

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017351.D
 Acq On : 26 Oct 2018 16:57
 Operator : MJ/SJ
 Sample : PB114216BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 27 01:48:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	261029	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1206822	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	754167	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1777352	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2125790	20.00	ng	-0.02
87) Perylene-d12	23.46	264	2163742	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	2015891	130.62	ng	-0.01
7) Phenol-d6	6.85	99	2851800	135.68	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1631377	79.06	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1283943	125.89	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4207759	74.24	ng	-0.02
79) Terphenyl-d14	19.69	244	6786227	71.96	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	189371	24.029	ng	89
3) Pyridine	3.63	79	587213	32.383	ng	87
4) n-Nitrosodimethylamine	3.55	42	277910	38.177	ng	# 76
6) Aniline	6.99	93	734421	27.934	ng	97
8) 2-Chlorophenol	7.22	128	847484	47.466	ng	96
9) Benzaldehyde	6.81	77	352971	26.337	ng	95
10) Phenol	6.87	94	1065519	47.101	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	699744	38.803	ng	99
12) 1,3-Dichlorobenzene	7.54	146	765401	36.774	ng	98
13) 1,4-Dichlorobenzene	7.69	146	781234	36.739	ng	98
14) 1,2-Dichlorobenzene	8.00	146	771049	37.634	ng	99
15) Benzyl Alcohol	7.90	79	742278	48.313	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	968066	38.424	ng	100
17) 2-Methylphenol	8.10	107	723073	49.798	ng	99
18) Hexachloroethane	8.72	117	275618	37.874	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	602391	43.524	ng	96
20) 3+4-Methylphenols	8.43	107	992870	49.995	ng	99
22) Acetophenone	8.47	105	1176863	38.470	ng	# 98
24) Nitrobenzene	8.85	77	869850	39.853	ng	95
25) Isophorone	9.37	82	1642716	48.211	ng	98
26) 2-Nitrophenol	9.55	139	451703	44.668	ng	98
27) 2,4-Dimethylphenol	9.62	122	828387	54.982	ng	96
28) bis(2-Chloroethoxy)methane	9.86	93	1034388	43.131	ng	100
29) 2,4-Dichlorophenol	10.08	162	844600	48.281	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	786440	37.476	ng	99
31) Naphthalene	10.48	128	2468595	41.741	ng	100
32) Benzoic acid	9.78	122	586429	52.165	ng	96
33) 4-Chloroaniline	10.60	127	404431	15.834	ng	98
34) Hexachlorobutadiene	10.76	225	459347	34.546	ng	99
35) Caprolactam	11.40	113	130210	20.424	ng	92
36) 4-Chloro-3-methylphenol	11.73	107	937629	47.550	ng	98
37) 2-Methylnaphthalene	12.10	142	1923746	47.534	ng	99
38) 1-Methylnaphthalene	12.32	142	1825984	46.357	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	973031	36.636	ng	99

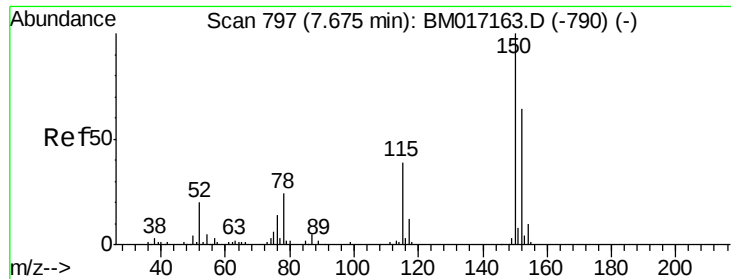
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017351.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1208707	94.139	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	706424	45.819	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	759175	45.919	ng	99
46) 1,1'-Biphenyl	13.12	154	2482324	36.576	ng	99
47) 2-Chloronaphthalene	13.16	162	1941201	38.880	ng	98
48) 2-Nitroaniline	13.38	65	612901	43.990	ng	97
49) Acenaphthylene	14.02	152	3230731	44.642	ng	100
50) Dimethylphthalate	13.77	163	2489081	42.779	ng	99
51) 2,6-Dinitrotoluene	13.89	165	566203	44.213	ng	98
52) Acenaphthene	14.36	154	1876727	41.302	ng	98
53) 3-Nitroaniline	14.22	138	368033	26.535	ng	96
54) 2,4-Dinitrophenol	14.43	184	718101	93.982	ng	97
55) Dibenzofuran	14.70	168	3039188	40.220	ng	99
56) 4-Nitrophenol	14.54	139	1462292	113.578	ng	98
57) 2,4-Dinitrotoluene	14.68	165	810710	47.102	ng	# 98
58) Fluorene	15.35	166	2478592	44.315	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	720614	47.817	ng	99
60) Diethylphthalate	15.14	149	2516930	43.619	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1242869	38.979	ng	98
62) 4-Nitroaniline	15.39	138	661932	43.283	ng	98
63) Azobenzene	15.64	77	2378670	42.411	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	497590	44.240	ng	98
66) n-Nitrosodiphenylamine	15.57	169	2240545	41.666	ng	100
67) 4-Bromophenyl-phenylether	16.24	248	806976	41.351	ng	97
68) Hexachlorobenzene	16.35	284	882096	38.912	ng	98
69) Atrazine	16.53	200	828943	43.071	ng	97
70) Pentachlorophenol	16.70	266	1150673	74.098	ng	99
71) Phenanthrene	17.09	178	4040870	42.139	ng	100
72) Anthracene	17.18	178	4180089	45.876	ng	100
73) Carbazole	17.46	167	3878614	41.672	ng	100
74) Di-n-butylphthalate	18.03	149	4417549	45.000	ng	99
75) Fluoranthene	19.12	202	4917685	45.574	ng	99
77) Benzidine	19.31	184	2310908	42.872	ng	98
78) Pyrene	19.47	202	5033587	42.366	ng	100
80) Butylbenzylphthalate	20.39	149	2159767	47.805	ng	97
81) Benzo(a)anthracene	21.23	228	5280281	44.140	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1292686	28.994	ng	99
83) Chrysene	21.29	228	4948484	41.792	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3153785	45.858	ng	99
85) Di-n-octyl phthalate	22.04	149	5609902	47.886	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	5172982	39.060	ng	100
88) Benzo(b)fluoranthene	22.80	252	5263666	44.494	ng	99
89) Benzo(k)fluoranthene	22.84	252	4980834	41.960	ng	99
90) Benzo(a)pyrene	23.36	252	5049064	44.952	ng	100
91) Dibenzo(a,h)anthracene	25.68	278	4468253	40.063	ng	100
92) Benzo(g,h,i)perylene	26.34	276	4018326	36.351	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

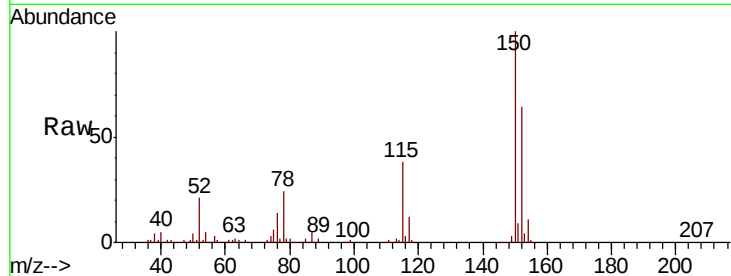


#1

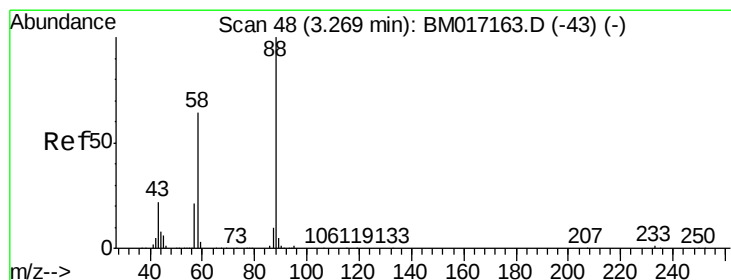
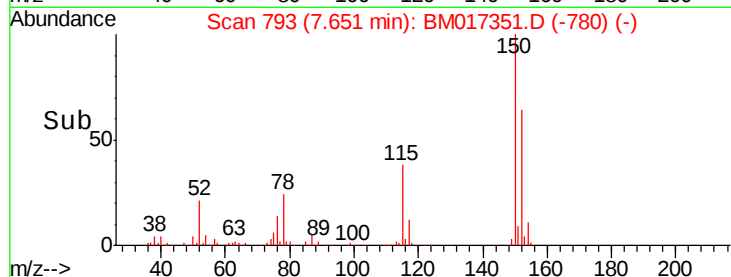
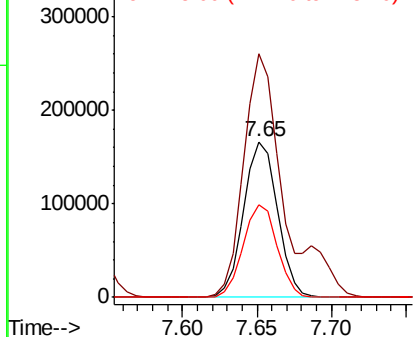
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 261029
Ion Ratio Lower Upper
152 100
150 156.5 124.3 186.5
115 59.6 48.1 72.1



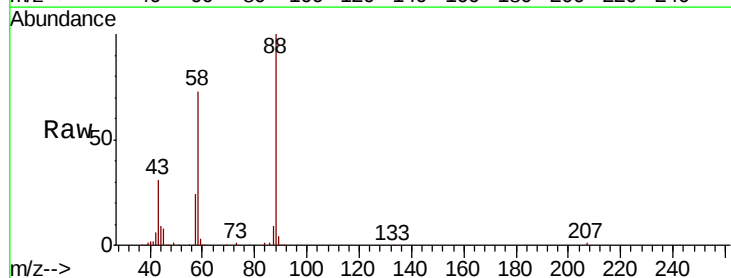
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



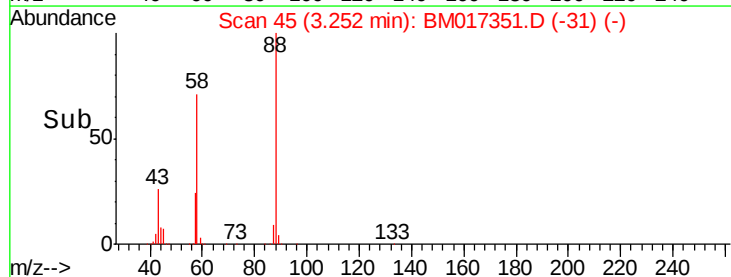
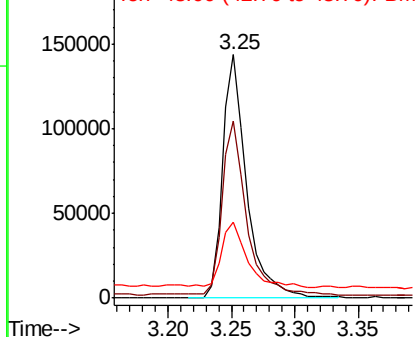
#2

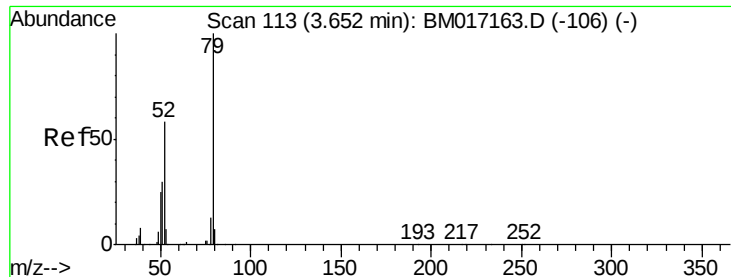
1,4-Dioxane
Concen: 24.029 ng
RT: 3.25 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion: 88 Resp: 189371
Ion Ratio Lower Upper
88 100
58 71.9 50.2 75.4
43 28.2 19.3 28.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 32.383 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

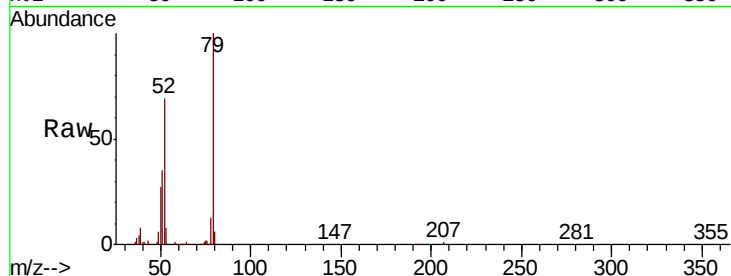
Tot Ion: 79 Resp: 587213

Ion Ratio Lower Upper

79 100

52 69.2 46.5 69.7

51 35.5 24.6 37.0



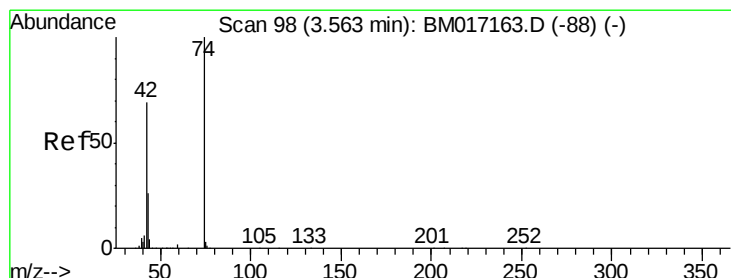
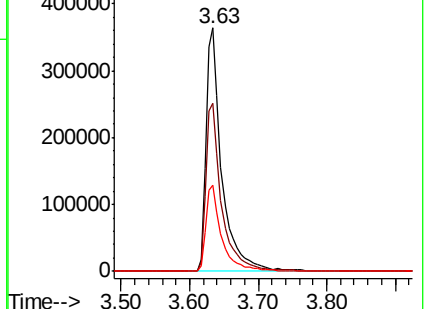
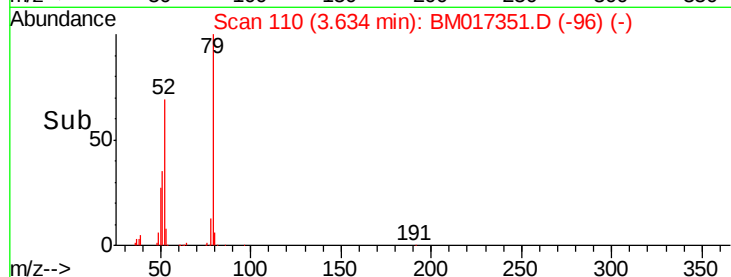
Abundance Ion 79.00 (78.70 to 79.70): BM017351.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017351.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017351.D (-106) (-)

3.63

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.177 ng

RT: 3.55 min Scan# 96

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

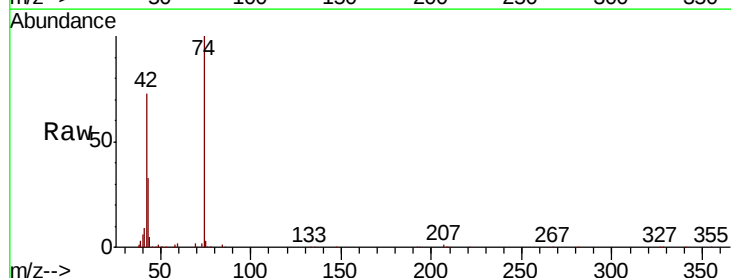
Tgt Ion: 42 Resp: 277910

Ion Ratio Lower Upper

42 100

74 137.4 114.4 171.6

44 6.8 48.6 73.0#



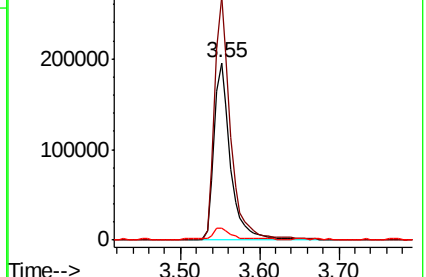
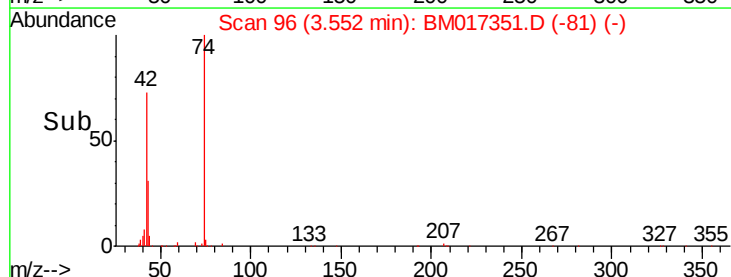
Abundance Ion 42.00 (41.70 to 42.70): BM017351.D (-88) (-)

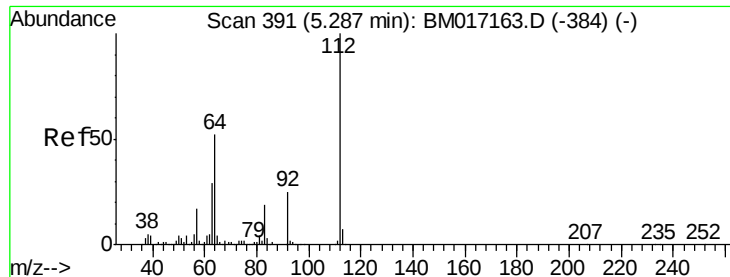
Ion 74.00 (73.70 to 74.70): BM017351.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017351.D (-88) (-)

3.55

Time-->





#5

2-Fluorophenol

Concen: 130.619 ng

RT: 5.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

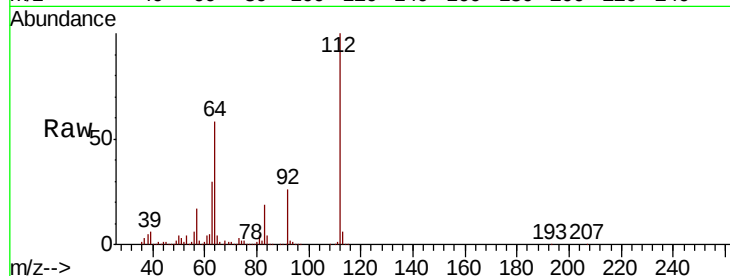
Tot Ion:112 Resp: 2015891

Ion Ratio Lower Upper

112 100

64 58.0 41.7 62.5

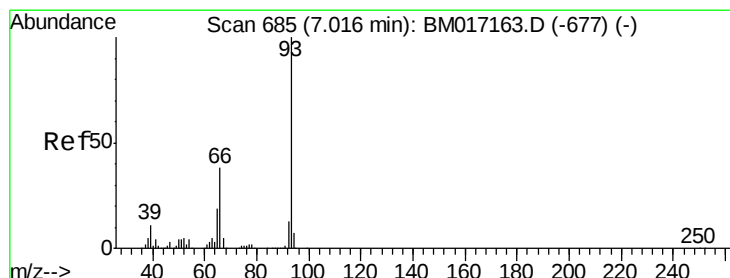
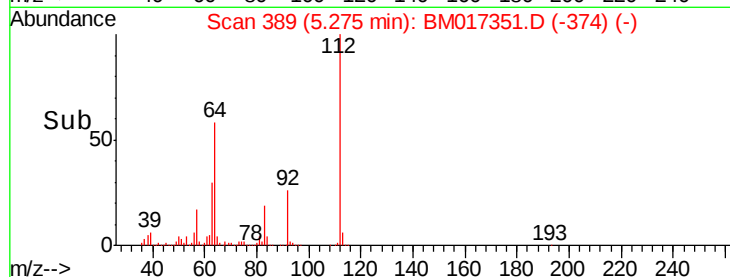
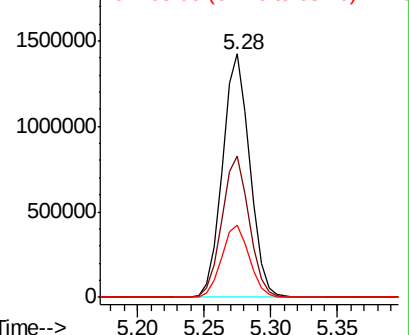
63 29.6 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 27.934 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

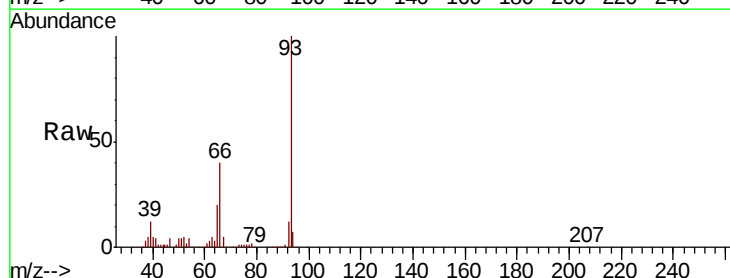
Tgt Ion: 93 Resp: 734421

Ion Ratio Lower Upper

93 100

66 39.6 30.4 45.6

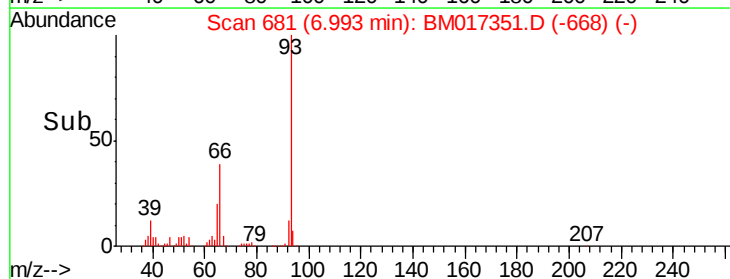
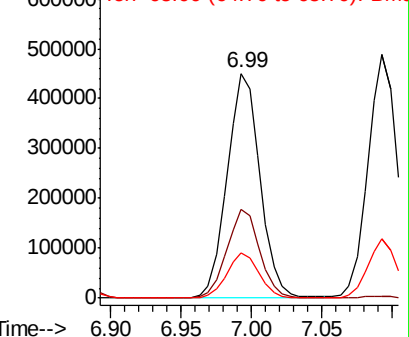
65 20.2 15.3 22.9

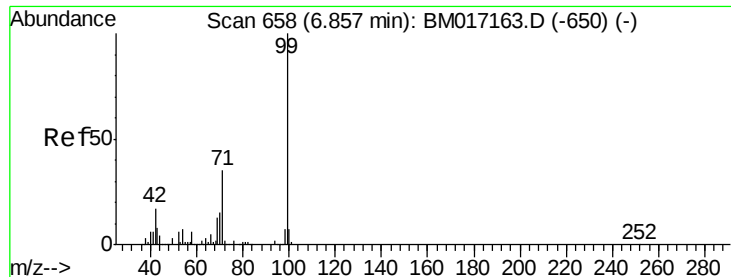


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 135.675 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

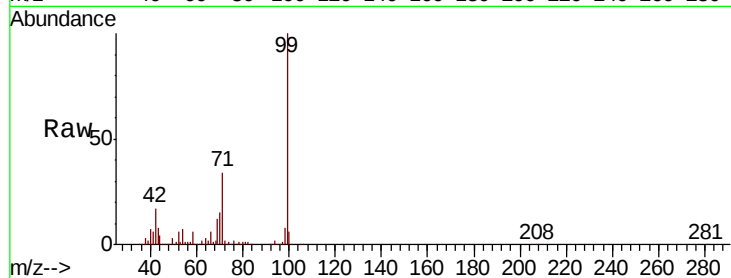
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2851800

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.3	19.9
71	34.2	28.0	42.0

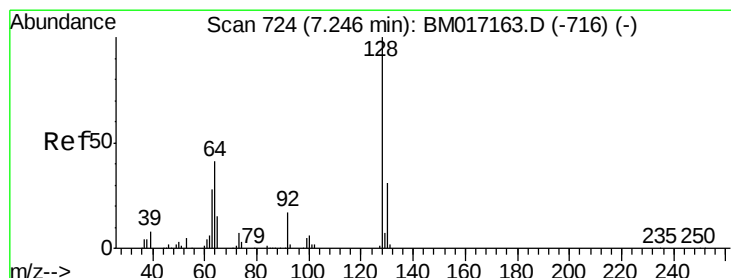
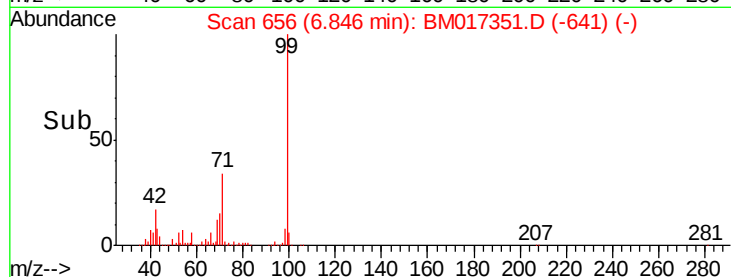
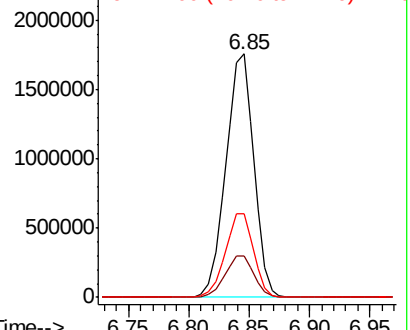


Abundance

Ion 99.00 (98.70 to 99.70): BM017351.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017351.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017351.D (-641) (-)



#8

2-Chlorophenol

Concen: 47.466 ng

RT: 7.22 min Scan# 720

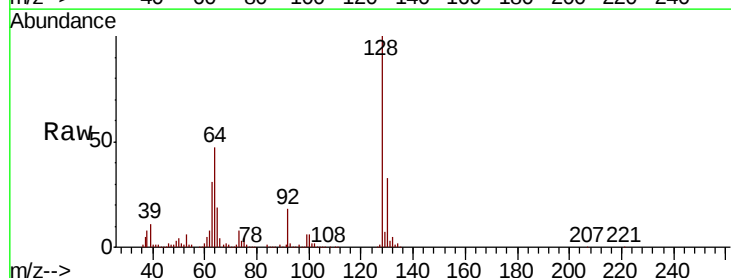
Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion: 128 Resp: 847484

Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.0	51.0
64	47.0	24.1	64.1

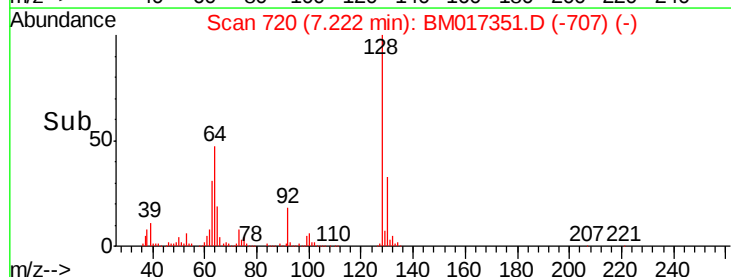
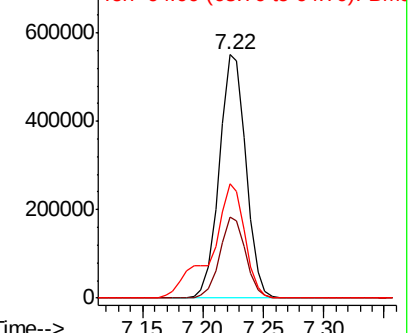


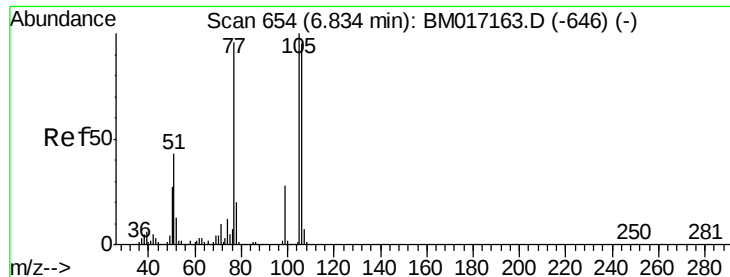
Abundance

Ion 128.00 (127.70 to 128.70): BM017351.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017351.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017351.D (-707) (-)





#9

Benzaldehyde

Concen: 26.337 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

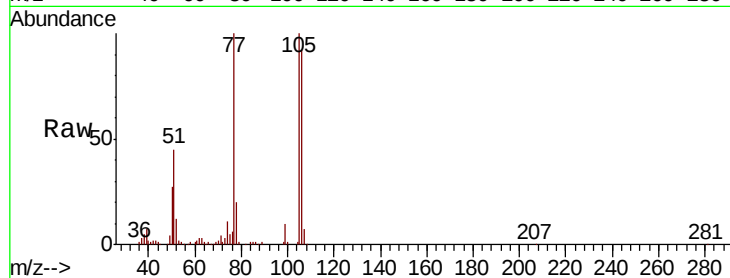
Tot Ion: 77 Resp: 352971

Ion Ratio Lower Upper

77 100

105 100.3 83.9 123.9

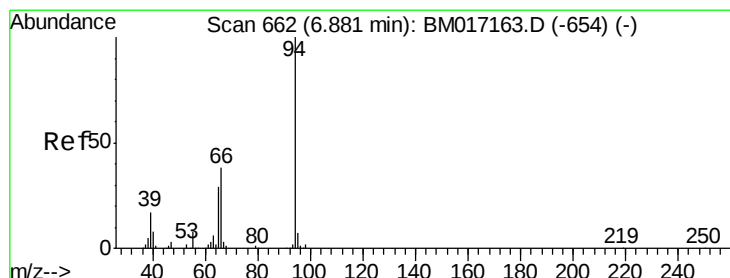
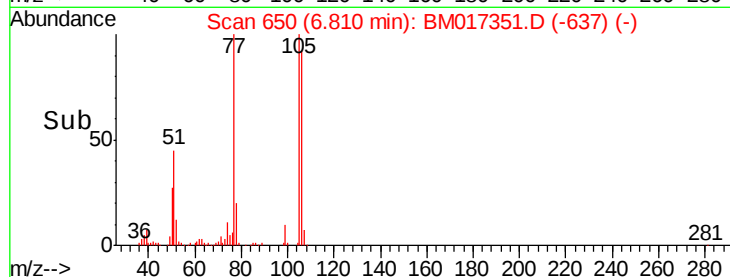
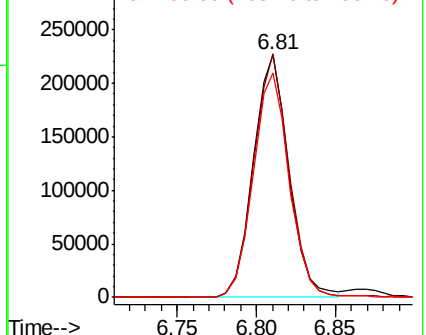
106 92.5 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017351.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017351.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017351.D (-637) (-)



#10

Phenol

Concen: 47.101 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

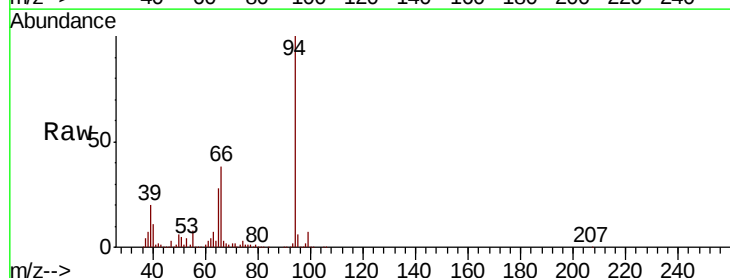
Tgt Ion: 94 Resp: 1065519

Ion Ratio Lower Upper

94 100

65 27.8 9.4 49.4

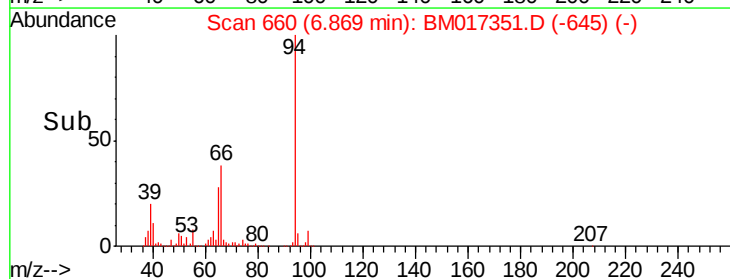
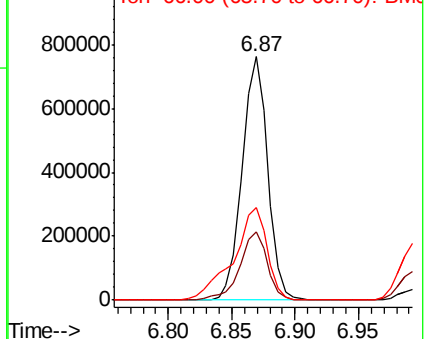
66 38.1 19.0 59.0

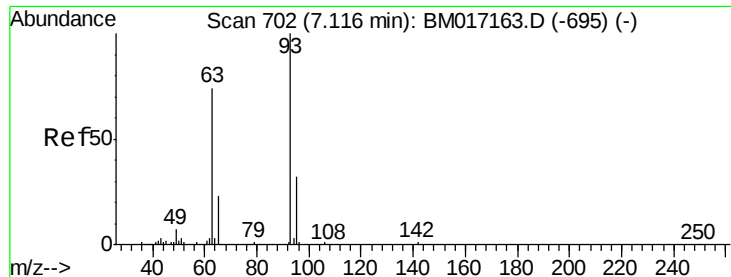


Abundance Ion 94.00 (93.70 to 94.70): BM017351.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017351.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017351.D (-645) (-)

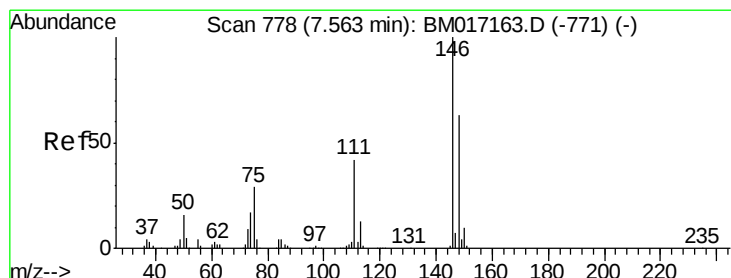
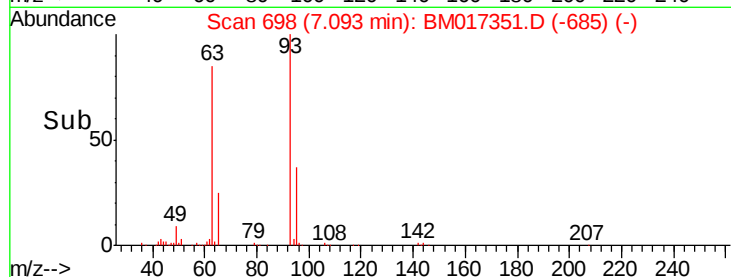
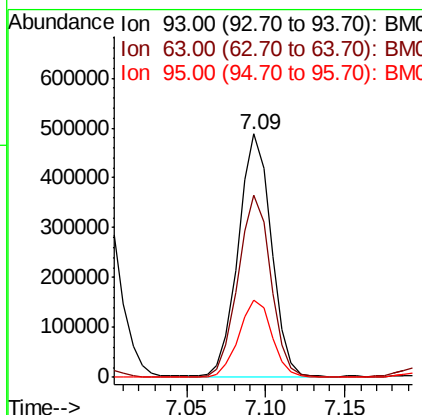
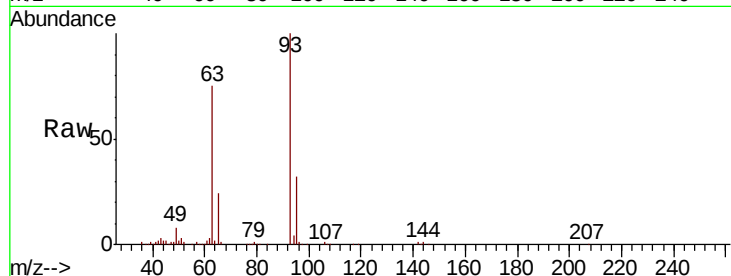




#11
bis(2-Chloroethyl)ether
Concen: 38.803 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

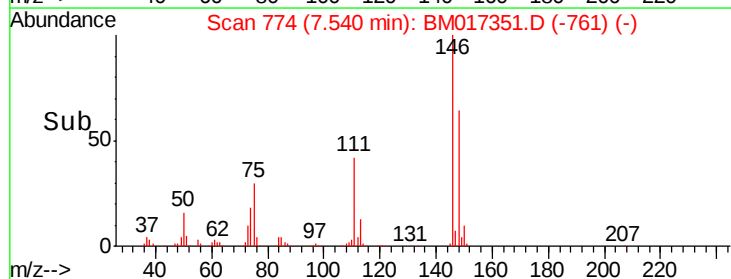
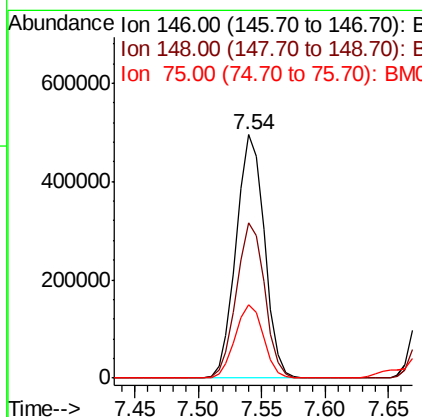
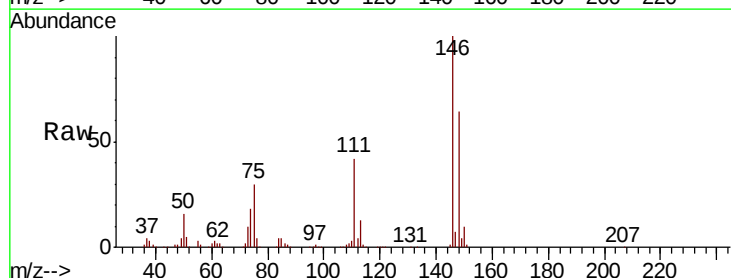
Instrument :
BNA_M
ClientSampleId :

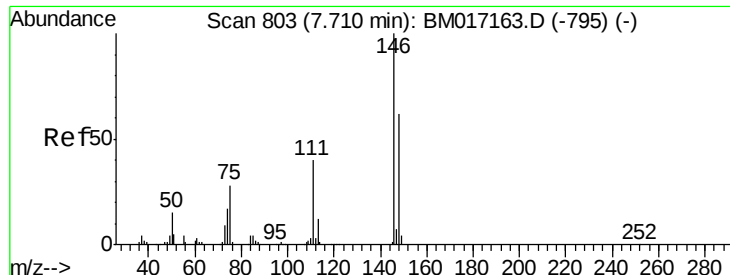
Tot Ion: 93 Resp: 699744
Ion Ratio Lower Upper
93 100
63 74.9 54.0 94.0
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.774 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion: 146 Resp: 765401
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.4
75 30.4 23.3 34.9

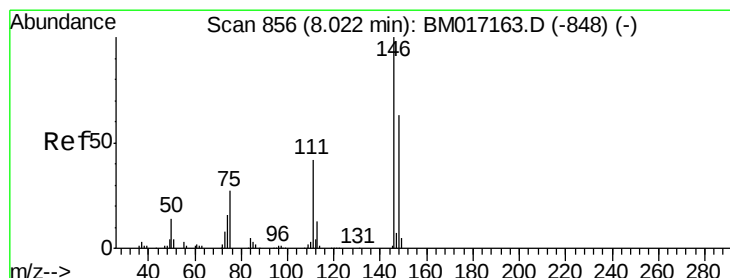
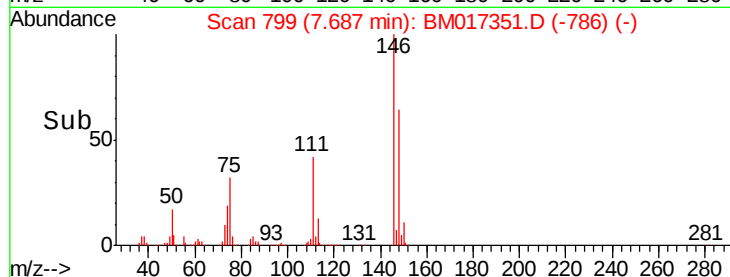
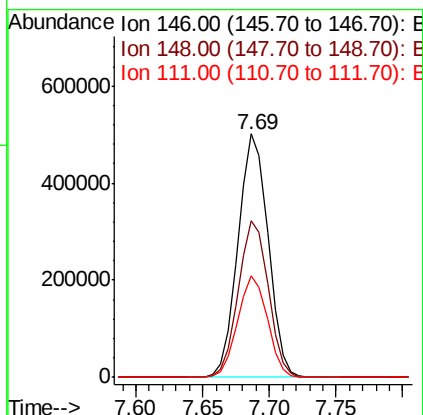
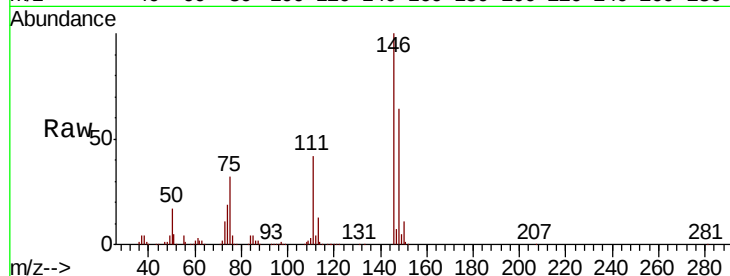




#13
 1,4-Dichlorobenzene
 Concen: 36.739 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

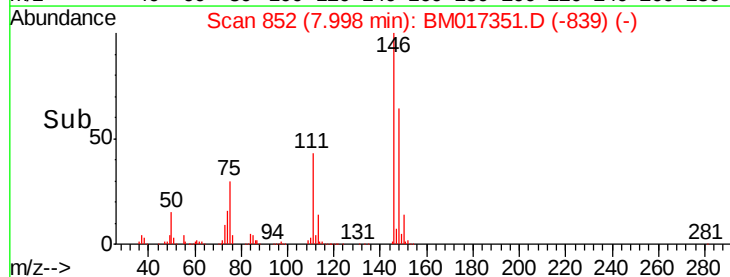
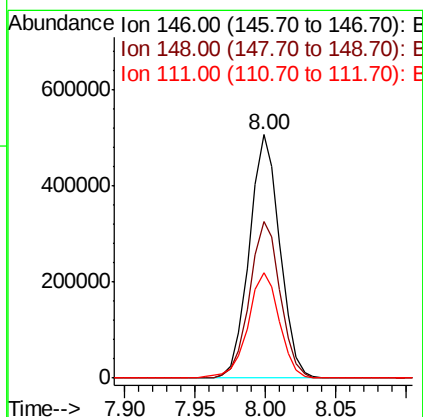
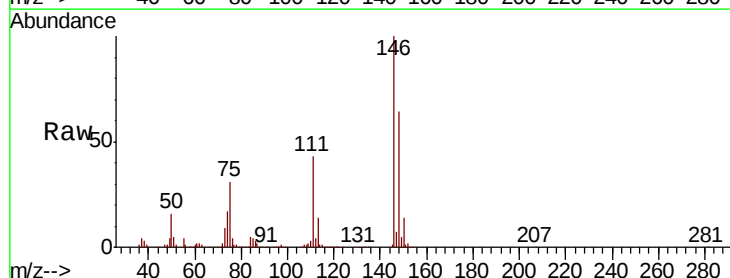
Instrument :
 BNA_M
 ClientSampleId :

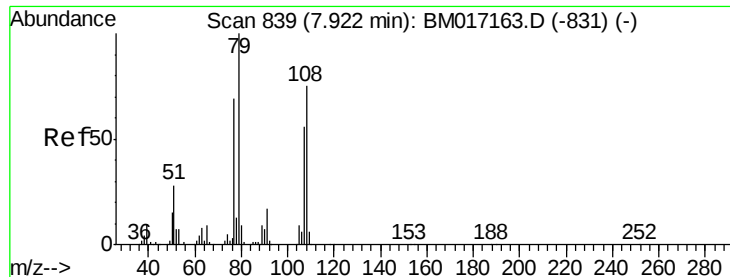
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.8	74.6
111	41.5	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 37.634 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	43.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 48.313 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

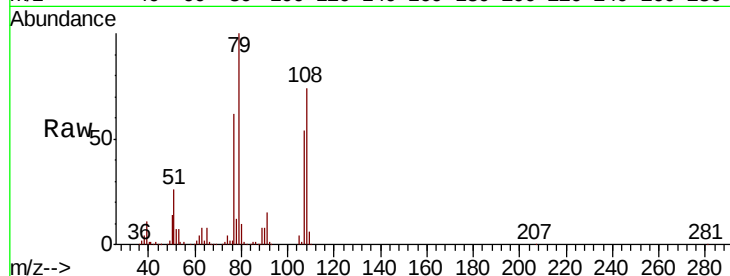
Tot Ion: 79 Resp: 742278

Ion Ratio Lower Upper

79 100

108 73.9 60.3 90.5

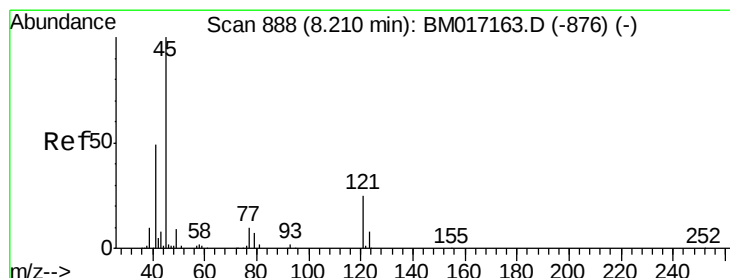
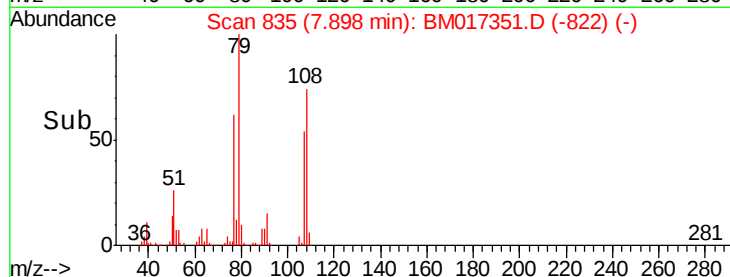
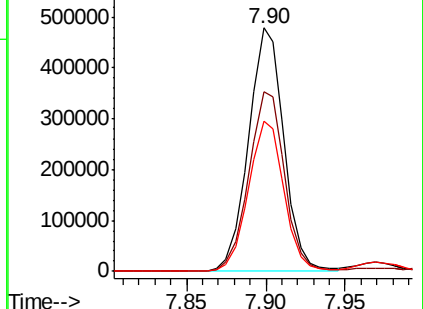
77 61.5 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017351.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017351.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017351.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.424 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

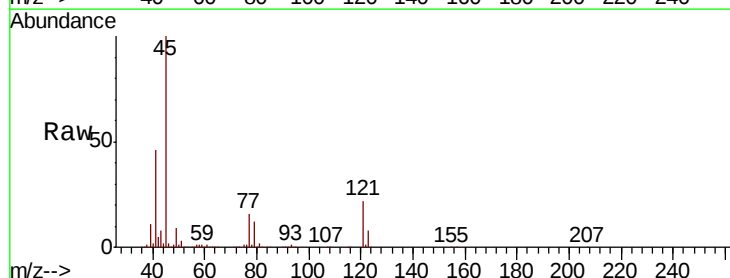
Tgt Ion: 45 Resp: 968066

Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.5

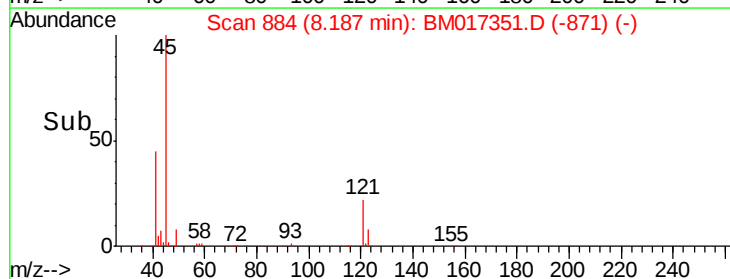
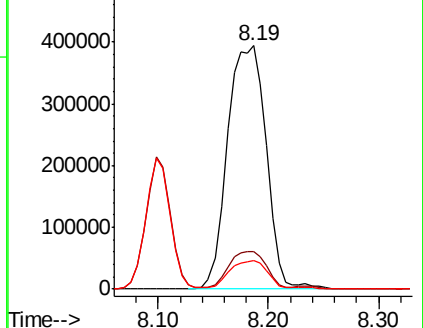
79 11.8 0.0 32.1

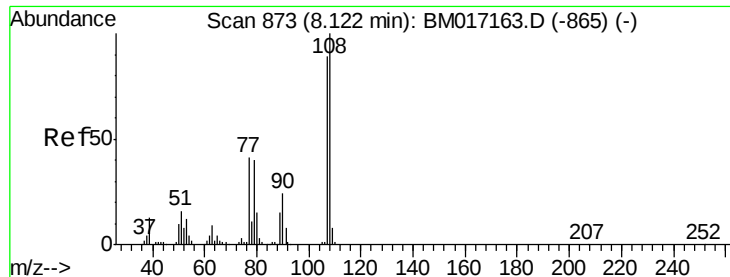


Abundance Ion 45.00 (44.70 to 45.70): BM017351.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017351.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017351.D (-876) (-)





#17

2-Methylphenol

Concen: 49.798 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 723073

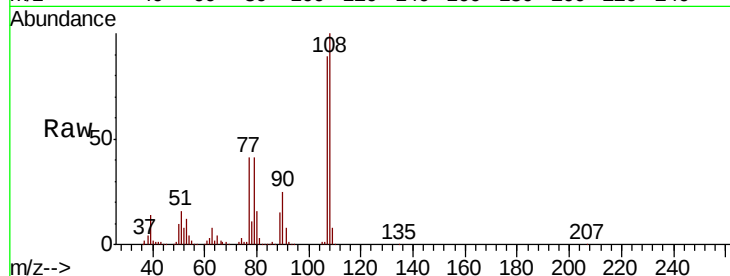
Ion Ratio Lower Upper

107 100

108 112.9 90.3 135.5

77 46.7 37.0 55.4

79 46.2 35.8 53.6

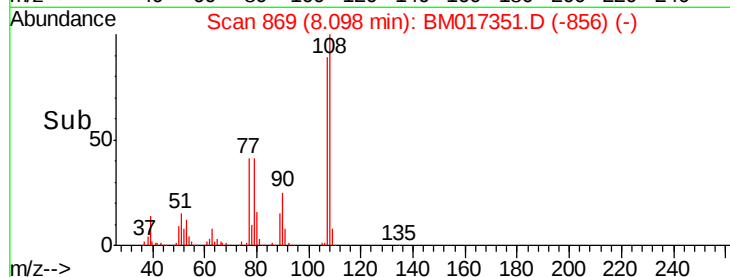


Abundance Ion 107.00 (106.70 to 107.70): E

800000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



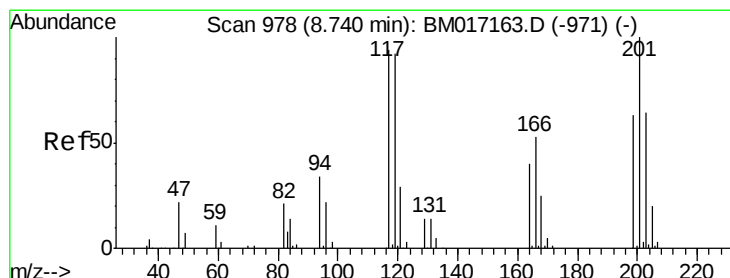
Abundance Ion 107.00 (106.70 to 107.70): E

800000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM

Time-->



#18

Hexachloroethane

Concen: 37.874 ng

RT: 8.72 min Scan# 974

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

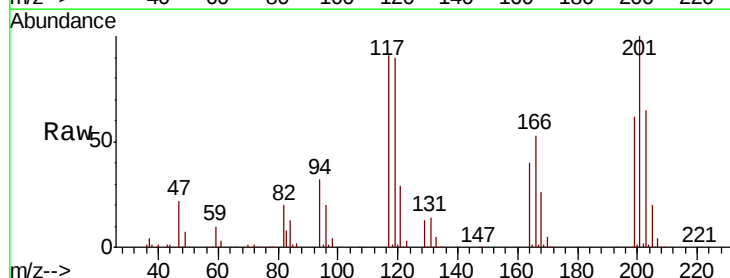
Tgt Ion:117 Resp: 275618

Ion Ratio Lower Upper

117 100

119 98.1 78.2 117.2

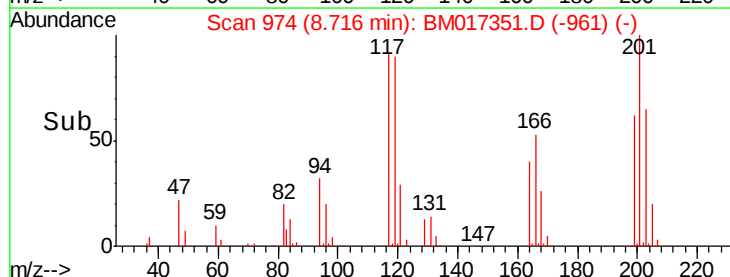
201 109.3 85.3 127.9



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

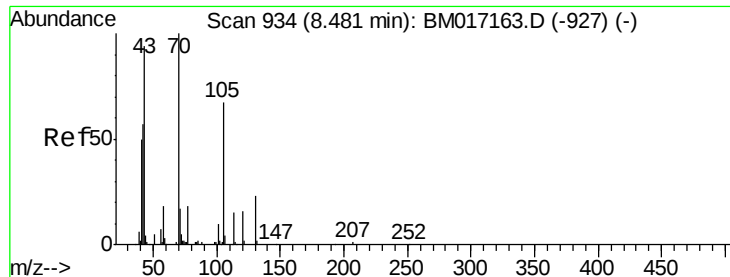


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

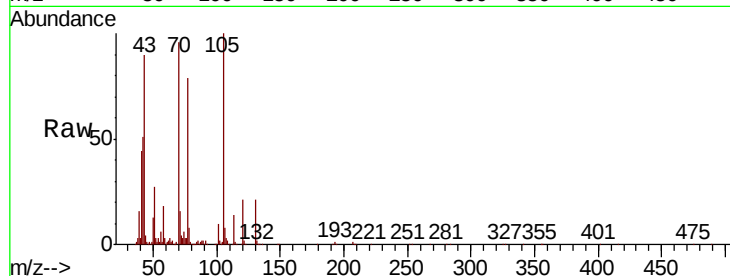
Time-->



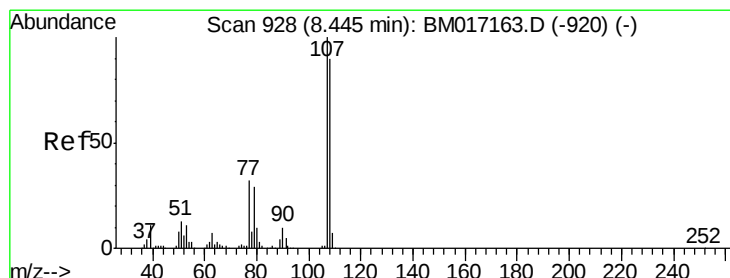
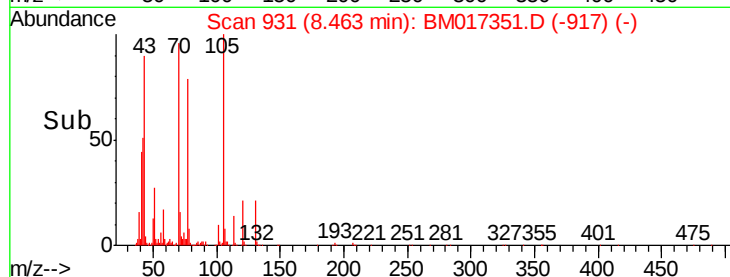
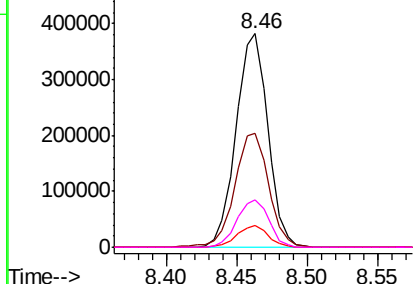
#19
n-Nitroso-di-n-propylamine
Concen: 43.524 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampled :

Tot Ion:	70	Resp:	602391
Ion	Ratio	Lower	Upper
70	100		
42	53.2	46.1	69.1
101	10.2	8.2	12.4
130	22.3	18.4	27.6

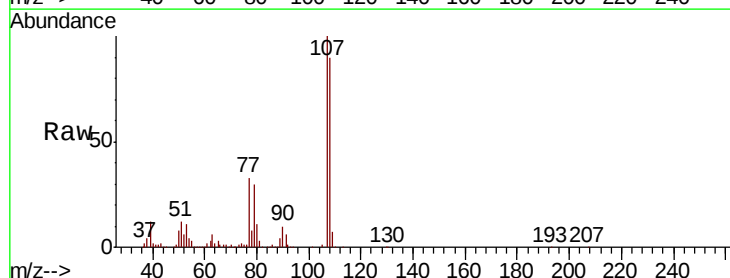


Abundance Ion 70.00 (69.70 to 70.70): BM017351.D (-917) (-)
Ion 42.00 (41.70 to 42.70): BM017351.D (-917) (-)
Ion 101.00 (100.70 to 101.70): BM017351.D (-917) (-)
Ion 130.00 (129.70 to 130.70): BM017351.D (-917) (-)

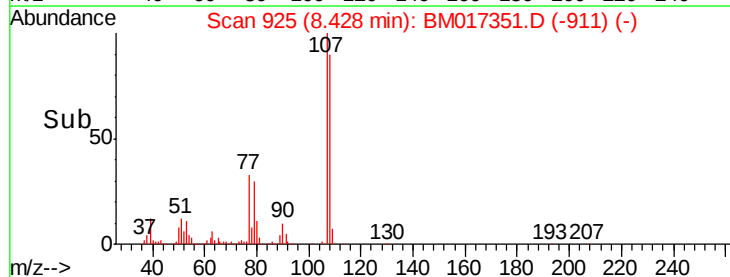
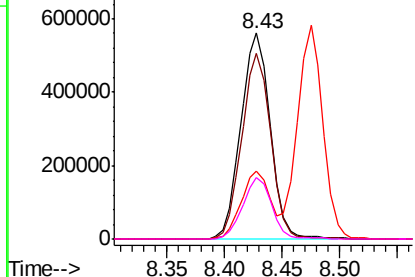


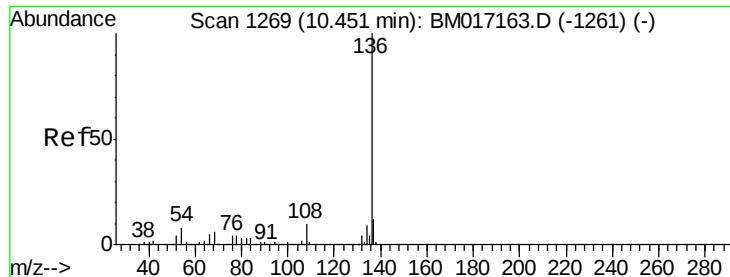
#20
3+4-Methylphenols
Concen: 49.995 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion:	107	Resp:	992870
Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.9	109.9
77	32.9	12.2	52.2
79	29.9	9.0	49.0



Abundance Ion 107.00 (106.70 to 107.70): BM017351.D (-911) (-)
Ion 108.00 (107.70 to 108.70): BM017351.D (-911) (-)
Ion 77.00 (76.70 to 77.70): BM017351.D (-911) (-)
Ion 79.00 (78.70 to 79.70): BM017351.D (-911) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1206822

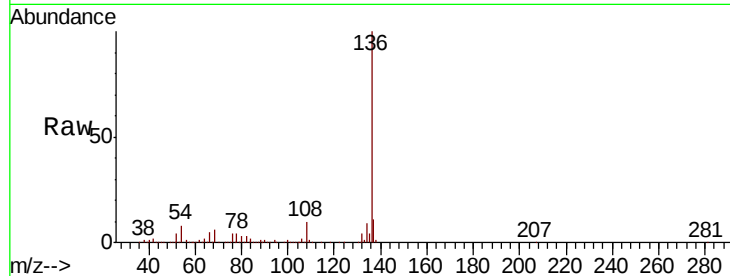
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.8 6.7 10.1

68 5.6 4.7 7.1

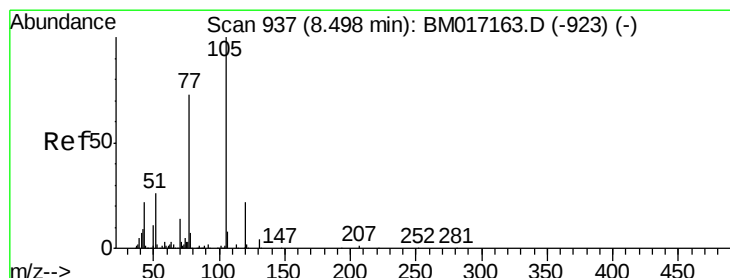
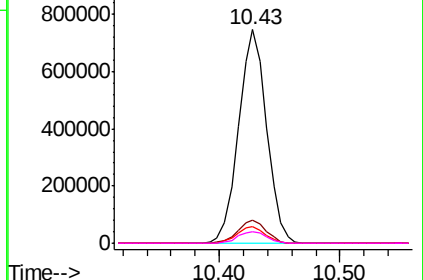
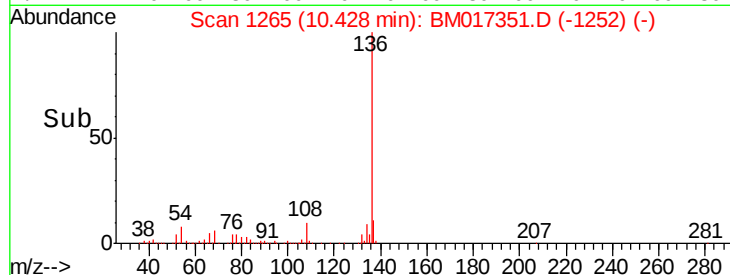


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.470 ng

RT: 8.47 min Scan# 933

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:105 Resp: 1176863

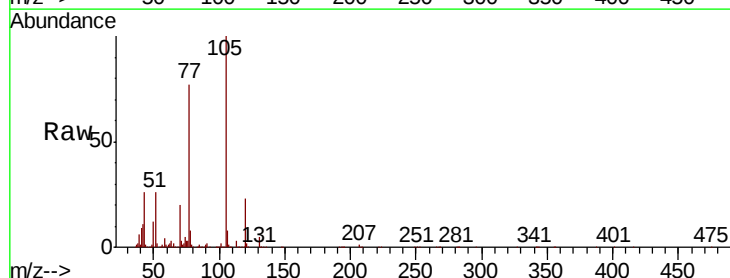
Ion Ratio Lower Upper

105 100

71 3.3 2.0 3.0#

51 26.3 20.6 31.0

120 23.2 17.5 26.3

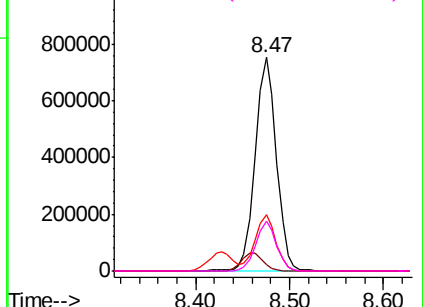
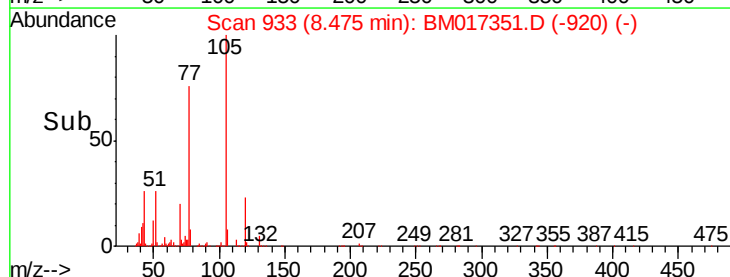


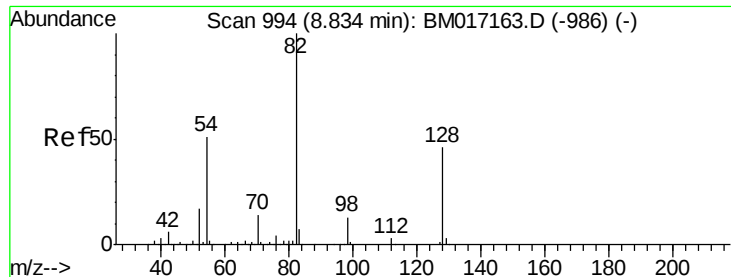
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

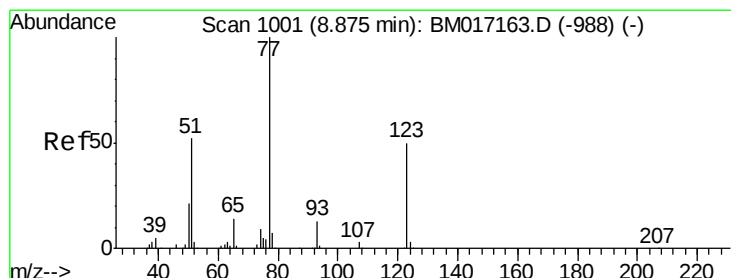
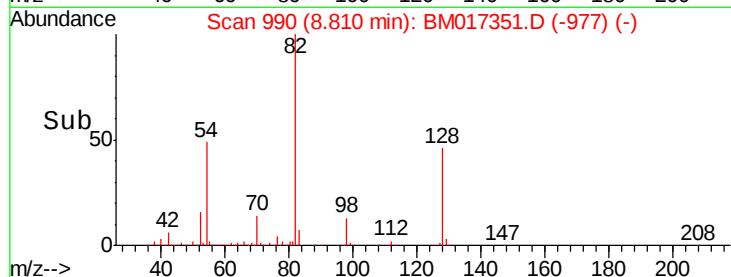
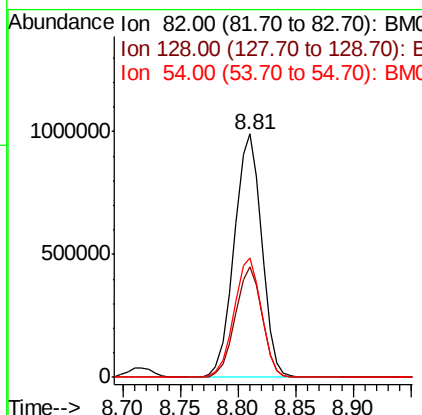
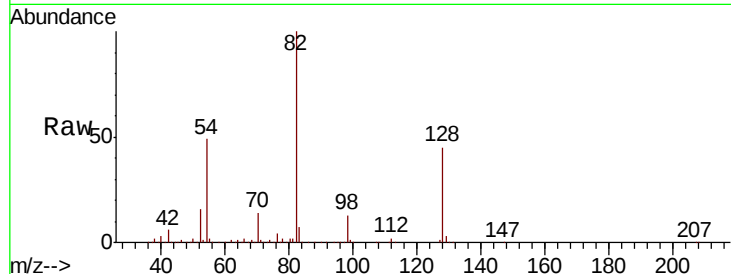




#23
Nitrobenzene-d5
Concen: 79.061 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

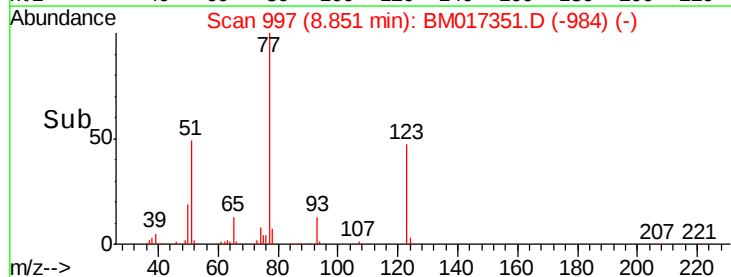
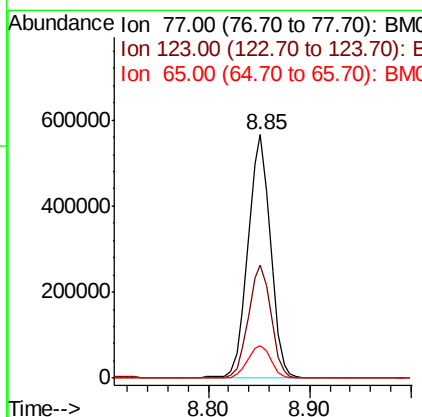
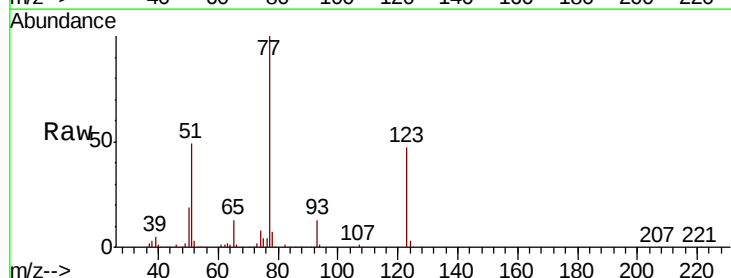
Instrument :
BNA_M
ClientSampled :

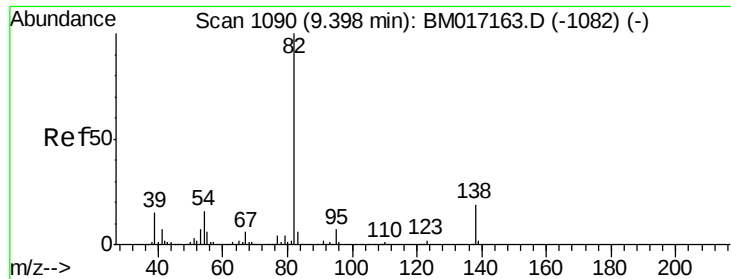
Tot Ion: 82 Resp: 1631377
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.6
54 48.9 40.7 61.1



#24
Nitrobenzene
Concen: 39.853 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion: 77 Resp: 869850
Ion Ratio Lower Upper
77 100
123 46.6 40.2 60.4
65 13.4 11.4 17.0





#25

Isophorone

Concen: 48.211 ng

RT: 9.37 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampled :

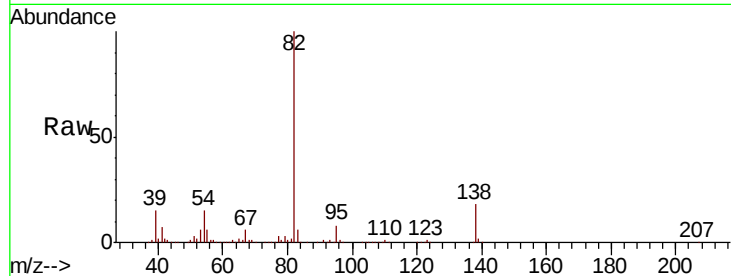
Tot Ion: 82 Resp: 1642716

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

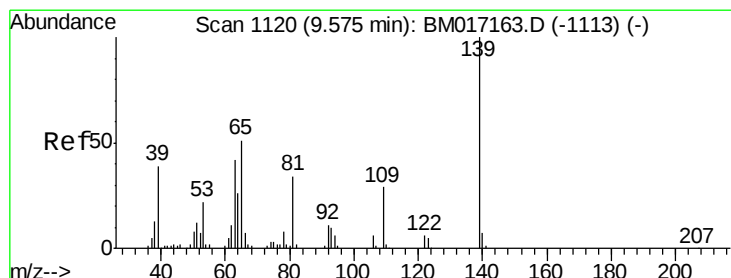
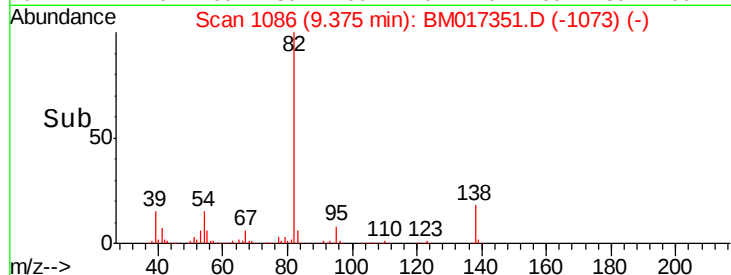
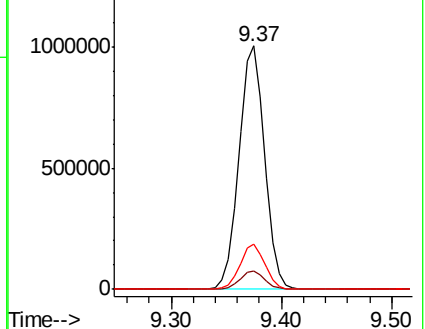
138 18.4 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017351.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017351.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017351.D (-1082) (-)



#26

2-Nitrophenol

Concen: 44.668 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

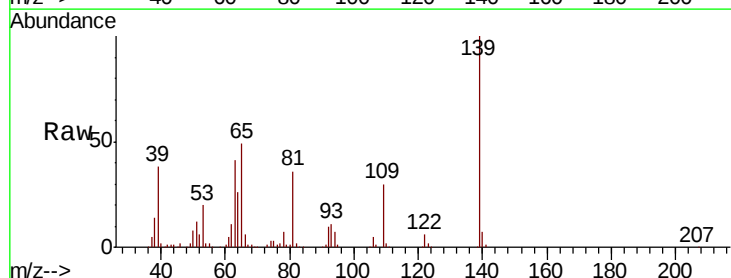
Tgt Ion: 139 Resp: 451703

Ion Ratio Lower Upper

139 100

109 29.7 23.2 34.8

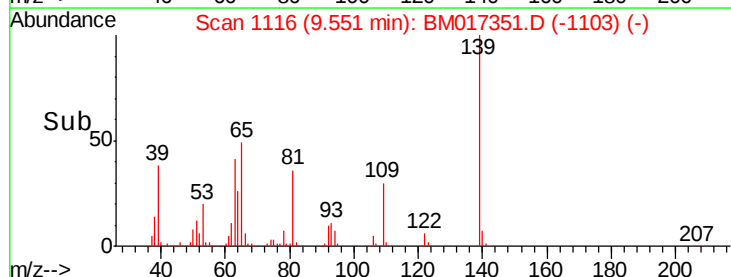
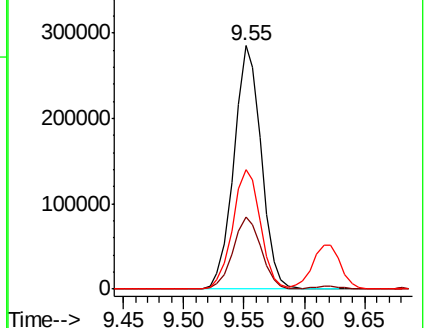
65 48.8 40.6 61.0

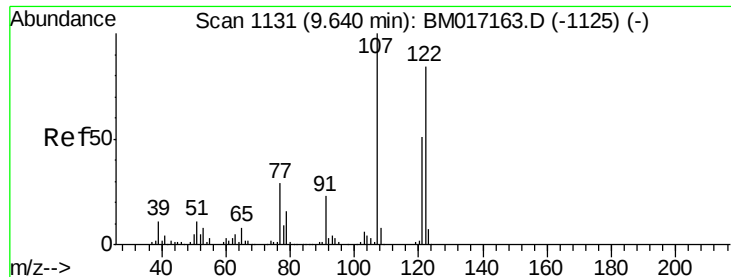


Abundance Ion 139.00 (138.70 to 139.70): BM017351.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM017351.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM017351.D (-1103) (-)

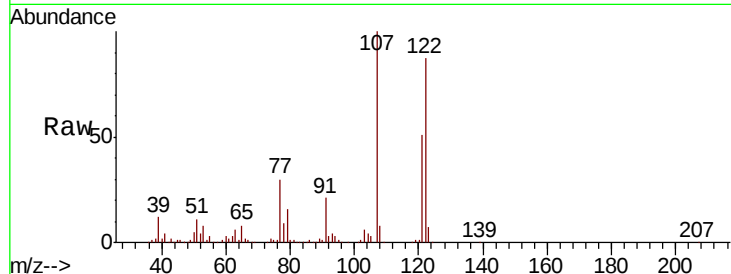




#27
 2,4-Dimethylphenol
 Concen: 54.982 ng
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	95.0	142.6
121	58.3	48.2	72.4

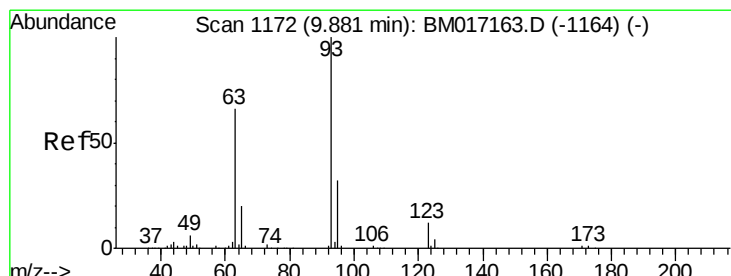
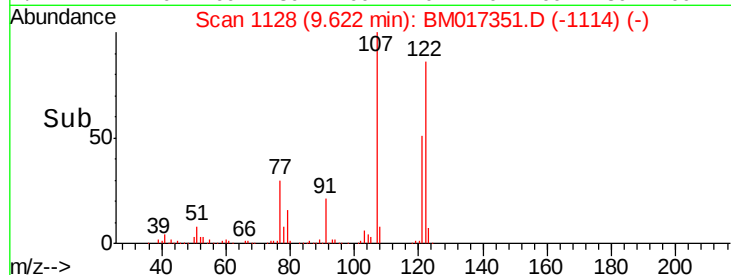
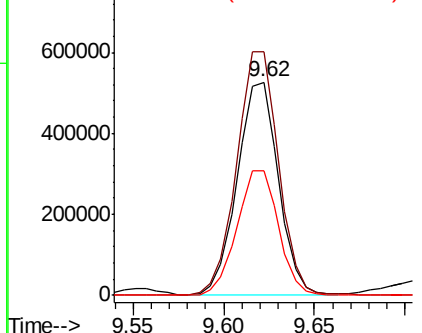


Abundance

Ion 122.00 (121.70 to 122.70): E

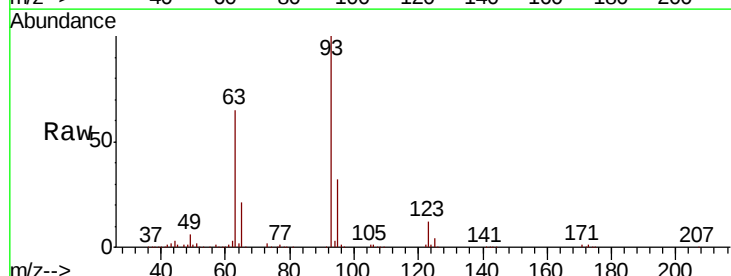
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.131 ng
 RT: 9.86 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	11.6	9.4	14.0

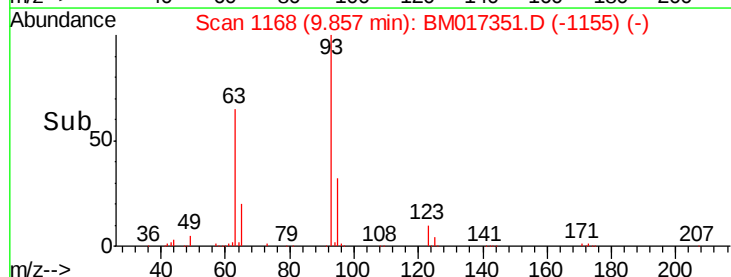
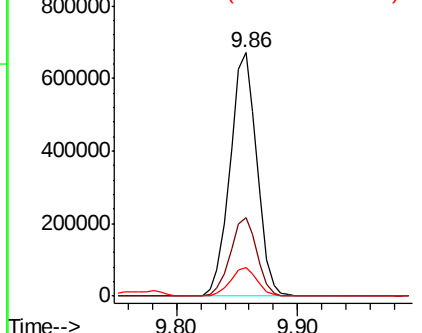


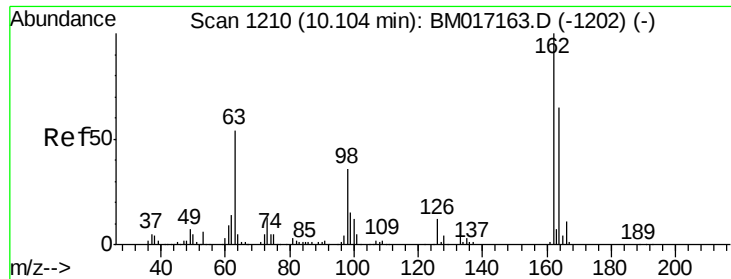
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

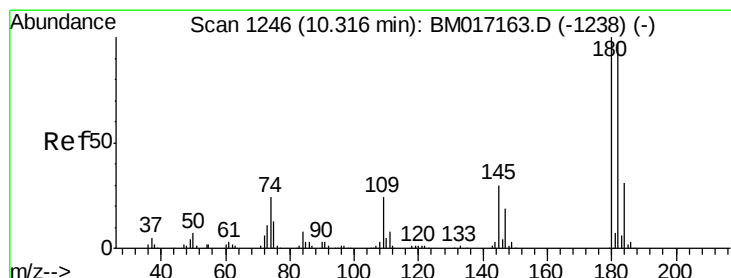
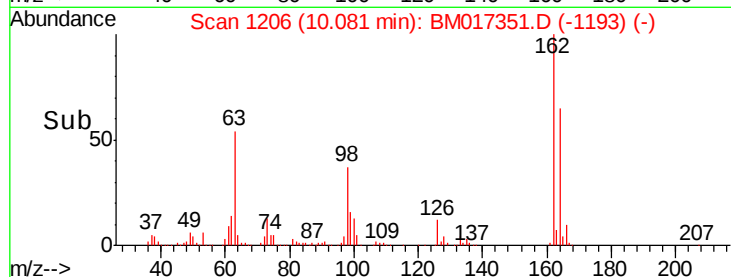
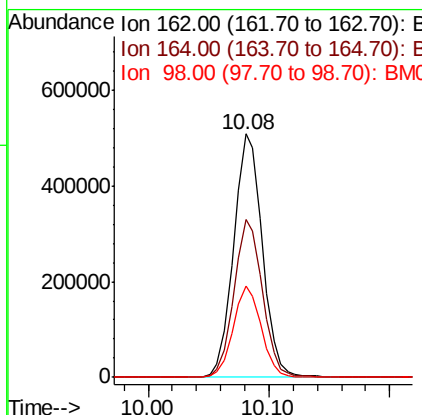
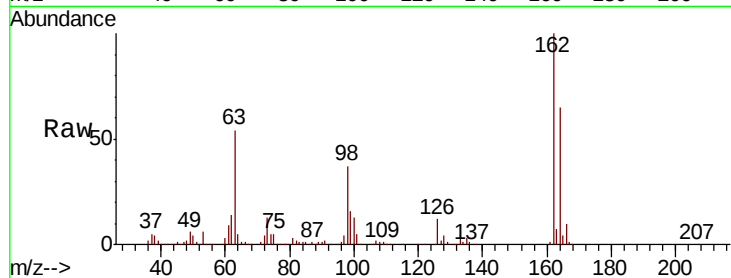




#29
2,4-Dichlorophenol
Concen: 48.281 ng
RT: 10.08 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

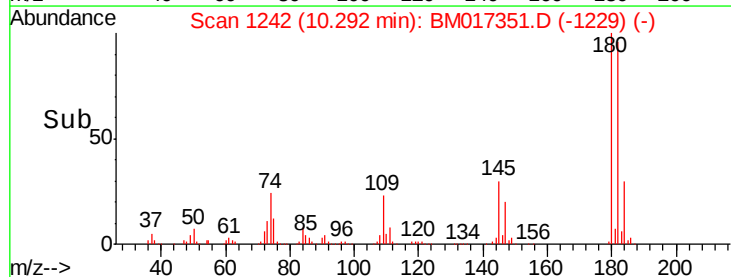
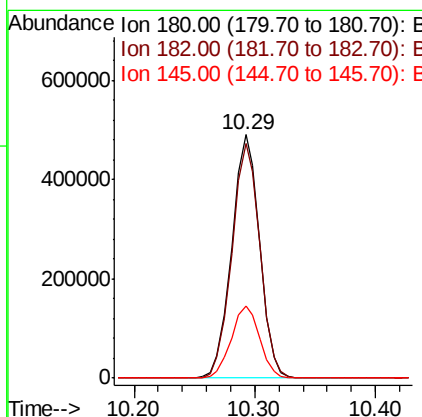
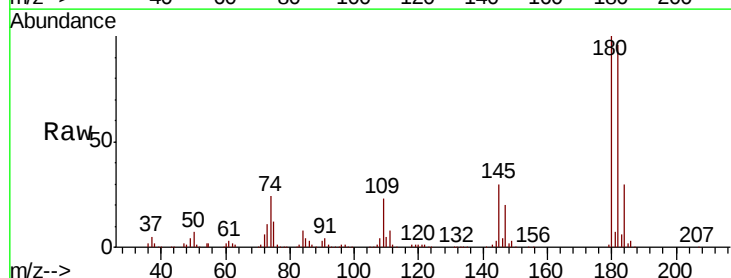
Instrument :
BNA_M
ClientSampleId :

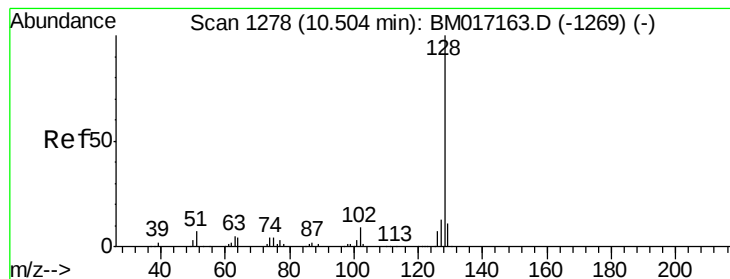
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.9	84.9
98	37.3	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 37.476 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.5	116.3
145	29.7	24.0	36.0

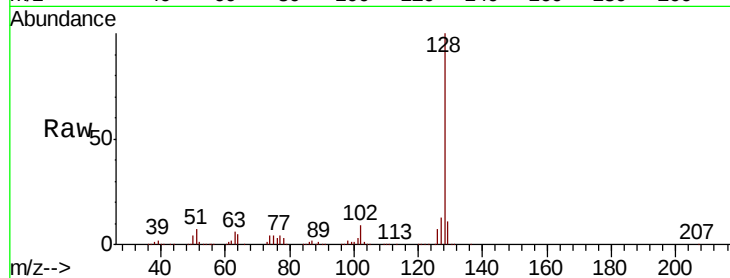




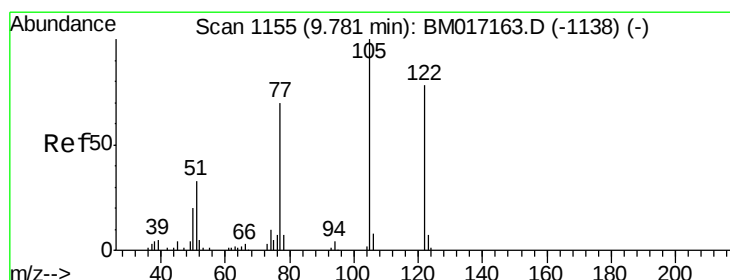
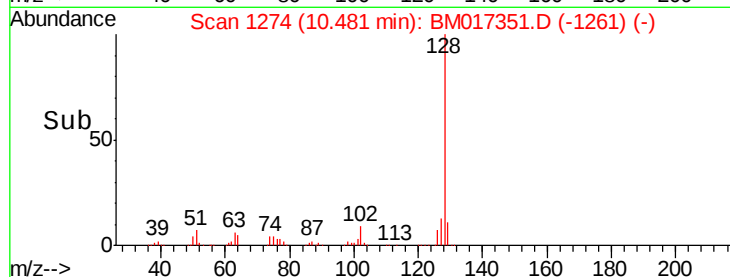
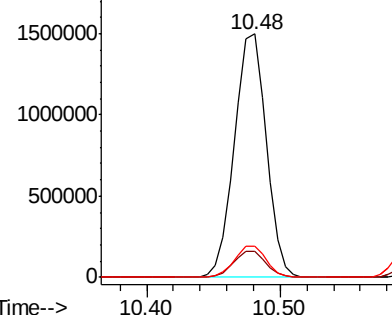
#31
Naphthalene
Concen: 41.741 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 2468595
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.0 10.3 15.5

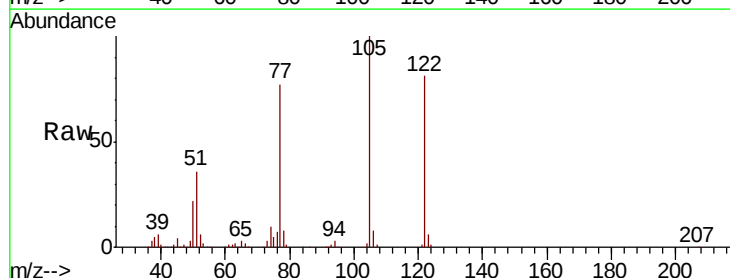


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

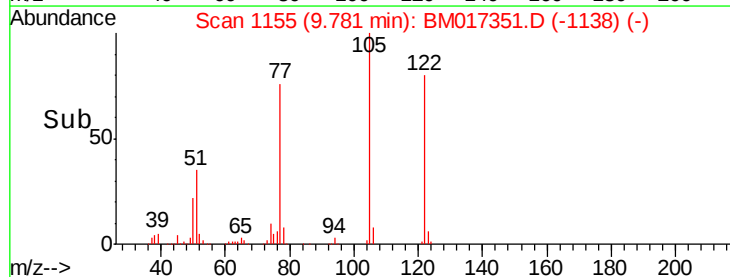
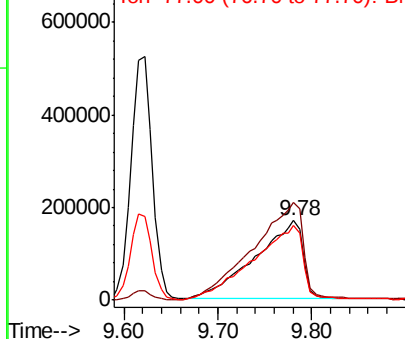


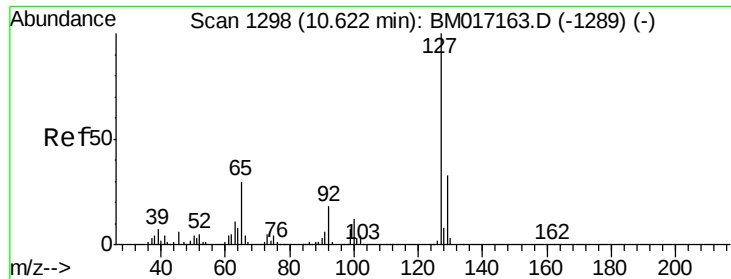
#32
Benzoic acid
Concen: 52.165 ng
RT: 9.78 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion:122 Resp: 586429
Ion Ratio Lower Upper
122 100
105 123.1 102.0 142.0
77 94.3 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

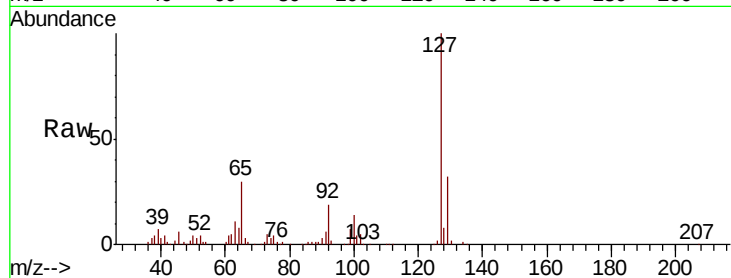




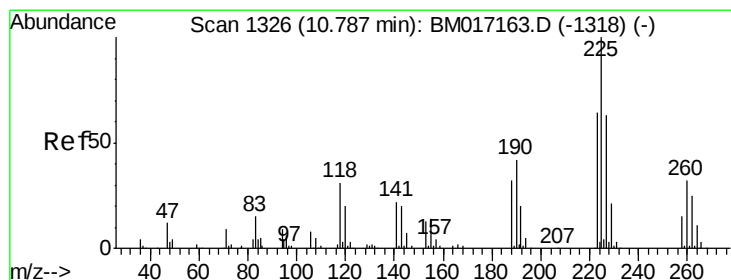
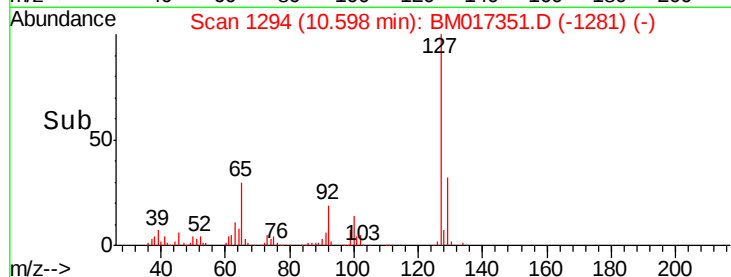
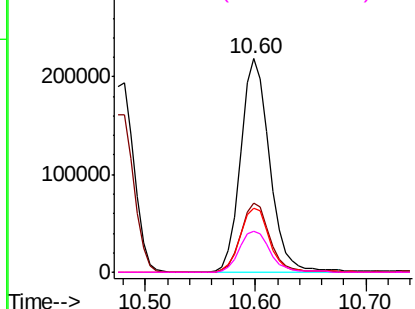
#33
4-Chloroaniline
Concen: 15.834 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	404431
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	30.3	23.7	35.5
92	19.4	14.3	21.5

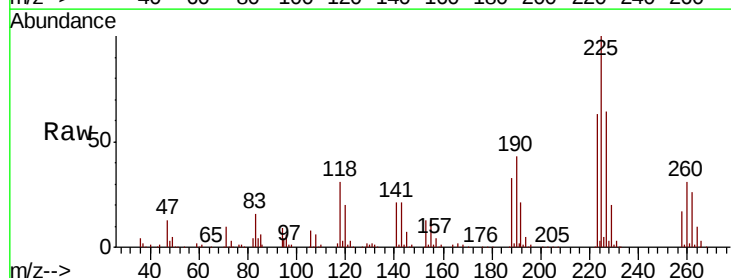


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

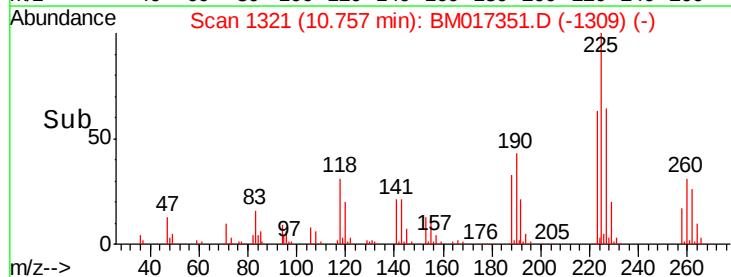
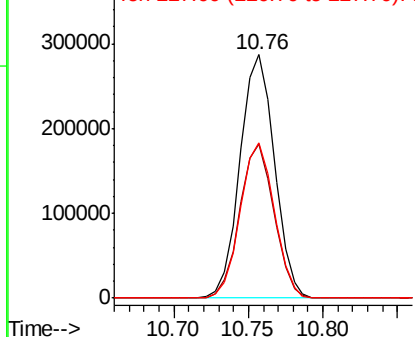


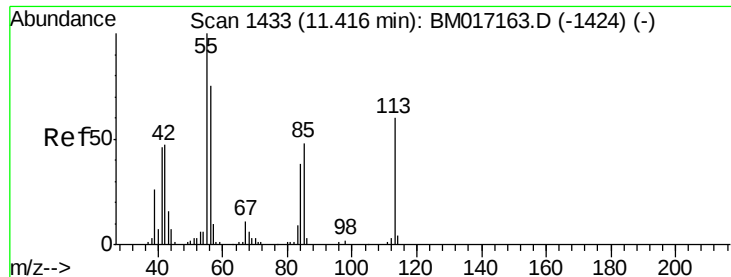
#34
Hexachlorobutadiene
Concen: 34.546 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion:	225	Resp:	459347
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	64.0	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.424 ng

RT: 11.40 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampled :

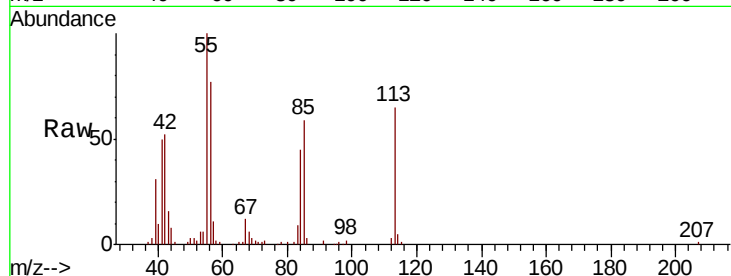
Tot Ion:113 Resp: 130210

Ion Ratio Lower Upper

113 100

55 154.4 147.0 187.0

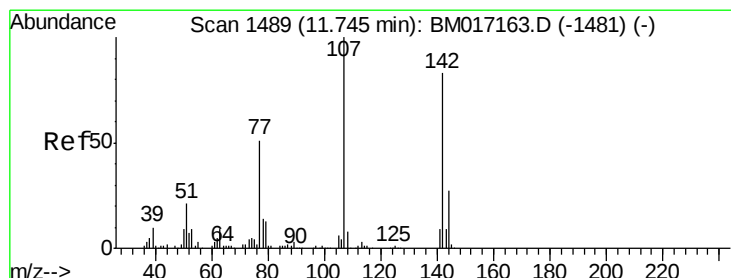
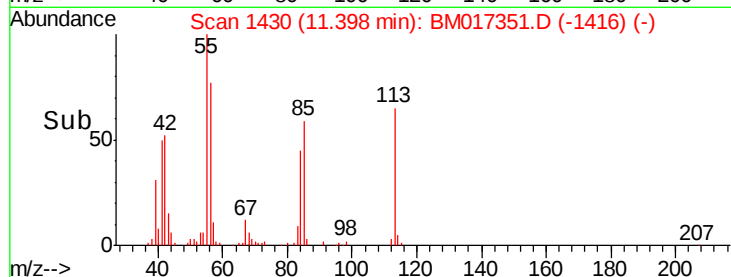
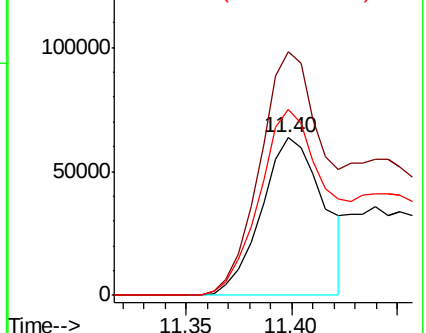
56 118.3 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 47.550 ng

RT: 11.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

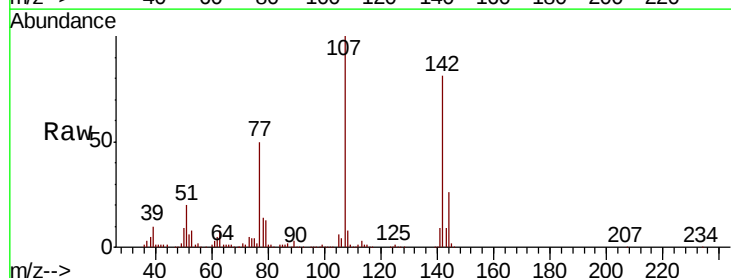
Tgt Ion:107 Resp: 937629

Ion Ratio Lower Upper

107 100

144 25.5 21.6 32.4

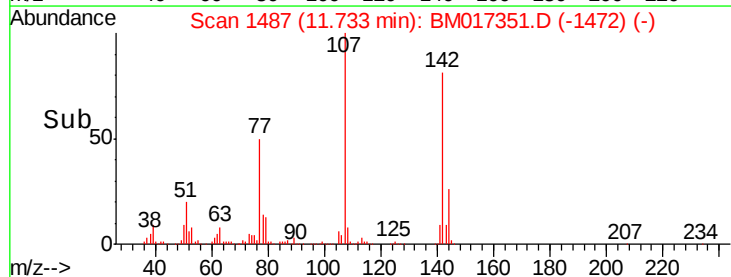
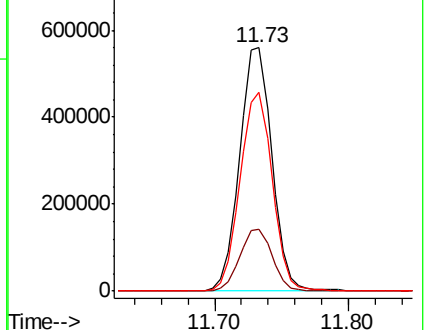
142 81.4 66.0 99.0

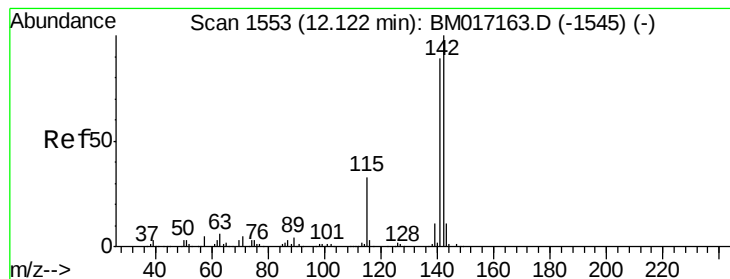


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.534 ng

RT: 12.10 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

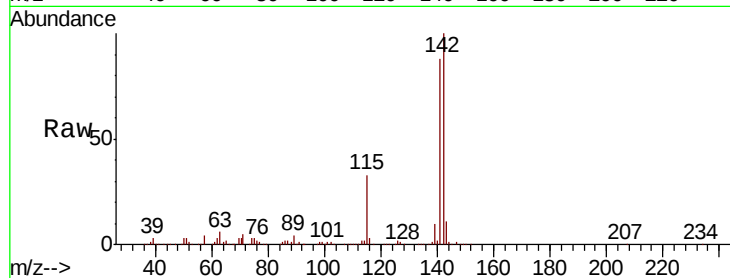
Tot Ion:142 Resp: 1923746

Ion Ratio Lower Upper

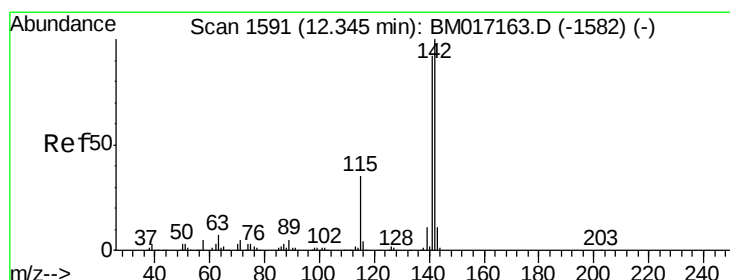
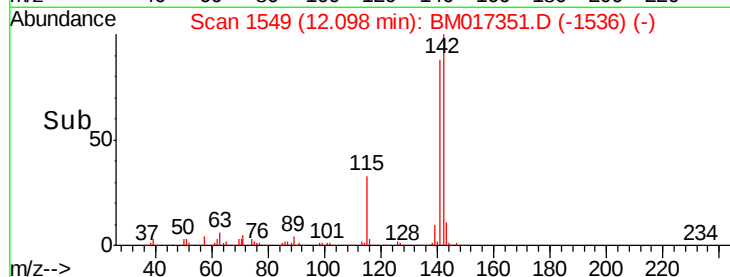
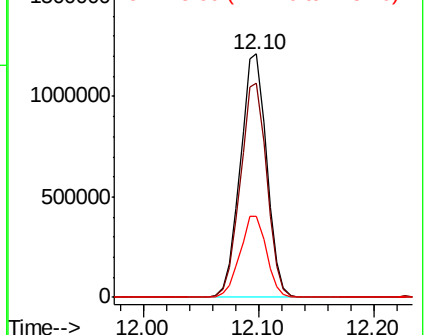
142 100

141 88.0 70.9 106.3

115 33.1 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.357 ng

RT: 12.32 min Scan# 1586

Delta R.T. -0.03 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

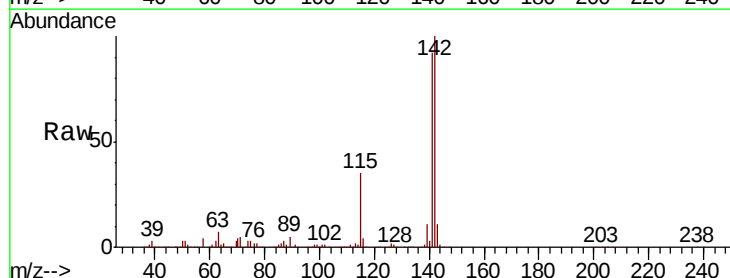
Tgt Ion:142 Resp: 1825984

Ion Ratio Lower Upper

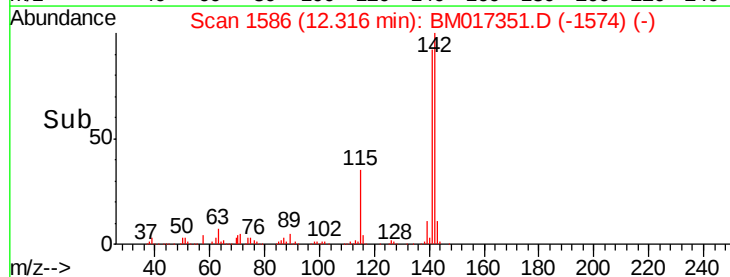
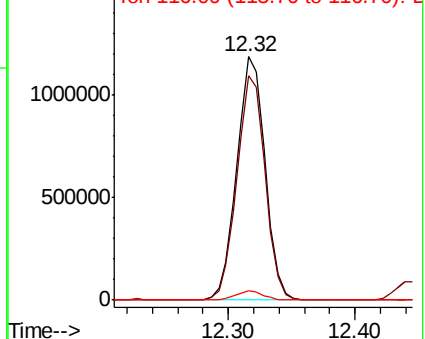
142 100

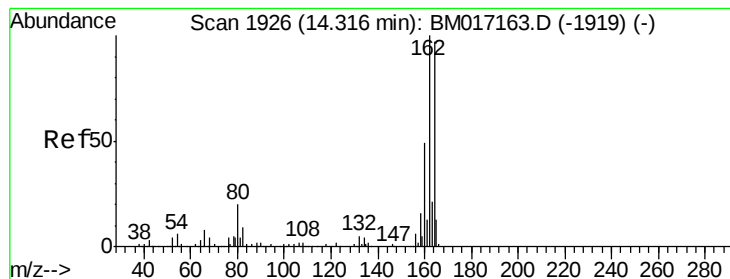
141 92.2 73.8 110.6

116 3.6 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

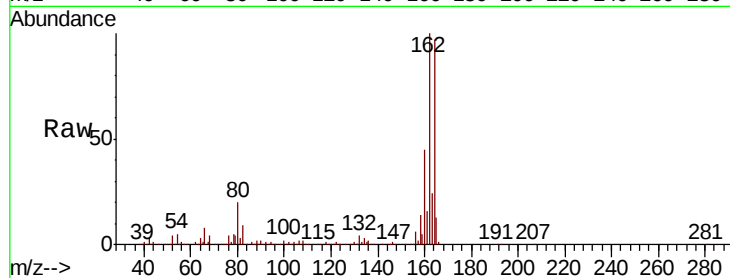
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 754167

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.1	123.1
160	46.0	40.2	60.2

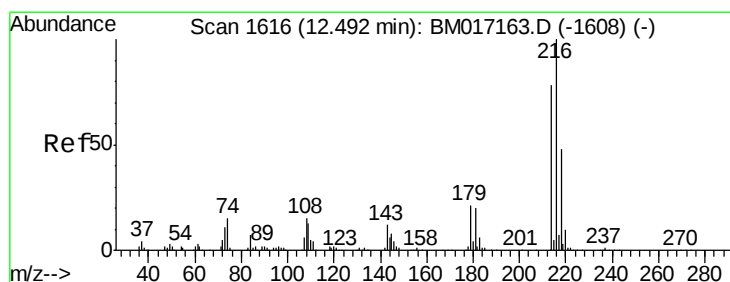
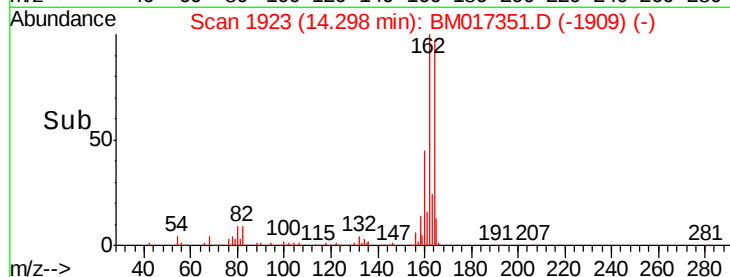
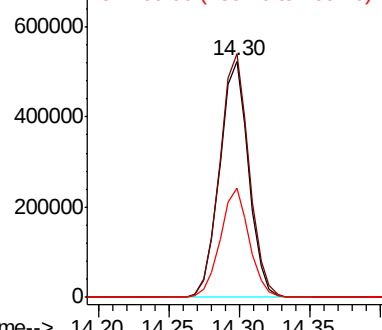


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.636 ng

RT: 12.47 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:216 Resp: 973031

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	93.8
179	20.7	16.6	24.8
108	19.3	13.5	20.3

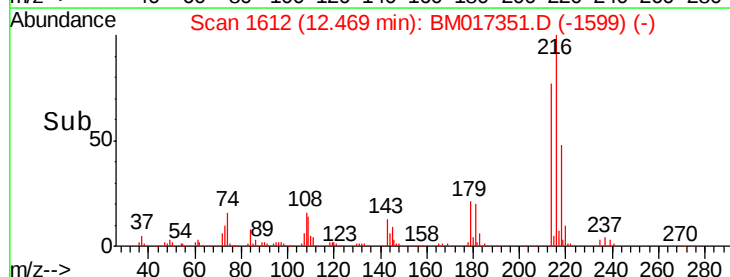
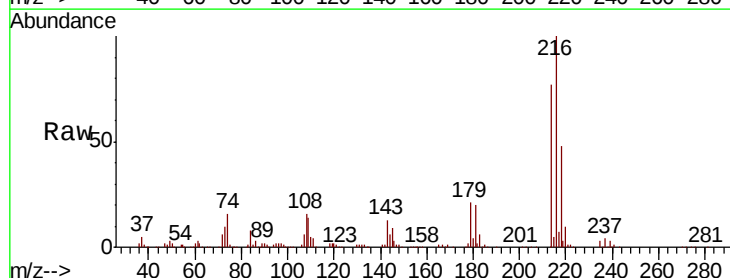
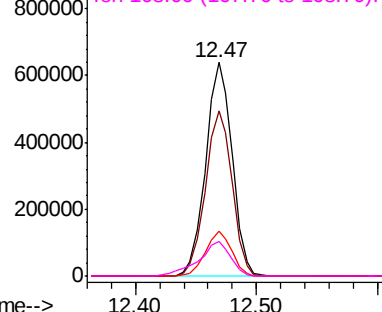
Abundance

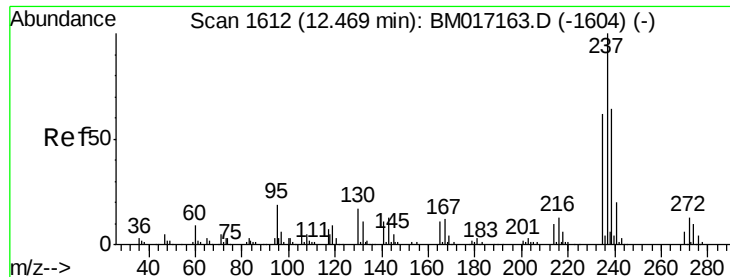
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.139 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampled :

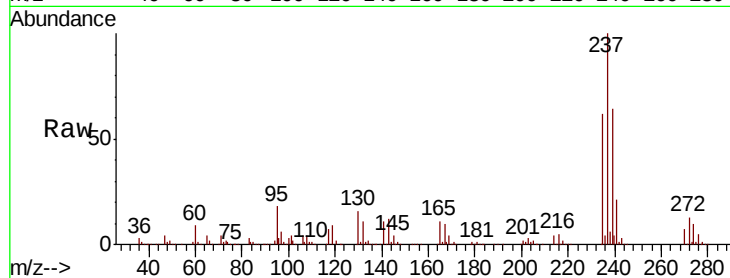
Tot Ion:237 Resp: 1208707

Ion Ratio Lower Upper

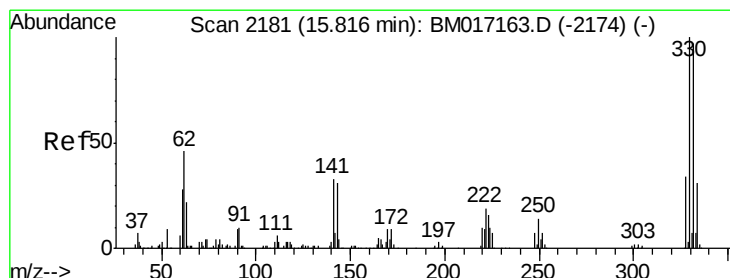
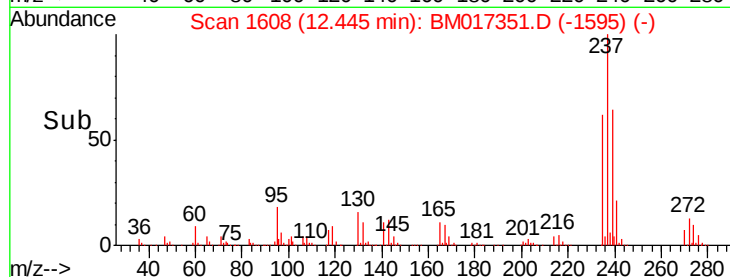
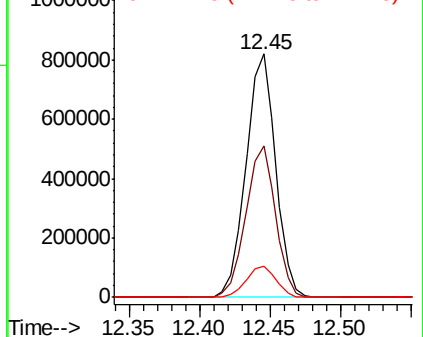
237 100

235 62.3 42.4 82.4

272 13.0 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.889 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

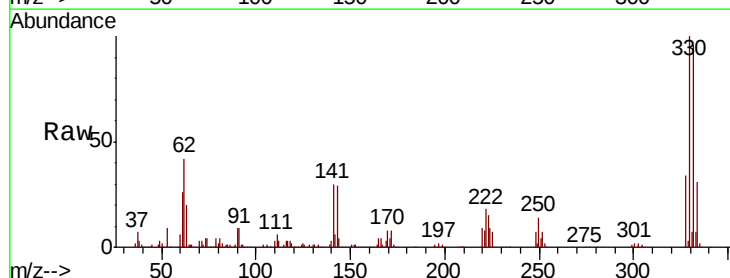
Tgt Ion:330 Resp: 1283943

Ion Ratio Lower Upper

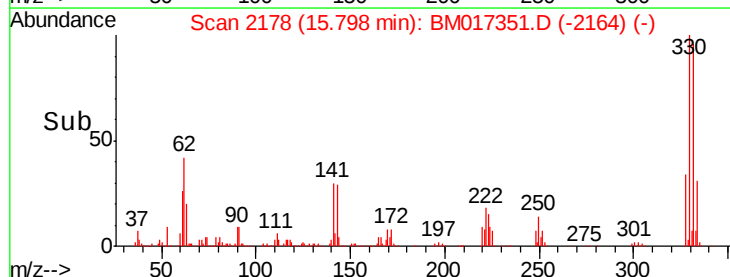
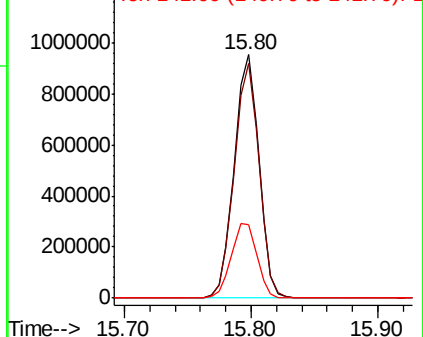
330 100

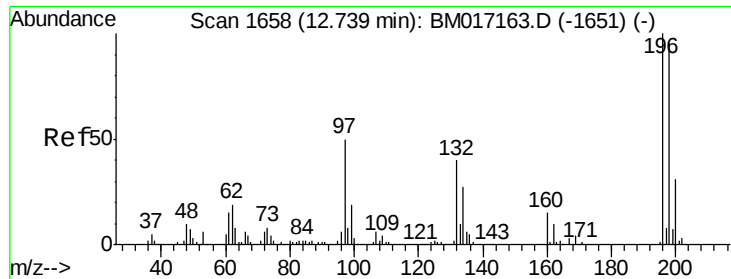
332 96.7 77.3 115.9

141 31.9 27.4 41.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

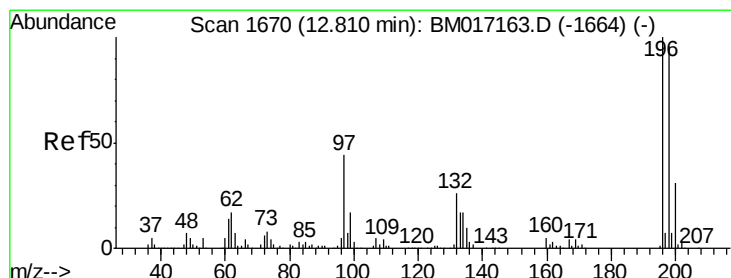
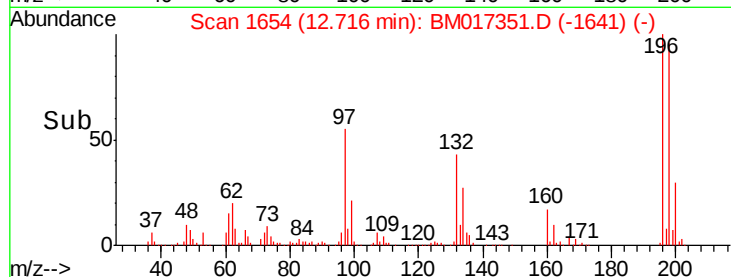
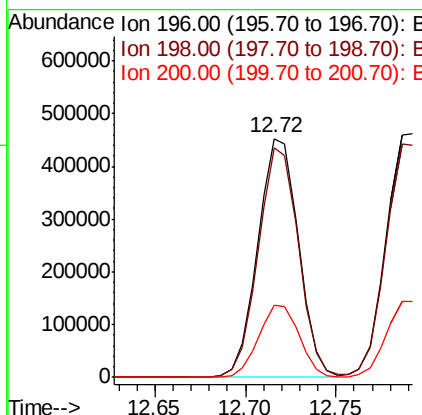
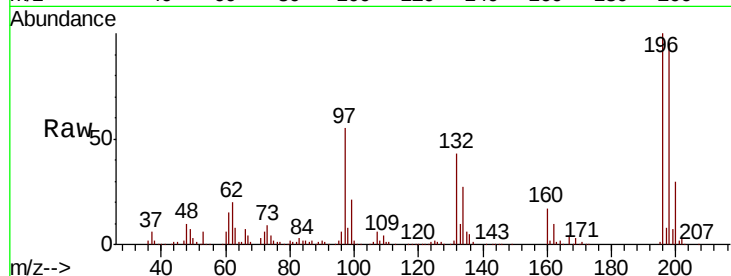




#43
 2,4,6-Trichlorophenol
 Concen: 45.819 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

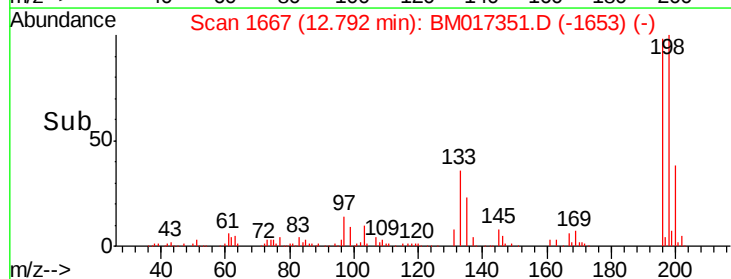
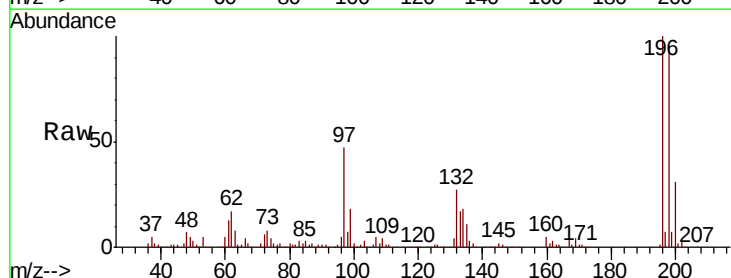
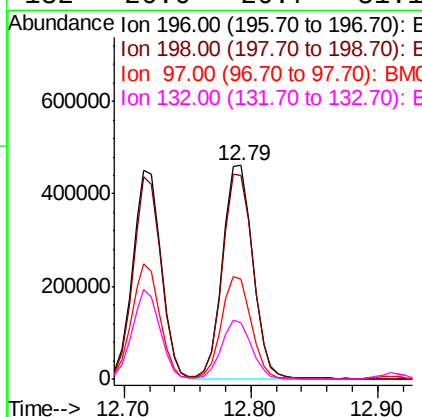
Instrument :
 BNA_M
 ClientSampleId :

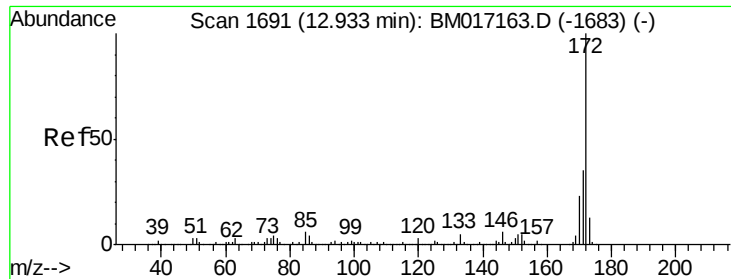
Tot Ion	196	Resp	706424
Ion Ratio	Lower	Upper	
196	100		
198	96.4	77.1	115.7
200	30.5	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.919 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	196	Resp	759175
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.6	115.0
97	46.7	35.5	53.3
132	26.6	20.7	31.1



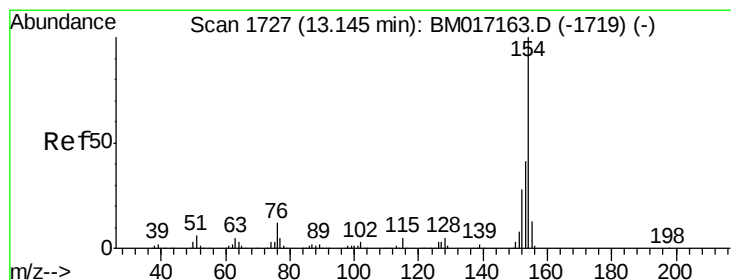
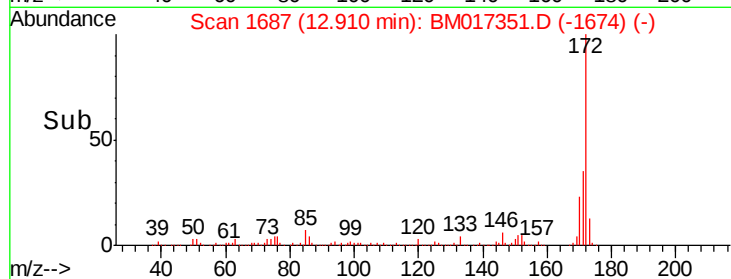
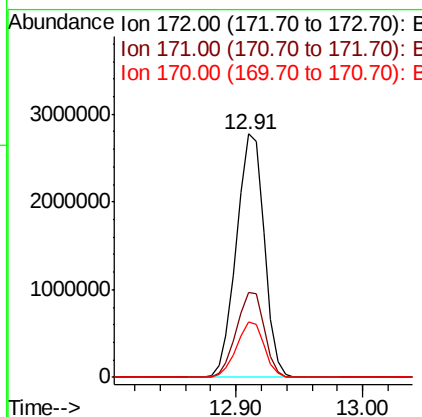
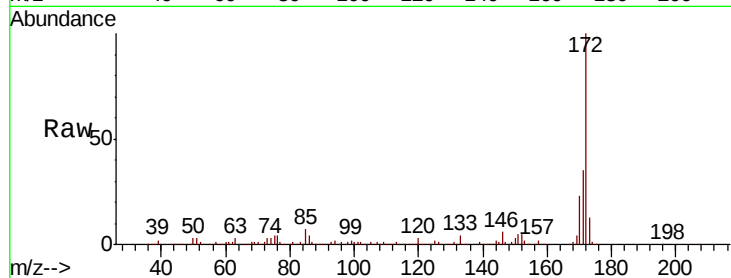


#45
 2-Fluorobiphenyl
 Concen: 74.236 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 4207759

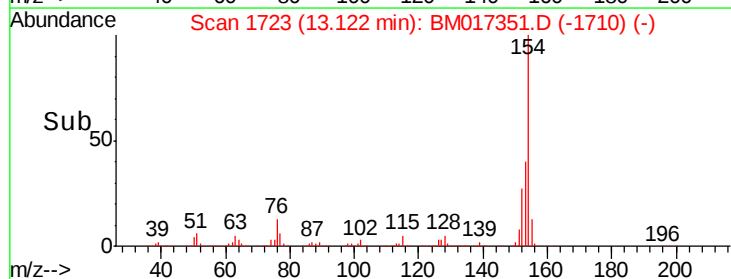
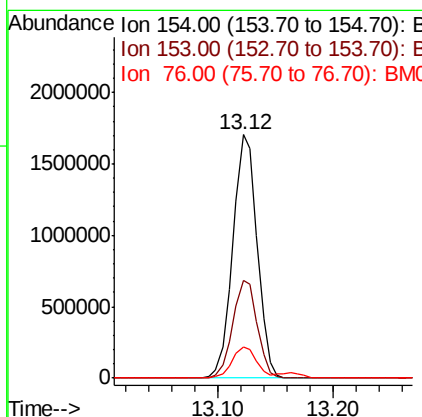
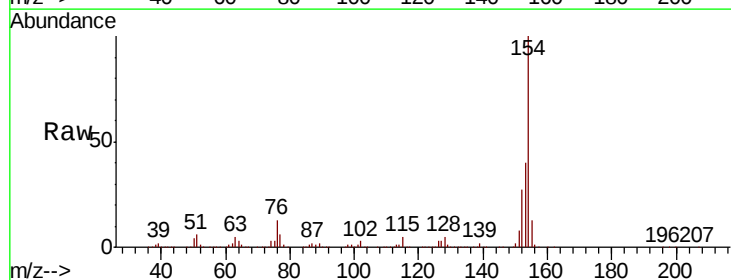
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.8	18.3	27.5

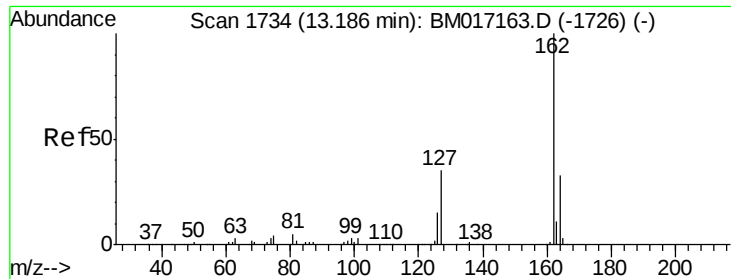


#46
 1,1'-Biphenyl
 Concen: 36.576 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion:154 Resp: 2482324

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.5	60.5
76	13.0	0.0	31.8

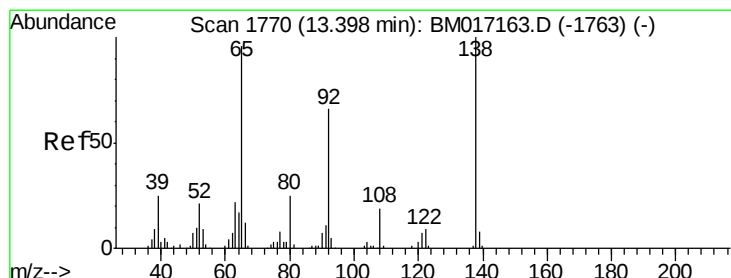
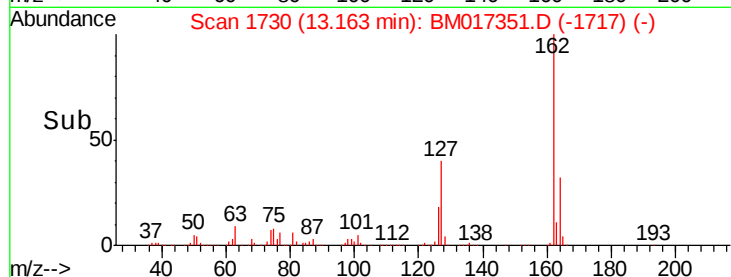
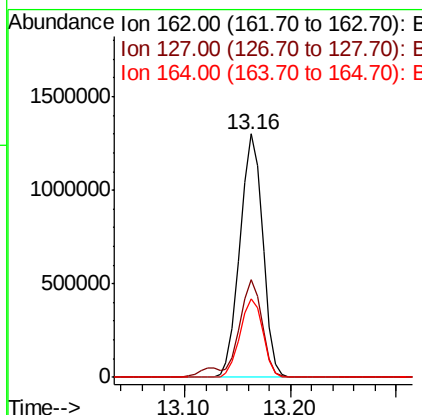
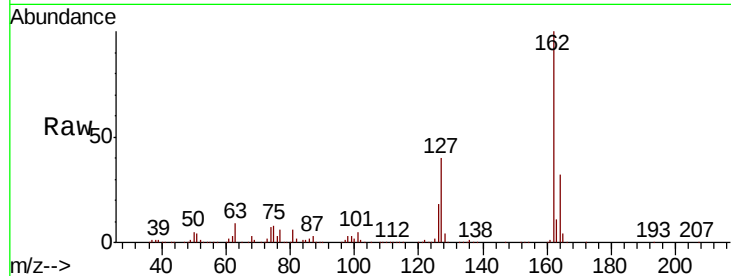




#47
2-Chloronaphthalene
Concen: 38.880 ng
RT: 13.16 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

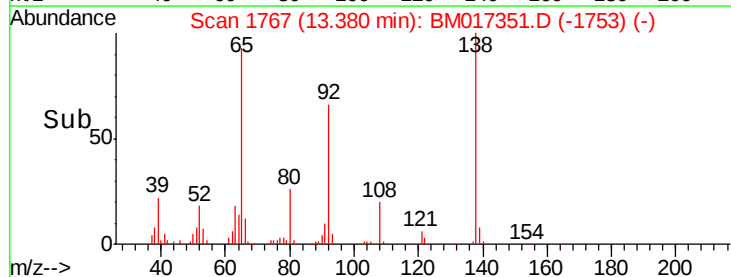
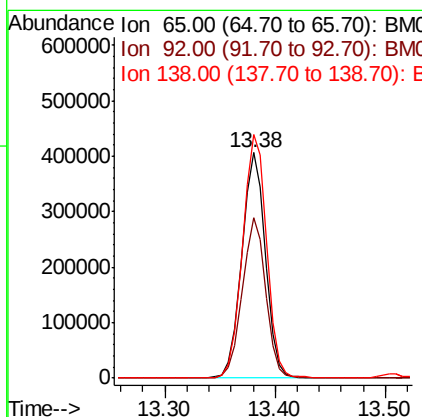
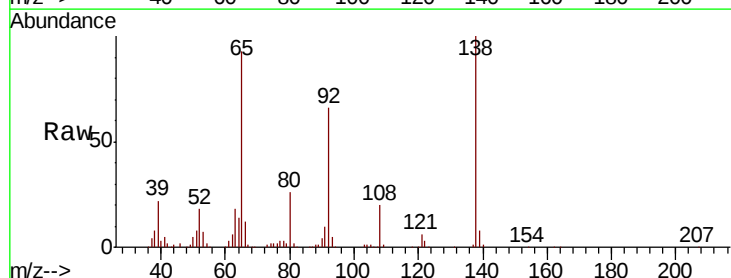
Instrument :
BNA_M
ClientSampleId :

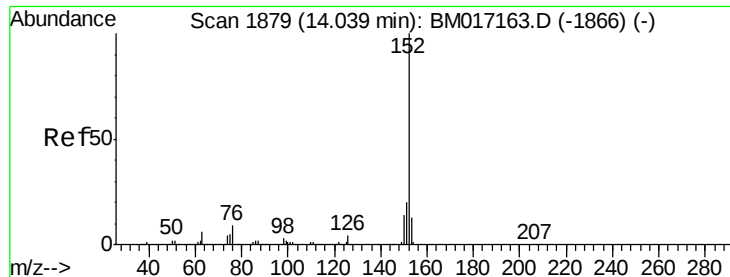
Tot Ion:162 Resp: 1941201
Ion Ratio Lower Upper
162 100
127 39.9 31.0 46.4
164 32.4 26.6 39.8



#48
2-Nitroaniline
Concen: 43.990 ng
RT: 13.38 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion: 65 Resp: 612901
Ion Ratio Lower Upper
65 100
92 71.4 54.9 82.3
138 108.0 83.7 125.5





#49

Acenaphthylene

Concen: 44.642 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

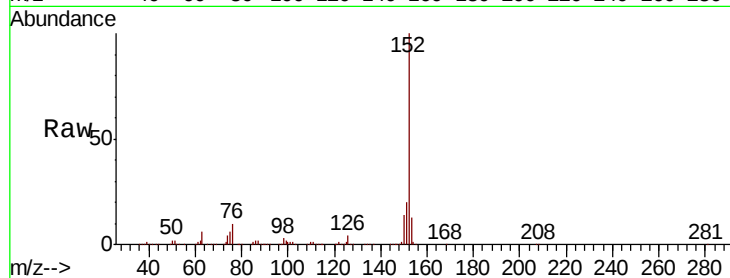
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 3230731

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.4	15.6

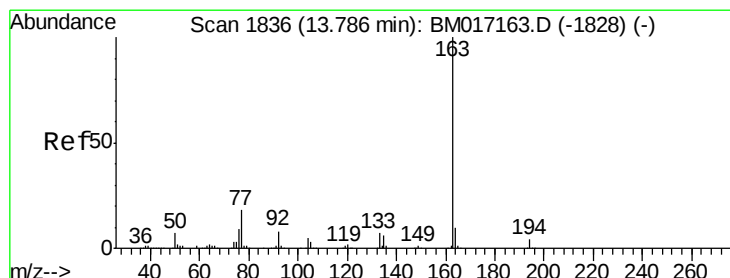
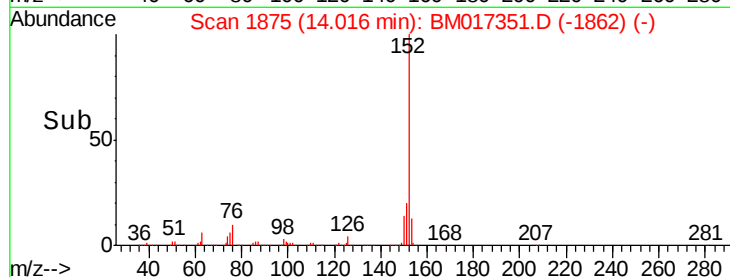
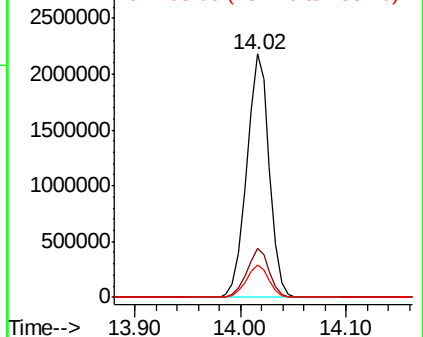


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.779 ng

RT: 13.77 min Scan# 1833

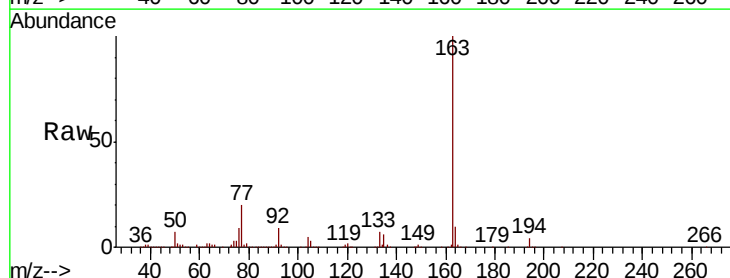
Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:163 Resp: 2489081

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.0	7.8	11.8

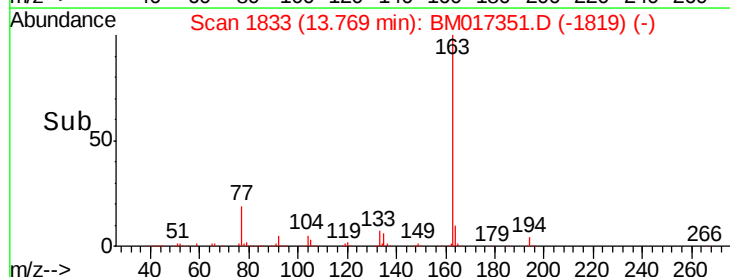
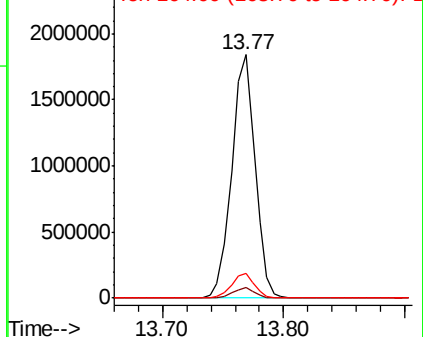


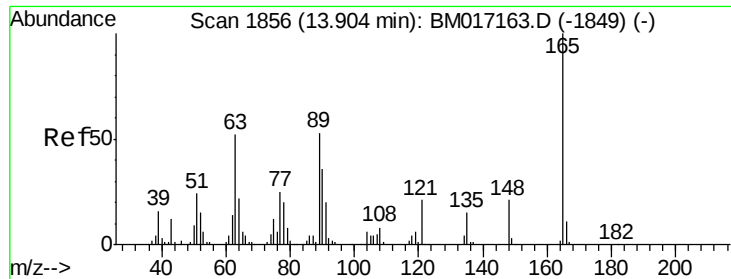
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.213 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

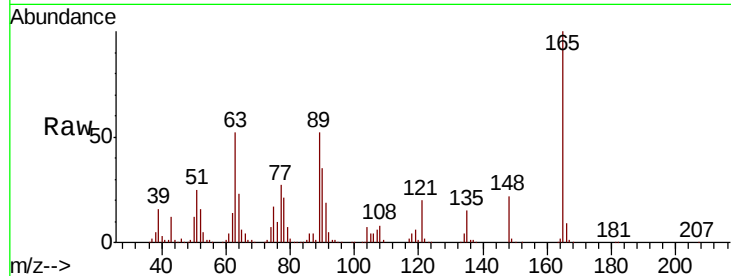
Tot Ion:165 Resp: 566203

Ion Ratio Lower Upper

165 100

63 51.8 42.7 64.1

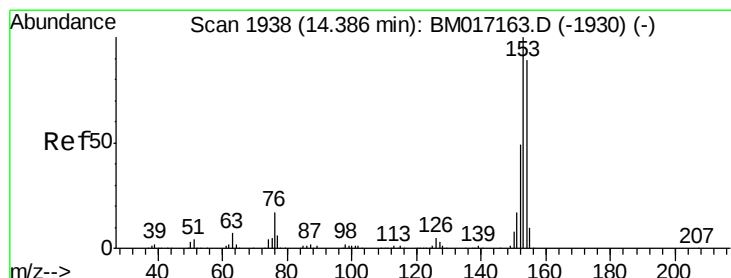
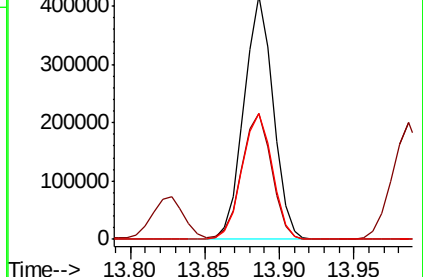
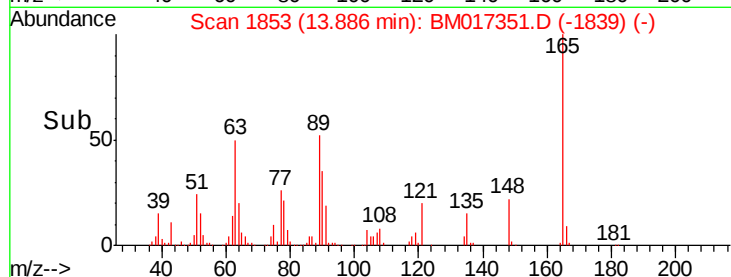
89 51.8 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 41.302 ng

RT: 14.36 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

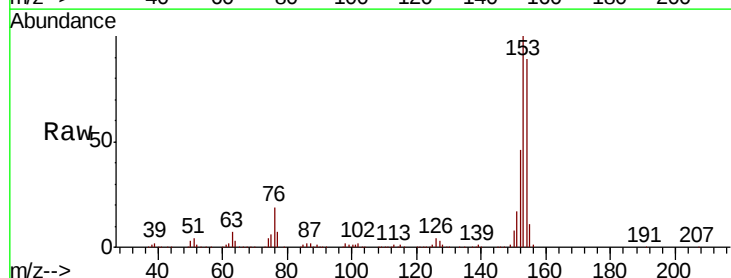
Tgt Ion:154 Resp: 1876727

Ion Ratio Lower Upper

154 100

153 112.4 90.2 135.2

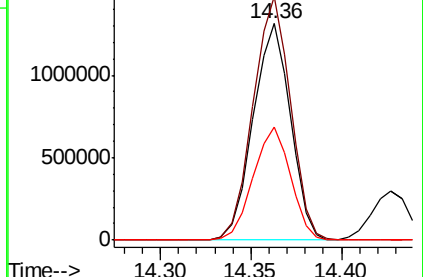
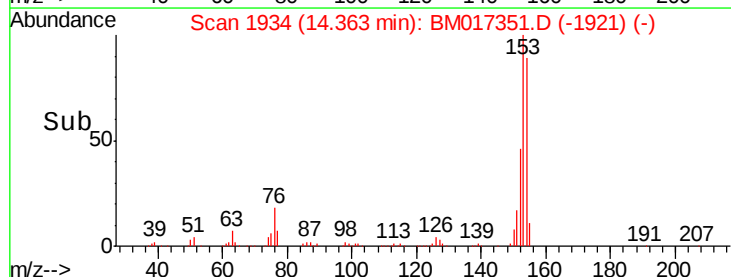
152 52.2 44.2 66.4

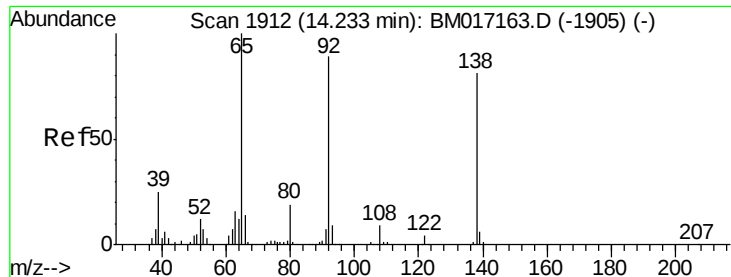


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

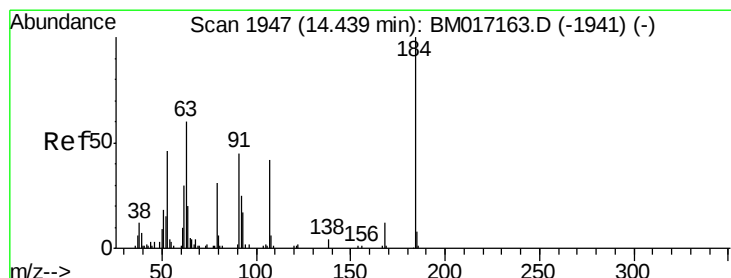
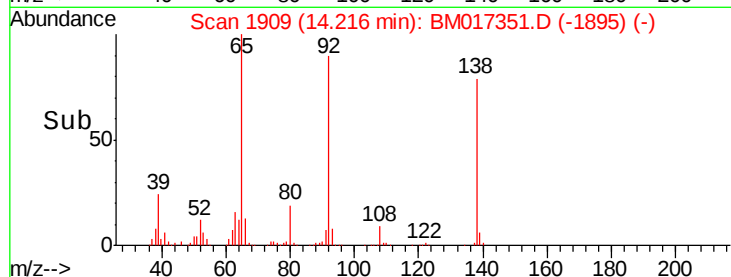
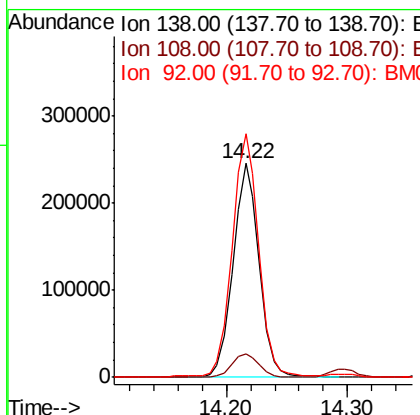
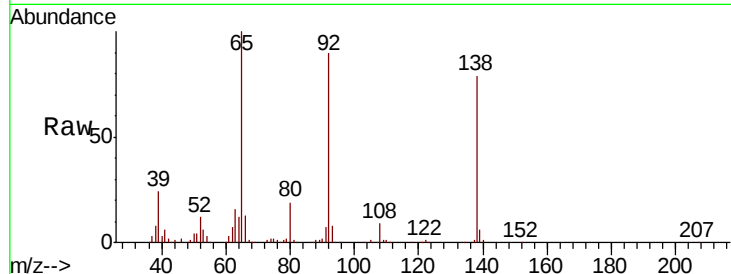




#53
 3-Nitroaniline
 Concen: 26.535 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

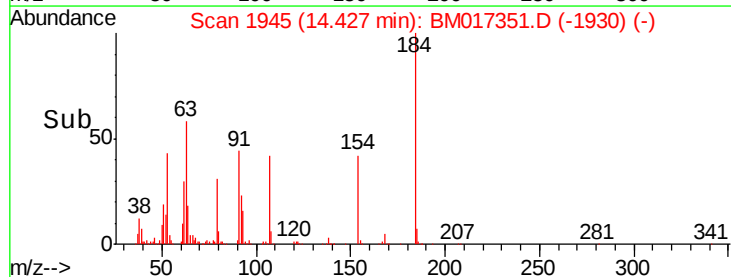
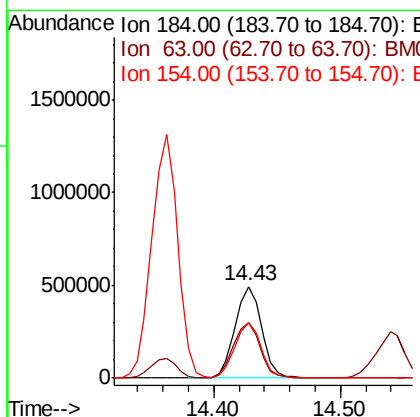
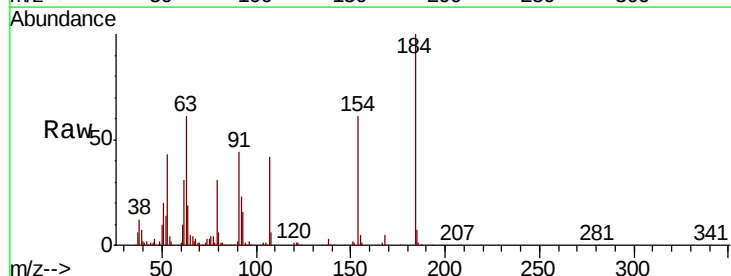
Instrument :
 BNA_M
 ClientSampleId :

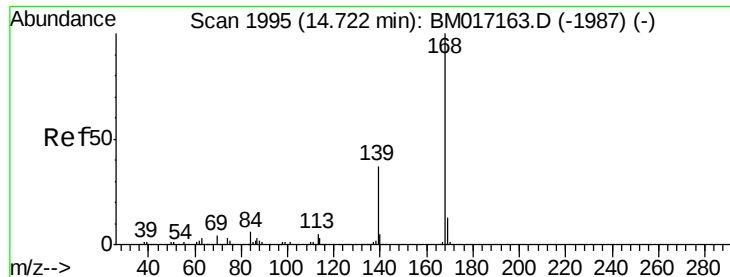
Tot Ion:138 Resp: 368033
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.7 13.1
 92 114.0 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 93.982 ng
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion:184 Resp: 718101
 Ion Ratio Lower Upper
 184 100
 63 60.5 51.2 76.8
 154 60.5 47.8 71.8





#55

Dibenzenofuran

Concen: 40.220 ng

RT: 14.70 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampled :

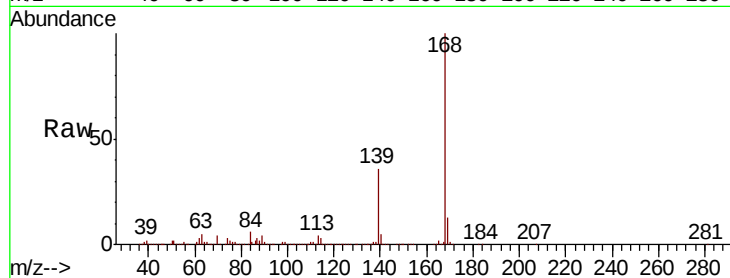
Tot Ion:168 Resp: 3039188

Ion Ratio Lower Upper

168 100

139 36.0 29.3 43.9

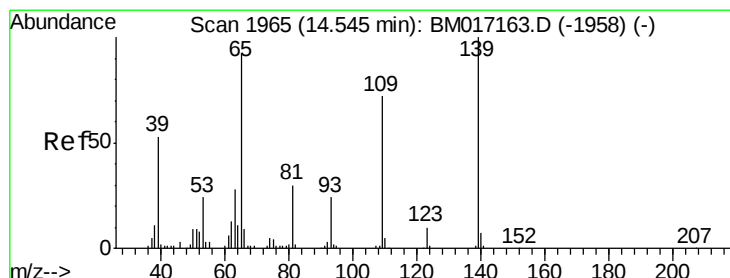
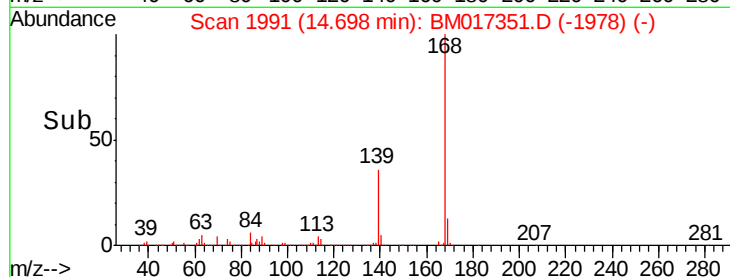
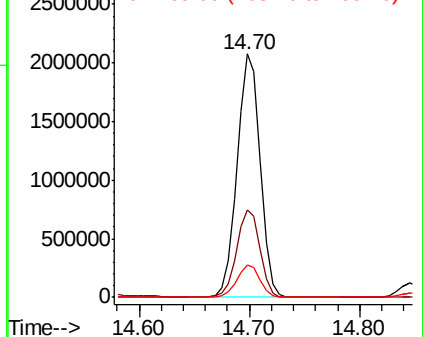
169 13.3 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 113.578 ng

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

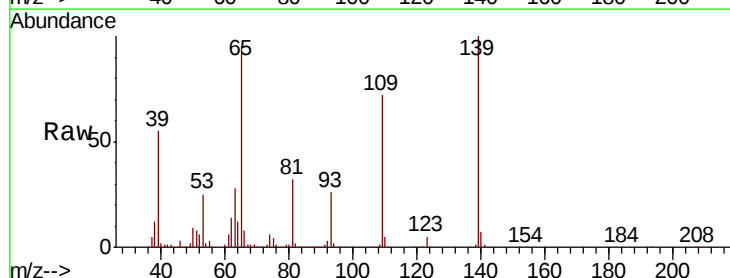
Tgt Ion:139 Resp: 1462292

Ion Ratio Lower Upper

139 100

109 71.7 51.8 91.8

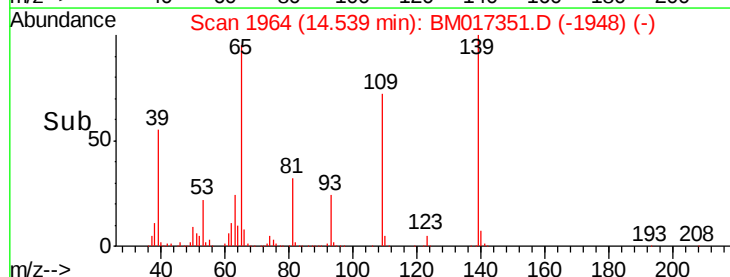
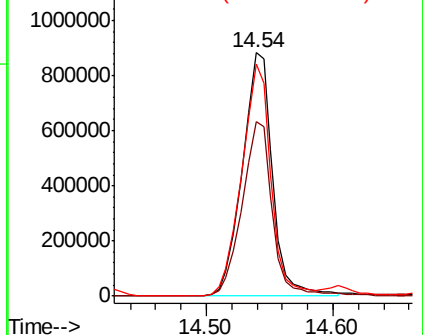
65 95.5 72.1 112.1

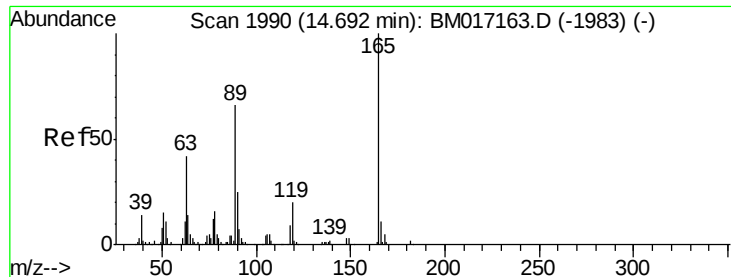


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

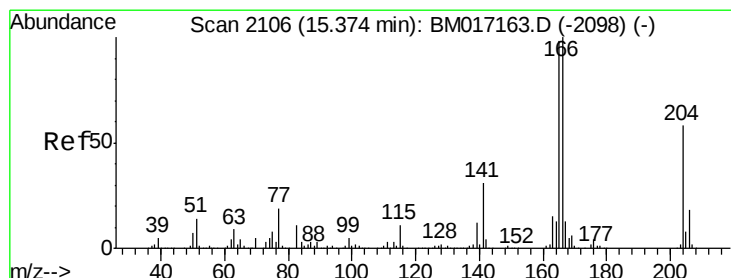
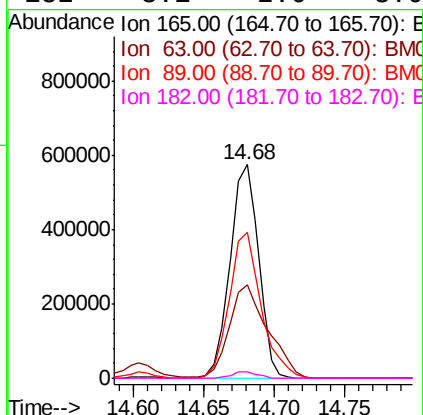
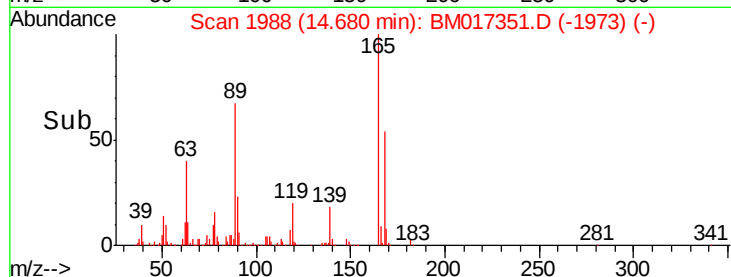
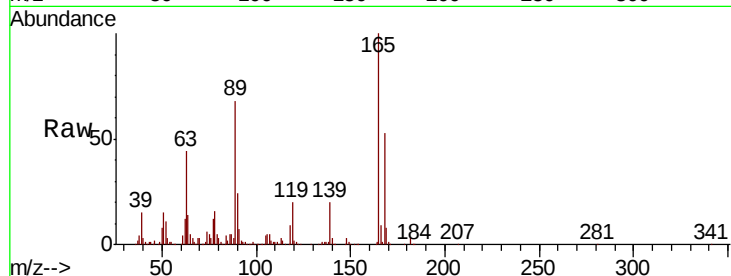




#57
2,4-Dinitrotoluene
Concen: 47.102 ng
RT: 14.68 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

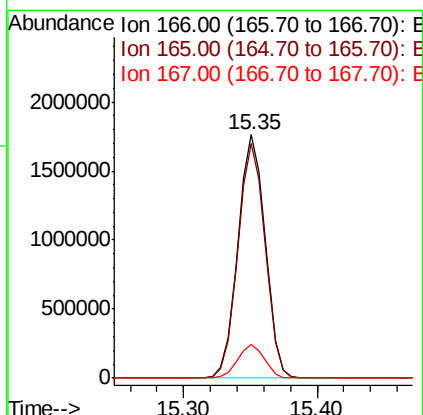
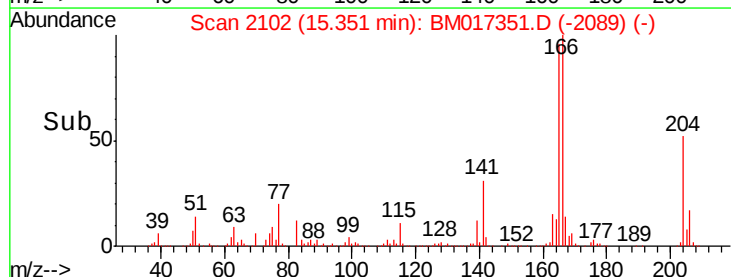
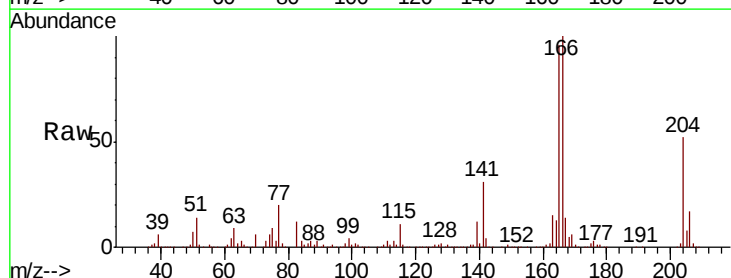
Instrument :
BNA_M
ClientSampleId :

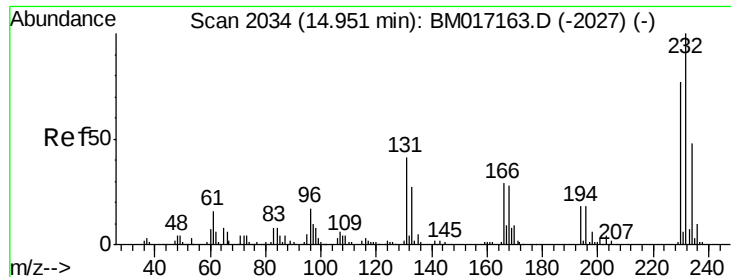
Tot Ion:165 Resp: 810710
Ion Ratio Lower Upper
165 100
63 43.7 33.8 50.8
89 68.3 53.1 79.7
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 44.315 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion:166 Resp: 2478592
Ion Ratio Lower Upper
166 100
165 96.3 78.1 117.1
167 13.8 10.6 16.0

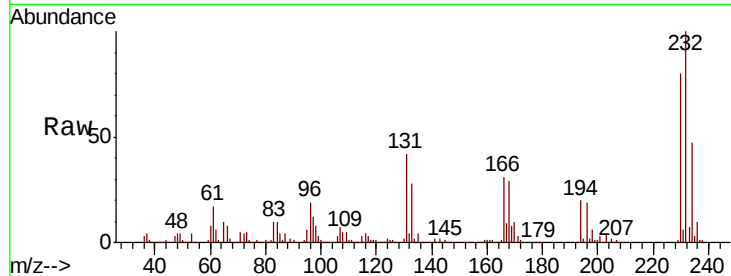




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.817 ng
 RT: 14.93 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.1	49.7
130	2.1	1.7	2.5
166	30.3	24.4	36.6



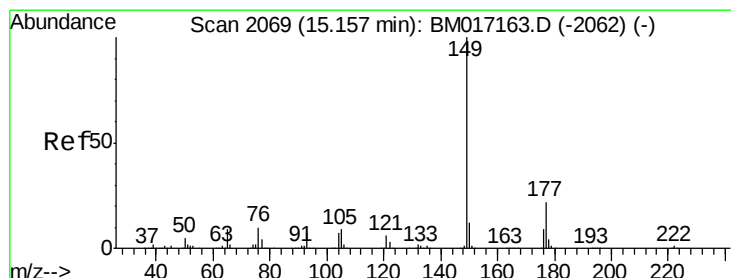
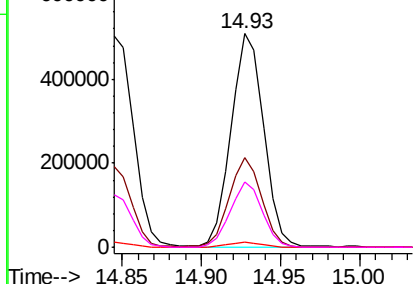
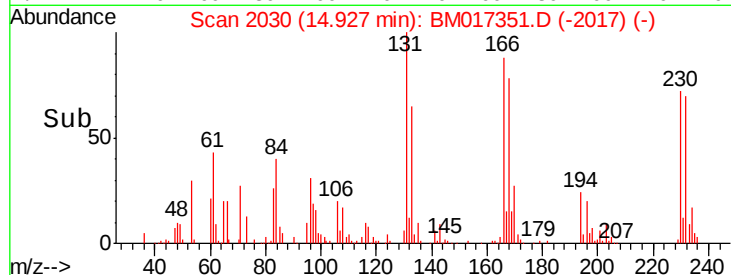
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

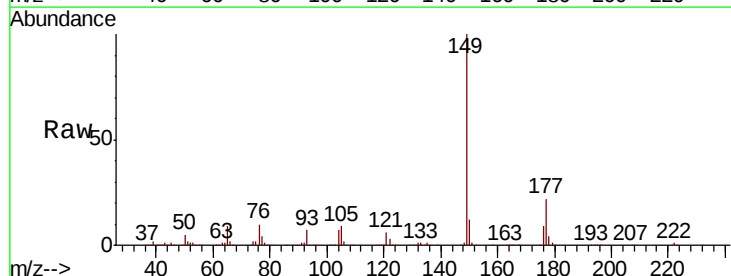
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.619 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.2	10.0	15.0

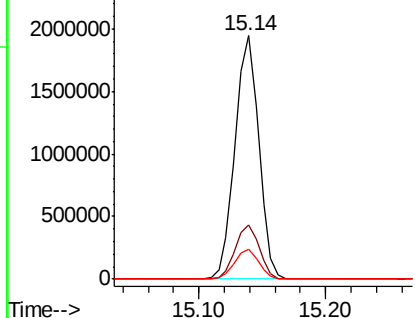
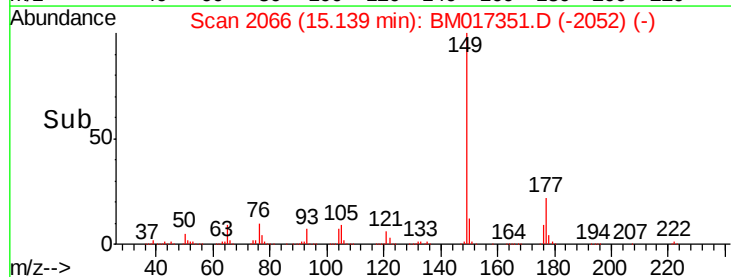


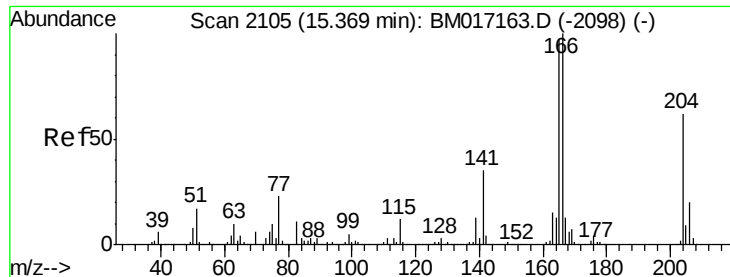
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

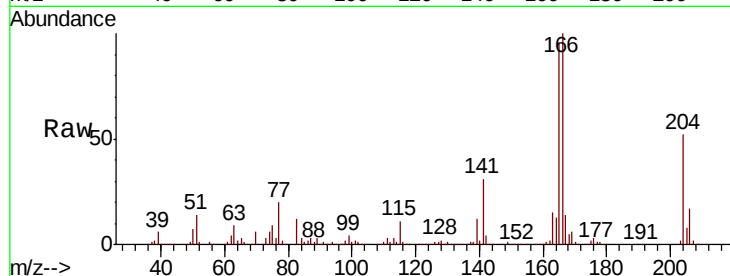




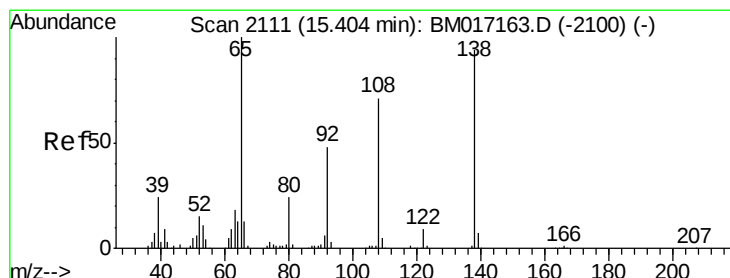
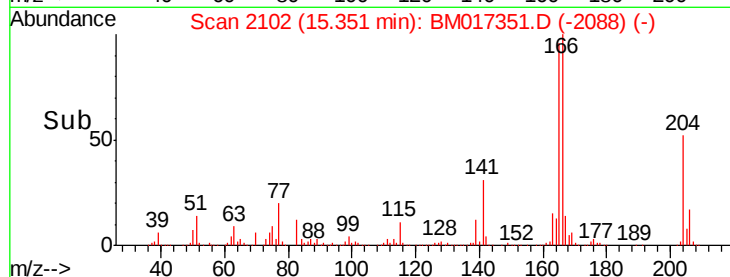
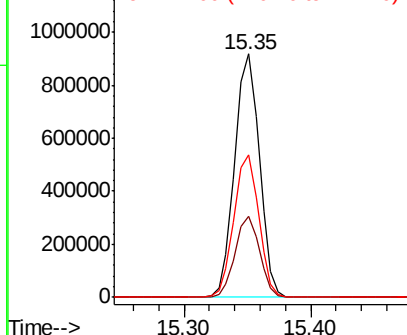
#61
4-Chlorophenyl-phenylether
Concen: 38.979 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleID :

Tot Ion:204 Resp: 1242869
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 58.6 45.4 68.2

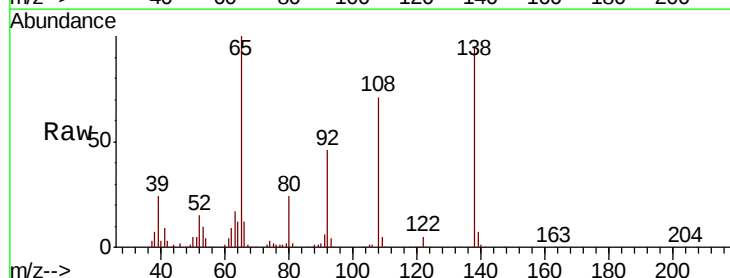


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

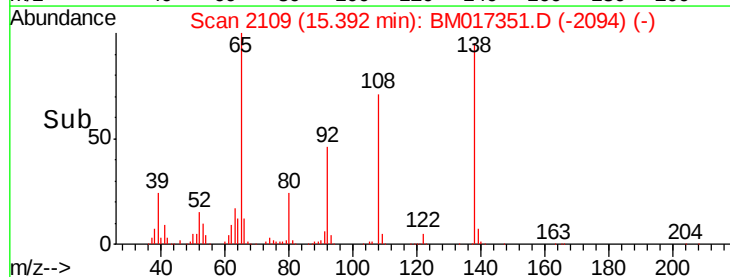
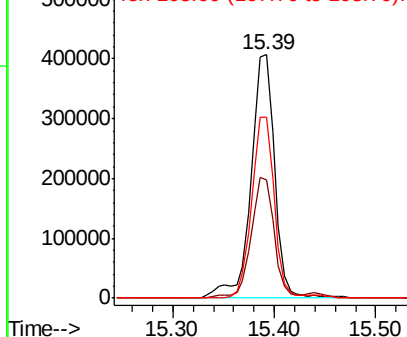


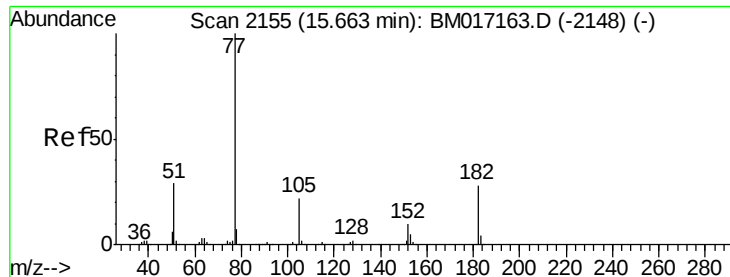
#62
4-Nitroaniline
Concen: 43.283 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion:138 Resp: 661932
Ion Ratio Lower Upper
138 100
92 48.7 31.2 71.2
108 74.3 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

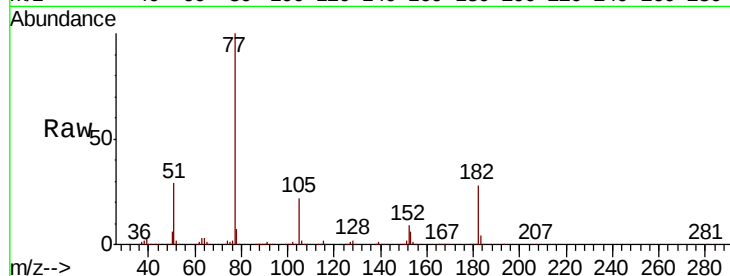




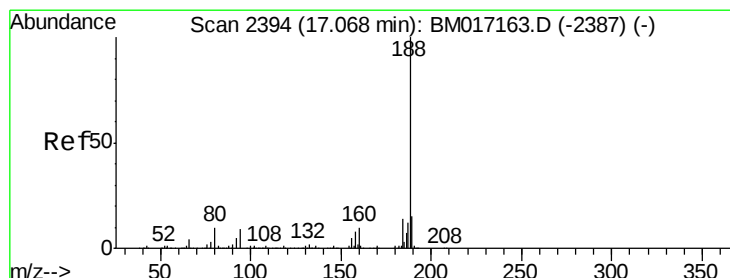
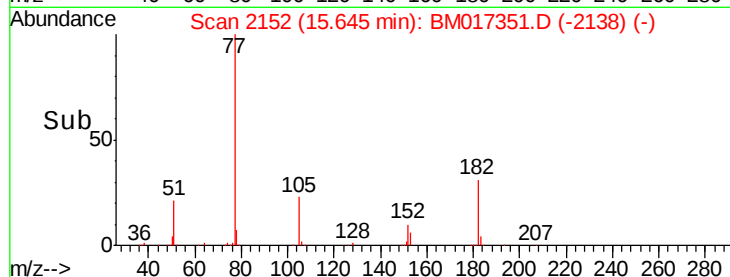
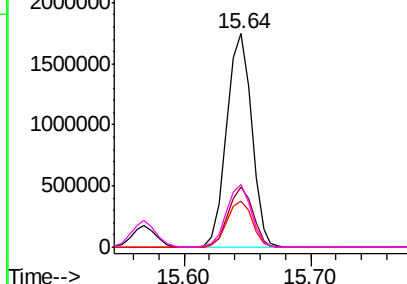
#63
Azobenzene
Concen: 42.411 ng
RT: 15.64 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2378670
Ion Ratio Lower Upper
77 100
182 28.1 8.3 48.3
105 21.6 1.5 41.5
51 29.4 8.8 48.8

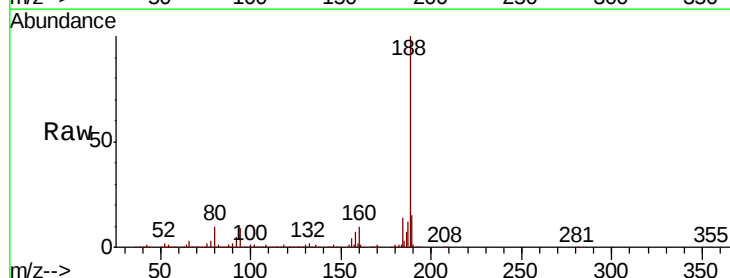


Abundance Ion 77.00 (76.70 to 77.70): BM017351.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017351.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017351.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017351.D (-2148) (-)

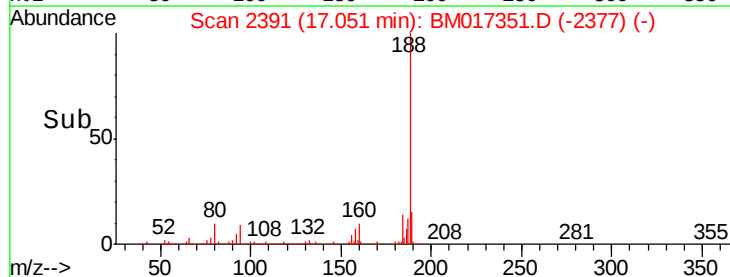
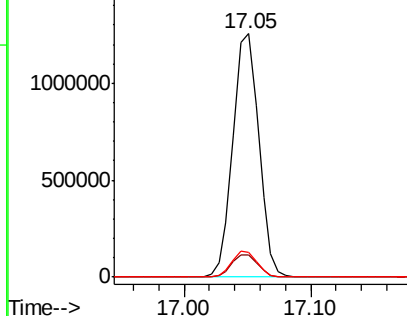


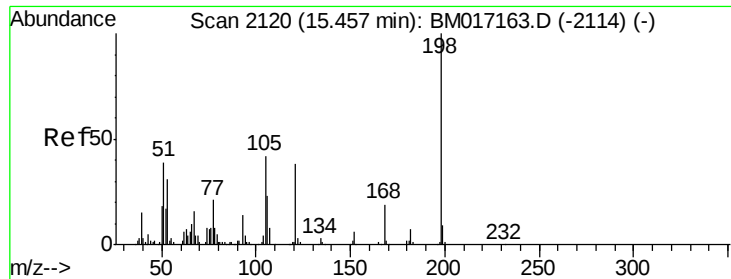
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion: 188 Resp: 1777352
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017351.D (-2377) (-)
Ion 94.00 (93.70 to 94.70): BM017351.D (-2377) (-)
Ion 80.00 (79.70 to 80.70): BM017351.D (-2377) (-)

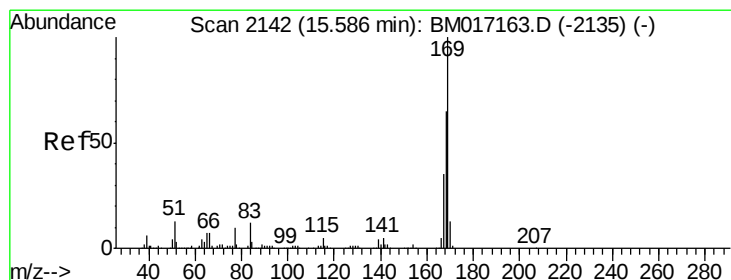
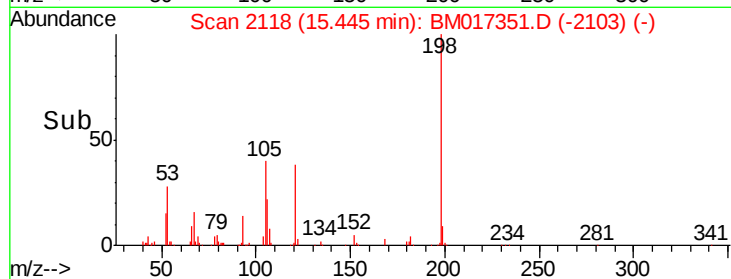
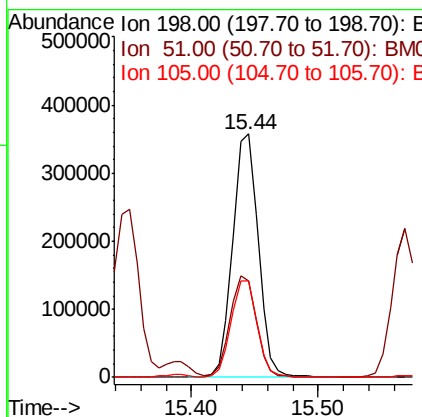
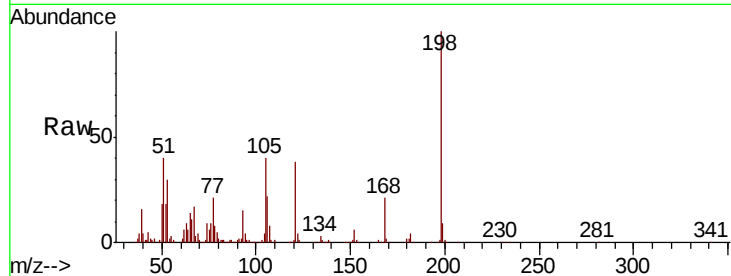




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.240 ng
 RT: 15.44 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

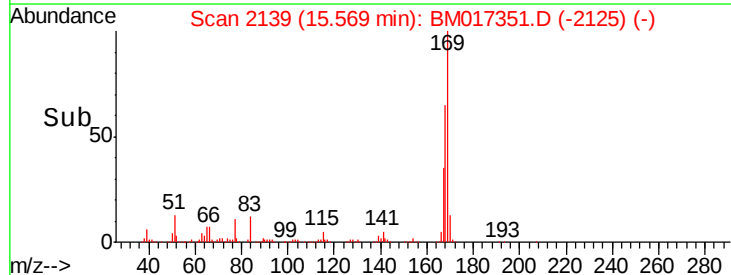
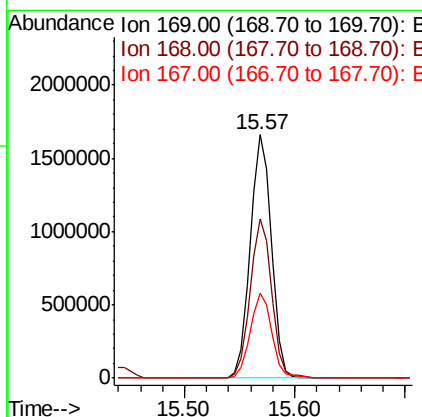
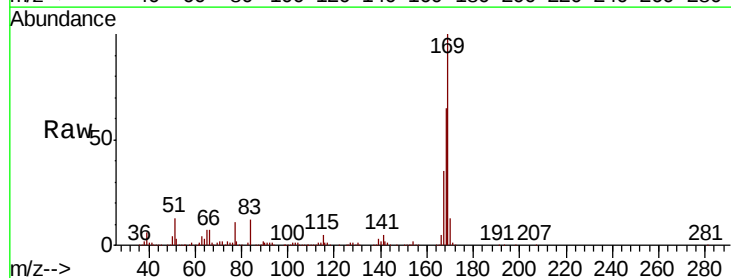
Instrument :
 BNA_M
 ClientSampled :

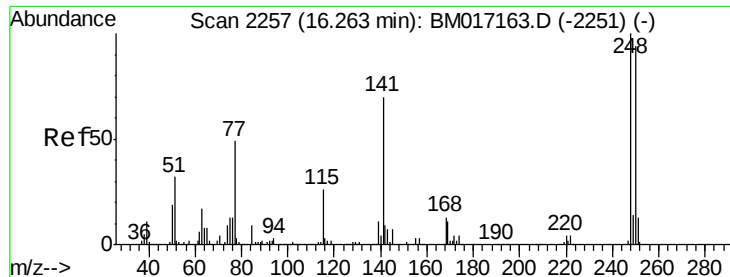
Tot Ion	198	Resp	497590
Ion Ratio	100	Lower	Upper
51	39.6	20.3	60.3
105	39.8	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 41.666 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion	169	Resp	2240545
Ion Ratio	100	Lower	Upper
168	65.2	52.2	78.4
167	34.9	28.4	42.6

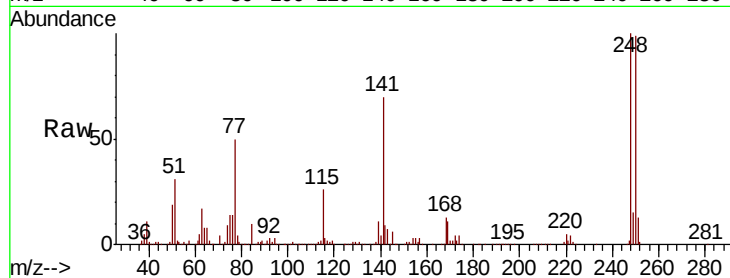




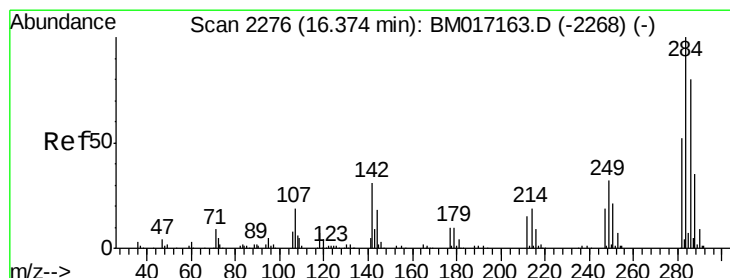
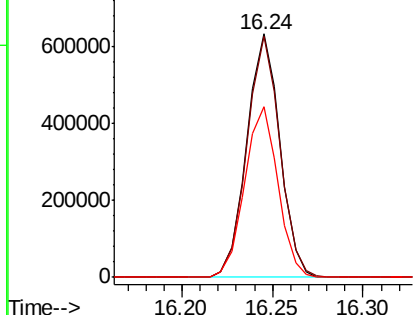
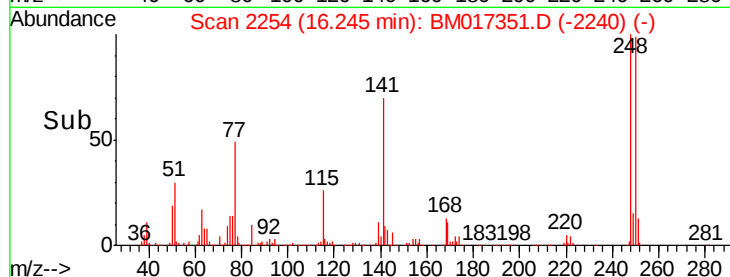
#67
4-Bromophenyl-phenylether
Concen: 41.351 ng
RT: 16.24 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 806976
Ion Ratio Lower Upper
248 100
250 99.0 75.1 112.7
141 70.3 55.6 83.4

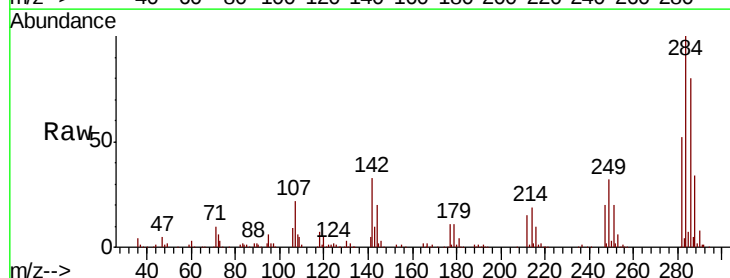


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

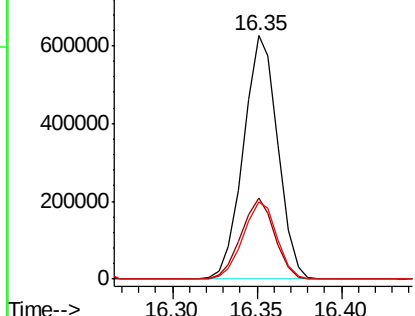
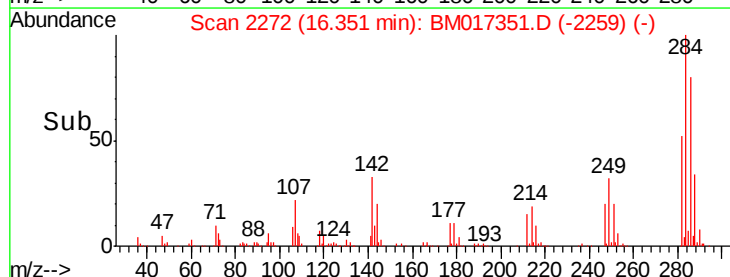


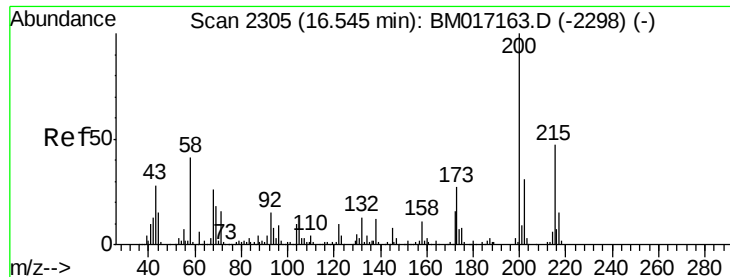
#68
Hexachlorobenzene
Concen: 38.912 ng
RT: 16.35 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion:284 Resp: 882096
Ion Ratio Lower Upper
284 100
142 33.3 25.0 37.6
249 31.9 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.071 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

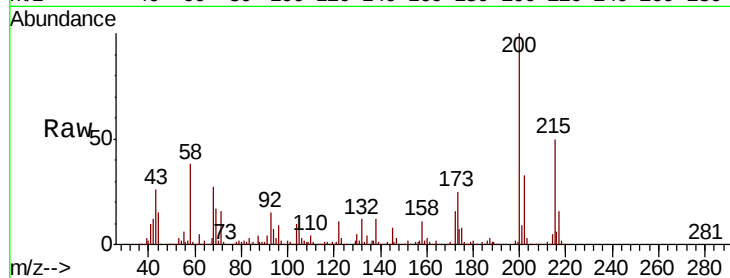
Tot Ion:200 Resp: 828943

Ion Ratio Lower Upper

200 100

173 25.5 7.0 47.0

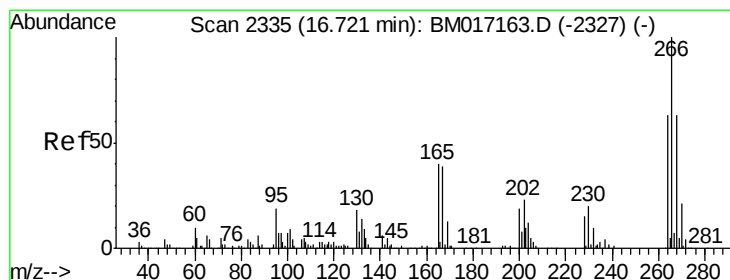
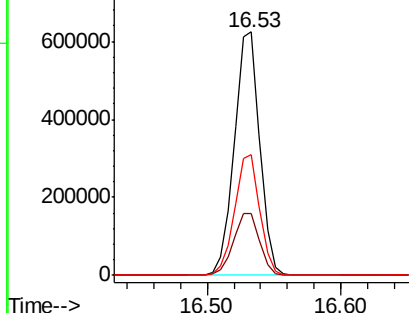
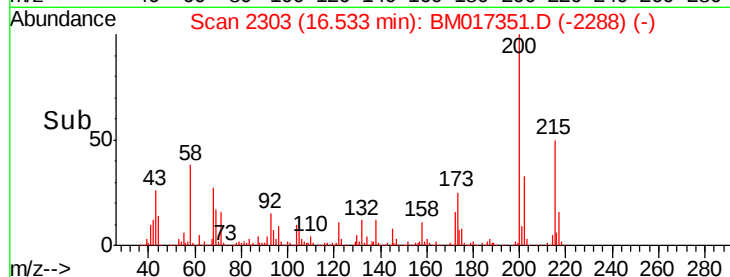
215 49.8 27.3 67.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.098 ng

RT: 16.70 min Scan# 2332

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

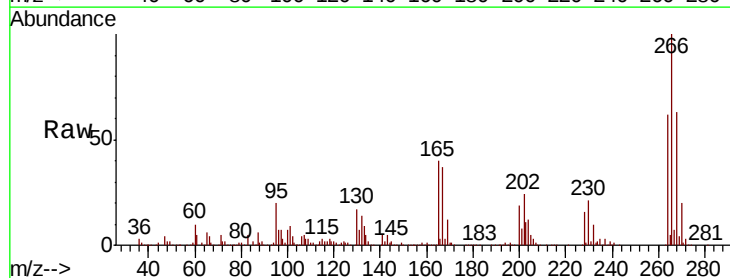
Tgt Ion:266 Resp: 1150673

Ion Ratio Lower Upper

266 100

268 63.4 50.7 76.1

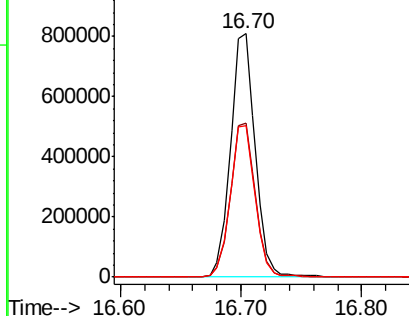
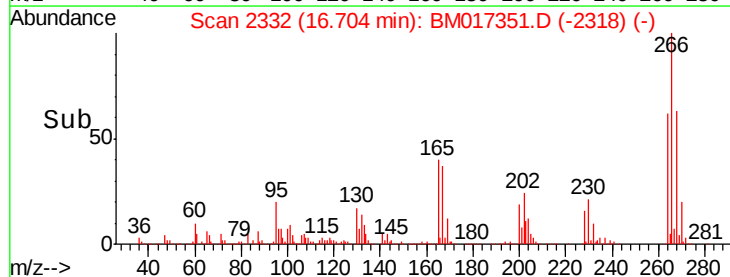
264 62.0 50.4 75.6

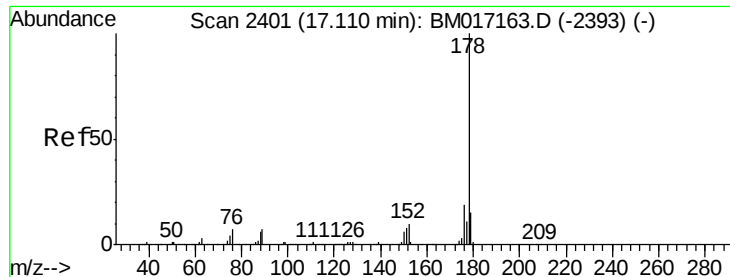


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

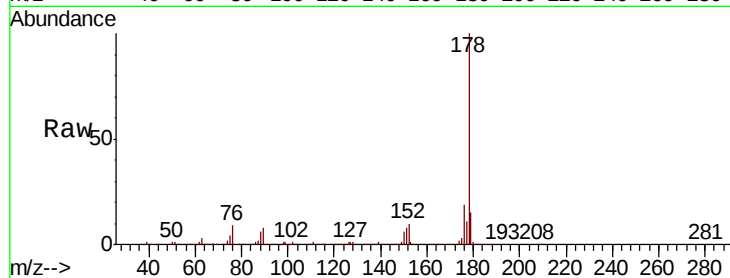




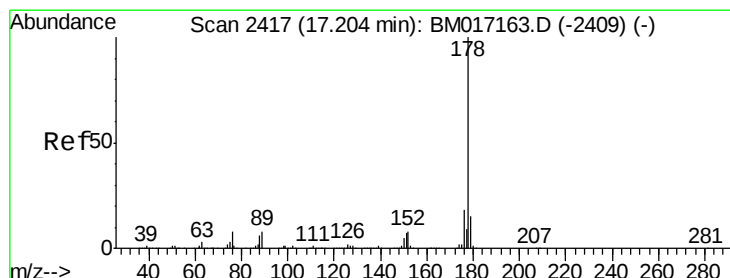
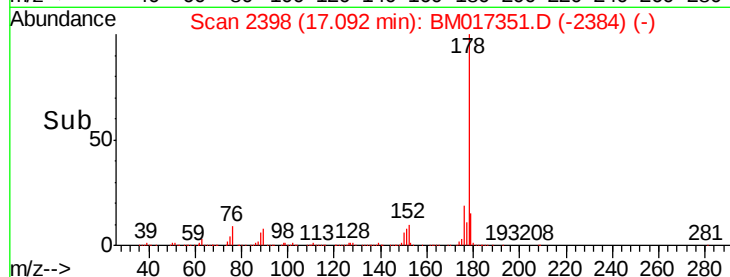
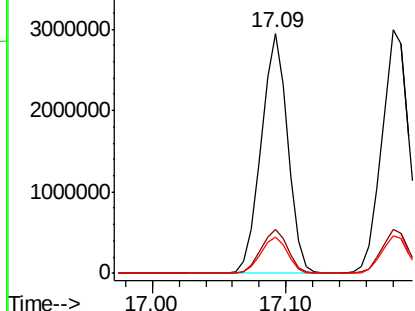
#71
Phenanthrene
Concen: 42.139 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 4040870
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.3 12.3 18.5

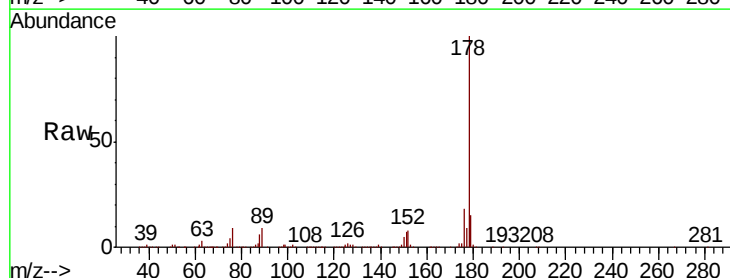


Abundance Ion 178.00 (177.70 to 178.70): E
4000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

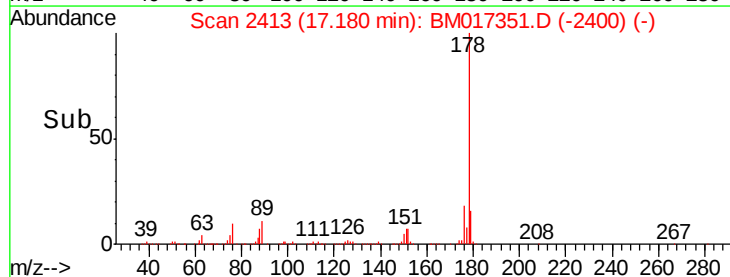
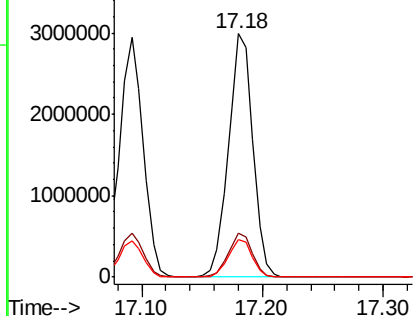


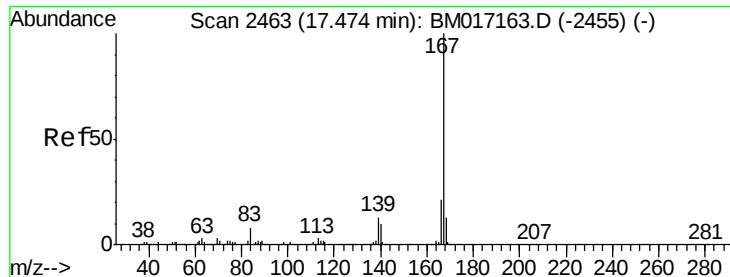
#72
Anthracene
Concen: 45.876 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BM017351.D
Acq: 26 Oct 2018 16:57

Tgt Ion:178 Resp: 4180089
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
4000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



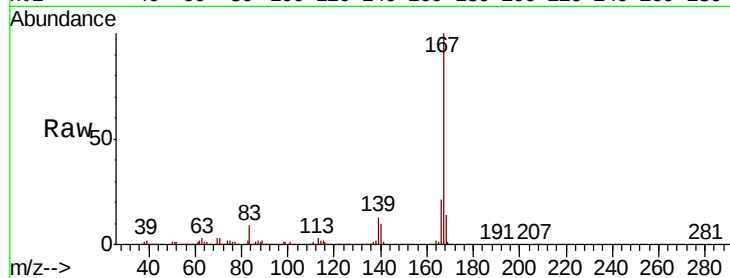


#73
 Carbazole
 Concen: 41.672 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

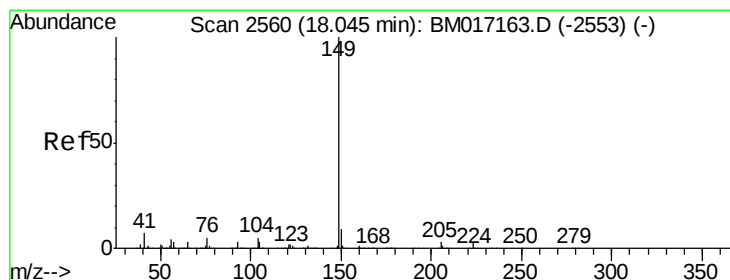
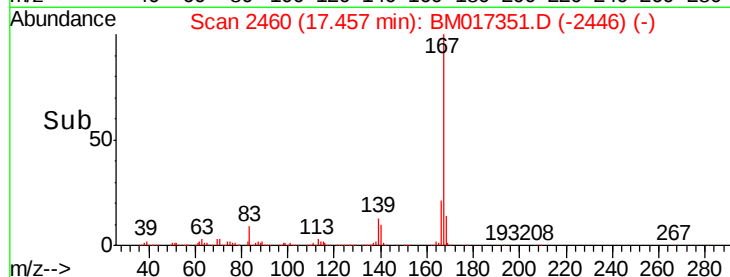
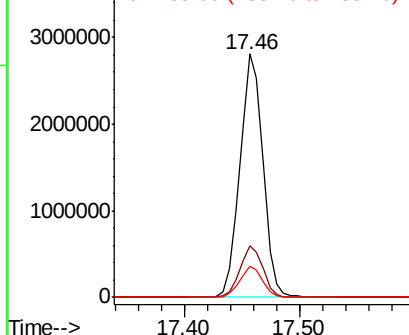
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3878614

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.9	10.1	15.1



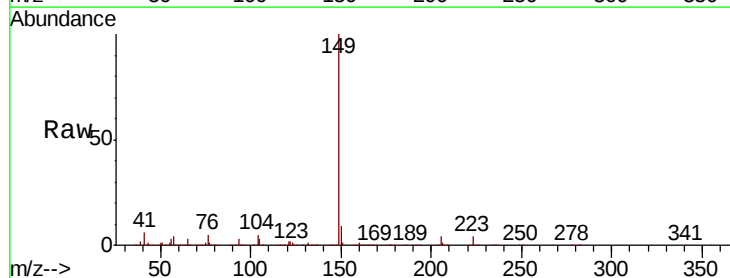
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



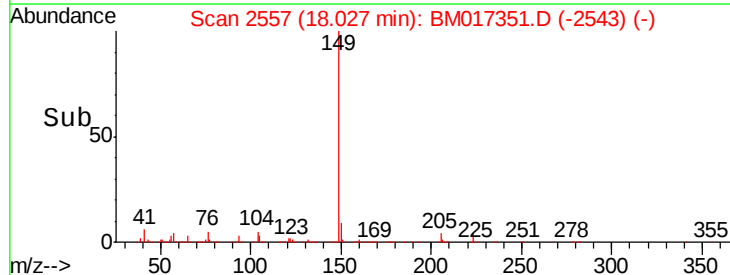
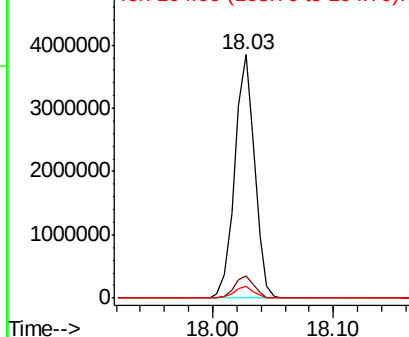
#74
 Di-n-butylphthalate
 Concen: 45.000 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

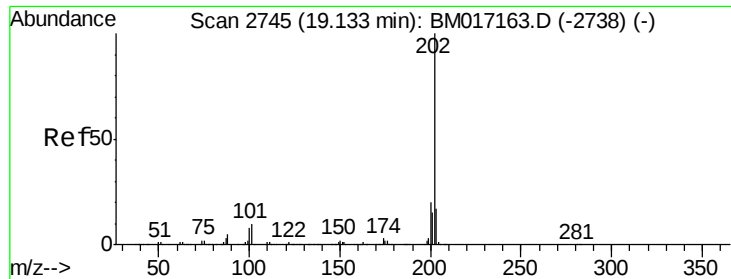
Tgt Ion:149 Resp: 4417549

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.9	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

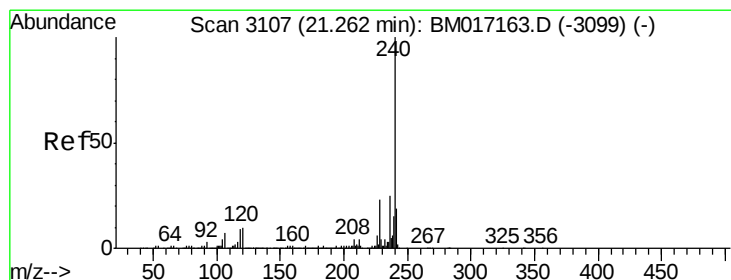
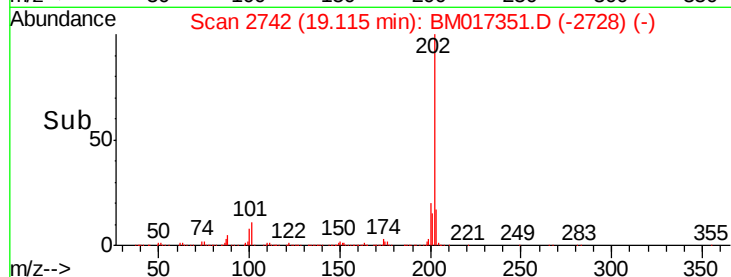
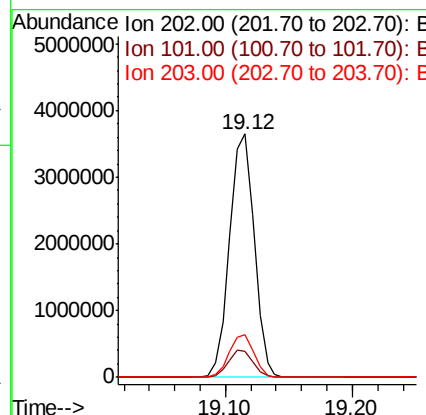
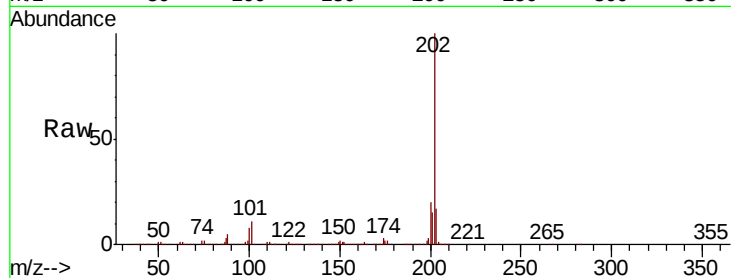




#75
 Fluoranthene
 Concen: 45.574 ng
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

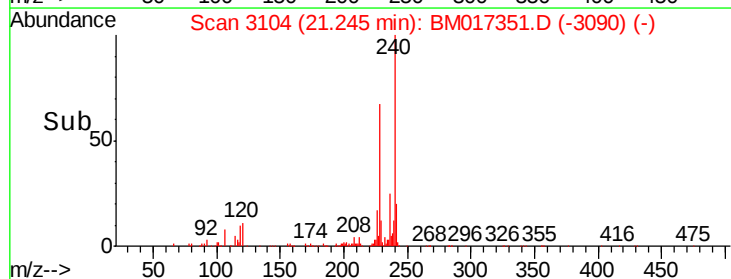
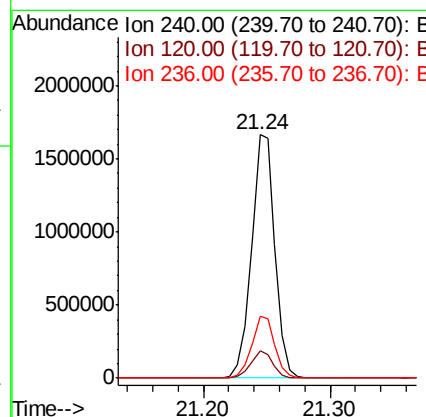
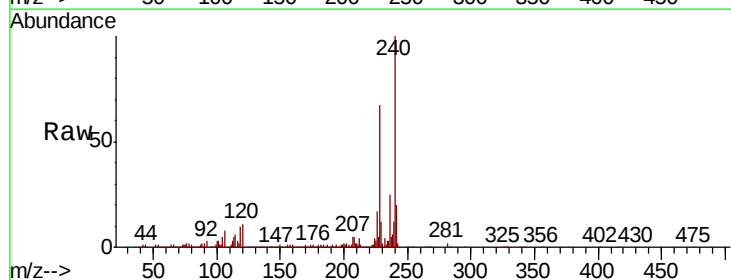
Instrument :
 BNA_M
 ClientSampled :

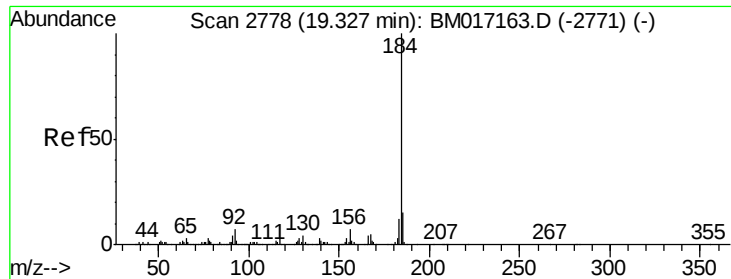
Tot Ion:202 Resp: 4917685
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 30.0
 203 17.5 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion:240 Resp: 2125790
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.1 12.1
 236 25.5 19.9 29.9





#77

Benzidine

Concen: 42.872 ng

RT: 19.31 min Scan# 2775

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

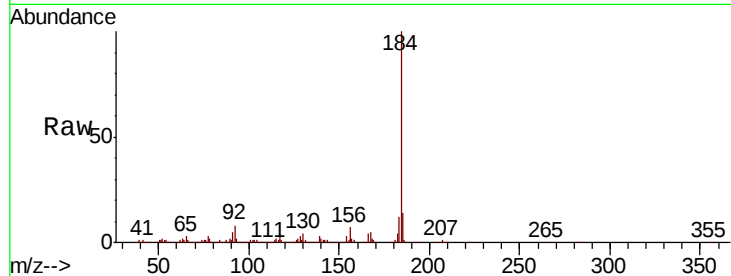
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2310908

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.8	17.8
183	11.5	9.7	14.5

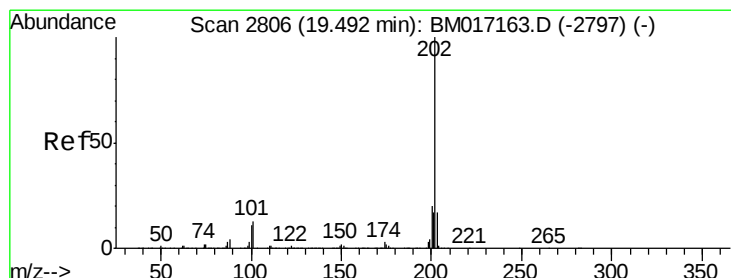
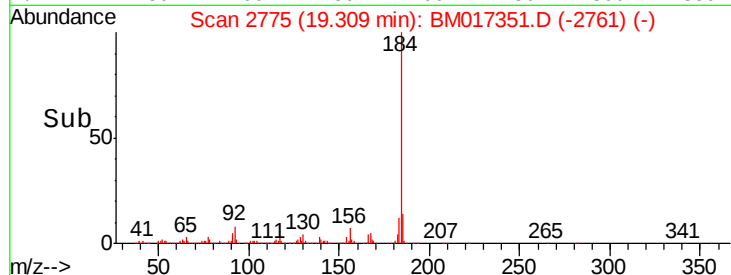
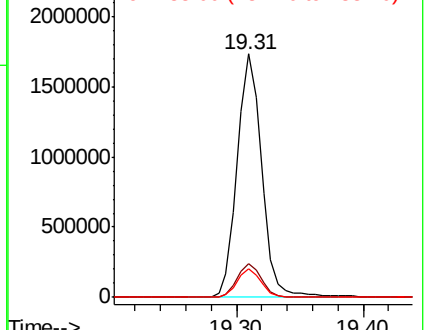


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.366 ng

RT: 19.47 min Scan# 2803

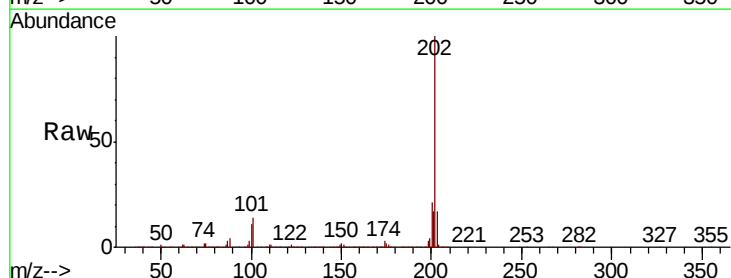
Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:202 Resp: 5033587

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.2	13.9	20.9

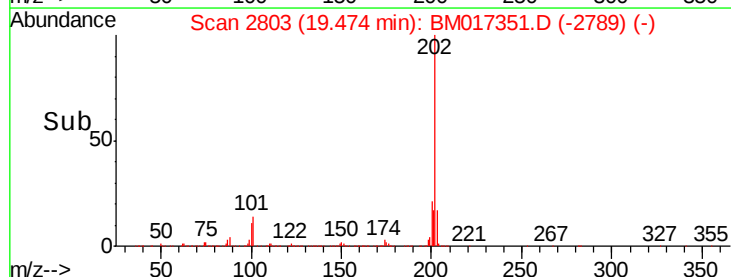
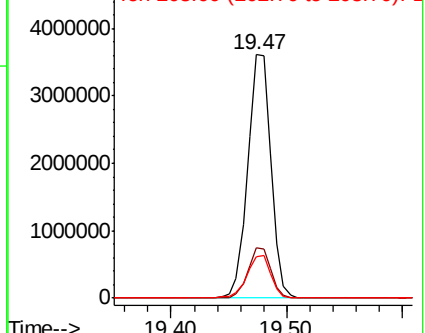


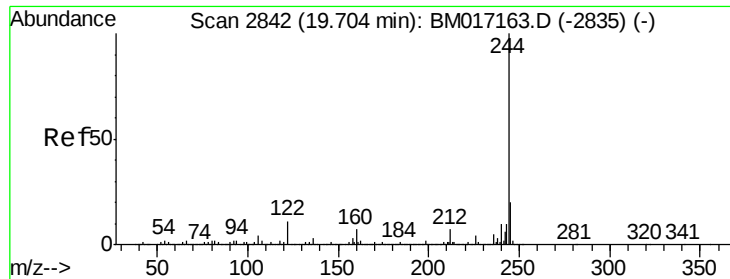
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.955 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

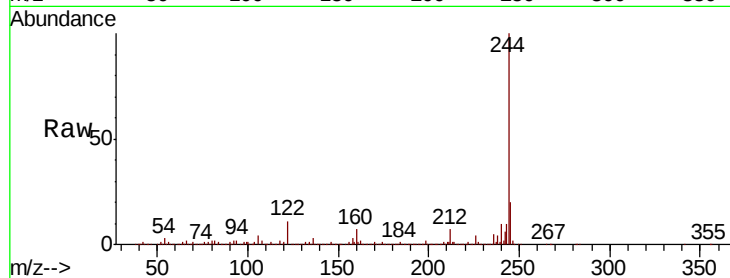
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 6786227

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	11.4	8.4	12.6

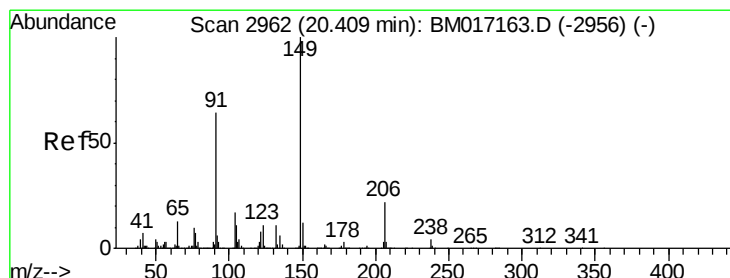
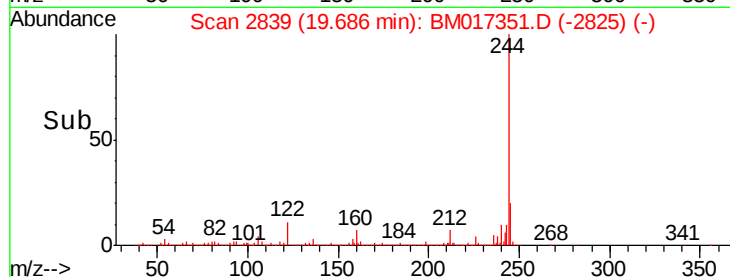
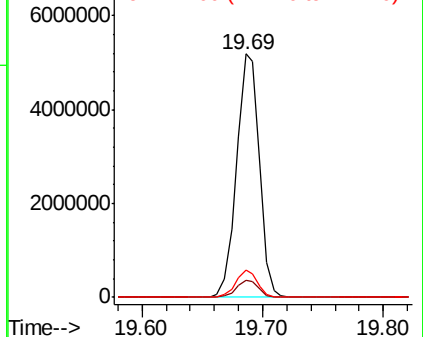


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.805 ng

RT: 20.39 min Scan# 2959

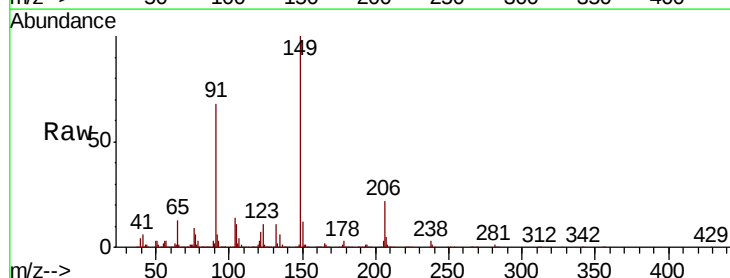
Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:149 Resp: 2159767

Ion	Ratio	Lower	Upper
149	100		
91	67.7	51.3	76.9
206	22.5	18.0	27.0

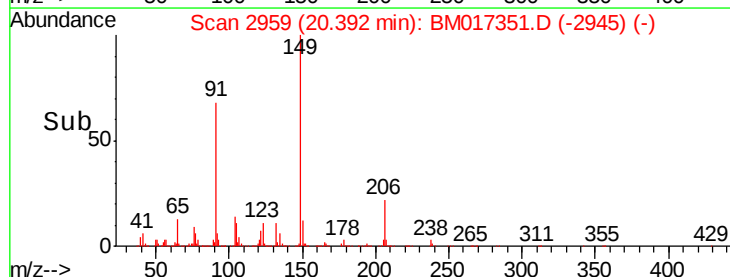
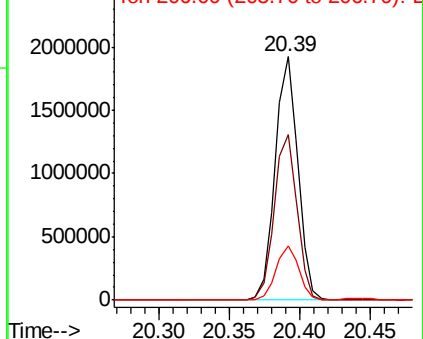


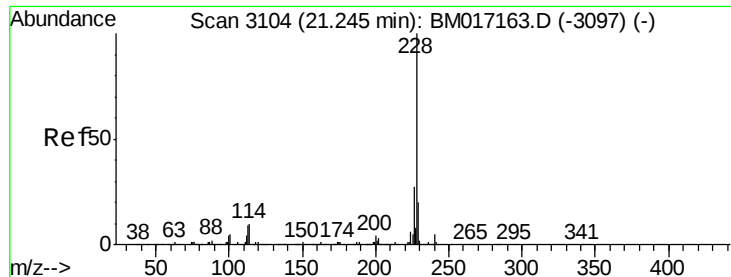
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.140 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

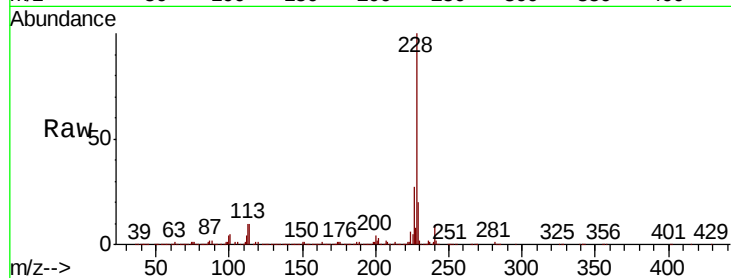
Tot Ion:228 Resp: 5280281

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.6	15.9	23.9

228 100

226 26.7 21.4 32.0

229 19.6 15.9 23.9

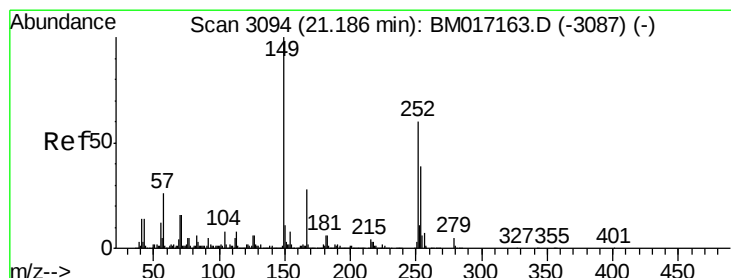
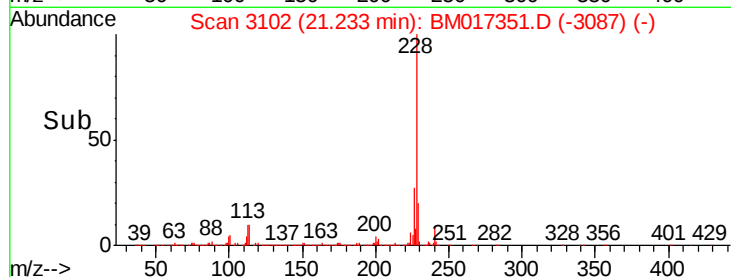
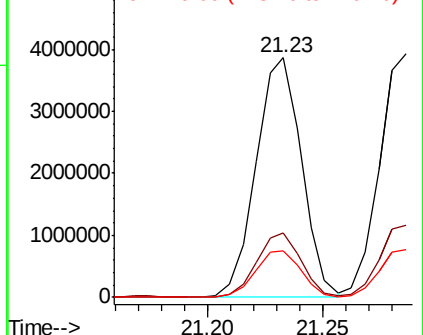


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.994 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

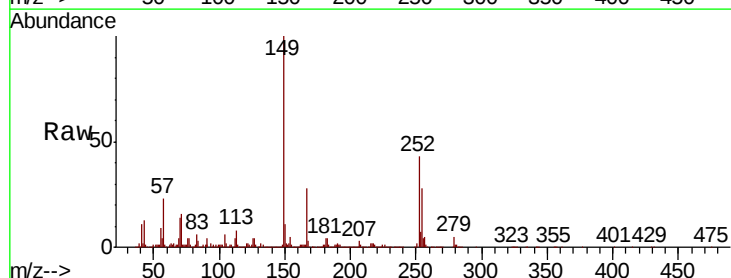
Tgt Ion:252 Resp: 1292686

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	10.4	8.6	12.8

252 100

254 64.7 52.1 78.1

126 10.4 8.6 12.8

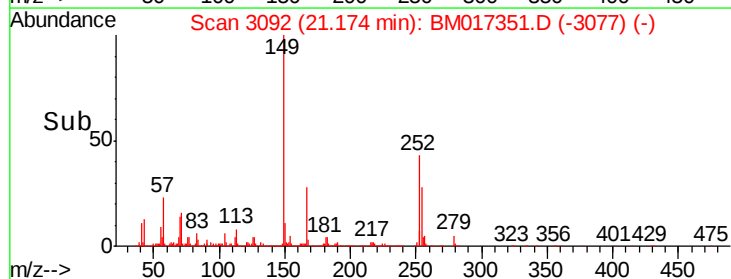
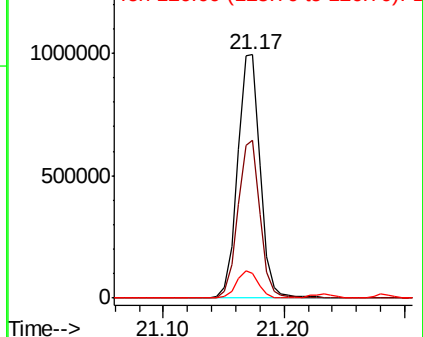


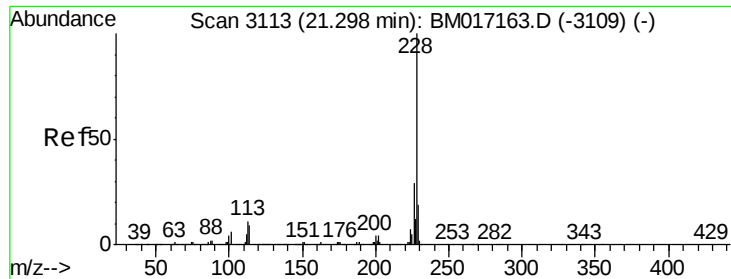
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

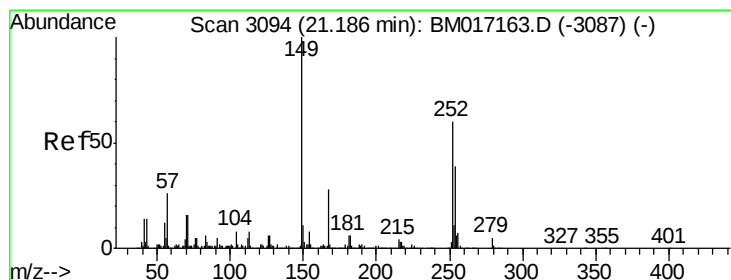
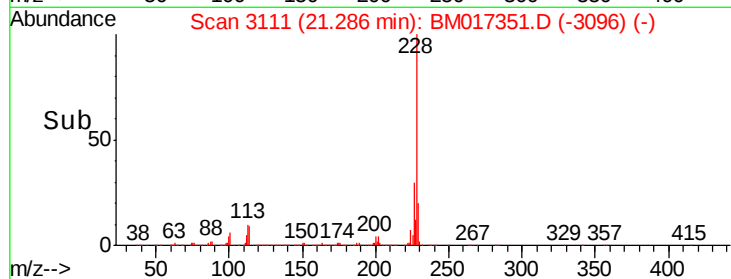
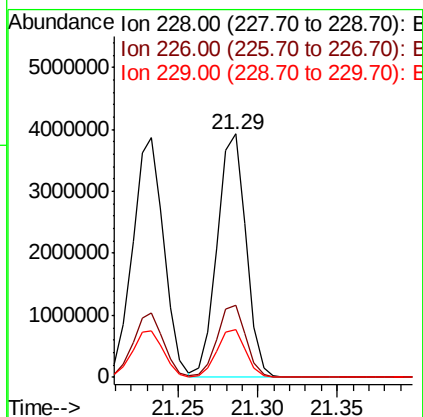
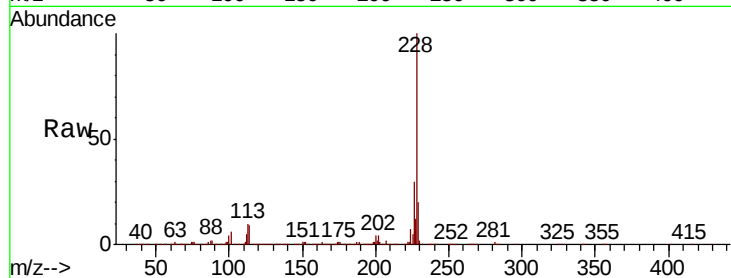




#83
 Chrysene
 Concen: 41.792 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

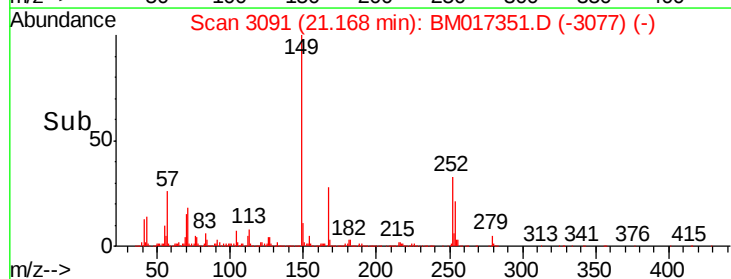
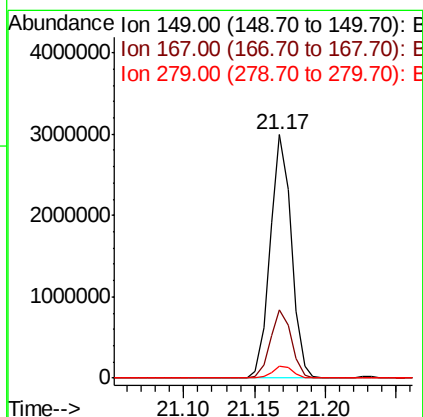
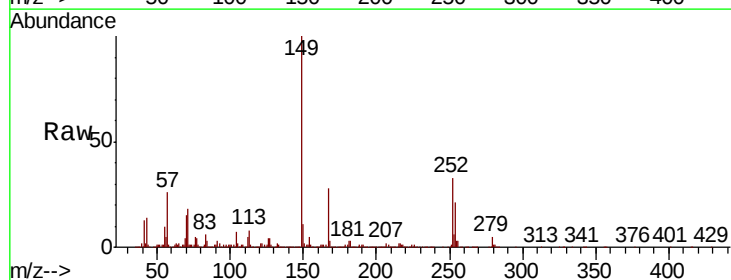
Instrument :
 BNA_M
 ClientSampled :

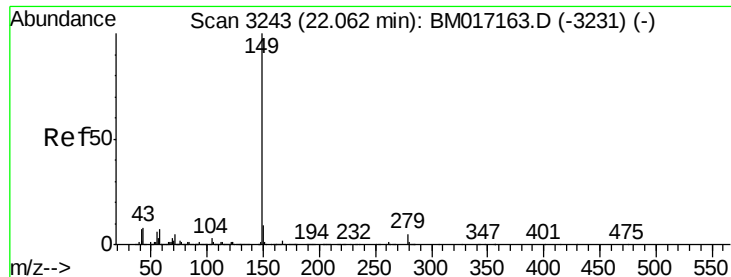
Tot Ion:228 Resp: 4948484
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.3 34.9
 229 19.7 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.858 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017351.D
 Acq: 26 Oct 2018 16:57

Tgt Ion:149 Resp: 3153785
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.2 33.4
 279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.886 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampled :

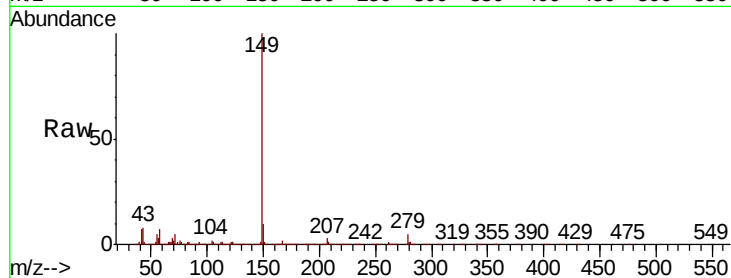
Tot Ion:149 Resp: 5609902

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

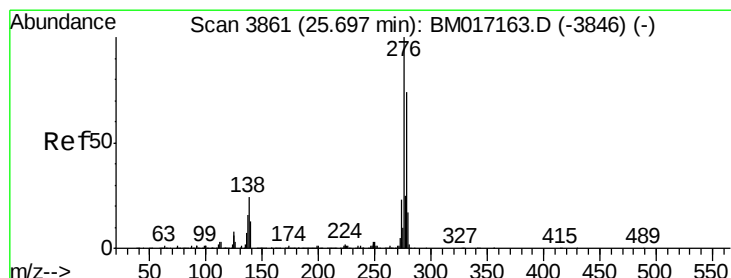
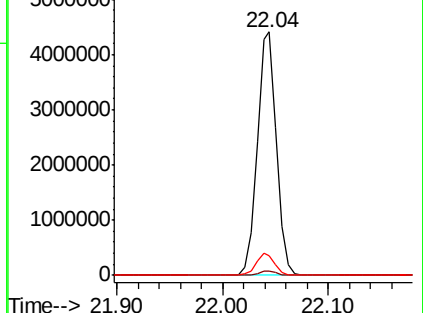
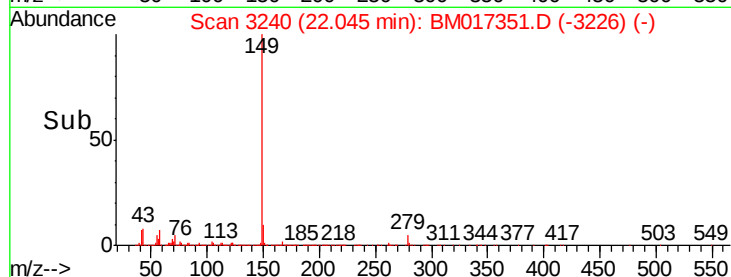
43 8.8 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.060 ng

RT: 25.67 min Scan# 3856

Delta R.T. -0.03 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

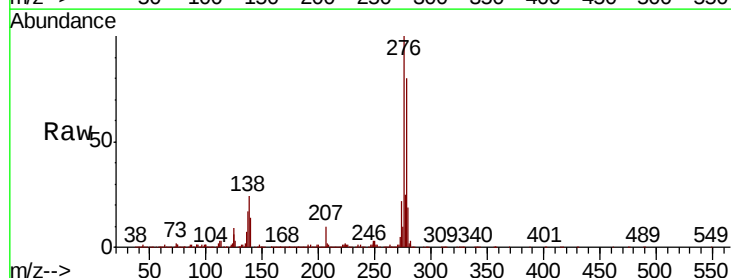
Tgt Ion:276 Resp: 5172982

Ion Ratio Lower Upper

276 100

138 24.2 19.5 29.3

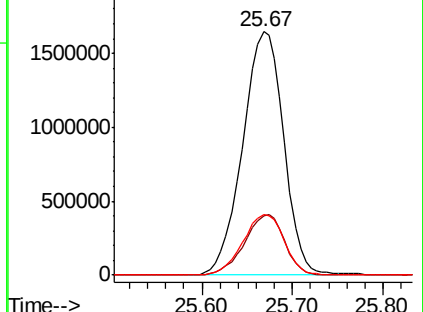
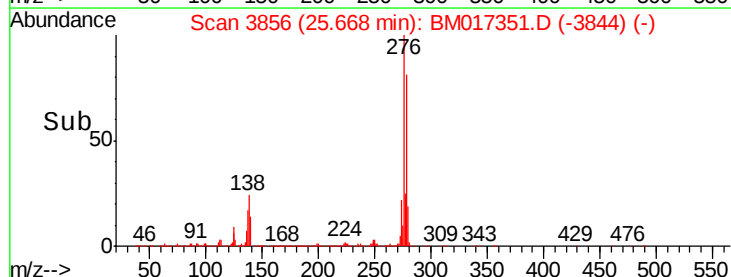
277 25.1 20.1 30.1

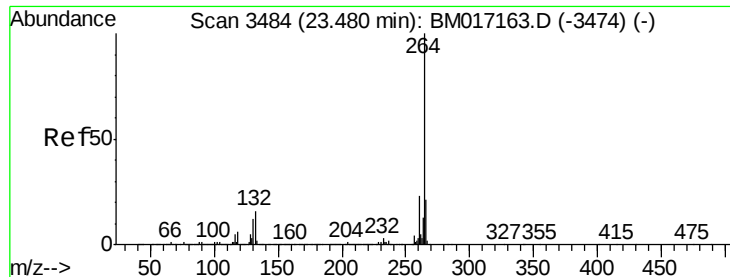


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampled :

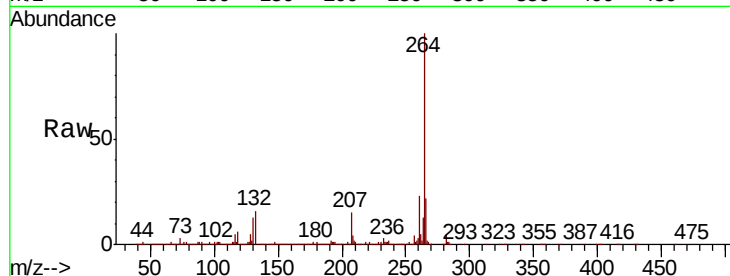
Tot Ion:264 Resp: 2163742

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

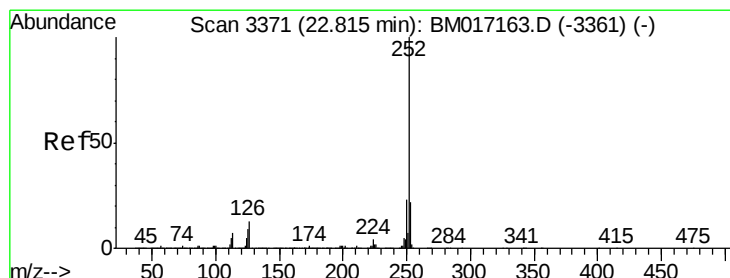
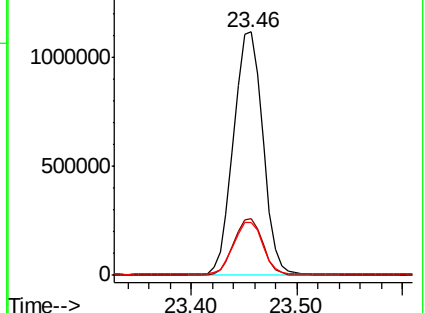
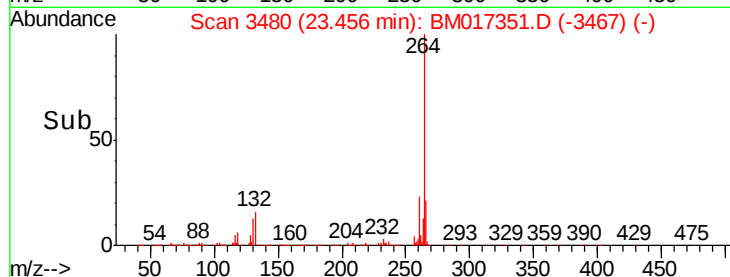
265 21.9 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.494 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

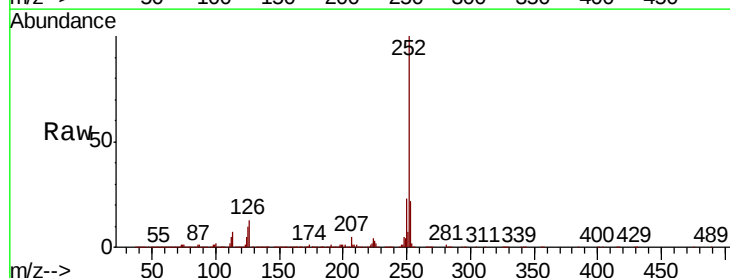
Tgt Ion:252 Resp: 5263666

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

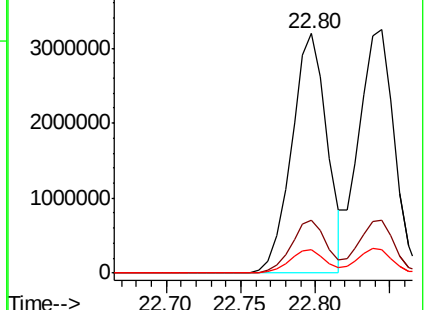
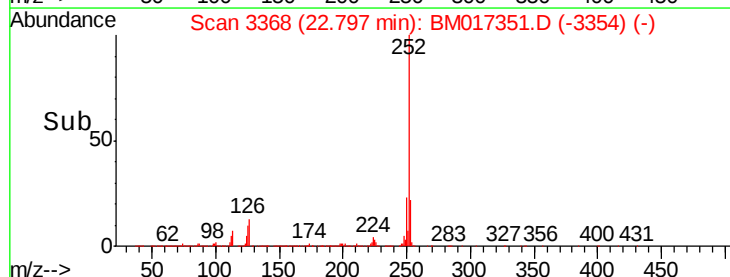
125 9.9 7.5 11.3

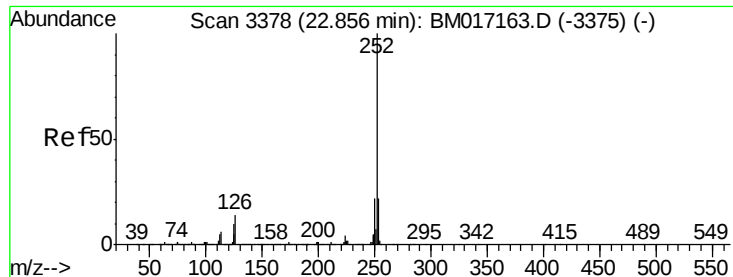


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.960 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Instrument :

BNA_M

ClientSampleId :

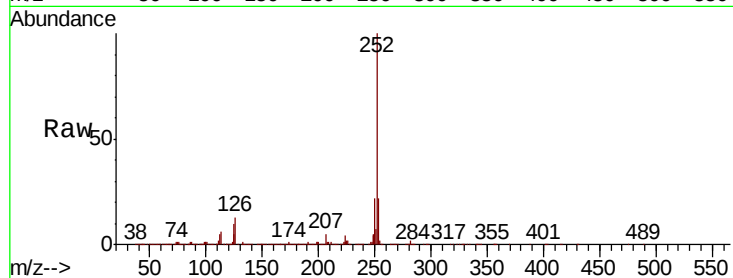
Tot Ion:252 Resp: 4980834

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

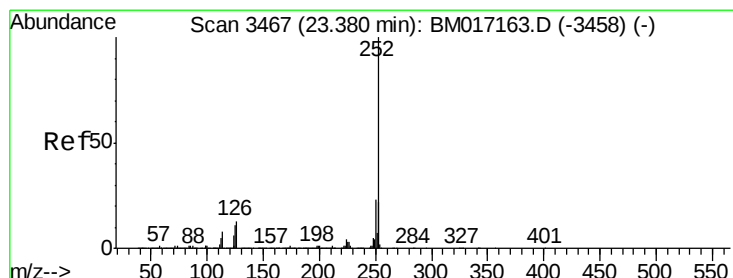
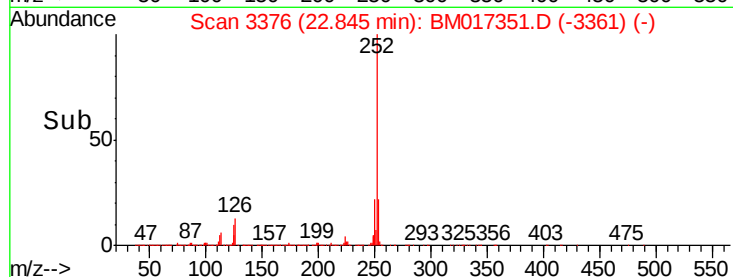
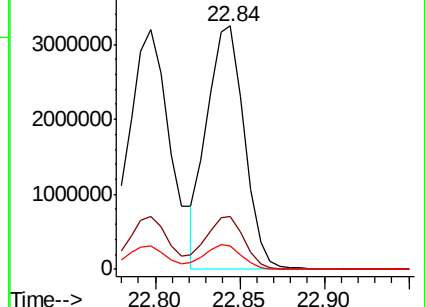
125 9.7 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.952 ng

RT: 23.36 min Scan# 3464

Delta R.T. -0.02 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

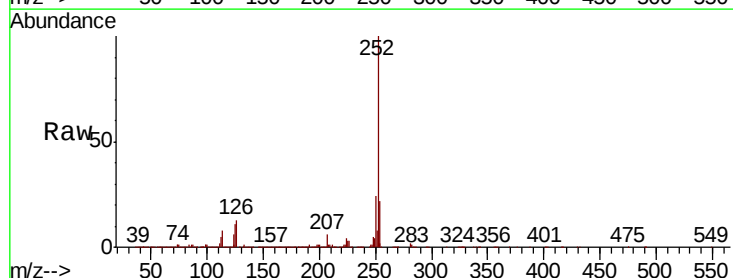
Tgt Ion:252 Resp: 5049064

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

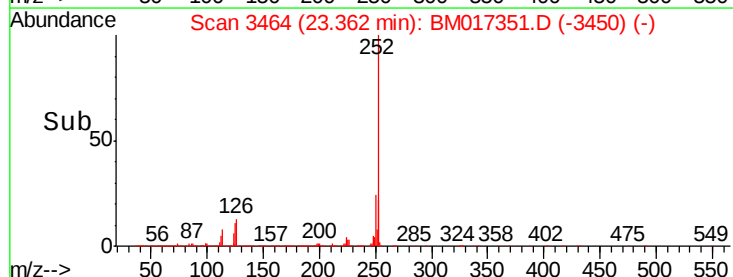
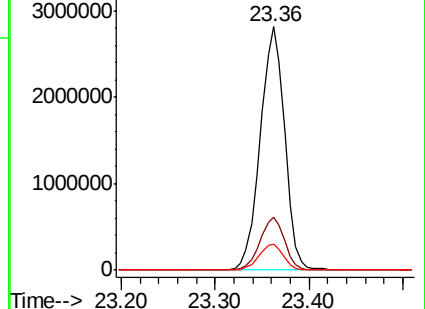
125 10.7 8.6 13.0

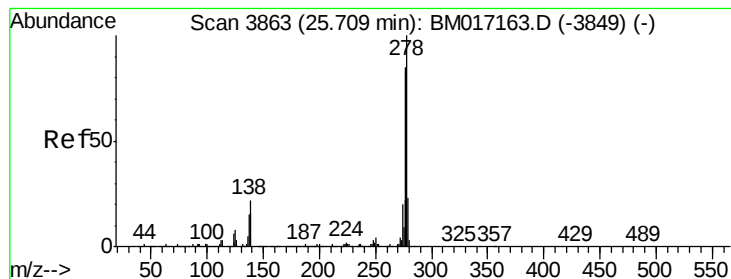


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.063 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.03 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

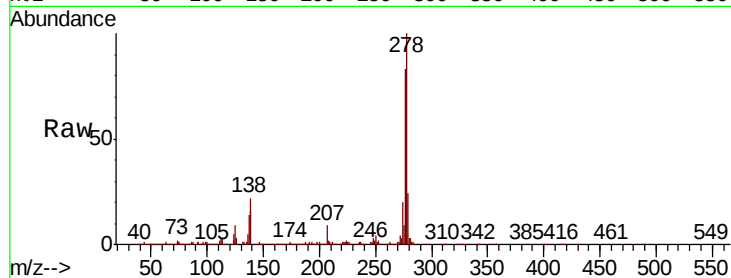
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 4468253

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	23.6	18.7	28.1

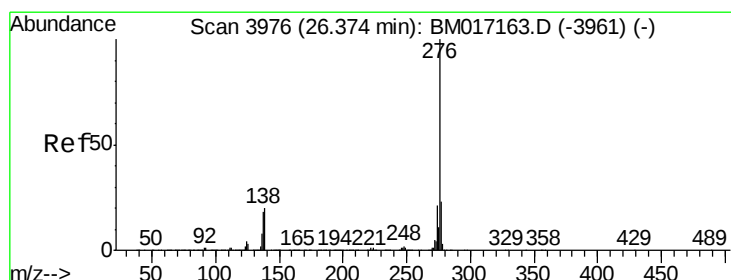
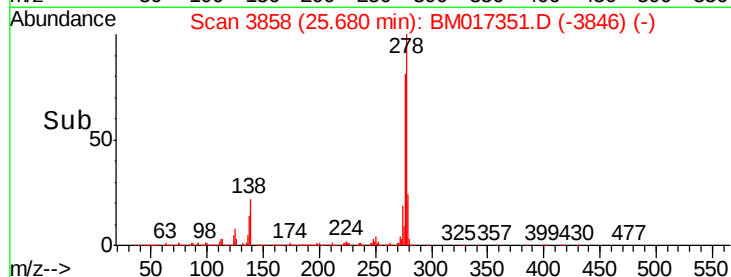
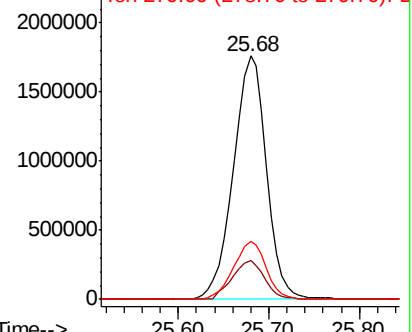


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.351 ng

RT: 26.34 min Scan# 3971

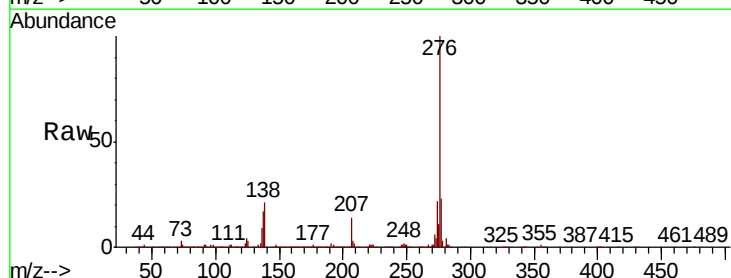
Delta R.T. -0.03 min

Lab File: BM017351.D

Acq: 26 Oct 2018 16:57

Tgt Ion:276 Resp: 4018326

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	20.7	16.4	24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

