

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112015\
 Data File : BG019770.D
 Acq On : 22 Nov 2015 2:08
 Operator : UM/NP
 Sample : G4310-21MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KL3MS

Quant Time: Nov 23 00:40:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 00:37:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23915	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	90913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	72980	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	204578	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	264387	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	254152	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	2981	5.32	ng/uL	0.00
5) Phenol-d5	7.26	99	74144	30.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	48513	30.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	48525	30.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	57738	28.46	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	24912	33.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	28876	34.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	60859	33.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	60766	35.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	212439	32.19	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	228614	31.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	35945	34.56	ng/ul	0.00
58) Fluorene-d10	15.74	176	192243	32.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	41238	31.20	ng/ul	0.00
71) Anthracene-d10	17.59	188	329555	33.18	ng/ul	0.00
79) Pyrene-d10	19.87	212	416487	34.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	471625	35.55	ng/ul	0.00

Target Compounds

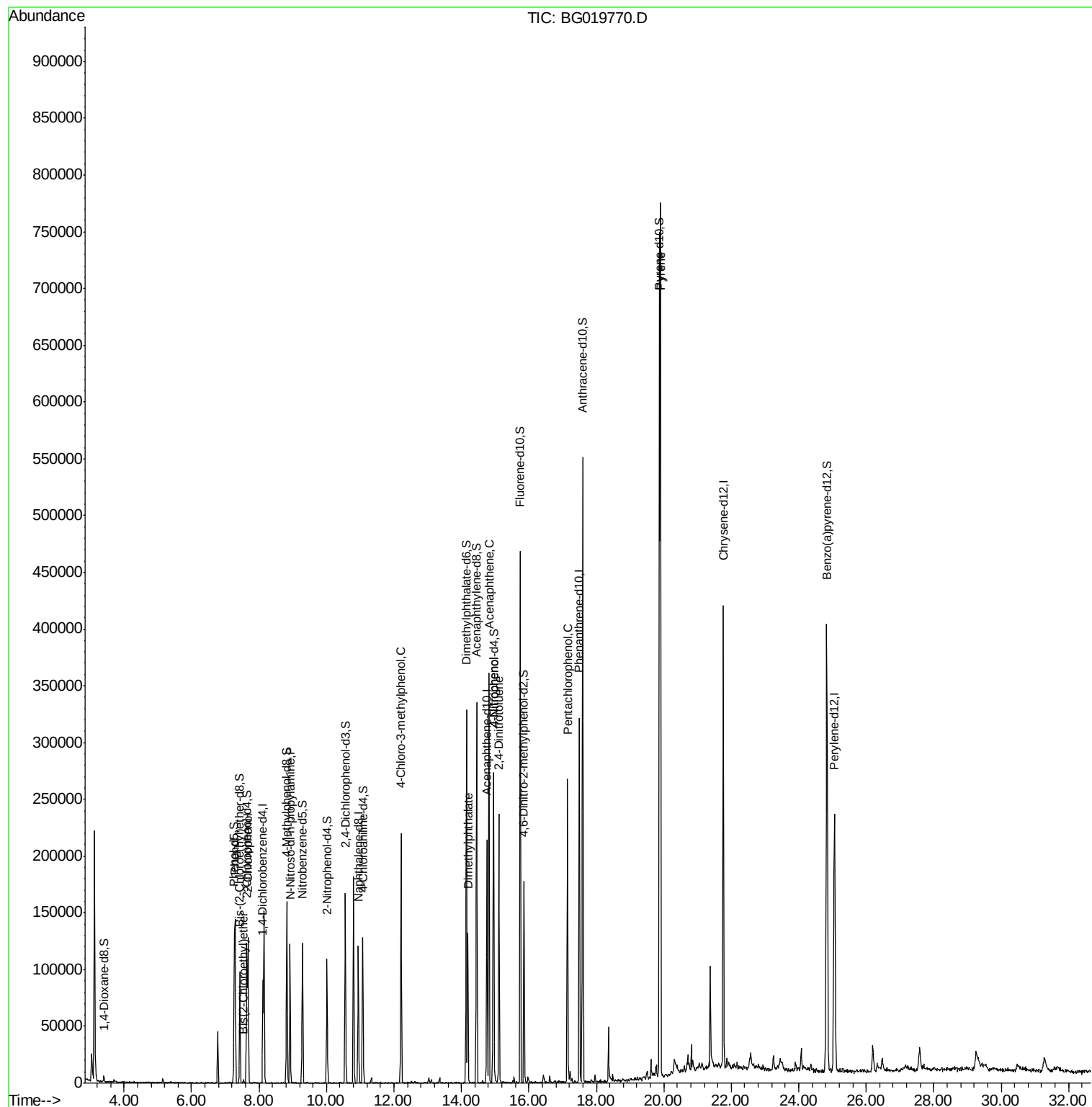
						Qvalue
6) Phenol	7.29	94	80846	30.56	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.55	93	1940	1.05	ng/ul#	21
10) 2-Chlorophenol	7.68	128	48671	31.70	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.92	70	59328	26.20	ng/ul#	99
33) 4-Chloro-3-methylphenol	12.21	107	80252	33.28	ng/ul	98
45) Dimethylphthalate	14.20	163	80111	12.24	ng/ul	100
50) Acenaphthene	14.82	153	147182	30.11	ng/ul	95
53) 4-Nitrophenol	14.96	109	44845	35.38	ng/ul	96
55) 2,4-Dinitrotoluene	15.11	165	66046	32.44	ng/ul	87
69) Pentachlorophenol	17.15	266	52947	36.47	ng/ul	92
80) Pyrene	19.90	202	479368	31.05	ng/ul	97

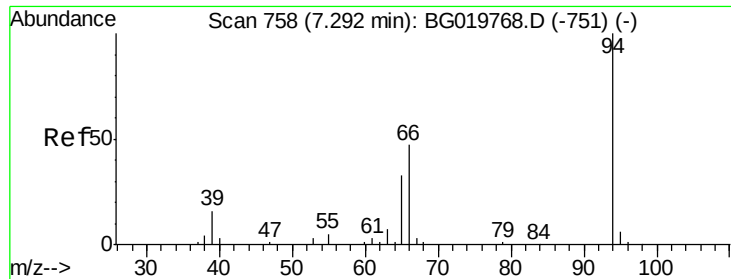
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 30.56 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG019770.D

Acq: 22 Nov 2015 2:08

Instrument :

BNA_G

ClientSampleId :

D9KL3MS

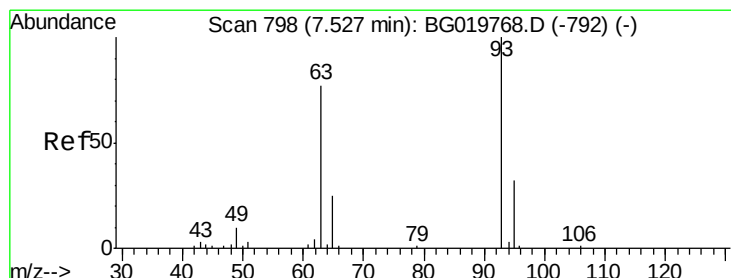
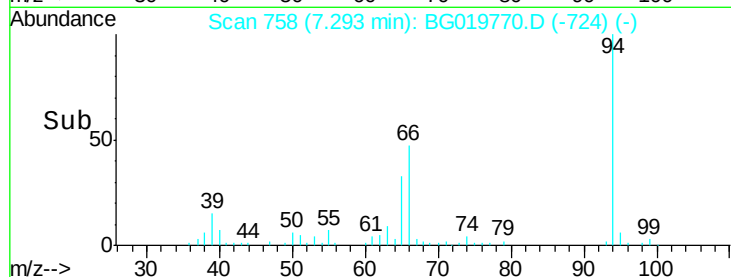
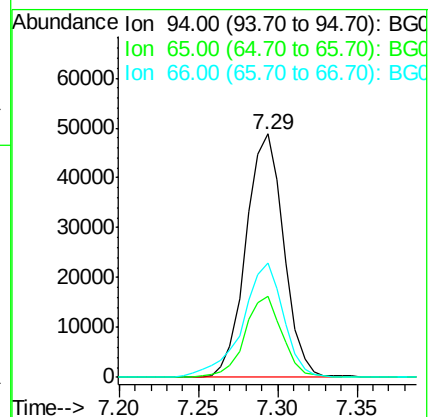
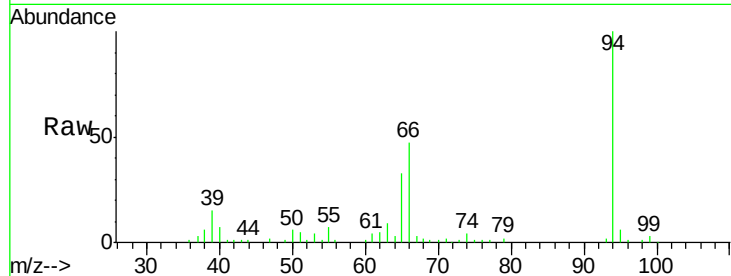
Tgt Ion: 94 Resp: 80846

Ion Ratio Lower Upper

94 100

65 33.3 27.4 41.0

66 46.9 39.0 58.6



#8

Bis(2-Chloroethyl)ether

Concen: 1.05 ng/ul

RT: 7.55 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG019770.D

Acq: 22 Nov 2015 2:08

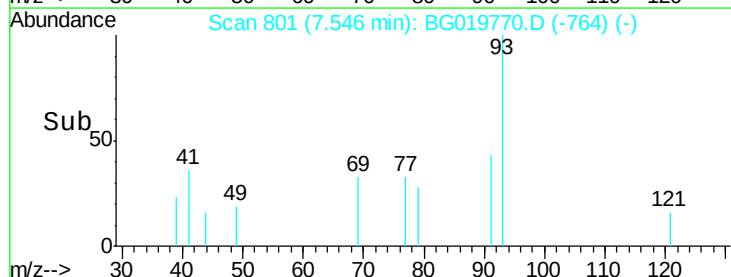
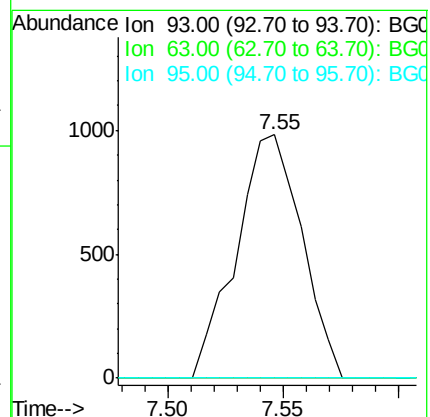
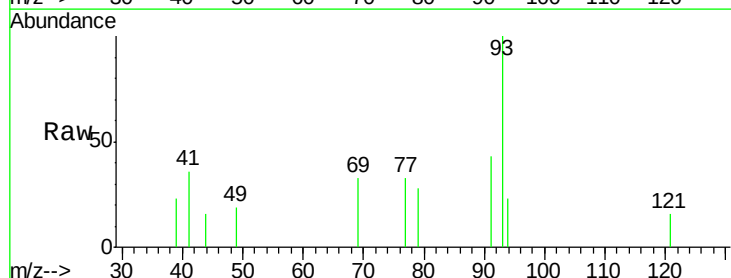
Tgt Ion: 93 Resp: 1940

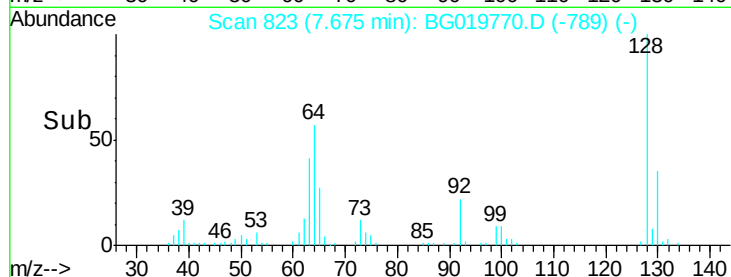
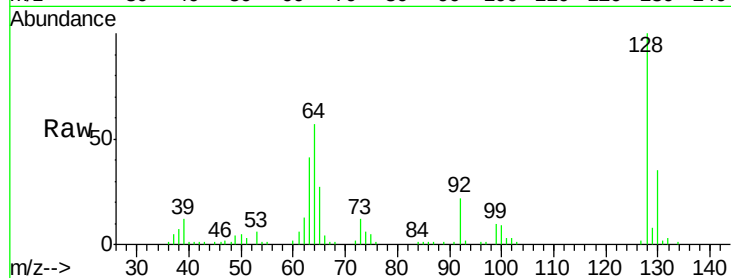
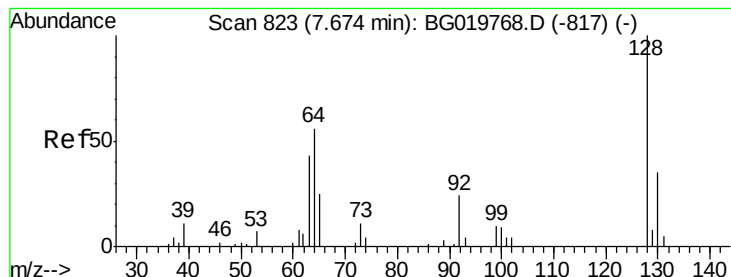
Ion Ratio Lower Upper

93 100

63 0.0 61.0 91.4#

95 0.0 23.7 35.5#

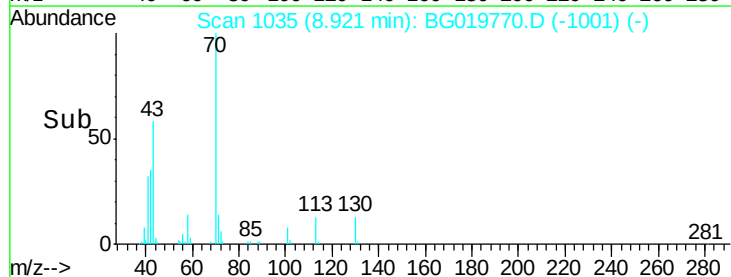
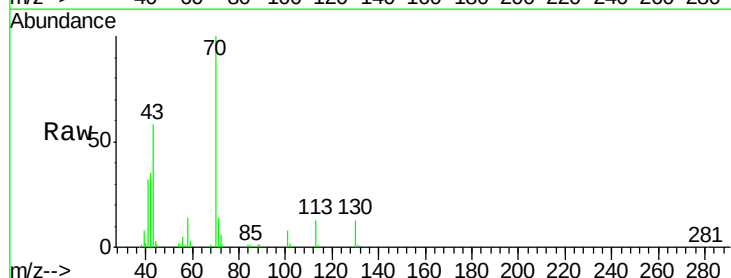
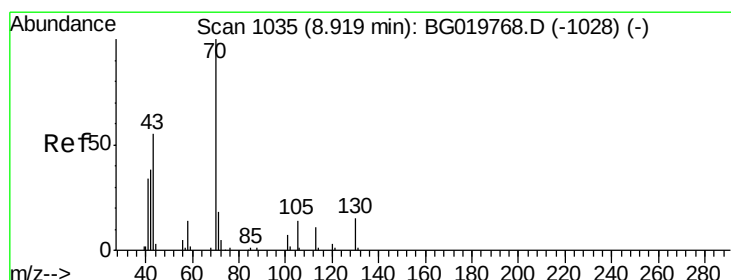
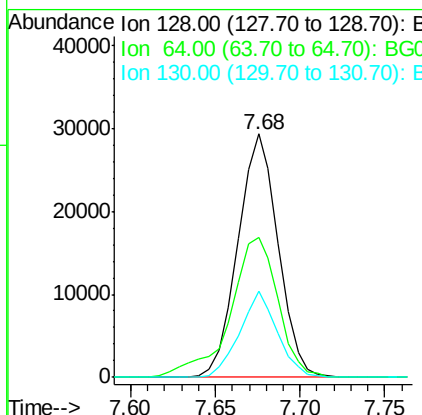




#10
2-Chlorophenol
Concen: 31.70 ng/ul
RT: 7.68 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG019770.D
Acq: 22 Nov 2015 2:08

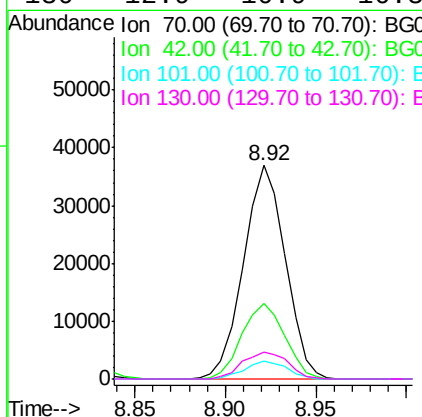
Instrument :
BNA_G
ClientSampleId :
D9KL3MS

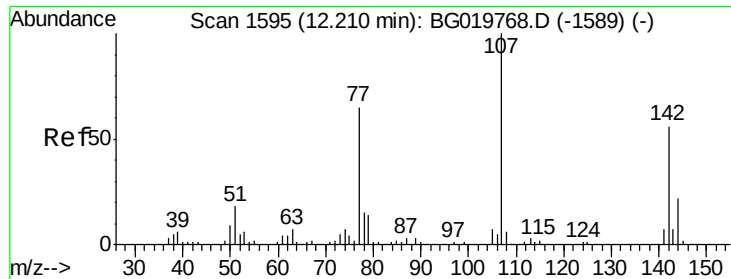
Tgt Ion: 128 Resp: 48671
Ion Ratio Lower Upper
128 100
64 57.3 59.4 89.0#
130 35.5 28.9 43.3



#15
N-Nitroso-di-n-propylamine
Concen: 26.20 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG019770.D
Acq: 22 Nov 2015 2:08

Tgt Ion: 70 Resp: 59328
Ion Ratio Lower Upper
70 100
42 35.3 28.4 42.6
101 8.3 5.3 7.9#
130 12.9 10.9 16.3





#33

4-Chloro-3-methylphenol

Concen: 33.28 ng/ul

RT: 12.21 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG019770.D

Acq: 22 Nov 2015 2:08

Instrument :

BNA_G

ClientSampleId :

D9KL3MS

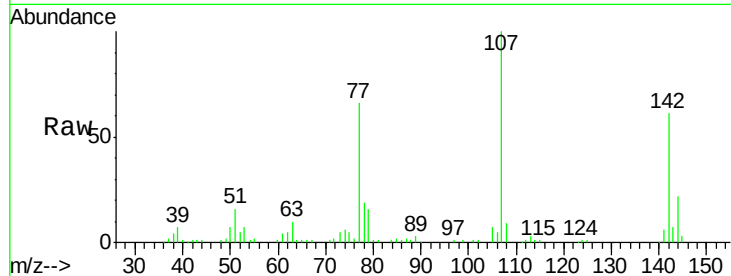
Tgt Ion:107 Resp: 80252

Ion Ratio Lower Upper

107 100

144 21.8 18.2 27.2

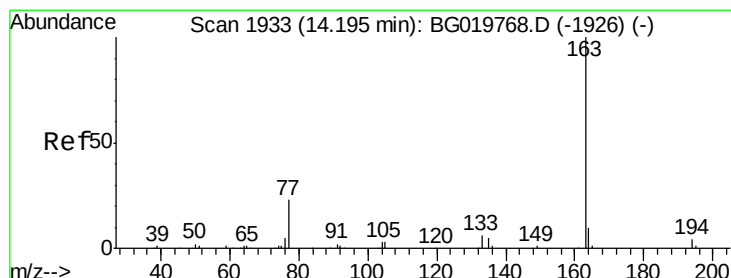
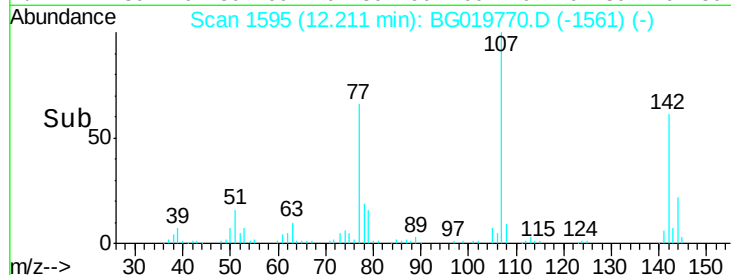
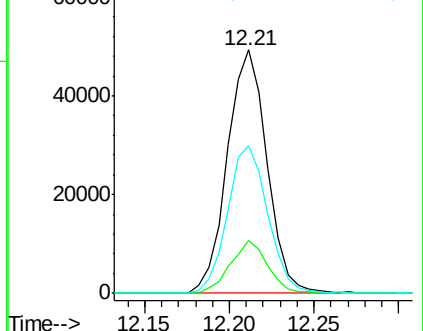
142 60.5 50.1 75.1



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: 12.24 ng/ul

RT: 14.20 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG019770.D

Acq: 22 Nov 2015 2:08

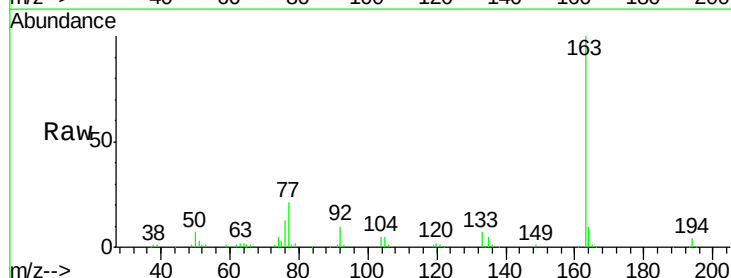
Tgt Ion:163 Resp: 80111

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

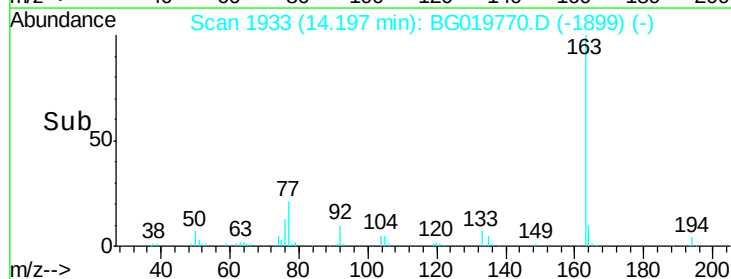
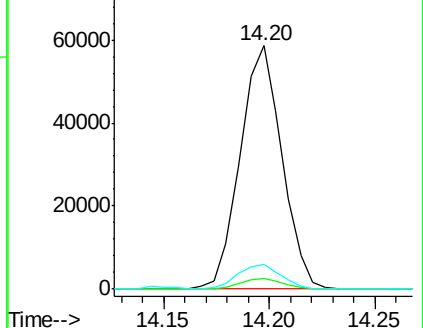
164 10.2 8.3 12.5

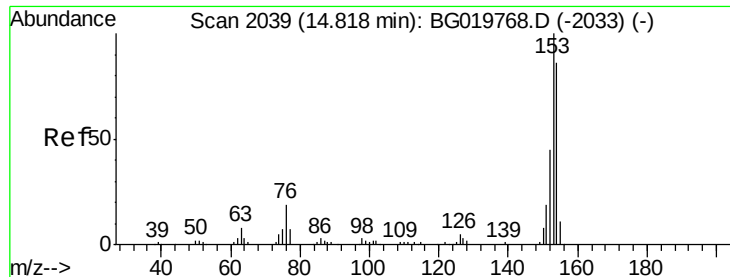


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 30.11 ng/ul

RT: 14.82 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG019770.D

Acq: 22 Nov 2015 2:08

Instrument :

BNA_G

ClientSampleId :

D9KL3MS

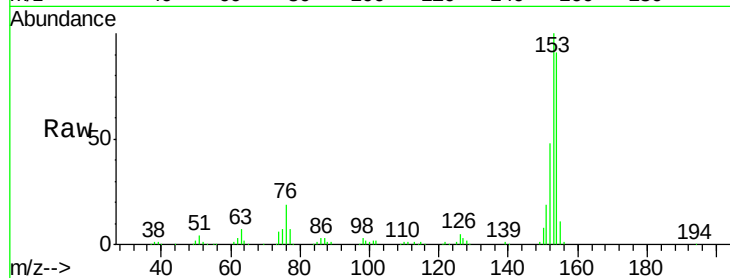
Tgt Ion:153 Resp: 147182

Ion Ratio Lower Upper

153 100

152 47.8 40.9 61.3

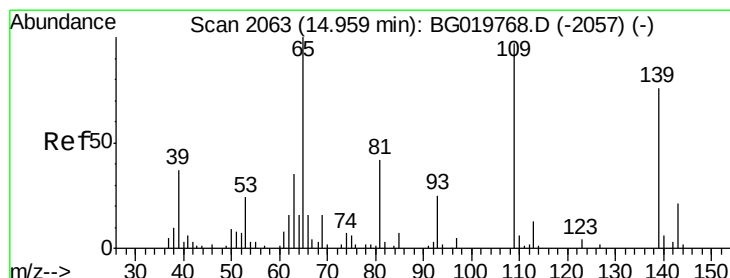
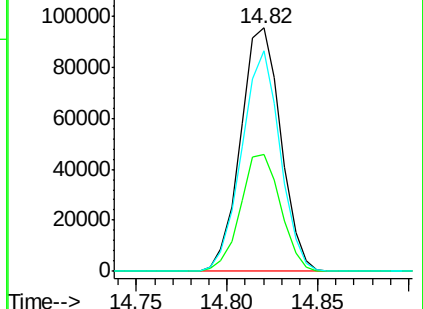
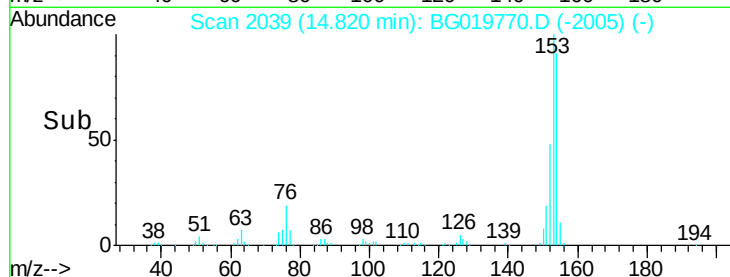
154 90.6 69.1 103.7



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: 35.38 ng/ul

RT: 14.96 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BG019770.D

Acq: 22 Nov 2015 2:08

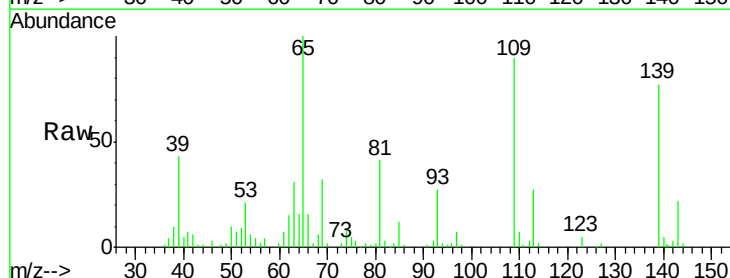
Tgt Ion:109 Resp: 44845

Ion Ratio Lower Upper

109 100

139 85.0 67.8 101.6

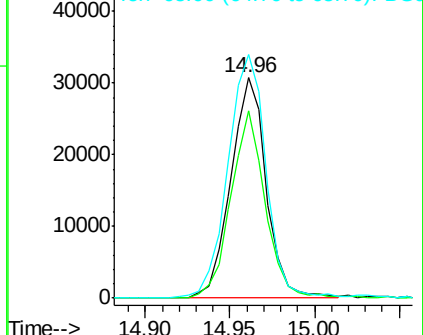
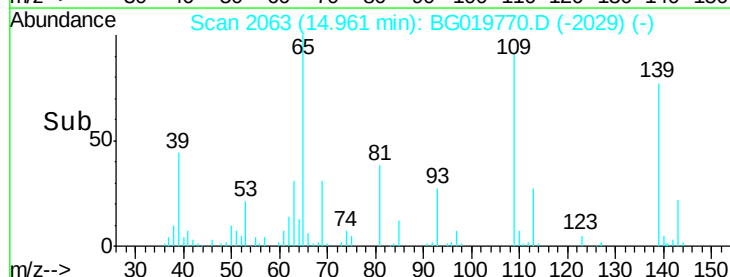
65 110.6 94.5 141.7

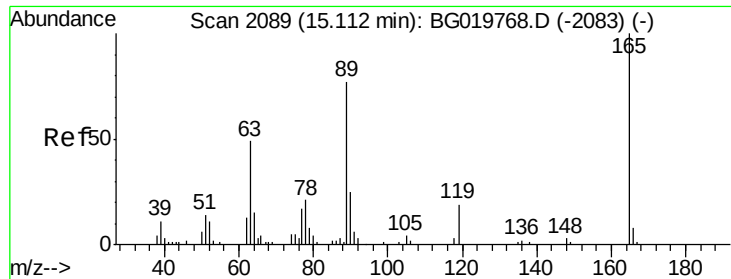


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGO





#55

2,4-Dinitrotoluene

Concen: 32.44 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. -0.00 min

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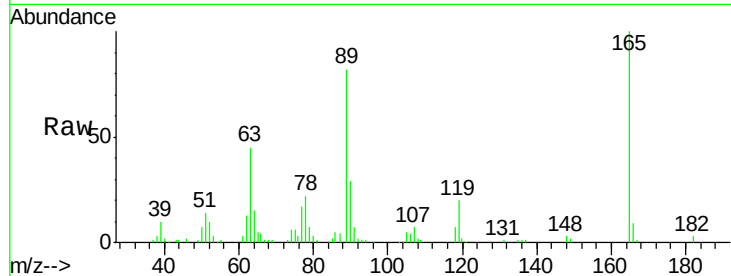
Tgt Ion:165 Resp: 66046

Ion Ratio Lower Upper

165 100

63 45.4 44.2 66.2

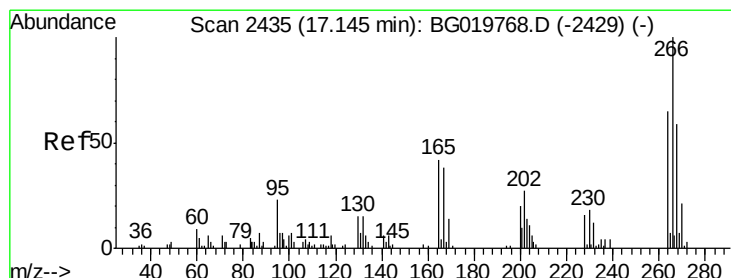
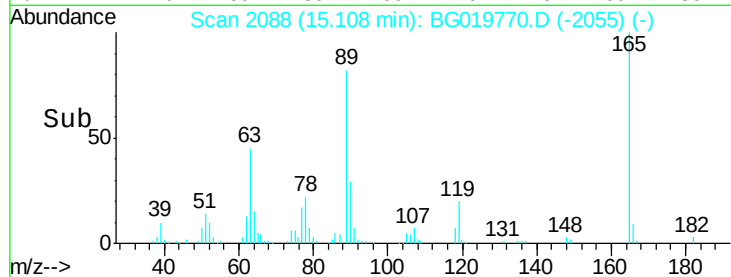
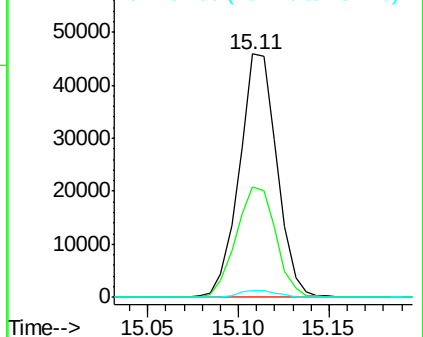
182 3.0 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#69

Pentachlorophenol

Concen: 36.47 ng/ul

RT: 17.15 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG019770.D

Acq: 22 Nov 2015 2:08

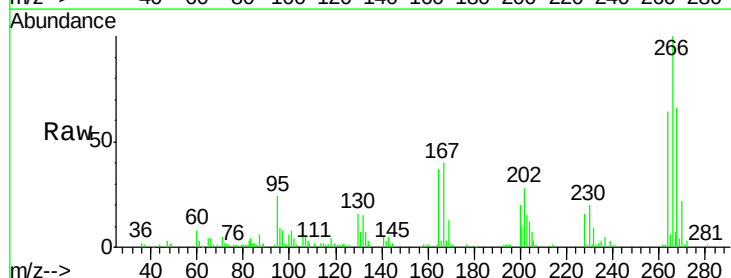
Tgt Ion:266 Resp: 52947

Ion Ratio Lower Upper

266 100

264 63.6 51.8 77.8

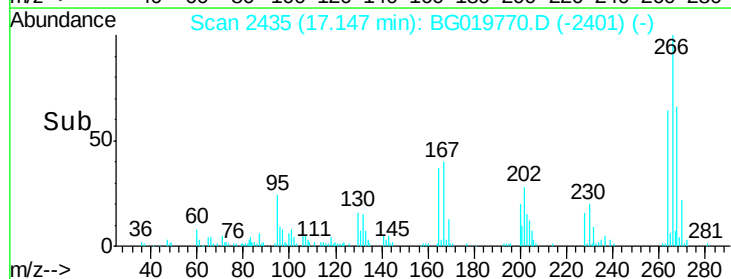
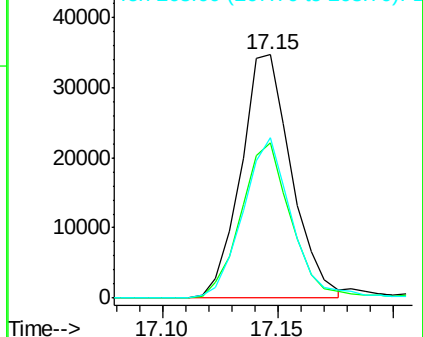
268 69.5 46.8 70.2

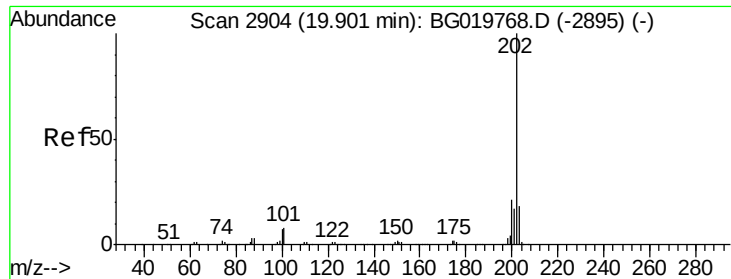


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

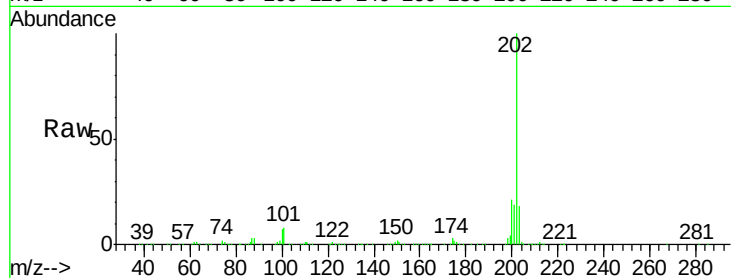




#80
 Pyrene
 Concen: 31.05 ng/ul
 RT: 19.90 min Scan# 2904
 Delta R.T. 0.00 min
 Lab File: BG019770.D
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Tgt Ion:	202	Resp:	479368
Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.0	10.6
100	7.3	6.6	10.0



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

