

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017286.D
 Acq On : 23 Oct 2018 15:58
 Operator : MJ/SJ
 Sample : PB114097BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:55:54 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	7.66	152	272619	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1124562	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	678516	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1618962	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1765269	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1591788	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2190086	135.87	ng	0.00
7) Phenol-d6	6.85	99	2993546	136.36	ng	0.00
23) Nitrobenzene-d5	8.82	82	1757612	91.41	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1373185	149.65	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4345457	85.21	ng	-0.01
79) Terphenyl-d14	19.69	244	7114278	90.84	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	236406	28.722	ng	# 87
3) Pyridine	3.63	79	736071	38.867	ng	88
4) n-Nitrosodimethylamine	3.56	42	350155	46.057	ng	# 75
6) Aniline	7.00	93	538379	19.607	ng	99
8) 2-Chlorophenol	7.23	128	963015	51.644	ng	98
9) Benzaldehyde	6.82	77	418937	29.930	ng	96
10) Phenol	6.87	94	1193801	50.528	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	836948	44.438	ng	98
12) 1,3-Dichlorobenzene	7.55	146	963657	44.331	ng	99
13) 1,4-Dichlorobenzene	7.69	146	979836	44.119	ng	98
14) 1,2-Dichlorobenzene	8.00	146	945620	44.192	ng	99
15) Benzyl Alcohol	7.90	79	847918	52.842	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.18	45	1115165	42.381	ng	98
17) 2-Methylphenol	8.11	107	815018	53.744	ng	99
18) Hexachloroethane	8.72	117	350827	46.159	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	696104	48.157	ng	97
20) 3+4-Methylphenols	8.43	107	1119662	53.982	ng	98
22) Acetophenone	8.48	105	1369360	48.037	ng	# 99
24) Nitrobenzene	8.86	77	1002521	49.291	ng	97
25) Isophorone	9.38	82	1900875	59.868	ng	99
26) 2-Nitrophenol	9.56	139	540283	55.718	ng	99
27) 2,4-Dimethylphenol	9.63	122	929149	66.180	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1187706	53.147	ng	99
29) 2,4-Dichlorophenol	10.09	162	963161	59.086	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	922186	47.159	ng	99
31) Naphthalene	10.49	128	2848762	51.692	ng	99
32) Benzoic acid	9.80	122	727345	69.433	ng	95
33) 4-Chloroaniline	10.60	127	261425	10.984	ng	97
34) Hexachlorobutadiene	10.76	225	555794	44.857	ng	98
35) Caprolactam	11.42	113	315811	53.160	ng	97
36) 4-Chloro-3-methylphenol	11.74	107	1086803	59.147	ng	96
37) 2-Methylnaphthalene	12.10	142	2178771	57.774	ng	99
38) 1-Methylnaphthalene	12.33	142	2073727	56.498	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1105259	46.255	ng	99

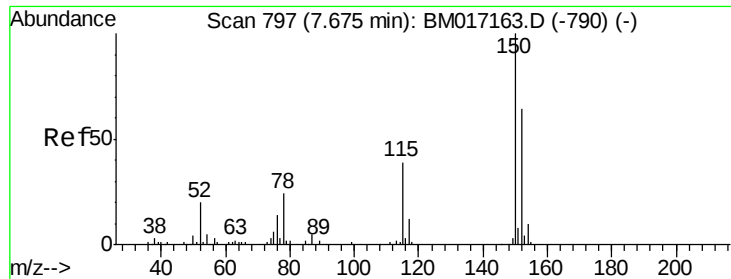
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1439110	124.580	ng	97
43) 2,4,6-Trichlorophenol	12.73	196	810329	58.418	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	889107	59.774	ng	98
46) 1,1'-Biphenyl	13.13	154	2767796	45.330	ng	99
47) 2-Chloronaphthalene	13.17	162	2170808	48.327	ng	99
48) 2-Nitroaniline	13.39	65	699914	54.305	ng	97
49) Acenaphthylene	14.02	152	3617305	55.556	ng	100
50) Dimethylphthalate	13.77	163	2869966	54.825	ng	99
51) 2,6-Dinitrotoluene	13.89	165	652066	56.595	ng	99
52) Acenaphthene	14.37	154	2094134	51.225	ng	97
53) 3-Nitroaniline	14.22	138	271938	21.793	ng	94
54) 2,4-Dinitrophenol	14.43	184	863149	122.796	ng	96
55) Dibenzofuran	14.70	168	3368269	49.545	ng	99
56) 4-Nitrophenol	14.55	139	1712382	146.409	ng	100
57) 2,4-Dinitrotoluene	14.69	165	932001	60.186	ng	# 99
58) Fluorene	15.36	166	2790494	55.454	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	833434	61.469	ng	99
60) Diethylphthalate	15.15	149	3189075	61.430	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1401562	48.856	ng	97
62) 4-Nitroaniline	15.39	138	717729	51.189	ng	98
63) Azobenzene	15.65	77	2678662	53.085	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	583818	54.967	ng	96
66) n-Nitrosodiphenylamine	15.57	169	2556144	52.186	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	926247	52.106	ng	95
68) Hexachlorobenzene	16.36	284	1001371	48.495	ng	98
69) Atrazine	16.54	200	968890	55.268	ng	98
70) Pentachlorophenol	16.71	266	1356815	95.921	ng	99
71) Phenanthrene	17.10	178	4550732	52.099	ng	99
72) Anthracene	17.19	178	4709430	56.742	ng	99
73) Carbazole	17.46	167	4365262	51.489	ng	100
74) Di-n-butylphthalate	18.03	149	5347779	59.805	ng	99
75) Fluoranthene	19.12	202	5513740	56.097	ng	99
77) Benzidine	19.32	184	1792475	40.045	ng	98
78) Pyrene	19.49	202	5526617	56.016	ng	100
80) Butylbenzylphthalate	20.40	149	2559464	65.157	ng	98
81) Benzo(a)anthracene	21.23	228	5521874	55.586	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1175324	31.745	ng	99
83) Chrysene	21.29	228	5127538	52.149	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3709302	62.742	ng	99
85) Di-n-octyl phthalate	22.05	149	6266250	62.489	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	4819500	43.823	ng	99
88) Benzo(b)fluoranthene	22.80	252	4971312	57.123	ng	100
89) Benzo(k)fluoranthene	22.84	252	4951912	56.705	ng	99
90) Benzo(a)pyrene	23.37	252	4669997	56.516	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	4071402	49.621	ng	98
92) Benzo(g,h,i)perylene	26.35	276	3997959	49.163	ng	99

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

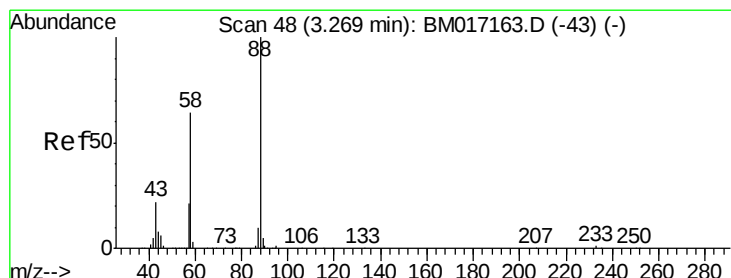
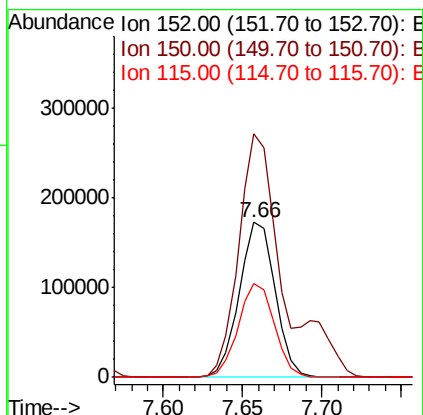
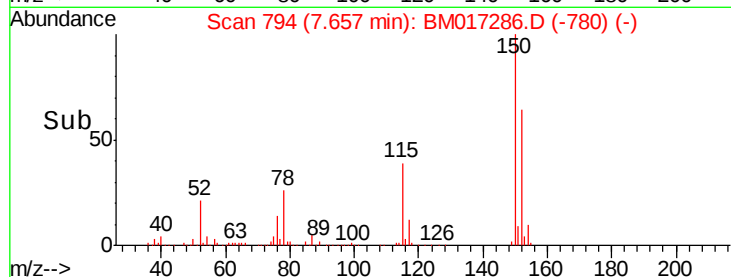
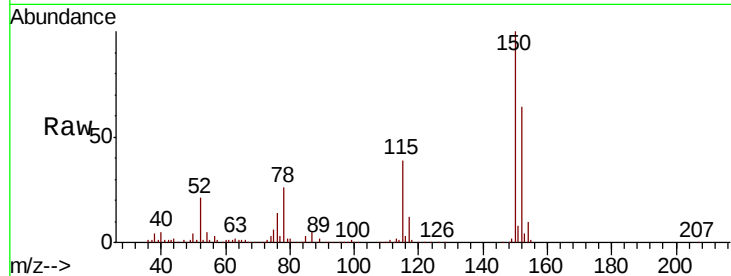


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Instrument :
BNA_M
ClientSampleId :

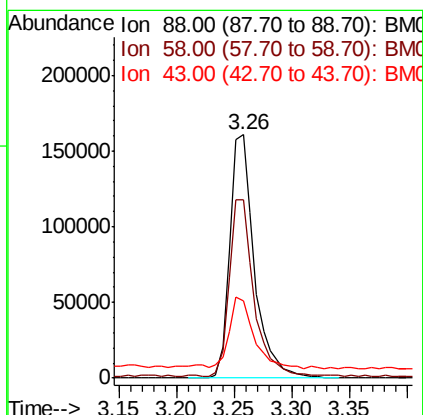
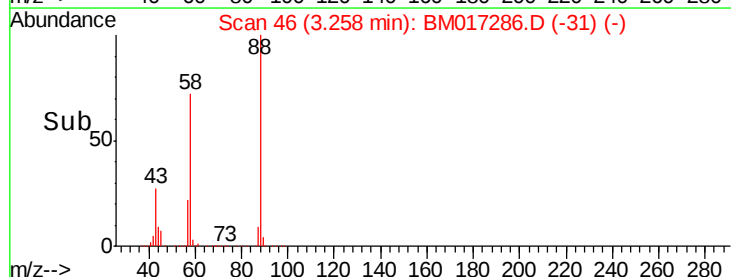
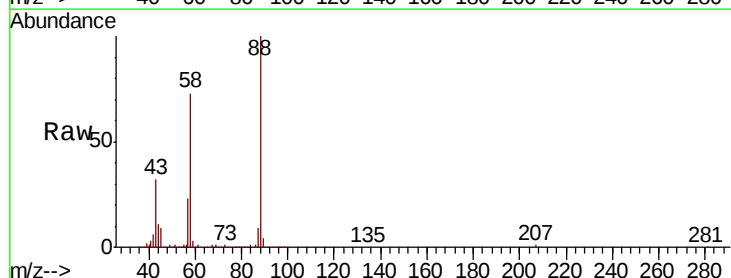
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.3	186.5
115	60.7	48.1	72.1

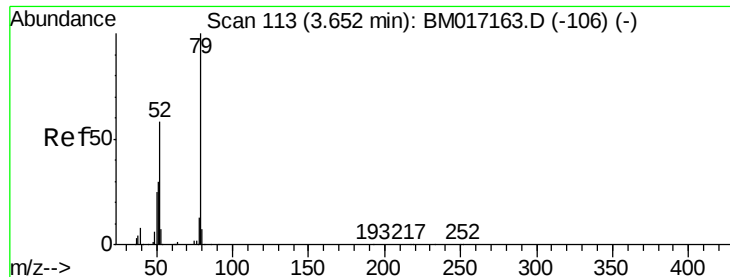


#2

1,4-Dioxane
Concen: 28.722 ng
RT: 3.26 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	50.2	75.4
43	29.4	19.3	28.9





#3

Pvridine

Concen: 38.867 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

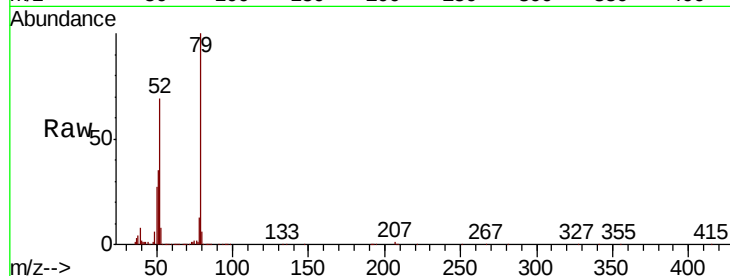
Tot Ion: 79 Resp: 736071

Ion Ratio Lower Upper

79 100

52 69.1 46.5 69.7

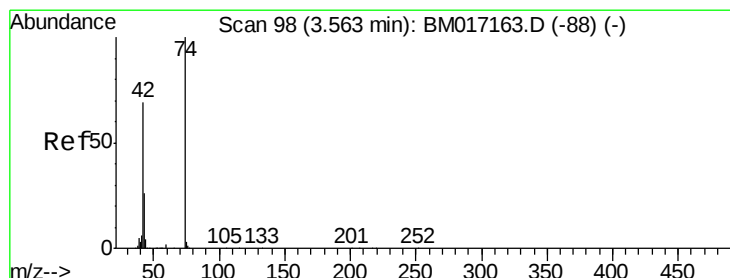
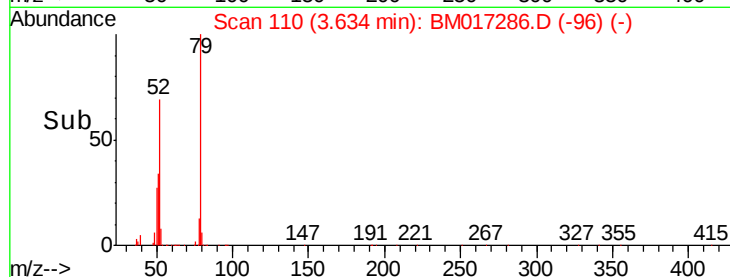
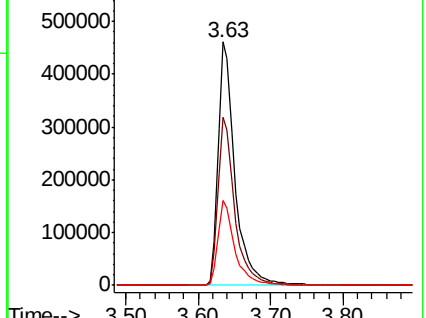
51 34.7 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 46.057 ng

RT: 3.56 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

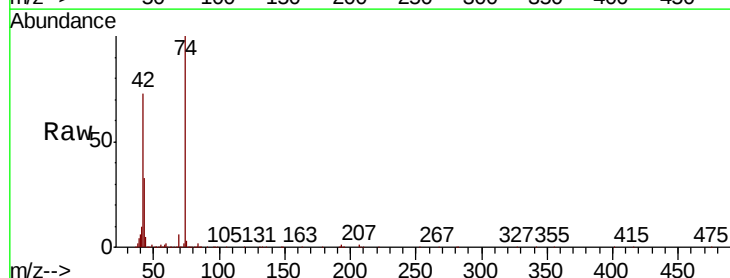
Tgt Ion: 42 Resp: 350155

Ion Ratio Lower Upper

42 100

74 136.7 114.4 171.6

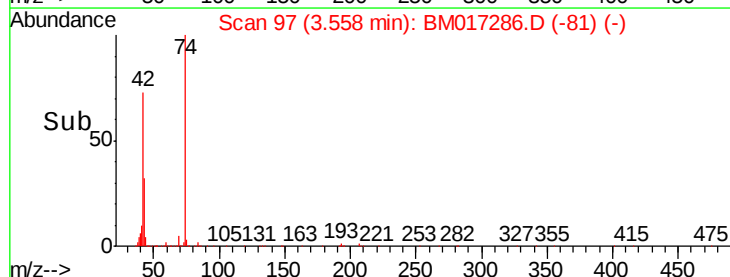
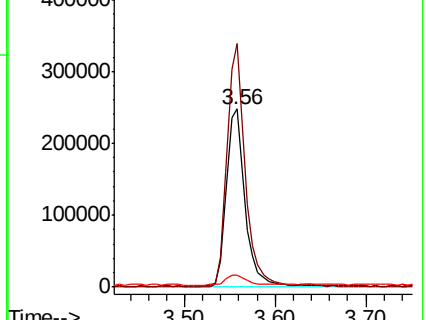
44 6.7 48.6 73.0#

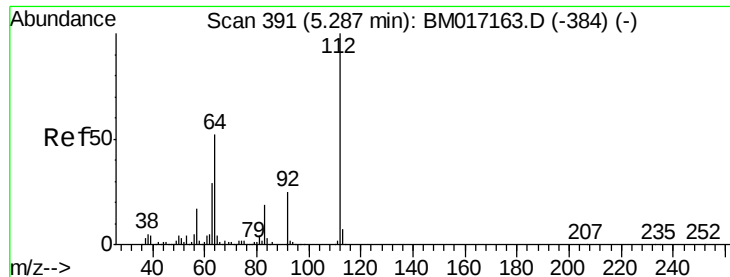


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 135.873 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

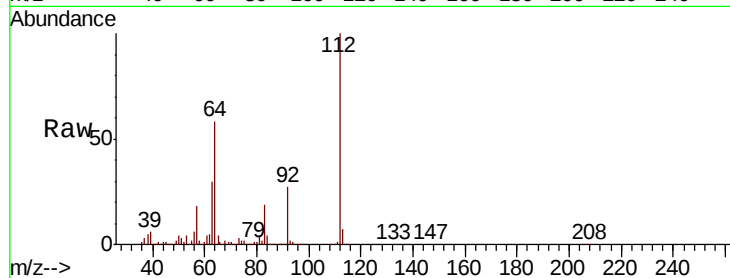
Tot Ion:112 Resp: 2190086

Ion Ratio Lower Upper

112 100

64 58.0 41.7 62.5

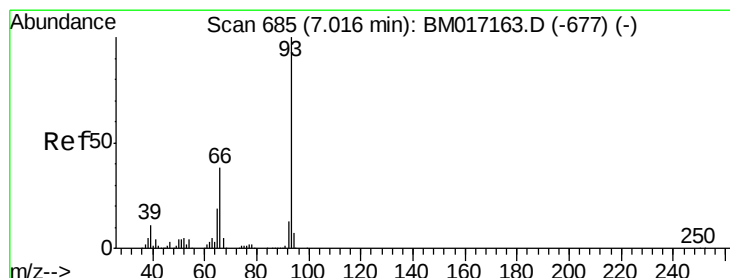
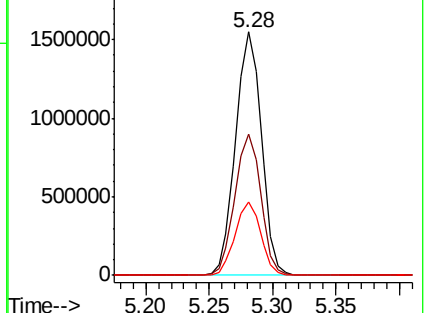
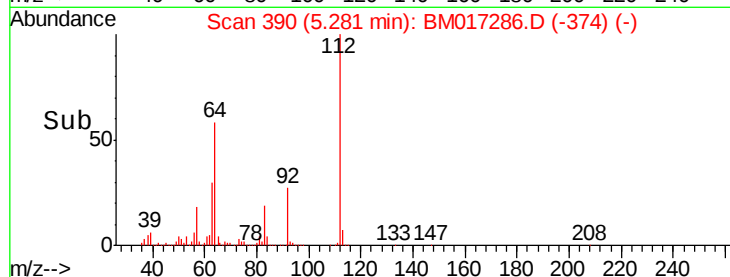
63 30.4 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 19.607 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

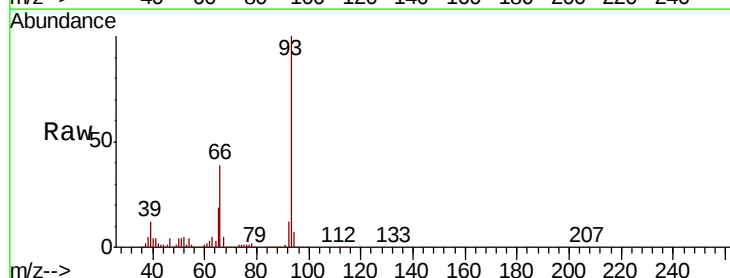
Tgt Ion: 93 Resp: 538379

Ion Ratio Lower Upper

93 100

66 38.9 30.4 45.6

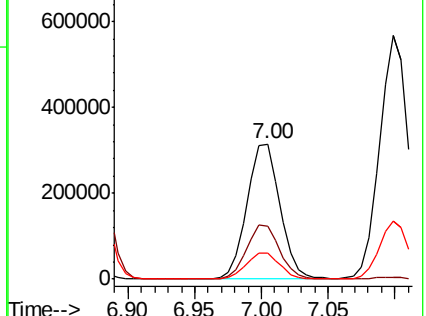
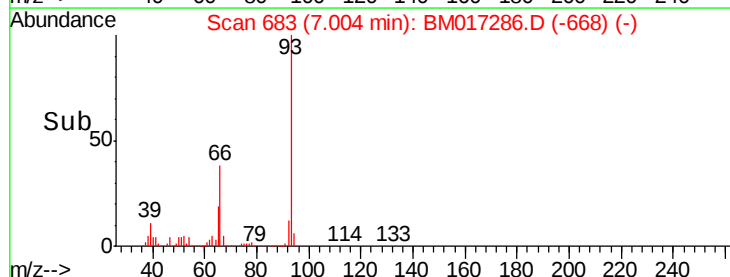
65 19.0 15.3 22.9

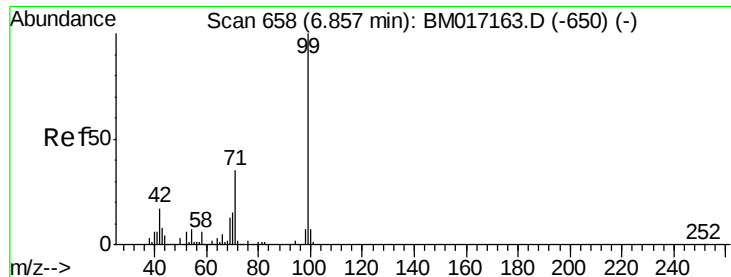


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 136.364 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampled :

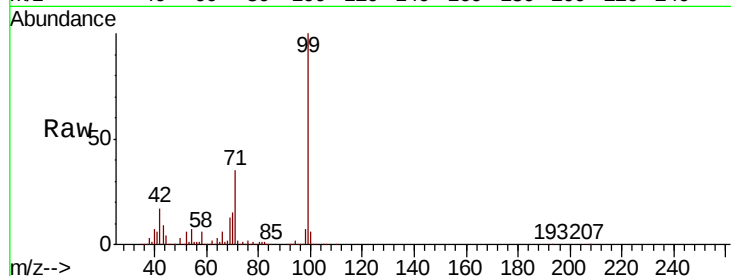
Tot Ion: 99 Resp: 2993546

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

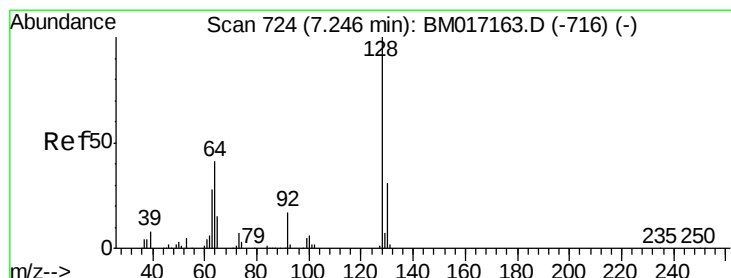
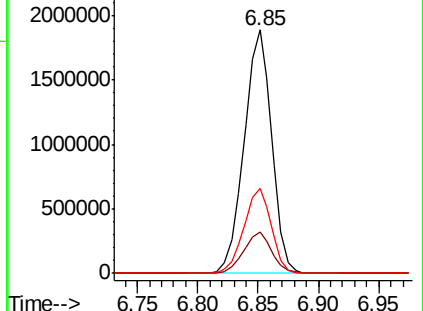
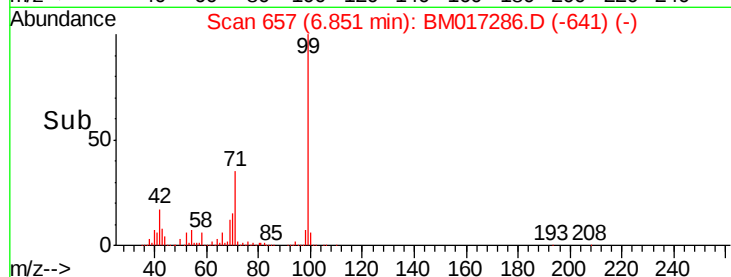
71 34.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 51.644 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

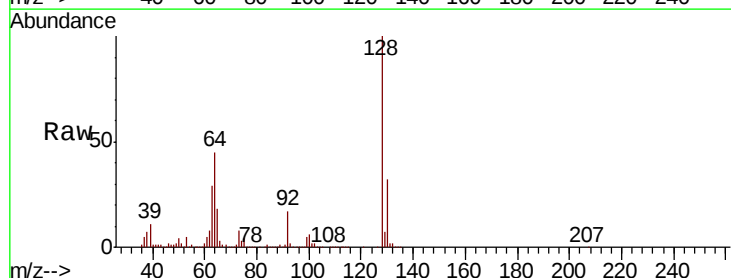
Tgt Ion:128 Resp: 963015

Ion Ratio Lower Upper

128 100

130 32.5 11.0 51.0

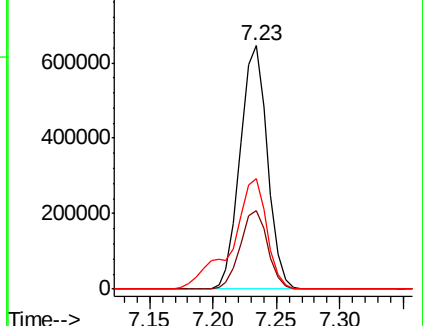
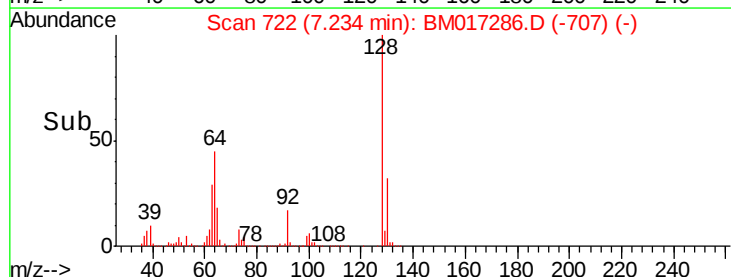
64 45.3 24.1 64.1

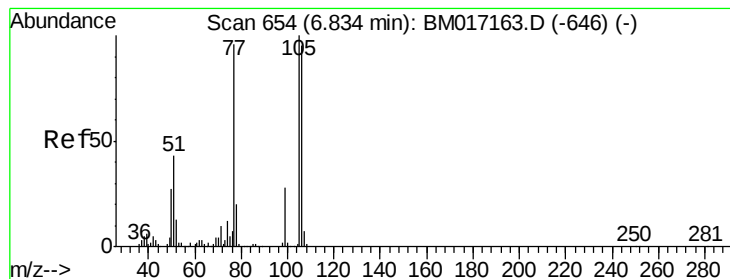


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 29.930 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

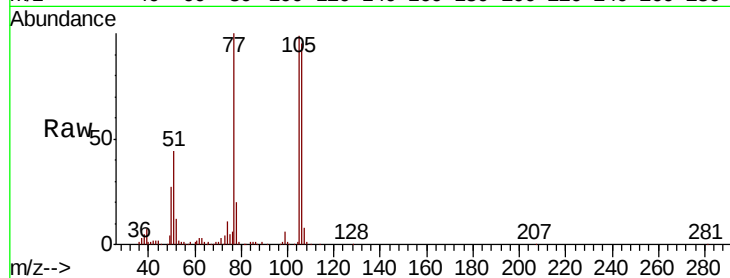
Tot Ion: 77 Resp: 418937

Ion Ratio Lower Upper

77 100

105 98.5 83.9 123.9

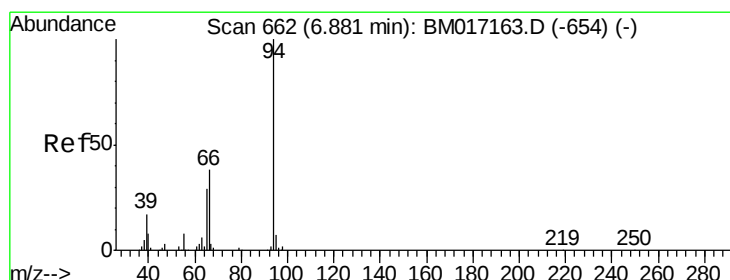
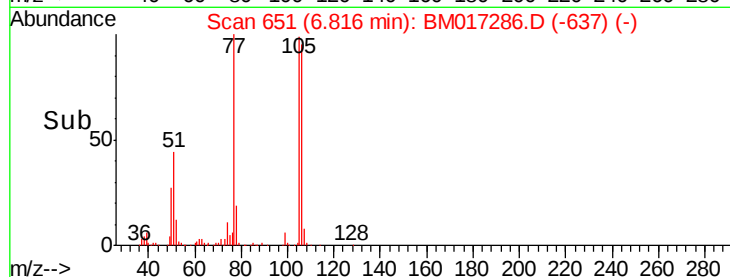
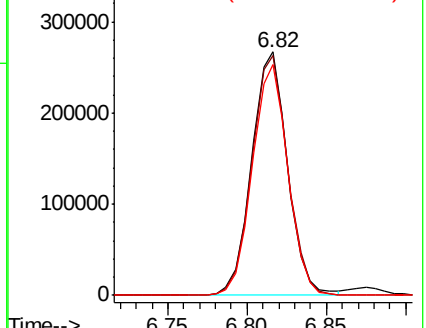
106 94.8 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-646) (-)



#10

Phenol

Concen: 50.528 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

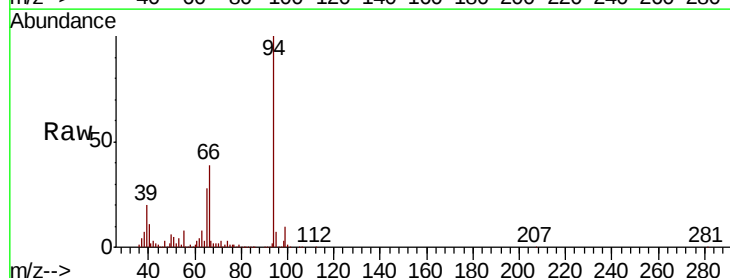
Tgt Ion: 94 Resp: 1193801

Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

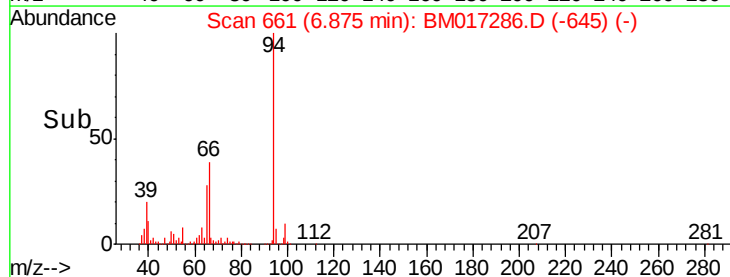
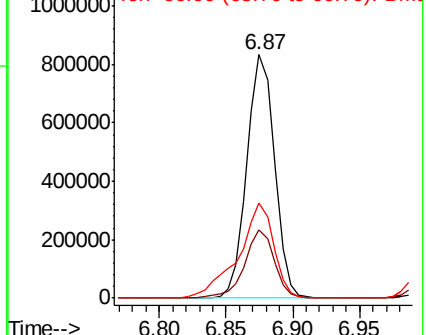
66 39.0 19.0 59.0

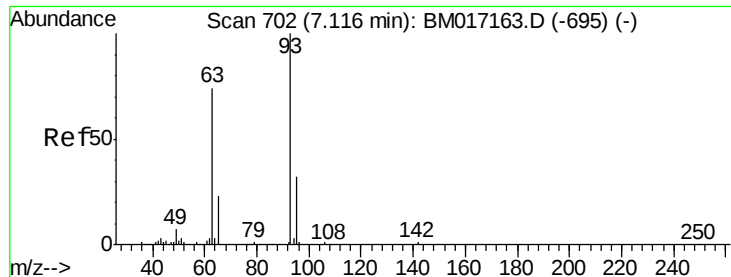


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

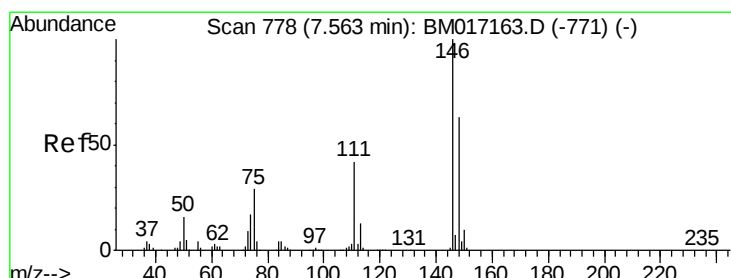
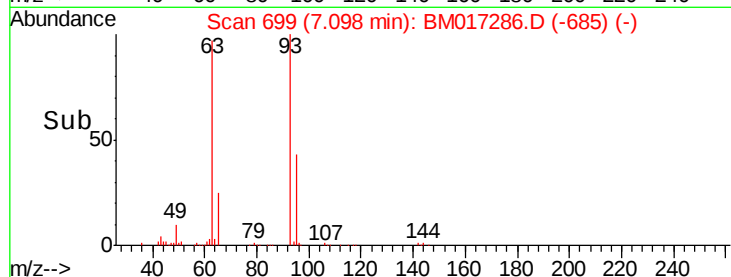
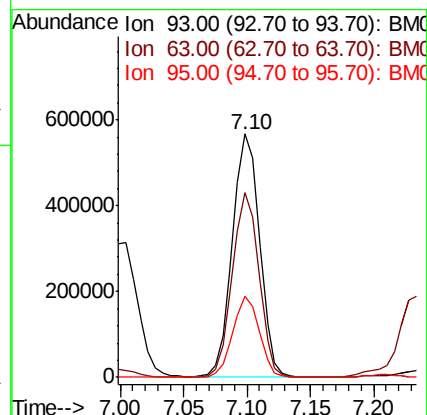
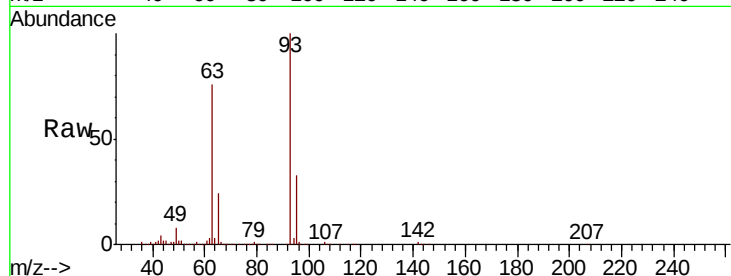




#11
bis(2-Chloroethyl)ether
Concen: 44.438 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

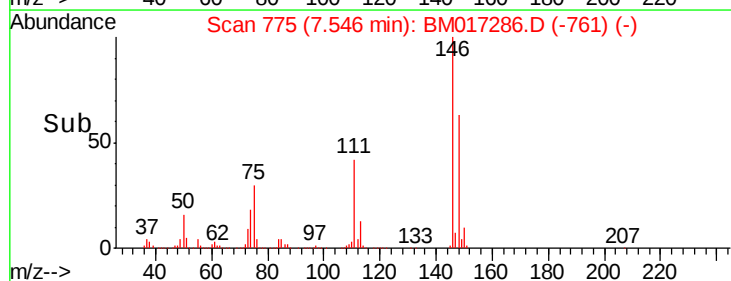
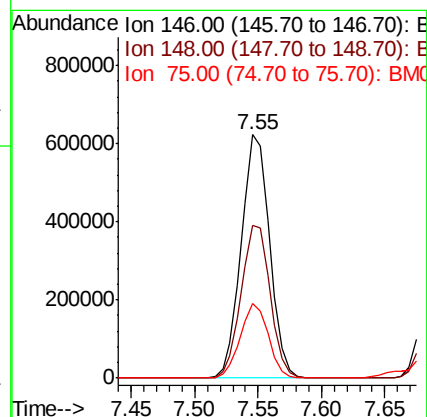
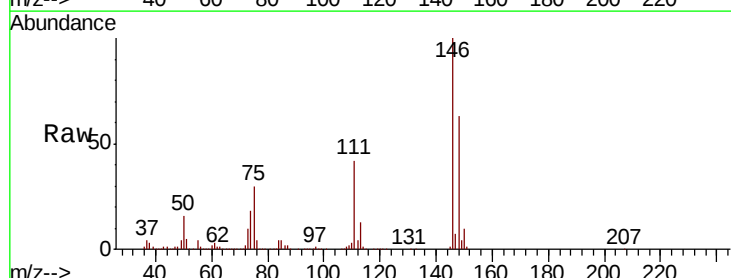
Instrument :
BNA_M
ClientSampleId :

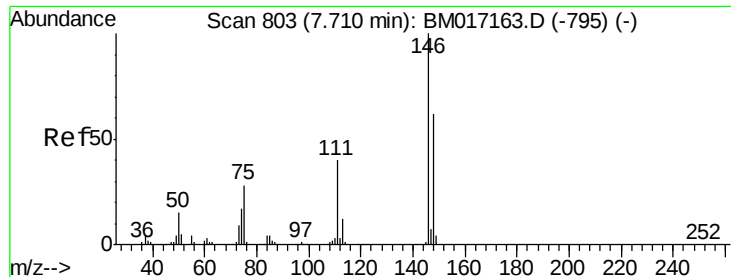
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	54.0	94.0
95	33.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 44.331 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.4
75	30.4	23.3	34.9

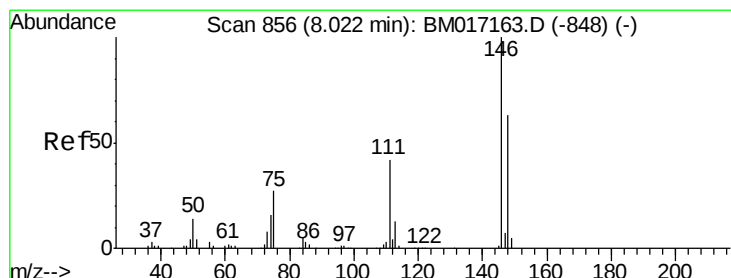
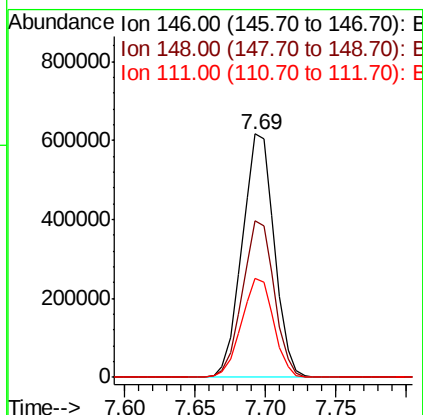
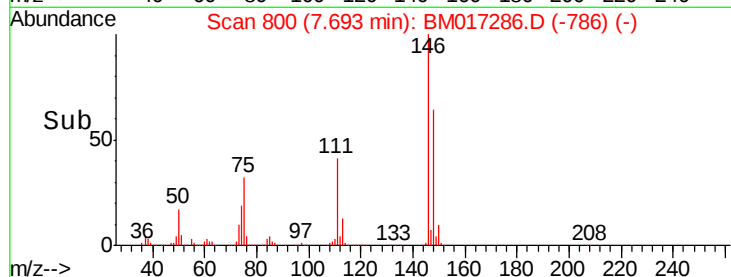
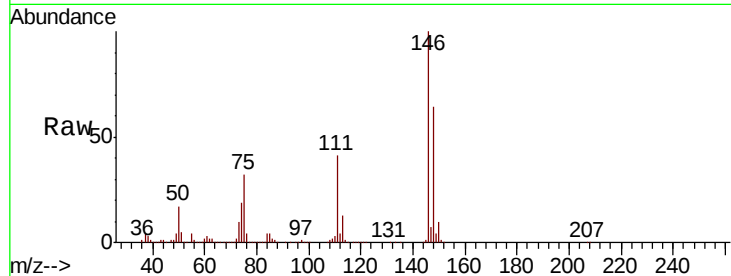




#13
 1,4-Dichlorobenzene
 Concen: 44.119 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

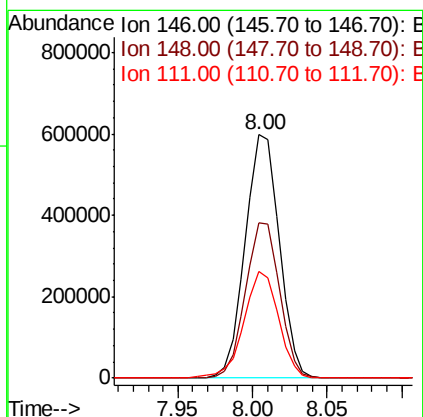
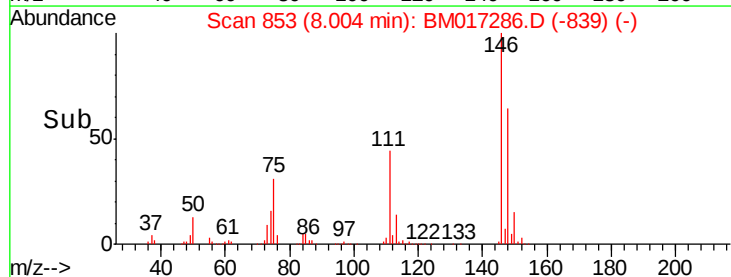
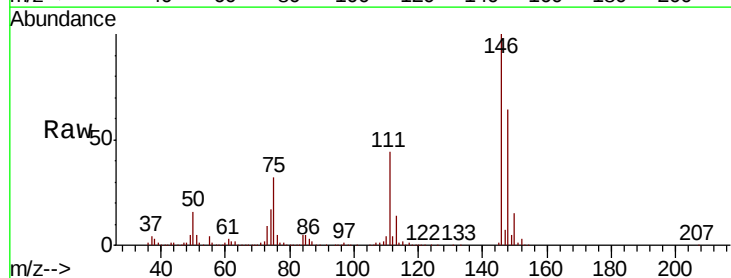
Instrument :
 BNA_M
 ClientSampleId :

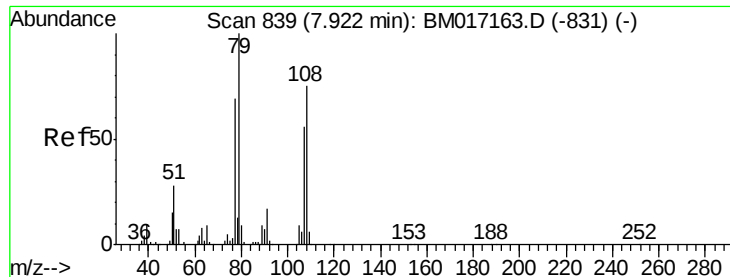
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.8	74.6
111	40.9	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 44.192 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	43.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 52.842 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

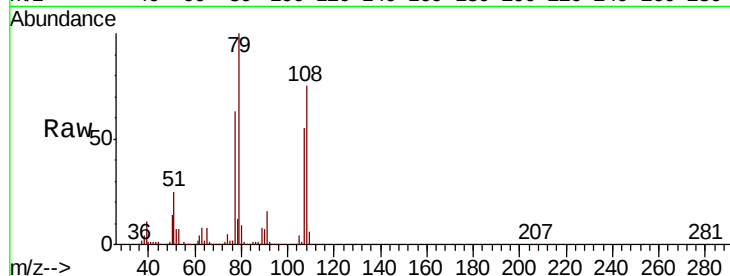
Tot Ion: 79 Resp: 847918

Ion Ratio Lower Upper

79 100

108 75.3 60.3 90.5

77 62.8 54.8 82.2

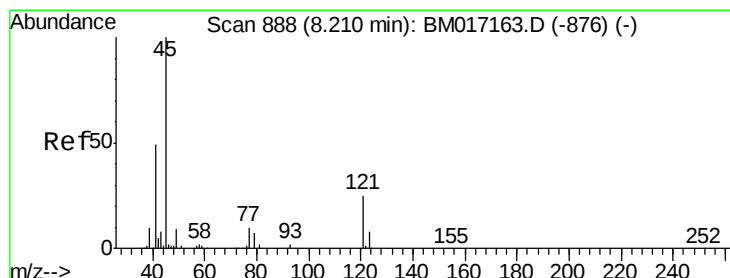
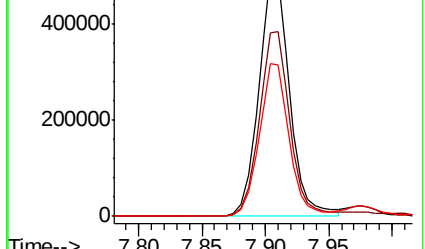
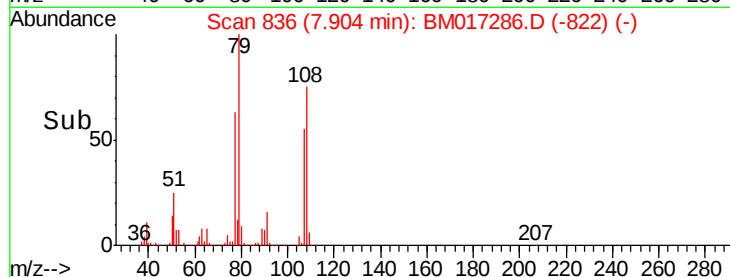


Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.381 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.03 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

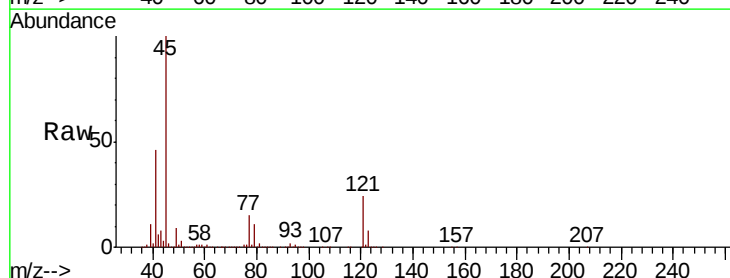
Tgt Ion: 45 Resp: 1115165

Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.5

79 10.8 0.0 32.1

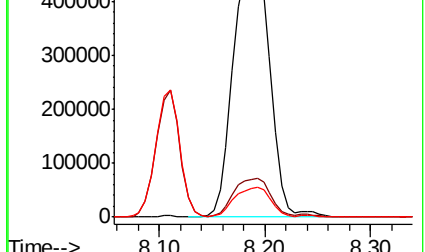
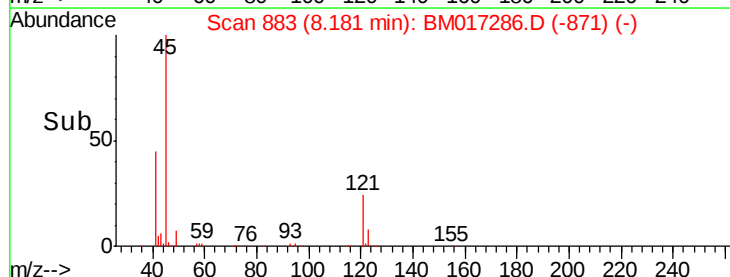


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)

Time-->





#17

2-Methylphenol

Concen: 53.744 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 815018

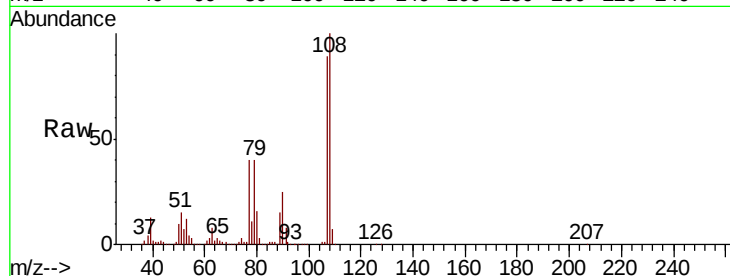
Ion Ratio Lower Upper

107 100

108 112.1 90.3 135.5

77 45.0 37.0 55.4

79 45.1 35.8 53.6

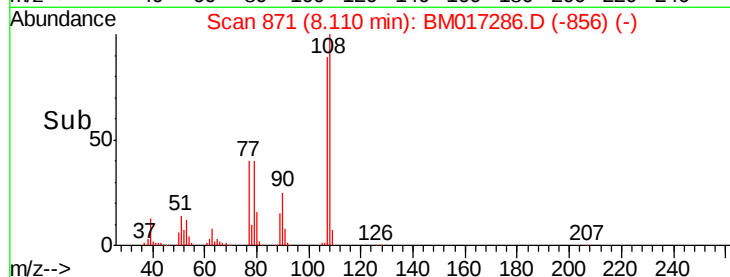


Abundance Ion 107.00 (106.70 to 107.70): E

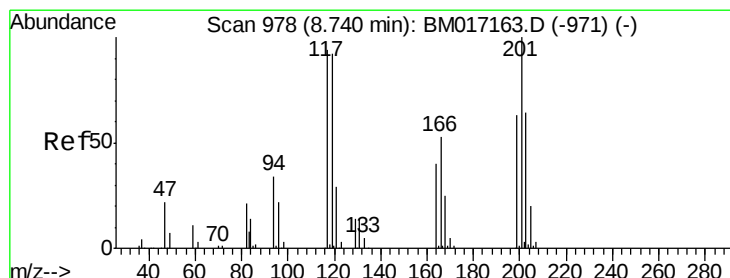
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#18

Hexachloroethane

Concen: 46.159 ng

RT: 8.72 min Scan# 975

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

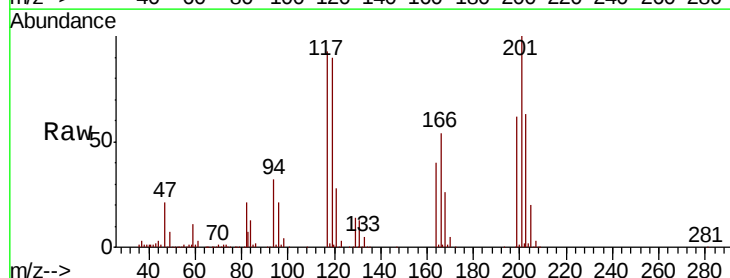
Tgt Ion:117 Resp: 350827

Ion Ratio Lower Upper

117 100

119 96.8 78.2 117.2

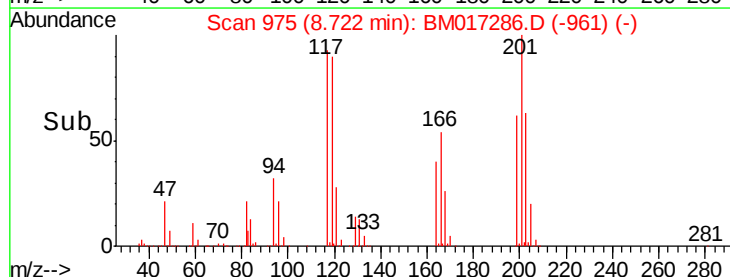
201 107.3 85.3 127.9



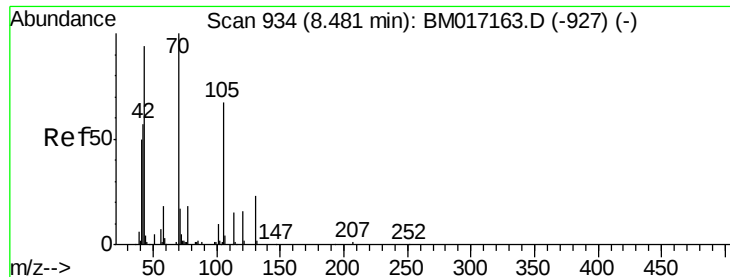
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



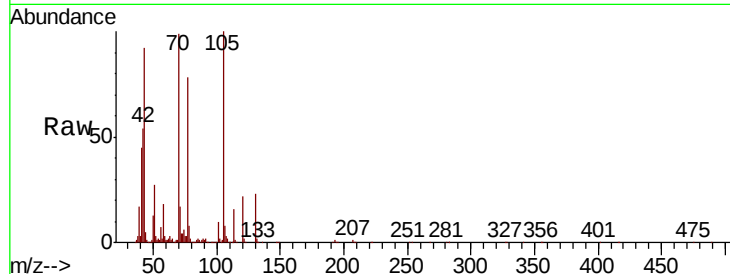
Time-->



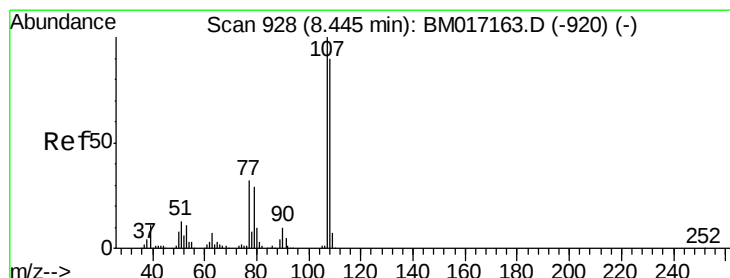
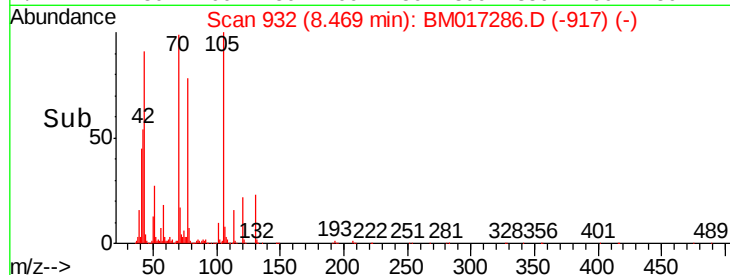
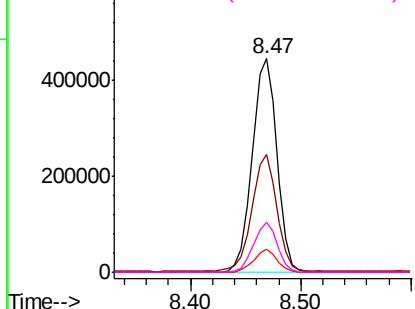
#19
n-Nitroso-di-n-propylamine
Concen: 48.157 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	696104
Ion	Ratio	Lower	Upper
70	100		
42	54.9	46.1	69.1
101	10.6	8.2	12.4
130	23.5	18.4	27.6

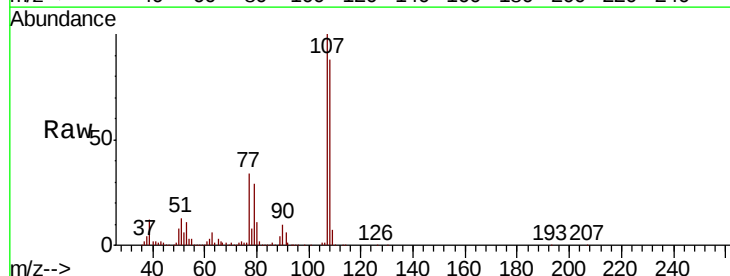


Abundance Ion 70.00 (69.70 to 70.70): BM017286.D (-917) (-)
Ion 42.00 (41.70 to 42.70): BM017286.D (-917) (-)
Ion 101.00 (100.70 to 101.70): BM017286.D (-917) (-)
Ion 130.00 (129.70 to 130.70): BM017286.D (-917) (-)

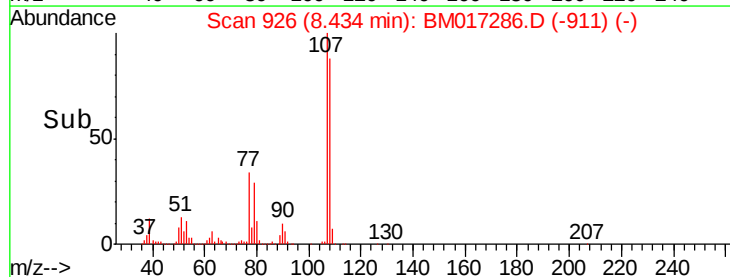
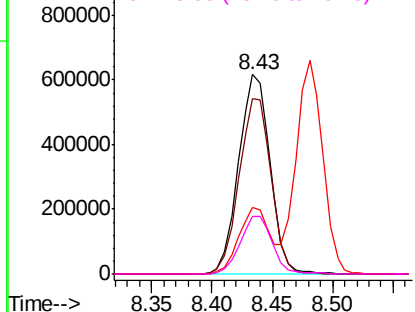


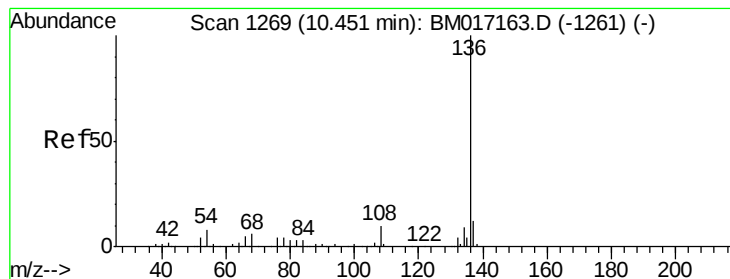
#20
3+4-Methylphenols
Concen: 53.982 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:	107	Resp:	1119662
Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.9	109.9
77	33.7	12.2	52.2
79	29.2	9.0	49.0



Abundance Ion 107.00 (106.70 to 107.70): BM017286.D (-911) (-)
Ion 108.00 (107.70 to 108.70): BM017286.D (-911) (-)
Ion 77.00 (76.70 to 77.70): BM017286.D (-911) (-)
Ion 79.00 (78.70 to 79.70): BM017286.D (-911) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1124562

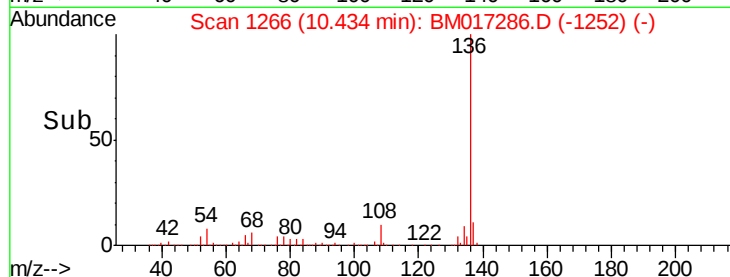
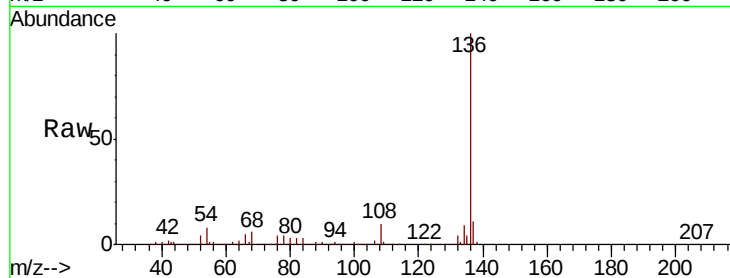
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.6 6.7 10.1

68 6.0 4.7 7.1

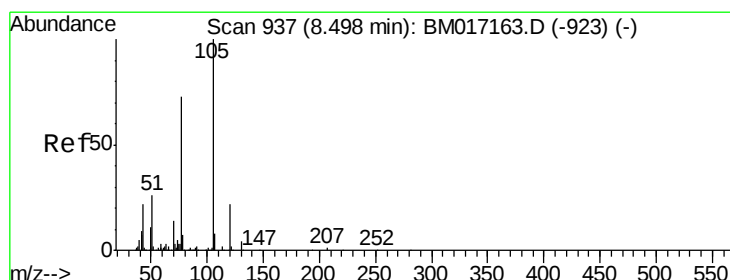
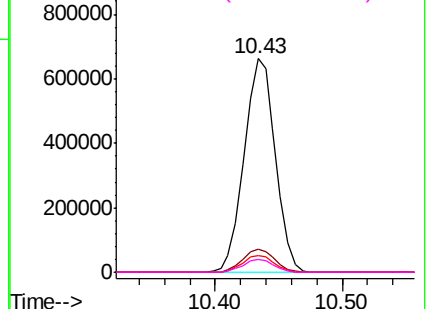


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.037 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Tgt Ion:105 Resp: 1369360

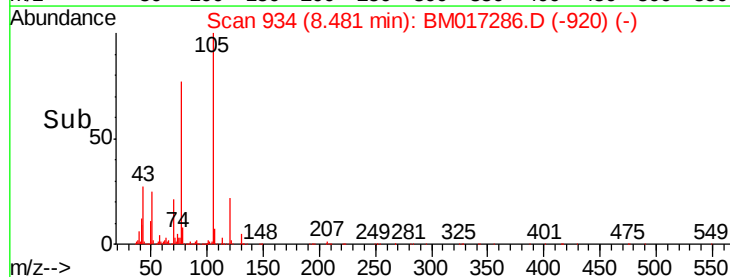
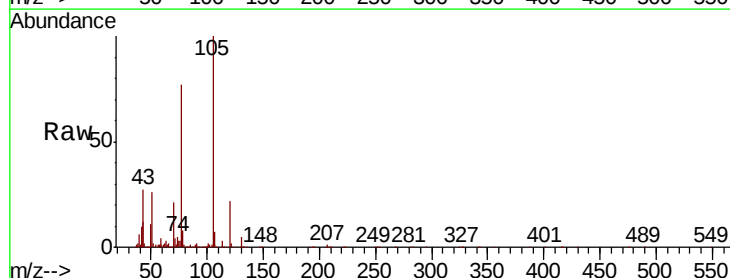
Ion Ratio Lower Upper

105 100

71 3.6 2.0 3.0#

51 25.5 20.6 31.0

120 22.2 17.5 26.3

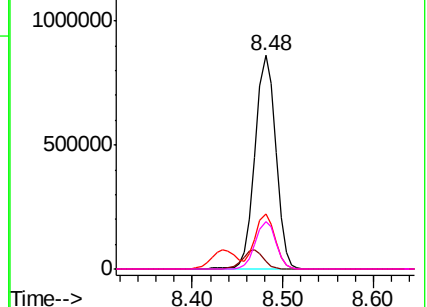


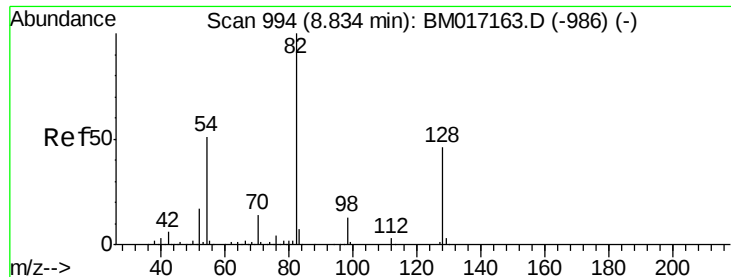
Abundance Ion 105.00 (104.70 to 105.70): E

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

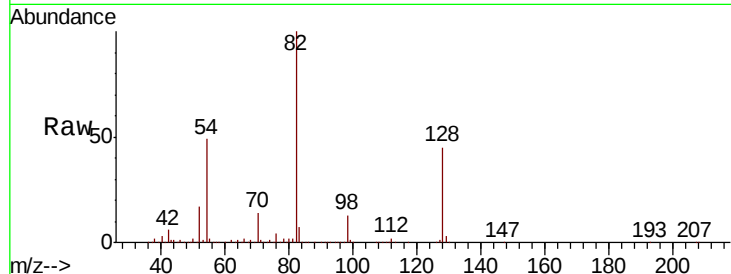




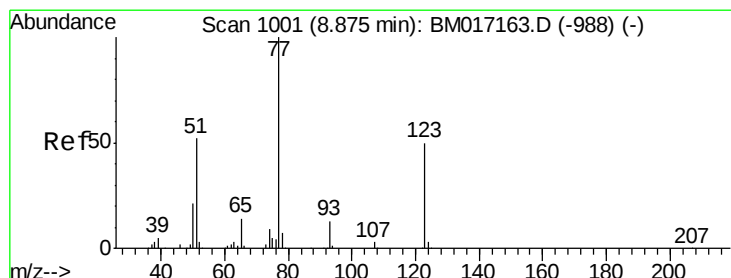
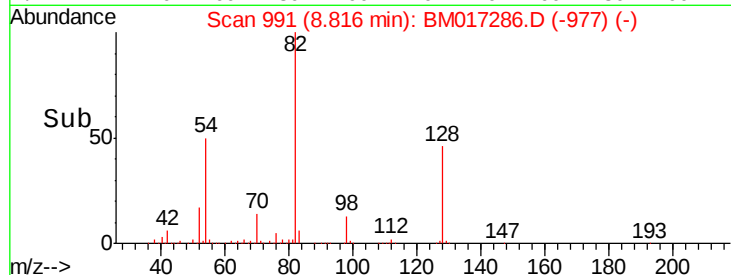
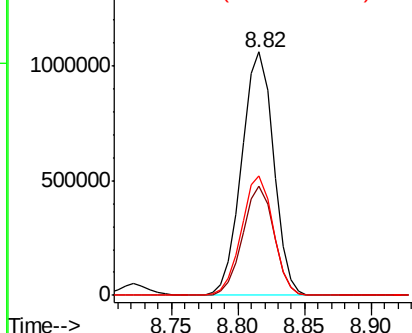
#23
Nitrobenzene-d5
Concen: 91.409 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1757612
Ion Ratio Lower Upper
82 100
128 44.8 37.0 55.6
54 48.9 40.7 61.1

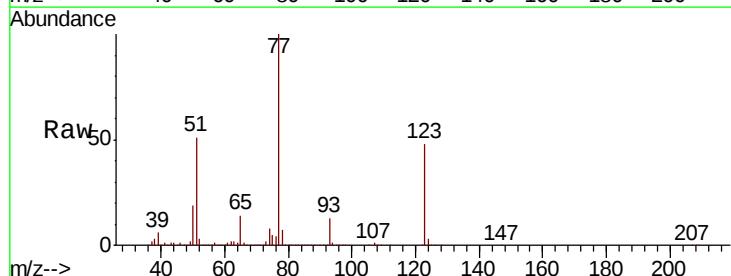


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-986) (-)
Ion 128.00 (127.70 to 128.70): BM017163.D (-986) (-)
Ion 54.00 (53.70 to 54.70): BM017163.D (-986) (-)

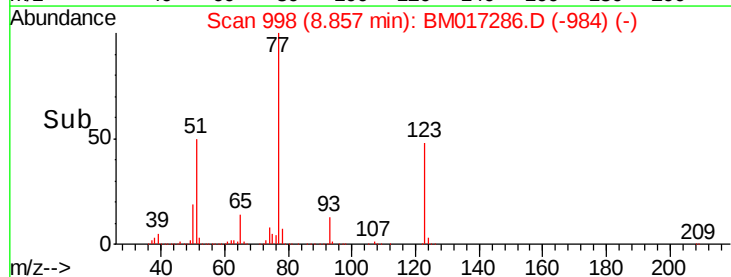
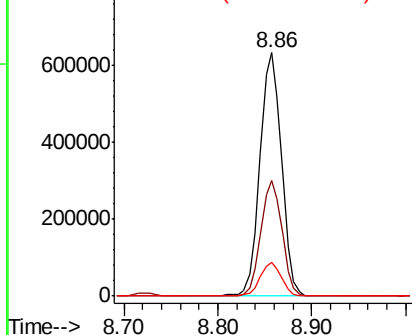


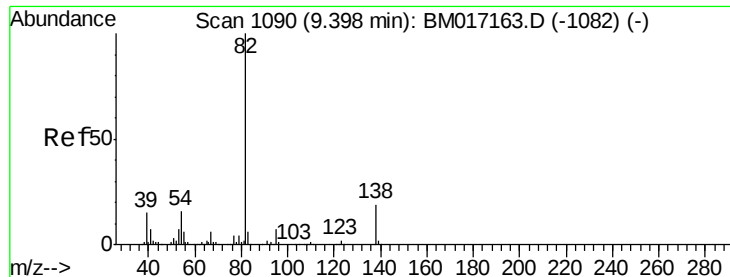
#24
Nitrobenzene
Concen: 49.291 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion: 77 Resp: 1002521
Ion Ratio Lower Upper
77 100
123 47.7 40.2 60.4
65 13.8 11.4 17.0



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-988) (-)
Ion 123.00 (122.70 to 123.70): BM017163.D (-988) (-)
Ion 65.00 (64.70 to 65.70): BM017163.D (-988) (-)

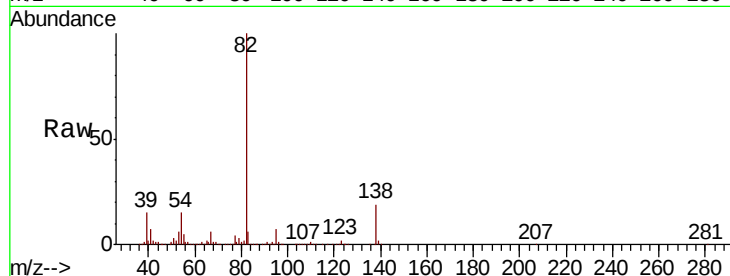




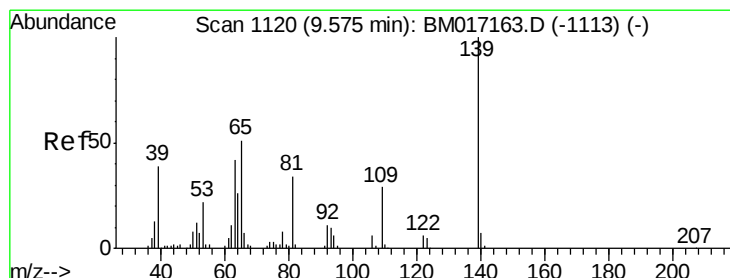
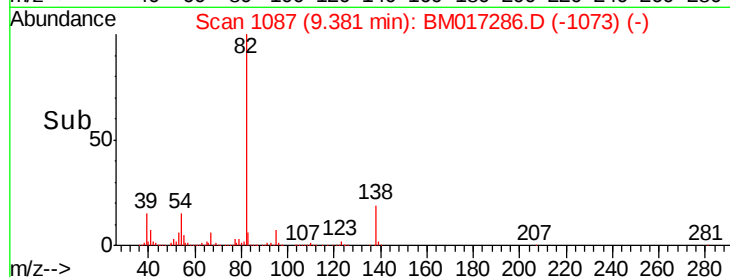
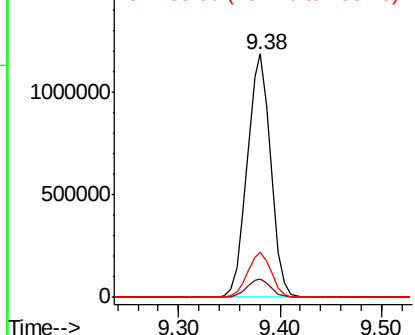
#25
Isophorone
Concen: 59.868 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1900875
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.7 15.4 23.2

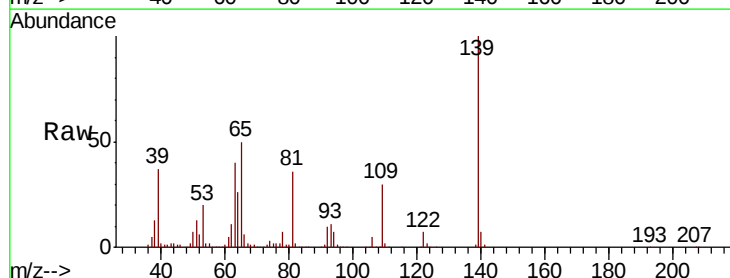


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

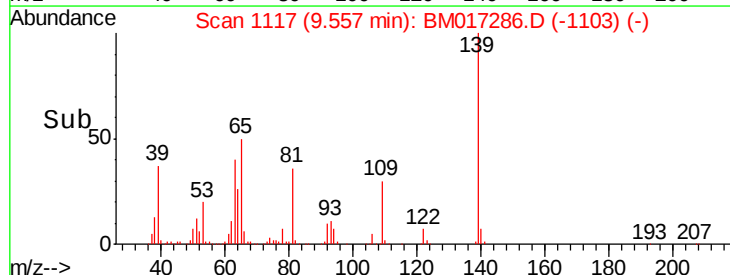
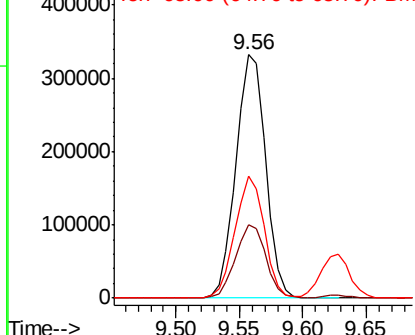


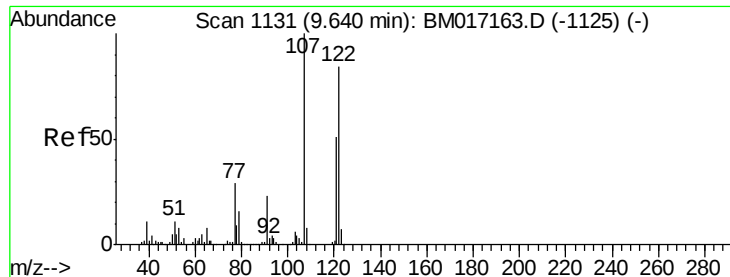
#26
2-Nitrophenol
Concen: 55.718 ng
RT: 9.56 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion: 139 Resp: 540283
Ion Ratio Lower Upper
139 100
109 30.0 23.2 34.8
65 50.0 40.6 61.0



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): BM0





#27

2,4-Dimethylphenol

Concen: 66.180 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

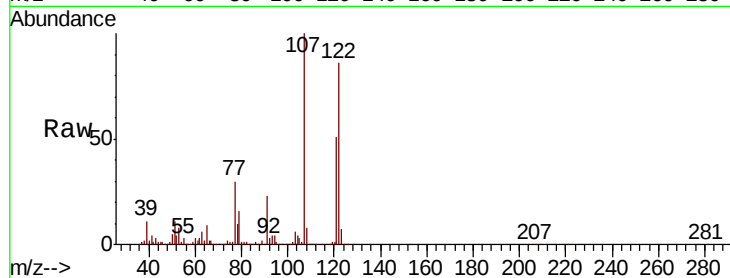
Tot Ion:122 Resp: 929149

Ion Ratio Lower Upper

122 100

107 116.0 95.0 142.6

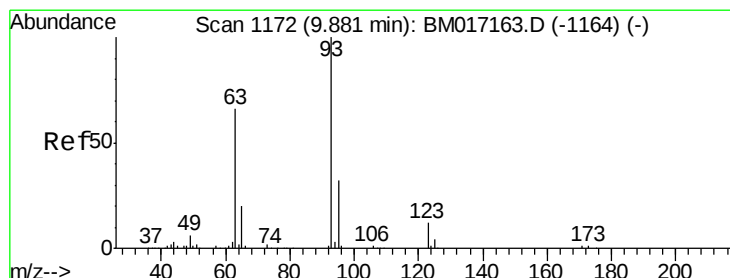
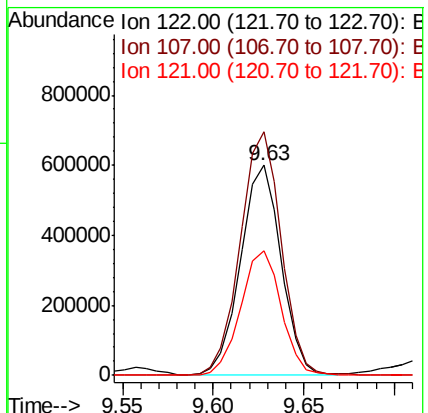
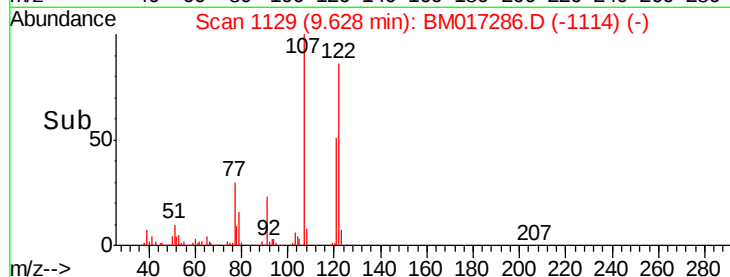
121 59.3 48.2 72.4



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: 53.147 ng

RT: 9.86 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

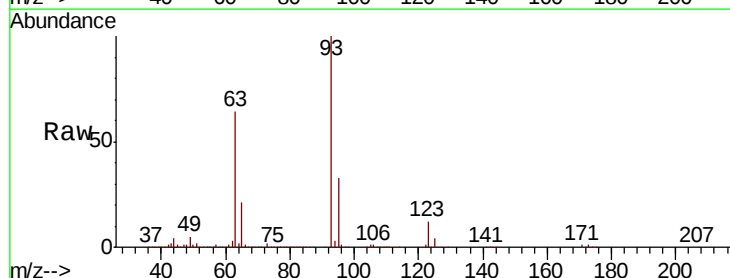
Tgt Ion: 93 Resp: 1187706

Ion Ratio Lower Upper

93 100

95 33.2 25.7 38.5

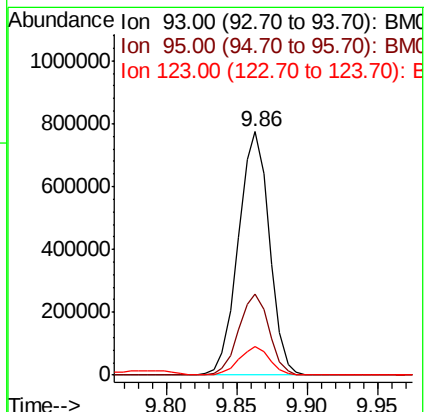
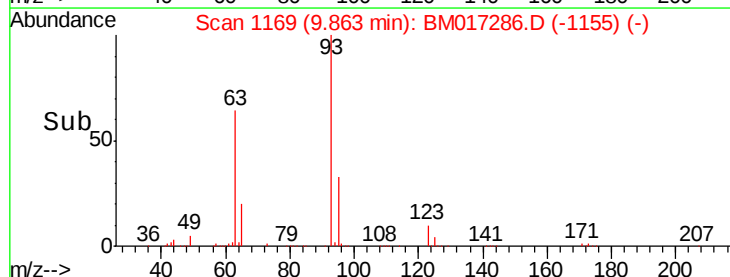
123 11.7 9.4 14.0

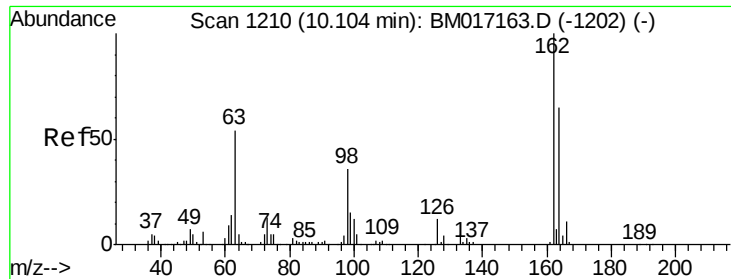


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

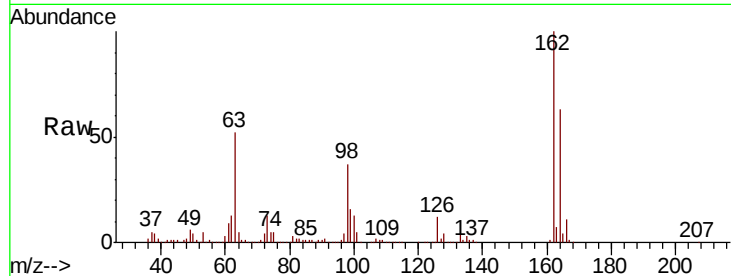




#29
 2,4-Dichlorophenol
 Concen: 59.086 ng
 RT: 10.09 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.9	84.9
98	37.0	15.8	55.8

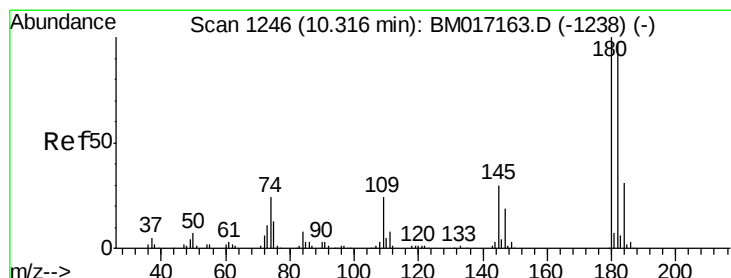
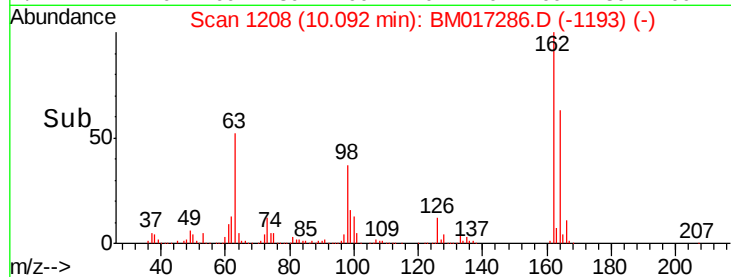
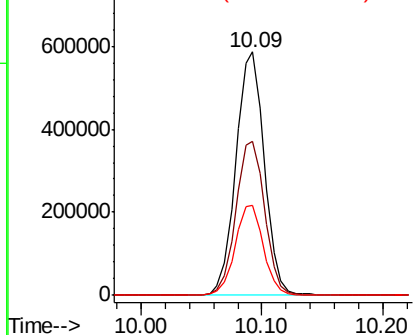


Abundance

Ion 162.00 (161.70 to 162.70): E

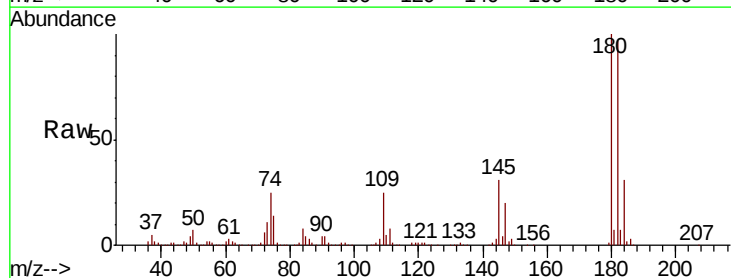
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.159 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	31.5	24.0	36.0

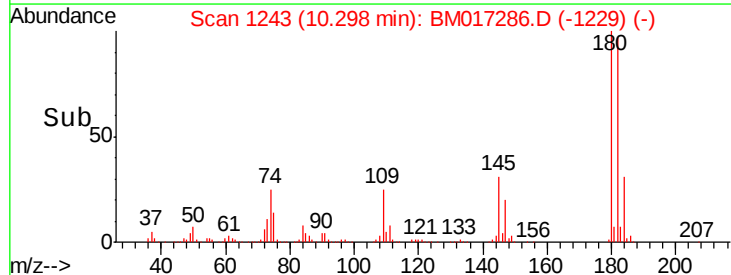
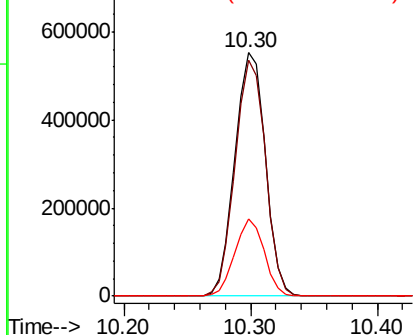


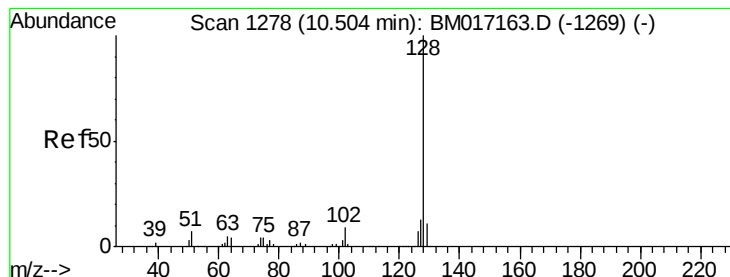
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

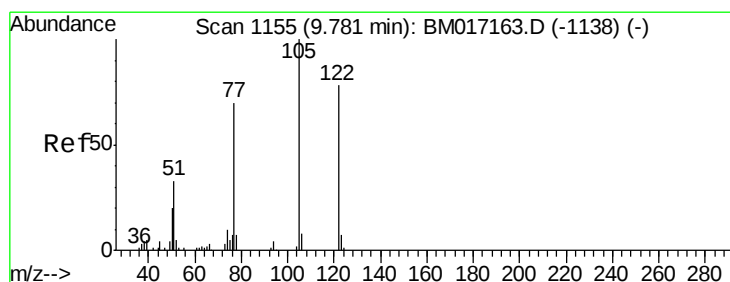
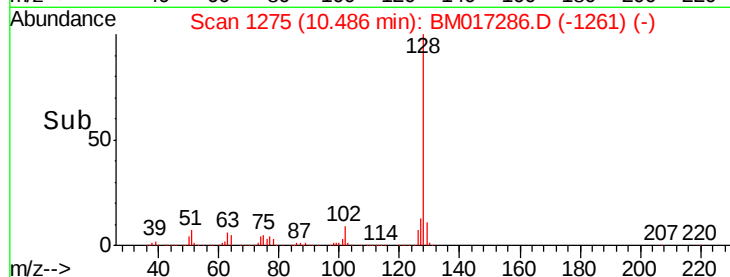
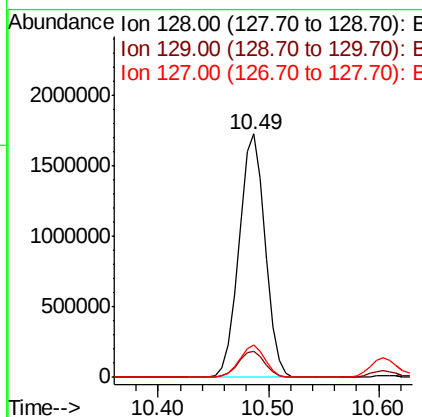
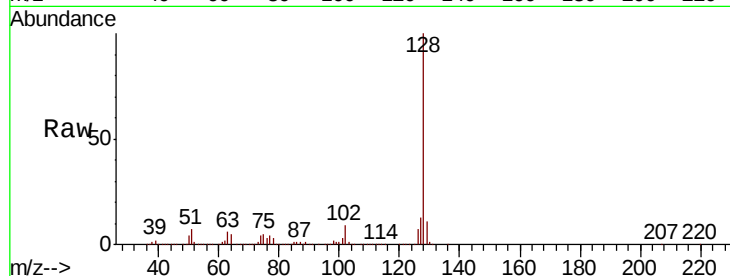




#31
Naphthalene
Concen: 51.692 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

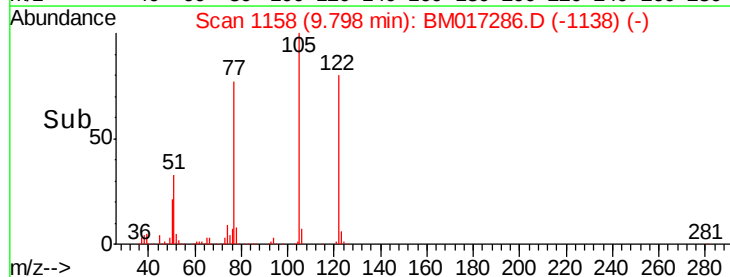
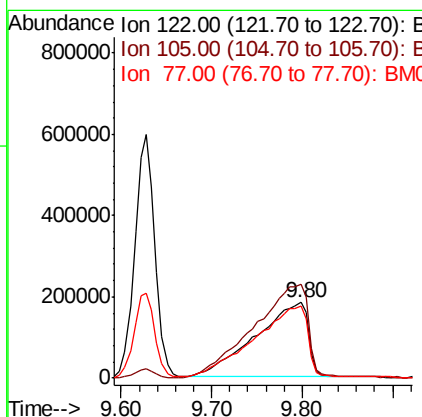
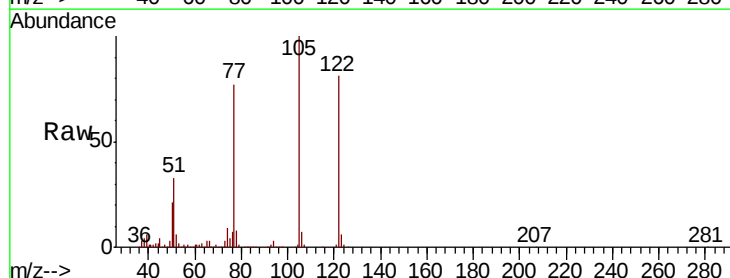
Instrument :
BNA_M
ClientSampleId :

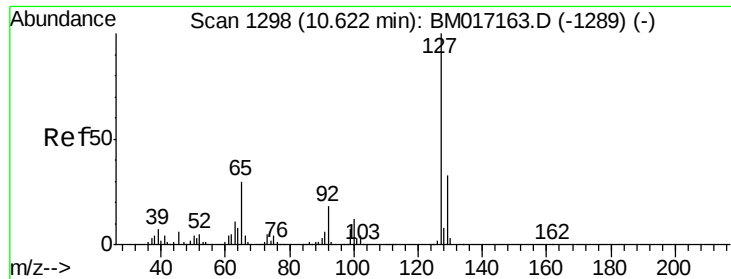
Tot Ion:128 Resp: 2848762
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 69.433 ng
RT: 9.80 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:122 Resp: 727345
Ion Ratio Lower Upper
122 100
105 124.0 102.0 142.0
77 95.6 67.7 107.7

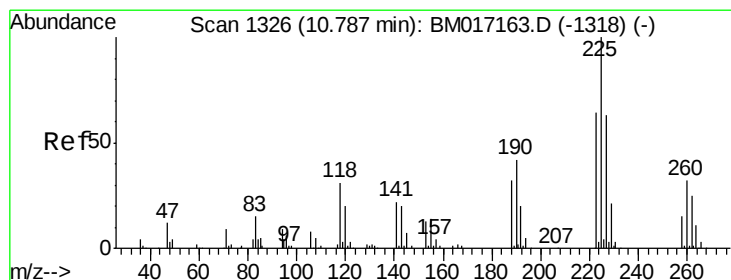
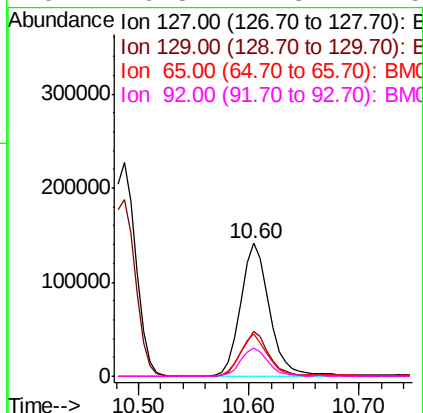
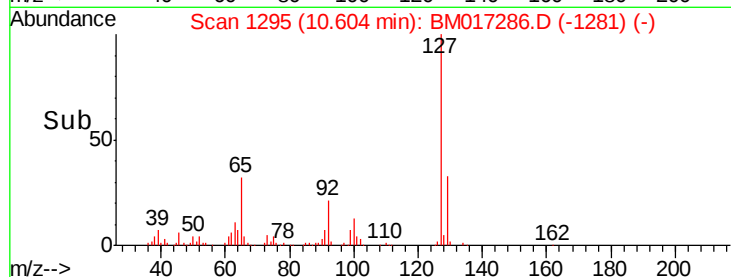
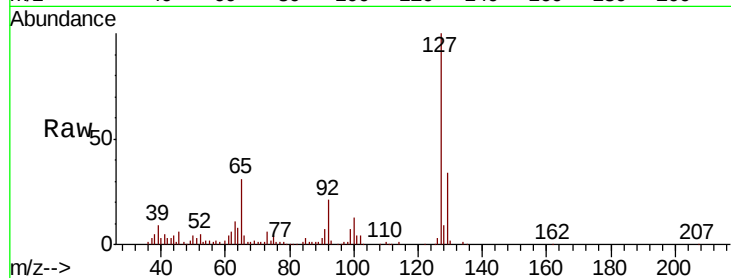




#33
4-Chloroaniline
Concen: 10.984 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

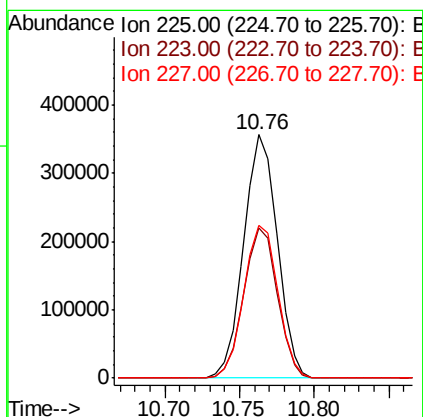
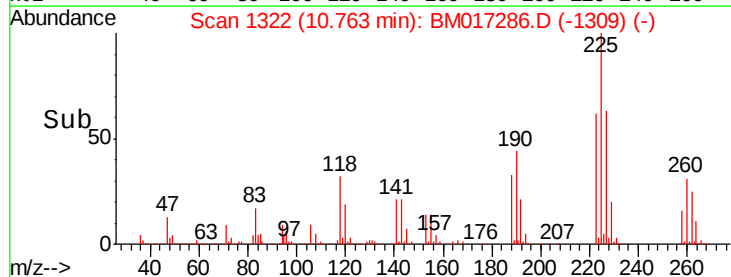
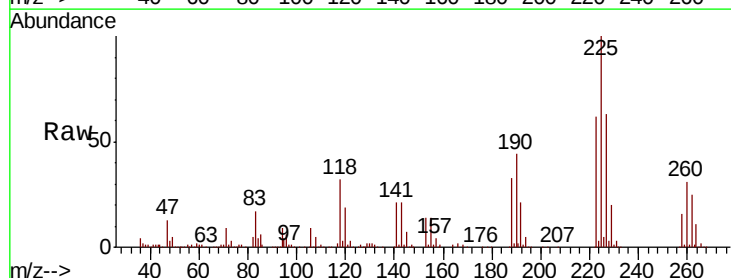
Instrument :
BNA_M
ClientSampleId :

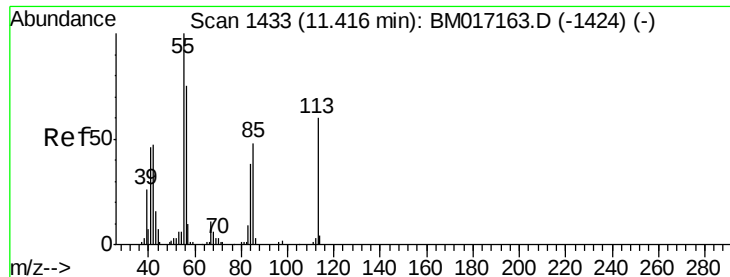
Tot Ion:	127	Resp:	261425
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.4
65	31.3	23.7	35.5
92	20.8	14.3	21.5



#34
Hexachlorobutadiene
Concen: 44.857 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:	225	Resp:	555794
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	63.0	50.8	76.2





#35

Caprolactam

Concen: 53.160 ng

RT: 11.42 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

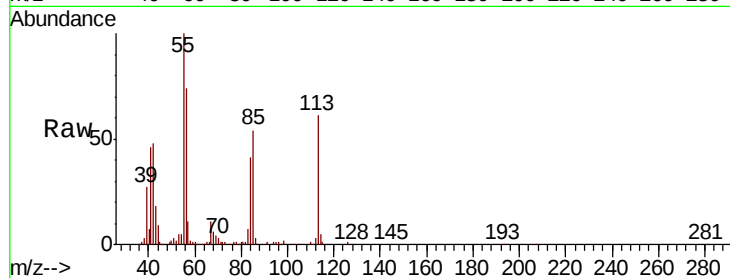
Tot Ion:113 Resp: 315811

Ion Ratio Lower Upper

113 100

55 163.2 147.0 187.0

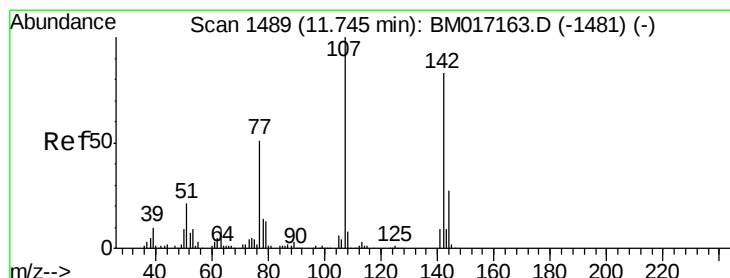
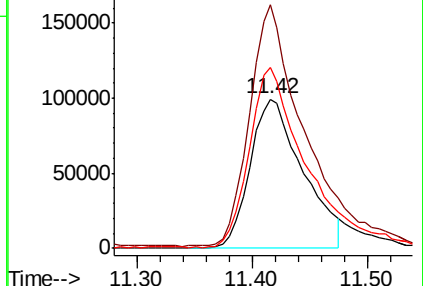
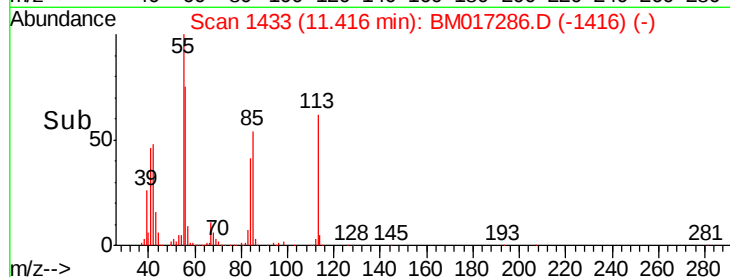
56 121.5 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 59.147 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

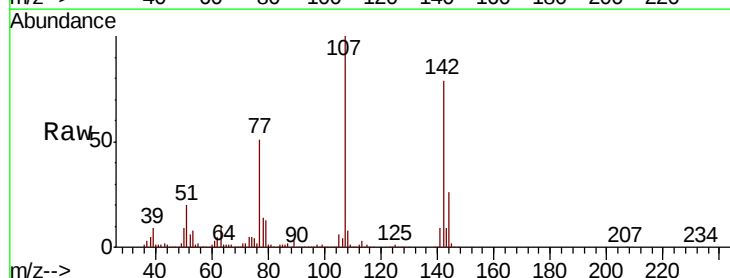
Tgt Ion:107 Resp: 1086803

Ion Ratio Lower Upper

107 100

144 26.0 21.6 32.4

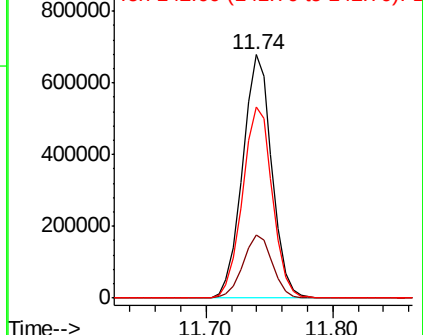
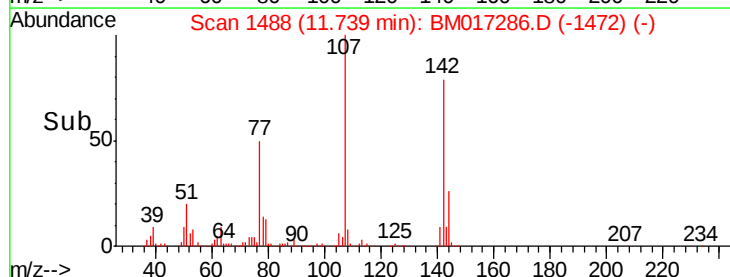
142 78.7 66.0 99.0

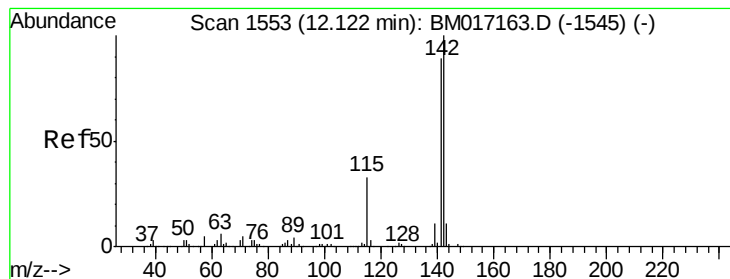


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 57.774 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

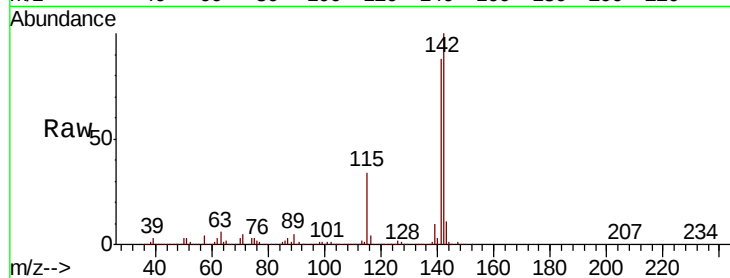
Tot Ion:142 Resp: 2178771

Ion Ratio Lower Upper

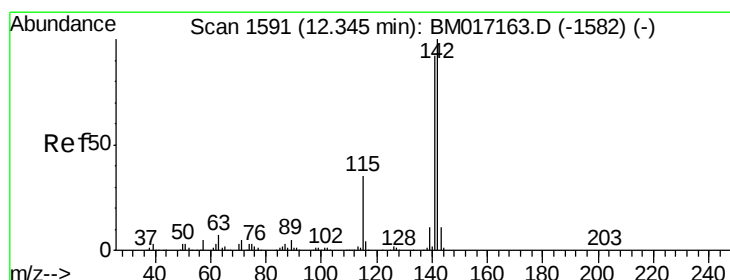
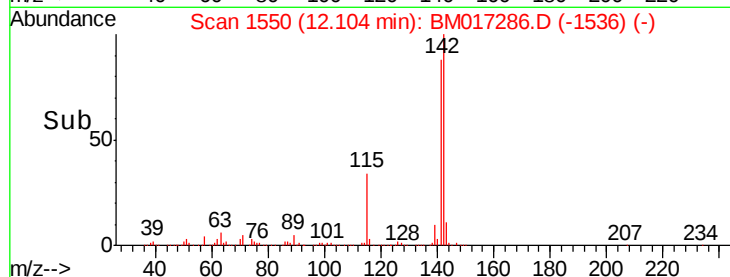
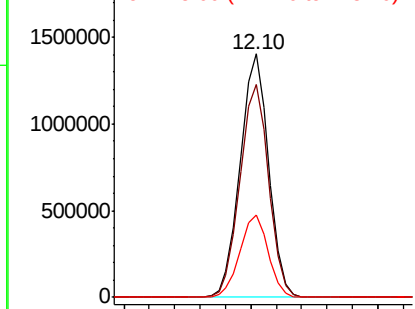
142 100

141 87.6 70.9 106.3

115 33.7 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: 56.498 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

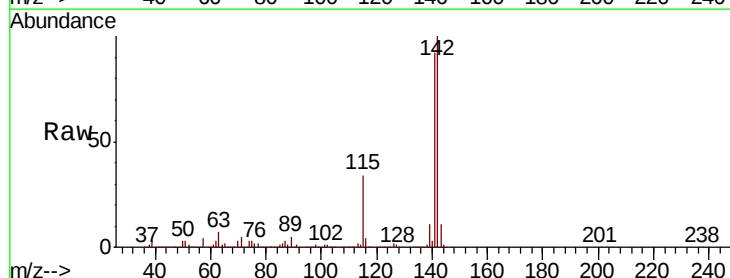
Tgt Ion:142 Resp: 2073727

Ion Ratio Lower Upper

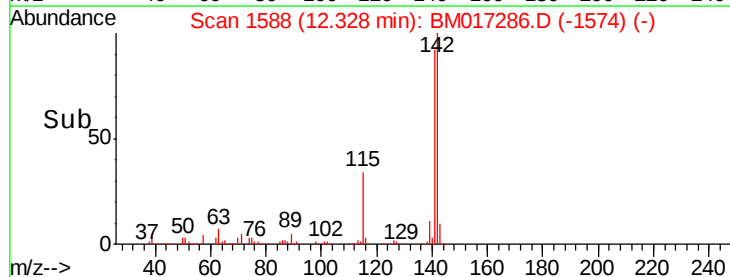
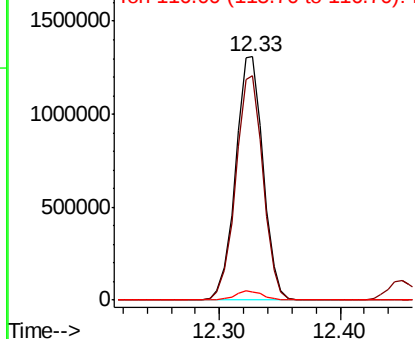
142 100

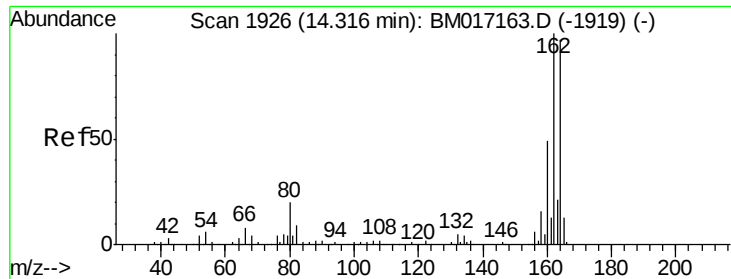
141 91.9 73.8 110.6

116 3.5 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

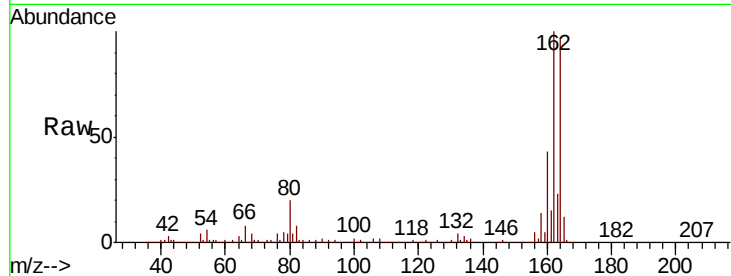




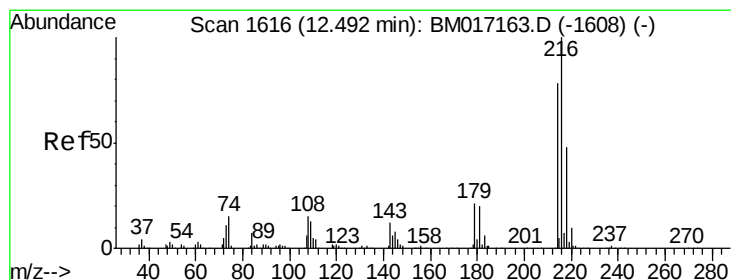
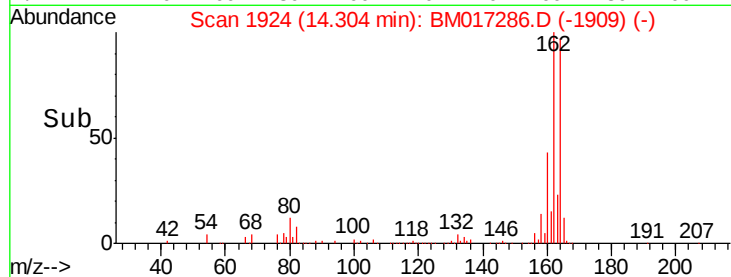
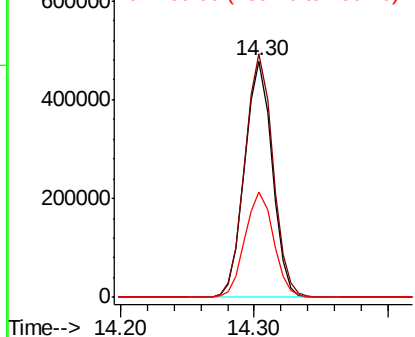
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:164 Resp: 678516
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.1 123.1
 160 44.8 40.2 60.2

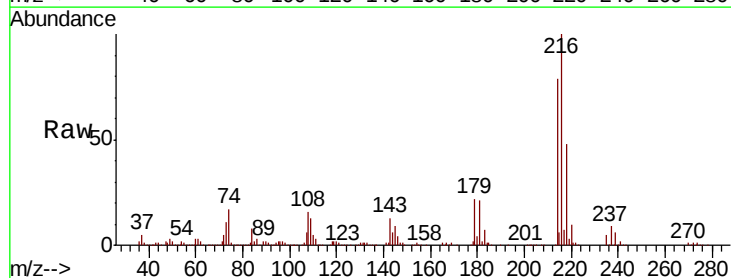


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

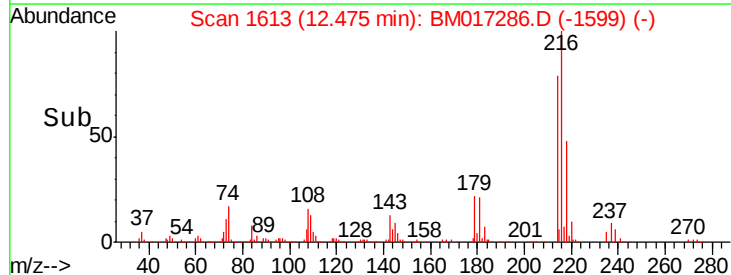
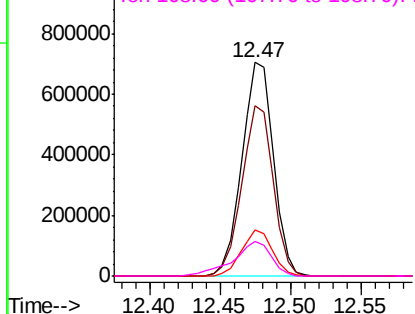


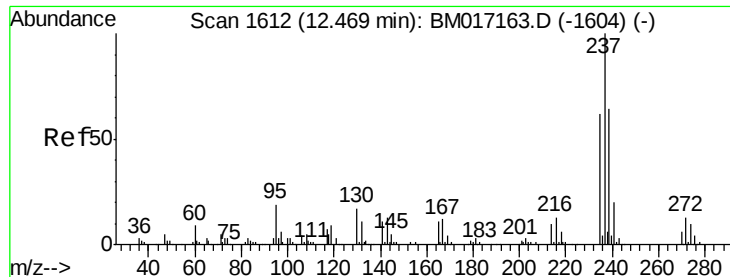
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.255 ng
 RT: 12.47 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Tgt Ion:216 Resp: 1105259
 Ion Ratio Lower Upper
 216 100
 214 78.8 62.6 93.8
 179 20.9 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: 124.580 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

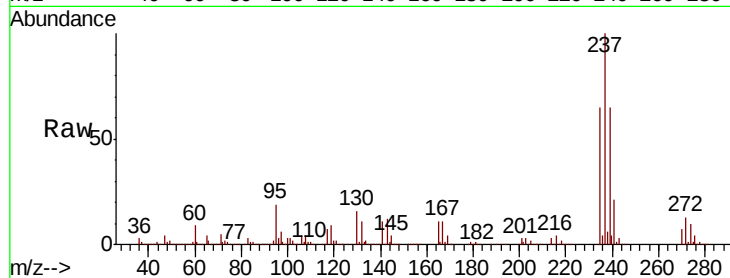
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 1439110

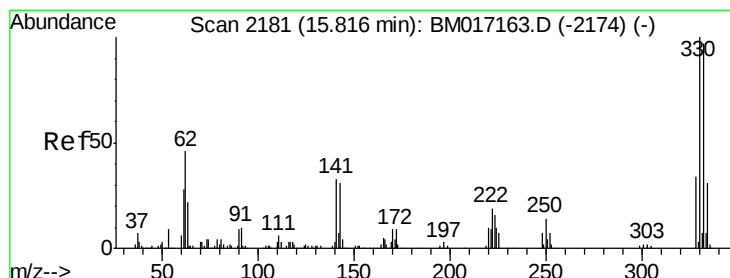
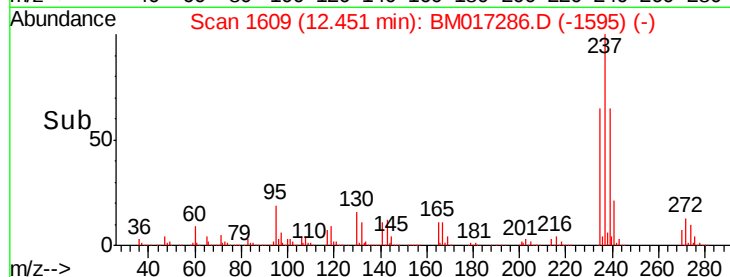
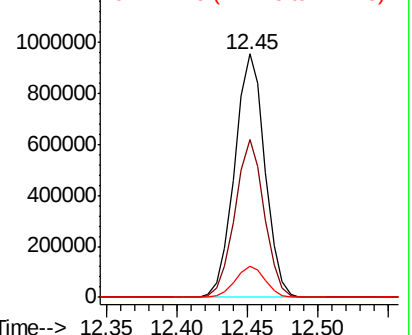
Ion	Ratio	Lower	Upper
237	100		
235	64.8	42.4	82.4
272	13.0	0.0	33.0



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: 149.651 ng

RT: 15.80 min Scan# 2179

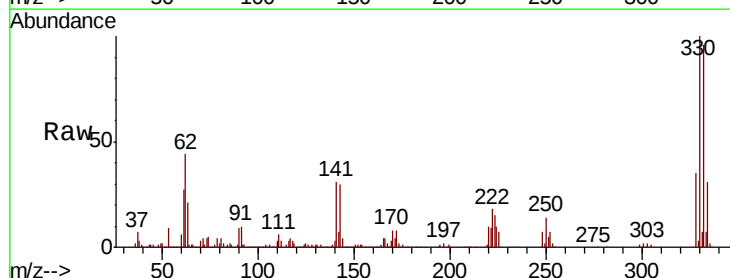
Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Tgt Ion:330 Resp: 1373185

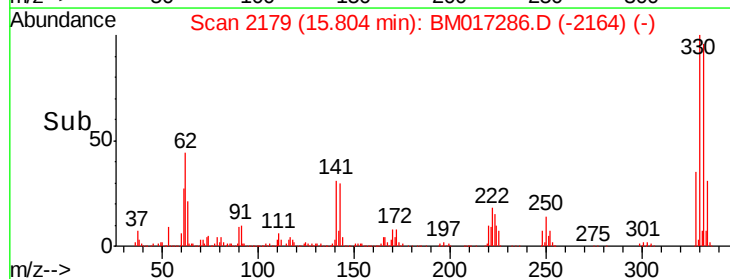
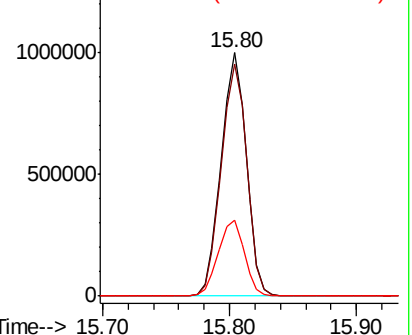
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.3	27.4	41.0

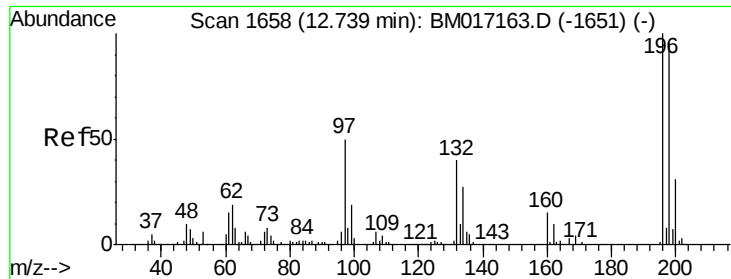


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

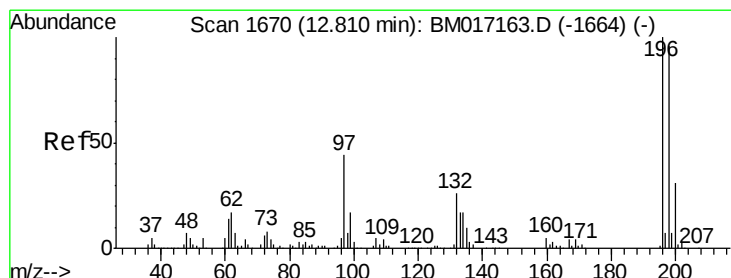
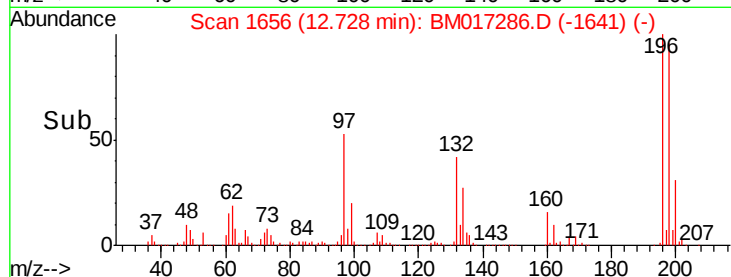
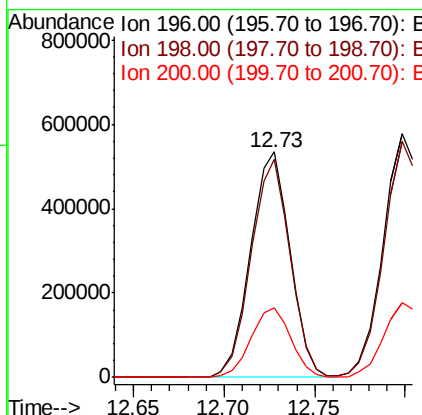
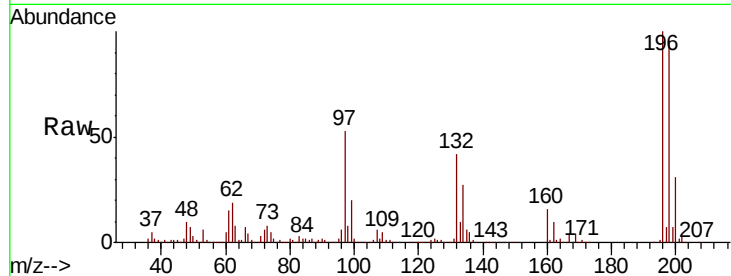




#43
 2,4,6-Trichlorophenol
 Concen: 58.418 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

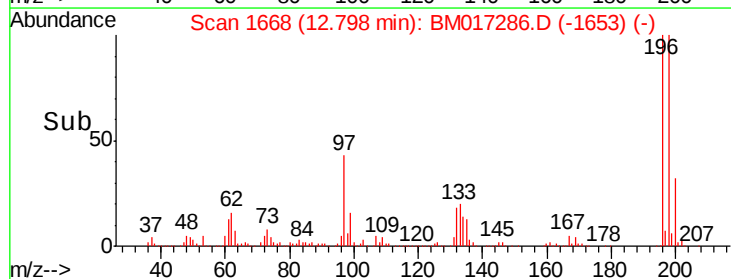
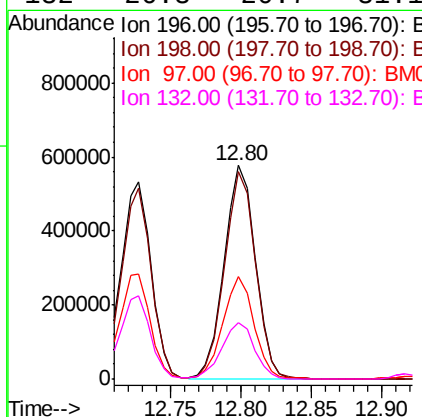
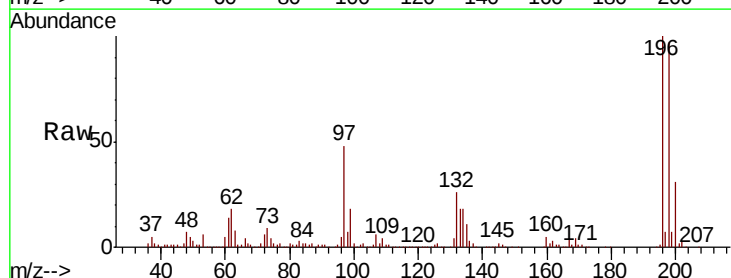
Instrument :
 BNA_M
 ClientSampled :

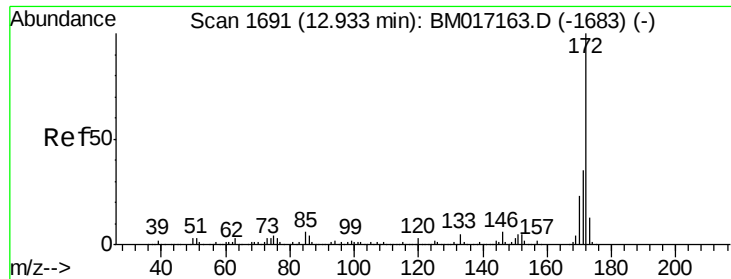
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.1	115.7
200	31.0	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 59.774 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
97	47.8	35.5	53.3
132	26.3	20.7	31.1



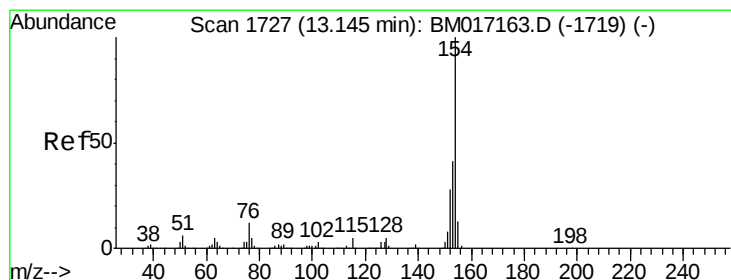
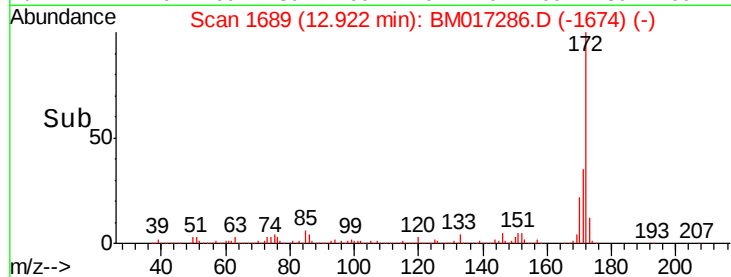
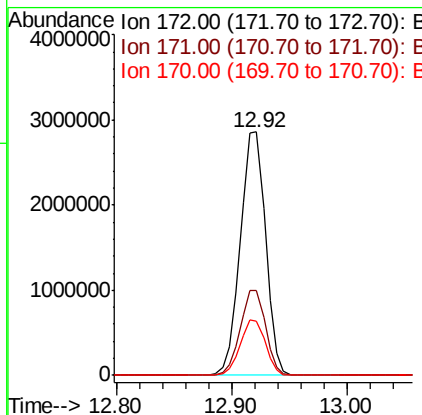
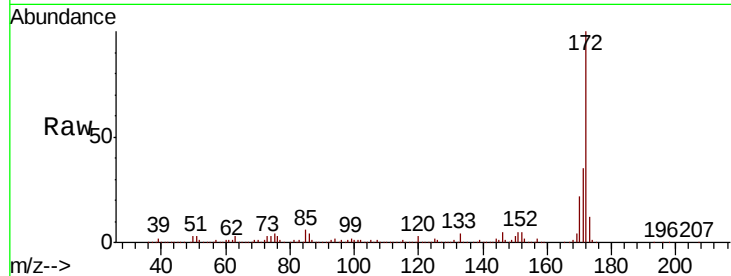


#45
 2-Fluorobiphenyl
 Concen: 85.213 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 4345457

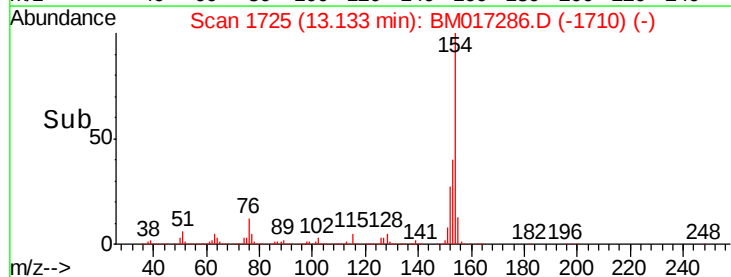
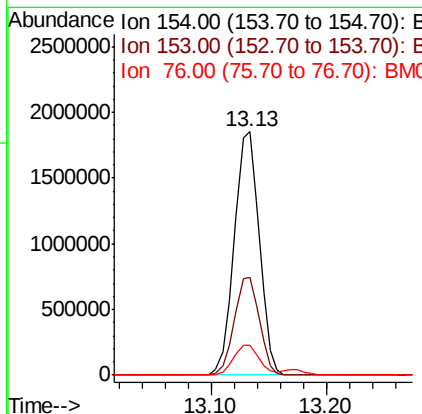
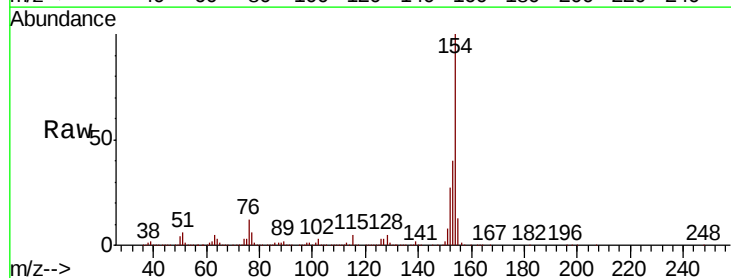
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.5	18.3	27.5



#46
 1,1'-Biphenyl
 Concen: 45.330 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Tgt Ion:154 Resp: 2767796

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	12.3	0.0	31.8

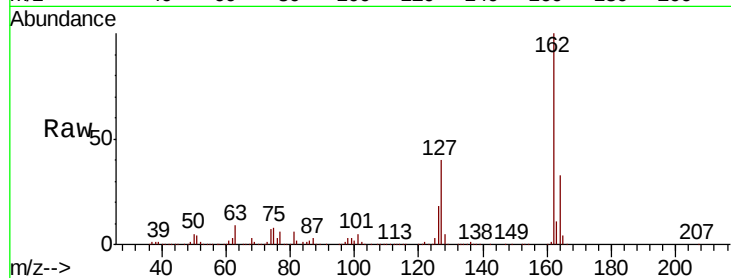




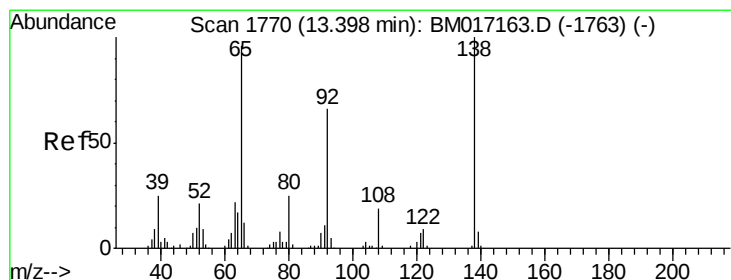
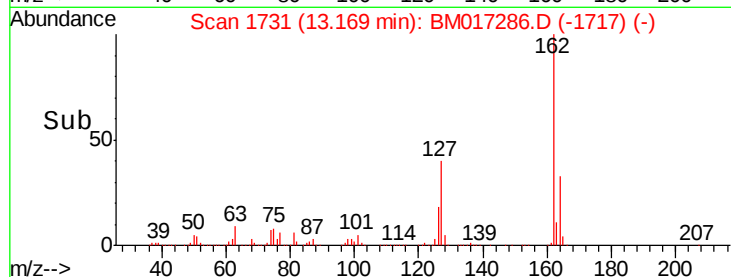
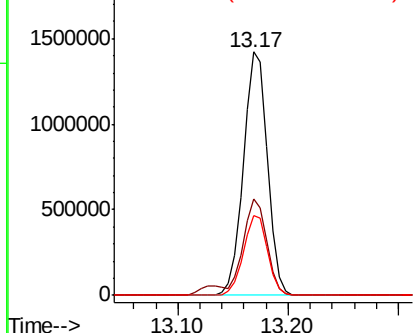
#47
2-Chloronaphthalene
Concen: 48.327 ng
RT: 13.17 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2170808
Ion Ratio Lower Upper
162 100
127 39.6 31.0 46.4
164 32.7 26.6 39.8

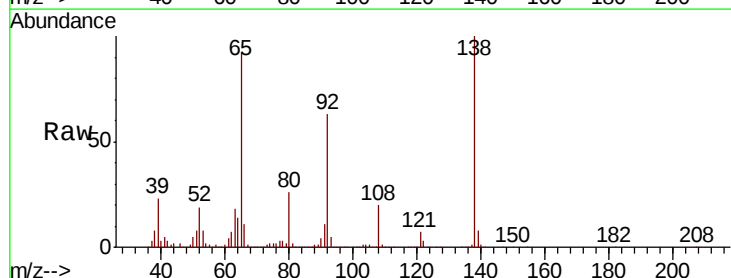


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

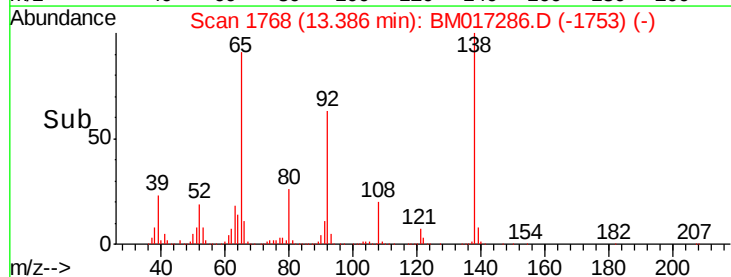
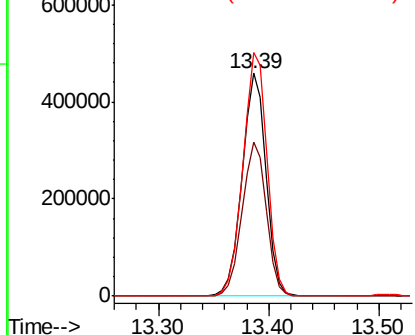


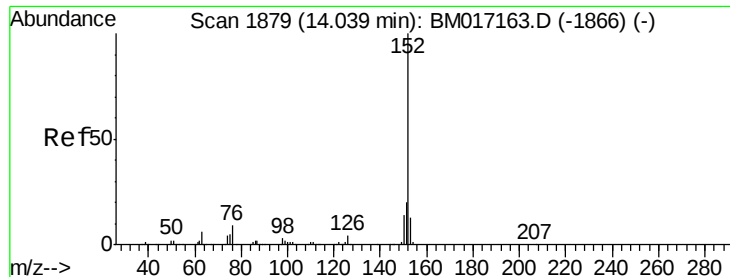
#48
2-Nitroaniline
Concen: 54.305 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion: 65 Resp: 699914
Ion Ratio Lower Upper
65 100
92 69.1 54.9 82.3
138 109.2 83.7 125.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 55.556 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

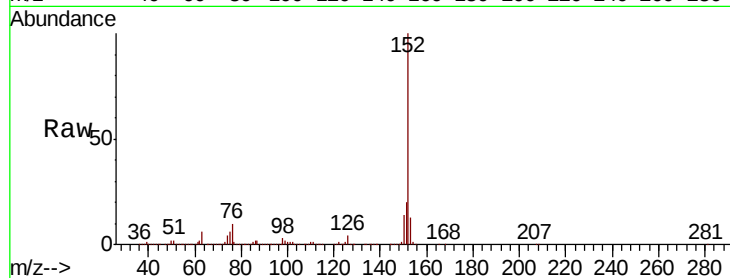
Tot Ion:152 Resp: 3617305

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

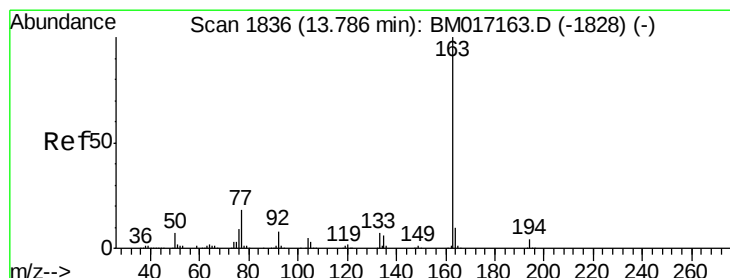
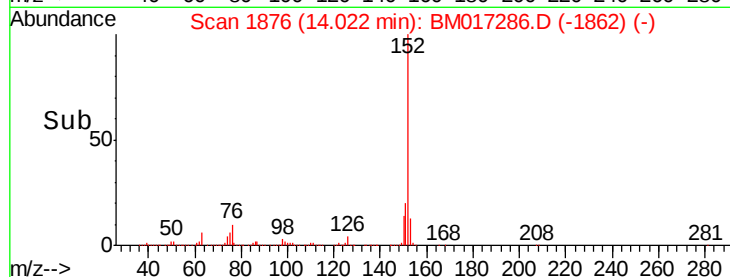
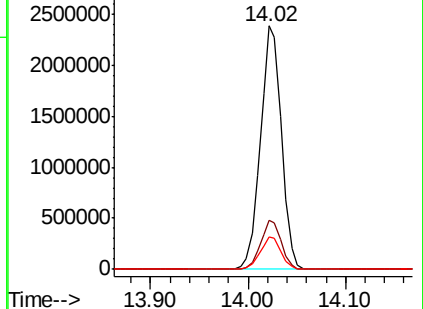
153 13.5 10.4 15.6



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: 54.825 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

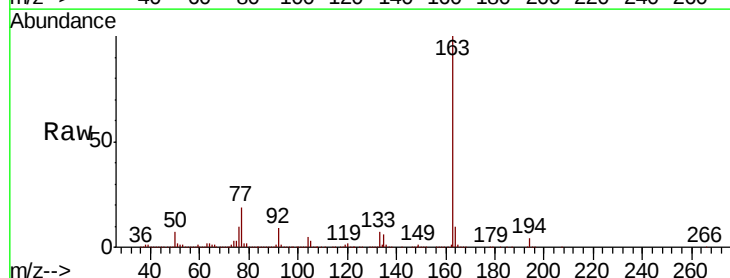
Tgt Ion:163 Resp: 2869966

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

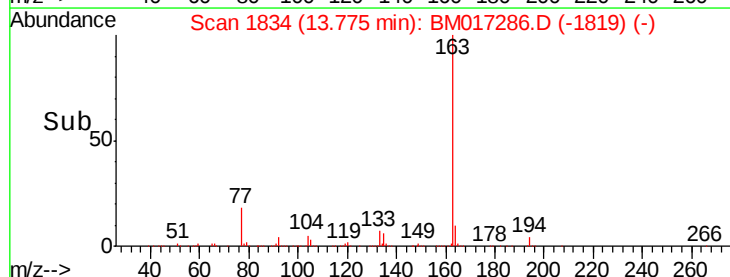
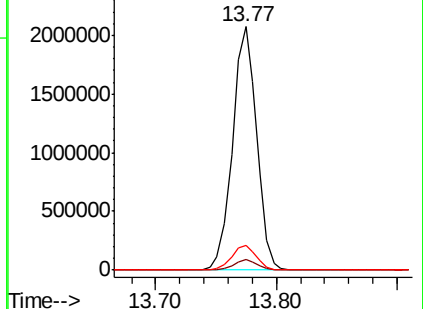
164 10.2 7.8 11.8

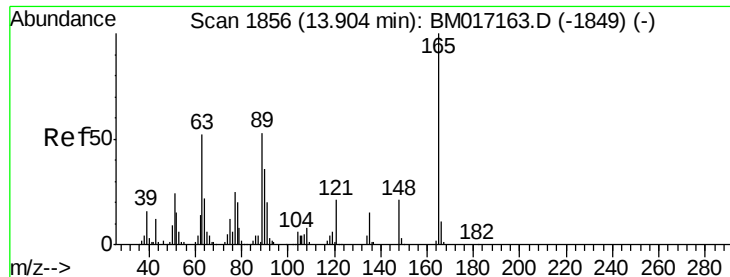


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

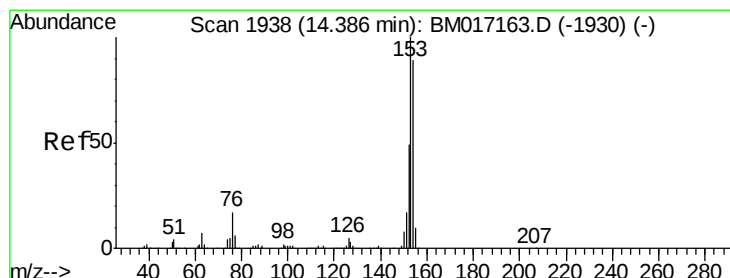
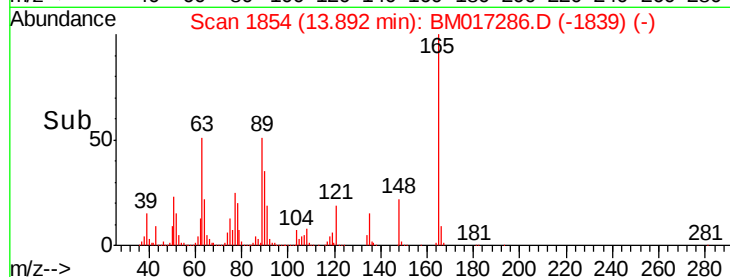
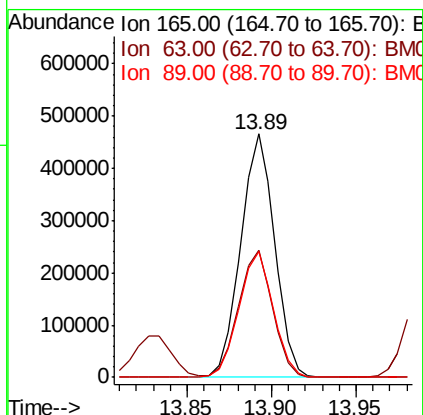
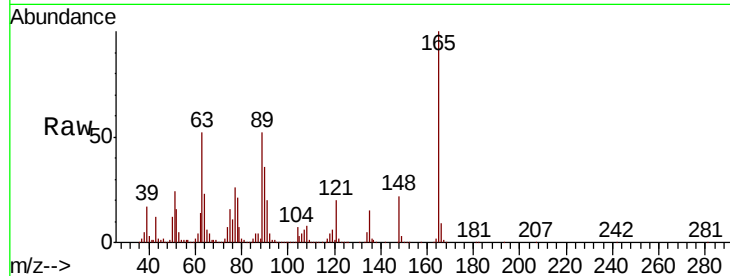




#51
2,6-Dinitrotoluene
Concen: 56.595 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

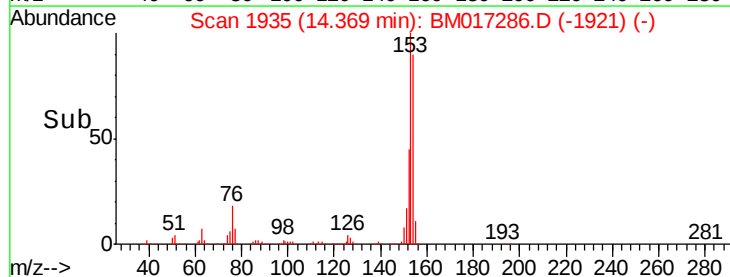
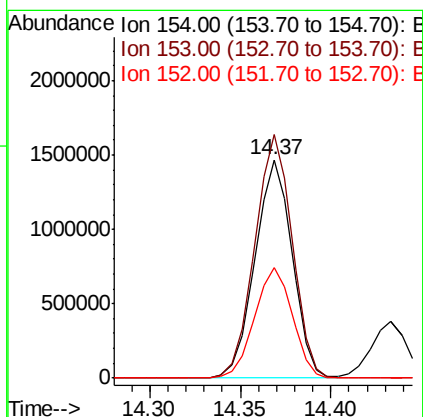
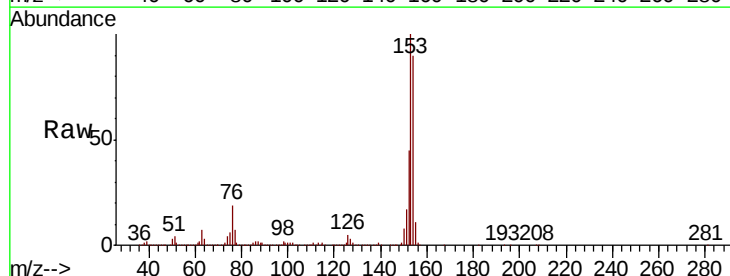
Instrument :
BNA_M
ClientSampleId :

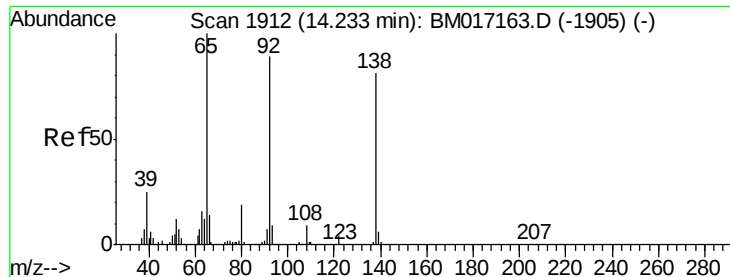
Tot Ion:165 Resp: 652066
Ion Ratio Lower Upper
165 100
63 52.3 42.7 64.1
89 51.6 42.1 63.1



#52
Acenaphthene
Concen: 51.225 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:154 Resp: 2094134
Ion Ratio Lower Upper
154 100
153 111.4 90.2 135.2
152 50.6 44.2 66.4

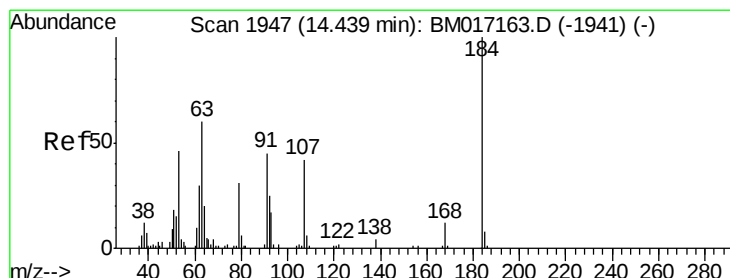
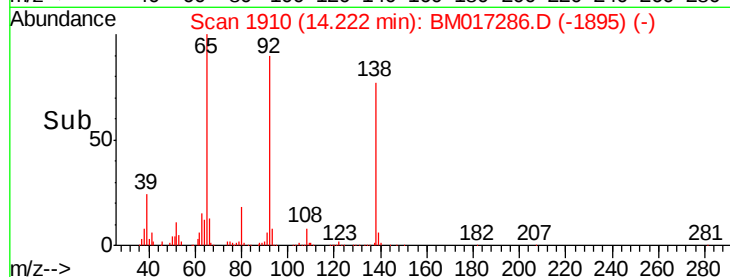
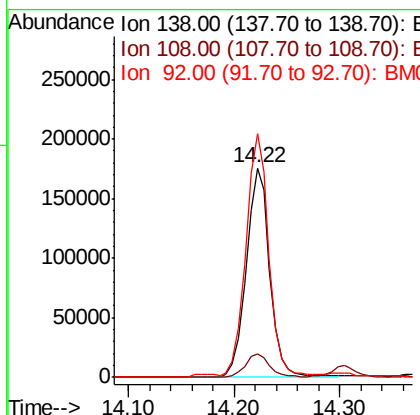
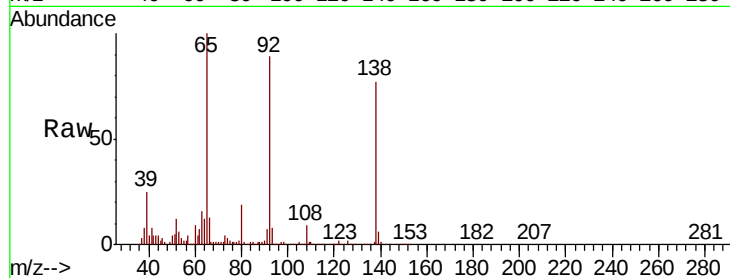




#53
3-Nitroaniline
Concen: 21.793 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

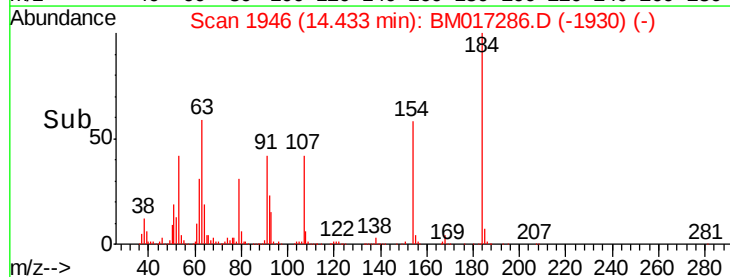
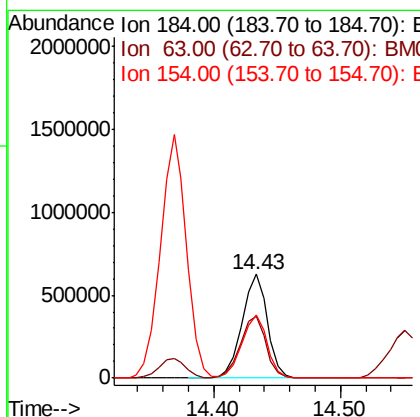
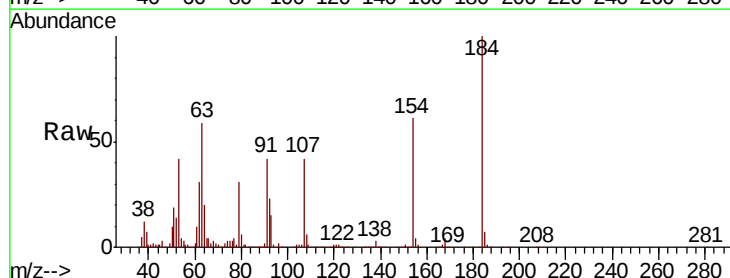
Instrument :
BNA_M
ClientSampleId :

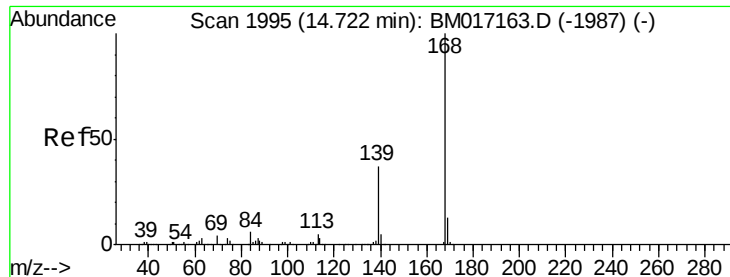
Tot Ion:138 Resp: 271938
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 116.3 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 122.796 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:184 Resp: 863149
Ion Ratio Lower Upper
184 100
63 59.3 51.2 76.8
154 60.9 47.8 71.8





#55

Dibenzofuran

Concen: 49.545 ng

RT: 14.70 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

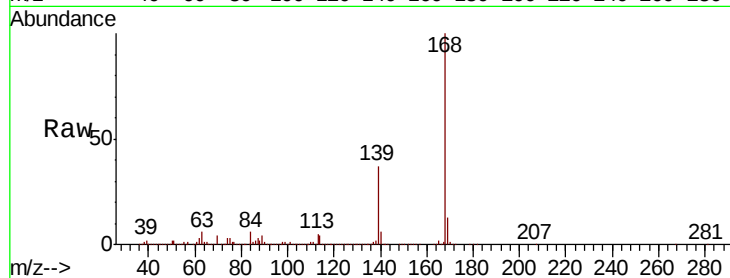
Tot Ion:168 Resp: 3368269

Ion Ratio Lower Upper

168 100

139 37.1 29.3 43.9

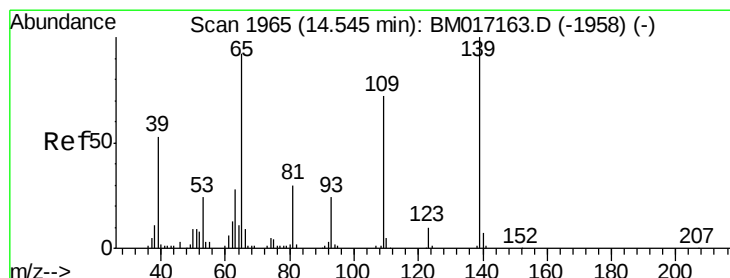
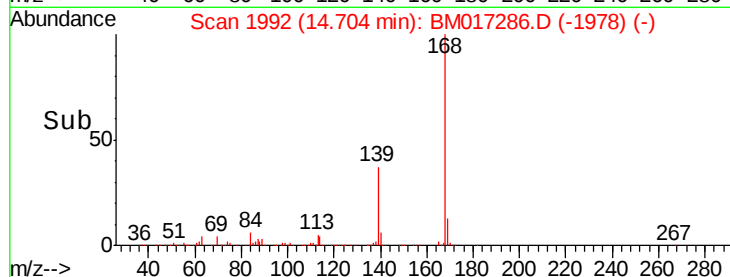
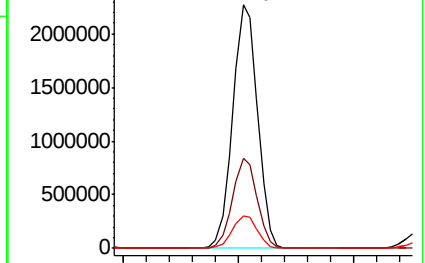
169 13.3 10.6 15.8



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: 146.409 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

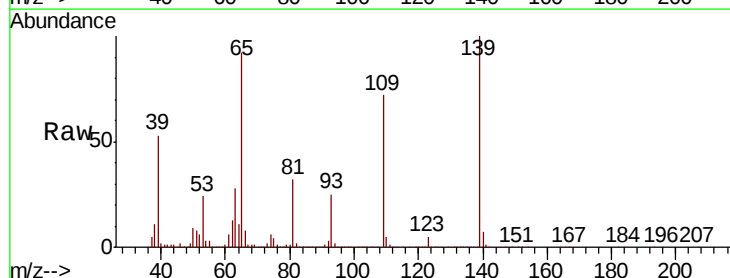
Tgt Ion:139 Resp: 1712382

Ion Ratio Lower Upper

139 100

109 71.6 51.8 91.8

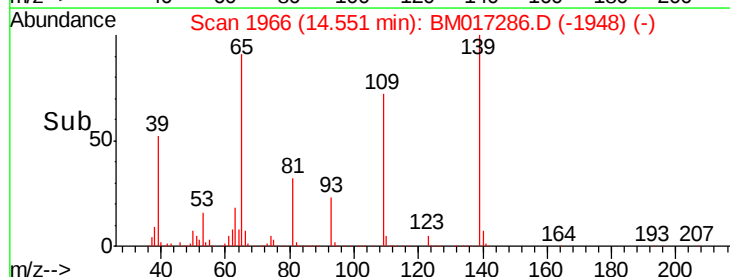
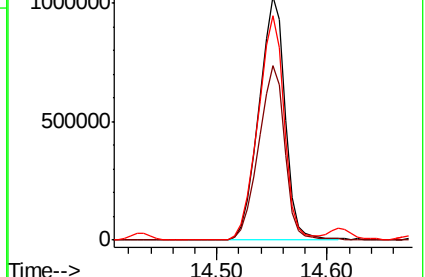
65 92.2 72.1 112.1

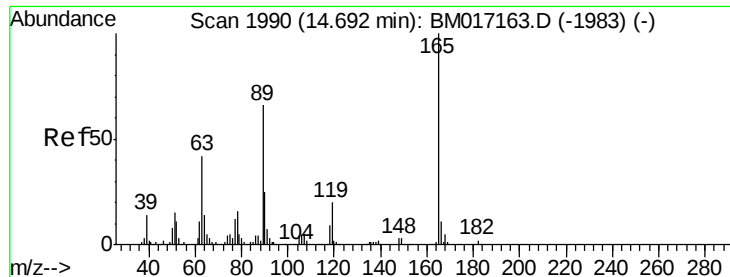


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

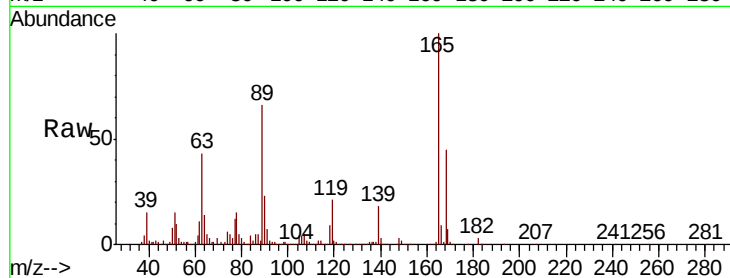




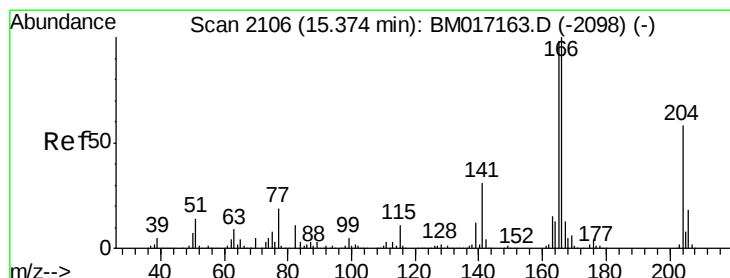
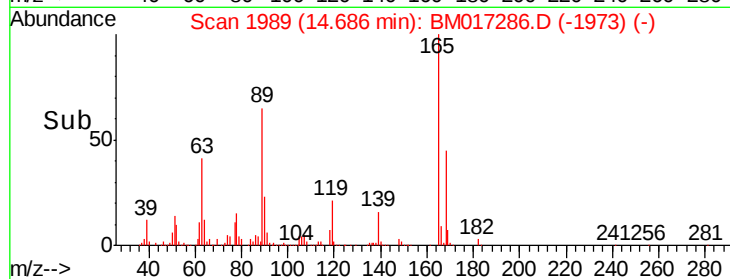
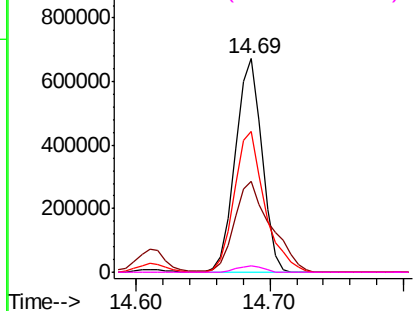
#57
 2,4-Dinitrotoluene
 Concen: 60.186 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 932001
 Ion Ratio Lower Upper
 165 100
 63 42.5 33.8 50.8
 89 65.7 53.1 79.7
 182 3.2 2.0 3.0#

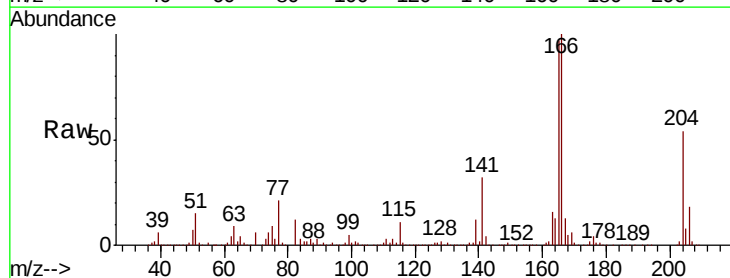


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

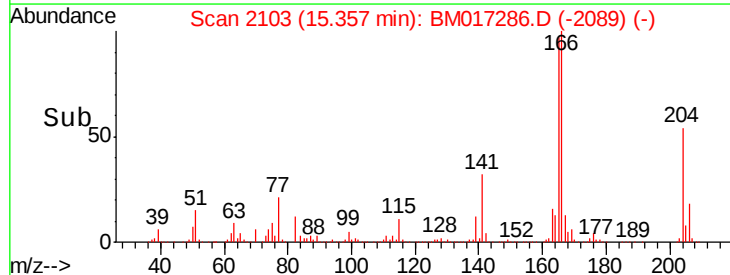
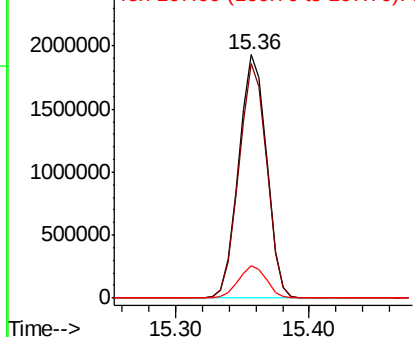


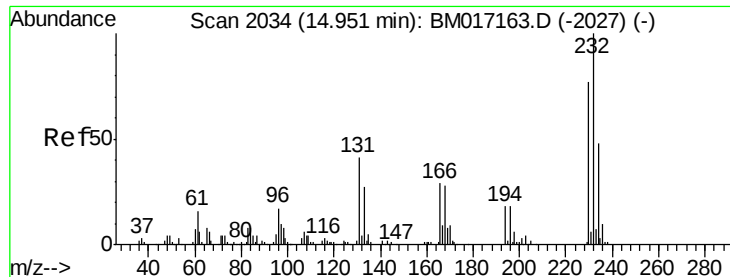
#58
 Fluorene
 Concen: 55.454 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Tgt Ion:166 Resp: 2790494
 Ion Ratio Lower Upper
 166 100
 165 96.6 78.1 117.1
 167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

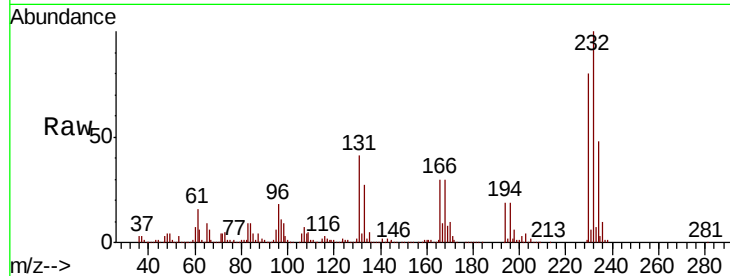




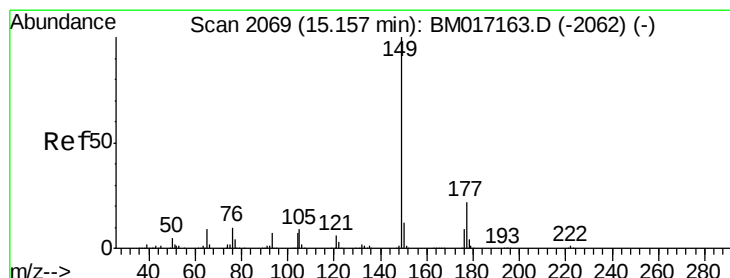
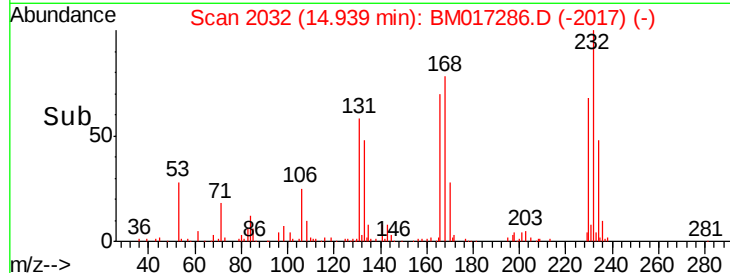
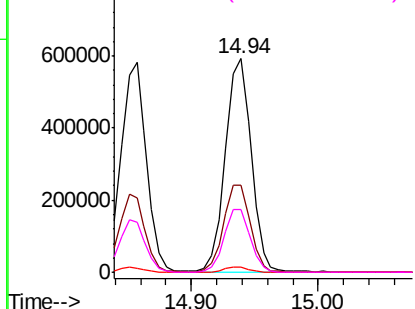
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 61.469 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:232 Resp: 833434
 Ion Ratio Lower Upper
 232 100
 131 42.0 33.1 49.7
 130 2.3 1.7 2.5
 166 30.1 24.4 36.6

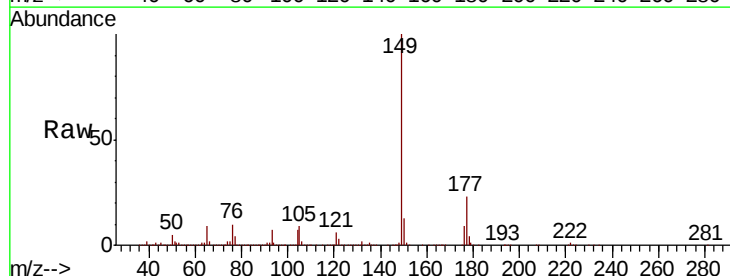


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

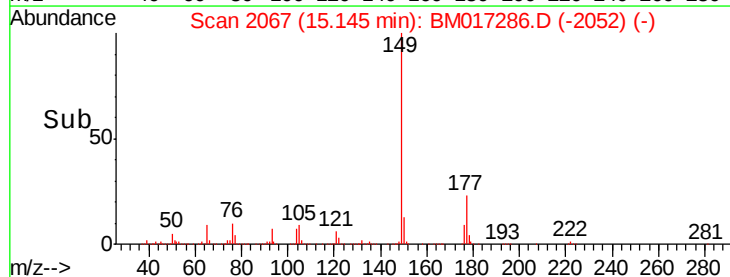
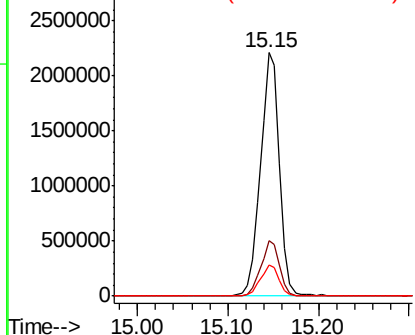


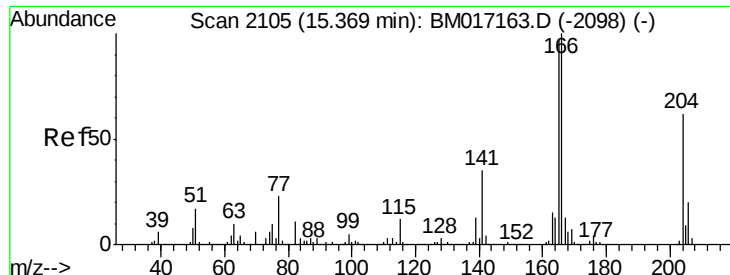
#60
 Diethylphthalate
 Concen: 61.430 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Tgt Ion:149 Resp: 3189075
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.7 26.5
 150 12.7 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

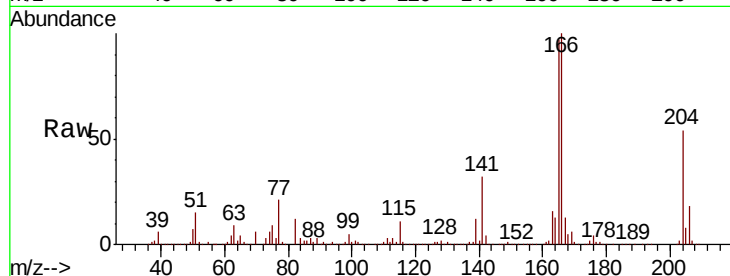




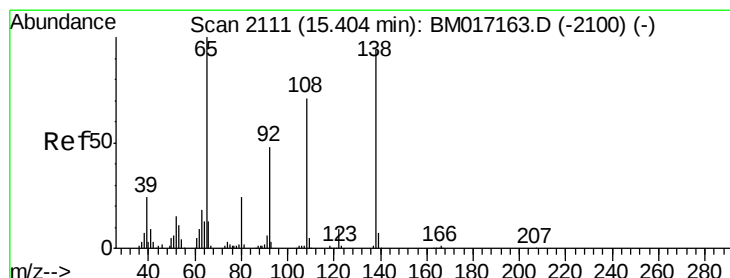
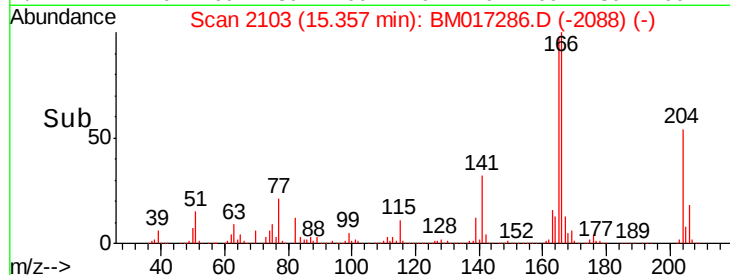
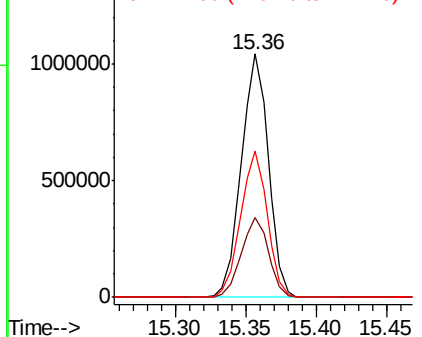
#61
4-Chlorophenyl-phenylether
Concen: 48.856 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1401562
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 59.9 45.4 68.2

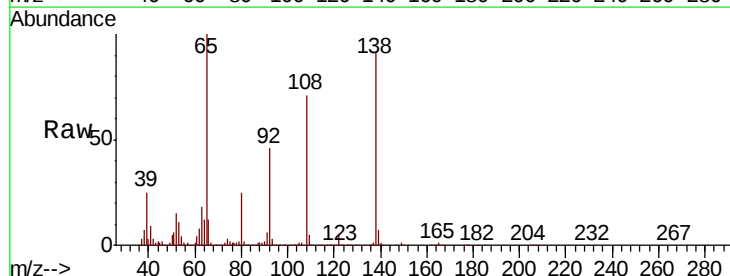


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

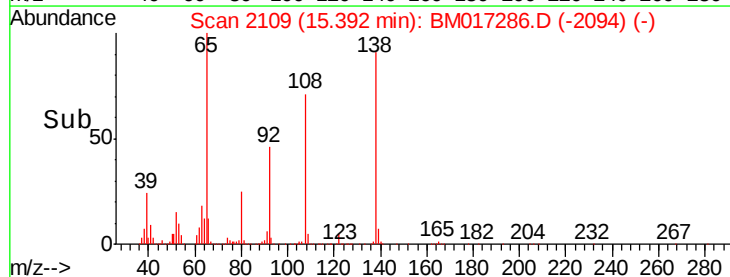
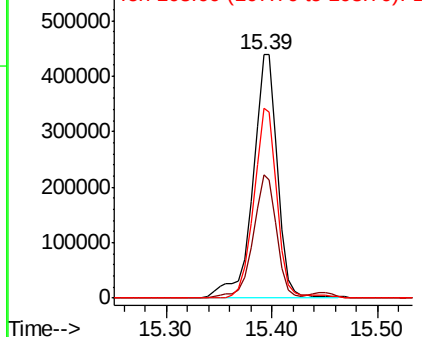


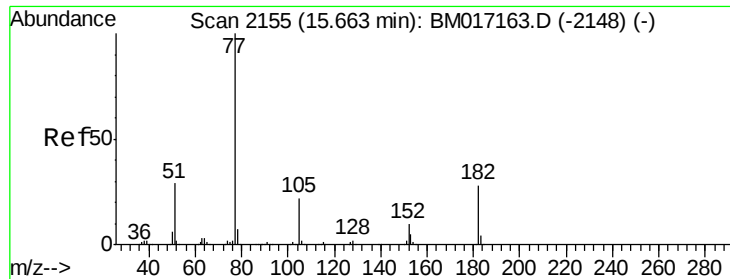
#62
4-Nitroaniline
Concen: 51.189 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:138 Resp: 717729
Ion Ratio Lower Upper
138 100
92 50.9 31.2 71.2
108 77.9 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: 53.085 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2678662

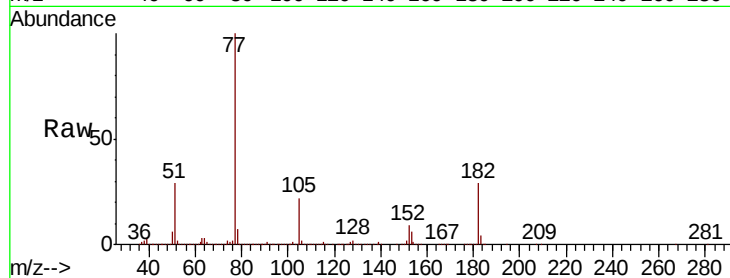
Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.3	48.3
105	22.1	1.5	41.5
51	28.8	8.8	48.8

77 100

182 28.6 8.3 48.3

105 22.1 1.5 41.5

51 28.8 8.8 48.8

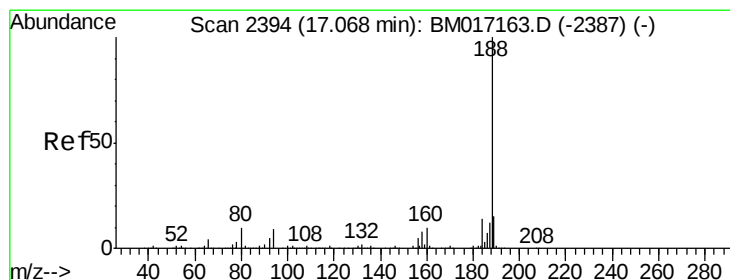
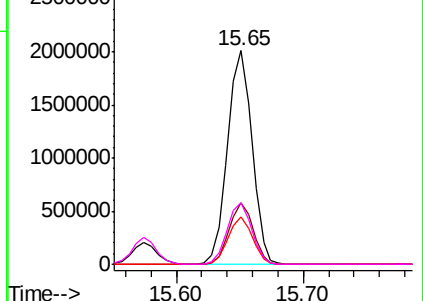
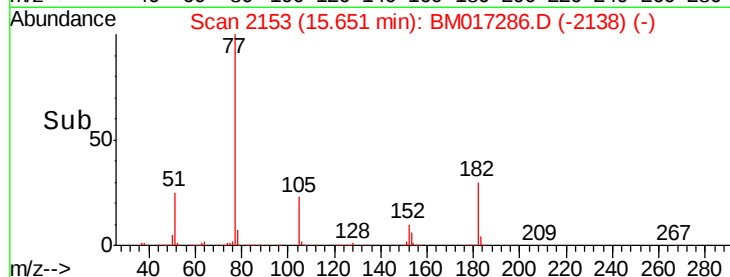


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

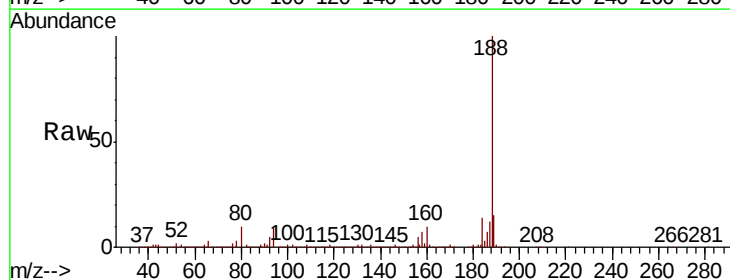
Tgt Ion: 188 Resp: 1618962

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	9.7	7.7	11.5

188 100

94 8.9 7.0 10.4

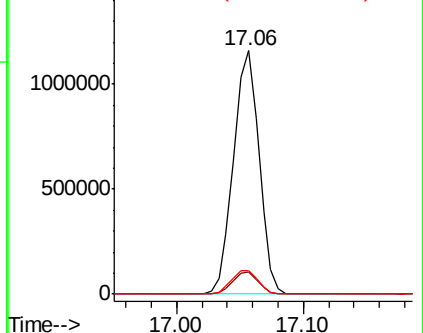
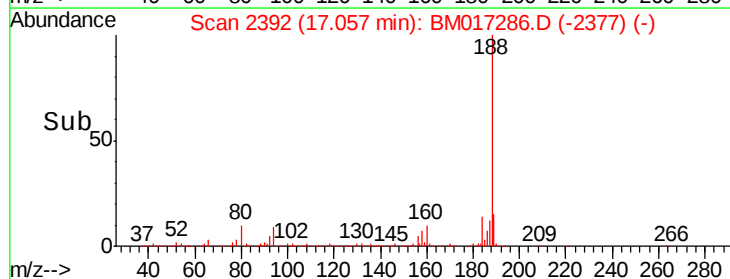
80 9.7 7.7 11.5

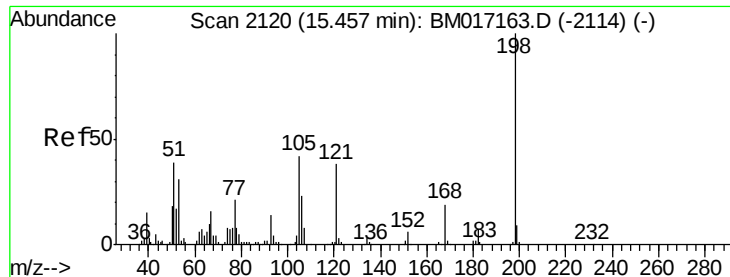


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 54.967 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

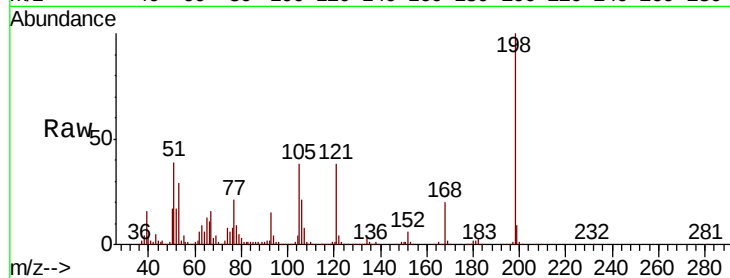
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 583818

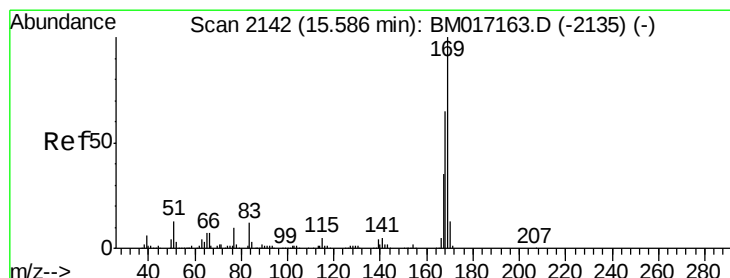
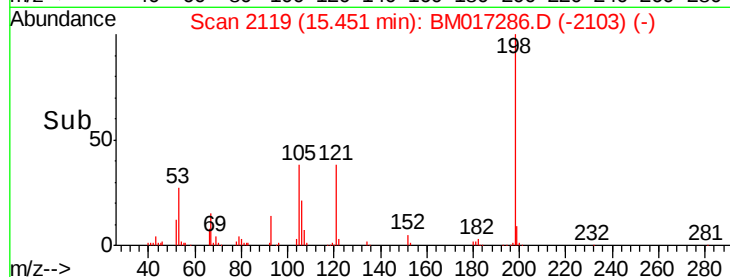
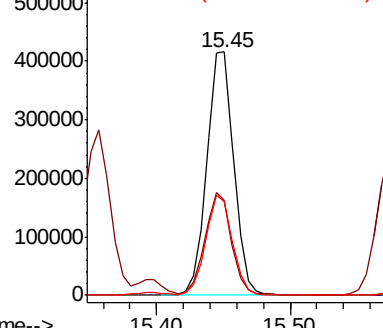
Ion	Ratio	Lower	Upper
198	100		
51	39.1	20.3	60.3
105	38.4	21.9	61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM017286.D (-2114) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.186 ng

RT: 15.57 min Scan# 2140

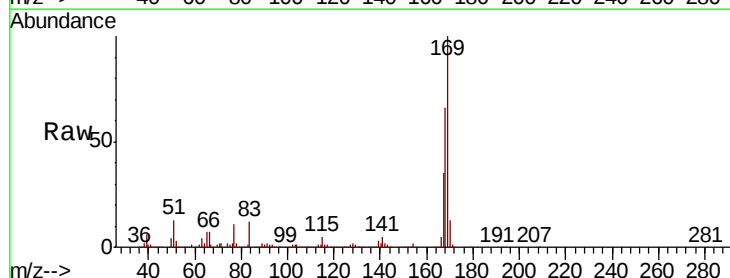
Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Tgt Ion:169 Resp: 2556144

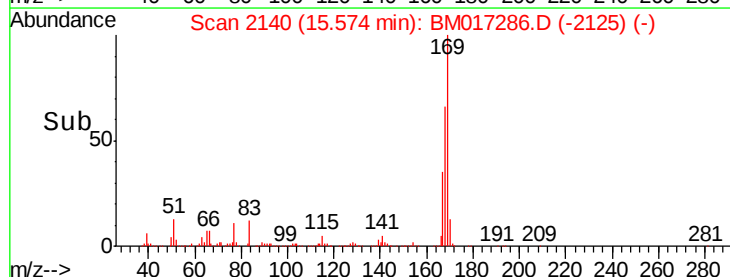
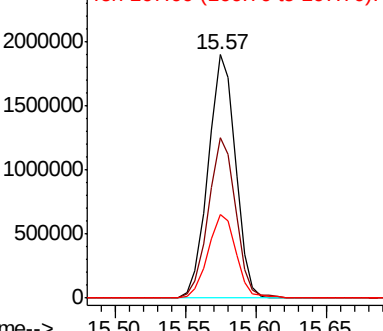
Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.2	78.4
167	34.6	28.4	42.6

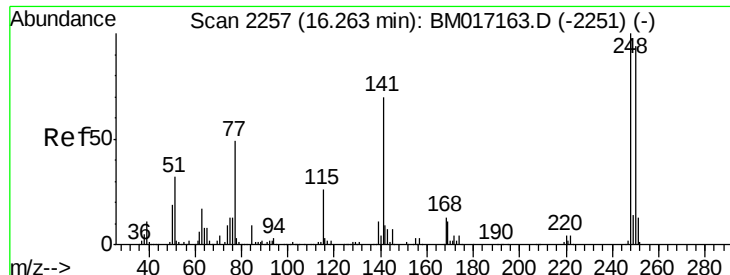


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

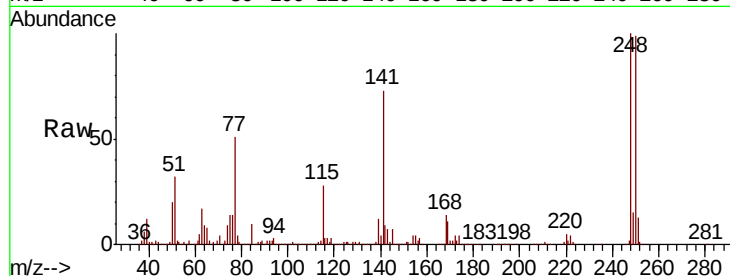




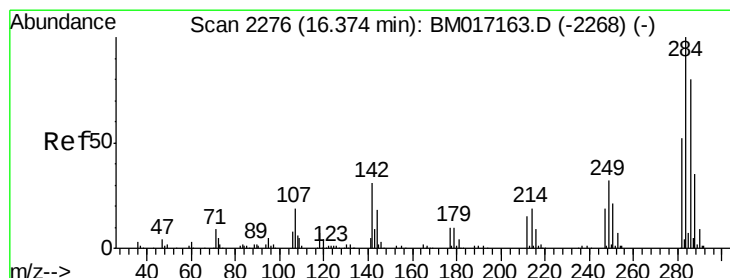
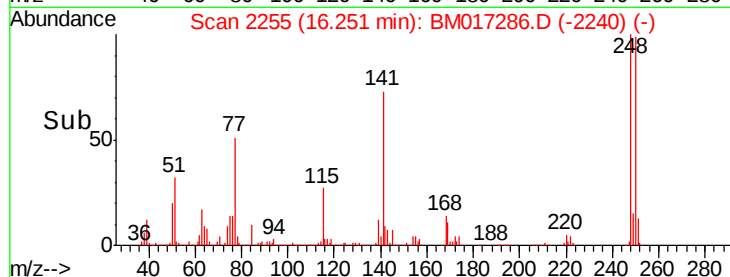
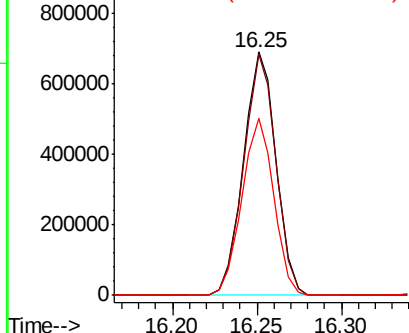
#67
4-Bromophenyl-phenylether
Concen: 52.106 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 926247
Ion Ratio Lower Upper
248 100
250 98.8 75.1 112.7
141 72.9 55.6 83.4

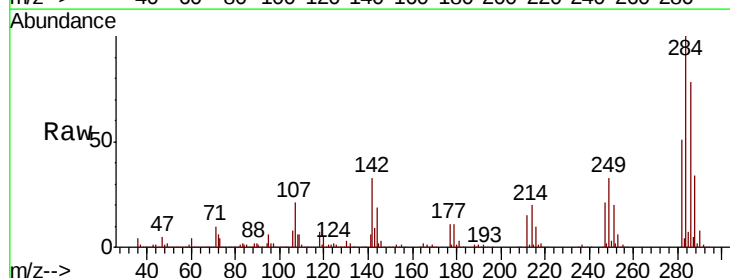


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

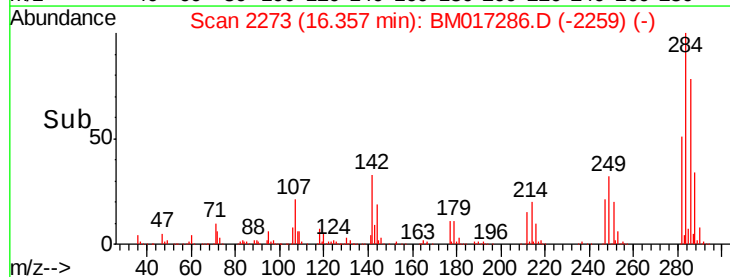
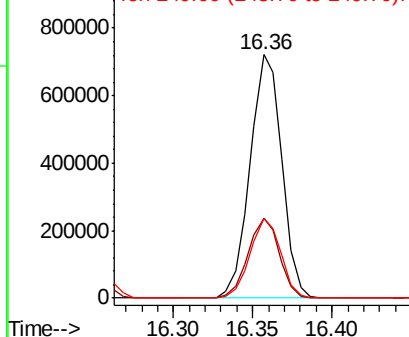


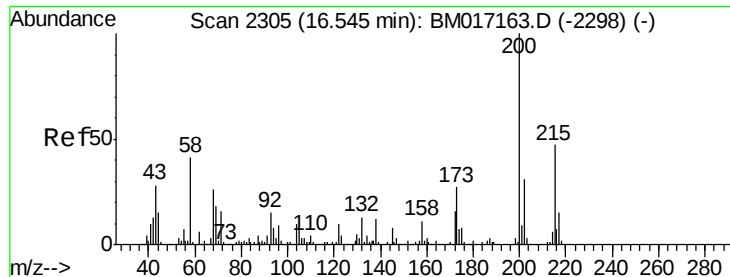
#68
Hexachlorobenzene
Concen: 48.495 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:284 Resp: 1001371
Ion Ratio Lower Upper
284 100
142 32.8 25.0 37.6
249 32.6 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

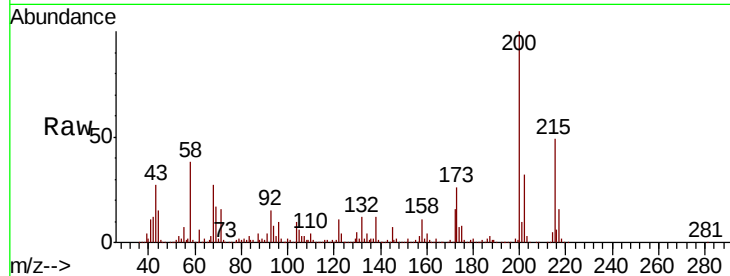




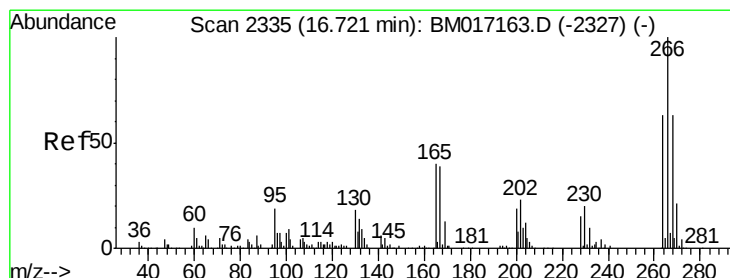
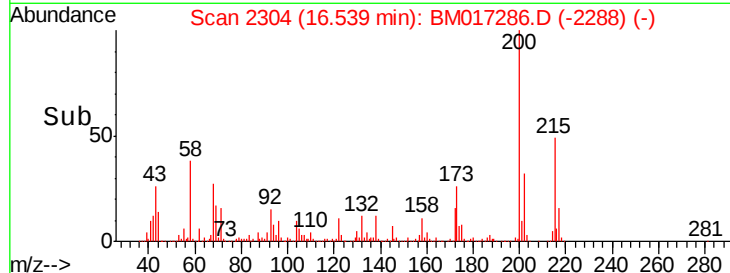
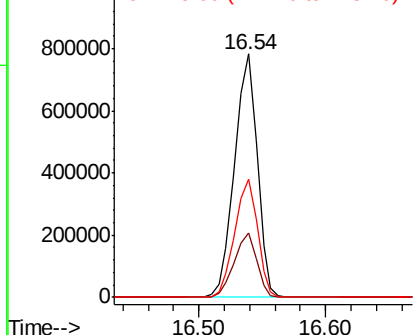
#69
 Atrazine
 Concen: 55.268 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.0	47.0
215	48.6	27.3	67.3

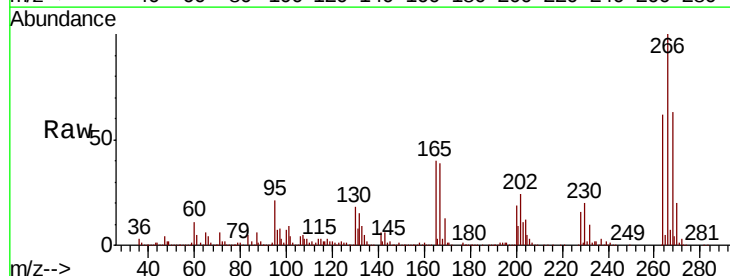


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

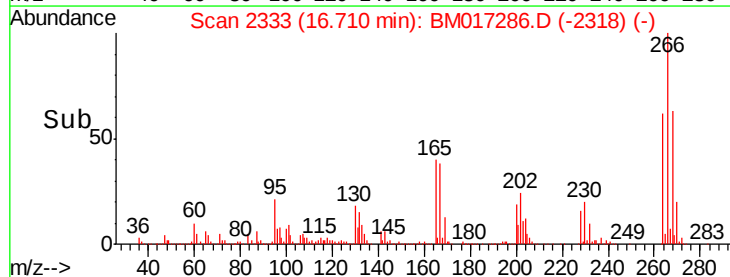
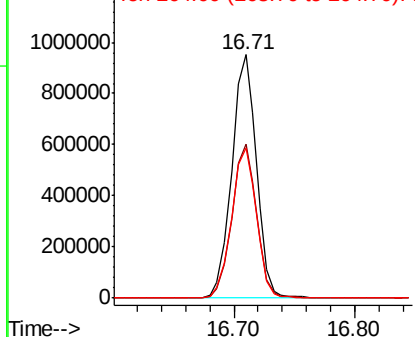


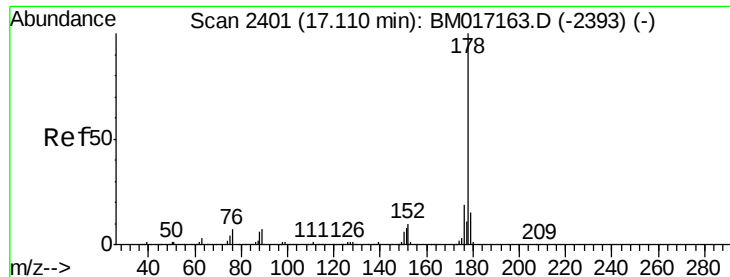
#70
 Pentachlorophenol
 Concen: 95.921 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.7	76.1
264	61.9	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

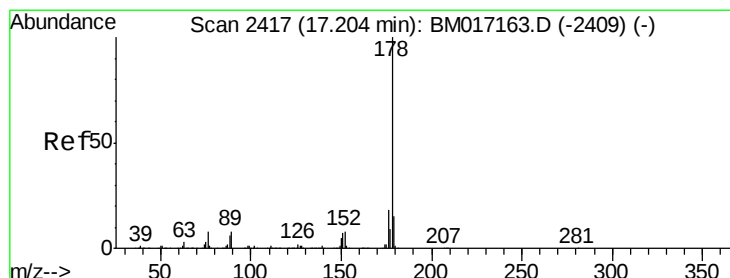
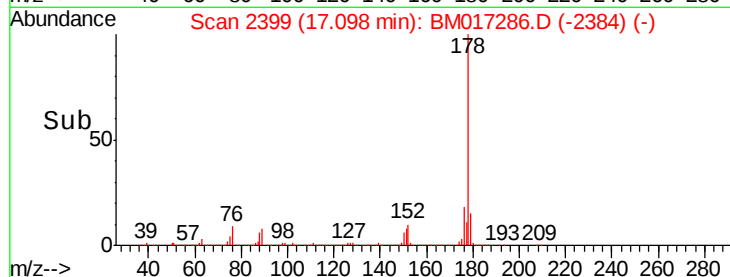
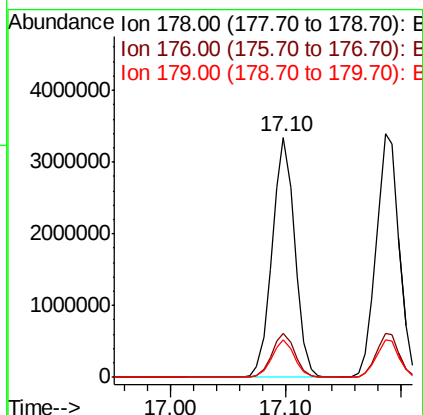
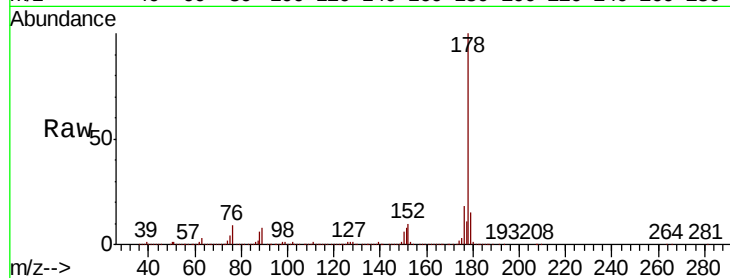




#71
Phenanthrene
Concen: 52.099 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

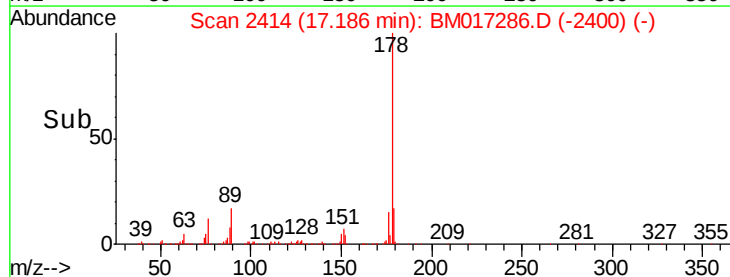
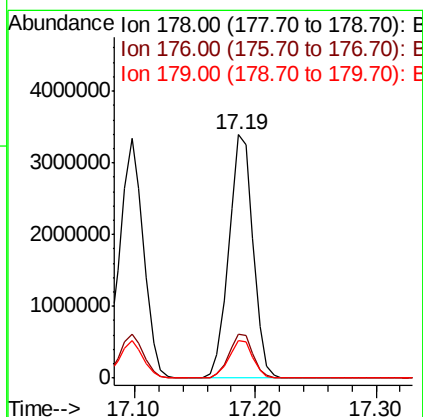
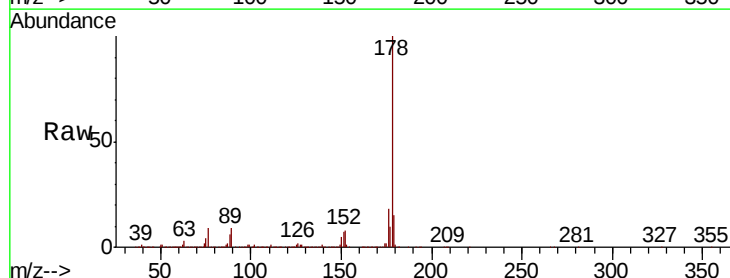
Instrument :
BNA_M
ClientSampleId :

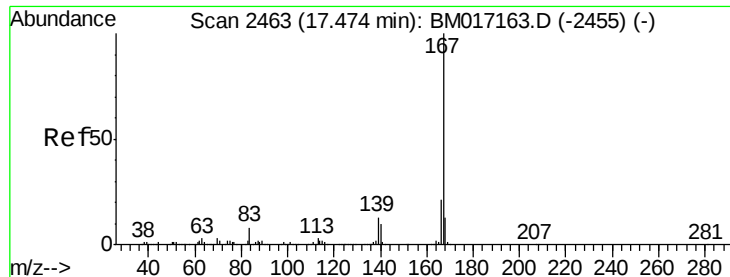
Tot Ion:178 Resp: 4550732
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.4 12.3 18.5



#72
Anthracene
Concen: 56.742 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:178 Resp: 4709430
Ion Ratio Lower Upper
178 100
176 17.8 14.5 21.7
179 15.4 12.2 18.2



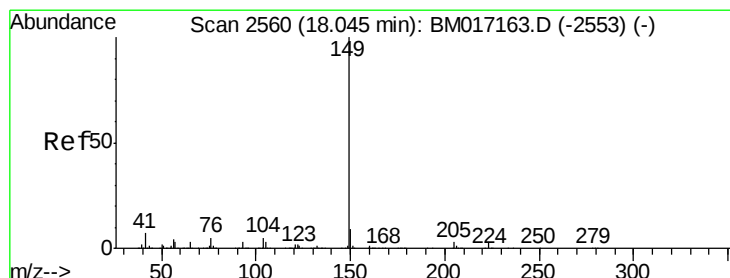
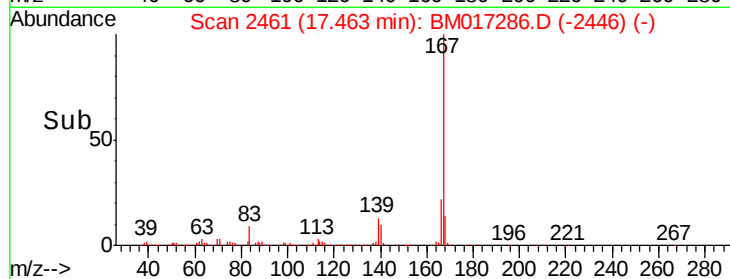
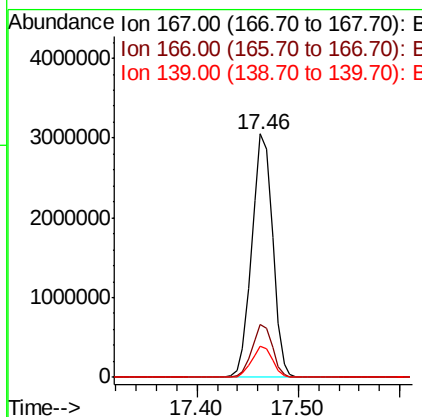
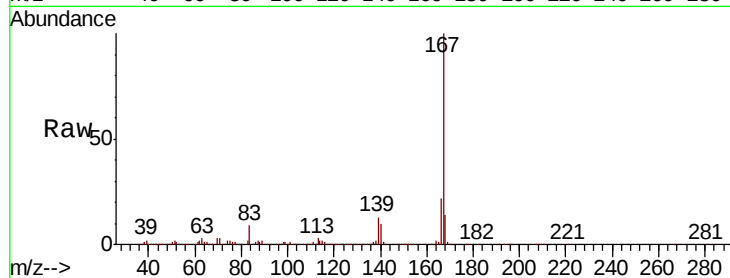


#73
 Carbazole
 Concen: 51.489 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 4365262

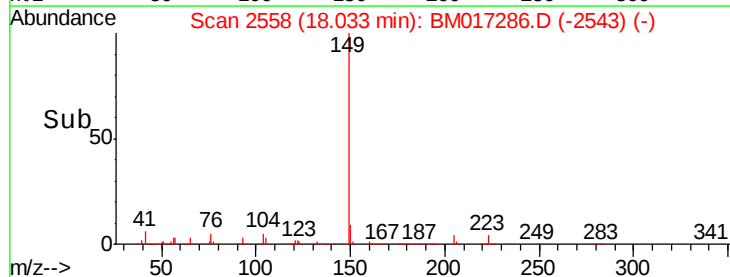
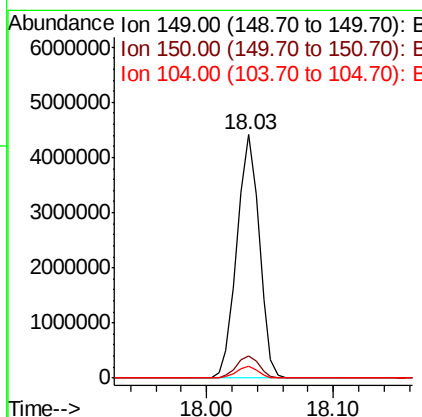
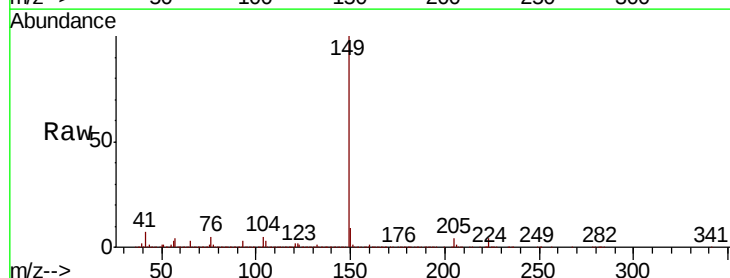
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.7	10.1	15.1

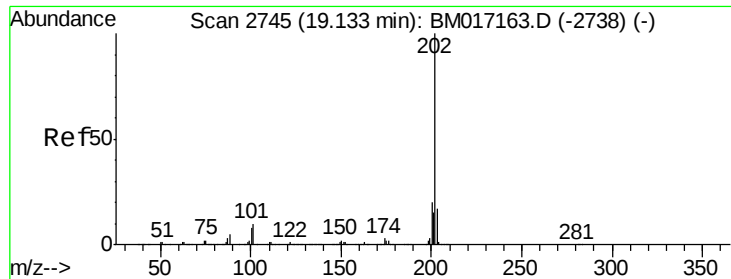


#74
 Di-n-butylphthalate
 Concen: 59.805 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017286.D
 Acq: 23 Oct 2018 15:58

Tgt Ion:149 Resp: 5347779

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





#75

Fluoranthene

Concen: 56.097 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

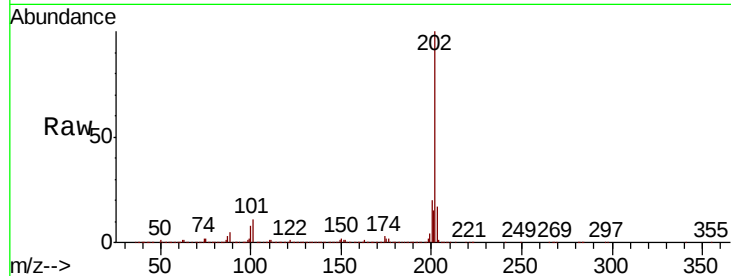
Tot Ion:202 Resp: 5513740

Ion Ratio Lower Upper

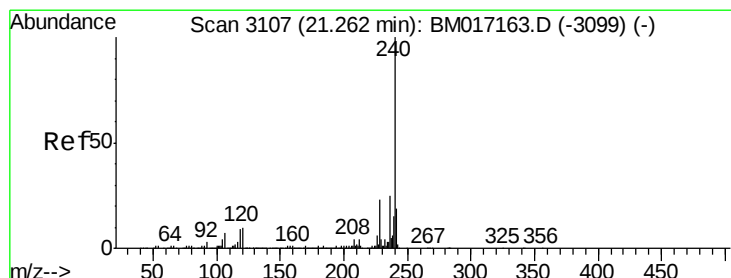
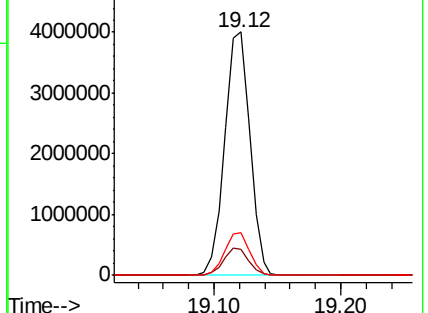
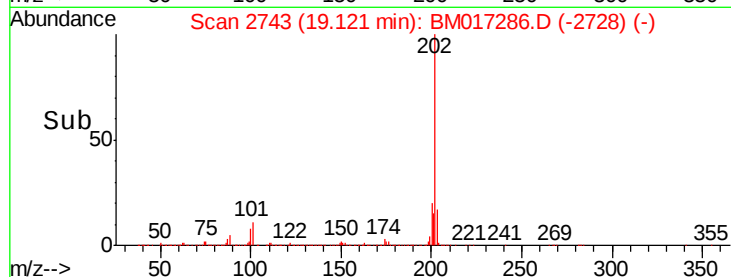
202 100

101 10.6 0.0 30.0

203 17.4 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

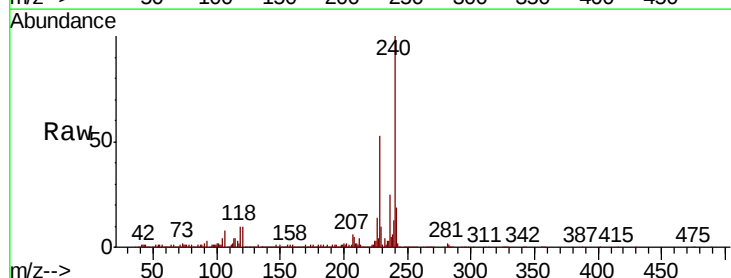
Tgt Ion:240 Resp: 1765269

Ion Ratio Lower Upper

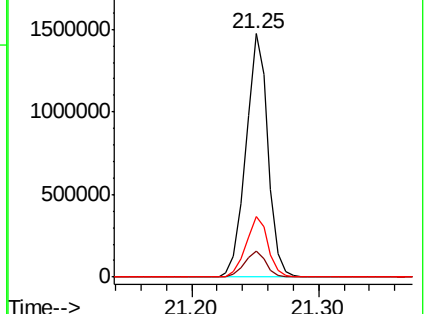
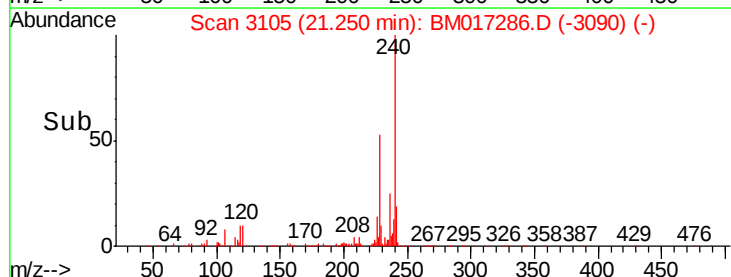
240 100

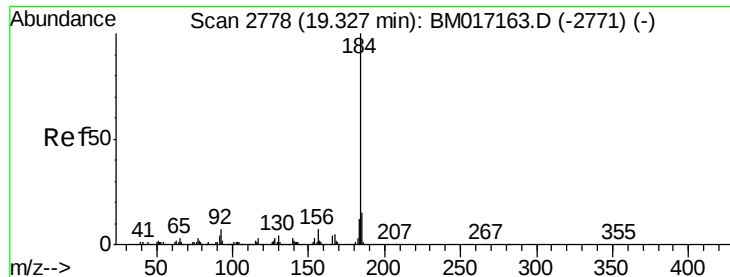
120 10.5 8.1 12.1

236 24.7 19.9 29.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.045 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

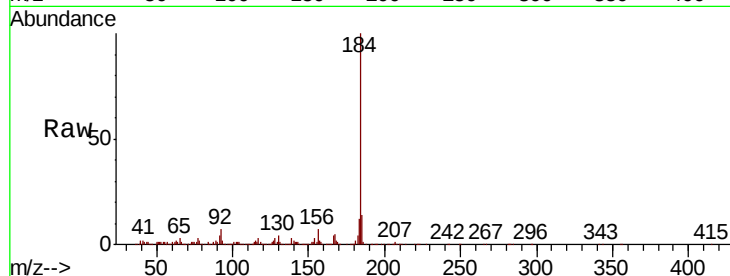
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1792475

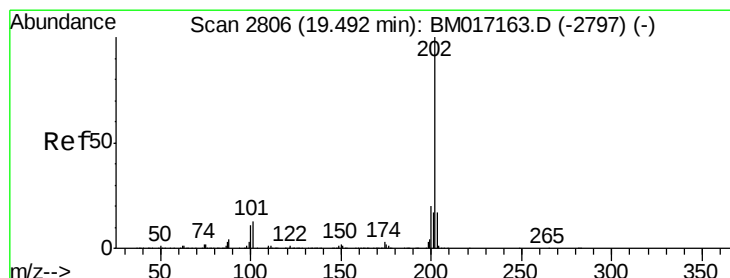
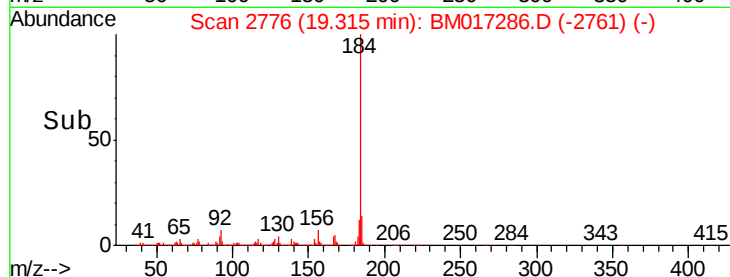
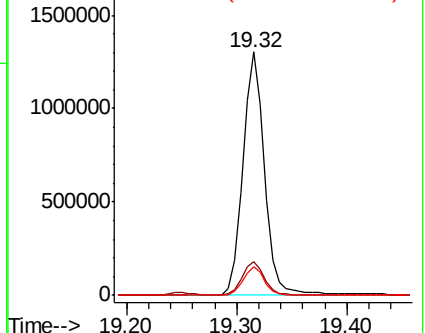
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.8	17.8
183	11.6	9.7	14.5



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: 56.016 ng

RT: 19.49 min Scan# 2805

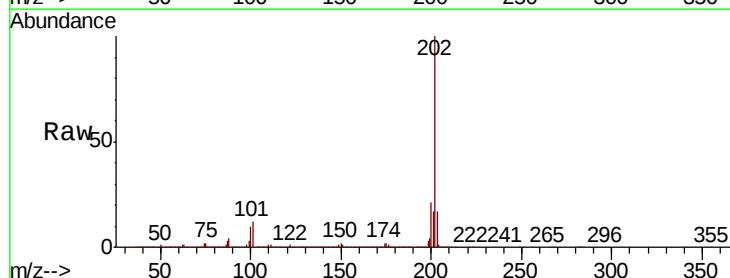
Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Tgt Ion:202 Resp: 5526617

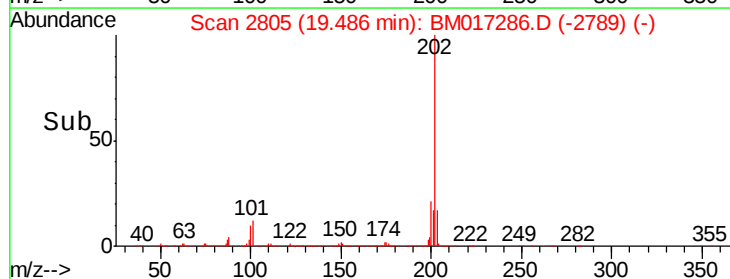
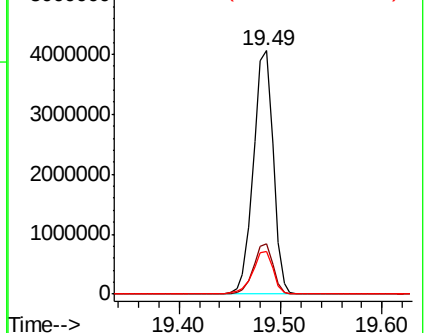
Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.5	13.9	20.9

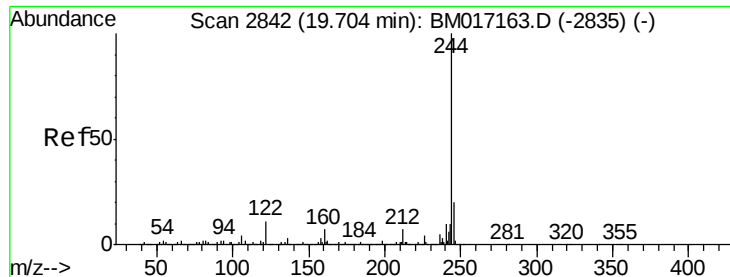


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.839 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

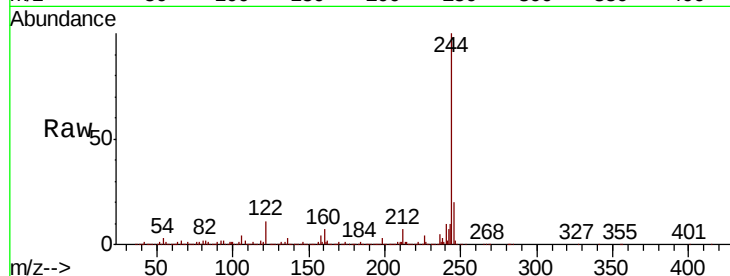
Tot Ion:244 Resp: 7114278

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	11.1	8.4	12.6

244 100

212 7.3 5.5 8.3

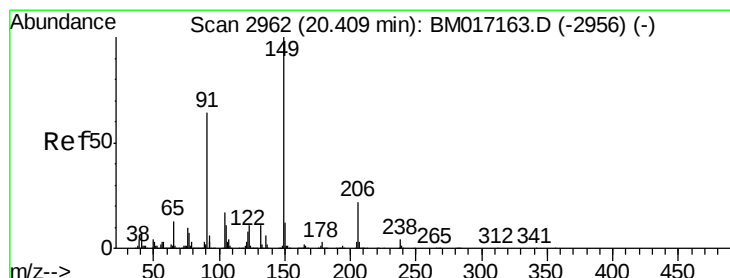
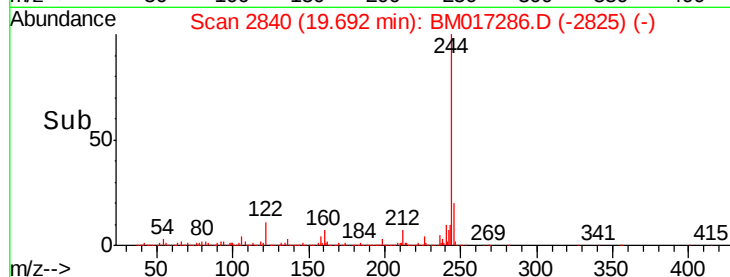
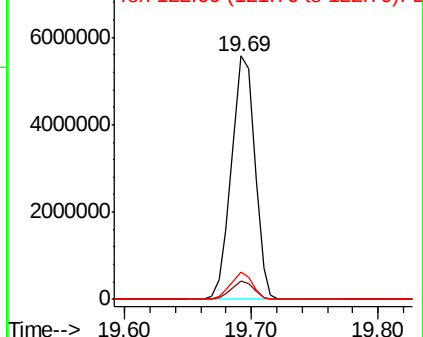
122 11.1 8.4 12.6



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: 65.157 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

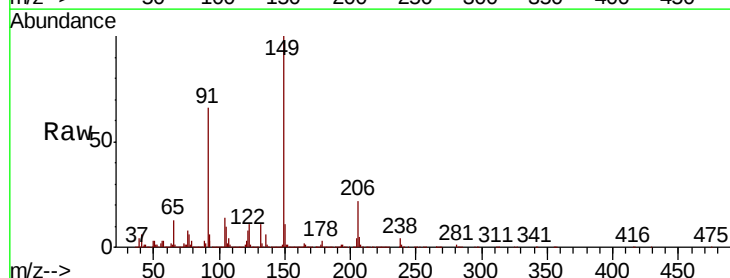
Tgt Ion:149 Resp: 2559464

Ion	Ratio	Lower	Upper
149	100		
91	66.4	51.3	76.9
206	22.3	18.0	27.0

149 100

91 66.4 51.3 76.9

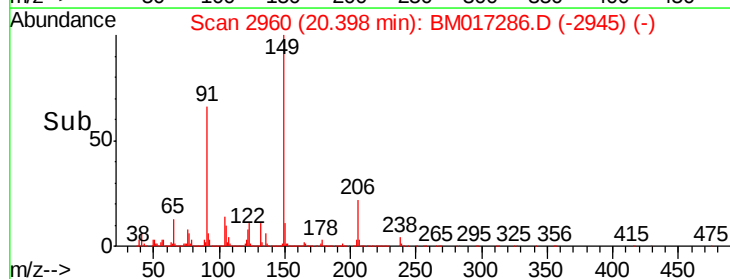
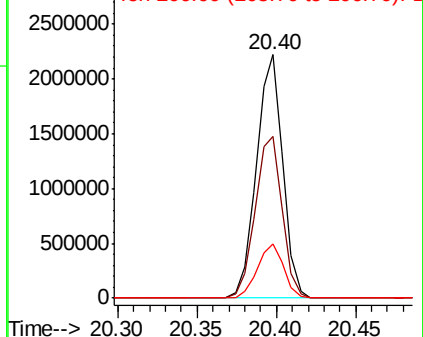
206 22.3 18.0 27.0

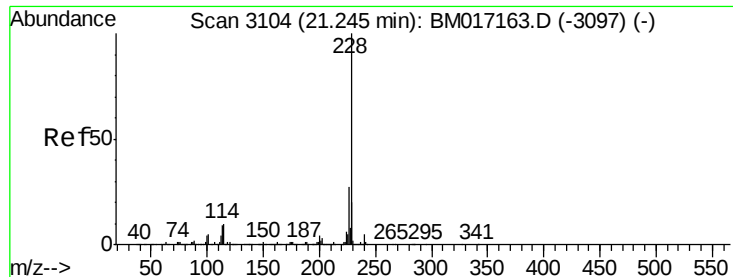


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.586 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampled :

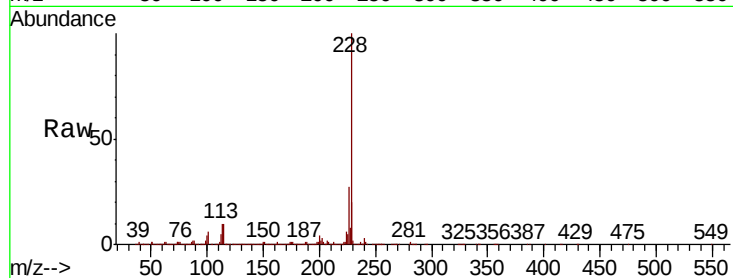
Tot Ion:228 Resp: 5521874

Ion Ratio Lower Upper

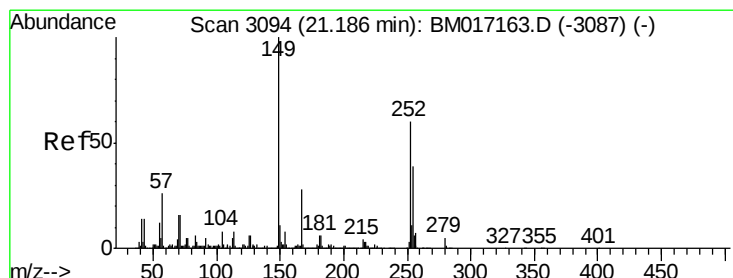
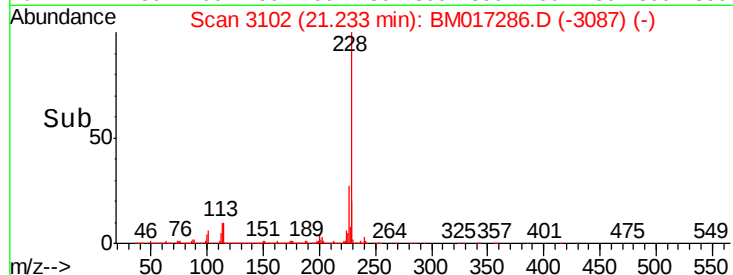
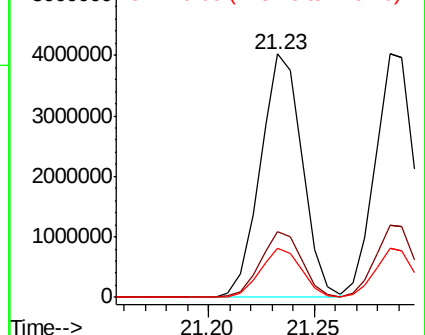
228 100

226 26.8 21.4 32.0

229 19.9 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: 31.745 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

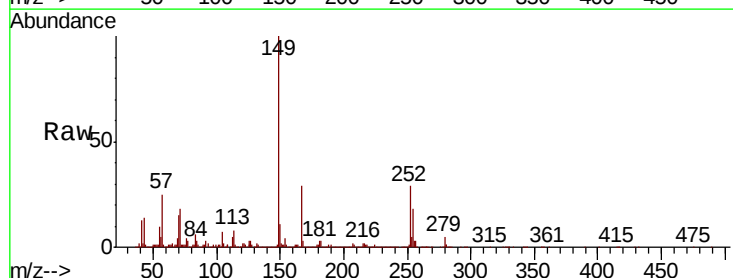
Tgt Ion:252 Resp: 1175324

Ion Ratio Lower Upper

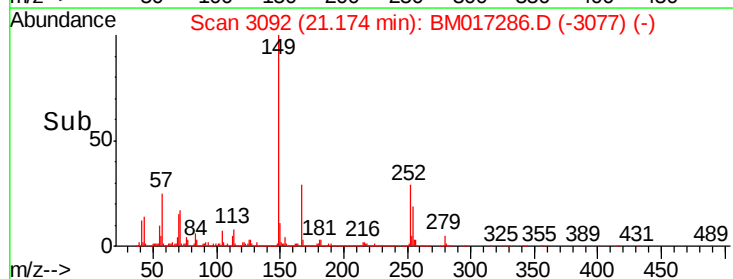
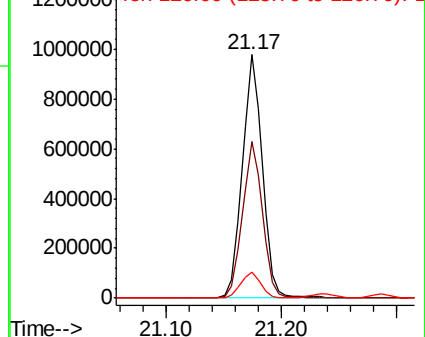
252 100

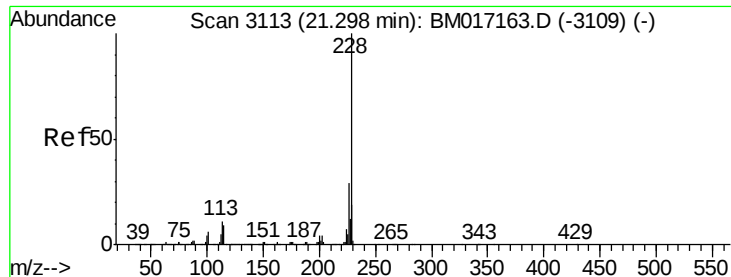
254 64.3 52.1 78.1

126 10.7 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: 52.149 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

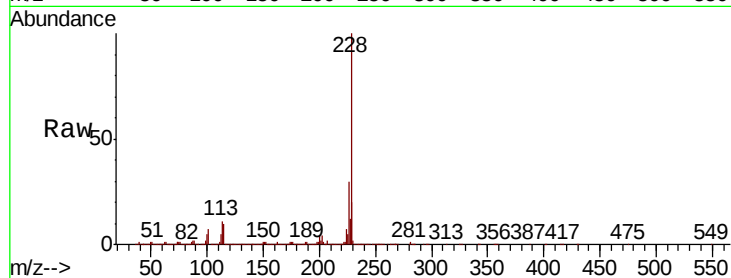
Tot Ion:228 Resp: 5127538

Ion Ratio Lower Upper

228 100

226 29.8 23.3 34.9

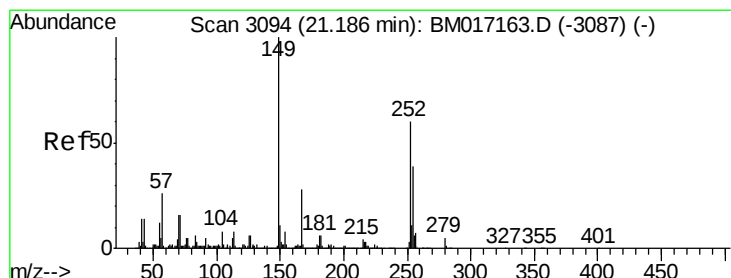
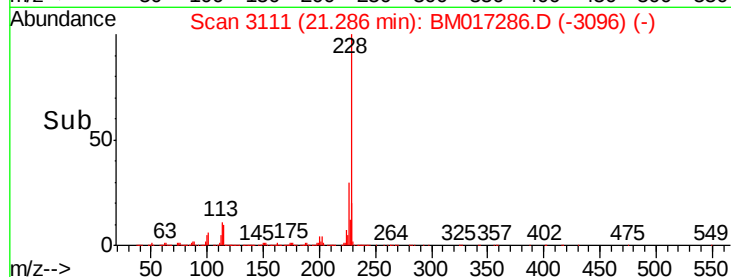
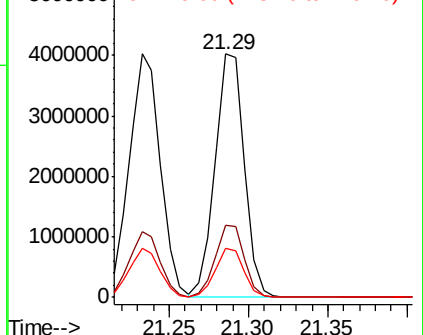
229 20.1 15.6 23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.742 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

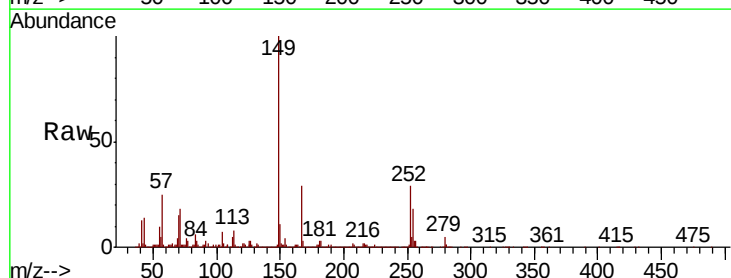
Tgt Ion:149 Resp: 3709302

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

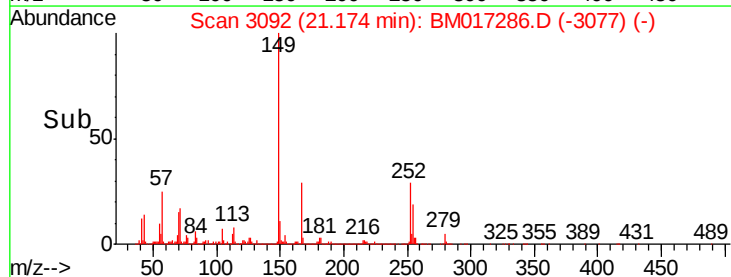
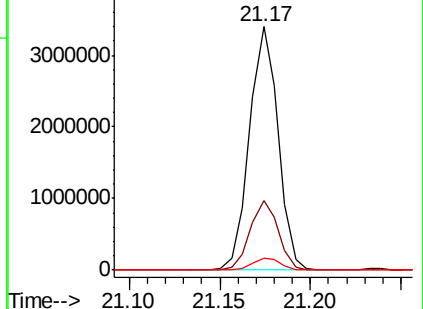
279 4.7 3.6 5.4

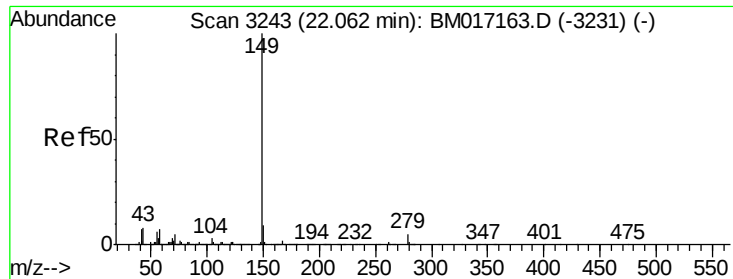


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 62.489 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Instrument :

BNA_M

ClientSampleId :

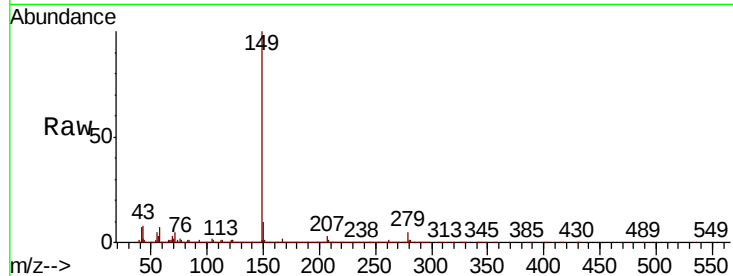
Tot Ion:149 Resp: 6266250

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

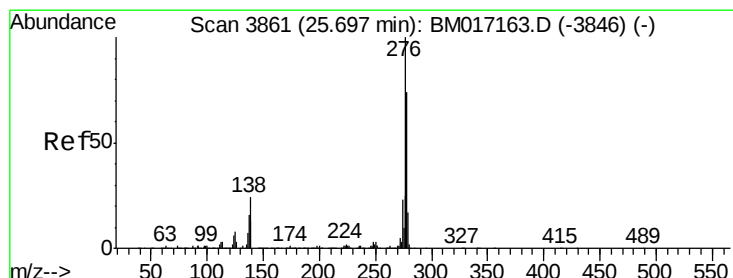
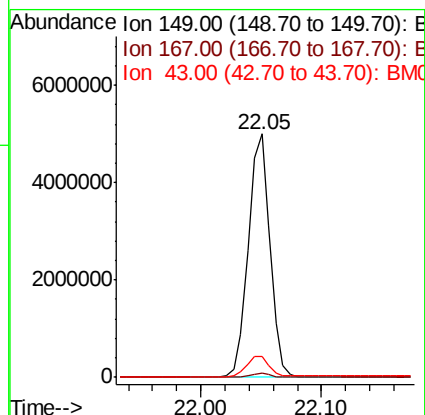
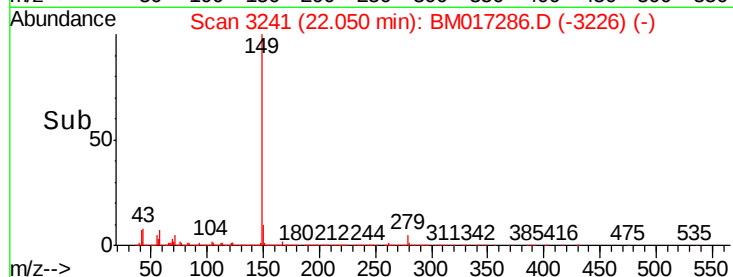
43 8.8 7.2 10.8



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: 43.823 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

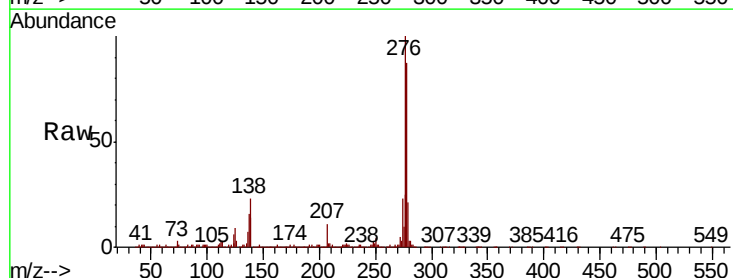
Tgt Ion:276 Resp: 4819500

Ion Ratio Lower Upper

276 100

138 23.4 19.5 29.3

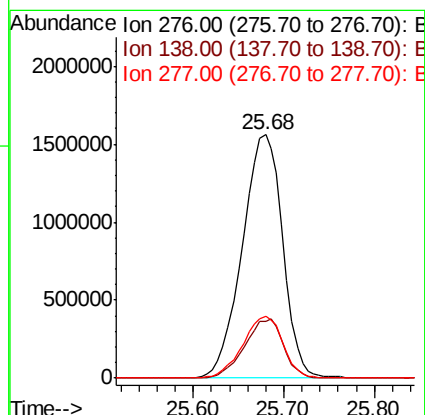
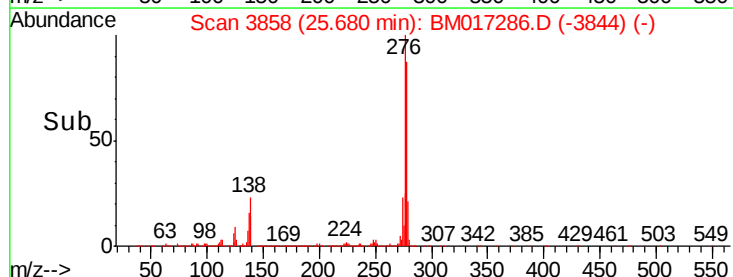
277 25.3 20.1 30.1

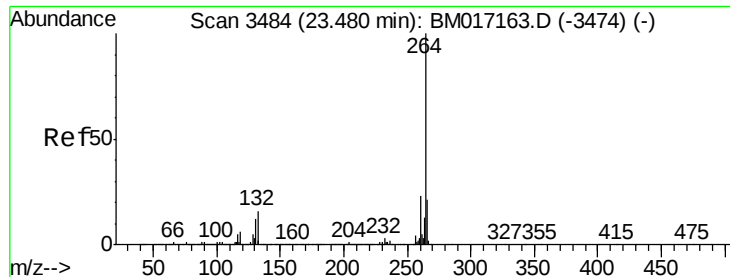


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



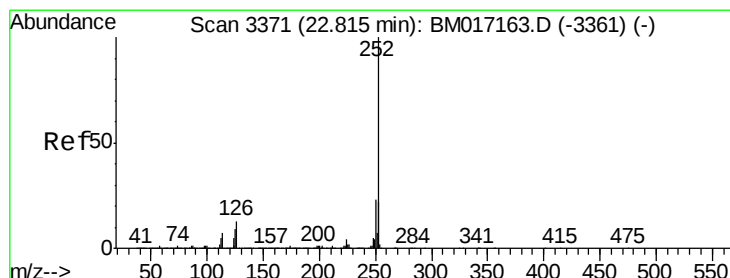
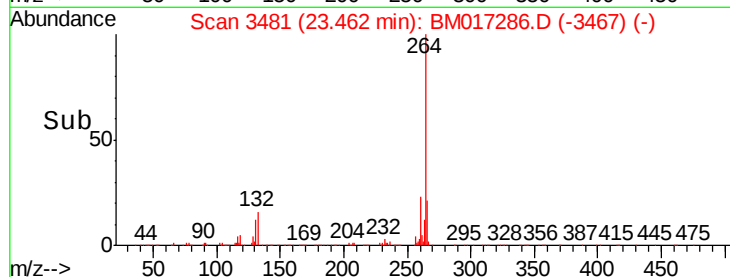
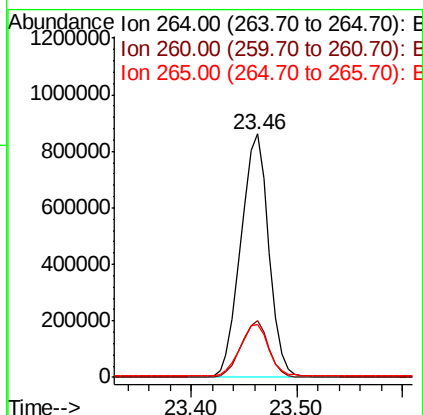
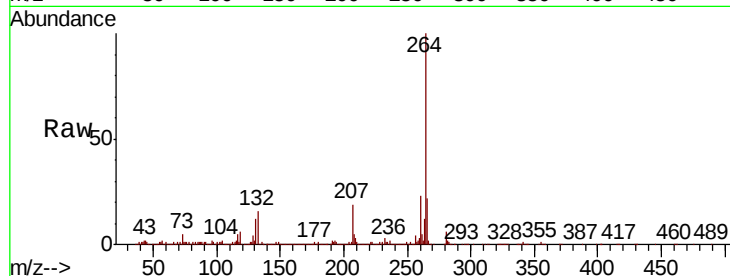


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 1591788

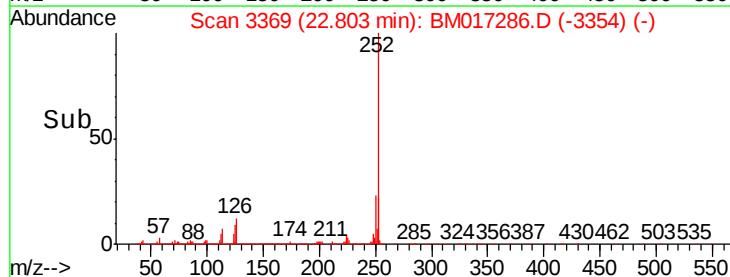
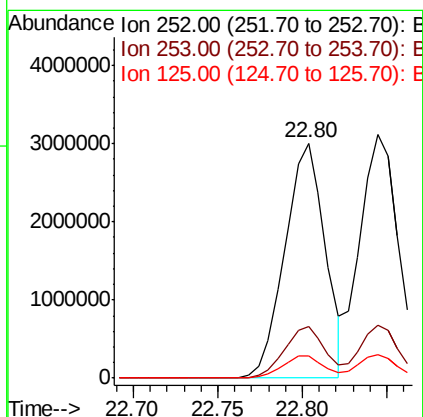
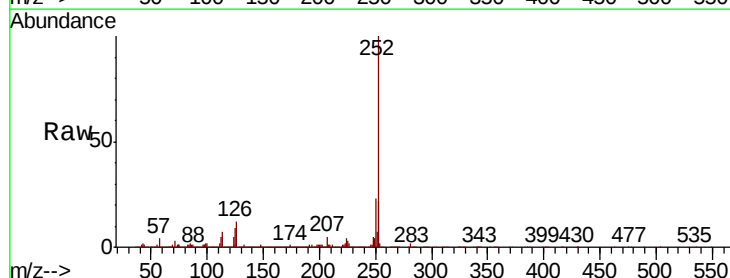
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.7	17.8	26.8

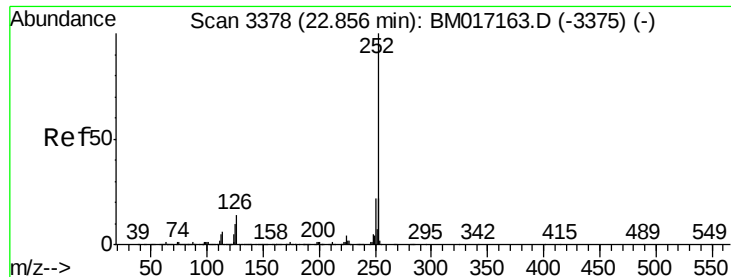


#88
Benzo(b)fluoranthene
Concen: 57.123 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:252 Resp: 4971312

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.5	7.5	11.3

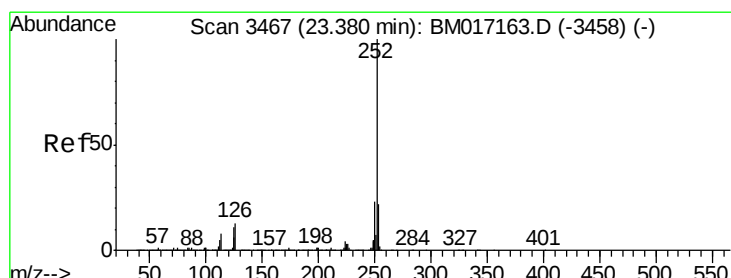
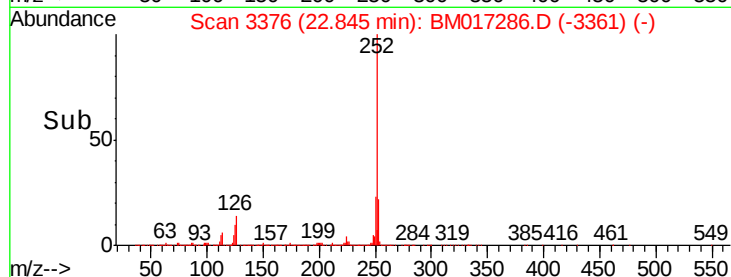
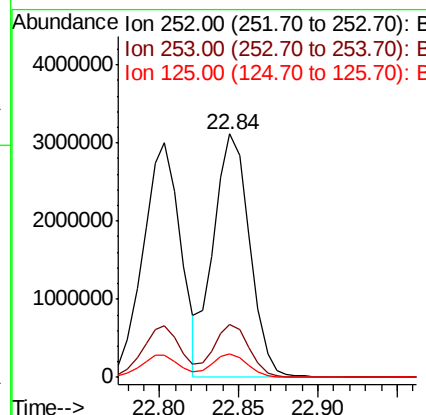
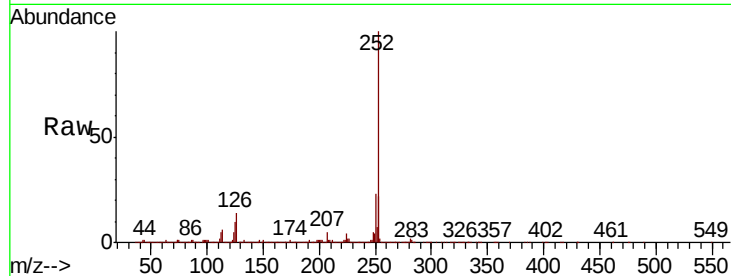




#89
Benzo(k)fluoranthene
Concen: 56.705 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

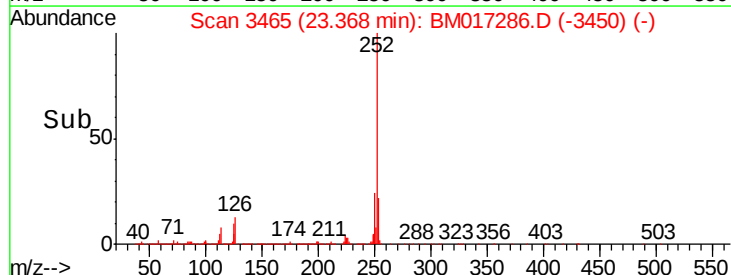
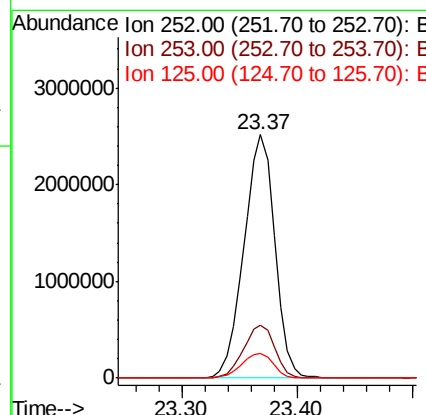
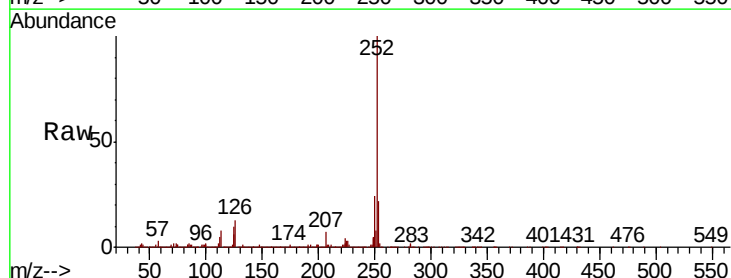
Instrument :
BNA_M
ClientSampleId :

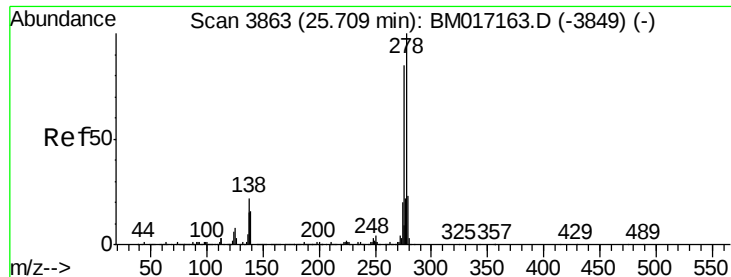
Tot Ion:252 Resp: 4951912
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.7 8.2 12.2



#90
Benzo(a)pyrene
Concen: 56.516 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017286.D
Acq: 23 Oct 2018 15:58

Tgt Ion:252 Resp: 4669997
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.621 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

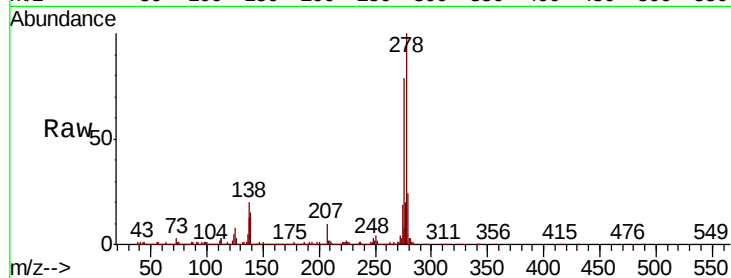
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 4071402

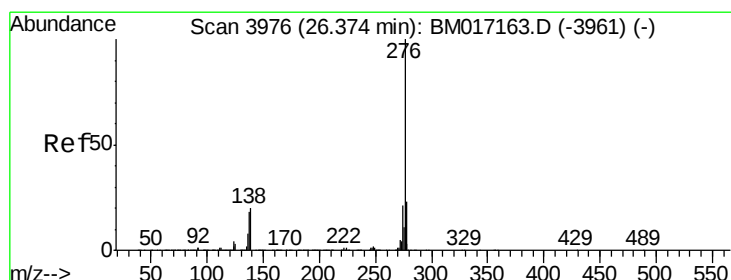
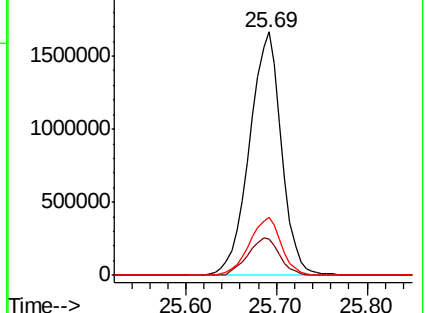
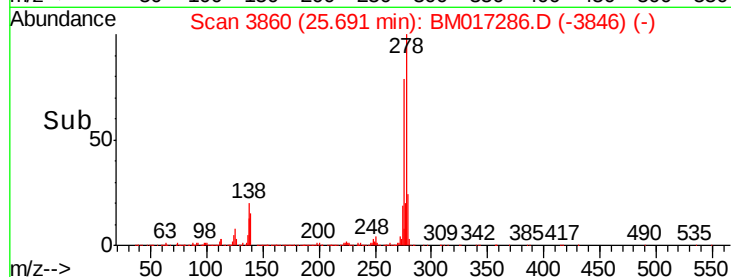
Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	24.0	18.7	28.1



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: 49.163 ng

RT: 26.35 min Scan# 3972

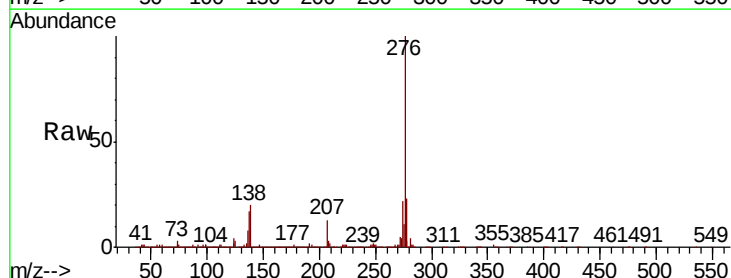
Delta R.T. -0.02 min

Lab File: BM017286.D

Acq: 23 Oct 2018 15:58

Tgt Ion:276 Resp: 3997959

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	19.7	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

