

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111015\
 Data File : BG019560.D
 Acq On : 11 Nov 2015 00:42
 Operator : UM/NP
 Sample : G4308-16MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KR2MSD

Quant Time: Nov 13 08:39:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 08:28:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	40968	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	178266	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	148205	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	412815	20.00	ng/ul	0.00
78) Chrysene-d12	21.82	240	535362	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	512483	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	980	1.15	ng/uL	0.00
5) Phenol-d5	7.32	99	24334	6.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	74634	31.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	56208	23.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	46589	15.55	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	36626	27.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	44020	28.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	85176	25.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	1913	0.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	374055	30.61	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	385530	28.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	11738	6.05	ng/ul	0.00
58) Fluorene-d10	15.80	176	314440	27.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	66424	24.86	ng/ul	0.00
71) Anthracene-d10	17.65	188	542408	28.82	ng/ul	0.00
79) Pyrene-d10	19.92	212	645577	27.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	737478	28.68	ng/ul	0.00

Target Compounds

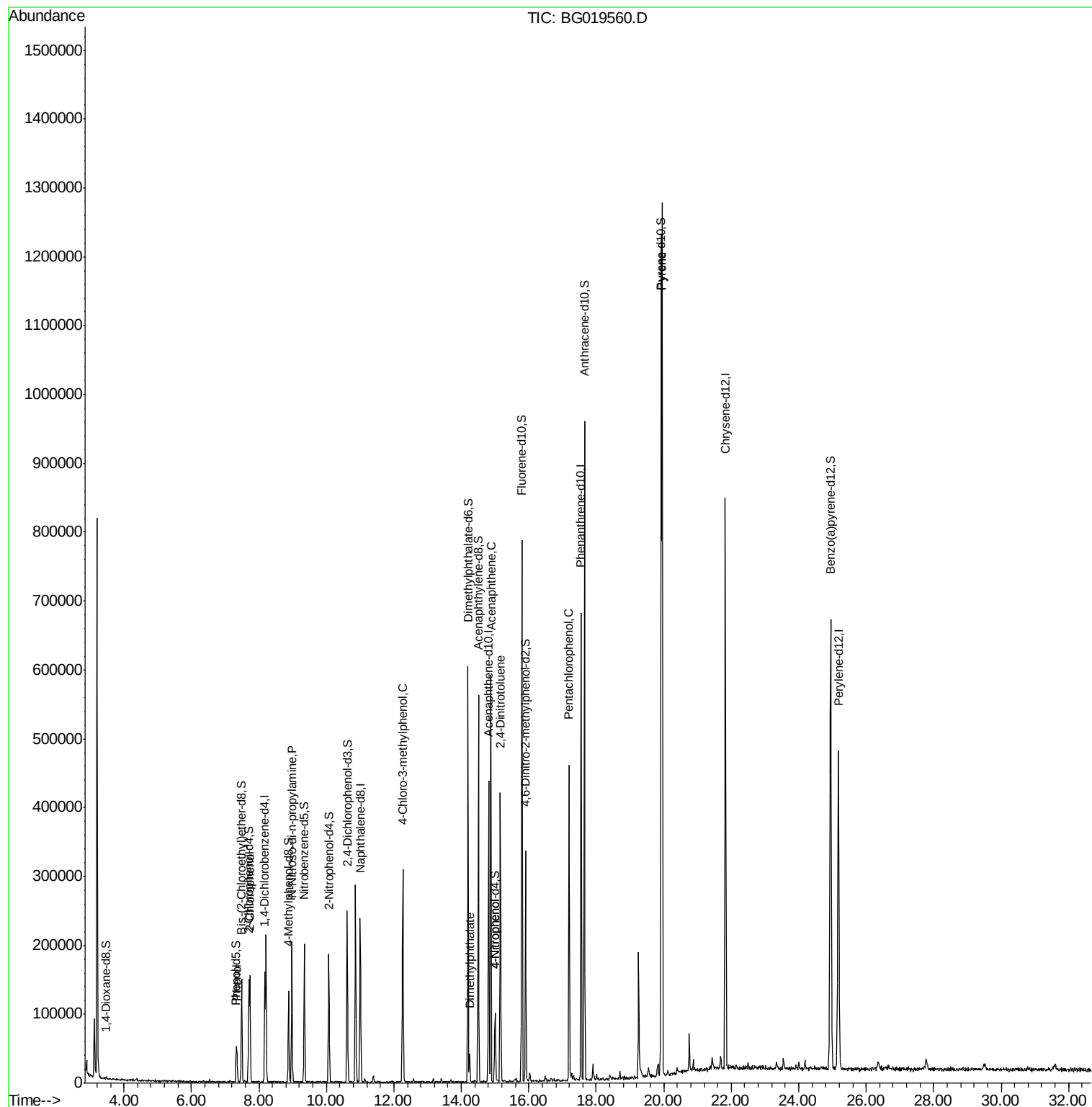
						Ovalue
6) Phenol	7.35	94	27692	6.91	ng/ul	95
10) 2-Chlorophenol	7.74	128	55582	23.00	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.97	70	98981	30.03	ng/ul	91
33) 4-Chloro-3-methylphenol	12.27	107	108573	25.08	ng/ul#	93
45) Dimethylphthalate	14.25	163	24353	1.95	ng/ul#	97
50) Acenaphthene	14.87	153	248275	26.52	ng/ul	96
53) 4-Nitrophenol	15.00	109	15583	5.15	ng/ul#	60
55) 2,4-Dinitrotoluene	15.16	165	106739	26.72	ng/ul#	83
69) Pentachlorophenol	17.19	266	79905	26.00	ng/ul	96
80) Pyrene	19.95	202	770682	25.65	ng/ul#	90

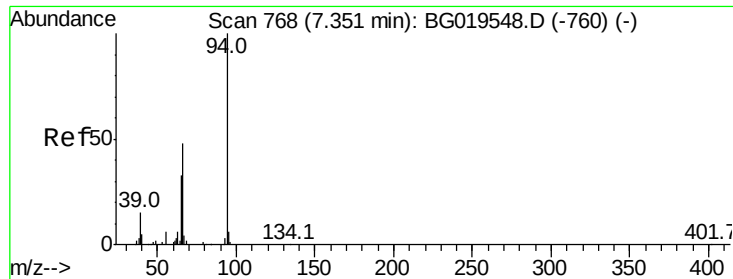
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.91 ng/ul

RT: 7.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG019560.D

Acq: 11 Nov 2015 00:42

Instrument :

BNA_G

ClientSampleId :

D9KR2MSD

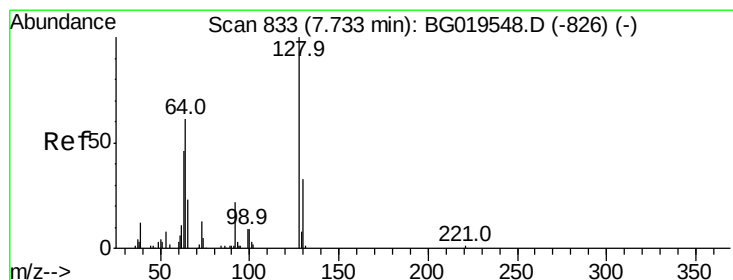
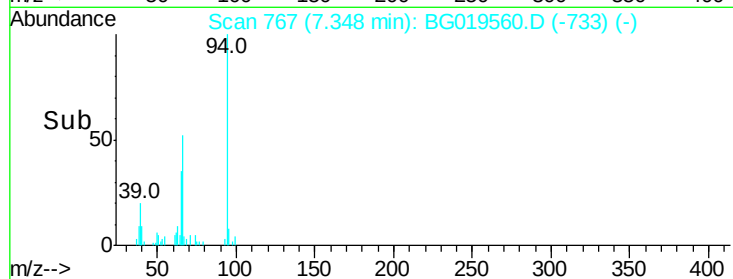
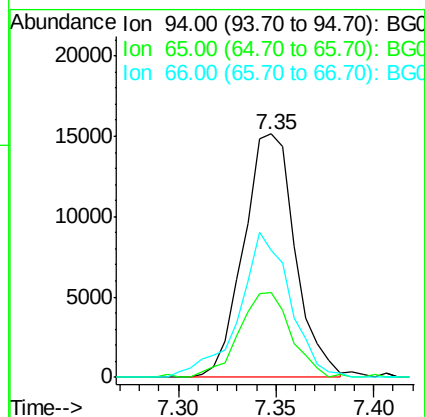
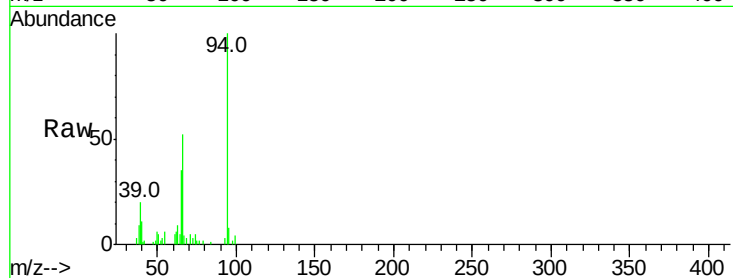
Tot Ion: 94 Resp: 27692

Ion Ratio Lower Upper

94 100

65 34.6 29.3 43.9

66 52.2 45.0 67.6



#10

2-Chlorophenol

Concen: 23.00 ng/ul

RT: 7.74 min Scan# 833

Delta R.T. 0.00 min

Lab File: BG019560.D

Acq: 11 Nov 2015 00:42

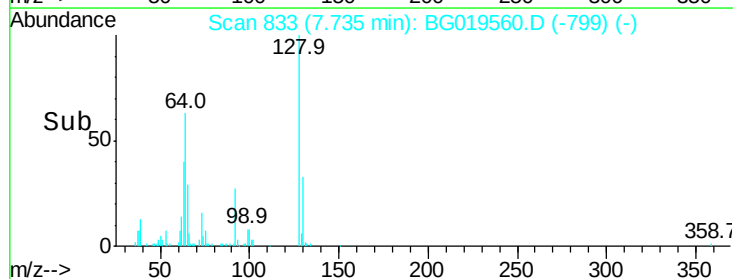
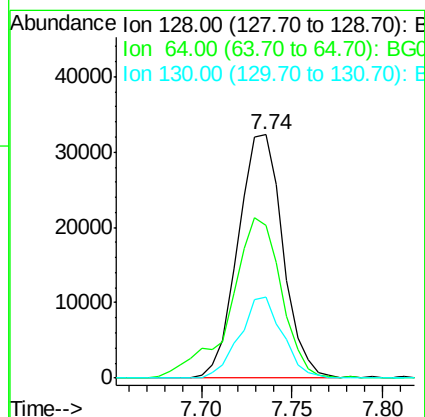
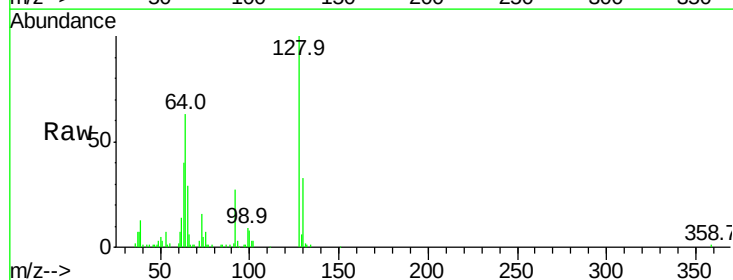
Tgt Ion: 128 Resp: 55582

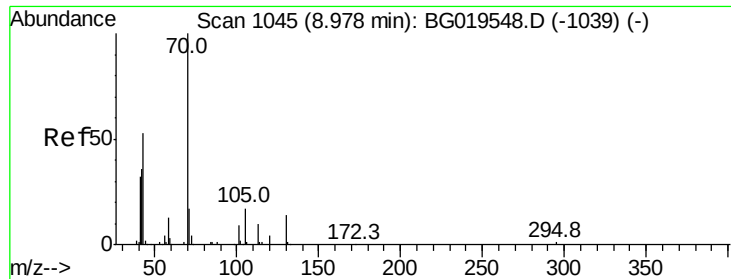
Ion Ratio Lower Upper

128 100

64 62.9 53.2 79.8

130 33.1 25.9 38.9

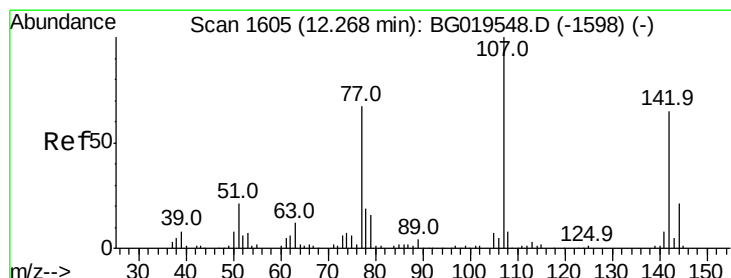
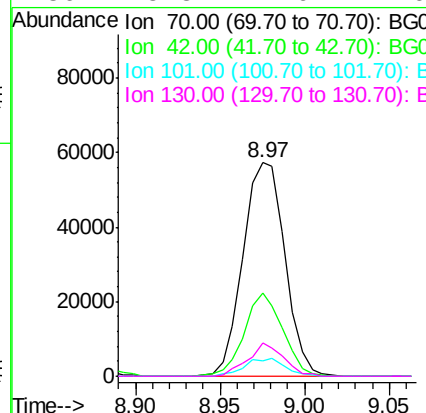
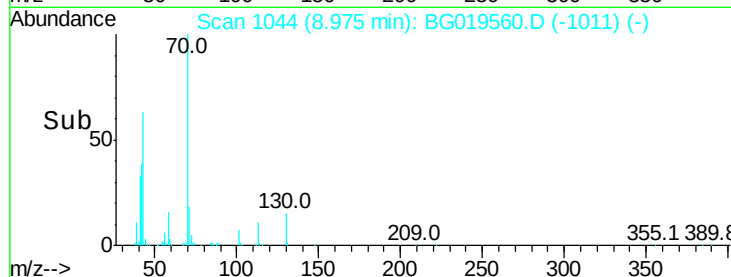
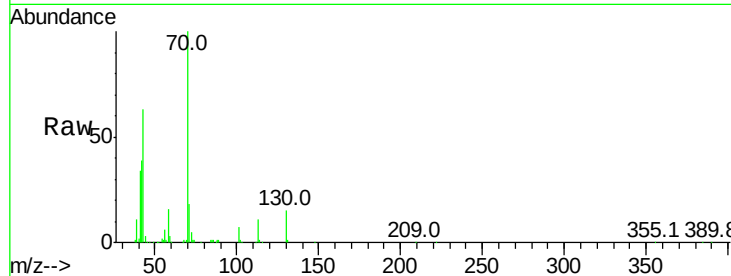




#15
N-Nitroso-di-n-propylamine
Concen: 30.03 ng/ul
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG019560.D
Acq: 11 Nov 2015 00:42

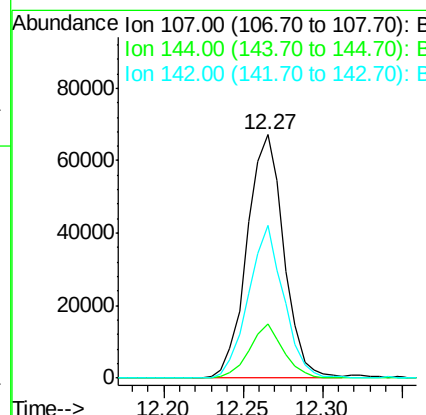
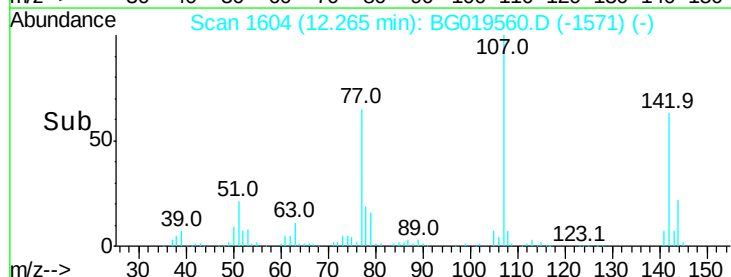
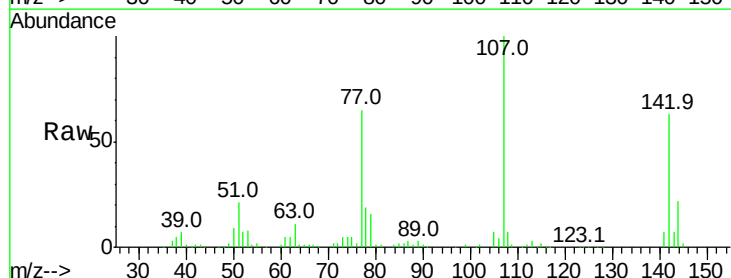
Instrument :
BNA_G
ClientSampleId :
D9KR2MSD

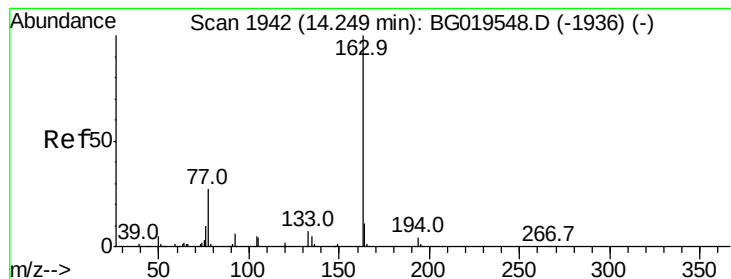
Tot Ion:	70	Resp:	98981
Ion	Ratio	Lower	Upper
70	100		
42	38.8	36.6	55.0
101	7.2	5.8	8.8
130	15.3	14.6	22.0



#33
4-Chloro-3-methylphenol
Concen: 25.08 ng/ul
RT: 12.27 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BG019560.D
Acq: 11 Nov 2015 00:42

Tgt Ion:	107	Resp:	108573
Ion	Ratio	Lower	Upper
107	100		
144	22.1	13.0	19.6#
142	62.7	47.0	70.6





#45

Dimethylphthalate

Concen: 1.95 ng/ul

RT: 14.25 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG019560.D

Acq: 11 Nov 2015 00:42

Instrument :

BNA_G

ClientSampleId :

D9KR2MSD

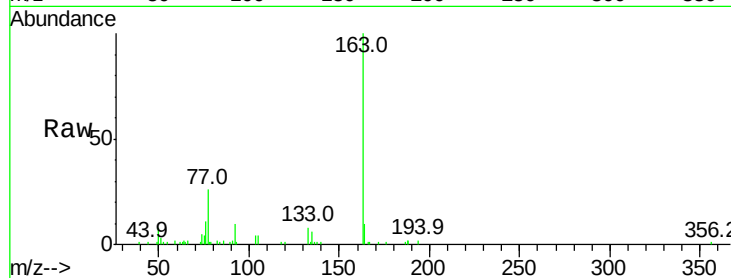
Tot Ion:163 Resp: 24353

Ion Ratio Lower Upper

163 100

194 2.4 4.3 6.5#

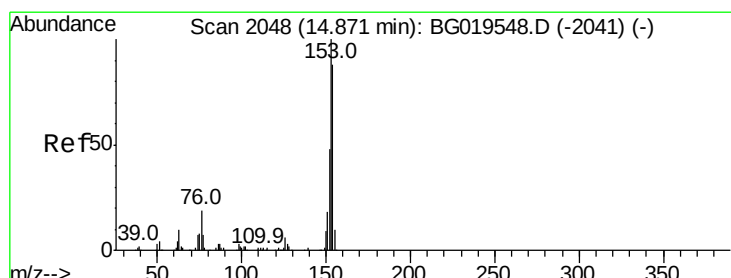
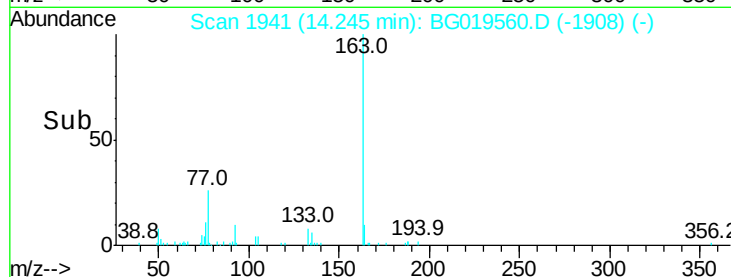
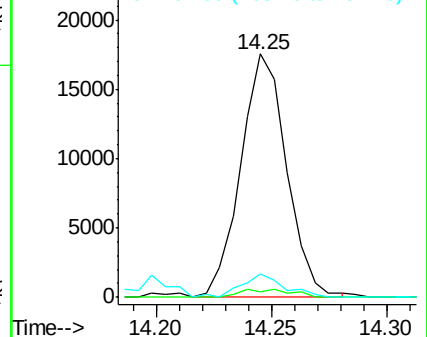
164 9.6 7.5 11.3



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: 26.52 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG019560.D

Acq: 11 Nov 2015 00:42

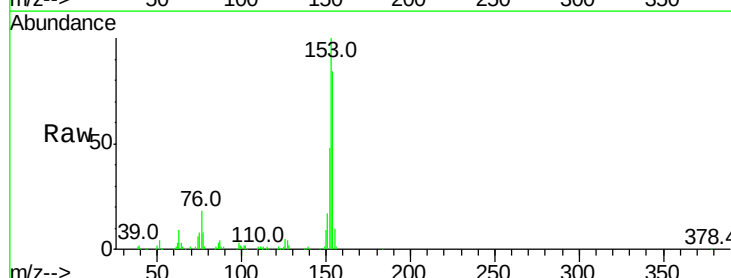
Tgt Ion:153 Resp: 248275

Ion Ratio Lower Upper

153 100

152 48.3 38.8 58.2

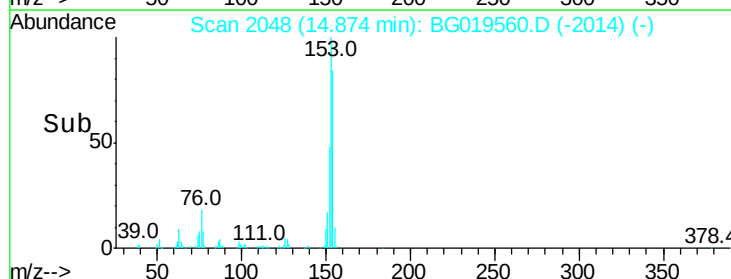
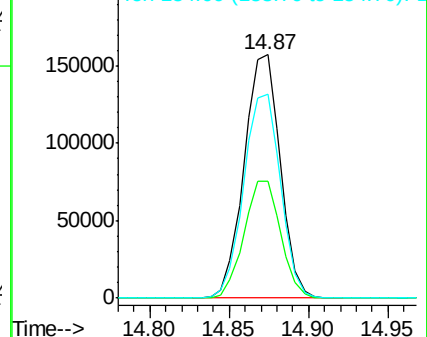
154 83.6 71.5 107.3

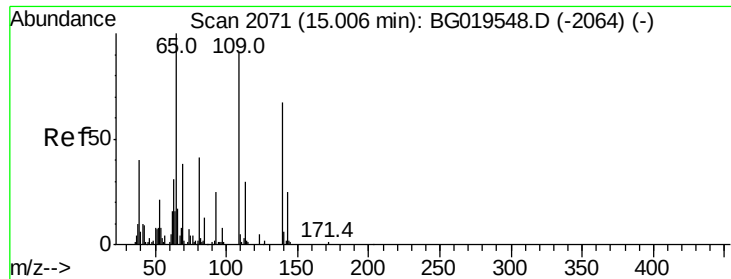


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

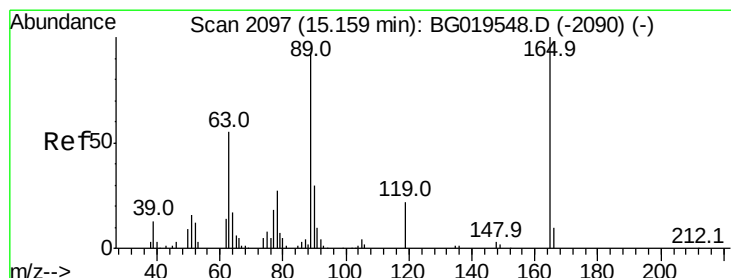
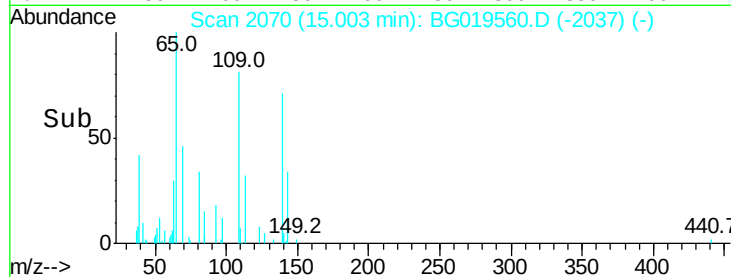
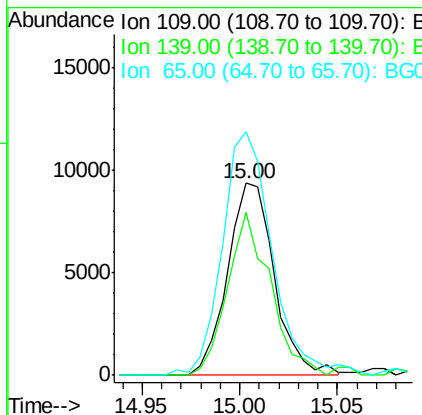
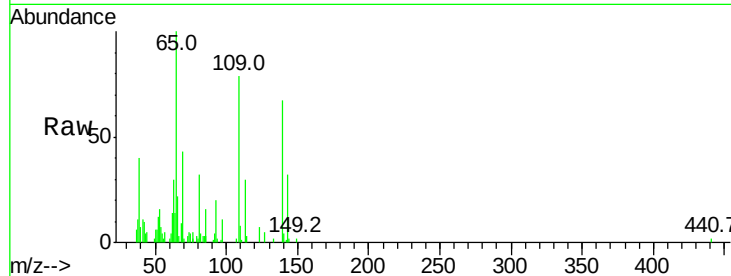




#53
4-Nitrophenol
Concen: 5.15 ng/ul
RT: 15.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG019560.D
Acq: 11 Nov 2015 00:42

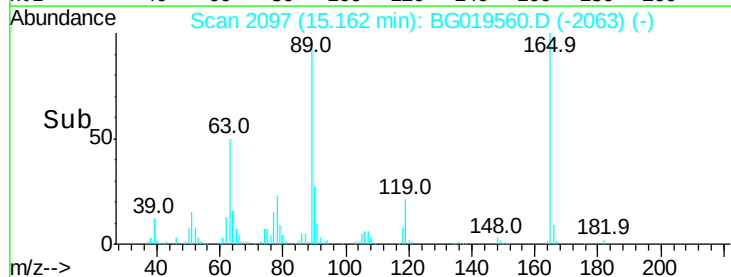
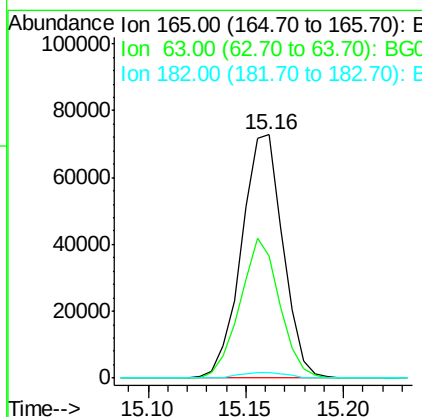
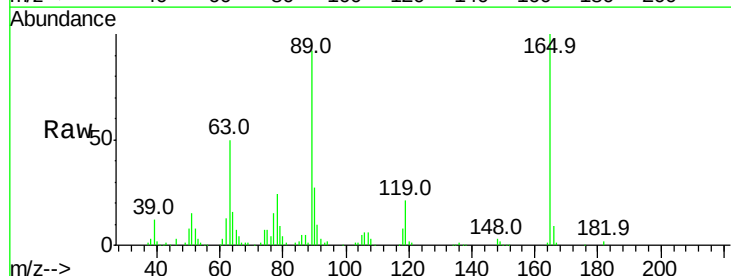
Instrument :
BNA_G
ClientSampleId :
D9KR2MSD

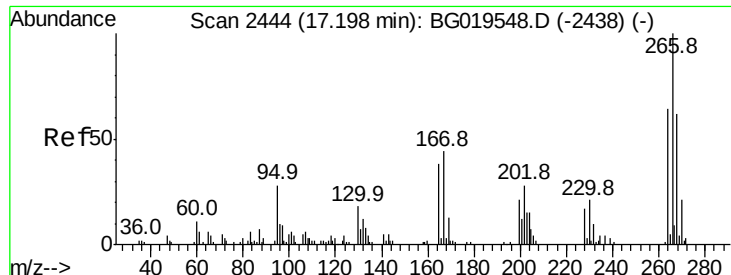
Tot Ion:109 Resp: 15583
Ion Ratio Lower Upper
109 100
139 84.7 41.5 62.3#
65 126.8 73.7 110.5#



#55
2,4-Dinitrotoluene
Concen: 26.72 ng/ul
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG019560.D
Acq: 11 Nov 2015 00:42

Tgt Ion:165 Resp: 106739
Ion Ratio Lower Upper
165 100
63 50.2 51.1 76.7#
182 2.4 3.3 4.9#

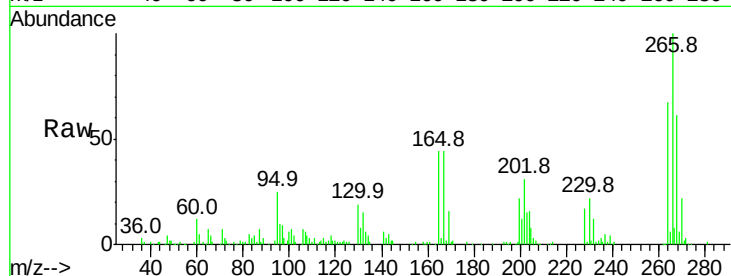




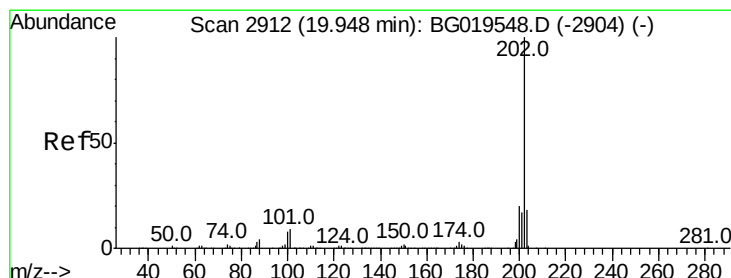
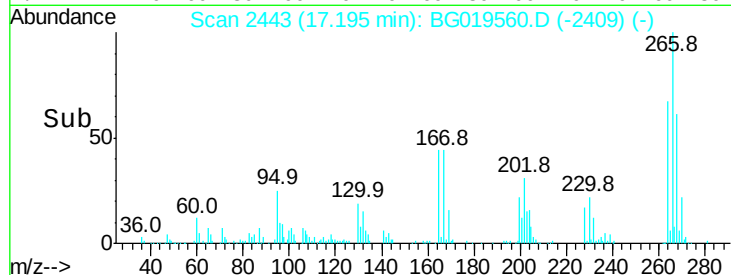
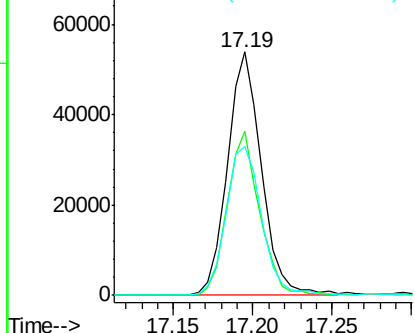
#69
 Pentachlorophenol
 Concen: 26.00 ng/ul
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG019560.D
 Acq: 11 Nov 2015 00:42

Instrument :
 BNA_G
 ClientSampleId :
 D9KR2MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	67.2	49.5	74.3
268	61.3	48.7	73.1

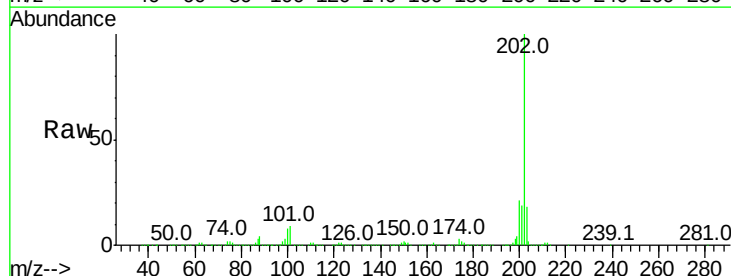


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 25.65 ng/ul
 RT: 19.95 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: BG019560.D
 Acq: 11 Nov 2015 00:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	4.3	6.5#
100	7.6	3.6	5.4#



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

