

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
 Data File : BM017121.D
 Acq On : 11 Oct 2018 12:03
 Operator : MJ/SJ
 Sample : J5368-07MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 01:48:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 01:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	256896	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1214811	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	684194	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1531651	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1220721	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1115153	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16536	3.20	ng/uL	0.00
5) Phenol-d5	6.87	99	550306	25.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	333357	25.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	487397	27.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	493460	29.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	257762	29.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	277728	30.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	522699	28.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	620970	27.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1631094	30.05	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2117125	30.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	58177	5.67	ng/ul	0.00
58) Fluorene-d10	15.33	176	1486114	30.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	35628	3.94	ng/ul	0.00
71) Anthracene-d10	17.18	188	2241916	30.65	ng/ul	0.00
79) Pyrene-d10	19.48	212	2236895	40.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1800855	31.54	ng/ul	0.00

Target Compounds

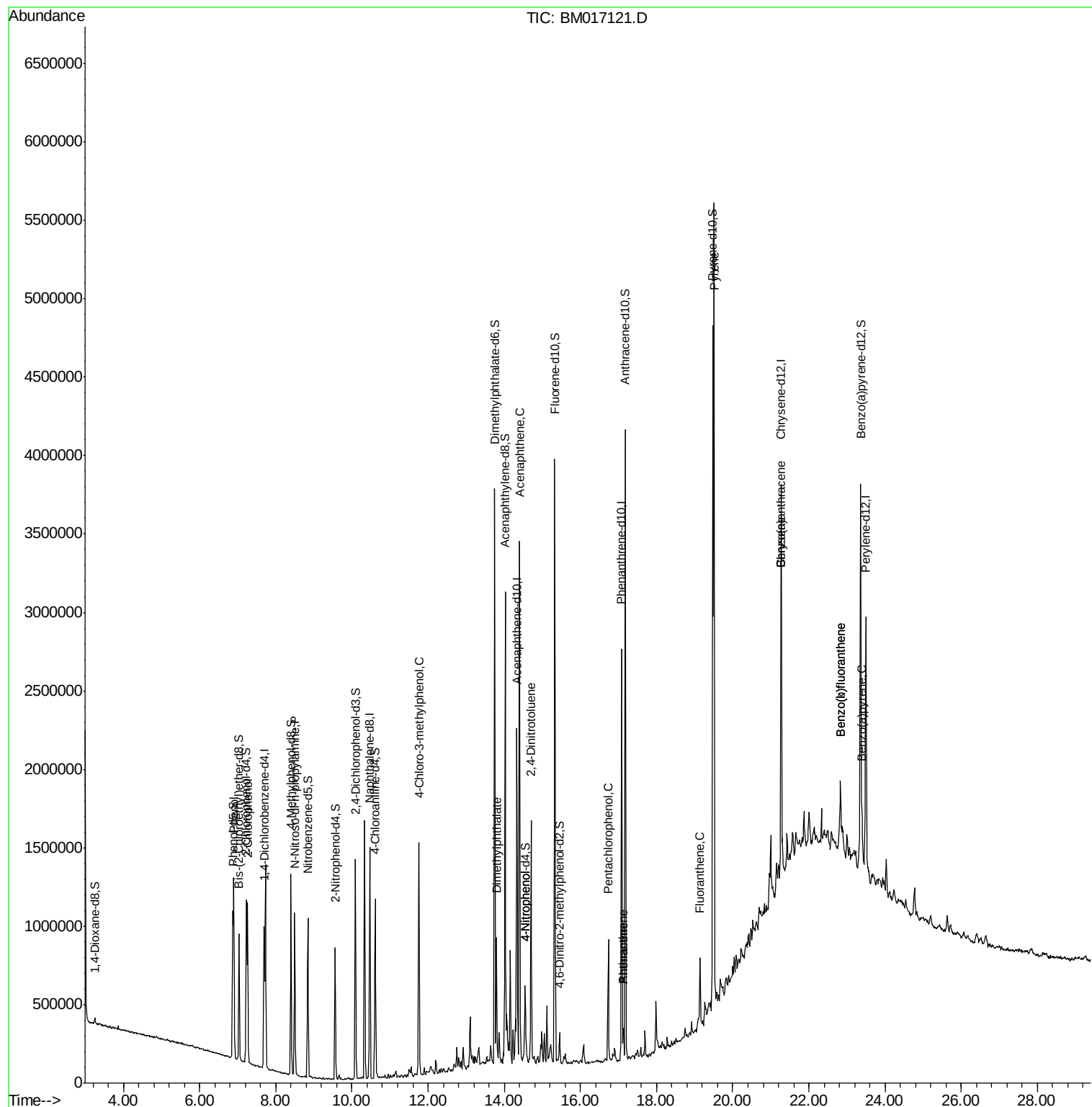
					Ovalue
6) Phenol	6.90	94	632964	29.462	ng/ul 99
10) 2-Chlorophenol	7.26	128	458983	25.818	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.50	70	355130	28.532	ng/ul 95
33) 4-Chloro-3-methylphenol	11.76	107	527055	28.412	ng/ul 100
45) Dimethylphthalate	13.79	163	516801	9.614	ng/ul 100
50) Acenaphthene	14.40	153	1362473	28.852	ng/ul 99
53) 4-Nitrophenol	14.56	109	48879	6.563	ng/ul 79
55) 2,4-Dinitrotoluene	14.70	165	408968	27.930	ng/ul 98
69) Pentachlorophenol	16.73	266	143145	12.220	ng/ul 98
70) Phenanthrene	17.12	178	113103	1.317	ng/ul 98
72) Anthracene	17.12	178	113747	1.304	ng/ul 98
77) Fluoranthene	19.14	202	233059	2.343	ng/ul 98
80) Pyrene	19.51	202	2948544	41.688	ng/ul 98
83) Benzo(a)anthracene	21.26	228	107982	1.475	ng/ul 97
85) Chrysene	21.26	228	109826	1.551	ng/ul 96
88) Benzo(b)fluoranthene	22.83	252	142905	2.152	ng/ul# 77
89) Benzo(k)fluoranthene	22.83	252	142905	2.240	ng/ul# 78
91) Benzo(a)pyrene	23.40	252	97794	1.528	ng/ul# 77

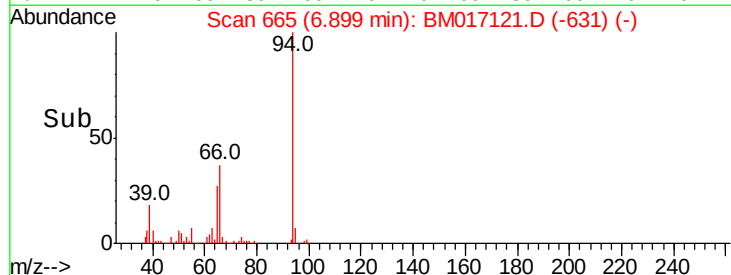
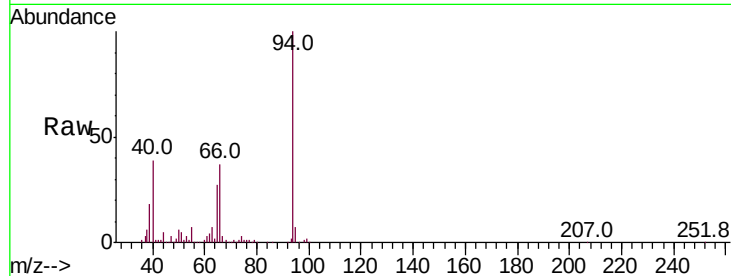
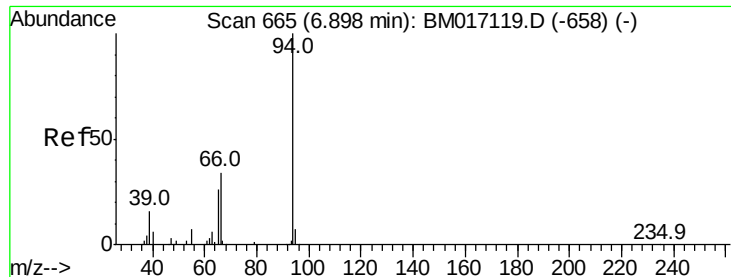
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017121.D
Acq On : 11 Oct 2018 12:03
Operator : MJ/SJ
Sample : J5368-07MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 12 01:48:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 12 01:39:13 2018
Response via : Initial Calibration





#6

Phenol

Concen: 29.462 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Instrument :

BNA_M

ClientSampled :

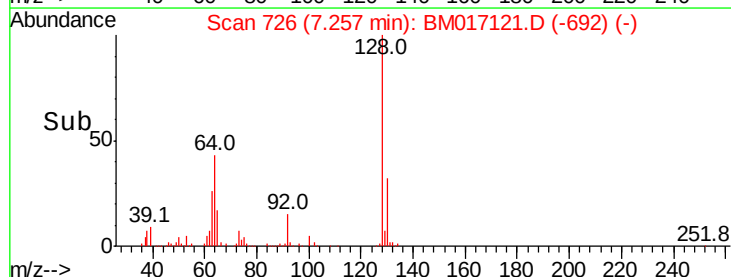
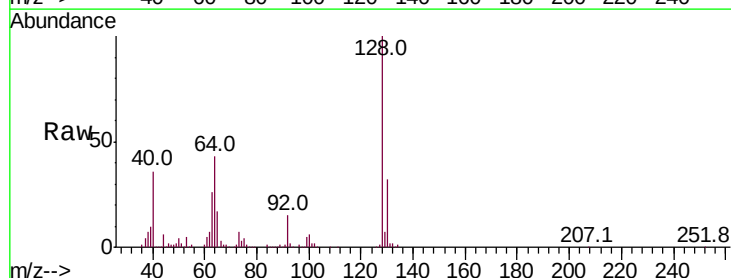
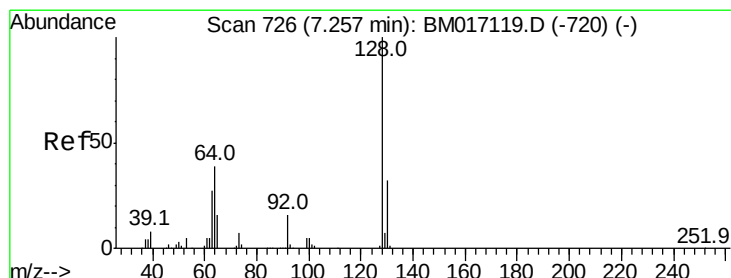
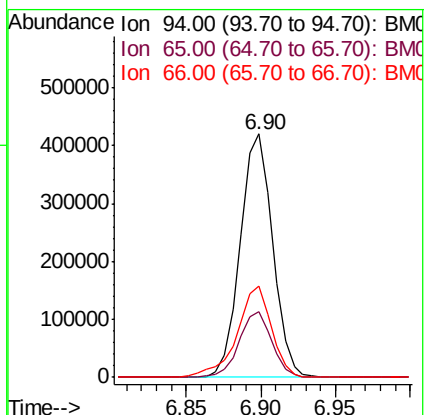
Tot Ion: 94 Resp: 632964

Ion Ratio Lower Upper

94 100

65 27.2 22.8 34.2

66 37.3 29.5 44.3



#10

2-Chlorophenol

Concen: 25.818 ng/ul

RT: 7.26 min Scan# 726

Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

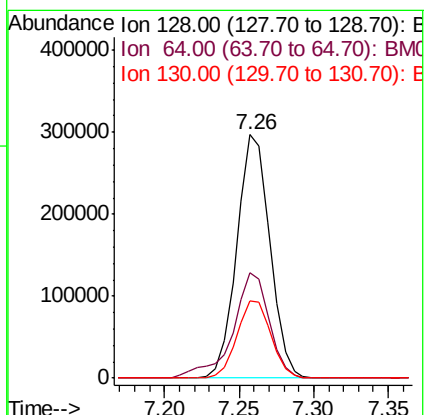
Tgt Ion: 128 Resp: 458983

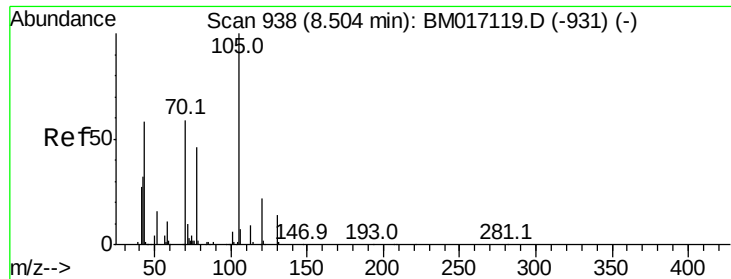
Ion Ratio Lower Upper

128 100

64 43.3 37.2 55.8

130 31.6 26.1 39.1





#15

N-Nitroso-di-n-propylamine

Concen: 28.532 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 355130

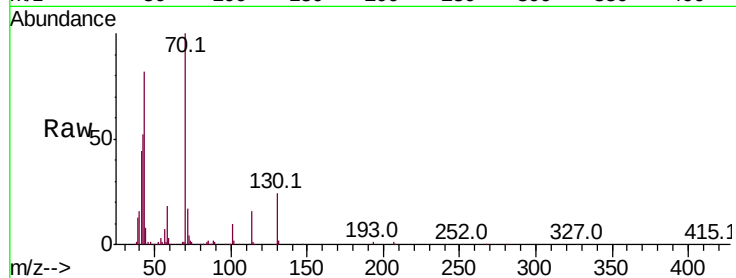
Ion	Ratio	Lower	Upper
70	100		
42	52.0	45.1	67.7
101	10.1	7.5	11.3
130	23.8	17.3	25.9

70 100

42 52.0 45.1 67.7

101 10.1 7.5 11.3

130 23.8 17.3 25.9

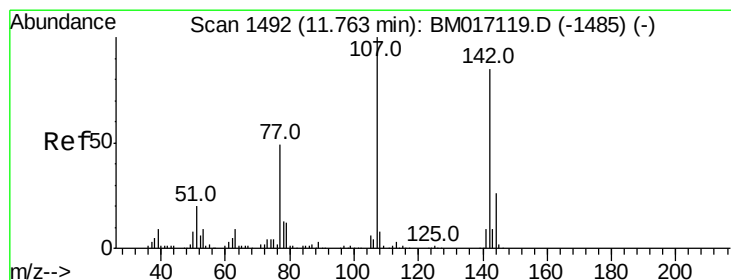
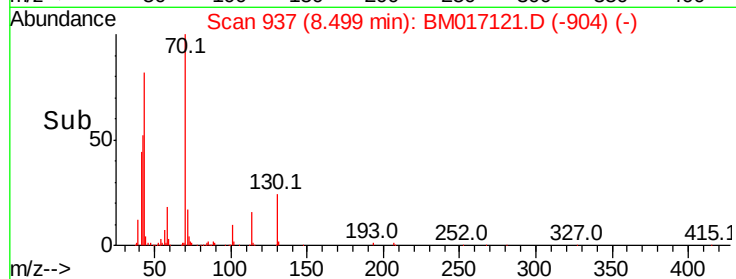
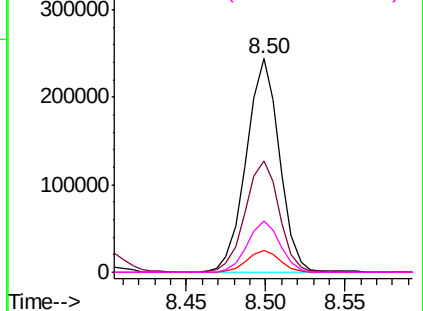


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 28.412 ng/ul

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

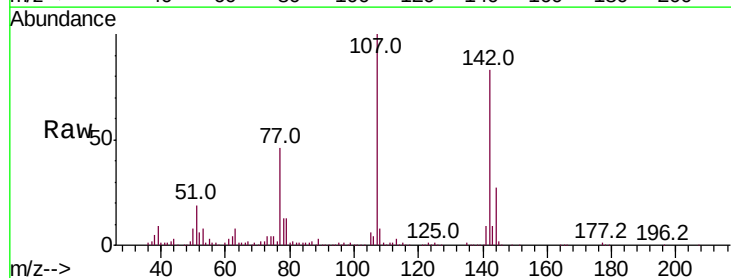
Tgt Ion:107 Resp: 527055

Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.2	33.4
142	83.5	67.0	100.6

107 100

144 27.4 22.2 33.4

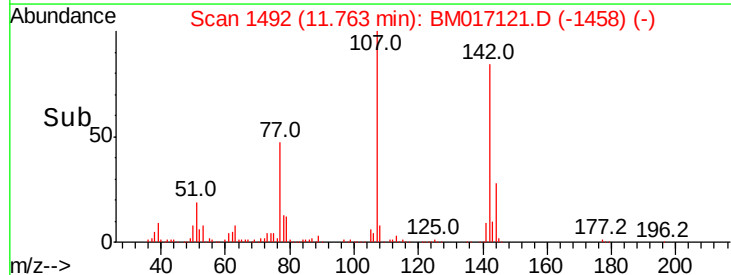
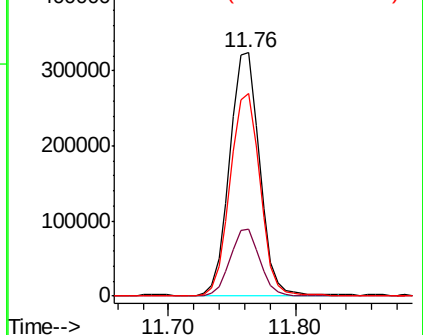
142 83.5 67.0 100.6

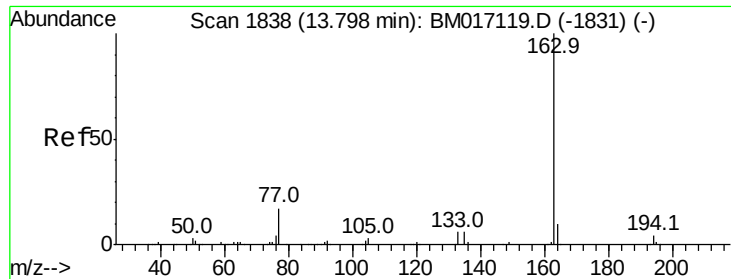


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 9.614 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Instrument :

BNA_M

ClientSampled :

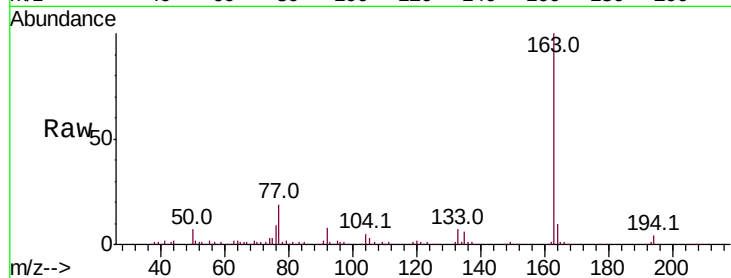
Tot Ion:163 Resp: 516801

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

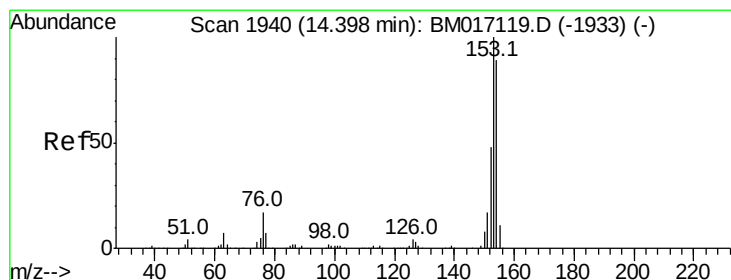
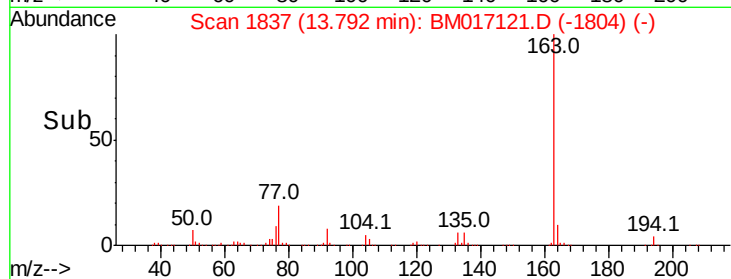
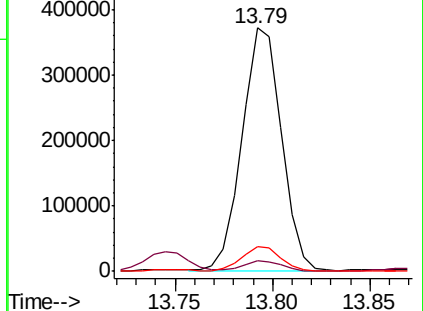
164 10.1 8.0 12.0



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



#50

Acenaphthene

Concen: 28.852 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

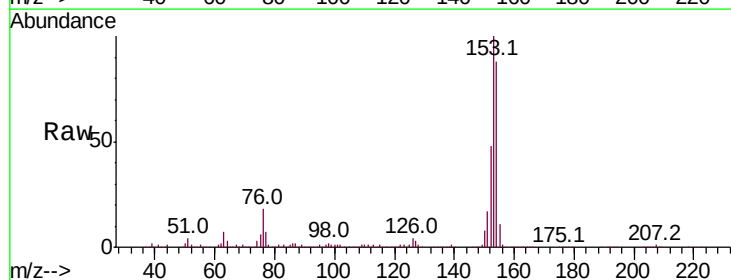
Tgt Ion:153 Resp: 1362473

Ion Ratio Lower Upper

153 100

152 48.4 38.3 57.5

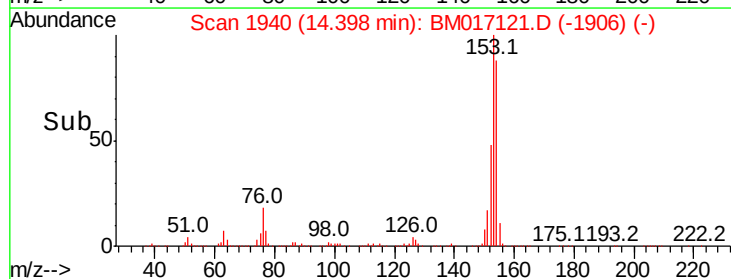
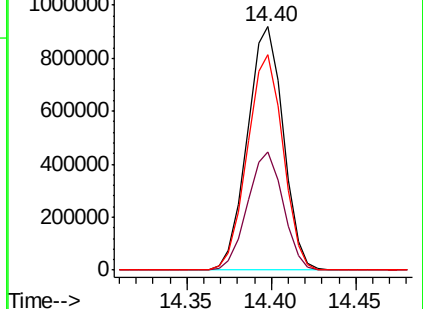
154 88.2 71.0 106.6

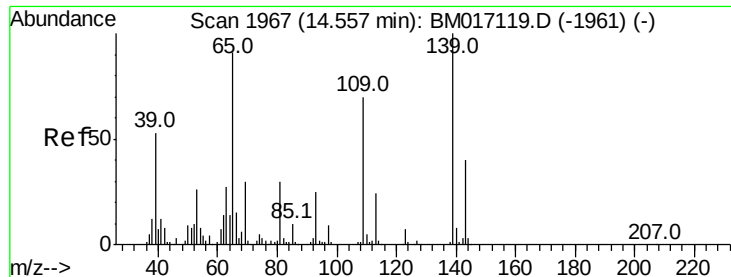


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 6.563 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Instrument :

BNA_M

ClientSampleId :

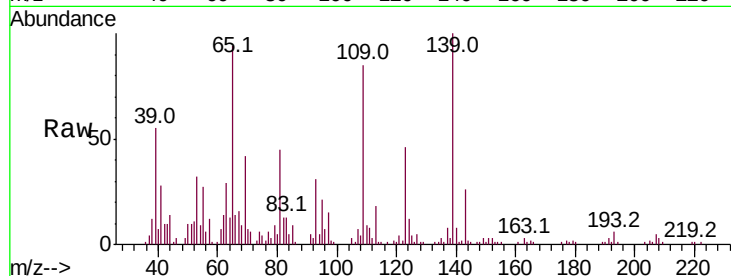
Tot Ion:109 Resp: 48879

Ion Ratio Lower Upper

109 100

139 117.9 114.1 171.1

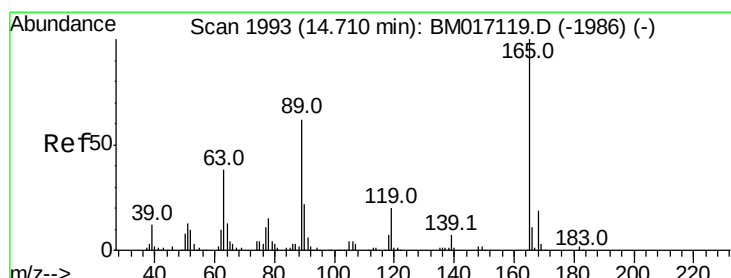
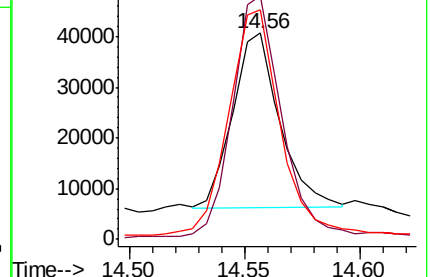
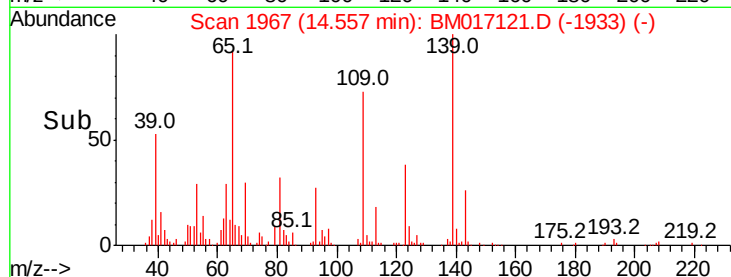
65 111.1 109.8 164.6



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



#55

2,4-Dinitrotoluene

Concen: 27.930 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

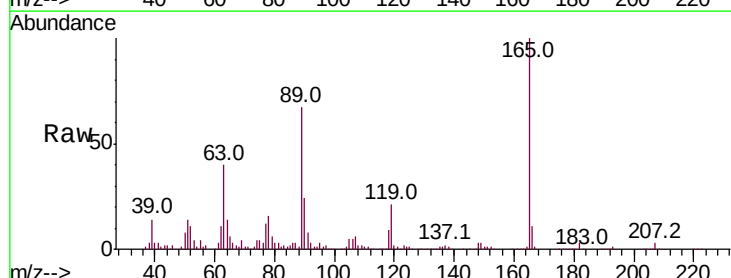
Tgt Ion:165 Resp: 408968

Ion Ratio Lower Upper

165 100

63 39.6 32.6 48.8

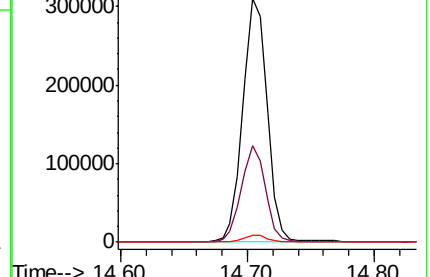
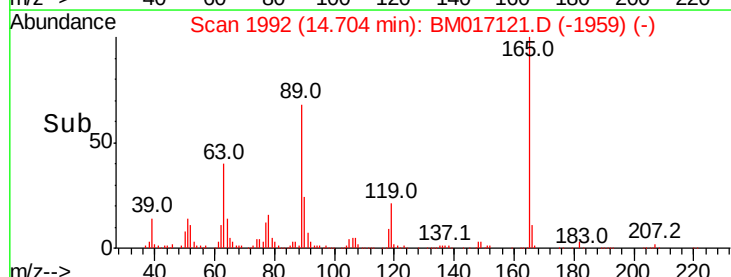
182 3.0 2.3 3.5

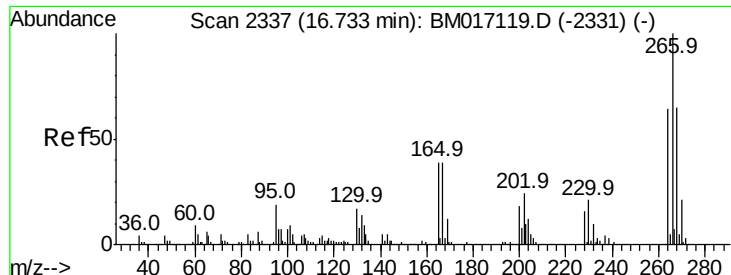


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 12.220 ng/ul

RT: 16.73 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Instrument :

BNA_M

ClientSampleId :

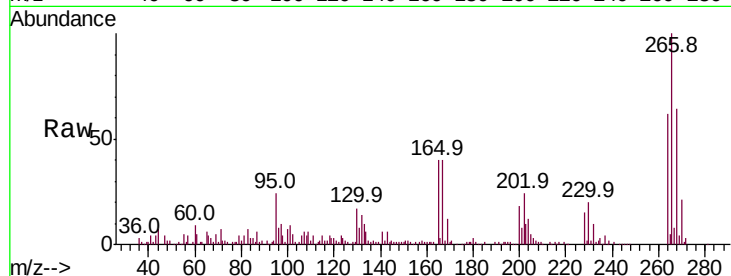
Tot Ion:266 Resp: 143145

Ion Ratio Lower Upper

266 100

264 62.0 50.4 75.6

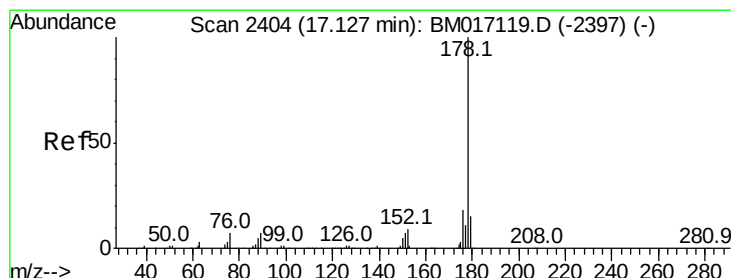
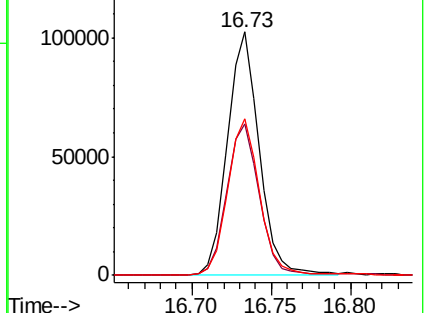
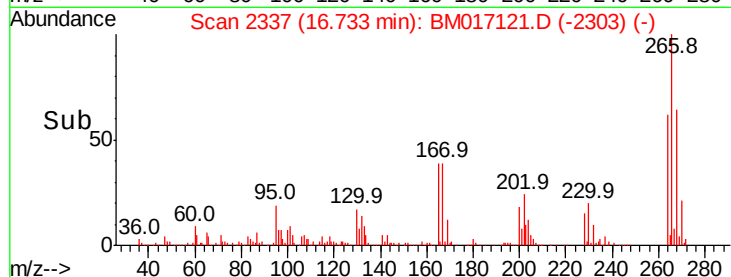
268 64.4 53.6 80.4



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: 1.317 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

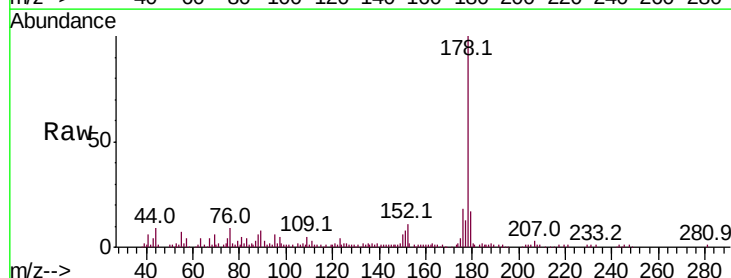
Tgt Ion:178 Resp: 113103

Ion Ratio Lower Upper

178 100

179 16.7 12.2 18.2

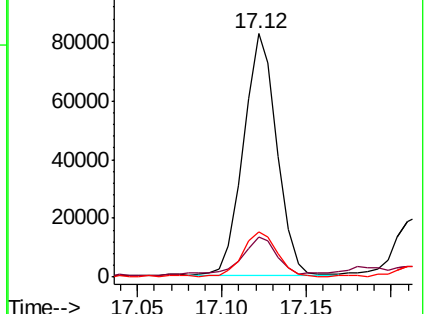
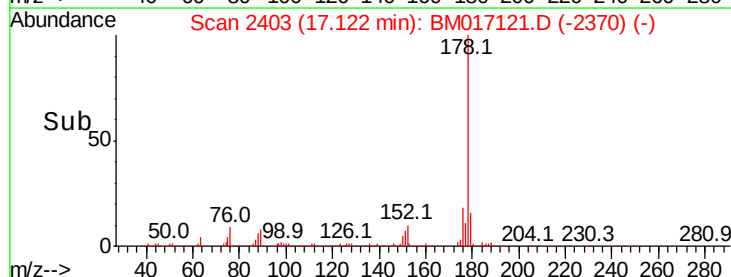
176 18.4 15.0 22.4

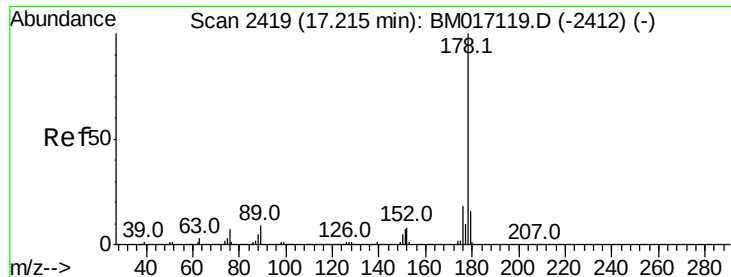


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.304 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.09 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Instrument :

BNA_M

ClientSampled :

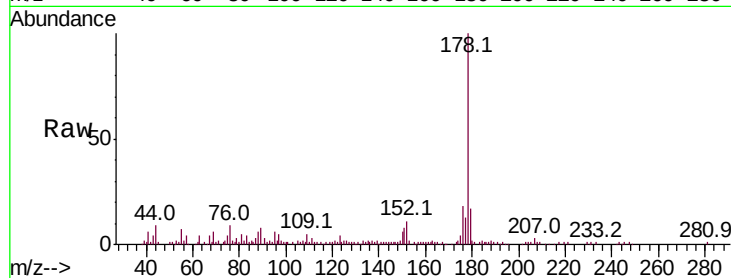
Tot Ion:178 Resp: 113747

Ion Ratio Lower Upper

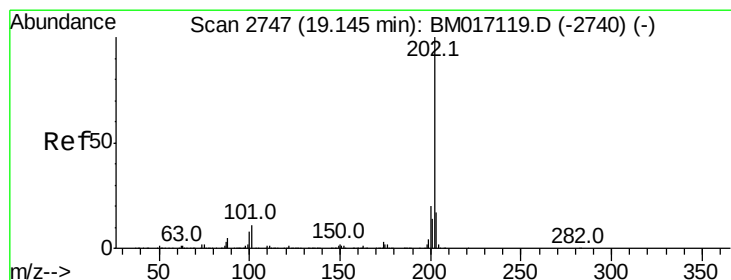
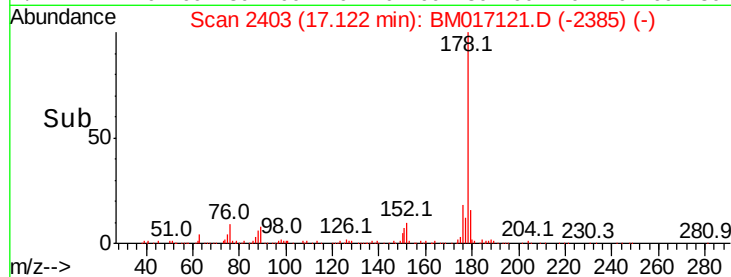
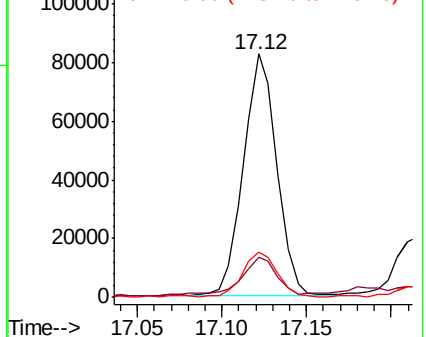
178 100

179 16.7 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



#77

Fluoranthene

Concen: 2.343 ng/ul

RT: 19.14 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

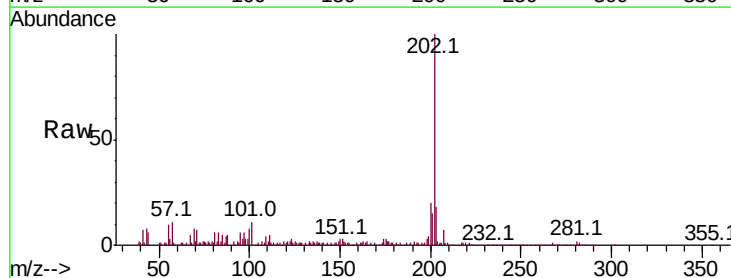
Tgt Ion:202 Resp: 233059

Ion Ratio Lower Upper

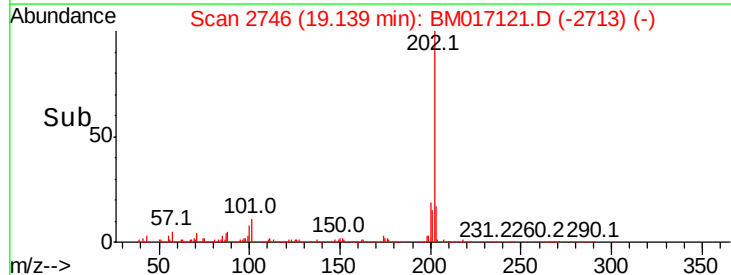
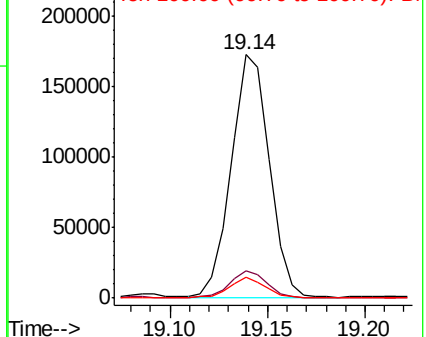
202 100

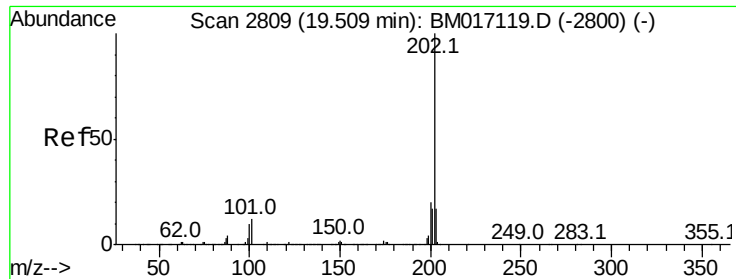
101 11.2 8.3 12.5

100 8.4 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

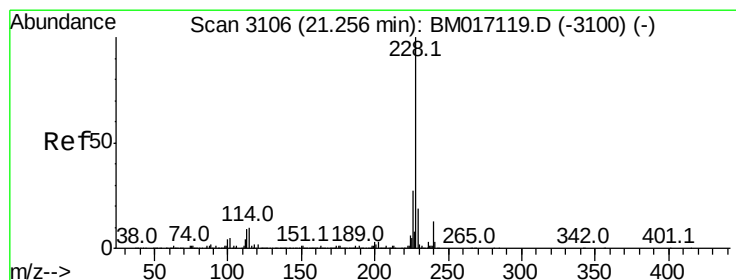
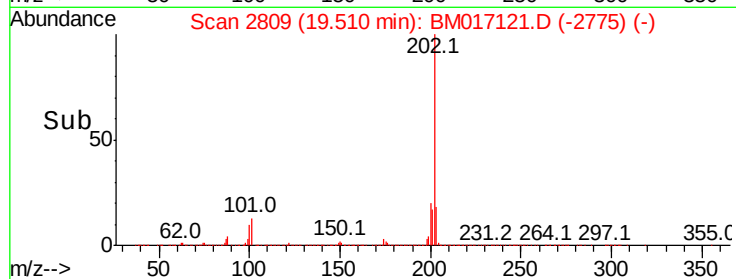
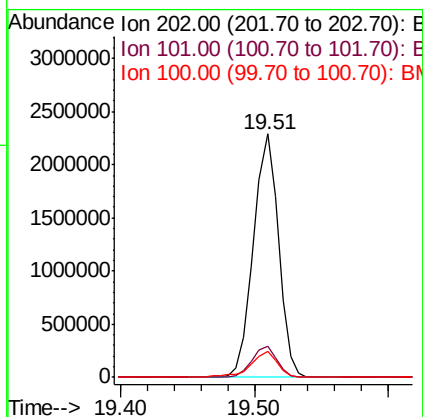
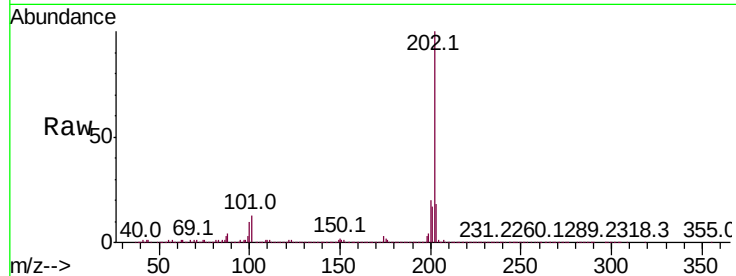




#80
Pvrene
Concen: 41.688 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BM017121.D
Acq: 11 Oct 2018 12:03

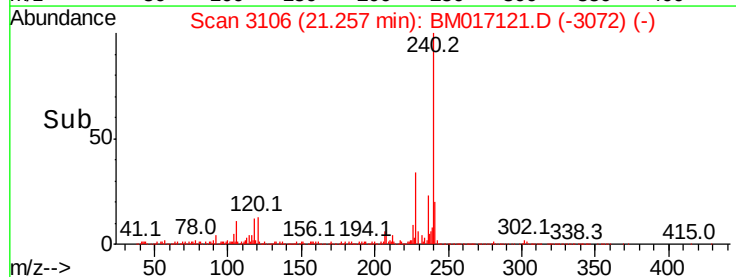
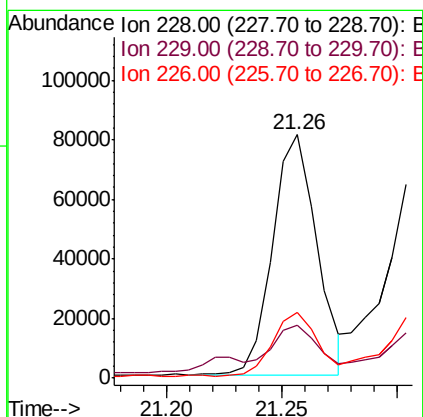
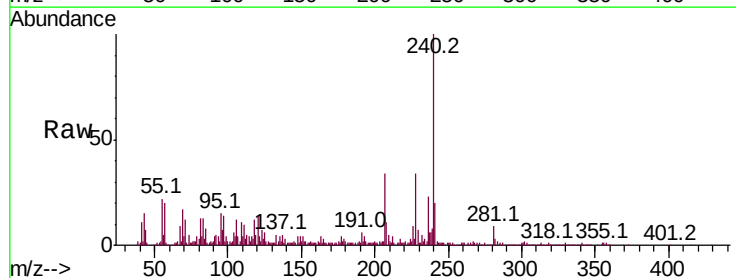
Instrument :
BNA_M
ClientSampleId :

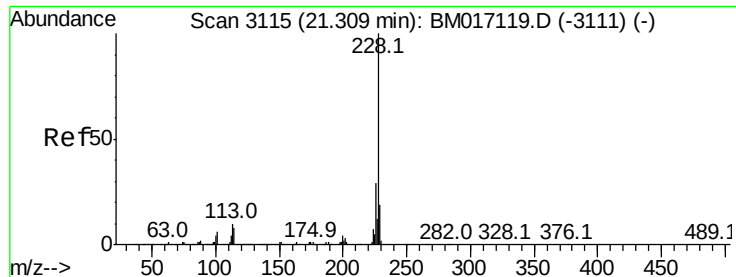
Tot Ion:202 Resp: 2948544
Ion Ratio Lower Upper
202 100
101 12.7 10.8 16.2
100 10.5 8.9 13.3



#83
Benzo(a)anthracene
Concen: 1.475 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017121.D
Acq: 11 Oct 2018 12:03

Tgt Ion:228 Resp: 107982
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 27.1 20.9 31.3





#85

Chrysene

Concen: 1.551 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.05 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

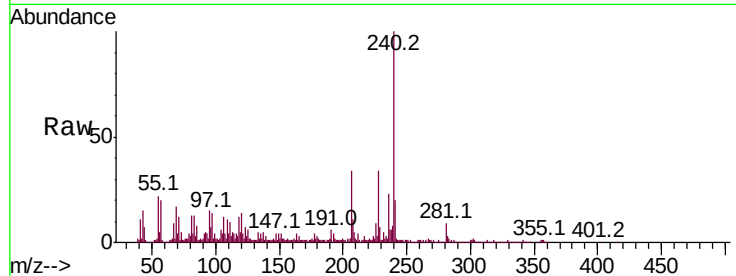
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 109826

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.4	35.2
229	21.6	15.6	23.4

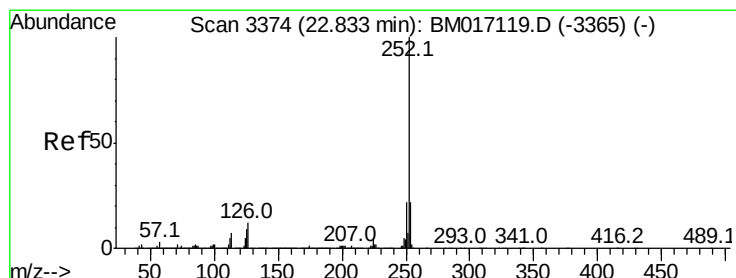
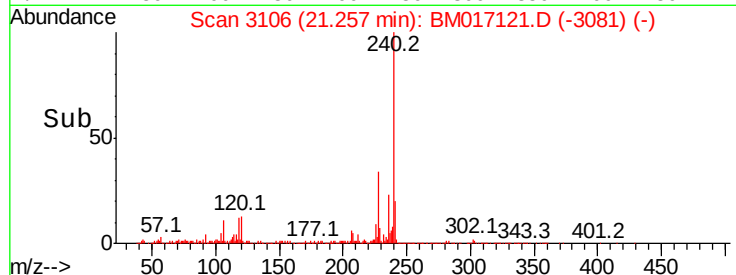
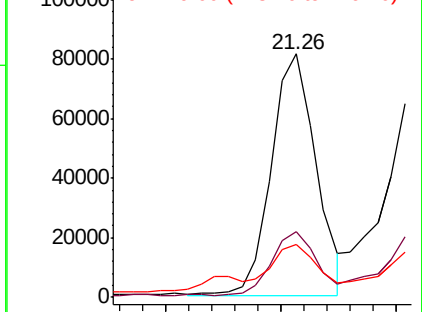


Abundance

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: 2.152 ng/ul

RT: 22.83 min Scan# 3374

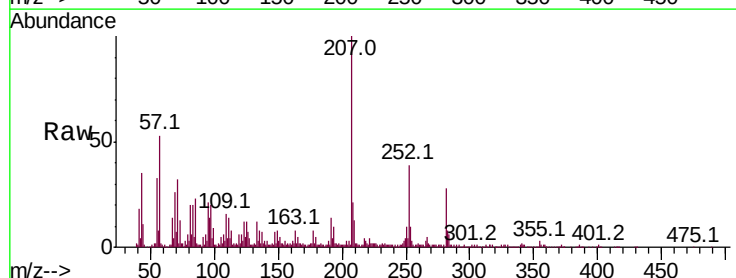
Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Tgt Ion:252 Resp: 142905

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	30.9	8.2	12.4

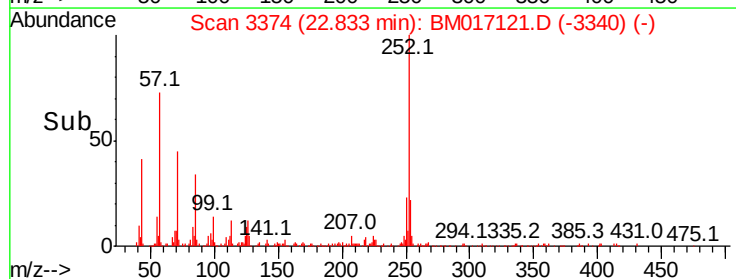
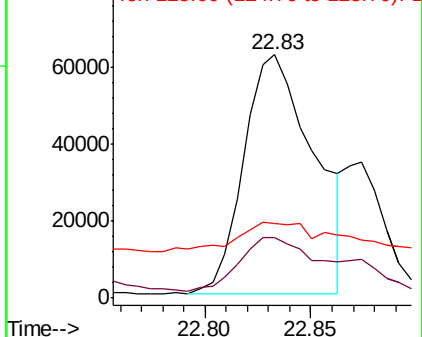


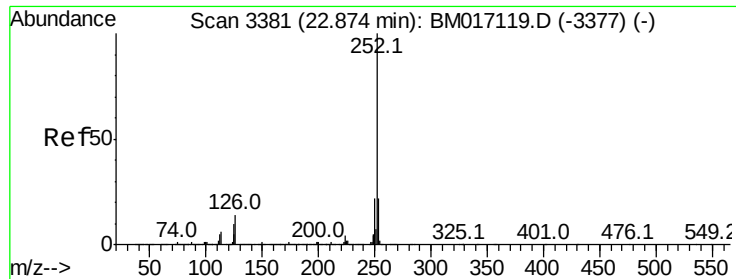
Abundance

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: 2.240 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. -0.04 min

Lab File: BM017121.D

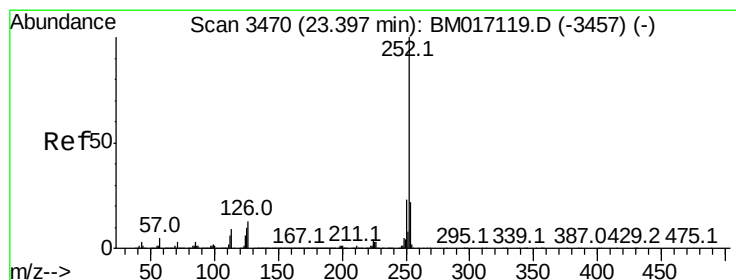
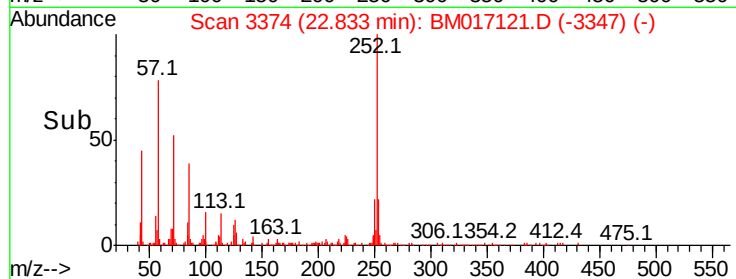
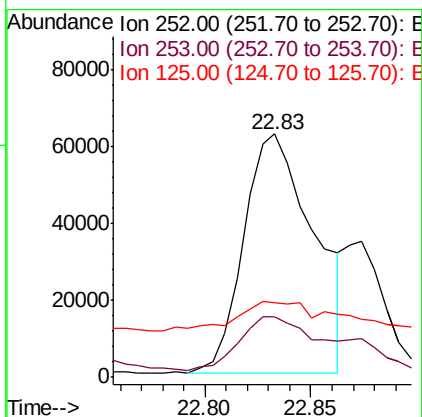
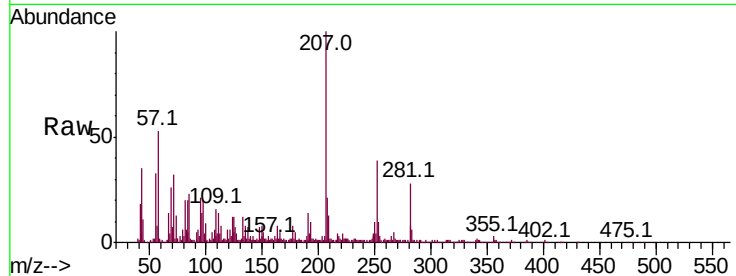
Acq: 11 Oct 2018 12:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	142905
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	30.9	8.2	12.4#



#91

Benzo(a)pyrene

Concen: 1.528 ng/ul

RT: 23.40 min Scan# 3470

Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Tgt Ion:	252	Resp:	97794
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	32.1	9.0	13.6#

