

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
 Data File : BG019807.D
 Acq On : 23 Nov 2015 12:06
 Operator : UM/NP
 Sample : G4346-07MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4J72MS

Quant Time: Nov 23 18:07:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 04:11:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	73087	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	63355	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	173595	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	223975	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	217753	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	1486	3.76	ng/uL	0.00
5) Phenol-d5	7.26	99	49571	28.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	29316	25.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	29911	26.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	44093	30.80	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	17144	28.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	20609	30.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	46439	31.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	34498	24.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	169775	29.63	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	185723	29.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	25123	27.83	ng/ul	0.00
58) Fluorene-d10	15.74	176	154181	30.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	28859	25.74	ng/ul	0.00
71) Anthracene-d10	17.59	188	247585	29.38	ng/ul	0.00
79) Pyrene-d10	19.87	212	310799	30.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	337178	29.66	ng/ul	-0.01

Target Compounds

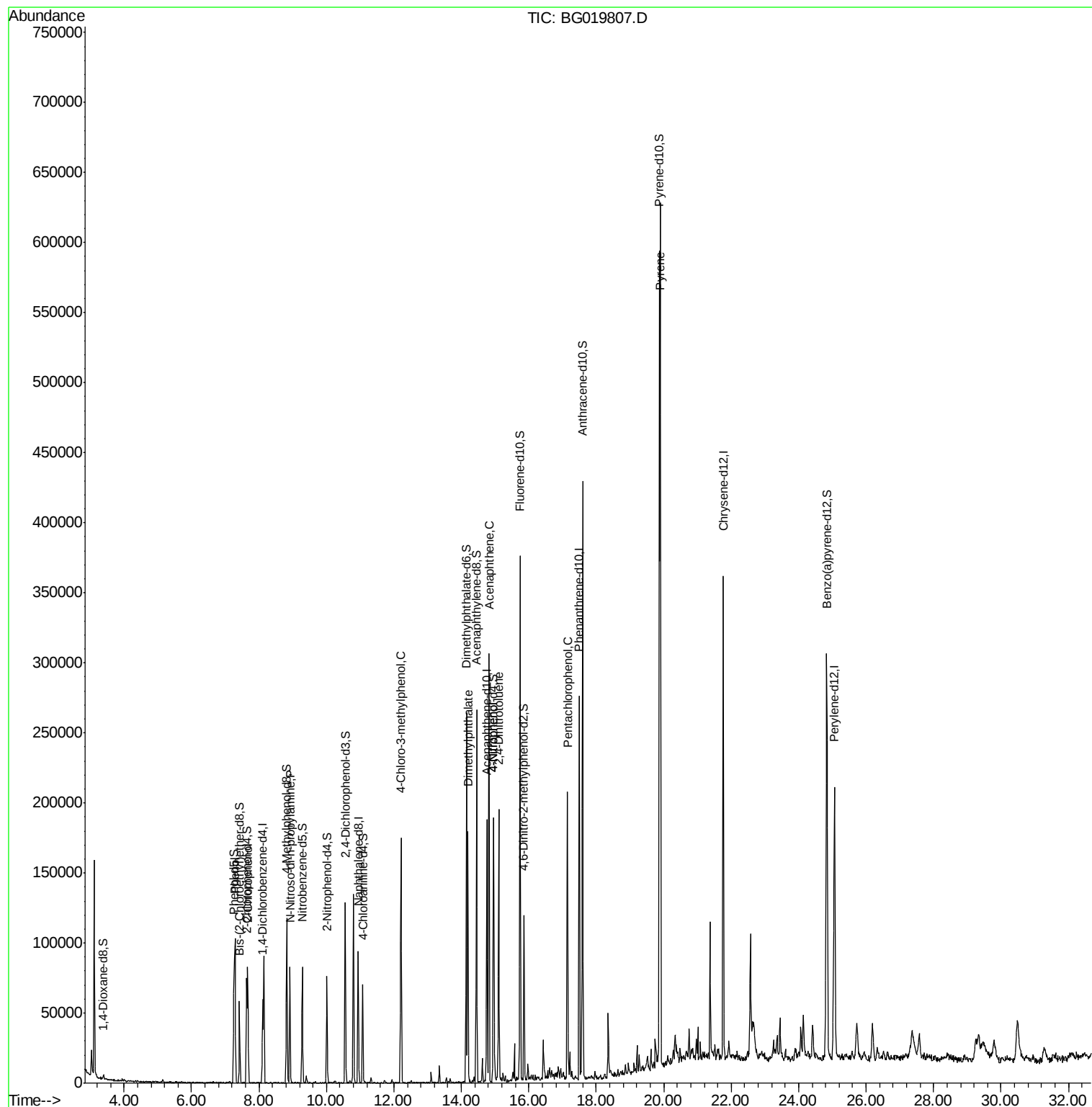
						Qvalue
6) Phenol	7.29	94	56111	30.05	ng/ul	98
10) 2-Chlorophenol	7.67	128	30956	28.57	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.91	70	41367	25.88	ng/ul#	98
33) 4-Chloro-3-methylphenol	12.20	107	66282	34.19	ng/ul	96
45) Dimethylphthalate	14.20	163	115097	20.26	ng/ul	98
50) Acenaphthene	14.82	153	124710	29.38	ng/ul	95
53) 4-Nitrophenol	14.96	109	31433	28.57	ng/ul	93
55) 2,4-Dinitrotoluene	15.11	165	53235	30.12	ng/ul#	83
69) Pentachlorophenol	17.15	266	42152	34.22	ng/ul	92
80) Pyrene	19.90	202	381750	29.18	ng/ul#	95

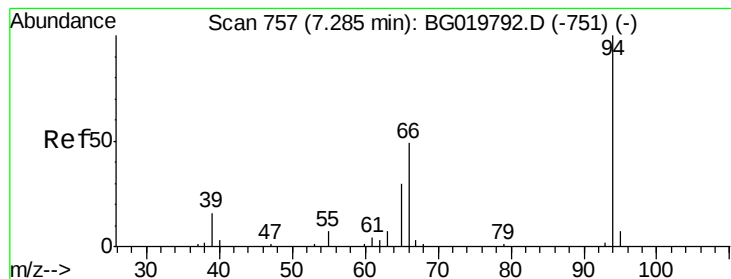
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 30.05 ng/ul

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG019807.D

Acq: 23 Nov 2015 12:06

Instrument :

BNA_G

ClientSampleId :

A4J72MS

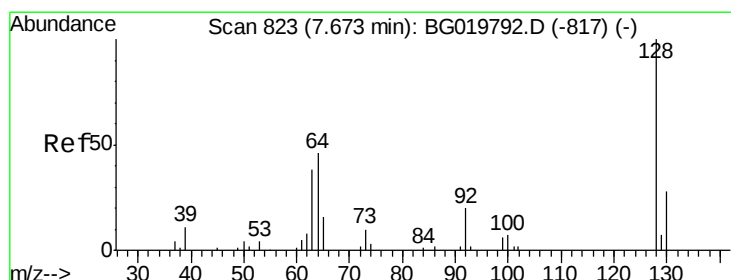
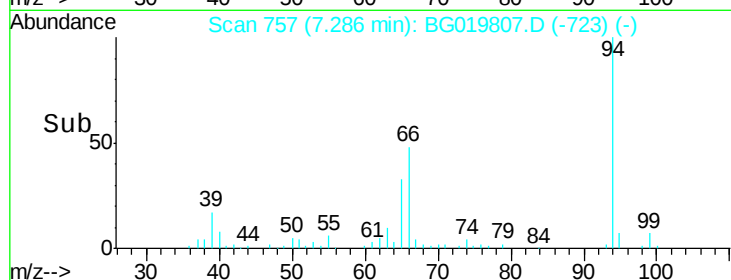
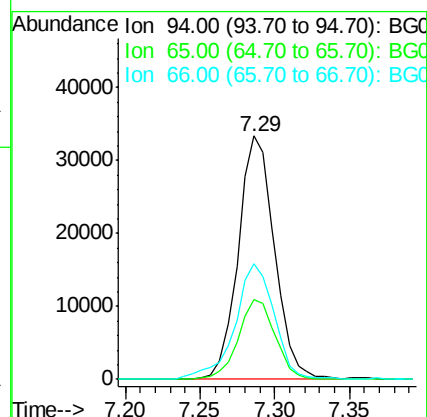
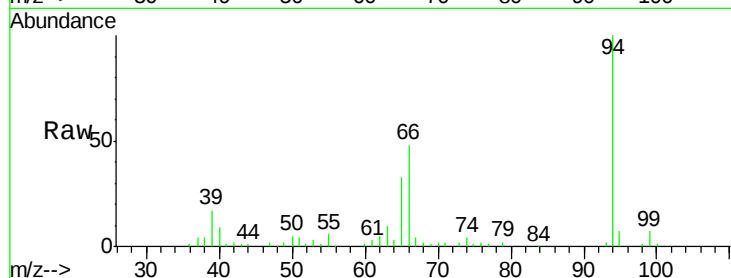
Tgt Ion: 94 Resp: 56111

Ion Ratio Lower Upper

94 100

65 32.8 27.4 41.0

66 47.5 39.0 58.6



#10

2-Chlorophenol

Concen: 28.57 ng/ul

RT: 7.67 min Scan# 822

Delta R.T. -0.00 min

Lab File: BG019807.D

Acq: 23 Nov 2015 12:06

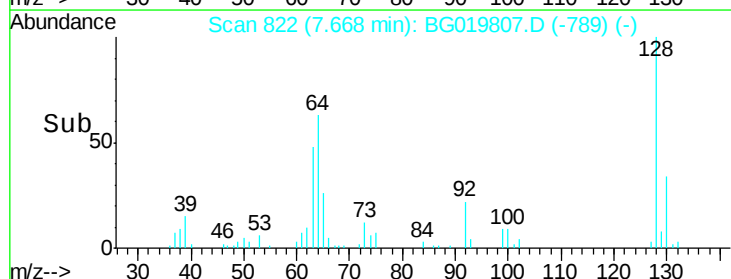
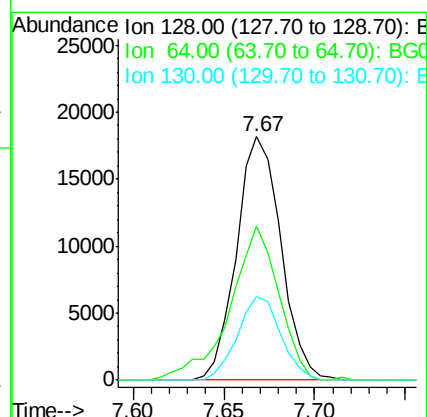
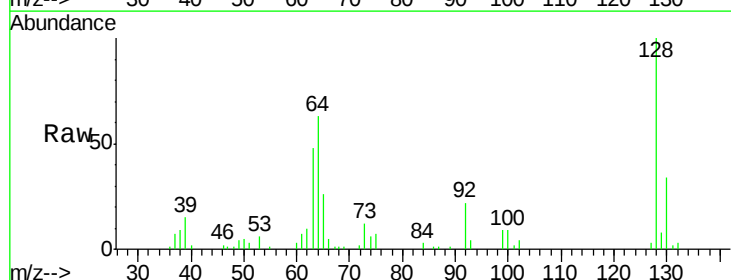
Tgt Ion: 128 Resp: 30956

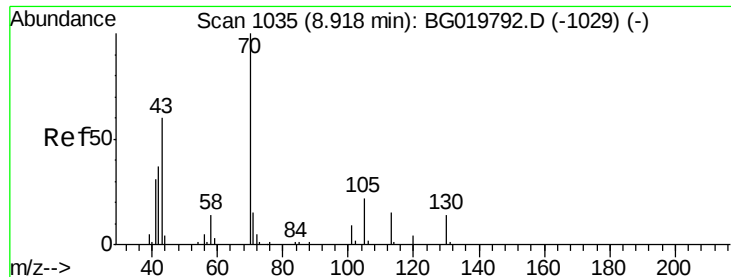
Ion Ratio Lower Upper

128 100

64 63.0 59.4 89.0

130 34.3 28.9 43.3

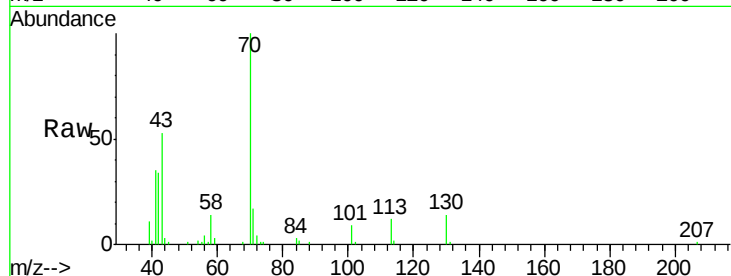




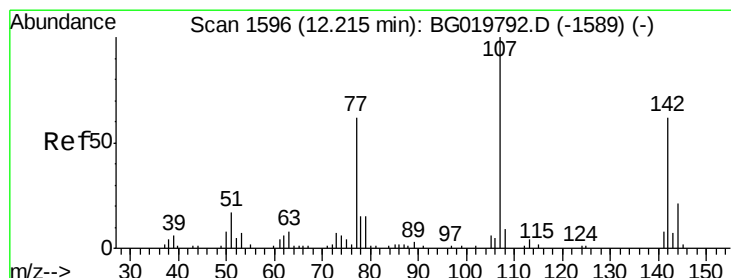
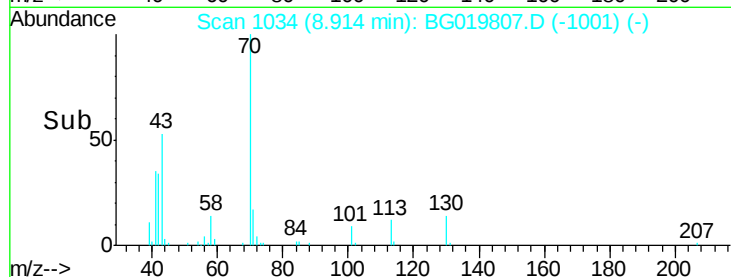
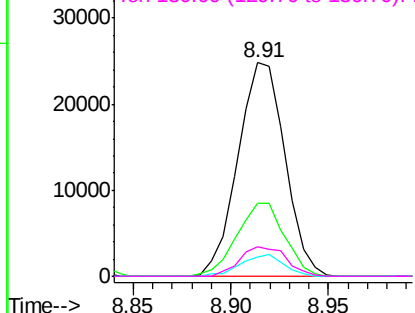
#15
N-Nitroso-di-n-propylamine
Concen: 25.88 ng/ul
RT: 8.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG019807.D
Acq: 23 Nov 2015 12:06

Instrument :
BNA_G
ClientSampleId :
A4J72MS

Tgt Ion: 70 Resp: 41367
Ion Ratio Lower Upper
70 100
42 34.5 28.4 42.6
101 8.8 5.3 7.9#
130 13.9 10.9 16.3

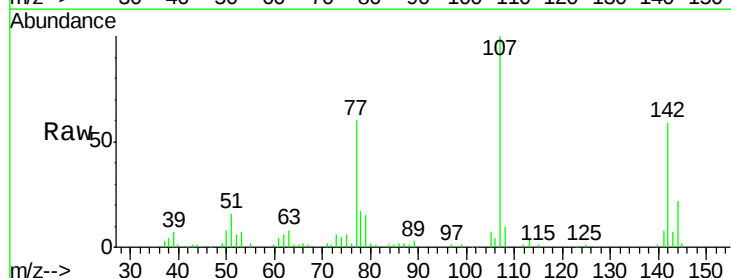


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

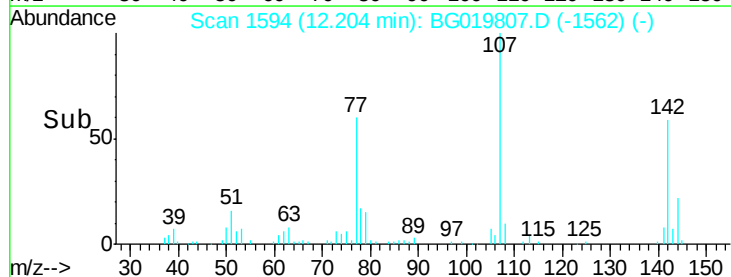
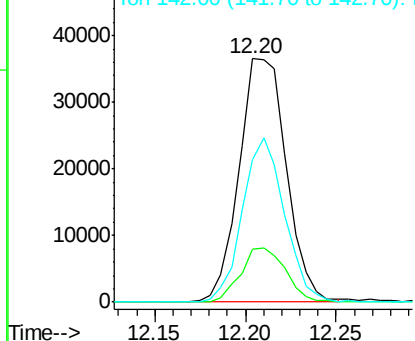


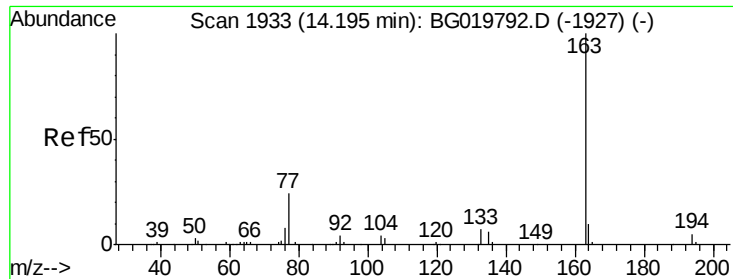
#33
4-Chloro-3-methylphenol
Concen: 34.19 ng/ul
RT: 12.20 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG019807.D
Acq: 23 Nov 2015 12:06

Tgt Ion: 107 Resp: 66282
Ion Ratio Lower Upper
107 100
144 21.9 18.2 27.2
142 58.5 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: 20.26 ng/ul

RT: 14.20 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG019807.D

Acq: 23 Nov 2015 12:06

Instrument :

BNA_G

ClientSampleId :

A4J72MS

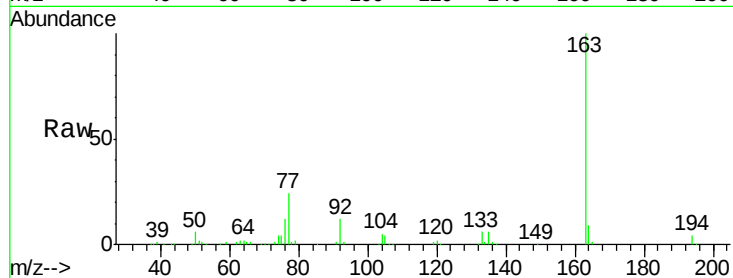
Tgt Ion:163 Resp: 115097

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

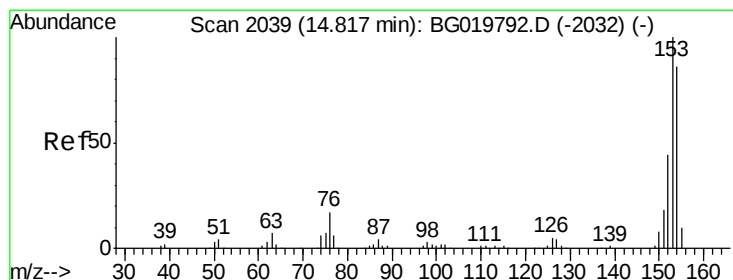
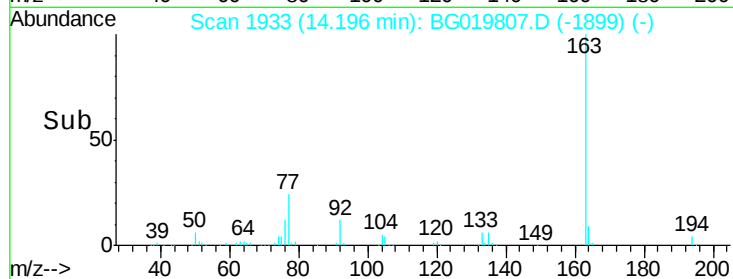
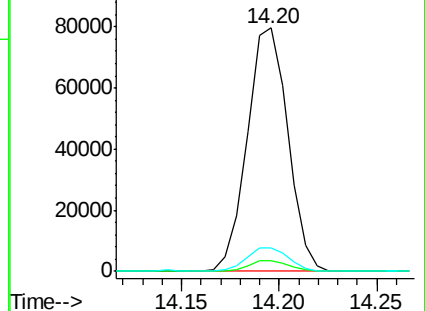
164 9.5 8.3 12.5



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: 29.38 ng/ul

RT: 14.82 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG019807.D

Acq: 23 Nov 2015 12:06

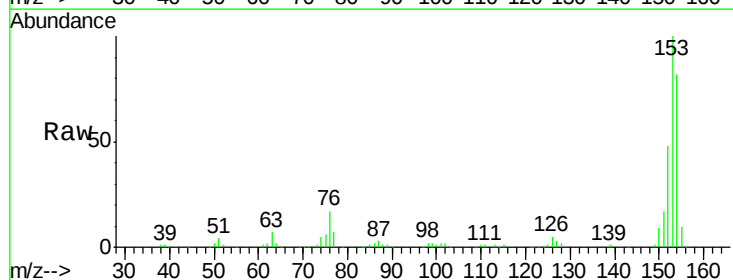
Tgt Ion:153 Resp: 124710

Ion Ratio Lower Upper

153 100

152 47.9 40.9 61.3

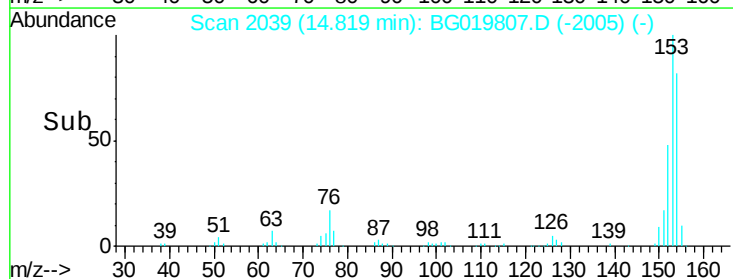
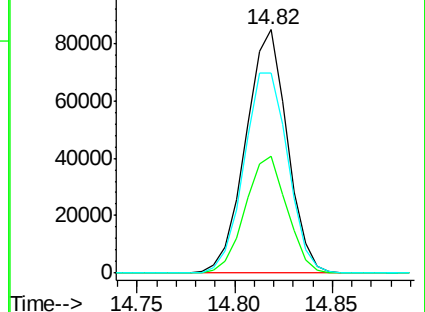
154 82.2 69.1 103.7

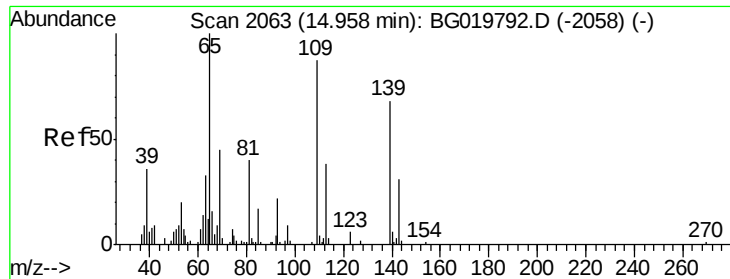


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

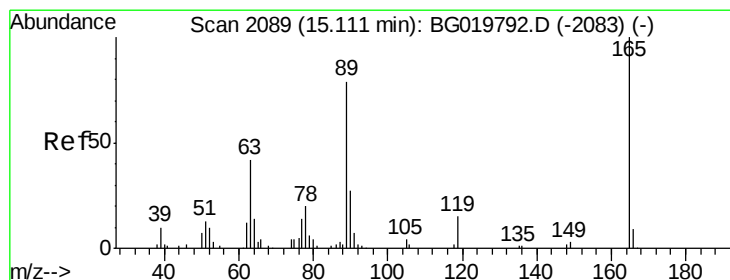
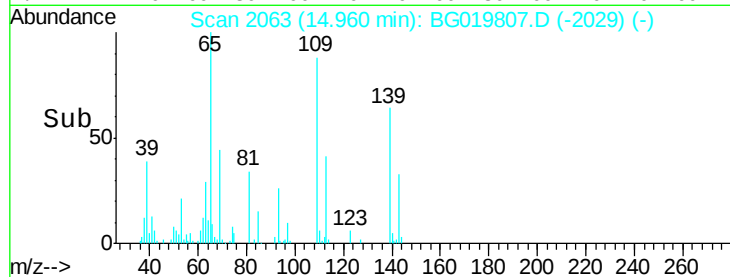
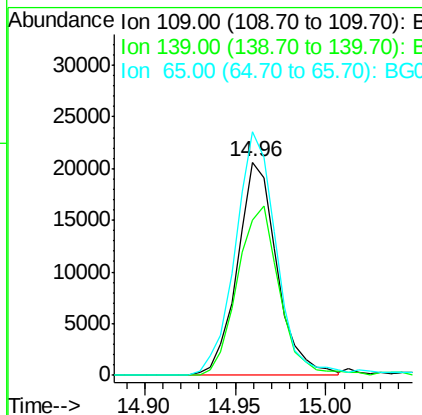
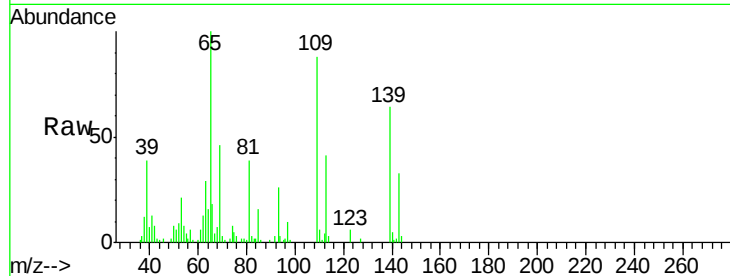




#53
4-Nitrophenol
Concen: 28.57 ng/ul
RT: 14.96 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG019807.D
Acq: 23 Nov 2015 12:06

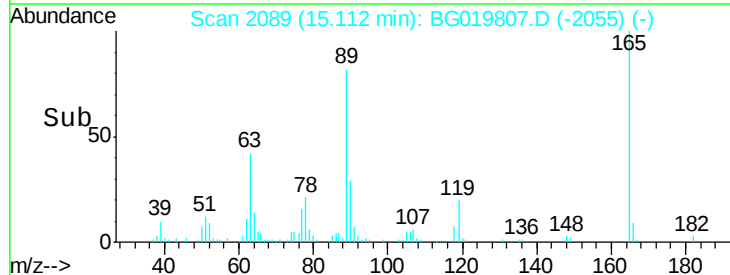
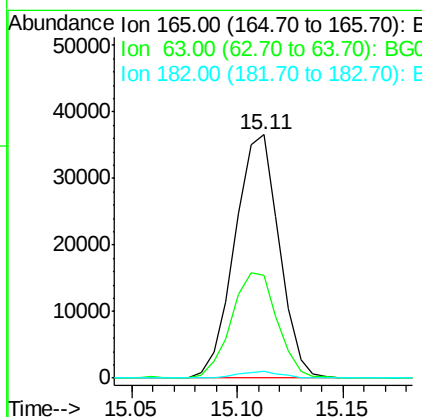
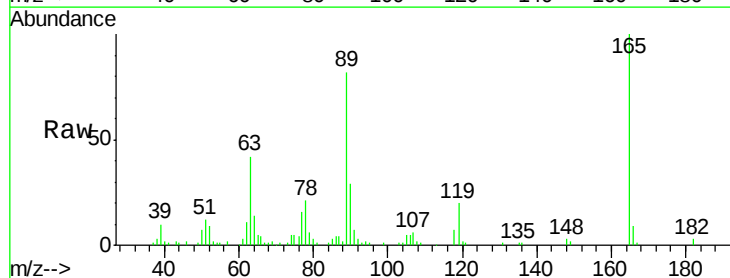
Instrument :
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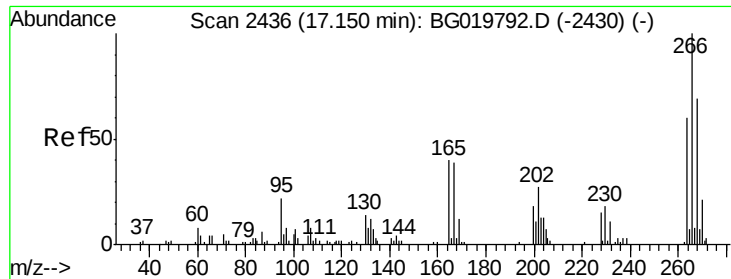
Tgt Ion:109 Resp: 31433
Ion Ratio Lower Upper
109 100
139 72.9 67.8 101.6
65 114.2 94.5 141.7



#55
2,4-Dinitrotoluene
Concen: 30.12 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG019807.D
Acq: 23 Nov 2015 12:06

Tgt Ion:165 Resp: 53235
Ion Ratio Lower Upper
165 100
63 42.1 44.2 66.2#
182 2.6 2.6 3.8

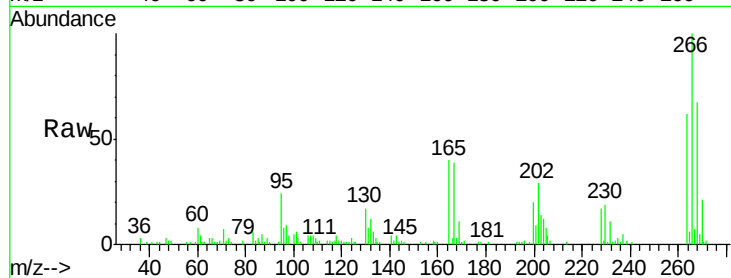




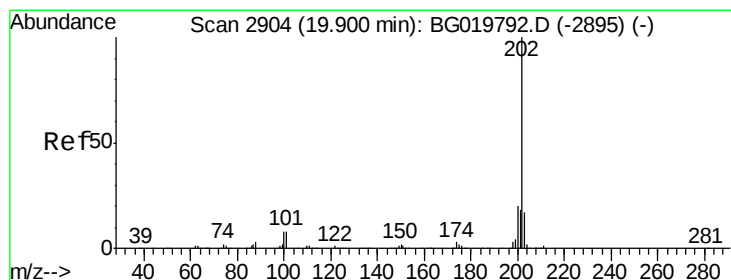
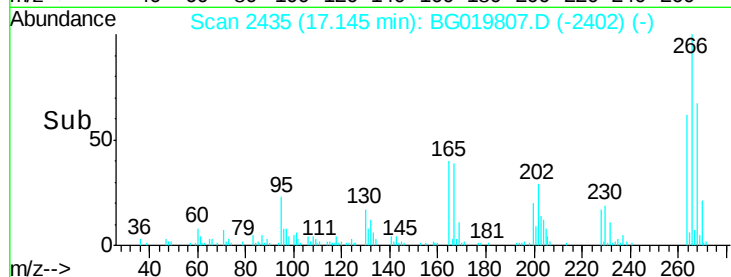
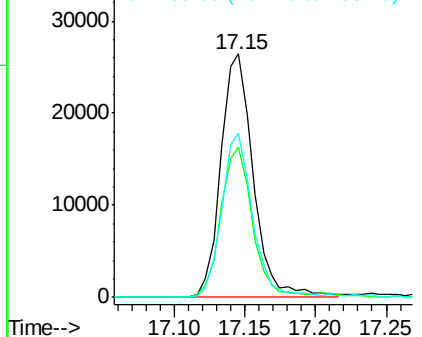
#69
 Pentachlorophenol
 Concen: 34.22 ng/ul
 RT: 17.15 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG019807.D
 Acq: 23 Nov 2015 12:06

Instrument :
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 ClientSampleId :
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Tgt Ion:266 Resp: 42152
 Ion Ratio Lower Upper
 266 100
 264 61.9 51.8 77.8
 268 67.5 46.8 70.2

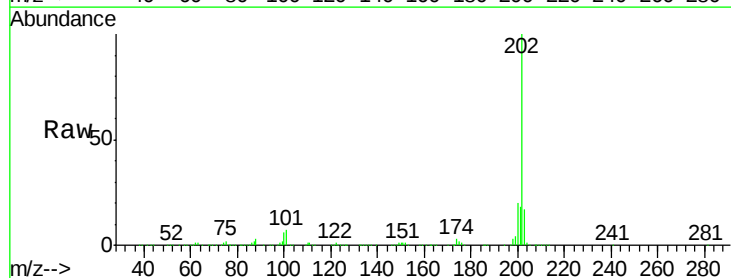


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 29.18 ng/ul
 RT: 19.90 min Scan# 2904
 Delta R.T. 0.00 min
 Lab File: BG019807.D
 Acq: 23 Nov 2015 12:06

Tgt Ion:202 Resp: 381750
 Ion Ratio Lower Upper
 202 100
 101 7.1 7.0 10.6
 100 6.4 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

