

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020153.D
 Acq On : 14 Dec 2015 12:51
 Operator : UM/SJ
 Sample : G4767-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N27MS

Quant Time: Dec 15 03:49:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 03:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	20355	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	86427	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	64559	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	174253	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	199407	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	187911	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1851	5.02	ng/uL	0.00
5) Phenol-d5	7.25	99	46040	25.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	27968	26.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	34734	26.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	40030	26.08	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	18557	27.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	22116	29.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	41129	27.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	52838	30.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	151721	29.05	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	166742	27.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	25885	27.64	ng/ul	0.00
58) Fluorene-d10	15.72	176	127304	26.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	25653	24.83	ng/ul	0.00
71) Anthracene-d10	17.57	188	218140	27.17	ng/ul	0.00
79) Pyrene-d10	19.85	212	241244	25.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	238769	25.47	ng/ul	0.00

Target Compounds

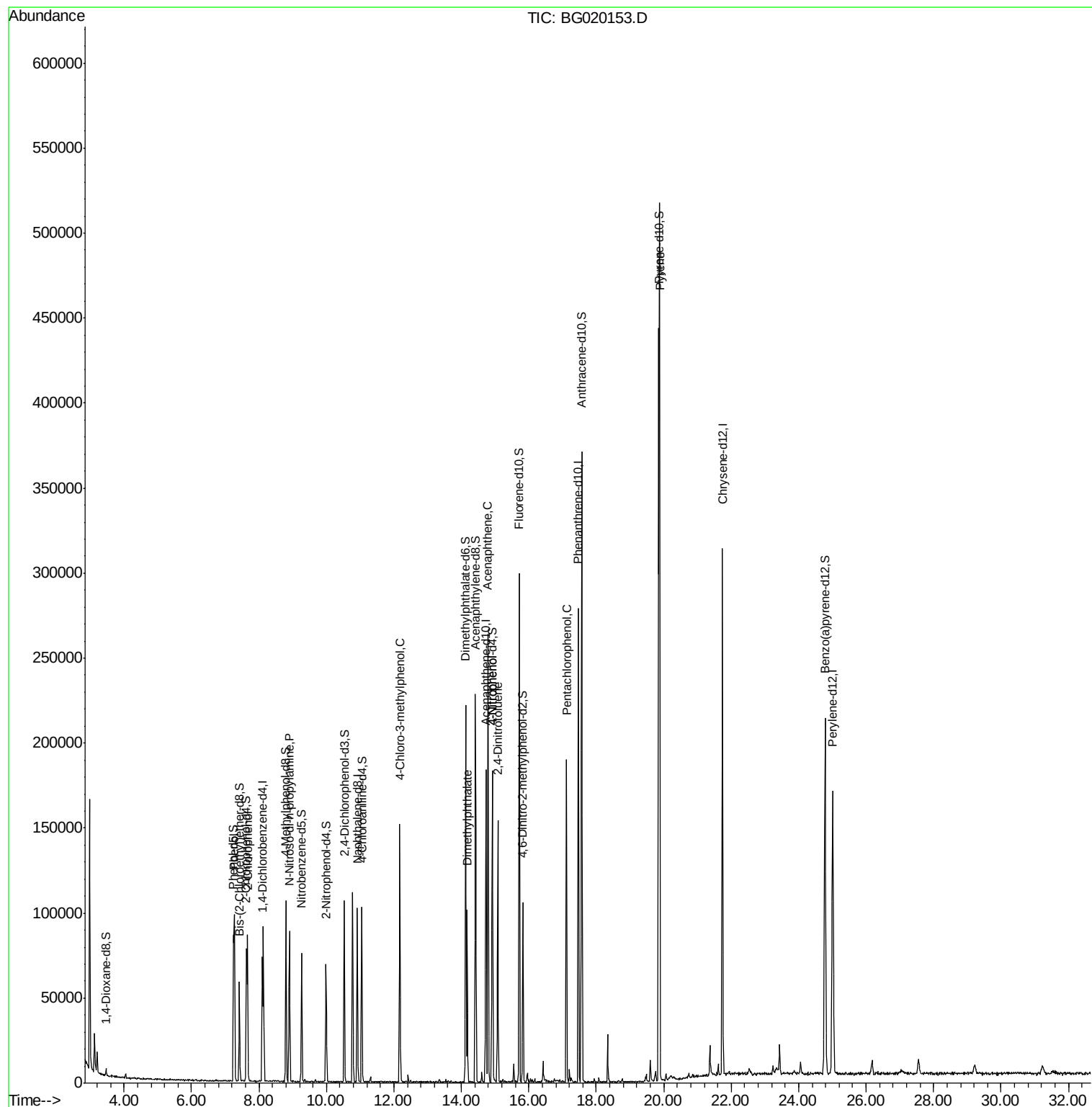
						Qvalue
6) Phenol	7.27	94	50956	26.51	ng/ul	97
10) 2-Chlorophenol	7.66	128	36188	26.47	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.90	70	33658	26.45	ng/ul	96
33) 4-Chloro-3-methylphenol	12.18	107	54239	29.26	ng/ul	92
45) Dimethylphthalate	14.17	163	64679	12.13	ng/ul	98
50) Acenaphthene	14.79	153	114226	26.30	ng/ul	98
53) 4-Nitrophenol	14.92	109	26300	29.19	ng/ul	96
55) 2,4-Dinitrotoluene	15.08	165	45681	28.21	ng/ul	96
69) Pentachlorophenol	17.12	266	35753	26.99	ng/ul	95
80) Pyrene	19.88	202	321934	26.67	ng/ul	100

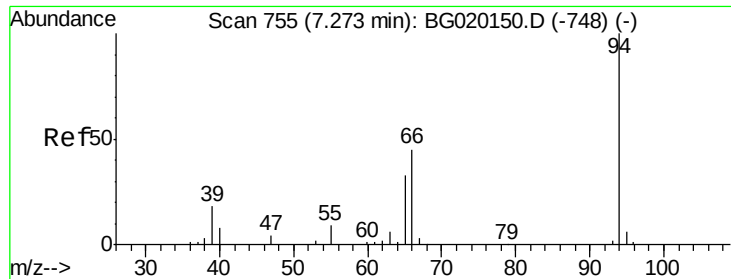
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020153.D
Acq On : 14 Dec 2015 12:51
Operator : UM/SJ
Sample : G4767-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N27MS

Quant Time: Dec 15 03:49:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 03:46:07 2015
Response via : Initial Calibration





#6

Phenol

Concen: 26.51 ng/ul

RT: 7.27 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG020153.D

Acq: 14 Dec 2015 12:51

Instrument :

BNA_G

ClientSampleId :

D9N27MS

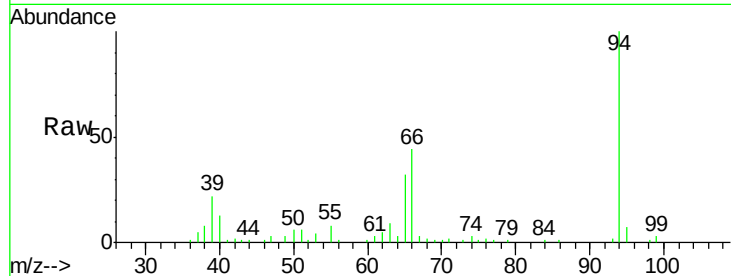
Tgt Ion: 94 Resp: 50956

Ion Ratio Lower Upper

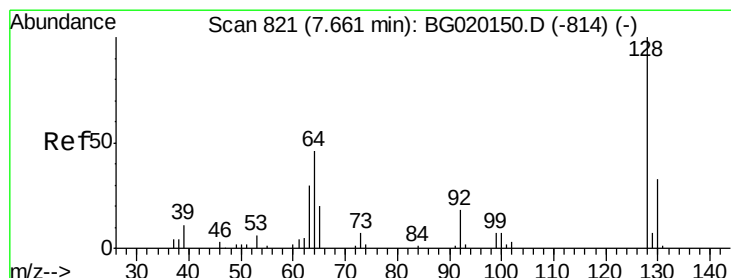
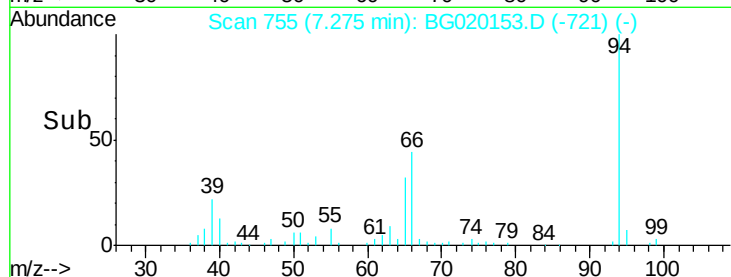
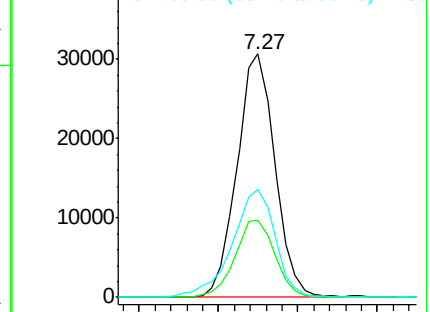
94 100

65 31.7 26.3 39.5

66 44.4 33.3 49.9



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: 26.47 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG020153.D

Acq: 14 Dec 2015 12:51

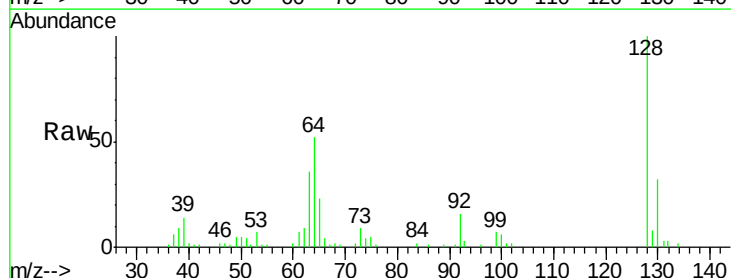
Tgt Ion:128 Resp: 36188

Ion Ratio Lower Upper

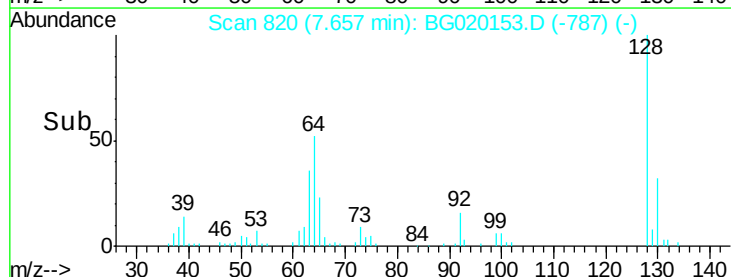
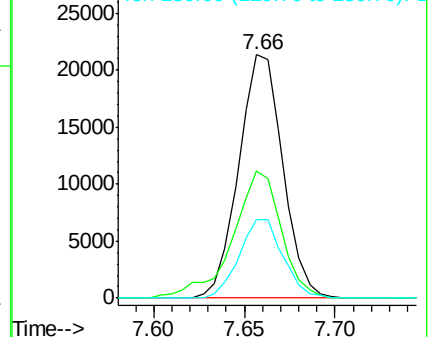
128 100

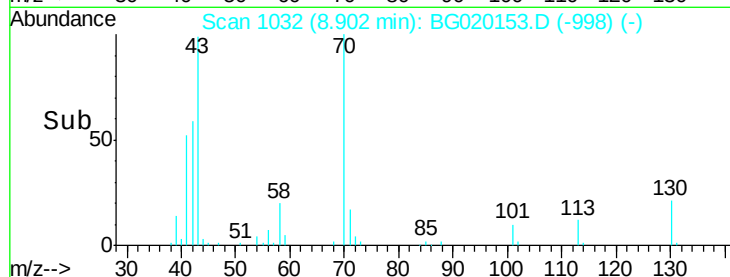
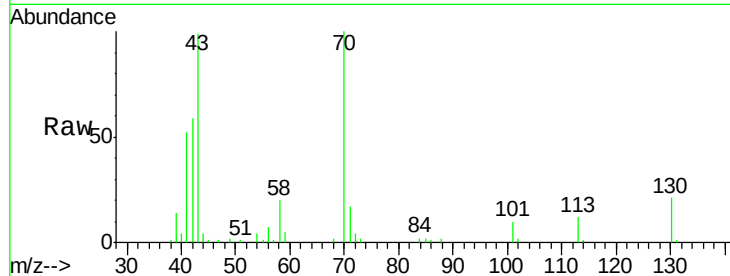
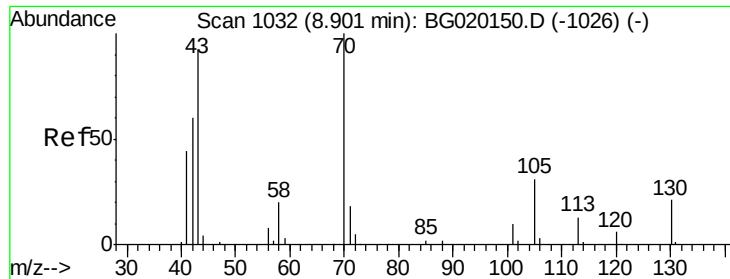
64 52.1 39.4 59.0

130 32.3 24.6 36.8



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: 26.45 ng/ul

RT: 8.90 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG020153.D

Acq: 14 Dec 2015 12:51

Instrument :

BNA_G

ClientSampleId :

D9N27MS

Tgt Ion: 70 Resp: 33658

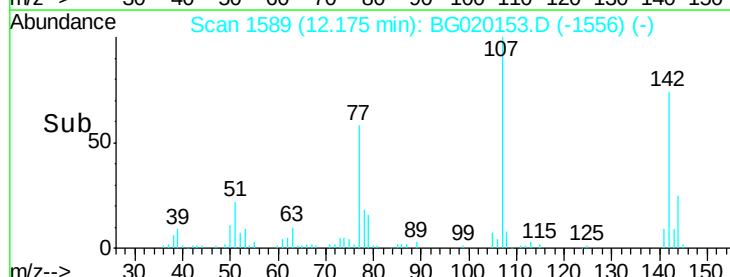
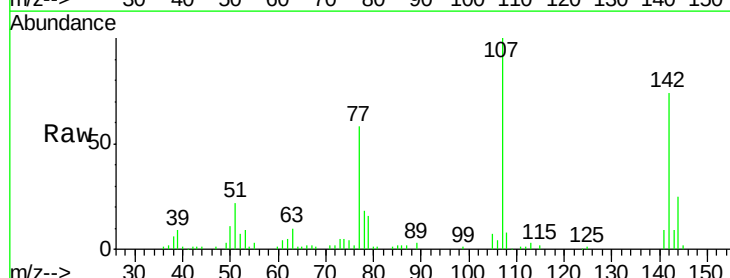
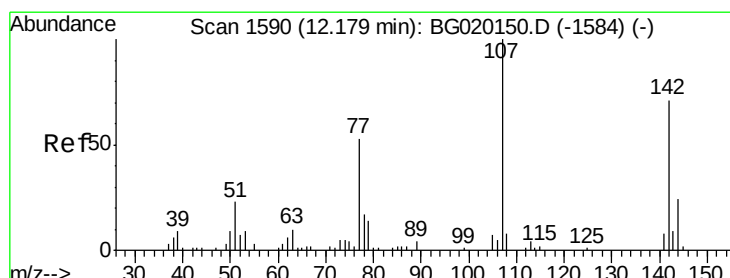
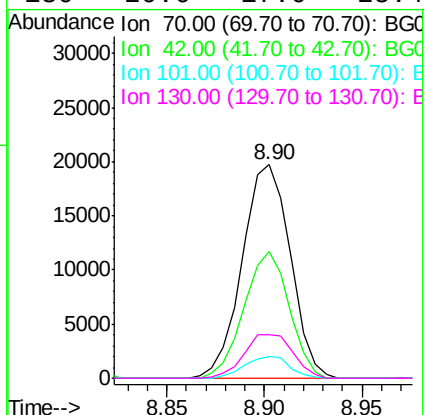
Ion Ratio Lower Upper

70 100

42 59.0 44.3 66.5

101 10.3 7.6 11.4

130 20.6 17.0 25.4



#33

4-Chloro-3-methylphenol

Concen: 29.26 ng/ul

RT: 12.18 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BG020153.D

Acq: 14 Dec 2015 12:51

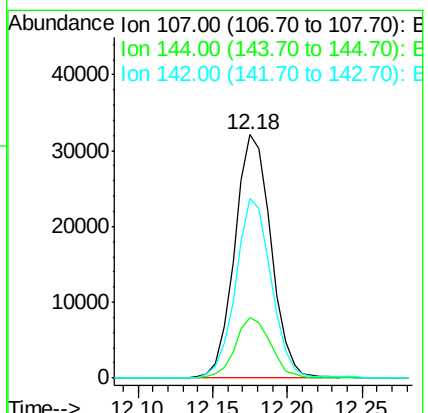
Tgt Ion: 107 Resp: 54239

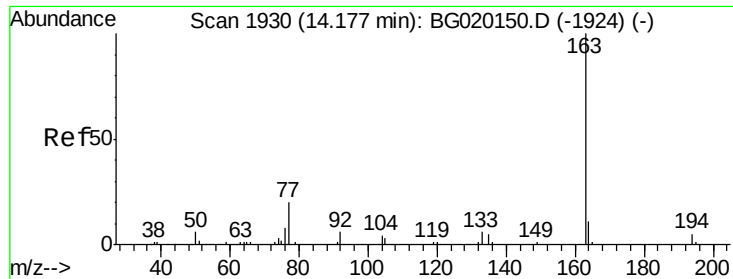
Ion Ratio Lower Upper

107 100

144 24.7 18.7 28.1

142 73.8 52.8 79.2





#45

Dimethylphthalate

Concen: 12.13 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG020153.D

Acq: 14 Dec 2015 12:51

Instrument :

BNA_G

ClientSampleId :

D9N27MS

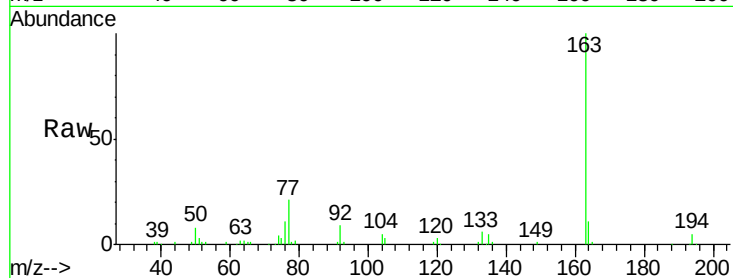
Tgt Ion:163 Resp: 64679

Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

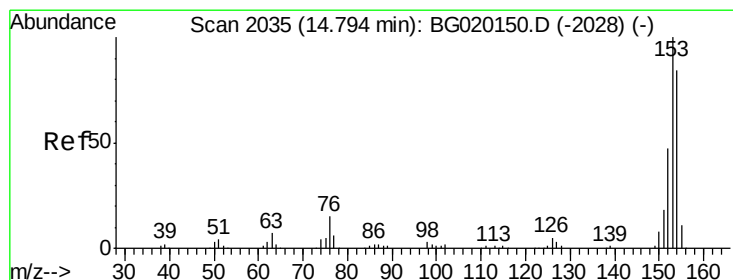
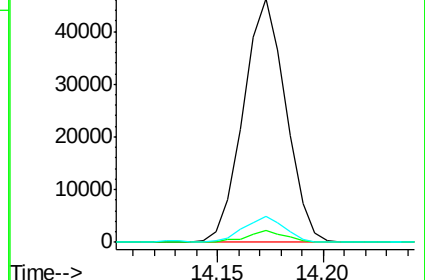
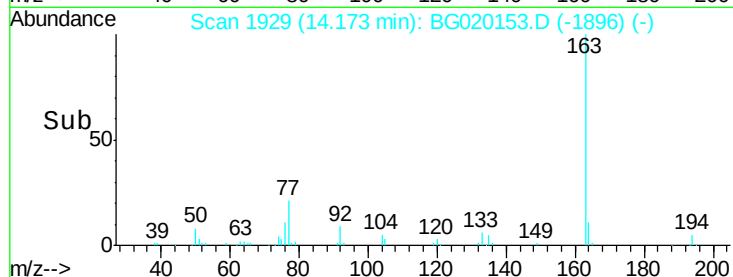
164 10.6 7.7 11.5



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: 26.30 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG020153.D

Acq: 14 Dec 2015 12:51

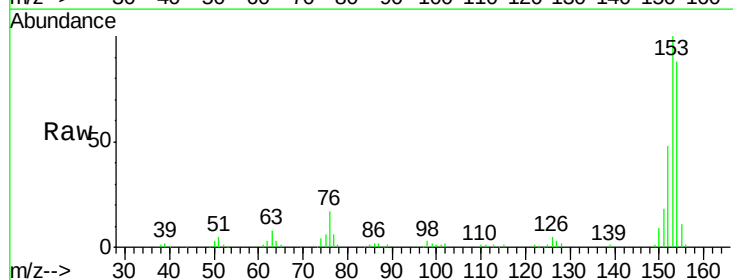
Tgt Ion:153 Resp: 114226

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

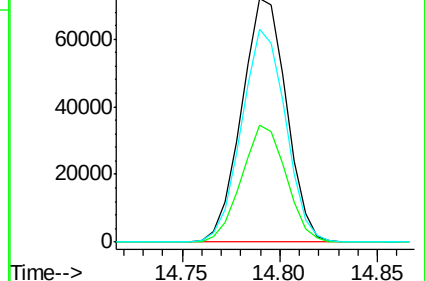
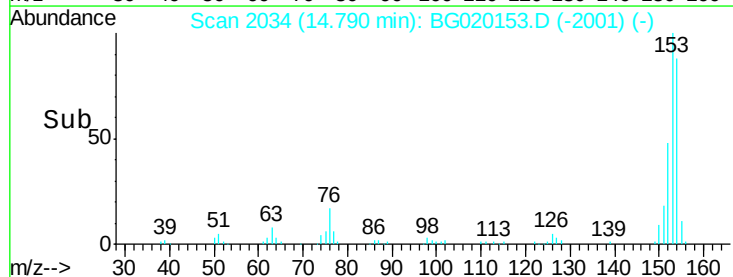
154 87.6 67.9 101.9

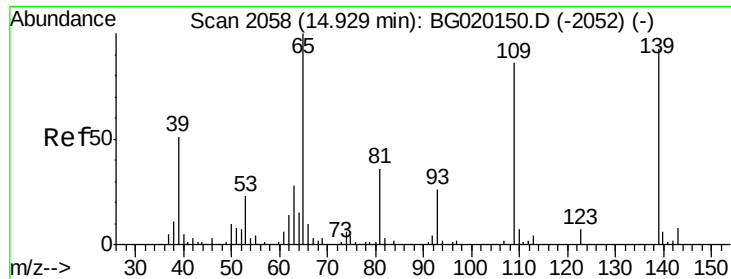


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

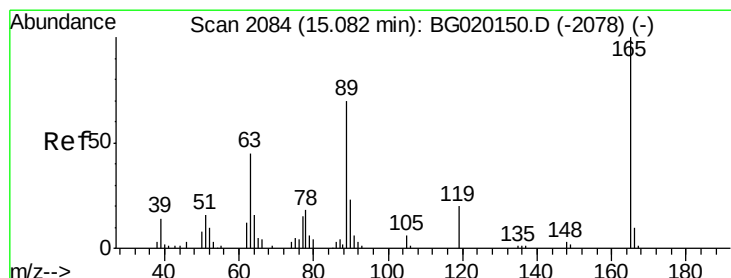
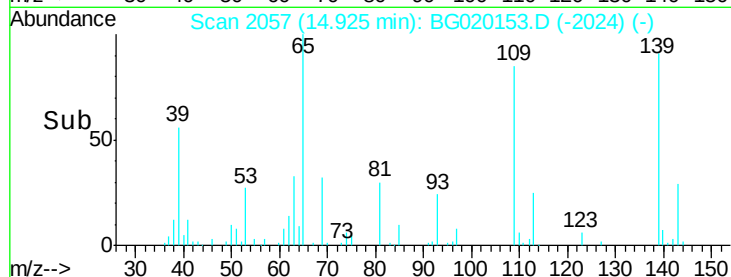
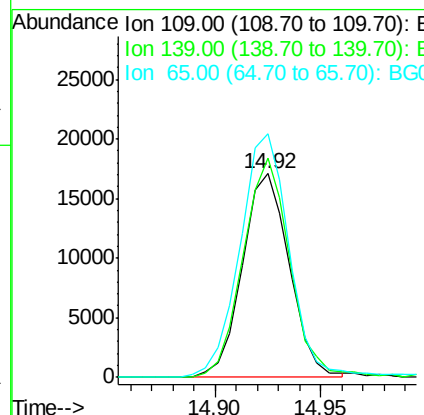
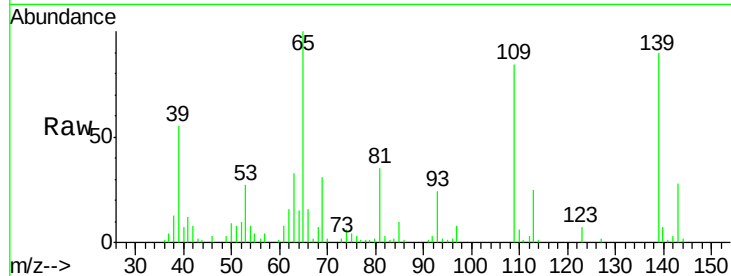




#53
4-Nitrophenol
Concen: 29.19 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG020153.D
Acq: 14 Dec 2015 12:51

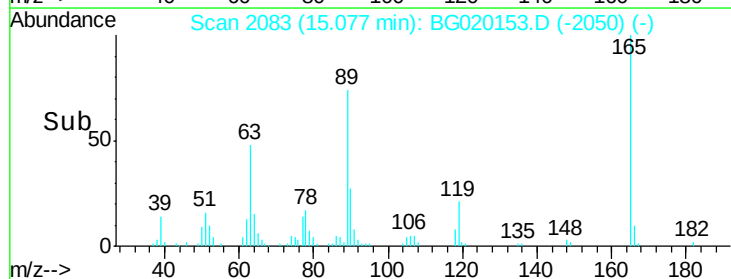
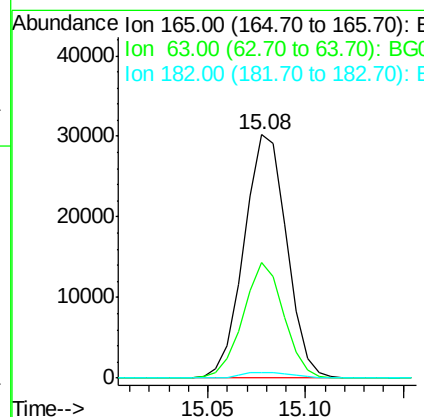
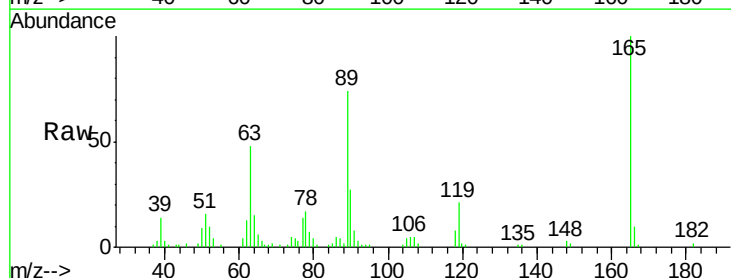
Instrument :
BNA_G
ClientSampleId :
D9N27MS

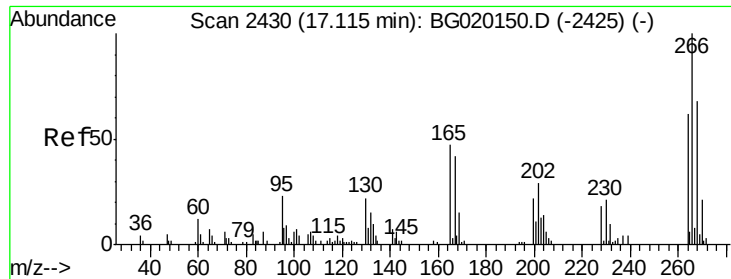
Tgt Ion:109 Resp: 26300
Ion Ratio Lower Upper
109 100
139 107.3 80.5 120.7
65 119.5 93.4 140.2



#55
2,4-Dinitrotoluene
Concen: 28.21 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG020153.D
Acq: 14 Dec 2015 12:51

Tgt Ion:165 Resp: 45681
Ion Ratio Lower Upper
165 100
63 47.7 35.8 53.8
182 2.5 2.2 3.2





#69

Pentachlorophenol

Concen: 26.99 ng/ul

RT: 17.12 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG020153.D

Acq: 14 Dec 2015 12:51

Instrument :

BNA_G

ClientSampleId :

D9N27MS

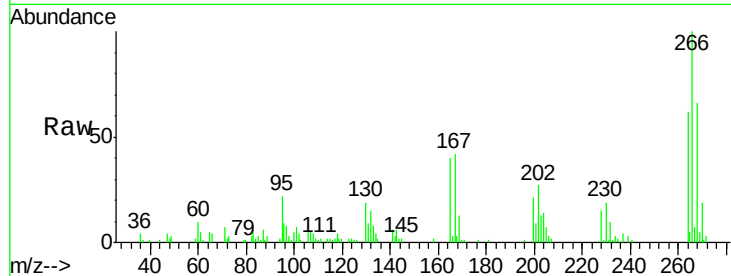
Tgt Ion:266 Resp: 35753

Ion Ratio Lower Upper

266 100

264 62.0 52.2 78.2

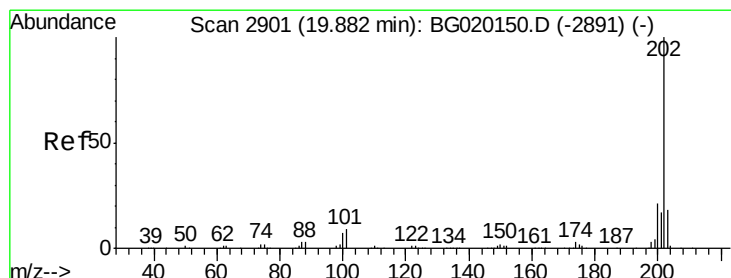
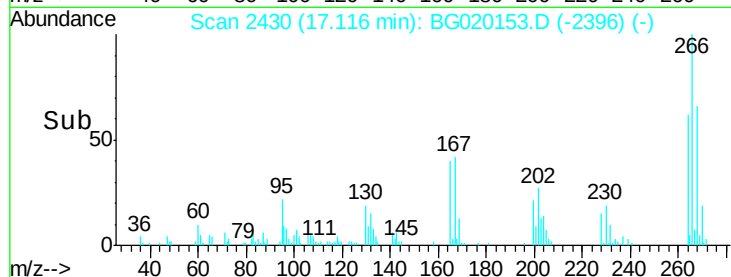
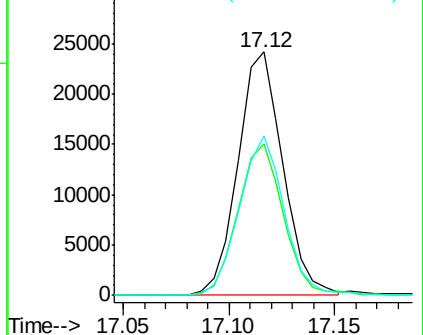
268 65.6 49.3 73.9



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: 26.67 ng/ul

RT: 19.88 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG020153.D

Acq: 14 Dec 2015 12:51

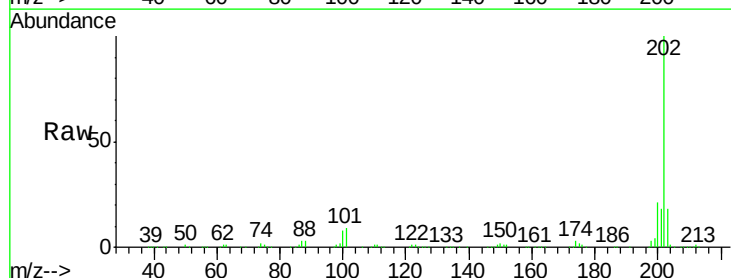
Tgt Ion:202 Resp: 321934

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

100 8.2 6.4 9.6



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

