

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
 Data File : BM017122.D
 Acq On : 11 Oct 2018 12:40
 Operator : MJ/SJ
 Sample : J5368-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3Z47MSD

Quant Time: Oct 12 02:26:11 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	237573	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1124427	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	659265	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1558863	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1495939	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1237714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16620	3.48	ng/uL	0.00
5) Phenol-d5	6.87	99	510839	25.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	307174	25.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	452214	27.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	459730	29.54	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	238789	29.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	261752	31.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	487998	28.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	562938	27.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1586397	30.33	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2033200	30.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	56784	5.75	ng/ul	0.00
58) Fluorene-d10	15.33	176	1446230	31.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	44260	4.81	ng/ul	0.00
71) Anthracene-d10	17.18	188	2277509	30.59	ng/ul	0.00
79) Pyrene-d10	19.48	212	2518945	37.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	2013249	31.77	ng/ul	0.00

Target Compounds

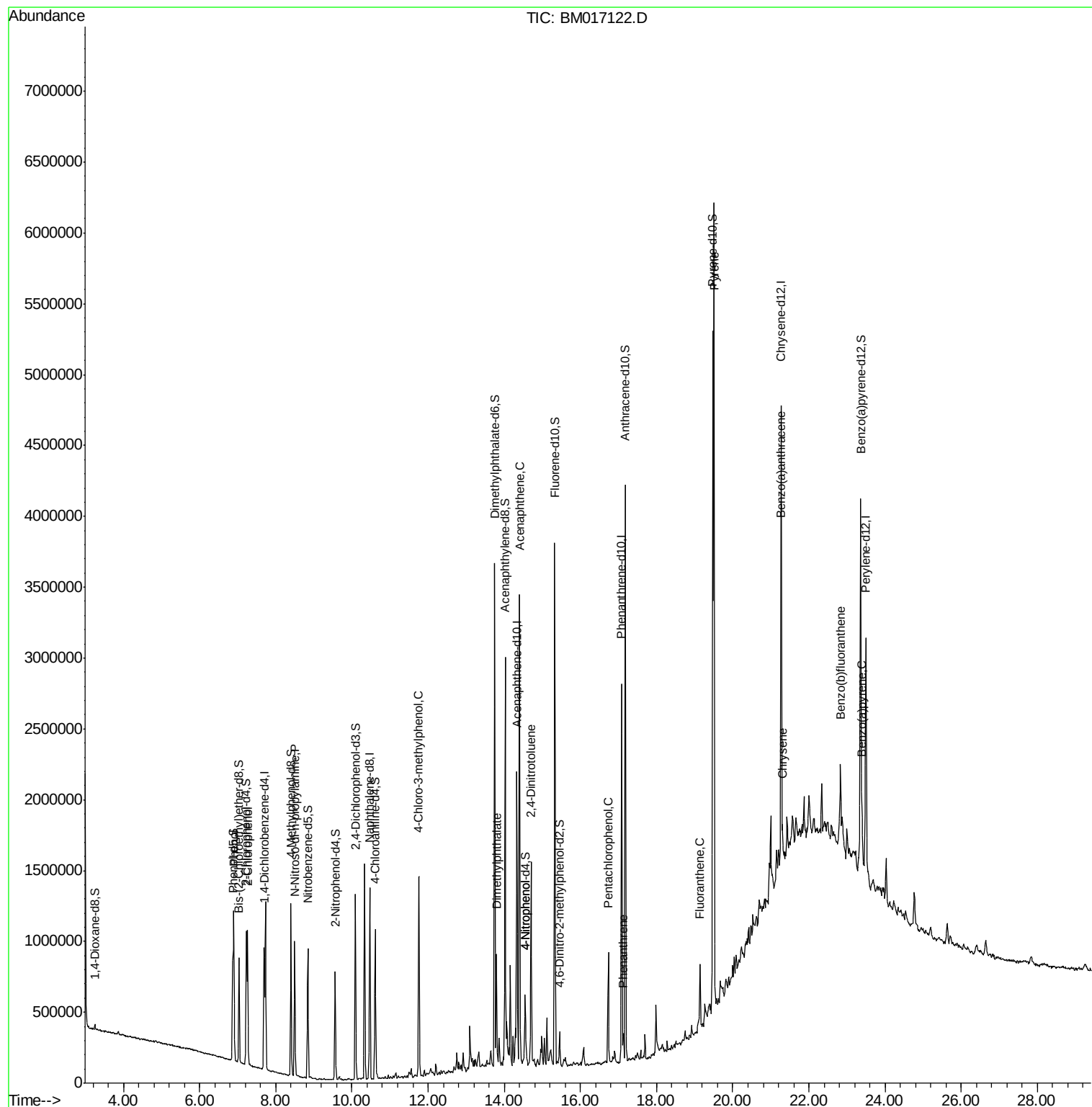
					Ovalue
6) Phenol	6.90	94	581786	29.282	ng/ul 98
10) 2-Chlorophenol	7.26	128	424813	25.840	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.50	70	335742	29.168	ng/ul 96
33) 4-Chloro-3-methylphenol	11.76	107	501560	29.211	ng/ul 96
45) Dimethylphthalate	13.79	163	503811	9.727	ng/ul 100
50) Acenaphthene	14.40	153	1312582	28.846	ng/ul 100
53) 4-Nitrophenol	14.56	109	52724	7.347	ng/ul 86
55) 2,4-Dinitrotoluene	14.70	165	396327	28.090	ng/ul 99
69) Pentachlorophenol	16.73	266	146263	12.269	ng/ul 96
70) Phenanthrene	17.12	178	115120	1.317	ng/ul 98
77) Fluoranthene	19.14	202	255226	2.521	ng/ul 98
80) Pyrene	19.51	202	3323072	38.339	ng/ul 98
83) Benzo(a)anthracene	21.26	228	133356	1.486	ng/ul 96
85) Chrysene	21.31	228	130350	1.502	ng/ul 97
88) Benzo(b)fluoranthene	22.83	252	168037	2.280	ng/ul# 76
91) Benzo(a)pyrene	23.40	252	109296	1.539	ng/ul# 78

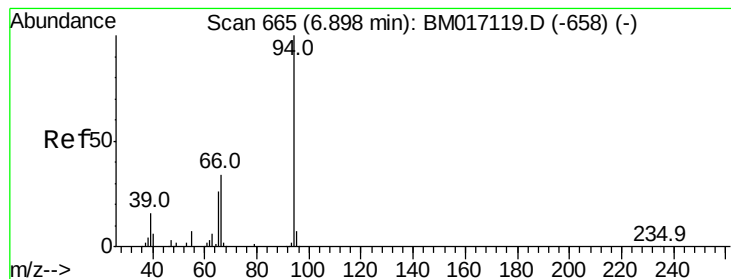
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 12 01:39:13 2018
Response via : Initial Calibration





#6

Phenol

Concen: 29.282 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

Instrument :

BNA_M

ClientSampleId :

A3Z47MSD

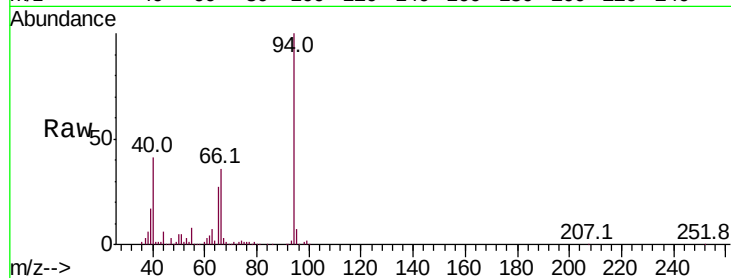
Tot Ion: 94 Resp: 581786

Ion Ratio Lower Upper

94 100

65 27.1 22.8 34.2

66 35.9 29.5 44.3

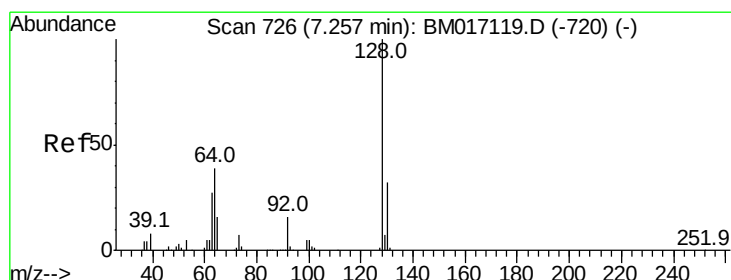
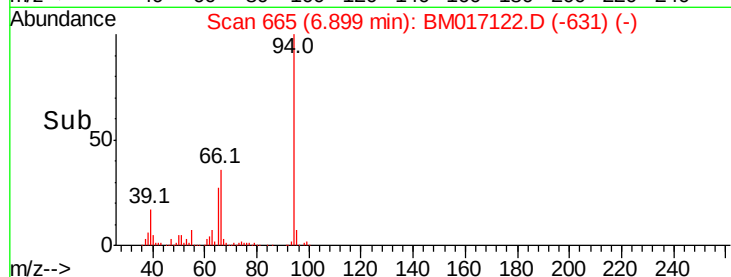
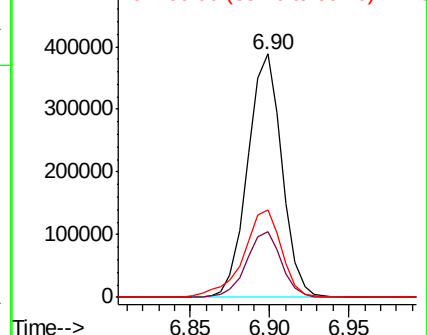


Abundance

Ion 94.00 (93.70 to 94.70): BM017119.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BM017119.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BM017119.D (-658) (-)



#10

2-Chlorophenol

Concen: 25.840 ng/ul

RT: 7.26 min Scan# 726

Delta R.T. 0.00 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

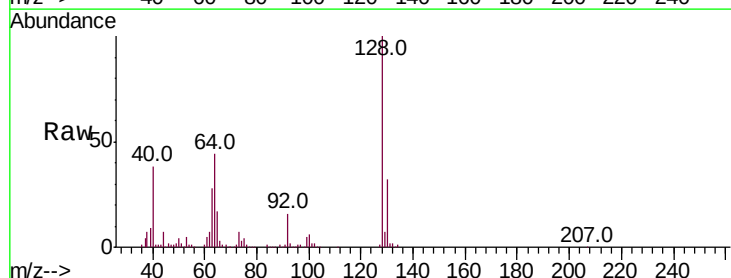
Tgt Ion: 128 Resp: 424813

Ion Ratio Lower Upper

128 100

64 43.7 37.2 55.8

130 32.0 26.1 39.1

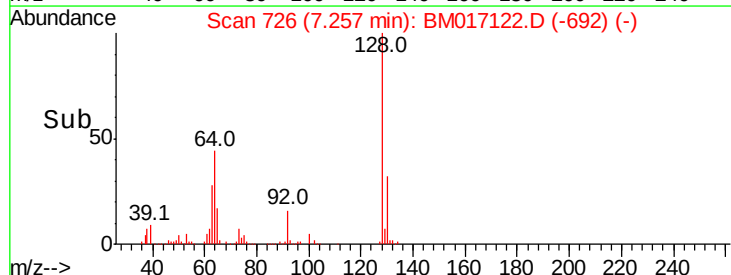
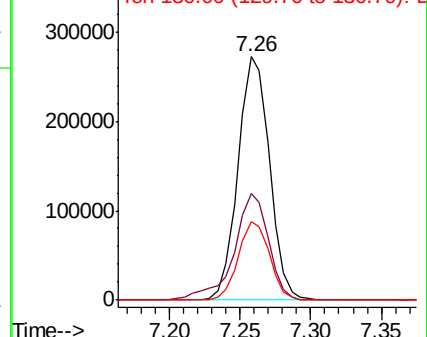


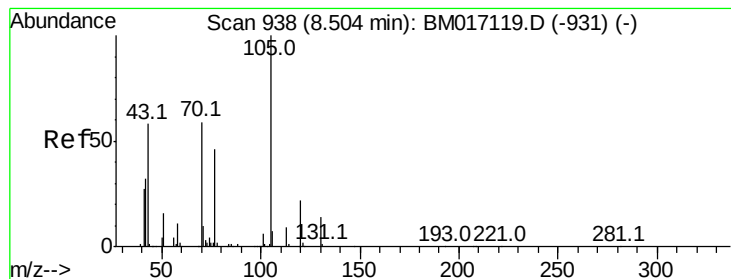
Abundance

Ion 128.00 (127.70 to 128.70): BM017119.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM017119.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM017119.D (-720) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 29.168 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

Instrument :

BNA_M

ClientSampleId :

A3Z47MSD

Tot Ion: 70 Resp: 335742

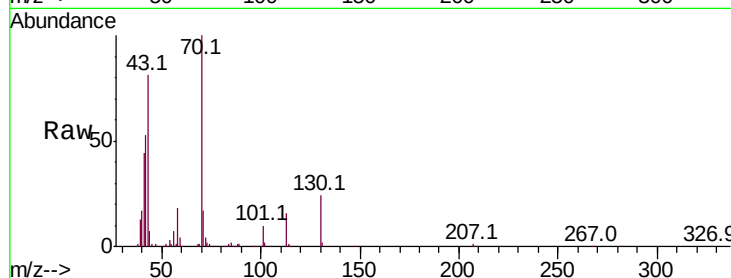
Ion Ratio Lower Upper

70 100

42 53.0 45.1 67.7

101 10.5 7.5 11.3

130 23.8 17.3 25.9

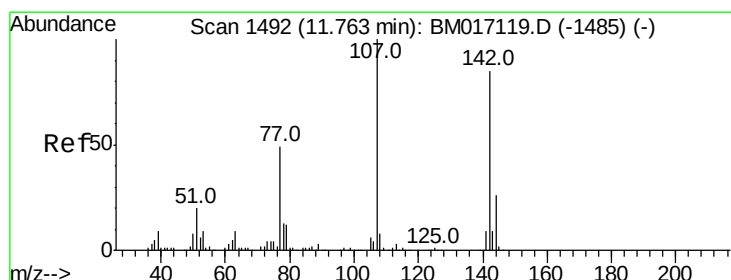
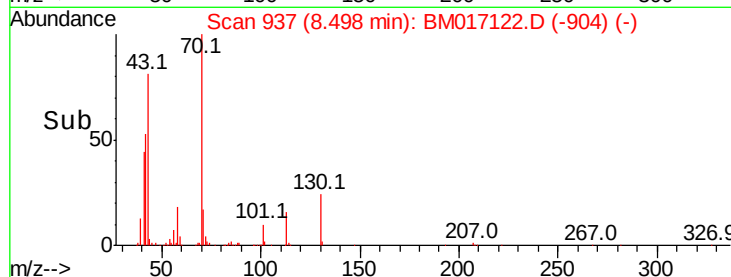
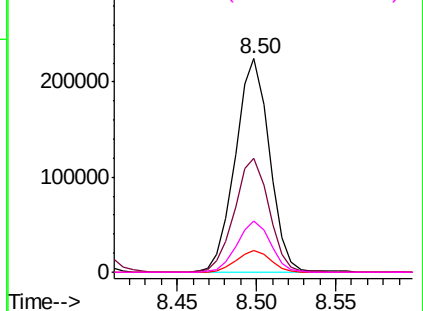


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 29.211 ng/ul

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

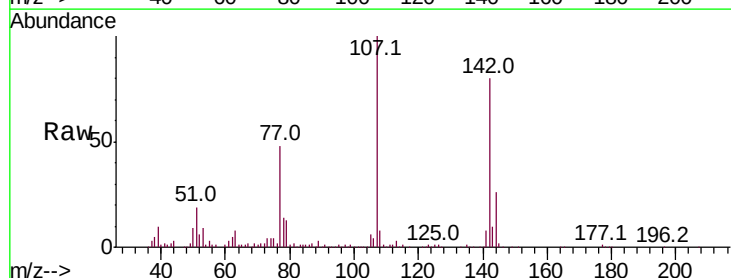
Tgt Ion: 107 Resp: 501560

Ion Ratio Lower Upper

107 100

144 25.8 22.2 33.4

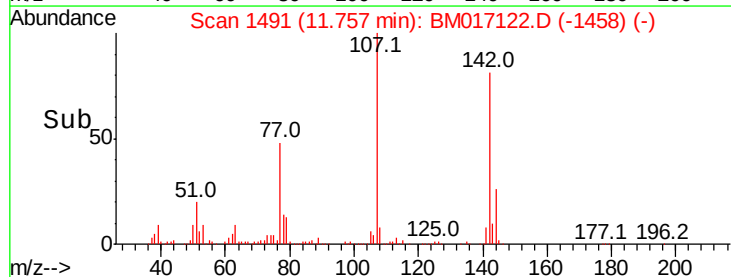
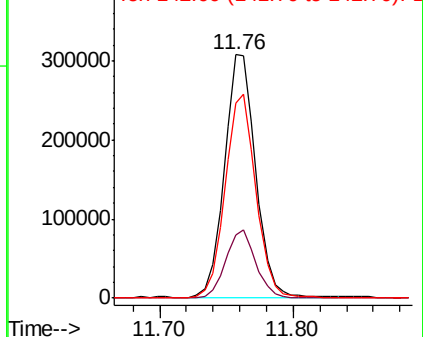
142 80.0 67.0 100.6

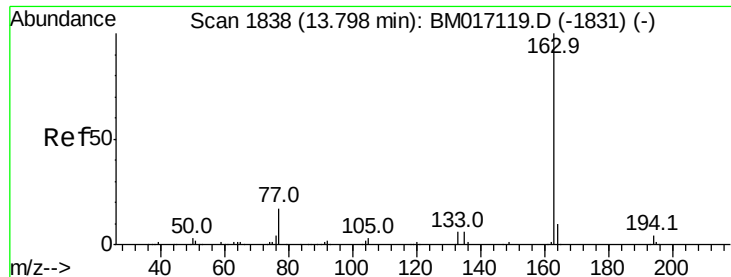


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 9.727 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

Instrument :

BNA_M

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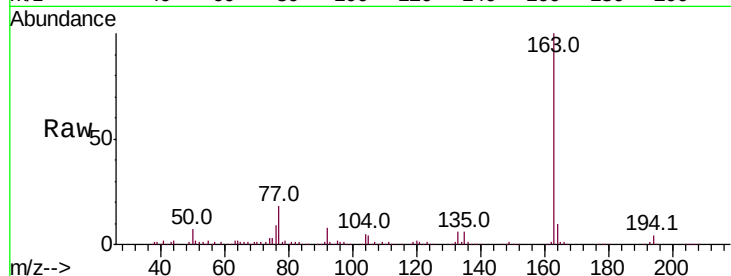
Tot Ion:163 Resp: 503811

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

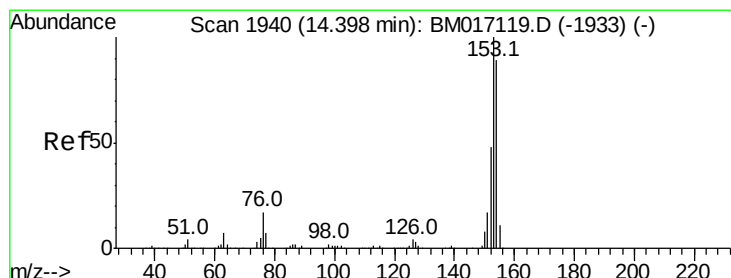
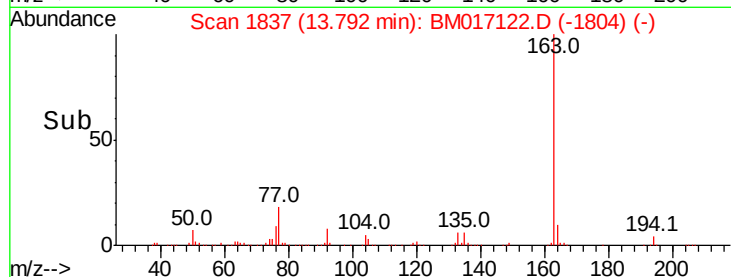
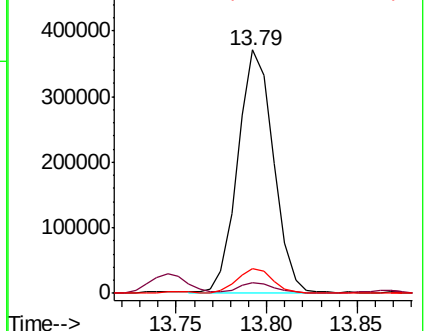
164 9.9 8.0 12.0



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



#50

Acenaphthene

Concen: 28.846 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

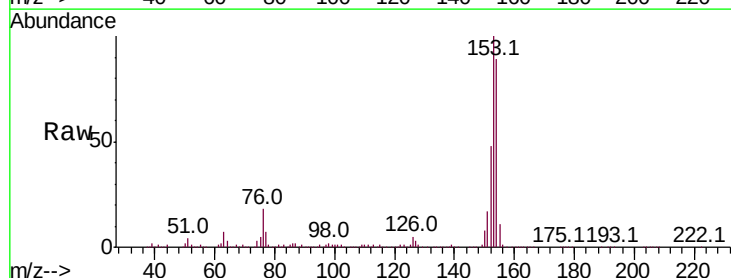
Tgt Ion:153 Resp: 1312582

Ion Ratio Lower Upper

153 100

152 48.1 38.3 57.5

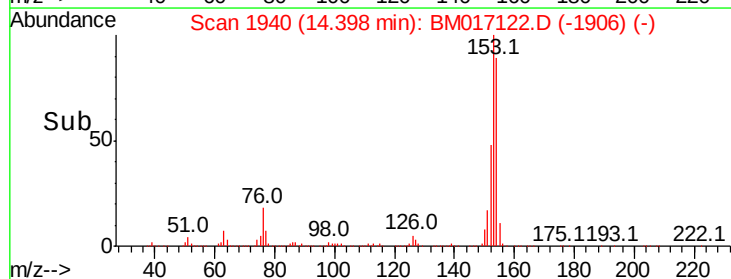
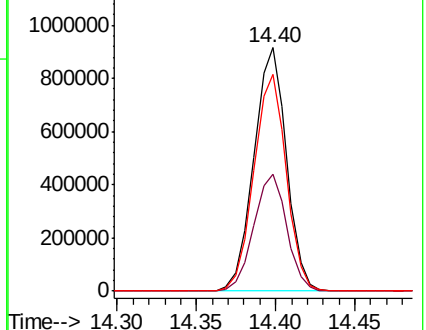
154 88.8 71.0 106.6

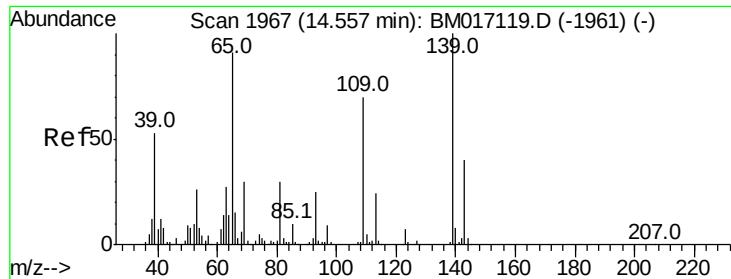


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

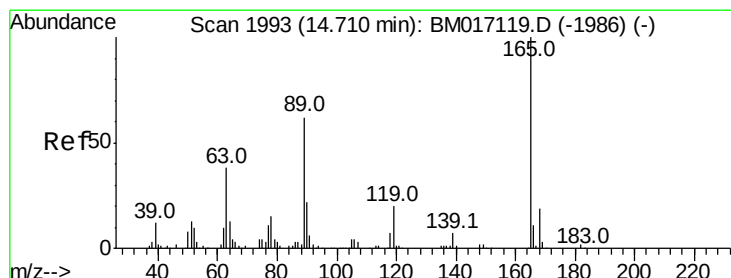
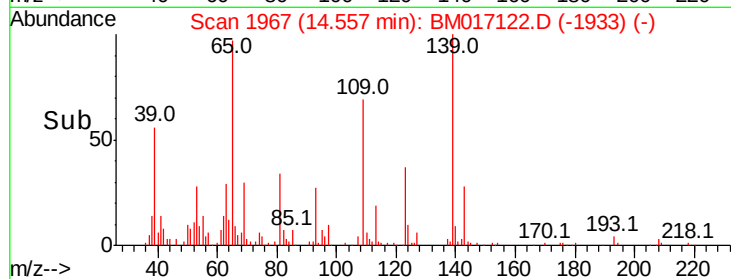
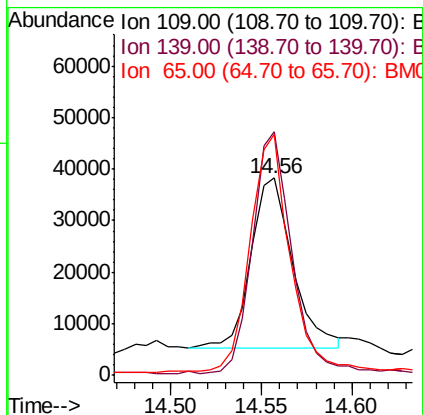
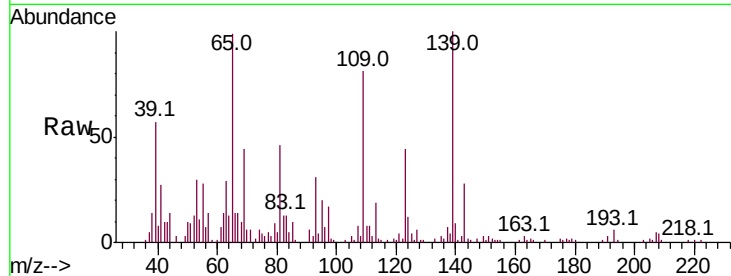




#53
4-Nitrophenol
Concen: 7.347 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM017122.D
Acq: 11 Oct 2018 12:40

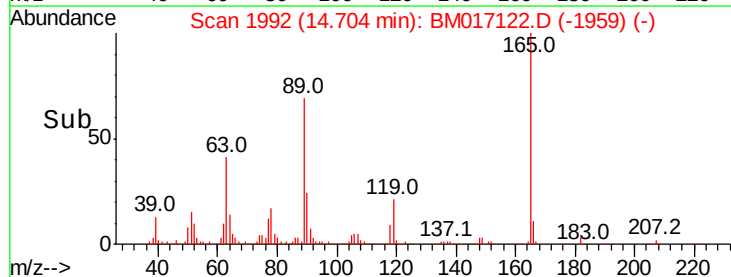
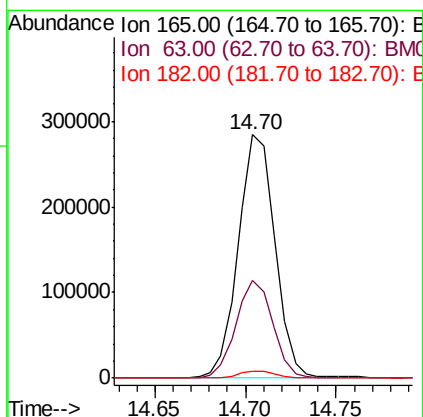
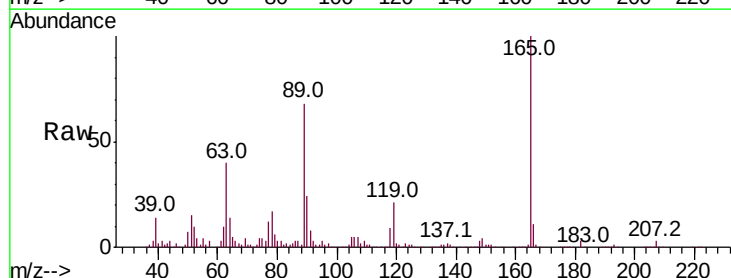
Instrument :
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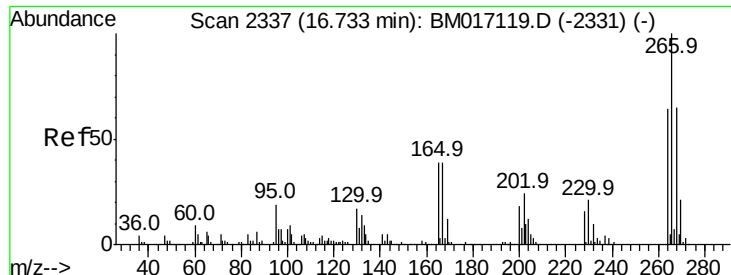
Tot Ion:109 Resp: 52724
Ion Ratio Lower Upper
109 100
139 123.4 114.1 171.1
65 122.2 109.8 164.6



#55
2,4-Dinitrotoluene
Concen: 28.090 ng/ul
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM017122.D
Acq: 11 Oct 2018 12:40

Tgt Ion:165 Resp: 396327
Ion Ratio Lower Upper
165 100
63 40.3 32.6 48.8
182 2.8 2.3 3.5





#69

Pentachlorophenol

Concen: 12.269 ng/ul

RT: 16.73 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

Instrument :

BNA_M

ClientSampleId :

A3Z47MSD

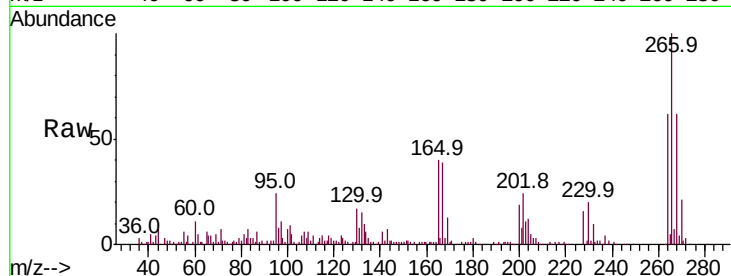
Tot Ion:266 Resp: 146263

Ion Ratio Lower Upper

266 100

264 62.3 50.4 75.6

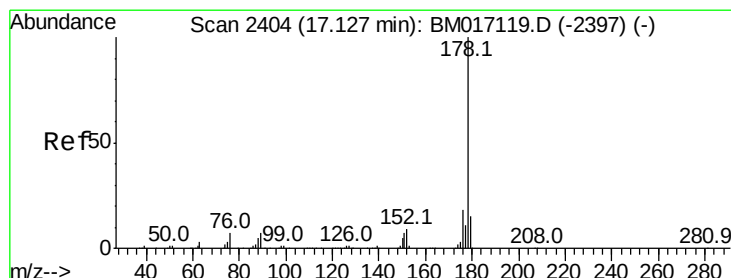
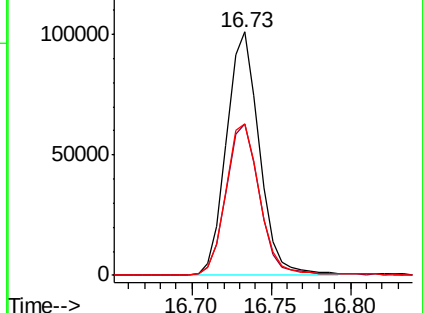
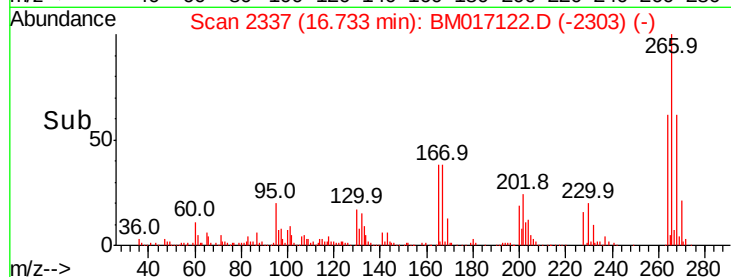
268 62.0 53.6 80.4



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: 1.317 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

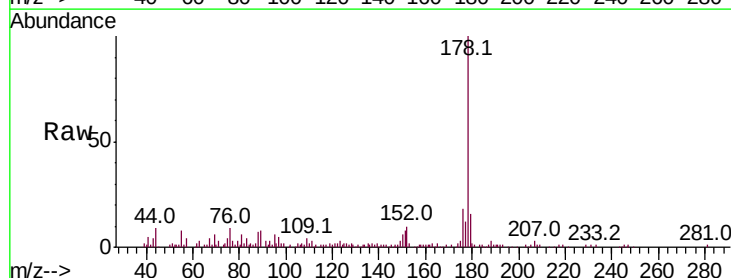
Tgt Ion:178 Resp: 115120

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

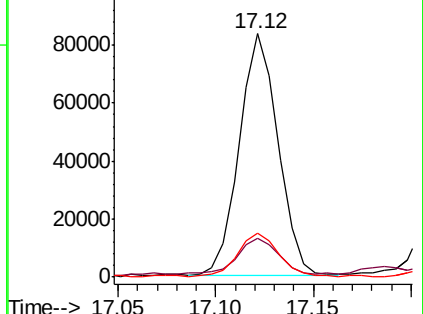
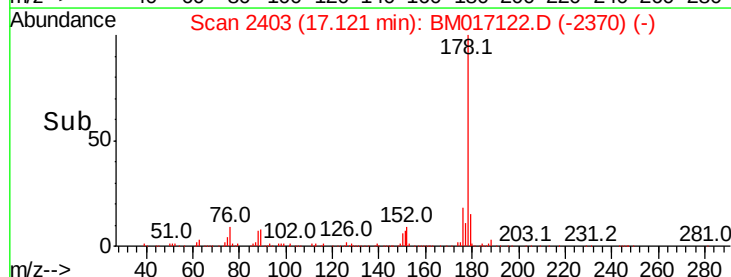
176 17.9 15.0 22.4

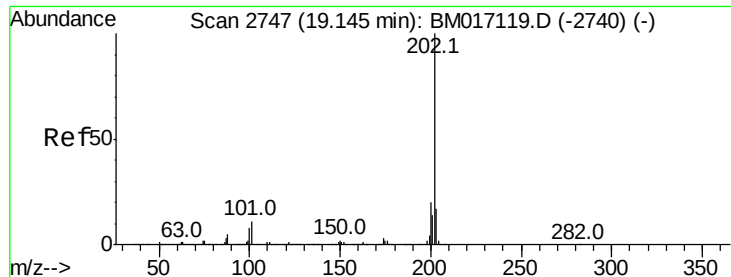


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

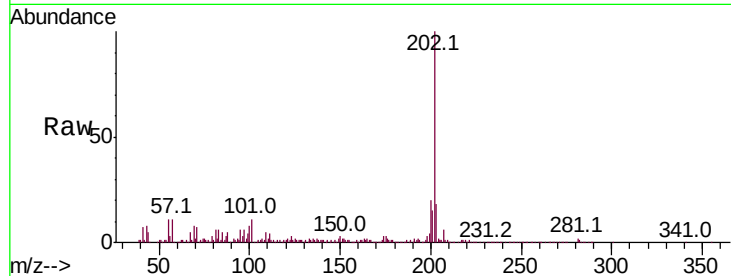




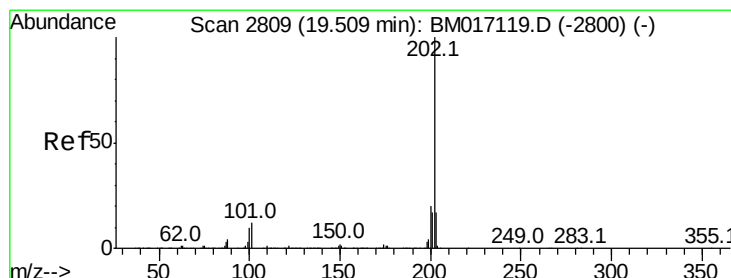
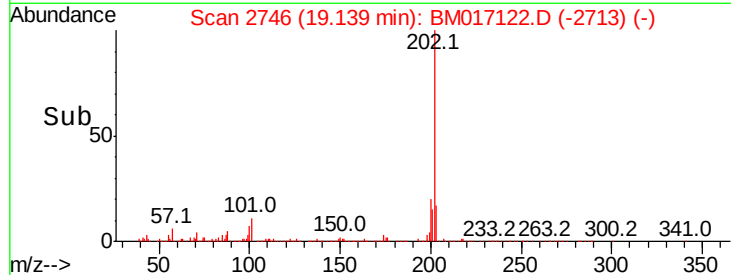
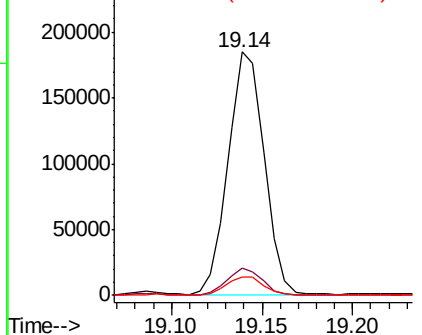
#77
 Fluoranthene
 Concen: 2.521 ng/ul
 RT: 19.14 min Scan# 2746
 Delta R.T. -0.01 min
 Lab File: BM017122.D
 Acq: 11 Oct 2018 12:40

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:	202	Resp:	255226
Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.3	12.5
100	7.5	6.6	9.8

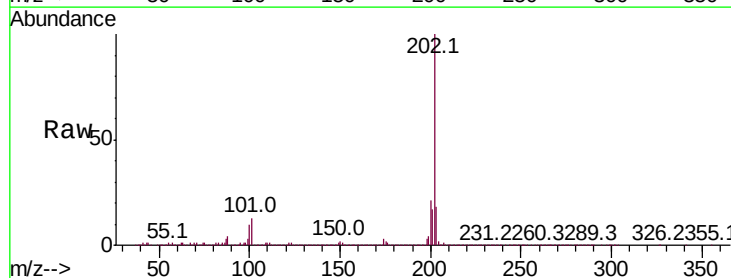


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

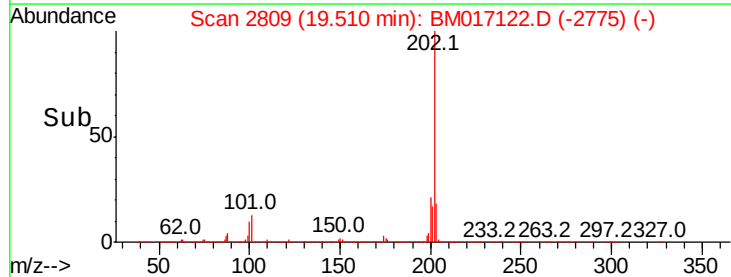
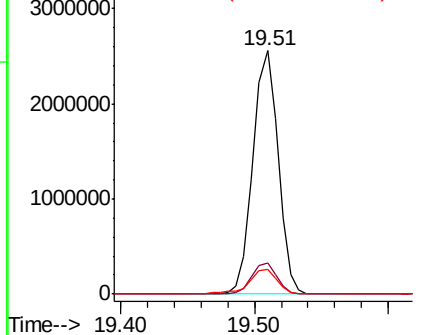


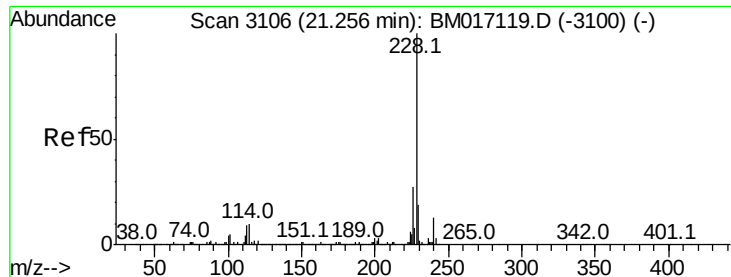
#80
 Pyrene
 Concen: 38.339 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BM017122.D
 Acq: 11 Oct 2018 12:40

Tgt Ion:	202	Resp:	3323072
Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.8	16.2
100	10.1	8.9	13.3



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): B

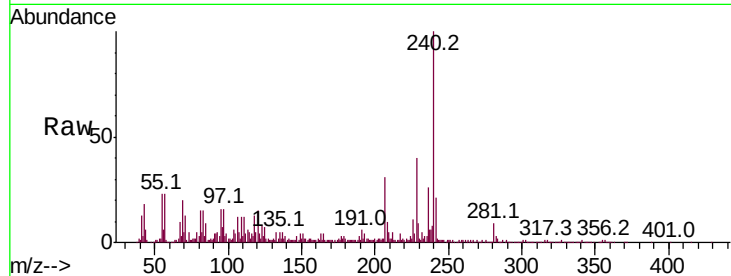




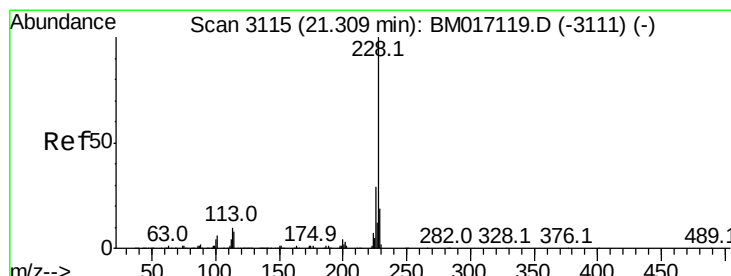
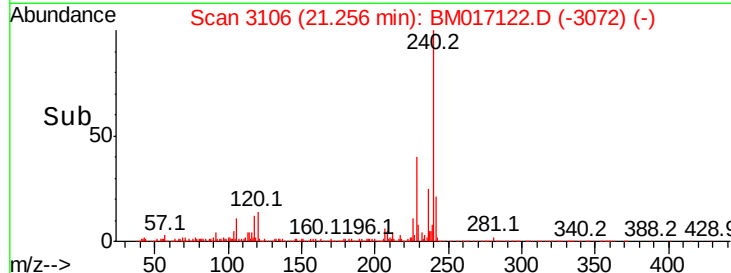
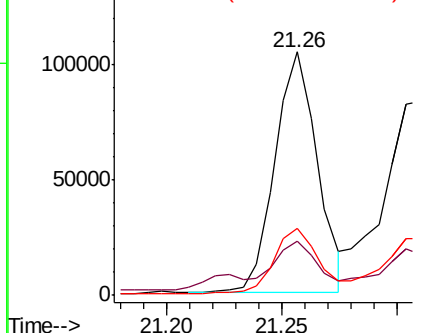
#83
Benzo(a)anthracene
Concen: 1.486 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017122.D
Acq: 11 Oct 2018 12:40

Instrument :
BNA_M
ClientSampleId :
A3Z47MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	27.3	20.9	31.3

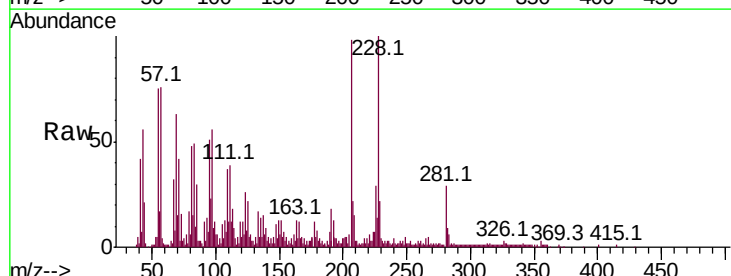


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

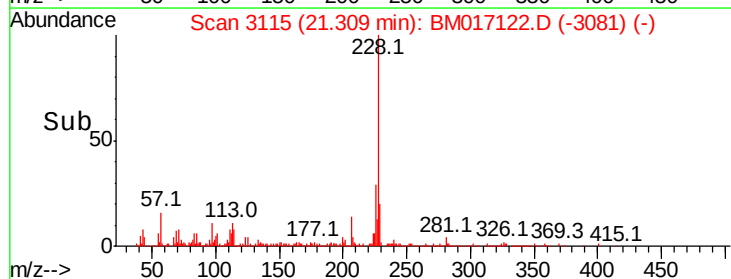
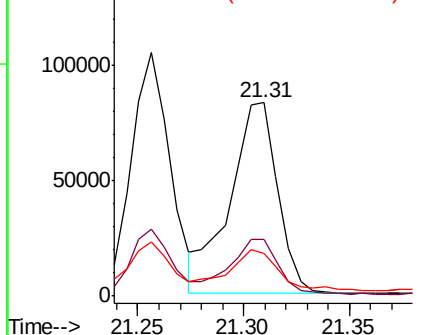


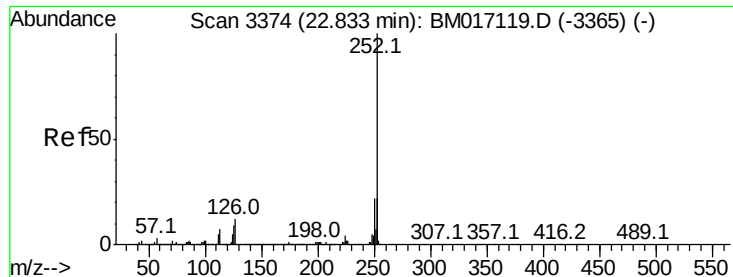
#85
Chrysene
Concen: 1.502 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM017122.D
Acq: 11 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.3	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: 2.280 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

Instrument :

BNA_M

ClientSampleId :

A3Z47MSD

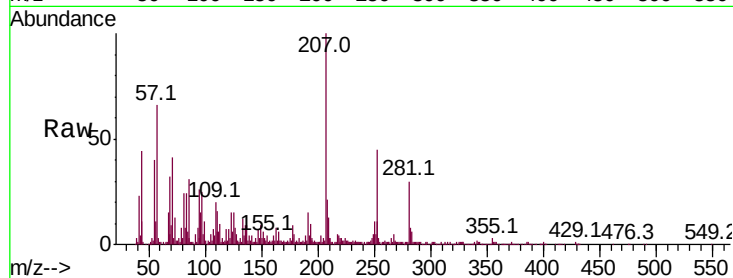
Tot Ion:252 Resp: 168037

Ion Ratio Lower Upper

252 100

253 24.8 17.3 25.9

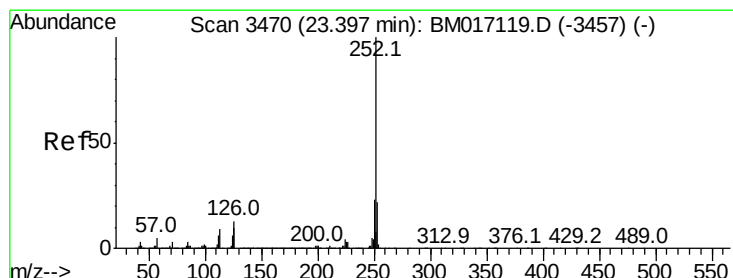
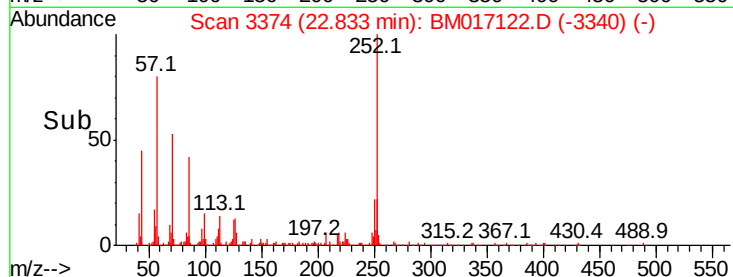
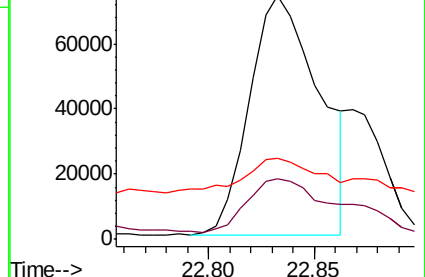
125 33.3 8.2 12.4#



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: 1.539 ng/ul

RT: 23.40 min Scan# 3471

Delta R.T. 0.01 min

Lab File: BM017122.D

Acq: 11 Oct 2018 12:40

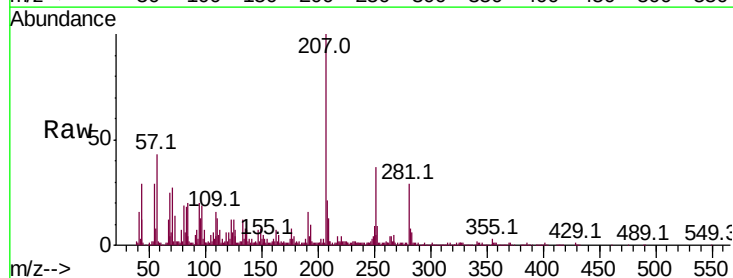
Tgt Ion:252 Resp: 109296

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.4

125 32.7 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

