

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
 Data File : BG019790.D
 Acq On : 22 Nov 2015 19:37
 Operator : UM/NP
 Sample : G4345-26MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4J69MS

Quant Time: Nov 23 03:57:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	75819	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	67702	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	192570	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	250574	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	239734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	2197	5.32	ng/uL	0.00
5) Phenol-d5	7.26	99	53251	29.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	37276	31.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	35450	30.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	36678	24.52	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	20510	32.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	27536	39.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	47272	31.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	43418	30.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	207215	33.84	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	199678	30.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	29257	30.33	ng/ul	0.00
58) Fluorene-d10	15.74	176	172456	31.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	30745	24.72	ng/ul	0.00
71) Anthracene-d10	17.59	188	308628	33.01	ng/ul	0.00
79) Pyrene-d10	19.87	212	345604	30.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	357505	28.56	ng/ul	0.00

Target Compounds

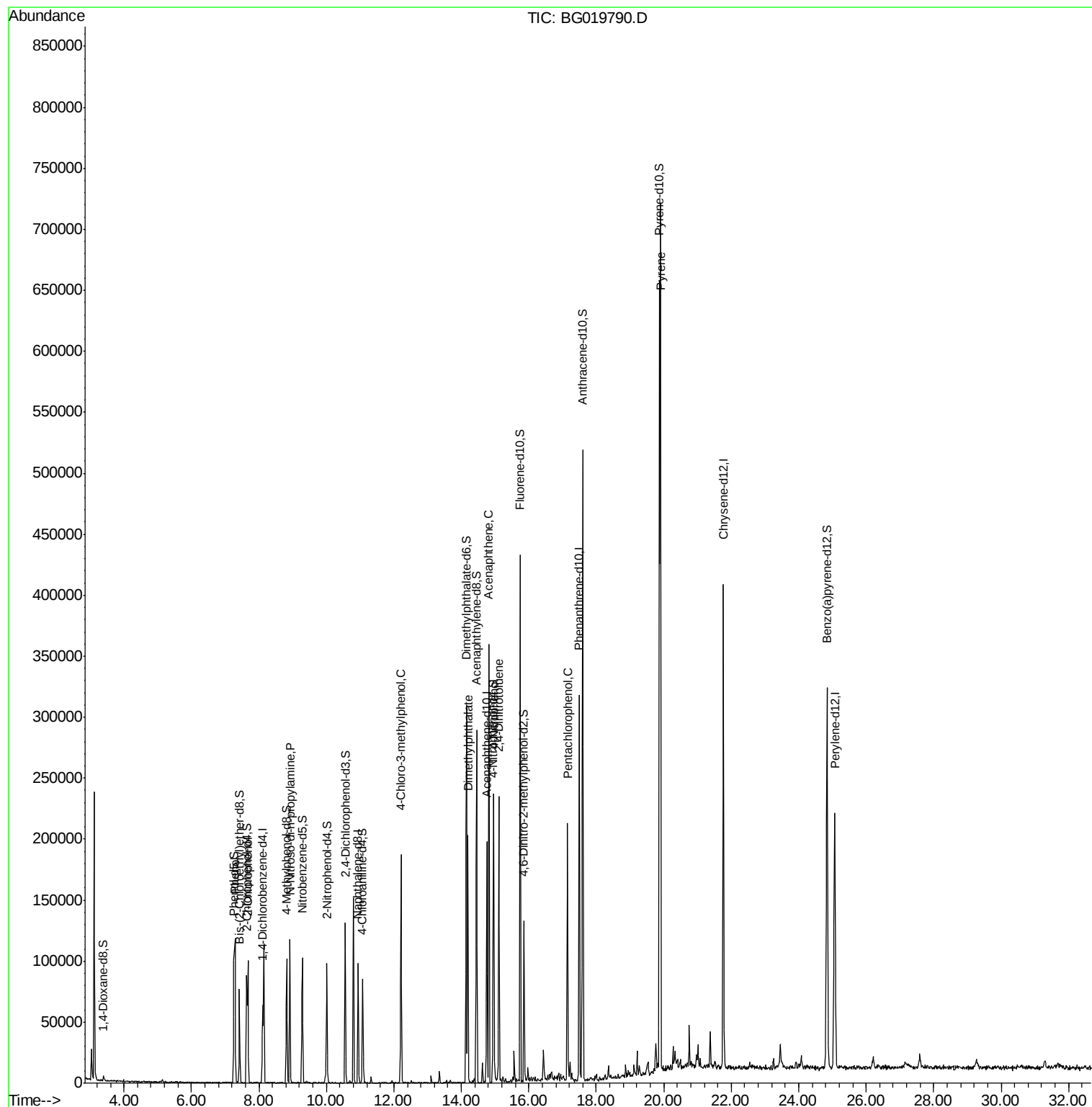
						Qvalue
6) Phenol	7.29	94	66118	33.89	ng/ul	98
10) 2-Chlorophenol	7.67	128	38096	33.65	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.92	70	55608	33.30	ng/ul#	97
33) 4-Chloro-3-methylphenol	12.21	107	73481	36.53	ng/ul	95
45) Dimethylphthalate	14.20	163	128241	21.12	ng/ul	99
50) Acenaphthene	14.81	153	145242	32.02	ng/ul	96
53) 4-Nitrophenol	14.96	109	38364	32.63	ng/ul	99
55) 2,4-Dinitrotoluene	15.11	165	63923	33.84	ng/ul#	89
69) Pentachlorophenol	17.15	266	43612	31.91	ng/ul	97
80) Pyrene	19.90	202	447614	30.59	ng/ul	96

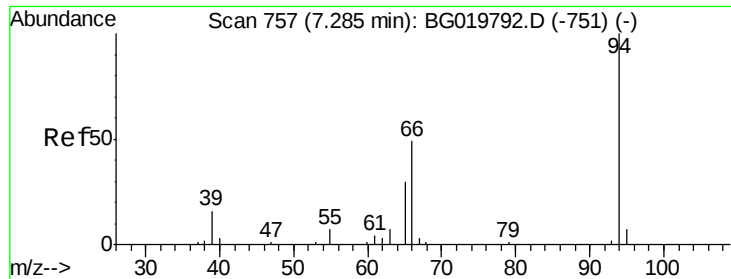
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 01:15:23 2015
Response via : Initial Calibration





#6

Phenol

Concen: 33.89 ng/ul

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

Instrument :

BNA_G

ClientSampled :

A4J69MS

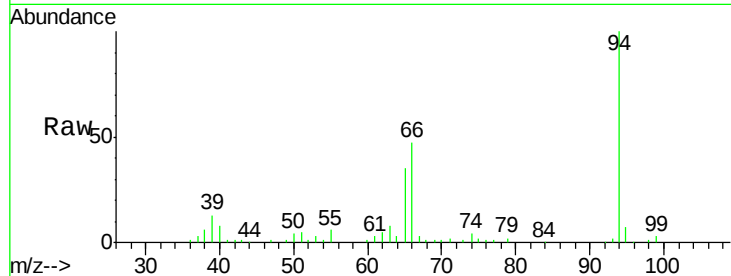
Tgt Ion: 94 Resp: 66118

Ion Ratio Lower Upper

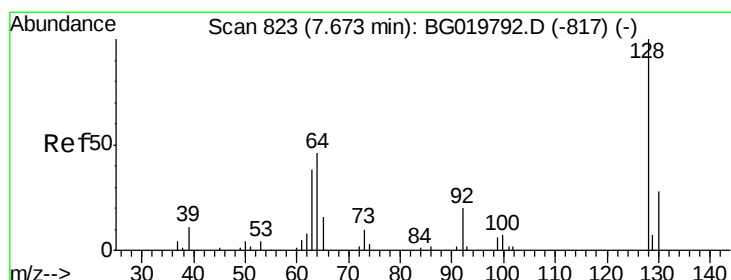
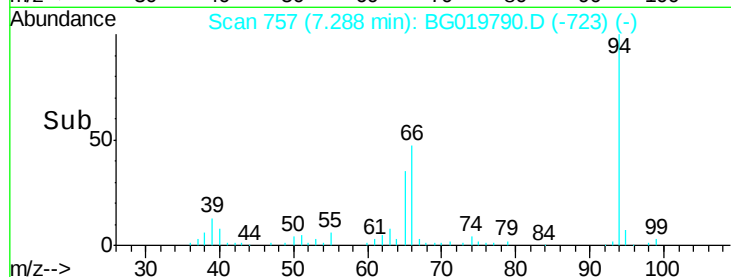
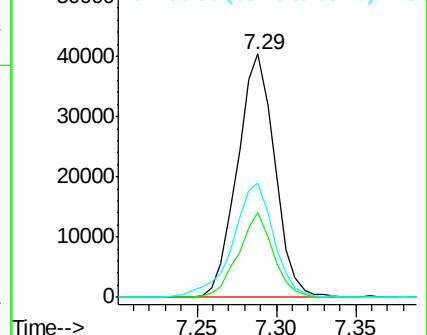
94 100

65 35.0 27.4 41.0

66 46.8 39.0 58.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 33.65 ng/ul

RT: 7.67 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

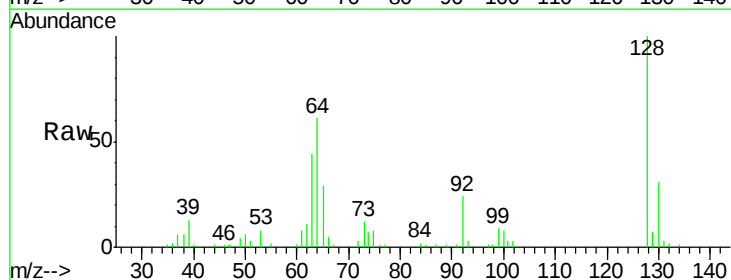
Tgt Ion: 128 Resp: 38096

Ion Ratio Lower Upper

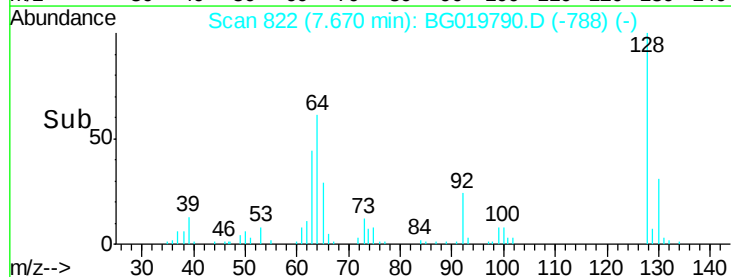
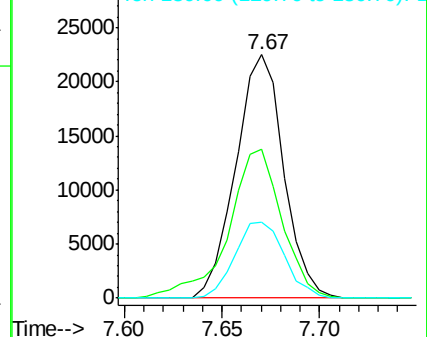
128 100

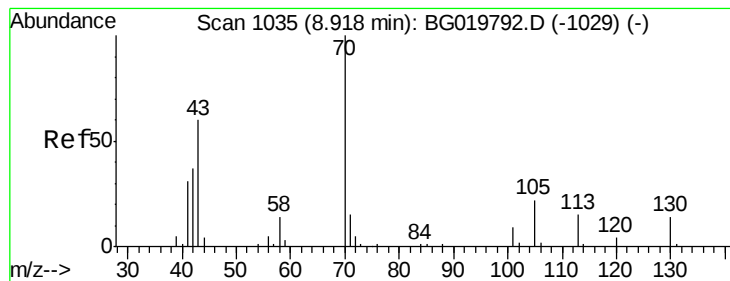
64 61.3 59.4 89.0

130 31.1 28.9 43.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 33.30 ng/ul

RT: 8.92 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

Instrument :

BNA_G

ClientSampleId :

A4J69MS

Tgt Ion: 70 Resp: 55608

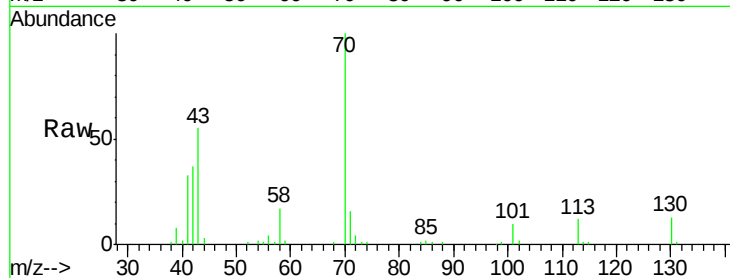
Ion Ratio Lower Upper

70 100

42 36.8 28.4 42.6

101 9.9 5.3 7.9#

130 13.2 10.9 16.3

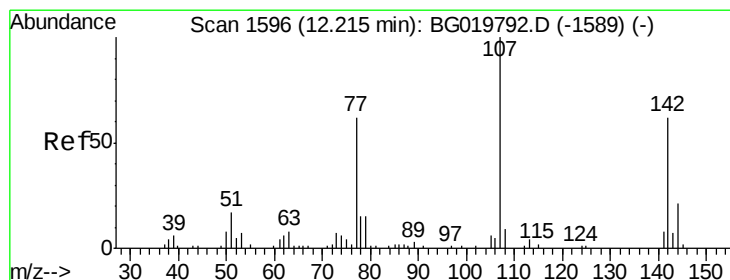
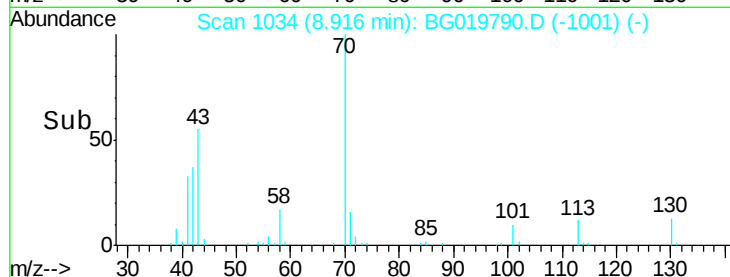
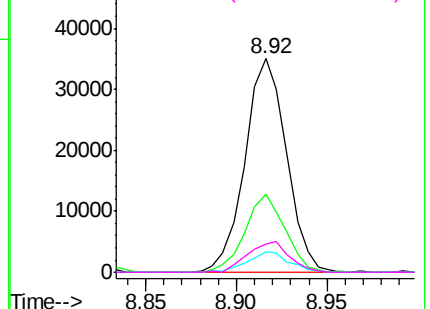


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 36.53 ng/ul

RT: 12.21 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

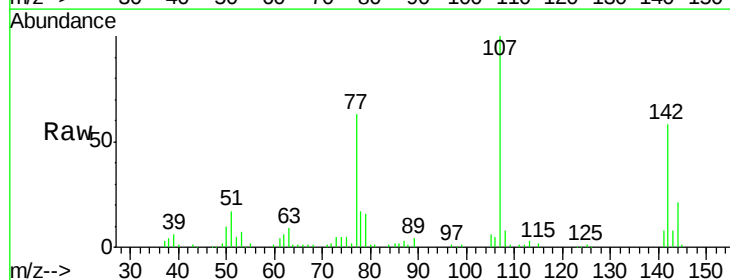
Tgt Ion: 107 Resp: 73481

Ion Ratio Lower Upper

107 100

144 21.1 18.2 27.2

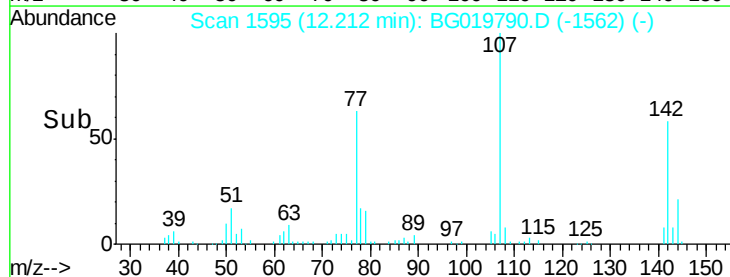
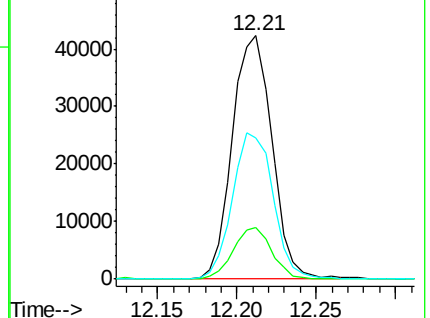
142 58.3 50.1 75.1

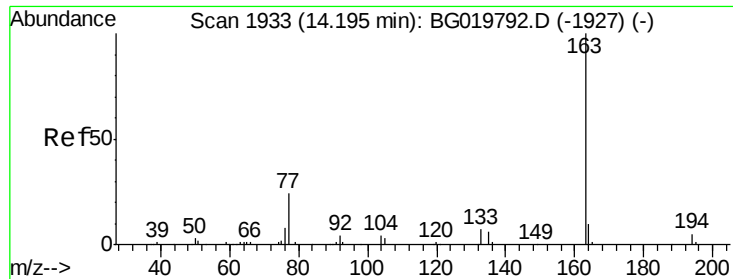


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC





#45

Dimethylphthalate

Concen: 21.12 ng/ul

RT: 14.20 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

Instrument :

BNA_G

ClientSampleId :

A4J69MS

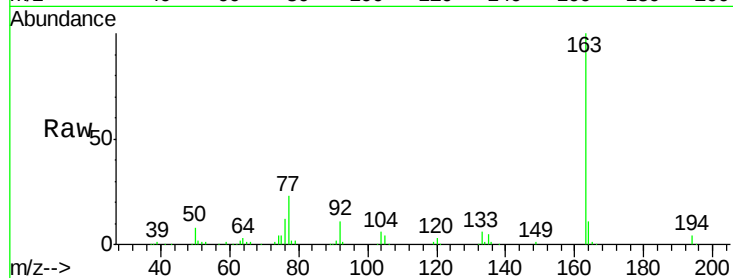
Tgt Ion:163 Resp: 128241

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

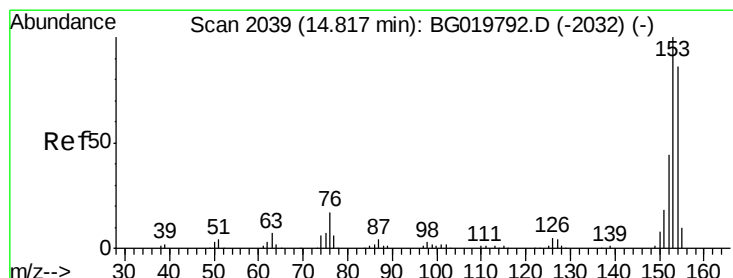
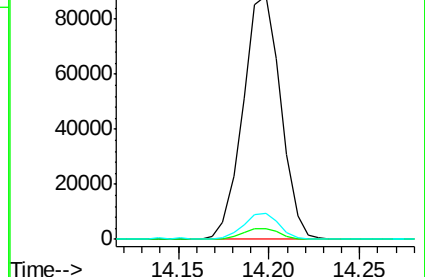
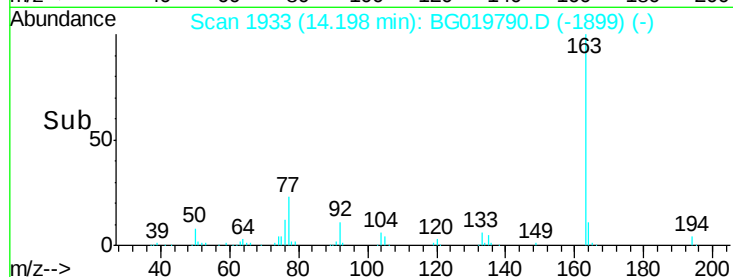
164 10.9 8.3 12.5



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: 32.02 ng/ul

RT: 14.81 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

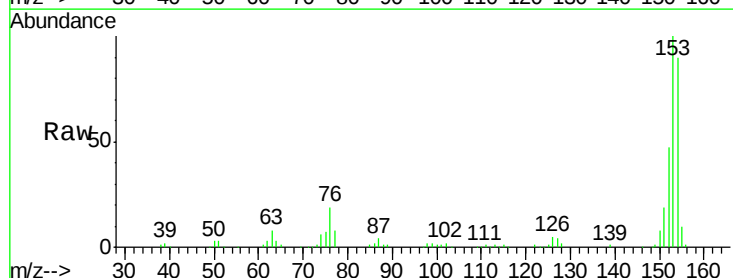
Tgt Ion:153 Resp: 145242

Ion Ratio Lower Upper

153 100

152 47.4 40.9 61.3

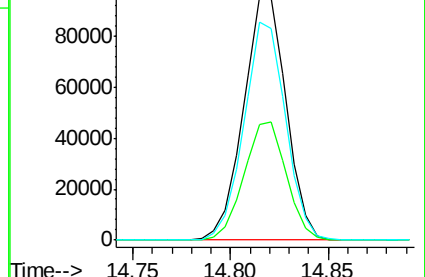
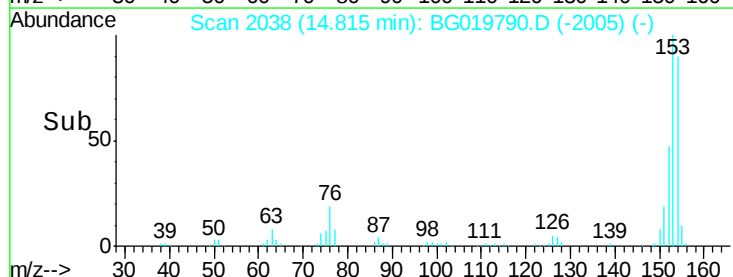
154 89.8 69.1 103.7

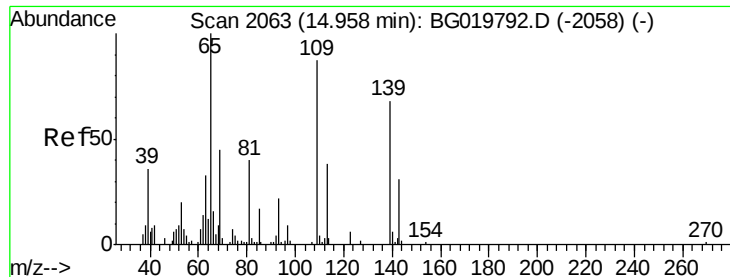


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 32.63 ng/ul

RT: 14.96 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

Instrument :

BNA_G

ClientSampleId :

A4J69MS

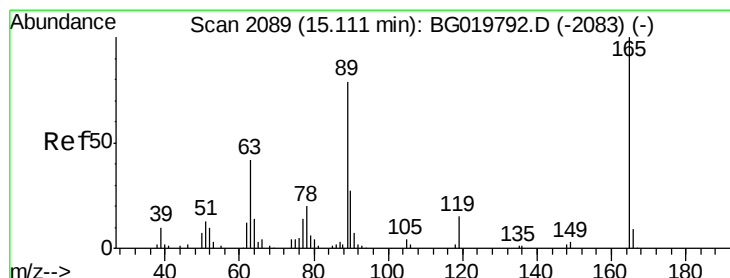
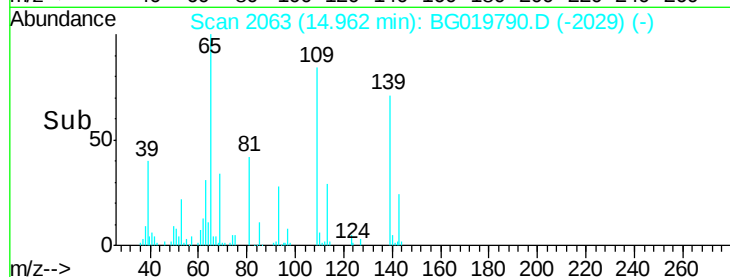
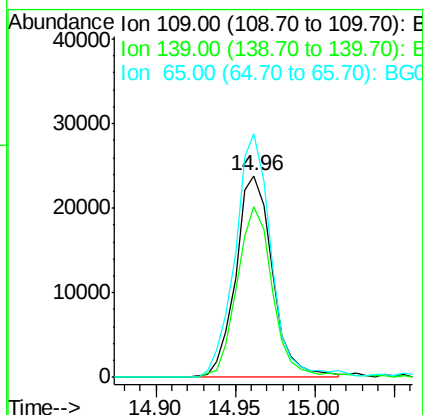
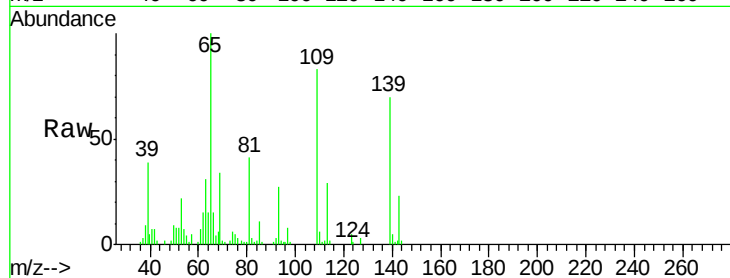
Tgt Ion:109 Resp: 38364

Ion Ratio Lower Upper

109 100

139 84.3 67.8 101.6

65 120.5 94.5 141.7



#55

2,4-Dinitrotoluene

Concen: 33.84 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

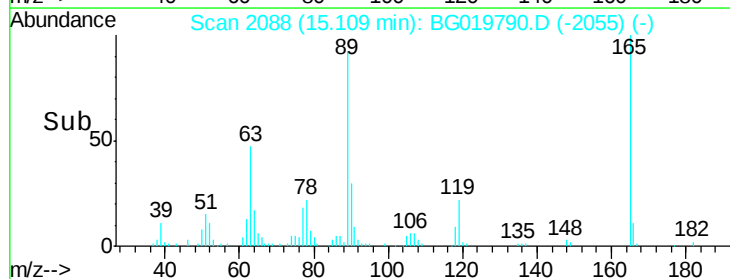
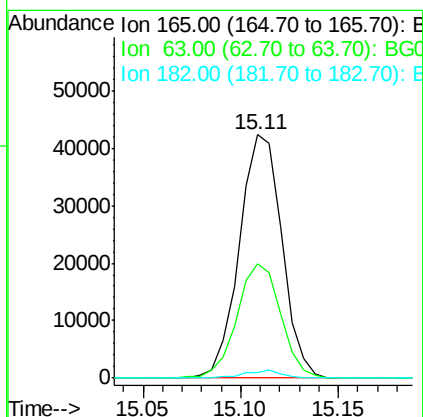
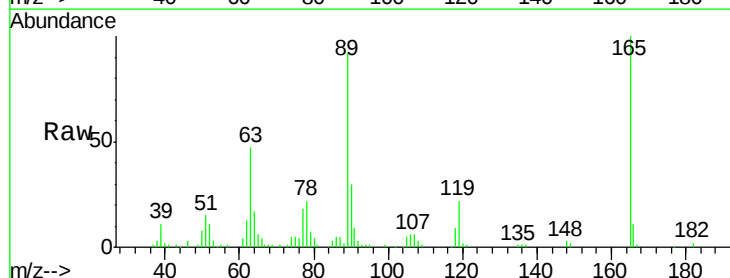
Tgt Ion:165 Resp: 63923

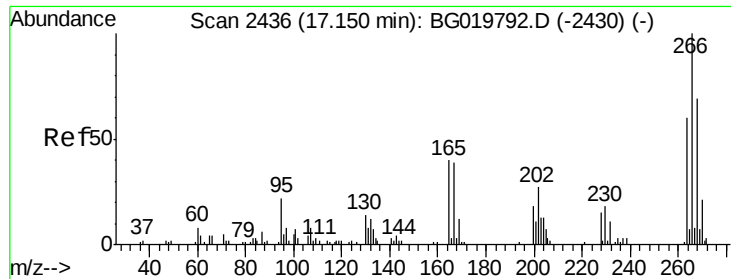
Ion Ratio Lower Upper

165 100

63 47.1 44.2 66.2

182 2.4 2.6 3.8#





#69

Pentachlorophenol

Concen: 31.91 ng/ul

RT: 17.15 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

Instrument :

BNA_G

ClientSampleId :

A4J69MS

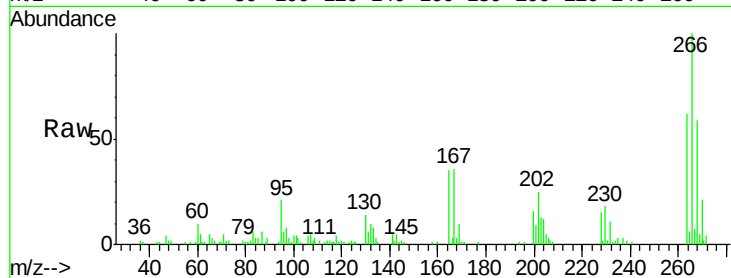
Tgt Ion:266 Resp: 43612

Ion Ratio Lower Upper

266 100

264 61.6 51.8 77.8

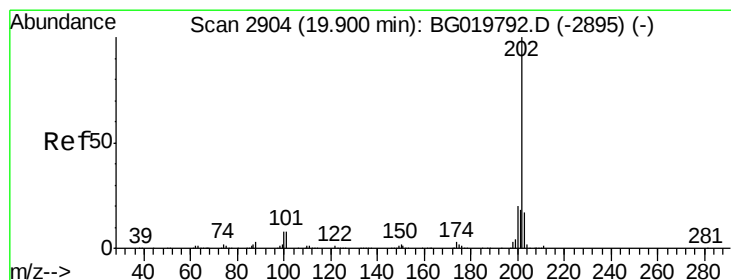
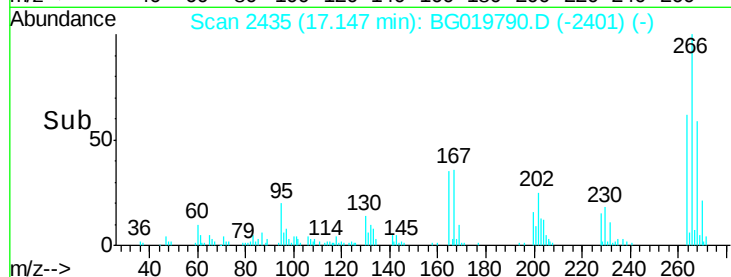
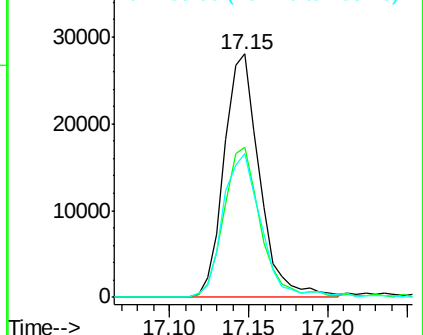
268 59.2 46.8 70.2



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: 30.59 ng/ul

RT: 19.90 min Scan# 2904

Delta R.T. 0.00 min

Lab File: BG019790.D

Acq: 22 Nov 2015 19:37

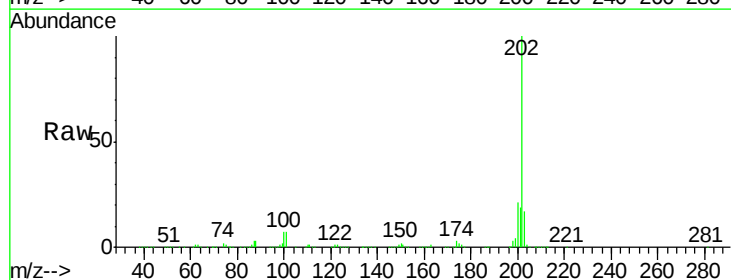
Tgt Ion:202 Resp: 447614

Ion Ratio Lower Upper

202 100

101 7.3 7.0 10.6

100 6.8 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

