

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017231.D
 Acq On : 19 Oct 2018 15:50
 Operator : MJ/SJ
 Sample : PB1135600BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:50:58 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	7.67	152	299437	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1305384	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	748510	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1543305	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1259598	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1020203	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2541583	143.56	ng	0.00
7) Phenol-d6	6.86	99	3326196	137.95	ng	0.00
23) Nitrobenzene-d5	8.82	82	1839276	82.41	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1305294	128.95	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4591049	81.61	ng	0.00
79) Terphenyl-d14	19.70	244	4182587	74.85	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	271874	30.073	ng	# 86
3) Pyridine	3.65	79	778693	37.435	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	371177	44.449	ng	# 67
6) Aniline	7.01	93	1161577	38.515	ng	97
8) 2-Chlorophenol	7.24	128	921277	44.981	ng	97
9) Benzaldehyde	6.82	77	409656	26.646	ng	93
10) Phenol	6.88	94	1128122	43.472	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	810685	39.188	ng	98
12) 1,3-Dichlorobenzene	7.56	146	954037	39.958	ng	97
13) 1,4-Dichlorobenzene	7.70	146	972394	39.863	ng	98
14) 1,2-Dichlorobenzene	8.02	146	931273	39.624	ng	98
15) Benzyl Alcohol	7.92	79	805683	45.713	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1113929	38.543	ng	99
17) 2-Methylphenol	8.11	107	762924	45.803	ng	97
18) Hexachloroethane	8.73	117	348423	41.737	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	658058	41.448	ng	99
20) 3+4-Methylphenols	8.44	107	1026517	45.059	ng	97
22) Acetophenone	8.49	105	1342389	40.568	ng	99
24) Nitrobenzene	8.86	77	995254	42.155	ng	94
25) Isophorone	9.39	82	1749590	47.471	ng	98
26) 2-Nitrophenol	9.57	139	477730	43.802	ng	96
27) 2,4-Dimethylphenol	9.63	122	856914	52.581	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1134725	43.742	ng	99
29) 2,4-Dichlorophenol	10.10	162	892379	47.161	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	916195	40.362	ng	99
31) Naphthalene	10.49	128	2764065	43.208	ng	99
32) Benzoic acid	9.79	122	529887	43.577	ng	94
33) 4-Chloroaniline	10.61	127	557043	20.162	ng	96
34) Hexachlorobutadiene	10.77	225	564545	39.252	ng	99
35) Caprolactam	11.41	113	134505	19.505	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	935968	43.882	ng	96
37) 2-Methylnaphthalene	12.11	142	2065795	47.190	ng	98
38) 1-Methylnaphthalene	12.33	142	1968103	46.193	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1096998	41.616	ng	98

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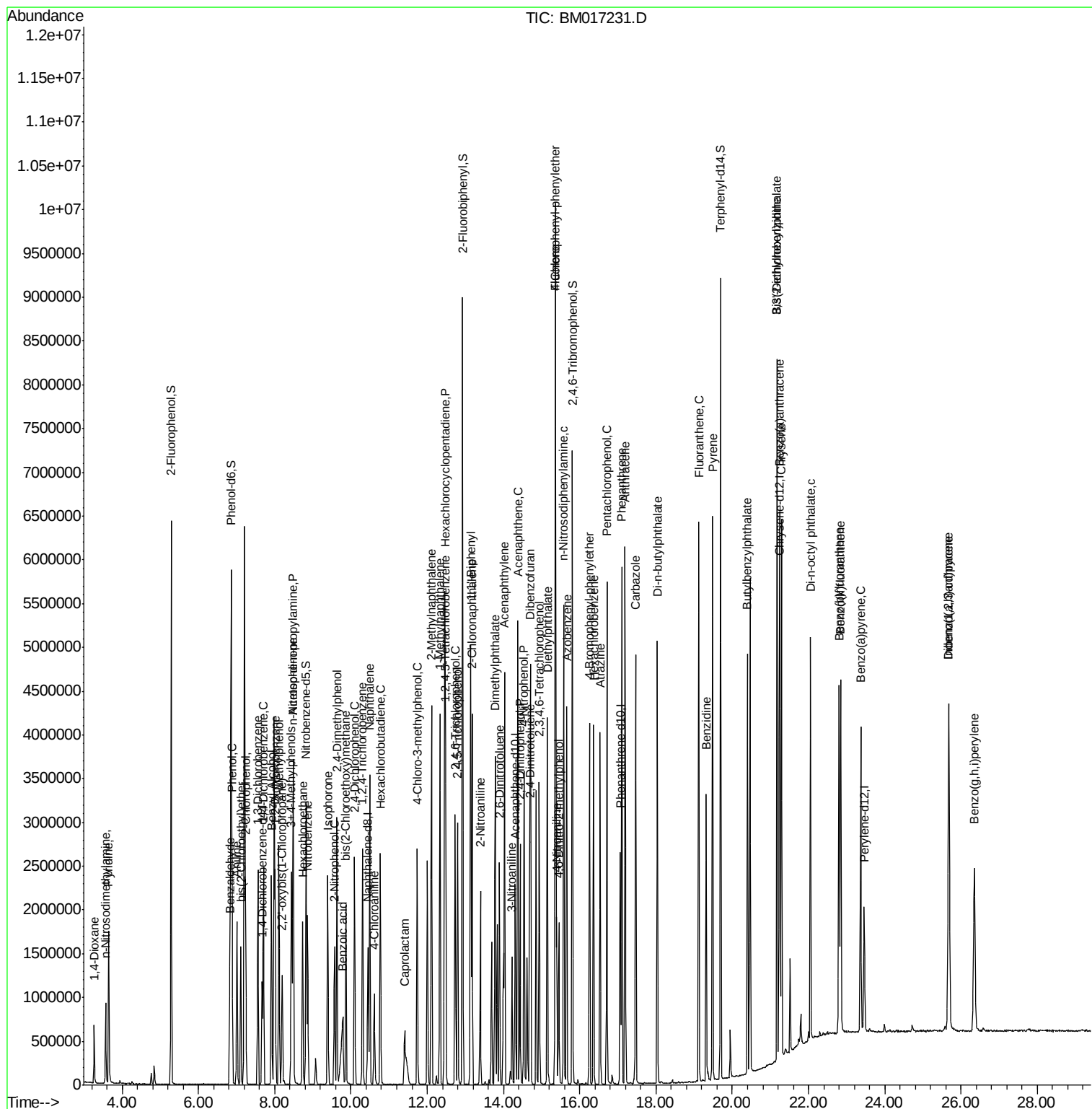
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1594405	125.117	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	718919	46.982	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	761214	46.390	ng	97
46) 1,1'-Biphenyl	13.14	154	2678631	39.767	ng	99
47) 2-Chloronaphthalene	13.17	162	2039168	41.151	ng	98
48) 2-Nitroaniline	13.39	65	573443	41.795	ng	96
49) Acenaphthylene	14.03	152	3263333	45.433	ng	100
50) Dimethylphthalate	13.78	163	2415566	41.829	ng	100
51) 2,6-Dinitrotoluene	13.90	165	534080	42.020	ng	97
52) Acenaphthene	14.37	154	1895639	42.033	ng	98
53) 3-Nitroaniline	14.23	138	350768	25.481	ng	96
54) 2,4-Dinitrophenol	14.43	184	553267	74.797	ng	96
55) Dibenzofuran	14.71	168	3016708	40.224	ng	99
56) 4-Nitrophenol	14.54	139	885329	71.124	ng	93
57) 2,4-Dinitrotoluene	14.69	165	720285	42.164	ng	# 97
58) Fluorene	15.36	166	2406478	43.351	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	663383	44.352	ng	97
60) Diethylphthalate	15.15	149	2388639	41.709	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1249633	39.487	ng	98
62) 4-Nitroaniline	15.40	138	520004	35.251	ng	96
63) Azobenzene	15.66	77	2315934	41.605	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	392179	40.802	ng	98
66) n-Nitrosodiphenylamine	15.58	169	2093755	44.841	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	774133	45.683	ng	94
68) Hexachlorobenzene	16.36	284	827475	42.038	ng	98
69) Atrazine	16.54	200	719492	43.054	ng	99
70) Pentachlorophenol	16.71	266	953447	70.709	ng	99
71) Phenanthrene	17.10	178	3593334	43.155	ng	100
72) Anthracene	17.19	178	3669600	46.381	ng	99
73) Carbazole	17.47	167	3104028	38.407	ng	100
74) Di-n-butylphthalate	18.04	149	3623179	42.505	ng	99
75) Fluoranthene	19.12	202	3764222	40.175	ng	99
77) Benzidine	19.32	184	1739190	54.453	ng	99
78) Pyrene	19.49	202	3746029	53.211	ng	100
80) Butylbenzylphthalate	20.40	149	1339639	49.707	ng	95
81) Benzo(a)anthracene	21.24	228	3169408	44.713	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	708669	26.825	ng	98
83) Chrysene	21.29	228	2974034	42.390	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1812020	44.628	ng	98
85) Di-n-octyl phthalate	22.05	149	2785421	41.029	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	2669789	34.022	ng	99
88) Benzo(b)fluoranthene	22.80	252	2656796	47.631	ng	100
89) Benzo(k)fluoranthene	22.84	252	2659601	47.519	ng	99
90) Benzo(a)pyrene	23.37	252	2468663	46.614	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2268388	43.136	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2212343	42.447	ng	98

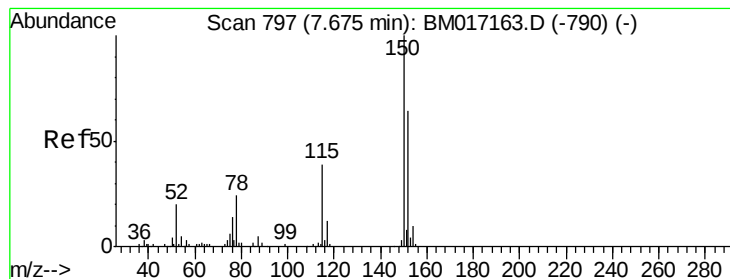
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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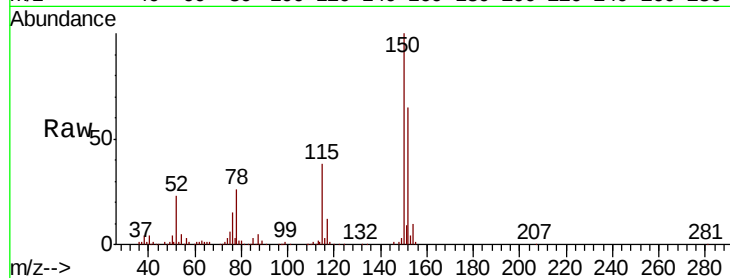


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.3	186.5
115	58.7	48.1	72.1

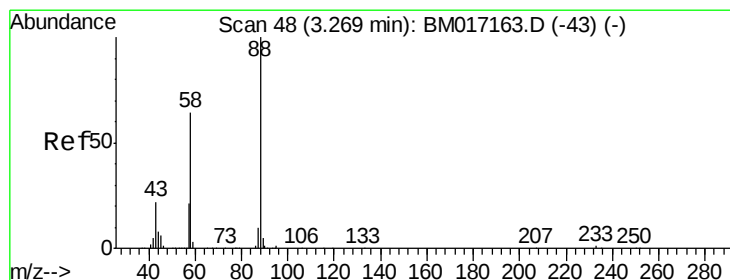
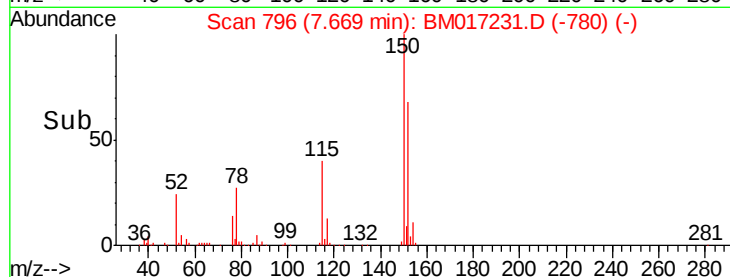
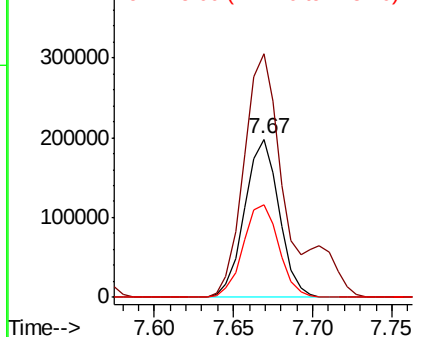


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

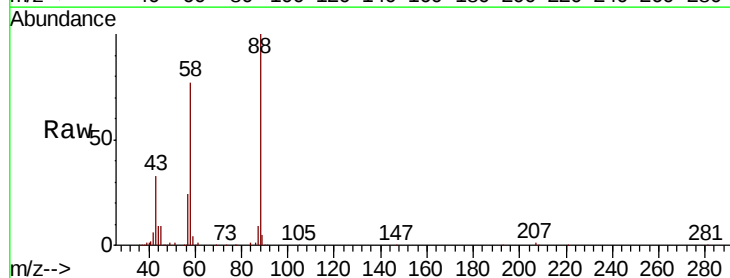
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.073 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	50.2	75.4
43	30.4	19.3	28.9

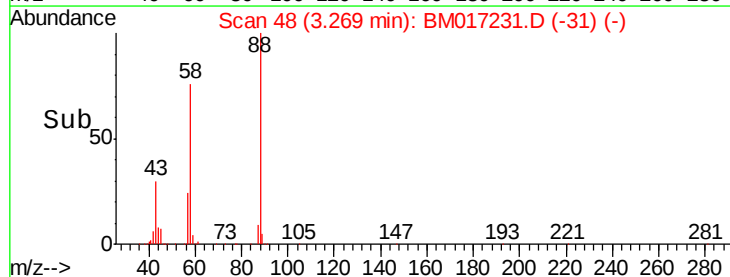
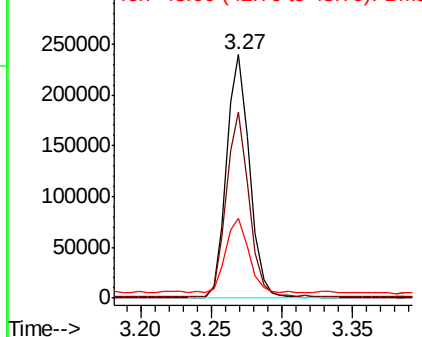


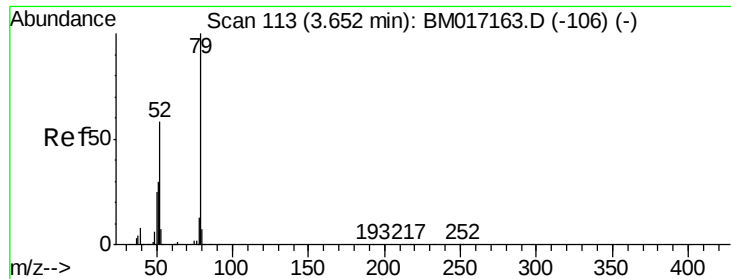
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 37.435 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

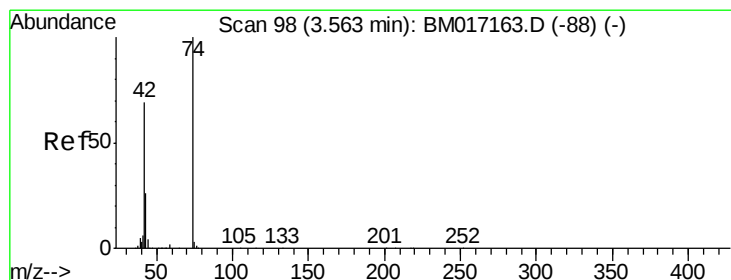
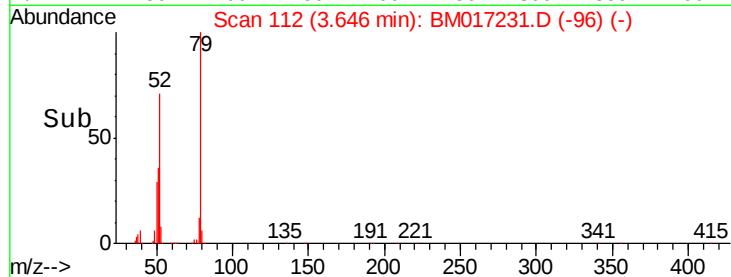
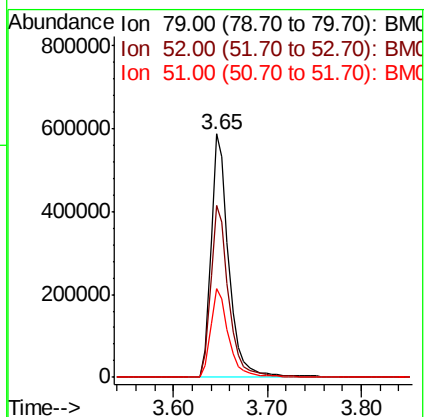
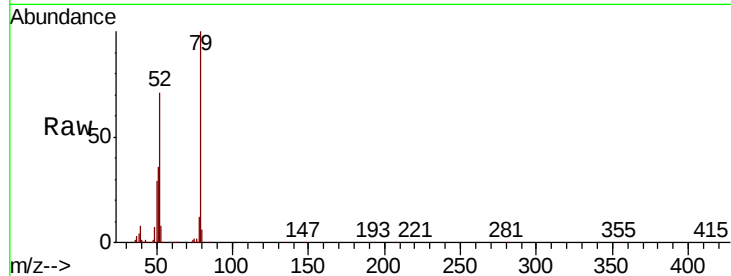
Tot Ion: 79 Resp: 778693

Ion Ratio Lower Upper

79 100

52 70.8 46.5 69.7#

51 36.4 24.6 37.0



#4

n-Nitrosodimethylamine

Concen: 44.449 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

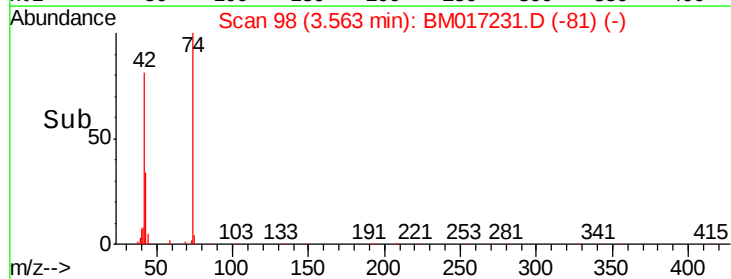
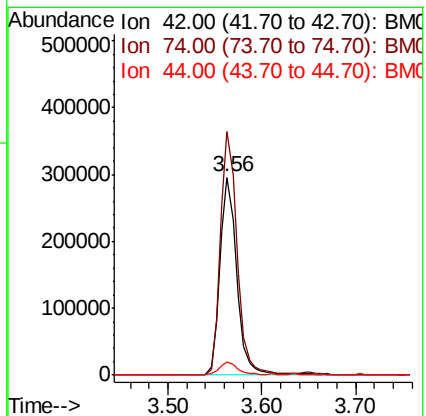
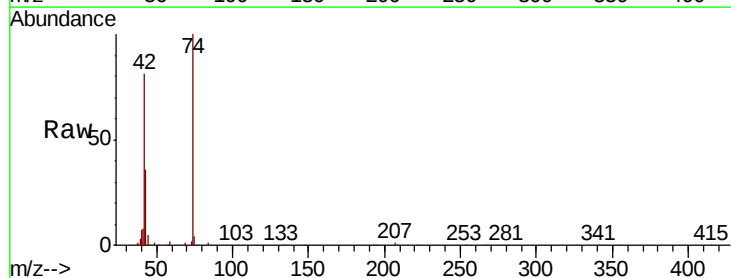
Tgt Ion: 42 Resp: 371177

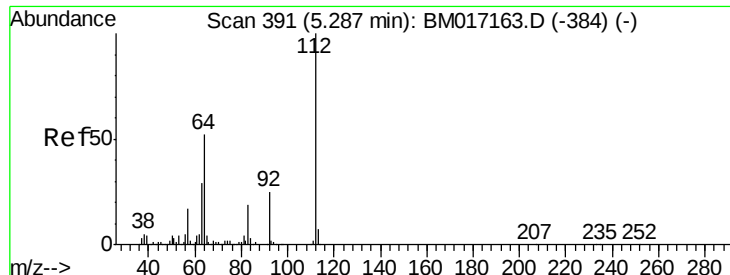
Ion Ratio Lower Upper

42 100

74 123.2 114.4 171.6

44 6.5 48.6 73.0#





#5

2-Fluorophenol

Concen: 143.558 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

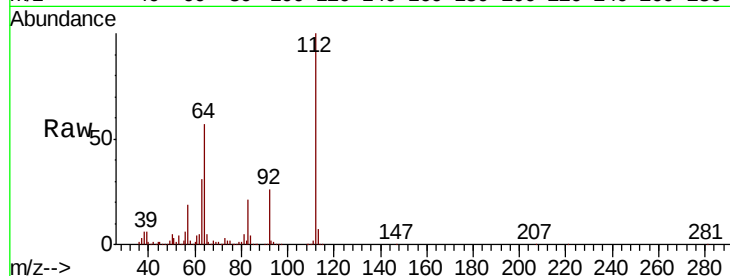
Tot Ion:112 Resp: 2541583

Ion Ratio Lower Upper

112 100

64 57.5 41.7 62.5

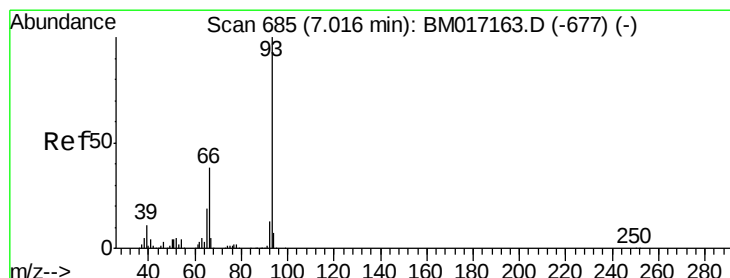
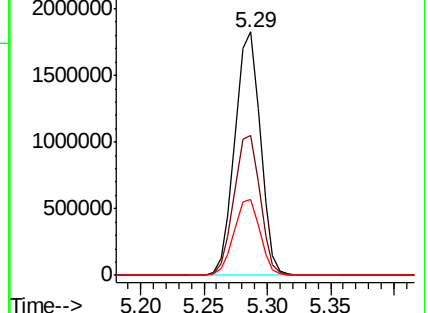
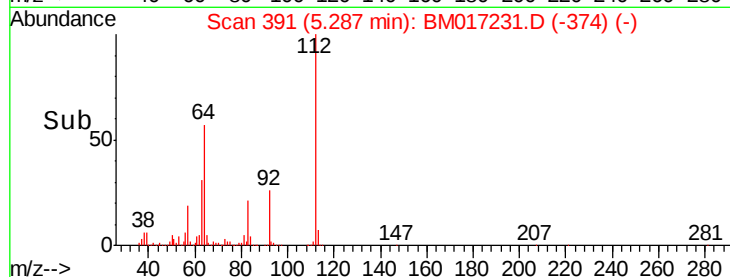
63 31.4 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.515 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

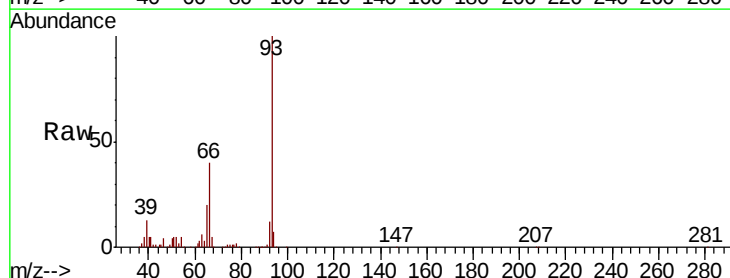
Tgt Ion: 93 Resp: 1161577

Ion Ratio Lower Upper

93 100

66 39.8 30.4 45.6

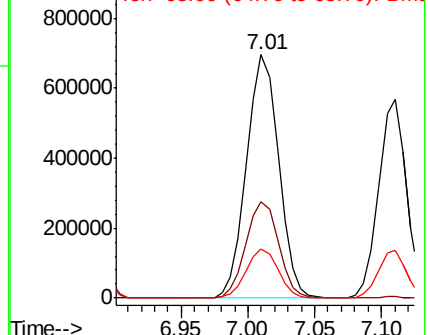
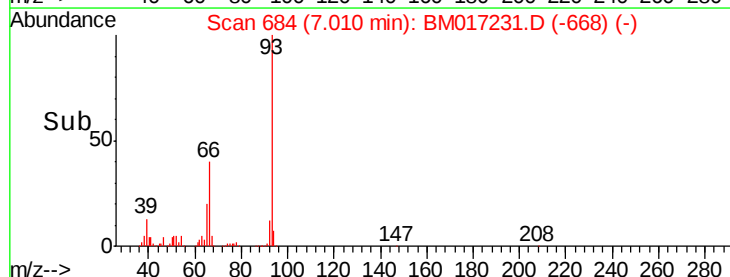
65 20.0 15.3 22.9

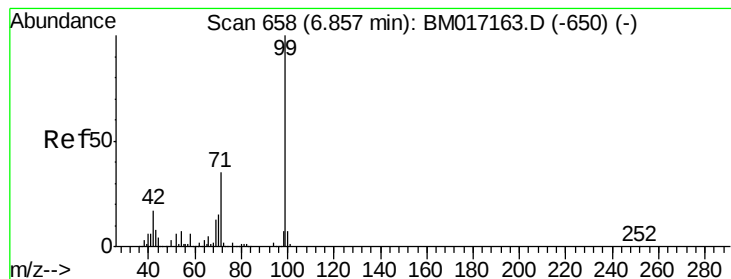


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 137.947 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

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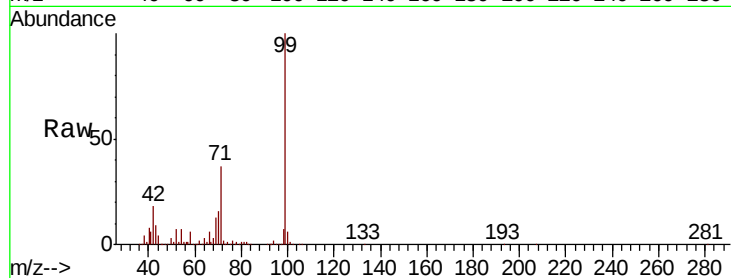
Tot Ion: 99 Resp: 3326196

Ion Ratio Lower Upper

99 100

42 18.0 13.3 19.9

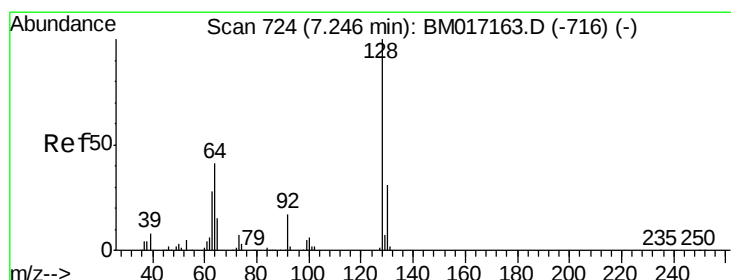
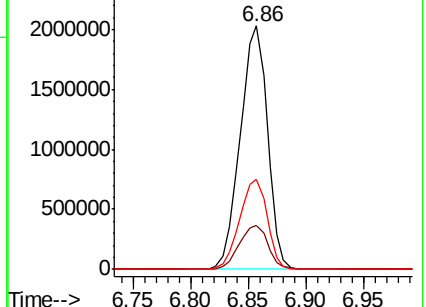
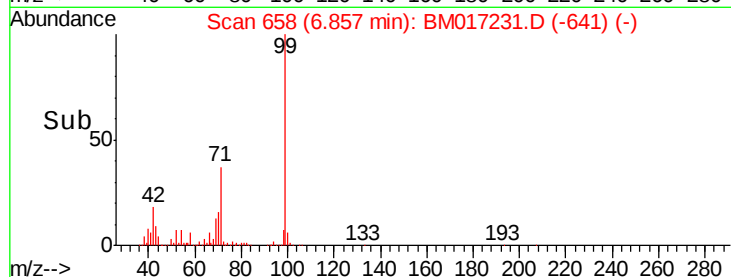
71 37.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017231.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017231.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017231.D (-641) (-)



#8

2-Chlorophenol

Concen: 44.981 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

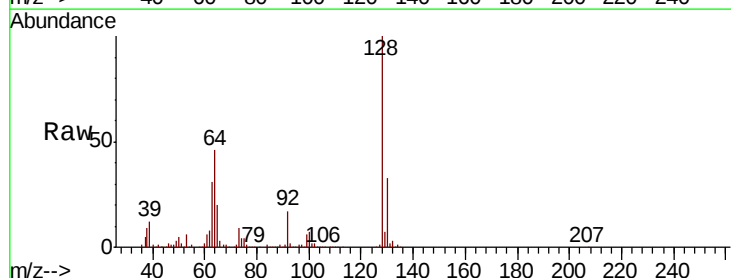
Tgt Ion: 128 Resp: 921277

Ion Ratio Lower Upper

128 100

130 32.6 11.0 51.0

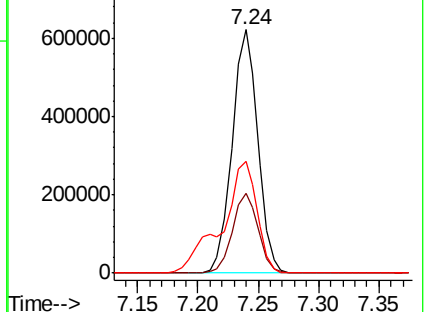
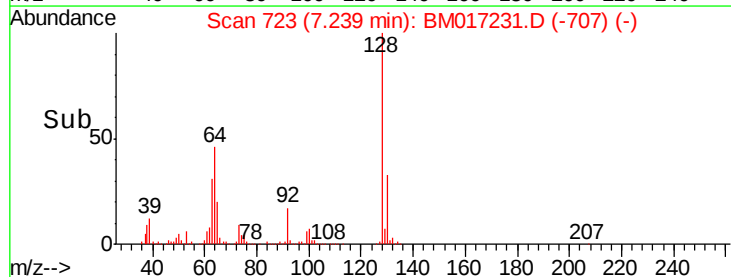
64 45.9 24.1 64.1

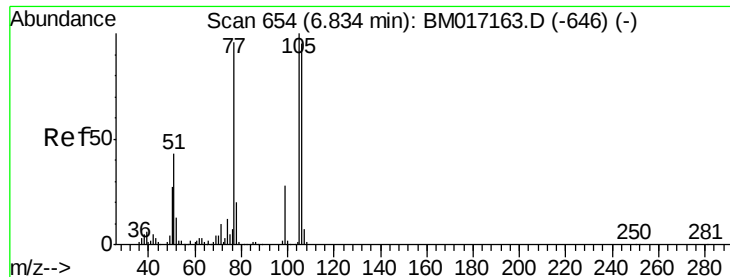


Abundance Ion 128.00 (127.70 to 128.70): BM017231.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017231.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017231.D (-707) (-)





#9

Benzaldehyde

Concen: 26.646 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

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Acq: 19 Oct 2018 15:50

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ClientSampleId :

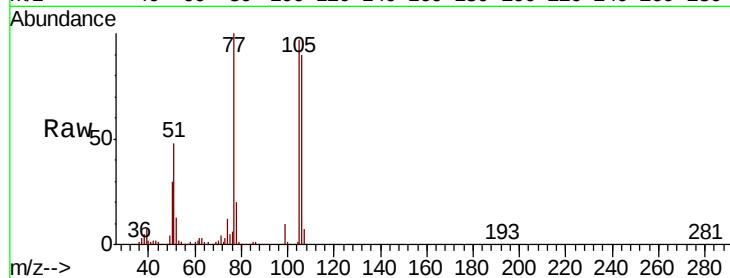
Tot Ion: 77 Resp: 409656

Ion Ratio Lower Upper

77 100

105 96.9 83.9 123.9

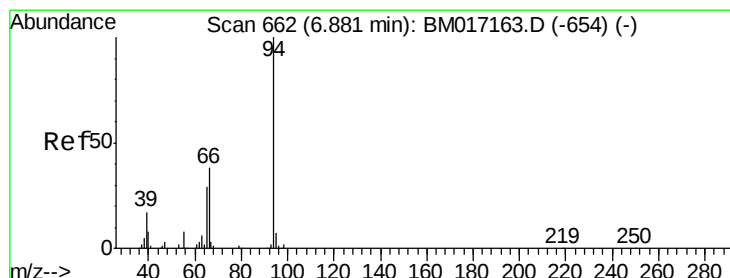
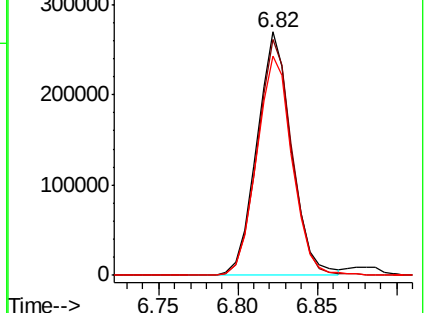
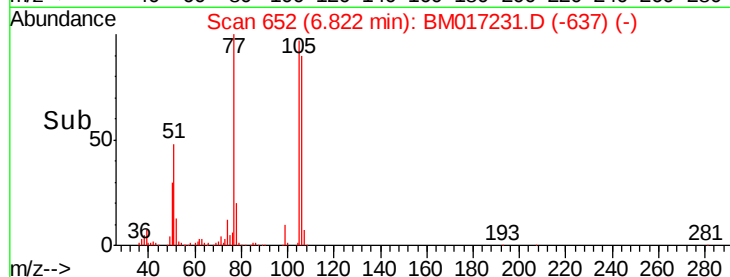
106 90.2 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017231.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017231.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017231.D (-637) (-)



#10

Phenol

Concen: 43.472 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

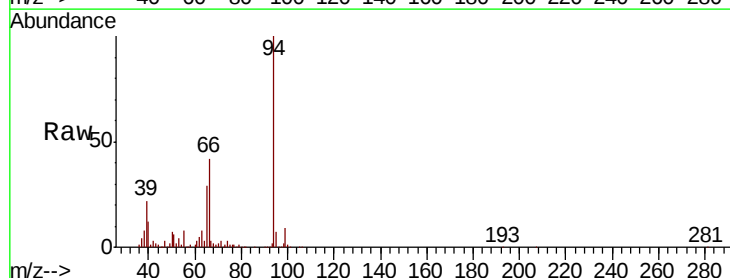
Tgt Ion: 94 Resp: 1128122

Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

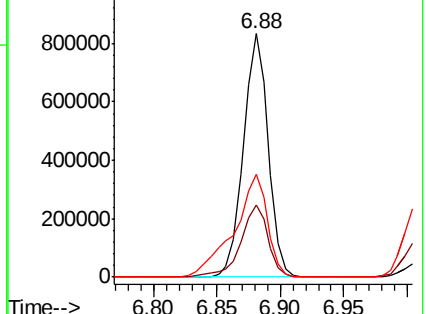
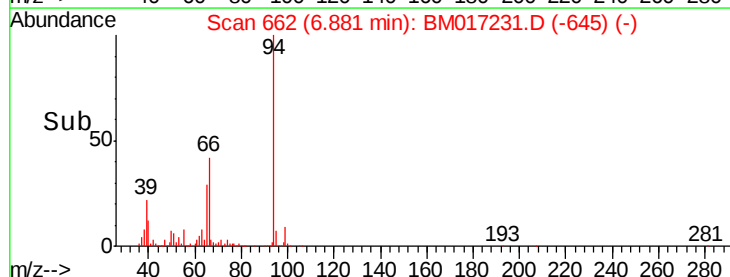
66 42.1 19.0 59.0

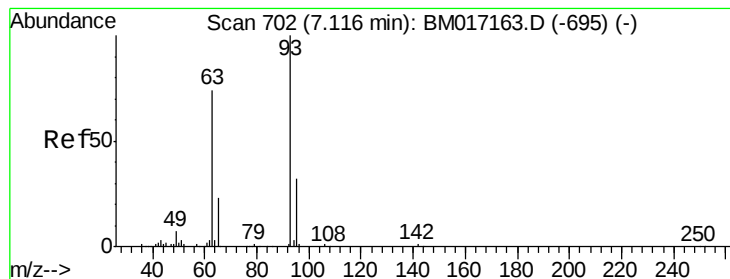


Abundance Ion 94.00 (93.70 to 94.70): BM017231.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017231.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017231.D (-645) (-)

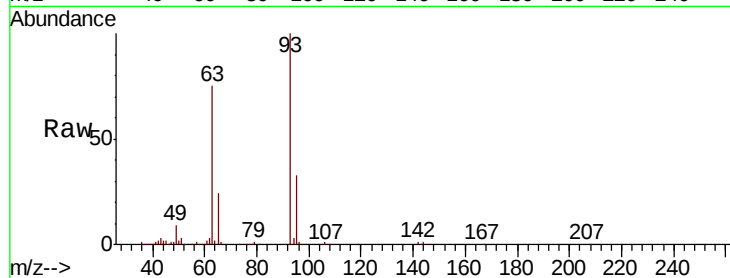




#11
bis(2-Chloroethyl)ether
Concen: 39.188 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :

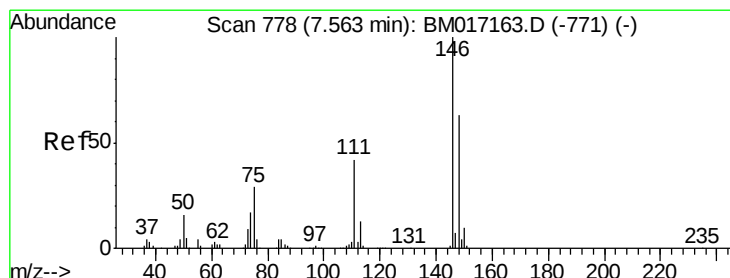
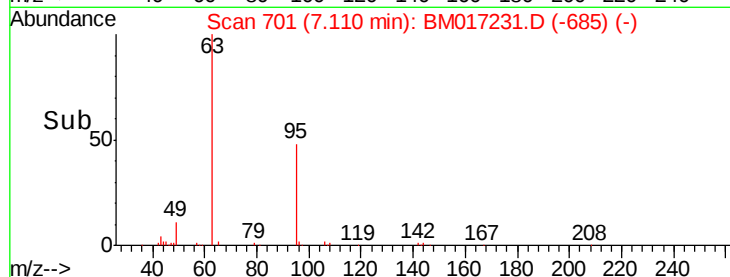
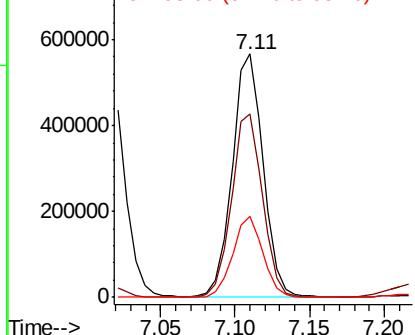
Tot Ion	93.00	Resp	810685
Ion Ratio	100	Lower	Upper
93	100		
63	75.1	54.0	94.0
95	33.0	11.8	51.8



Abundance Ion 93.00 (92.70 to 93.70): BM017163.D (-695) (-)

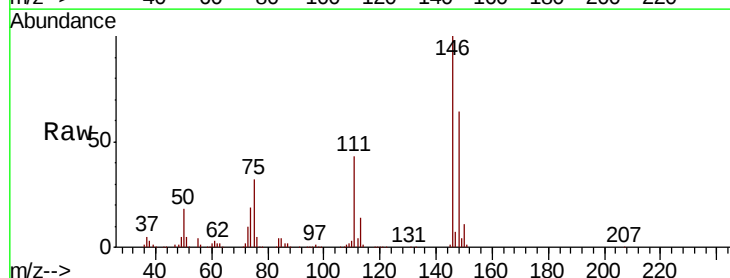
Ion 63.00 (62.70 to 63.70): BM017163.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-695) (-)



#12
1,3-Dichlorobenzene
Concen: 39.958 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

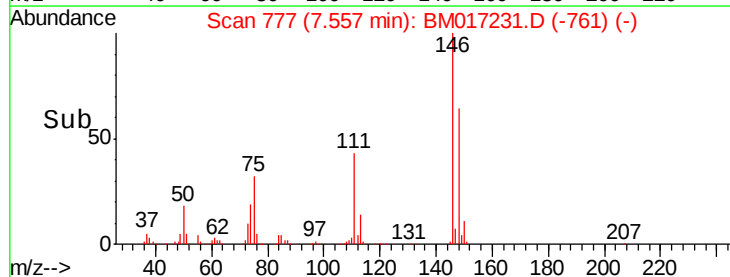
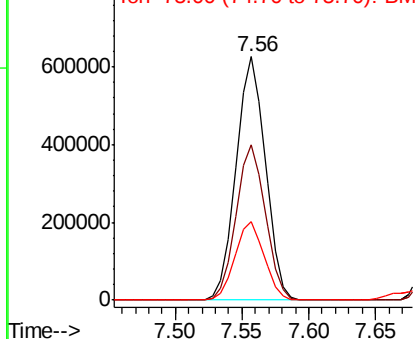
Tgt Ion	146	Resp	954037
Ion Ratio	100	Lower	Upper
146	100		
148	63.9	50.2	75.4
75	32.2	23.3	34.9

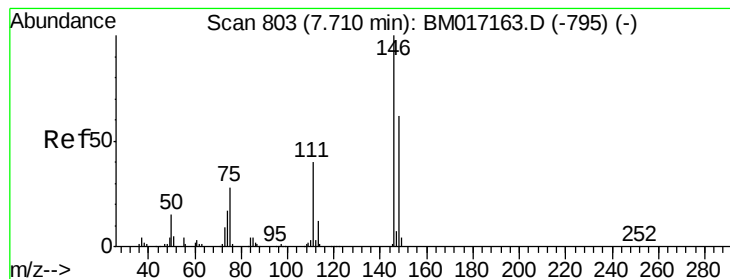


Abundance Ion 146.00 (145.70 to 146.70): BM017163.D (-771) (-)

Ion 148.00 (147.70 to 148.70): BM017163.D (-771) (-)

Ion 75.00 (74.70 to 75.70): BM017163.D (-771) (-)





#13

1,4-Dichlorobenzene

Concen: 39.863 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

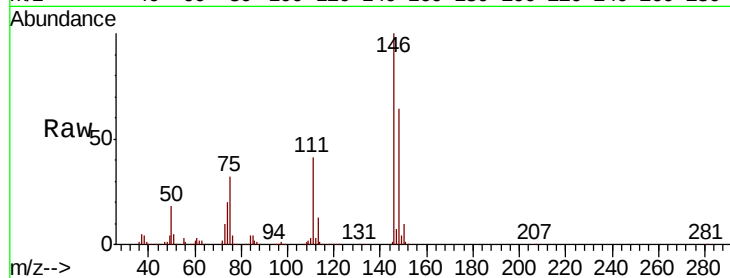
Tot Ion:146 Resp: 972394

Ion Ratio Lower Upper

146 100

148 64.4 49.8 74.6

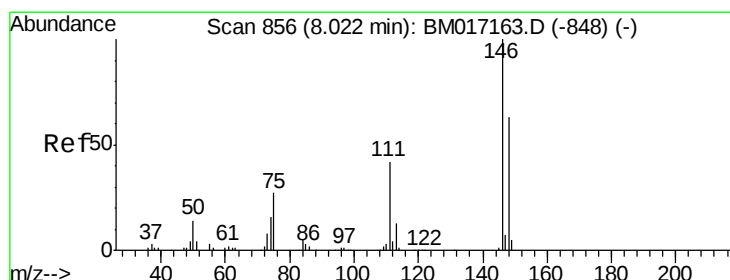
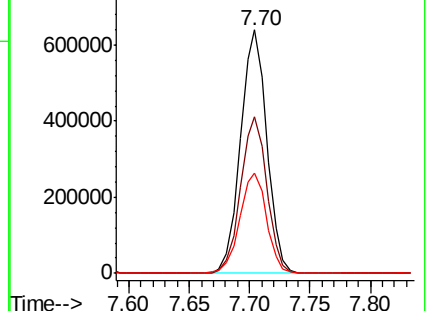
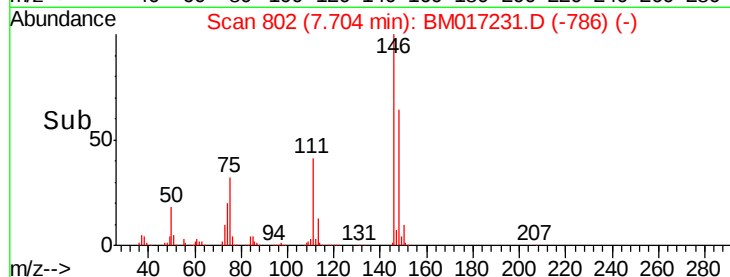
111 41.2 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.624 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

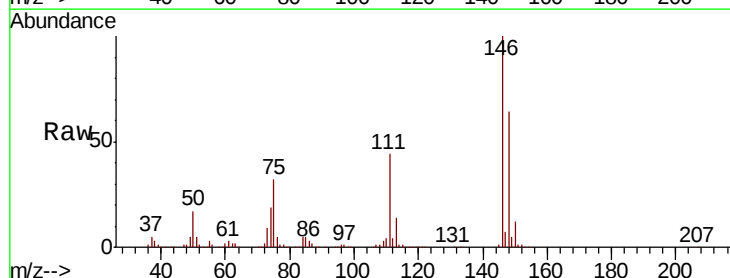
Tgt Ion:146 Resp: 931273

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

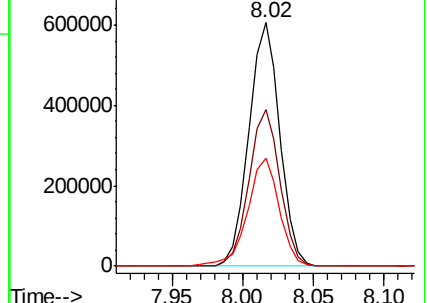
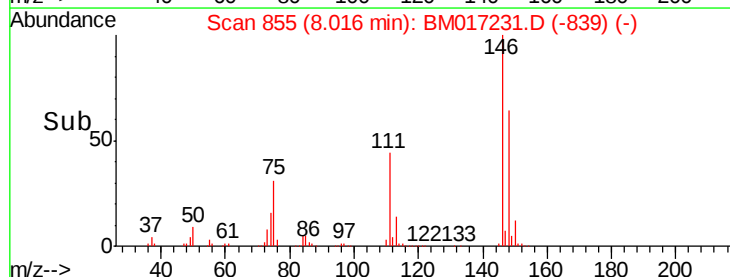
111 44.1 33.8 50.6

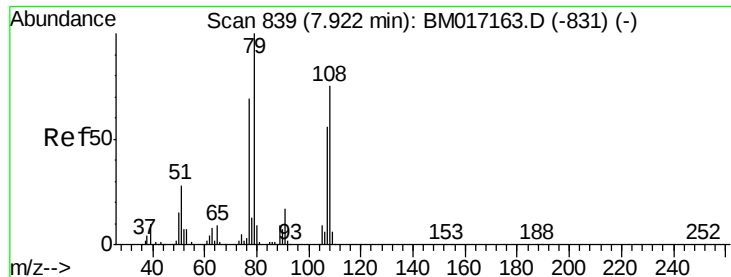


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.713 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

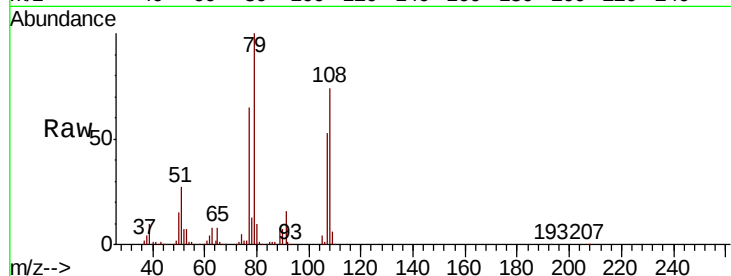
Tot Ion: 79 Resp: 805683

Ion Ratio Lower Upper

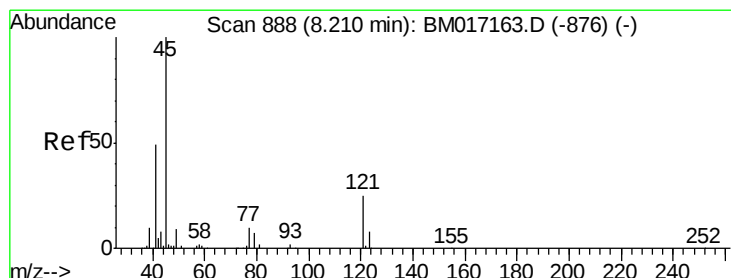
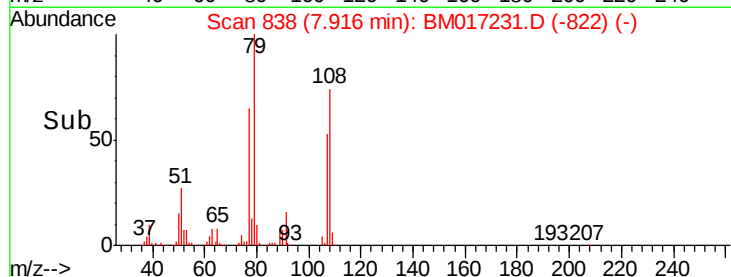
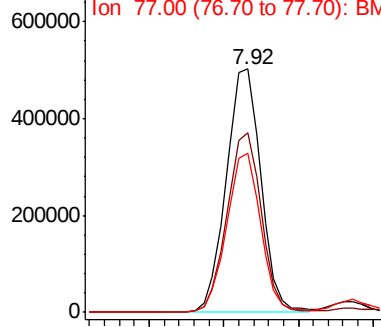
79 100

108 73.8 60.3 90.5

77 65.2 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017231.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.543 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

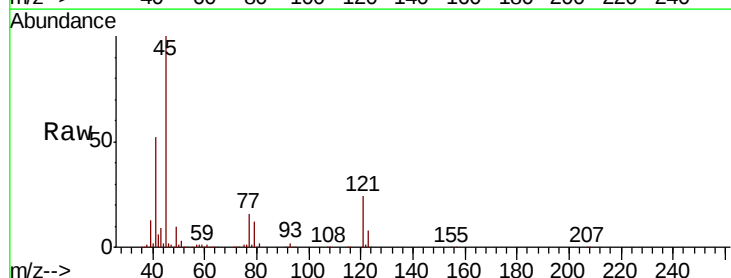
Tgt Ion: 45 Resp: 1113929

Ion Ratio Lower Upper

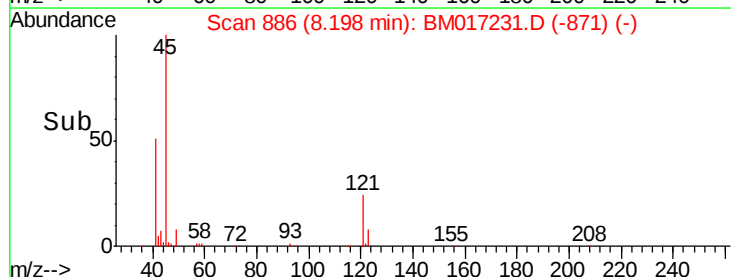
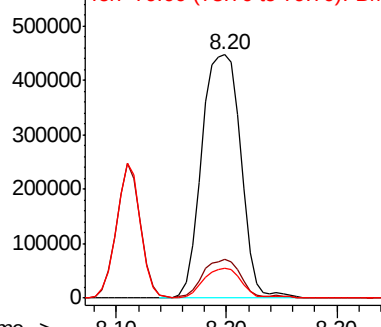
45 100

77 16.1 0.0 35.5

79 12.1 0.0 32.1



Abundance Ion 45.00 (44.70 to 45.70): BM017231.D (-876) (-)

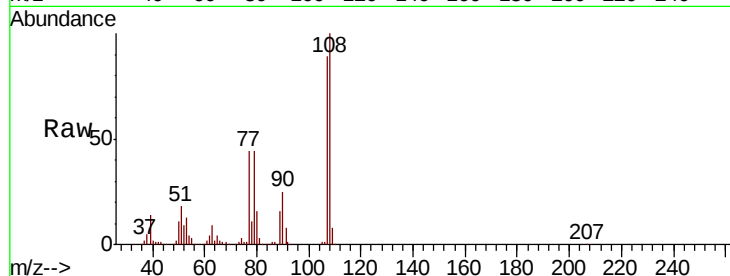




#17
2-Methylphenol
Concen: 45.803 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	762924
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.3	135.5
77	49.9	37.0	55.4
79	49.7	35.8	53.6



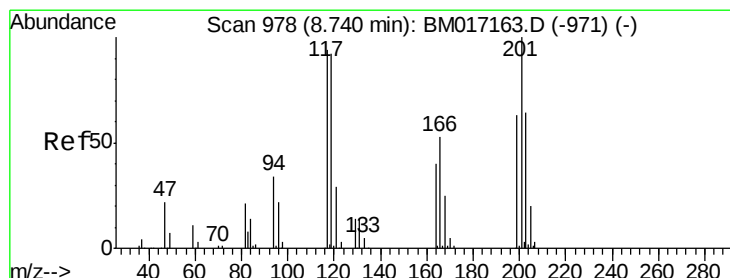
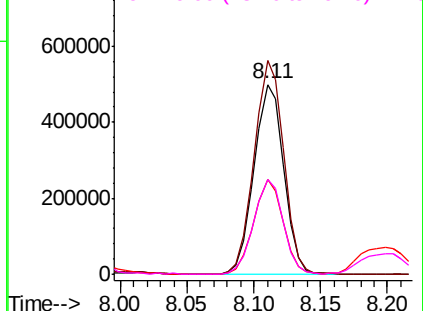
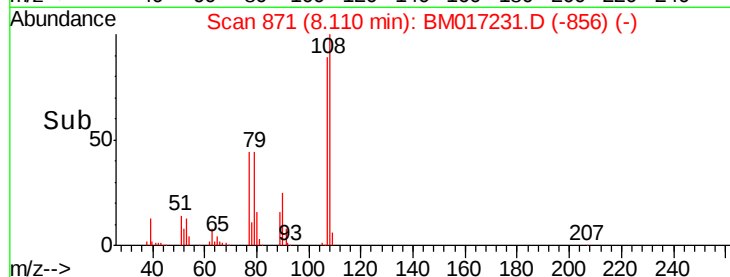
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

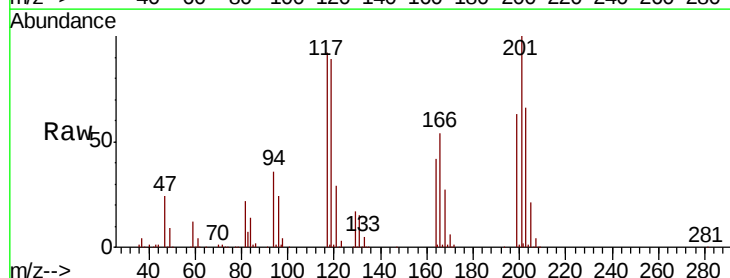
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 41.737 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:	117	Resp:	348423
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.2	117.2
201	108.5	85.3	127.9

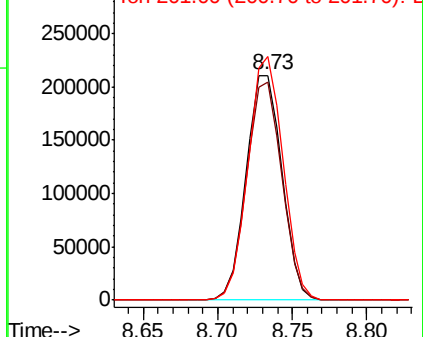
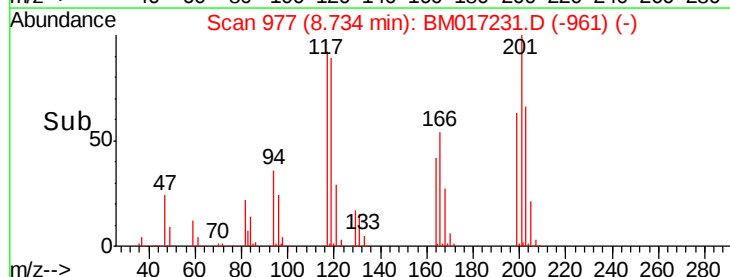


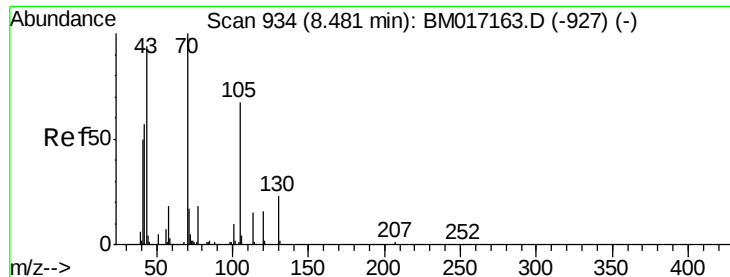
Abundance

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

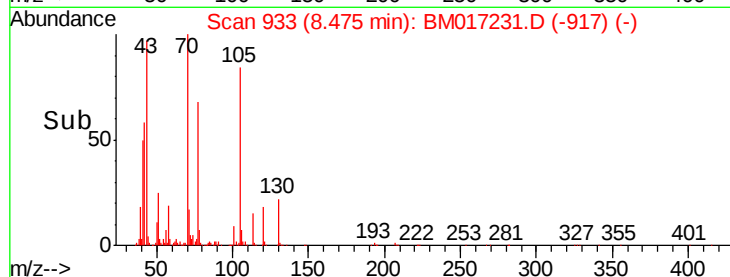
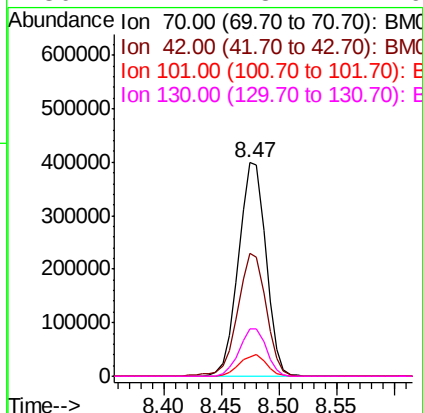
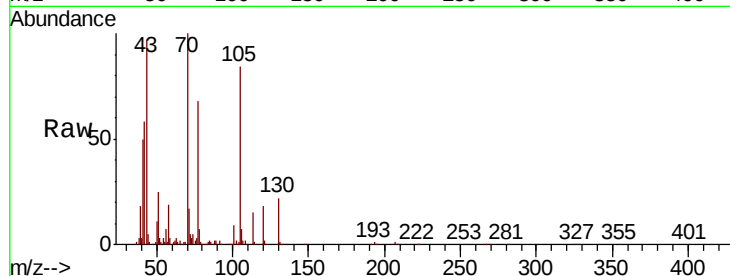




#19
n-Nitroso-di-n-propylamine
Concen: 41.448 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

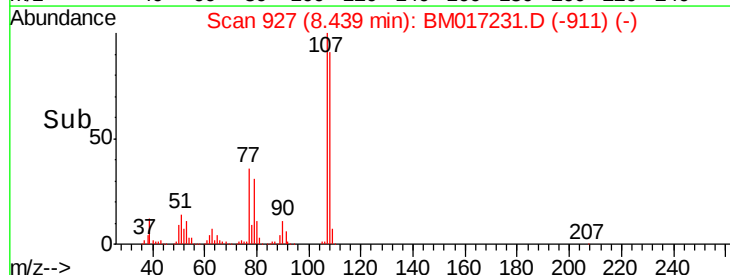
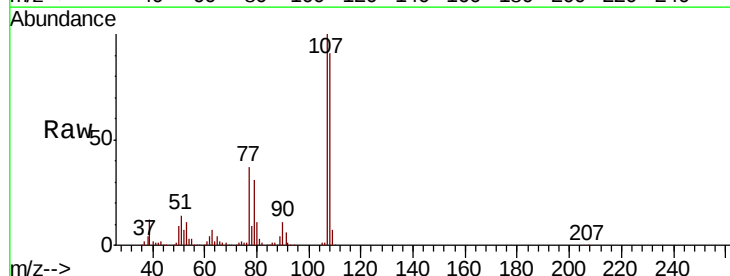
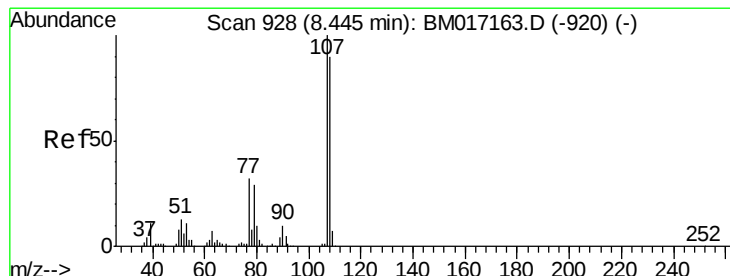
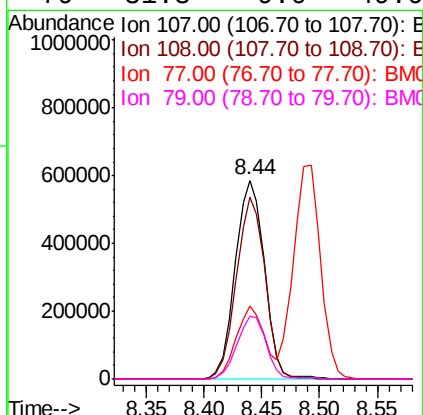
Instrument :
BNA_M
ClientSampleId :

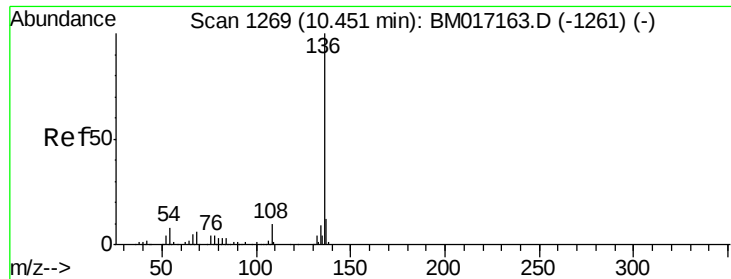
Tot Ion: 70 Resp: 658058
Ion Ratio Lower Upper
70 100
42 57.8 46.1 69.1
101 9.3 8.2 12.4
130 22.1 18.4 27.6



#20
3+4-Methylphenols
Concen: 45.059 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion: 107 Resp: 1026517
Ion Ratio Lower Upper
107 100
108 91.2 69.9 109.9
77 36.6 12.2 52.2
79 31.3 9.0 49.0



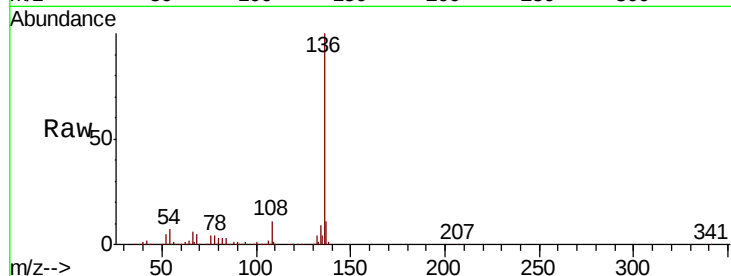


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

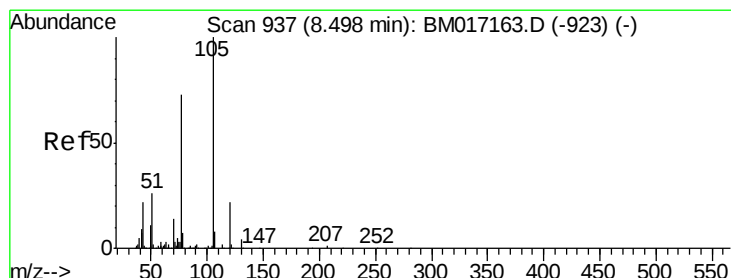
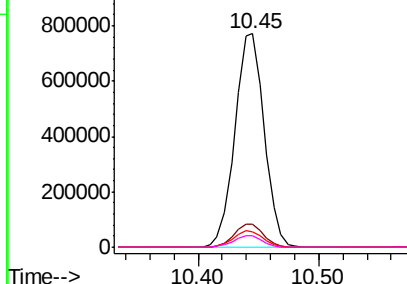
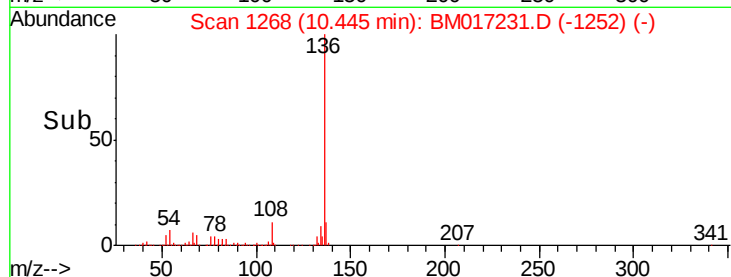
Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1305384

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.4	6.7	10.1
68	5.2	4.7	7.1



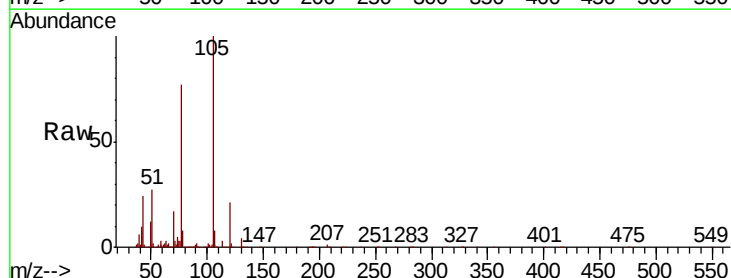
Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



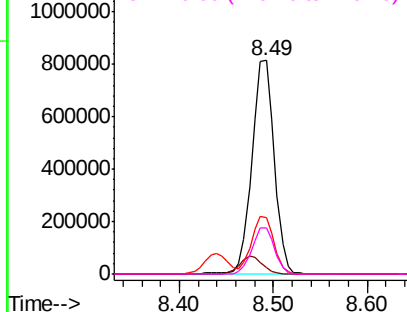
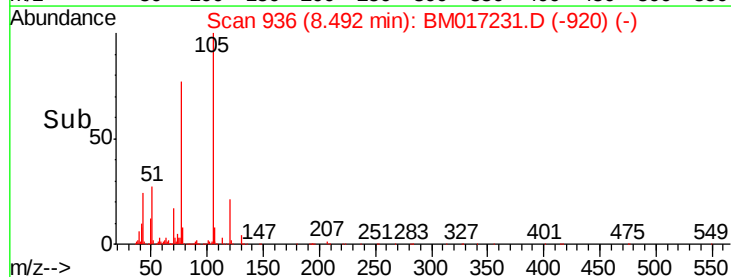
#22
Acetophenone
Concen: 40.568 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

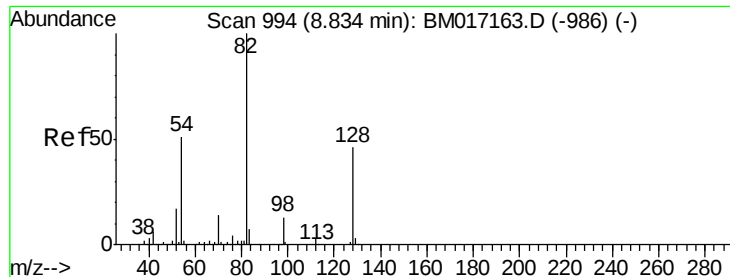
Tgt Ion:105 Resp: 1342389

Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	26.6	20.6	31.0
120	21.5	17.5	26.3



Abundance Ion 105.00 (104.70 to 105.70): E
1200000
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

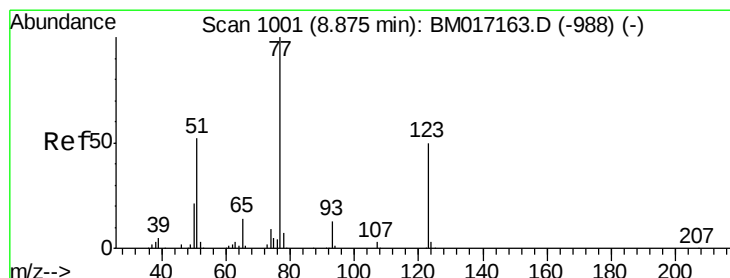
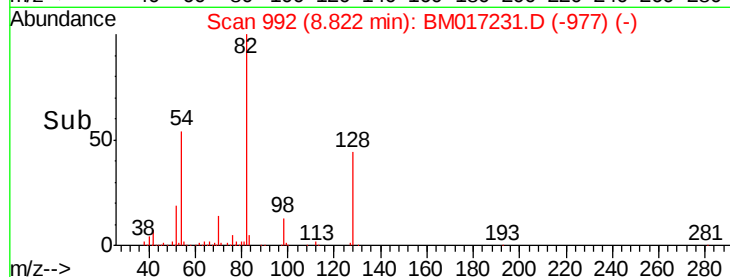
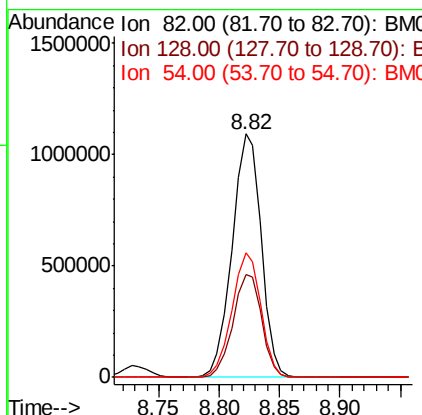
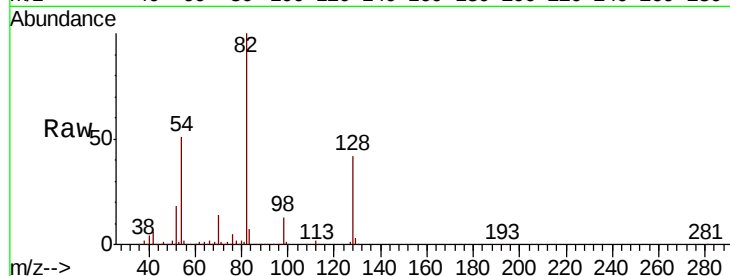




#23
 Nitrobenzene-d5
 Concen: 82.406 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

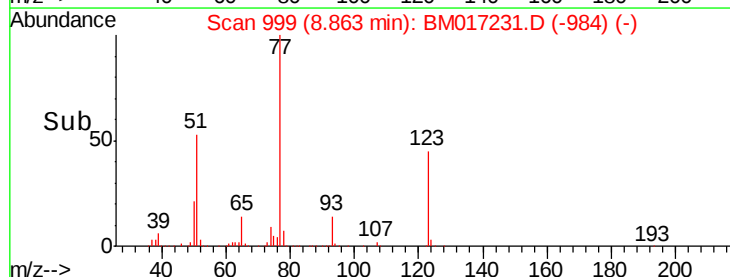
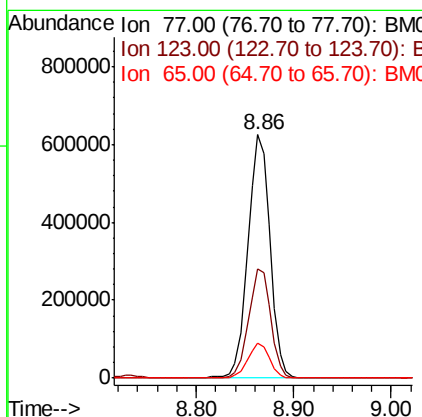
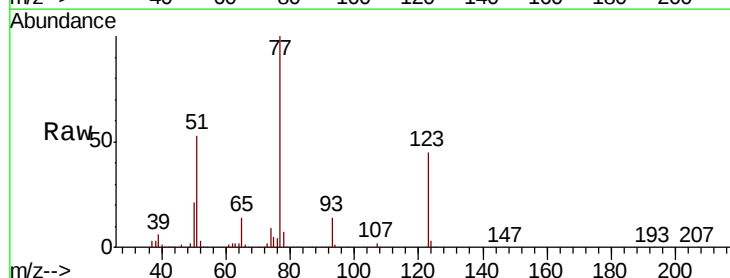
Instrument :
 BNA_M
 ClientSampled :

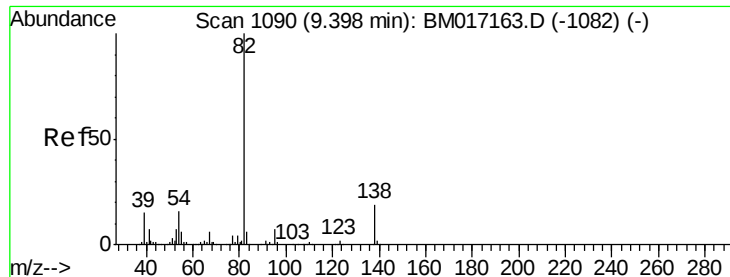
Tot Ion: 82 Resp: 1839276
 Ion Ratio Lower Upper
 82 100
 128 42.4 37.0 55.6
 54 51.3 40.7 61.1



#24
 Nitrobenzene
 Concen: 42.155 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion: 77 Resp: 995254
 Ion Ratio Lower Upper
 77 100
 123 44.7 40.2 60.4
 65 14.5 11.4 17.0





#25

Isophorone

Concen: 47.471 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampled :

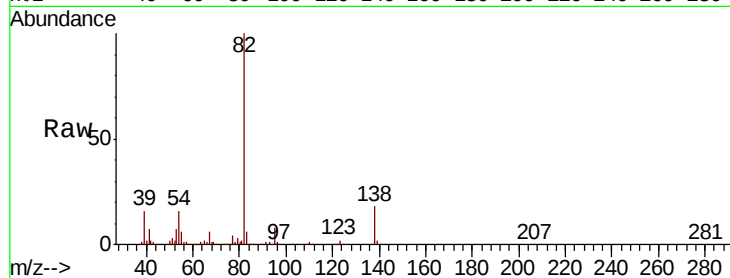
Tot Ion: 82 Resp: 1749590

Ion Ratio Lower Upper

82 100

95 8.0 6.0 9.0

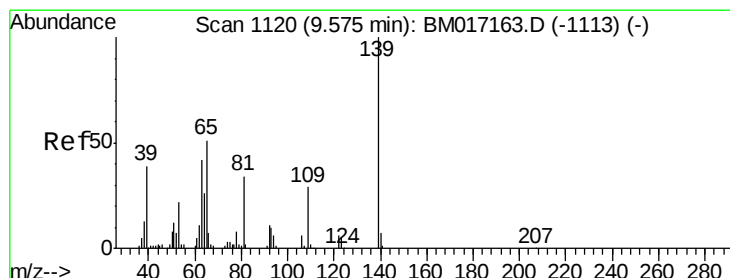
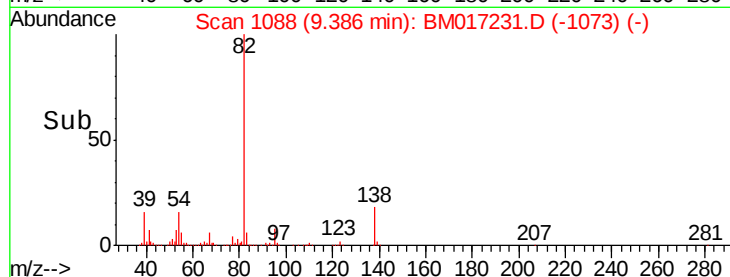
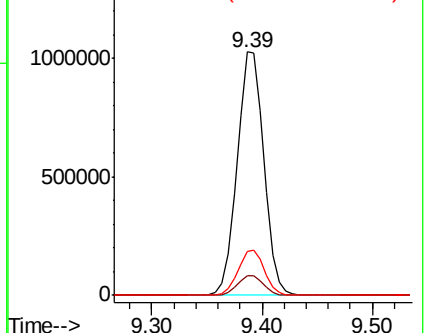
138 18.0 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017231.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017231.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017231.D (-1082) (-)



#26

2-Nitrophenol

Concen: 43.802 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

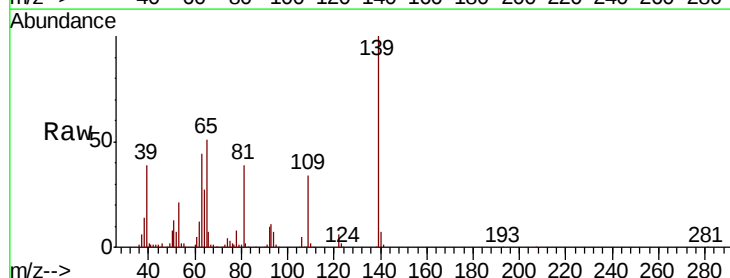
Tgt Ion: 139 Resp: 477730

Ion Ratio Lower Upper

139 100

109 34.1 23.2 34.8

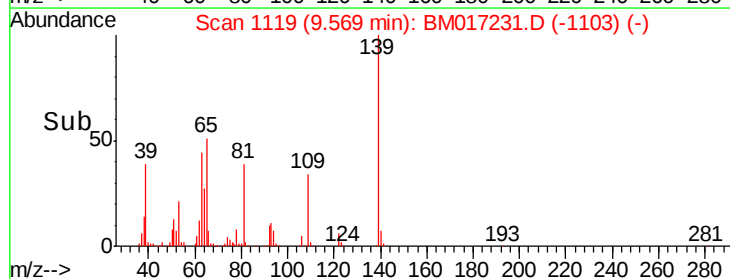
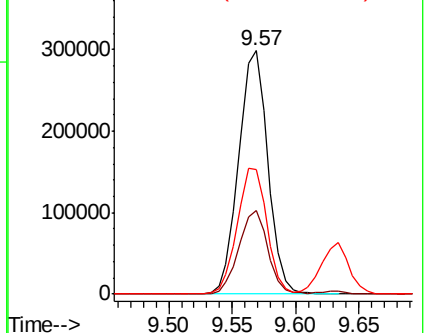
65 51.3 40.6 61.0

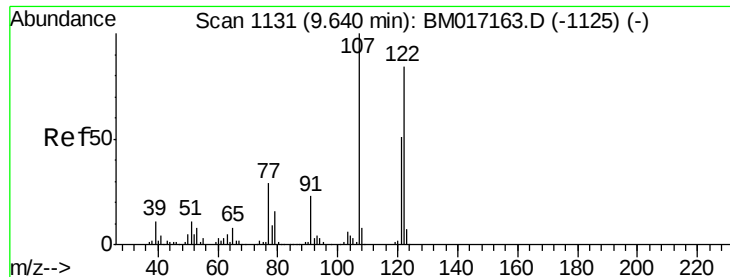


Abundance Ion 139.00 (138.70 to 139.70): BM017231.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM017231.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM017231.D (-1103) (-)

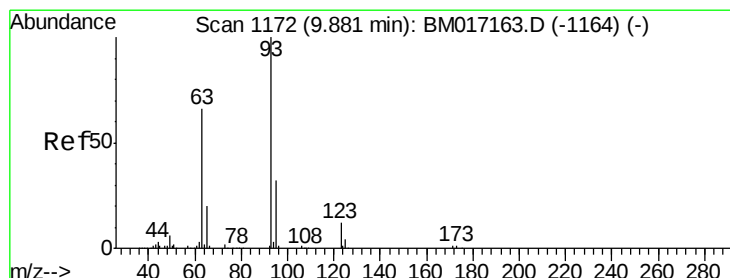
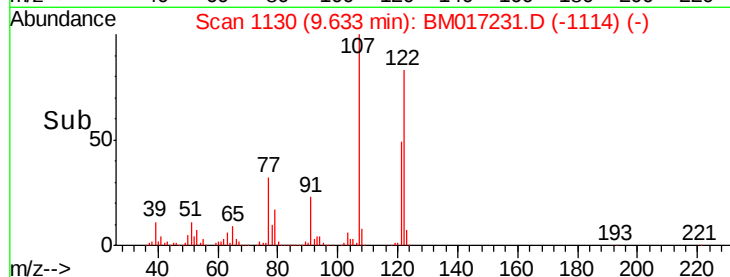
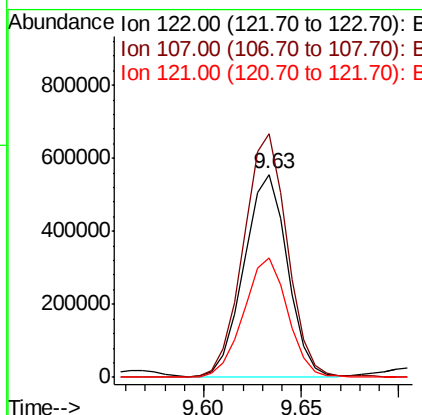
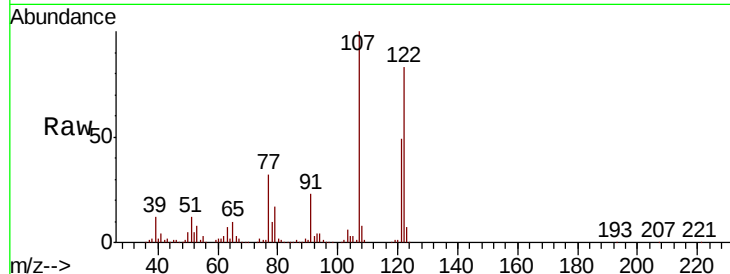




#27
 2,4-Dimethylphenol
 Concen: 52.581 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

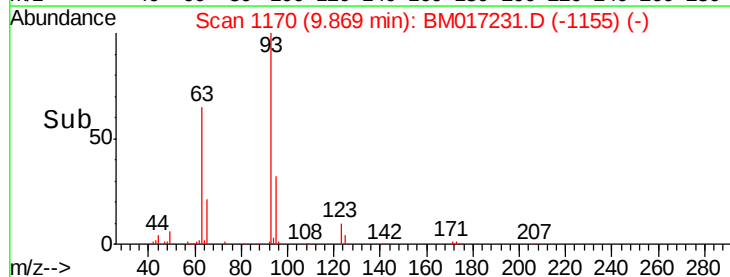
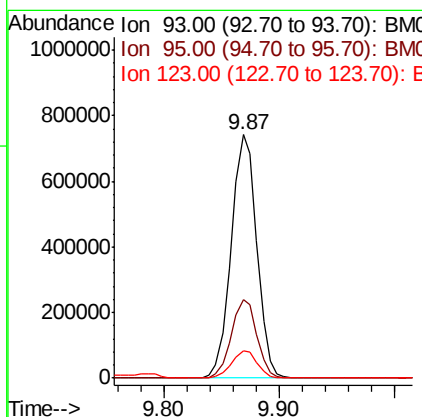
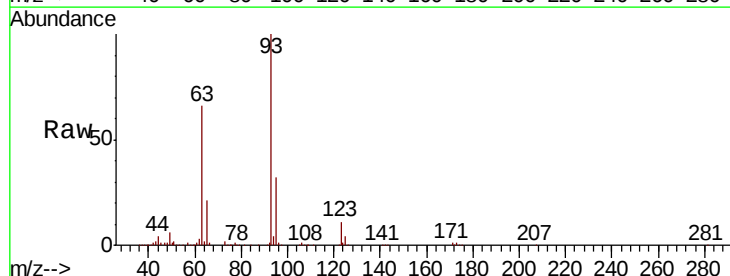
Instrument :
 BNA_M
 ClientSampled :

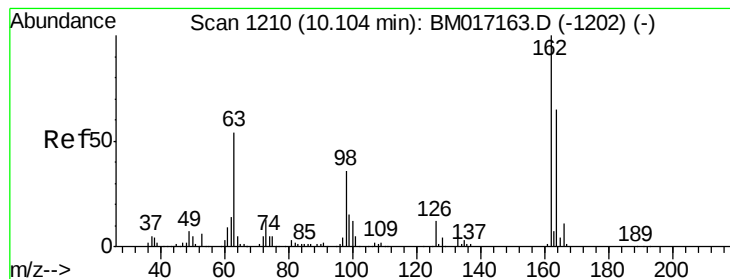
Tot Ion:122 Resp: 856914
 Ion Ratio Lower Upper
 122 100
 107 119.9 95.0 142.6
 121 59.0 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.742 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion: 93 Resp: 1134725
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.7 38.5
 123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.161 ng

RT: 10.10 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

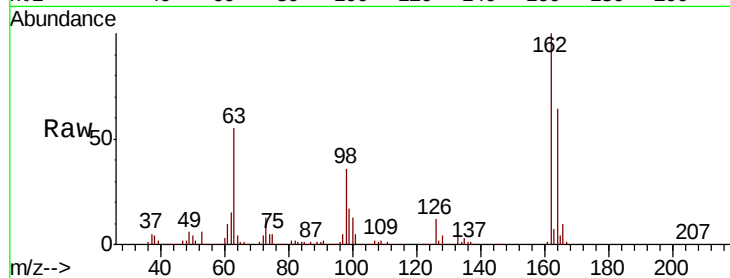
Tot Ion:162 Resp: 892379

Ion Ratio Lower Upper

162 100

164 64.0 44.9 84.9

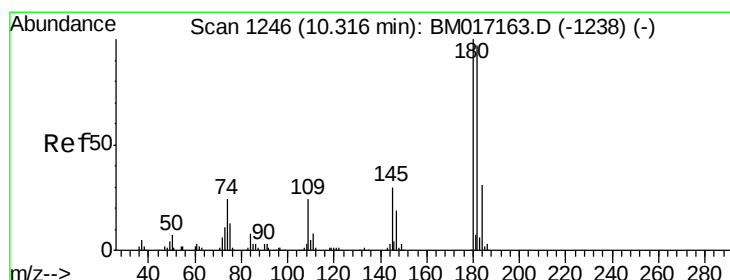
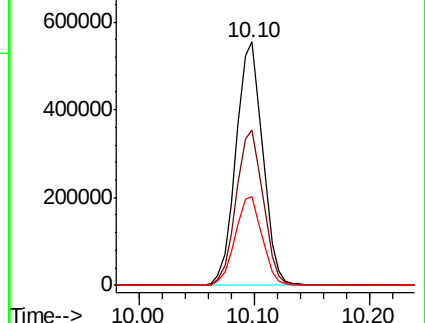
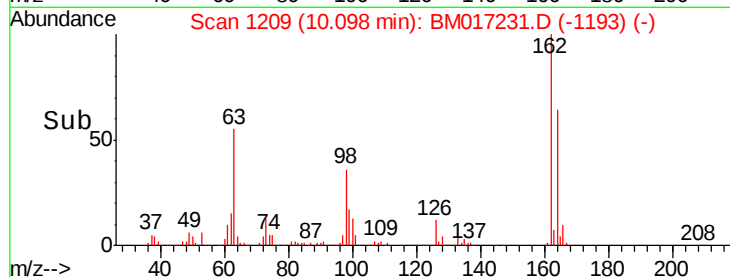
98 36.4 15.8 55.8



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: 40.362 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

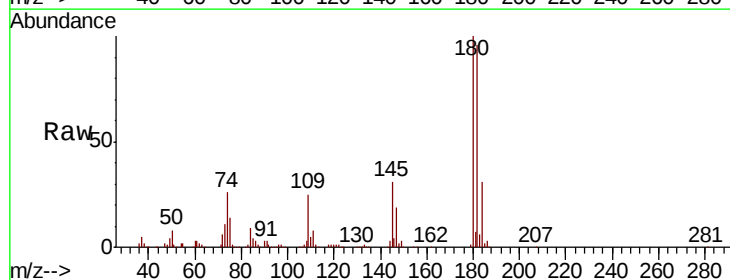
Tgt Ion:180 Resp: 916195

Ion Ratio Lower Upper

180 100

182 96.3 77.5 116.3

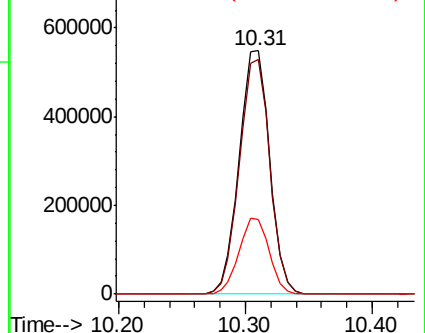
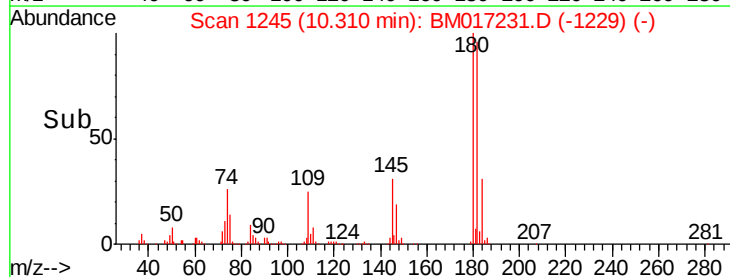
145 30.8 24.0 36.0

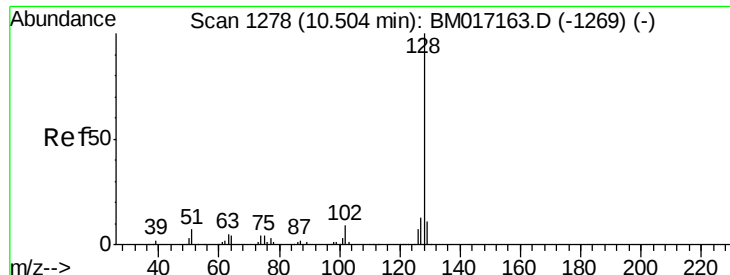


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

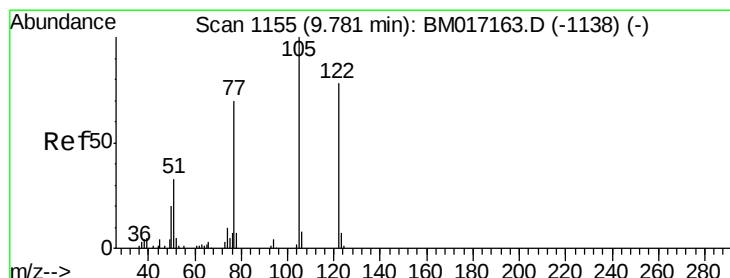
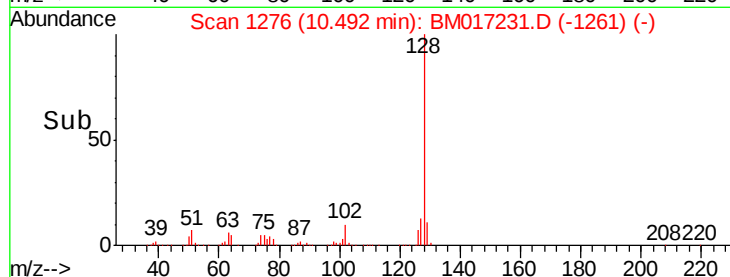
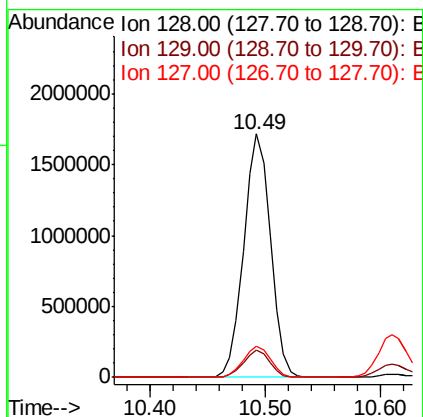
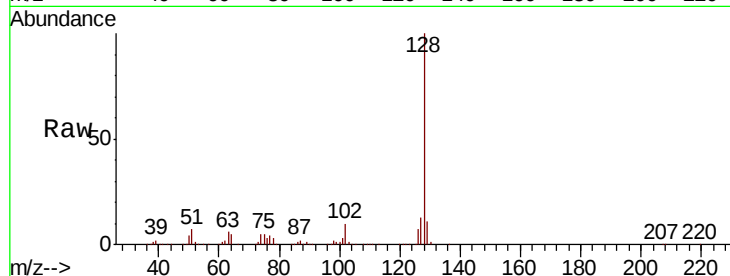




#31
Naphthalene
Concen: 43.208 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

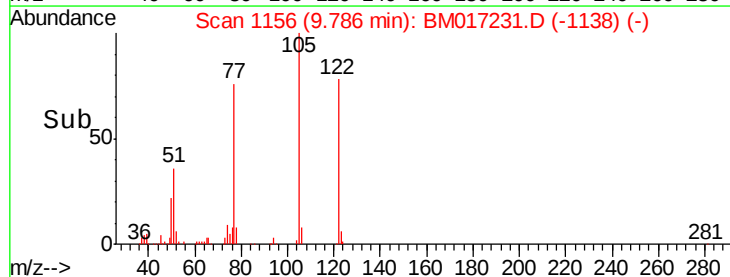
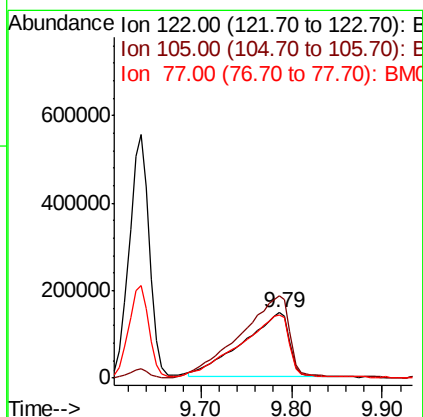
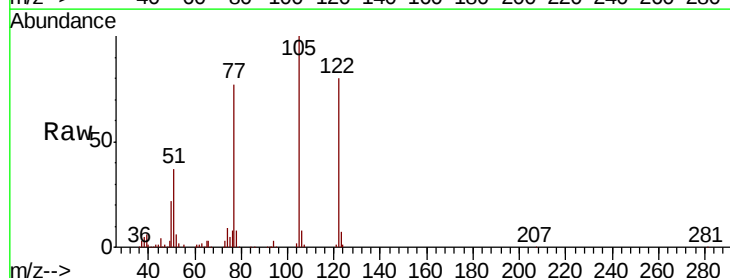
Instrument :
BNA_M
ClientSampleId :

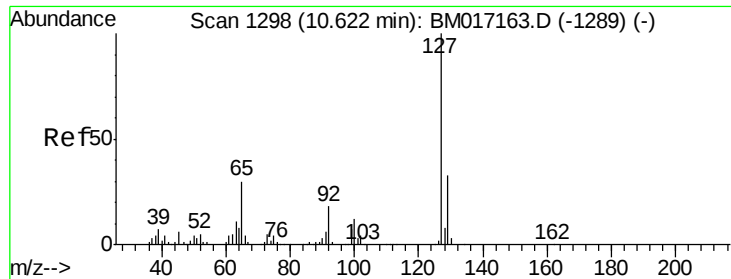
Tot Ion:128 Resp: 2764065
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 43.577 ng
RT: 9.79 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:122 Resp: 529887
Ion Ratio Lower Upper
122 100
105 125.4 102.0 142.0
77 97.0 67.7 107.7

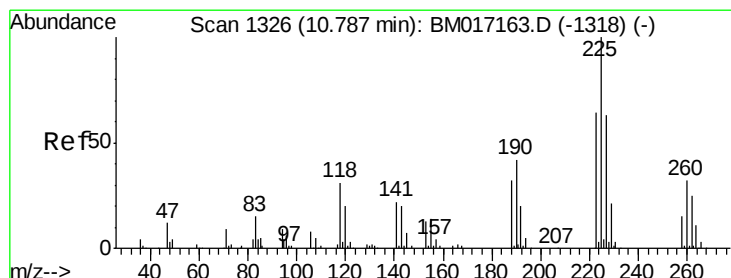
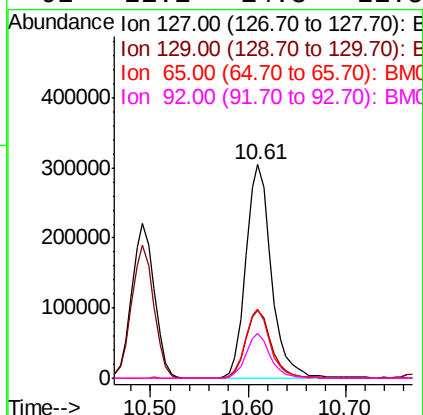
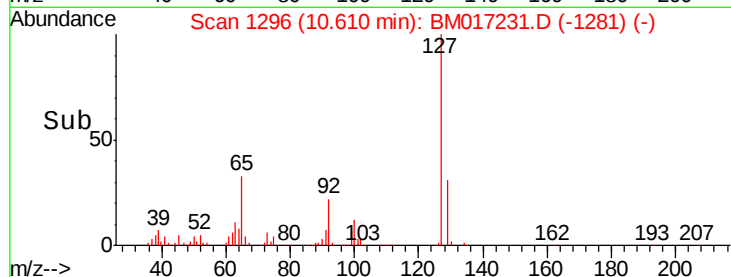
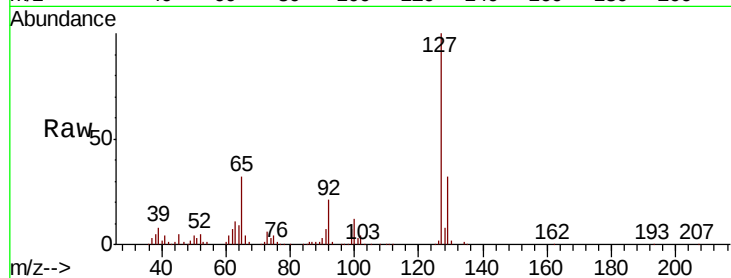




#33
4-Chloroaniline
Concen: 20.162 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

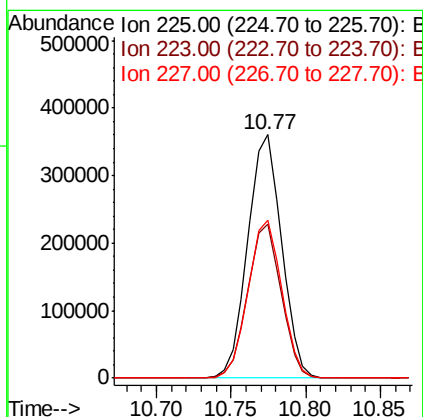
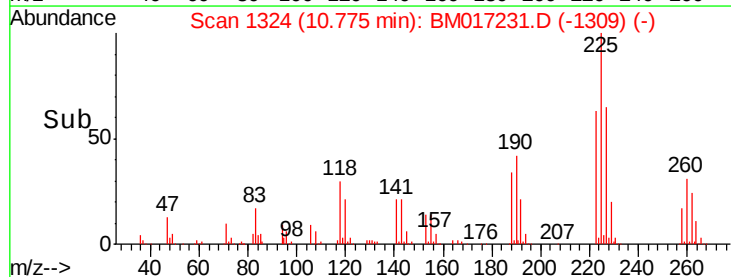
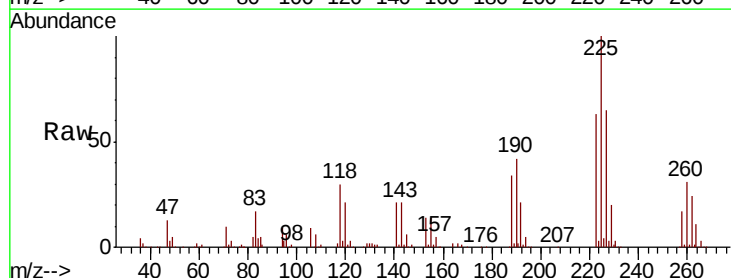
Instrument :
BNA_M
ClientSampled :

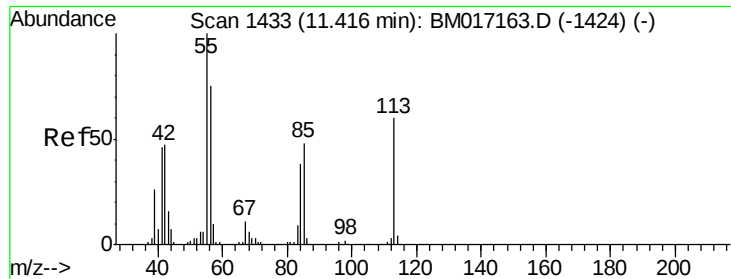
Tot Ion:127	Resp:	557043
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.2 39.4
65	32.1	23.7 35.5
92	21.1	14.3 21.5



#34
Hexachlorobutadiene
Concen: 39.252 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:225	Resp:	564545
Ion Ratio	Lower	Upper
225	100	
223	63.2	51.0 76.6
227	64.9	50.8 76.2





#35

Caprolactam

Concen: 19.505 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampled :

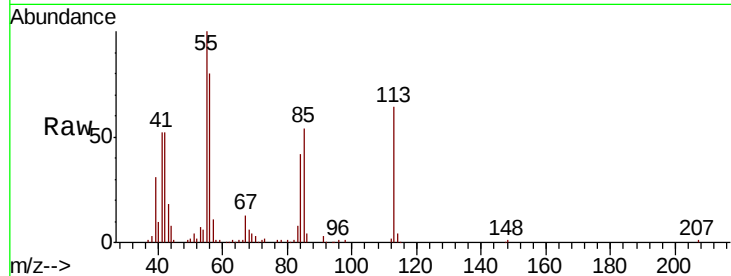
Tot Ion:113 Resp: 134505

Ion Ratio Lower Upper

113 100

55 156.1 147.0 187.0

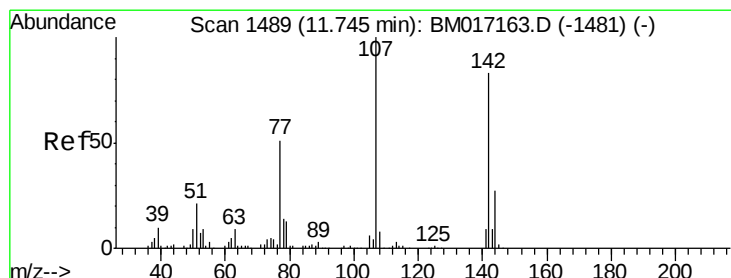
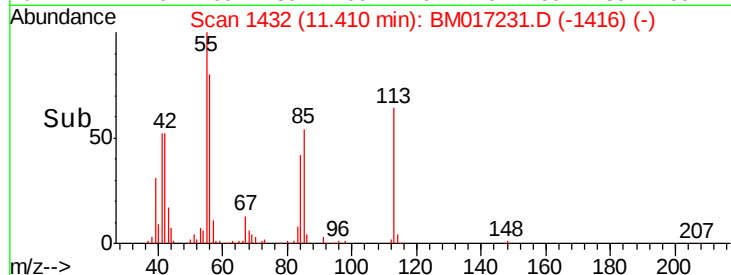
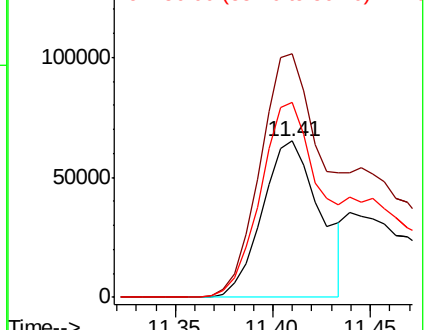
56 125.4 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.882 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

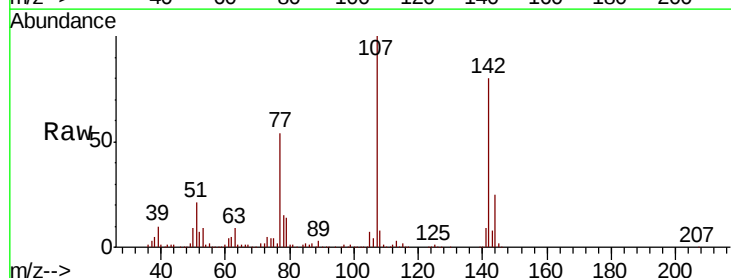
Tgt Ion:107 Resp: 935968

Ion Ratio Lower Upper

107 100

144 24.8 21.6 32.4

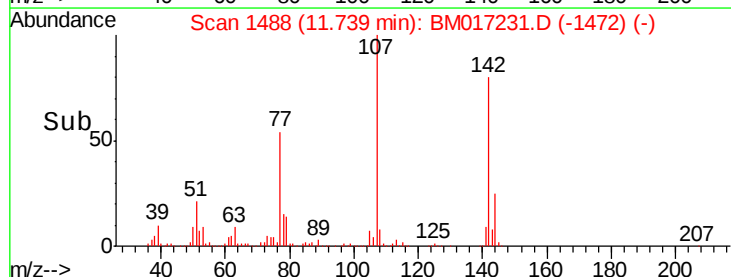
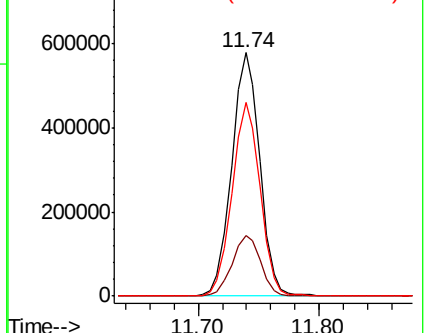
142 79.6 66.0 99.0

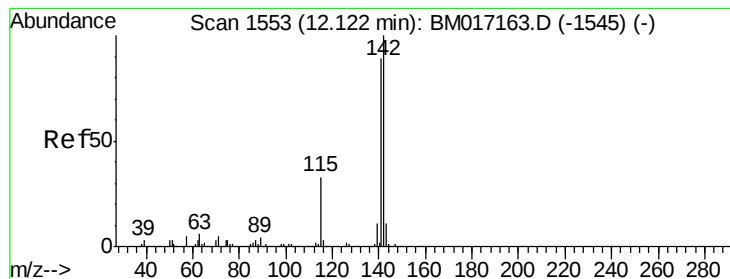


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.190 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

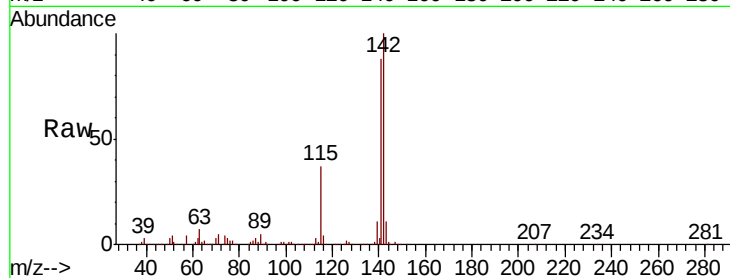
Tot Ion:142 Resp: 2065795

Ion Ratio Lower Upper

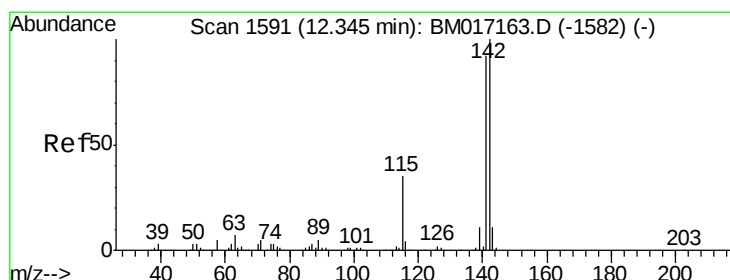
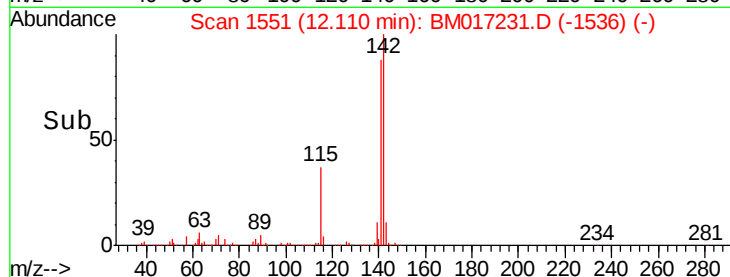
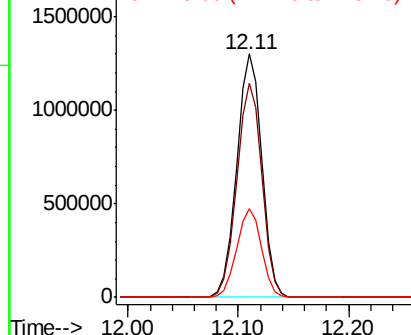
142 100

141 88.0 70.9 106.3

115 36.6 26.4 39.6



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



#38

1-Methylnaphthalene

Concen: 46.193 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

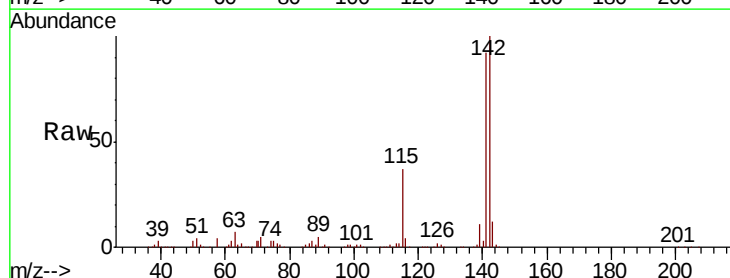
Tgt Ion:142 Resp: 1968103

Ion Ratio Lower Upper

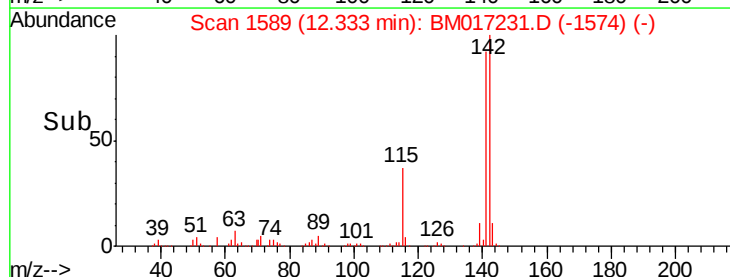
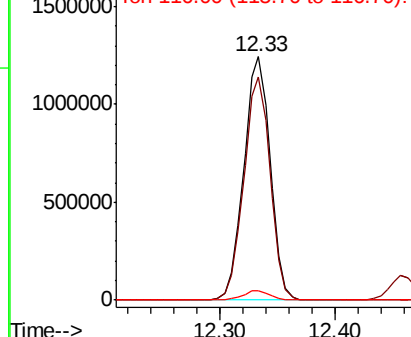
142 100

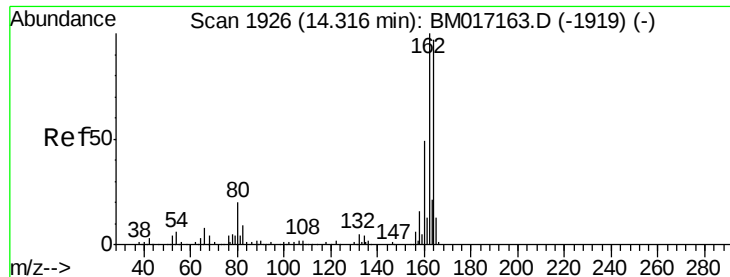
141 91.6 73.8 110.6

116 3.8 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: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

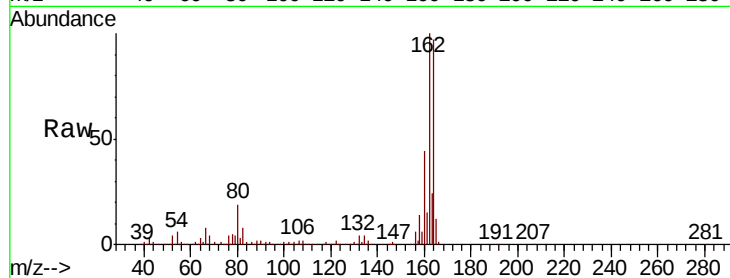
Tot Ion:164 Resp: 748510

Ion Ratio Lower Upper

164 100

162 103.4 82.1 123.1

160 45.7 40.2 60.2

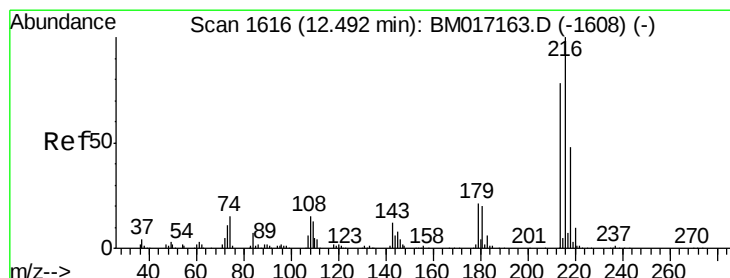
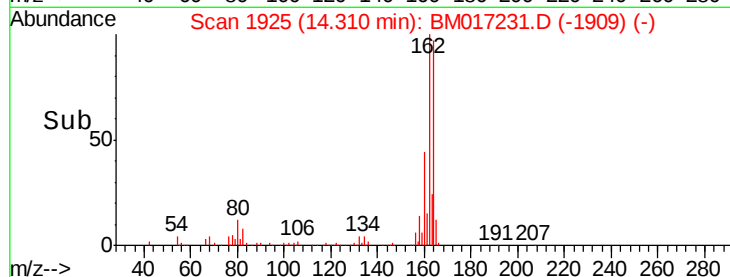
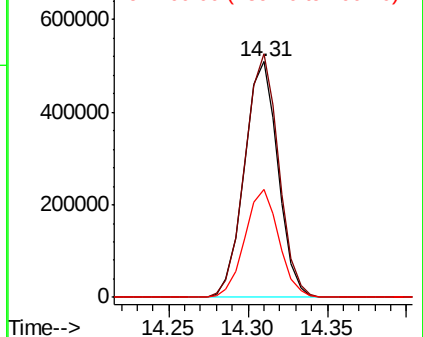


Abundance

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: 41.616 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:216 Resp: 1096998

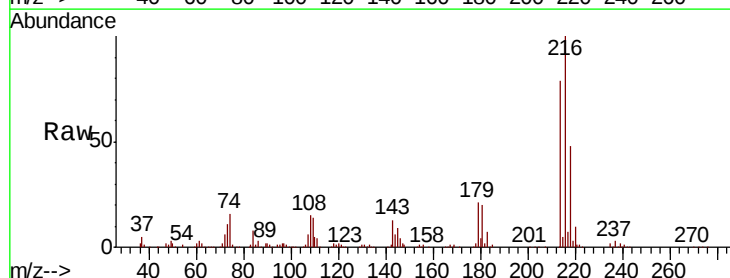
Ion Ratio Lower Upper

216 100

214 77.7 62.6 93.8

179 20.9 16.6 24.8

108 20.3 13.5 20.3



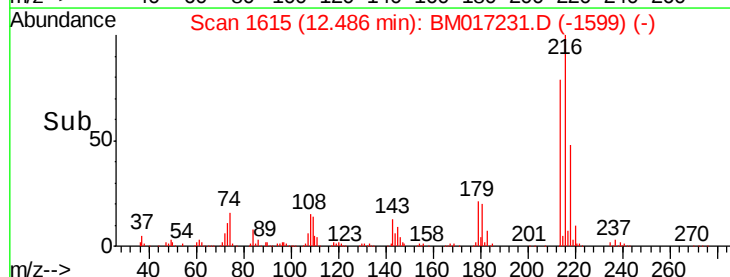
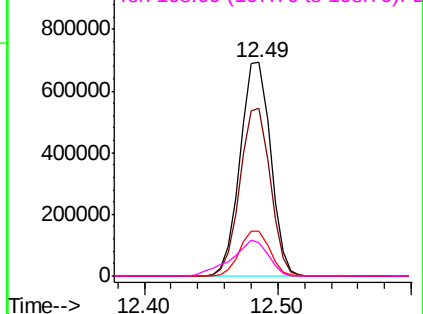
Abundance

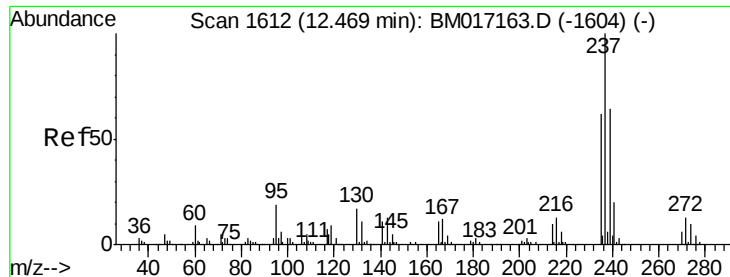
Ion 216.00 (215.70 to 216.70): E

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: 125.117 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

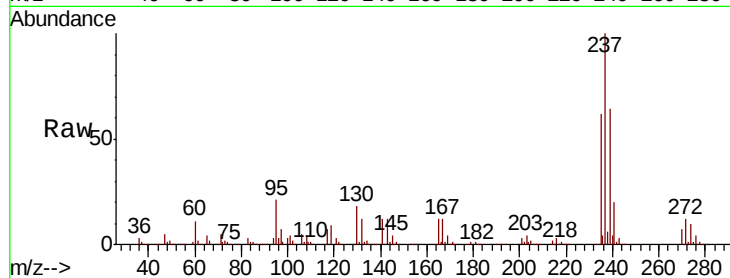
Instrument :

BNA_M

ClientSampled :

Tot Ion:237 Resp: 1594405

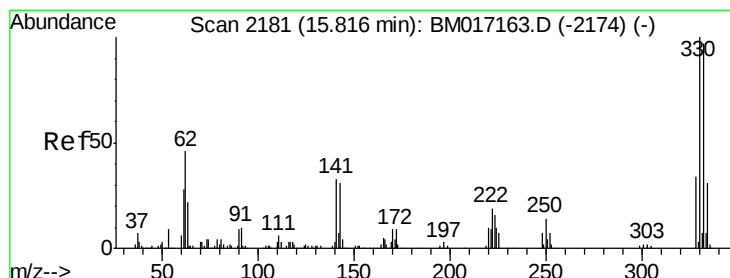
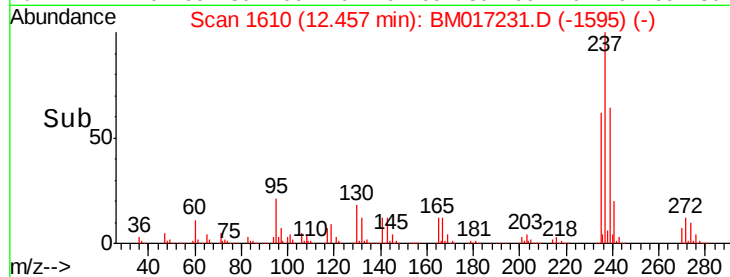
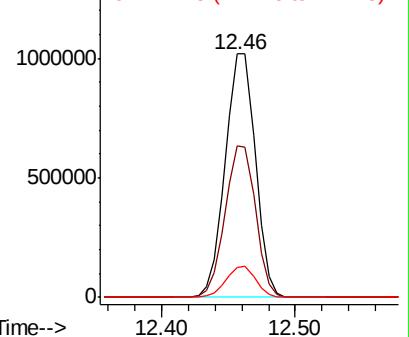
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.4	82.4
272	12.5	0.0	33.0



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: 128.950 ng

RT: 15.81 min Scan# 2180

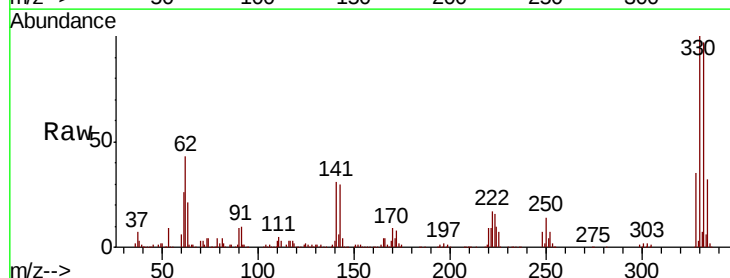
Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:330 Resp: 1305294

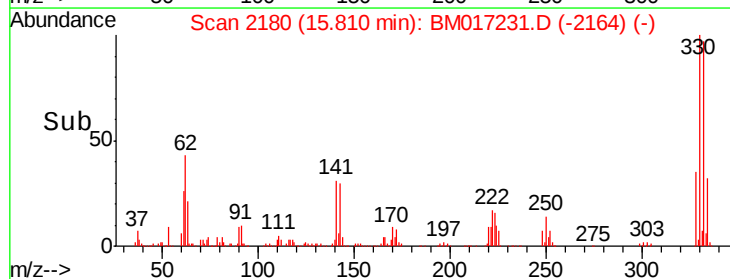
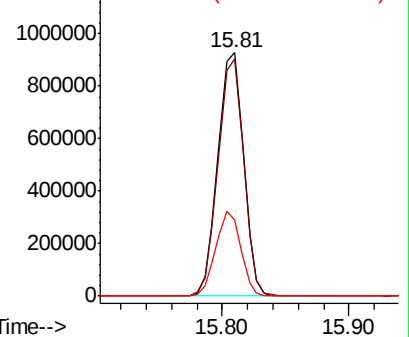
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.9	27.4	41.0

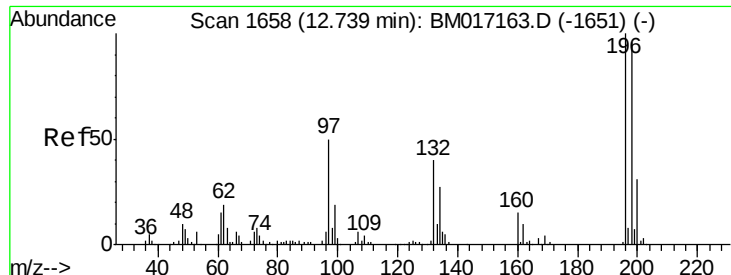


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

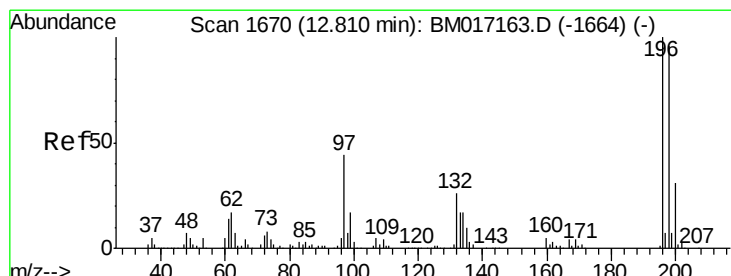
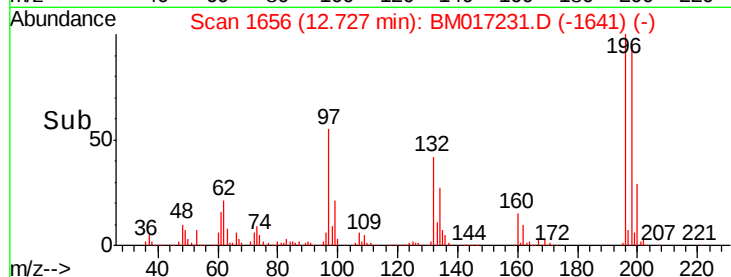
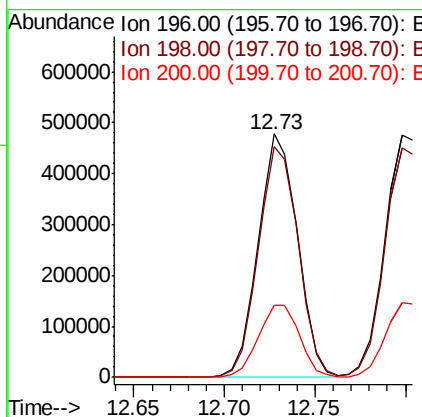
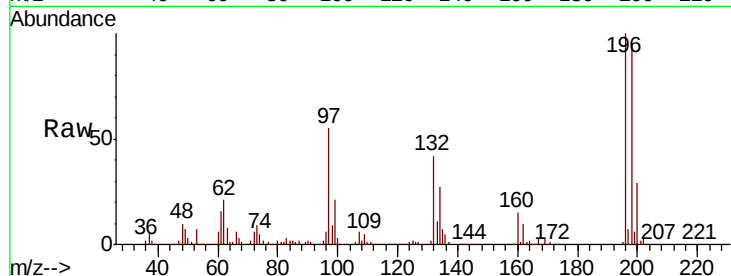




#43
 2,4,6-Trichlorophenol
 Concen: 46.982 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

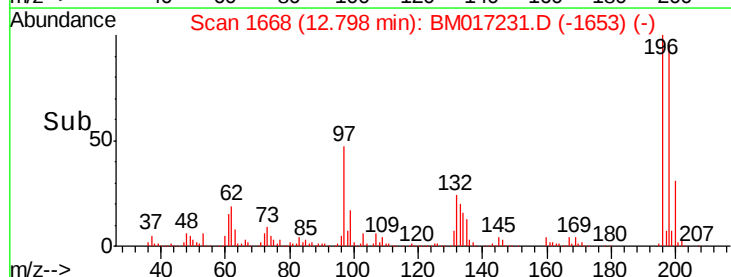
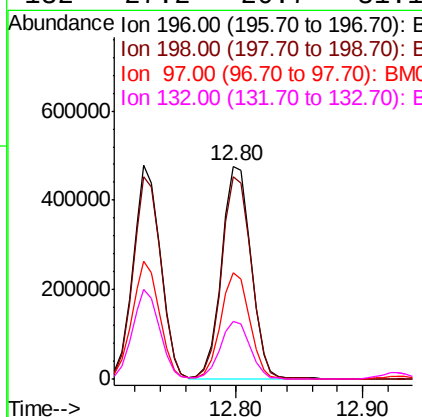
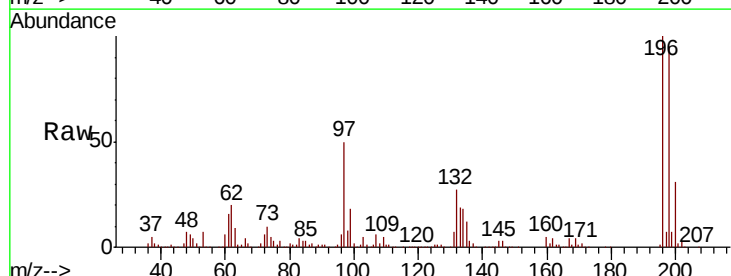
Instrument :
 BNA_M
 ClientSampleId :

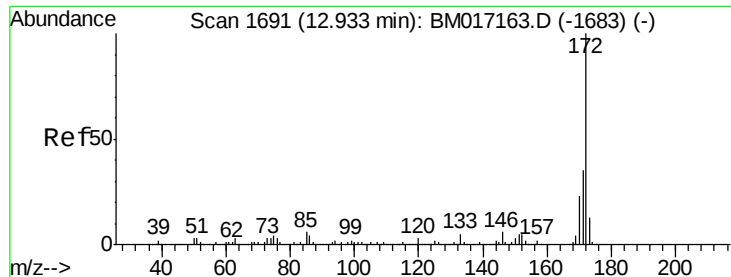
Tot Ion:196 Resp: 718919
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.1 115.7
 200 29.5 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.390 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion:196 Resp: 761214
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 115.0
 97 49.9 35.5 53.3
 132 27.2 20.7 31.1

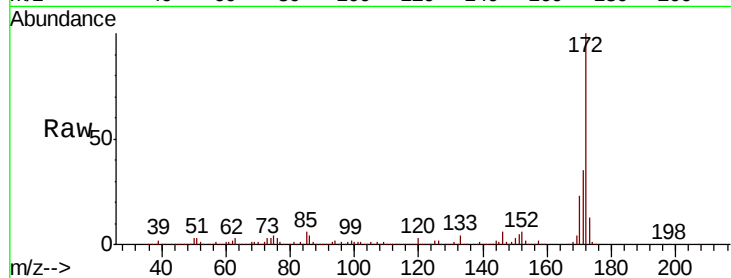




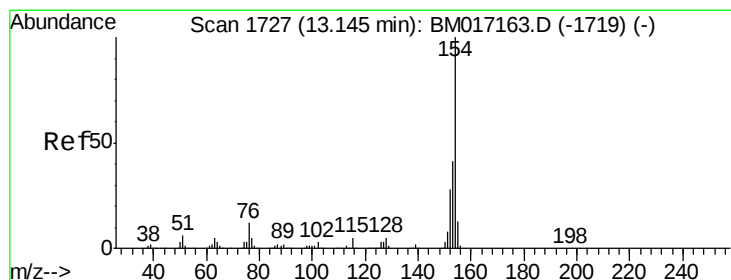
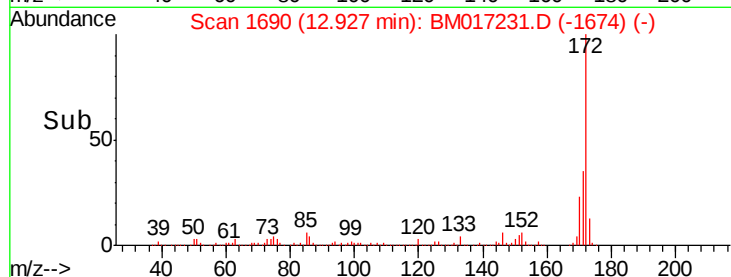
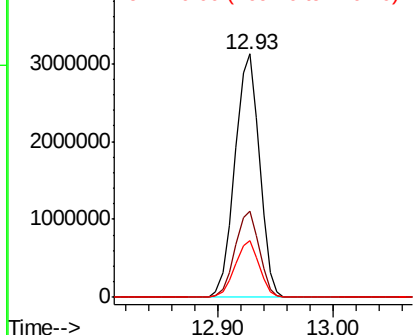
#45
2-Fluorobiphenyl
Concen: 81.610 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4591049
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.0 18.3 27.5

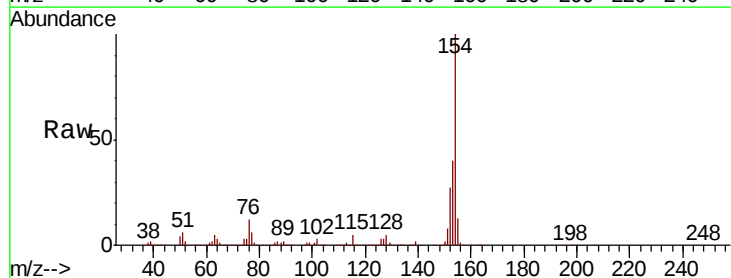


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

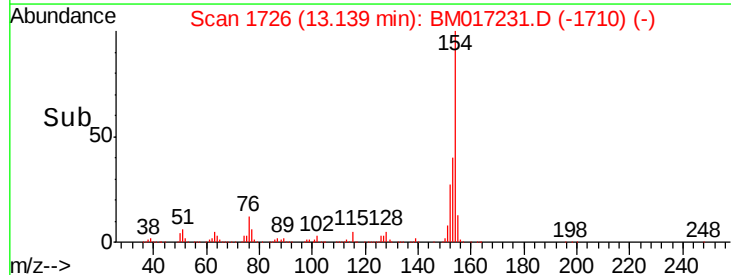
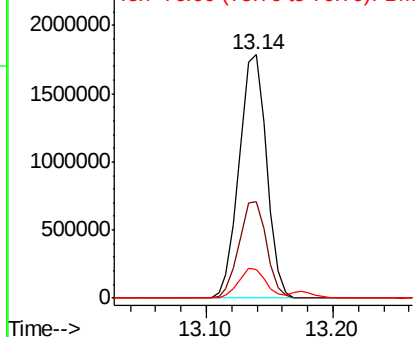


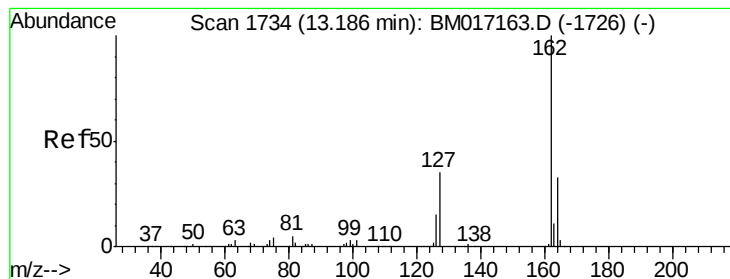
#46
1,1'-Biphenyl
Concen: 39.767 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:154 Resp: 2678631
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 11.6 0.0 31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 41.151 ng

RT: 13.17 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

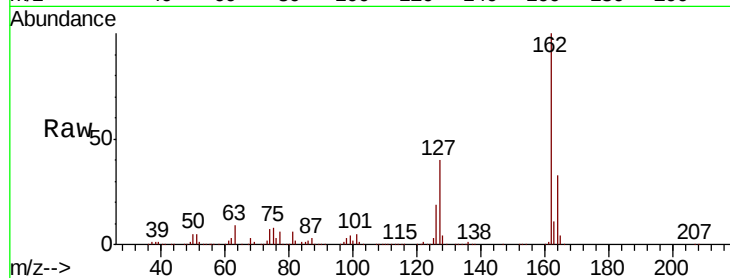
Tot Ion:162 Resp: 2039168

Ion Ratio Lower Upper

162 100

127 40.1 31.0 46.4

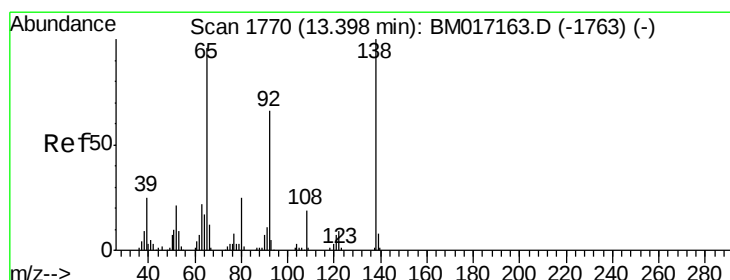
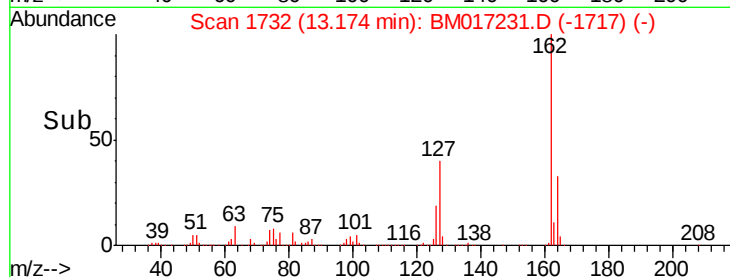
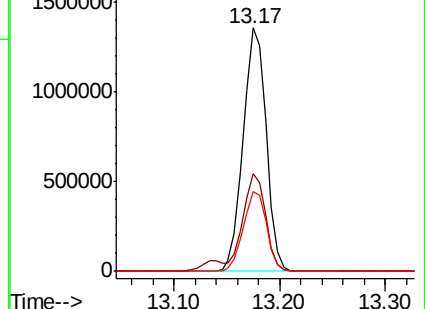
164 32.8 26.6 39.8



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: 41.795 ng

RT: 13.39 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

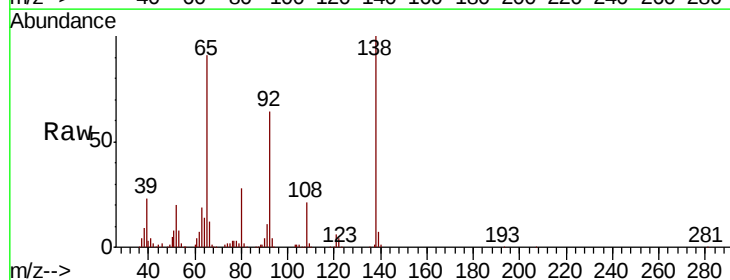
Tgt Ion: 65 Resp: 573443

Ion Ratio Lower Upper

65 100

92 70.3 54.9 82.3

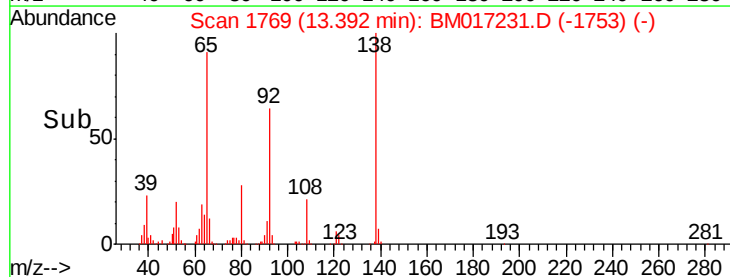
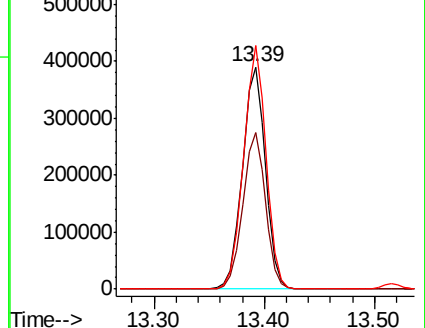
138 109.6 83.7 125.5

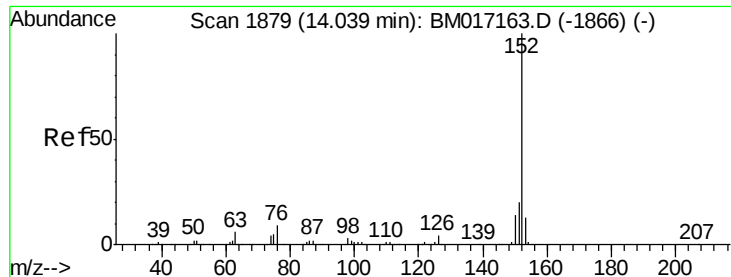


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.433 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

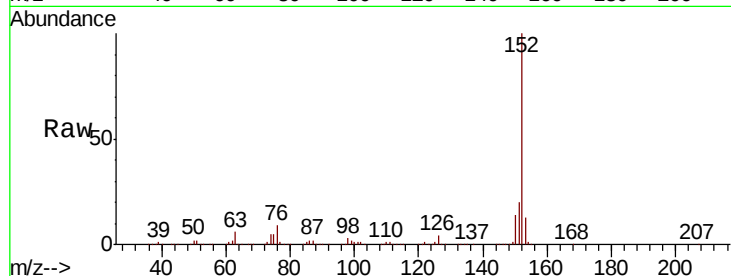
Tot Ion:152 Resp: 3263333

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

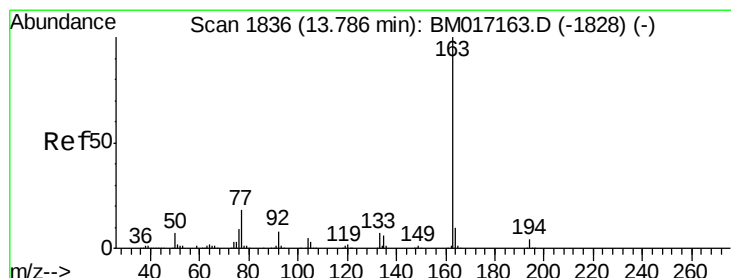
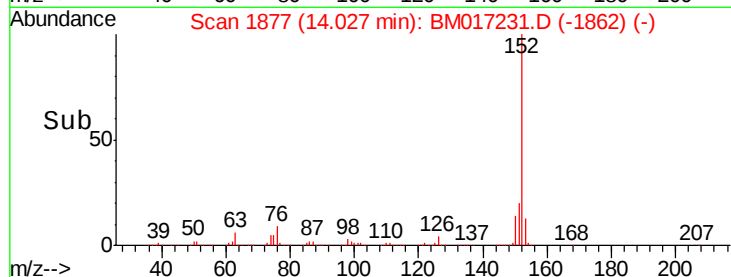
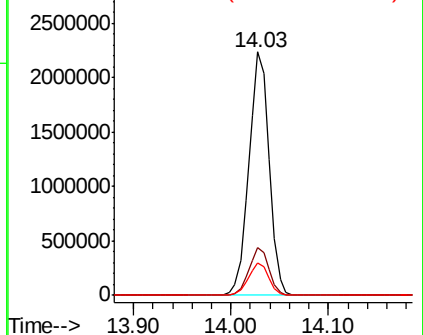
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.829 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

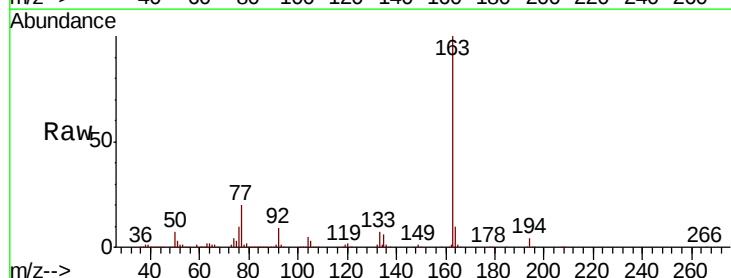
Tgt Ion:163 Resp: 2415566

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

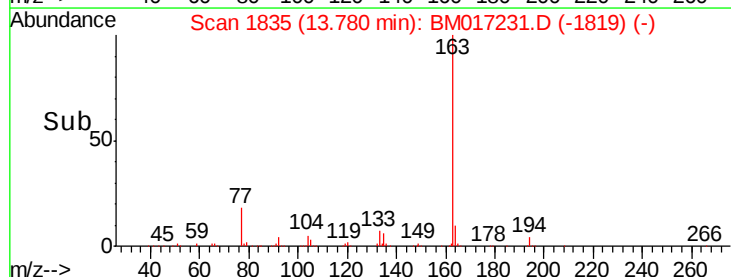
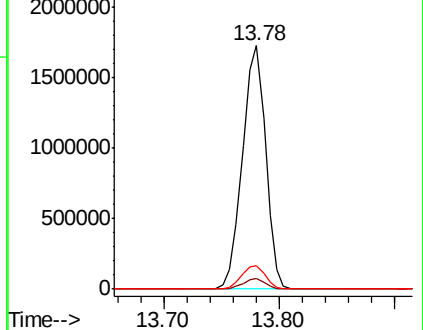
164 9.8 7.8 11.8

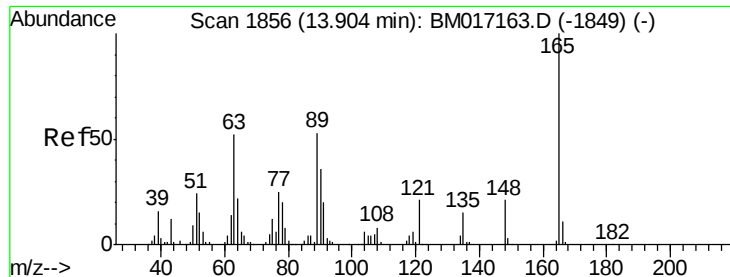


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

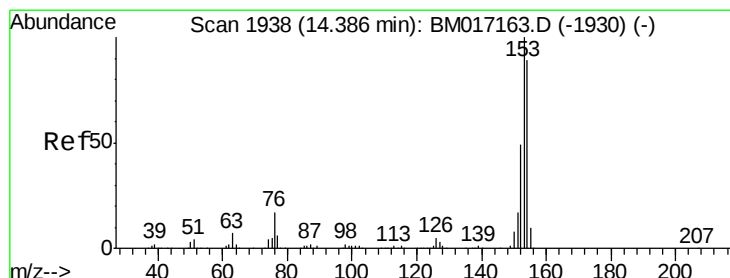
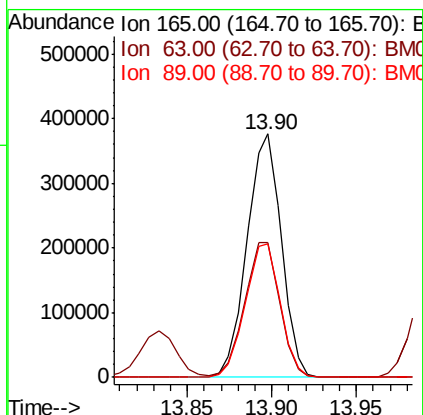
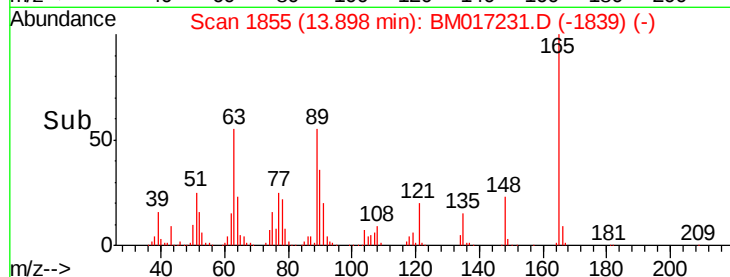
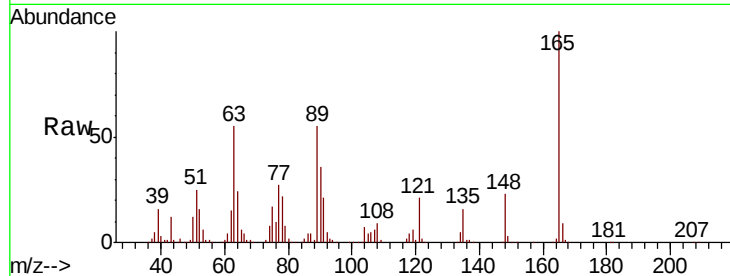




#51
2,6-Dinitrotoluene
Concen: 42.020 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

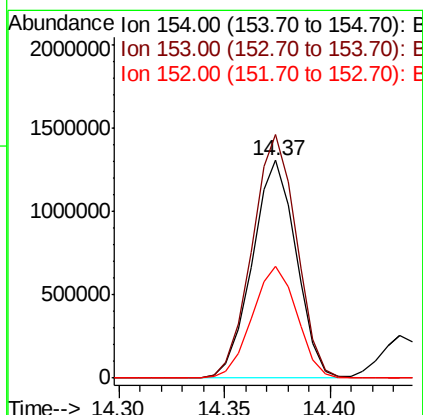
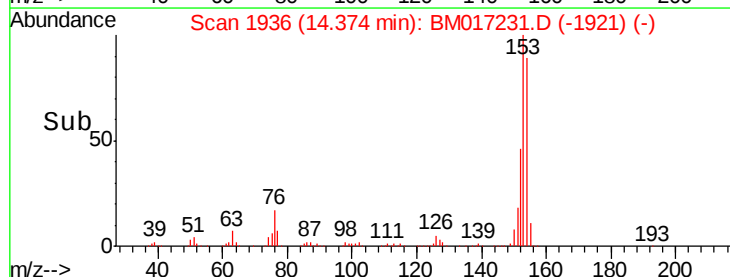
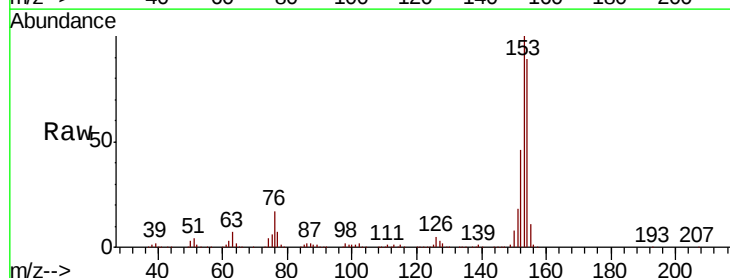
Instrument :
BNA_M
ClientSampled :

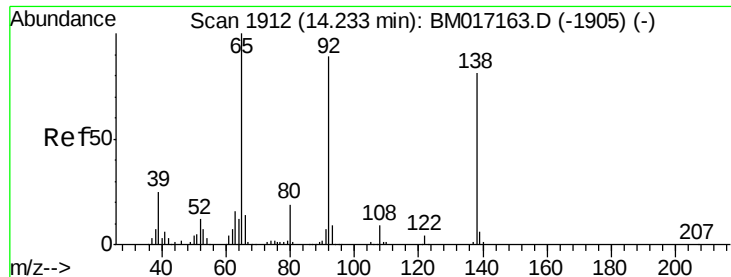
Tot Ion:165 Resp: 534080
Ion Ratio Lower Upper
165 100
63 55.5 42.7 64.1
89 54.7 42.1 63.1



#52
Acenaphthene
Concen: 42.033 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:154 Resp: 1895639
Ion Ratio Lower Upper
154 100
153 111.8 90.2 135.2
152 51.6 44.2 66.4

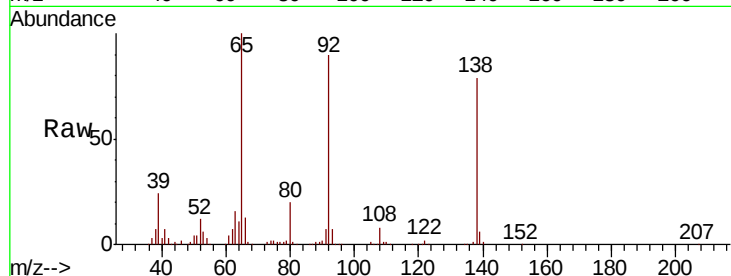




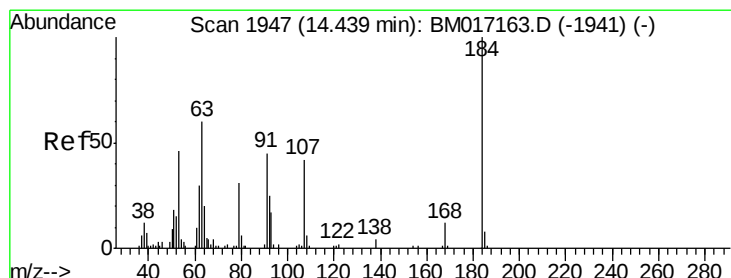
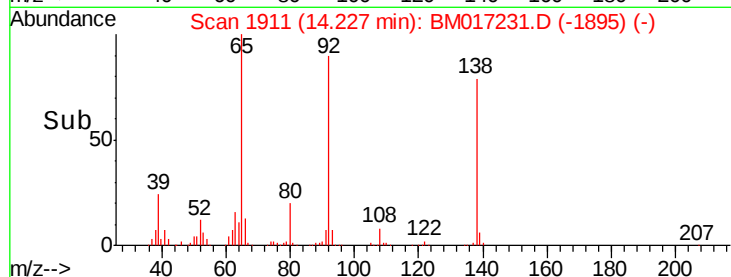
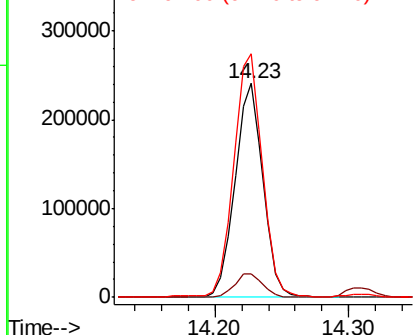
#53
3-Nitroaniline
Concen: 25.481 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 350768
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 113.9 87.9 131.9

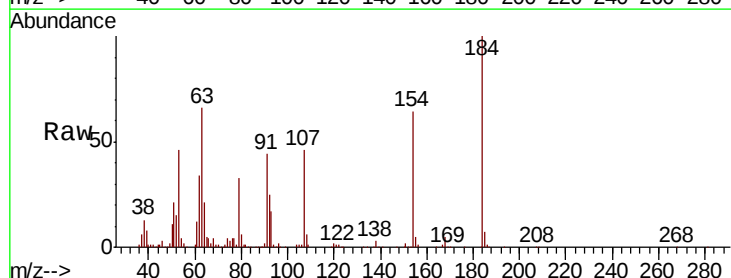


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

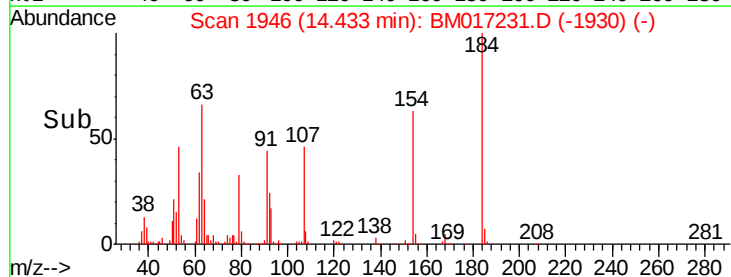
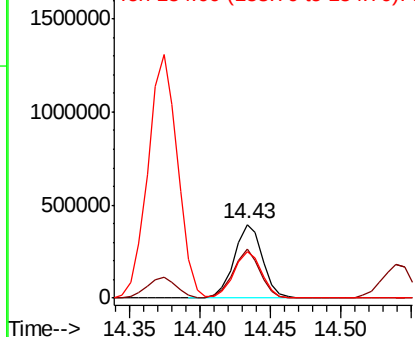


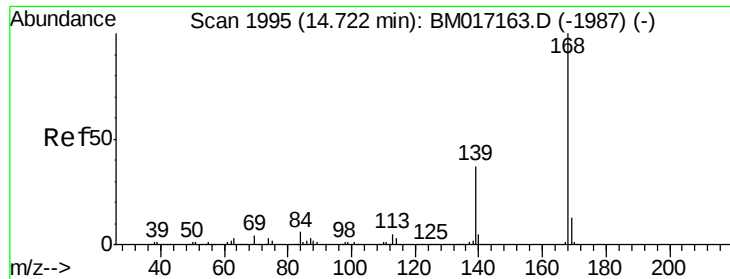
#54
2,4-Dinitrophenol
Concen: 74.797 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:184 Resp: 553267
Ion Ratio Lower Upper
184 100
63 66.2 51.2 76.8
154 63.7 47.8 71.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

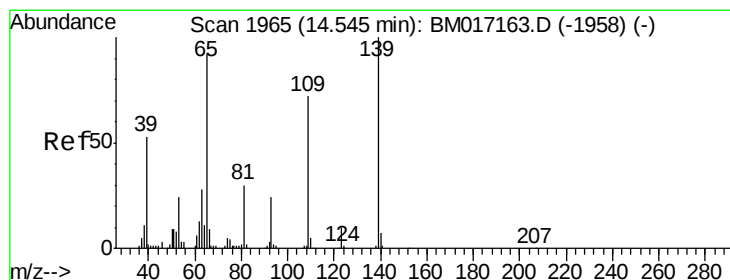
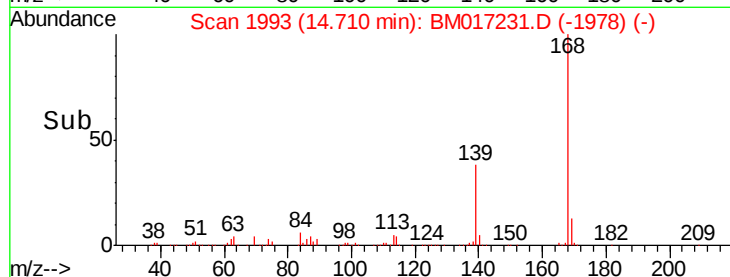
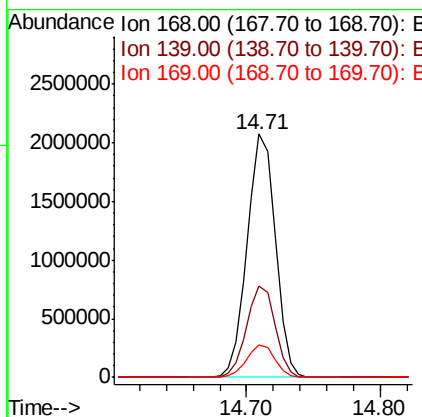
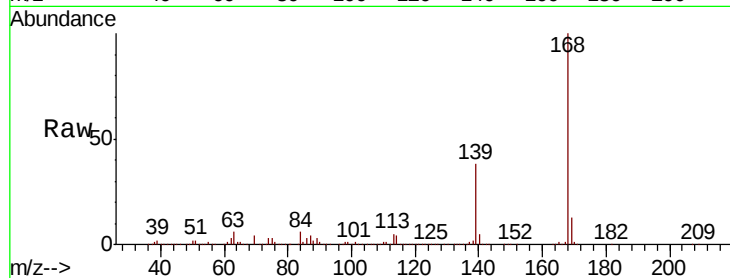




#55
Dibenzofuran
Concen: 40.224 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

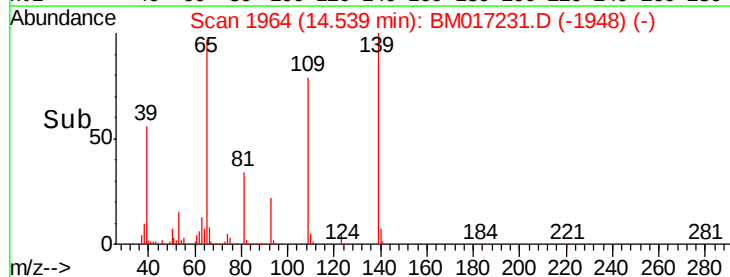
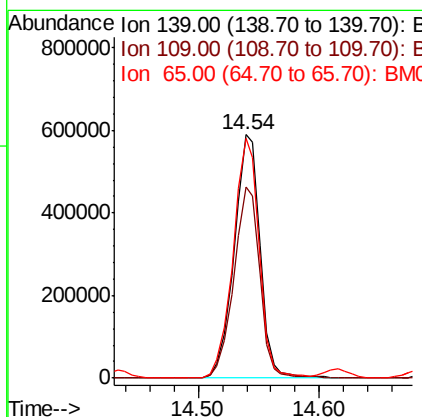
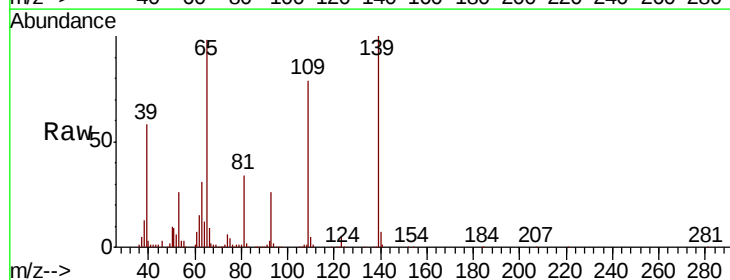
Instrument :
BNA_M
ClientSampleId :

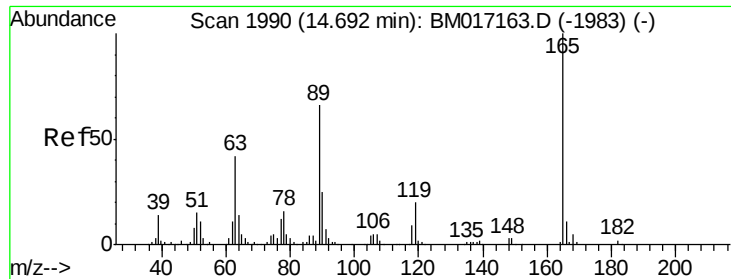
Tot Ion:168 Resp: 3016708
Ion Ratio Lower Upper
168 100
139 37.7 29.3 43.9
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 71.124 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:139 Resp: 885329
Ion Ratio Lower Upper
139 100
109 78.7 51.8 91.8
65 98.2 72.1 112.1

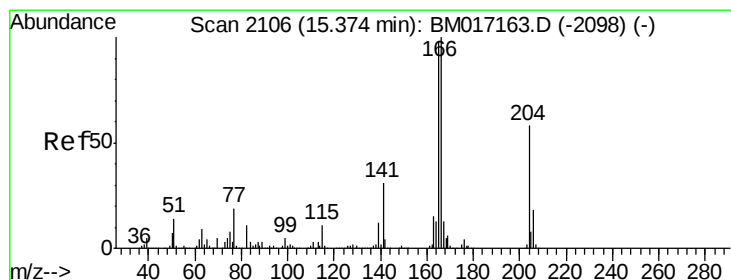
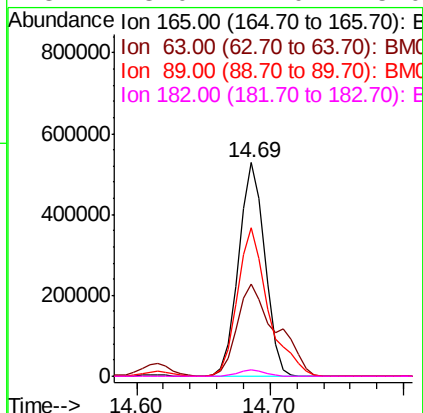
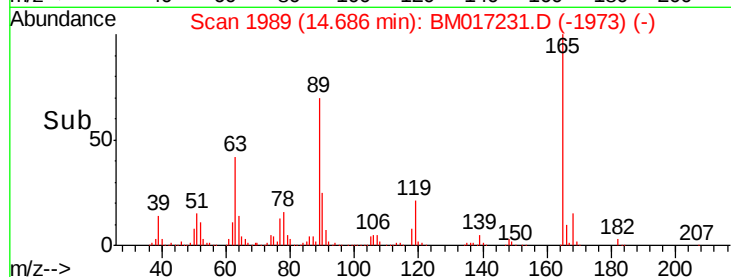
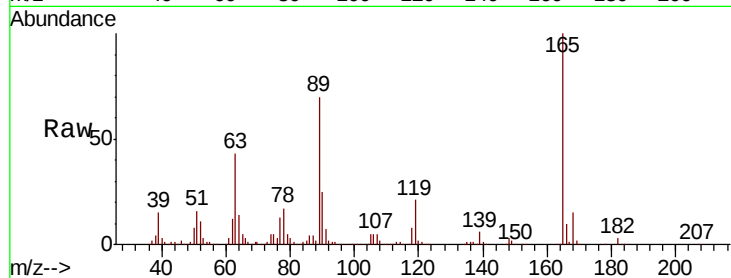




#57
2,4-Dinitrotoluene
Concen: 42.164 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

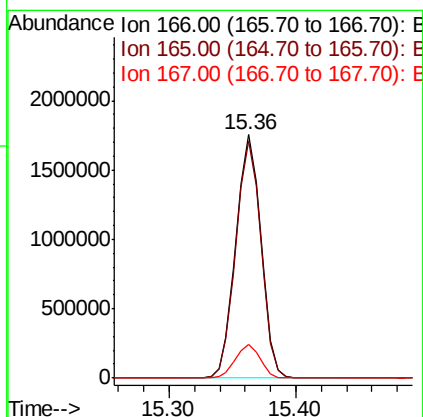
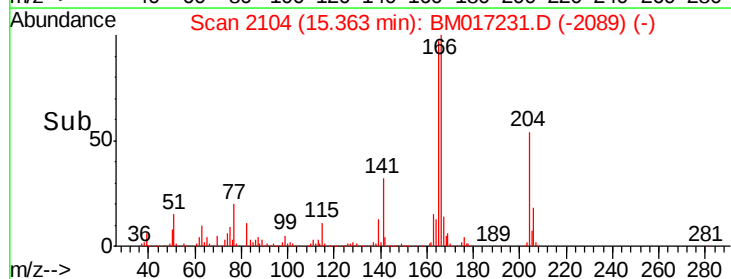
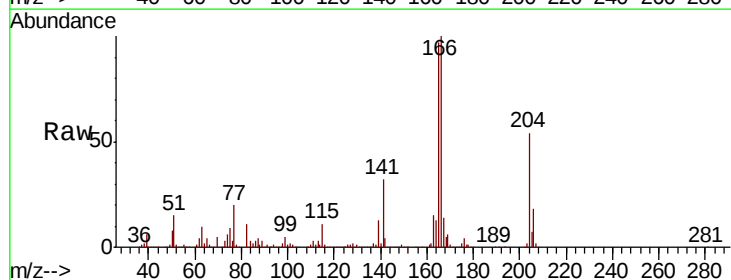
Instrument :
BNA_M
ClientSampleId :

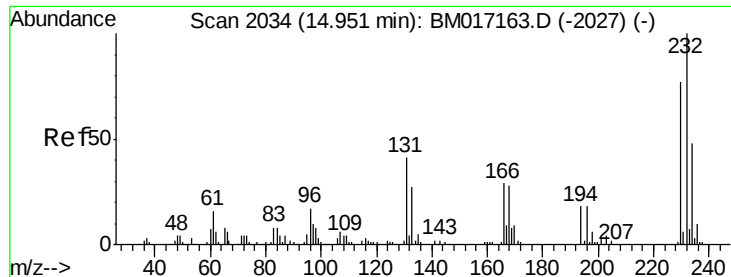
Tot Ion:165	Resp:	720285
Ion Ratio	Lower	Upper
165	100	
63	43.0	33.8 50.8
89	69.6	53.1 79.7
182	3.0	2.0 3.0#



#58
Fluorene
Concen: 43.351 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:166	Resp:	2406478
Ion Ratio	Lower	Upper
166	100	
165	97.2	78.1 117.1
167	13.7	10.6 16.0

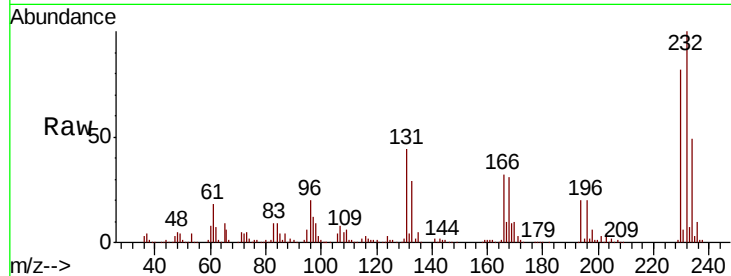




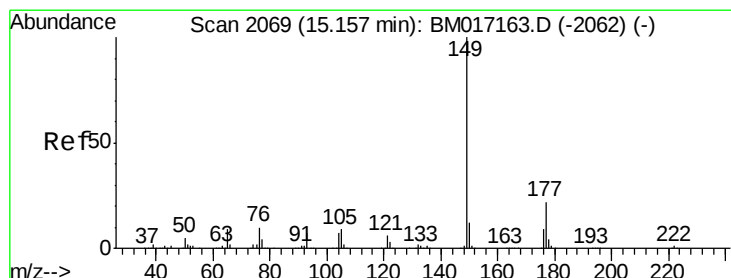
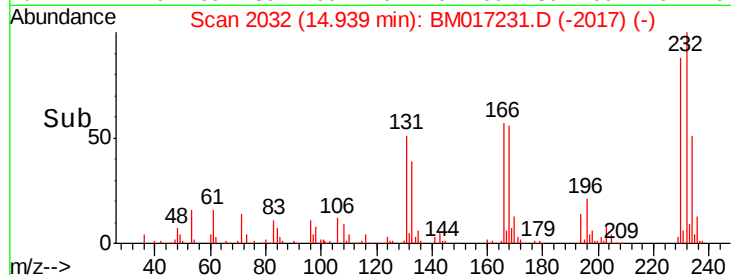
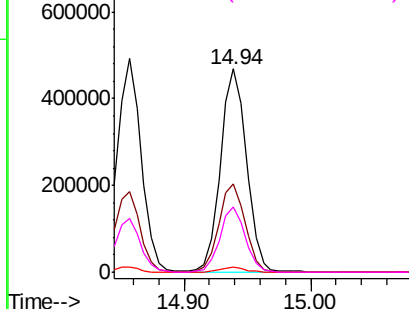
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.352 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.1	49.7
130	2.5	1.7	2.5
166	31.3	24.4	36.6

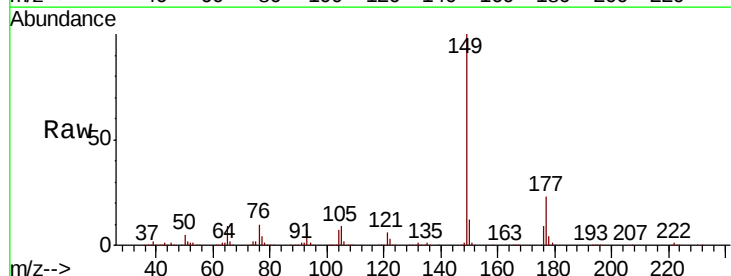


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

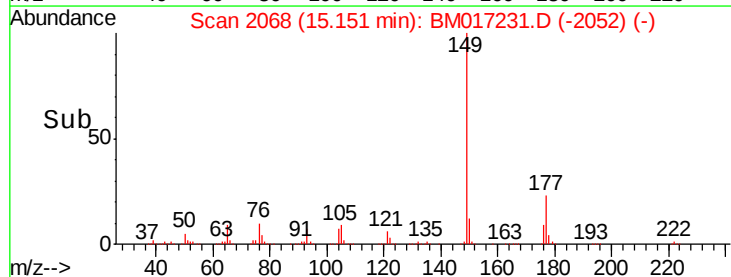
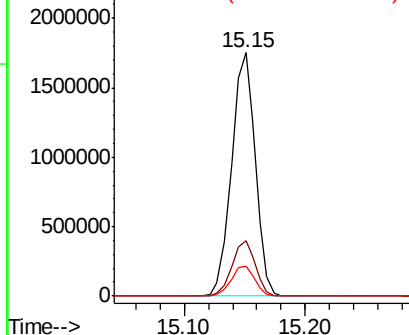


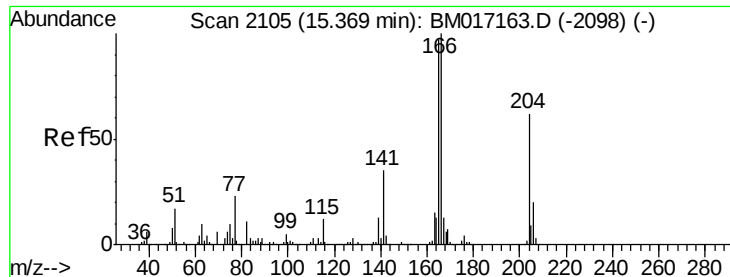
#60
Diethylphthalate
Concen: 41.709 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.3	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

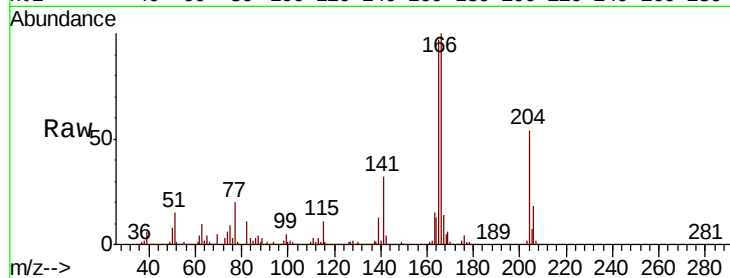




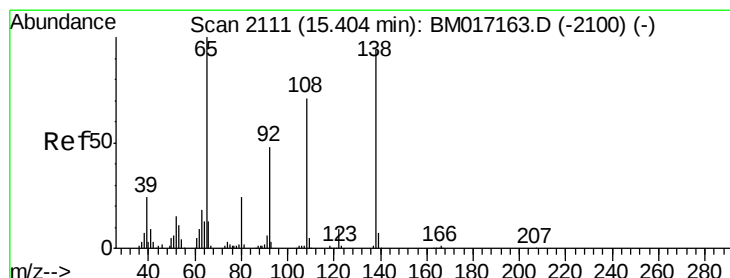
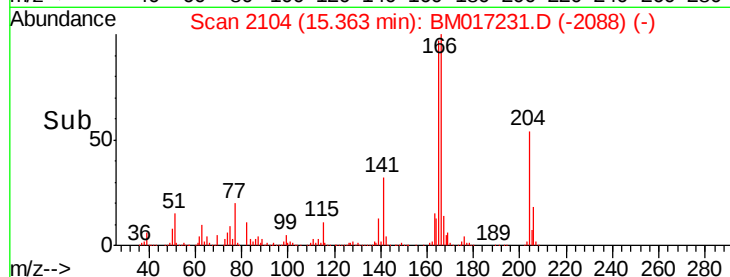
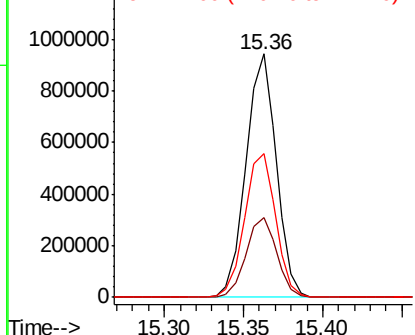
#61
4-Chlorophenyl-phenylether
Concen: 39.487 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1249633
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 59.1 45.4 68.2

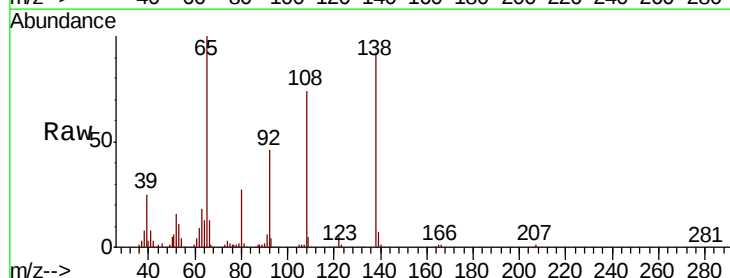


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

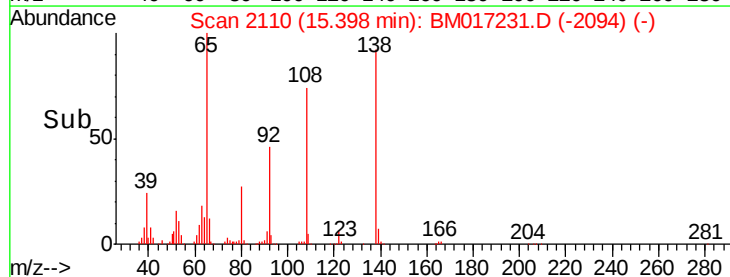
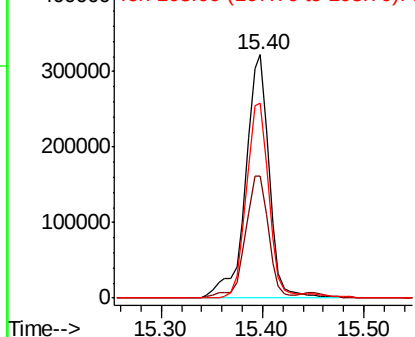


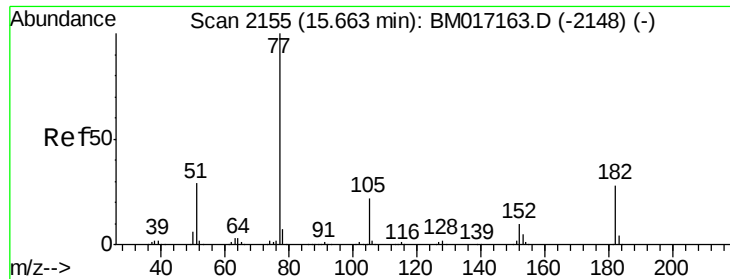
#62
4-Nitroaniline
Concen: 35.251 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:138 Resp: 520004
Ion Ratio Lower Upper
138 100
92 50.1 31.2 71.2
108 80.0 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

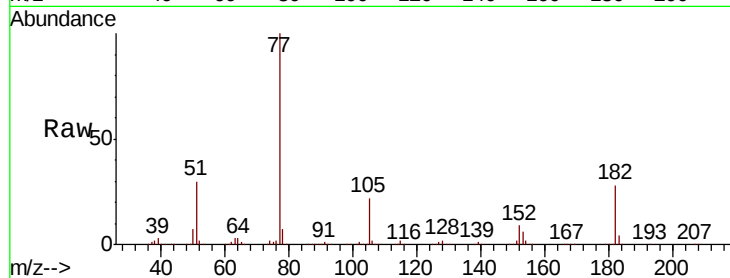




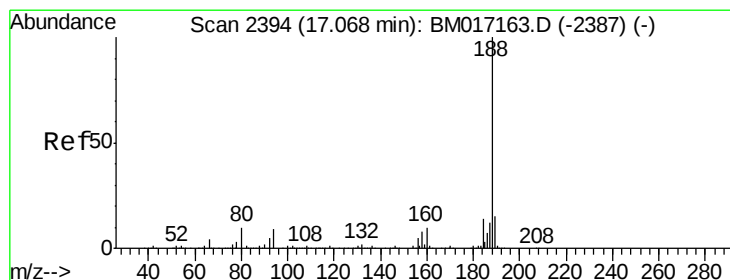
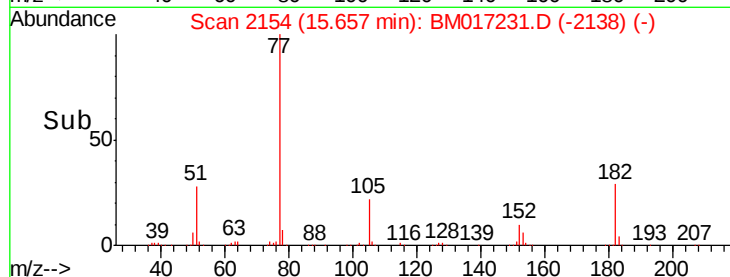
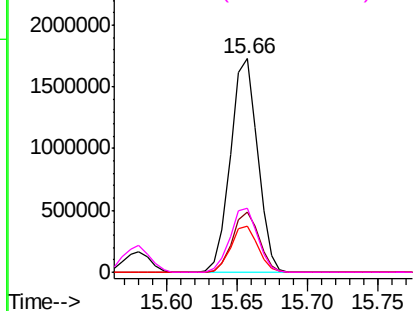
#63
Azobenzene
Concen: 41.605 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 2315934
Ion Ratio Lower Upper
77 100
182 28.2 8.3 48.3
105 21.5 1.5 41.5
51 30.1 8.8 48.8

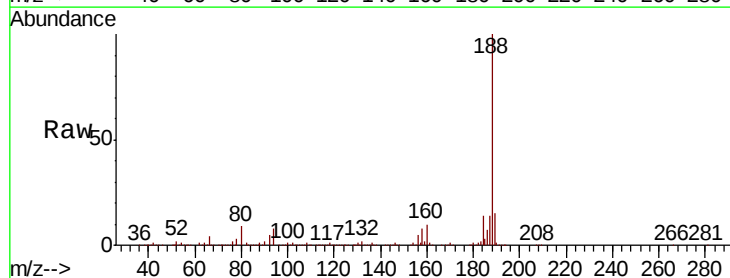


Abundance Ion 77.00 (76.70 to 77.70): BM017231.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017231.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017231.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017231.D (-2148) (-)

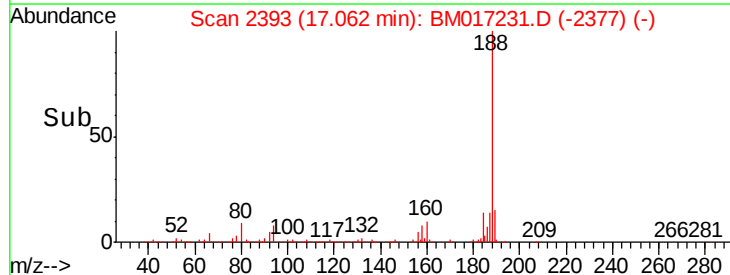
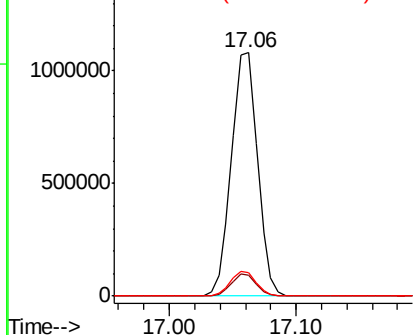


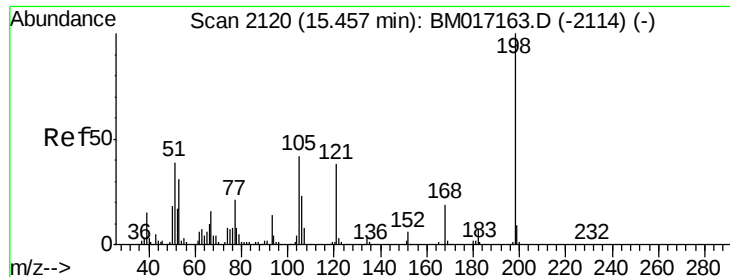
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion: 188 Resp: 1543305
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017231.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017231.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017231.D (-2387) (-)

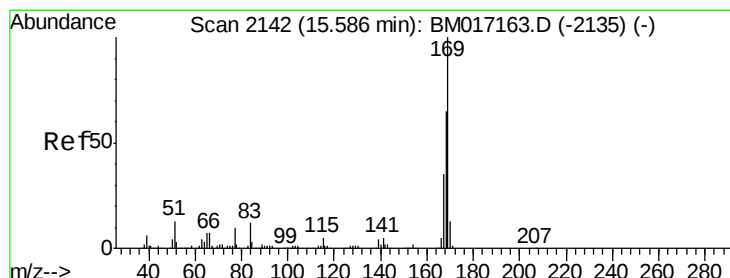
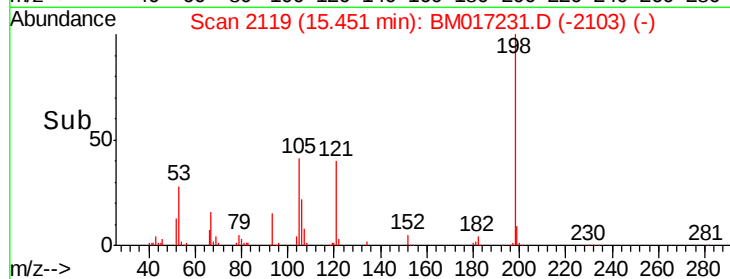
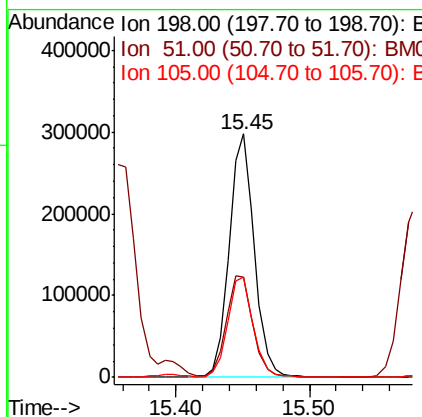
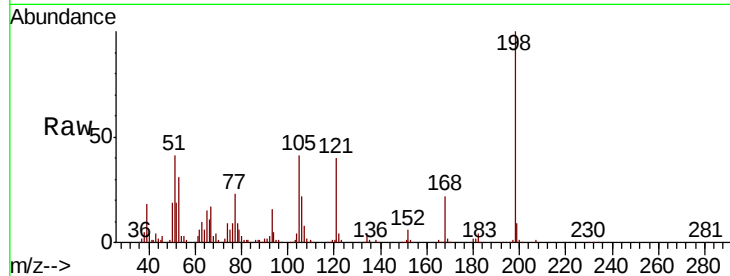




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.802 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

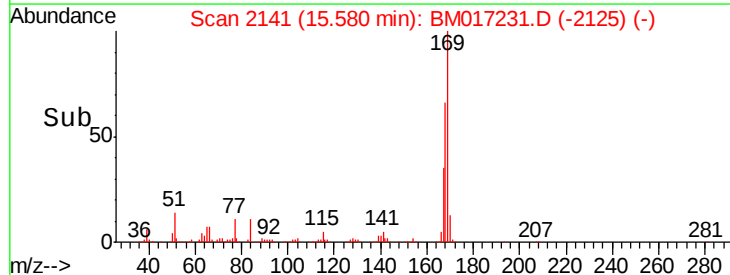
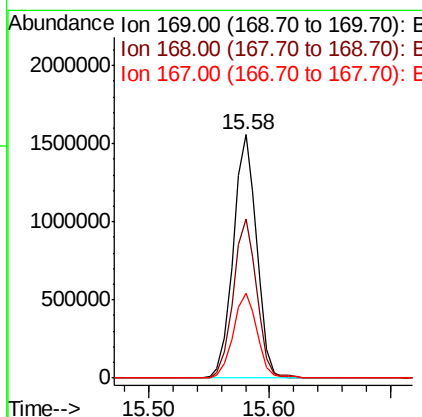
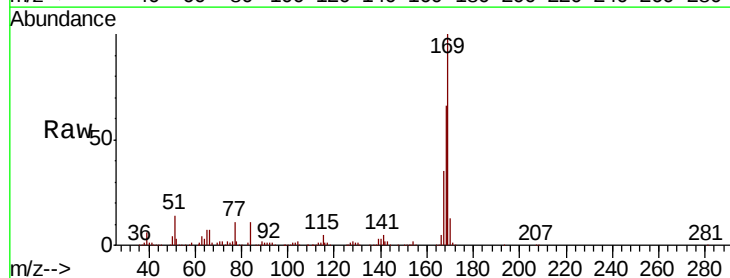
Instrument :
 BNA_M
 ClientSampleId :

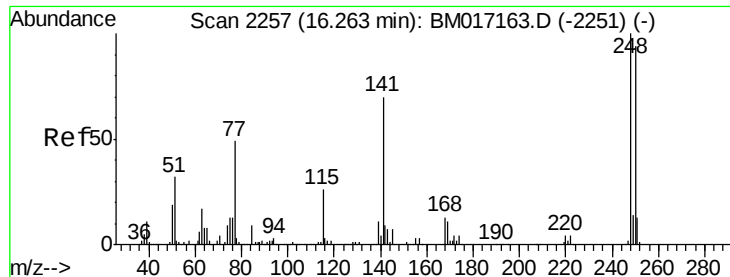
Tot Ion:198 Resp: 392179
 Ion Ratio Lower Upper
 198 100
 51 41.4 20.3 60.3
 105 41.0 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 44.841 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion:169 Resp: 2093755
 Ion Ratio Lower Upper
 169 100
 168 65.6 52.2 78.4
 167 34.9 28.4 42.6

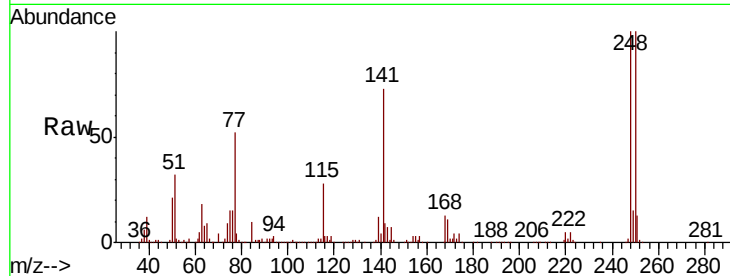




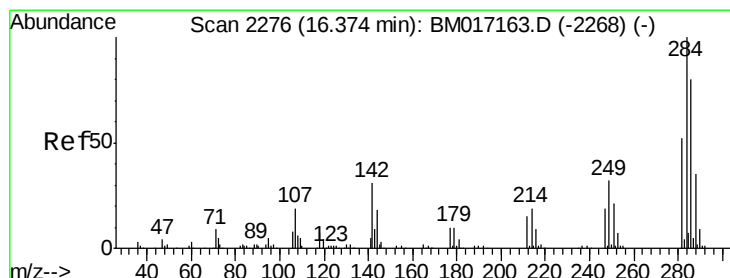
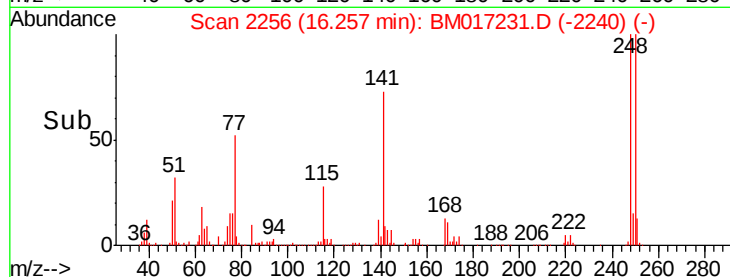
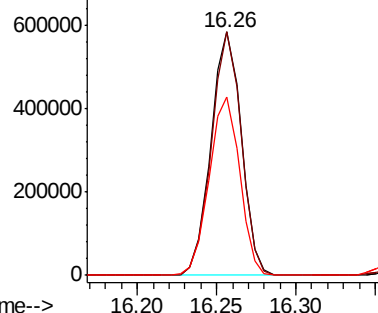
#67
4-Bromophenyl-phenylether
Concen: 45.683 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 774133
Ion Ratio Lower Upper
248 100
250 100.0 75.1 112.7
141 73.4 55.6 83.4

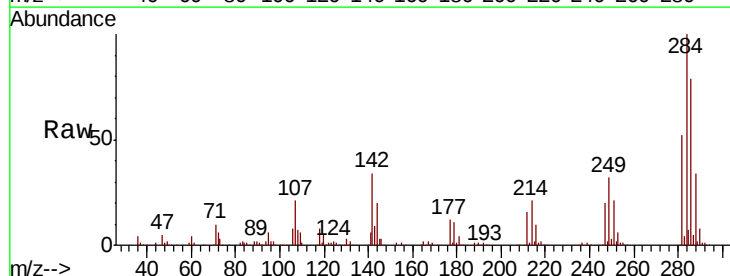


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

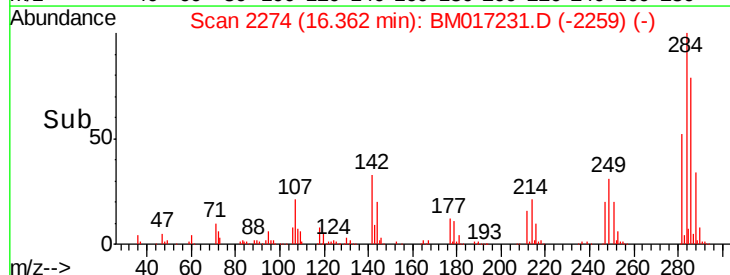
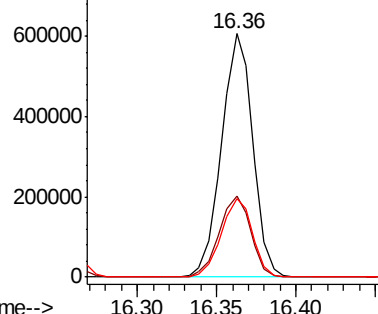


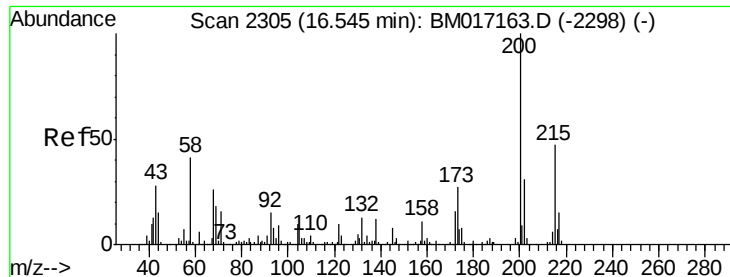
#68
Hexachlorobenzene
Concen: 42.038 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:284 Resp: 827475
Ion Ratio Lower Upper
284 100
142 33.6 25.0 37.6
249 32.3 25.5 38.3



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





#69

Atrazine

Concen: 43.054 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

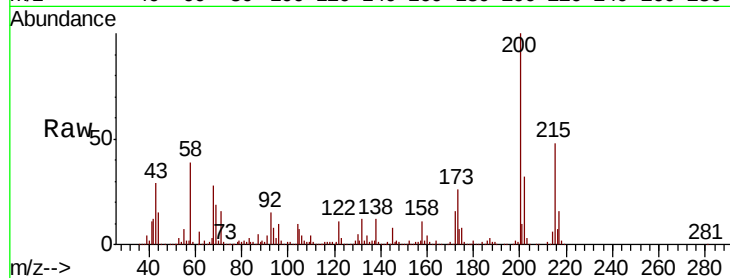
Tot Ion:200 Resp: 719492

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

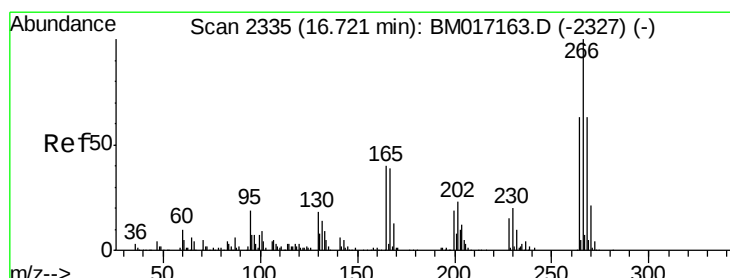
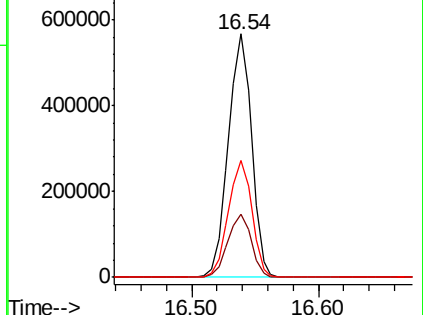
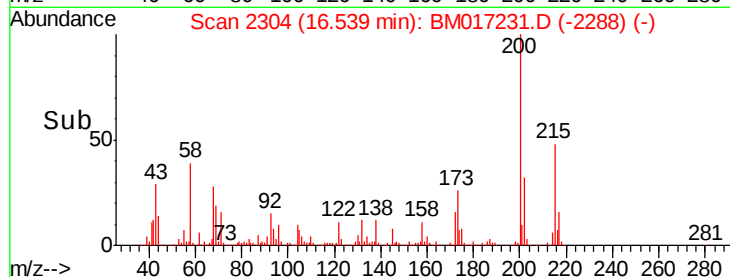
215 48.0 27.3 67.3



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: 70.709 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

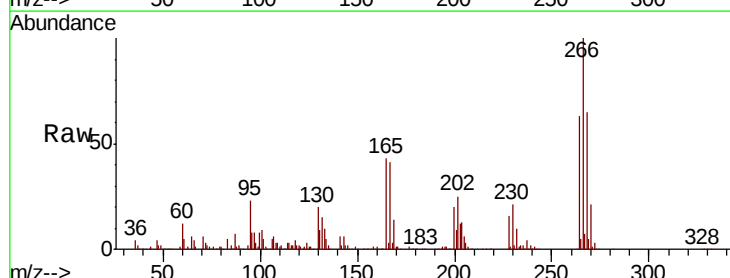
Tgt Ion:266 Resp: 953447

Ion Ratio Lower Upper

266 100

268 64.6 50.7 76.1

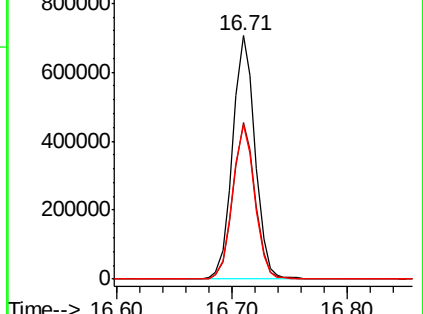
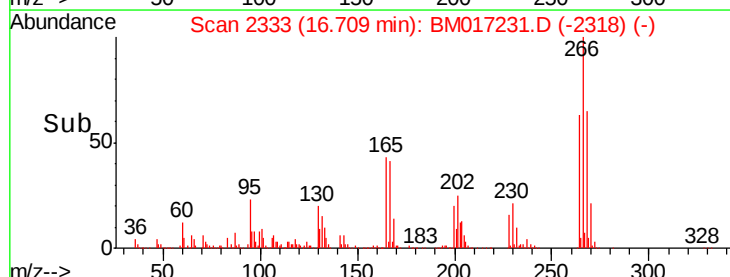
264 63.3 50.4 75.6

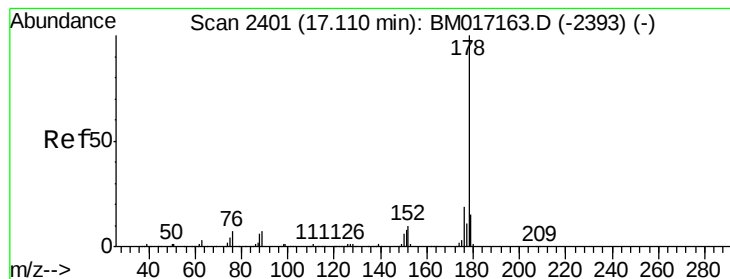


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.155 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

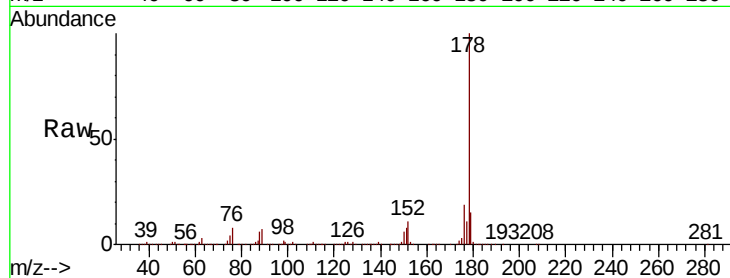
Tot Ion:178 Resp: 3593334

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

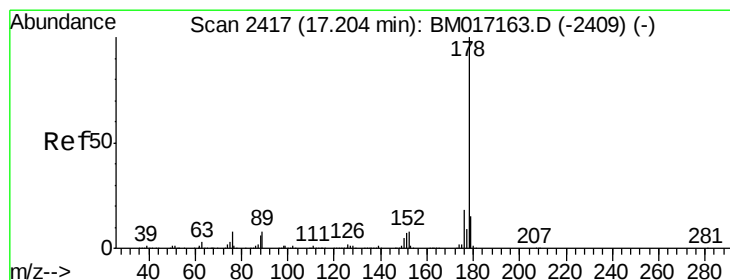
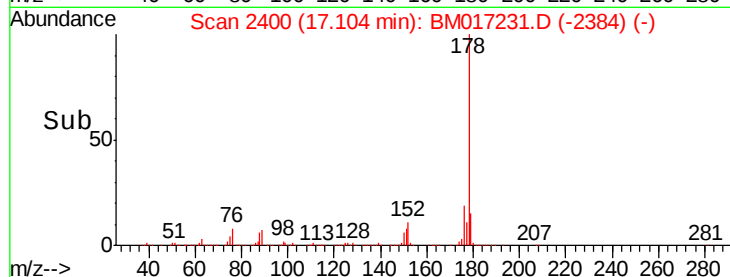
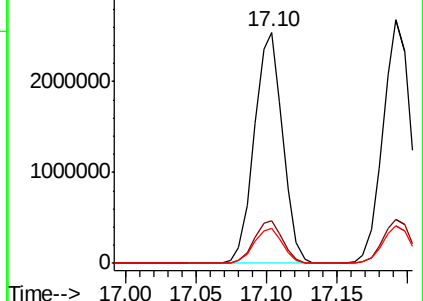
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.381 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

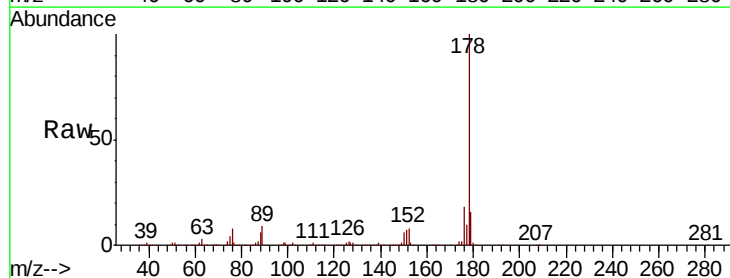
Tgt Ion:178 Resp: 3669600

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

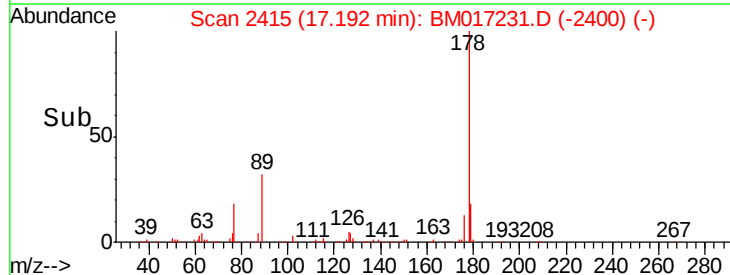
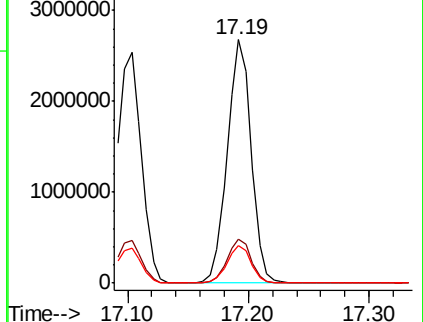
179 15.6 12.2 18.2

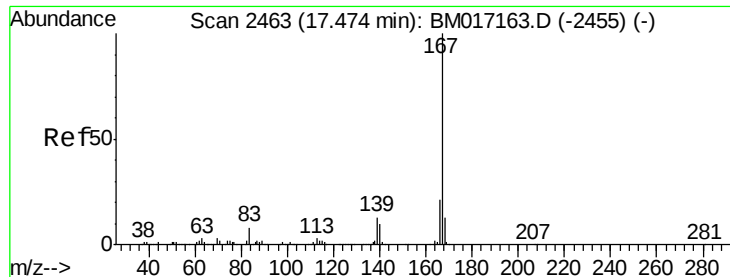


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

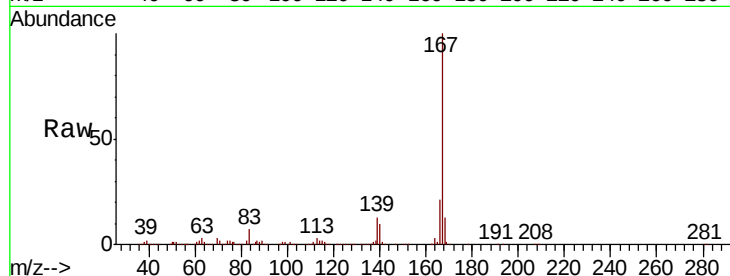




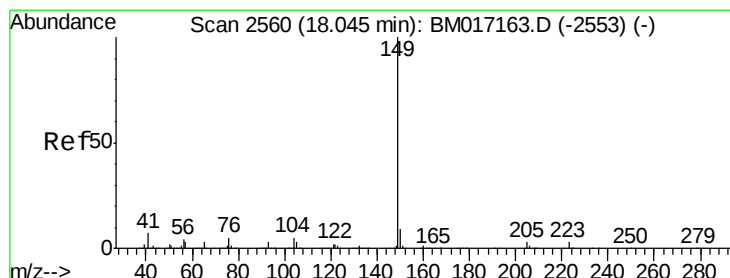
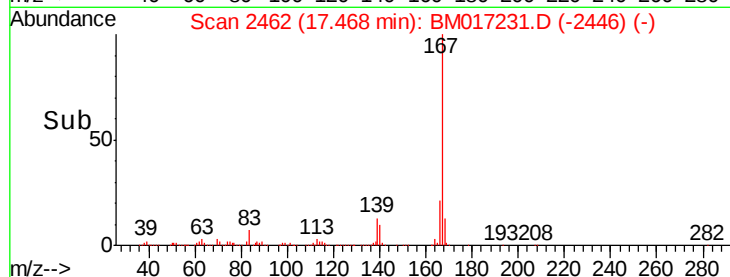
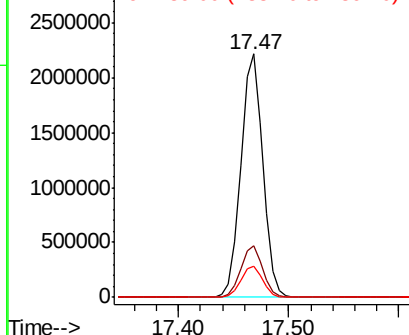
#73
 Carbazole
 Concen: 38.407 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3104028
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.7 10.1 15.1

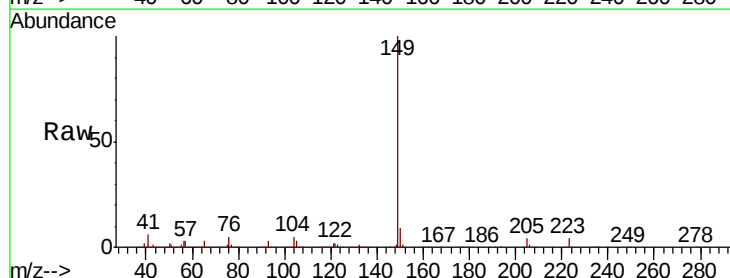


Abundance Ion 167.00 (166.70 to 167.70): E
 3000000 Ion 166.00 (165.70 to 166.70): E
 2500000 Ion 139.00 (138.70 to 139.70): E

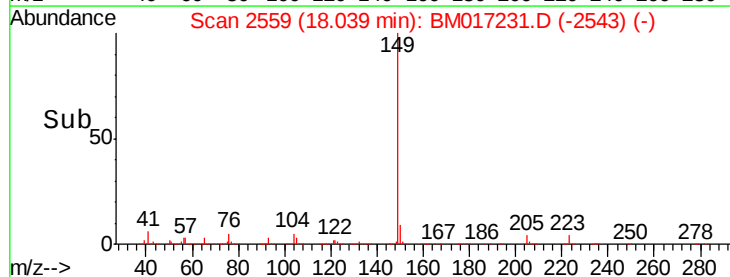
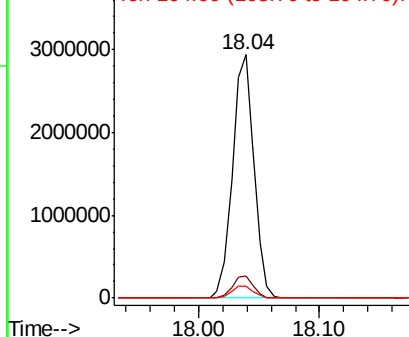


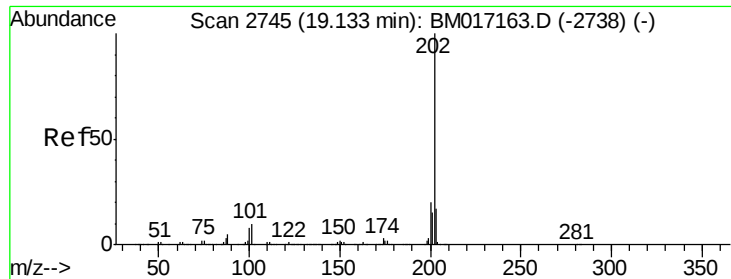
#74
 Di-n-butylphthalate
 Concen: 42.505 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion:149 Resp: 3623179
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.8 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 4000000 Ion 150.00 (149.70 to 150.70): E
 3000000 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.175 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

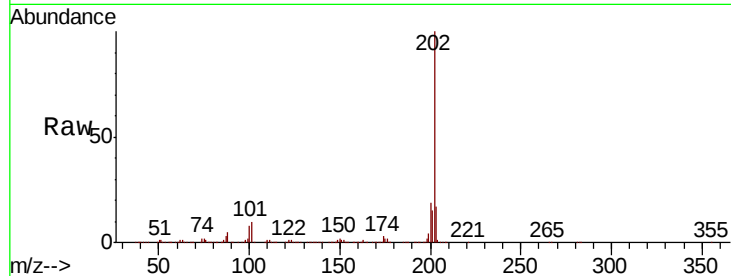
Tot Ion:202 Resp: 3764222

Ion Ratio Lower Upper

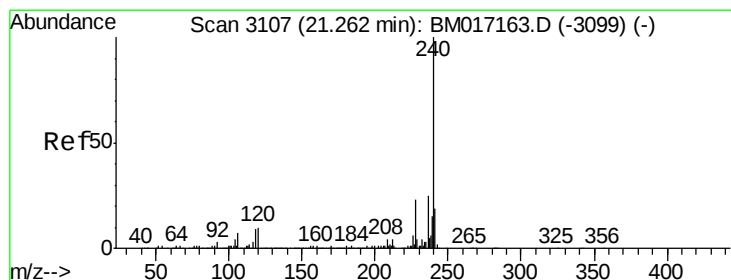
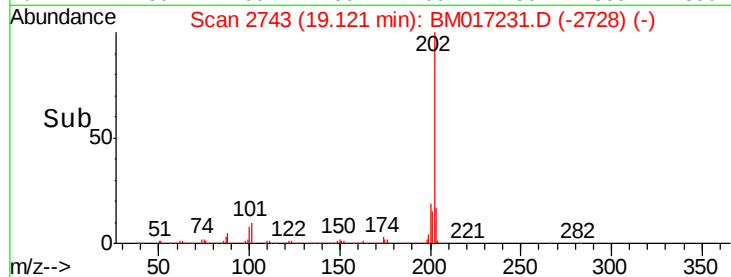
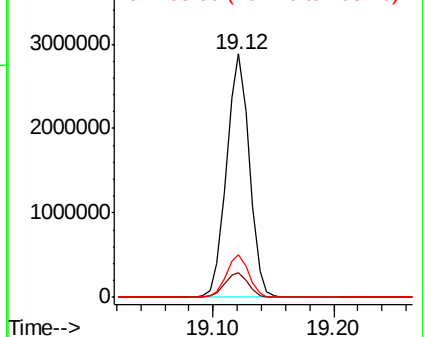
202 100

101 10.2 0.0 30.0

203 17.5 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: BM017231.D

Acq: 19 Oct 2018 15:50

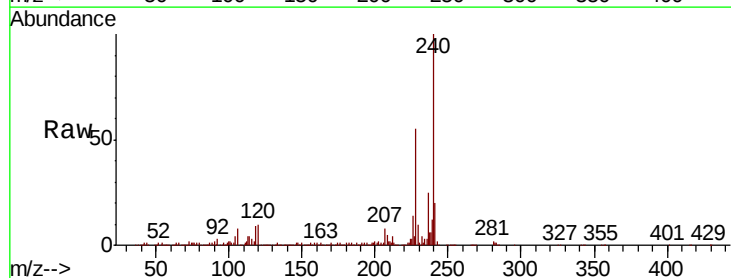
Tgt Ion:240 Resp: 1259598

Ion Ratio Lower Upper

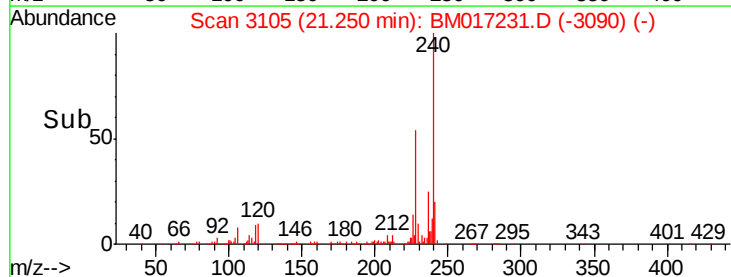
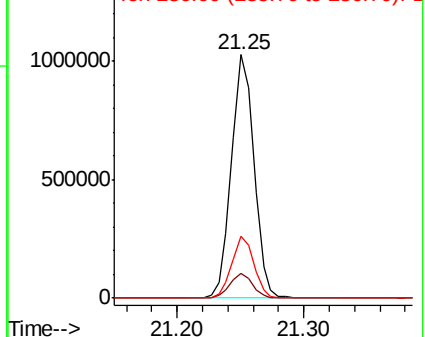
240 100

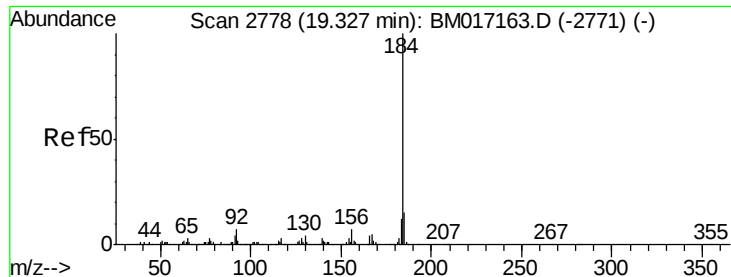
120 10.2 8.1 12.1

236 25.4 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: 54.453 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

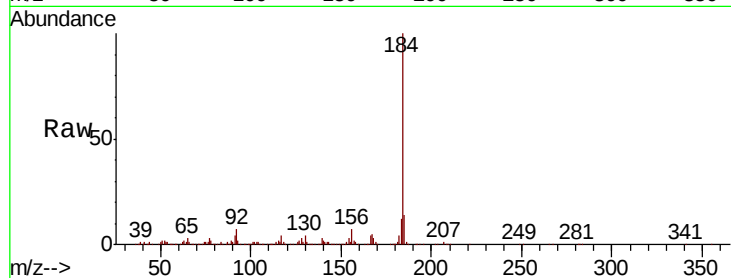
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1739190

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	11.7	9.7	14.5

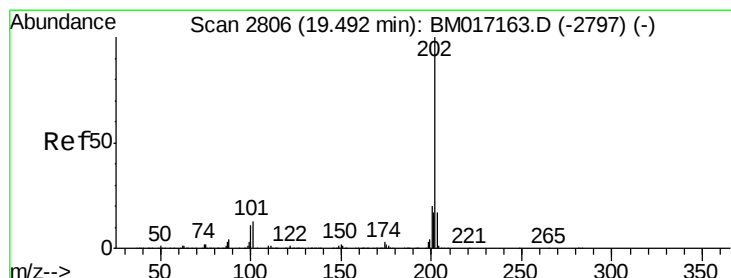
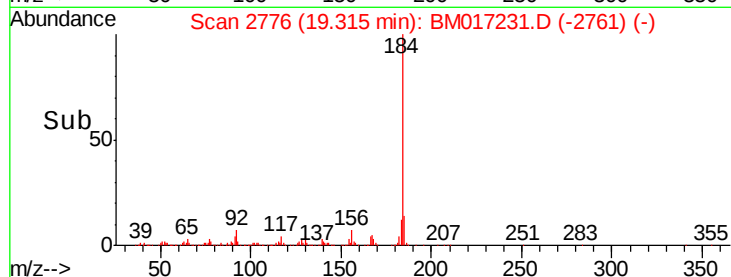
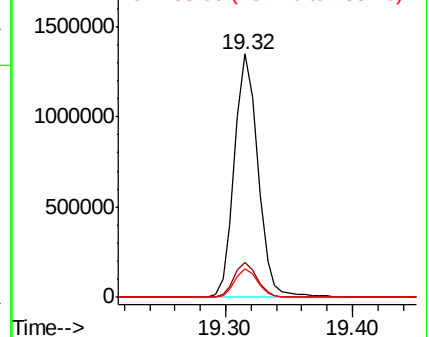


Abundance

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: 53.211 ng

RT: 19.49 min Scan# 2805

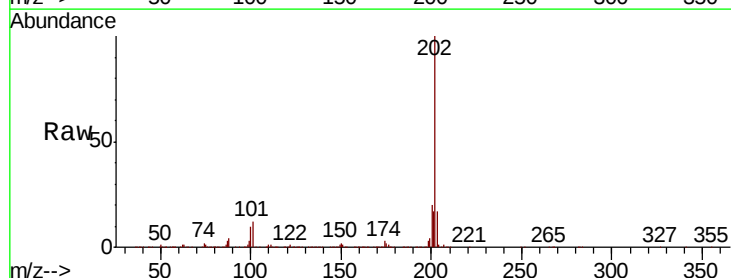
Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:202 Resp: 3746029

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.4	13.9	20.9

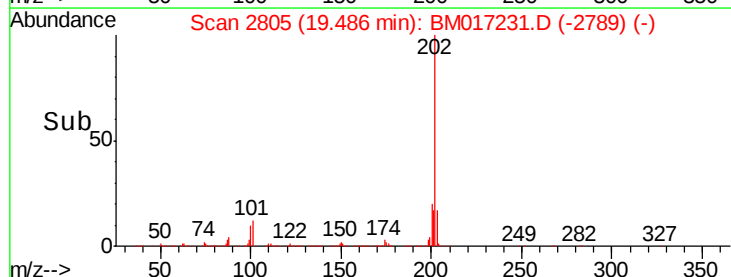
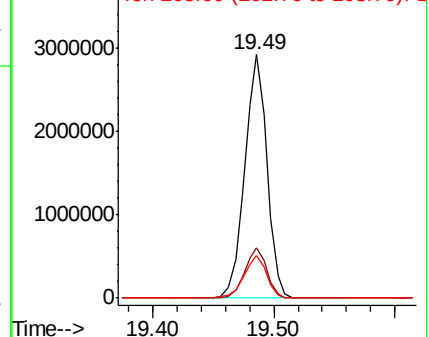


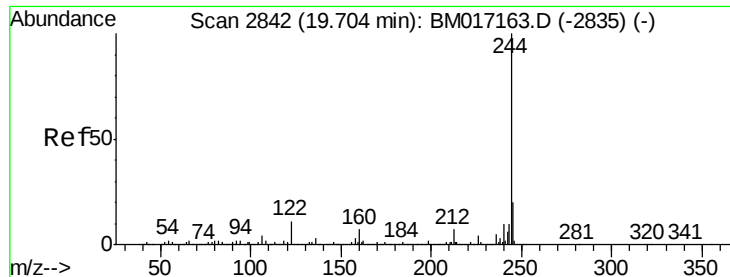
Abundance

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



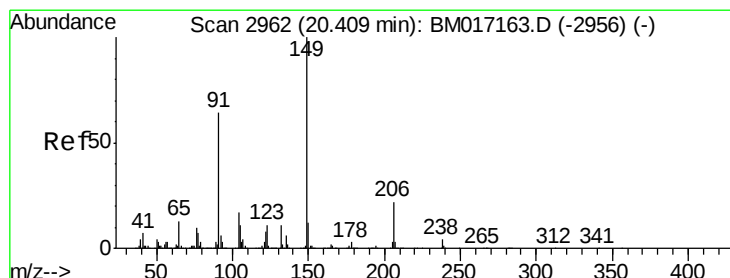
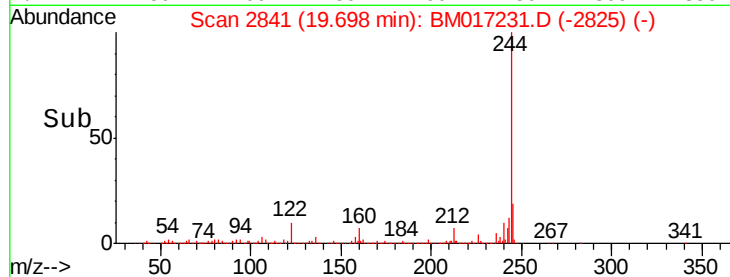
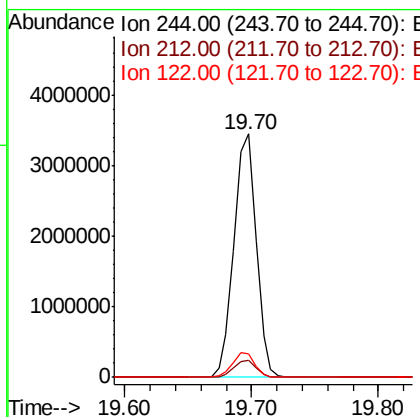
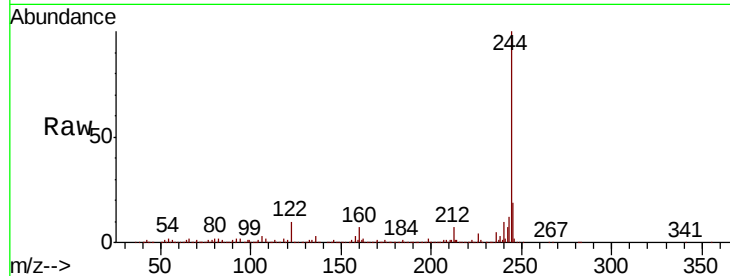


#79
 Terphenyl-d14
 Concen: 74.846 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 4182587

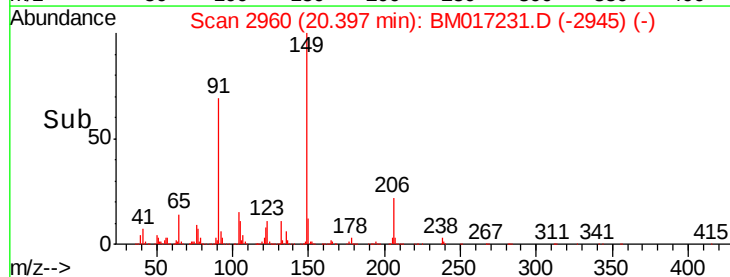
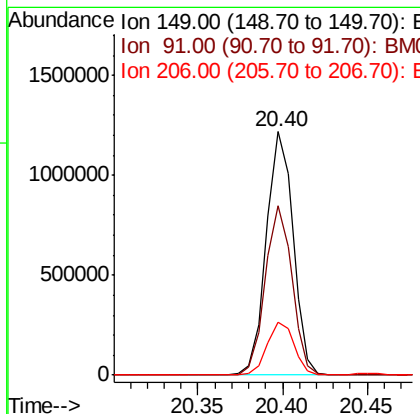
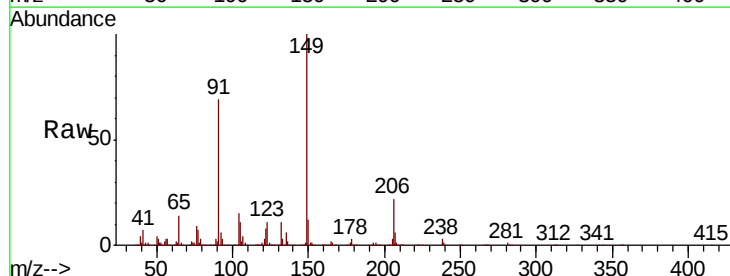
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.6	8.4	12.6

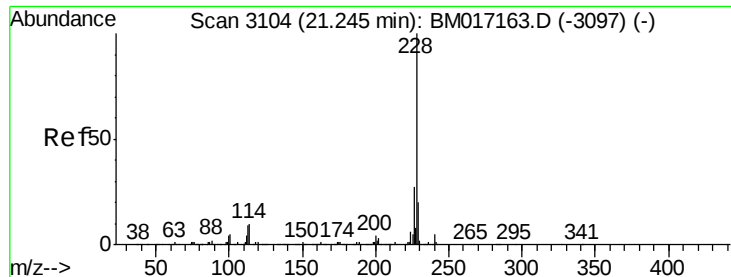


#80
 Butylbenzylphthalate
 Concen: 49.707 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion:149 Resp: 1339639

Ion	Ratio	Lower	Upper
149	100		
91	69.5	51.3	76.9
206	21.9	18.0	27.0

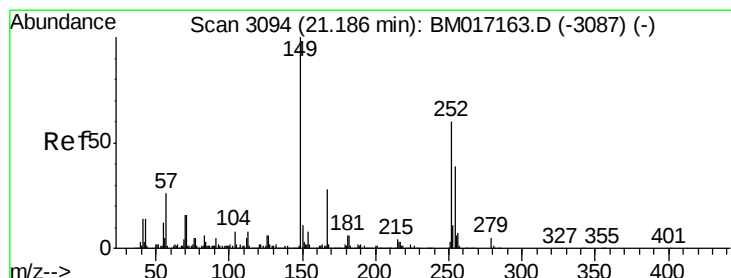
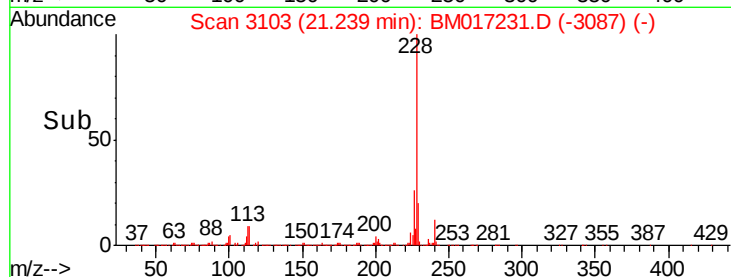
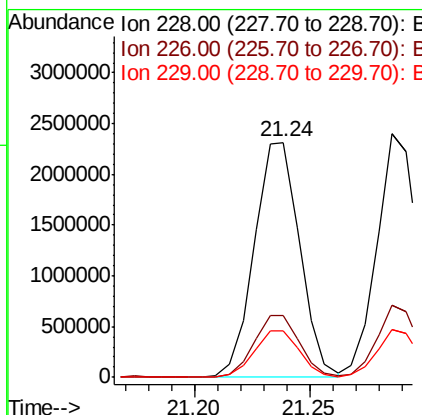
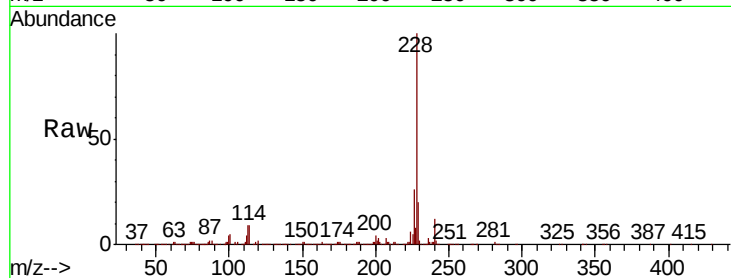




#81
Benzo(a)anthracene
Concen: 44.713 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

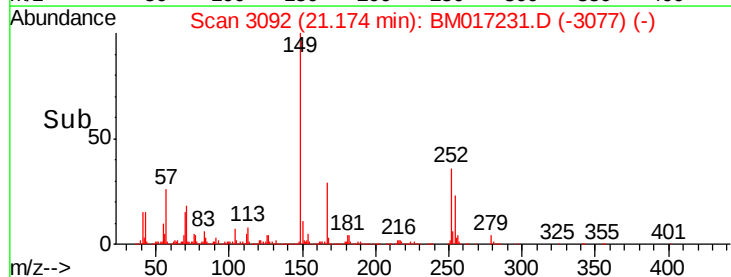
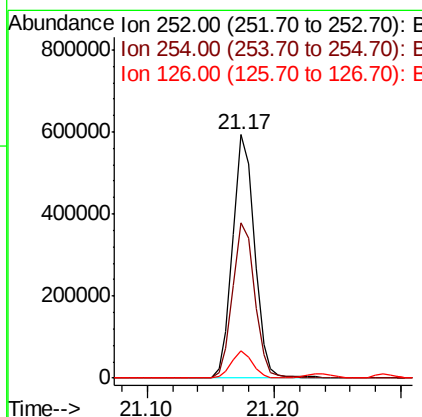
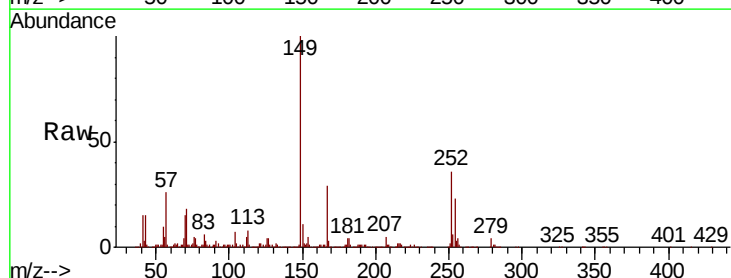
Instrument :
BNA_M
ClientSampleId :

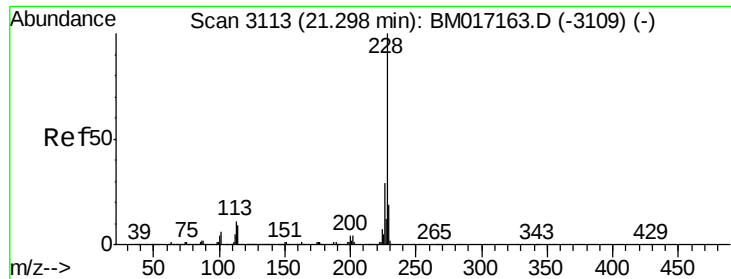
Tot Ion:228 Resp: 3169408
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 26.825 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017231.D
Acq: 19 Oct 2018 15:50

Tgt Ion:252 Resp: 708669
Ion Ratio Lower Upper
252 100
254 63.8 52.1 78.1
126 11.0 8.6 12.8

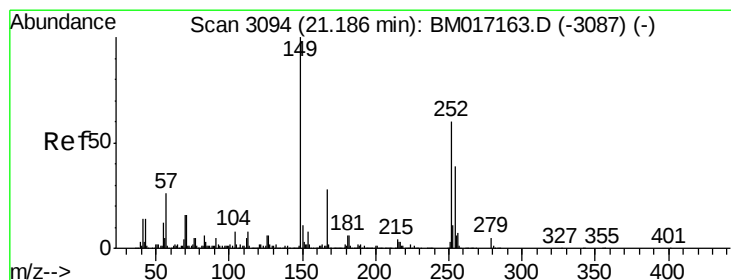
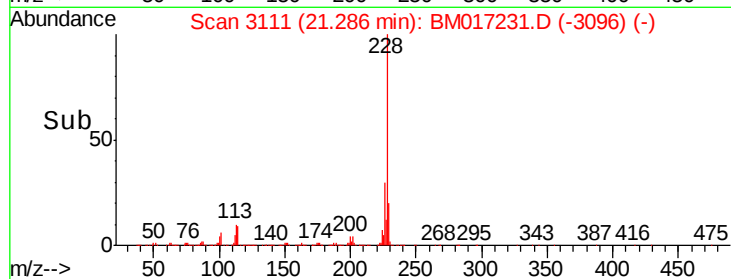
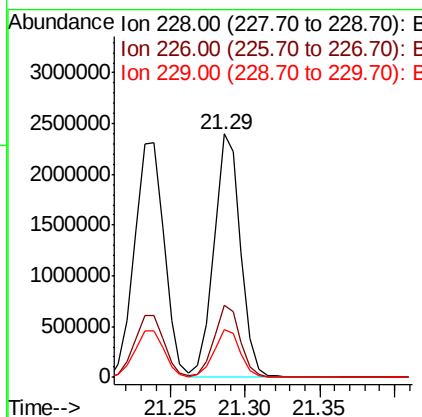
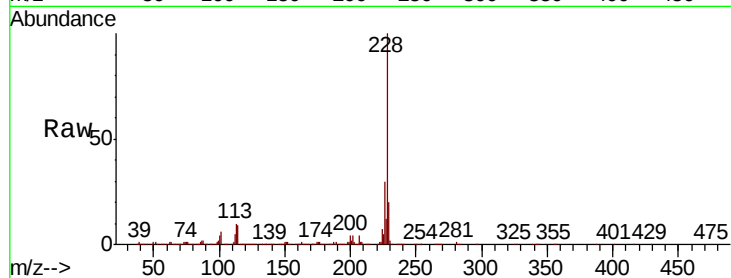




#83
 Chrvsene
 Concen: 42.390 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

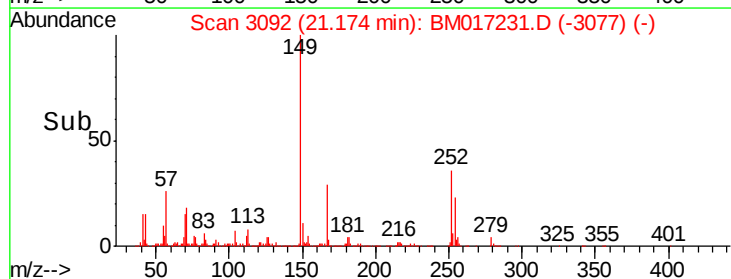
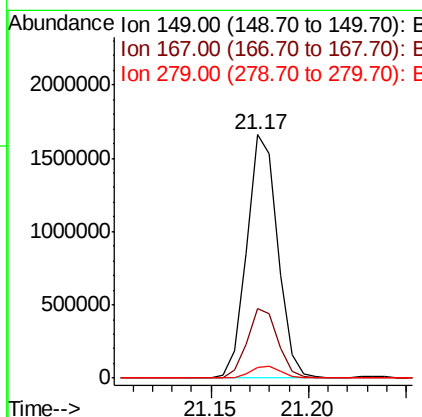
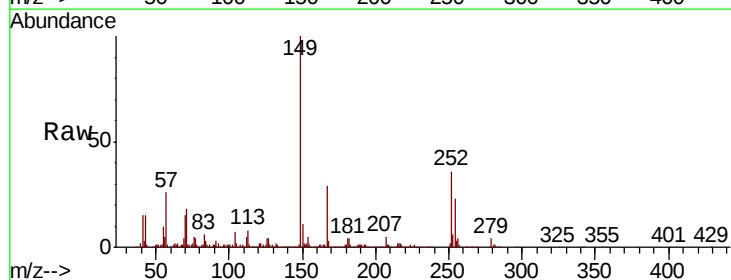
Instrument :
 BNA_M
 ClientSampleId :

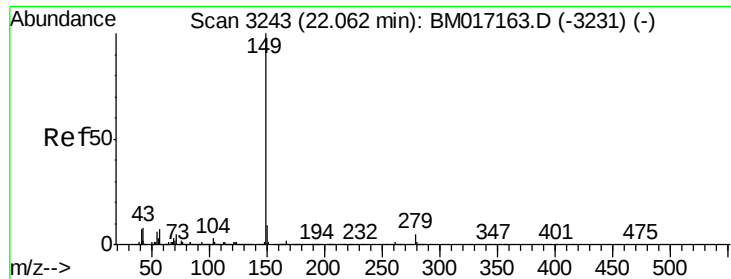
Tot Ion:228 Resp: 2974034
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.3 34.9
 229 19.9 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.628 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017231.D
 Acq: 19 Oct 2018 15:50

Tgt Ion:149 Resp: 1812020
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.2 33.4
 279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 41.029 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

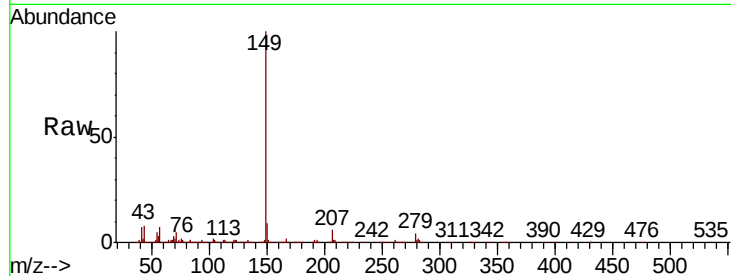
Tot Ion:149 Resp: 2785421

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

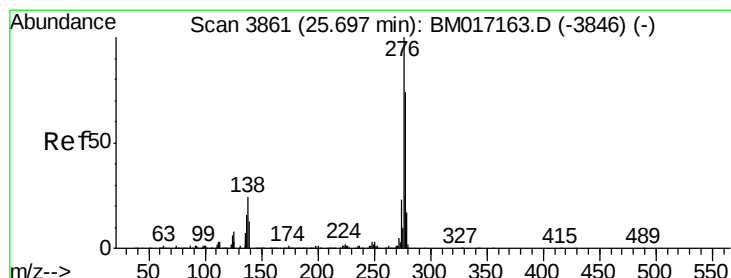
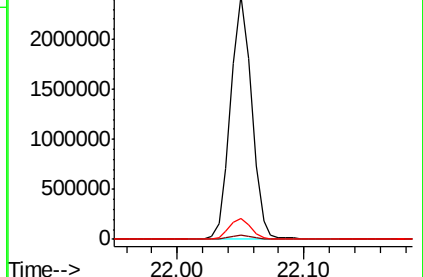
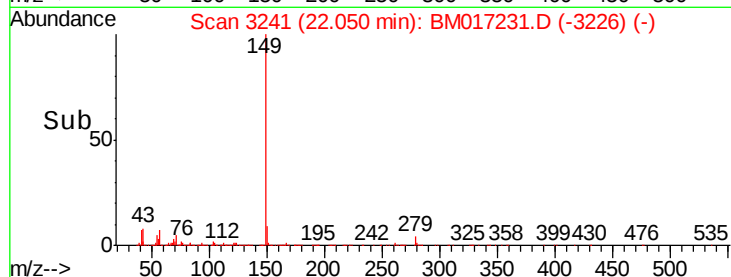
43 8.8 7.2 10.8



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: 34.022 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

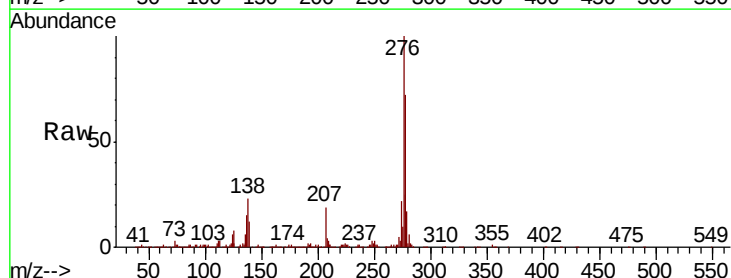
Tgt Ion:276 Resp: 2669789

Ion Ratio Lower Upper

276 100

138 23.1 19.5 29.3

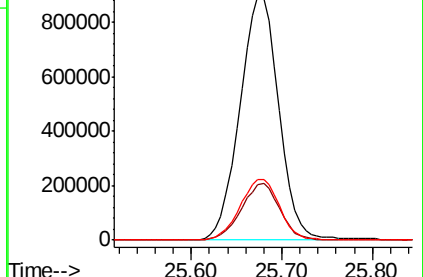
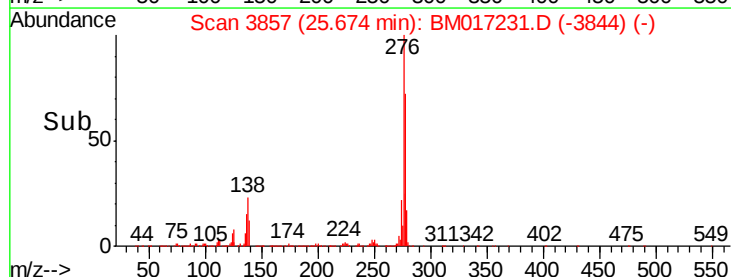
277 25.3 20.1 30.1

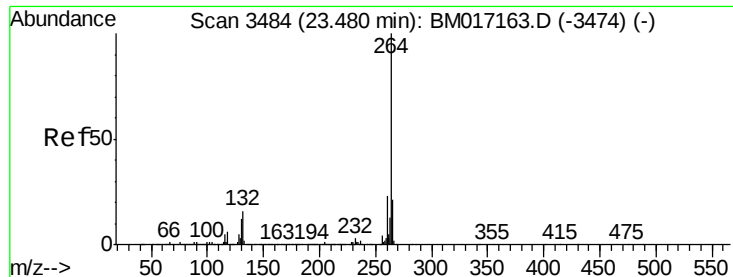


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampleId :

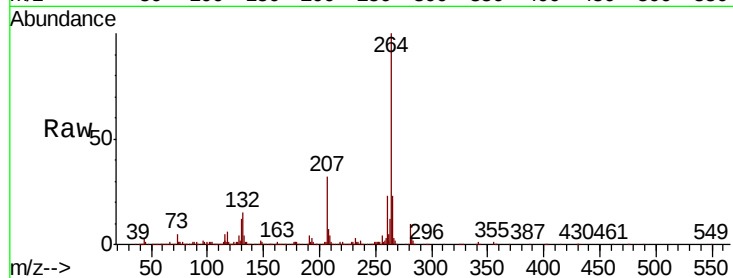
Tot Ion:264 Resp: 1020203

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.7	17.8	26.8

264 100

260 23.2 18.6 27.8

265 22.7 17.8 26.8

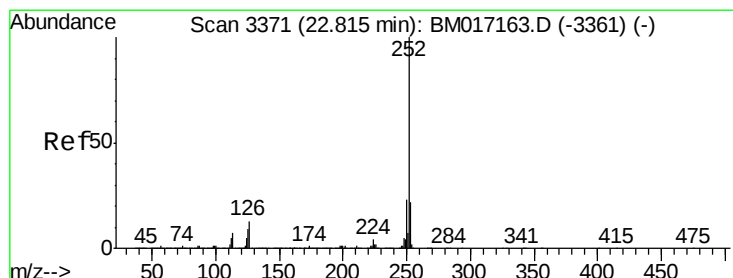
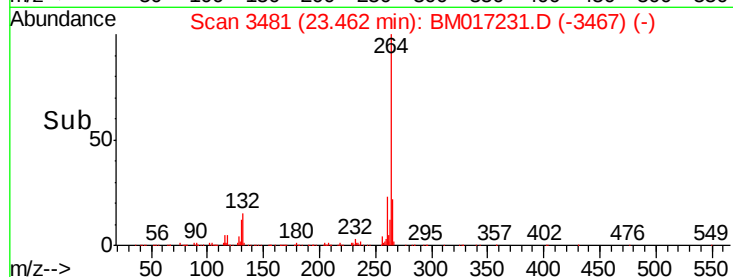
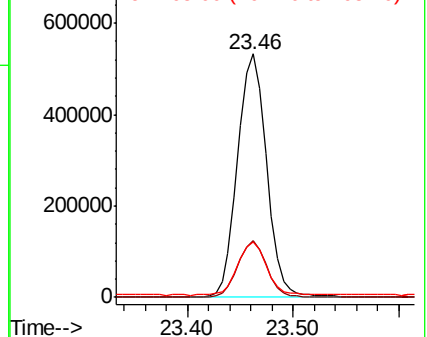


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.631 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

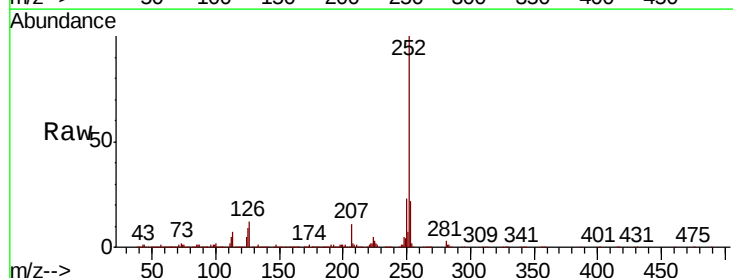
Tgt Ion:252 Resp: 2656796

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.4	7.5	11.3

252 100

253 22.0 17.4 26.2

125 9.4 7.5 11.3

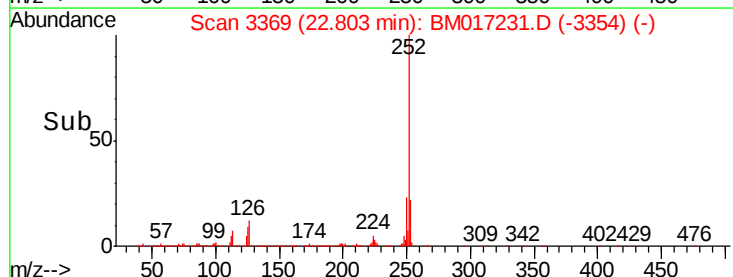
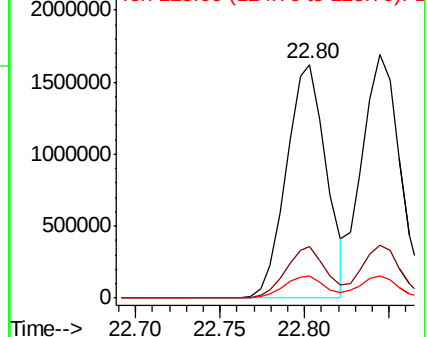


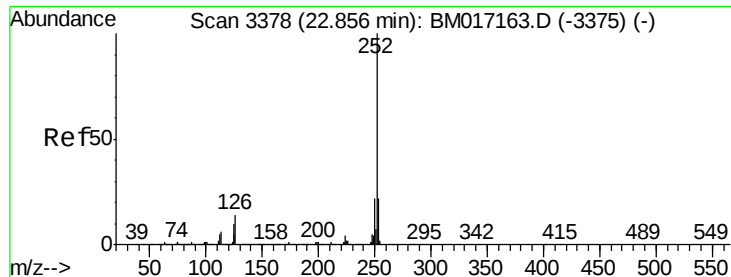
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.519 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Instrument :

BNA_M

ClientSampled :

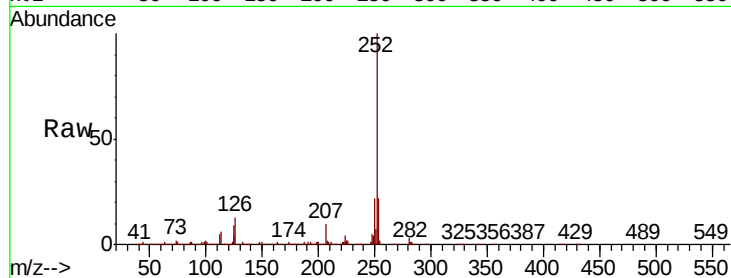
Tot Ion:252 Resp: 2659601

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

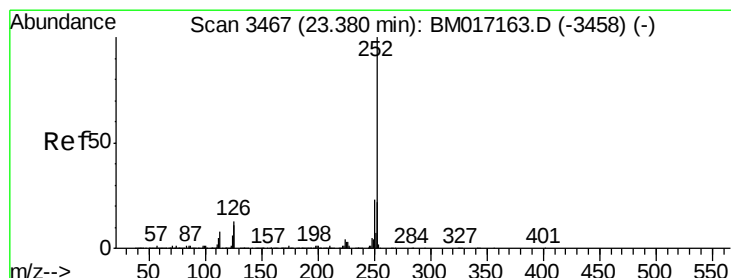
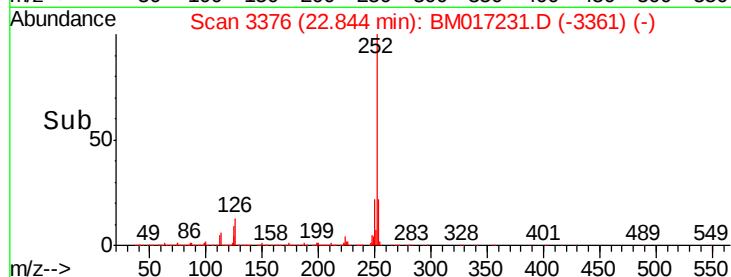
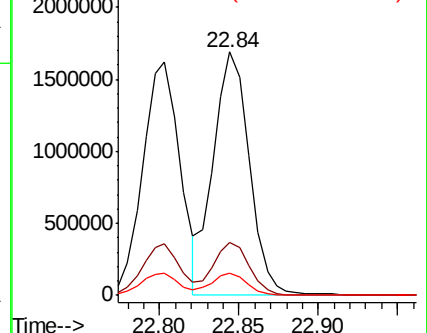
125 9.4 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.614 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

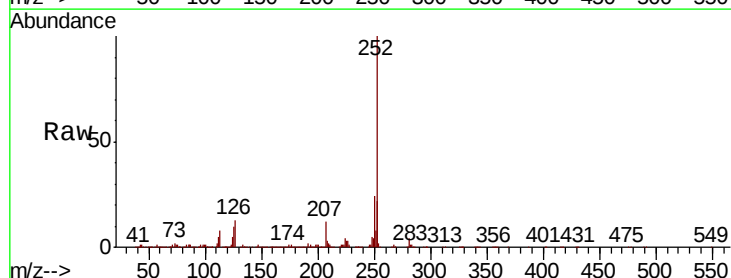
Tgt Ion:252 Resp: 2468663

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

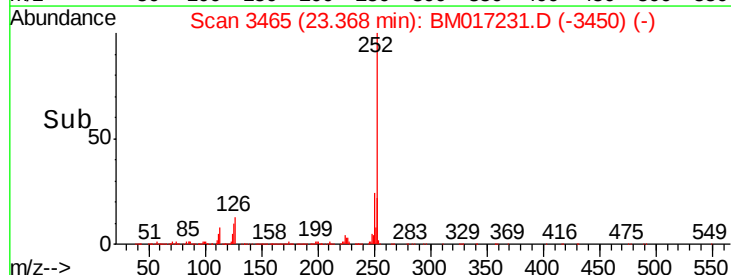
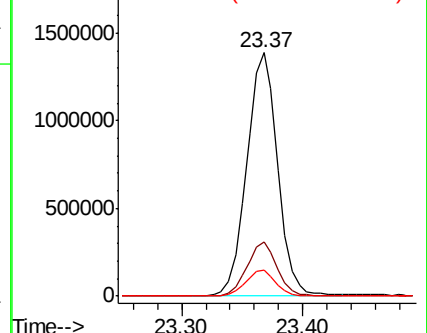
125 10.5 8.6 13.0

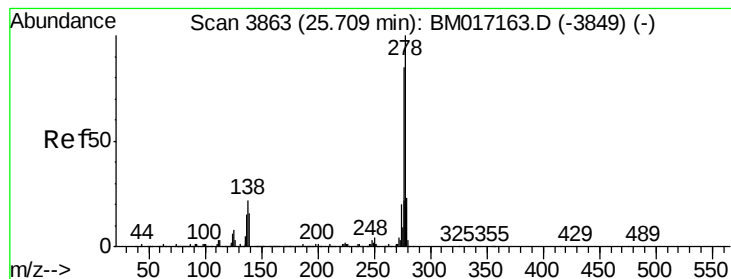


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.136 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

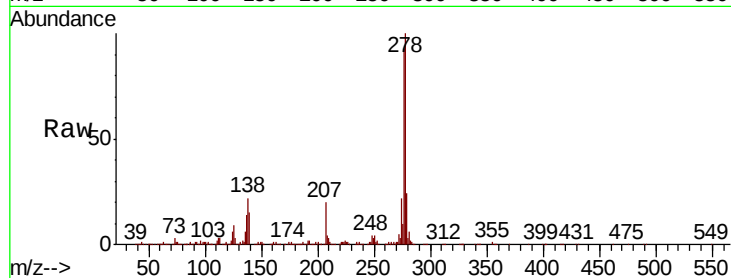
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2268388

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.7	19.1
279	23.8	18.7	28.1

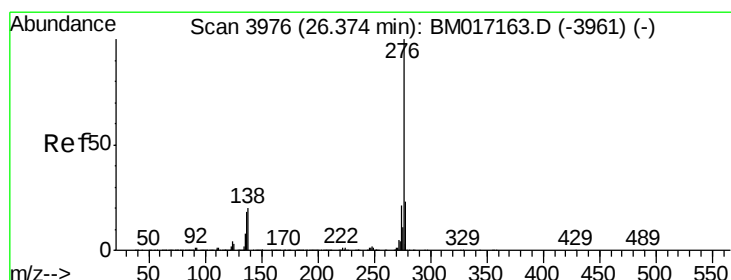
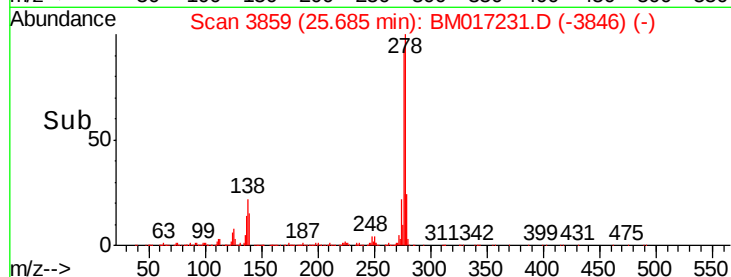
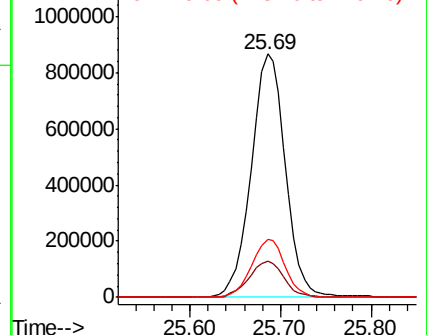


Abundance

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: 42.447 ng

RT: 26.35 min Scan# 3972

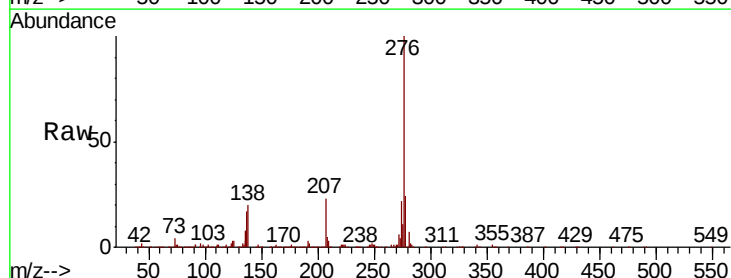
Delta R.T. -0.02 min

Lab File: BM017231.D

Acq: 19 Oct 2018 15:50

Tgt Ion:276 Resp: 2212343

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	19.8	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

