

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
 Data File : BG019791.D
 Acq On : 22 Nov 2015 20:16
 Operator : UM/NP
 Sample : G4345-27MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4J69MSD

Quant Time: Nov 23 04:04:54 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	15050	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	67511	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	61788	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	184767	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	256203	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	247444	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	2202	6.25	ng/uL	0.00
5) Phenol-d5	7.26	99	45149	29.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	30956	30.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	28140	28.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	34837	27.29	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	16831	30.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	22702	36.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	39280	29.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	37512	29.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	191222	34.22	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	181073	29.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	28187	32.01	ng/ul	0.00
58) Fluorene-d10	15.74	176	157576	31.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	28889	24.20	ng/ul	0.00
71) Anthracene-d10	17.59	188	282822	31.53	ng/ul	0.00
79) Pyrene-d10	19.87	212	347029	29.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	357786	27.70	ng/ul	0.00

Target Compounds

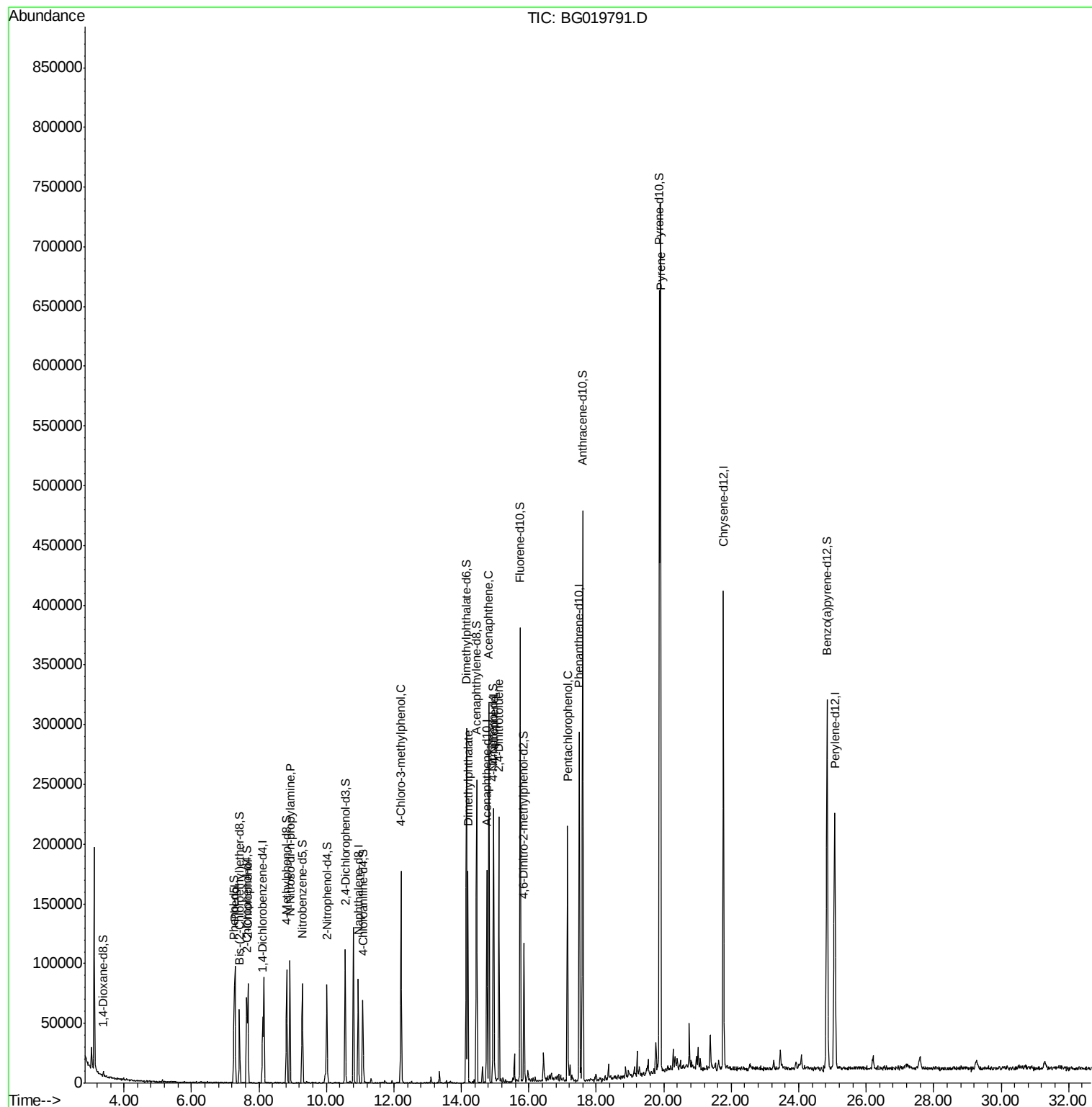
						Qvalue
6) Phenol	7.29	94	55155	33.13	ng/ul	95
10) 2-Chlorophenol	7.67	128	31196	32.29	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.92	70	47030	33.00	ng/ul#	99
33) 4-Chloro-3-methylphenol	12.21	107	64735	36.15	ng/ul	98
45) Dimethylphthalate	14.20	163	111563	20.13	ng/ul	99
50) Acenaphthene	14.82	153	130381	31.50	ng/ul	97
53) 4-Nitrophenol	14.96	109	39780	37.07	ng/ul	96
55) 2,4-Dinitrotoluene	15.11	165	59945	34.77	ng/ul	88
69) Pentachlorophenol	17.15	266	43343	33.06	ng/ul	96
80) Pyrene	19.90	202	451172	30.15	ng/ul	96

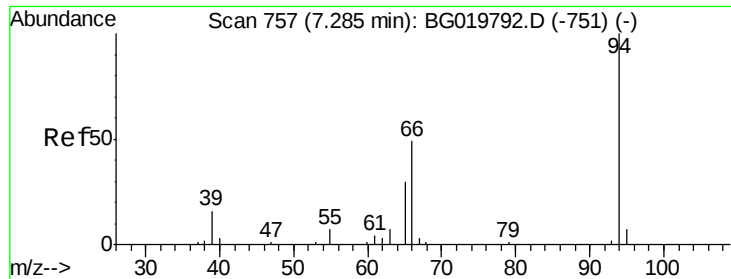
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 33.13 ng/ul

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG019791.D

Acq: 22 Nov 2015 20:16

Instrument :

BNA_G

ClientSampleId :

A4J69MSD

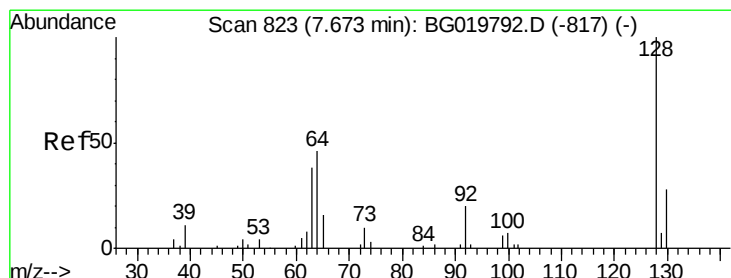
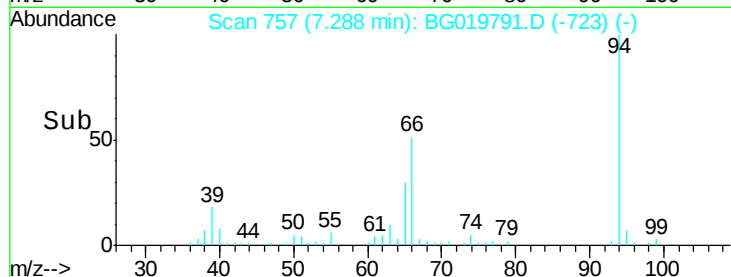
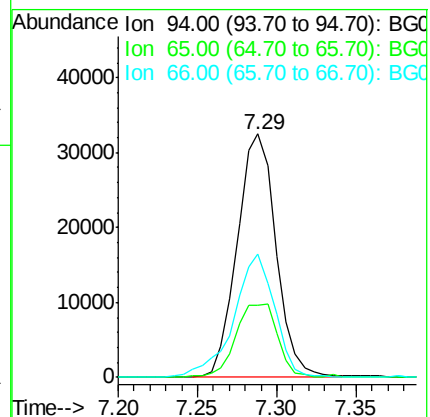
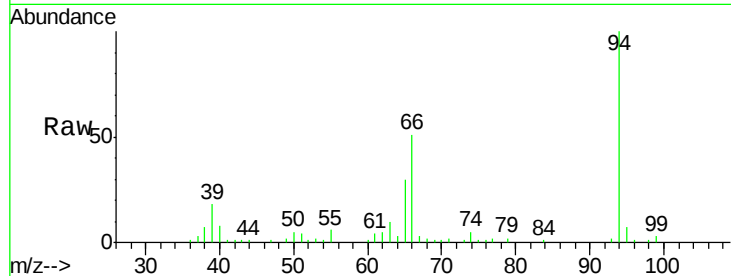
Tgt Ion: 94 Resp: 55155

Ion Ratio Lower Upper

94 100

65 29.7 27.4 41.0

66 50.8 39.0 58.6



#10

2-Chlorophenol

Concen: 32.29 ng/ul

RT: 7.67 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG019791.D

Acq: 22 Nov 2015 20:16

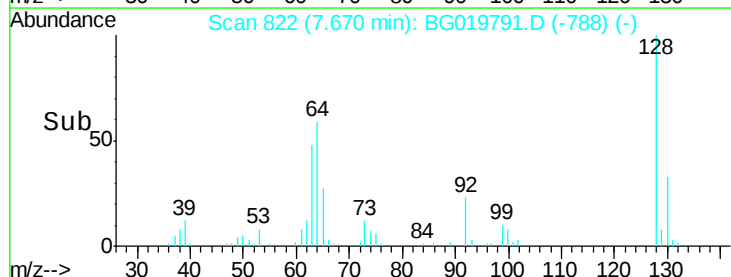
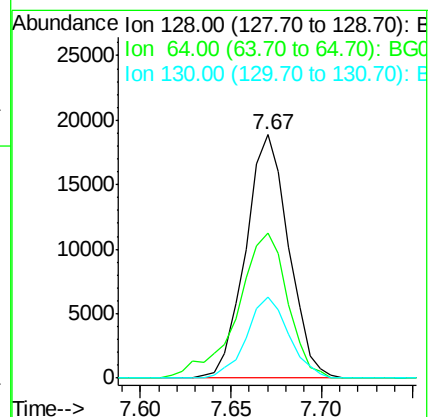
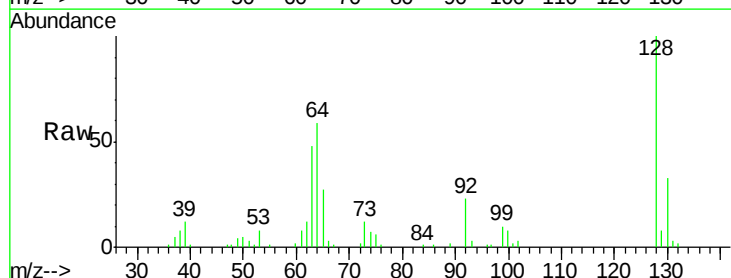
Tgt Ion: 128 Resp: 31196

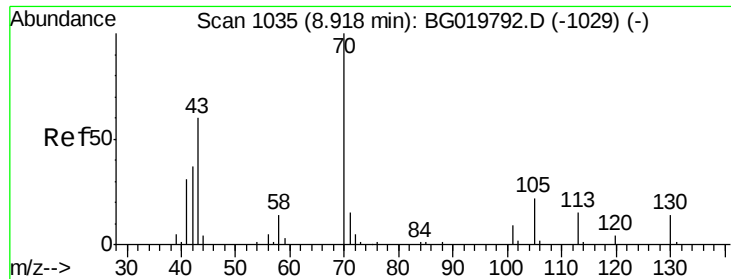
Ion Ratio Lower Upper

128 100

64 59.5 59.4 89.0

130 33.3 28.9 43.3

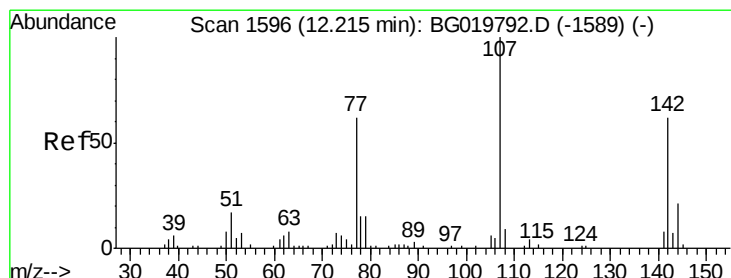
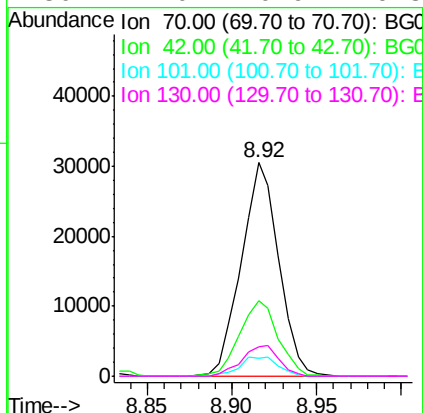
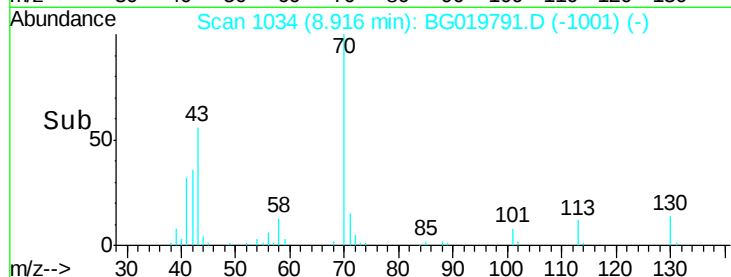
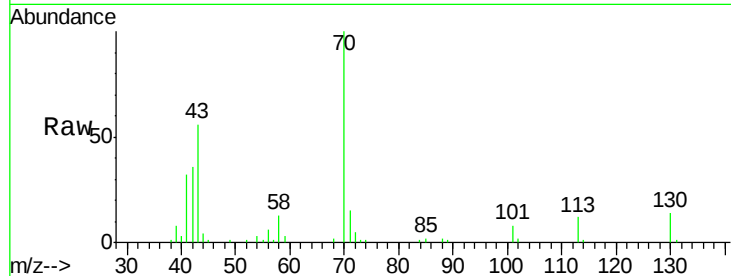




#15
N-Nitroso-di-n-propylamine
Concen: 33.00 ng/ul
RT: 8.92 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG019791.D
Acq: 22 Nov 2015 20:16

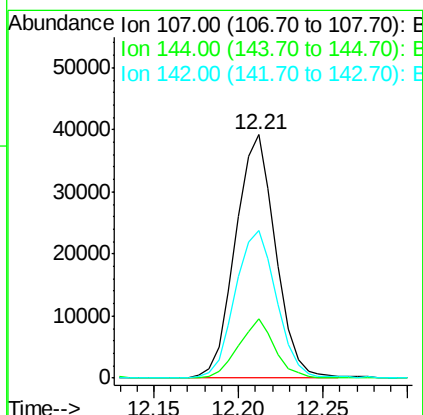
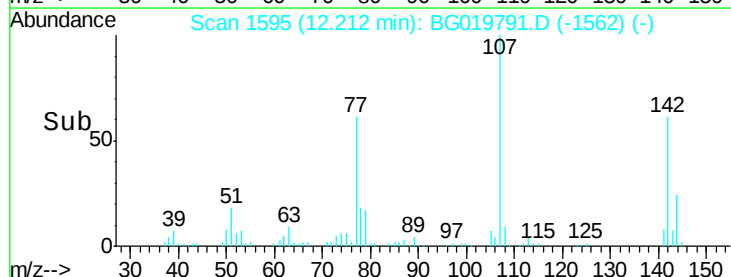
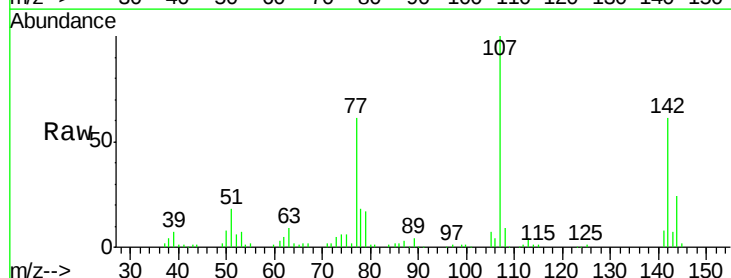
Instrument :
BNA_G
ClientSampleId :
A4J69MSD

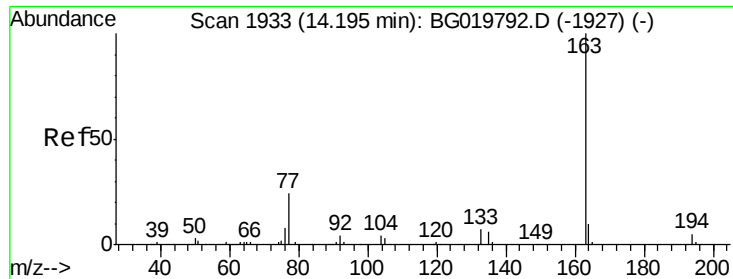
Tgt Ion: 70 Resp: 47030
Ion Ratio Lower Upper
70 100
42 35.6 28.4 42.6
101 8.4 5.3 7.9#
130 14.0 10.9 16.3



#33
4-Chloro-3-methylphenol
Concen: 36.15 ng/ul
RT: 12.21 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG019791.D
Acq: 22 Nov 2015 20:16

Tgt Ion: 107 Resp: 64735
Ion Ratio Lower Upper
107 100
144 24.1 18.2 27.2
142 60.8 50.1 75.1





#45

Dimethylphthalate

Concen: 20.13 ng/ul

RT: 14.20 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG019791.D

Acq: 22 Nov 2015 20:16

Instrument :

BNA_G

ClientSampleId :

A4J69MSD

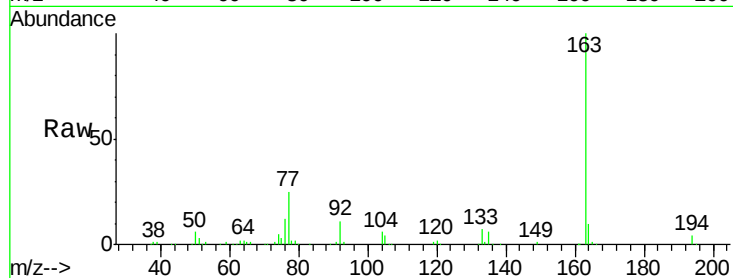
Tgt Ion:163 Resp: 111563

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

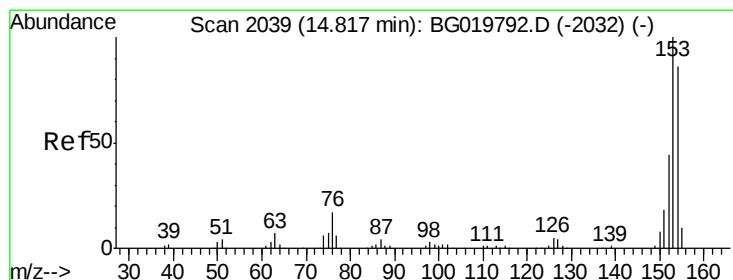
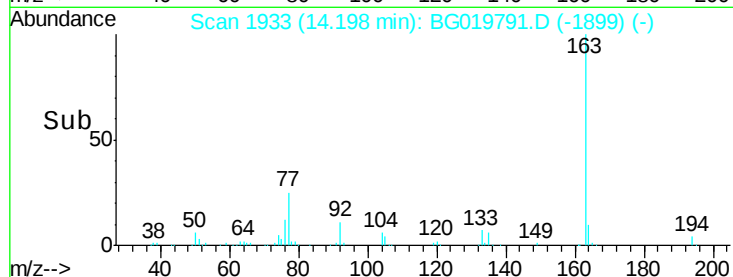
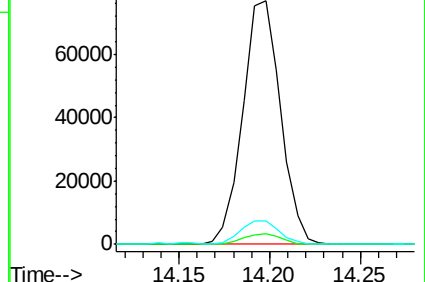
164 9.8 8.3 12.5



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: 31.50 ng/ul

RT: 14.82 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG019791.D

Acq: 22 Nov 2015 20:16

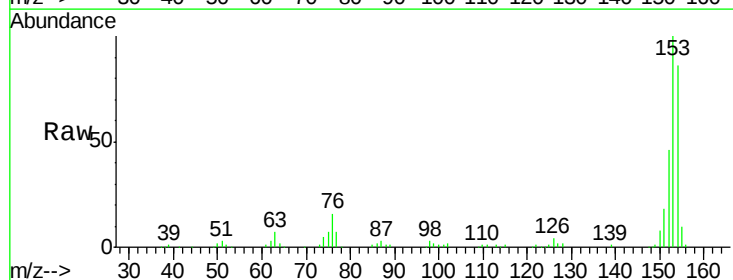
Tgt Ion:153 Resp: 130381

Ion Ratio Lower Upper

153 100

152 45.5 40.9 61.3

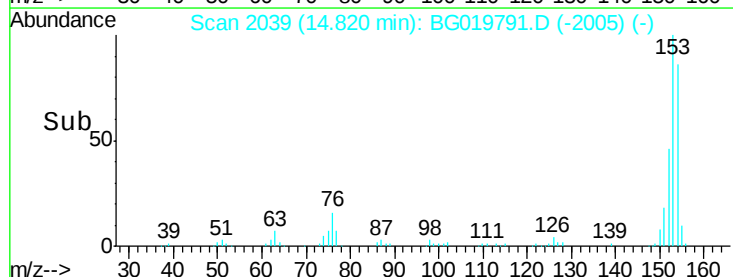
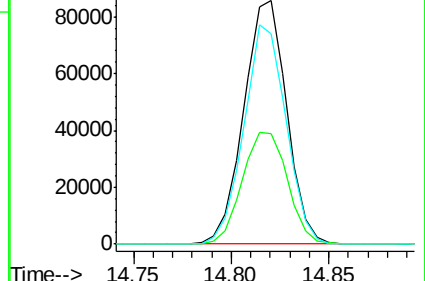
154 86.2 69.1 103.7

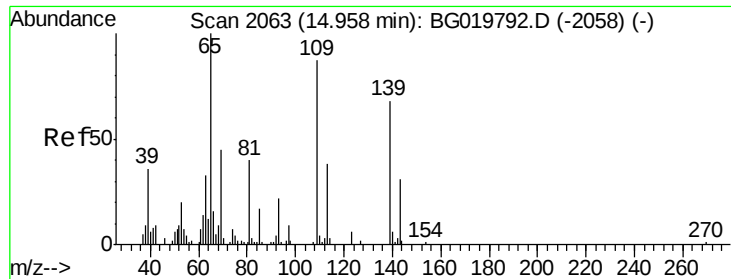


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 37.07 ng/ul

RT: 14.96 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BG019791.D

Acq: 22 Nov 2015 20:16

Instrument :

BNA_G

ClientSampleId :

A4J69MSD

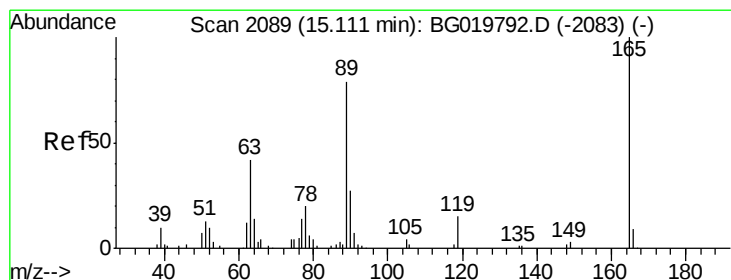
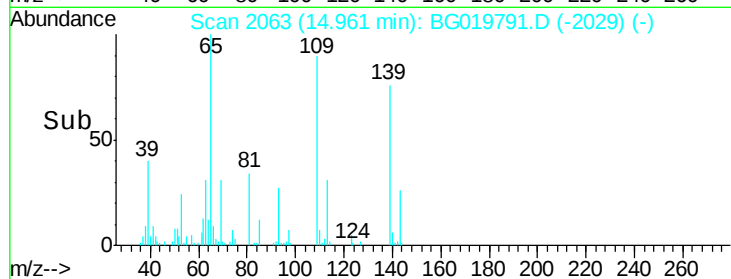
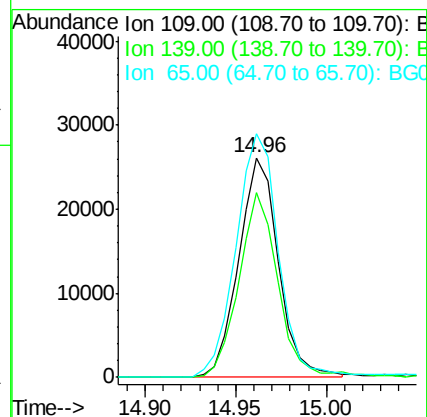
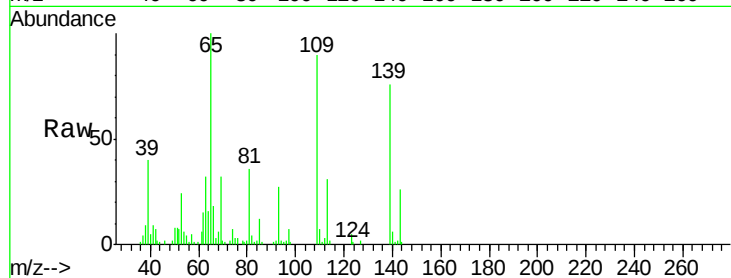
Tgt Ion:109 Resp: 39780

Ion Ratio Lower Upper

109 100

139 83.9 67.8 101.6

65 110.9 94.5 141.7



#55

2,4-Dinitrotoluene

Concen: 34.77 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG019791.D

Acq: 22 Nov 2015 20:16

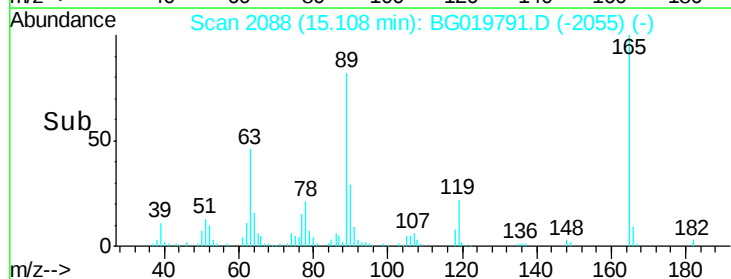
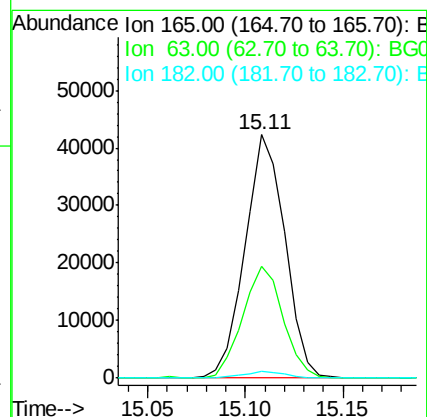
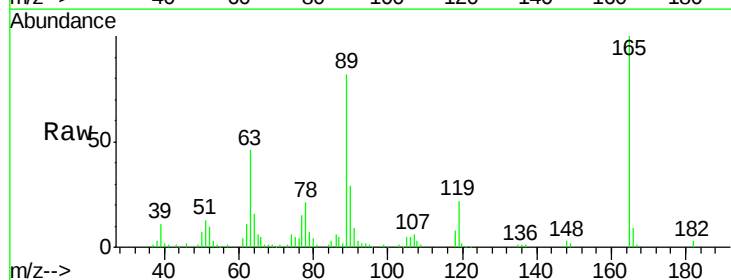
Tgt Ion:165 Resp: 59945

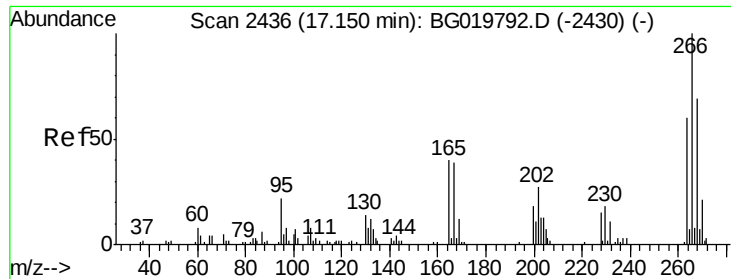
Ion Ratio Lower Upper

165 100

63 45.8 44.2 66.2

182 2.7 2.6 3.8





#69

Pentachlorophenol

Concen: 33.06 ng/ul

RT: 17.15 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG019791.D

Acq: 22 Nov 2015 20:16

Instrument :

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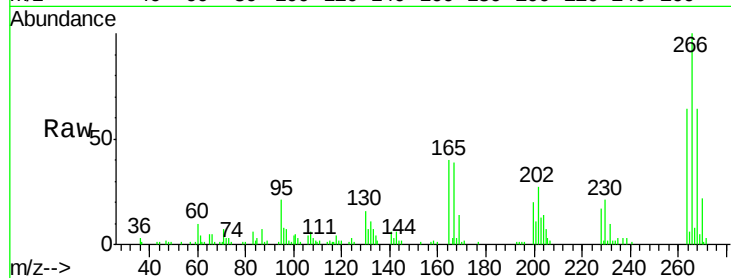
Tgt Ion:266 Resp: 43343

Ion Ratio Lower Upper

266 100

264 64.0 51.8 77.8

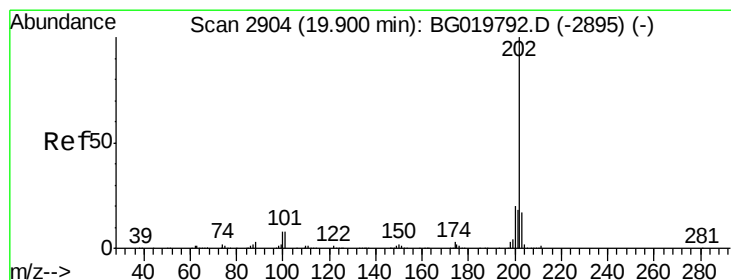
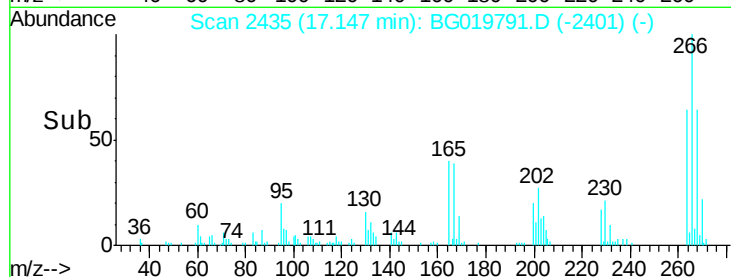
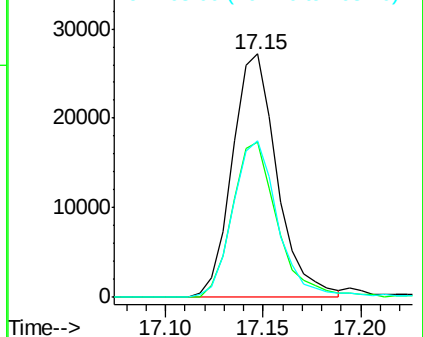
268 64.4 46.8 70.2



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: 30.15 ng/ul

RT: 19.90 min Scan# 2904

Delta R.T. 0.00 min

Lab File: BG019791.D

Acq: 22 Nov 2015 20:16

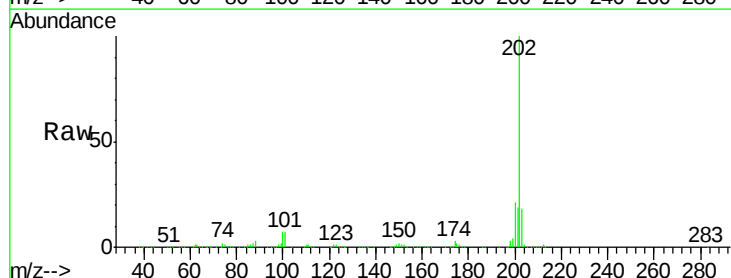
Tgt Ion:202 Resp: 451172

Ion Ratio Lower Upper

202 100

101 7.5 7.0 10.6

100 6.9 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

