

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003162.D
 Acq On : 17 Nov 2015 02:50
 Operator : UM/IZ
 Sample : G4323-32MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 17 04:02:02 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 02:43:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	163261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	747173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	416420	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	839415	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	758180	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	756460	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10857	3.13	ng/uL	0.00
5) Phenol-d5	6.90	99	216368	16.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	126630	16.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	187960	17.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	152651	14.67	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	93651	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	100969	21.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	179866	17.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	125610	9.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	588165	18.77	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	660363	16.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	87193	16.51	ng/ul	0.00
58) Fluorene-d10	15.39	176	461872	17.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	64203	16.52	ng/ul	0.00
71) Anthracene-d10	17.23	188	592867	15.93	ng/ul	0.00
79) Pyrene-d10	19.53	212	564526	15.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	482759	13.43	ng/ul	0.00

Target Compounds

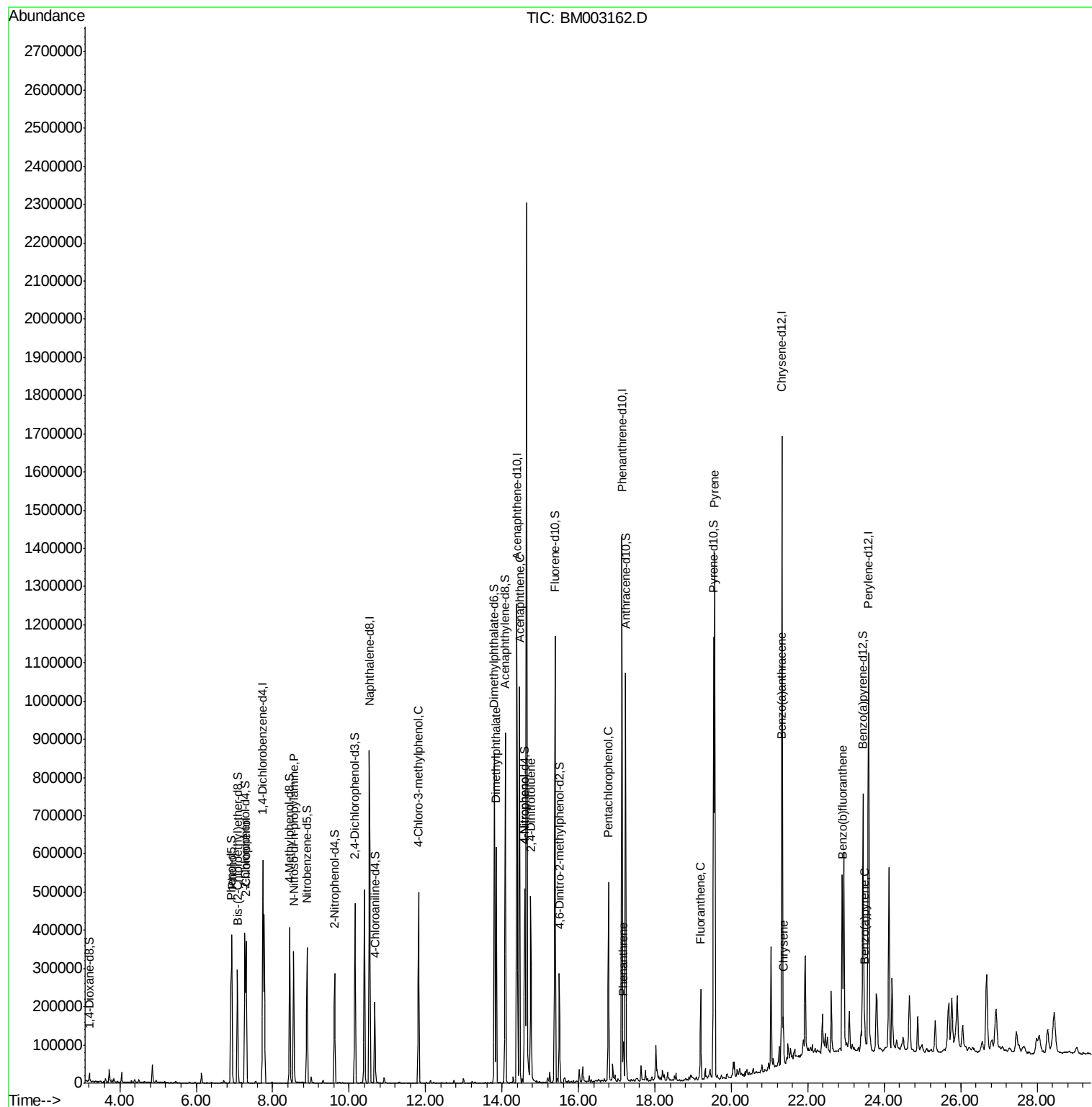
						Ovalue
6) Phenol	6.93	94	217090	16.34	ng/ul	93
10) 2-Chlorophenol	7.30	128	177169	15.69	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	129268	16.52	ng/ul	92
33) 4-Chloro-3-methylphenol	11.82	107	177354	15.80	ng/ul	96
45) Dimethylphthalate	13.84	163	398148	12.47	ng/ul	99
50) Acenaphthene	14.46	153	421586	14.77	ng/ul	99
53) 4-Nitrophenol	14.60	109	64253	16.01	ng/ul#	73
55) 2,4-Dinitrotoluene	14.76	165	142984	19.47	ng/ul	94
69) Pentachlorophenol	16.79	266	84689	15.25	ng/ul	97
70) Phenanthrene	17.18	178	65535	1.38	ng/ul	99
77) Fluoranthene	19.20	202	133634	2.78	ng/ul	95
80) Pyrene	19.56	202	787837	15.88	ng/ul#	94
83) Benzo(a)anthracene	21.31	228	51327	1.23	ng/ul	95
85) Chrysene	21.36	228	63241	1.54	ng/ul	98
88) Benzo(b)fluoranthene	22.91	252	84336	1.94	ng/ul	97
91) Benzo(a)pyrene	23.49	252	52676	1.28	ng/ul	95

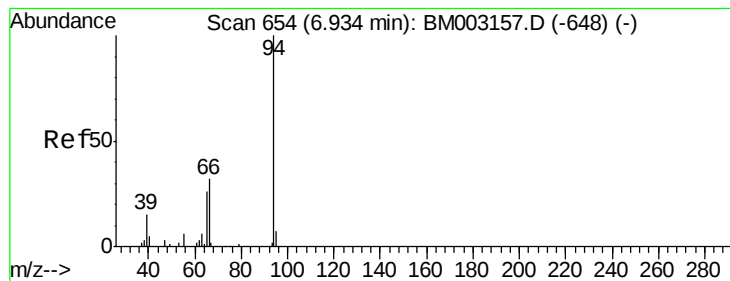
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 02:43:56 2015
Response via : Initial Calibration





#6

Phenol

Concen: 16.34 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM003162.D

Acq: 17 Nov 2015 02:50

Instrument :

BNA_M

ClientSampleId :

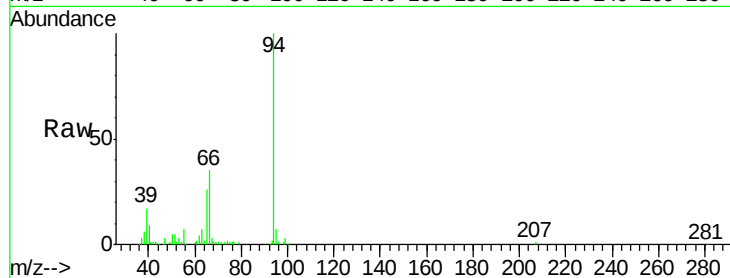
Tot Ion: 94 Resp: 217090

Ion Ratio Lower Upper

94 100

65 25.6 18.7 28.1

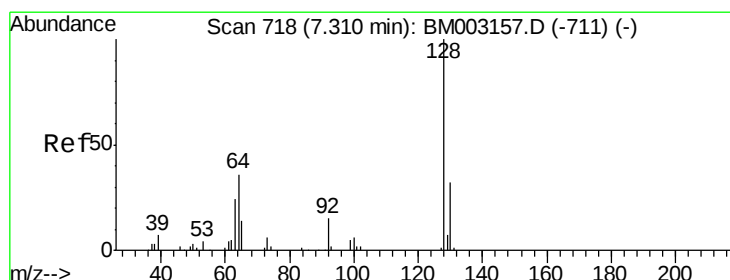
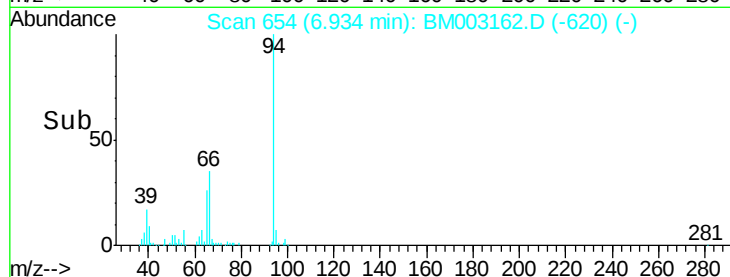
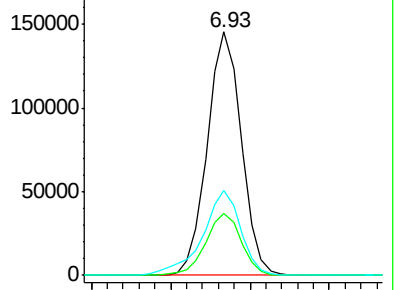
66 35.1 24.2 36.2



Abundance Ion 94.00 (93.70 to 94.70): BM003157.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM003157.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM003157.D (-648) (-)



#10

2-Chlorophenol

Concen: 15.69 ng/ul

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BM003162.D

Acq: 17 Nov 2015 02:50

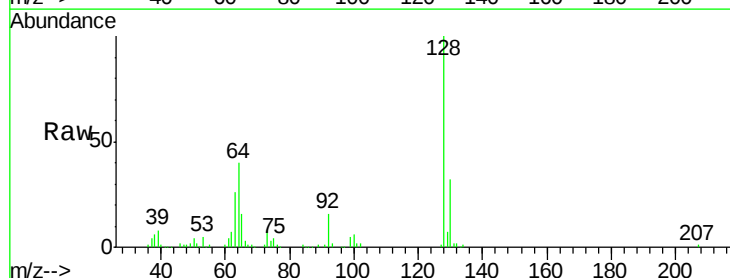
Tgt Ion: 128 Resp: 177169

Ion Ratio Lower Upper

128 100

64 39.9 32.2 48.4

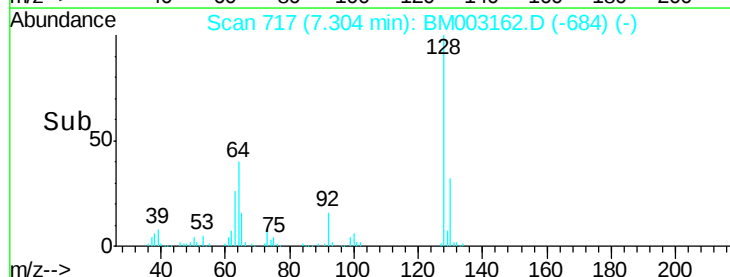
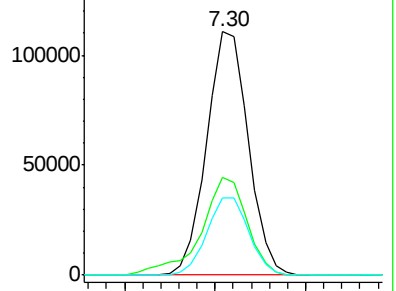
130 31.9 26.7 40.1

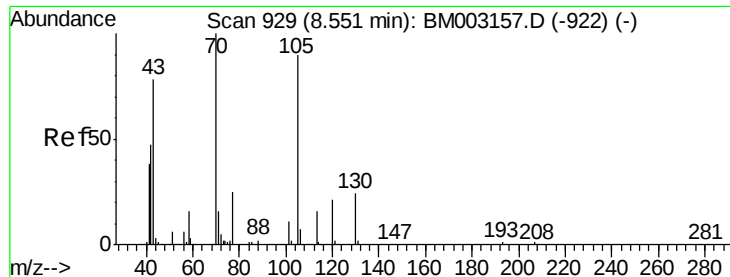


Abundance Ion 128.00 (127.70 to 128.70): BM003157.D (-711) (-)

Ion 64.00 (63.70 to 64.70): BM003157.D (-711) (-)

Ion 130.00 (129.70 to 130.70): BM003157.D (-711) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 16.52 ng/ul

RT: 8.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM003162.D

Acq: 17 Nov 2015 02:50

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 129268

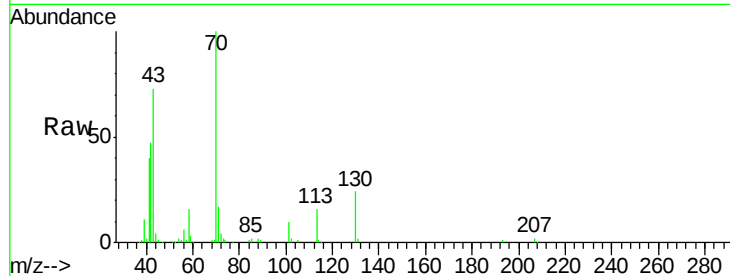
Ion Ratio Lower Upper

70 100

42 47.0 43.5 65.3

101 10.3 9.0 13.4

130 24.4 21.4 32.2

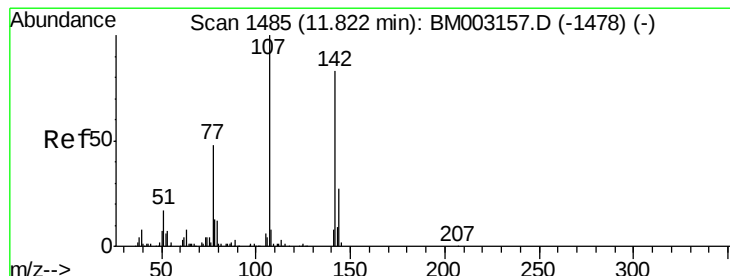
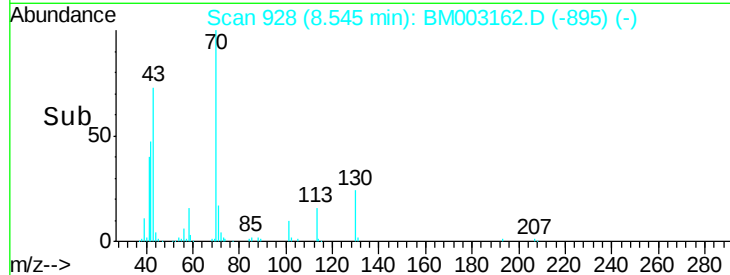
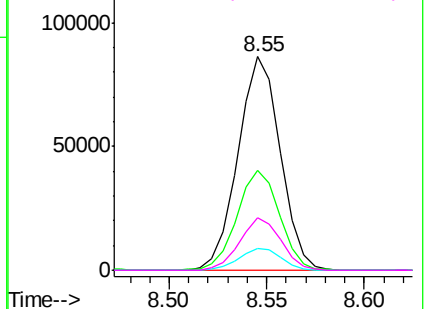


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 15.80 ng/ul

RT: 11.82 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM003162.D

Acq: 17 Nov 2015 02:50

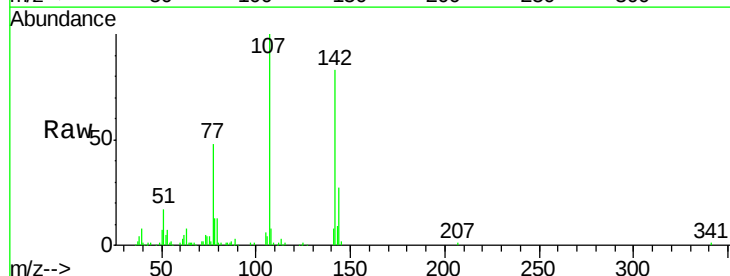
Tgt Ion: 107 Resp: 177354

Ion Ratio Lower Upper

107 100

144 26.6 22.8 34.2

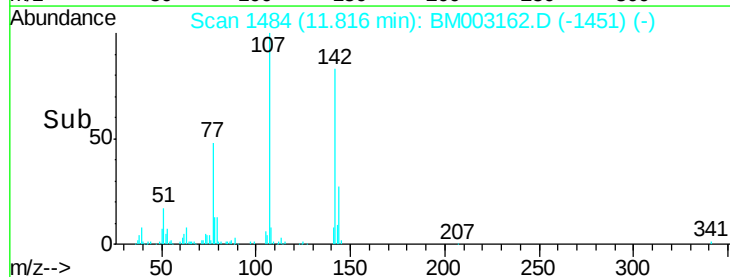
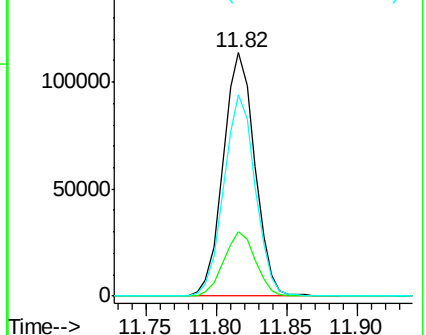
142 82.5 69.5 104.3

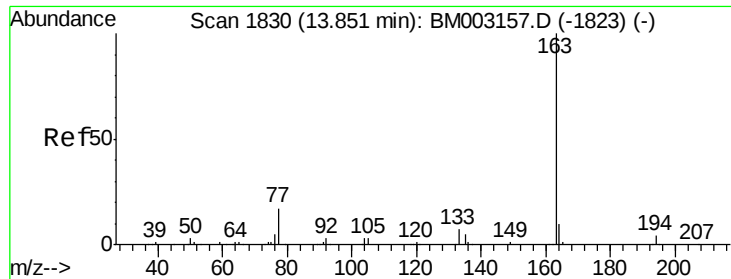


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 12.47 ng/ul

RT: 13.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM003162.D

Acq: 17 Nov 2015 02:50

Instrument :

BNA_M

ClientSampleId :

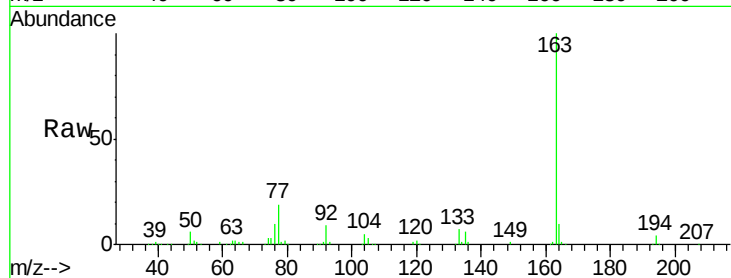
Tot Ion:163 Resp: 398148

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

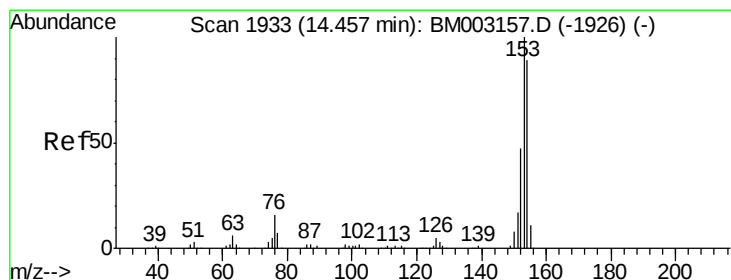
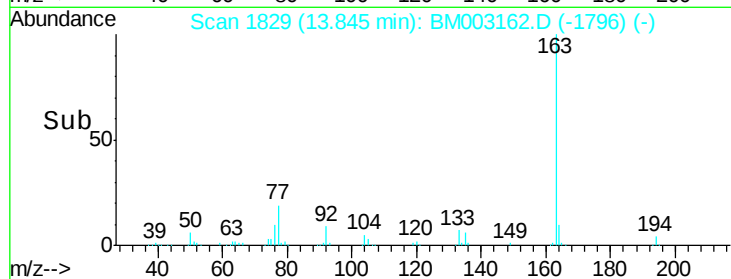
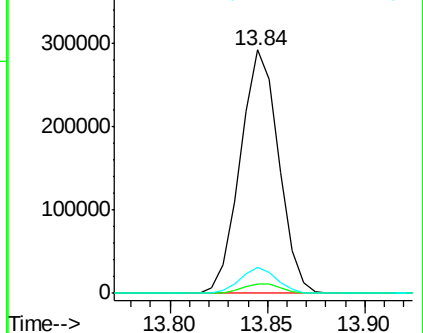
164 10.4 7.8 11.8



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: 14.77 ng/ul

RT: 14.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BM003162.D

Acq: 17 Nov 2015 02:50

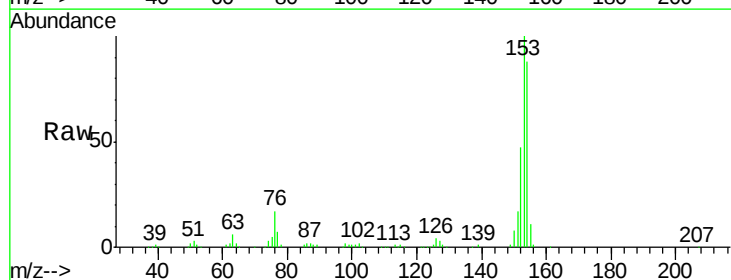
Tgt Ion:153 Resp: 421586

Ion Ratio Lower Upper

153 100

152 47.3 37.0 55.6

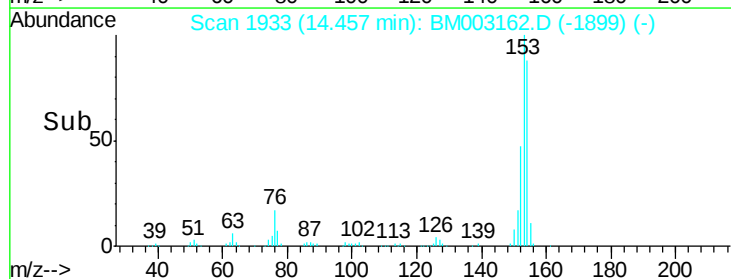
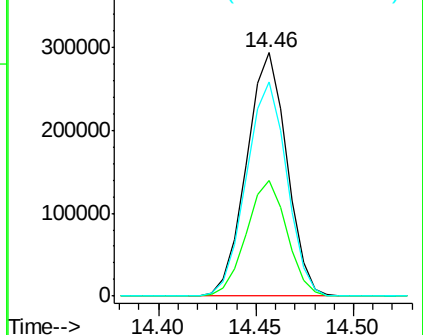
154 88.1 71.0 106.4

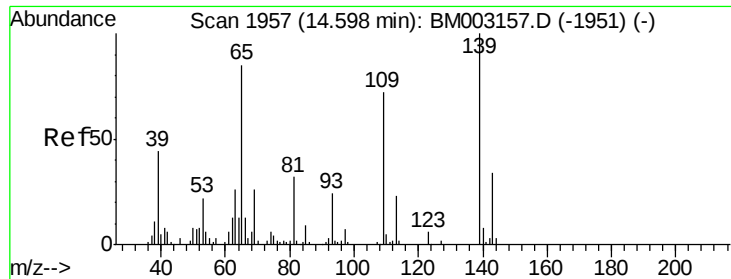


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 16.01 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM003162.D

Acq: 17 Nov 2015 02:50

Instrument :

BNA_M

ClientSampleId :

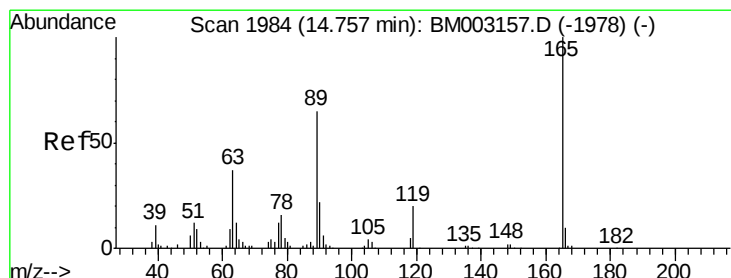
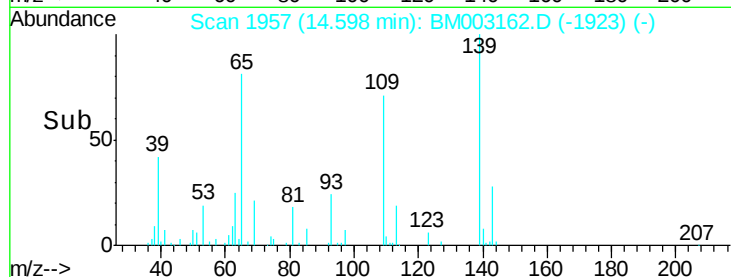
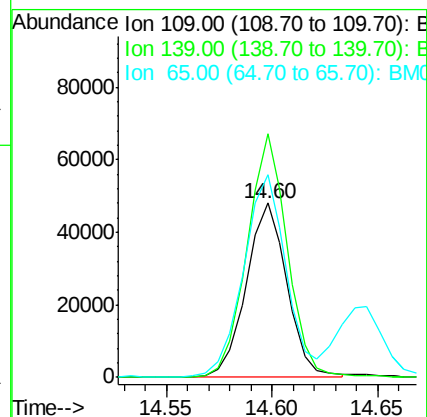
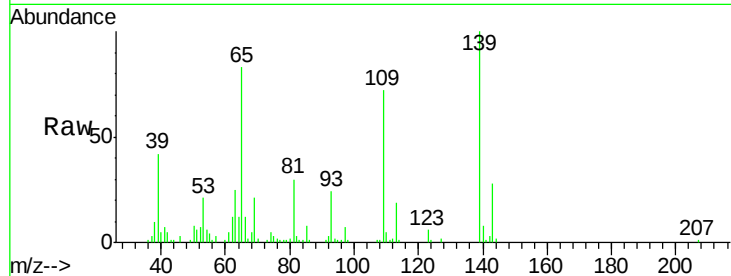
Tot Ion:109 Resp: 64253

Ion Ratio Lower Upper

109 100

139 139.8 150.3 225.5#

65 116.1 110.4 165.6



#55

2,4-Dinitrotoluene

Concen: 19.47 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BM003162.D

Acq: 17 Nov 2015 02:50

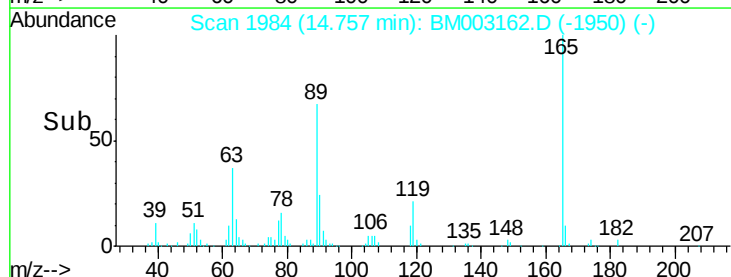
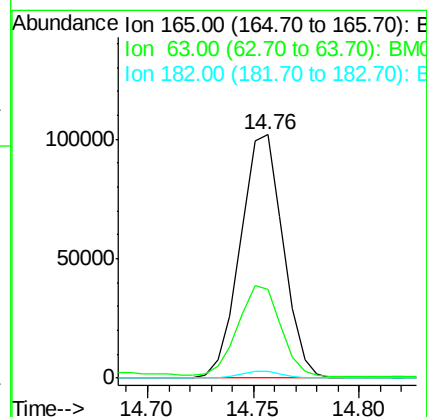
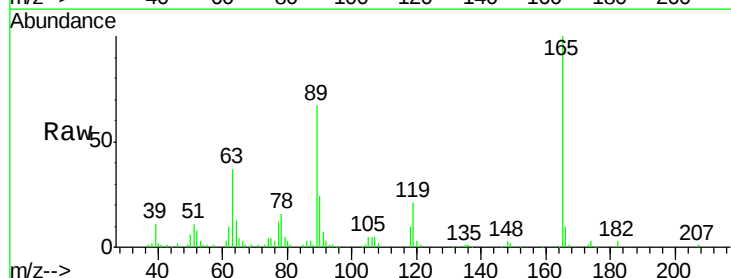
Tgt Ion:165 Resp: 142984

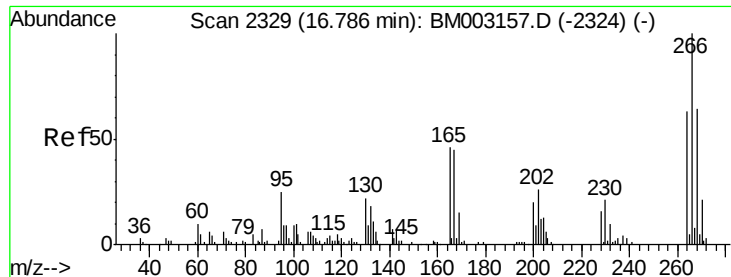
Ion Ratio Lower Upper

165 100

63 36.6 26.2 39.2

182 2.8 2.2 3.4

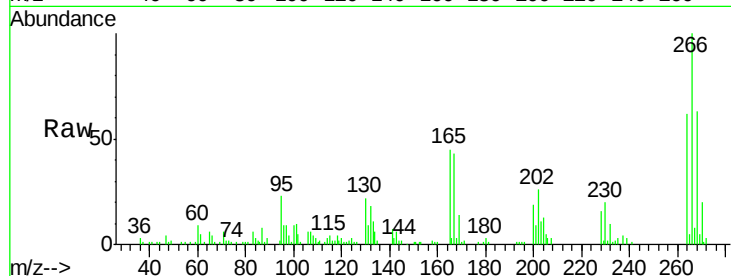




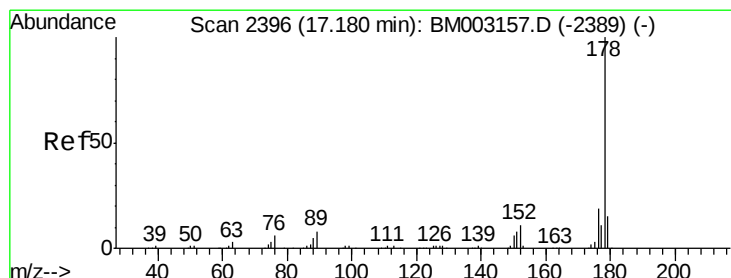
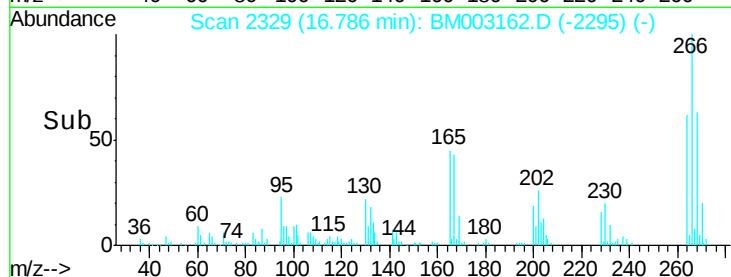
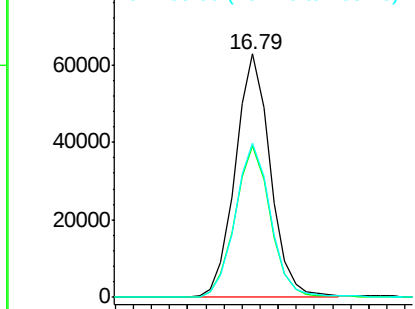
#69
 Pentachlorophenol
 Concen: 15.25 ng/ul
 RT: 16.79 min Scan# 2329
 Delta R.T. -0.00 min
 Lab File: BM003162.D
 Acq: 17 Nov 2015 02:50

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 84689
 Ion Ratio Lower Upper
 266 100
 264 62.1 52.0 78.0
 268 63.4 49.7 74.5

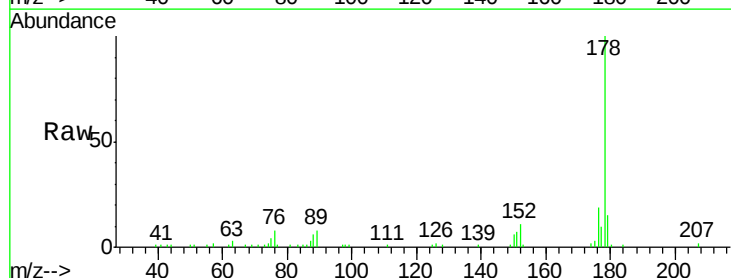


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

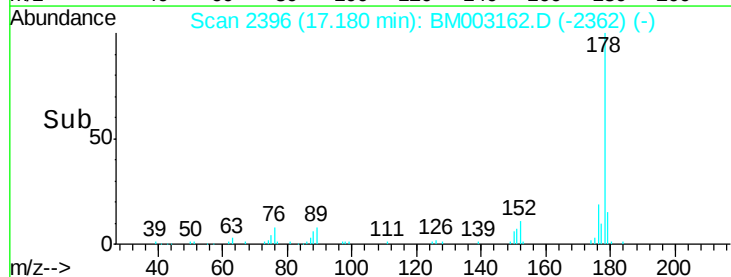
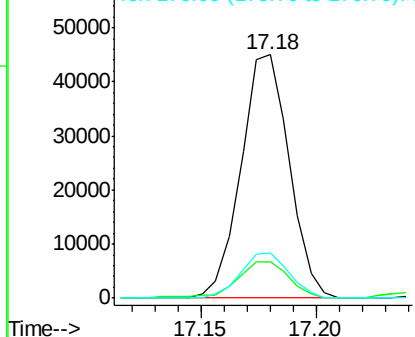


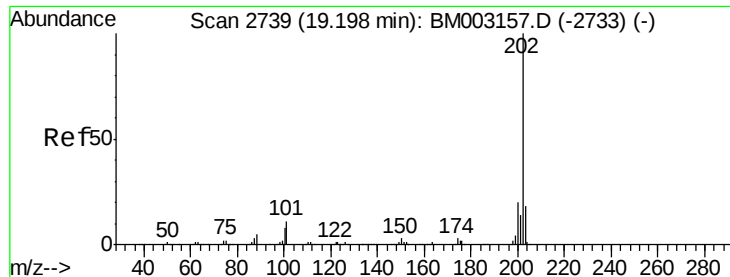
#70
 Phenanthrene
 Concen: 1.38 ng/ul
 RT: 17.18 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BM003162.D
 Acq: 17 Nov 2015 02:50

Tgt Ion:178 Resp: 65535
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.2 18.4
 176 18.8 14.7 22.1



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

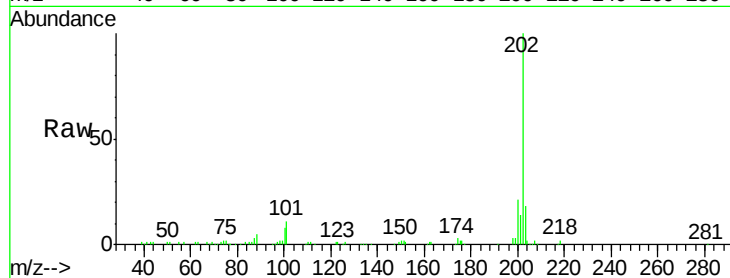




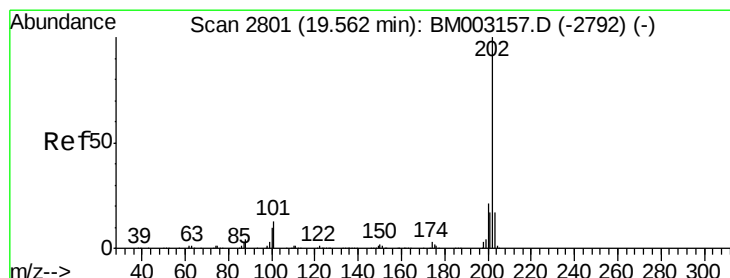
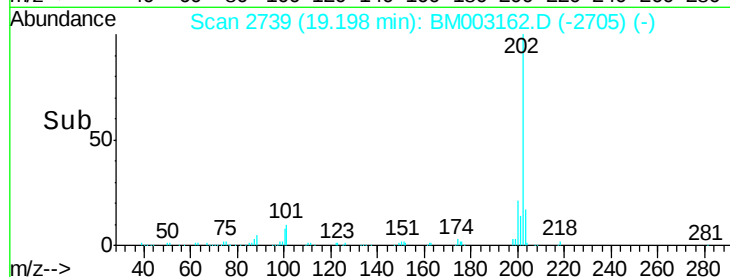
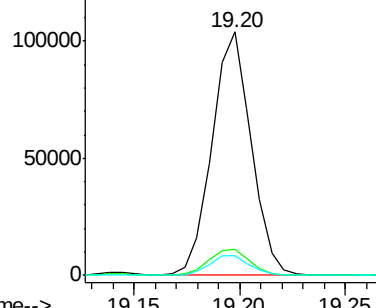
#77
Fluoranthene
 Concen: 2.78 ng/ul
 RT: 19.20 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: BM003162.D
 Acq: 17 Nov 2015 02:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.4	15.6
100	8.2	7.8	11.6

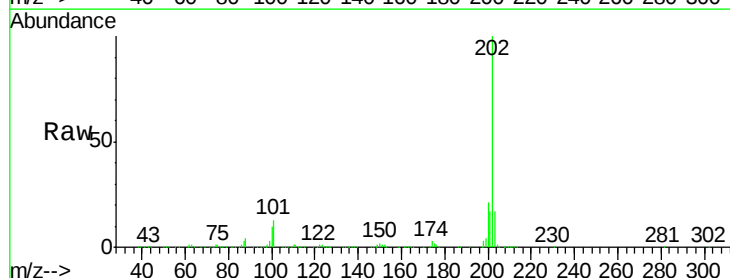


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

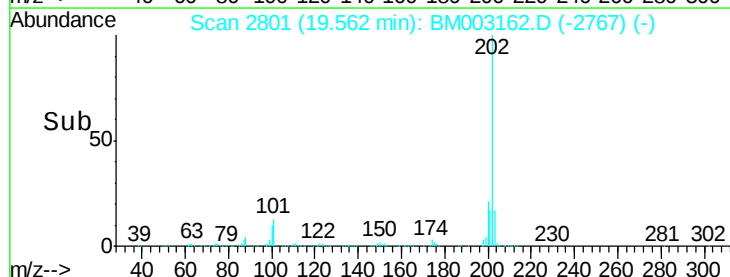
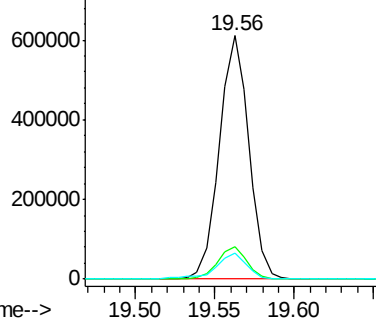


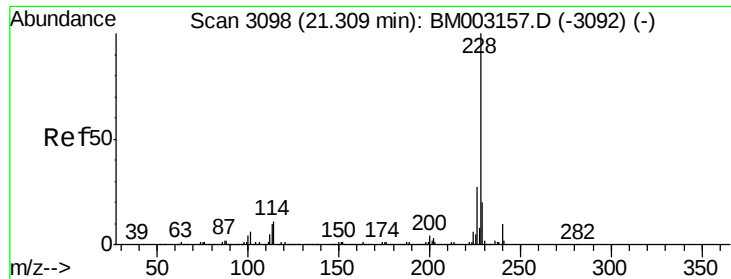
#80
Pyrene
 Concen: 15.88 ng/ul
 RT: 19.56 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM003162.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	12.6	18.8
100	10.5	10.6	15.8#



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

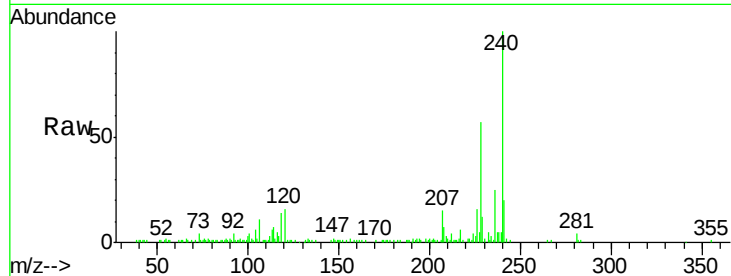




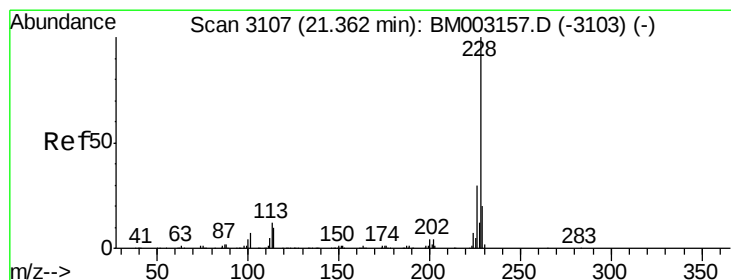
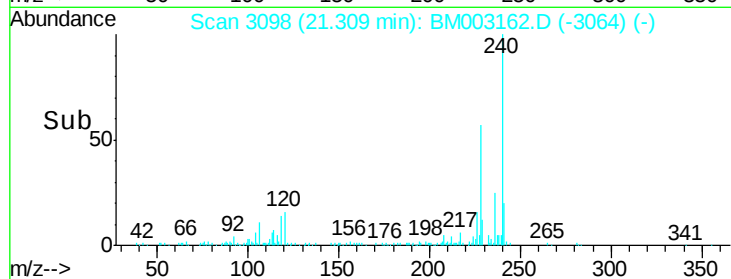
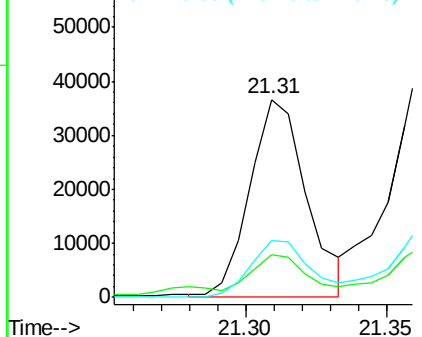
#83
Benzo(a)anthracene
Concen: 1.23 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 51327
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 28.8 21.0 31.6

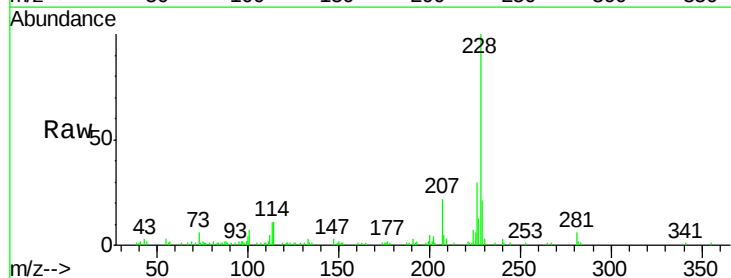


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

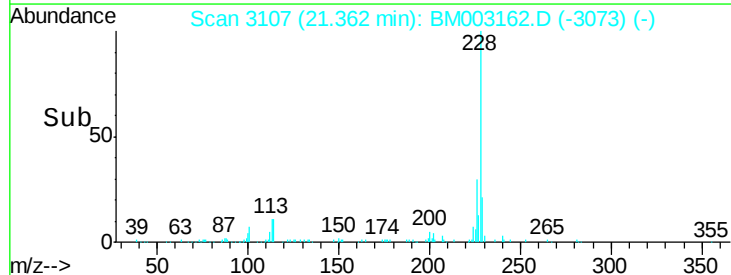
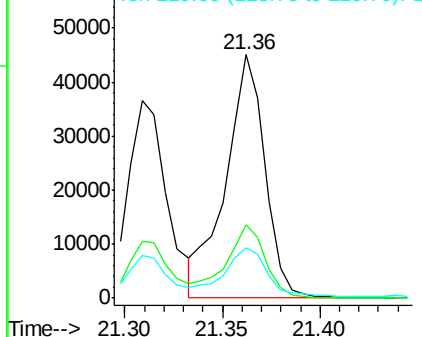


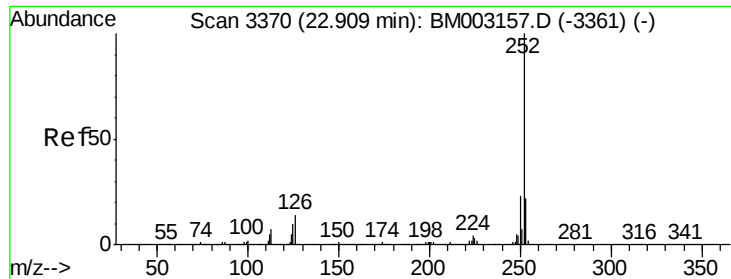
#85
Chrysene
Concen: 1.54 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion:228 Resp: 63241
Ion Ratio Lower Upper
228 100
226 30.1 23.3 34.9
229 20.6 15.8 23.6



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

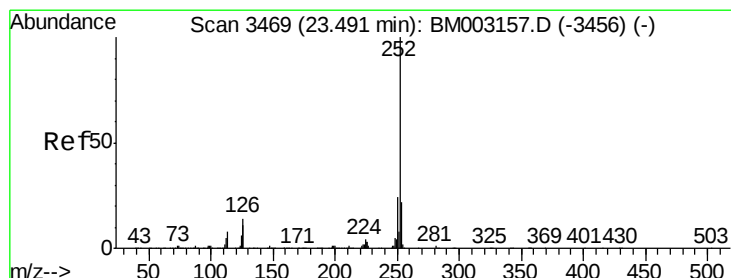
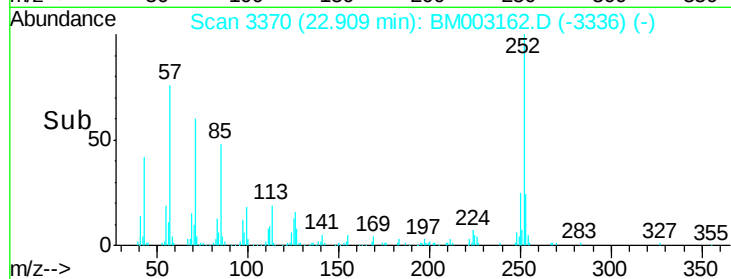
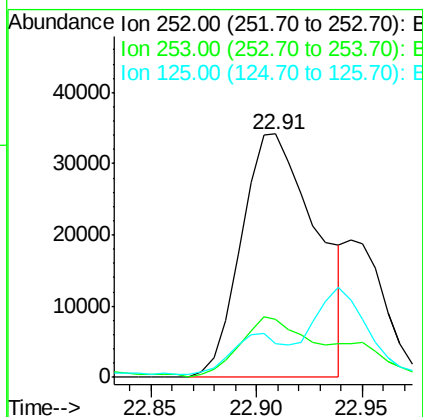
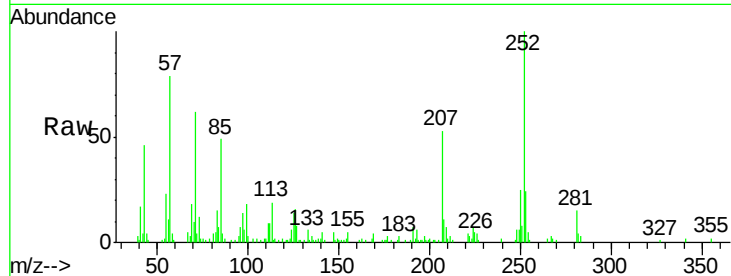




#88
Benzo(b)fluoranthene
Concen: 1.94 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	14.1	10.7	16.1



#91
Benzo(a)pyrene
Concen: 1.28 ng/ul
RT: 23.49 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	13.5	11.9	17.9

