

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041615\
 Data File : BM001017.D
 Acq On : 16 Apr 2015 12:08
 Operator : TP/IZ
 Sample : G1749-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1N61

Quant Time: Apr 16 15:24:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 16 14:58:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	283632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1178244	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	651664	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1356023	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1301129	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	1204806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	11224	1.84	ng/uL	0.00
5) Phenol-d5	6.76	99	247964	10.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	422801	30.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	508317	28.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	396932	22.05	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	255287	32.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	282749	31.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	504491	29.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	61364	3.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1561222	35.96	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	2037732	32.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	78373	9.09	ng/ul	0.00
57) Fluorene-d10	15.24	176	1425587	33.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	232998	30.15	ng/ul	0.00
70) Anthracene-d10	17.09	188	2155709	35.11	ng/ul	0.00
76) Pyrene-d10	19.39	212	2247917	37.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1955461	36.26	ng/ul	0.00

Target Compounds

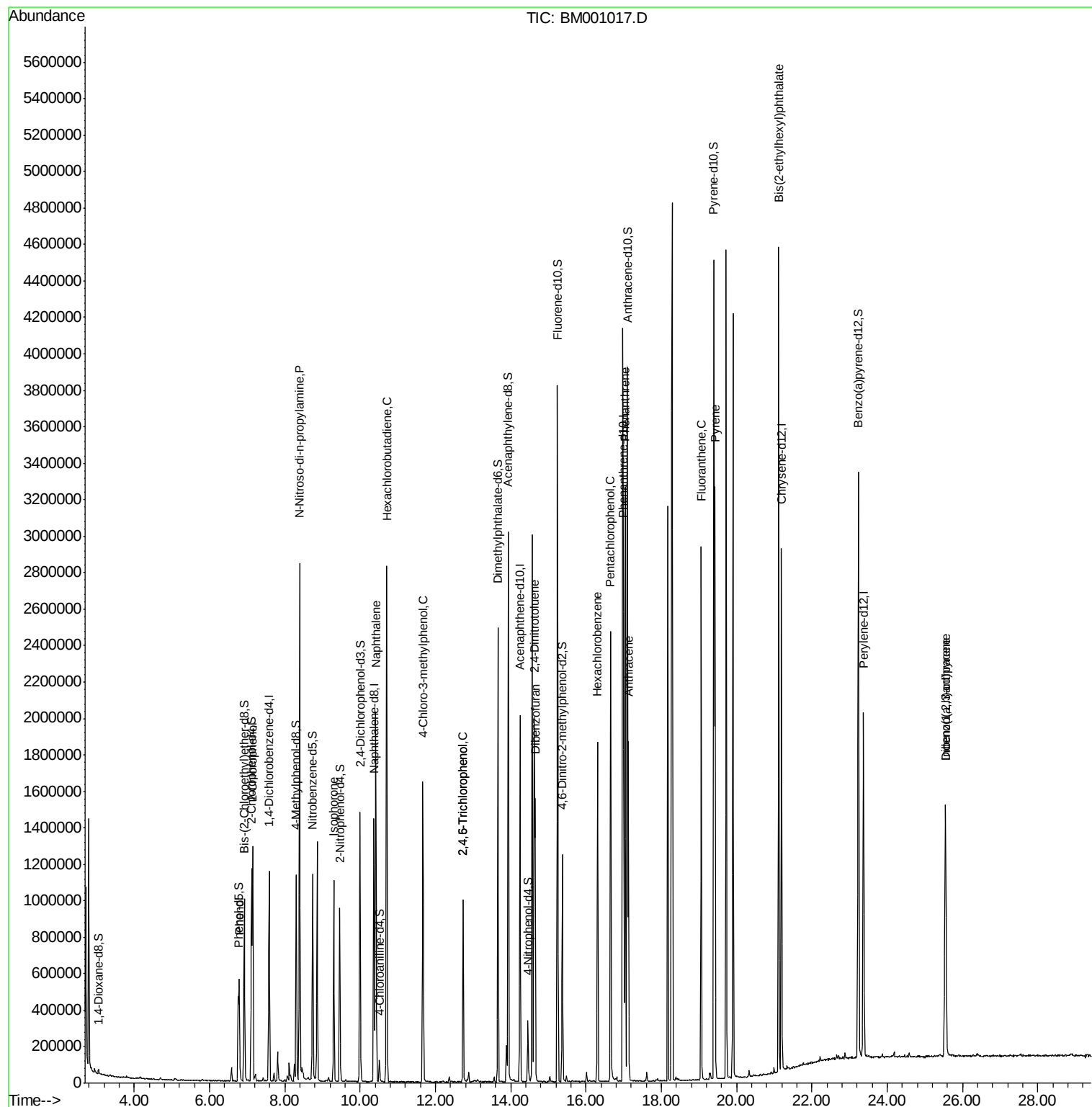
						Qvalue
6) Phenol	6.79	94	268197	11.18	ng/ul	100
10) 2-Chlorophenol	7.15	128	522100	27.42	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.39	70	893122	63.41	ng/ul	99
21) Isophorone	9.30	82	735902	20.27	ng/ul	99
28) Naphthalene	10.42	128	1581090	25.88	ng/ul	100
31) Hexachlorobutadiene	10.70	225	575497	55.49	ng/ul	99
33) 4-Chloro-3-methylphenol	11.66	107	547912	30.90	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	244817	19.91	ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	244817	18.57	ng/ul	94
53) Dibenzofuran	14.64	168	978662	15.83	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	488454	36.39	ng/ul#	98
66) Hexachlorobenzene	16.30	284	358372	24.16	ng/ul	98
68) Pentachlorophenol	16.65	266	413039	49.96	ng/ul	95
69) Phenanthrene	17.03	178	1860616	24.51	ng/ul	100
71) Anthracene	17.12	178	1062079	13.74	ng/ul	98
74) Fluoranthene	19.06	202	1618011	19.98	ng/ul	98
77) Pyrene	19.42	202	1807703	21.88	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.12	149	1382963	30.45	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.54	276	293369	3.88	ng/ul#	67
90) Dibenzo(a,h)anthracene	25.54	278	1276895	20.06	ng/ul	99

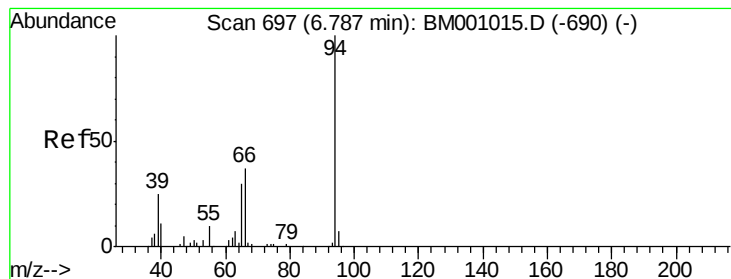
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 11.18 ng/ul

RT: 6.79 min Scan# 697

Delta R.T. -0.00 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

Instrument :

BNA_M

ClientSampleId :

X1N61

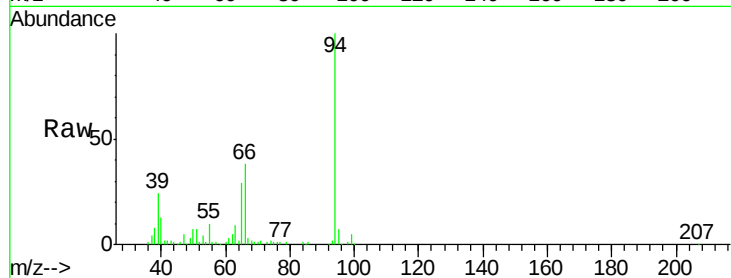
Tgt Ion: 94 Resp: 268197

Ion Ratio Lower Upper

94 100

65 29.3 23.4 35.2

66 37.8 30.0 45.0



Abundance Ion 94.00 (93.70 to 94.70): BM001017.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM001017.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM001017.D (-690) (-)

6.79

200000

150000

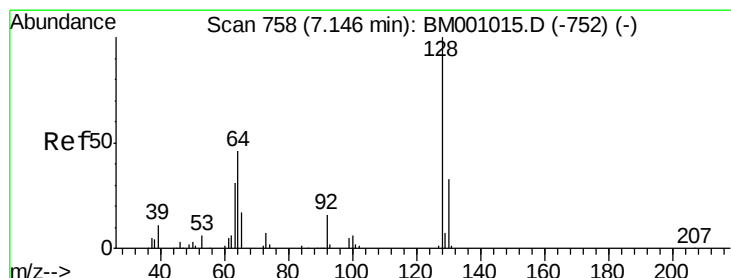
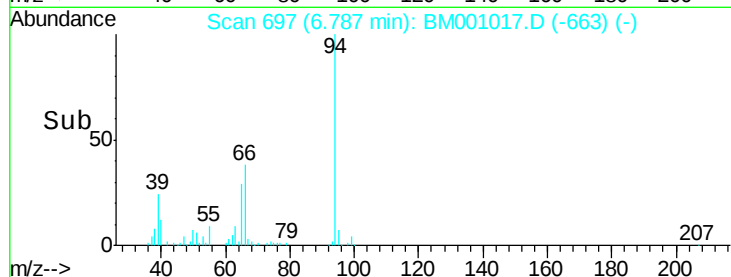
100000

50000

0

6.75 6.80 6.85

Time-->



#10

2-Chlorophenol

Concen: 27.42 ng/ul

RT: 7.15 min Scan# 758

Delta R.T. -0.00 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

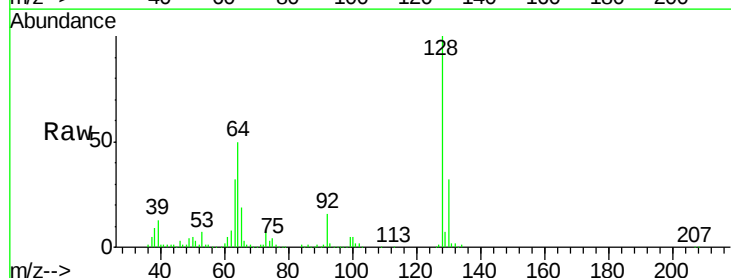
Tgt Ion: 128 Resp: 522100

Ion Ratio Lower Upper

128 100

64 49.8 39.7 59.5

130 32.5 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): BM001017.D (-752) (-)

Ion 64.00 (63.70 to 64.70): BM001017.D (-752) (-)

Ion 130.00 (129.70 to 130.70): BM001017.D (-752) (-)

7.15

400000

300000

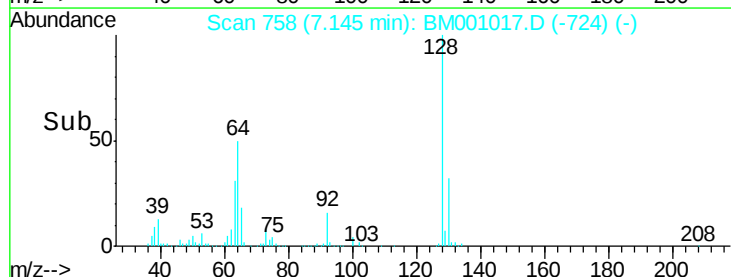
200000

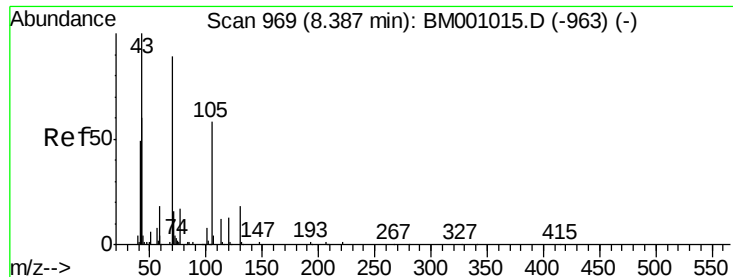
100000

0

7.05 7.10 7.15 7.20 7.25

Time-->

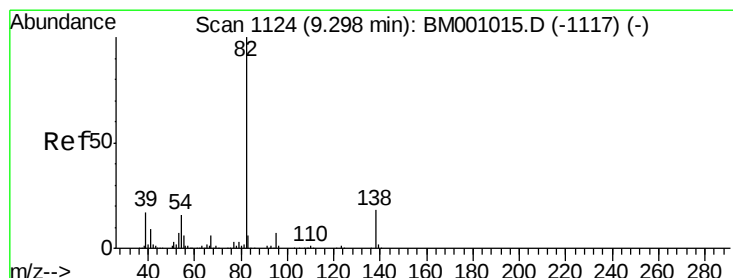
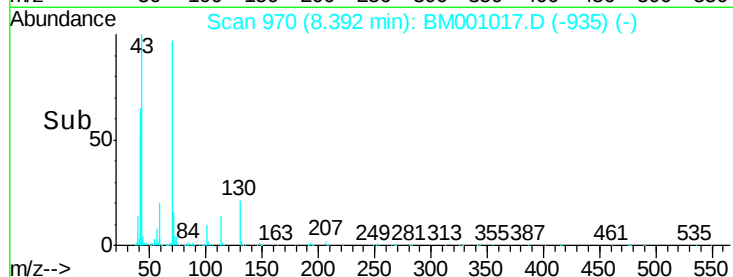
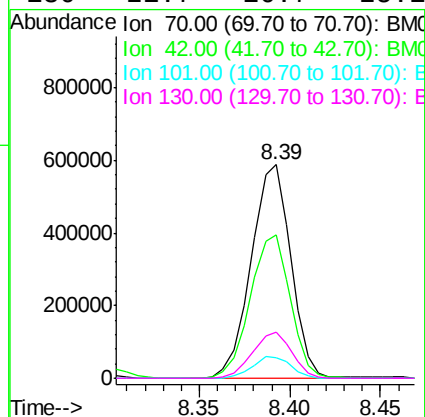
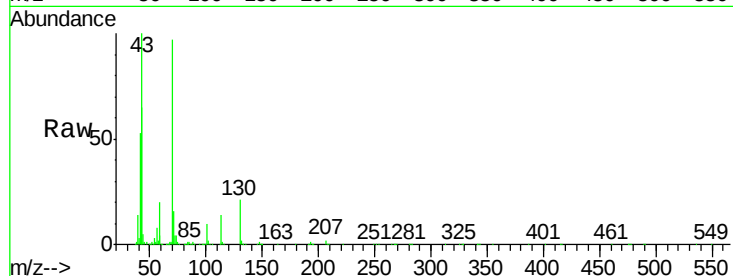




#15
N-Nitroso-di-n-propylamine
Concen: 63.41 ng/ul
RT: 8.39 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM001017.D
Acq: 16 Apr 2015 12:08

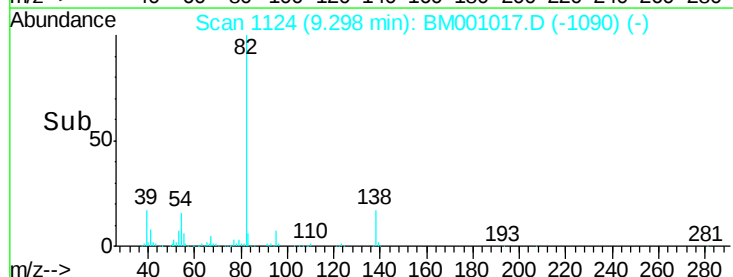
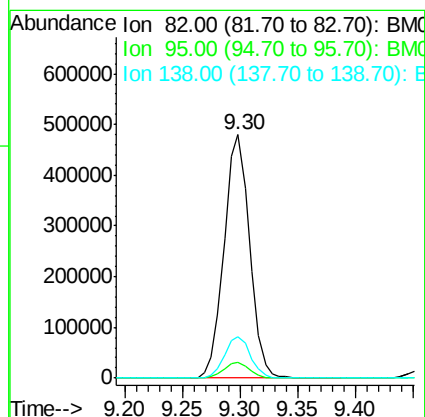
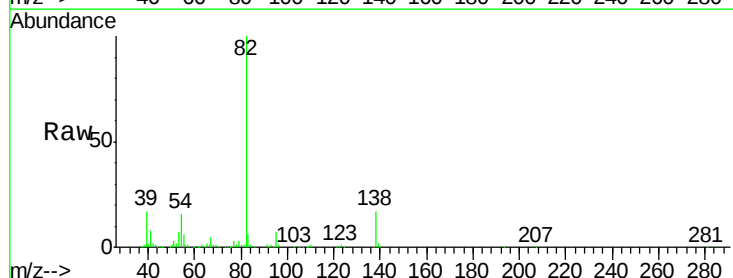
Instrument :
BNA_M
ClientSampleId :
X1N61

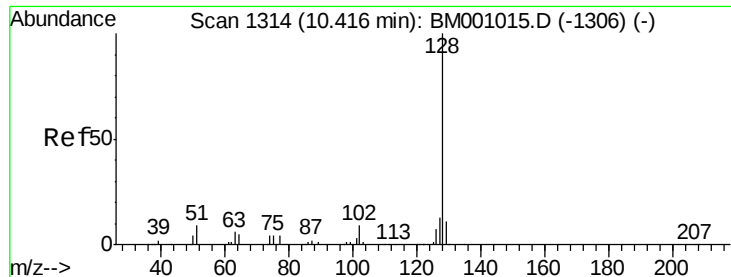
Tgt Ion:	70	Resp:	893122
Ion	Ratio	Lower	Upper
70	100		
42	66.9	54.1	81.1
101	9.8	7.6	11.4
130	21.7	16.7	25.1



#21
Isophorone
Concen: 20.27 ng/ul
RT: 9.30 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BM001017.D
Acq: 16 Apr 2015 12:08

Tgt Ion:	82	Resp:	735902
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.2
138	17.2	14.0	21.0

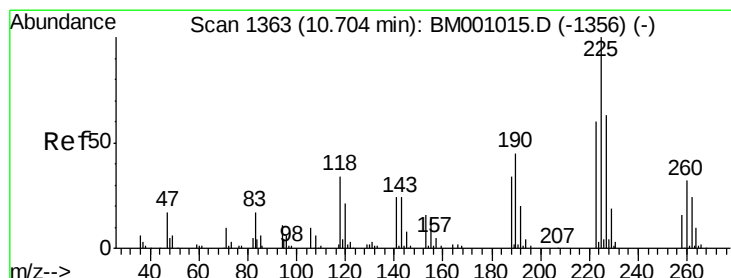
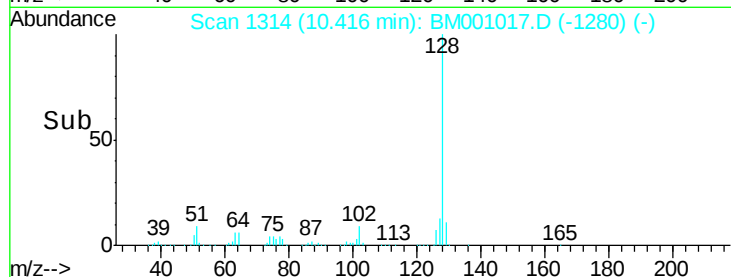
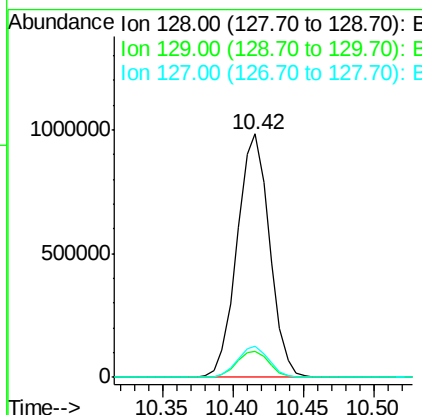
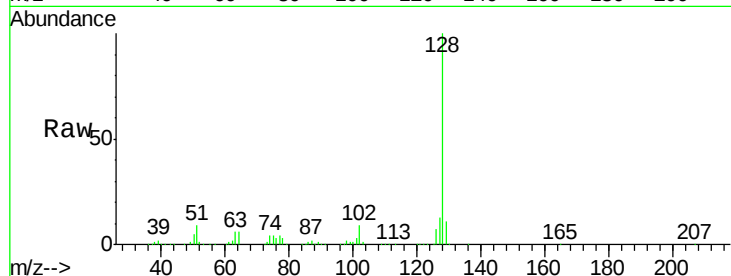




#28
Naphthalene
Concen: 25.88 ng/ul
RT: 10.42 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM001017.D
Acq: 16 Apr 2015 12:08

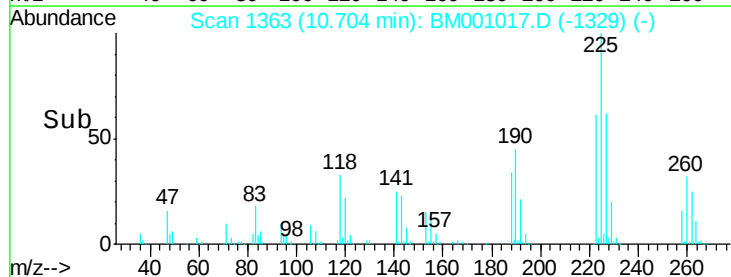
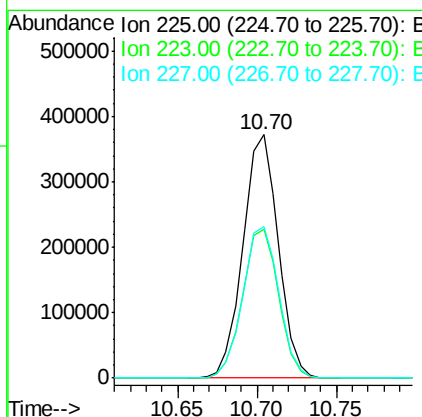
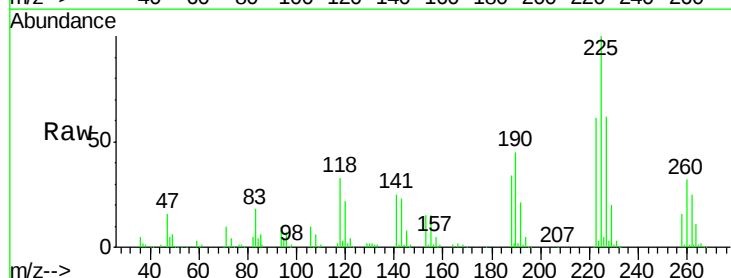
Instrument :
BNA_M
ClientSampleId :
X1N61

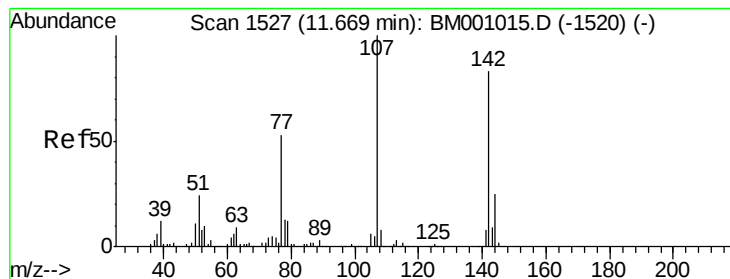
Tgt Ion:128 Resp: 1581090
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.6 10.2 15.2



#31
Hexachlorobutadiene
Concen: 55.49 ng/ul
RT: 10.70 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BM001017.D
Acq: 16 Apr 2015 12:08

Tgt Ion:225 Resp: 575497
Ion Ratio Lower Upper
225 100
223 61.2 48.2 72.4
227 62.4 50.7 76.1





#33

4-Chloro-3-methylphenol

Concen: 30.90 ng/ul

RT: 11.66 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

Instrument :

BNA_M

ClientSampleId :

X1N61

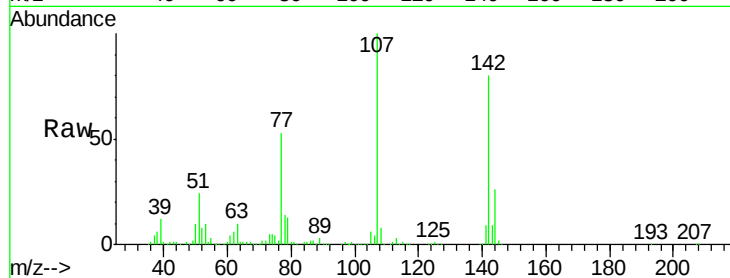
Tgt Ion:107 Resp: 547912

Ion Ratio Lower Upper

107 100

144 25.7 21.4 32.2

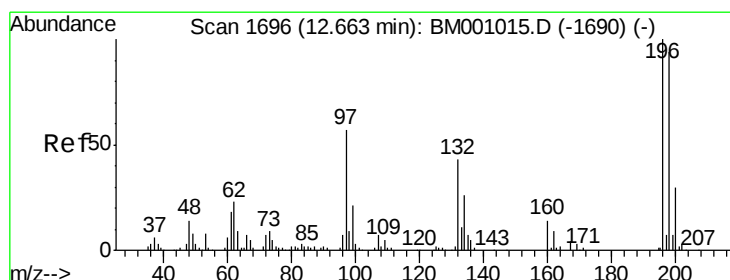
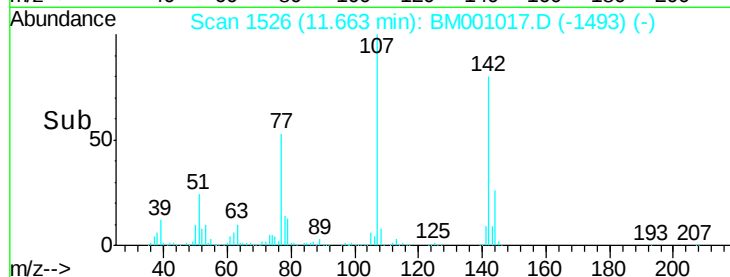
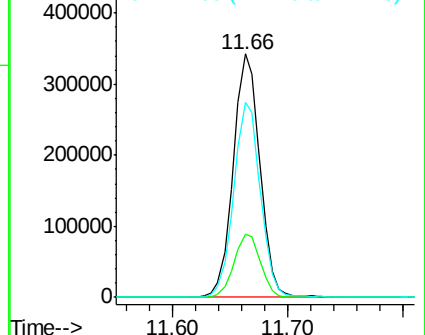
142 80.3 66.4 99.6



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



#38

2,4,6-Trichlorophenol

Concen: 19.91 ng/ul

RT: 12.73 min Scan# 1708

Delta R.T. 0.07 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

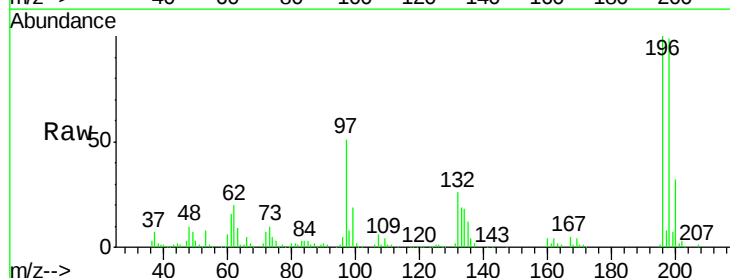
Tgt Ion:196 Resp: 244817

Ion Ratio Lower Upper

196 100

198 98.5 77.8 116.6

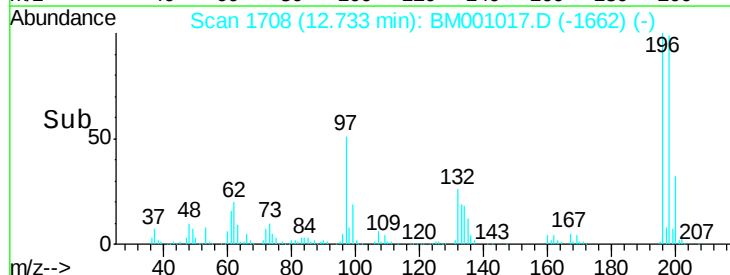
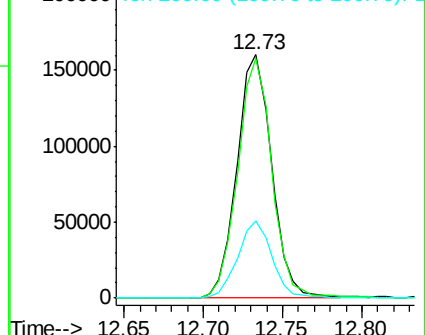
200 31.9 24.9 37.3

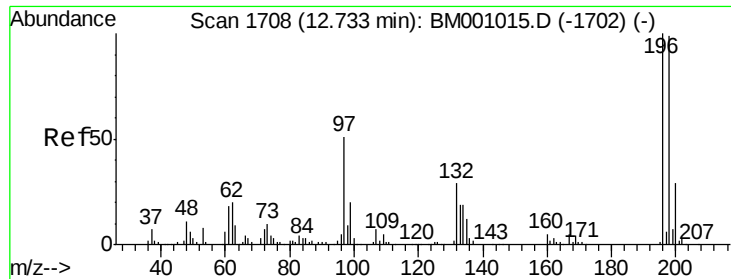


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

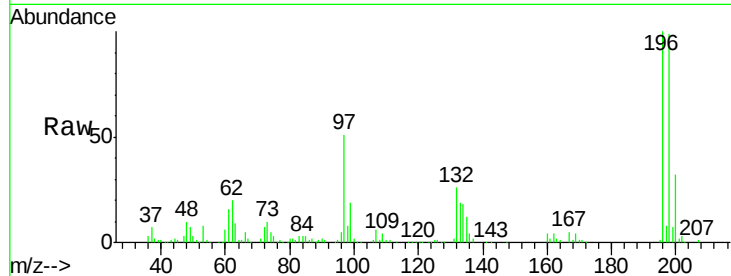




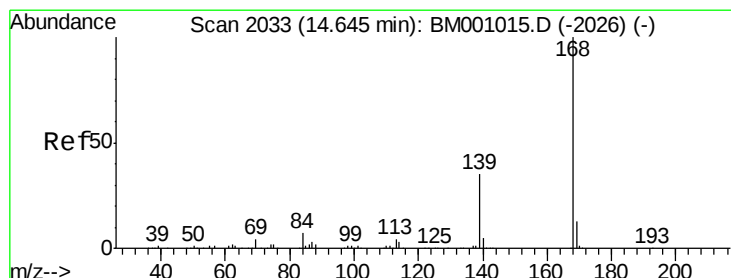
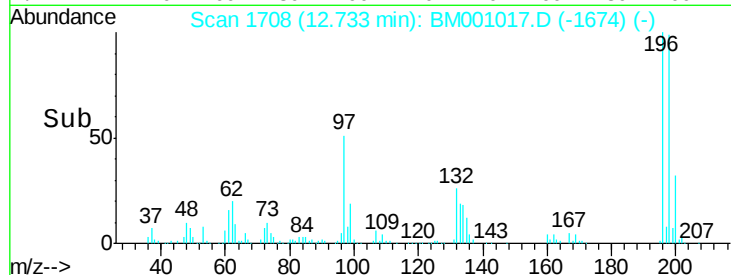
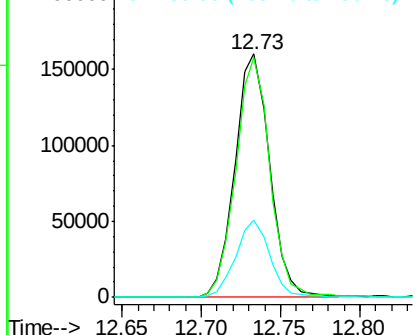
#39
 2,4,5-Trichlorophenol
 Concen: 18.57 ng/ul
 RT: 12.73 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BM001017.D
 Acq: 16 Apr 2015 12:08

Instrument :
 BNA_M
 ClientSampleId :
 X1N61

Tgt Ion:196 Resp: 244817
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.5 111.7
 200 31.9 22.9 34.3

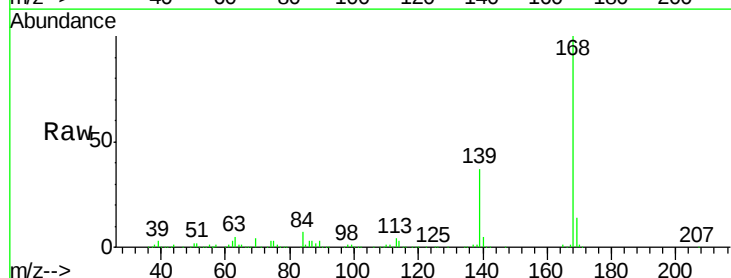


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

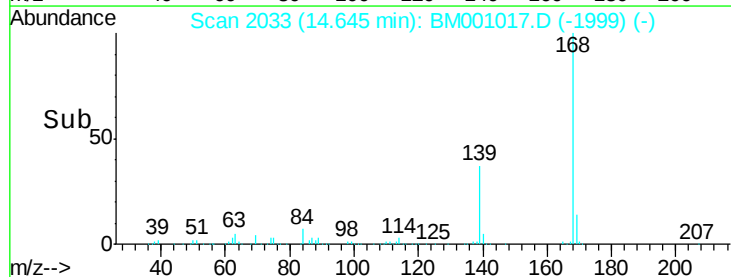
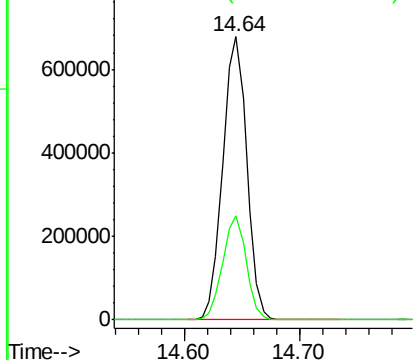


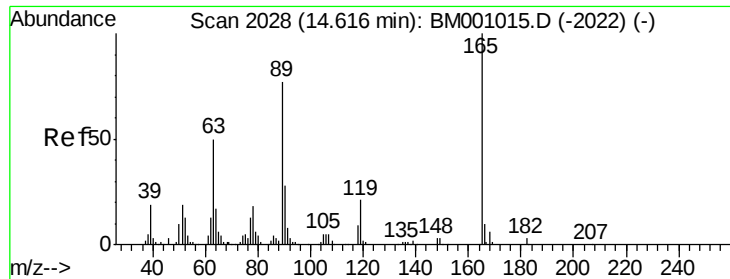
#53
 Dibenzofuran
 Concen: 15.83 ng/ul
 RT: 14.64 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BM001017.D
 Acq: 16 Apr 2015 12:08

Tgt Ion:168 Resp: 978662
 Ion Ratio Lower Upper
 168 100
 139 36.8 28.6 43.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E

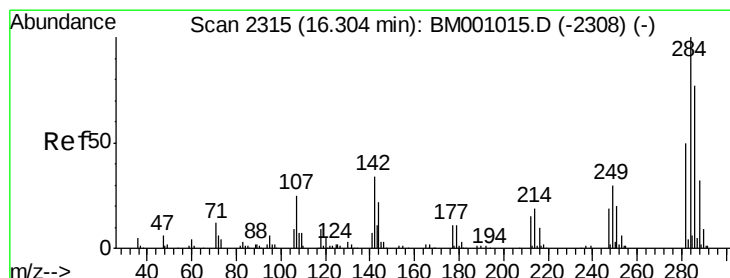
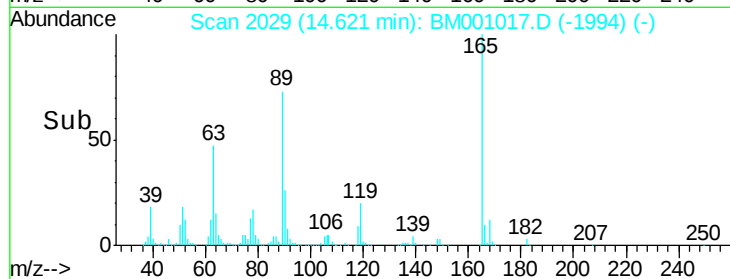
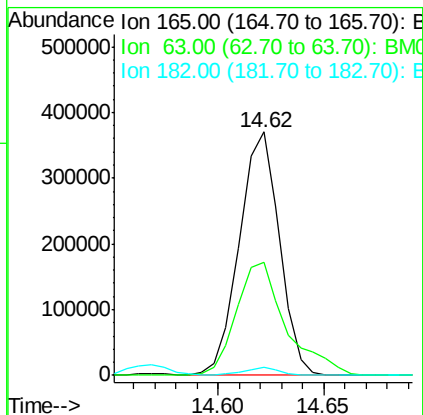
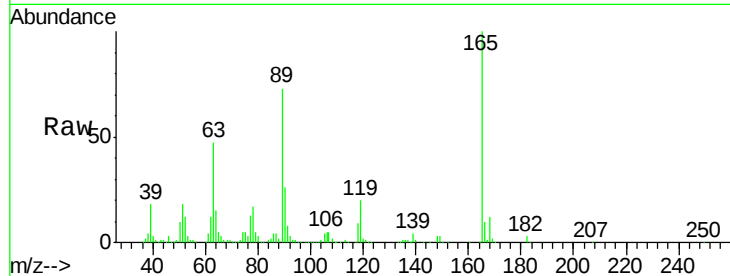




#54
 2,4-Dinitrotoluene
 Concen: 36.39 ng/ul
 RT: 14.62 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BM001017.D
 Acq: 16 Apr 2015 12:08

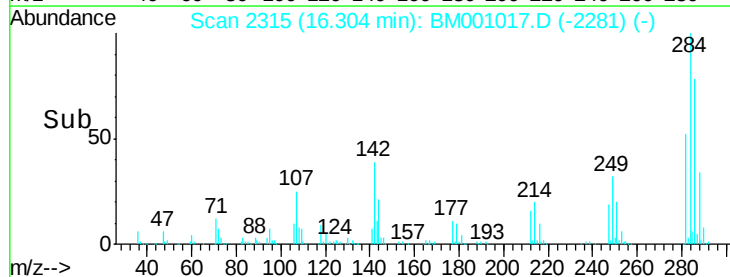
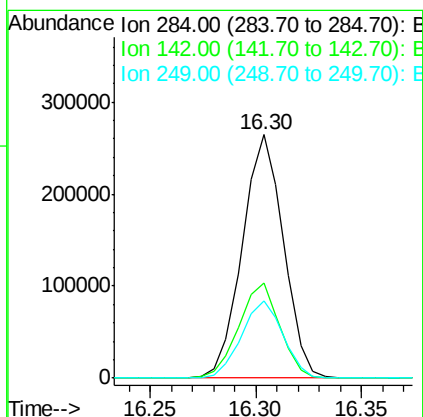
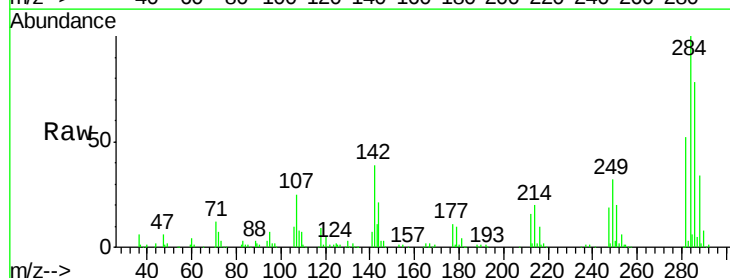
Instrument :
 BNA_M
 ClientSampled :
 X1N61

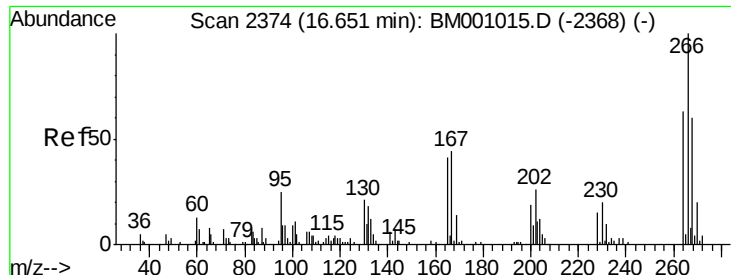
Tgt Ion:165 Resp: 488454
 Ion Ratio Lower Upper
 165 100
 63 46.6 36.5 54.7
 182 3.2 2.0 3.0#



#66
 Hexachlorobenzene
 Concen: 24.16 ng/ul
 RT: 16.30 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BM001017.D
 Acq: 16 Apr 2015 12:08

Tgt Ion:284 Resp: 358372
 Ion Ratio Lower Upper
 284 100
 142 38.9 29.8 44.6
 249 31.6 24.6 36.8

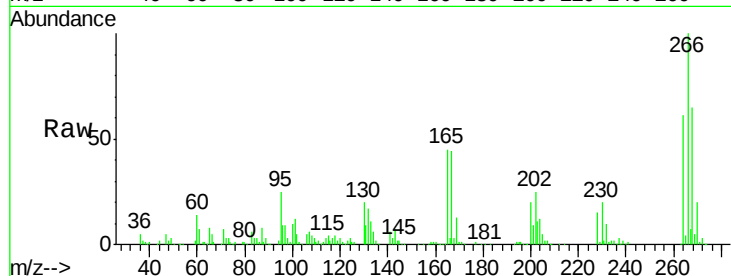




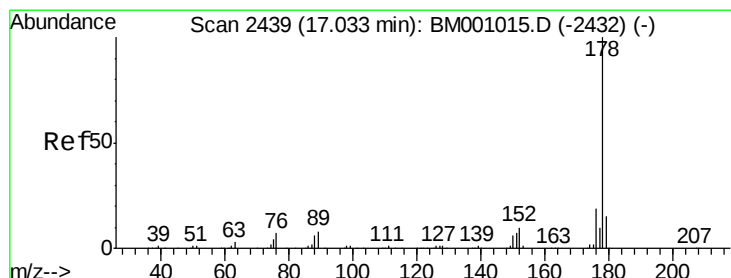
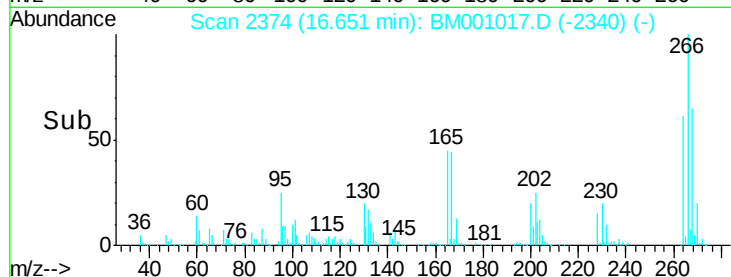
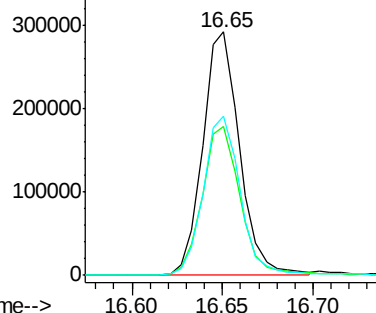
#68
 Pentachlorophenol
 Concen: 49.96 ng/ul
 RT: 16.65 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BM001017.D
 Acq: 16 Apr 2015 12:08

Instrument :
 BNA_M
 ClientSampleId :
 X1N61

Tgt Ion:266 Resp: 413039
 Ion Ratio Lower Upper
 266 100
 264 60.9 52.9 79.3
 268 65.4 50.1 75.1

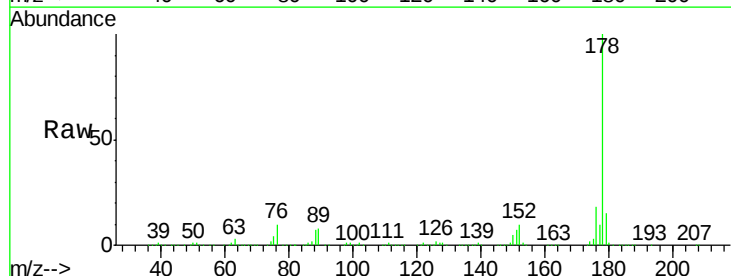


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

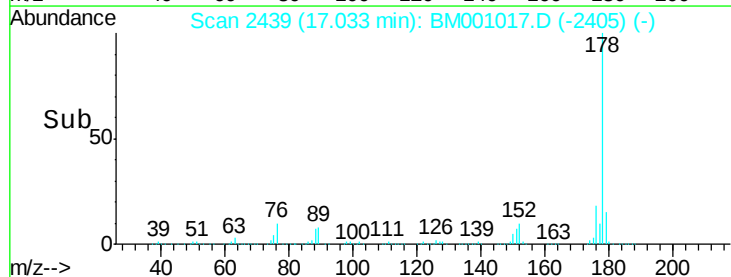
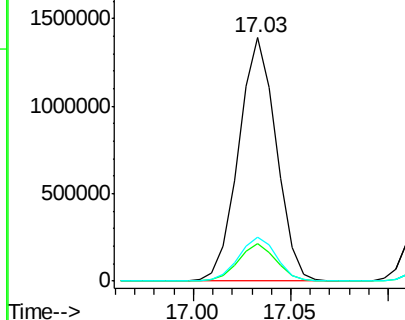


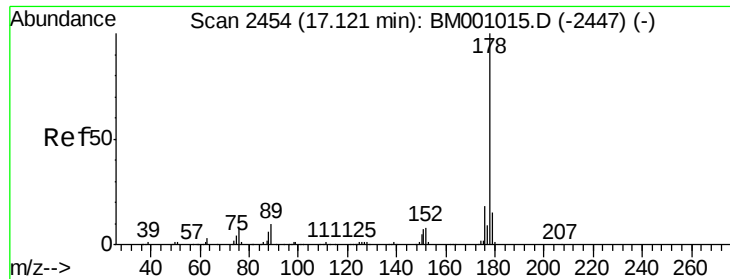
#69
 Phenanthrene
 Concen: 24.51 ng/ul
 RT: 17.03 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BM001017.D
 Acq: 16 Apr 2015 12:08

Tgt Ion:178 Resp: 1860616
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.3 18.5
 176 18.3 14.6 21.8



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





#71

Anthracene

Concen: 13.74 ng/ul

RT: 17.12 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

Instrument :

BNA_M

ClientSampled :

X1N61

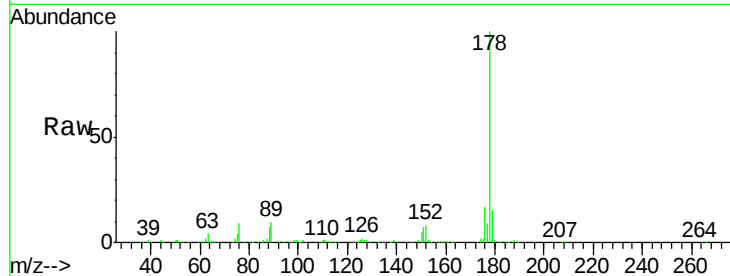
Tgt Ion:178 Resp: 1062079

Ion Ratio Lower Upper

178 100

179 15.3 11.6 17.4

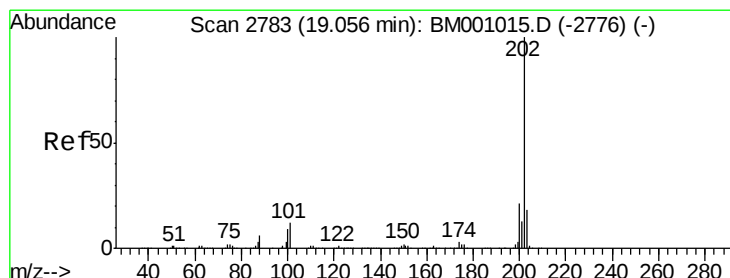
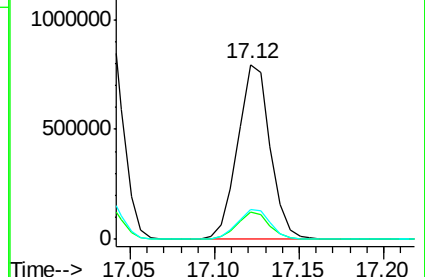
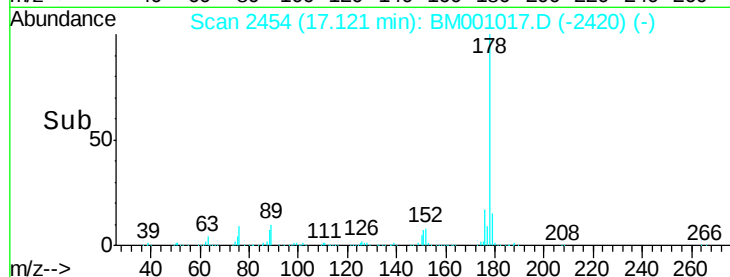
176 17.4 14.4 21.6



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

Fluoranthene

Concen: 19.98 ng/ul

RT: 19.06 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

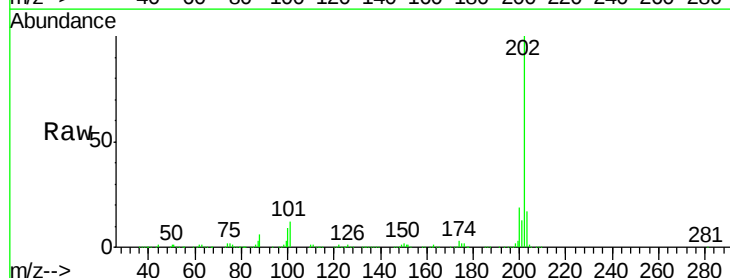
Tgt Ion:202 Resp: 1618011

Ion Ratio Lower Upper

202 100

101 12.3 10.3 15.5

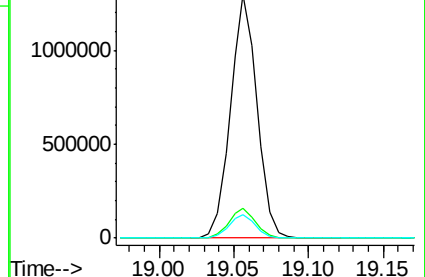
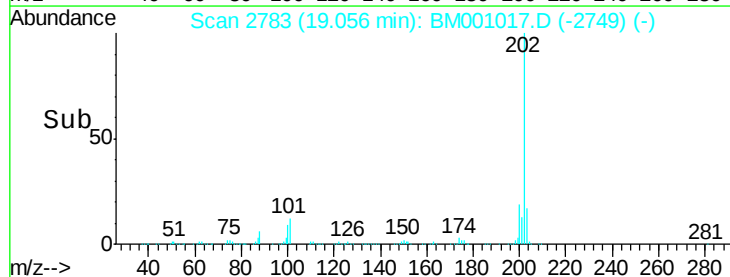
100 9.4 8.0 12.0

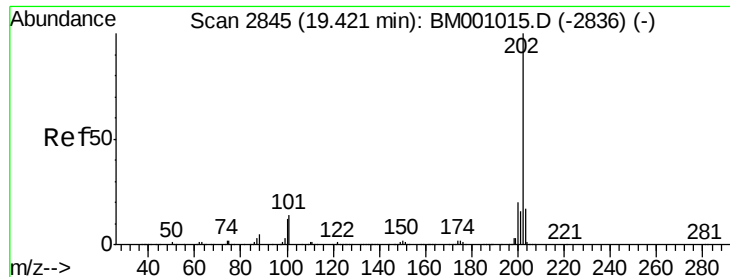


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 21.88 ng/ul

RT: 19.42 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

Instrument :

BNA_M

ClientSampleId :

X1N61

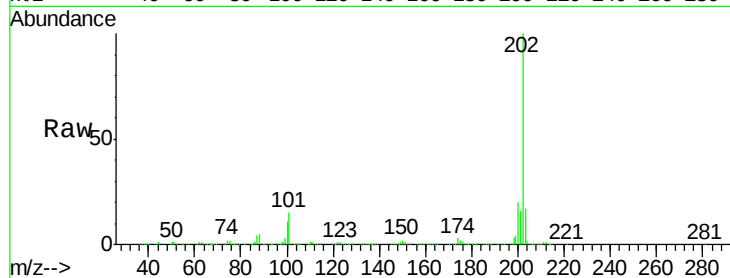
Tgt Ion:202 Resp: 1807703

Ion Ratio Lower Upper

202 100

101 15.1 12.2 18.4

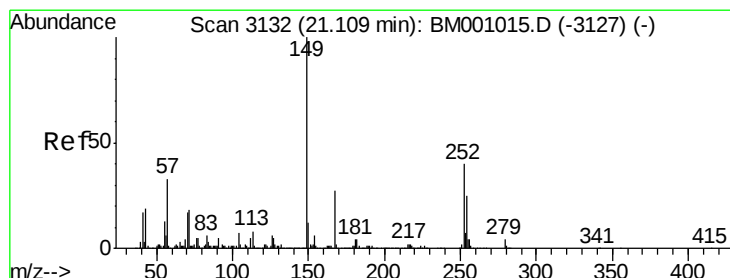
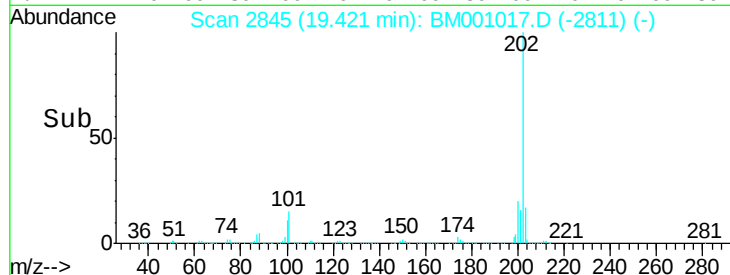
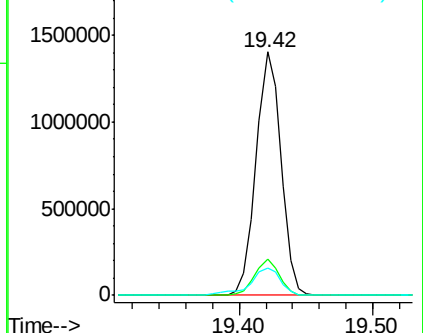
100 11.5 10.0 15.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 30.45 ng/ul

RT: 21.12 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

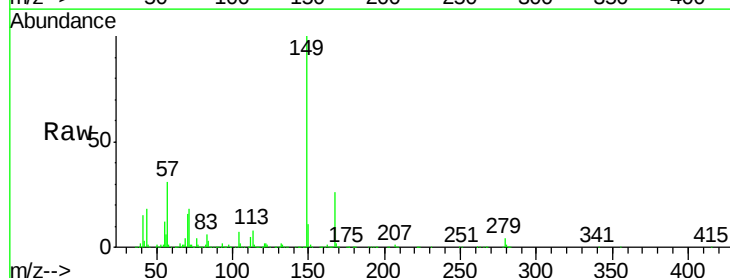
Tgt Ion:149 Resp: 1382963

Ion Ratio Lower Upper

149 100

167 26.5 21.5 32.3

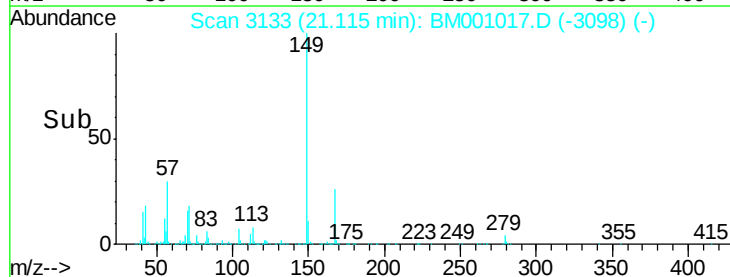
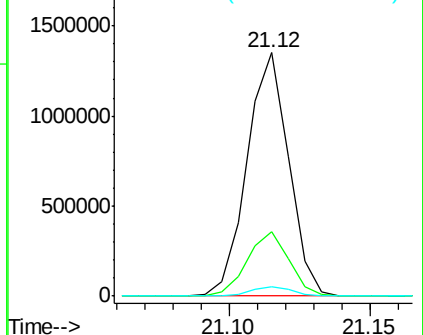
279 3.8 2.9 4.3

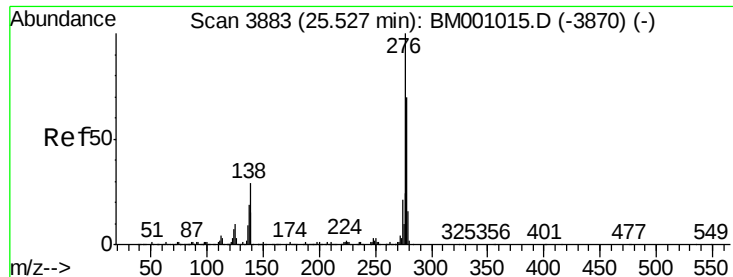


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.88 ng/ul

RT: 25.54 min Scan# 3886

Delta R.T. 0.02 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

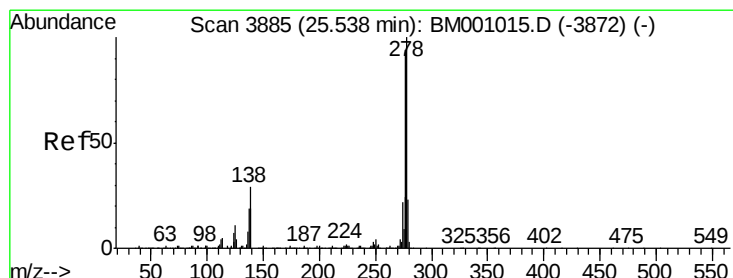
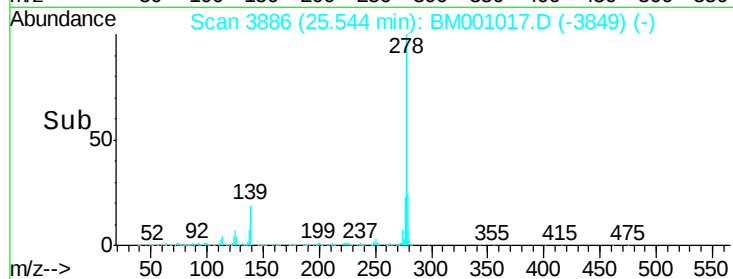
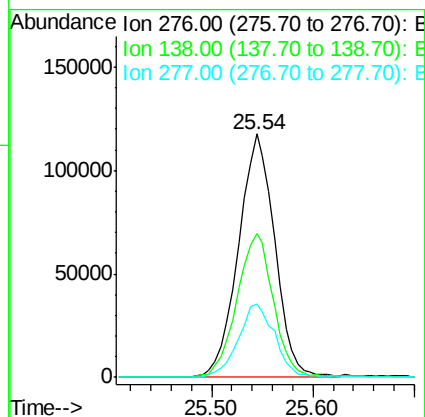
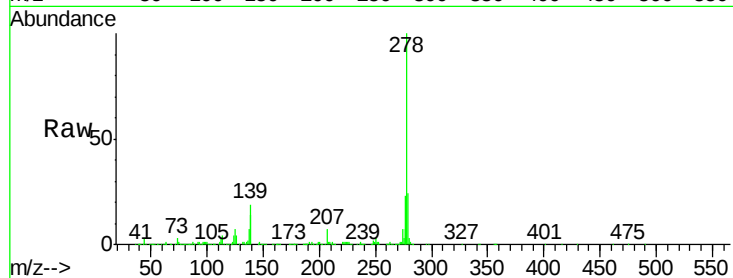
Instrument :

BNA_M

ClientSampleId :

X1N61

Tgt Ion:	276	Resp:	293369
Ion	Ratio	Lower	Upper
276	100		
138	59.2	24.6	36.8#
277	30.3	20.3	30.5



#90

Dibenzo(a,h)anthracene

Concen: 20.06 ng/ul

RT: 25.54 min Scan# 3886

Delta R.T. 0.01 min

Lab File: BM001017.D

Acq: 16 Apr 2015 12:08

Tgt Ion:	278	Resp:	1276895
Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.6	23.4
279	24.0	19.6	29.4

