

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
 Data File : BM017063.D
 Acq On : 08 Oct 2018 12:14
 Operator : MJ/SJ
 Sample : J5230-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 09 02:37:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 09 02:36:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	204536	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	913916	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	491242	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1064347	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1164235	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1205403	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	17635	4.29	ng/uL	0.00
5) Phenol-d5	6.87	99	505566	29.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	309336	29.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	422451	29.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	383687	28.64	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	206529	30.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	189707	27.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	425589	30.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	402725	23.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1215096	31.18	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	1617935	32.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	162578	22.08	ng/ul	0.00
58) Fluorene-d10	15.33	176	1104422	31.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	108831	17.34	ng/ul	0.00
71) Anthracene-d10	17.18	188	1650206	32.46	ng/ul	0.00
79) Pyrene-d10	19.48	212	1776632	33.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	2093969	33.93	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	80879	18.705	ng/uL 94
4) Benzaldehyde	6.85	77	409332	38.566	ng/ul 94
6) Phenol	6.90	94	681271	39.828	ng/ul 100
10) 2-Chlorophenol	7.26	128	353786	24.995	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.50	70	283010	28.558	ng/ul 100
20) Nitrobenzene	8.89	77	358343	22.696	ng/ul 99
23) 2-Nitrophenol	9.59	139	180644	23.528	ng/ul 96
27) 2,4-Dichlorophenol	10.12	162	359093	26.436	ng/ul 98
28) Naphthalene	10.52	128	843926	17.973	ng/ul 99
30) 4-Chloroaniline	10.52	127	110200	6.473	ng/ul# 3
31) Hexachlorobutadiene	10.80	225	258545	27.994	ng/ul 98
33) 4-Chloro-3-methylphenol	11.76	107	585972	41.987	ng/ul 97
35) 1-Methylnaphthalene	12.36	142	762062	23.604	ng/ul 100
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	364482	21.608	ng/ul 98
39) 2,4,6-Trichlorophenol	12.75	196	387189	38.035	ng/ul 98
40) 2,4,5-Trichlorophenol	12.75	196	374372	34.260	ng/ul 98
41) 1,1'-Biphenyl	13.16	154	1153464	28.481	ng/ul 99
42) 2-Chloronaphthalene	13.20	162	558514	17.506	ng/ul 99
45) Dimethylphthalate	13.80	163	865285	22.420	ng/ul 100
46) 2,6-Dinitrotoluene	13.92	165	145325	22.366	ng/ul# 86
50) Acenaphthene	14.40	153	767396	22.633	ng/ul 99
53) 4-Nitrophenol	14.55	109	117688	22.010	ng/ul 98
54) Dibenzofuran	14.73	168	885239	18.490	ng/ul 100

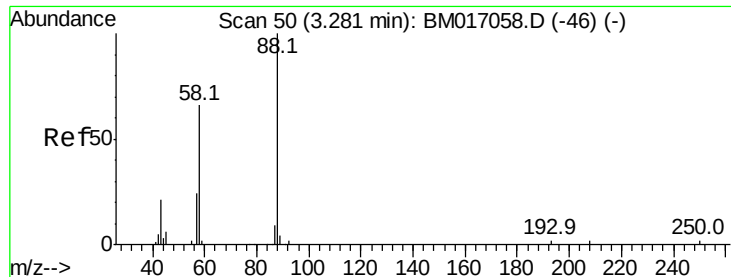
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 2,3,4,6-Tetrachlorophenol	14.96	232	203447	20.752	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	350022	17.205	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	212478	31.938	ng/ul	97
67) Hexachlorobenzene	16.39	284	275684	20.420	ng/ul	98
69) Pentachlorophenol	16.73	266	247153	30.364	ng/ul	97
70) Phenanthrene	17.12	178	1099822	18.429	ng/ul	99
72) Anthracene	17.22	178	1284468	21.182	ng/ul	100
75) Carbazole	17.49	167	1099251	20.946	ng/ul	99
76) Di-n-butylphthalate	18.06	149	1005805	17.143	ng/ul	100
77) Fluoranthene	19.14	202	2785949	40.301	ng/ul	100
80) Pyrene	19.50	202	2015374	29.877	ng/ul	99
81) Butylbenzylphthalate	20.42	149	328908	14.131	ng/ul	99
83) Benzo(a)anthracene	21.26	228	2467051	35.323	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	665618	18.451	ng/ul	100
85) Chrysene	21.31	228	1718864	25.446	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	1892732	26.370	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	1892732	27.449	ng/ul	100
91) Benzo(a)pyrene	23.40	252	1657281	23.958	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.72	276	2286076	27.993	ng/ul	99
93) Dibenzo(a,h)anthracene	25.73	278	1484499	21.836	ng/ul	98

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



#2

1,4-Dioxane

Concen: 18.705 ng/uL

RT: 3.28 min Scan# 50

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Instrument :

BNA_M

ClientSampleId :

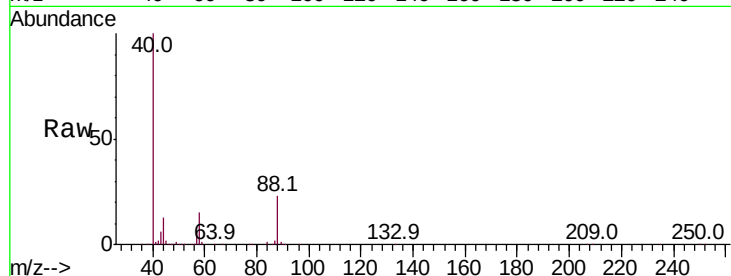
Tot Ion: 88 Resp: 80879

Ion Ratio Lower Upper

88 100

43 27.1 25.0 37.4

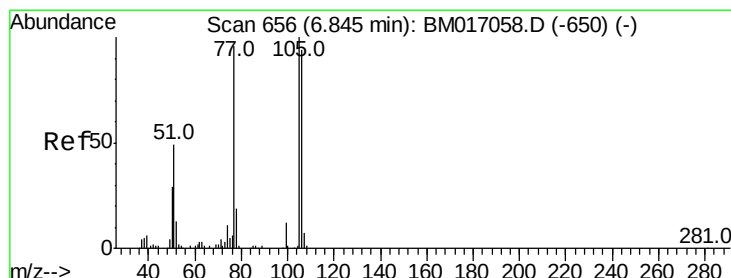
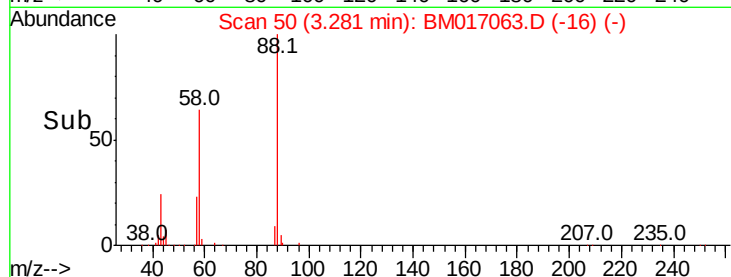
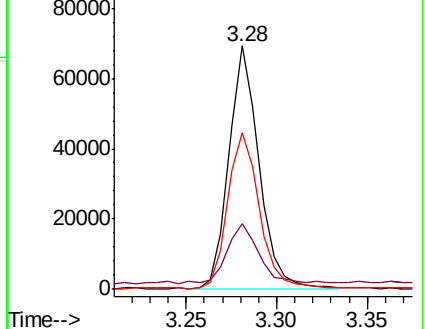
58 64.5 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): BM017058.D (-46) (-)

Ion 43.00 (42.70 to 43.70): BM017058.D (-46) (-)

Ion 58.00 (57.70 to 58.70): BM017058.D (-46) (-)



#4

Benzaldehyde

Concen: 38.566 ng/uL

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

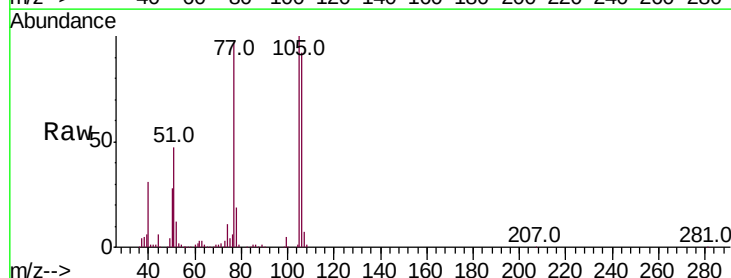
Tgt Ion: 77 Resp: 409332

Ion Ratio Lower Upper

77 100

105 103.5 75.4 113.2

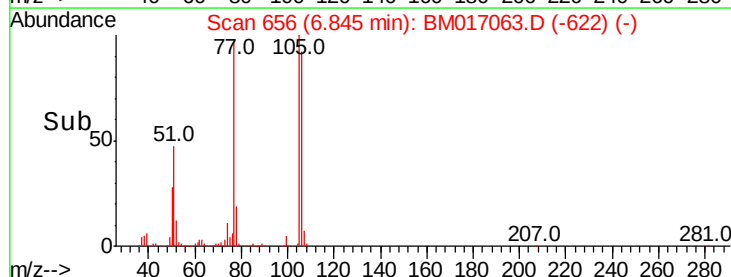
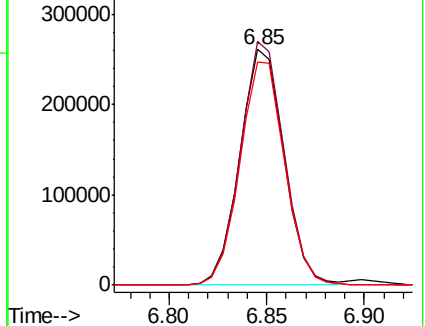
106 94.8 73.8 110.8

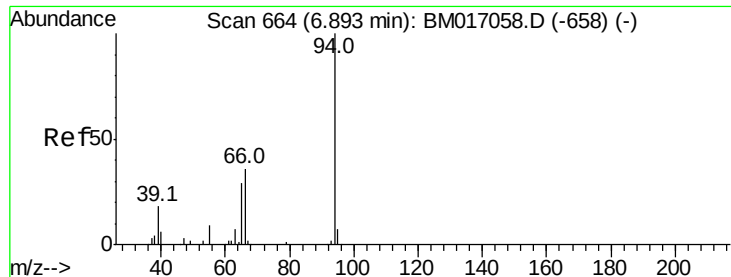


Abundance Ion 77.00 (76.70 to 77.70): BM017058.D (-650) (-)

Ion 105.00 (104.70 to 105.70): BM017058.D (-650) (-)

Ion 106.00 (105.70 to 106.70): BM017058.D (-650) (-)





#6

Phenol

Concen: 39.828 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Instrument :

BNA_M

ClientSampleId :

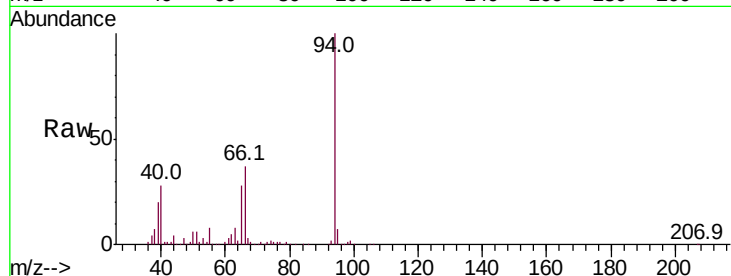
Tot Ion: 94 Resp: 681271

Ion Ratio Lower Upper

94 100

65 28.4 22.8 34.2

66 36.9 29.5 44.3

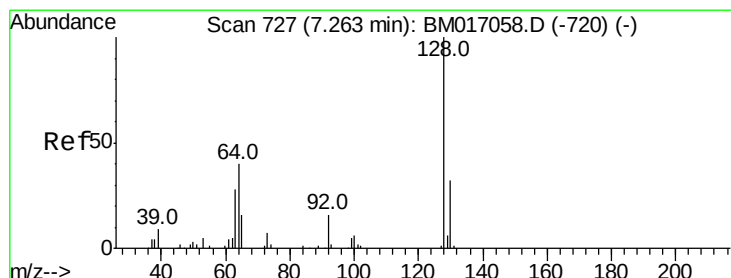
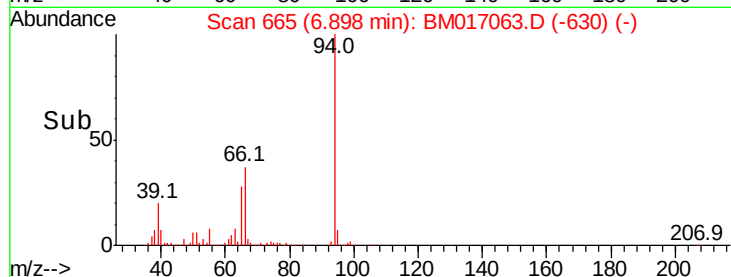
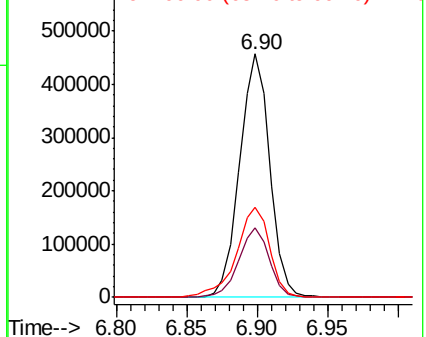


Abundance

Ion 94.00 (93.70 to 94.70): BM017058.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BM017058.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BM017058.D (-658) (-)



#10

2-Chlorophenol

Concen: 24.995 ng/ul

RT: 7.26 min Scan# 727

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

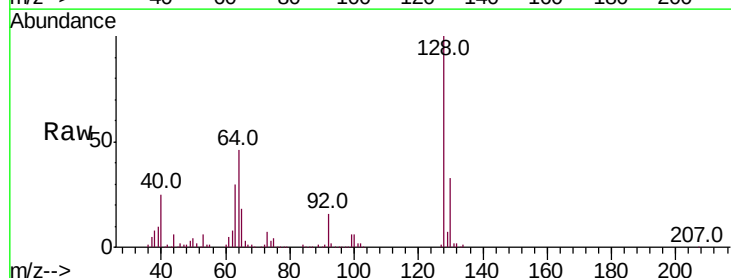
Tgt Ion: 128 Resp: 353786

Ion Ratio Lower Upper

128 100

64 45.8 37.2 55.8

130 32.7 26.1 39.1

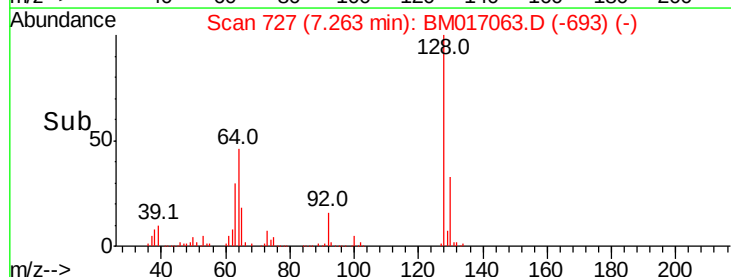
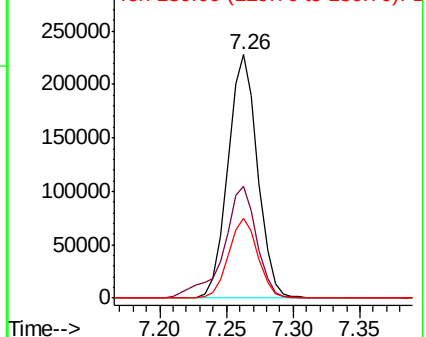


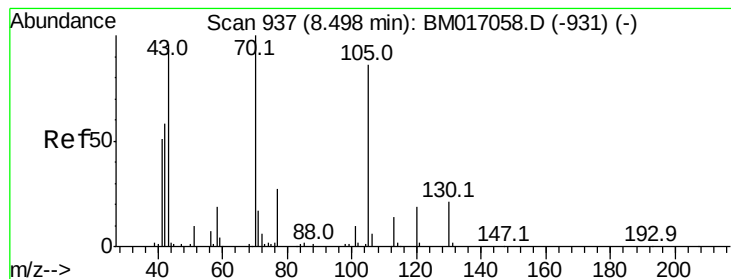
Abundance

Ion 128.00 (127.70 to 128.70): BM017058.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM017058.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM017058.D (-720) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 28.558 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 283010

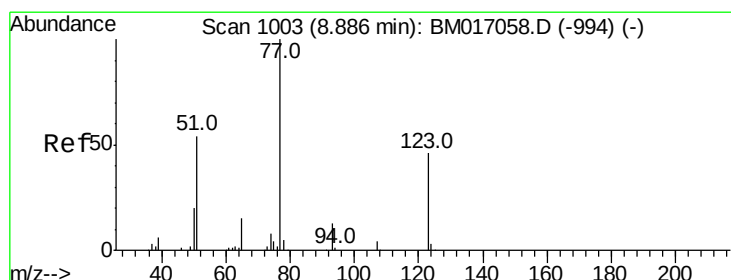
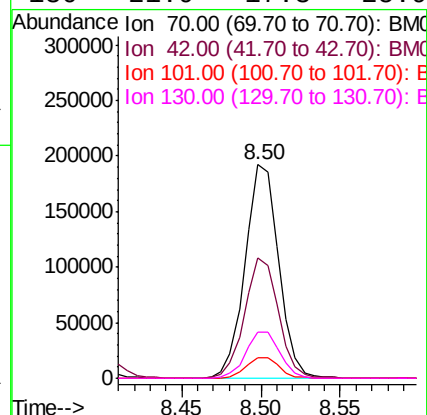
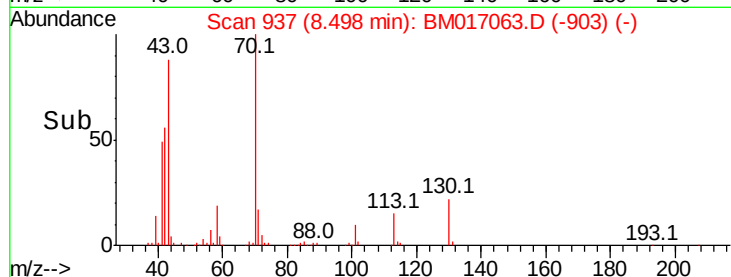
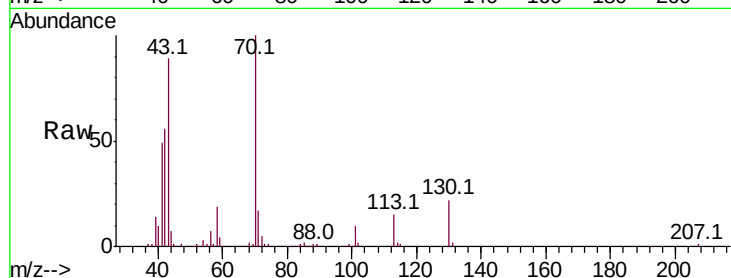
Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.1	67.7
101	9.8	7.5	11.3
130	21.9	17.3	25.9

70 100

42 56.4 45.1 67.7

101 9.8 7.5 11.3

130 21.9 17.3 25.9



#20

Nitrobenzene

Concen: 22.696 ng/ul

RT: 8.89 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

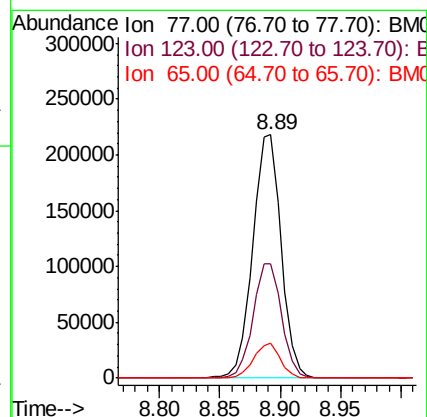
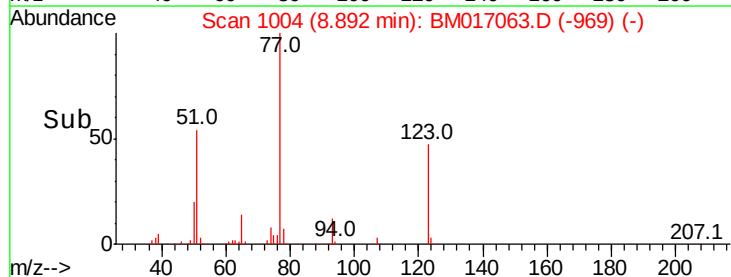
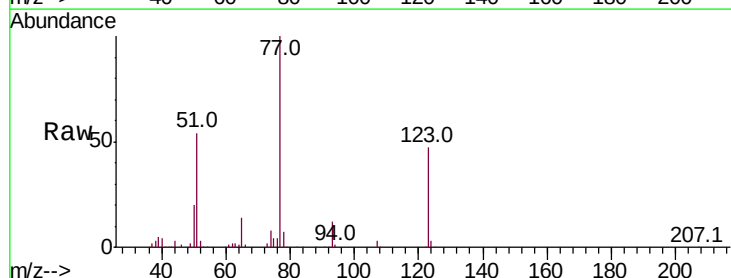
Tgt Ion: 77 Resp: 358343

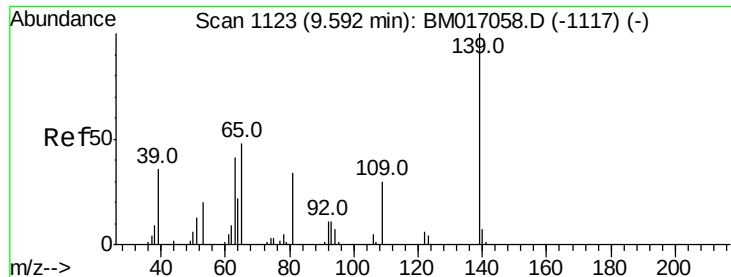
Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.6	56.4
65	14.2	10.1	15.1

77 100

123 47.0 37.6 56.4

65 14.2 10.1 15.1

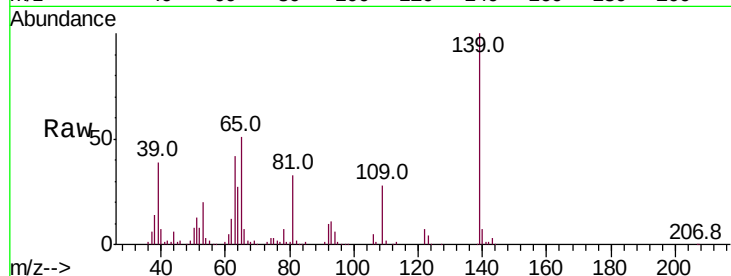




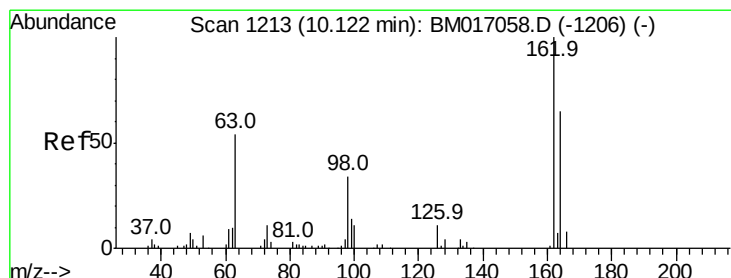
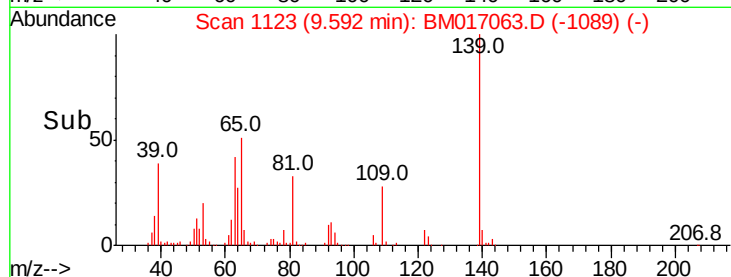
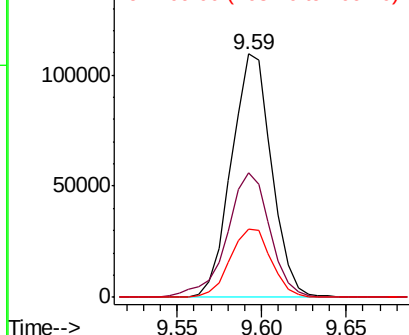
#23
2-Nitrophenol
Concen: 23.528 ng/ul
RT: 9.59 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
65	51.4	38.2	57.2
109	28.2	22.7	34.1

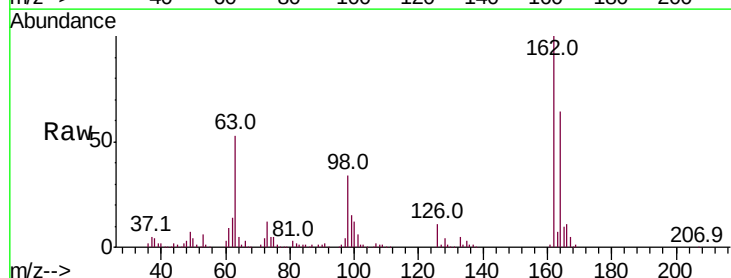


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 109.00 (108.70 to 109.70): E

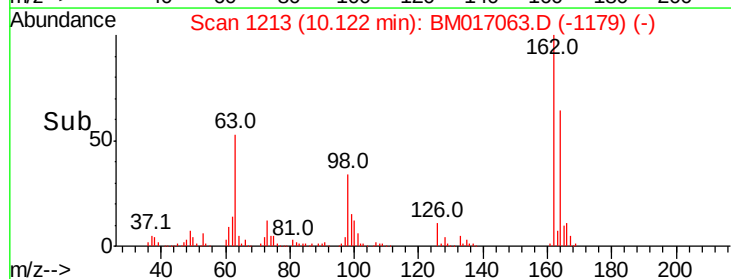
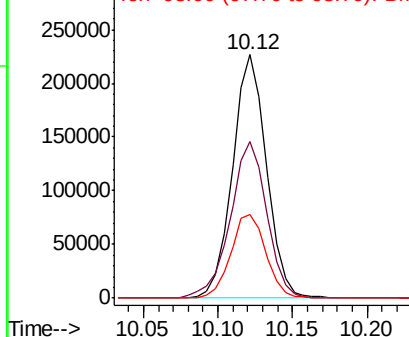


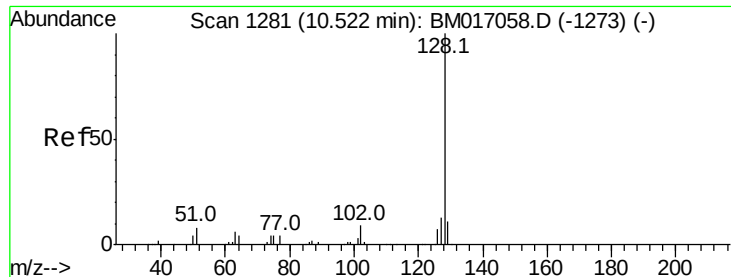
#27
2,4-Dichlorophenol
Concen: 26.436 ng/ul
RT: 10.12 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	52.4	78.6
98	34.5	28.4	42.6



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

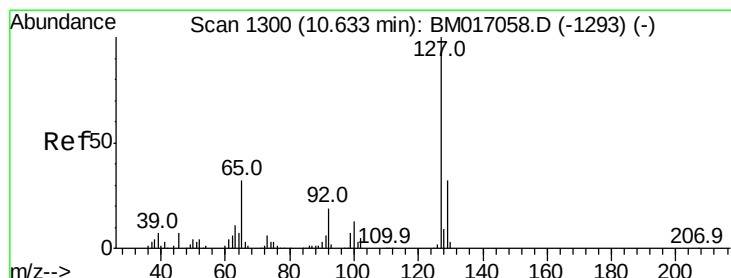
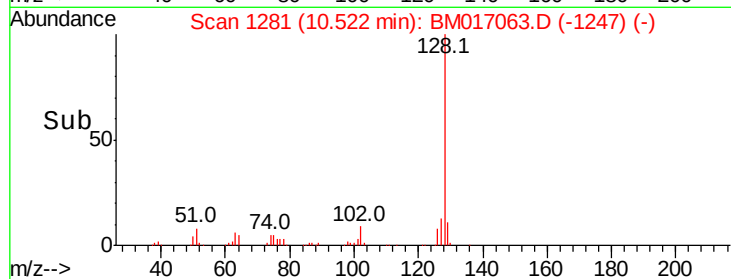
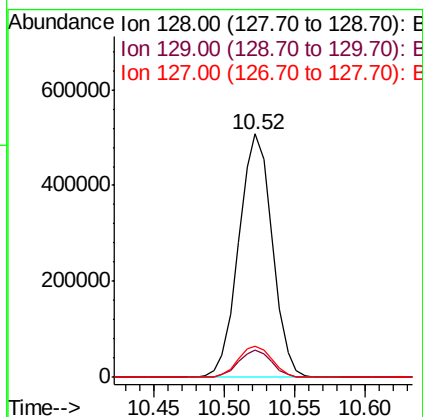
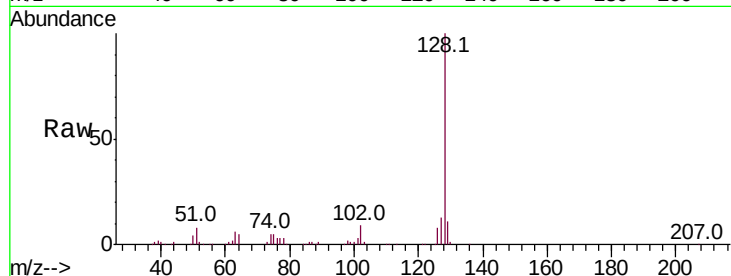




#28
Naphthalene
Concen: 17.973 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

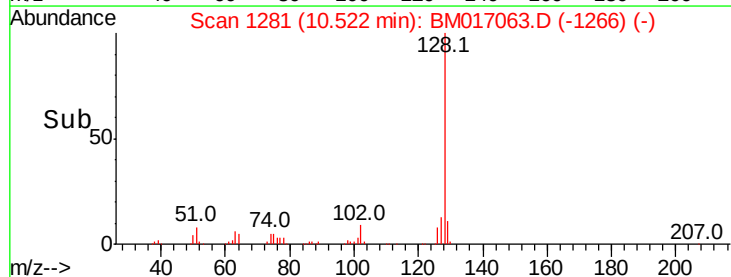
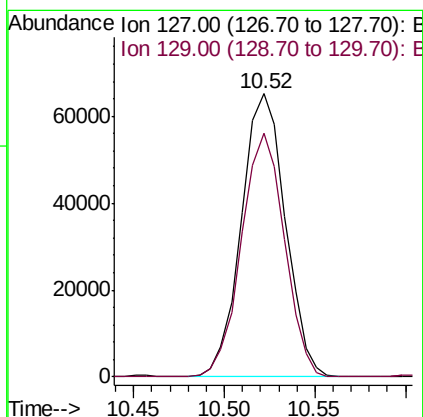
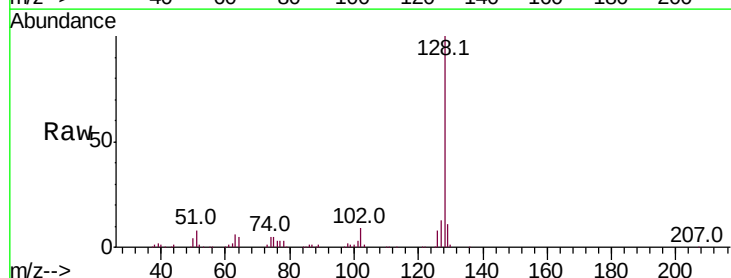
Instrument :
BNA_M
ClientSampleId :

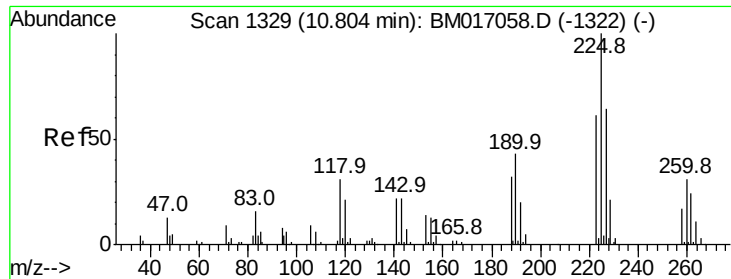
Tot Ion:128 Resp: 843926
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.5 15.7



#30
4-Chloroaniline
Concen: 6.473 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.11 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:127 Resp: 110200
Ion Ratio Lower Upper
127 100
129 86.1 25.7 38.5#





#31

Hexachlorobutadiene

Concen: 27.994 ng/ul

RT: 10.80 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Instrument :

BNA_M

ClientSampled :

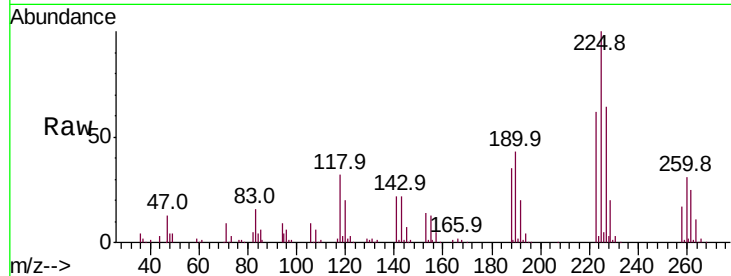
Tot Ion:225 Resp: 258545

Ion Ratio Lower Upper

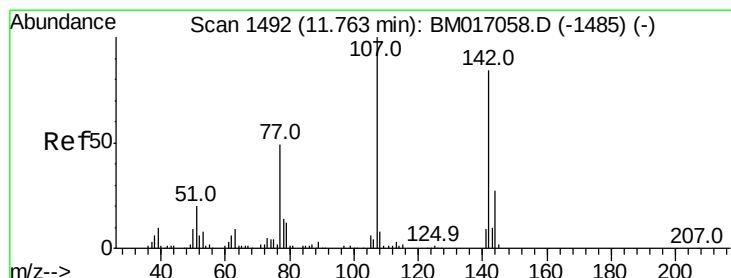
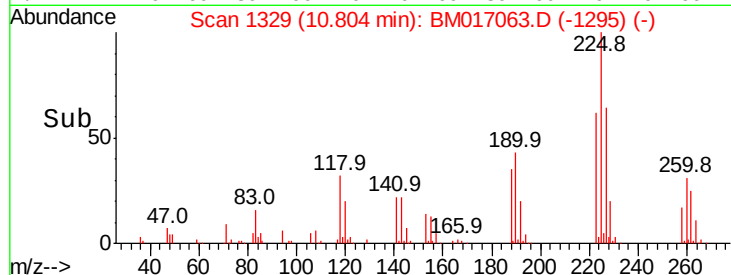
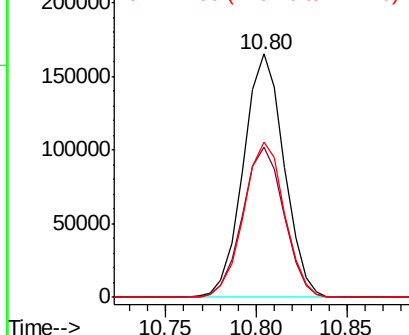
225 100

223 61.6 48.6 72.8

227 63.6 49.6 74.4



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



#33

4-Chloro-3-methylphenol

Concen: 41.987 ng/ul

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

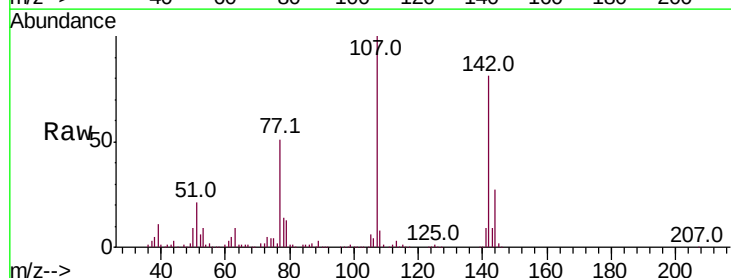
Tgt Ion:107 Resp: 585972

Ion Ratio Lower Upper

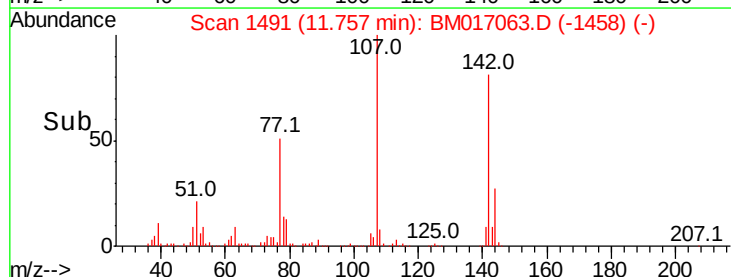
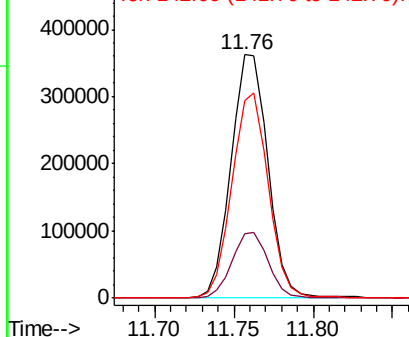
107 100

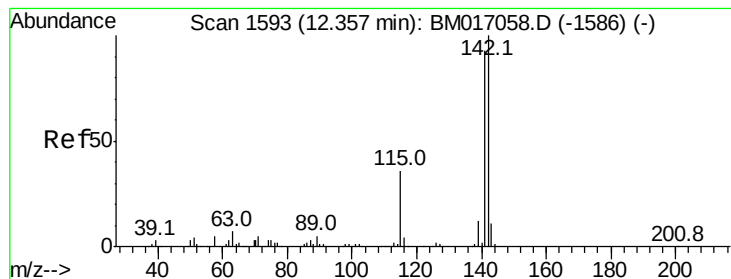
144 26.5 22.2 33.4

142 81.0 67.0 100.6



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





#35

1-Methylnaphthalene

Concen: 23.604 ng/ul

RT: 12.36 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Instrument :

BNA_M

ClientSampleId :

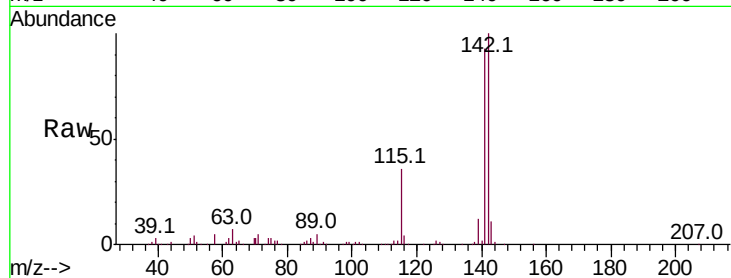
Tot Ion:142 Resp: 762062

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4

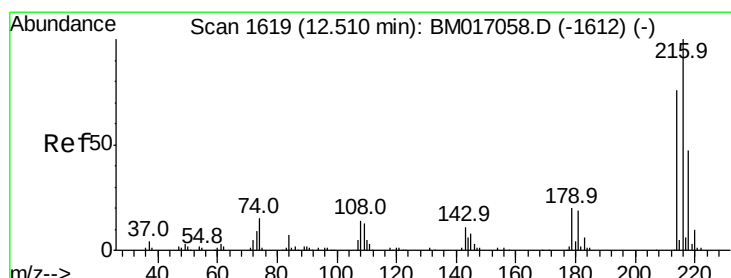
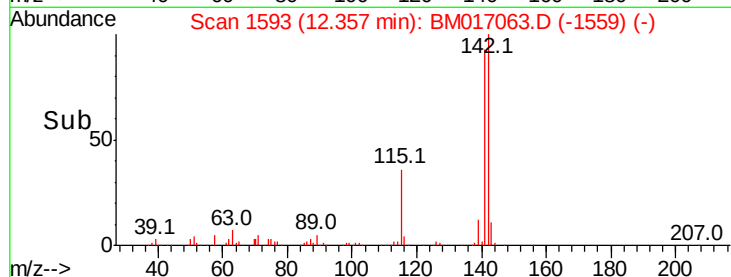
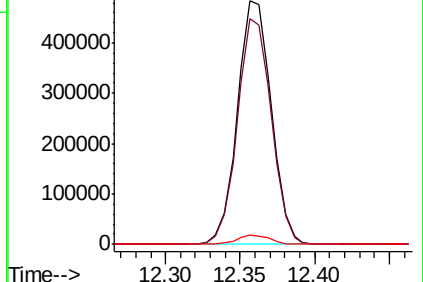
116 3.8 2.6 4.0



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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 21.608 ng/ul

RT: 12.51 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Tgt Ion:216 Resp: 364482

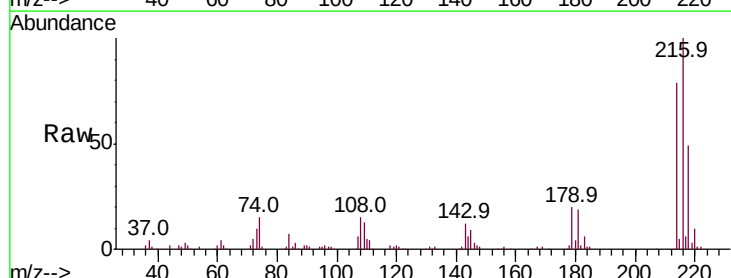
Ion Ratio Lower Upper

216 100

214 78.8 61.0 91.6

179 20.5 16.6 24.8

108 15.5 12.7 19.1

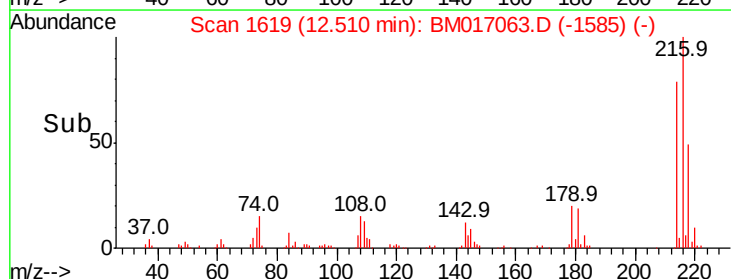
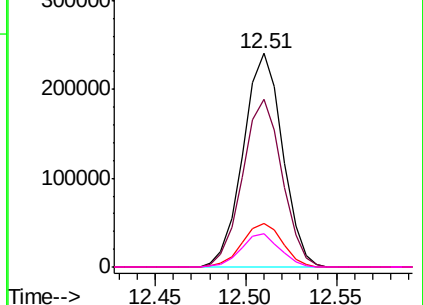


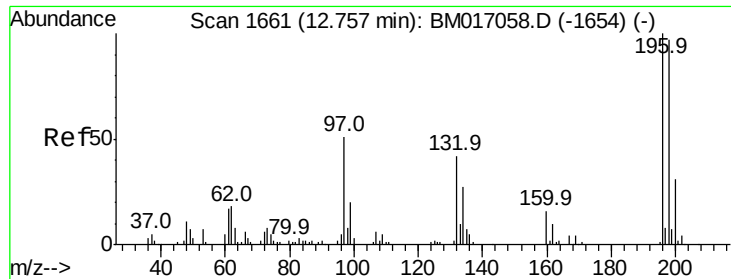
Abundance Ion 216.00 (215.70 to 216.70): E

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

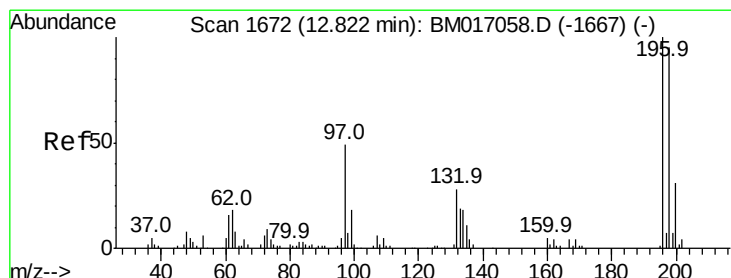
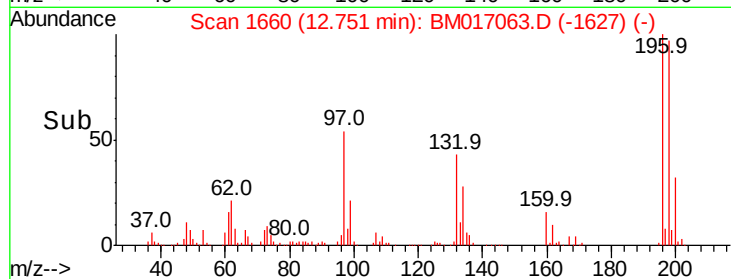
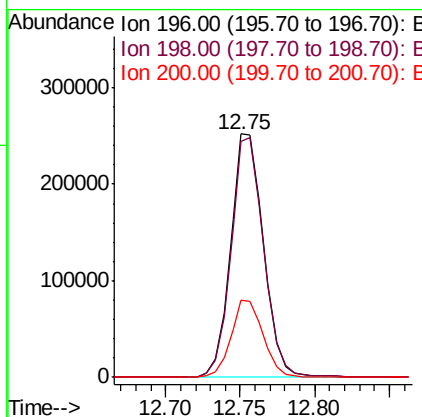
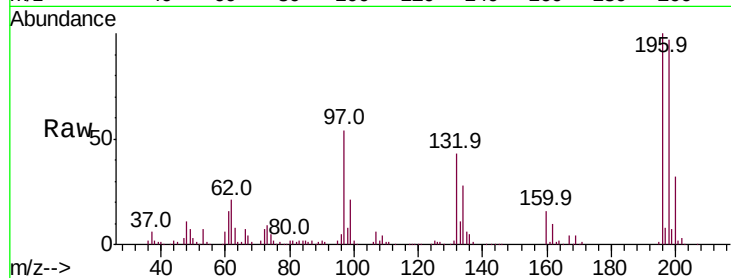




#39
 2,4,6-Trichlorophenol
 Concen: 38.035 ng/ul
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

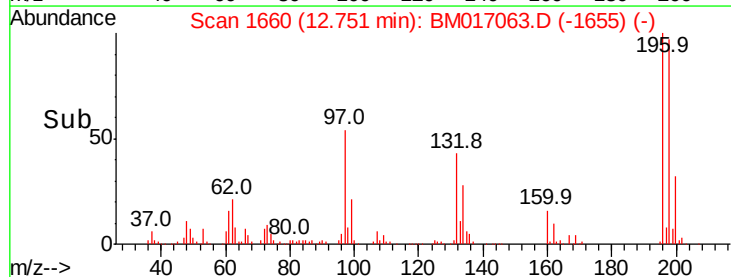
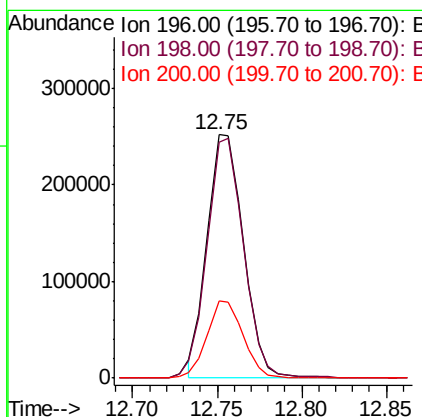
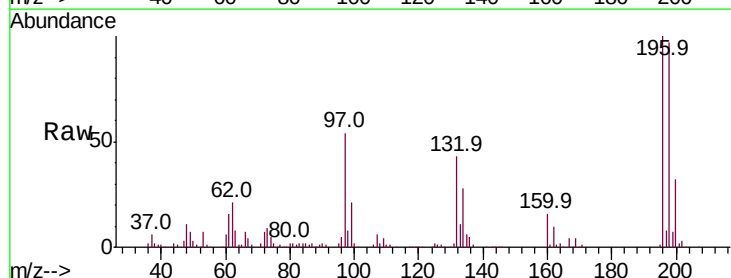
Instrument :
 BNA_M
 ClientSampleId :

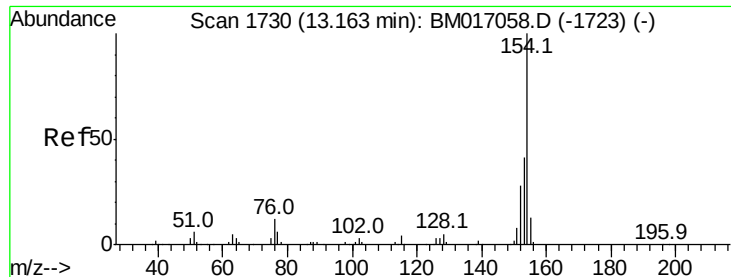
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	79.9	119.9
200	32.0	25.6	38.4



#40
 2,4,5-Trichlorophenol
 Concen: 34.260 ng/ul
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.07 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	79.2	118.8
200	32.0	25.0	37.6



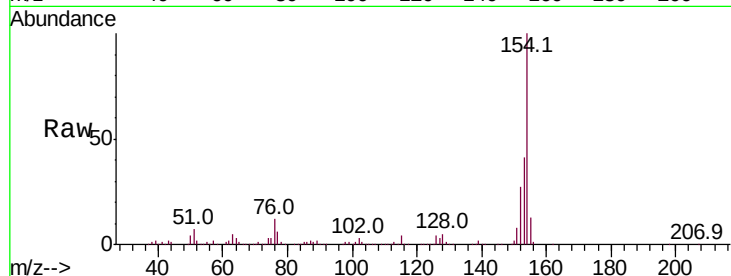


#41
 1,1'-Biphenyl
 Concen: 28.481 ng/ul
 RT: 13.16 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

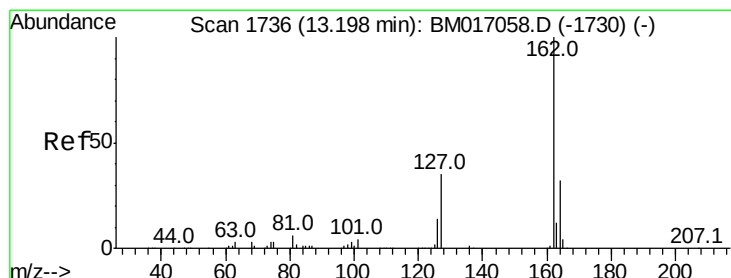
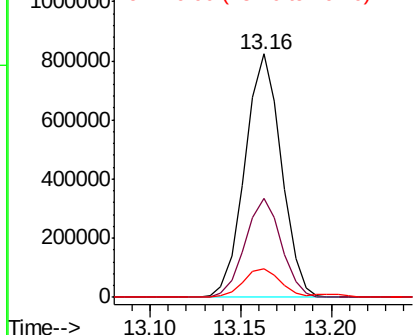
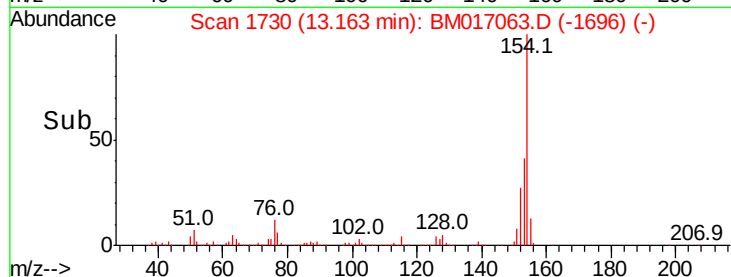
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:154 Resp: 1153464

Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.0	48.0
76	12.0	10.2	15.2



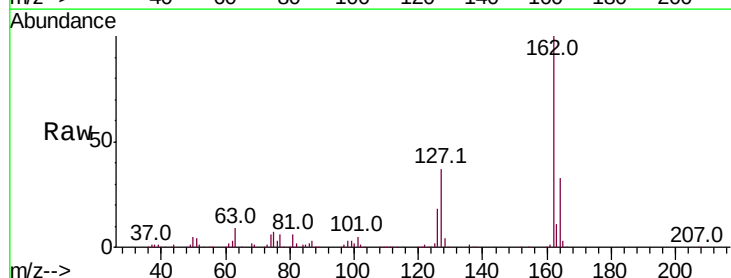
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM



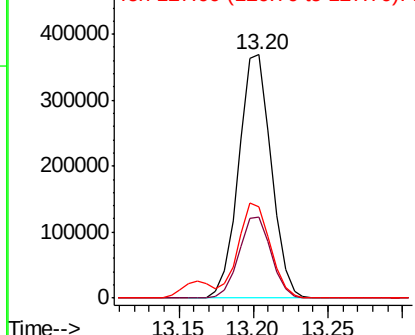
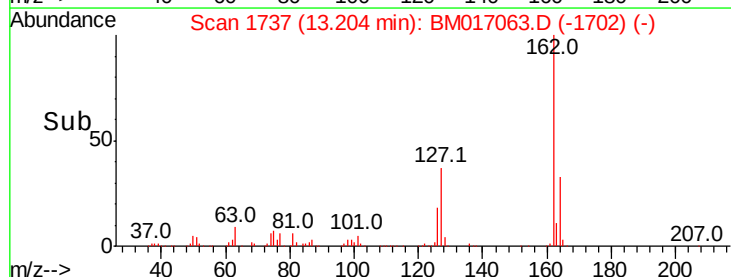
#42
 2-Chloronaphthalene
 Concen: 17.506 ng/ul
 RT: 13.20 min Scan# 1737
 Delta R.T. 0.01 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

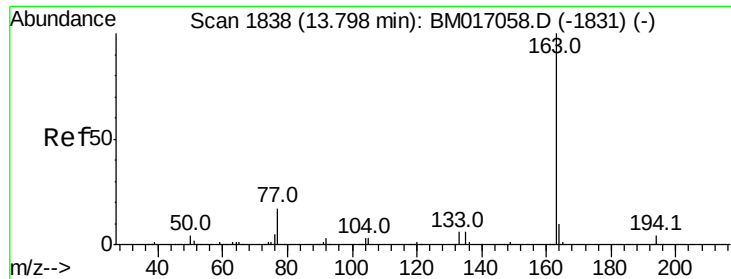
Tgt Ion:162 Resp: 558514

Ion	Ratio	Lower	Upper
162	100		
164	33.3	26.9	40.3
127	37.4	30.7	46.1



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

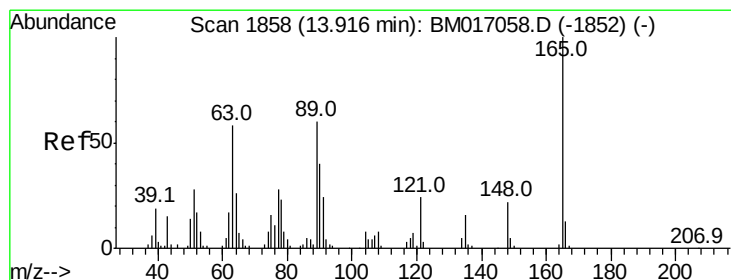
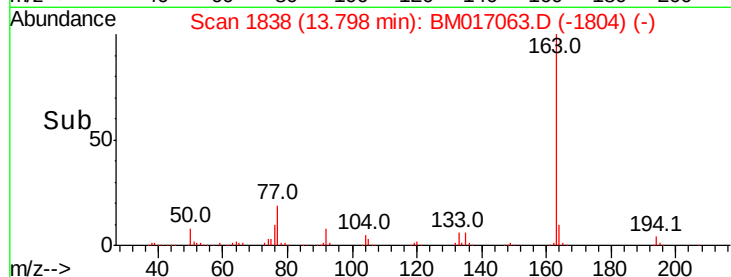
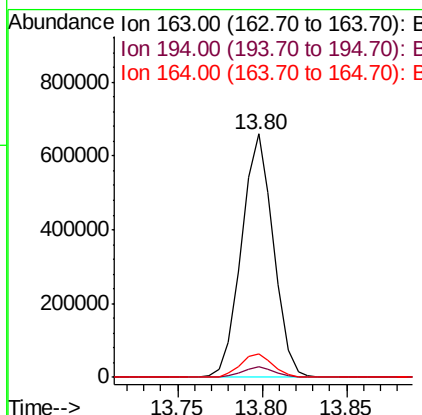
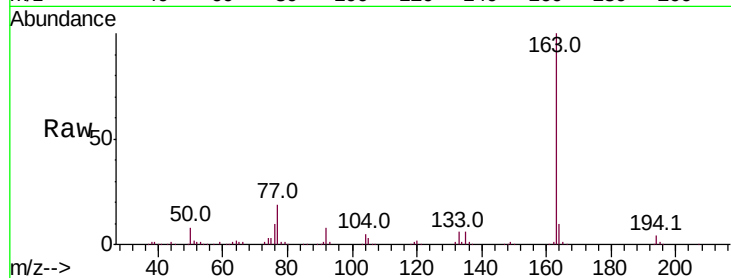




#45
Dimethylphthalate
Concen: 22.420 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

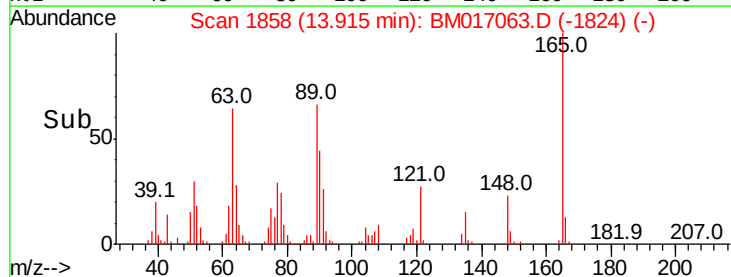
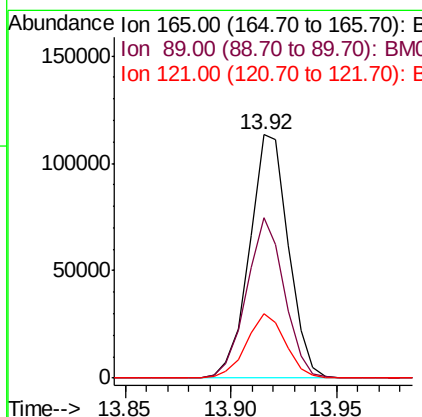
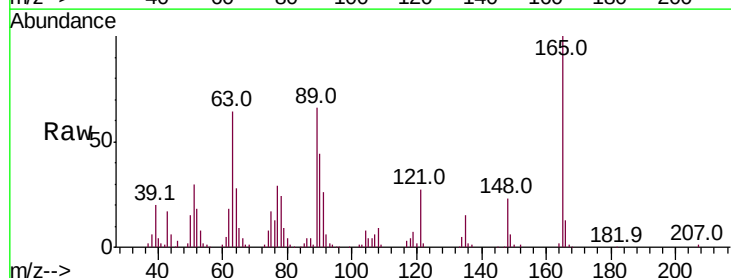
Instrument :
BNA_M
ClientSampleId :

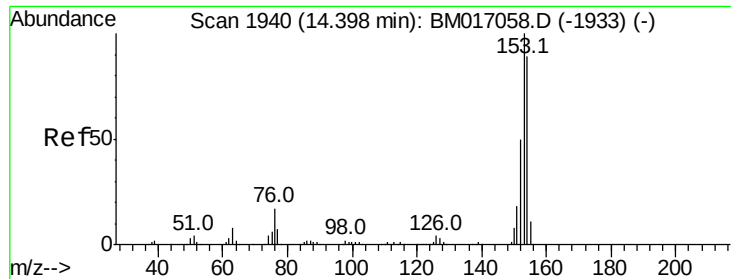
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.8	8.0	12.0



#46
2,6-Dinitrotoluene
Concen: 22.366 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
165	100		
89	65.8	43.0	64.6#
121	26.6	18.0	27.0





#50

Acenaphthene

Concen: 22.633 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

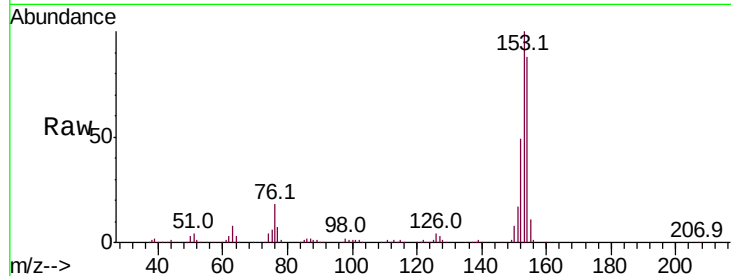
Instrument :

BNA_M

ClientSampleId :

Tot Ion:153 Resp: 767396

Ion	Ratio	Lower	Upper
153	100		
152	49.0	38.3	57.5
154	87.9	71.0	106.6

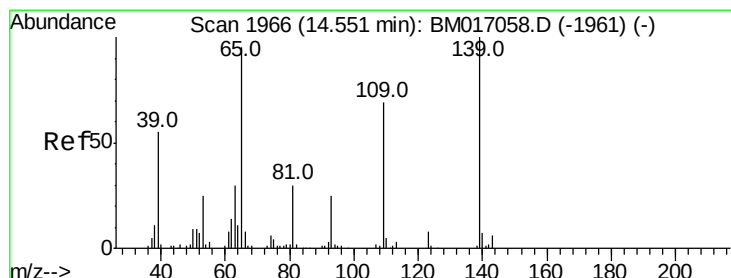
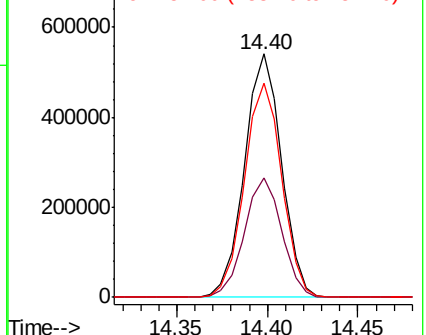
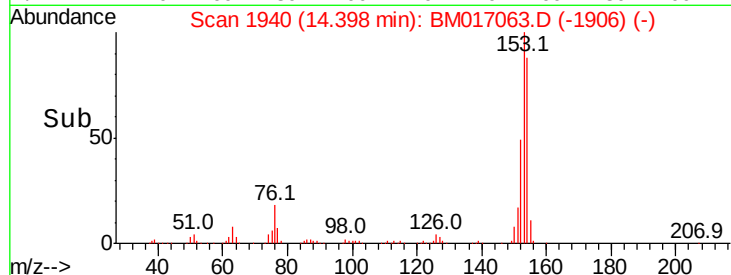


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 22.010 ng/ul

RT: 14.55 min Scan# 1966

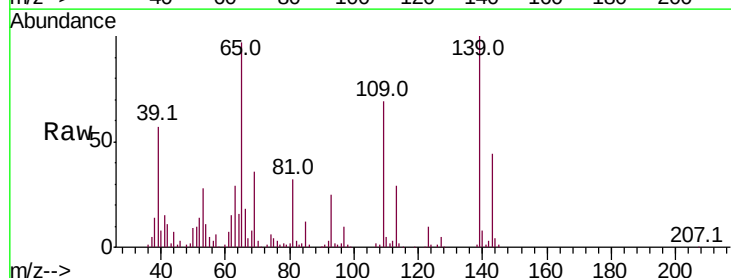
Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Tgt Ion:109 Resp: 117688

Ion	Ratio	Lower	Upper
109	100		
139	145.1	114.1	171.1
65	140.4	109.8	164.6

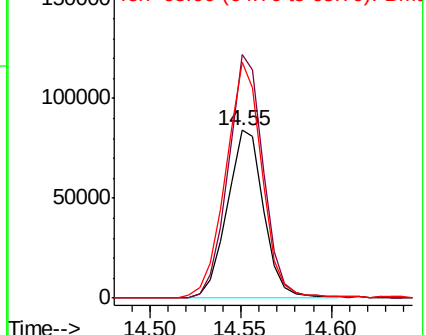
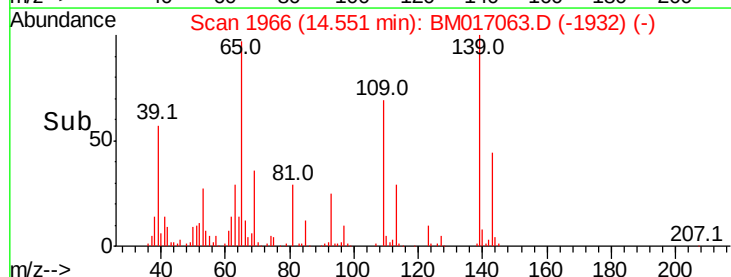


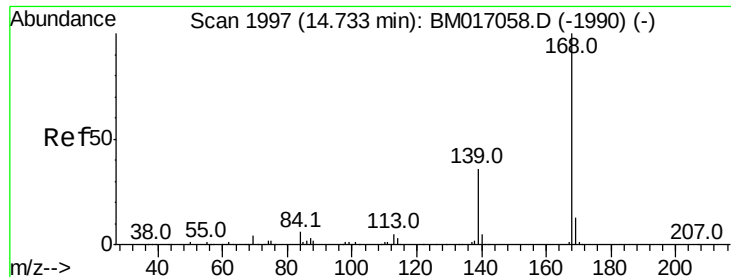
Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E





#54

Dibenzofuran

Concen: 18.490 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Instrument :

BNA_M

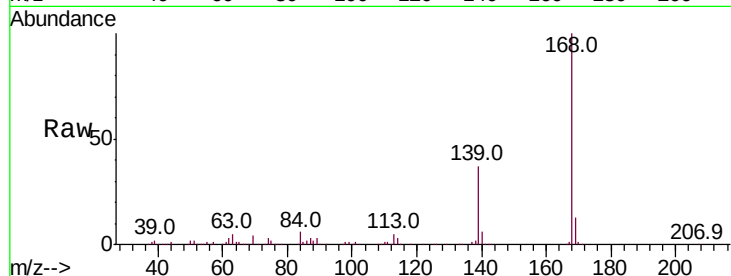
ClientSampleId :

Tot Ion:168 Resp: 885239

Ion Ratio Lower Upper

168 100

139 36.9 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.73

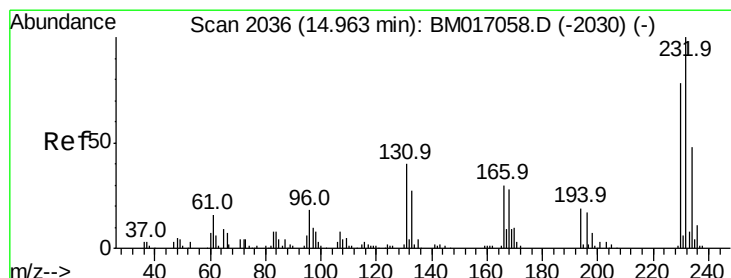
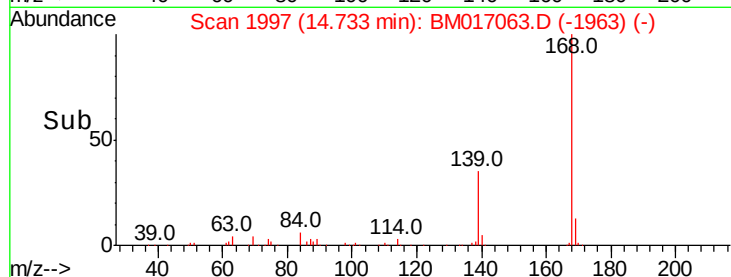
600000

400000

200000

0

Time--> 14.65 14.70 14.75 14.80



#56

2,3,4,6-Tetrachlorophenol

Concen: 20.752 ng/ul

RT: 14.96 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Tgt Ion:232 Resp: 203447

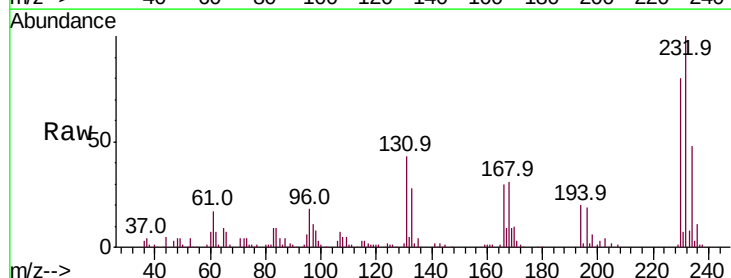
Ion Ratio Lower Upper

232 100

131 42.8 33.8 50.6

130 2.2 1.7 2.5

166 30.4 24.6 37.0



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

200000

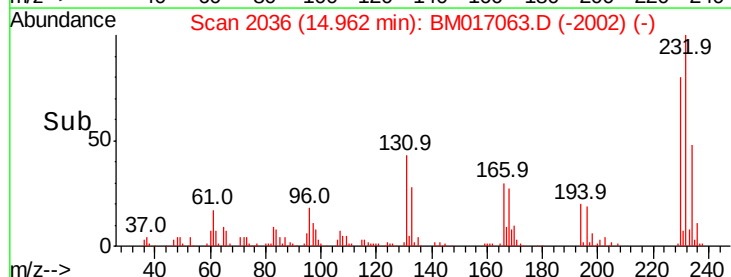
150000

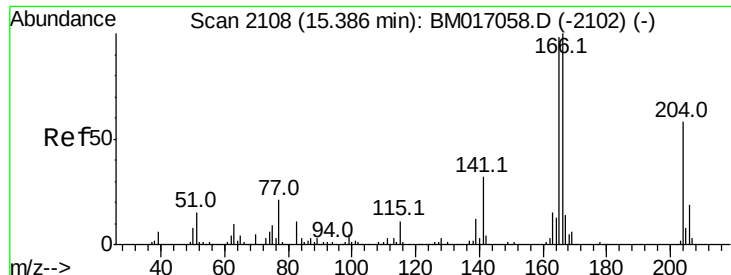
100000

50000

0

Time--> 14.90 14.95 15.00 15.05

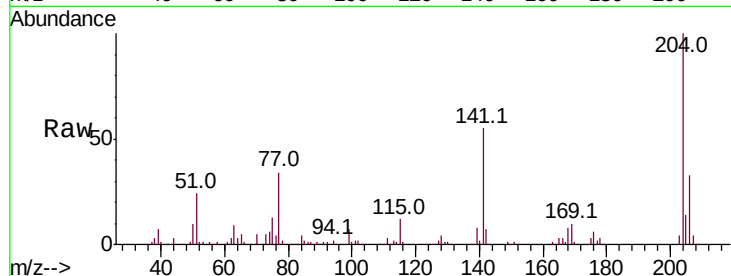




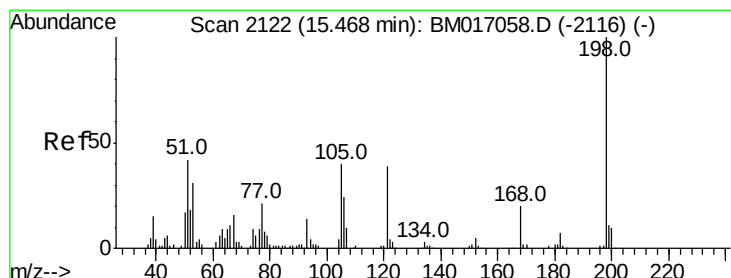
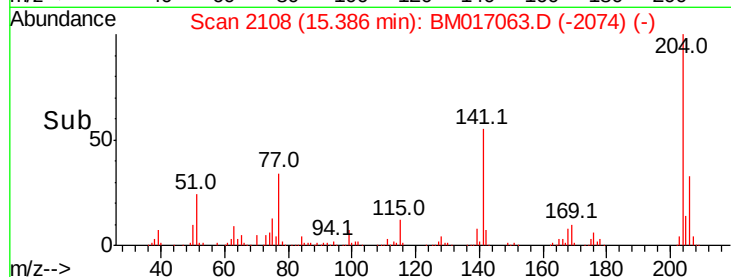
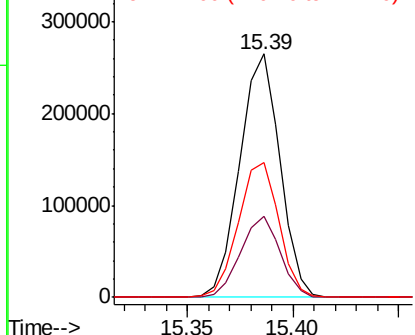
#60
 4-Chlorophenyl-phenylether
 Concen: 17.205 ng/ul
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 350022
 Ion Ratio Lower Upper
 204 100
 206 33.5 25.8 38.8
 141 55.3 44.2 66.4

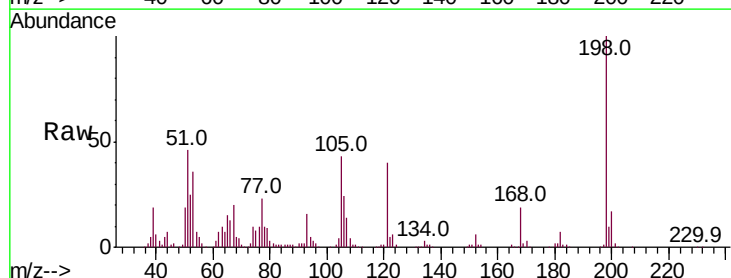


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

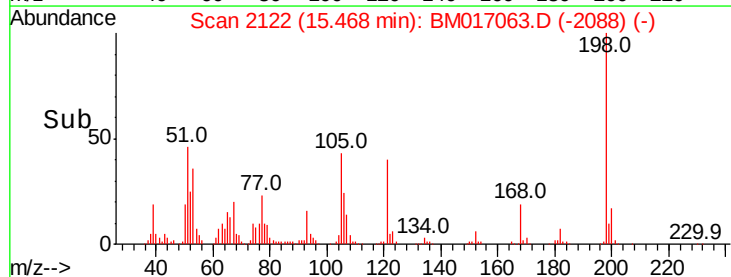
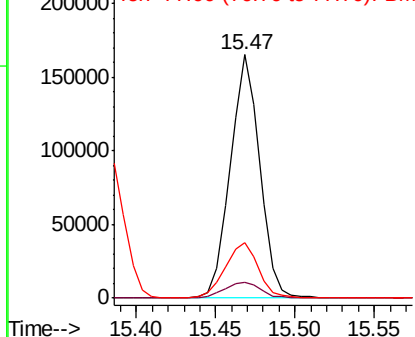


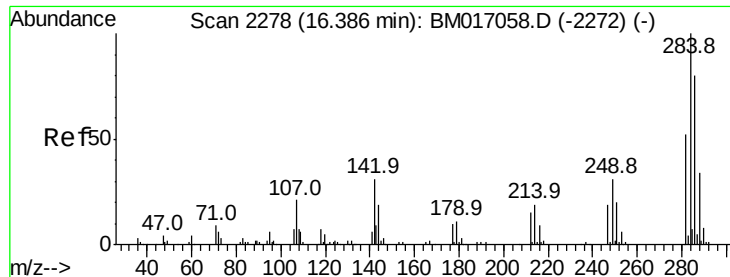
#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.938 ng/ul
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:198 Resp: 212478
 Ion Ratio Lower Upper
 198 100
 182 6.7 5.1 7.7
 77 22.7 16.9 25.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

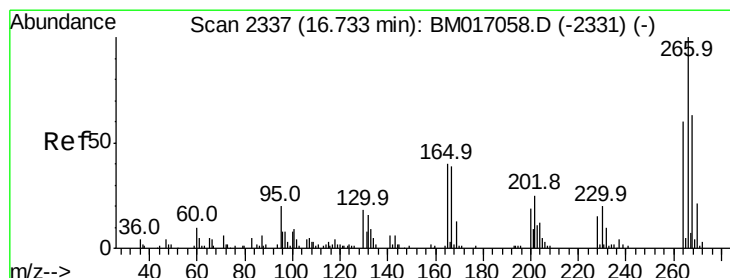
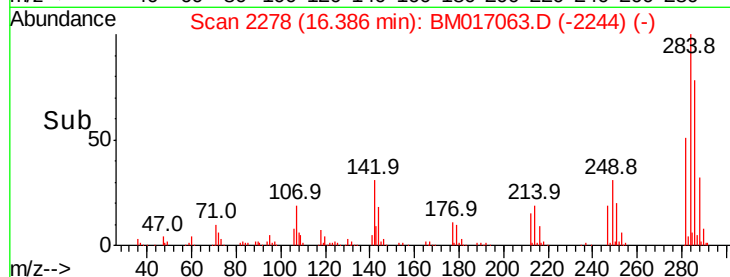
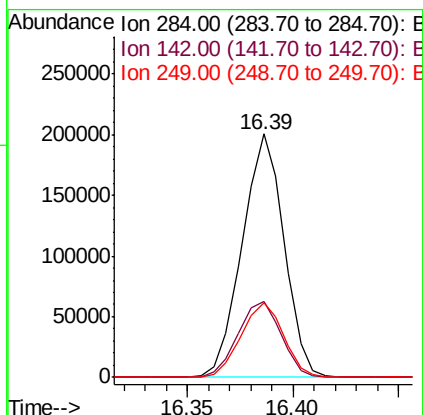
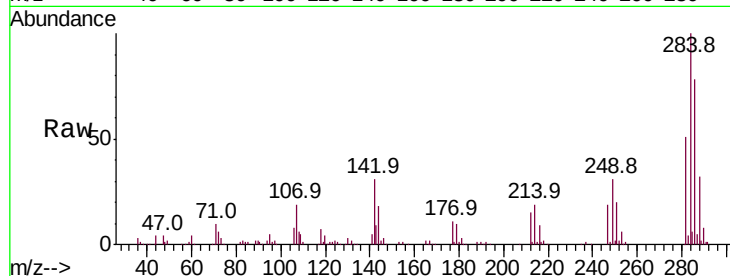




#67
Hexachlorobenzene
Concen: 20.420 ng/ul
RT: 16.39 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

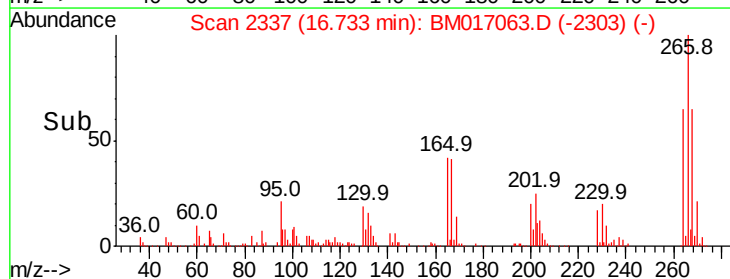
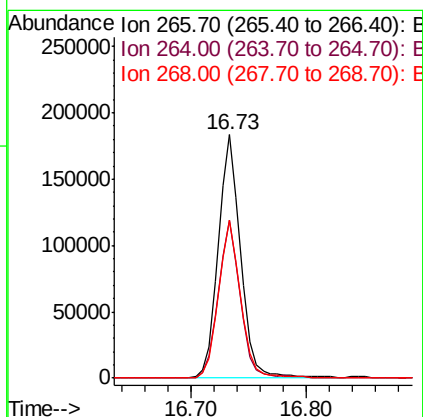
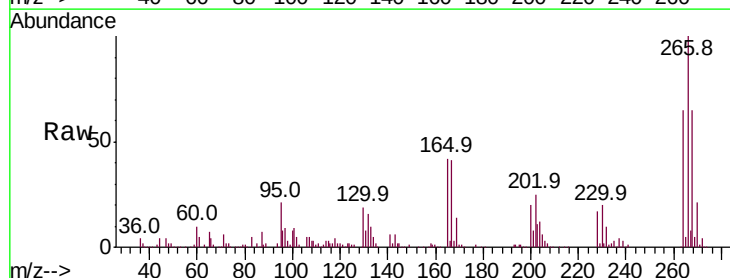
Instrument :
BNA_M
ClientSampled :

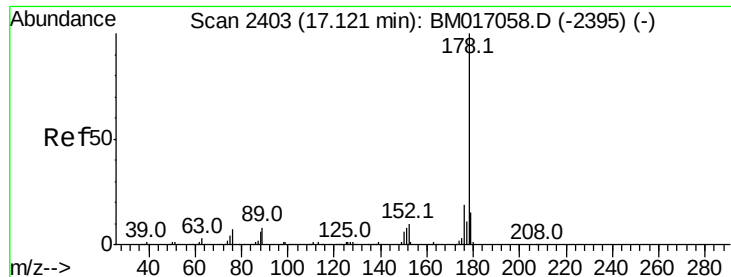
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.8	38.6
249	30.7	25.4	38.2



#69
Pentachlorophenol
Concen: 30.364 ng/ul
RT: 16.73 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.9	50.4	75.6
268	64.7	53.6	80.4





#70

Phenanthrene

Concen: 18.429 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

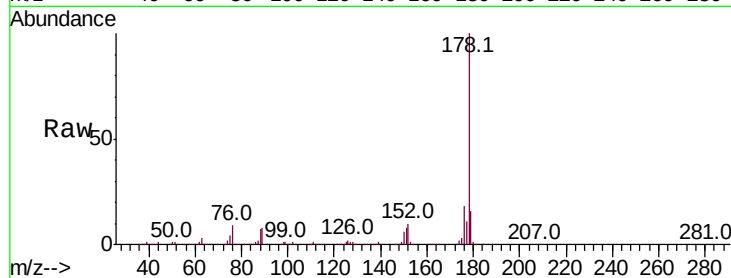
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 1099822

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.4	15.0	22.4

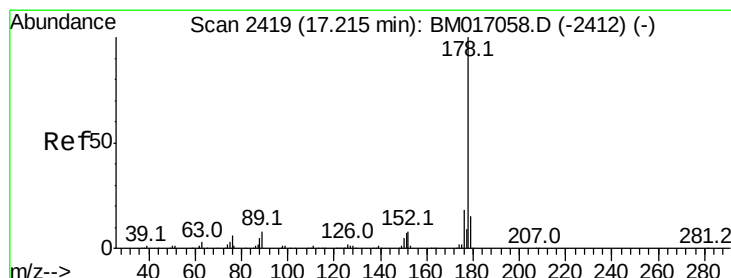
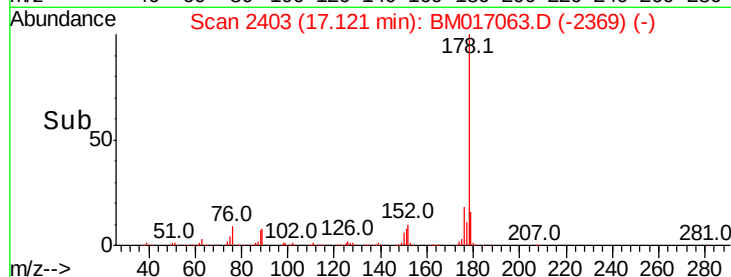
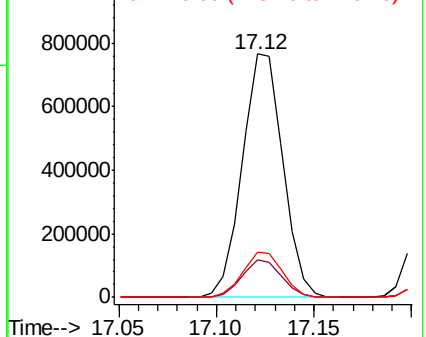


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 21.182 ng/ul

RT: 17.22 min Scan# 2419

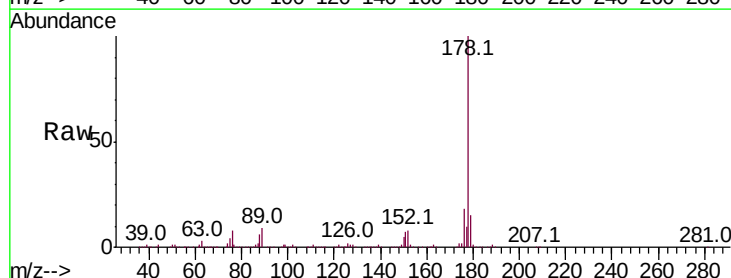
Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Tgt Ion:178 Resp: 1284468

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.4	14.6	22.0

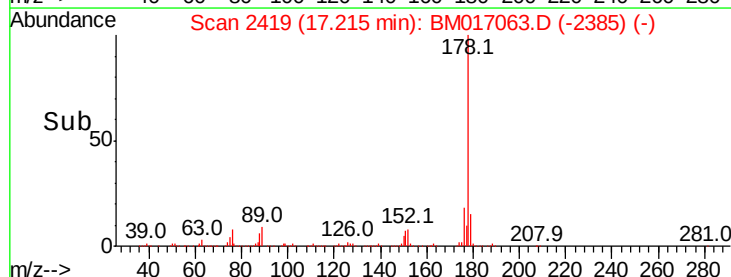
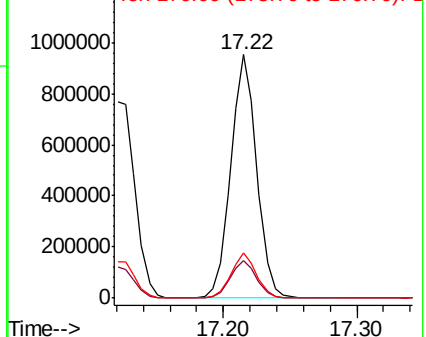


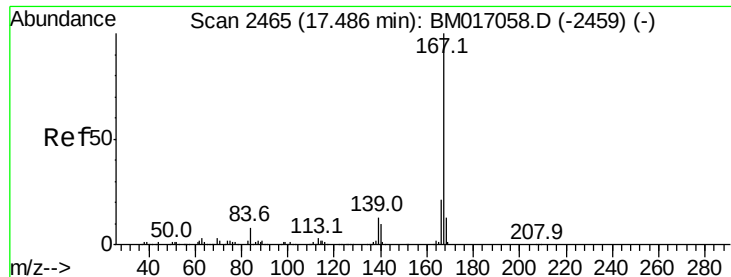
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



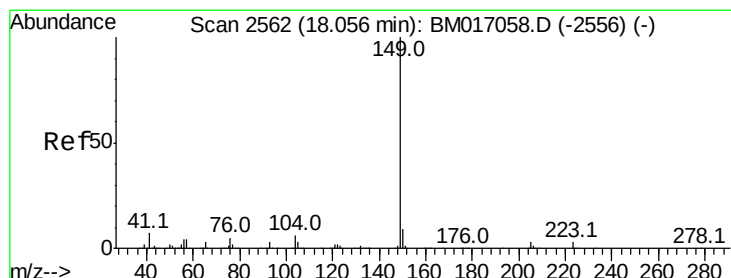
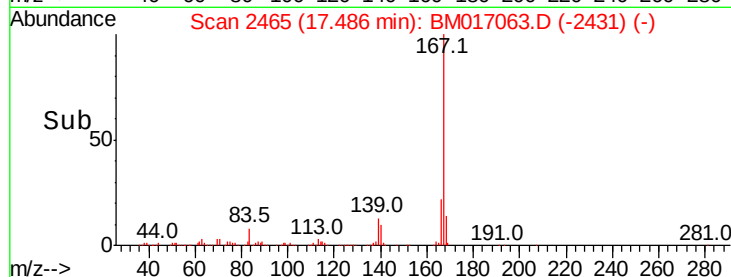
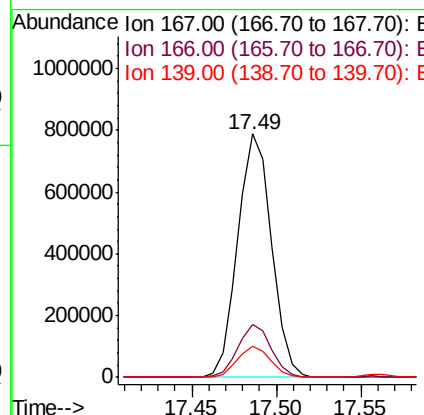
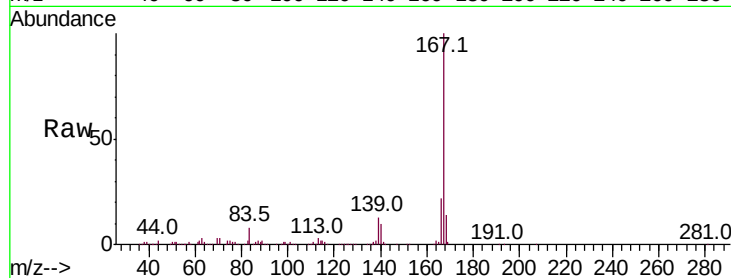


#75
 Carbazole
 Concen: 20.946 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1099251

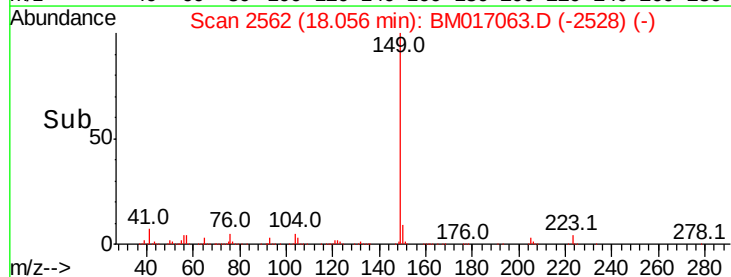
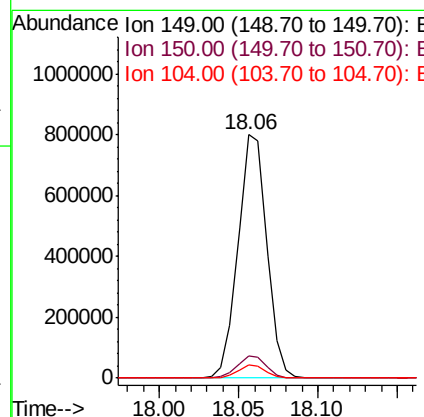
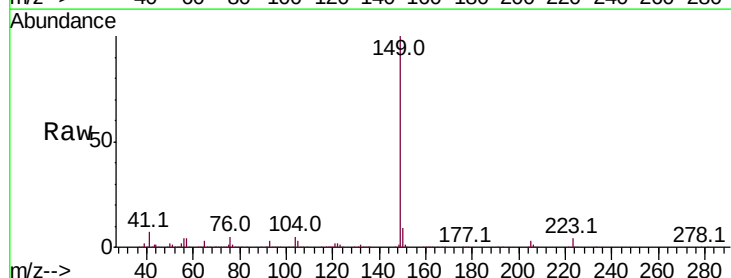
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.7	10.0	15.0

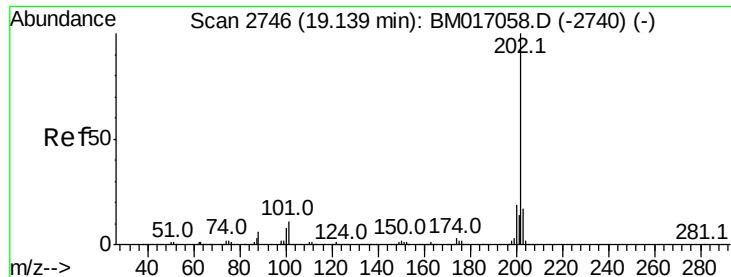


#76
 Di-n-butylphthalate
 Concen: 17.143 ng/ul
 RT: 18.06 min Scan# 2562
 Delta R.T. -0.00 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:149 Resp: 1005805

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	3.8	5.8

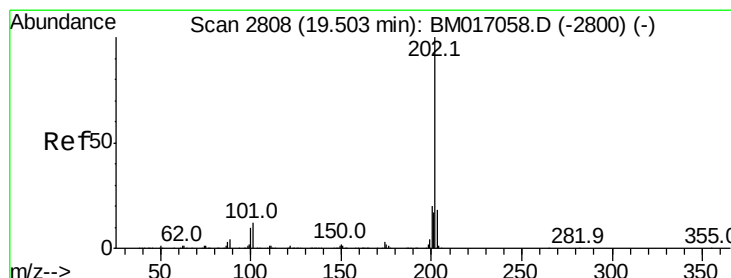
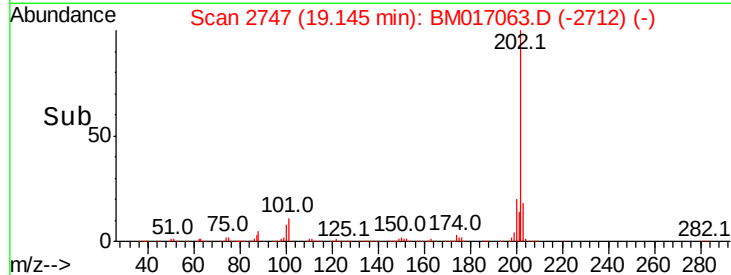
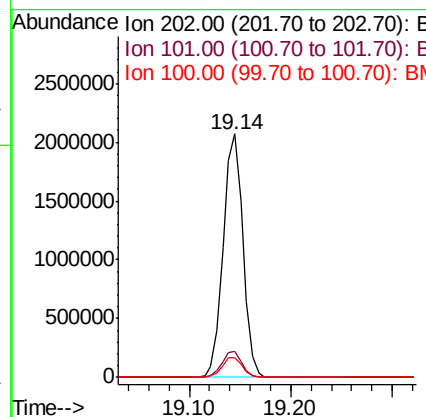
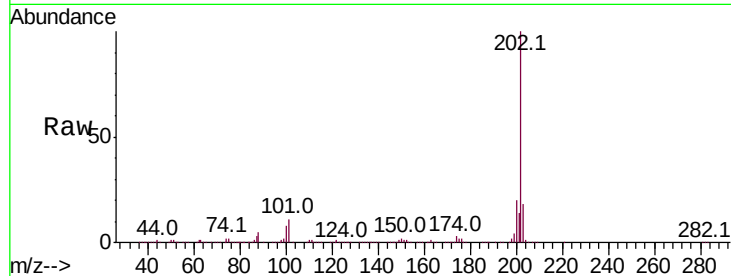




#77
 Fluoranthene
 Concen: 40.301 ng/ul
 RT: 19.14 min Scan# 2747
 Delta R.T. 0.01 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

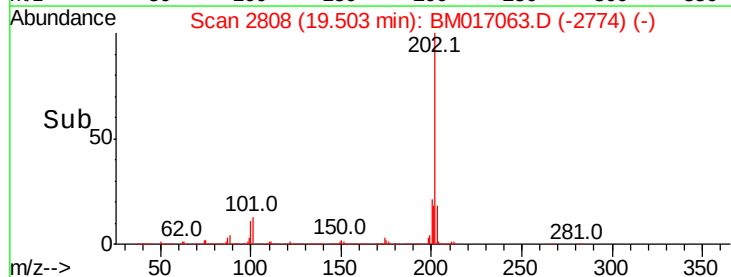
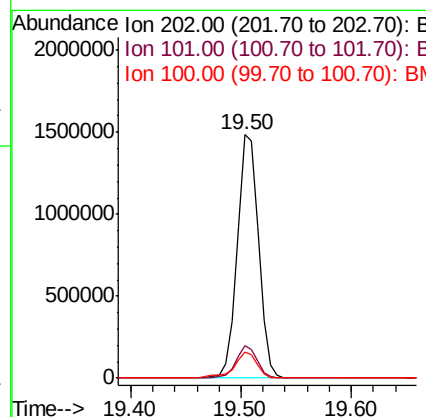
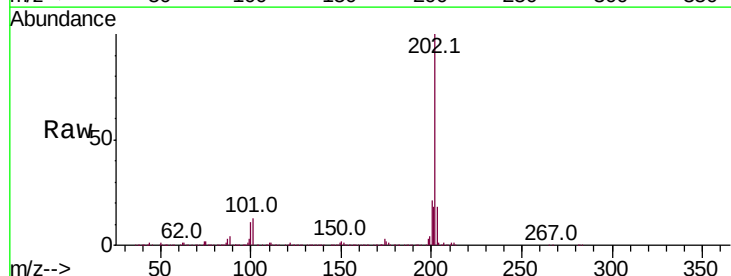
Instrument :
 BNA_M
 ClientSampleId :

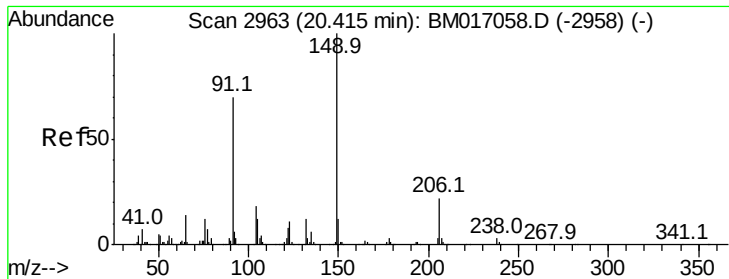
Tot Ion:202 Resp: 2785949
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.3 12.5
 100 8.2 6.6 9.8



#80
 Pyrene
 Concen: 29.877 ng/ul
 RT: 19.50 min Scan# 2808
 Delta R.T. -0.00 min
 Lab File: BM017063.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:202 Resp: 2015374
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.8 16.2
 100 10.9 8.9 13.3

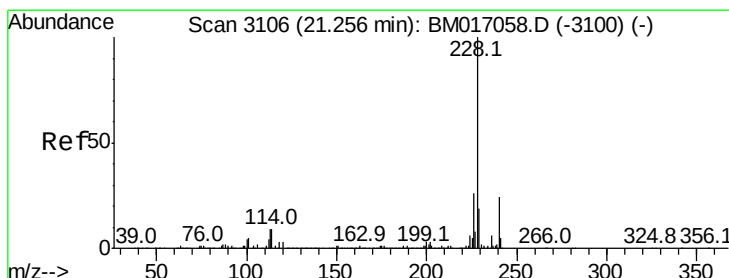
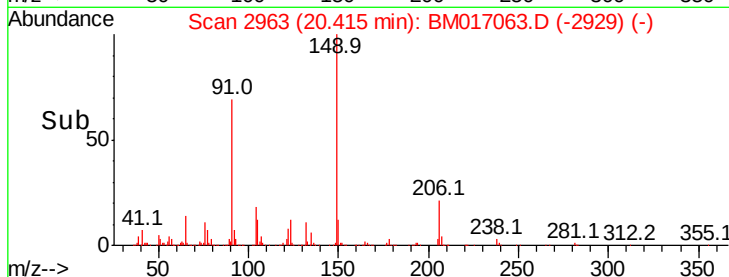
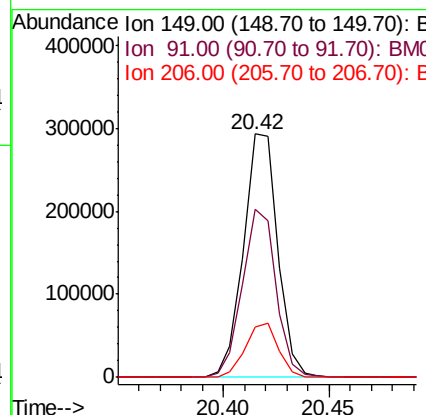
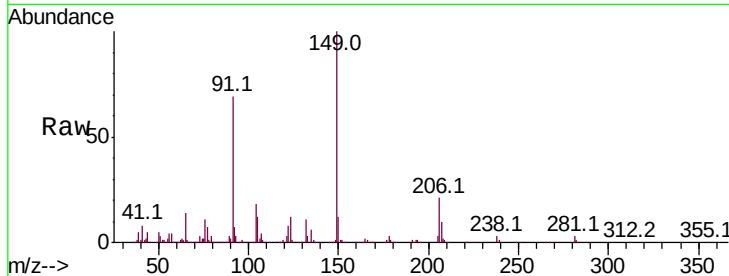




#81
Butylbenzylphthalate
Concen: 14.131 ng/ul
RT: 20.42 min Scan# 2963
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

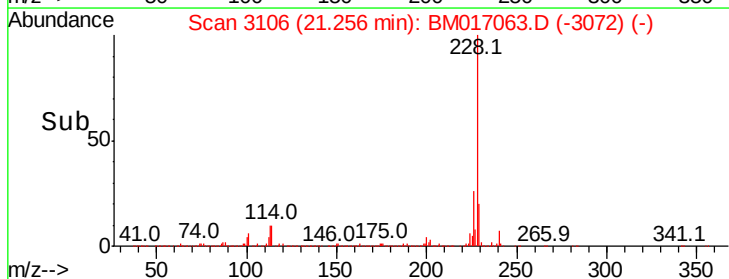
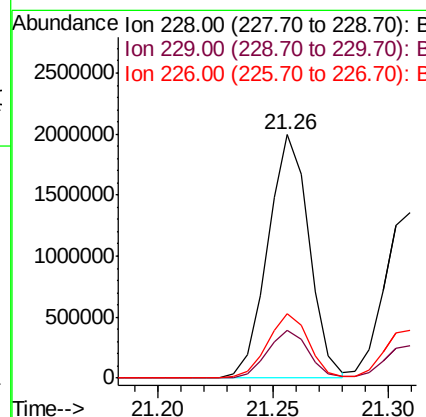
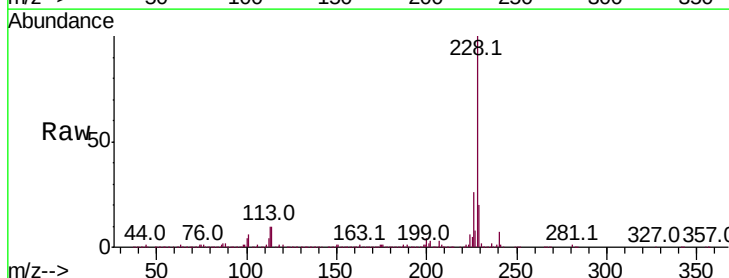
Instrument :
BNA_M
ClientSampleId :

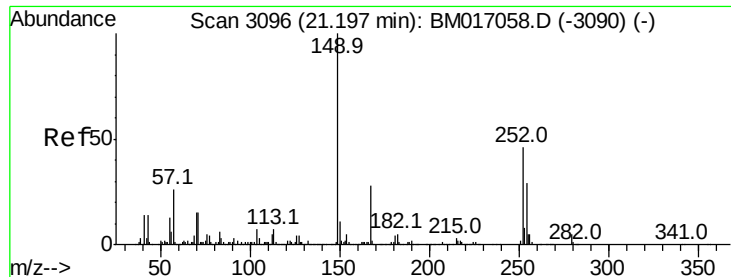
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.1	84.1
206	20.9	17.2	25.8



#83
Benzo(a)anthracene
Concen: 35.323 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	26.4	20.9	31.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.451 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

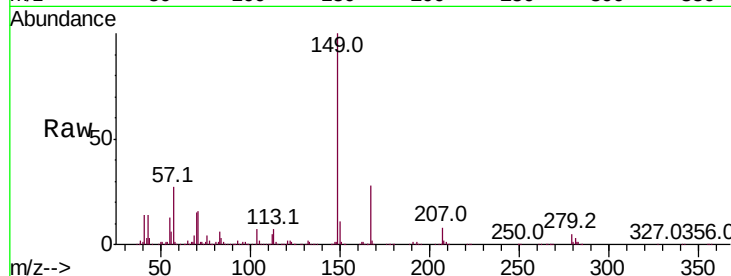
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 665618

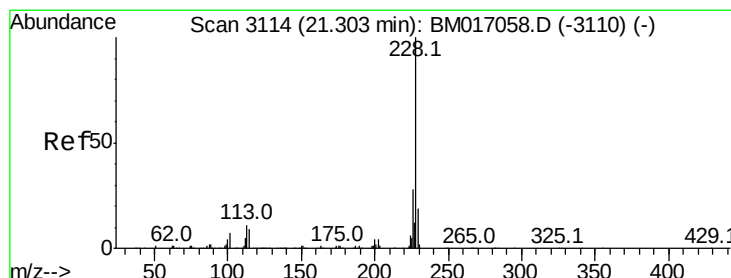
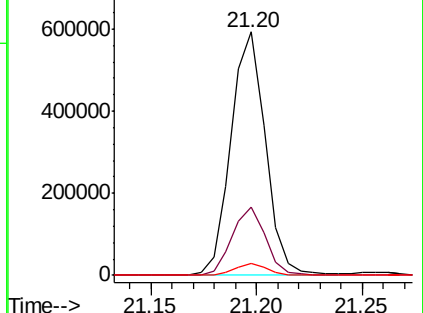
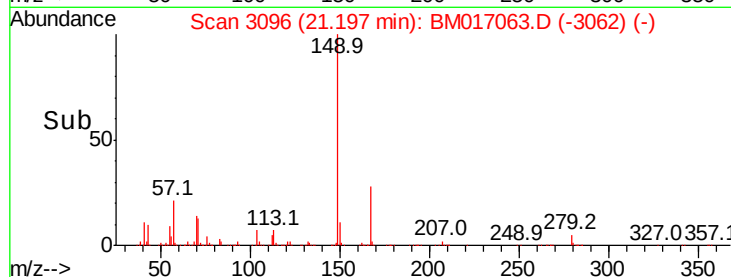
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	4.9	3.7	5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 25.446 ng/ul

RT: 21.31 min Scan# 3115

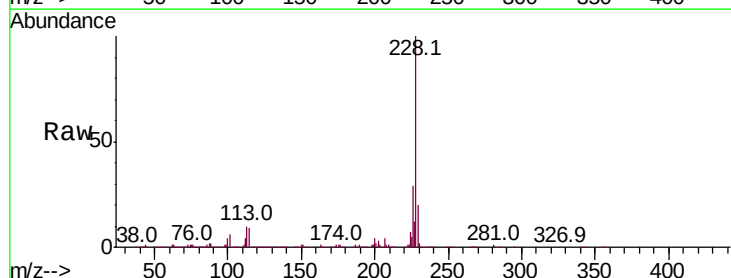
Delta R.T. 0.01 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Tgt Ion:228 Resp: 1718864

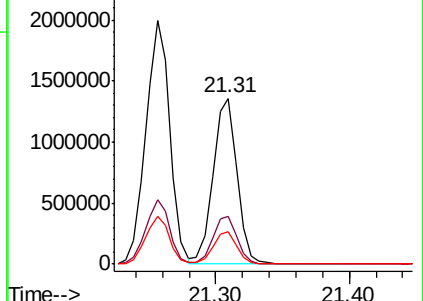
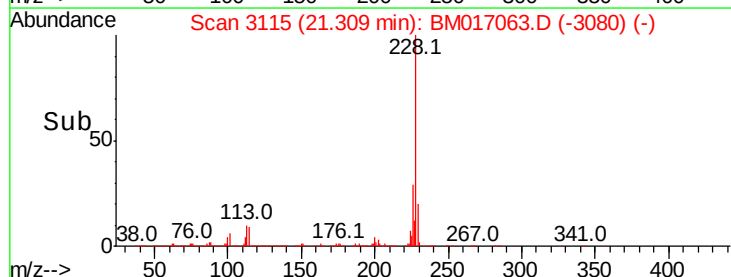
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	19.6	15.6	23.4

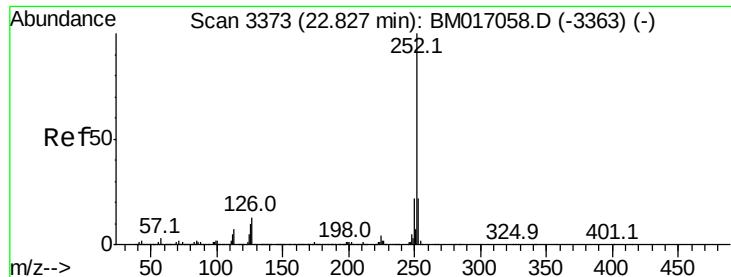


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 26.370 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Instrument :

BNA_M

ClientSampleId :

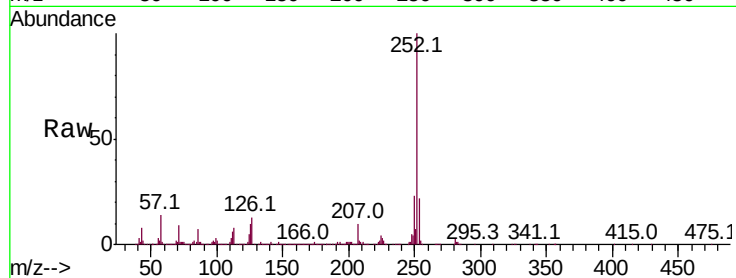
Tot Ion:252 Resp: 1892732

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

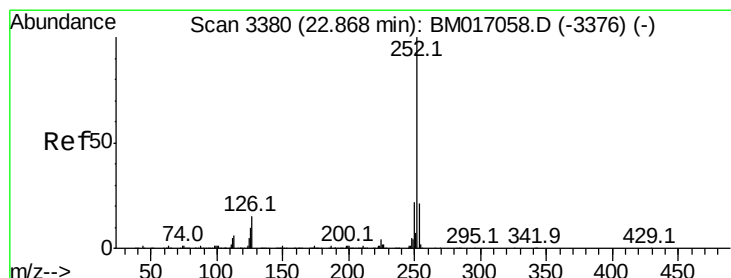
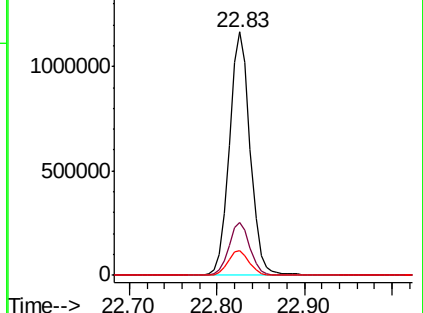
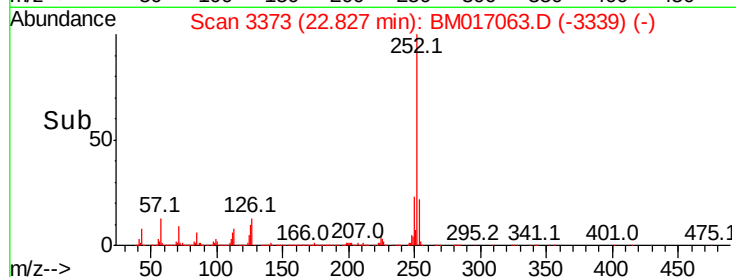
125 10.1 8.2 12.4



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: 27.449 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.04 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

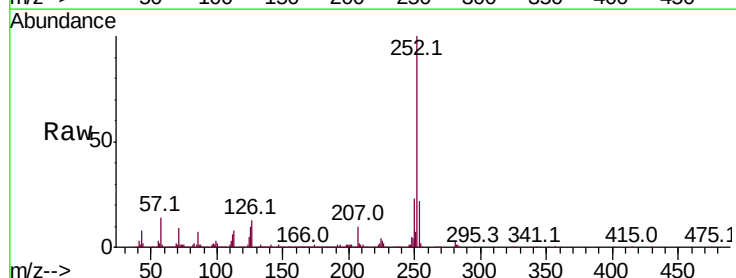
Tgt Ion:252 Resp: 1892732

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

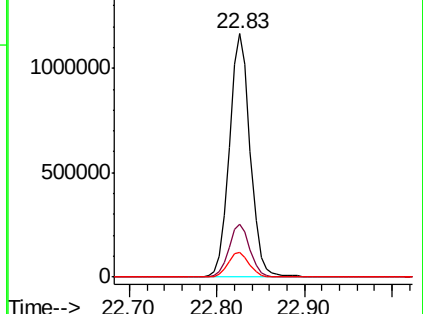
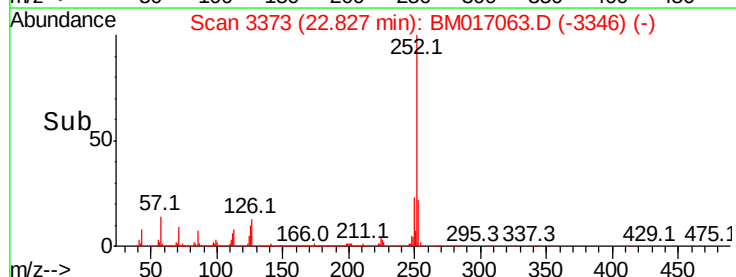
125 10.1 8.2 12.4

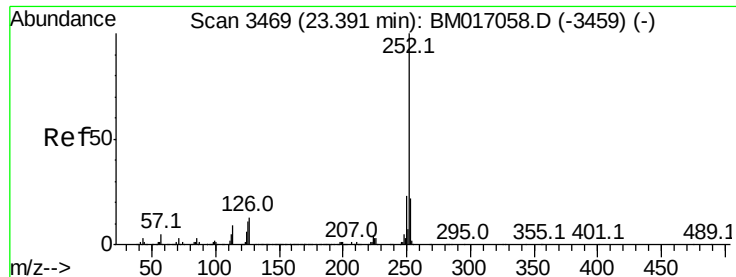


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

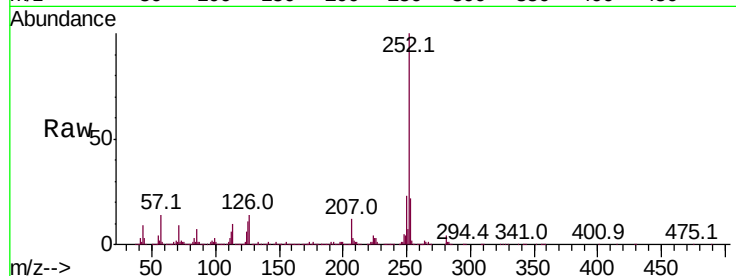




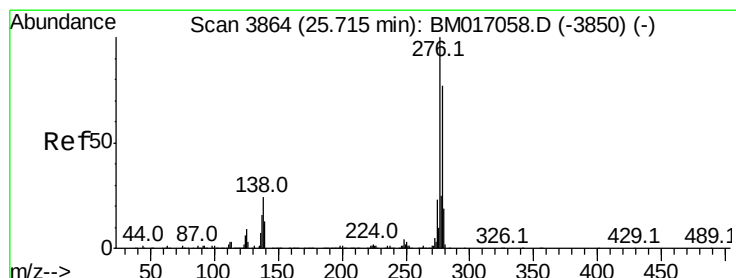
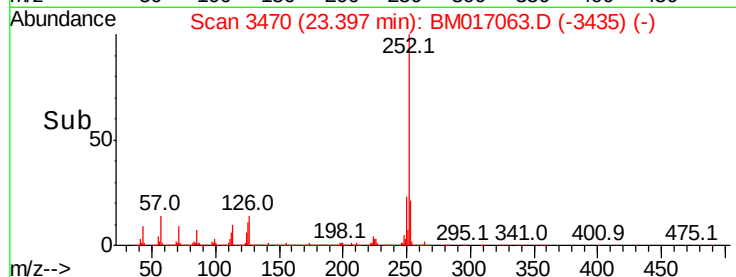
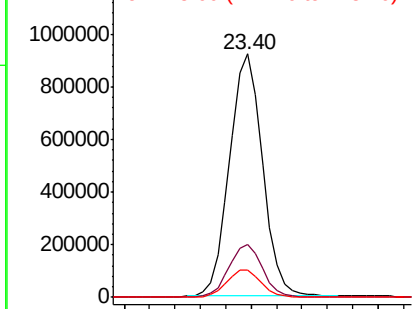
#91
Benzo(a)pyrene
Concen: 23.958 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 1657281
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 11.2 9.0 13.6

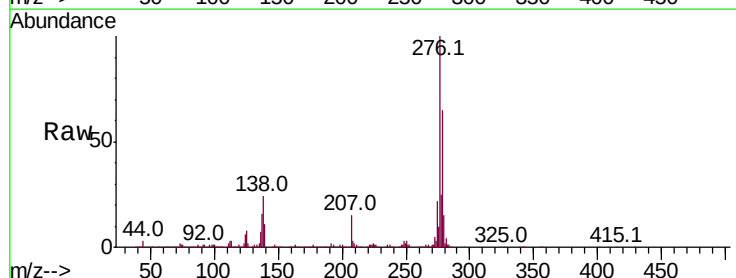


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

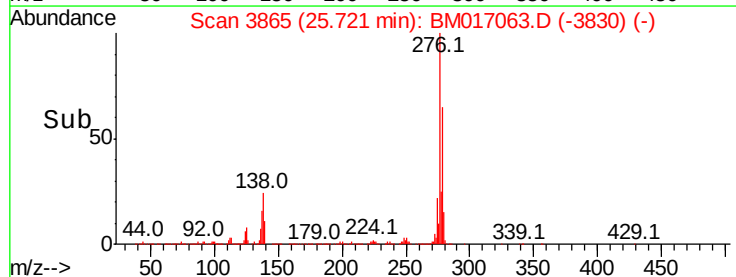
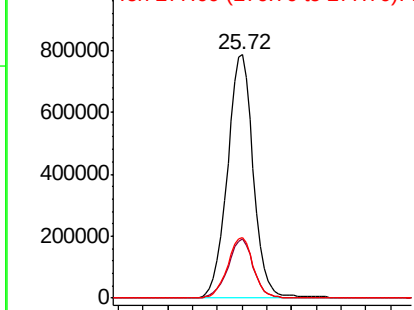


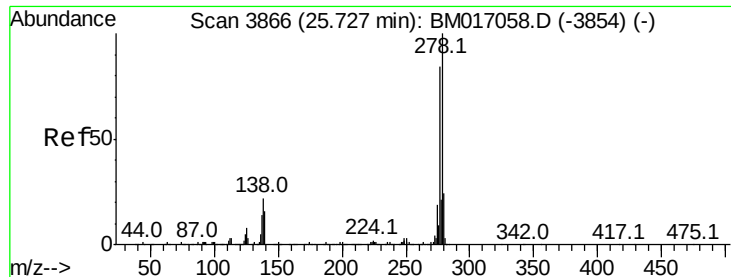
#92
Indeno(1,2,3-cd)pyrene
Concen: 27.993 ng/ul
RT: 25.72 min Scan# 3865
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:276 Resp: 2286076
Ion Ratio Lower Upper
276 100
138 24.5 20.3 30.5
277 24.7 20.2 30.2



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





#93

Dibenzo(a,h)anthracene

Concen: 21.836 ng/ul

RT: 25.73 min Scan# 3866

Delta R.T. -0.00 min

Lab File: BM017063.D

Acq: 08 Oct 2018 12:14

Instrument :

BNA_M

ClientSampleId :

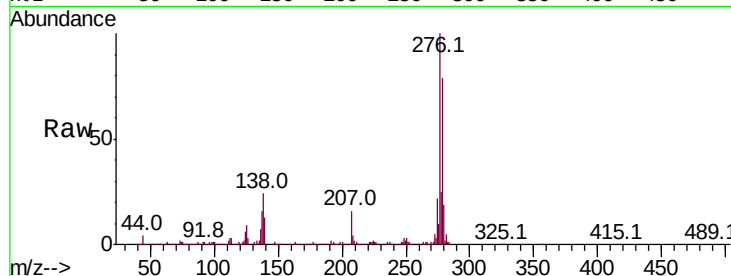
Tot Ion:278 Resp: 1484499

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.2	19.8
279	24.1	18.4	27.6

278 100

139 16.8 13.2 19.8

279 24.1 18.4 27.6



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

