

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012803.D
 Acq On : 07 Nov 2017 19:43
 Operator : SJ/JU
 Sample : I6164-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 01:55:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	121301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	520726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	333404	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	774249	20.00	ng/ul	0.09
77) Chrysene-d12	21.36	240	667541	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	603130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7959	3.54	ng/uL	0.00
5) Phenol-d5	6.97	99	182575	20.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	105393	21.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	158235	21.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	137258	17.62	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	82140	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	97913	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	182469	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	148797	17.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	604088	21.90	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	724429	21.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	69009	15.61	ng/ul	0.00
57) Fluorene-d10	15.43	176	521111	22.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	70843	13.86	ng/ul	0.00
70) Anthracene-d10	17.28	188	773730	20.68	ng/ul	0.00
78) Pyrene-d10	19.57	212	807218	26.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	630296	22.10	ng/ul	0.00

Target Compounds

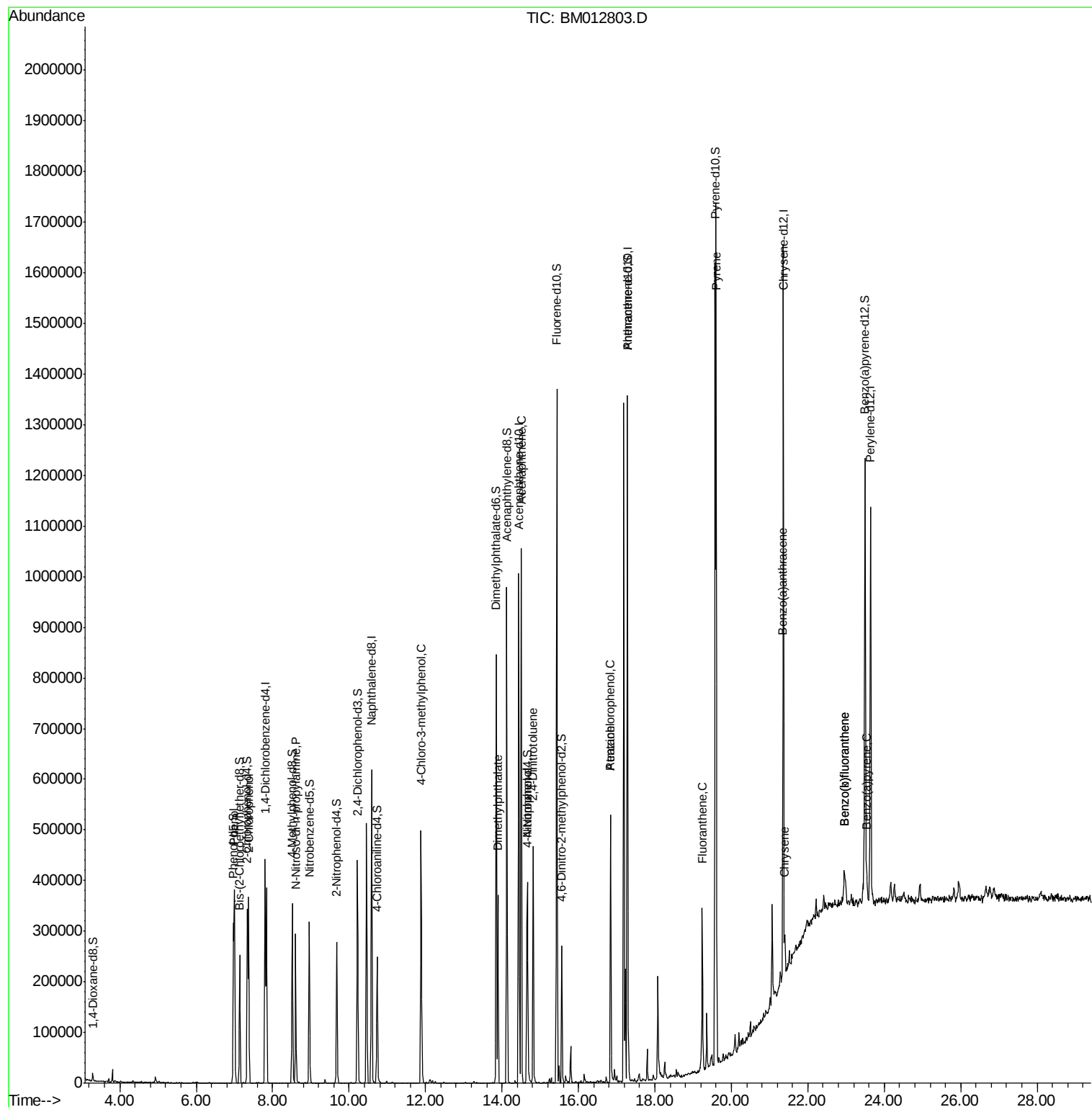
						Ovalue
6) Phenol	7.00	94	220161	23.76	ng/ul	99
10) 2-Chlorophenol	7.37	128	167635	21.64	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	114300	20.28	ng/ul	98
33) 4-Chloro-3-methylphenol	11.88	107	184793	21.61	ng/ul	96
44) Dimethylphthalate	13.89	163	248913	9.09	ng/ul	100
49) Acenaphthene	14.50	153	441829	19.61	ng/ul	97
52) 4-Nitrophenol	14.67	109	60687	15.56	ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	150776	18.71	ng/ul	93
67) Atrazine	16.84	200	18946	2.03	ng/ul#	37
68) Pentachlorophenol	16.84	266	108582	16.73	ng/ul	97
76) Fluoranthene	19.24	202	179167	3.52	ng/ul	95
79) Pyrene	19.60	202	1011365	25.39	ng/ul#	93
82) Benzo(a)anthracene	21.34	228	54707	1.35	ng/ul	96
84) Chrysene	21.40	228	53030	1.45	ng/ul	98
87) Benzo(b)fluoranthene	22.96	252	59224	1.61	ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	59224	1.69	ng/ul	98
90) Benzo(a)pyrene	23.54	252	38070	1.09	ng/ul	95

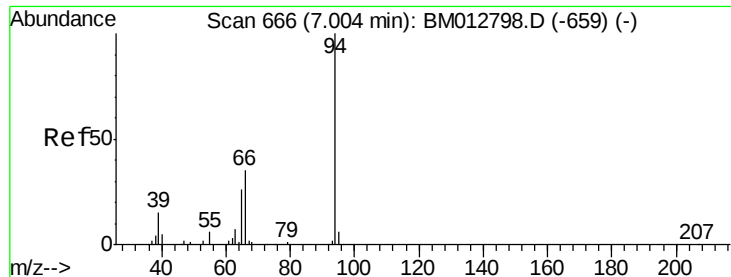
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 23.76 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

Instrument :

BNA_M

ClientSampleId :

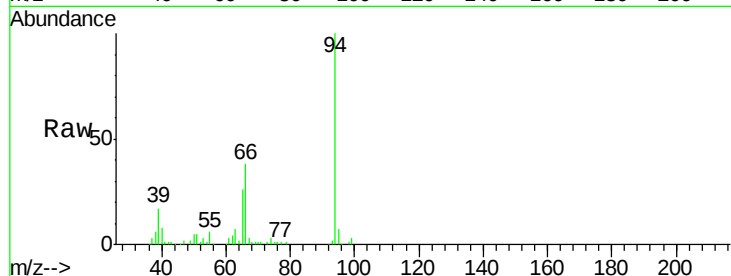
Tot Ion: 94 Resp: 220161

Ion Ratio Lower Upper

94 100

65 26.5 21.0 31.6

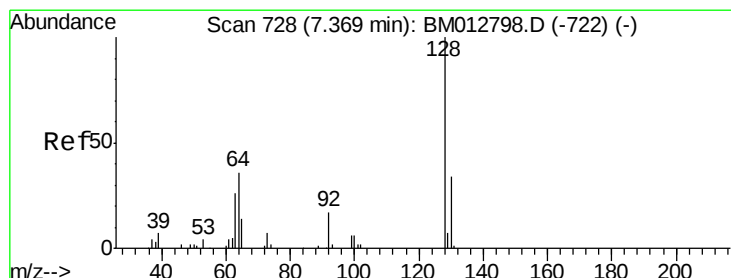
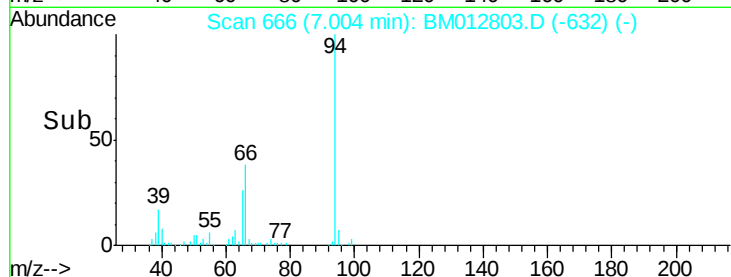
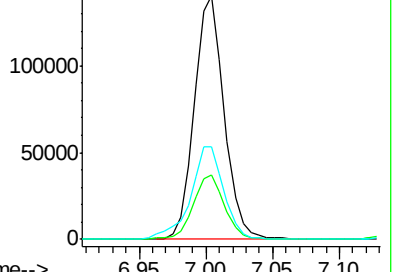
66 37.8 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012798.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM012798.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM012798.D (-659) (-)



#10

2-Chlorophenol

Concen: 21.64 ng/ul

RT: 7.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

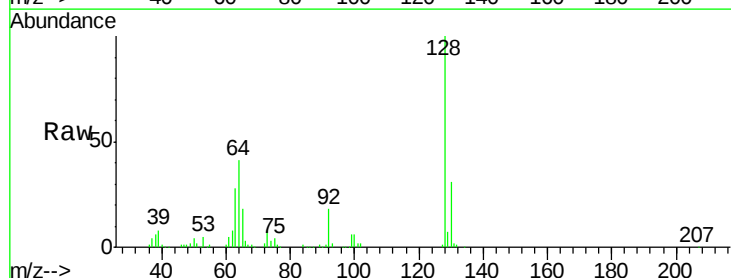
Tgt Ion:128 Resp: 167635

Ion Ratio Lower Upper

128 100

64 41.4 31.9 47.9

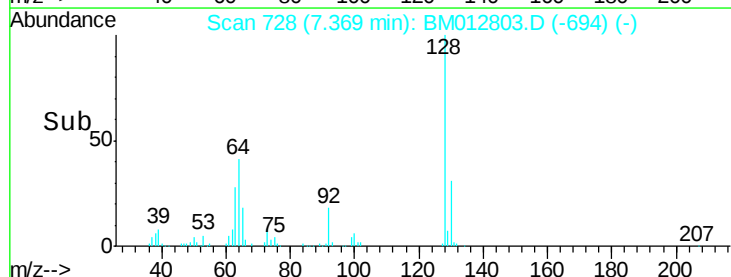
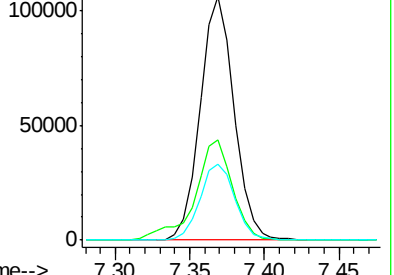
130 31.3 25.6 38.4

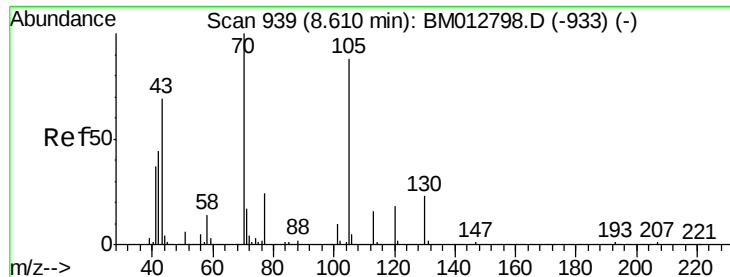


Abundance Ion 128.00 (127.70 to 128.70): BM012798.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM012798.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM012798.D (-722) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 20.28 ng/ul

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 114300

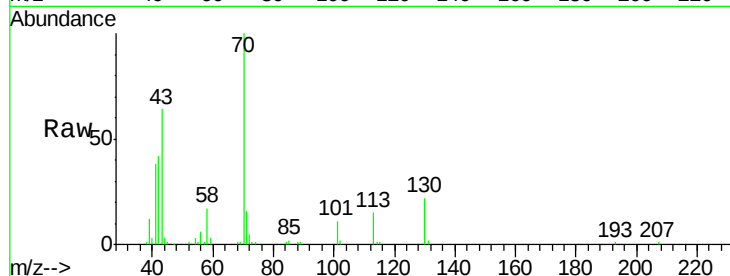
Ion Ratio Lower Upper

70 100

42 42.4 35.4 53.0

101 10.8 8.4 12.6

130 22.3 18.2 27.4

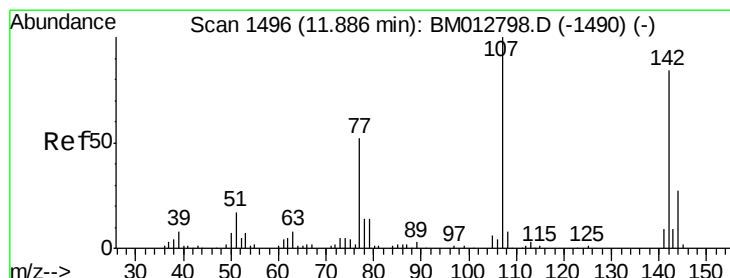
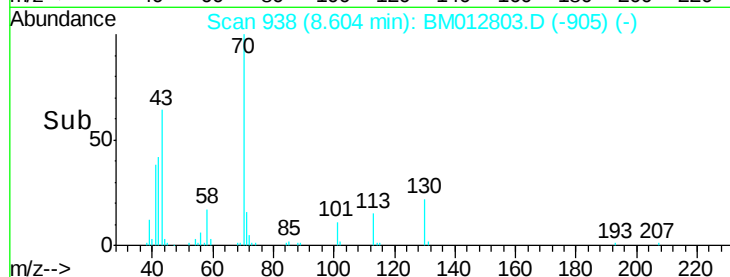
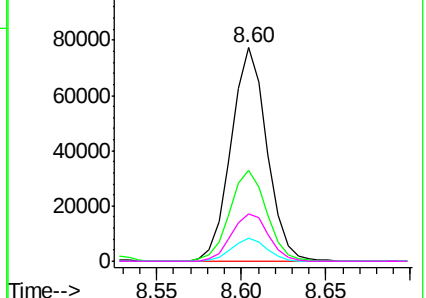


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 21.61 ng/ul

RT: 11.88 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

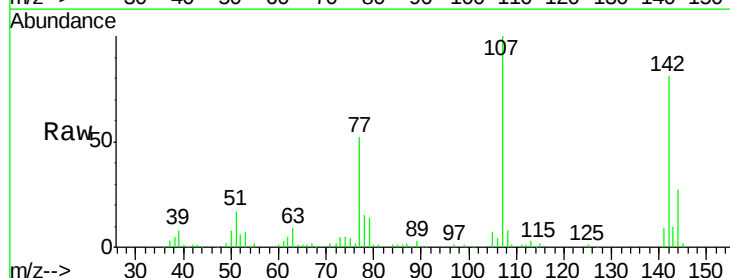
Tgt Ion: 107 Resp: 184793

Ion Ratio Lower Upper

107 100

144 26.9 20.4 30.6

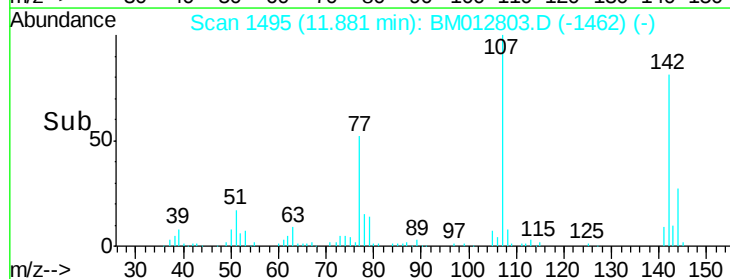
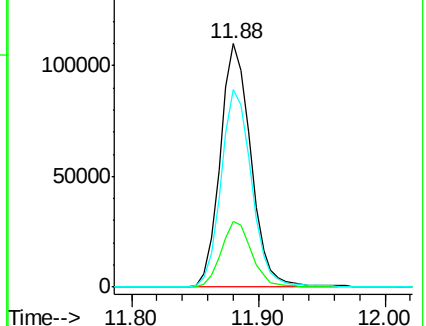
142 81.4 62.5 93.7

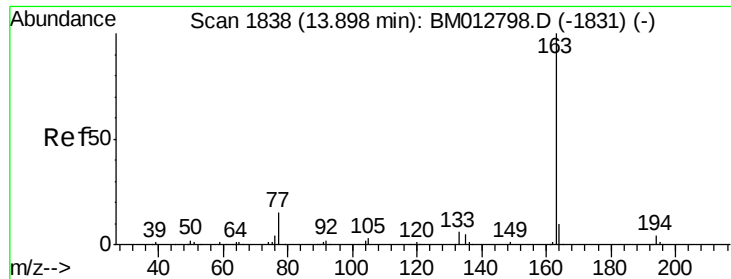


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

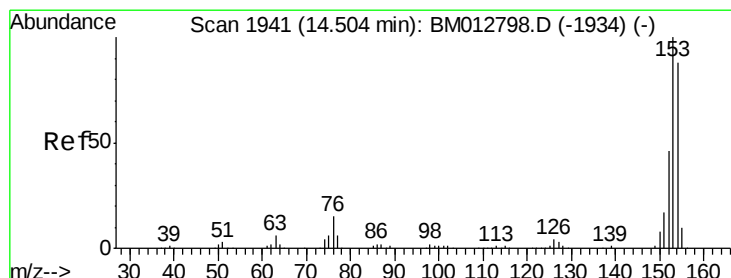
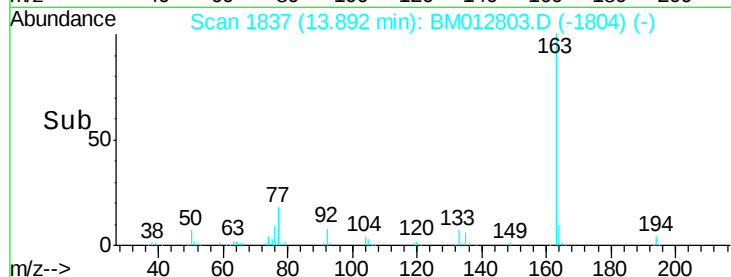
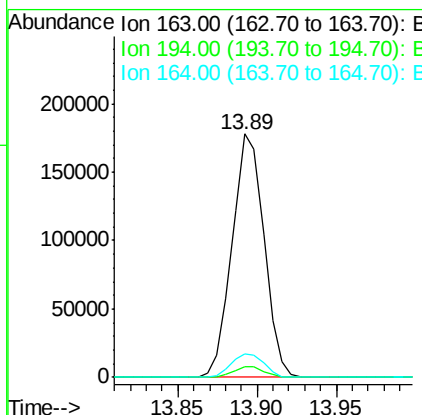
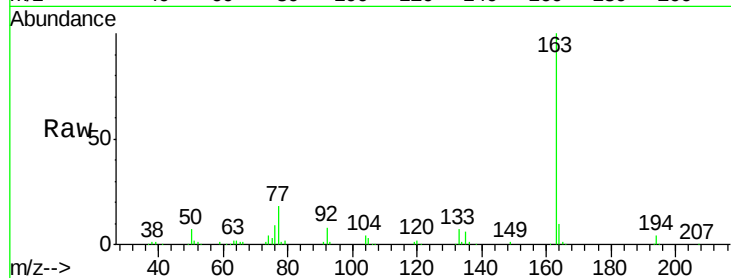




#44
Dimethylphthalate
Concen: 9.09 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM012803.D
Acq: 07 Nov 2017 19:43

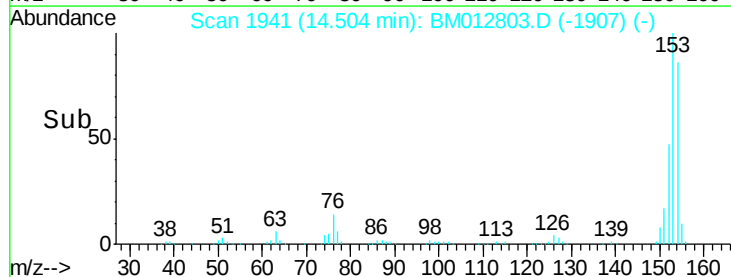
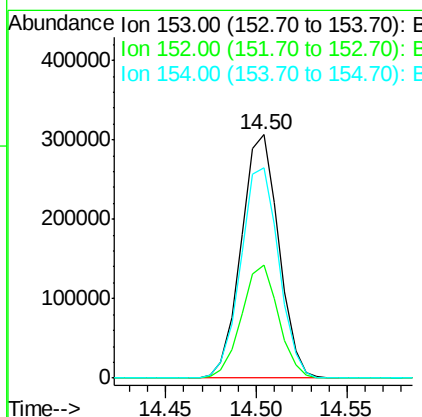
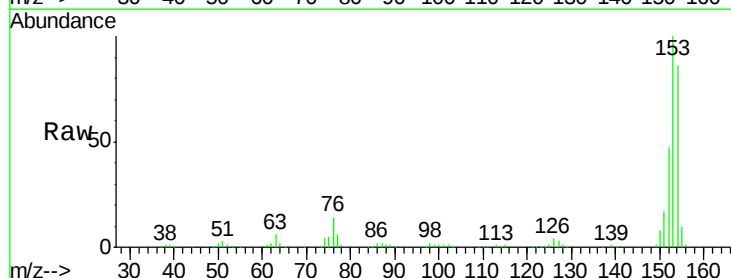
Instrument :
BNA_M
ClientSampleId :

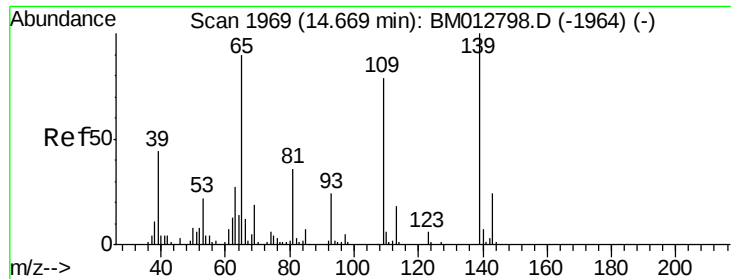
Tot Ion:163 Resp: 248913
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.6 7.8 11.8



#49
Acenaphthene
Concen: 19.61 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BM012803.D
Acq: 07 Nov 2017 19:43

Tgt Ion:153 Resp: 441829
Ion Ratio Lower Upper
153 100
152 46.6 38.3 57.5
154 86.4 71.8 107.8

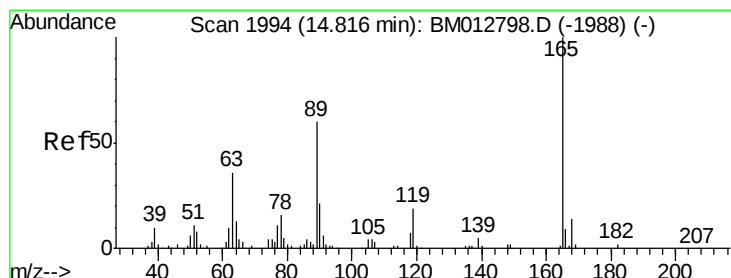
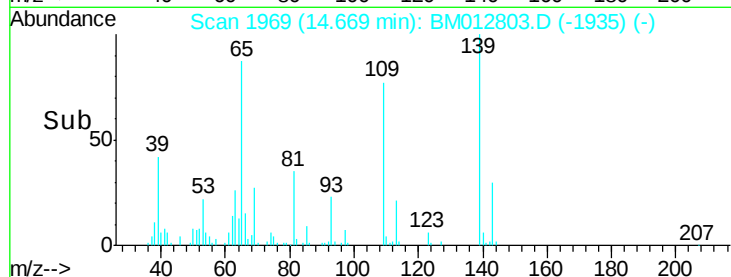
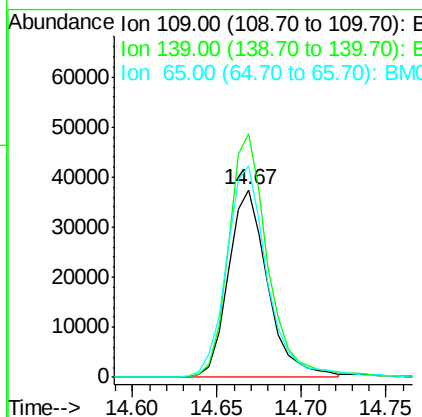
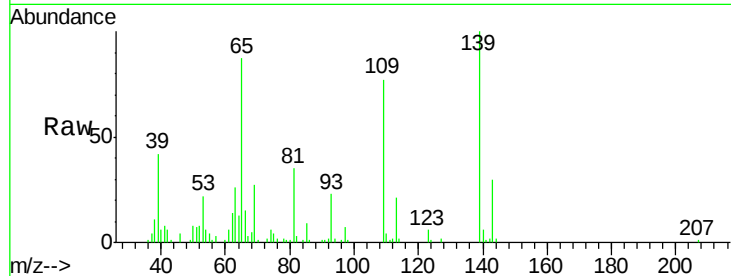




#52
4-Nitrophenol
Concen: 15.56 ng/ul
RT: 14.67 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM012803.D
Acq: 07 Nov 2017 19:43

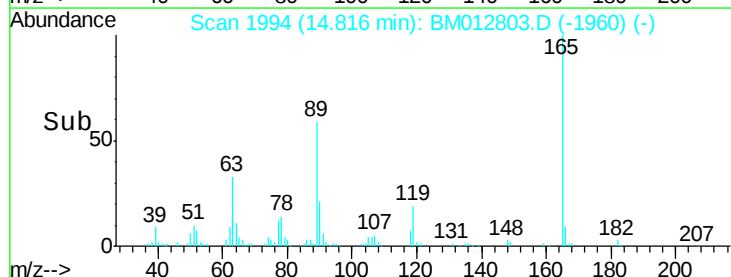
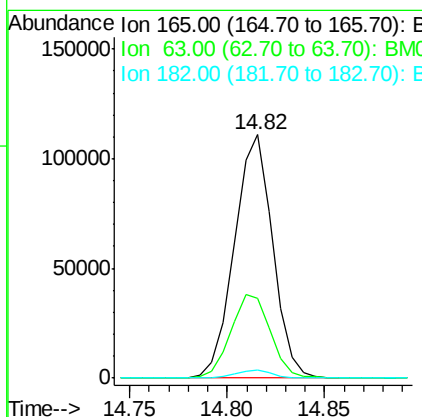
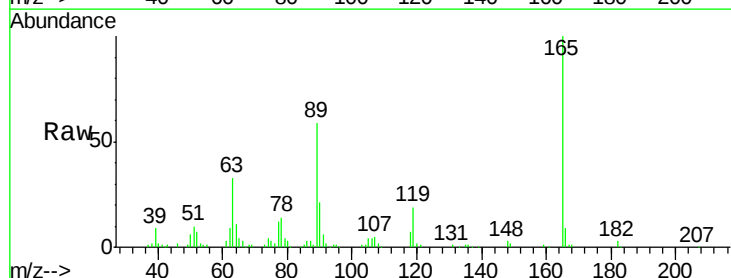
Instrument :
BNA_M
ClientSampleId :

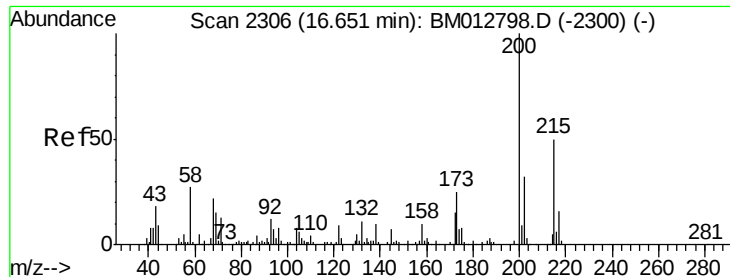
Tot Ion:109 Resp: 60687
Ion Ratio Lower Upper
109 100
139 129.9 103.7 155.5
65 113.0 89.4 134.2



#54
2,4-Dinitrotoluene
Concen: 18.71 ng/ul
RT: 14.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BM012803.D
Acq: 07 Nov 2017 19:43

Tgt Ion:165 Resp: 150776
Ion Ratio Lower Upper
165 100
63 32.5 29.8 44.6
182 3.3 2.2 3.4





#67

Atrazine

Concen: 2.03 ng/ul

RT: 16.84 min Scan# 2338

Delta R.T. 0.19 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

Instrument :

BNA_M

ClientSampleId :

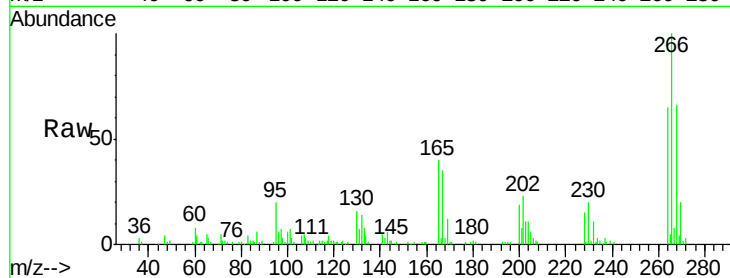
Tot Ion:200 Resp: 18946

Ion Ratio Lower Upper

200 100

173 0.0 21.6 32.4#

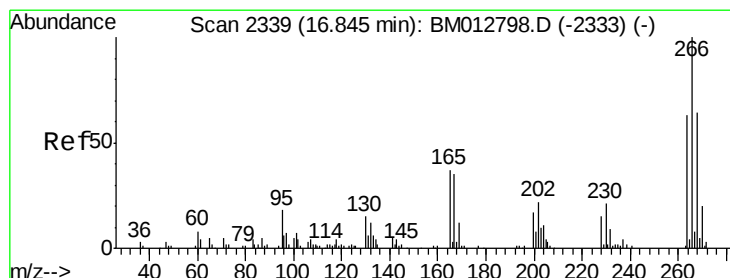
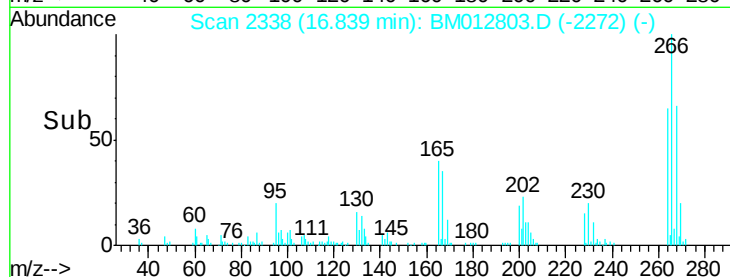
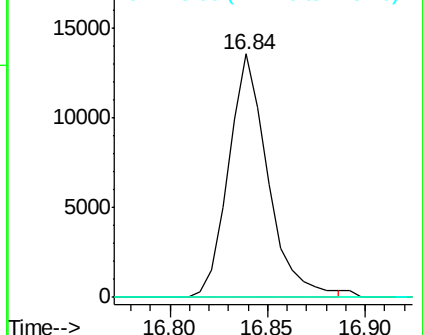
215 0.0 37.0 55.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 16.73 ng/ul

RT: 16.84 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

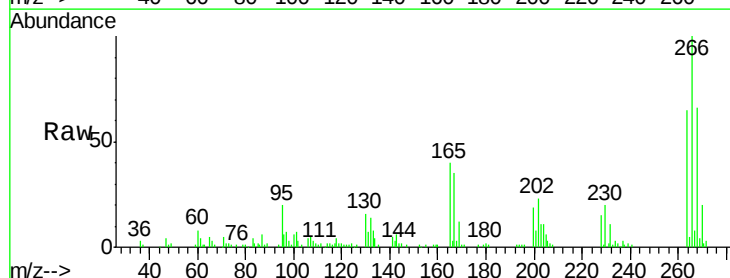
Tgt Ion:266 Resp: 108582

Ion Ratio Lower Upper

266 100

264 64.8 50.5 75.7

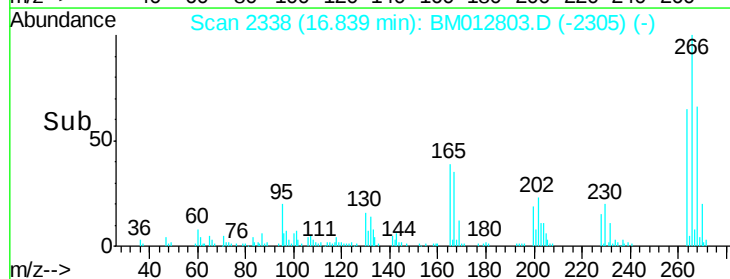
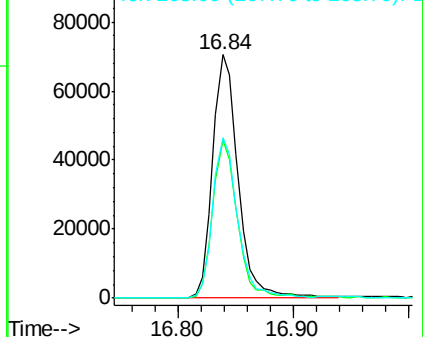
268 66.1 50.9 76.3

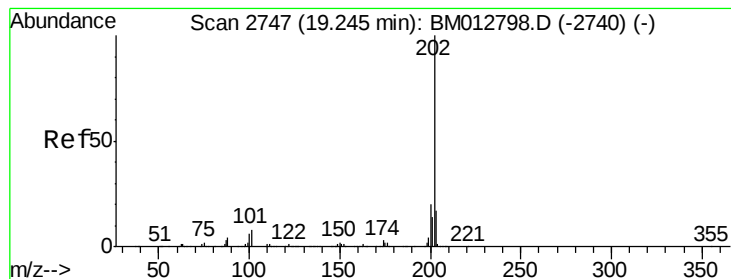


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#76

Fluoranthene

Concen: 3.52 ng/ul

RT: 19.24 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

Instrument :

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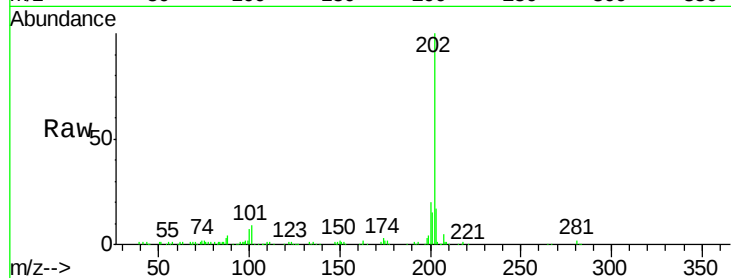
Tot Ion:202 Resp: 179167

Ion Ratio Lower Upper

202 100

101 8.9 8.8 13.2

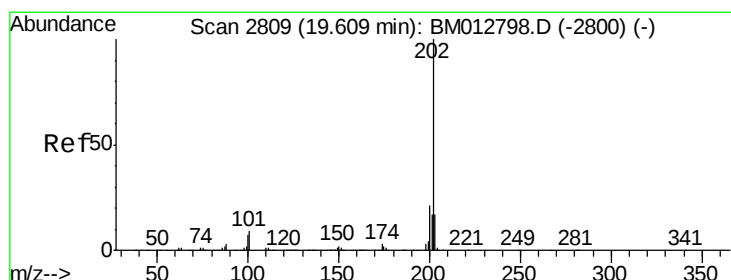
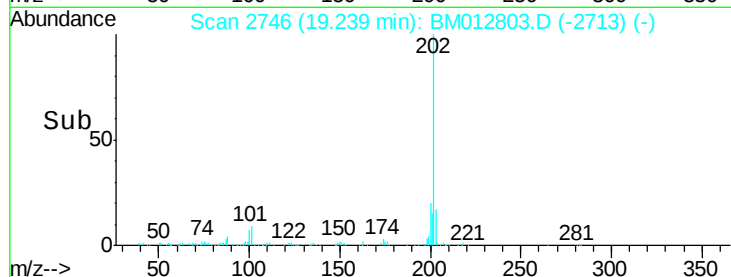
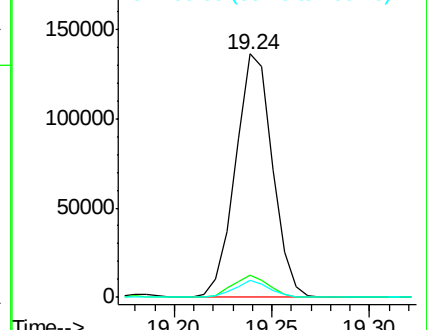
100 6.9 6.6 9.8



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



#79

Pyrene

Concen: 25.39 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

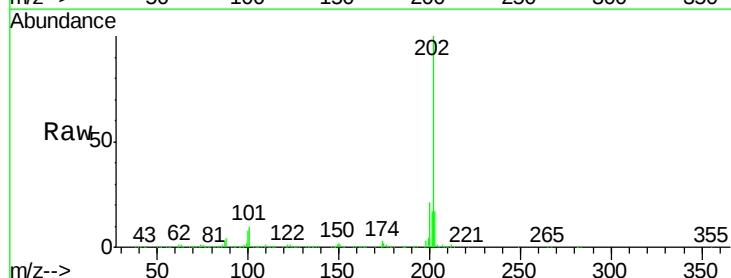
Tgt Ion:202 Resp: 1011365

Ion Ratio Lower Upper

202 100

101 9.8 10.2 15.2#

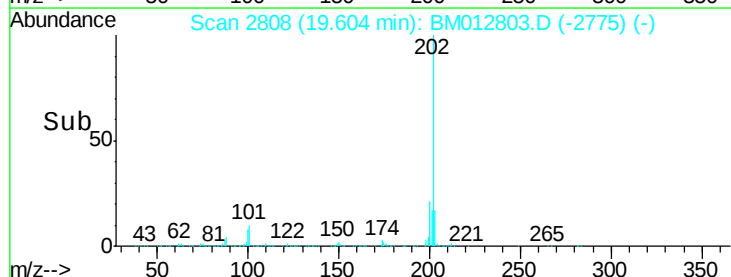
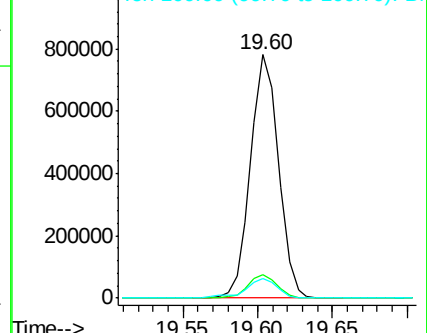
100 8.1 8.5 12.7#

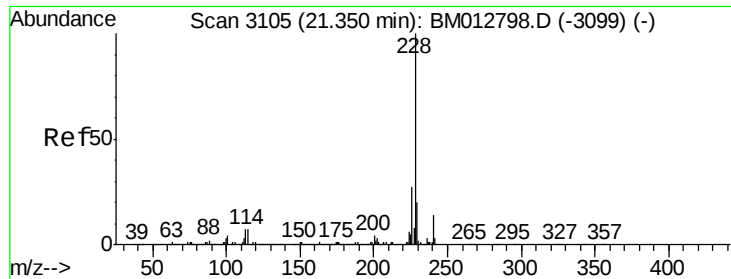


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.35 ng/ul

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

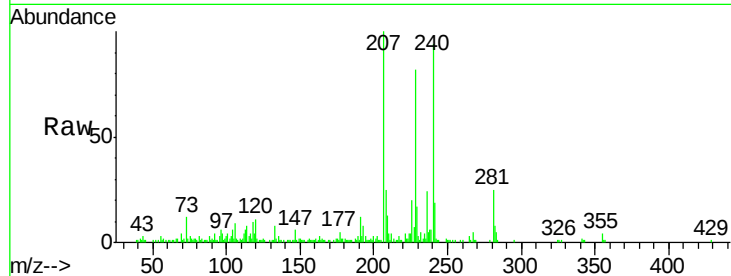
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 54707

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	25.0	21.8	32.6

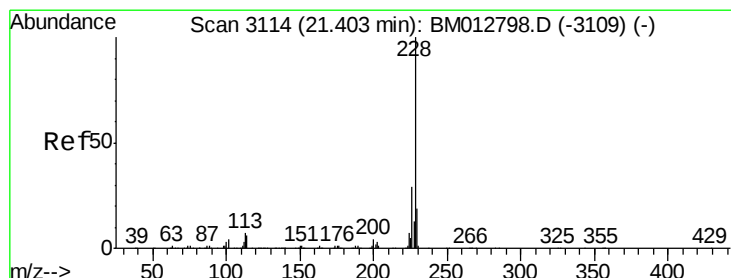
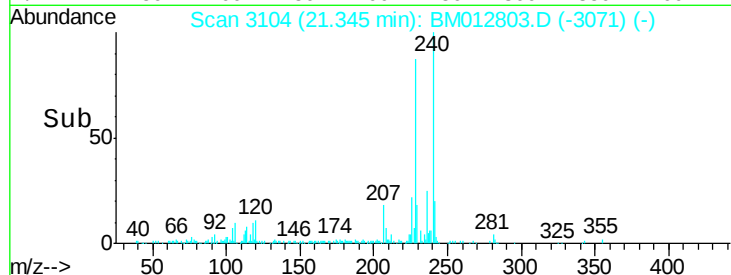
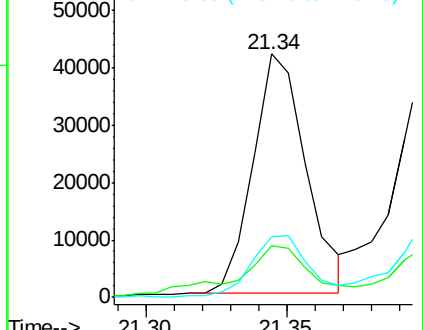


Abundance

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



#84

Chrysene

Concen: 1.45 ng/ul

RT: 21.40 min Scan# 3113

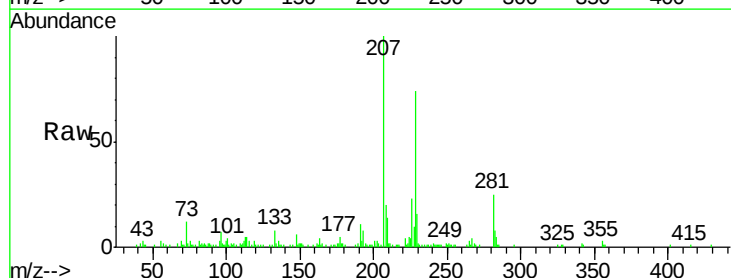
Delta R.T. -0.01 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

Tgt Ion:228 Resp: 53030

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	21.0	15.6	23.4

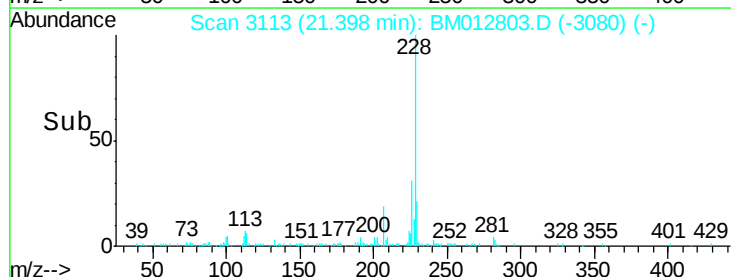
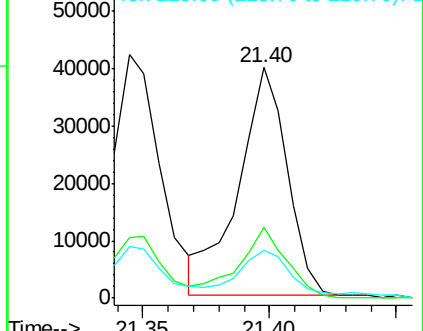


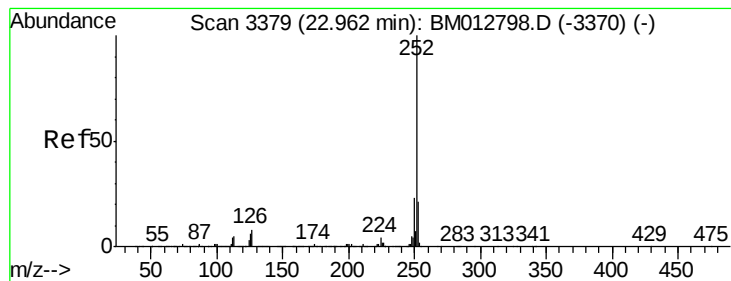
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 1.61 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

Instrument :

BNA_M

ClientSampleId :

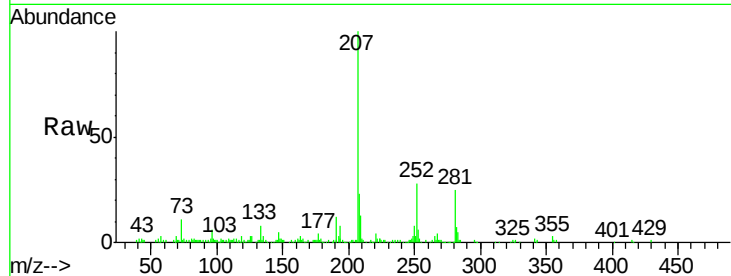
Tot Ion:252 Resp: 59224

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

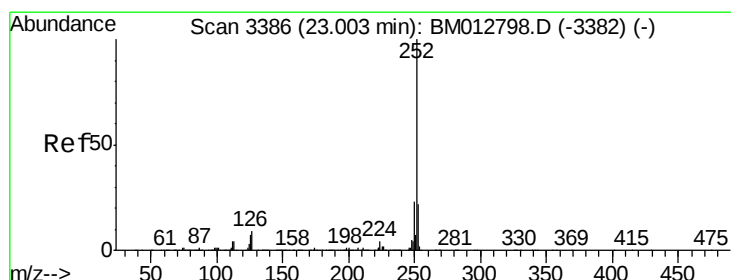
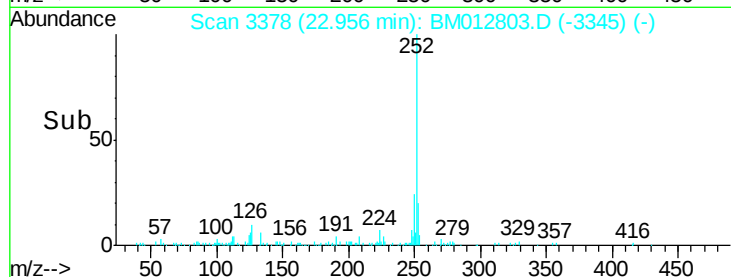
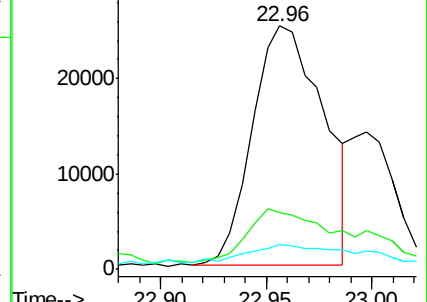
125 10.2 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.69 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.05 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

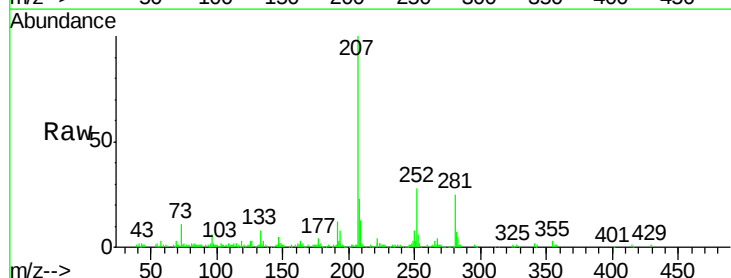
Tgt Ion:252 Resp: 59224

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

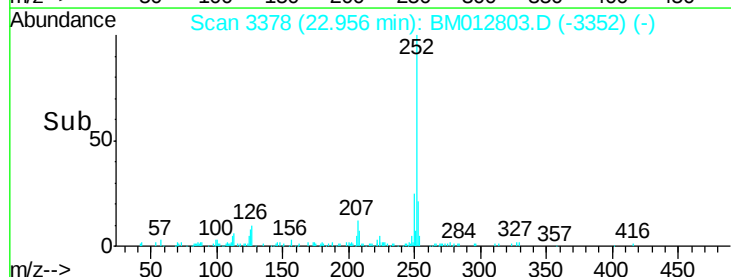
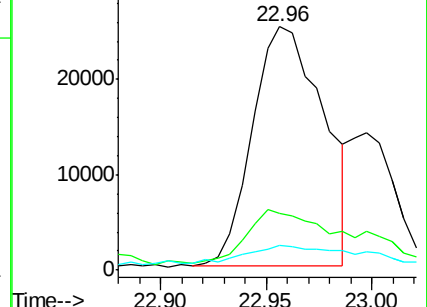
125 10.2 8.2 12.2

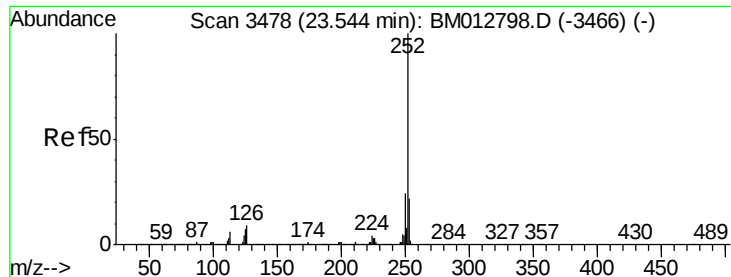


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.09 ng/ul

RT: 23.54 min Scan# 3478

Delta R.T. 0.00 min

Lab File: BM012803.D

Acq: 07 Nov 2017 19:43

Instrument :

BNA_M

ClientSampleId :

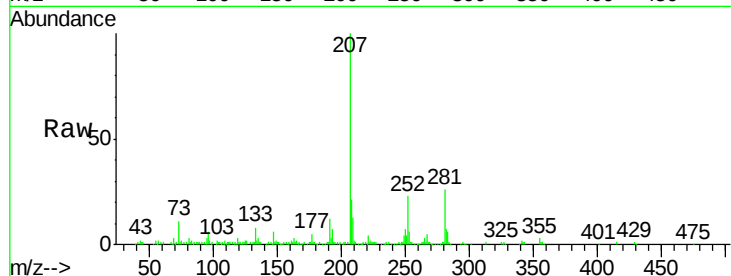
Tot Ion:252 Resp: 38070

Ion Ratio Lower Upper

252 100

253 24.4 17.2 25.8

125 10.2 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

