

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061615\
 Data File : BM001708.D
 Acq On : 16 Jun 2015 11:26
 Operator : TP/IZ
 Sample : G2610-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1W48

Quant Time: Jun 17 05:28:40 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 17 05:22:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	62716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	242958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	143614	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	340933	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	412680	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	449822	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	2511	1.91	ng/uL	0.00
5) Phenol-d5	6.83	99	52031	10.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	88488	32.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	113248	29.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	91005	23.54	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	56158	33.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	65337	35.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	135401	34.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	9394	2.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	403076	37.85	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	499316	35.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	23838	12.13	ng/ul	0.00
57) Fluorene-d10	15.32	176	370731	37.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	73338	35.21	ng/ul	0.00
70) Anthracene-d10	17.17	188	616535	38.82	ng/ul	0.00
78) Pyrene-d10	19.46	212	715679	40.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	789365	39.81	ng/ul	0.00

Target Compounds

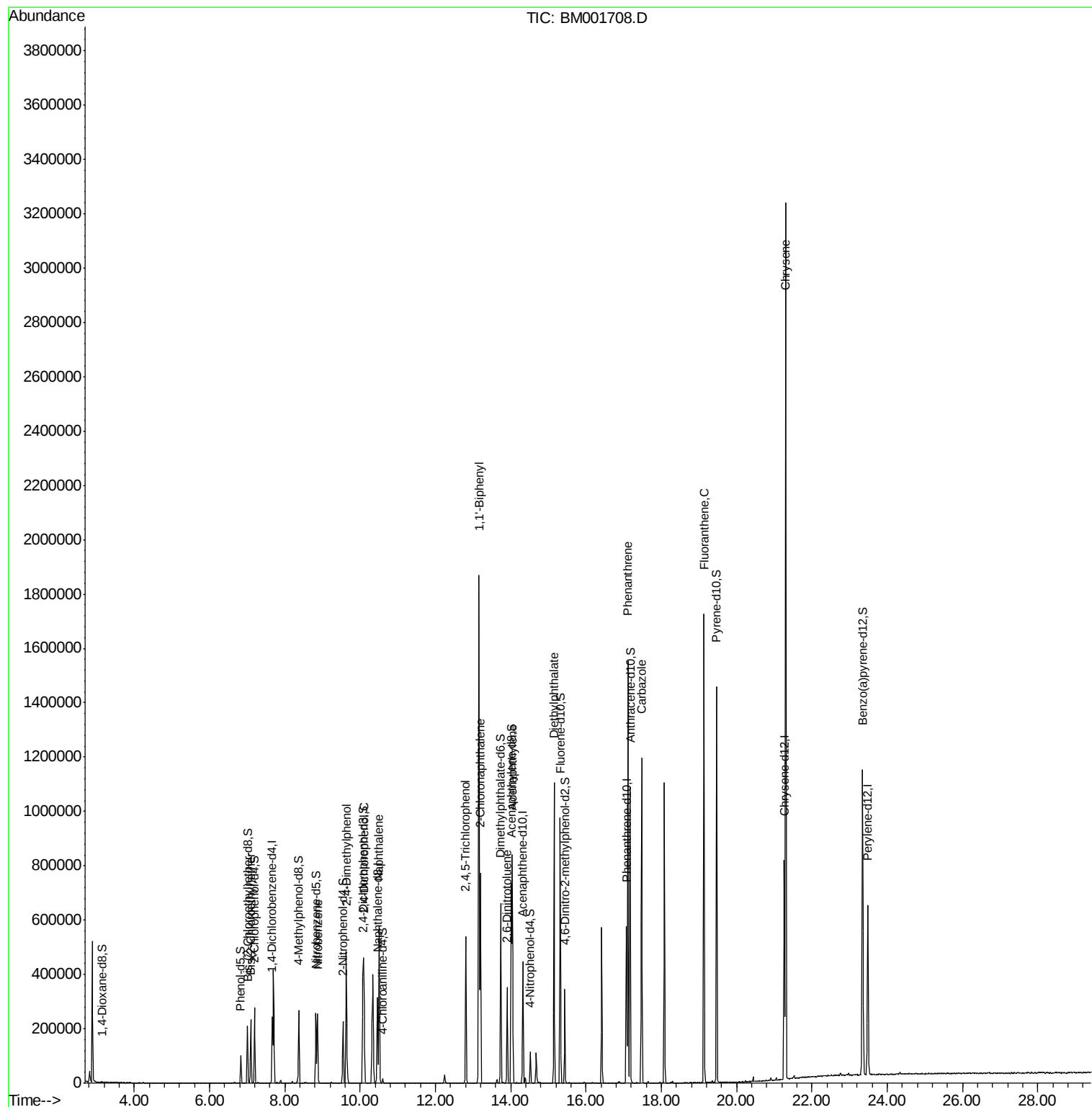
						Qvalue
8) Bis(2-Chloroethyl)ether	7.09	93	121165	32.45	ng/ul	97
20) Nitrobenzene	8.87	77	135463	29.75	ng/ul	100
24) 2,4-Dimethylphenol	9.63	107	167754	36.04	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	142858	37.41	ng/ul	95
28) Naphthalene	10.50	128	441886	36.02	ng/ul	100
39) 2,4,5-Trichlorophenol	12.80	196	134333	39.31	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	921914	78.65	ng/ul	100
41) 2-Chloronaphthalene	13.19	162	378904	41.23	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	65043	29.72	ng/ul	94
47) Acenaphthylene	14.04	152	575022	40.40	ng/ul	99
56) Diethylphthalate	15.15	149	585402	52.89	ng/ul	98
69) Phenanthrene	17.11	178	909682	49.21	ng/ul	99
74) Carbazole	17.47	167	718592	43.15	ng/ul	99
76) Fluoranthene	19.13	202	1044804	47.25	ng/ul	99
84) Chrysene	21.30	228	1558122	68.17	ng/ul	99

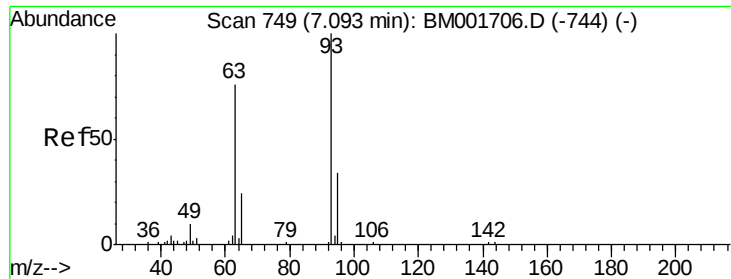
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061615\
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#8

Bis(2-Chloroethyl)ether

Concen: 32.45 ng/ul

RT: 7.09 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM001708.D

Acq: 16 Jun 2015 11:26

Instrument :

BNA_M

ClientSampleId :

X1W48

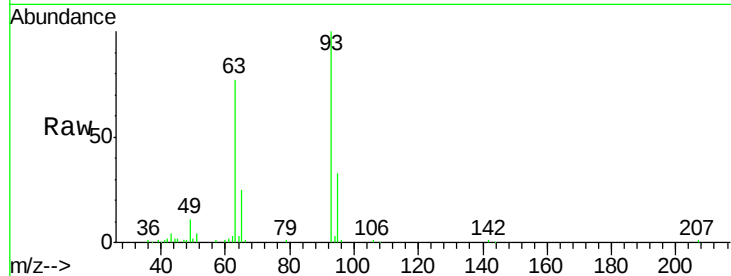
Tgt Ion: 93 Resp: 121165

Ion Ratio Lower Upper

93 100

63 76.6 58.7 88.1

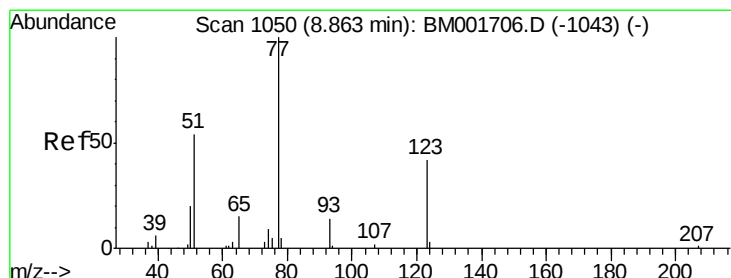
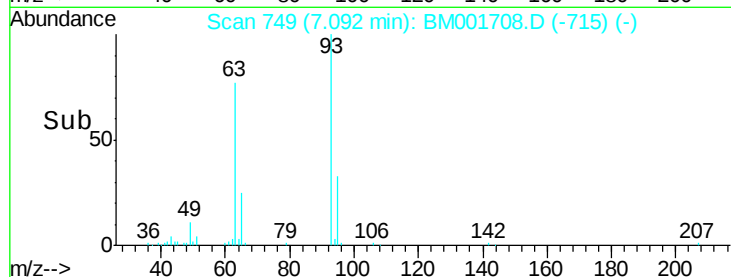
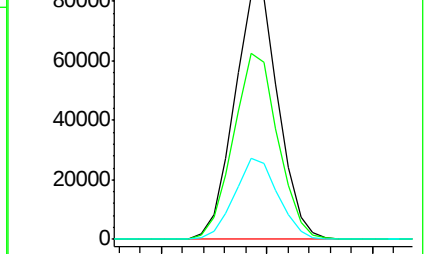
95 33.2 27.0 40.6



Abundance Ion 93.00 (92.70 to 93.70): BM001708.D (-744) (-)

Ion 63.00 (62.70 to 63.70): BM001708.D (-744) (-)

Ion 95.00 (94.70 to 95.70): BM001708.D (-744) (-)



#20

Nitrobenzene

Concen: 29.75 ng/ul

RT: 8.87 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BM001708.D

Acq: 16 Jun 2015 11:26

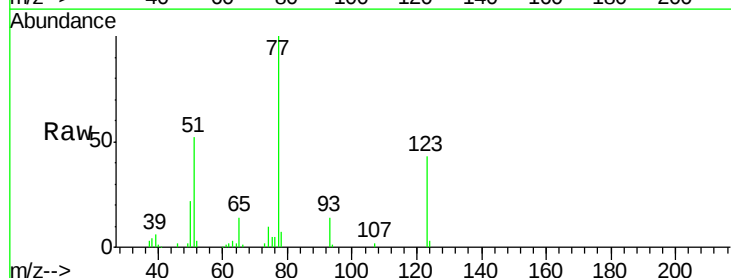
Tgt Ion: 77 Resp: 135463

Ion Ratio Lower Upper

77 100

123 42.7 34.0 51.0

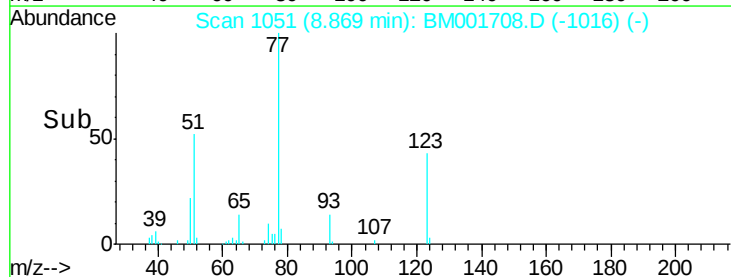
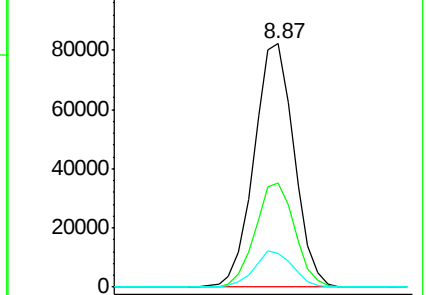
65 14.0 11.3 16.9

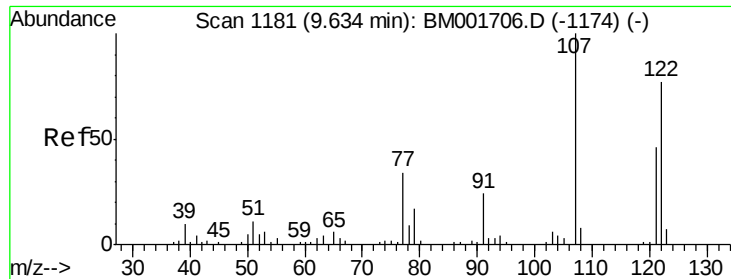


Abundance Ion 77.00 (76.70 to 77.70): BM001708.D (-1043) (-)

Ion 123.00 (122.70 to 123.70): BM001708.D (-1043) (-)

Ion 65.00 (64.70 to 65.70): BM001708.D (-1043) (-)

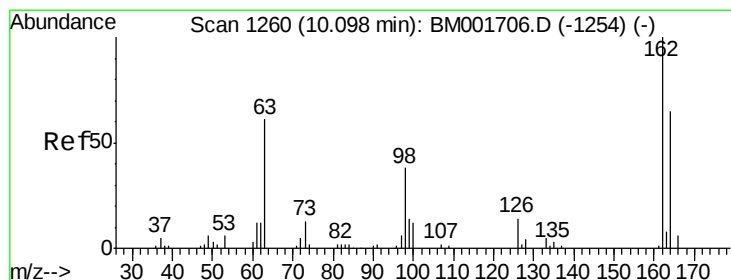
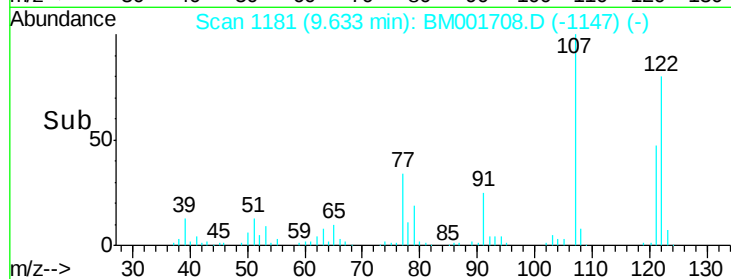
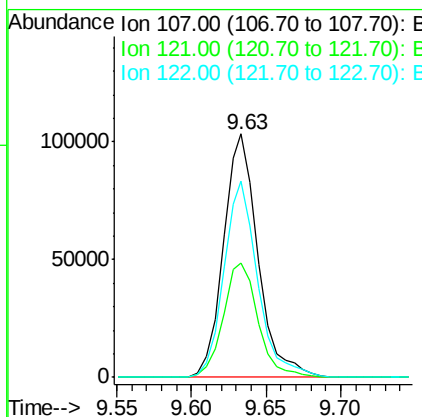
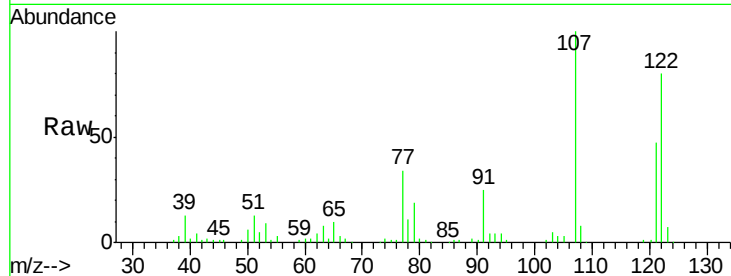




#24
 2,4-Dimethylphenol
 Concen: 36.04 ng/ul
 RT: 9.63 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BM001708.D
 Acq: 16 Jun 2015 11:26

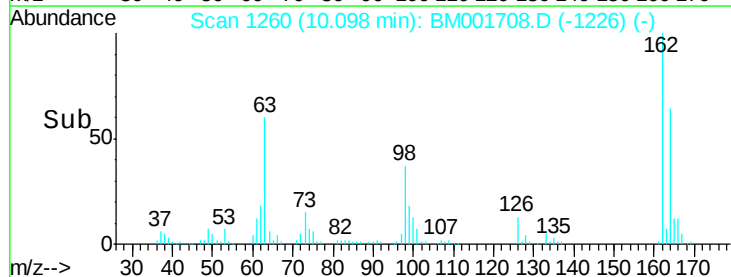
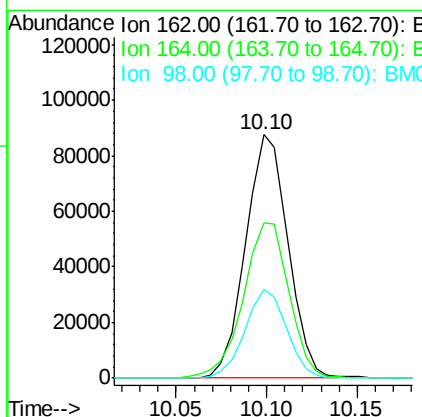
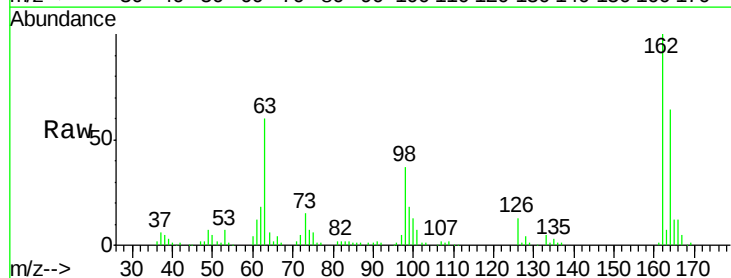
Instrument :
 BNA_M
 ClientSampleId :
 X1W48

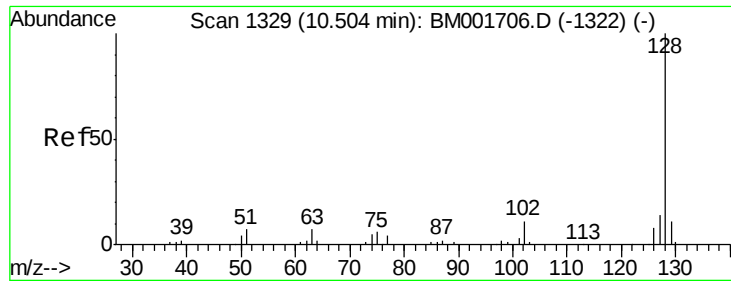
Tgt Ion:107 Resp: 167754
 Ion Ratio Lower Upper
 107 100
 121 46.8 37.4 56.2
 122 80.5 59.2 88.8



#27
 2,4-Dichlorophenol
 Concen: 37.41 ng/ul
 RT: 10.10 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BM001708.D
 Acq: 16 Jun 2015 11:26

Tgt Ion:162 Resp: 142858
 Ion Ratio Lower Upper
 162 100
 164 63.9 55.1 82.7
 98 36.6 30.8 46.2

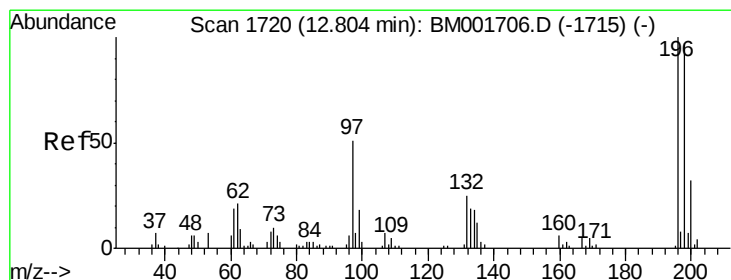
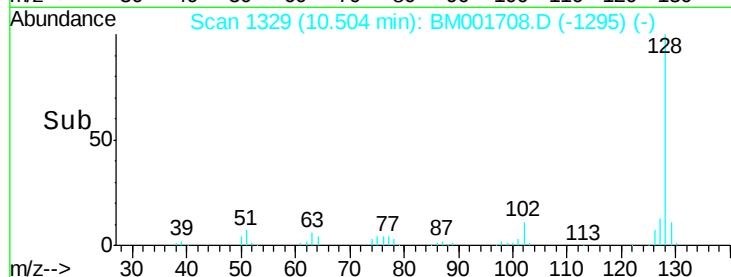
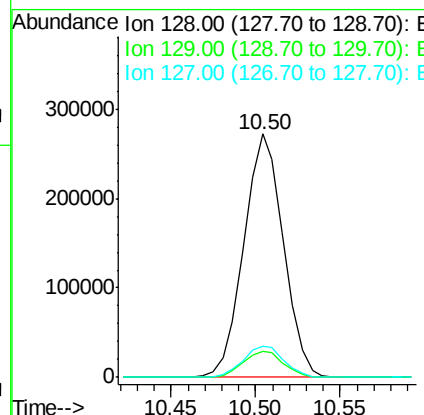
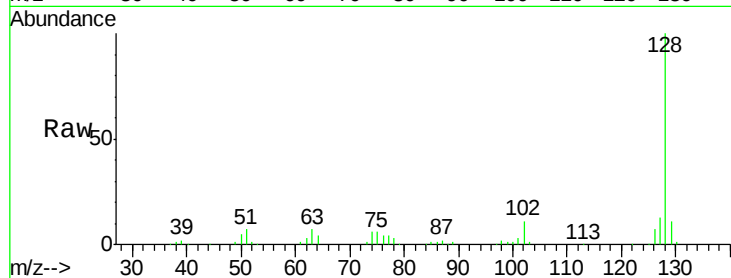




#28
Naphthalene
Concen: 36.02 ng/ul
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

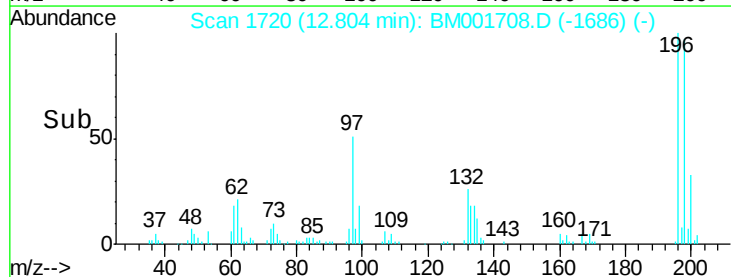
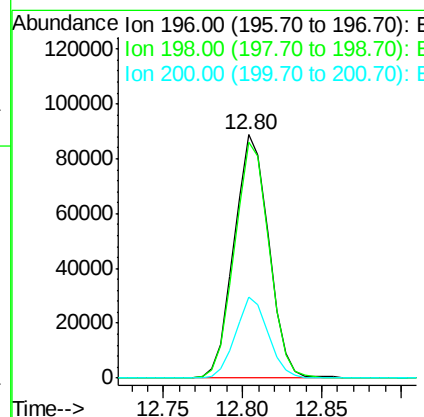
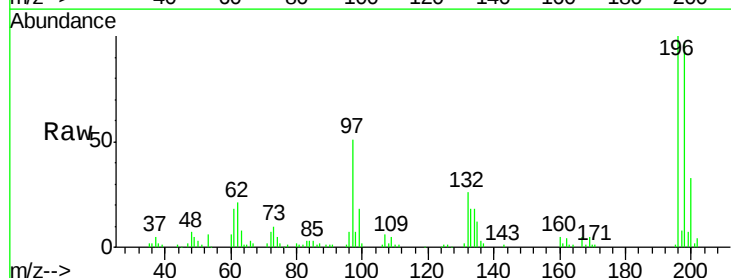
Instrument :
BNA_M
ClientSampled :
X1W48

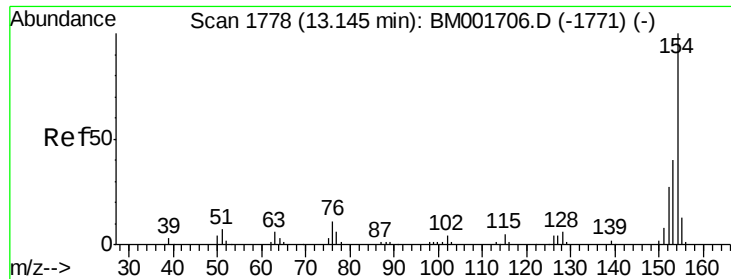
Tgt Ion:128 Resp: 441886
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.6 10.0 15.0



#39
2,4,5-Trichlorophenol
Concen: 39.31 ng/ul
RT: 12.80 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:196 Resp: 134333
Ion Ratio Lower Upper
196 100
198 96.8 79.0 118.4
200 33.2 26.2 39.4

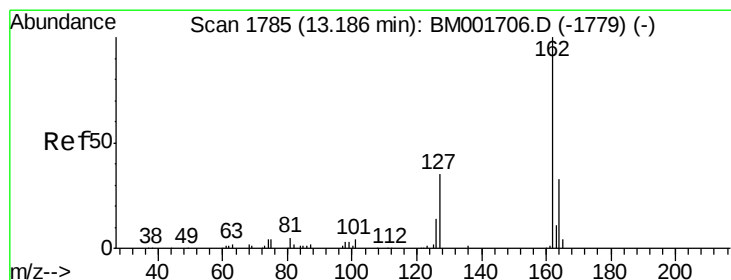
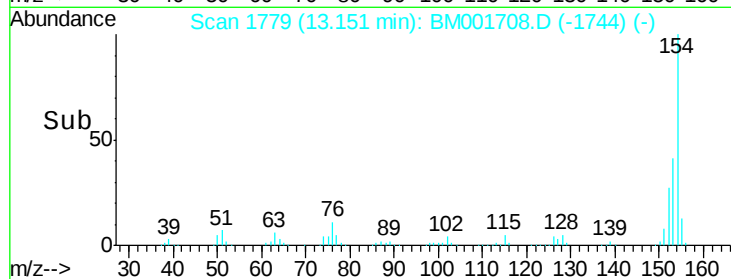
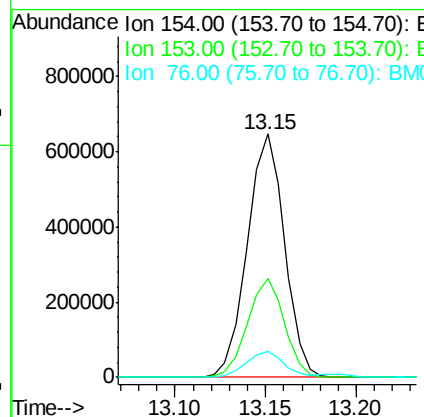
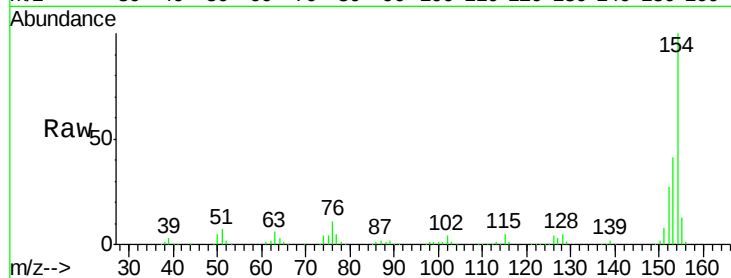




#40
 1,1'-Biphenyl
 Concen: 78.65 ng/ul
 RT: 13.15 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BM001708.D
 Acq: 16 Jun 2015 11:26

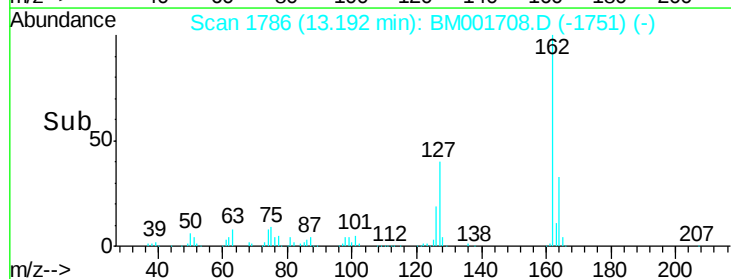
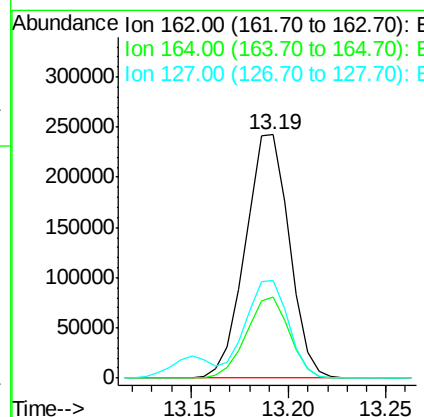
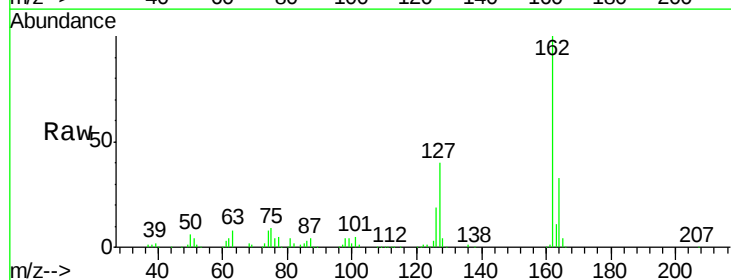
Instrument :
 BNA_M
 ClientSampleId :
 X1W48

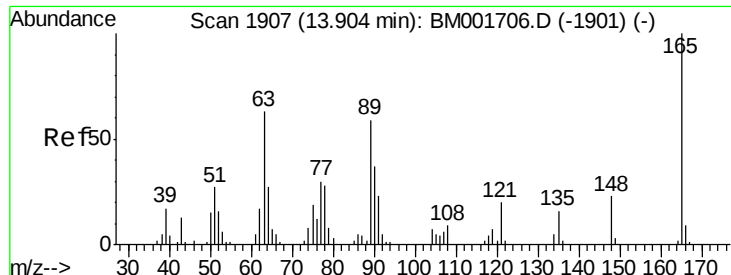
Tgt Ion:154 Resp: 921914
 Ion Ratio Lower Upper
 154 100
 153 40.7 32.5 48.7
 76 10.8 9.0 13.6



#41
 2-Chloronaphthalene
 Concen: 41.23 ng/ul
 RT: 13.19 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BM001708.D
 Acq: 16 Jun 2015 11:26

Tgt Ion:162 Resp: 378904
 Ion Ratio Lower Upper
 162 100
 164 33.2 27.2 40.8
 127 40.0 32.6 49.0

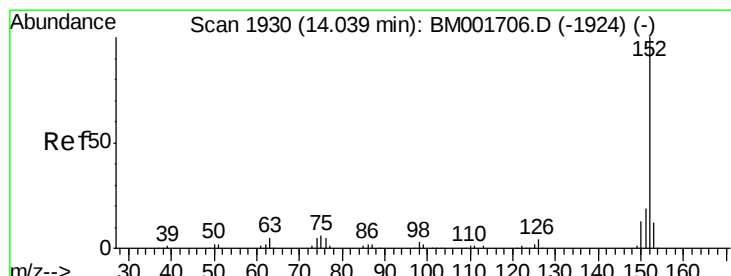
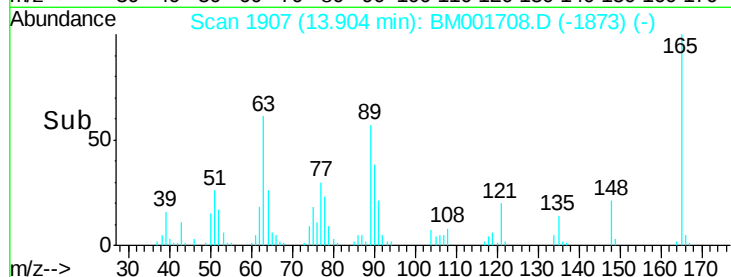
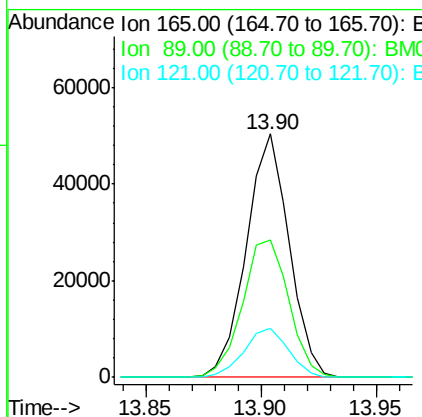
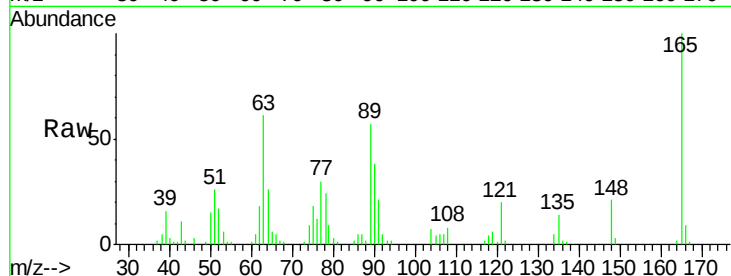




#45
2,6-Dinitrotoluene
Concen: 29.72 ng/ul
RT: 13.90 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

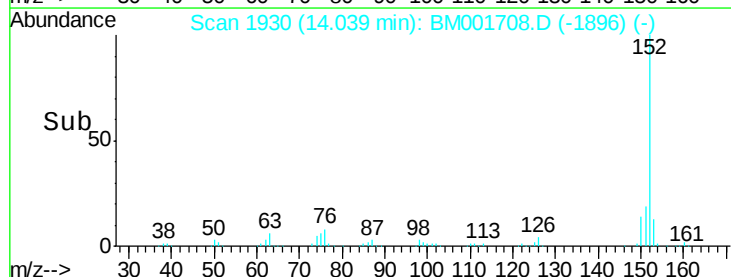
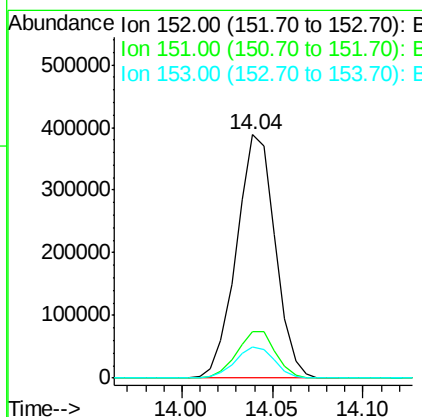
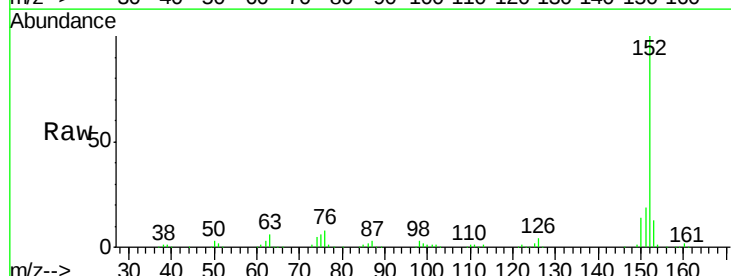
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BNA_M
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X1W48

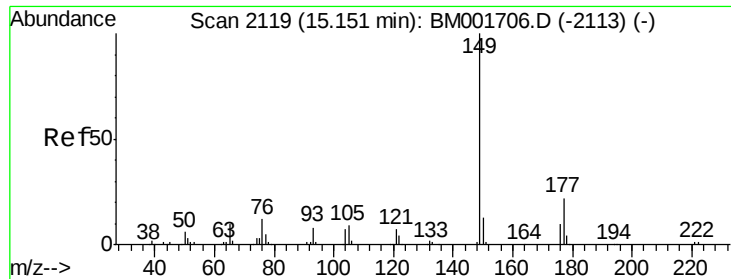
Tgt Ion	Ratio	Lower	Upper
165	100		
89	56.7	49.1	73.7
121	20.1	17.4	26.2



#47
Acenaphthylene
Concen: 40.40 ng/ul
RT: 14.04 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	12.8	10.0	15.0

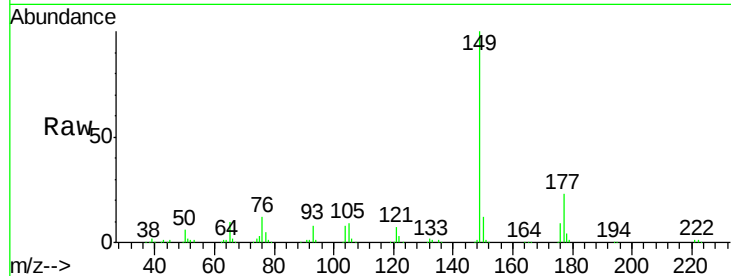




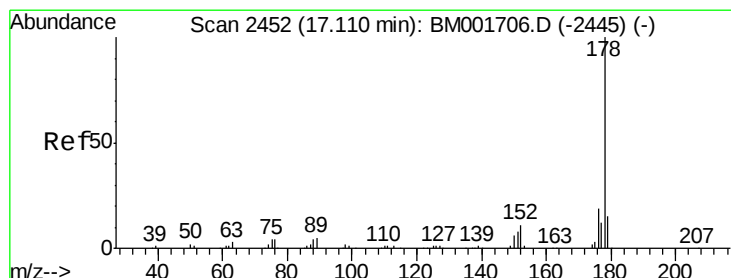
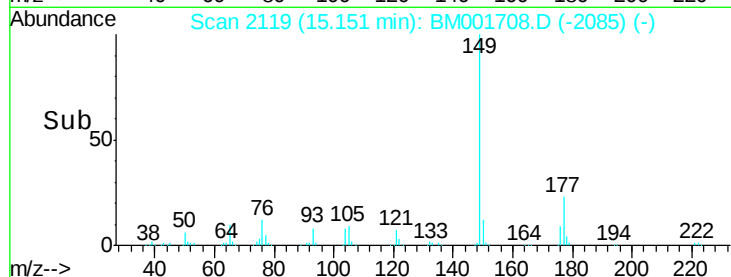
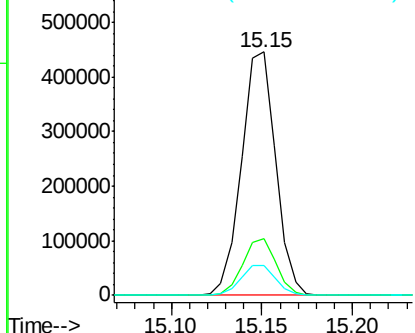
#56
Diethylphthalate
Concen: 52.89 ng/ul
RT: 15.15 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:149 Resp: 585402
Ion Ratio Lower Upper
149 100
177 23.1 17.3 25.9
150 12.4 10.1 15.1

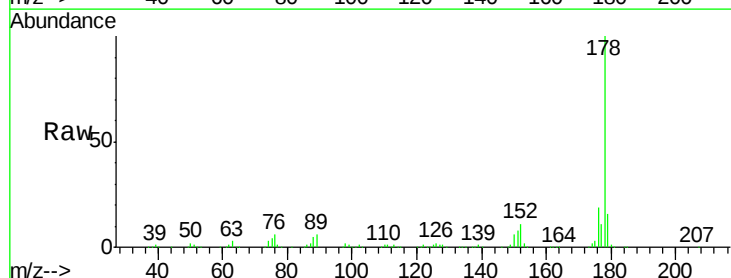


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

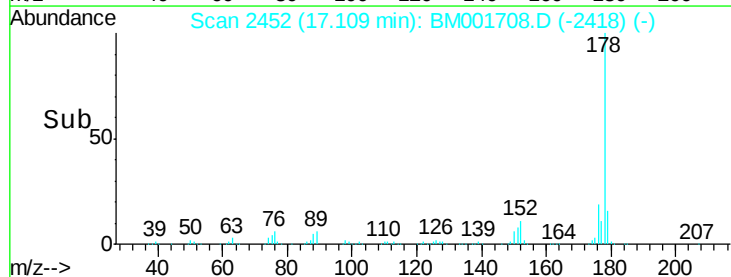
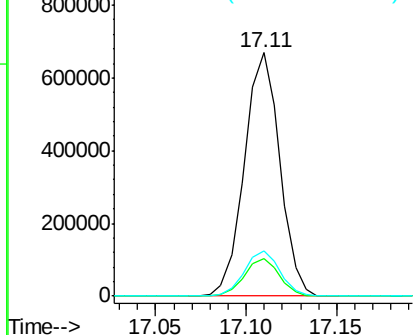


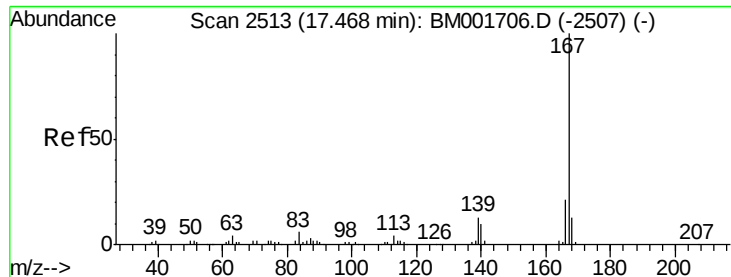
#69
Phenanthrene
Concen: 49.21 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:178 Resp: 909682
Ion Ratio Lower Upper
178 100
179 15.5 11.9 17.9
176 18.6 15.2 22.8



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





#74

Carbazole

Concen: 43.15 ng/ul

RT: 17.47 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BM001708.D

Acq: 16 Jun 2015 11:26

Instrument :

BNA_M

ClientSampleId :

X1W48

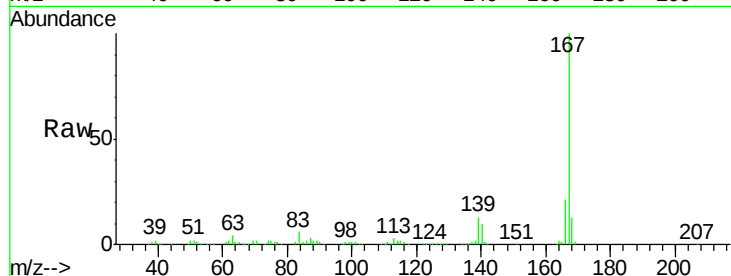
Tgt Ion:167 Resp: 718592

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

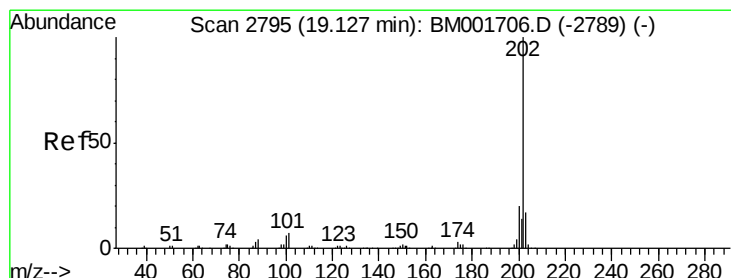
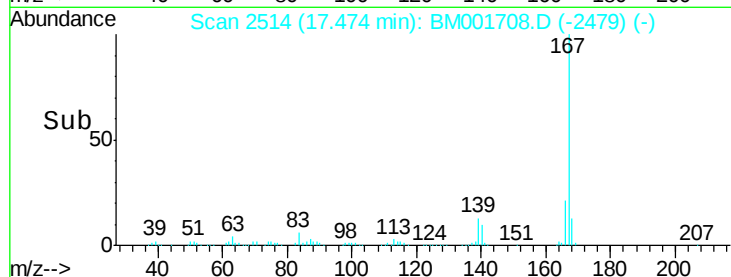
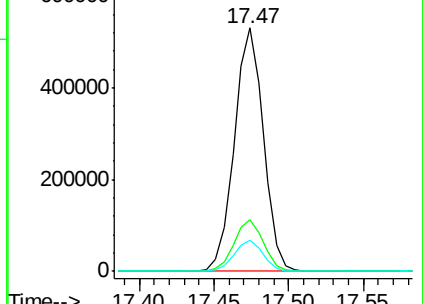
139 13.0 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 47.25 ng/ul

RT: 19.13 min Scan# 2795

Delta R.T. -0.00 min

Lab File: BM001708.D

Acq: 16 Jun 2015 11:26

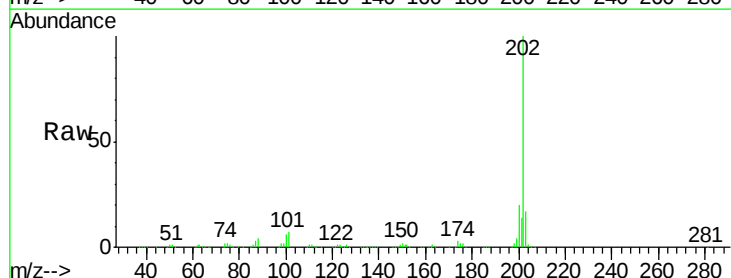
Tgt Ion:202 Resp: 1044804

Ion Ratio Lower Upper

202 100

101 7.4 6.1 9.1

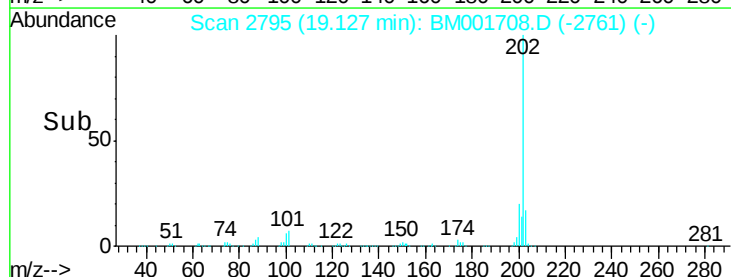
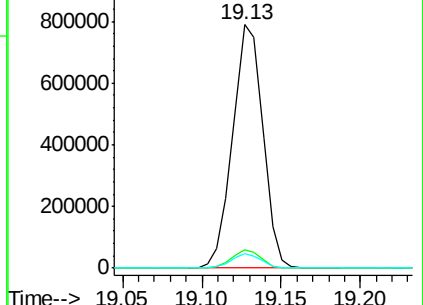
100 5.7 4.8 7.2

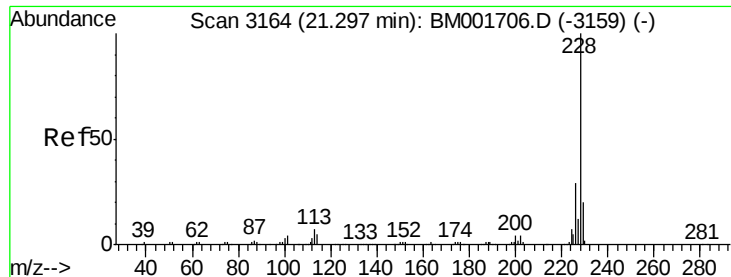


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#84

Chrysene

Concen: 68.17 ng/ul

RT: 21.30 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM001708.D

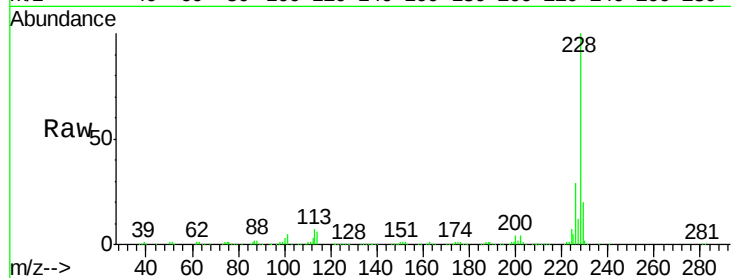
Acq: 16 Jun 2015 11:26

Instrument :

BNA_M

ClientSampleId :

X1W48



Tgt Ion:228 Resp: 1558122

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.4

229 19.9 15.4 23.2

