

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
 Data File : BM017095.D
 Acq On : 10 Oct 2018 13:03
 Operator : MJ/SJ
 Sample : J5295-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3Z41

Quant Time: Oct 11 04:23:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 11 04:10:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	215238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	991853	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	544881	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1162038	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1088546	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1013119	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16217	3.75	ng/uL	0.00
5) Phenol-d5	6.87	99	528055	29.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	312415	28.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	440306	29.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	425915	30.21	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	217766	30.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	220760	29.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	479220	31.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	512636	28.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1425483	32.97	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1855110	33.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	200471	24.54	ng/ul	0.00
58) Fluorene-d10	15.33	176	1277174	33.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	159328	23.25	ng/ul	0.00
71) Anthracene-d10	17.18	188	1884291	33.95	ng/ul	0.00
79) Pyrene-d10	19.47	212	1885173	38.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1819472	35.08	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	78733	17.303	ng/uL 94
4) Benzaldehyde	6.85	77	440503	39.440	ng/ul 95
6) Phenol	6.90	94	764148	42.452	ng/ul 99
10) 2-Chlorophenol	7.26	128	389676	26.162	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.50	70	327488	31.403	ng/ul 98
20) Nitrobenzene	8.89	77	392003	22.877	ng/ul 99
23) 2-Nitrophenol	9.59	139	216549	25.988	ng/ul 99
27) 2,4-Dichlorophenol	10.12	162	427053	28.969	ng/ul 98
28) Naphthalene	10.52	128	942238	18.490	ng/ul 99
31) Hexachlorobutadiene	10.80	225	284381	28.372	ng/ul 99
33) 4-Chloro-3-methylphenol	11.76	107	728839	48.121	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	421267	22.516	ng/ul 99
39) 2,4,6-Trichlorophenol	12.75	196	509781	45.148	ng/ul 98
41) 1,1'-Biphenyl	13.16	154	1369108	30.478	ng/ul 99
42) 2-Chloronaphthalene	13.20	162	657381	18.577	ng/ul 98
45) Dimethylphthalate	13.80	163	1059000	24.739	ng/ul 100
46) 2,6-Dinitrotoluene	13.92	165	183850	25.509	ng/ul 94
50) Acenaphthene	14.40	153	925986	24.622	ng/ul 99
53) 4-Nitrophenol	14.55	109	150637	25.399	ng/ul 98
54) Dibenzofuran	14.73	168	1078589	20.311	ng/ul 97
56) 2,3,4,6-Tetrachlorophenol	14.96	232	285099	26.218	ng/ul 99
60) 4-Chlorophenyl-phenylether	15.38	204	422255	18.712	ng/ul 98
64) 4,6-Dinitro-2-methylphenol	15.47	198	316016	43.508	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

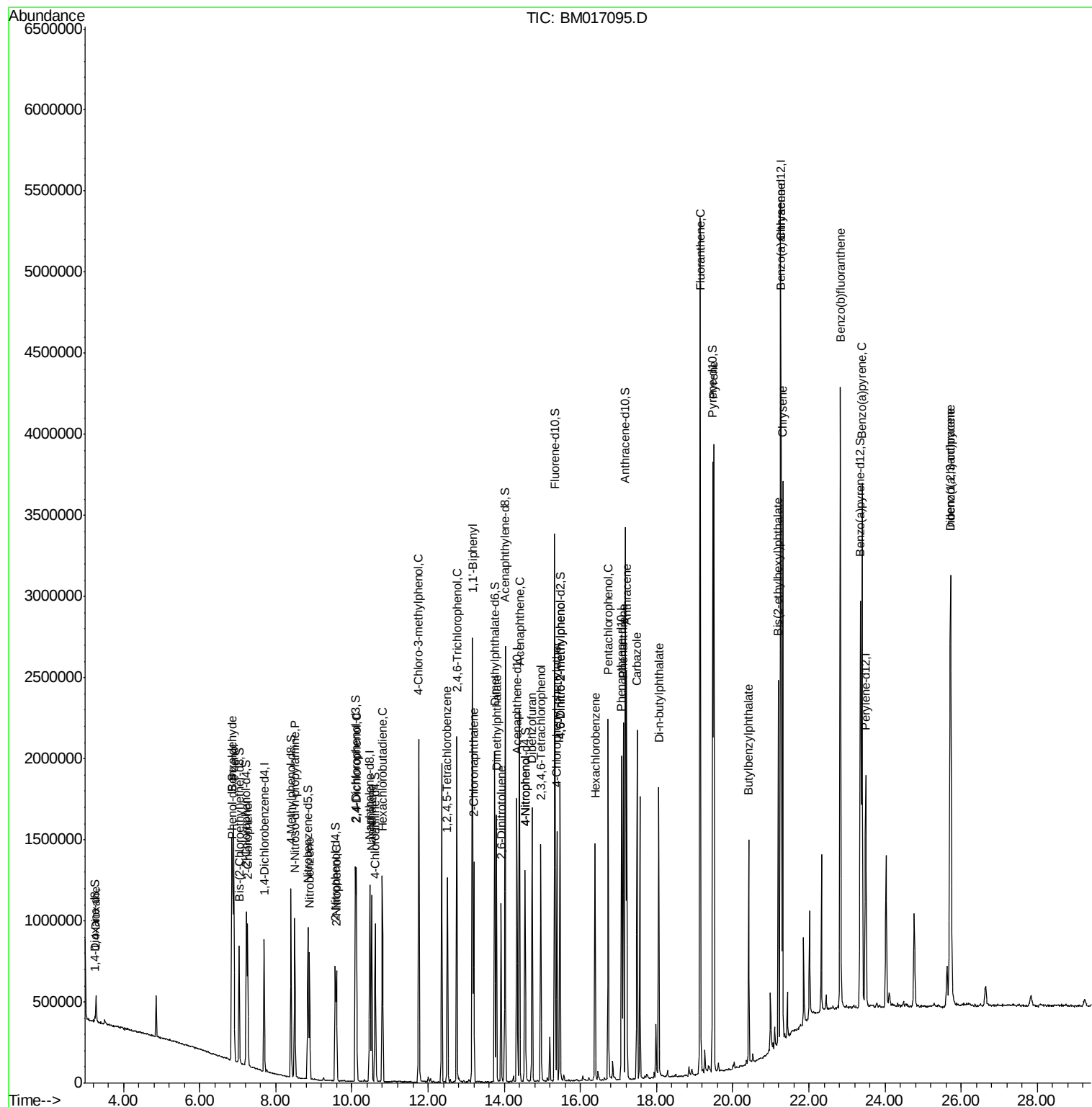
67) Hexachlorobenzene	16.39	284	324176	21.993	ng/ul	99
69) Pentachlorophenol	16.73	266	389344	43.811	ng/ul	98
70) Phenanthrene	17.12	178	1304219	20.017	ng/ul	100
72) Anthracene	17.22	178	1563483	23.616	ng/ul	99
75) Carbazole	17.49	167	1294525	22.593	ng/ul	99
76) Di-n-butylphthalate	18.06	149	1236571	19.304	ng/ul	100
77) Fluoranthene	19.14	202	3149735	41.733	ng/ul	100
80) Pyrene	19.50	202	2235850	35.450	ng/ul	99
81) Butylbenzylphthalate	20.42	149	372413	17.113	ng/ul	97
83) Benzo(a)anthracene	21.26	228	2500959	38.299	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	714124	21.173	ng/ul	99
85) Chrysene	21.31	228	1735713	27.483	ng/ul	99
88) Benzo(b)fluoranthene	22.83	252	1753373	29.064	ng/ul	99
91) Benzo(a)pyrene	23.40	252	1565981	26.935	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.72	276	2012984	29.327	ng/ul	97
93) Dibenzo(a,h)anthracene	25.73	278	1307992	22.891	ng/ul	99

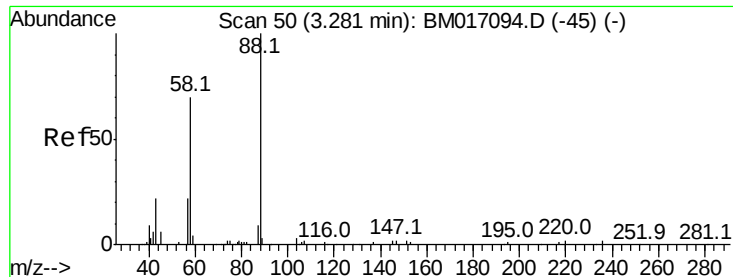
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 17.303 ng/uL

RT: 3.28 min Scan# 50

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

BNA_M

ClientSampleId :

A3Z41

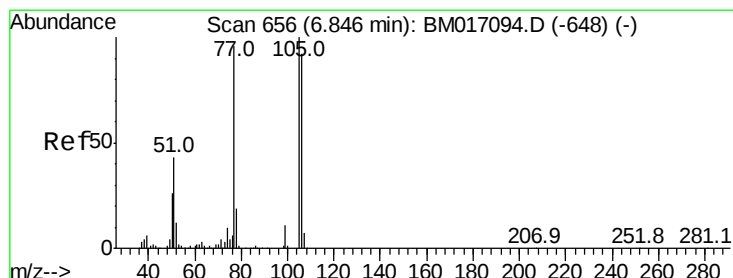
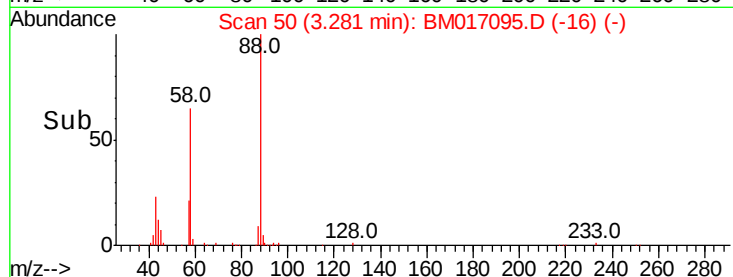
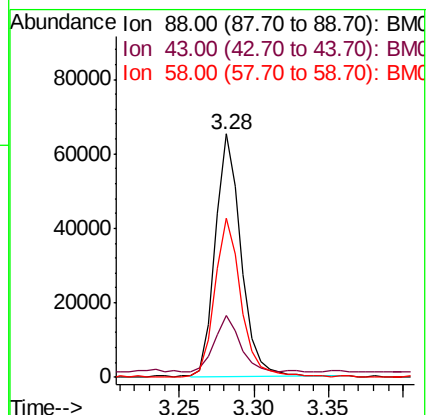
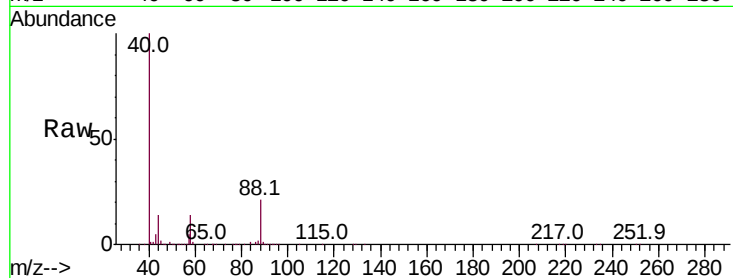
Tot Ion: 88 Resp: 78733

Ion Ratio Lower Upper

88 100

43 25.6 25.0 37.4

58 65.1 55.0 82.4



#4

Benzaldehyde

Concen: 39.440 ng/uL

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

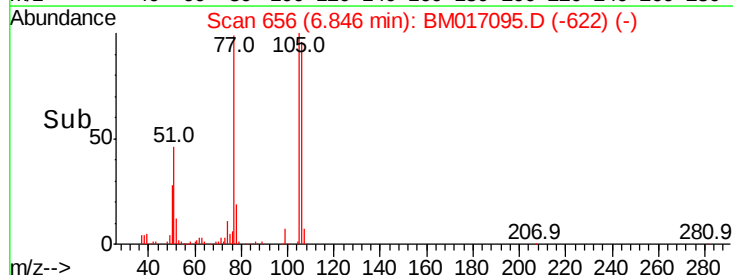
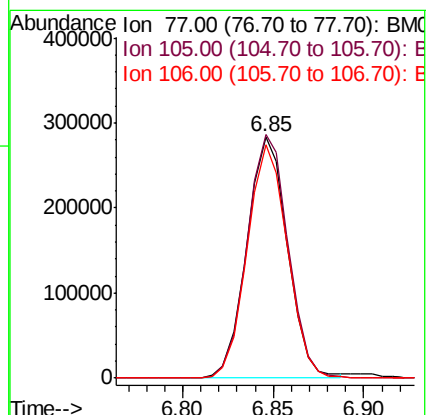
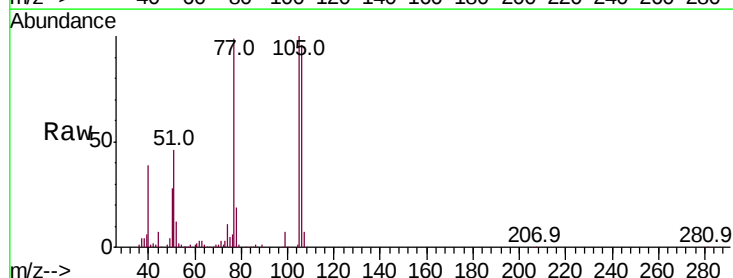
Tgt Ion: 77 Resp: 440503

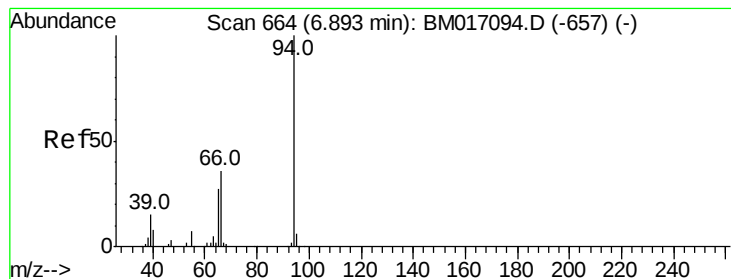
Ion Ratio Lower Upper

77 100

105 100.8 75.4 113.2

106 96.3 73.8 110.8





#6

Phenol

Concen: 42.452 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

BNA_M

ClientSampleId :

A3Z41

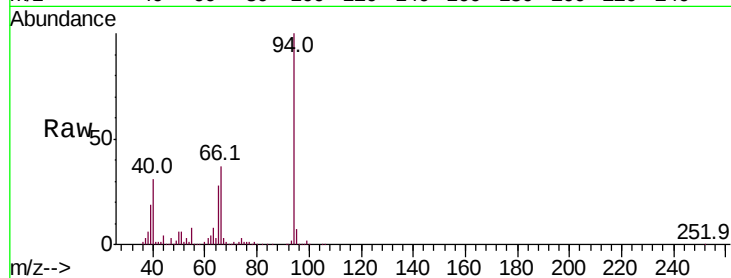
Tot Ion: 94 Resp: 764148

Ion Ratio Lower Upper

94 100

65 27.5 22.8 34.2

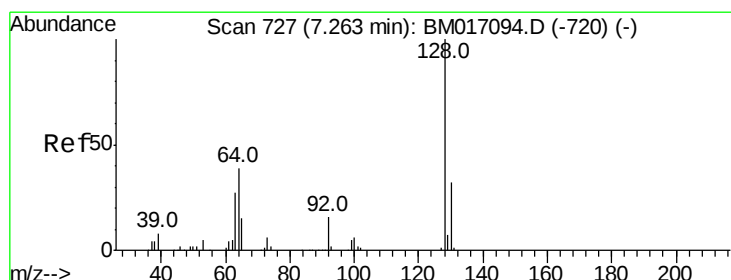
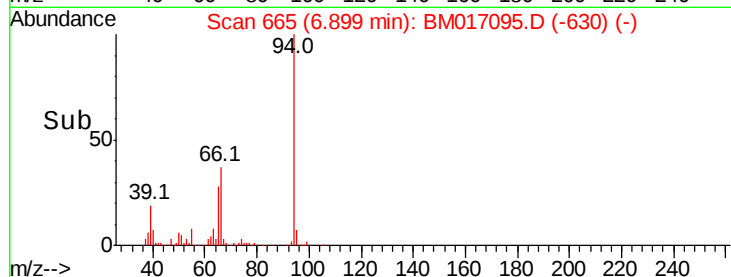
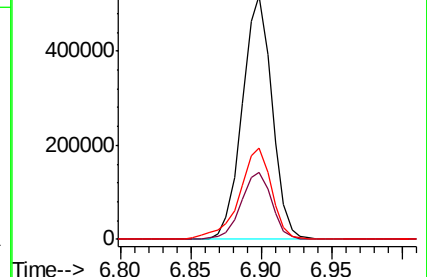
66 37.3 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BM017094.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM017094.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM017094.D (-657) (-)



#10

2-Chlorophenol

Concen: 26.162 ng/ul

RT: 7.26 min Scan# 727

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

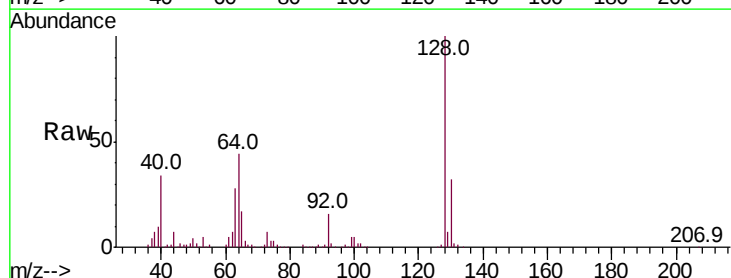
Tgt Ion:128 Resp: 389676

Ion Ratio Lower Upper

128 100

64 43.6 37.2 55.8

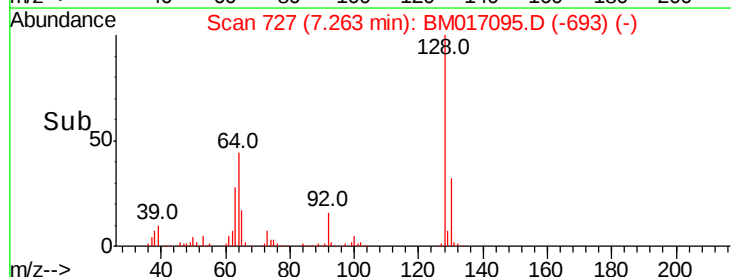
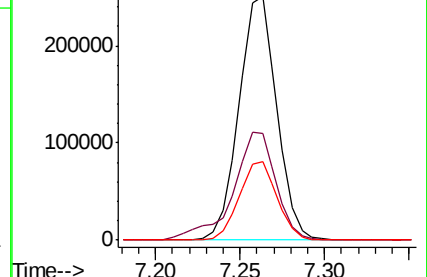
130 32.2 26.1 39.1

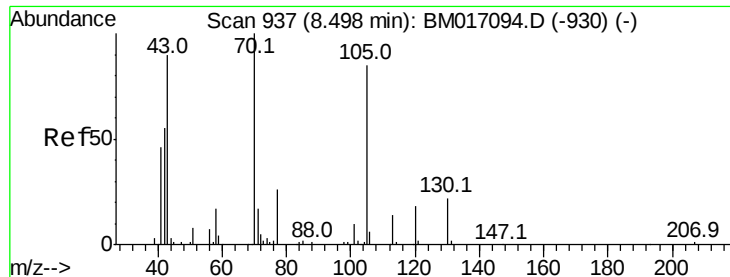


Abundance Ion 128.00 (127.70 to 128.70): BM017094.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM017094.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM017094.D (-720) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 31.403 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

BNA_M

ClientSampleId :

A3Z41

Tot Ion: 70 Resp: 327488

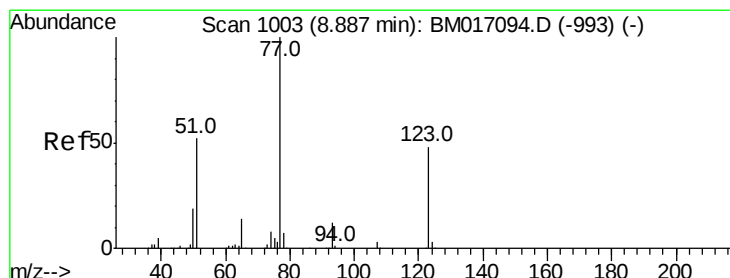
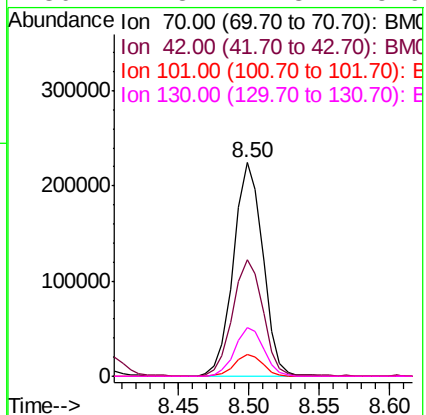
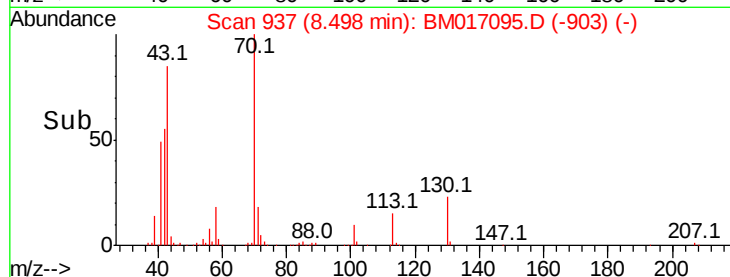
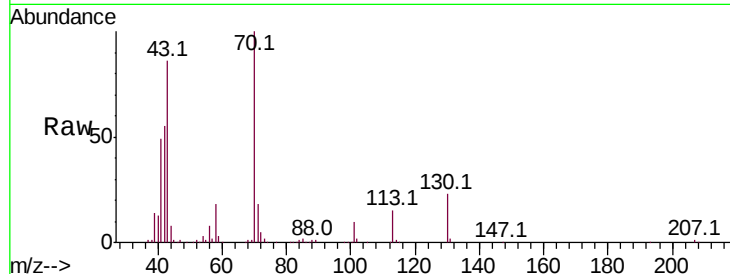
Ion Ratio Lower Upper

70 100

42 54.7 45.1 67.7

101 10.0 7.5 11.3

130 22.8 17.3 25.9



#20

Nitrobenzene

Concen: 22.877 ng/ul

RT: 8.89 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

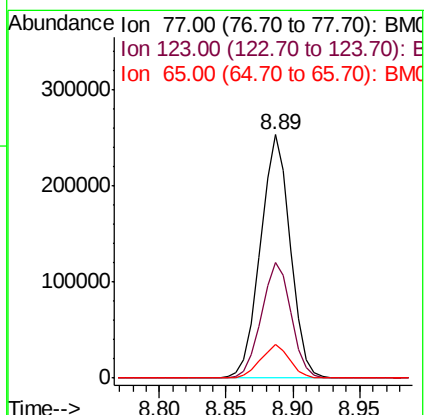
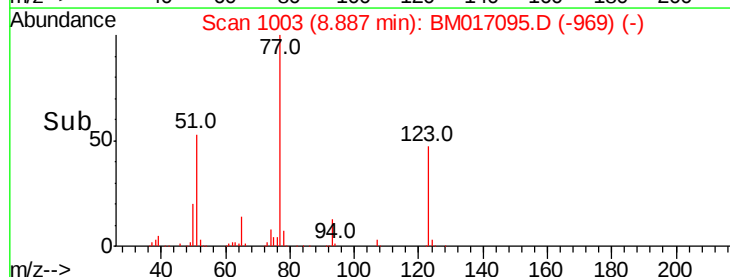
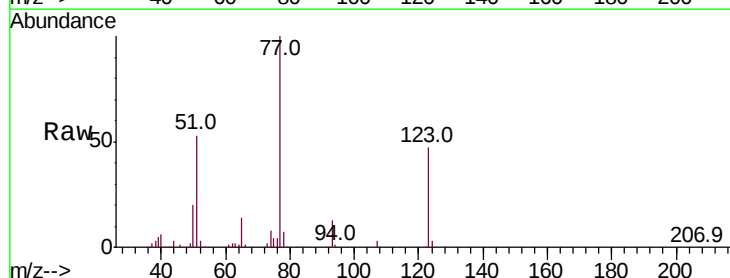
Tgt Ion: 77 Resp: 392003

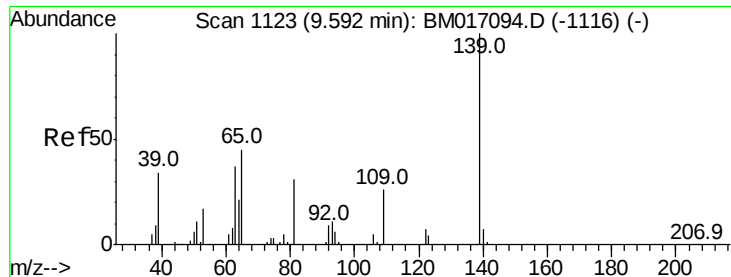
Ion Ratio Lower Upper

77 100

123 47.3 37.6 56.4

65 13.7 10.1 15.1





#23

2-Nitrophenol

Concen: 25.988 ng/ul

RT: 9.59 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

BNA_M

ClientSampled :

A3Z41

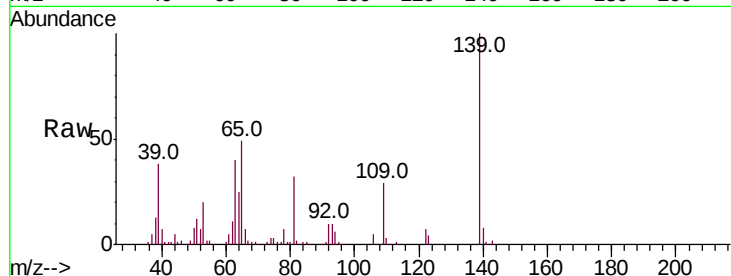
Tot Ion:139 Resp: 216549

Ion Ratio Lower Upper

139 100

65 48.9 38.2 57.2

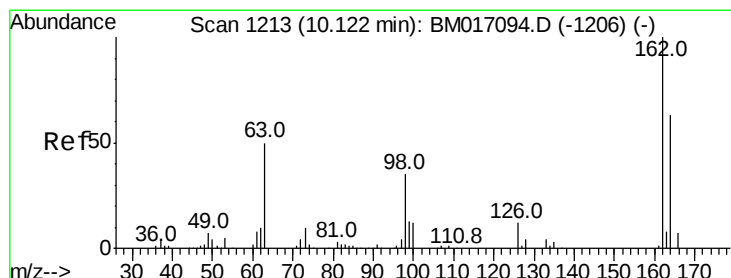
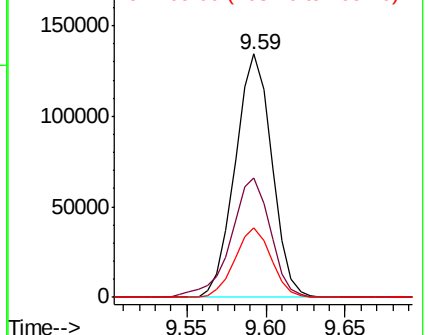
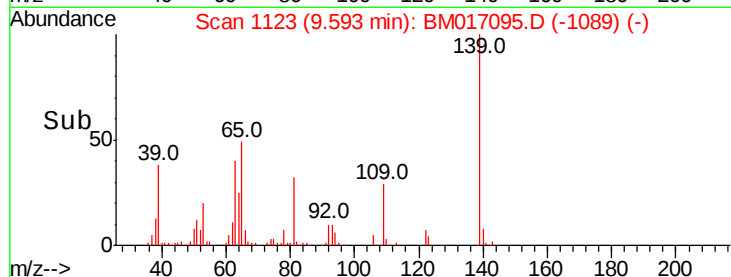
109 28.8 22.7 34.1



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: 28.969 ng/ul

RT: 10.12 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

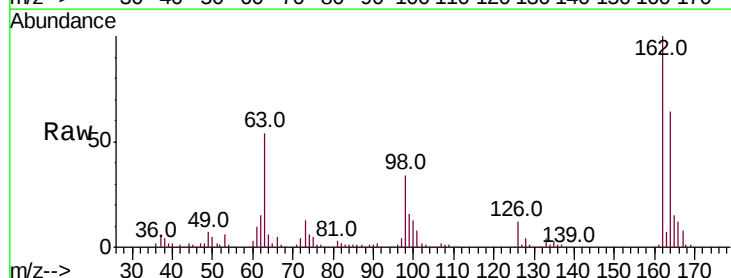
Tgt Ion:162 Resp: 427053

Ion Ratio Lower Upper

162 100

164 64.5 52.4 78.6

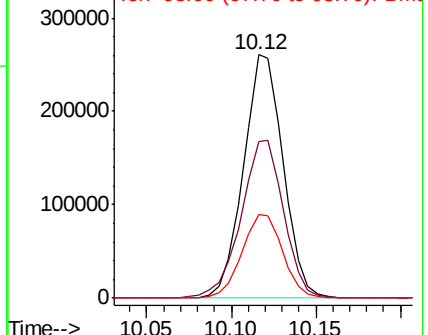
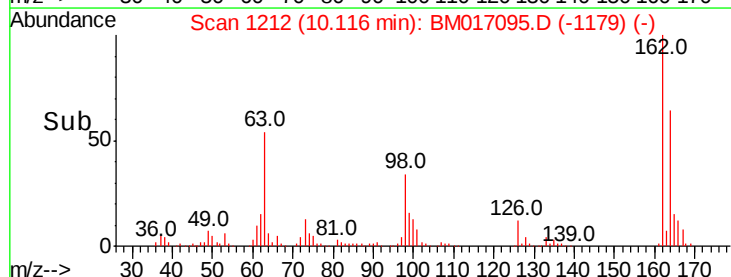
98 34.2 28.4 42.6

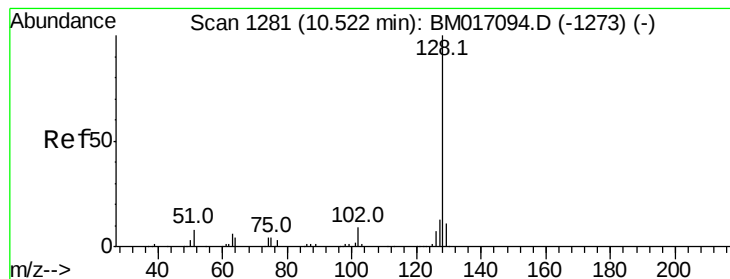


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM





#28

Naphthalene

Concen: 18.490 ng/ul

RT: 10.52 min Scan# 1281

Delta R.T. 0.00 min

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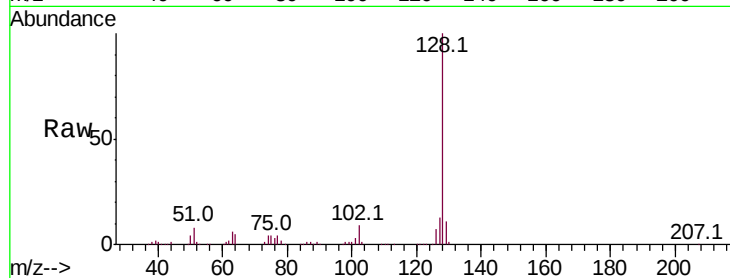
Tot Ion:128 Resp: 942238

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

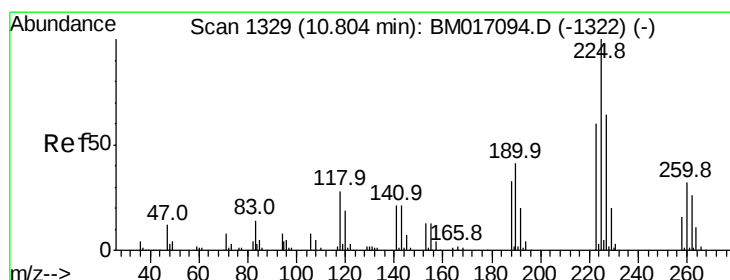
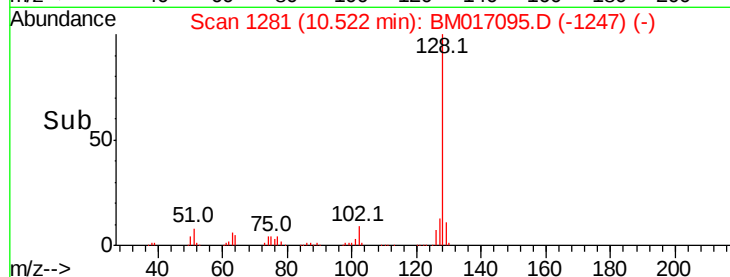
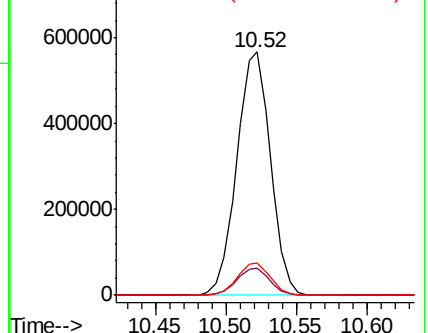
127 13.3 10.5 15.7



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



#31

Hexachlorobutadiene

Concen: 28.372 ng/ul

RT: 10.80 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

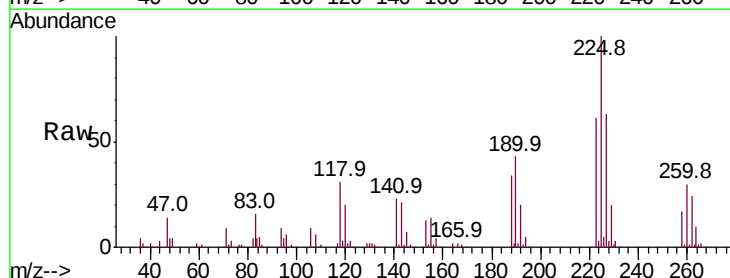
Tgt Ion:225 Resp: 284381

Ion Ratio Lower Upper

225 100

223 61.2 48.6 72.8

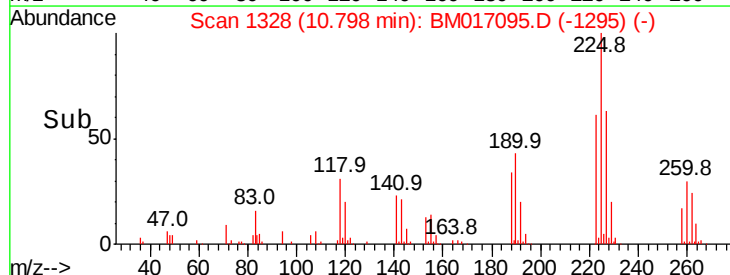
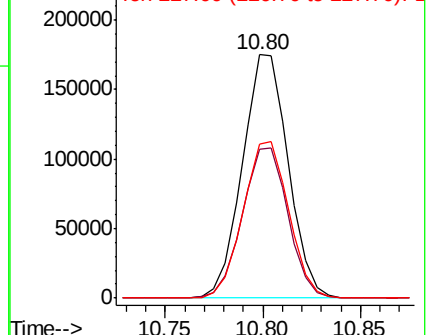
227 63.0 49.6 74.4

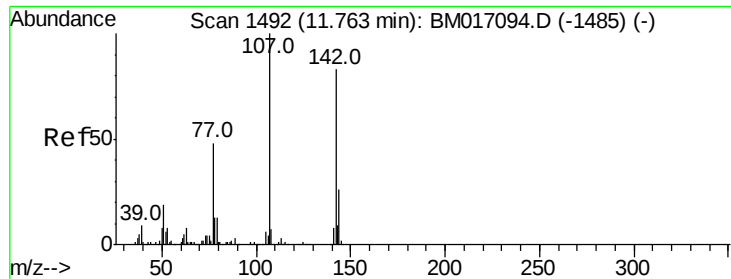


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

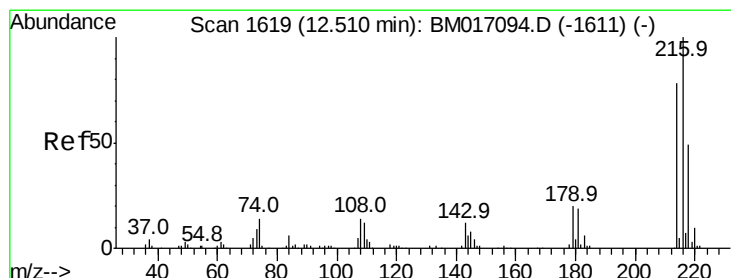
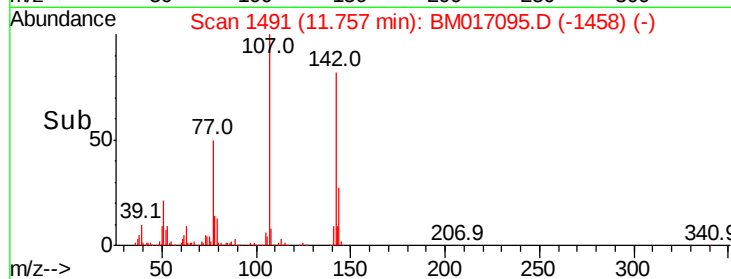
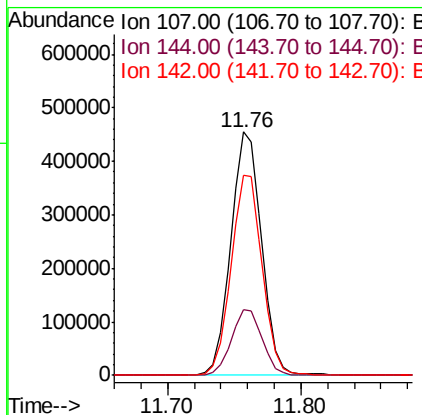
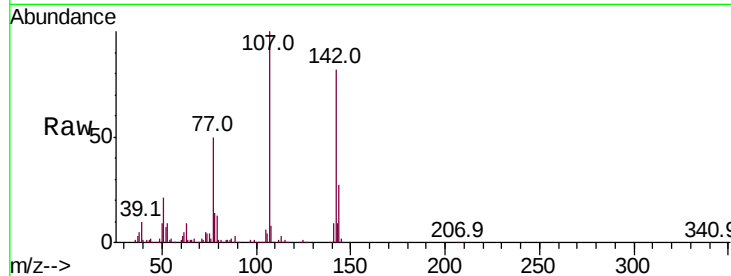




#33
 4-Chloro-3-methylphenol
 Concen: 48.121 ng/ul
 RT: 11.76 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

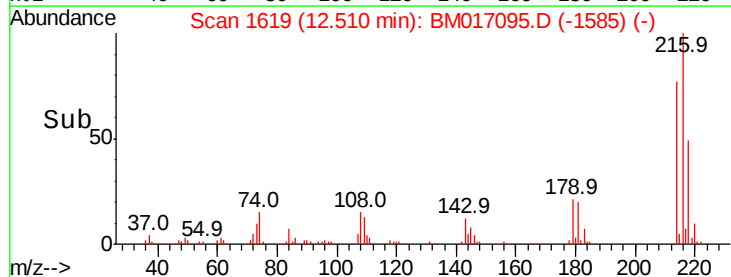
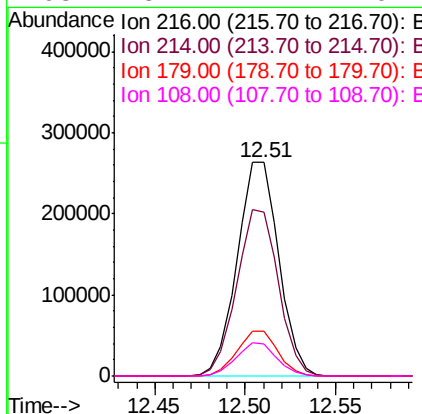
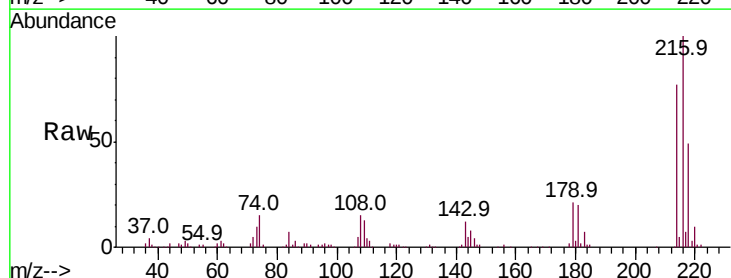
Instrument :
 BNA_M
 ClientSampleId :
 A3Z41

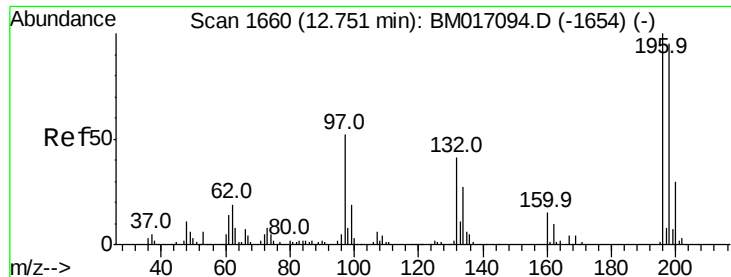
Tot Ion:107 Resp: 728839
 Ion Ratio Lower Upper
 107 100
 144 26.8 22.2 33.4
 142 82.4 67.0 100.6



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.516 ng/ul
 RT: 12.51 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

Tgt Ion:216 Resp: 421267
 Ion Ratio Lower Upper
 216 100
 214 77.0 61.0 91.6
 179 21.0 16.6 24.8
 108 15.1 12.7 19.1

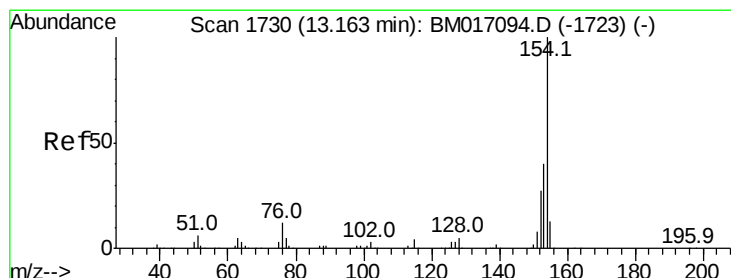
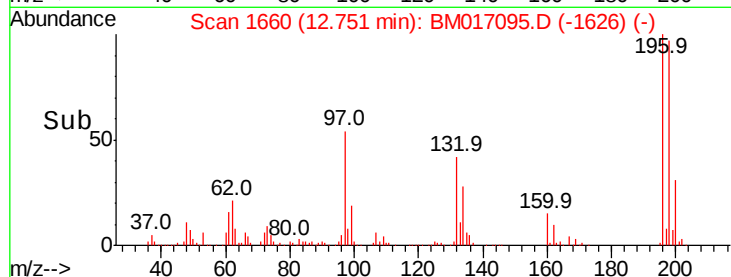
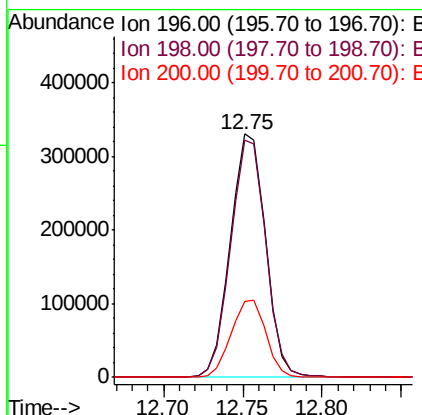
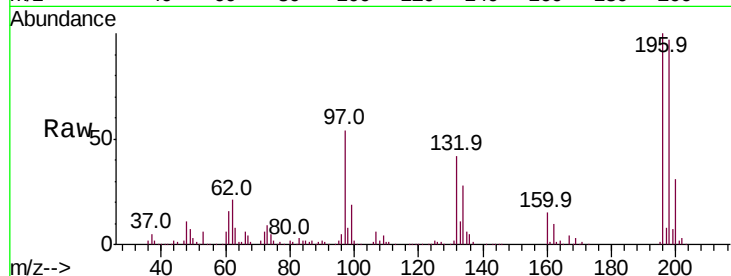




#39
 2,4,6-Trichlorophenol
 Concen: 45.148 ng/ul
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

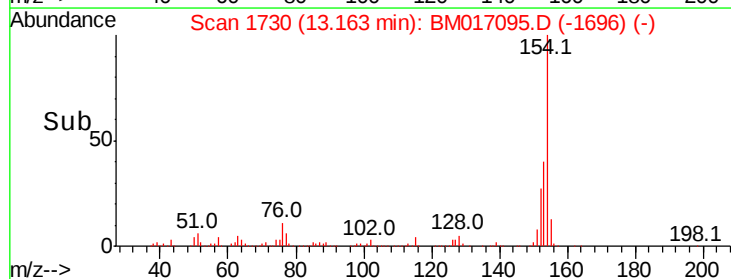
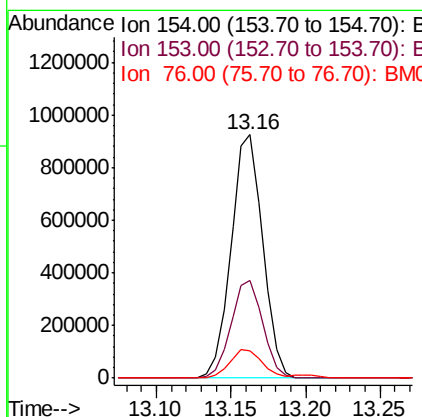
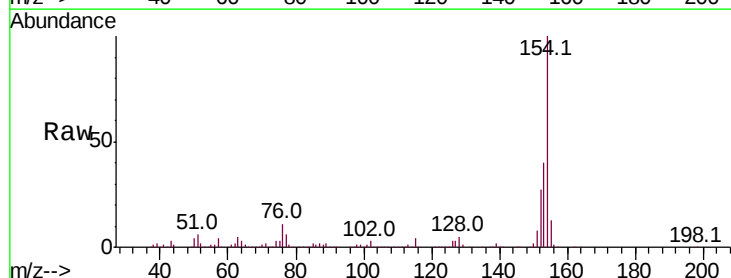
Instrument :
 BNA_M
 ClientSampleId :
 A3Z41

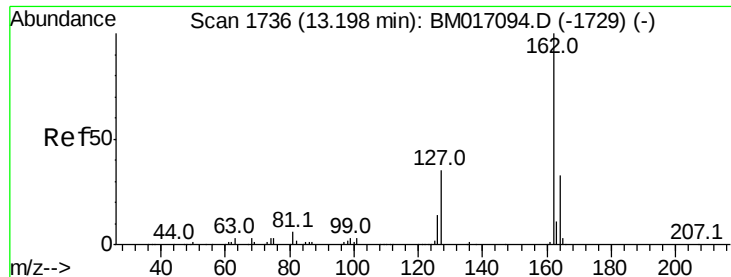
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.9	119.9
200	31.4	25.6	38.4



#41
 1,1'-Biphenyl
 Concen: 30.478 ng/ul
 RT: 13.16 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	32.0	48.0
76	11.5	10.2	15.2





#42

2-Chloronaphthalene

Concen: 18.577 ng/ul

RT: 13.20 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

BNA_M

ClientSampleId :

A3Z41

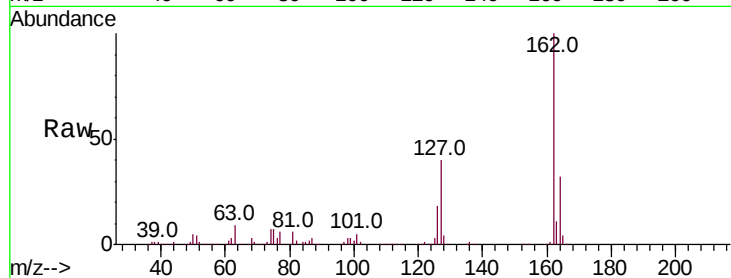
Tot Ion:162 Resp: 657381

Ion Ratio Lower Upper

162 100

164 32.4 26.9 40.3

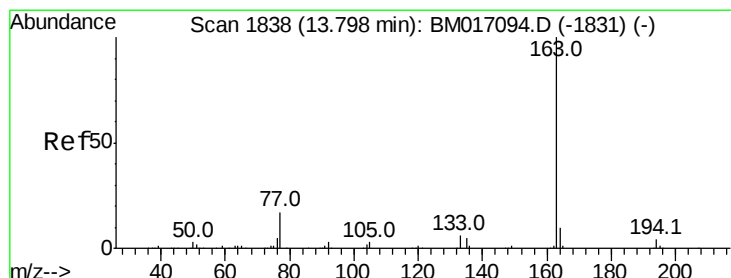
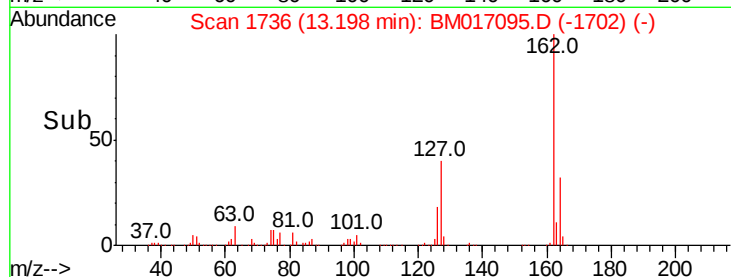
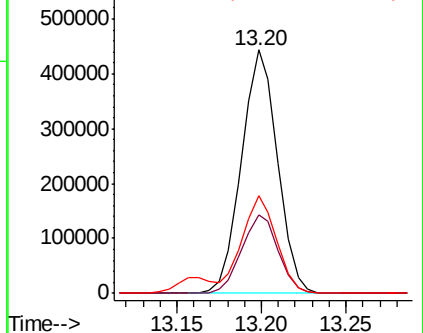
127 40.1 30.7 46.1



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: 24.739 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

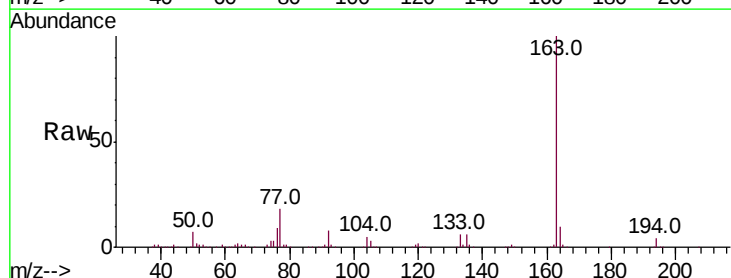
Tgt Ion:163 Resp: 1059000

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

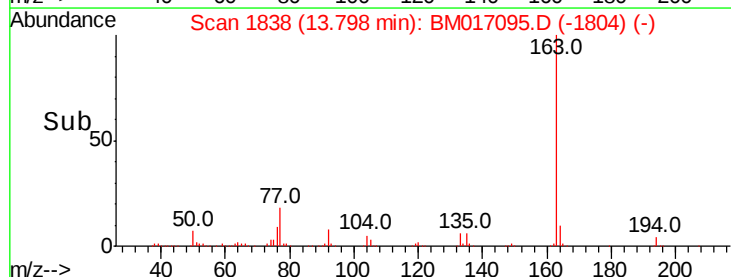
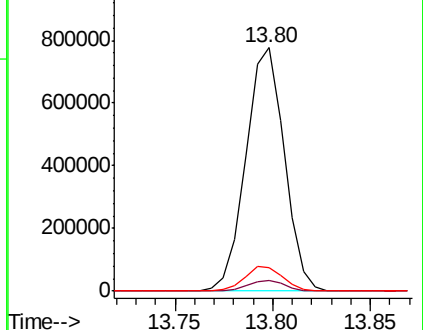
164 9.9 8.0 12.0

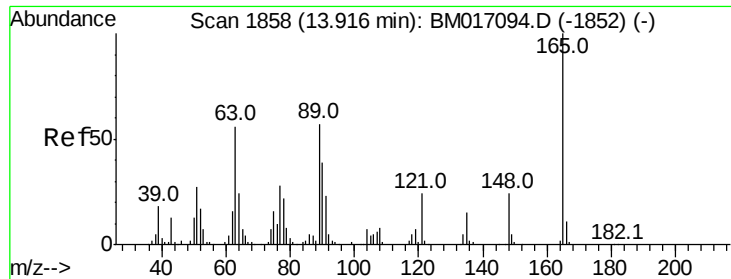


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

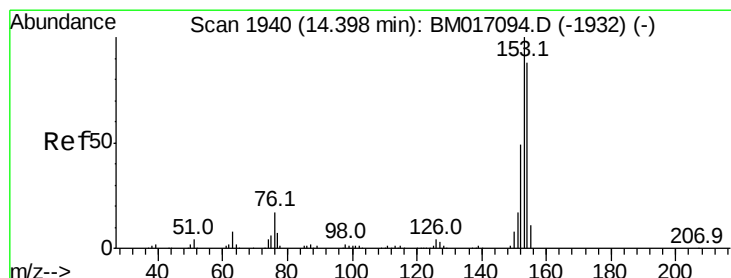
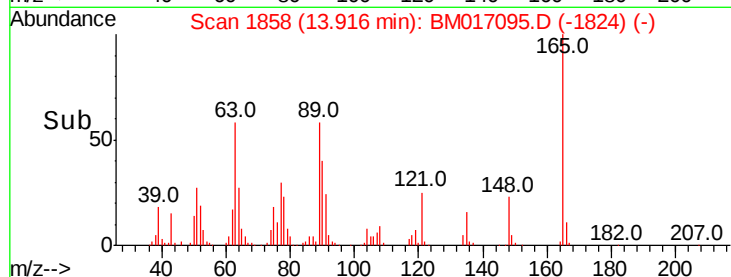
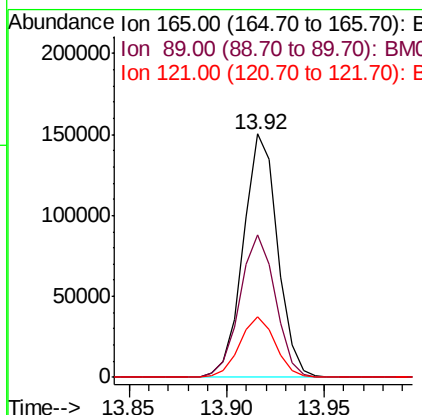
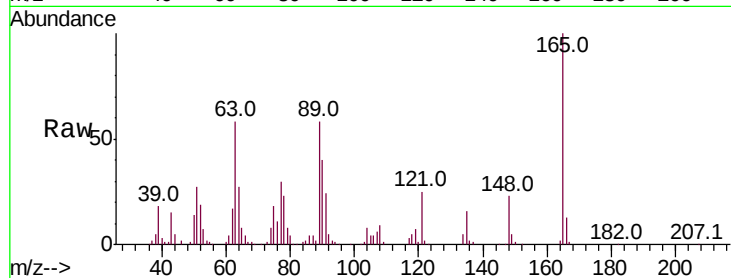




#46
 2,6-Dinitrotoluene
 Concen: 25.509 ng/ul
 RT: 13.92 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

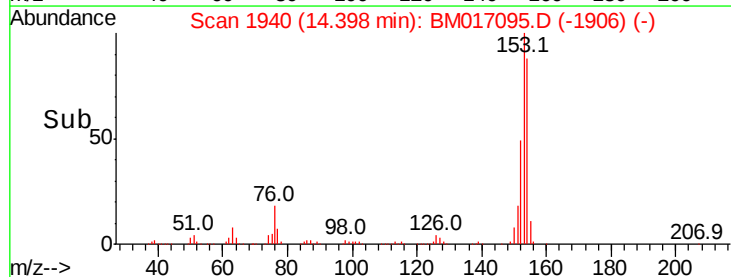
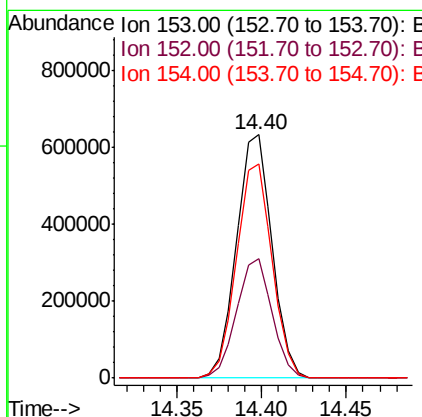
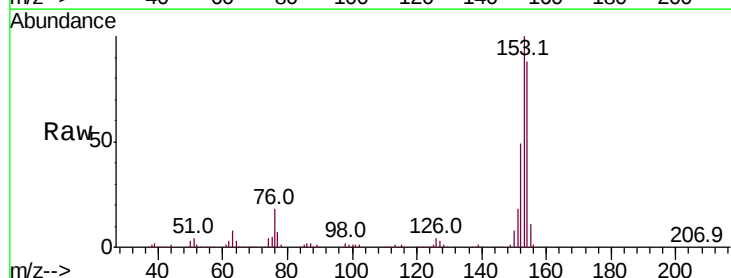
Instrument :
 BNA_M
 ClientSampleId :
 A3Z41

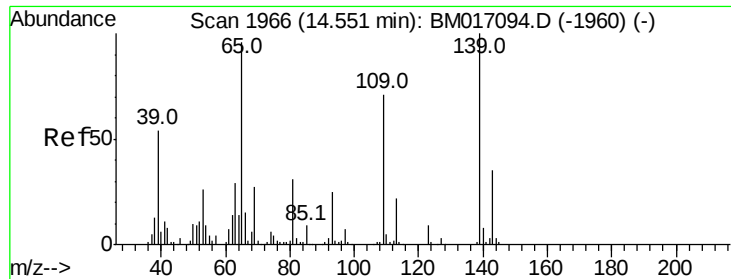
Tot Ion	Ratio	Lower	Upper
165	100		
89	58.5	43.0	64.6
121	24.8	18.0	27.0



#50
 Acenaphthene
 Concen: 24.622 ng/ul
 RT: 14.40 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.2	38.3	57.5
154	87.9	71.0	106.6





#53

4-Nitrophenol

Concen: 25.399 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

BNA_M

ClientSampleId :

A3Z41

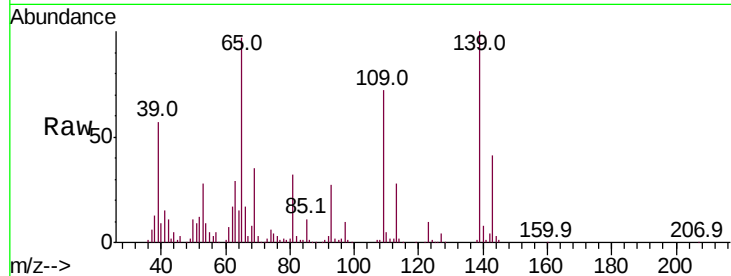
Tot Ion:109 Resp: 150637

Ion Ratio Lower Upper

109 100

139 139.2 114.1 171.1

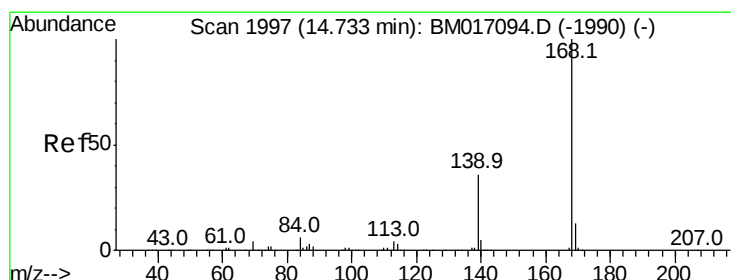
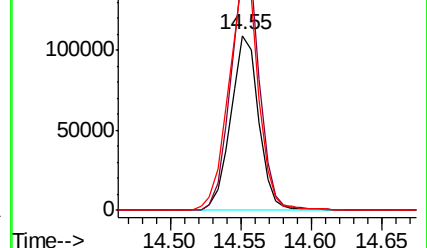
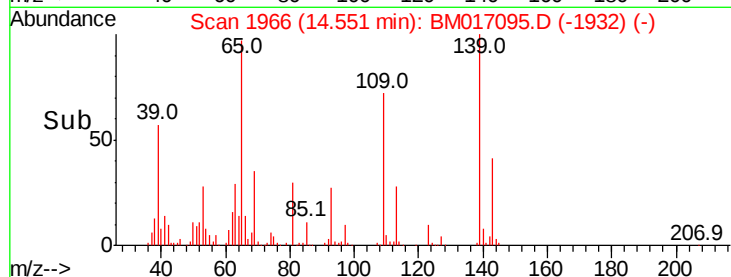
65 135.5 109.8 164.6



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): BM



#54

Dibenzofuran

Concen: 20.311 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM017095.D

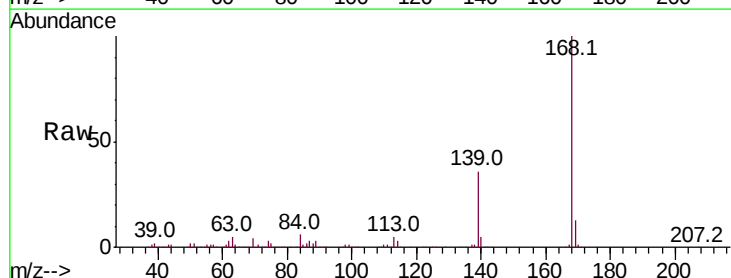
Acq: 10 Oct 2018 13:03

Tgt Ion:168 Resp: 1078589

Ion Ratio Lower Upper

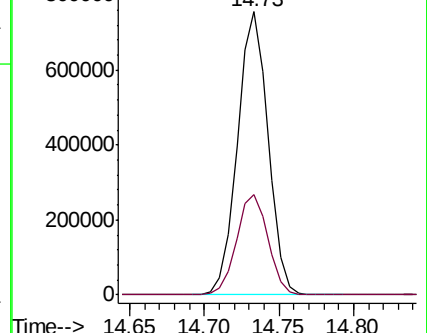
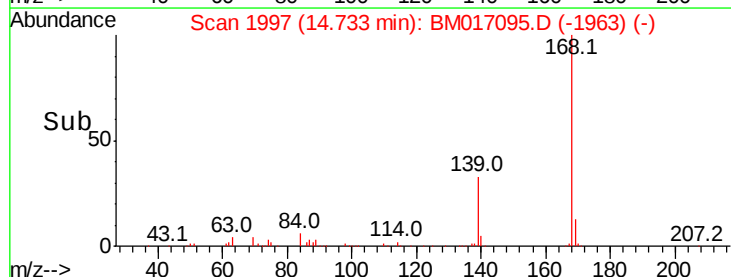
168 100

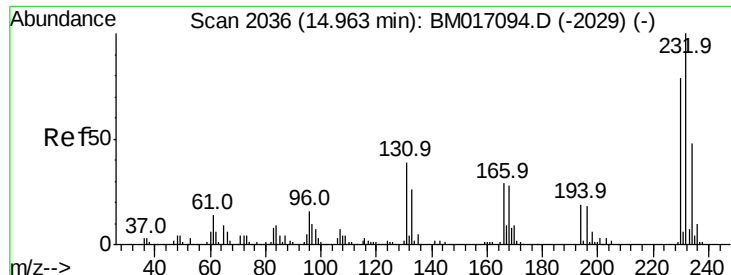
139 35.6 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

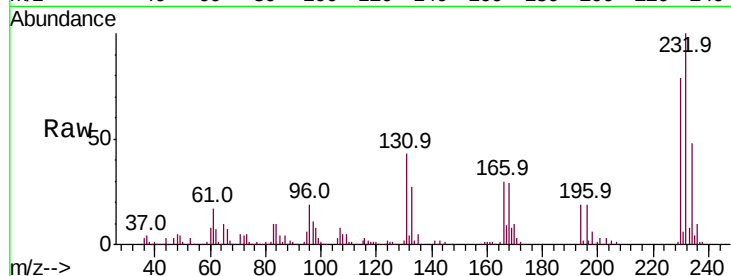




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 26.218 ng/ul
 RT: 14.96 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

Instrument :
 BNA_M
 ClientSampleId :
 A3Z41

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	33.8	50.6
130	2.3	1.7	2.5
166	30.0	24.6	37.0



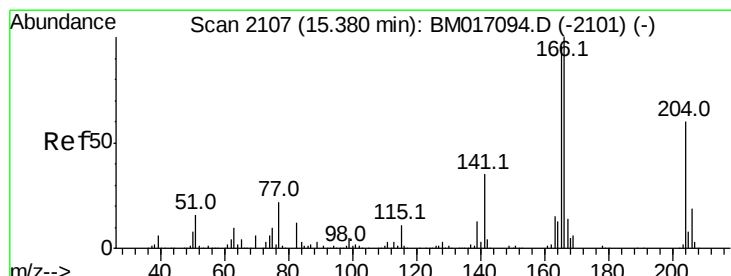
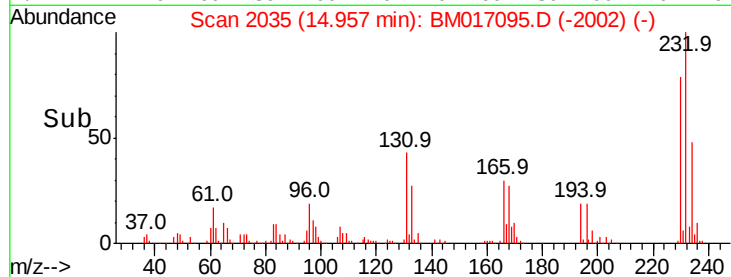
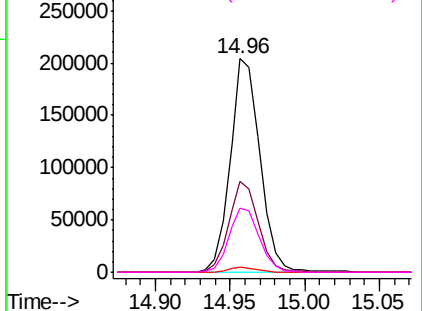
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

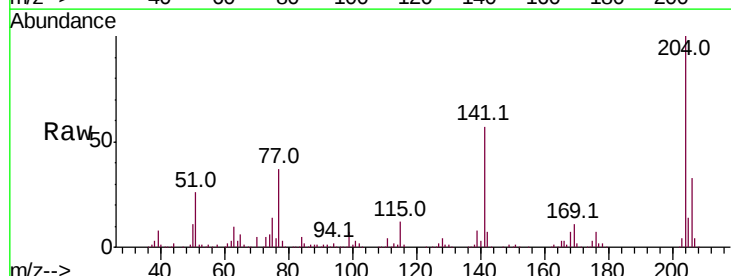
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 4-Chlorophenyl-phenylether
 Concen: 18.712 ng/ul
 RT: 15.38 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	57.2	44.2	66.4

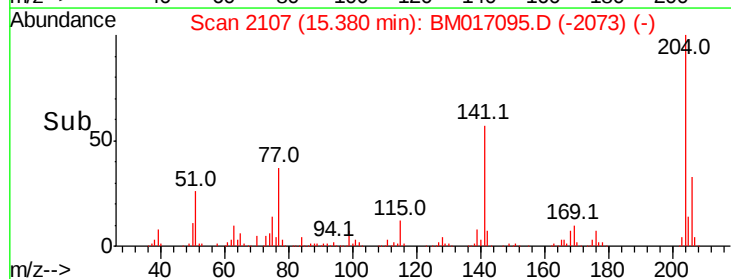
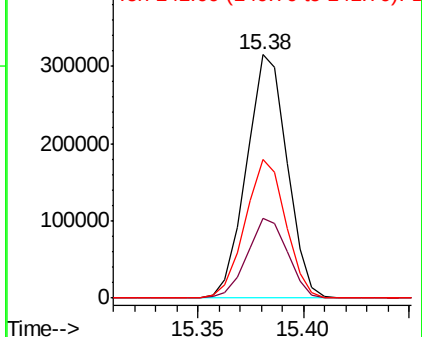


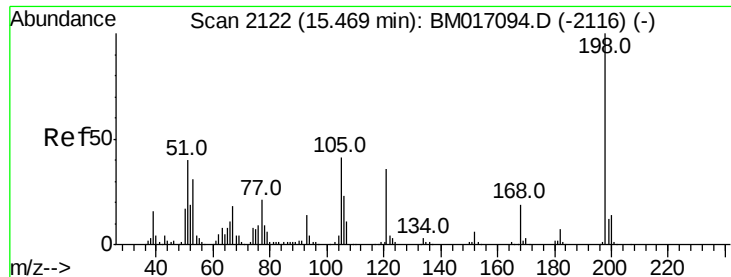
Abundance

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

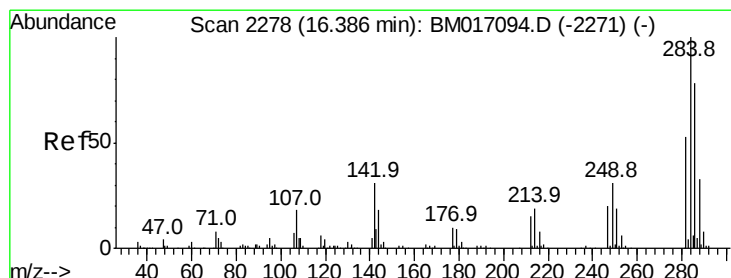
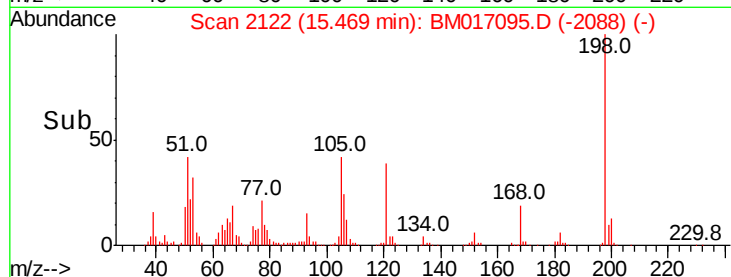
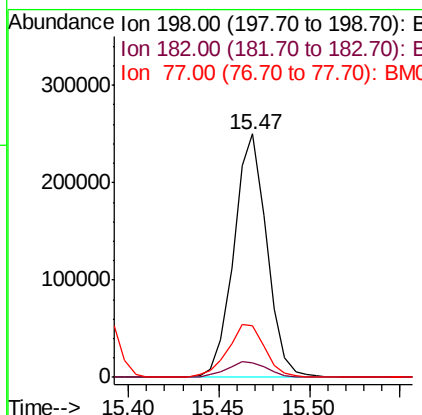
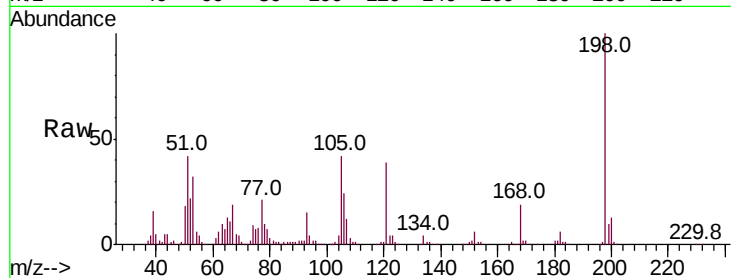




#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.508 ng/ul
 RT: 15.47 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

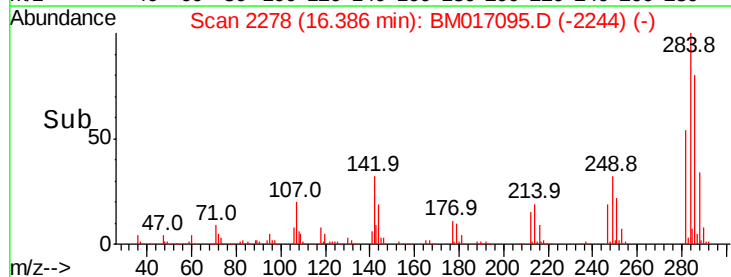
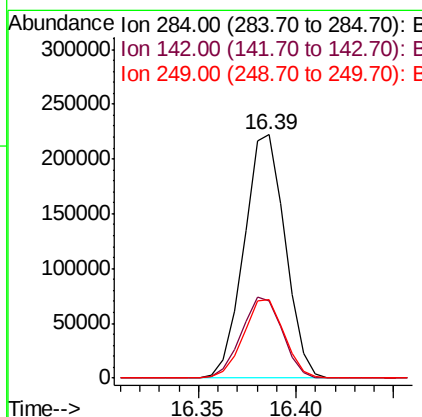
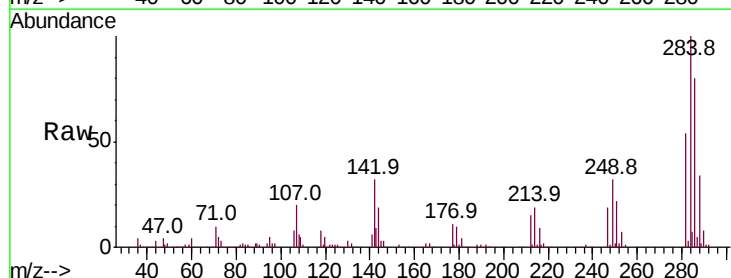
Instrument :
 BNA_M
 ClientSampleId :
 A3Z41

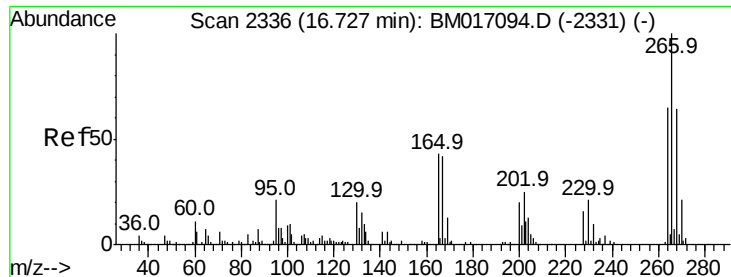
Tot Ion	Ratio	Lower	Upper
198	100		
182	6.1	5.1	7.7
77	21.0	16.9	25.3



#67
 Hexachlorobenzene
 Concen: 21.993 ng/ul
 RT: 16.39 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.8	38.6
249	32.1	25.4	38.2





#69

Pentachlorophenol

Concen: 43.811 ng/ul

RT: 16.73 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

BNA_M

ClientSampleId :

A3Z41

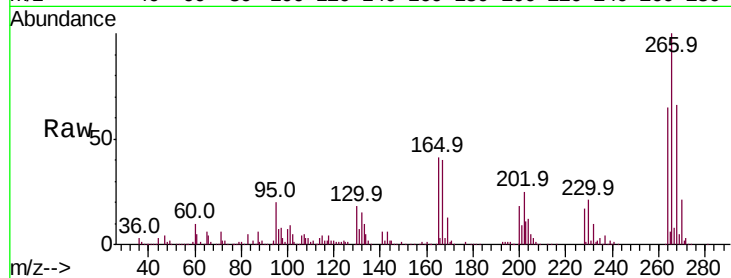
Tot Ion:266 Resp: 389344

Ion Ratio Lower Upper

266 100

264 65.0 50.4 75.6

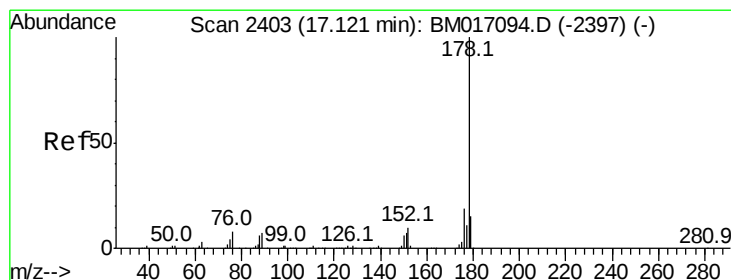
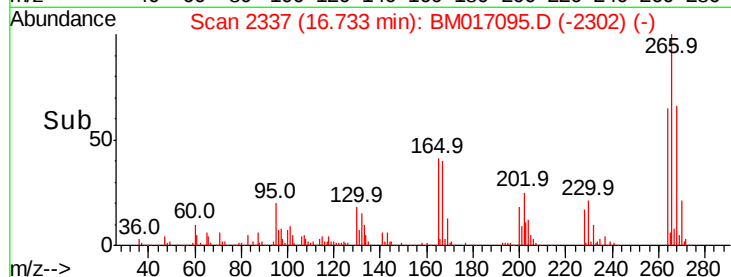
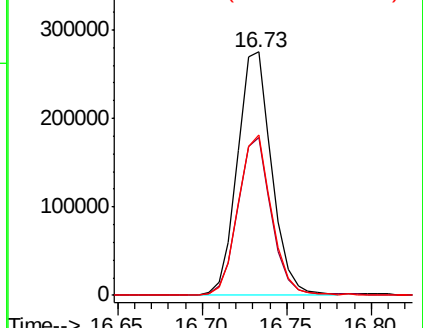
268 66.0 53.6 80.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 20.017 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

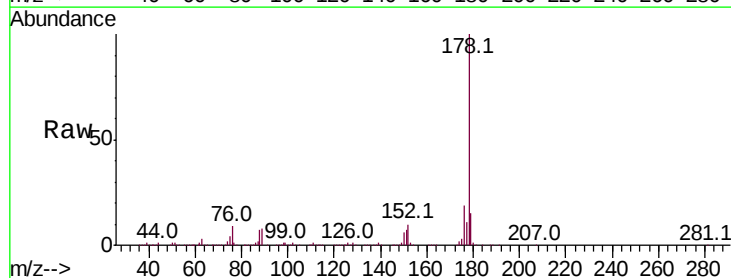
Tgt Ion:178 Resp: 1304219

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

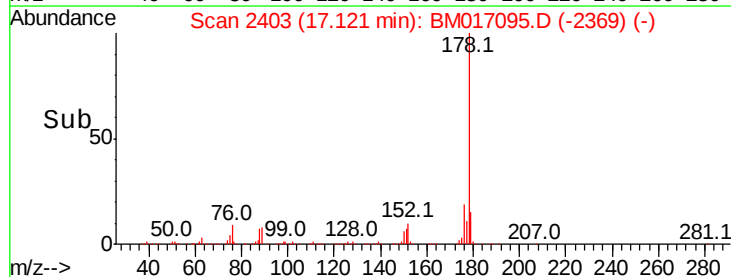
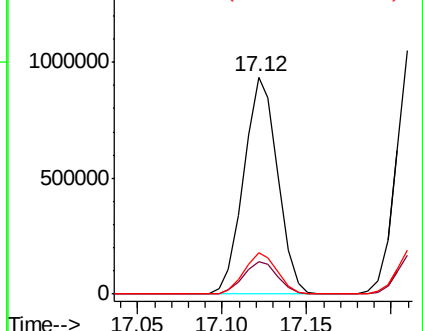
176 18.9 15.0 22.4

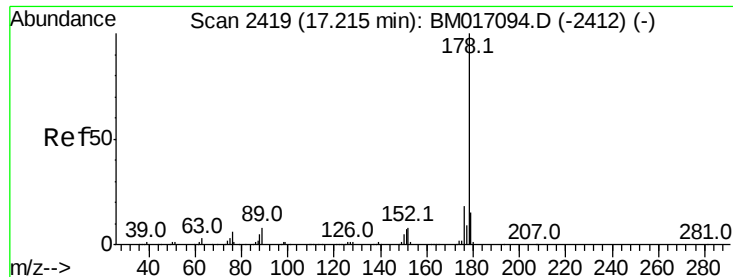


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

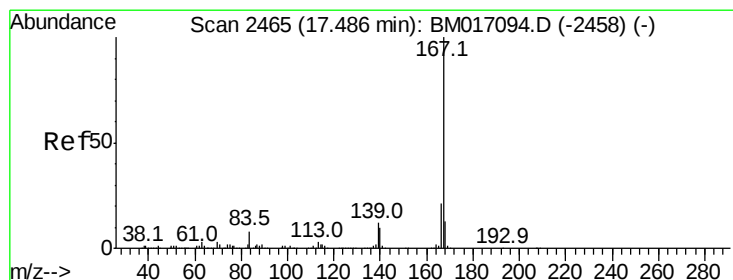
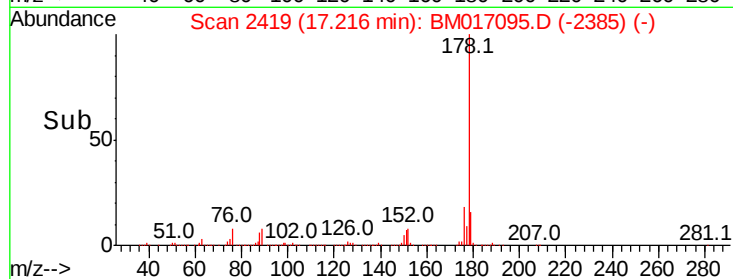
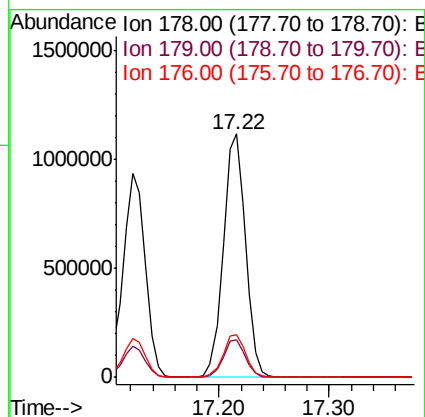
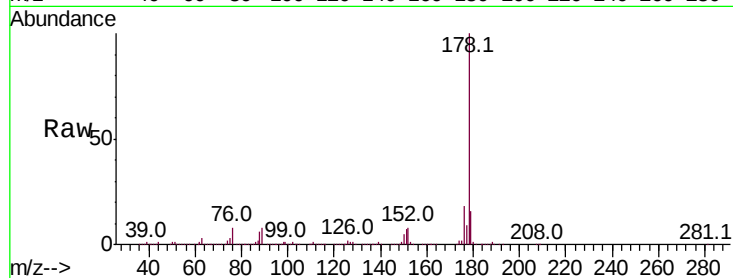




#72
 Anthracene
 Concen: 23.616 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

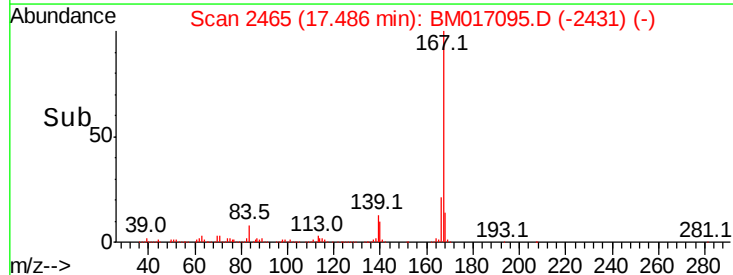
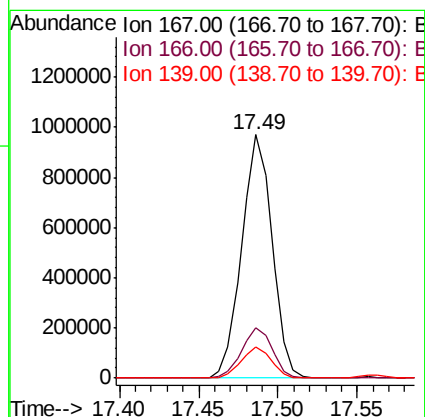
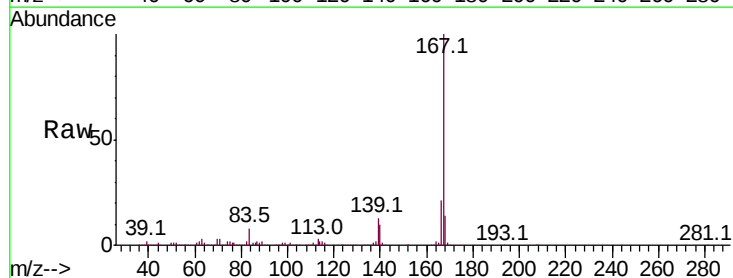
Instrument :
 BNA_M
 ClientSampleId :
 A3Z41

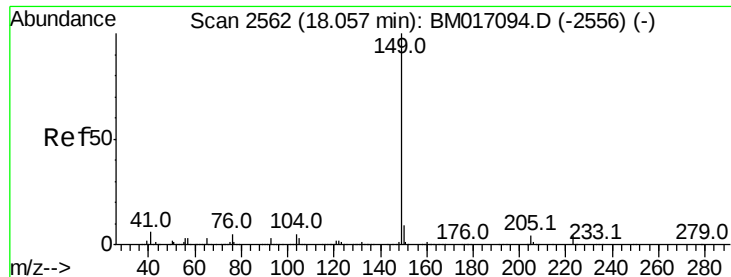
Tot Ion:178 Resp: 1563483
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.2 18.4
 176 17.7 14.6 22.0



#75
 Carbazole
 Concen: 22.593 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BM017095.D
 Acq: 10 Oct 2018 13:03

Tgt Ion:167 Resp: 1294525
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.0 25.4
 139 12.6 10.0 15.0

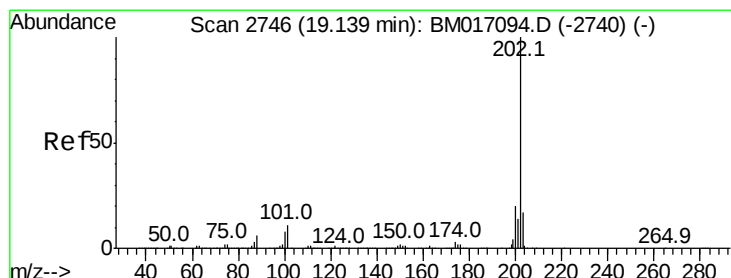
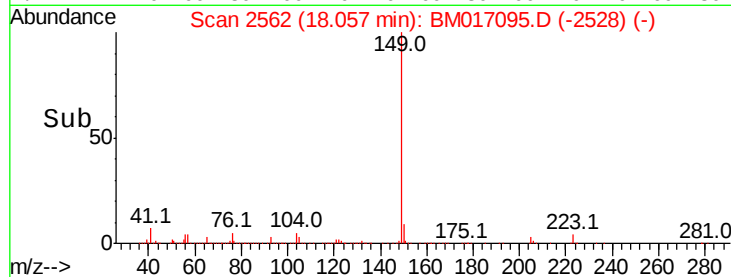
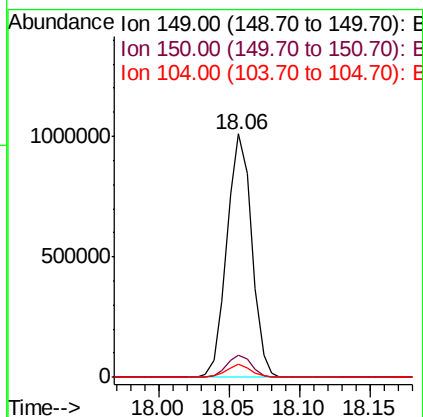
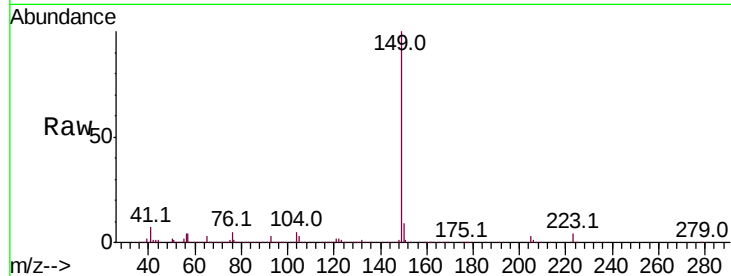




#76
Di-n-butylphthalate
Concen: 19.304 ng/ul
RT: 18.06 min Scan# 2562
Delta R.T. 0.00 min
Lab File: BM017095.D
Acq: 10 Oct 2018 13:03

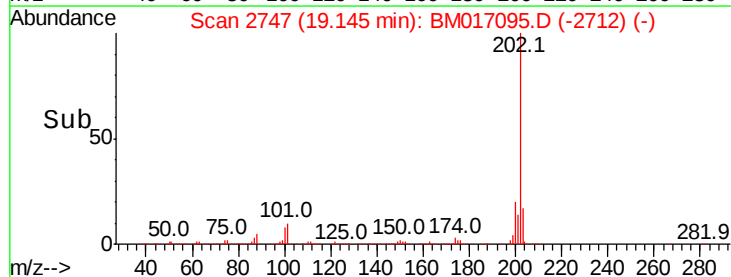
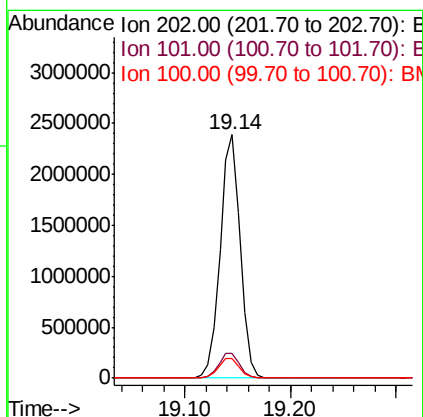
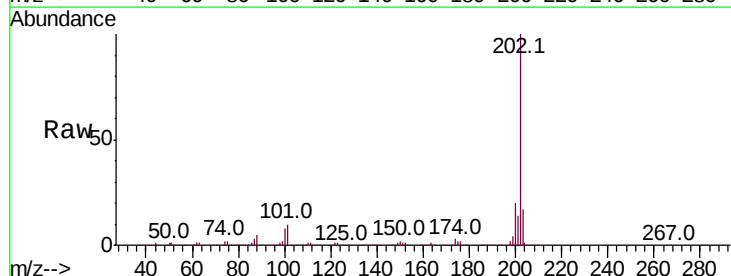
Instrument :
BNA_M
ClientSampleId :
A3Z41

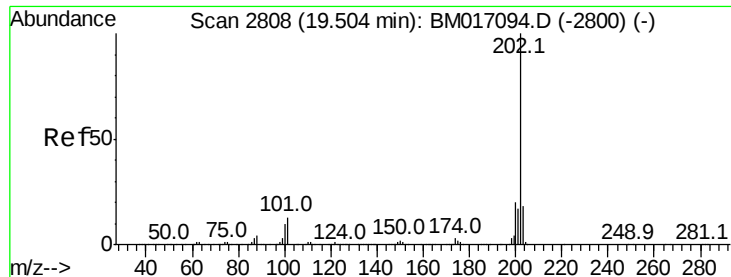
Tot Ion:149 Resp: 1236571
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 3.8 5.8



#77
Fluoranthene
Concen: 41.733 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BM017095.D
Acq: 10 Oct 2018 13:03

Tgt Ion:202 Resp: 3149735
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 8.2 6.6 9.8

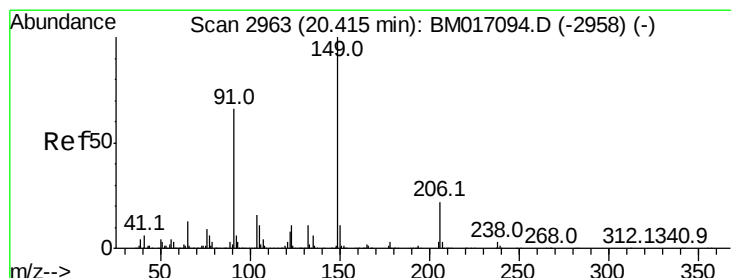
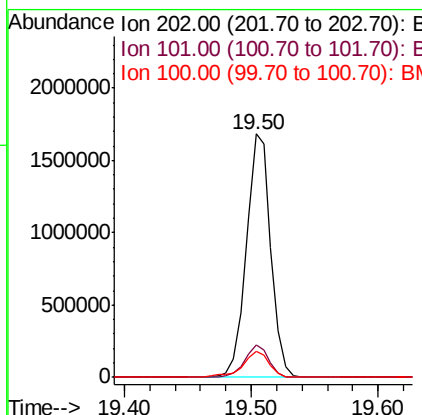
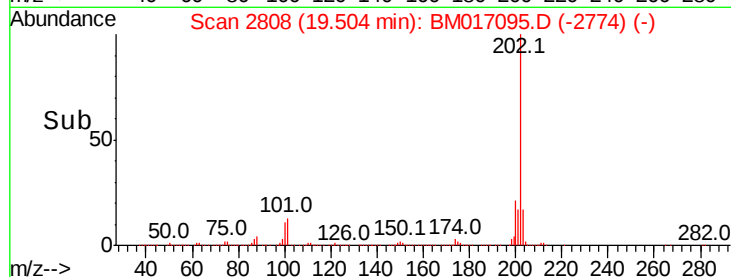
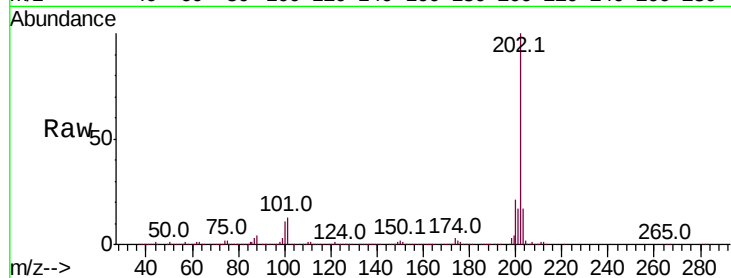




#80
Pvrene
Concen: 35.450 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BM017095.D
Acq: 10 Oct 2018 13:03

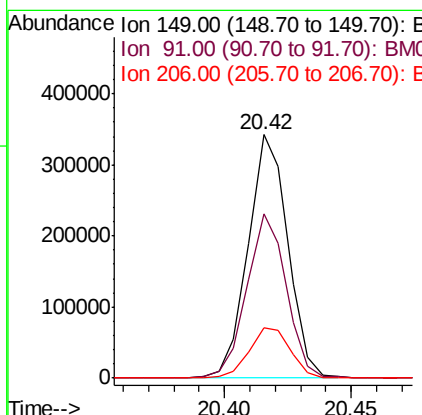
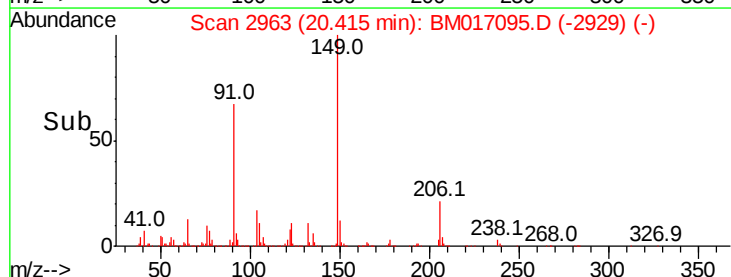
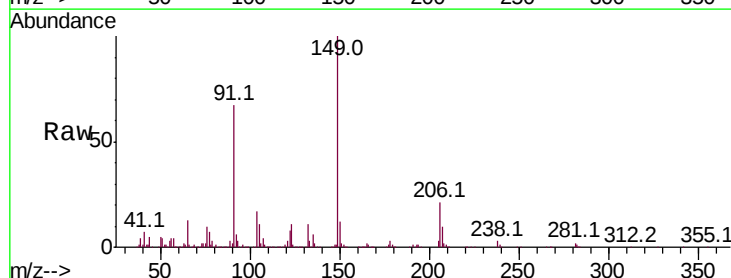
Instrument :
BNA_M
ClientSampleId :
A3Z41

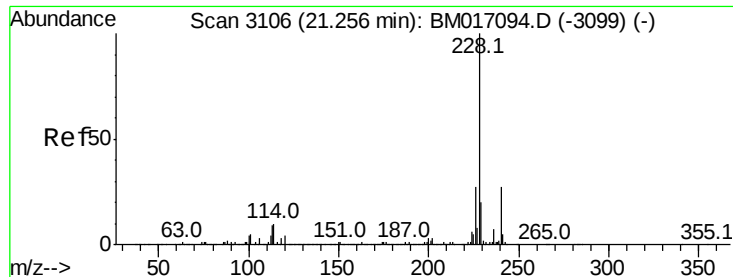
Tot Ion:202 Resp: 2235850
Ion Ratio Lower Upper
202 100
101 13.2 10.8 16.2
100 10.9 8.9 13.3



#81
Butylbenzylphthalate
Concen: 17.113 ng/ul
RT: 20.42 min Scan# 2963
Delta R.T. 0.00 min
Lab File: BM017095.D
Acq: 10 Oct 2018 13:03

Tgt Ion:149 Resp: 372413
Ion Ratio Lower Upper
149 100
91 67.4 56.1 84.1
206 20.7 17.2 25.8

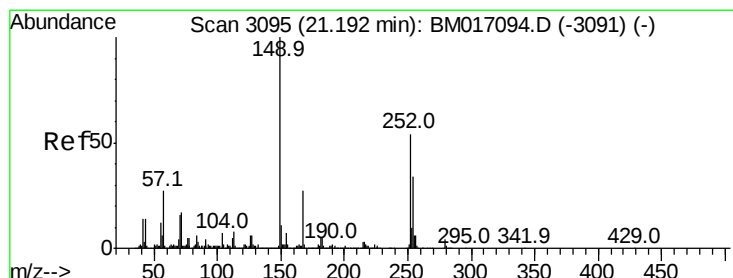
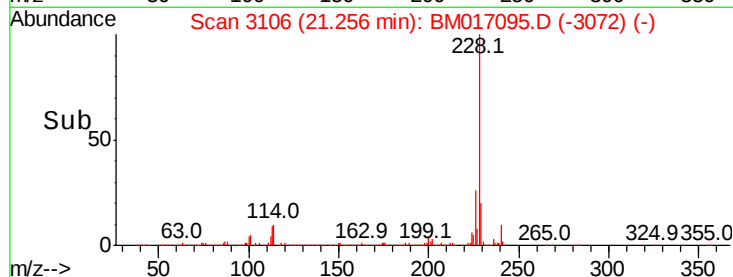
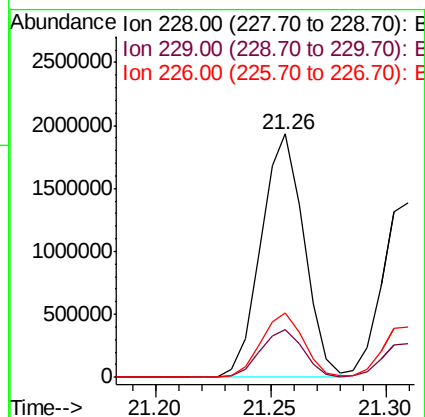
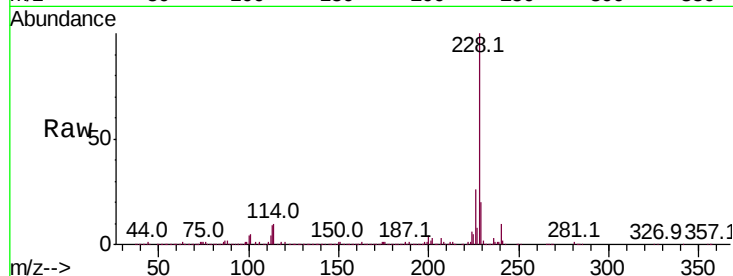




#83
Benzo(a)anthracene
Concen: 38.299 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017095.D
Acq: 10 Oct 2018 13:03

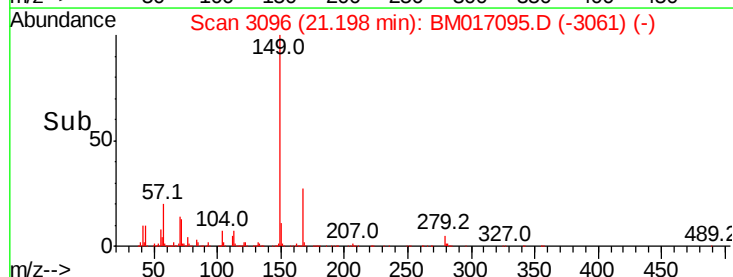
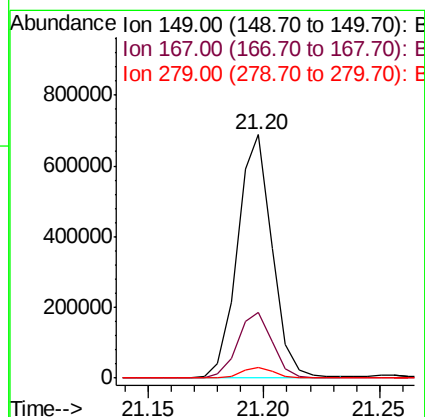
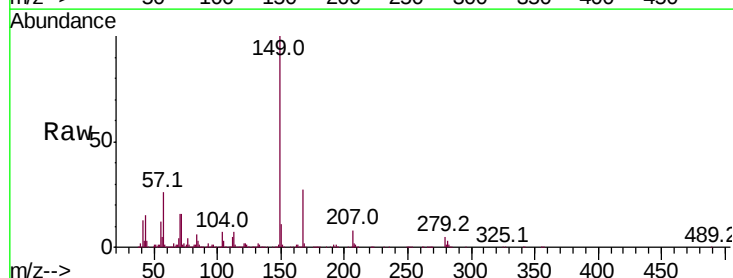
Instrument :
BNA_M
ClientSampleId :
A3Z41

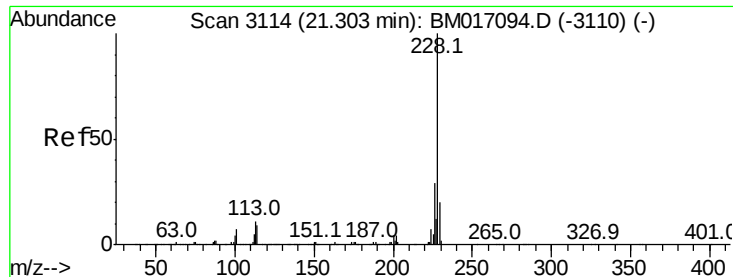
Tot Ion:228 Resp: 2500959
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 26.5 20.9 31.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 21.173 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM017095.D
Acq: 10 Oct 2018 13:03

Tgt Ion:149 Resp: 714124
Ion Ratio Lower Upper
149 100
167 27.2 22.5 33.7
279 4.6 3.7 5.5





#85

Chrysene

Concen: 27.483 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

BNA_M

ClientSampleId :

A3Z41

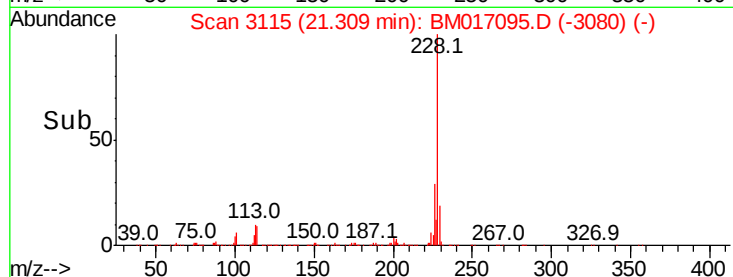
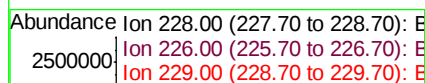
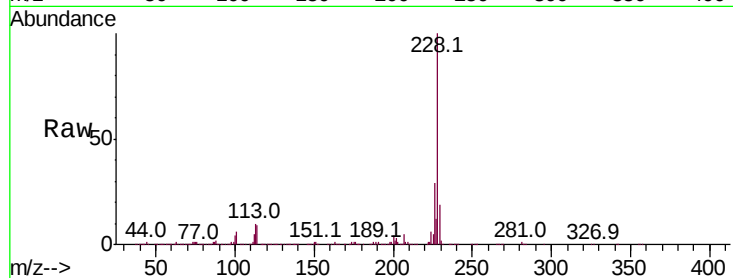
Tot Ion:228 Resp: 1735713

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	19.1	15.6	23.4

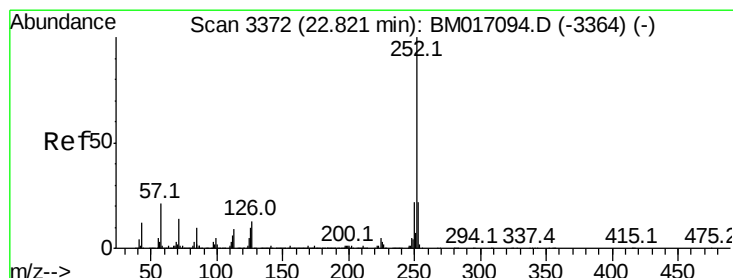
228 100

226 29.1 23.4 35.2

229 19.1 15.6 23.4



Time-->



#88

Benzo(b)fluoranthene

Concen: 29.064 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. 0.01 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

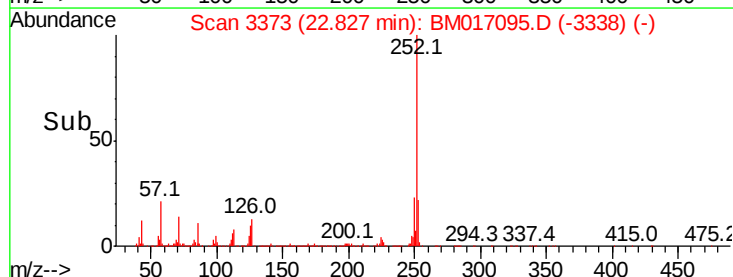
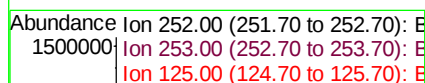
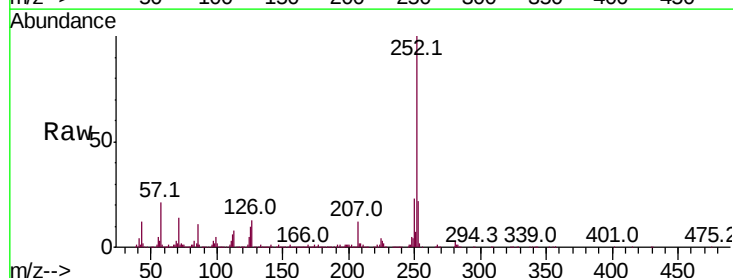
Tgt Ion:252 Resp: 1753373

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.3	8.2	12.4

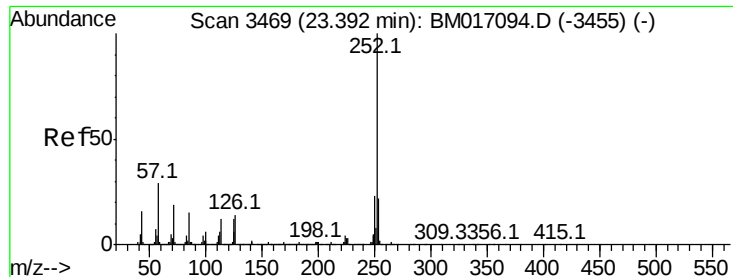
252 100

253 22.0 17.3 25.9

125 10.3 8.2 12.4



Time-->



#91

Benzo(a)pyrene

Concen: 26.935 ng/ul

RT: 23.40 min Scan# 3470

Delta R.T. 0.01 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

BNA_M

ClientSampleID :

A3Z41

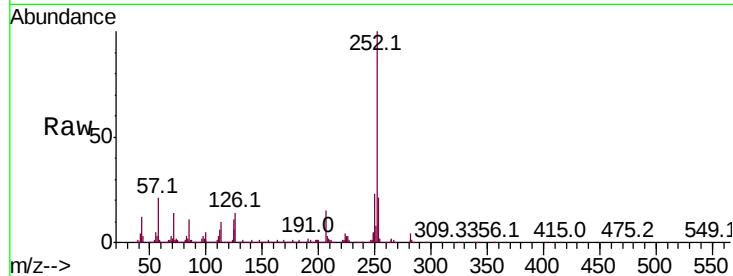
Tot Ion:252 Resp: 1565981

Ion Ratio Lower Upper

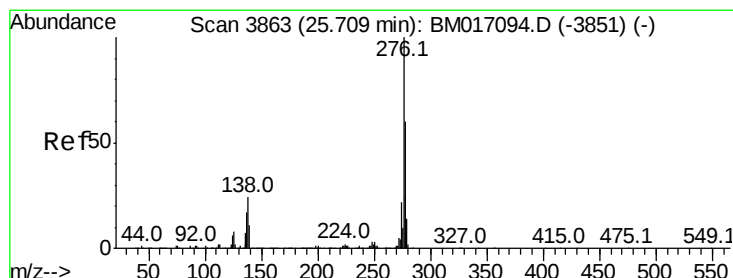
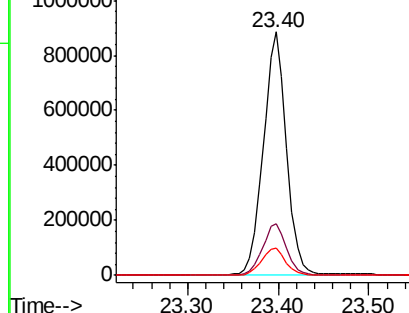
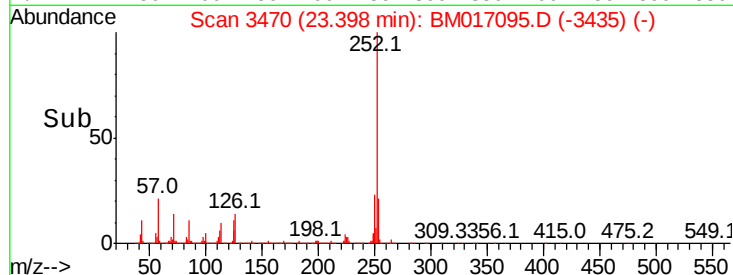
252 100

253 21.4 17.0 25.4

125 11.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
1200000
Ion 253.00 (252.70 to 253.70): E
1000000
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 29.327 ng/ul

RT: 25.72 min Scan# 3864

Delta R.T. 0.01 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

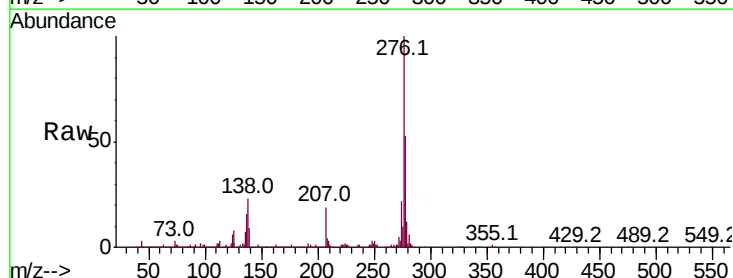
Tgt Ion:276 Resp: 2012984

Ion Ratio Lower Upper

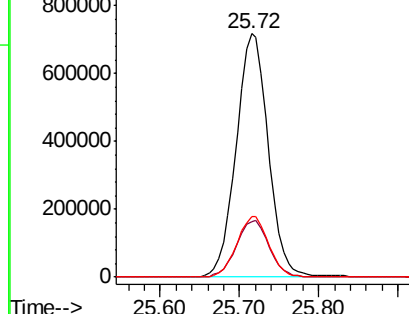
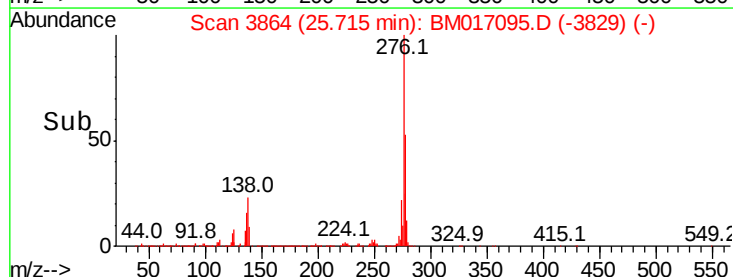
276 100

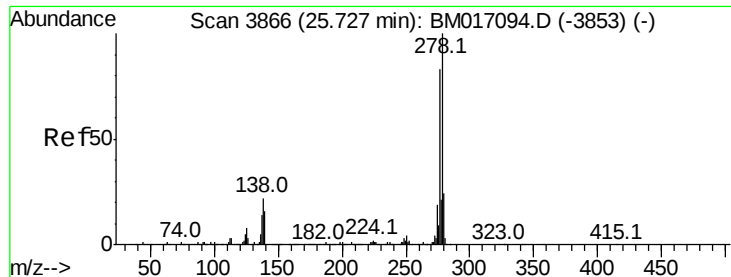
138 22.9 20.3 30.5

277 24.8 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
1000000
Ion 138.00 (137.70 to 138.70): E
800000
Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 22.891 ng/ul

RT: 25.73 min Scan# 3866

Delta R.T. 0.00 min

Lab File: BM017095.D

Acq: 10 Oct 2018 13:03

Instrument :

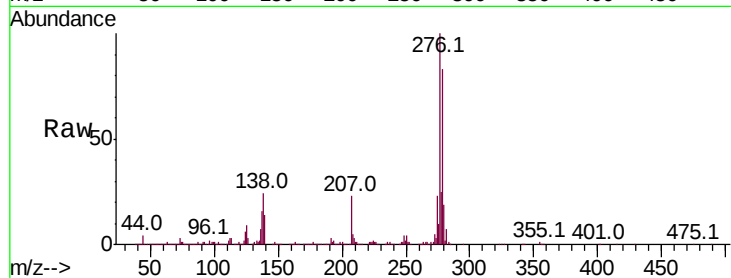
BNA_M

ClientSampleId :

A3Z41

Tot Ion:278 Resp: 1307992

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.2	19.8
279	23.4	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

