

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121515\
 Data File : BG020183.D
 Acq On : 15 Dec 2015 10:45
 Operator : UM/SJ
 Sample : G4787-21MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BP2MS

Quant Time: Dec 15 15:15:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 05:59:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	24523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	105936	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	79084	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	203768	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	219548	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	206535	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2241	5.05	ng/uL	0.00
5) Phenol-d5	7.25	99	62011	28.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	39720	30.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	48239	30.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	51958	28.10	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	26850	32.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	31674	34.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	56283	30.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	75011	35.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	214197	33.48	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	236643	31.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	33912	29.56	ng/ul	0.00
58) Fluorene-d10	15.72	176	181017	31.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	27058	22.40	ng/ul	0.00
71) Anthracene-d10	17.57	188	299621	31.91	ng/ul	0.00
79) Pyrene-d10	19.85	212	329155	32.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	318822	30.95	ng/ul	0.00

Target Compounds

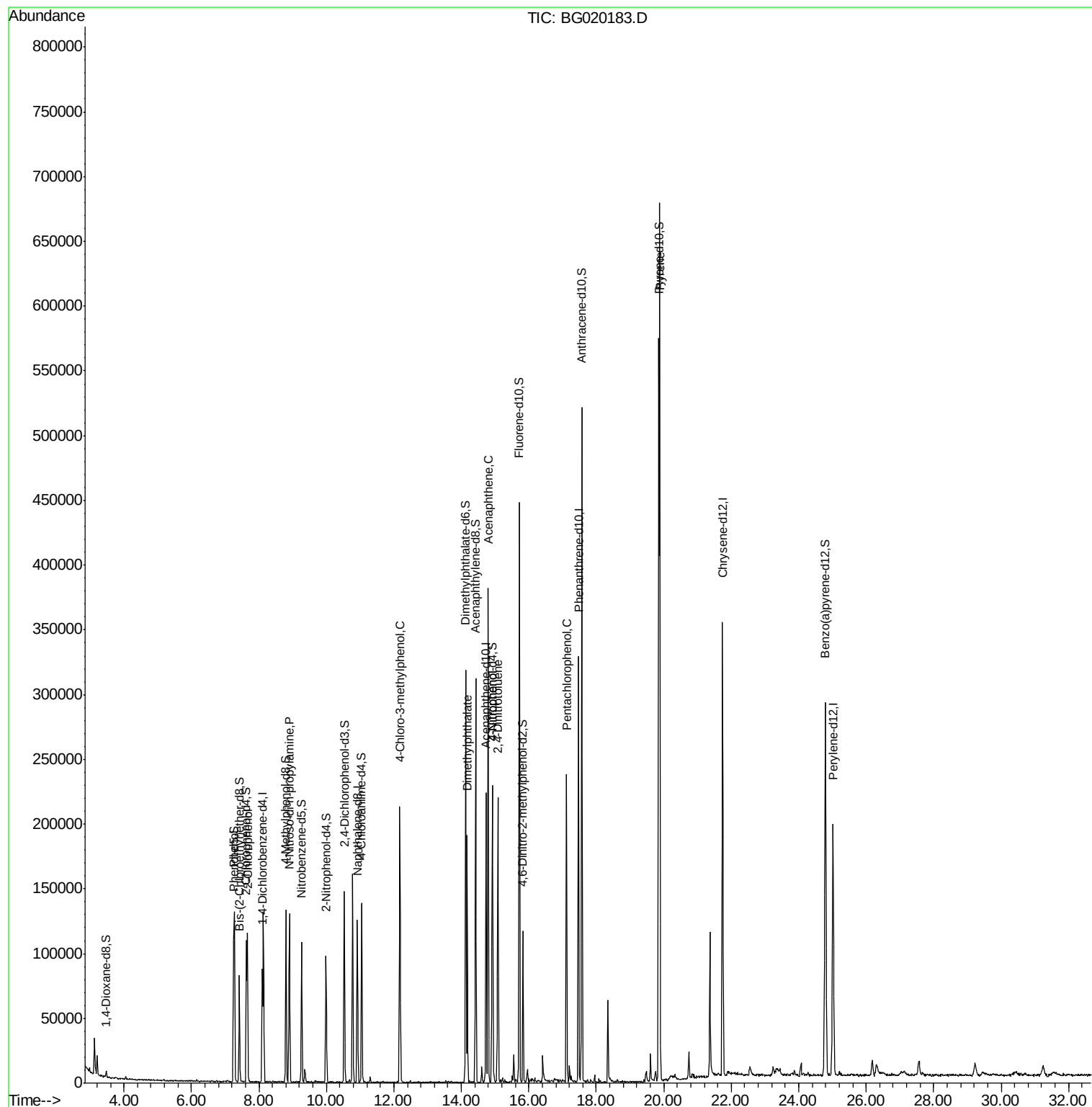
						Qvalue
6) Phenol	7.28	94	68429	29.55	ng/ul	97
10) 2-Chlorophenol	7.66	128	49685	30.17	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.90	70	49204	32.10	ng/ul	98
33) 4-Chloro-3-methylphenol	12.18	107	75426	33.20	ng/ul	97
45) Dimethylphthalate	14.17	163	116091	17.77	ng/ul	100
50) Acenaphthene	14.79	153	164647	30.95	ng/ul	99
53) 4-Nitrophenol	14.93	109	33804	30.63	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	65655	33.10	ng/ul	96
69) Pentachlorophenol	17.12	266	44646	28.83	ng/ul	95
80) Pyrene	19.88	202	429617	32.33	ng/ul	99

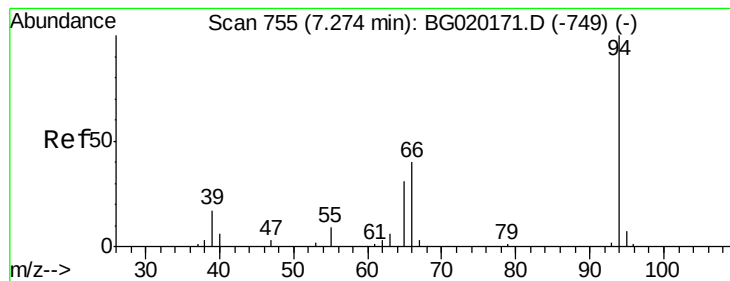
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 29.55 ng/ul

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG020183.D

Acq: 15 Dec 2015 10:45

Instrument :

BNA_G

ClientSampled :

G9BP2MS

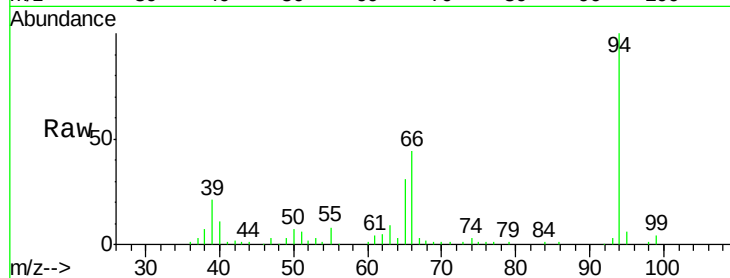
Tgt Ion: 94 Resp: 68429

Ion Ratio Lower Upper

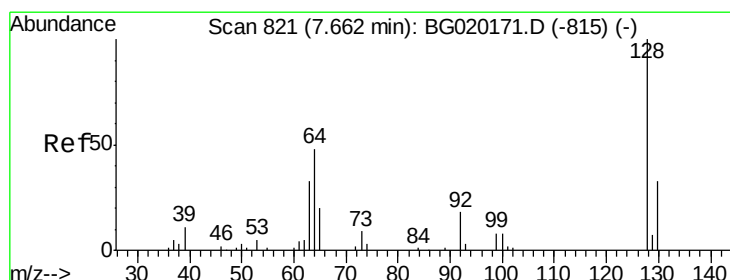
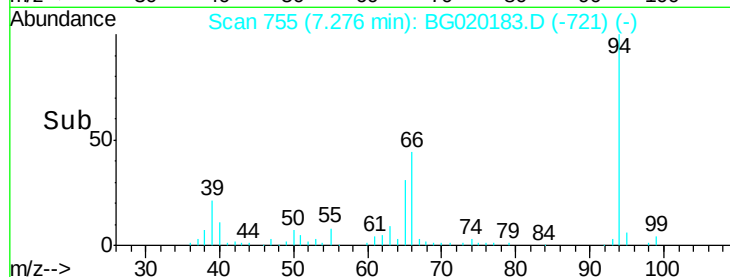
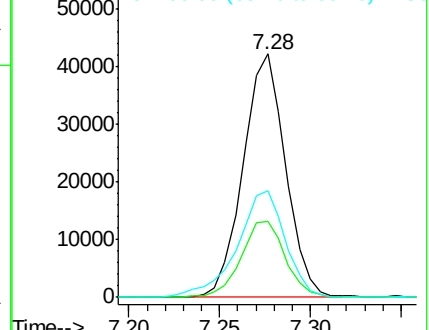
94 100

65 31.4 26.3 39.5

66 43.9 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: 30.17 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG020183.D

Acq: 15 Dec 2015 10:45

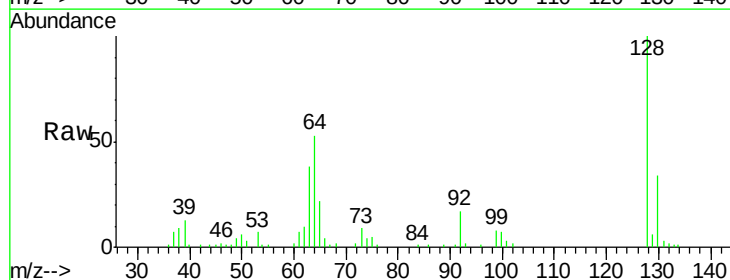
Tgt Ion: 128 Resp: 49685

Ion Ratio Lower Upper

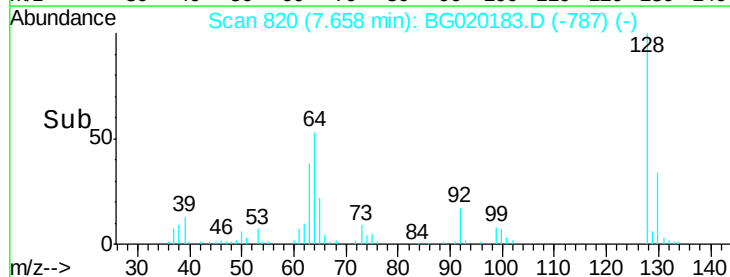
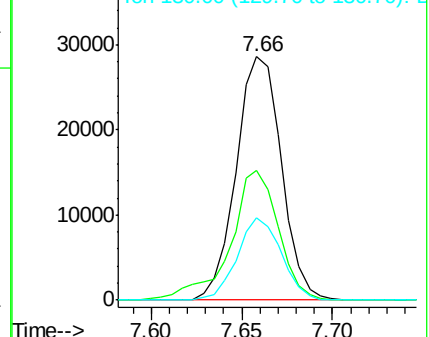
128 100

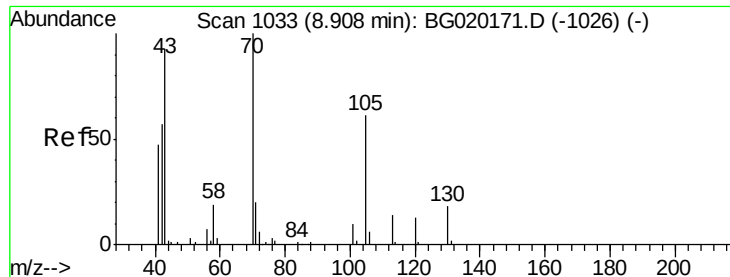
64 53.1 39.4 59.0

130 33.6 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

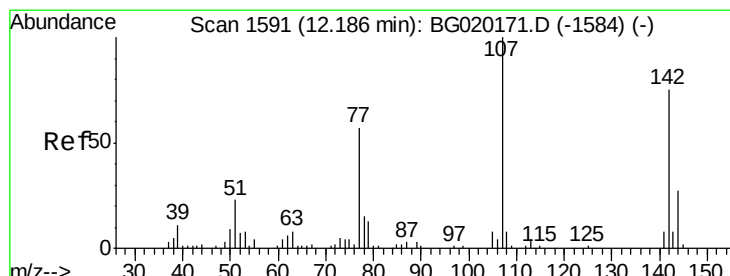
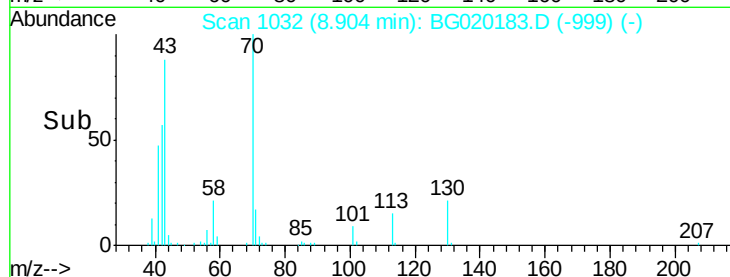
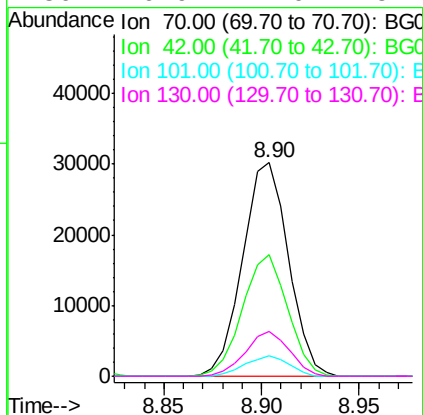
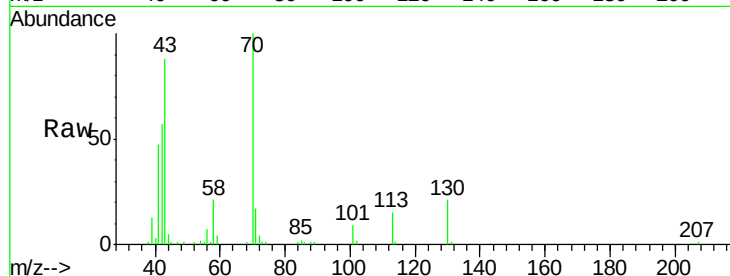




#15
N-Nitroso-di-n-propylamine
Concen: 32.10 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG020183.D
Acq: 15 Dec 2015 10:45

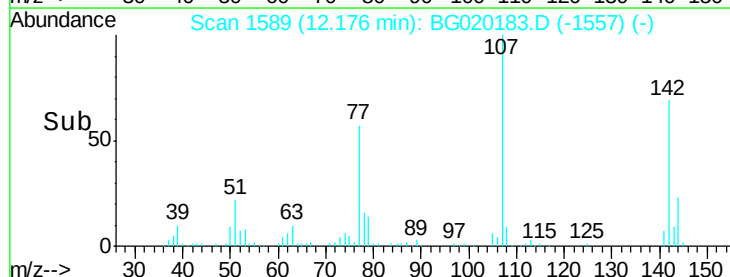
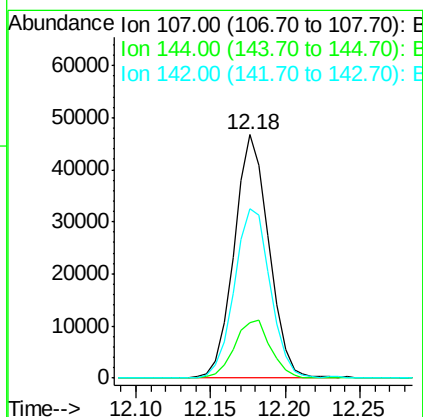
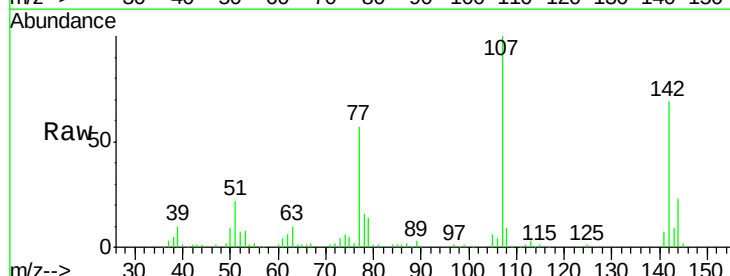
Instrument :
BNA_G
ClientSampleId :
G9BP2MS

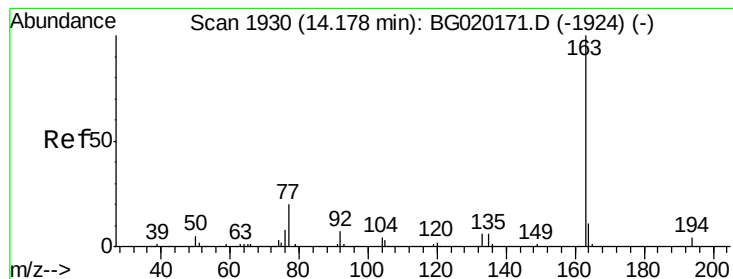
Tgt Ion: 70 Resp: 49204
Ion Ratio Lower Upper
70 100
42 57.1 44.3 66.5
101 9.3 7.6 11.4
130 20.9 17.0 25.4



#33
4-Chloro-3-methylphenol
Concen: 33.20 ng/ul
RT: 12.18 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG020183.D
Acq: 15 Dec 2015 10:45

Tgt Ion: 107 Resp: 75426
Ion Ratio Lower Upper
107 100
144 23.0 18.7 28.1
142 69.4 52.8 79.2





#45

Dimethylphthalate

Concen: 17.77 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG020183.D

Acq: 15 Dec 2015 10:45

Instrument :

BNA_G

ClientSampleId :

G9BP2MS

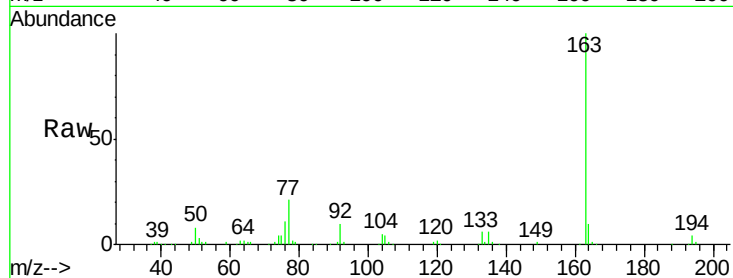
Tgt Ion:163 Resp: 116091

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

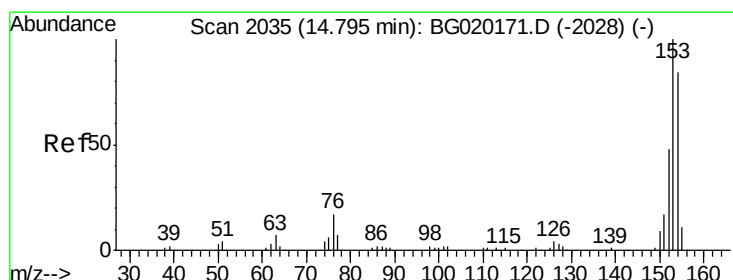
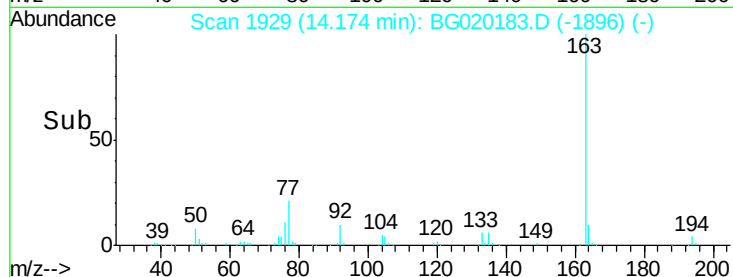
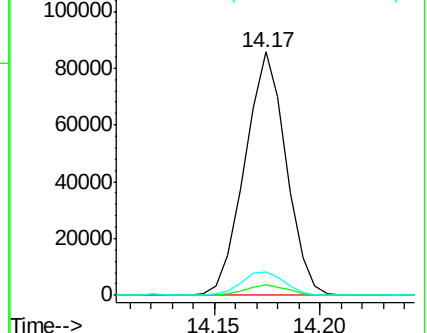
164 9.8 7.7 11.5



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: 30.95 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG020183.D

Acq: 15 Dec 2015 10:45

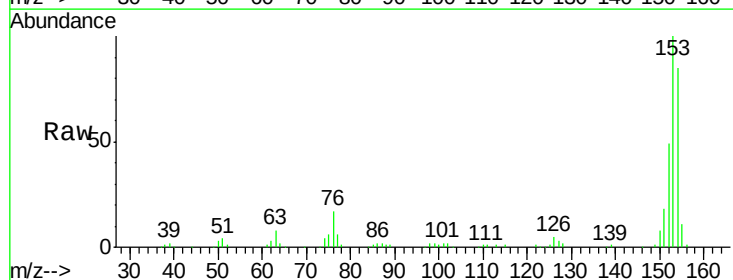
Tgt Ion:153 Resp: 164647

Ion Ratio Lower Upper

153 100

152 48.9 37.6 56.4

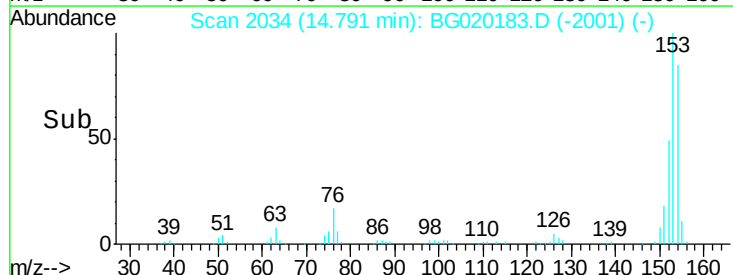
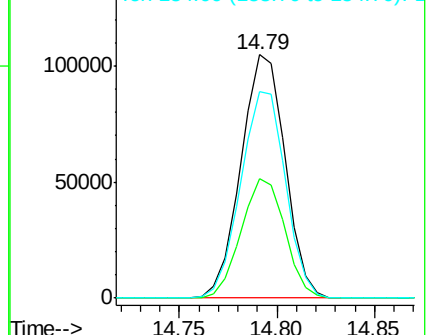
154 85.1 67.9 101.9

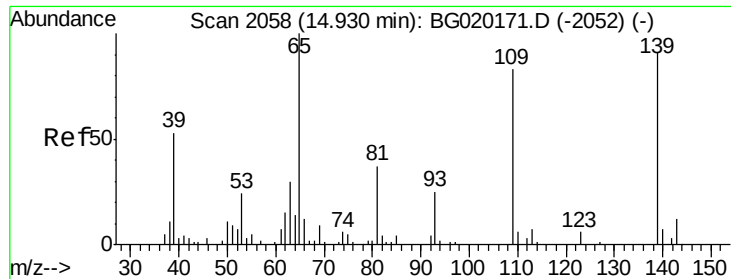


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 30.63 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG020183.D

Acq: 15 Dec 2015 10:45

Instrument :

BNA_G

ClientSampleId :

G9BP2MS

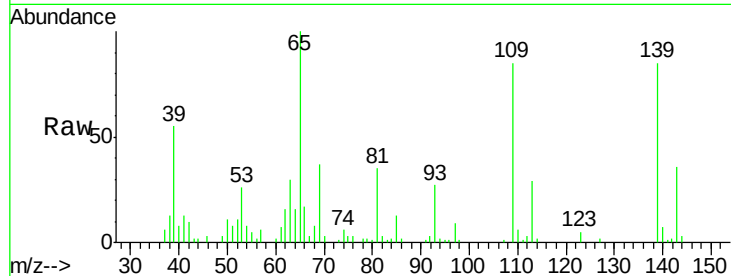
Tgt Ion:109 Resp: 33804

Ion Ratio Lower Upper

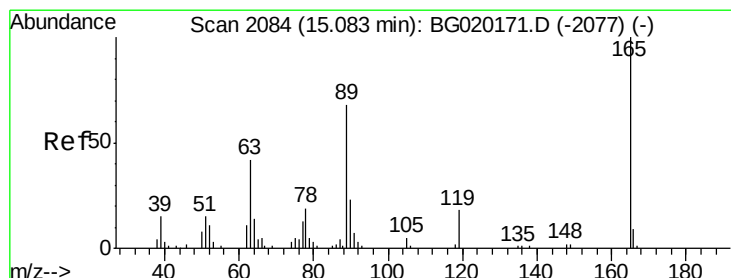
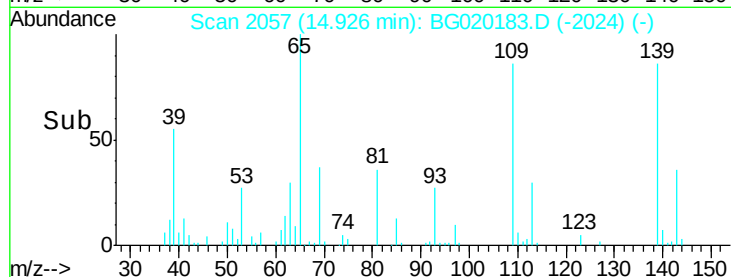
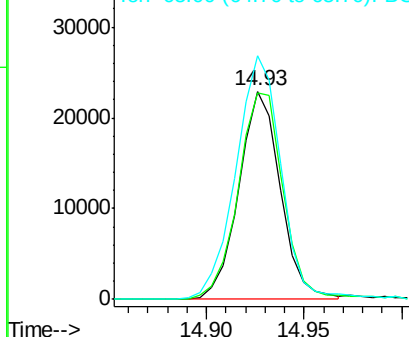
109 100

139 99.2 80.5 120.7

65 117.2 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): B



#55

2,4-Dinitrotoluene

Concen: 33.10 ng/ul

RT: 15.08 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG020183.D

Acq: 15 Dec 2015 10:45

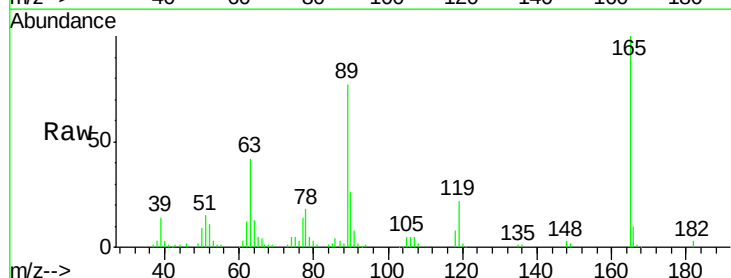
Tgt Ion:165 Resp: 65655

Ion Ratio Lower Upper

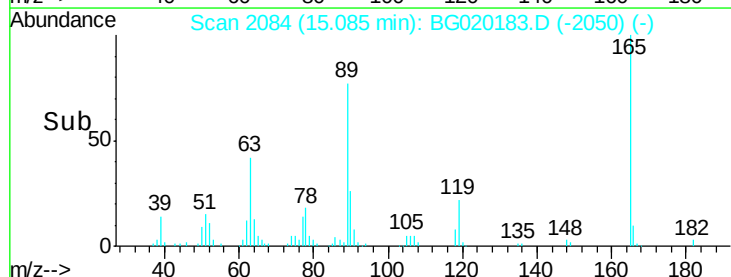
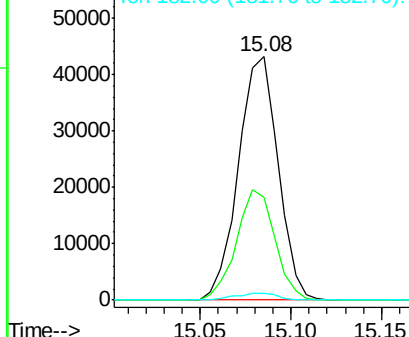
165 100

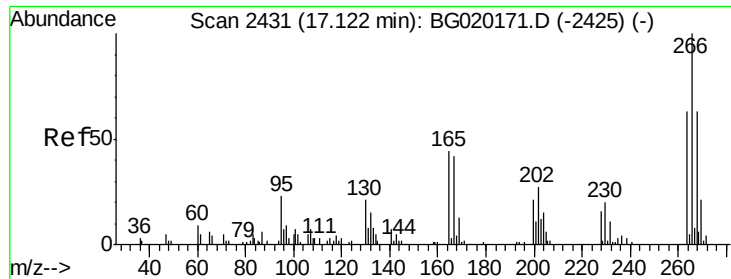
63 42.0 35.8 53.8

182 2.9 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 182.00 (181.70 to 182.70): E

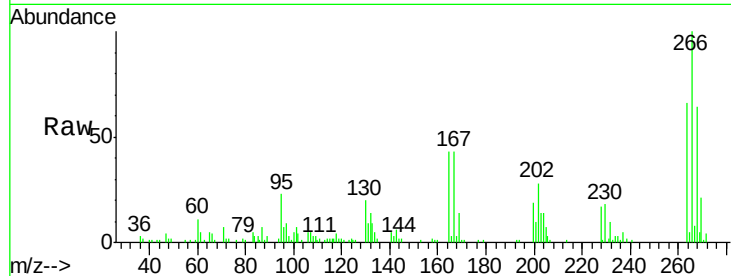




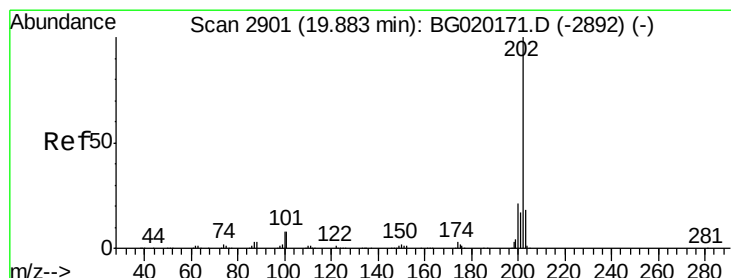
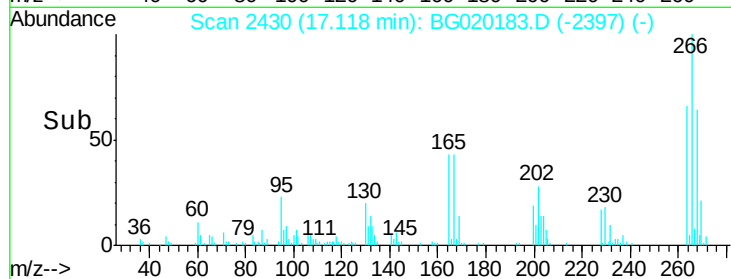
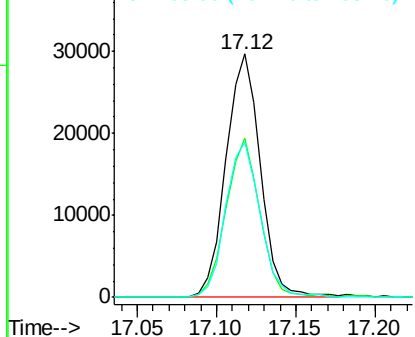
#69
 Pentachlorophenol
 Concen: 28.83 ng/ul
 RT: 17.12 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG020183.D
 Acq: 15 Dec 2015 10:45

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Tgt Ion	Ratio	Lower	Upper
266	100		
264	71.0	52.2	78.2
268	63.7	49.3	73.9

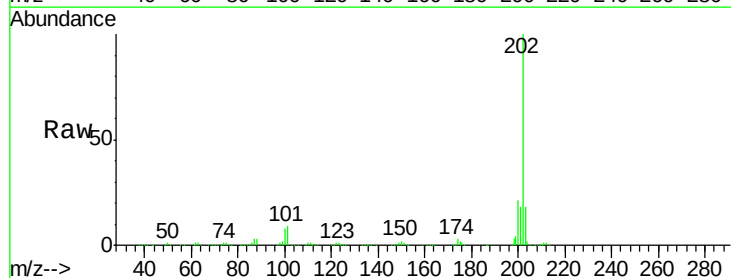


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 32.33 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. -0.00 min
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 Acq: 15 Dec 2015 10:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.4
100	7.7	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

