

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020154.D
 Acq On : 14 Dec 2015 14:10
 Operator : UM/SJ
 Sample : G4767-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N27MSD

Quant Time: Dec 15 03:49:23 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	21102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	96951	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	70467	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	183031	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	205317	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	193914	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2107	5.51	ng/uL	0.00
5) Phenol-d5	7.25	99	54246	29.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	34457	31.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	41411	30.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	47833	30.06	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	22375	29.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27543	32.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	50674	29.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	64351	33.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	187751	32.94	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	205017	30.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	32121	31.42	ng/ul	0.00
58) Fluorene-d10	15.72	176	154830	29.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	31742	29.25	ng/ul	0.00
71) Anthracene-d10	17.57	188	257758	30.56	ng/ul	0.00
79) Pyrene-d10	19.85	212	289119	30.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	293974	30.39	ng/ul	0.00

Target Compounds

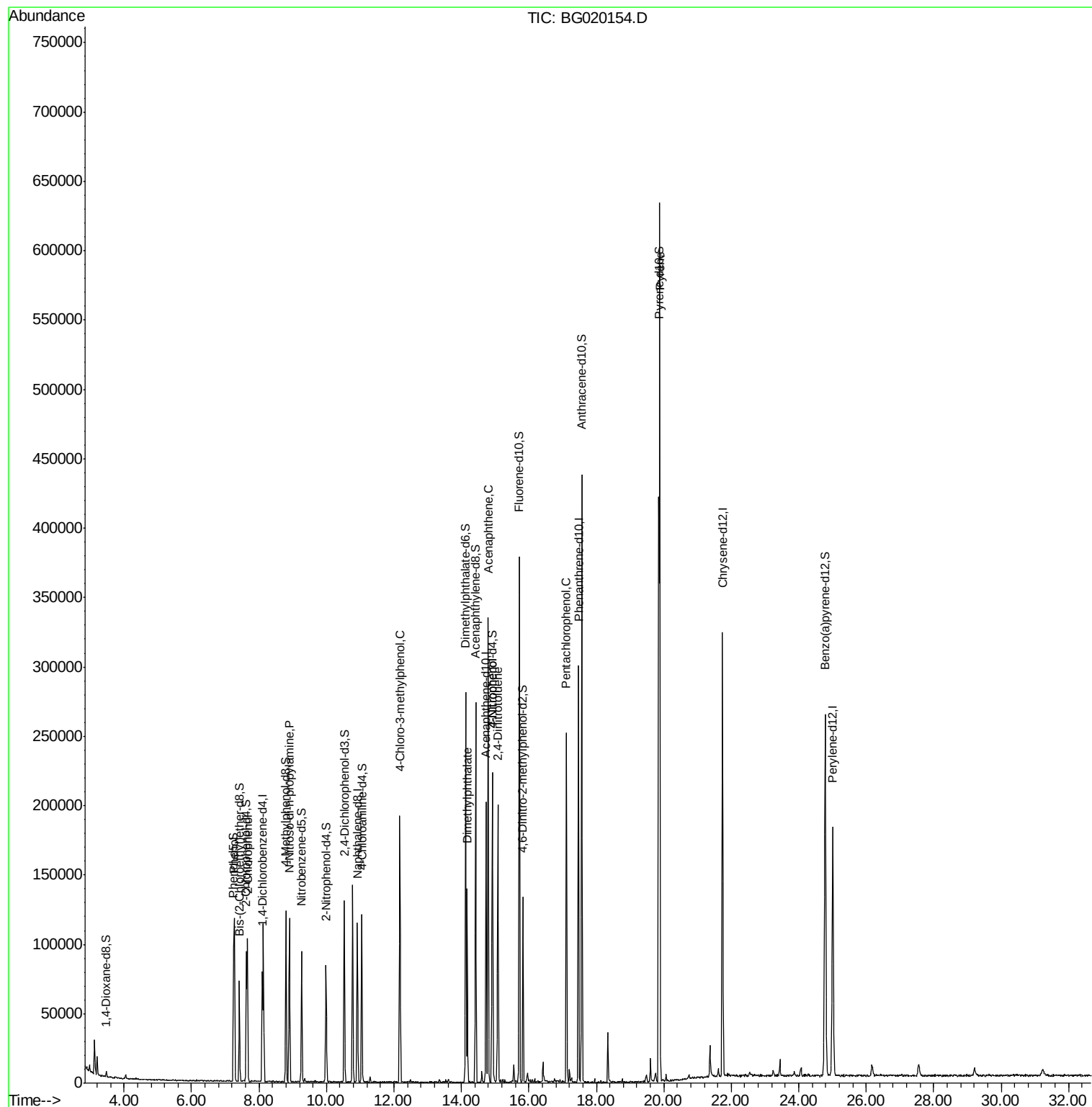
						Qvalue
6) Phenol	7.27	94	59856	30.04	ng/ul	96
10) 2-Chlorophenol	7.66	128	44278	31.24	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.90	70	43939	33.31	ng/ul	96
33) 4-Chloro-3-methylphenol	12.18	107	65281	31.40	ng/ul	92
45) Dimethylphthalate	14.17	163	88198	15.15	ng/ul	99
50) Acenaphthene	14.79	153	144359	30.45	ng/ul	99
53) 4-Nitrophenol	14.93	109	32201	32.75	ng/ul	94
55) 2,4-Dinitrotoluene	15.08	165	57568	32.57	ng/ul	98
69) Pentachlorophenol	17.11	266	46524	33.44	ng/ul	93
80) Pyrene	19.88	202	403438	32.47	ng/ul	99

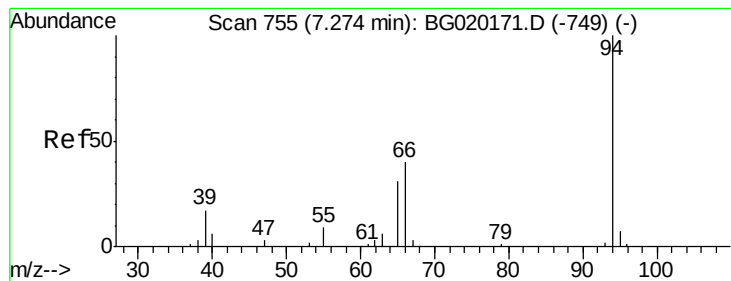
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 03:46:07 2015
Response via : Initial Calibration





#6

Phenol

Concen: 30.04 ng/ul

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

Instrument :

BNA_G

ClientSampleId :

D9N27MSD

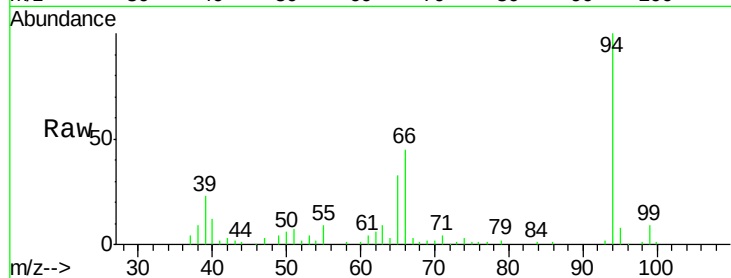
Tgt Ion: 94 Resp: 59856

Ion Ratio Lower Upper

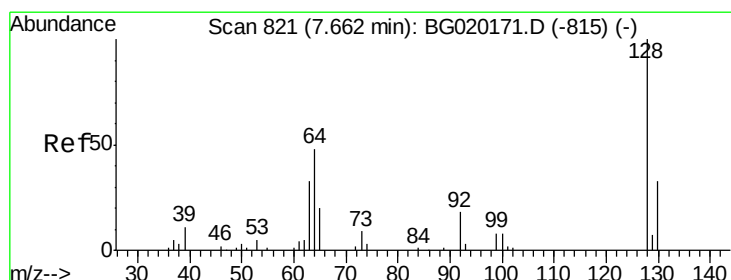
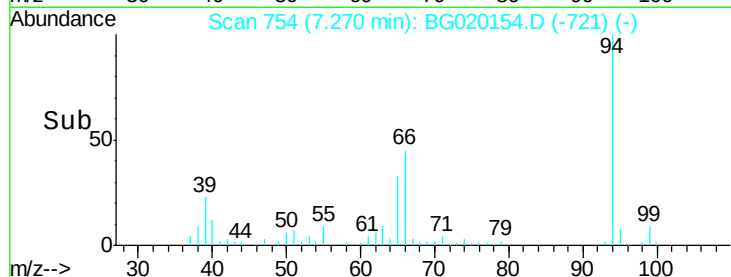
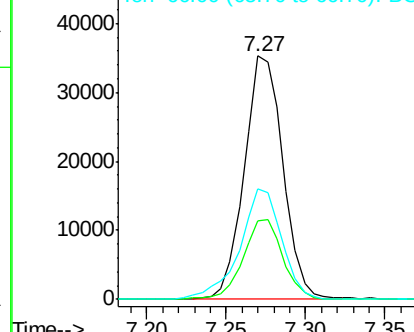
94 100

65 32.5 26.3 39.5

66 45.4 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: 31.24 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

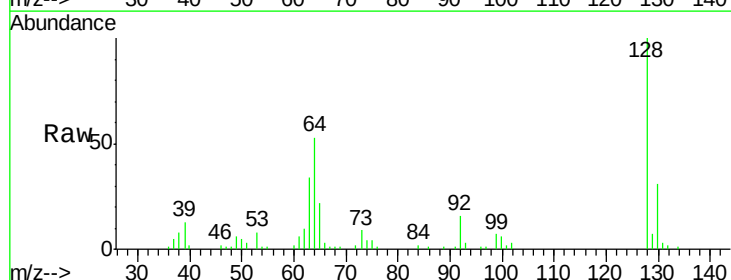
Tgt Ion: 128 Resp: 44278

Ion Ratio Lower Upper

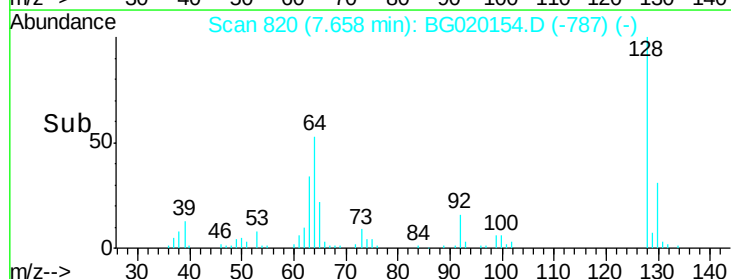
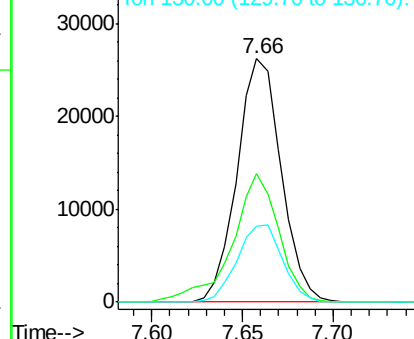
128 100

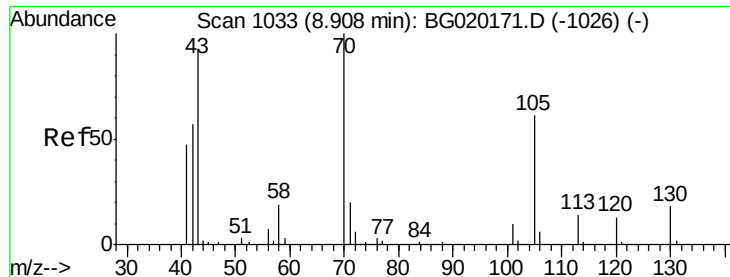
64 52.8 39.4 59.0

130 31.3 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: 33.31 ng/ul

RT: 8.90 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

Instrument :

BNA_G

ClientSampleId :

D9N27MSD

Tgt Ion: 70 Resp: 43939

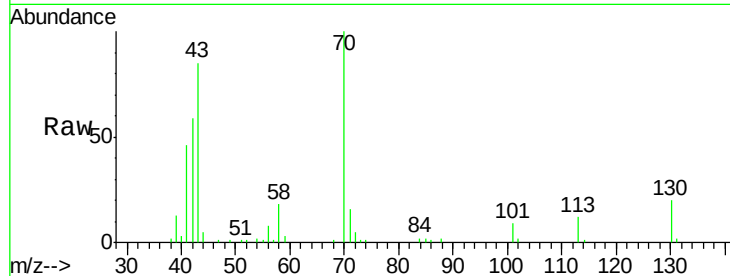
Ion Ratio Lower Upper

70 100

42 58.6 44.3 66.5

101 9.2 7.6 11.4

130 19.6 17.0 25.4



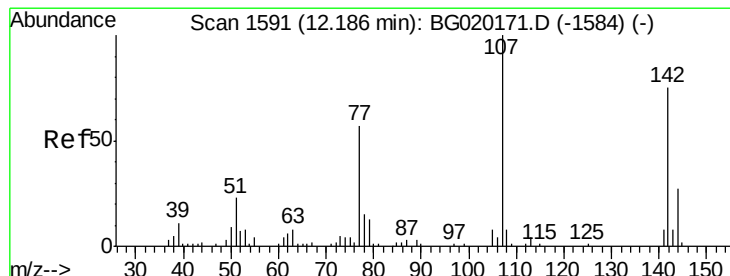
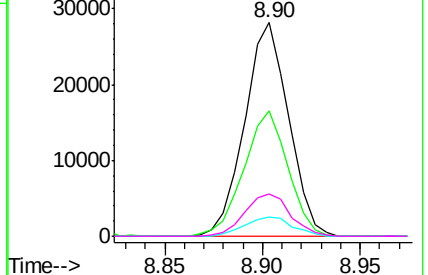
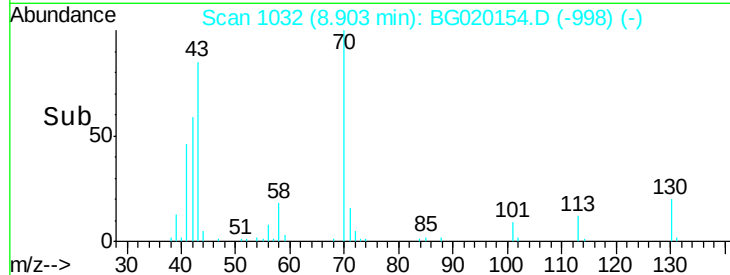
Abundance Ion 70.00 (69.70 to 70.70): BG020171.D (-1026) (-)

Ion 42.00 (41.70 to 42.70): BG020171.D (-1026) (-)

Ion 101.00 (100.70 to 101.70): BG020171.D (-1026) (-)

Ion 130.00 (129.70 to 130.70): BG020171.D (-1026) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 31.40 ng/ul

RT: 12.18 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

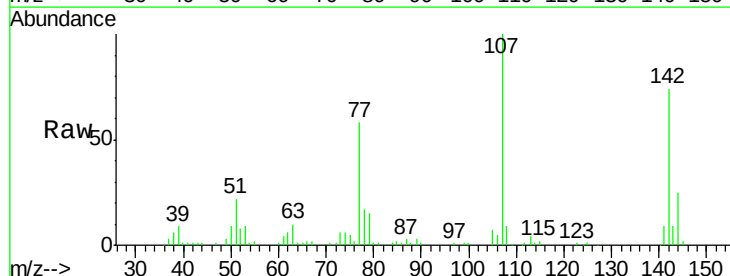
Tgt Ion: 107 Resp: 65281

Ion Ratio Lower Upper

107 100

144 25.1 18.7 28.1

142 73.7 52.8 79.2

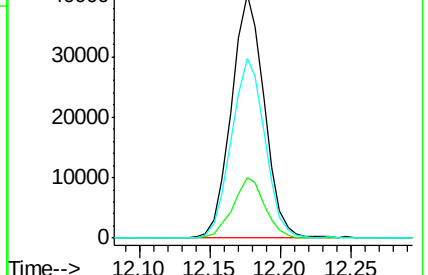
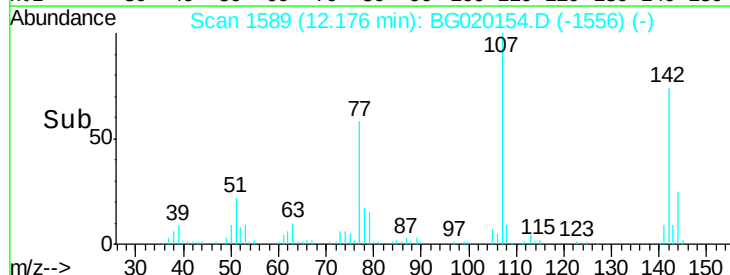


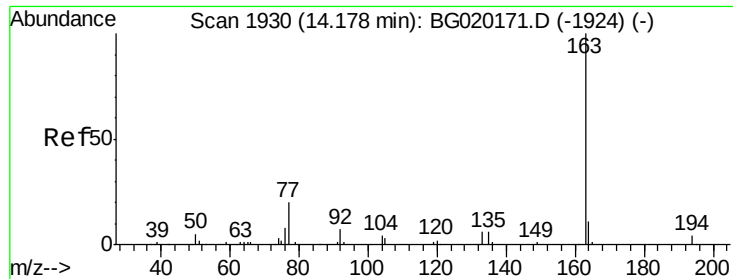
Abundance Ion 107.00 (106.70 to 107.70): BG020171.D (-1584) (-)

Ion 144.00 (143.70 to 144.70): BG020171.D (-1584) (-)

Ion 142.00 (141.70 to 142.70): BG020171.D (-1584) (-)

Time-->





#45

Dimethylphthalate

Concen: 15.15 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

Instrument :

BNA_G

ClientSampleId :

D9N27MSD

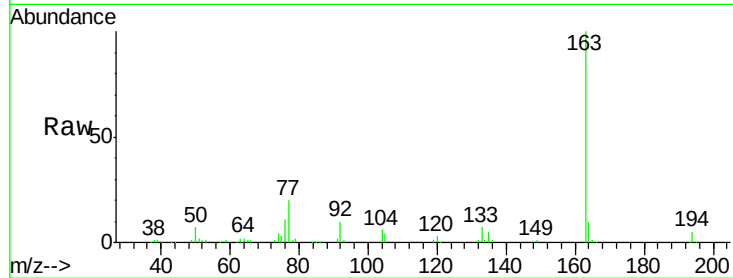
Tgt Ion:163 Resp: 88198

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

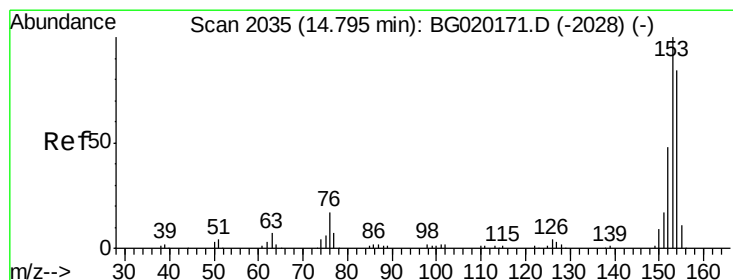
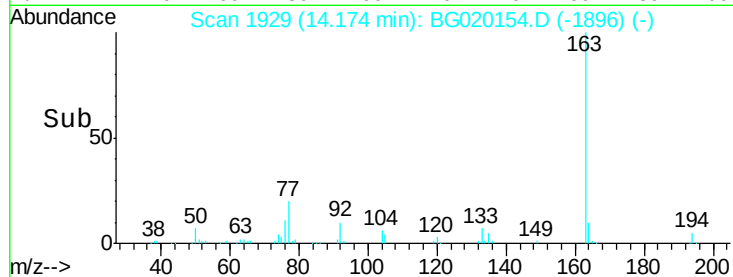
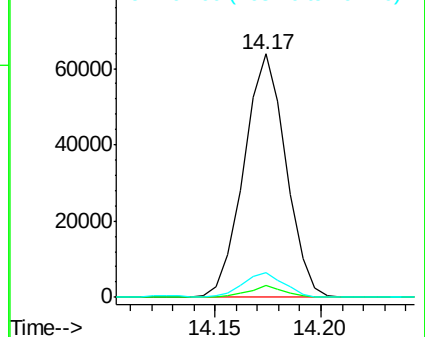
164 10.3 7.7 11.5



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: 30.45 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

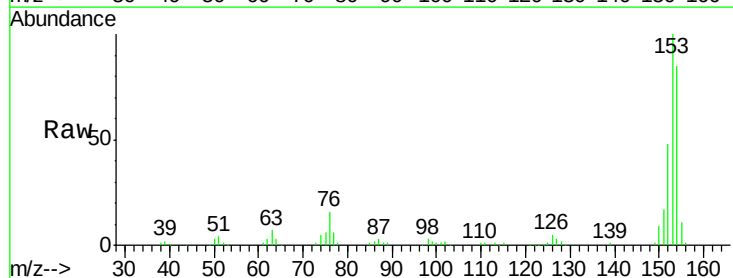
Tgt Ion:153 Resp: 144359

Ion Ratio Lower Upper

153 100

152 48.2 37.6 56.4

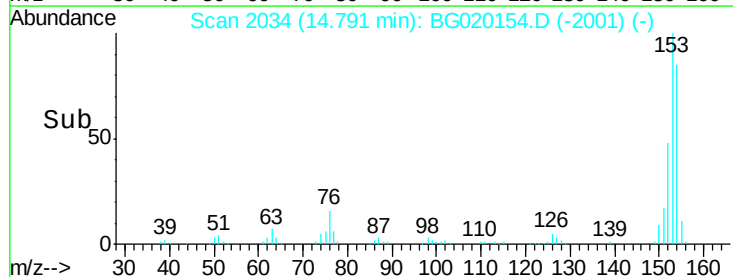
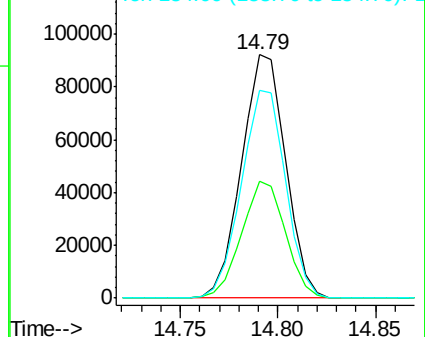
154 85.2 67.9 101.9

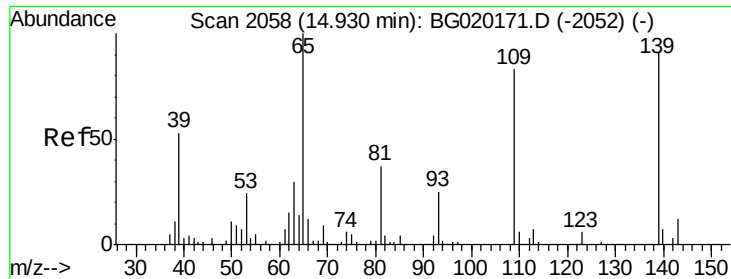


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 32.75 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

Instrument :

BNA_G

ClientSampleId :

D9N27MSD

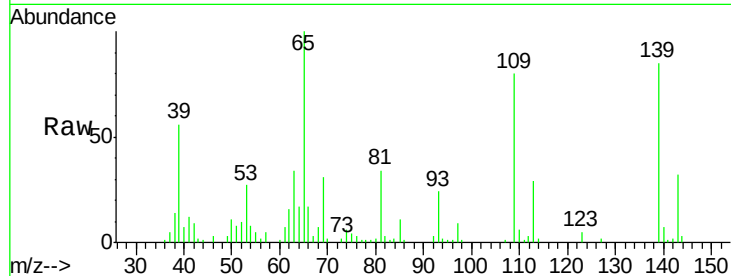
Tgt Ion:109 Resp: 32201

Ion Ratio Lower Upper

109 100

139 105.9 80.5 120.7

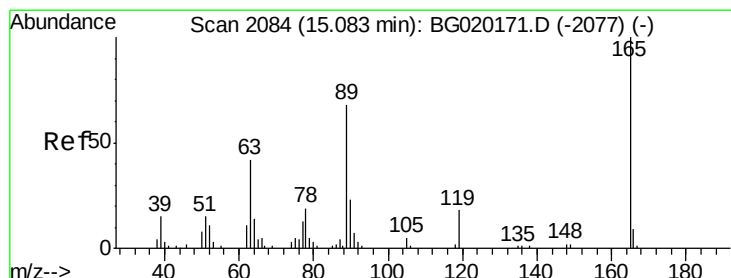
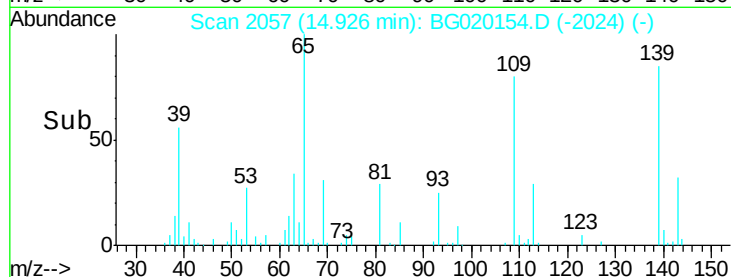
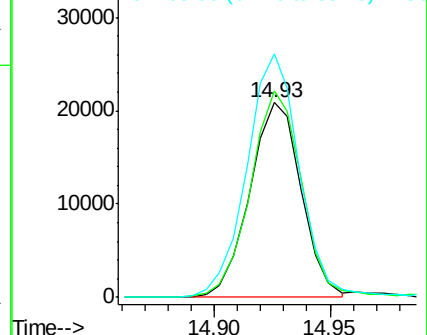
65 124.9 93.4 140.2



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: 32.57 ng/ul

RT: 15.08 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

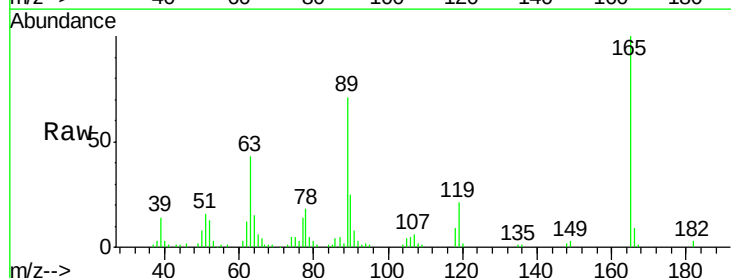
Tgt Ion:165 Resp: 57568

Ion Ratio Lower Upper

165 100

63 43.1 35.8 53.8

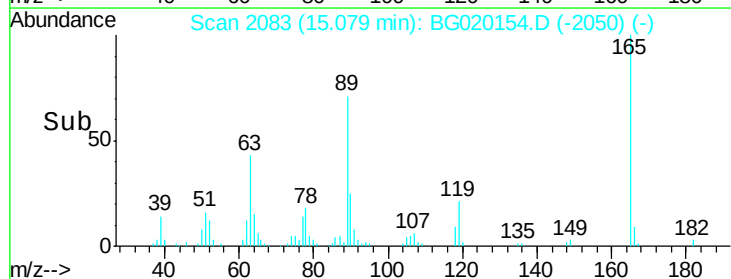
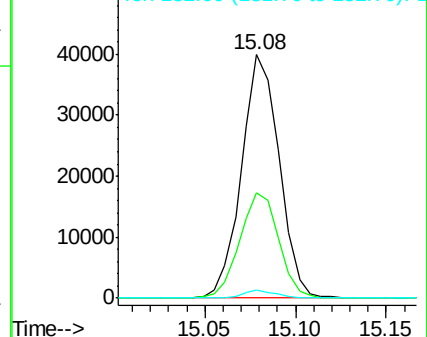
182 3.2 2.2 3.2

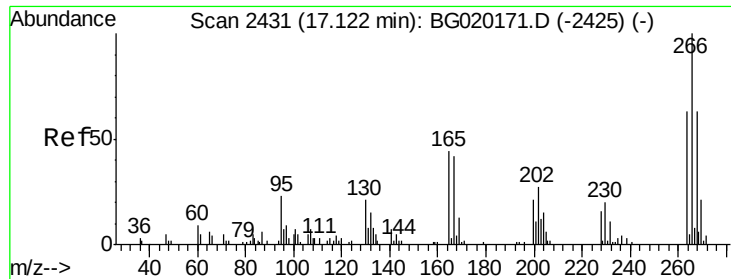


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 33.44 ng/ul

RT: 17.11 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

Instrument :

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ClientSampleId :

D9N27MSD

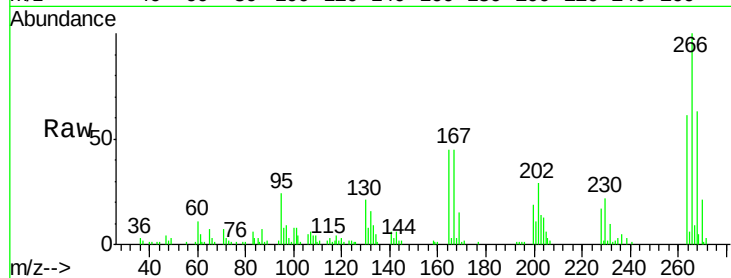
Tgt Ion:266 Resp: 46524

Ion Ratio Lower Upper

266 100

264 60.7 52.2 78.2

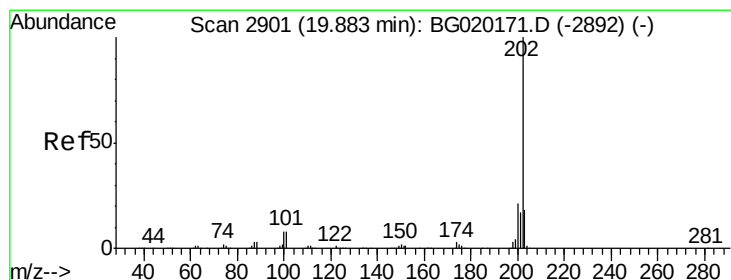
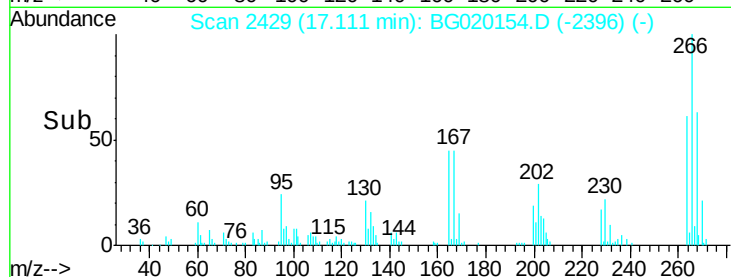
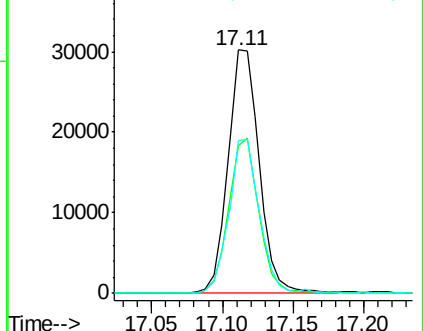
268 68.1 49.3 73.9



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: 32.47 ng/ul

RT: 19.88 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG020154.D

Acq: 14 Dec 2015 14:10

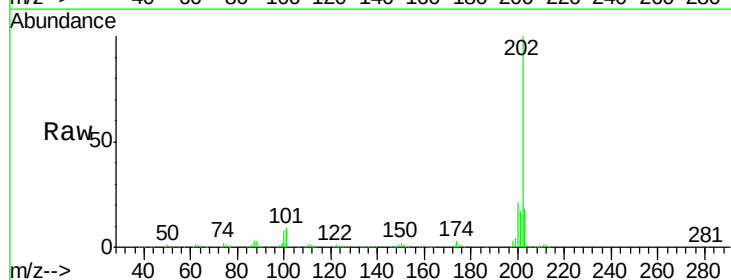
Tgt Ion:202 Resp: 403438

Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.4

100 7.5 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): E

