

Data Path : V:\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 00:45:17 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

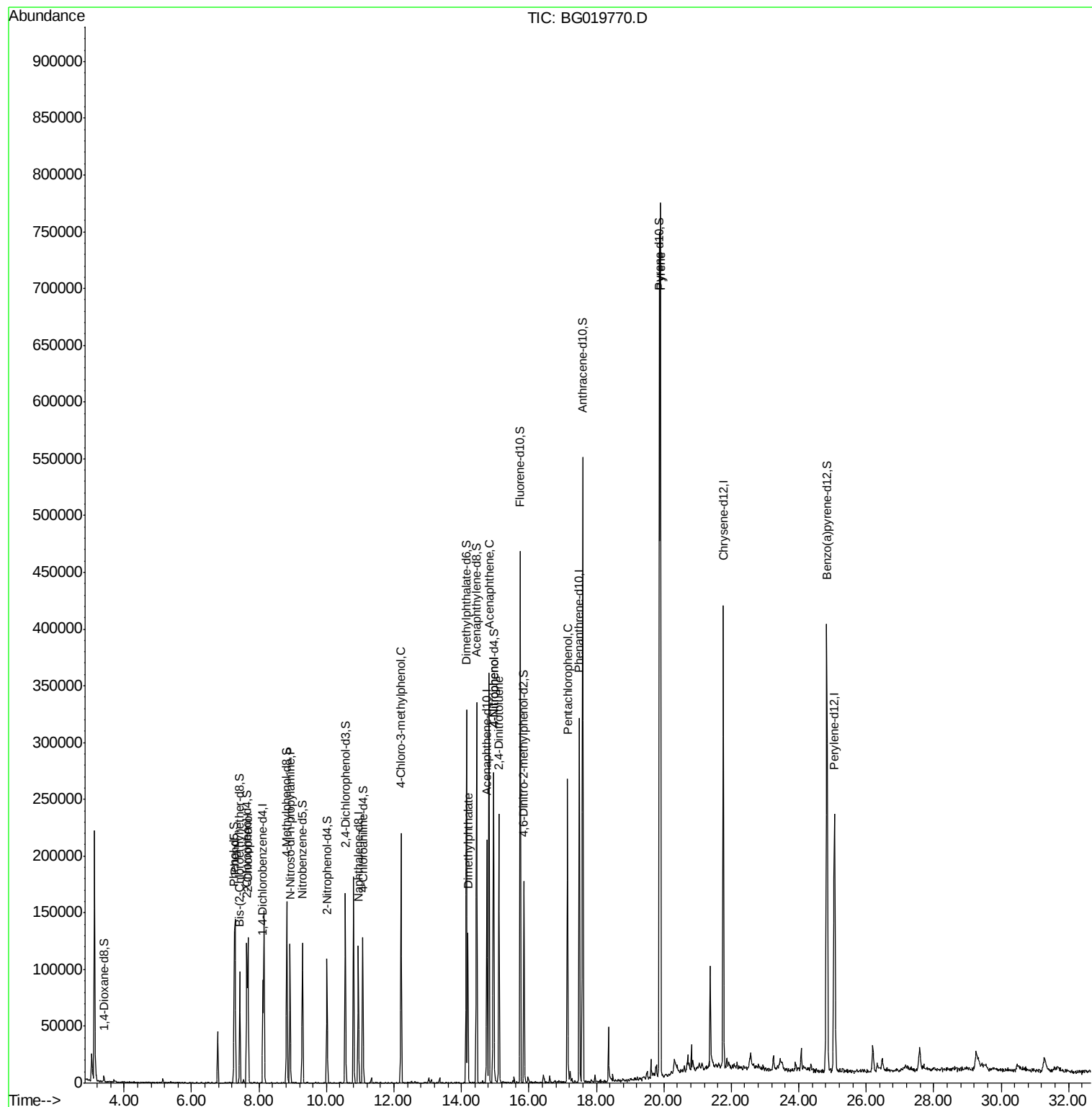
						Ovalue
6) Phenol	7.29	94	80846	30.56	ng/ul	98
10) 2-Chlorophenol	7.68	128	48671	31.70	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.92	70	59328	26.20	ng/ul#	99
33) 4-Chloro-3-methylphenol	12.21	107	80252	33.28	ng/ul	98
45) Dimethylphthalate	14.20	163	80111	12.24	ng/ul	100
50) Acenaphthene	14.82	153	147182	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

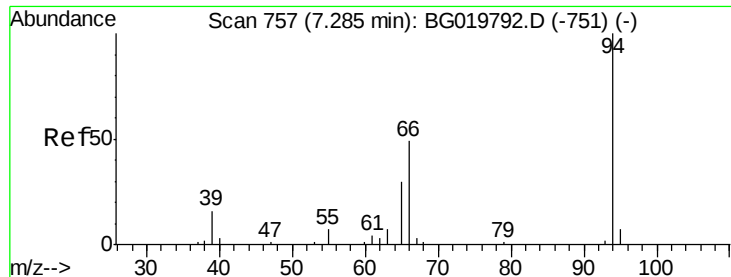
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 00:37:41 2015
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

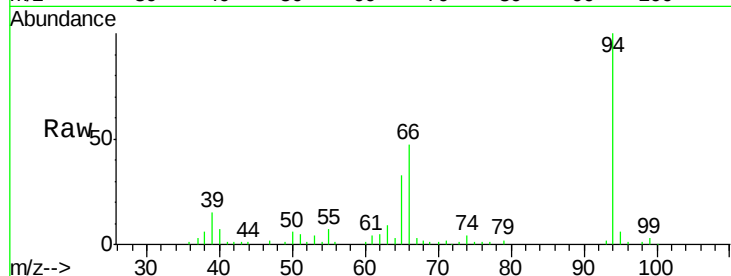
Tot Ion: 94 Resp: 80846

Ion Ratio Lower Upper

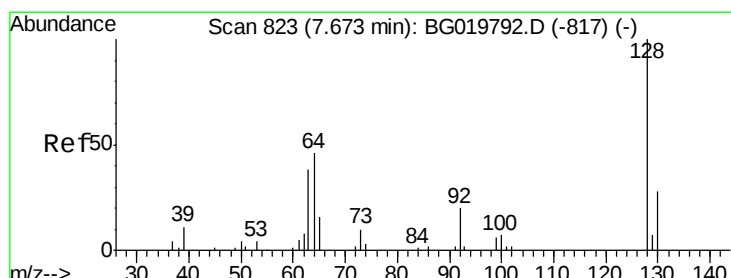
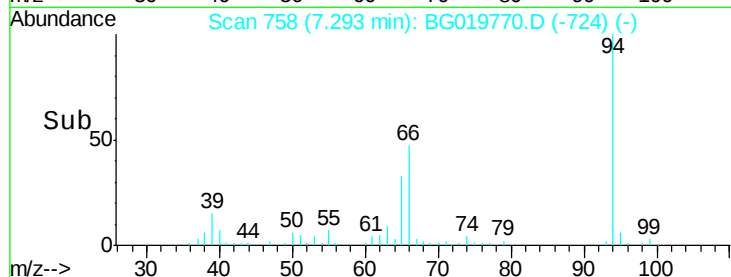
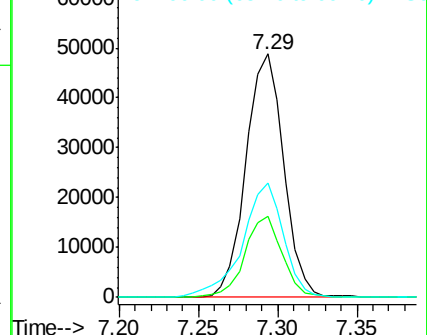
94 100

65 33.3 27.4 41.0

66 46.9 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: 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

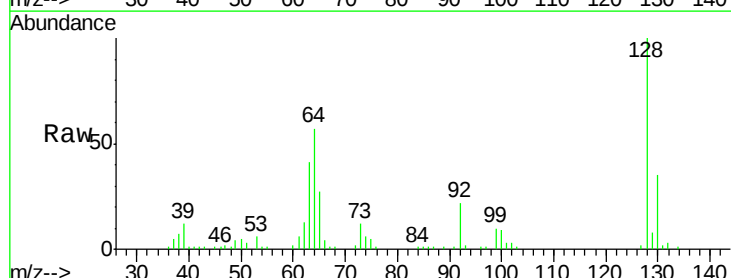
Tgt Ion: 128 Resp: 48671

Ion Ratio Lower Upper

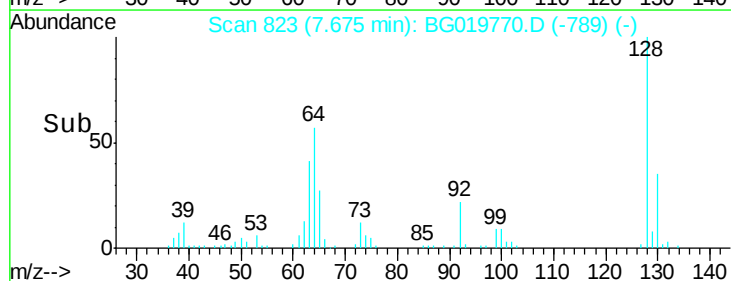
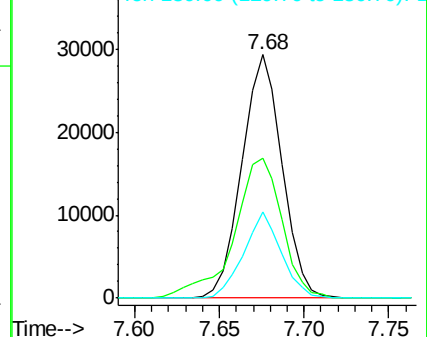
128 100

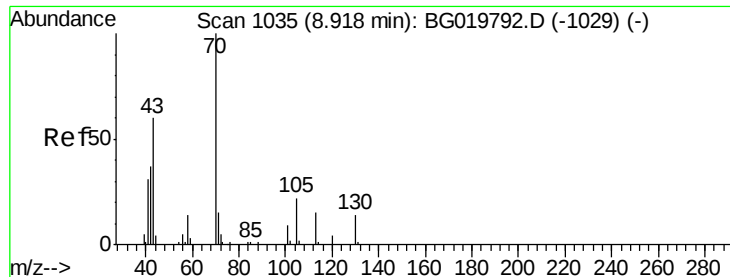
64 57.3 59.4 89.0#

130 35.5 28.9 43.3



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: 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

Instrument :

BNA_G

ClientSampleId :

D9KL3MS

Tot Ion: 70 Resp: 59328

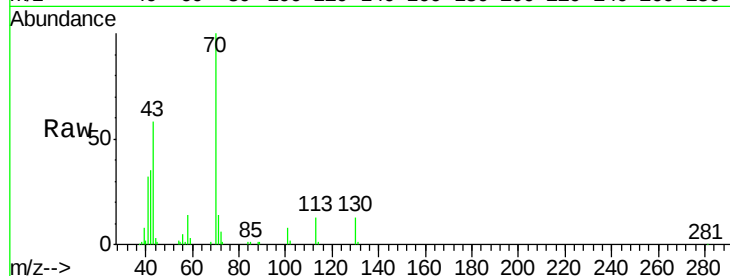
Ion Ratio Lower Upper

70 100

42 35.3 28.4 42.6

101 8.3 5.3 7.9#

130 12.9 10.9 16.3

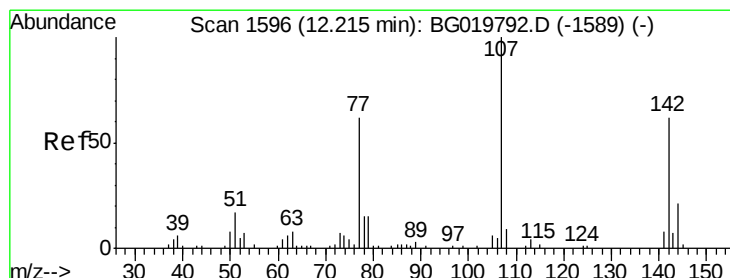
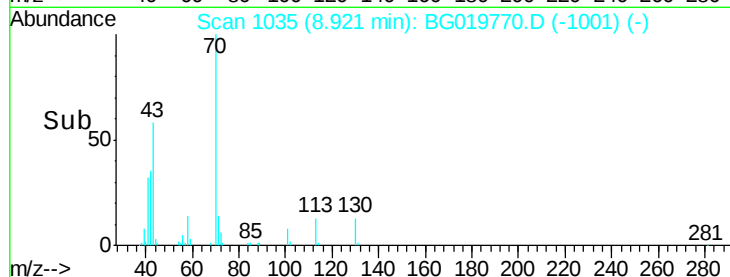
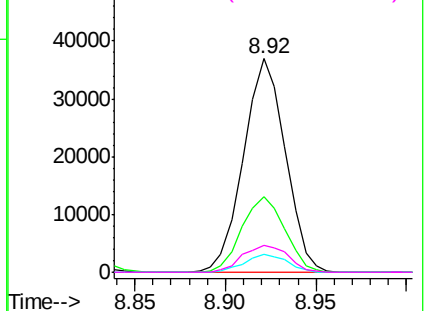


Abundance Ion 70.00 (69.70 to 70.70): BG019770.D (-1001) (-)

Ion 42.00 (41.70 to 42.70): BG019770.D (-1001) (-)

Ion 101.00 (100.70 to 101.70): BG019770.D (-1001) (-)

Ion 130.00 (129.70 to 130.70): BG019770.D (-1001) (-)



#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

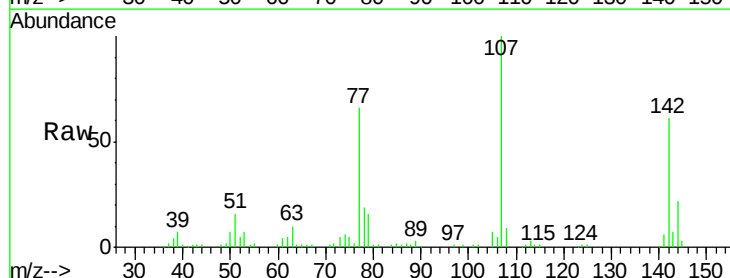
Tgt Ion: 107 Resp: 80252

Ion Ratio Lower Upper

107 100

144 21.8 18.2 27.2

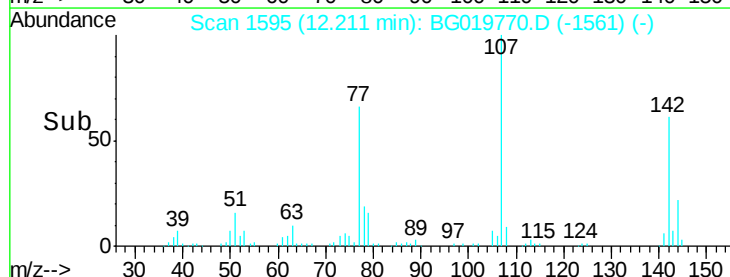
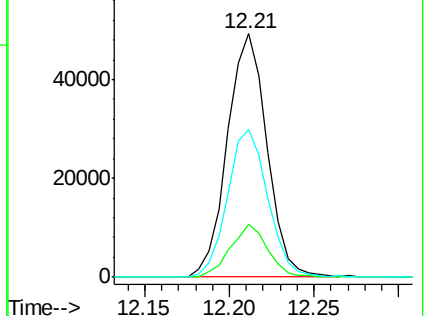
142 60.5 50.1 75.1

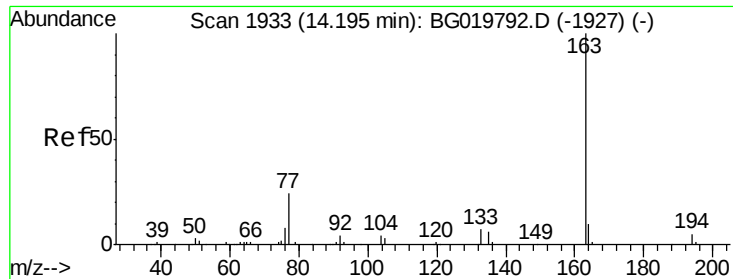


Abundance Ion 107.00 (106.70 to 107.70): BG019770.D (-1561) (-)

Ion 144.00 (143.70 to 144.70): BG019770.D (-1561) (-)

Ion 142.00 (141.70 to 142.70): BG019770.D (-1561) (-)

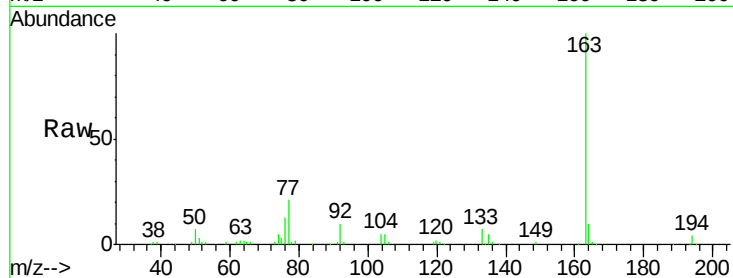




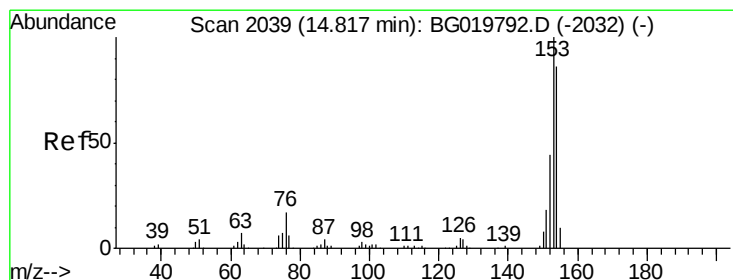
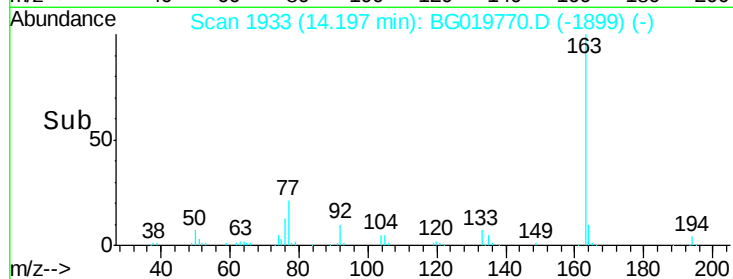
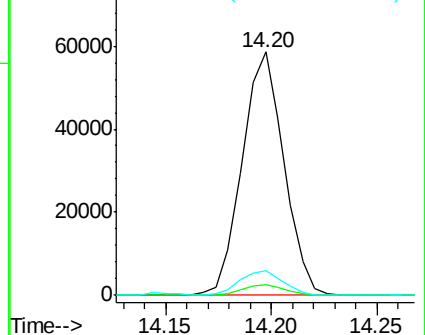
#45
Dimethylphthalate
Concen: 12.24 ng/ul
RT: 14.20 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG019770.D
Acq: 22 Nov 2015 2:08

Instrument :
BNA_G
ClientSampleId :
D9KL3MS

Tot Ion:163 Resp: 80111
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 8.3 12.5

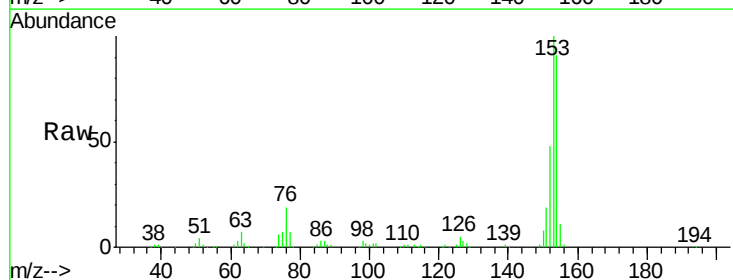


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

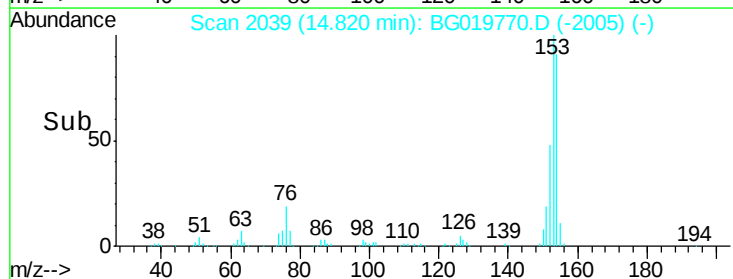
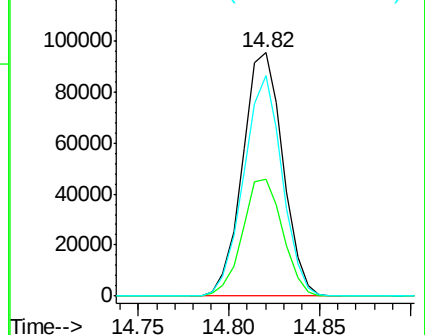


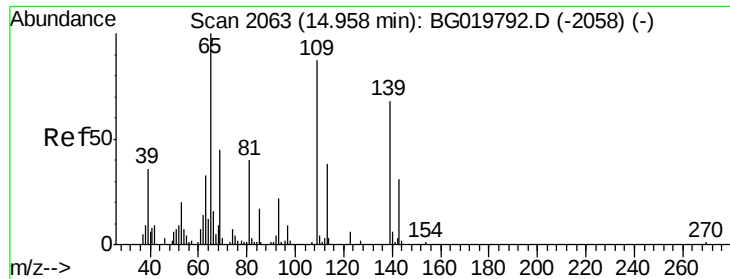
#50
Acenaphthene
Concen: 30.11 ng/ul
RT: 14.82 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG019770.D
Acq: 22 Nov 2015 2:08

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

Instrument :

BNA_G

ClientSampleId :

D9KL3MS

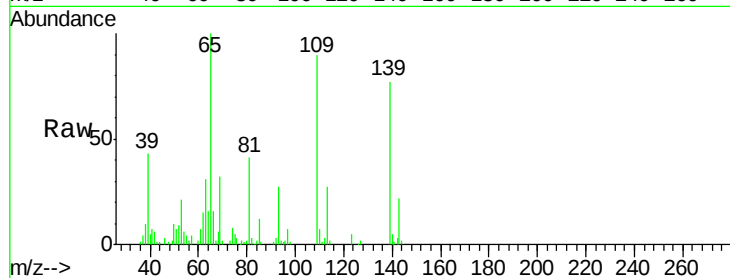
Tot Ion:109 Resp: 44845

Ion Ratio Lower Upper

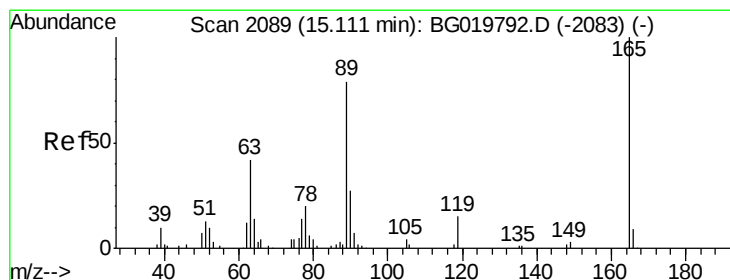
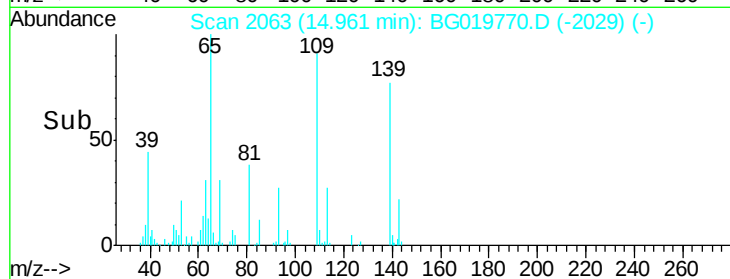
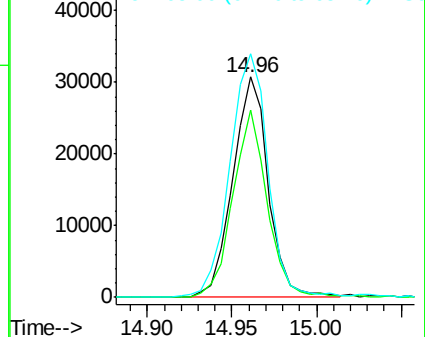
109 100

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): BGC



#55

2,4-Dinitrotoluene

Concen: 32.44 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG019770.D

Acq: 22 Nov 2015 2:08

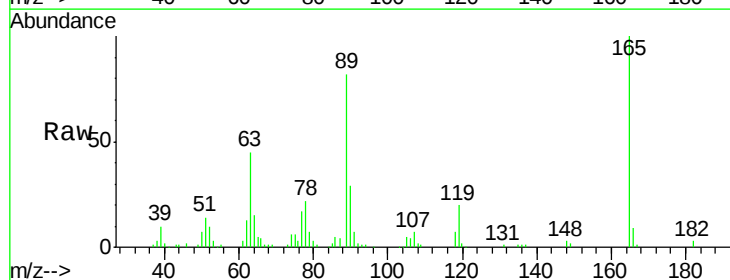
Tgt Ion:165 Resp: 66046

Ion Ratio Lower Upper

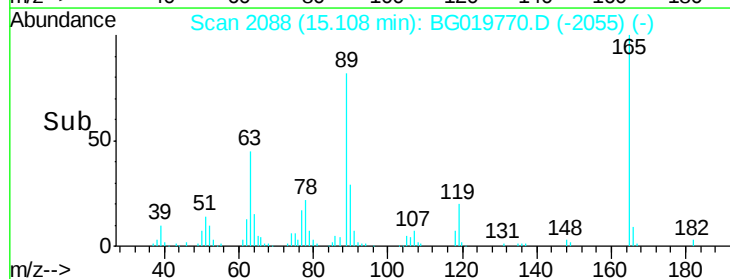
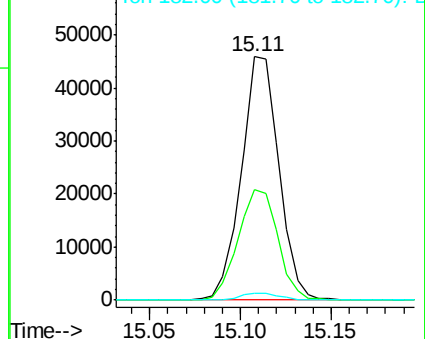
165 100

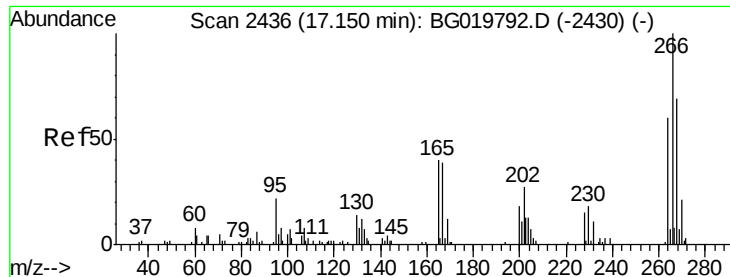
63 45.4 44.2 66.2

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): BGC
Ion 182.00 (181.70 to 182.70): E

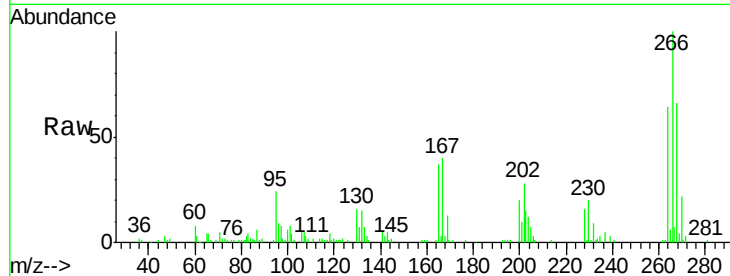




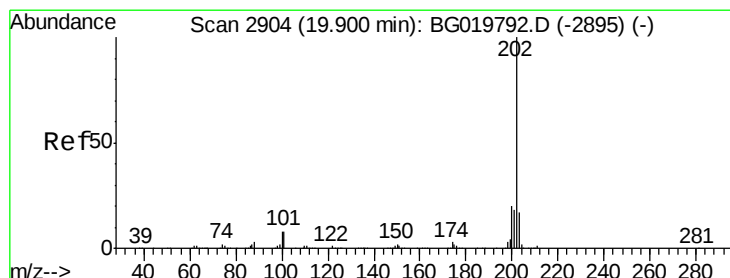
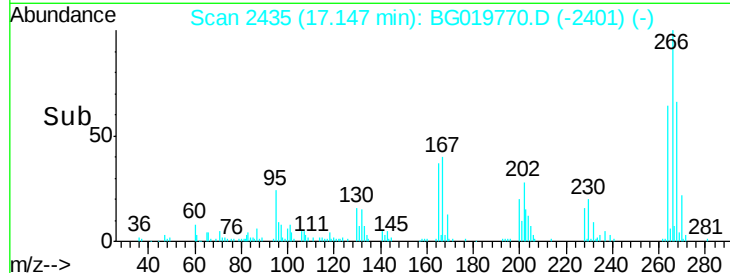
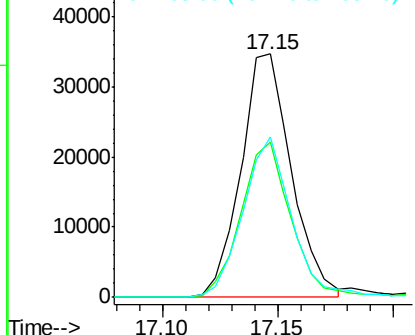
#69
 Pentachlorophenol
 Concen: 36.47 ng/ul
 RT: 17.15 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG019770.D
 Acq: 22 Nov 2015 2:08

Instrument :
 BNA_G
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 D9KL3MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.6	51.8	77.8
268	69.5	46.8	70.2

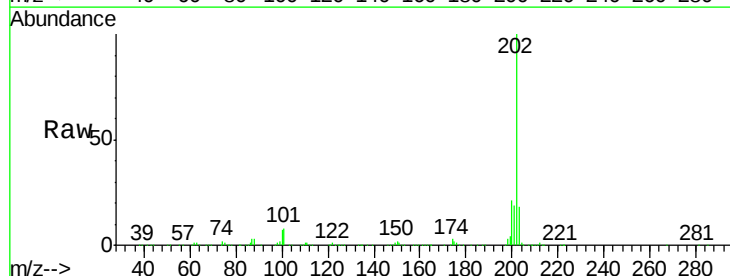


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 31.05 ng/ul
 RT: 19.90 min Scan# 2904
 Delta R.T. 0.00 min
 Lab File: BG019770.D
 Acq: 22 Nov 2015 2:08

Tgt 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

