

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072418\
 Data File : BM016060.D
 Acq On : 24 Jul 2018 17:52
 Operator : SJ/JU
 Sample : J4086-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1524

Quant Time: Jul 25 05:34:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	41473	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	169688	20.00	ng	0.00
38) Acenaphthene-d10	14.85	164	90457	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	201358	20.00	ng	0.00
75) Chrysene-d12	21.70	240	243995	20.00	ng	0.00
86) Perylene-d12	24.07	264	234744	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	162147	64.94	ng	0.00
7) Phenol-d6	7.38	99	218193	66.92	ng	0.00
23) Nitrobenzene-d5	9.42	82	164141	44.99	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	97395	84.89	ng	0.00
44) 2-Fluorobiphenyl	13.47	172	358568	48.23	ng	0.00
78) Terphenyl-d14	20.15	244	694522	59.58	ng	0.00

Target Compounds

						Qvalue
8) 2-Chlorophenol	7.79	128	378628	127.600	ng	97
9) Benzaldehyde	7.41	77	6359	2.776	ng	# 23
10) Phenol	7.41	94	348148	106.784	ng	98
13) 1,4-Dichlorobenzene	8.26	146	100717	28.592	ng	# 93
14) 1,2-Dichlorobenzene	8.58	146	95361	27.667	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	8.75	45	243632	61.805	ng	99
17) 2-Methylphenol	8.67	107	338795	152.033	ng	# 84
18) Hexachloroethane	9.30	117	88276	57.974	ng	98
19) n-Nitroso-di-n-propylamine	9.04	70	209700	87.993	ng	# 75
25) Isophorone	9.97	82	715643	143.405	ng	# 94
26) 2-Nitrophenol	10.17	139	47767	31.159	ng	# 58
29) 2,4-Dichlorophenol	10.70	162	243786	96.058	ng	97
31) Naphthalene	11.10	128	260959	30.386	ng	99
34) Hexachlorobutadiene	11.36	225	109507	51.197	ng	97
42) 2,4,6-Trichlorophenol	13.30	196	224932	116.741	ng	99
43) 2,4,5-Trichlorophenol	13.37	196	159135	80.071	ng	# 82
46) 2-Chloronaphthalene	13.74	162	863031	135.923	ng	# 88
48) Acenaphthylene	14.58	152	1238951	133.291	ng	99
49) Dimethylphthalate	14.30	163	218698	27.626	ng	99
50) 2,6-Dinitrotoluene	14.44	165	210064	131.883	ng	# 56
51) Acenaphthene	14.92	154	854018	149.392	ng	97
54) Dibenzofuran	15.25	168	1592757	169.075	ng	# 81
57) Fluorene	15.90	166	1306632	186.653	ng	99
59) Diethylphthalate	15.65	149	1505093	176.391	ng	95
61) 4-Nitroaniline	15.90	138	20792	12.596	ng	# 31
66) 4-Bromophenyl-phenylether	16.77	248	215368	94.457	ng	# 77
69) Pentachlorophenol	17.23	266	99396	63.928	ng	99
70) Phenanthrene	17.63	178	1507634	133.736	ng	99
71) Anthracene	17.72	178	458282	41.828	ng	98
79) Butylbenzylphthalate	20.83	149	761177	102.474	ng	# 82
80) Benzo(a)anthracene	21.69	228	1549344	103.098	ng	99
82) Chrysene	21.69	228	1550864	107.582	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	940673	87.382	ng	# 92
84) Di-n-octyl phthalate	22.48	149	1058540	58.506	ng	# 89

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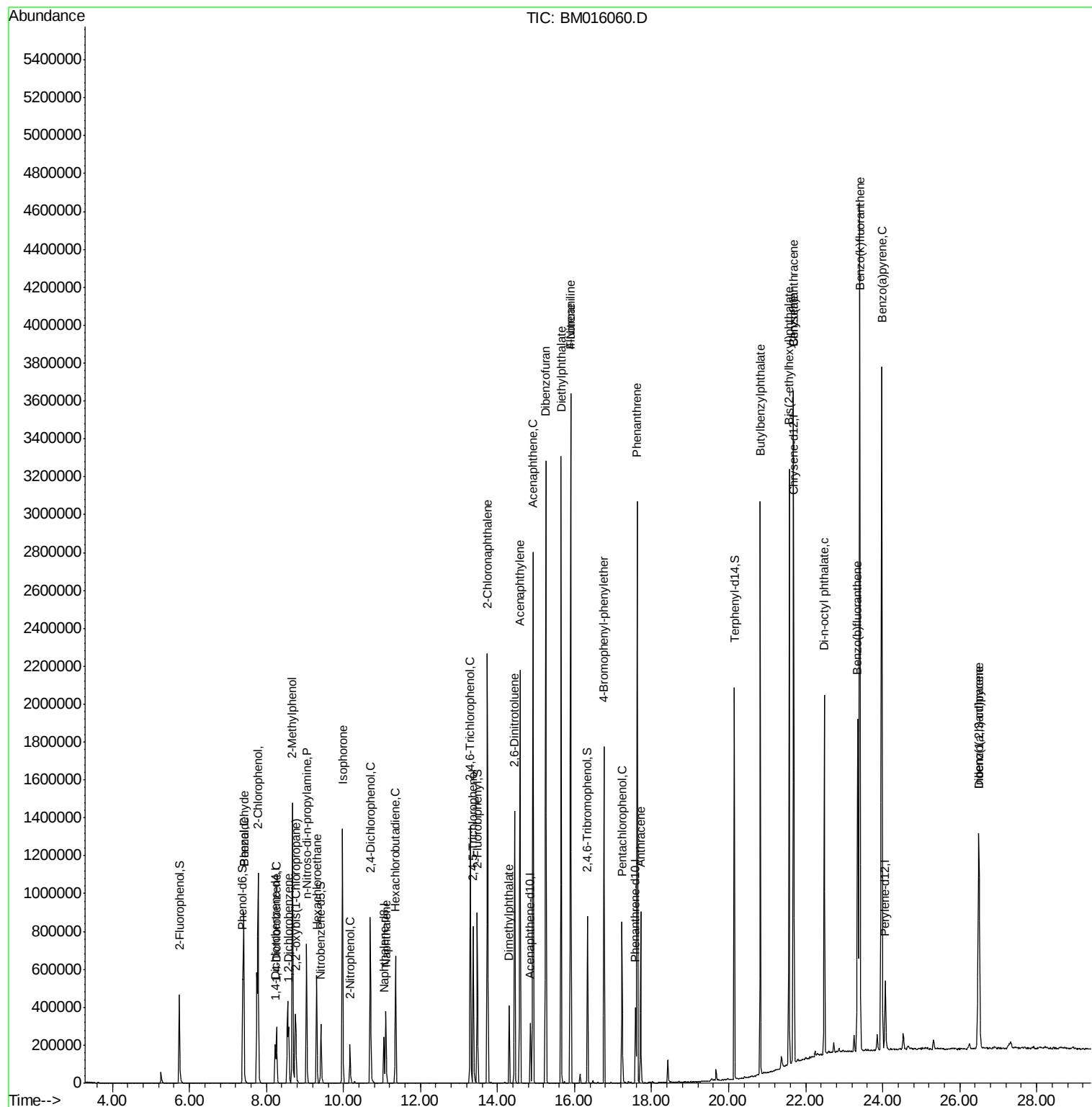
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	26.50	276	621218	36.315	ng	# 92
87) Benzo(b)fluoranthene	23.35	252	1126227	81.486	ng	# 96
88) Benzo(k)fluoranthene	23.40	252	2728528	194.797	ng	98
89) Benzo(a)pyrene	23.98	252	2597812	195.518	ng	99
90) Dibenzo(a,h)anthracene	26.50	278	681458	49.503	ng	# 96

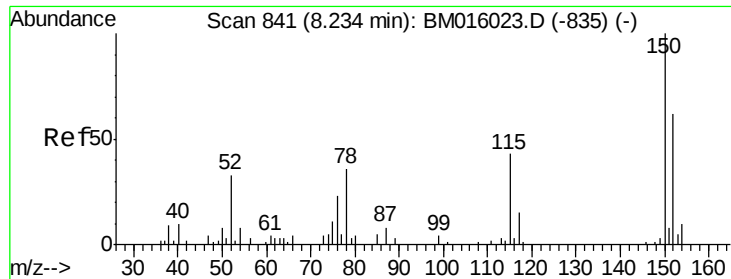
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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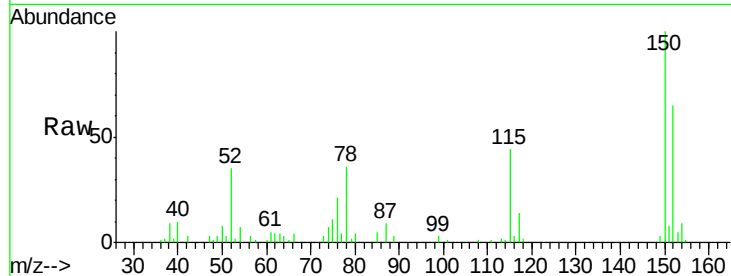


#1

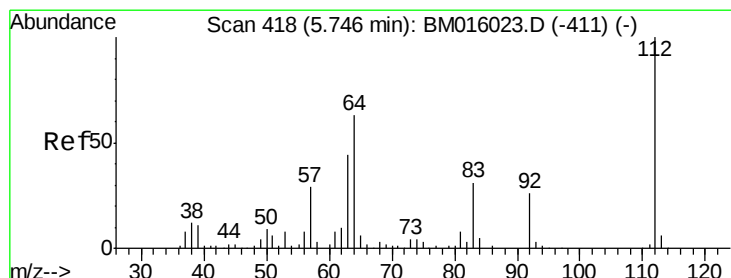
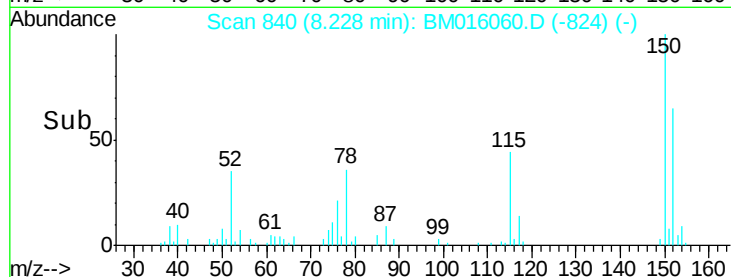
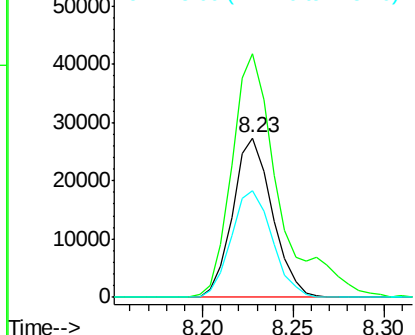
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Instrument :
BNA_M
ClientSampleId :
1524

Tgt Ion:152 Resp: 41473
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 67.0 43.0 64.4#



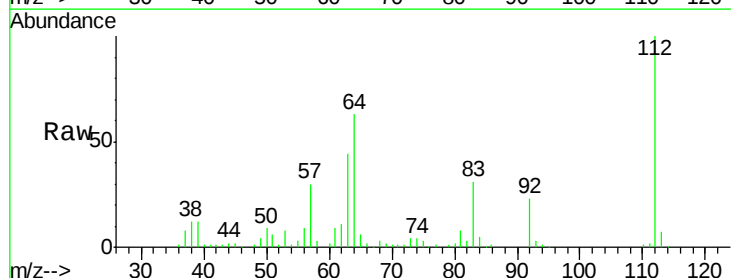
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



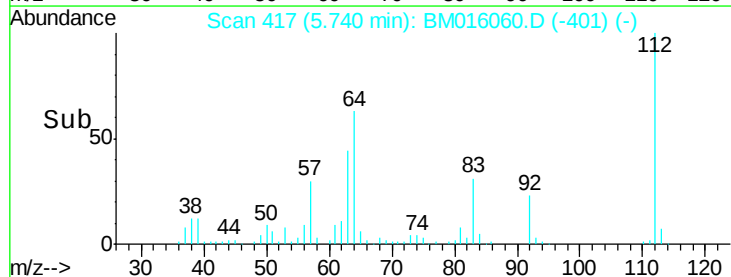
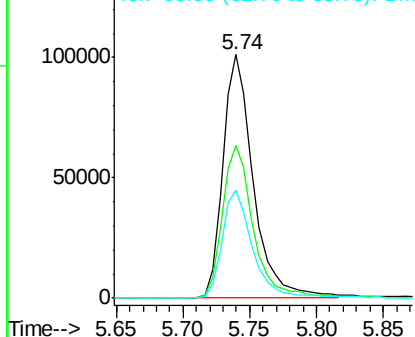
#5

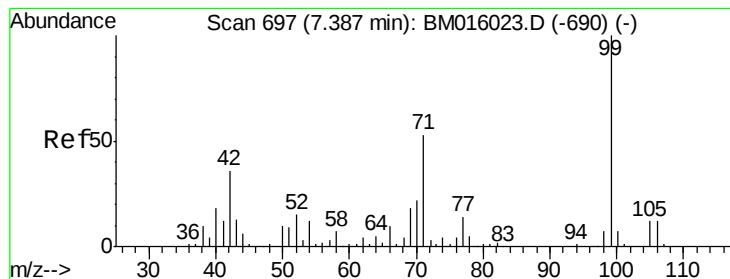
2-Fluorophenol
Concen: N.D. ng
RT: 5.74 min Scan# 417
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Tgt Ion:112 Resp: 162147
Ion Ratio Lower Upper
112 100
64 62.8 38.6 57.8#
63 44.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.38 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampled :

1524

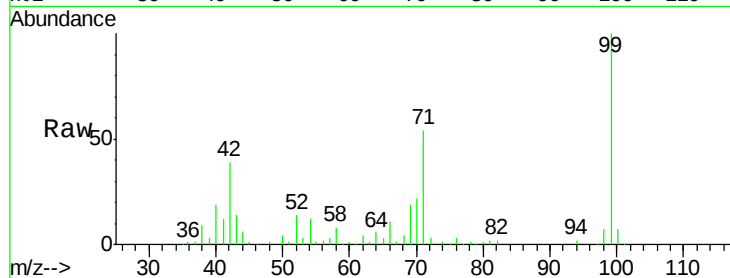
Tgt Ion: 99 Resp: 218193

Ion Ratio Lower Upper

99 100

42 38.7 11.0 16.4#

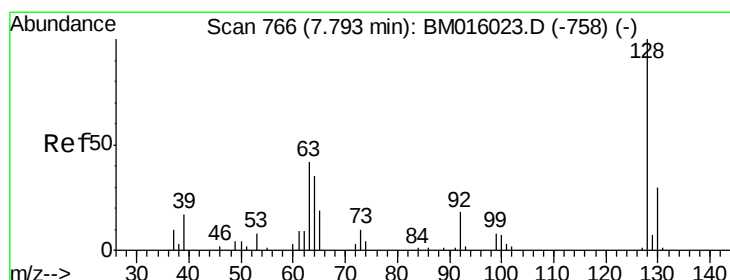
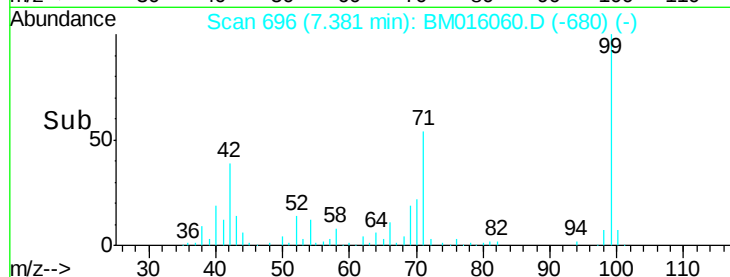
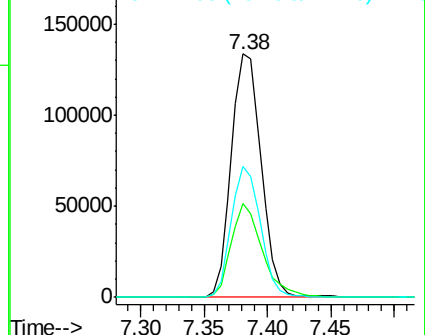
71 53.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#8

2-Chlorophenol

Concen: 127.600 ng

RT: 7.79 min Scan# 765

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

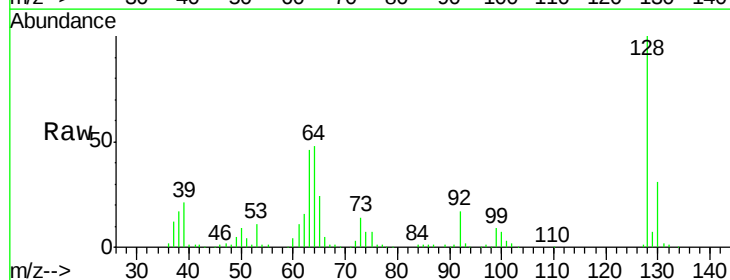
Tgt Ion: 128 Resp: 378628

Ion Ratio Lower Upper

128 100

130 31.4 12.0 52.0

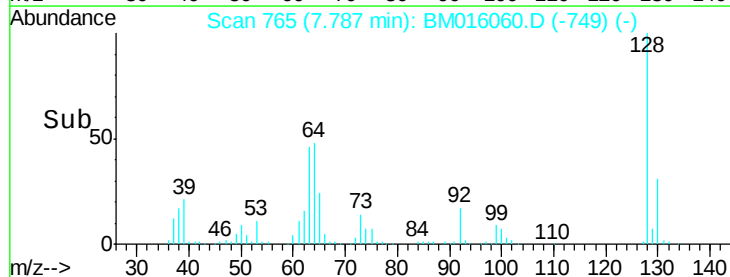
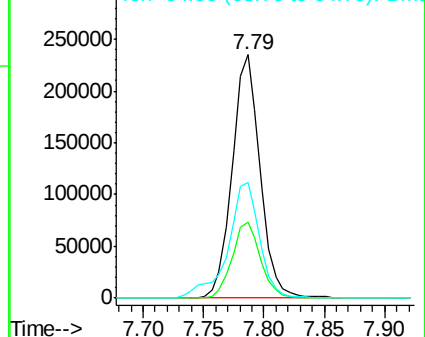
64 47.7 24.9 64.9

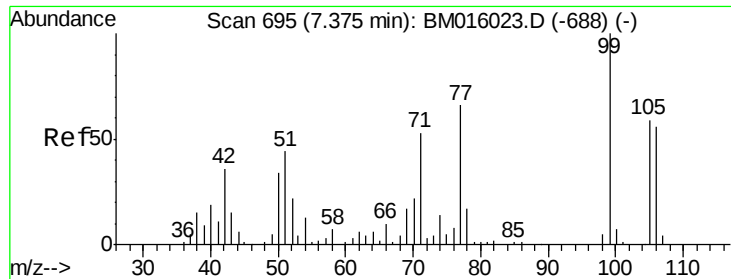


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)





#9

Benzaldehyde

Concen: 2.776 ng

RT: 7.41 min Scan# 701

Delta R.T. 0.03 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

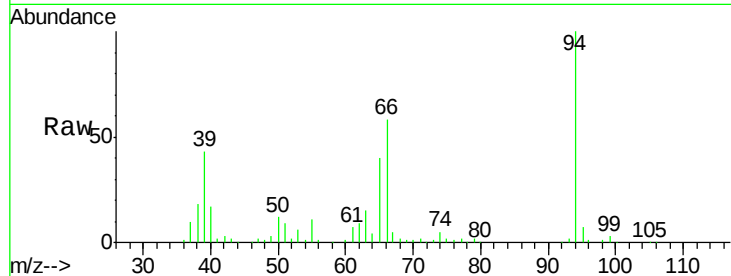
Tgt Ion: 77 Resp: 6359

Ion Ratio Lower Upper

77 100

105 21.6 78.8 118.8#

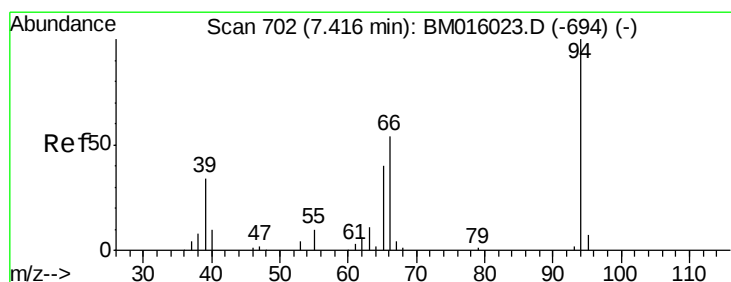
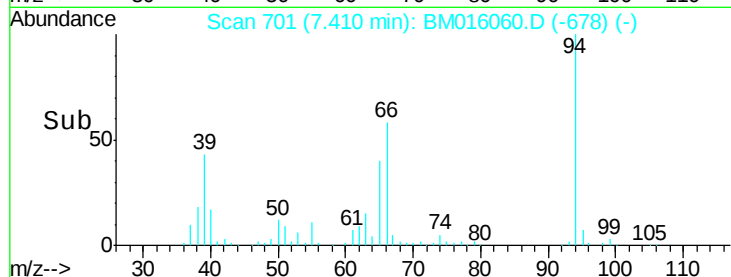
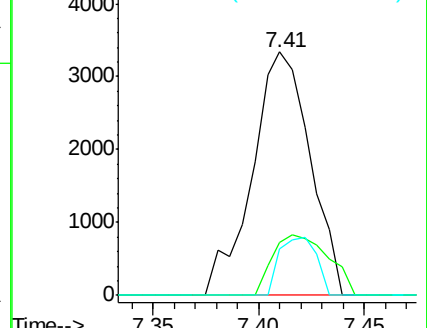
106 19.3 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016060.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016060.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016060.D (-678) (-)



#10

Phenol

Concen: 106.784 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

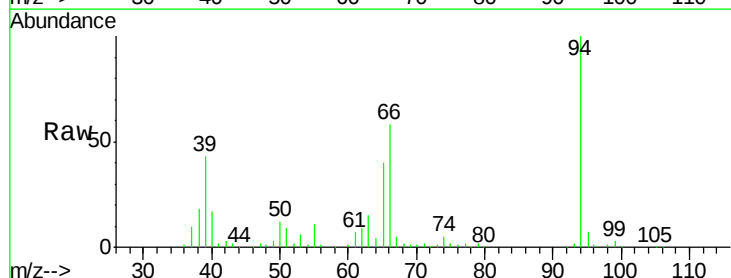
Tgt Ion: 94 Resp: 348148

Ion Ratio Lower Upper

94 100

65 39.8 18.8 58.8

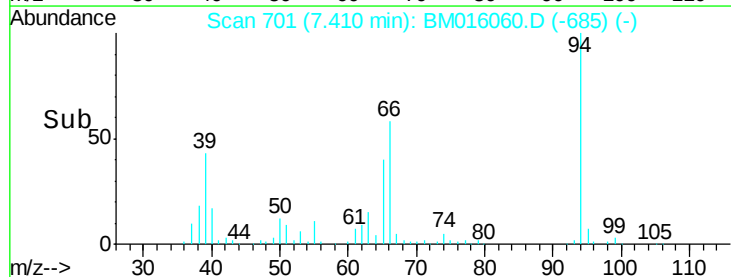
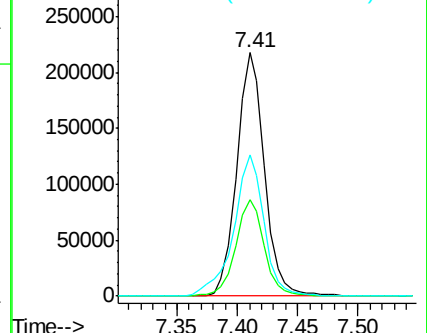
66 57.8 39.9 79.9

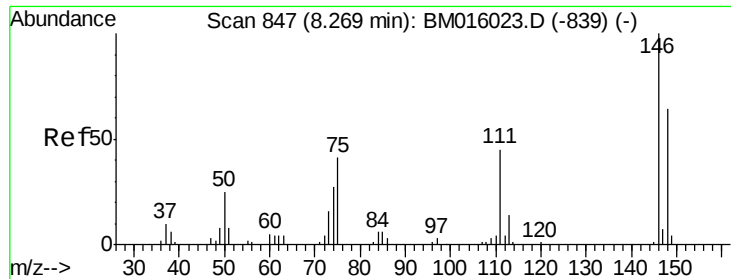


Abundance Ion 94.00 (93.70 to 94.70): BM016060.D (-685) (-)

Ion 65.00 (64.70 to 65.70): BM016060.D (-685) (-)

Ion 66.00 (65.70 to 66.70): BM016060.D (-685) (-)

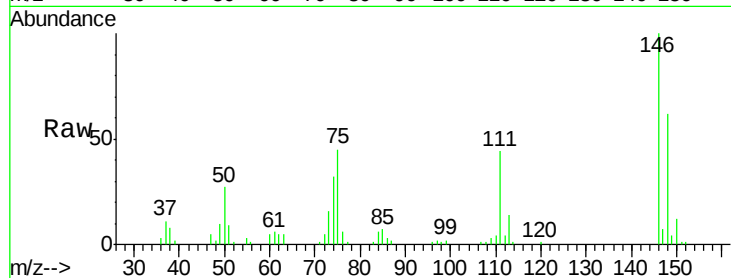




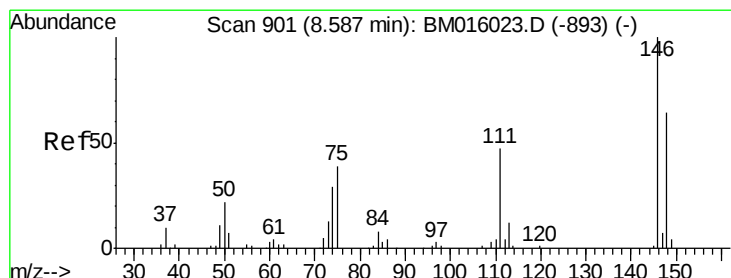
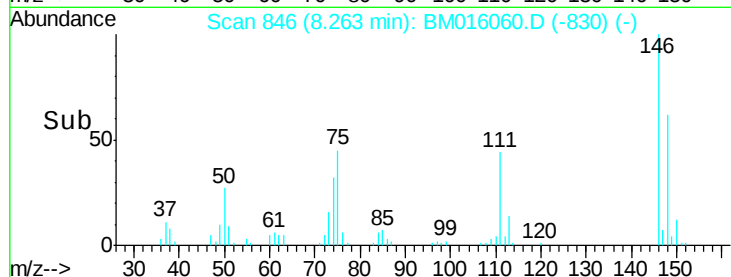
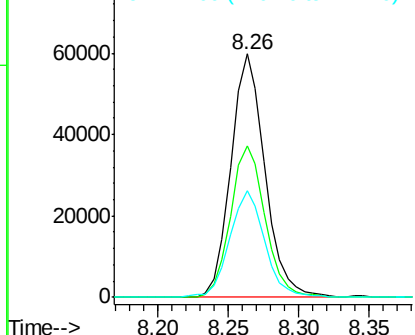
#13
 1,4-Dichlorobenzene
 Concen: 28.592 ng
 RT: 8.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Instrument :
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 ClientSampleId :
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Tgt Ion:146 Resp: 100717
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.9 77.9
 111 44.0 29.2 43.8#

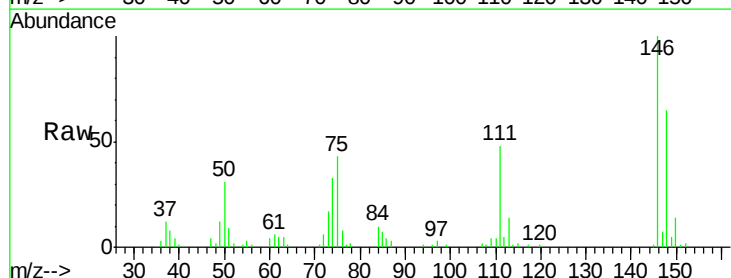


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

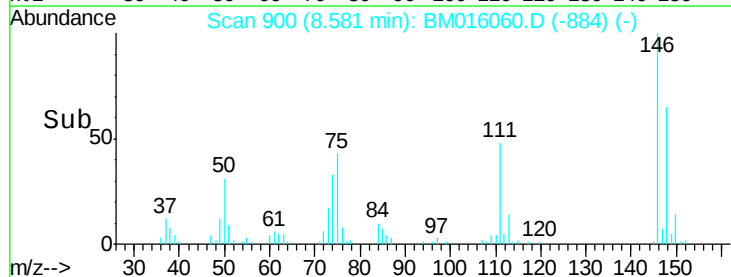
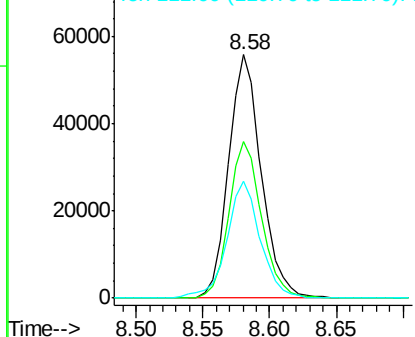


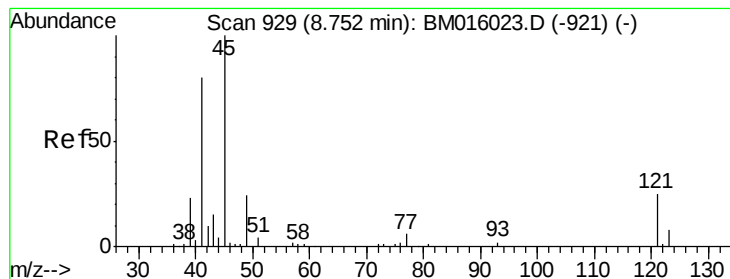
#14
 1,2-Dichlorobenzene
 Concen: 27.667 ng
 RT: 8.58 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Tgt Ion:146 Resp: 95361
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.3 78.5
 111 47.9 30.6 45.8#



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





#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.805 ng

RT: 8.75 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

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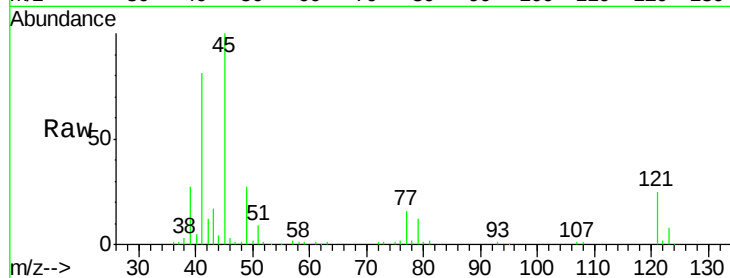
Tgt Ion: 45 Resp: 243632

Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.2

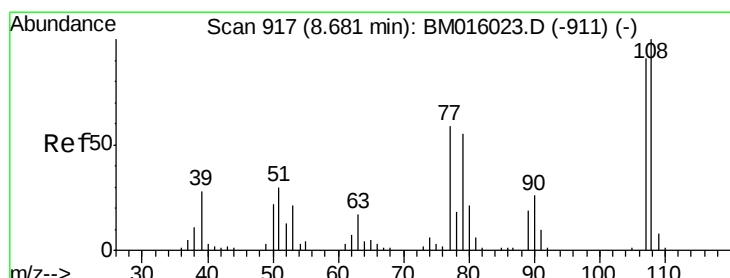
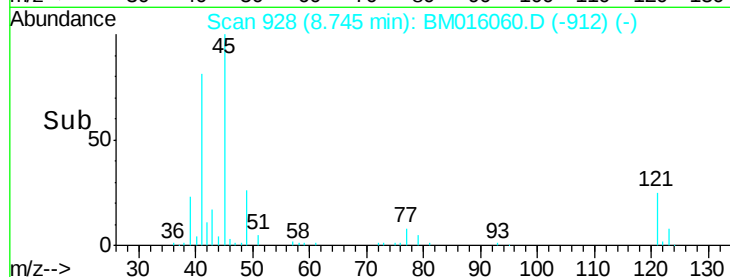
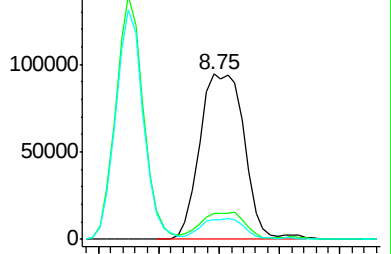
79 12.1 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BM016023.D (-921) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-921) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-921) (-)



#17

2-Methylphenol

Concen: 152.033 ng

RT: 8.67 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Tgt Ion: 107 Resp: 338795

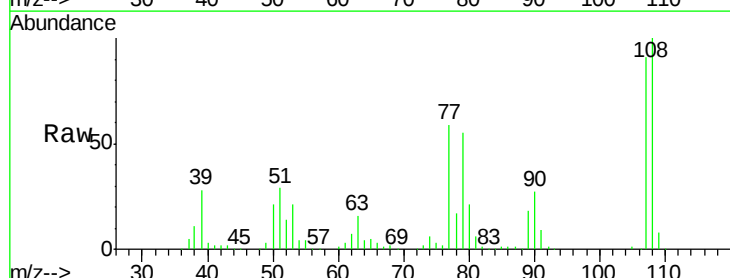
Ion Ratio Lower Upper

107 100

108 110.4 89.8 134.8

77 64.9 32.6 48.8#

79 61.1 32.8 49.2#

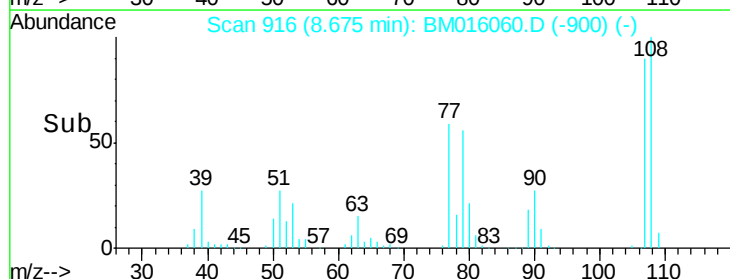
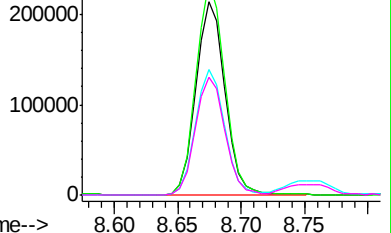


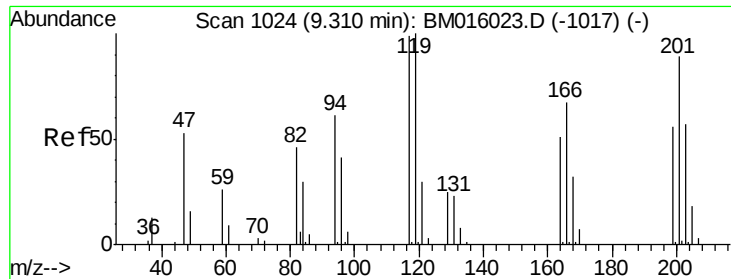
Abundance Ion 107.00 (106.70 to 107.70): BM016023.D (-911) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-911) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-911) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-911) (-)

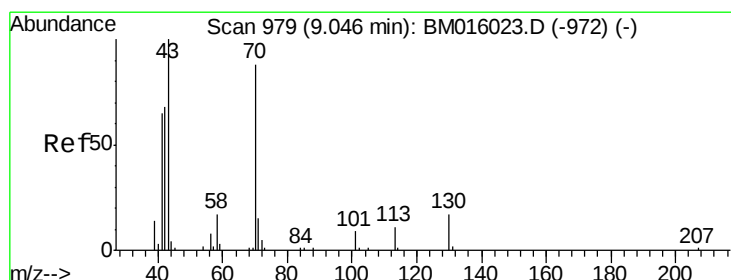
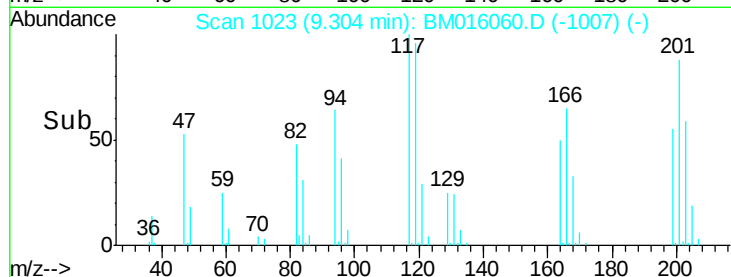
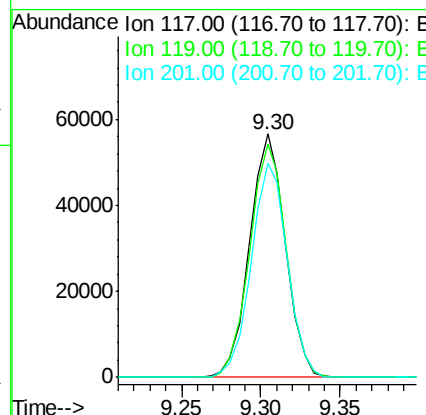
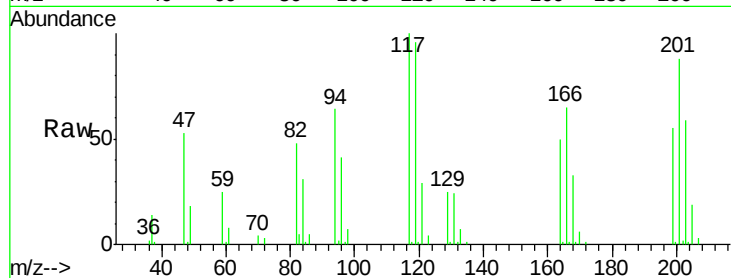




#18
Hexachloroethane
Concen: 57.974 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

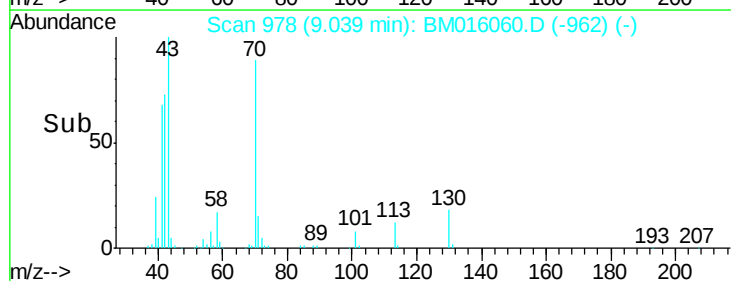
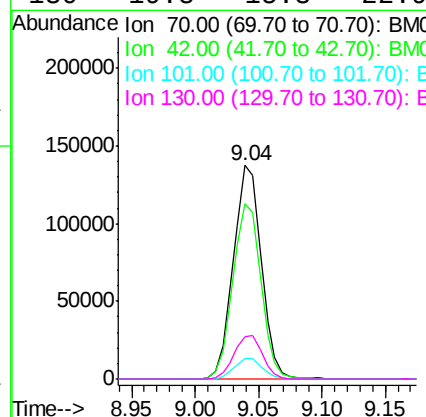
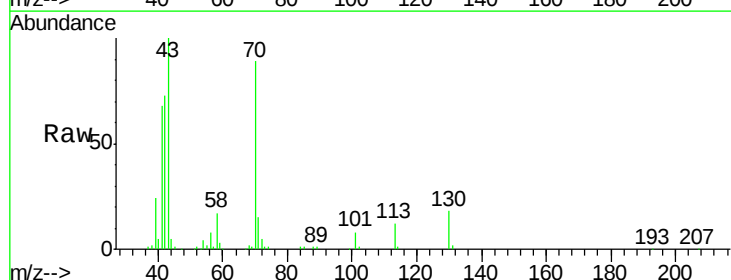
Instrument :
BNA_M
ClientSampled :
1524

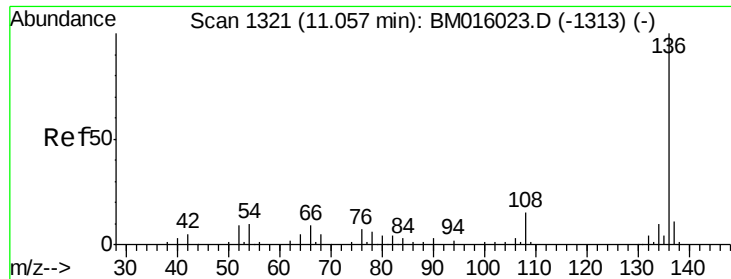
Tgt Ion: 117 Resp: 88276
Ion Ratio Lower Upper
117 100
119 96.1 79.2 118.8
201 87.7 69.8 104.6



#19
n-Nitroso-di-n-propylamine
Concen: 87.993 ng
RT: 9.04 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Tgt Ion: 70 Resp: 209700
Ion Ratio Lower Upper
70 100
42 82.4 44.5 66.7#
101 9.5 7.4 11.2
130 19.8 15.3 22.9

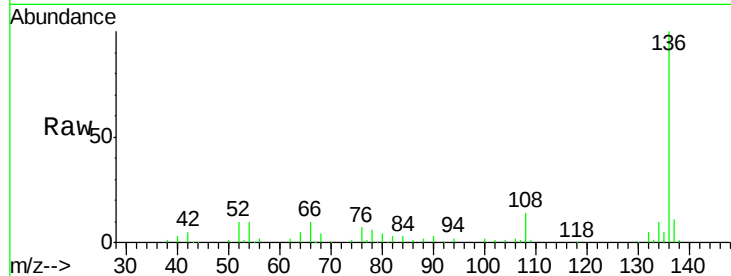




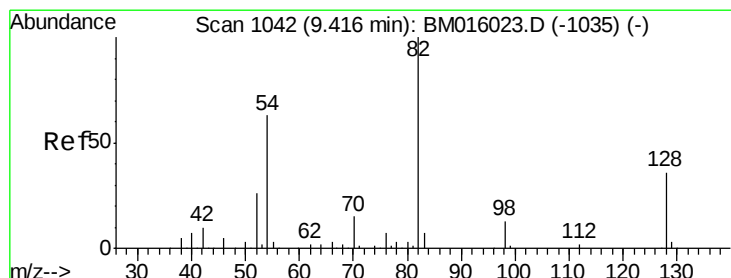
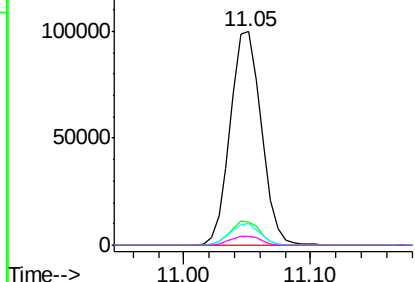
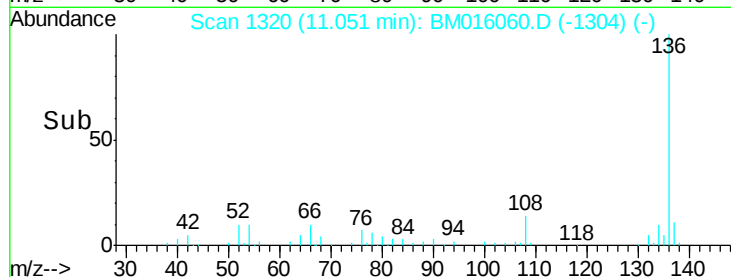
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Instrument :
BNA_M
ClientSampleId :
1524

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.0	4.6	6.8#
68	4.3	3.7	5.5

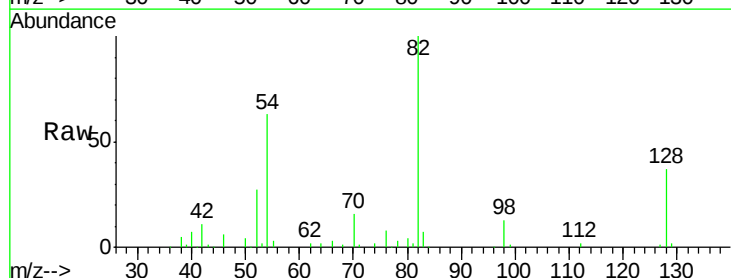


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

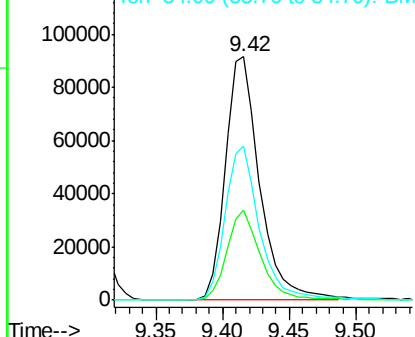
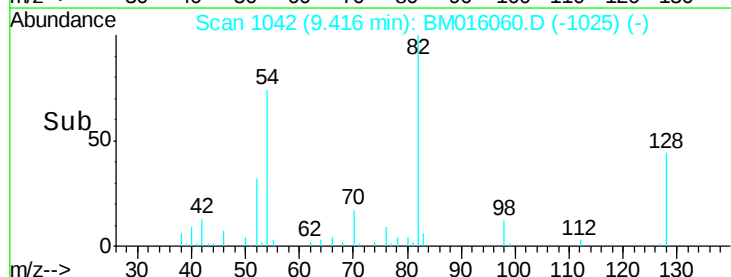


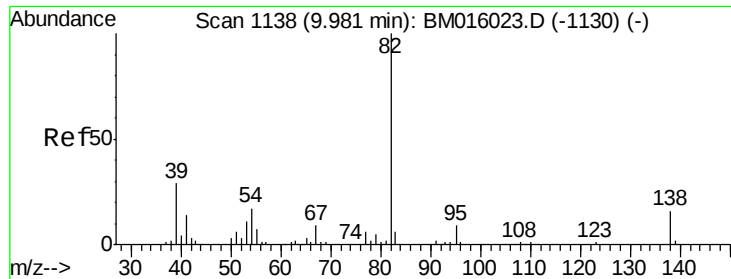
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.42 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.1	32.8	49.2
54	63.1	40.6	60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#25

Isophorone

Concen: 143.405 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

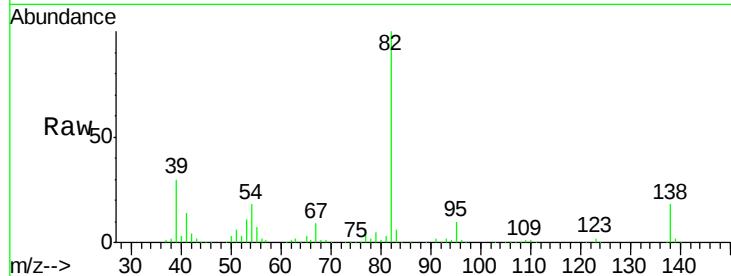
Tgt Ion: 82 Resp: 715643

Ion Ratio Lower Upper

82 100

95 10.2 5.8 8.6#

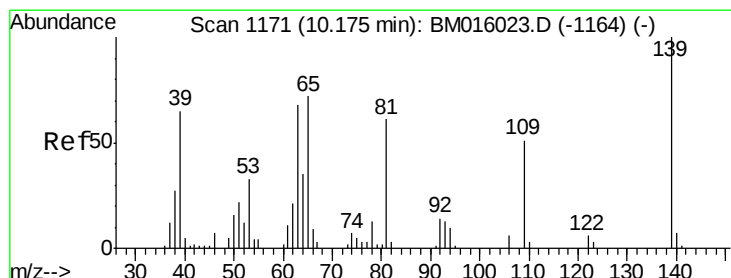
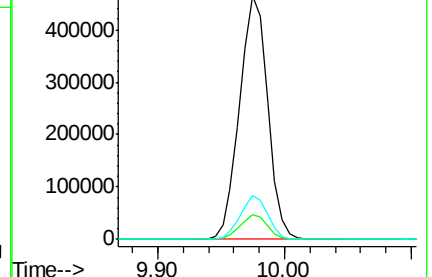
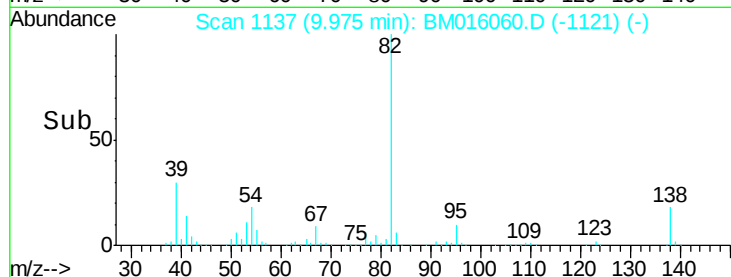
138 17.8 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016060.D (-1137) (-)

Ion 95.00 (94.70 to 95.70): BM016060.D (-1137) (-)

Ion 138.00 (137.70 to 138.70): BM016060.D (-1137) (-)



#26

2-Nitrophenol

Concen: 31.159 ng

RT: 10.17 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

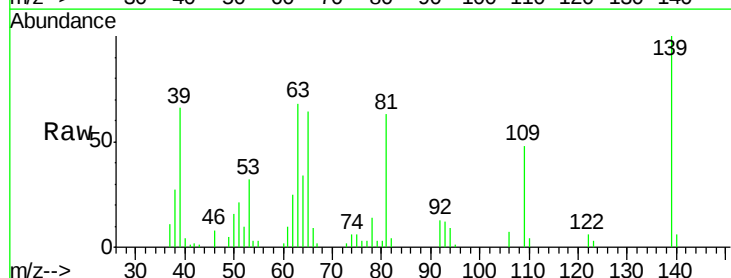
Tgt Ion: 139 Resp: 47767

Ion Ratio Lower Upper

139 100

109 47.8 20.1 30.1#

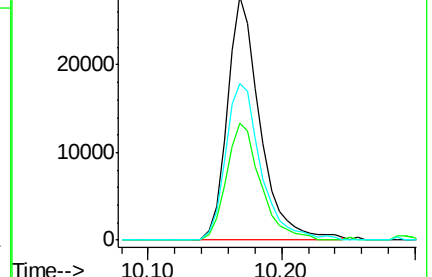
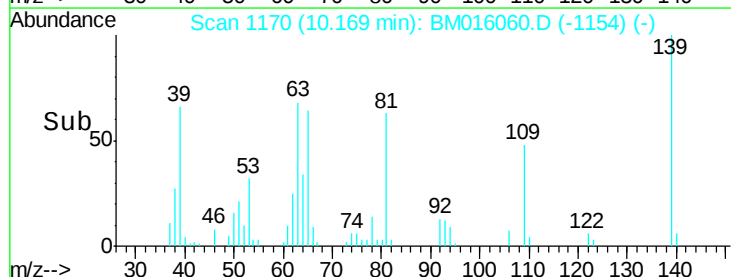
65 64.2 31.5 47.3#

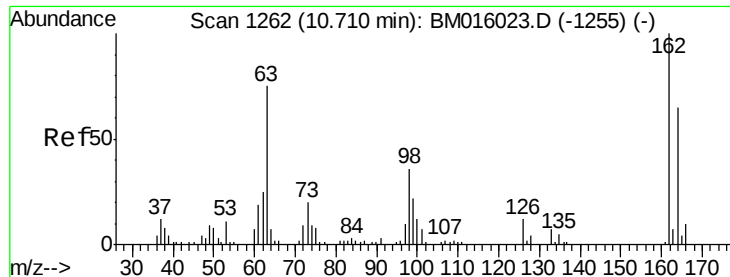


Abundance Ion 139.00 (138.70 to 139.70): BM016060.D (-1170) (-)

Ion 109.00 (108.70 to 109.70): BM016060.D (-1170) (-)

Ion 65.00 (64.70 to 65.70): BM016060.D (-1170) (-)

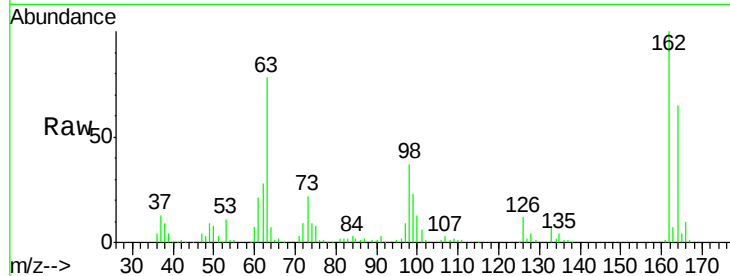




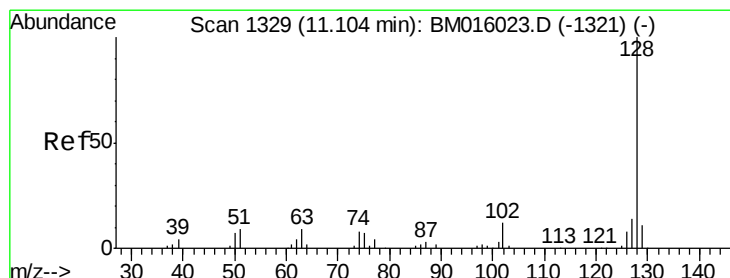
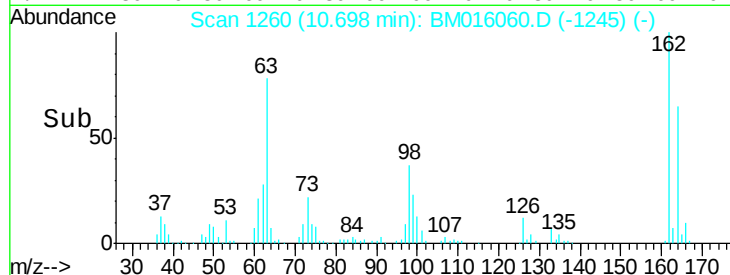
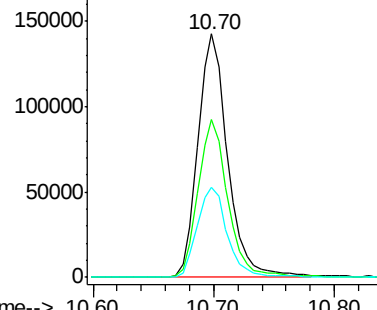
#29
 2,4-Dichlorophenol
 Concen: 96.058 ng
 RT: 10.70 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Instrument :
 BNA_M
 ClientSampleId :
 1524

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.8	82.8
98	37.2	14.5	54.5

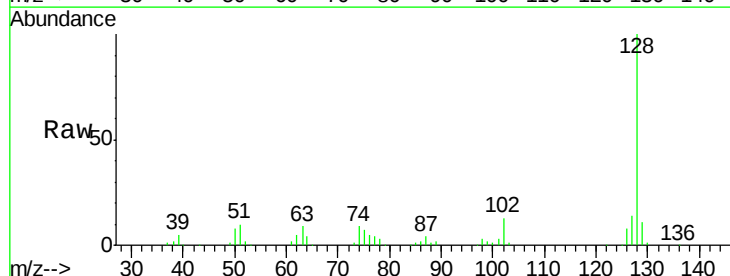


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

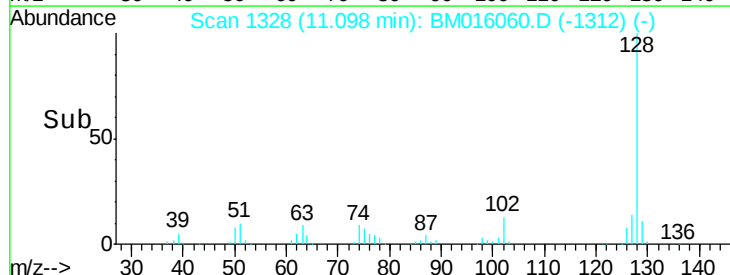
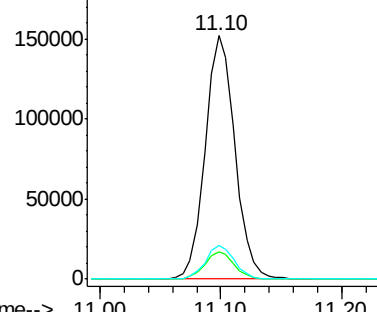


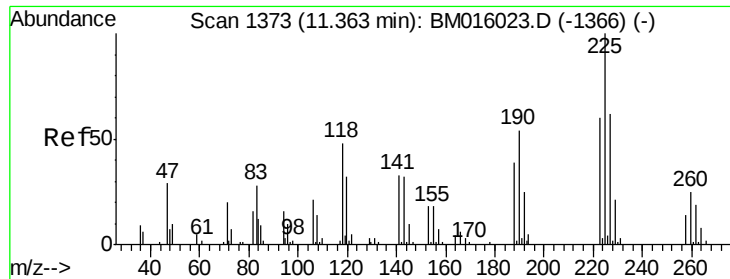
#31
 Naphthalene
 Concen: 30.386 ng
 RT: 11.10 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.7	10.4	15.6



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

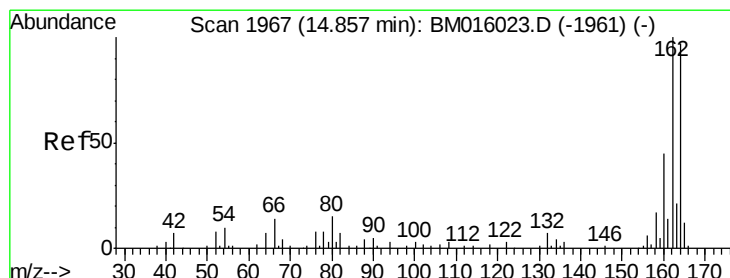
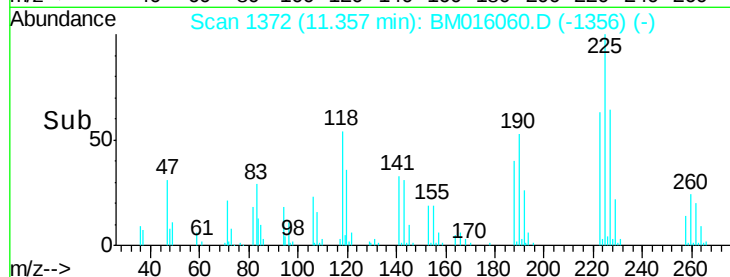
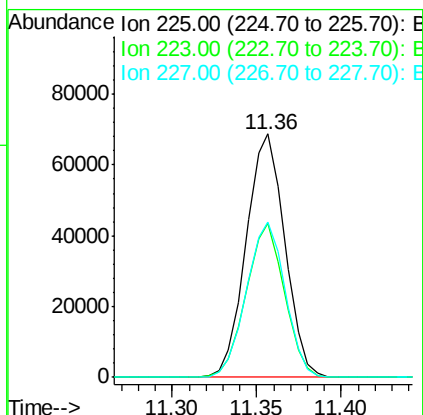
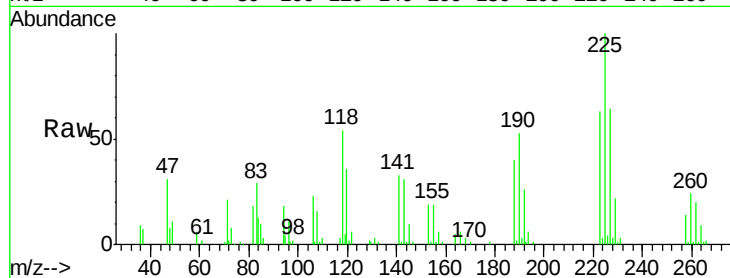




#34
Hexachlorobutadiene
Concen: 51.197 ng
RT: 11.36 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

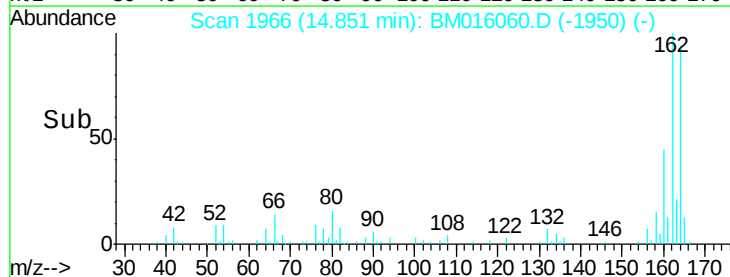
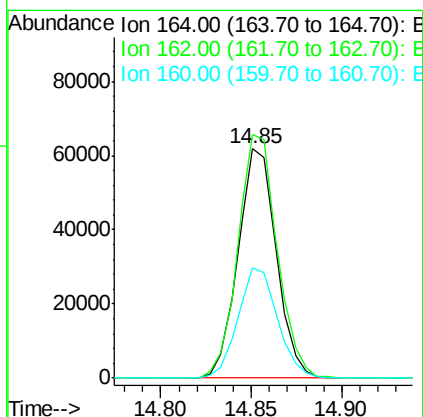
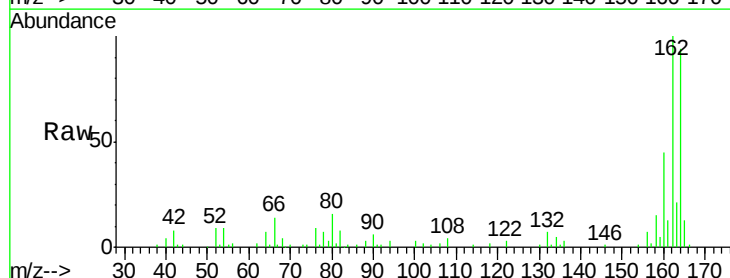
Instrument :
BNA_M
ClientSampleId :
1524

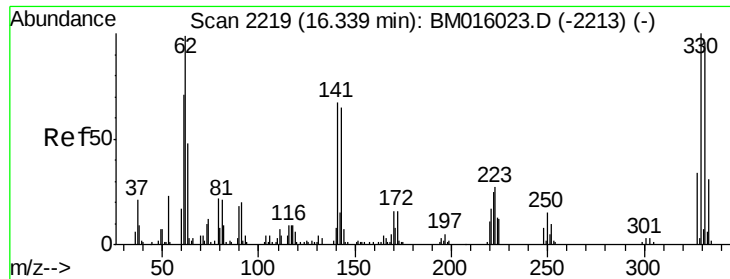
Tgt Ion: 225 Resp: 109507
Ion Ratio Lower Upper
225 100
223 63.2 47.9 71.9
227 63.6 50.1 75.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.85 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Tgt Ion: 164 Resp: 90457
Ion Ratio Lower Upper
164 100
162 106.1 82.4 123.6
160 48.2 35.8 53.6

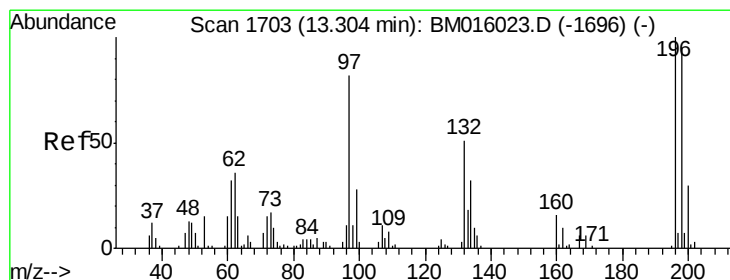
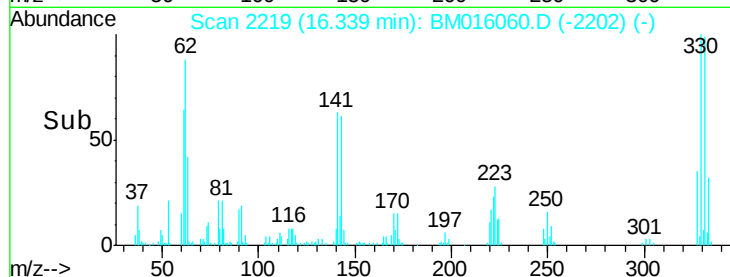
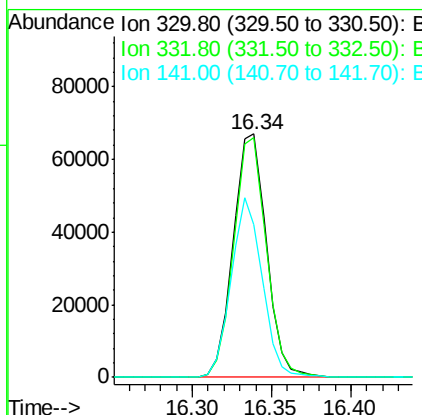
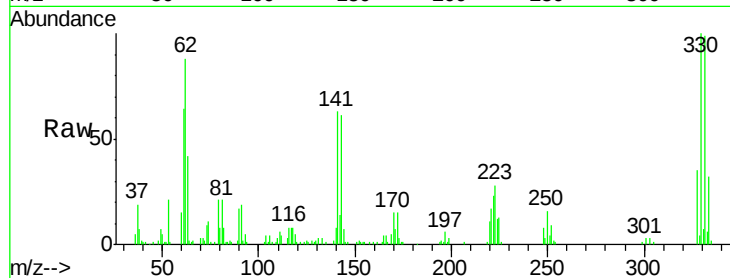




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.34 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

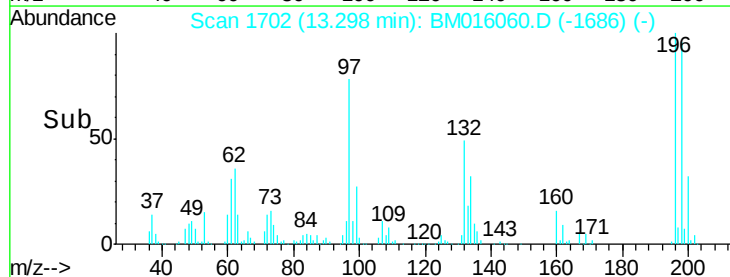
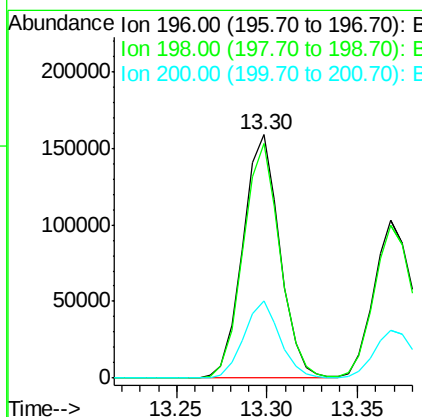
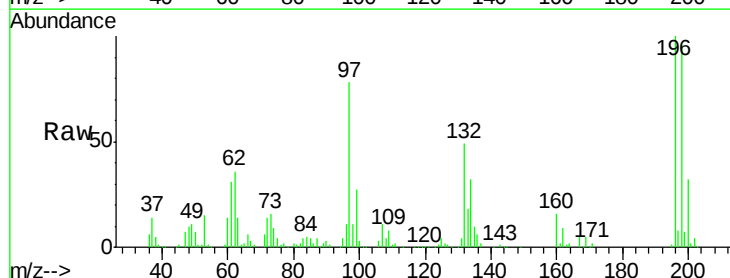
Instrument :
 BNA_M
 ClientSampleId :
 1524

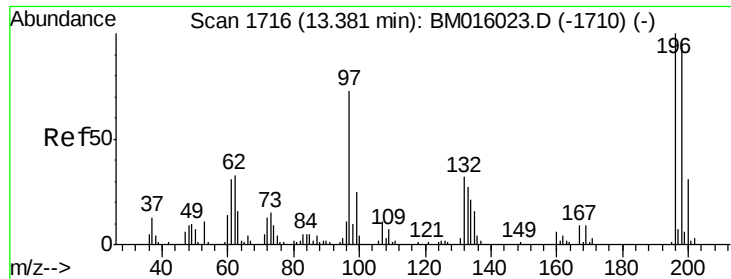
Tgt Ion:330 Resp: 97395
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 68.8 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 116.741 ng
 RT: 13.30 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Tgt Ion:196 Resp: 224932
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 200 31.7 25.6 38.4

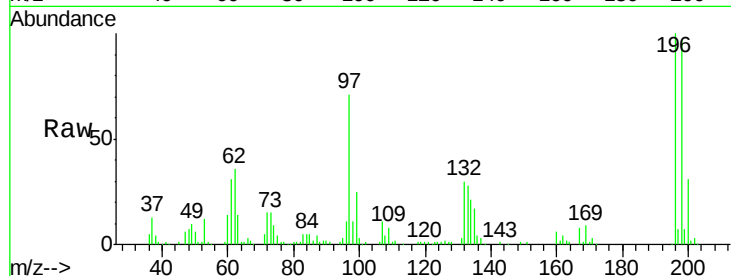




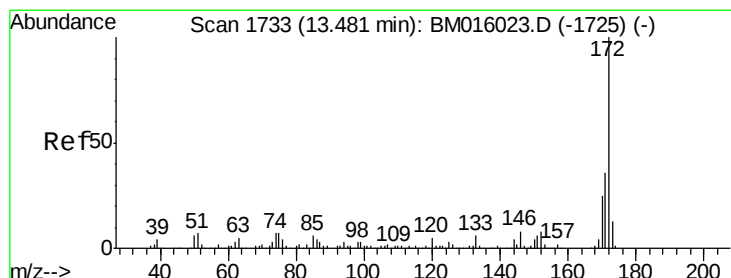
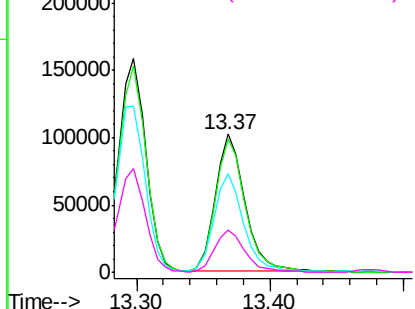
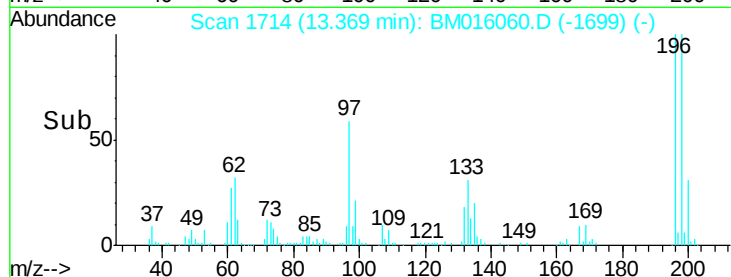
#43
 2,4,5-Trichlorophenol
 Concen: 80.071 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Instrument :
 BNA_M
 ClientSampled :
 1524

Tgt Ion	Resp	Lower	Upper
196	159135		
198	96.6	79.4	119.0
97	71.2	26.8	40.2
132	30.2	18.6	28.0

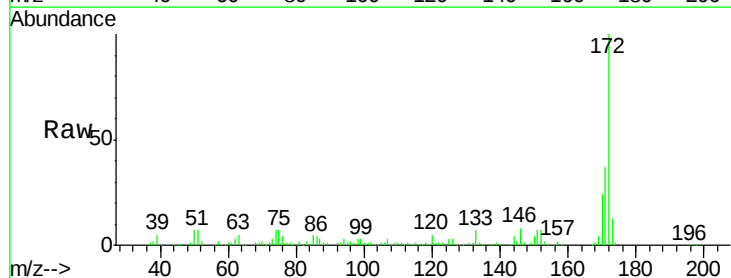


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

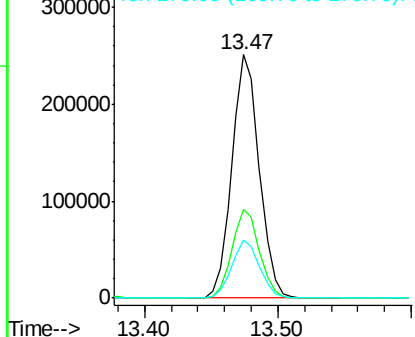
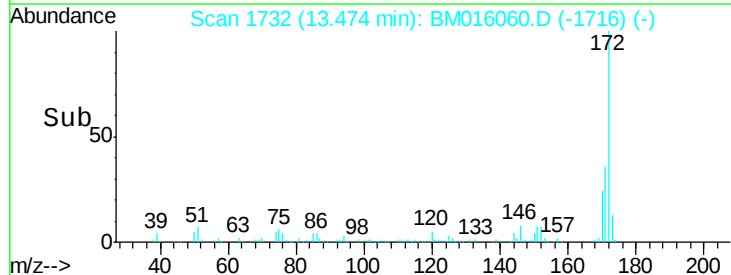


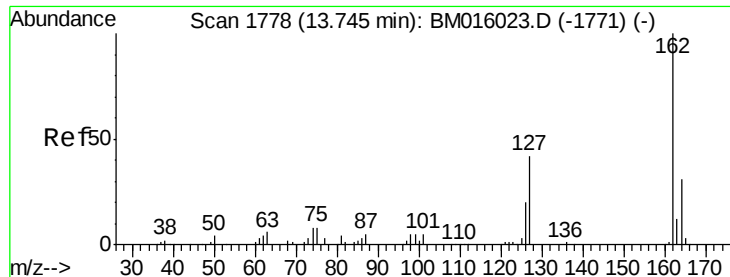
#44
 2-Fluorobiphenyl
 Concen: 80.071 ng
 RT: 13.47 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Tgt Ion	Resp	Lower	Upper
172	358568		
171	36.7	28.5	42.7
170	24.1	18.8	28.2



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

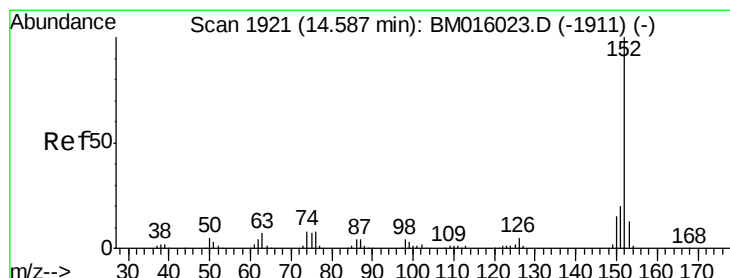
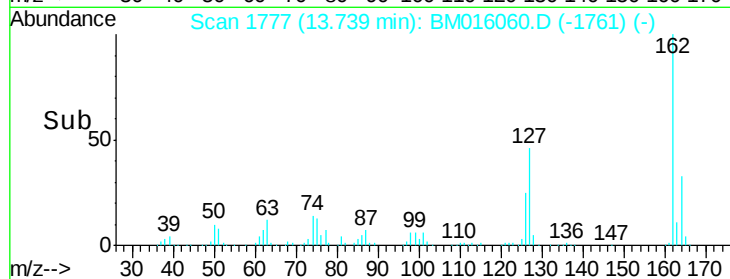
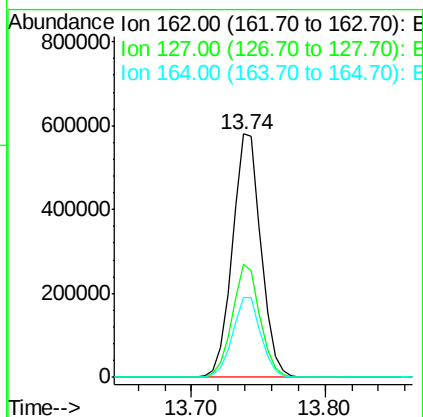
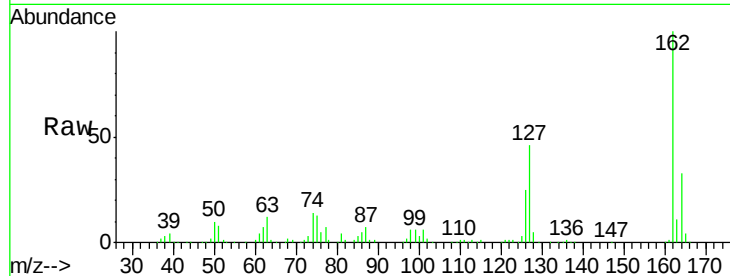




#46
2-Chloronaphthalene
Concen: 135.923 ng
RT: 13.74 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

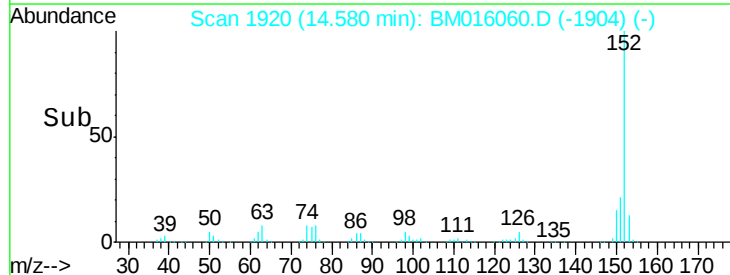
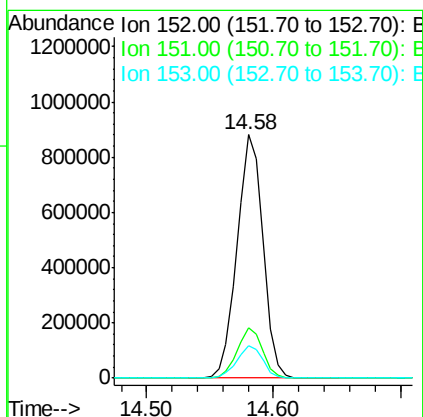
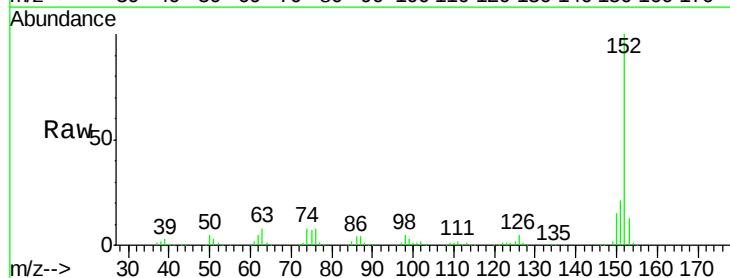
Instrument :
BNA_M
ClientSampleId :
1524

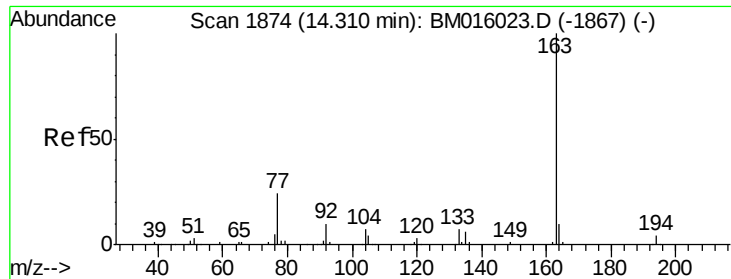
Tgt Ion:162 Resp: 863031
Ion Ratio Lower Upper
162 100
127 46.5 26.9 40.3#
164 32.7 26.8 40.2



#48
Acenaphthylene
Concen: 133.291 ng
RT: 14.58 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Tgt Ion:152 Resp: 1238951
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.4 10.6 16.0





#49

Dimethylphthalate

Concen: 27.626 ng

RT: 14.30 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

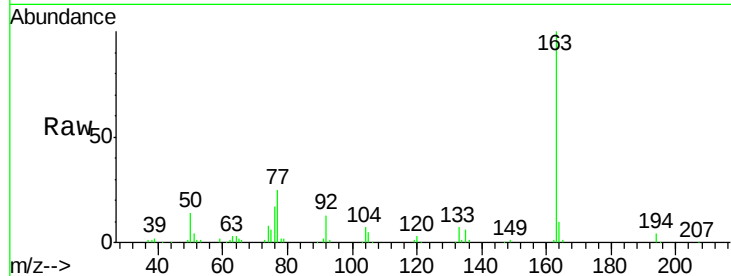
Tgt Ion:163 Resp: 218698

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

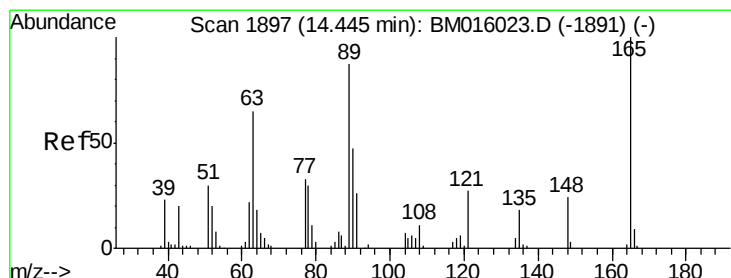
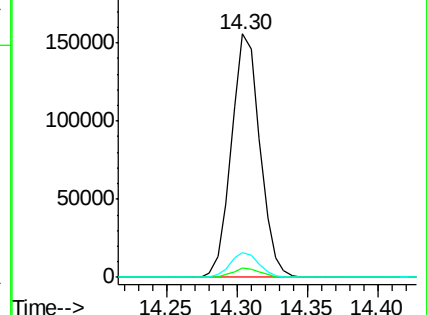
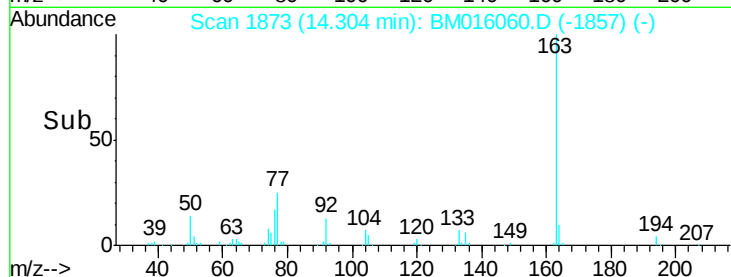
164 10.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 131.883 ng

RT: 14.44 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

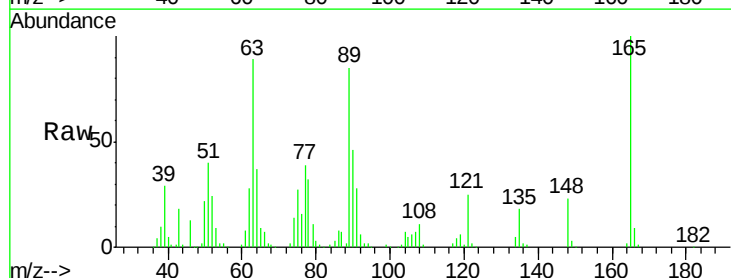
Tgt Ion:165 Resp: 210064

Ion Ratio Lower Upper

165 100

63 88.7 44.1 66.1#

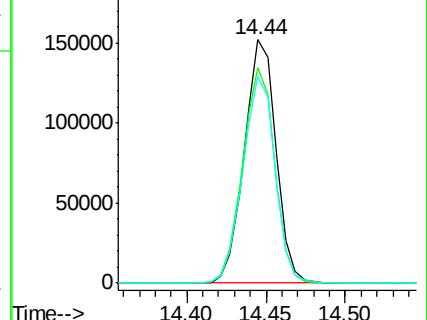
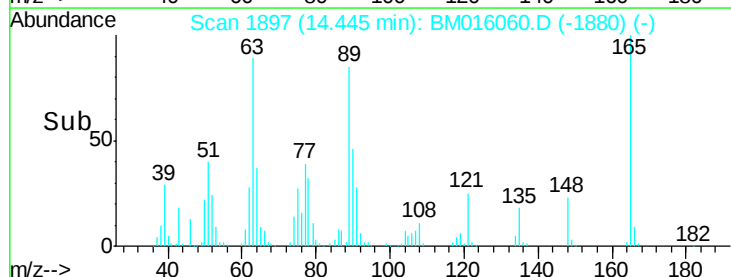
89 85.1 44.3 66.5#

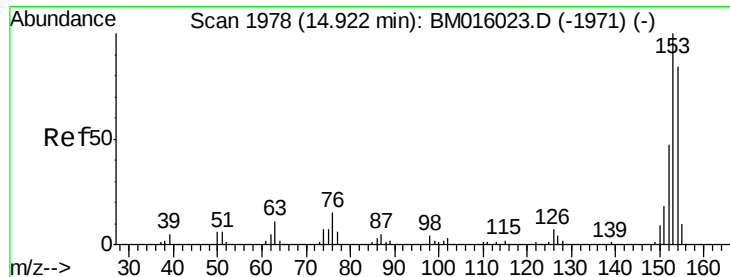


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 149.392 ng

RT: 14.92 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

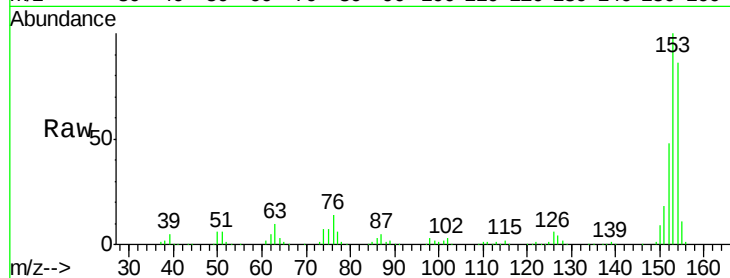
Tgt Ion:154 Resp: 854018

Ion Ratio Lower Upper

154 100

153 116.0 90.0 135.0

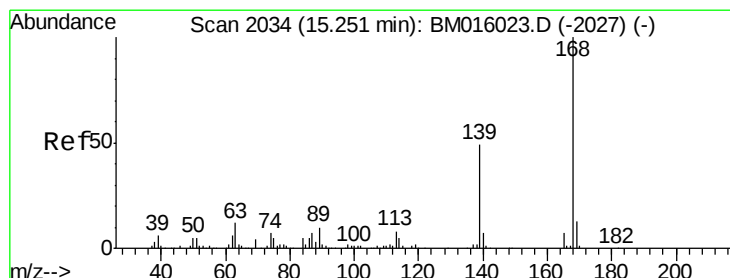
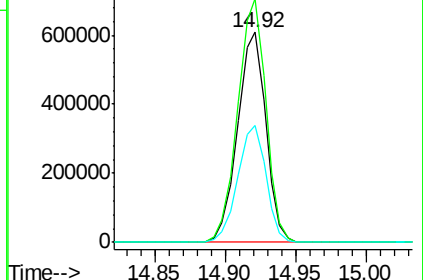
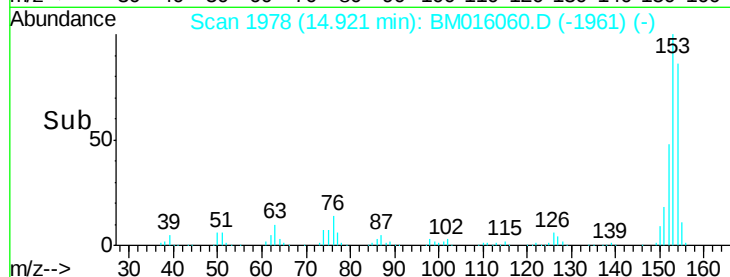
152 56.0 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 169.075 ng

RT: 15.25 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

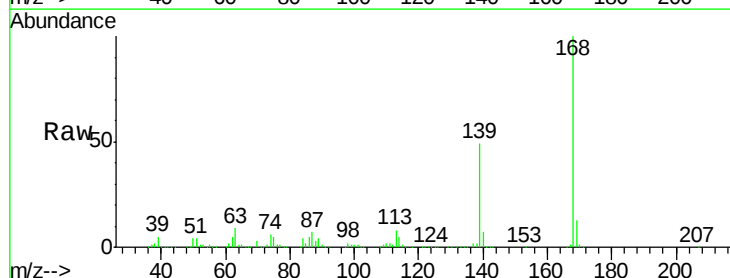
Tgt Ion:168 Resp: 1592757

Ion Ratio Lower Upper

168 100

139 48.9 27.3 40.9#

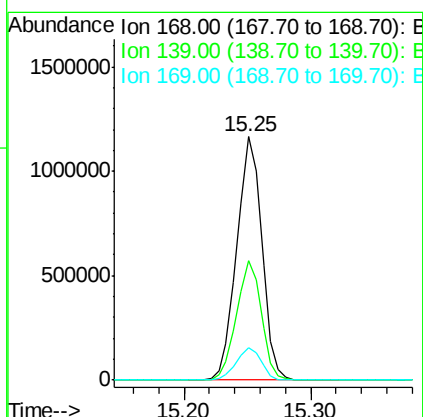
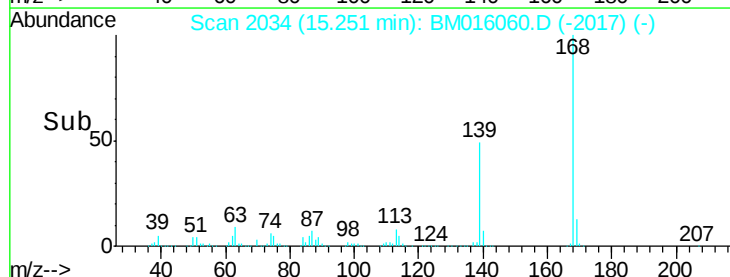
169 13.1 10.6 16.0

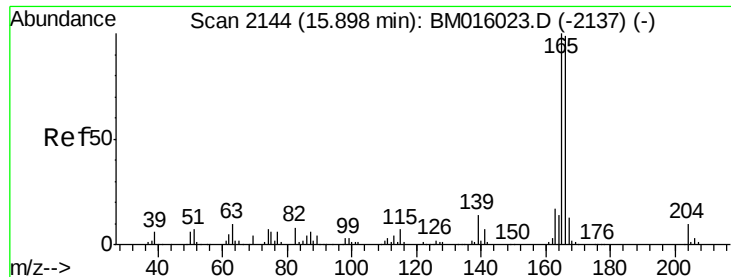


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

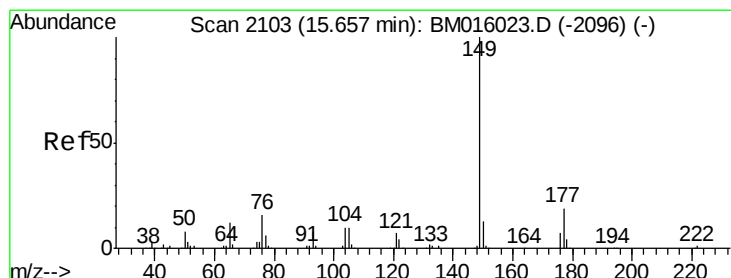
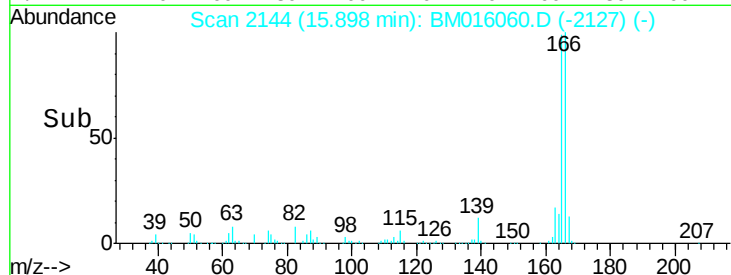
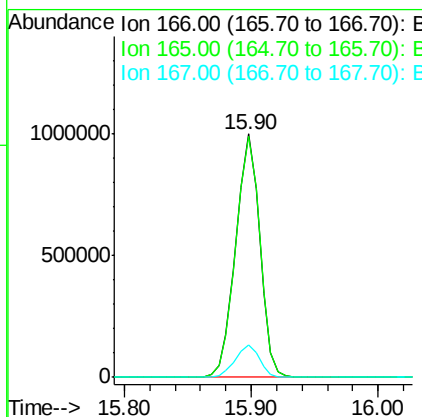
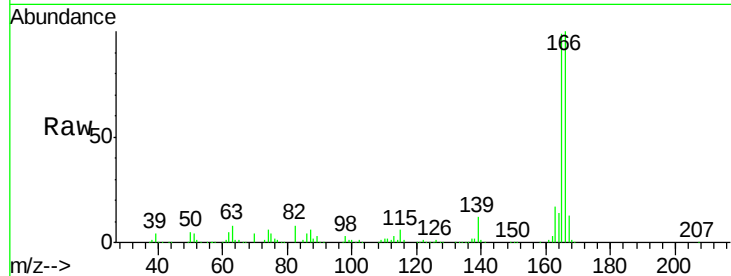




#57
 Fluorene
 Concen: 186.653 ng
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

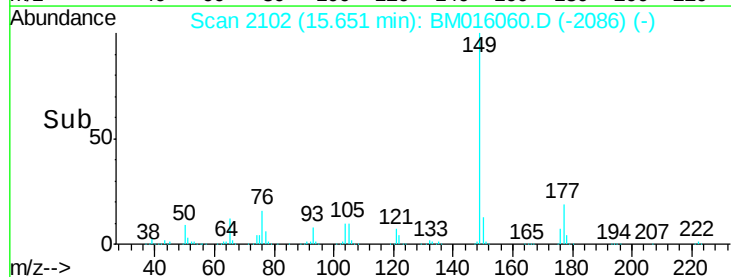
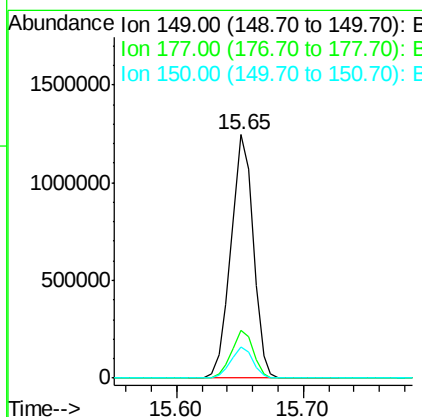
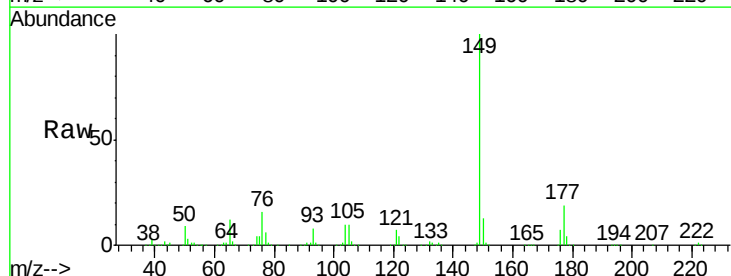
Instrument :
 BNA_M
 ClientSampleId :
 1524

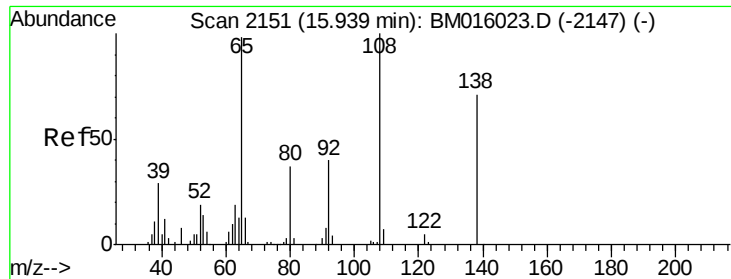
Tgt Ion:166 Resp: 1306632
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.0 118.4
 167 13.3 10.3 15.5



#59
 Diethylphthalate
 Concen: 176.391 ng
 RT: 15.65 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Tgt Ion:149 Resp: 1505093
 Ion Ratio Lower Upper
 149 100
 177 19.4 18.3 27.5
 150 12.9 9.8 14.8

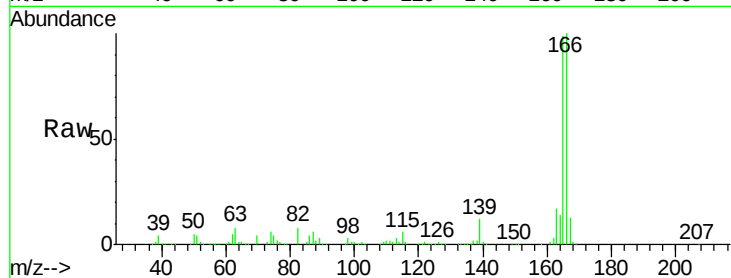




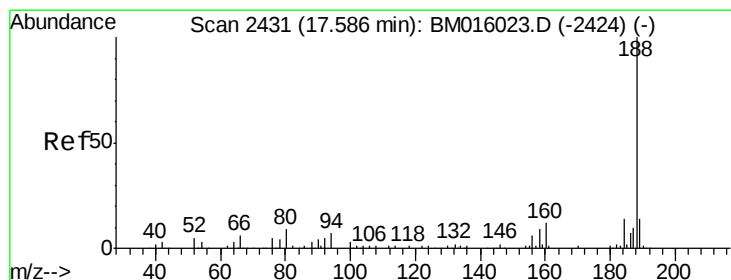
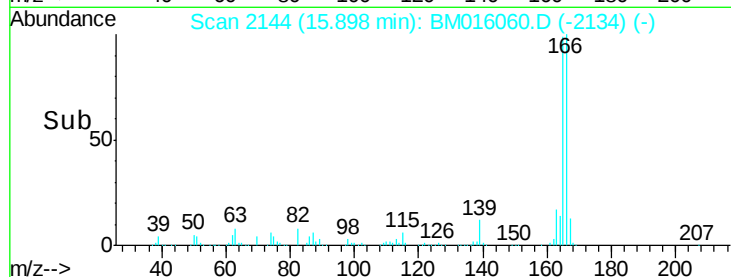
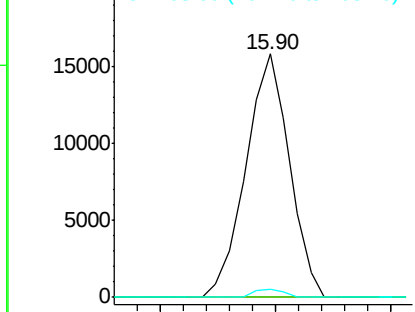
#61
4-Nitroaniline
Concen: 12.596 ng
RT: 15.90 min Scan# 2144
Delta R.T. -0.04 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Instrument :
BNA_M
ClientSampleId :
1524

Tgt Ion:138 Resp: 20792
Ion Ratio Lower Upper
138 100
92 0.0 16.7 56.7#
108 3.3 37.6 77.6#

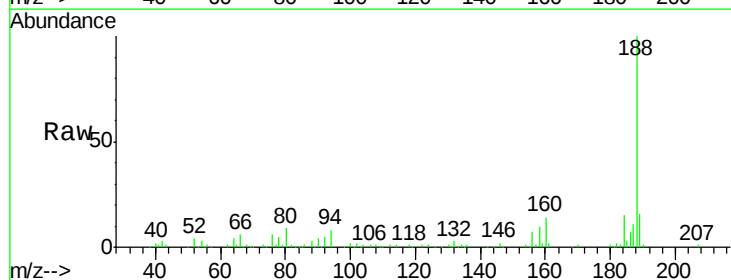


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

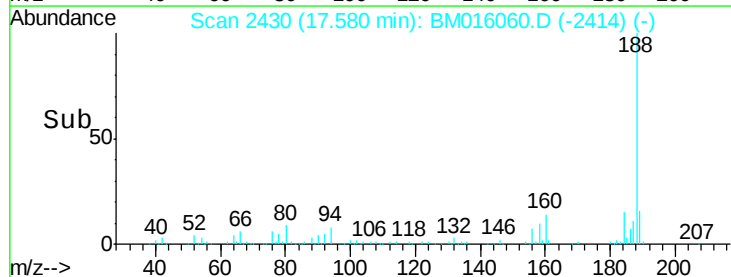
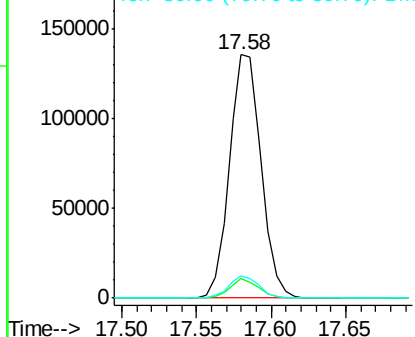


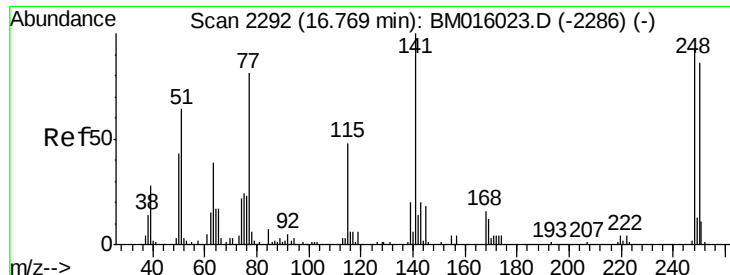
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.58 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Tgt Ion:188 Resp: 201358
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.9 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

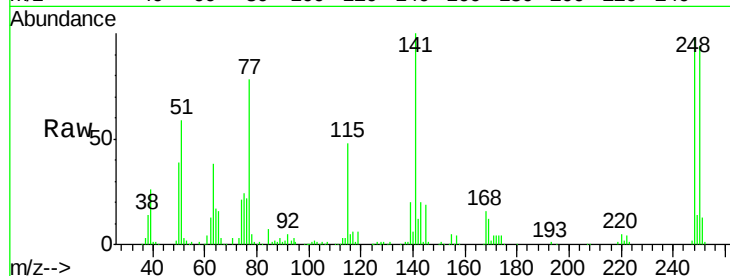




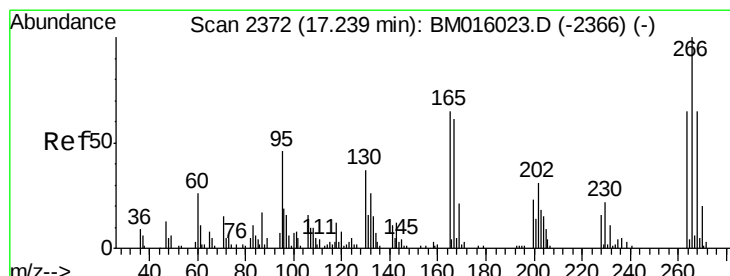
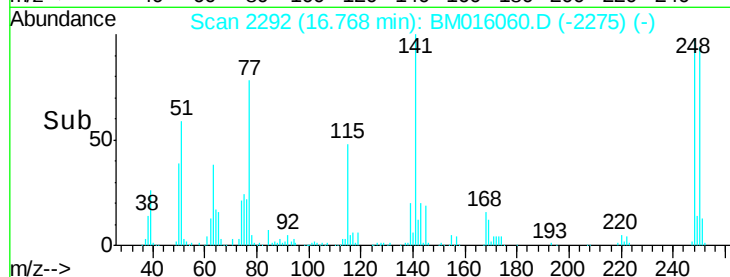
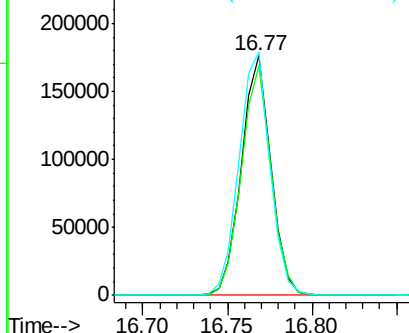
#66
 4-Bromophenyl-phenylether
 Concen: 94.457 ng
 RT: 16.77 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Instrument :
 BNA_M
 ClientSampled :
 1524

Tgt Ion:248 Resp: 215368
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.4 116.0
 141 101.7 45.2 67.8#

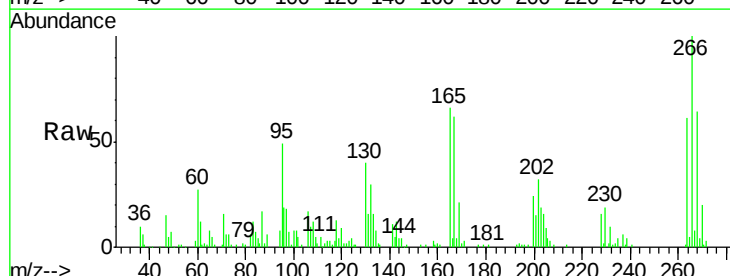


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

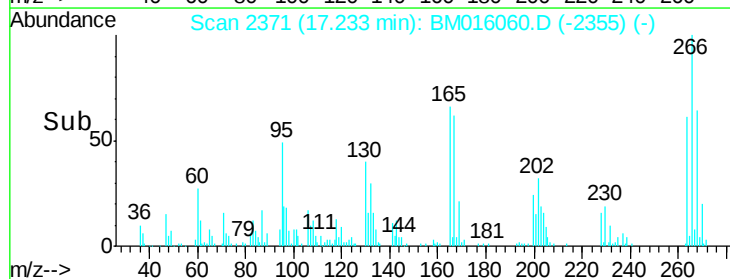
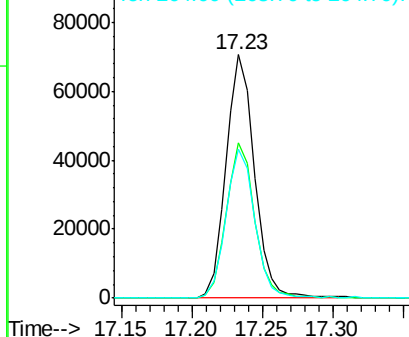


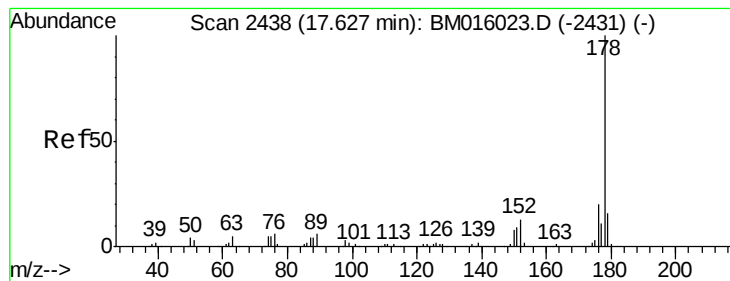
#69
 Pentachlorophenol
 Concen: 63.928 ng
 RT: 17.23 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BM016060.D
 Acq: 24 Jul 2018 17:52

Tgt Ion:266 Resp: 99396
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.0 78.0
 264 61.0 49.0 73.4



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





#70

Phenanthrene

Concen: 133.736 ng

RT: 17.63 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

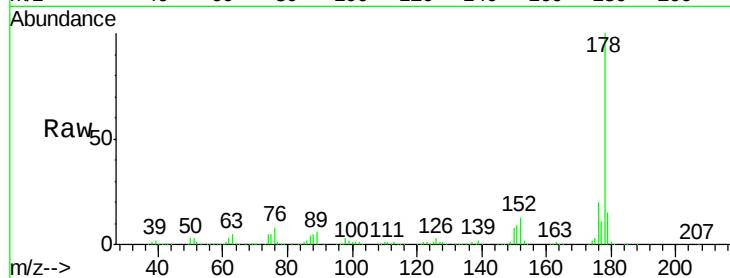
Tgt Ion:178 Resp: 1507634

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

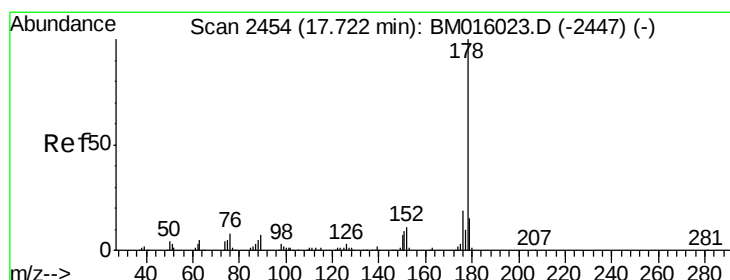
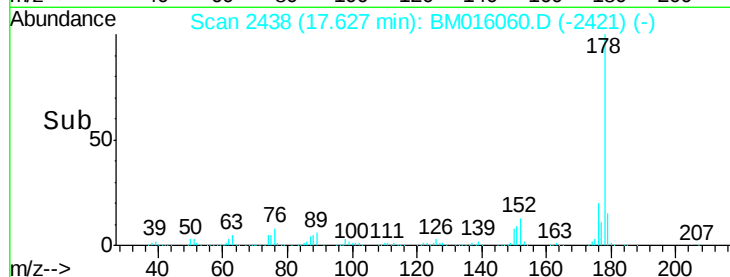
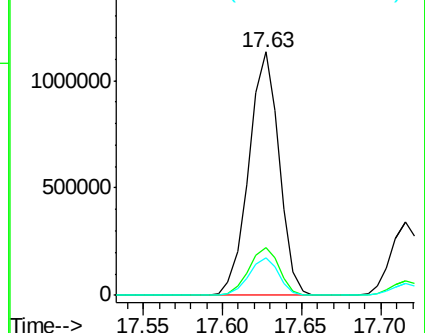
179 15.4 12.1 18.1



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



#71

Anthracene

Concen: 41.828 ng

RT: 17.72 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

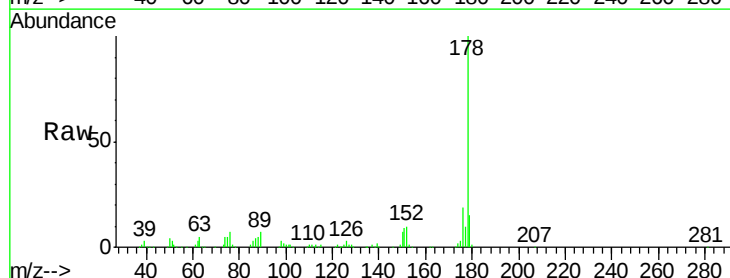
Tgt Ion:178 Resp: 458282

Ion Ratio Lower Upper

178 100

176 19.4 14.6 22.0

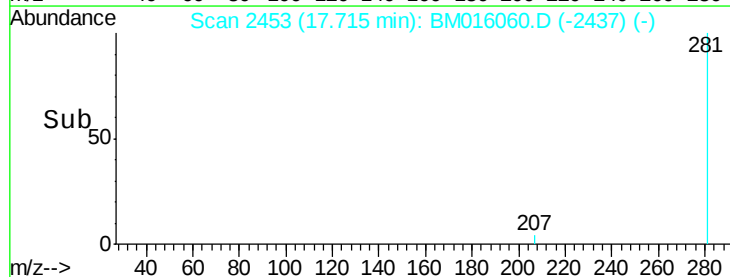
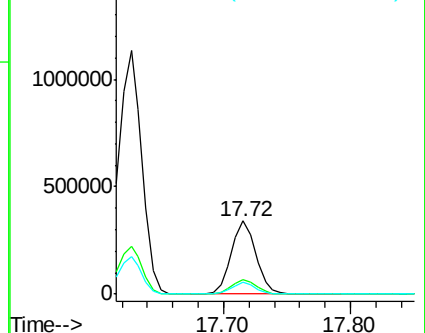
179 15.5 12.6 19.0

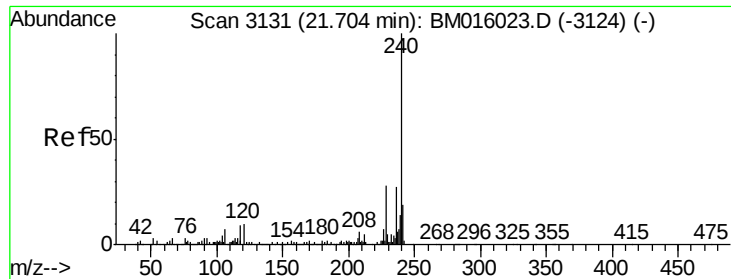


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

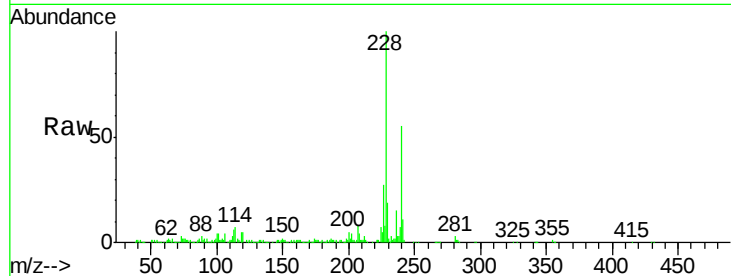
Tgt Ion:240 Resp: 243995

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

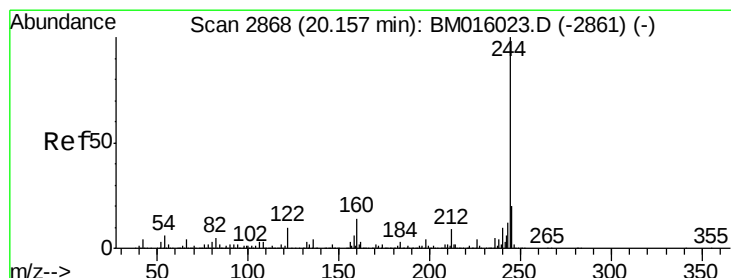
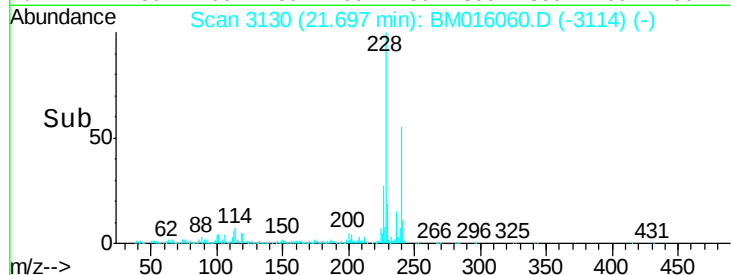
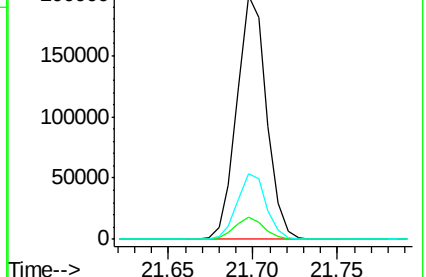
236 27.1 20.0 30.0



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



#78

Terphenyl-d14

Concen: Below ng

RT: 20.15 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

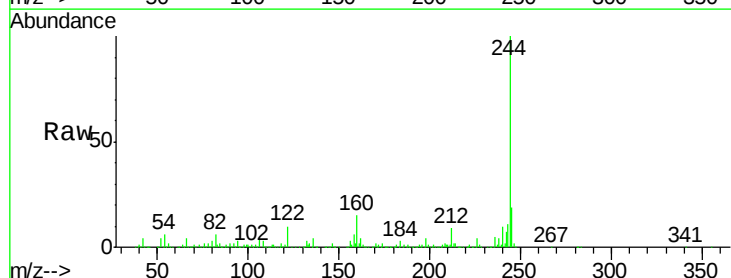
Tgt Ion:244 Resp: 694522

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

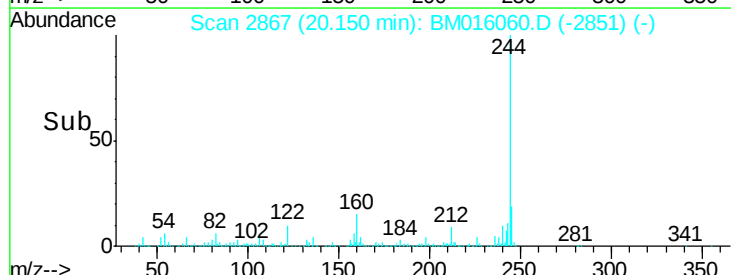
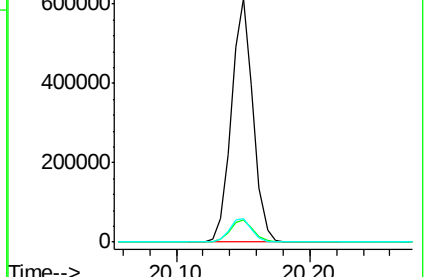
122 9.8 6.2 9.4#

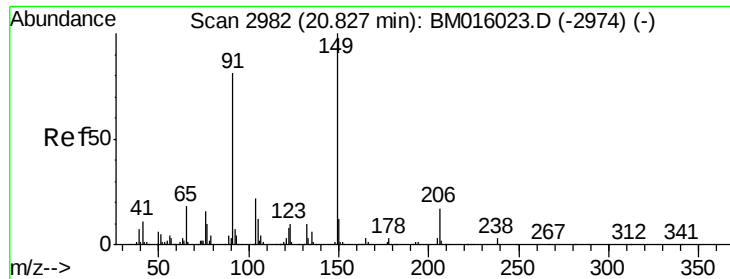


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

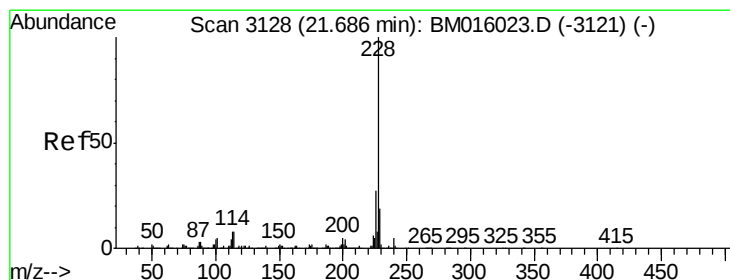
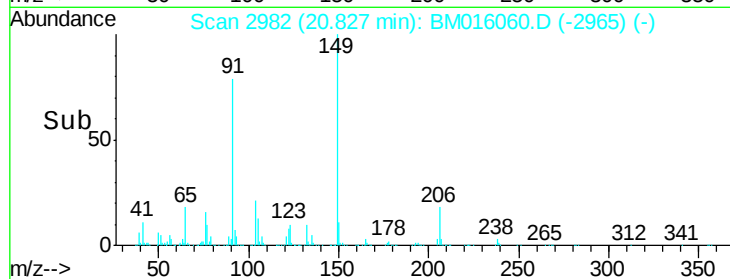
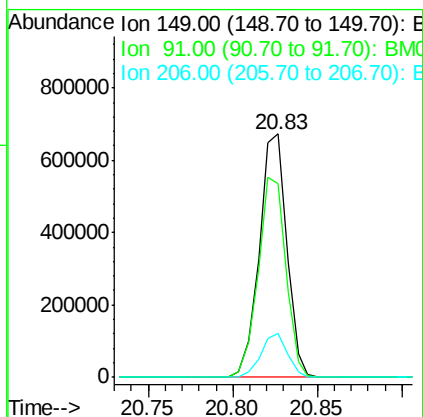
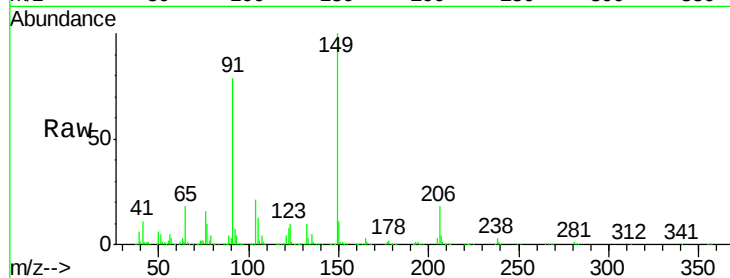




#79
Butylbenzylphthalate
Concen: 102.474 ng
RT: 20.83 min Scan# 2982
Delta R.T. -0.00 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

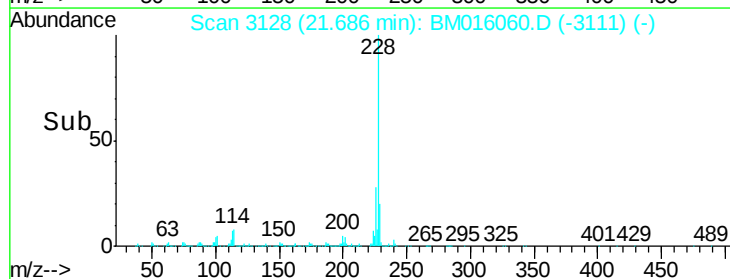
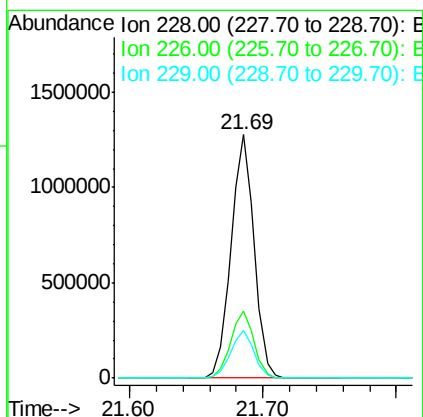
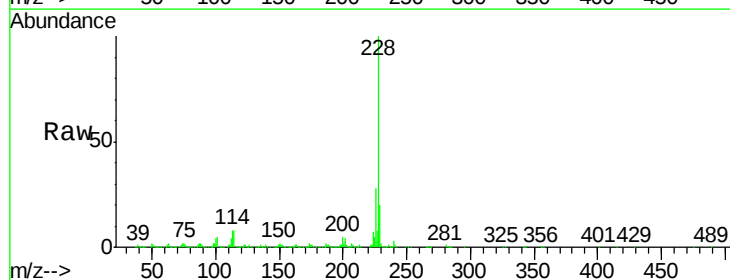
Instrument :
BNA_M
ClientSampleId :
1524

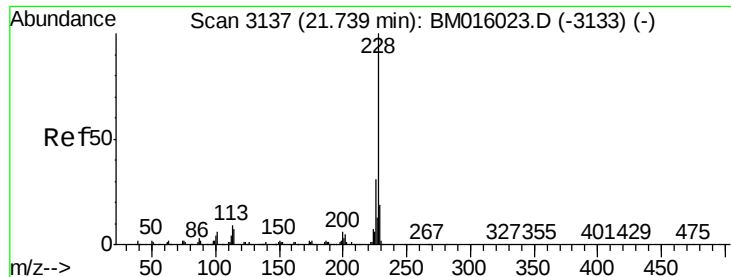
Tgt Ion:149 Resp: 761177
Ion Ratio Lower Upper
149 100
91 79.4 50.1 75.1#
206 18.0 16.2 24.2



#80
Benzo(a)anthracene
Concen: 103.098 ng
RT: 21.69 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM016060.D
Acq: 24 Jul 2018 17:52

Tgt Ion:228 Resp: 1549344
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.7 16.0 24.0





#82

Chrysene

Concen: 107.582 ng

RT: 21.69 min Scan# 3128

Delta R.T. -0.05 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

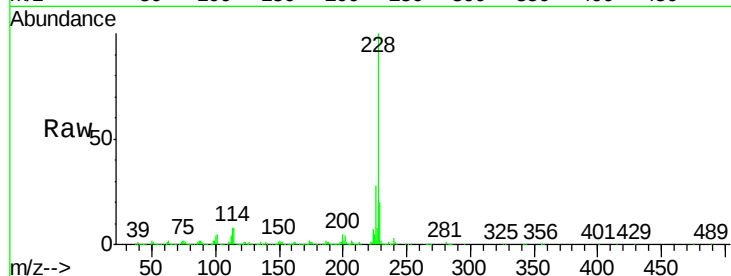
Tgt Ion:228 Resp: 1550864

Ion Ratio Lower Upper

228 100

226 27.7 24.1 36.1

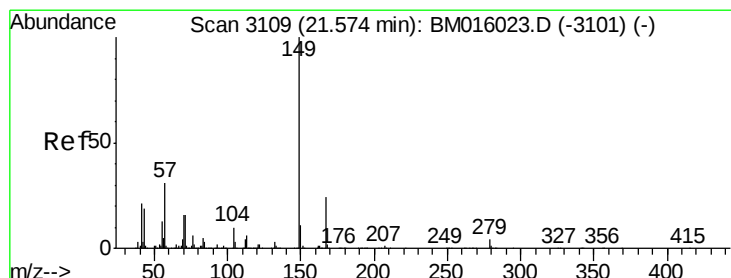
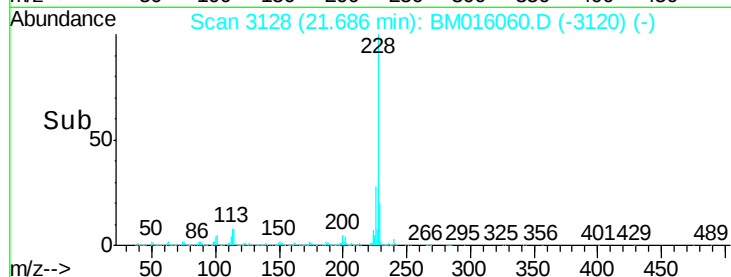
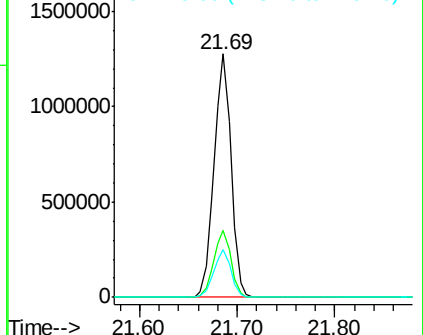
229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 87.382 ng

RT: 21.57 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

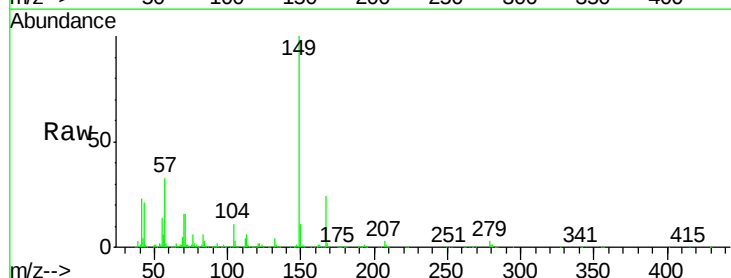
Tgt Ion:149 Resp: 940673

Ion Ratio Lower Upper

149 100

167 23.7 22.4 33.6

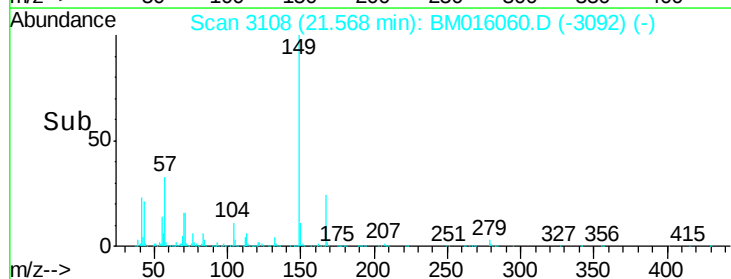
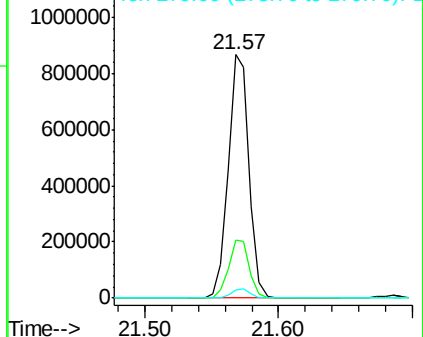
279 3.3 3.4 5.0#

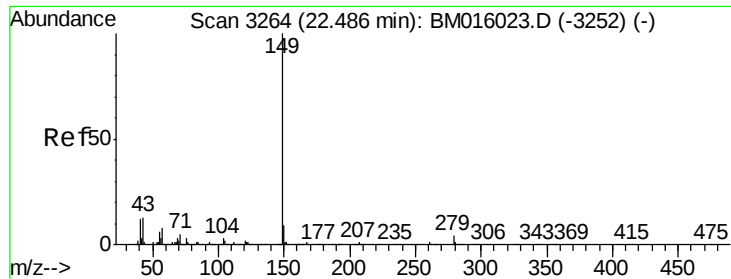


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 58.506 ng

RT: 22.48 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

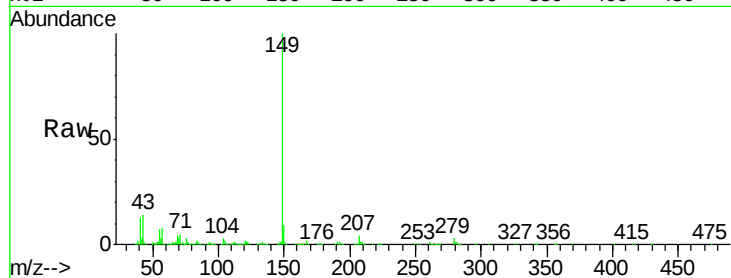
Tgt Ion:149 Resp: 1058540

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

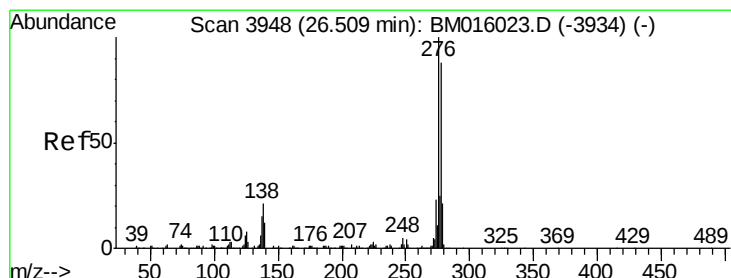
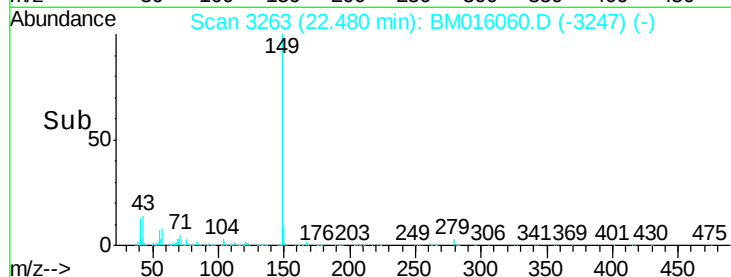
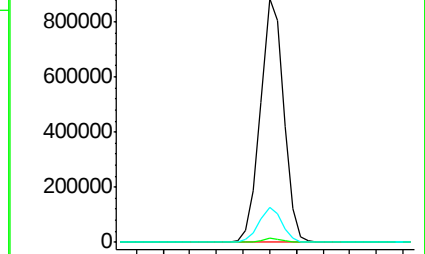
43 13.9 7.3 10.9#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.315 ng

RT: 26.50 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

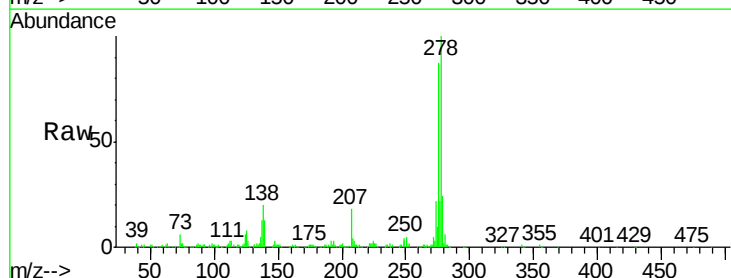
Tgt Ion:276 Resp: 621218

Ion Ratio Lower Upper

276 100

138 22.8 12.0 18.0#

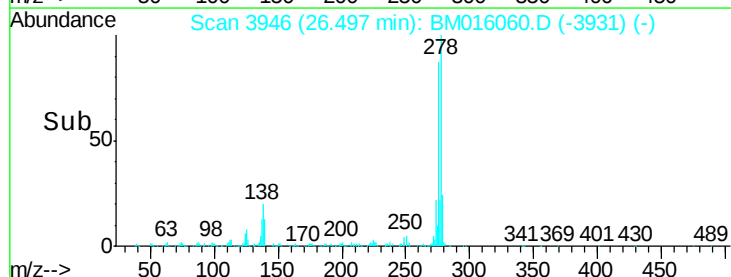
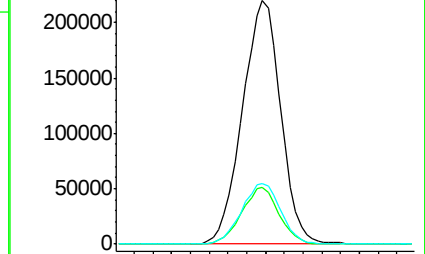
277 25.5 20.0 30.0

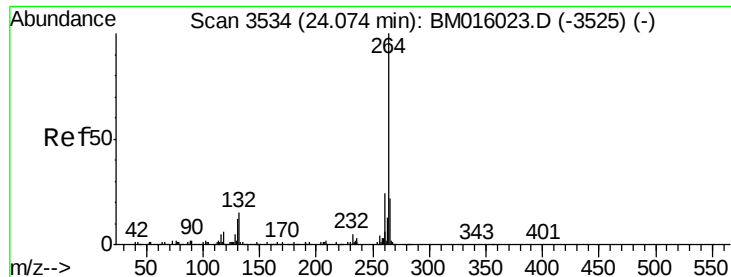


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.07 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

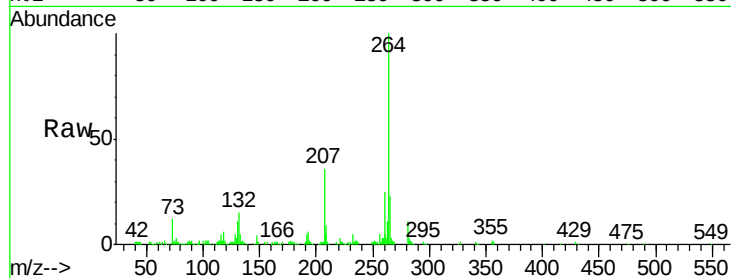
Tgt Ion:264 Resp: 234744

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

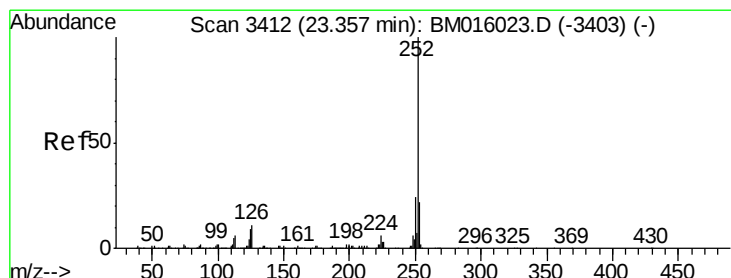
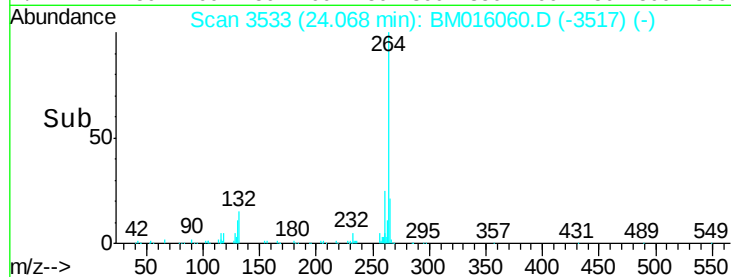
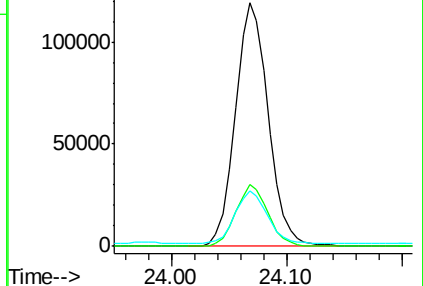
265 22.7 17.3 25.9



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



#87

Benzo(b)fluoranthene

Concen: 81.486 ng

RT: 23.35 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

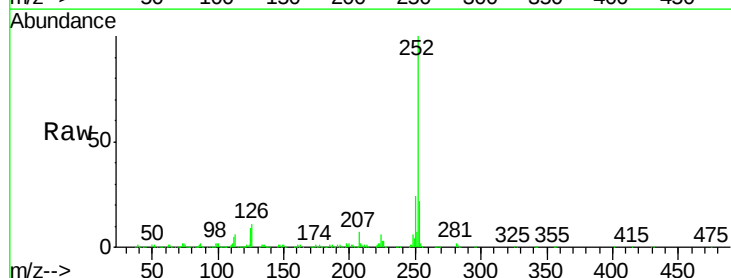
Tgt Ion:252 Resp: 1126227

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

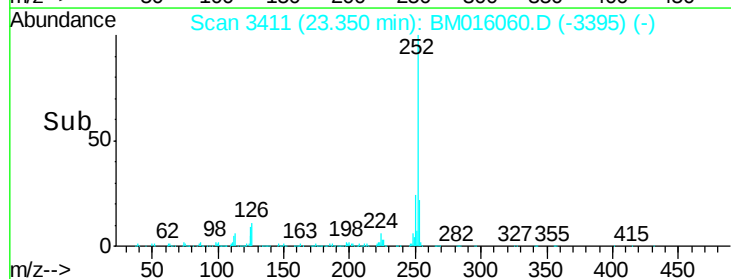
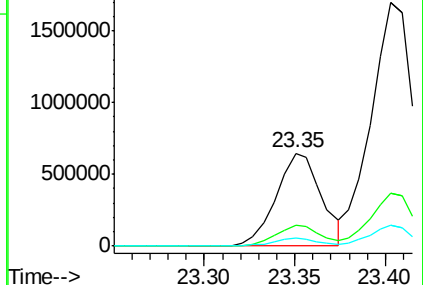
125 8.8 9.9 14.9#

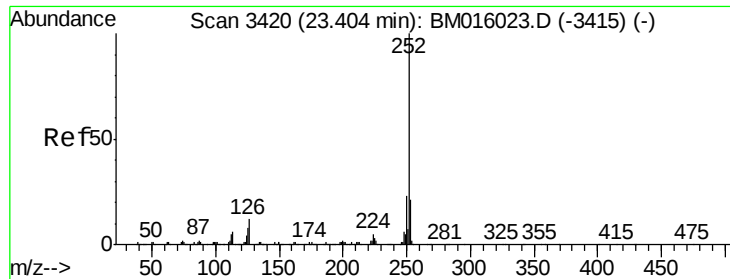


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 194.797 ng

RT: 23.40 min Scan# 3420

Delta R.T. -0.00 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

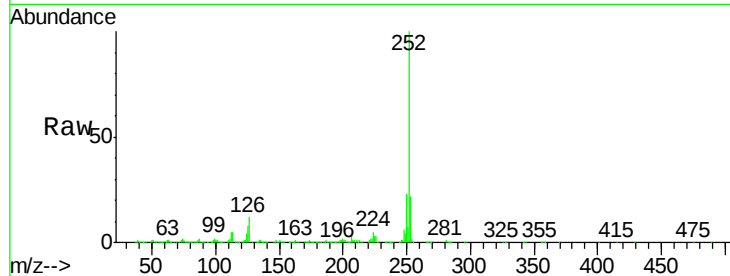
Tgt Ion:252 Resp: 2728528

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

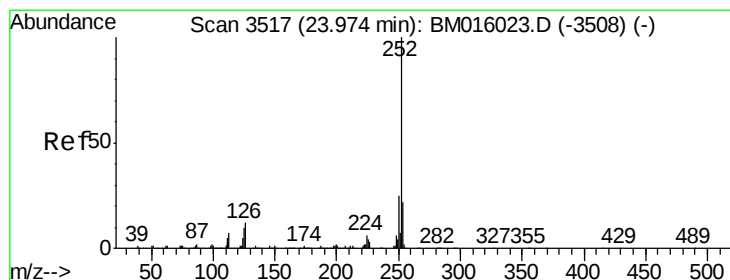
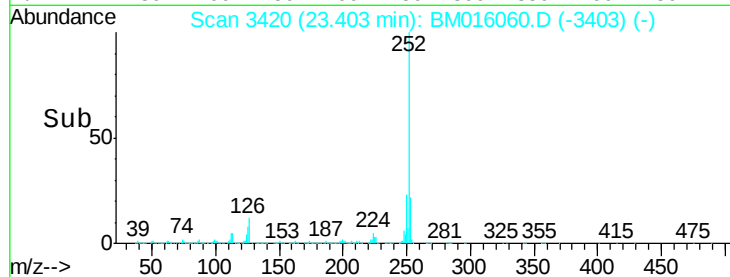
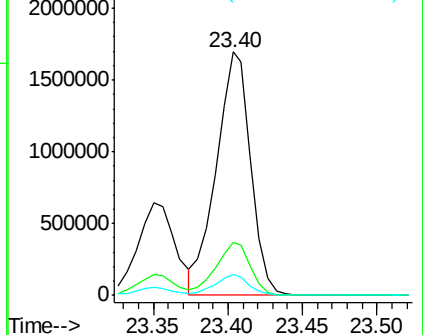
125 8.4 8.1 12.1



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(a)pyrene

Concen: 195.518 ng

RT: 23.98 min Scan# 3518

Delta R.T. 0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

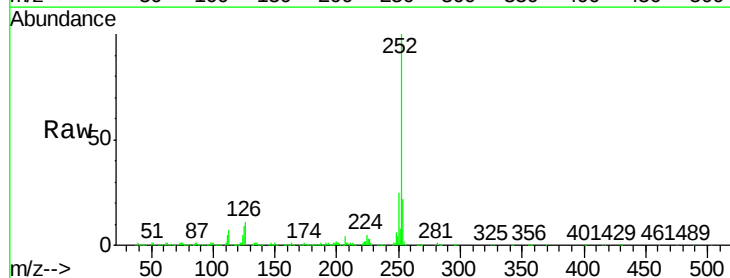
Tgt Ion:252 Resp: 2597812

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

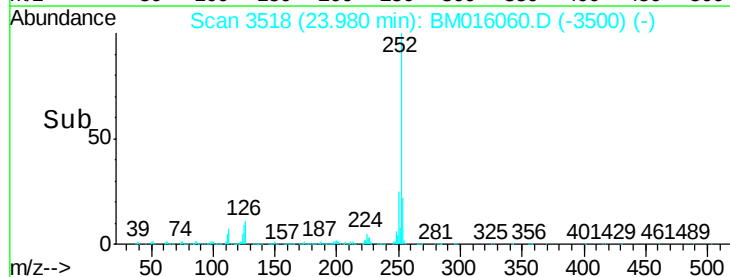
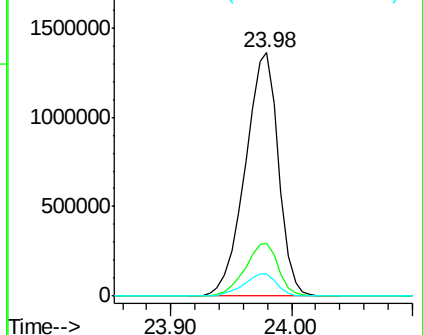
125 8.9 7.4 11.2

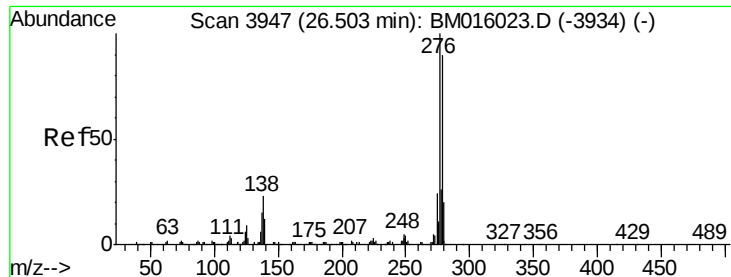


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 49.503 ng

RT: 26.50 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BM016060.D

Acq: 24 Jul 2018 17:52

Instrument :

BNA_M

ClientSampleId :

1524

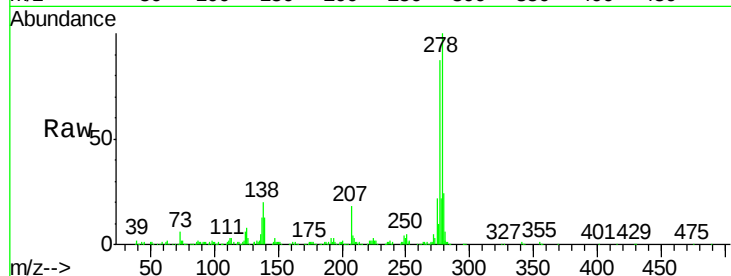
Tgt Ion: 278 Resp: 681458

Ion Ratio Lower Upper

278 100

139 13.3 13.4 20.0#

279 24.2 19.0 28.4



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

