

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121515\
 Data File : BG020184.D
 Acq On : 15 Dec 2015 11:24
 Operator : UM/SJ
 Sample : G4787-22MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BP2MSD

Quant Time: Dec 15 15:34:57 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	23064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	101131	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	76007	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	186684	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	206036	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	192051	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2304	5.52	ng/uL	0.00
5) Phenol-d5	7.24	99	54427	26.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	34568	28.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	42543	28.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	47065	27.06	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	23096	29.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27030	30.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	49185	27.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	64759	32.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	184912	30.08	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	202965	28.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	29230	26.51	ng/ul	0.00
58) Fluorene-d10	15.72	176	153410	27.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	22131	20.00	ng/ul	0.00
71) Anthracene-d10	17.57	188	253406	29.46	ng/ul	0.00
79) Pyrene-d10	19.85	212	279213	29.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	272046	28.40	ng/ul	0.00

Target Compounds

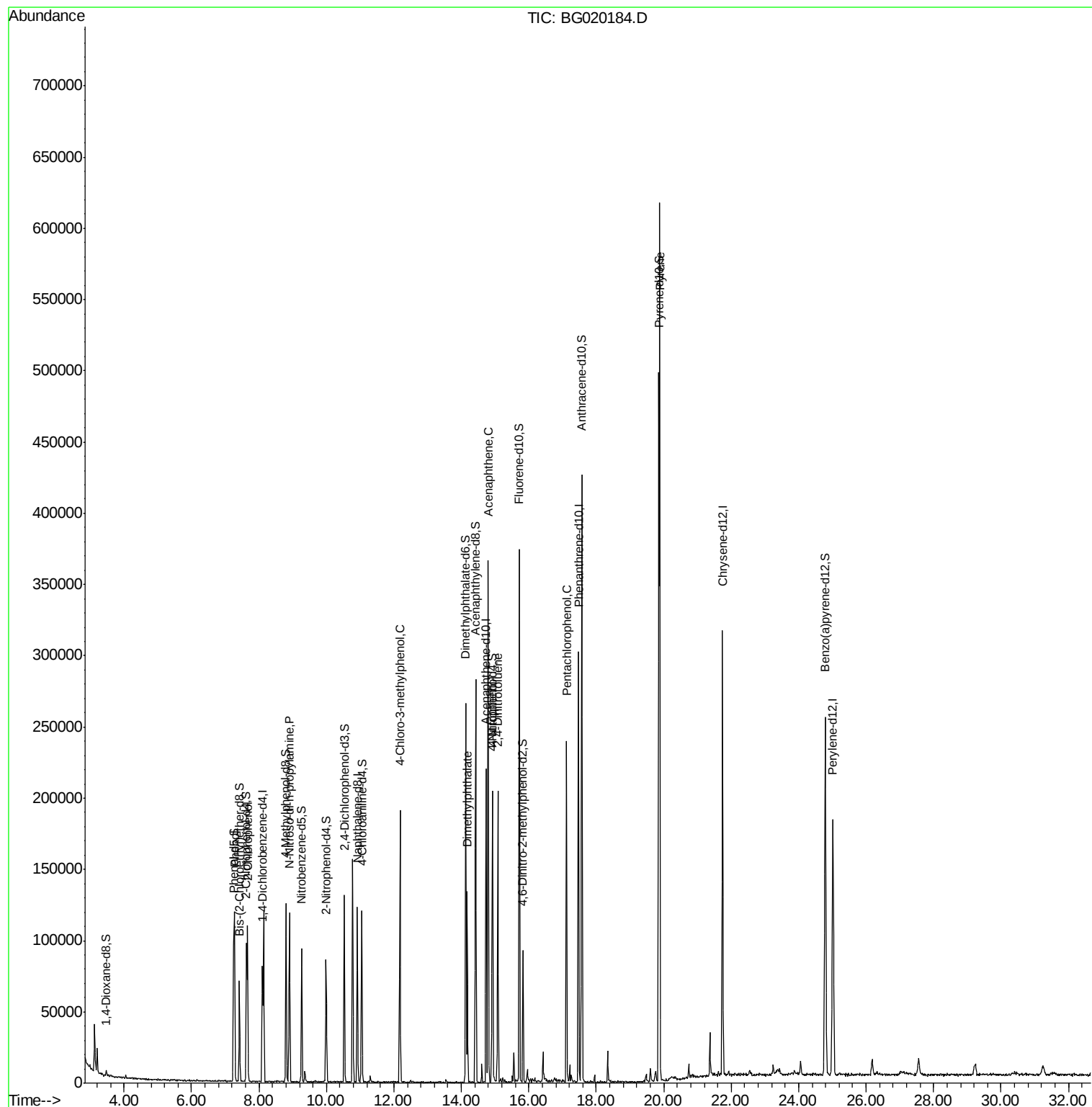
						Qvalue
6) Phenol	7.27	94	62981	28.92	ng/ul	96
10) 2-Chlorophenol	7.66	128	46954	30.31	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.90	70	45380	31.48	ng/ul	98
33) 4-Chloro-3-methylphenol	12.18	107	68007	31.36	ng/ul	92
45) Dimethylphthalate	14.17	163	83380	13.28	ng/ul	98
50) Acenaphthene	14.79	153	154249	30.17	ng/ul	97
53) 4-Nitrophenol	14.93	109	31508	29.71	ng/ul	95
55) 2,4-Dinitrotoluene	15.08	165	58893	30.89	ng/ul#	99
69) Pentachlorophenol	17.12	266	42706	30.10	ng/ul	97
80) Pyrene	19.88	202	401069	32.16	ng/ul	99

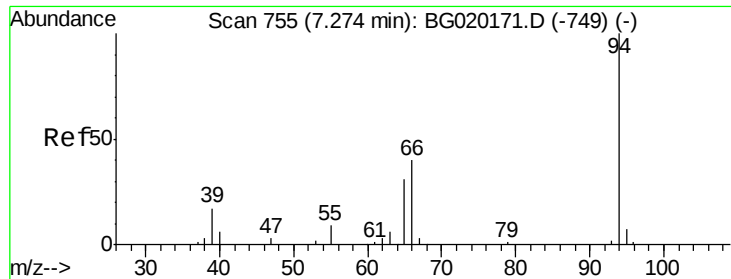
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 05:59:19 2015
Response via : Initial Calibration





#6

Phenol

Concen: 28.92 ng/ul

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG020184.D

Acq: 15 Dec 2015 11:24

Instrument :

BNA_G

ClientSampleId :

G9BP2MSD

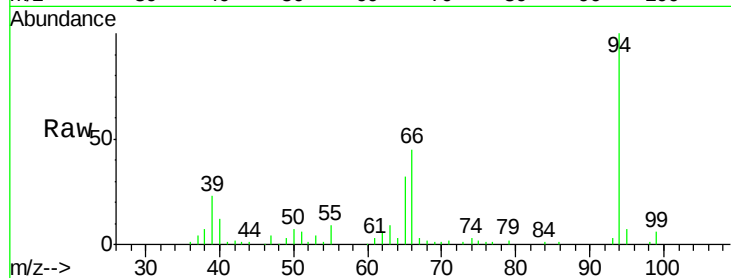
Tgt Ion: 94 Resp: 62981

Ion Ratio Lower Upper

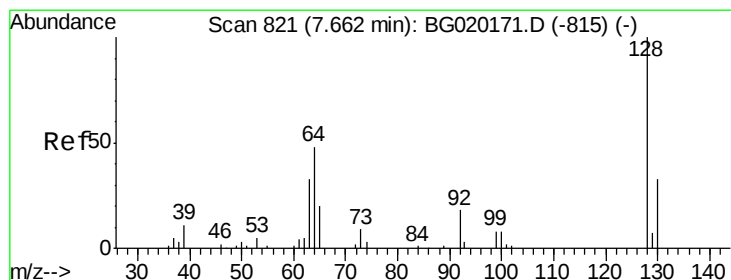
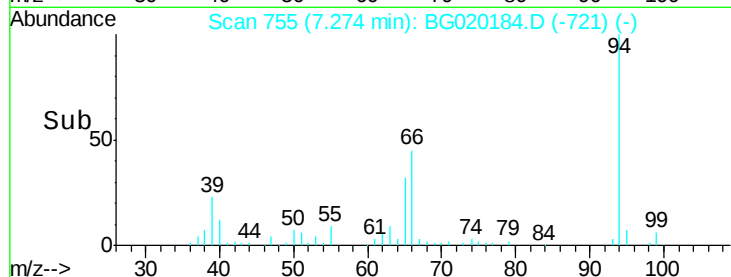
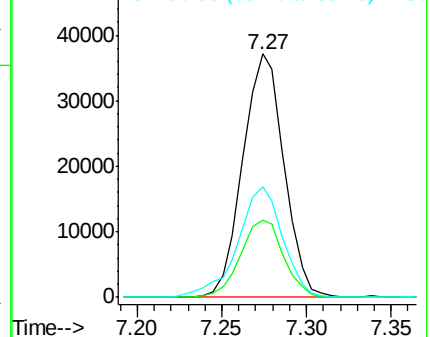
94 100

65 32.0 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: 30.31 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG020184.D

Acq: 15 Dec 2015 11:24

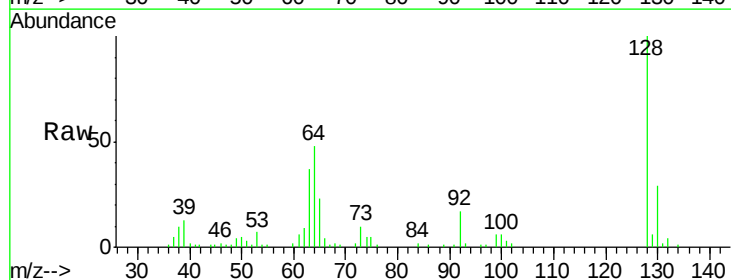
Tgt Ion: 128 Resp: 46954

Ion Ratio Lower Upper

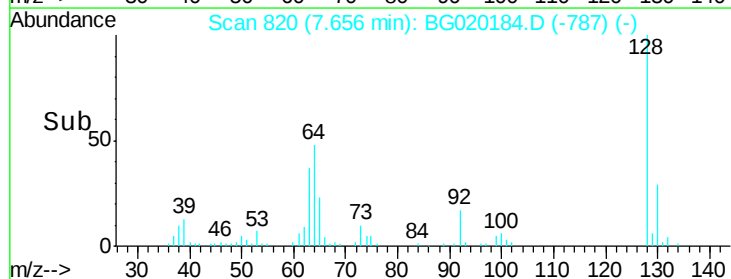
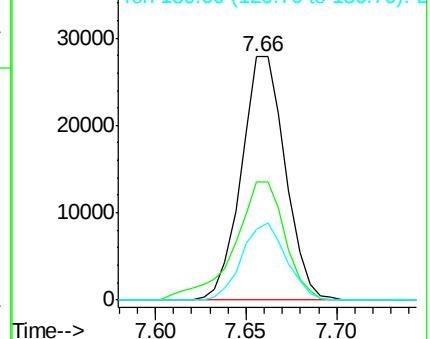
128 100

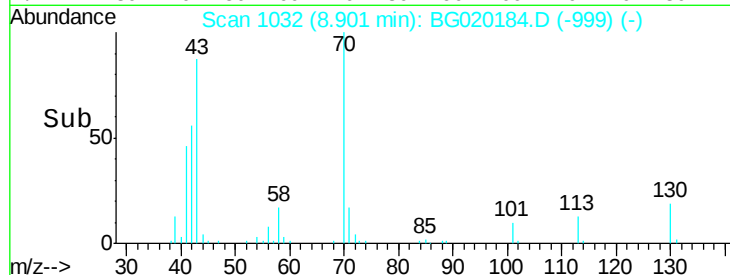
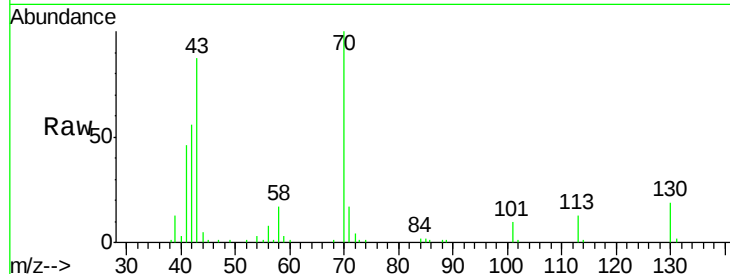
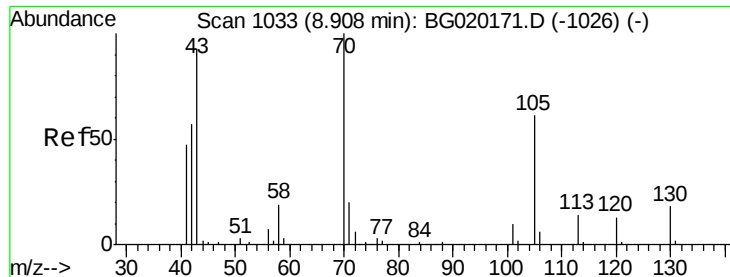
64 48.4 39.4 59.0

130 29.3 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

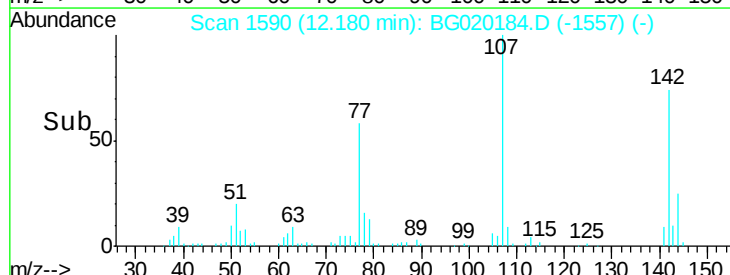
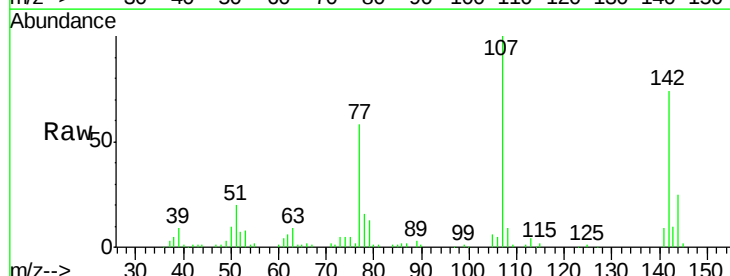
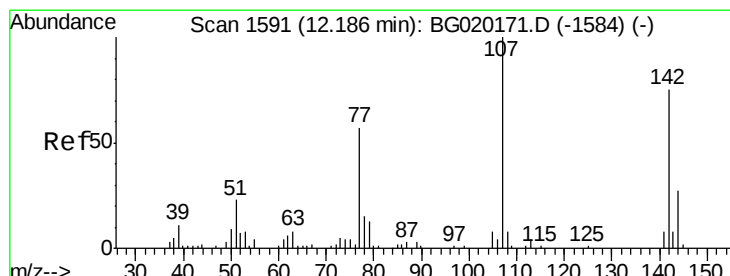
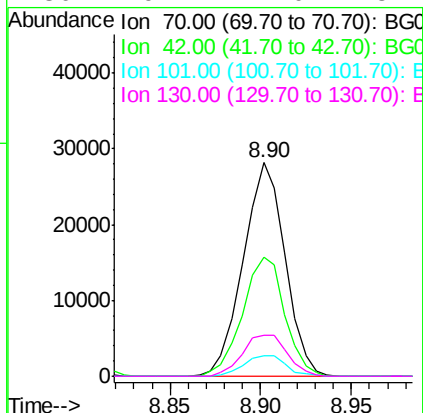




#15
N-Nitroso-di-n-propylamine
Concen: 31.48 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG020184.D
Acq: 15 Dec 2015 11:24

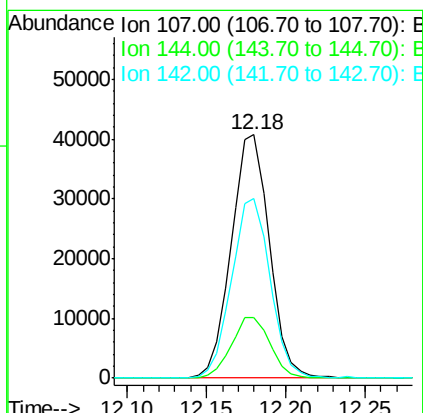
Instrument :
BNA_G
ClientSampleId :
G9BP2MSD

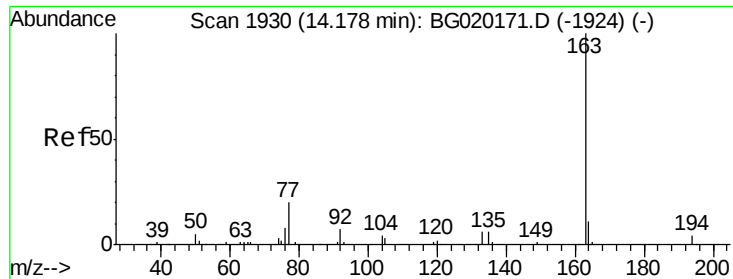
Tgt Ion: 70 Resp: 45380
Ion Ratio Lower Upper
70 100
42 55.8 44.3 66.5
101 9.9 7.6 11.4
130 19.1 17.0 25.4



#33
4-Chloro-3-methylphenol
Concen: 31.36 ng/ul
RT: 12.18 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG020184.D
Acq: 15 Dec 2015 11:24

Tgt Ion: 107 Resp: 68007
Ion Ratio Lower Upper
107 100
144 24.7 18.7 28.1
142 73.8 52.8 79.2





#45

Dimethylphthalate

Concen: 13.28 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG020184.D

Acq: 15 Dec 2015 11:24

Instrument :

BNA_G

ClientSampleId :

G9BP2MSD

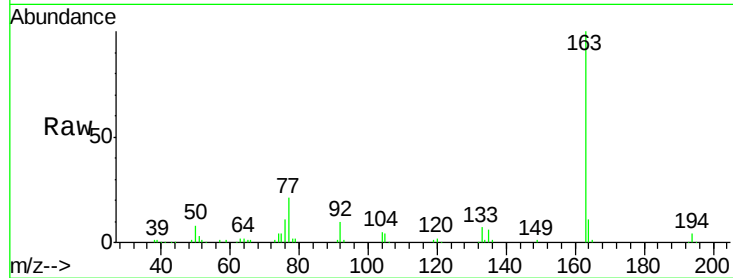
Tgt Ion:163 Resp: 83380

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

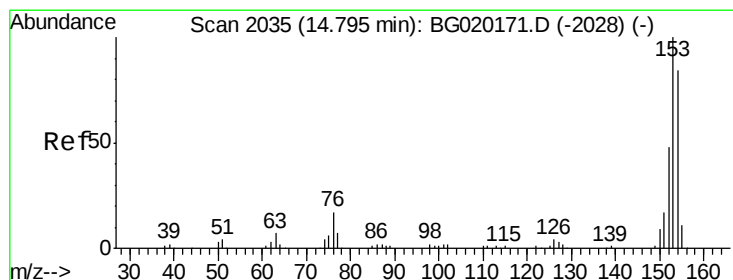
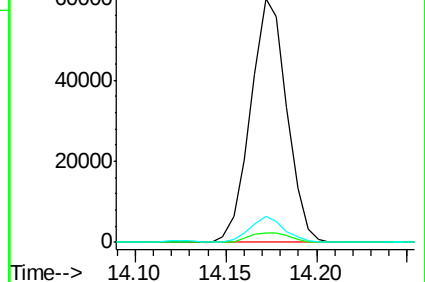
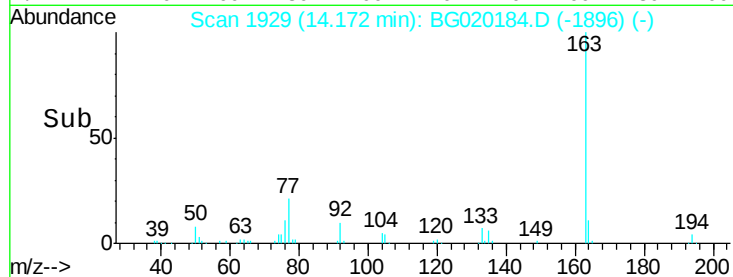
164 10.6 7.7 11.5



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: 30.17 ng/ul

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG020184.D

Acq: 15 Dec 2015 11:24

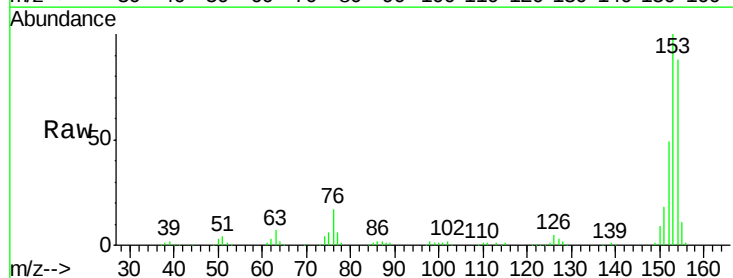
Tgt Ion:153 Resp: 154249

Ion Ratio Lower Upper

153 100

152 48.9 37.6 56.4

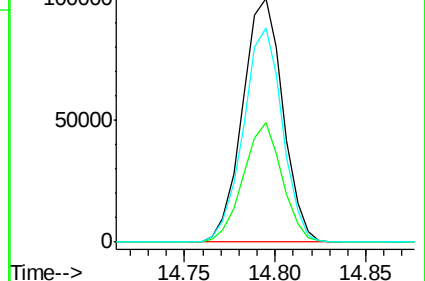
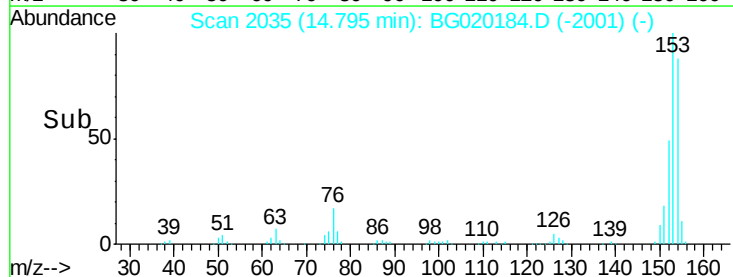
154 88.2 67.9 101.9

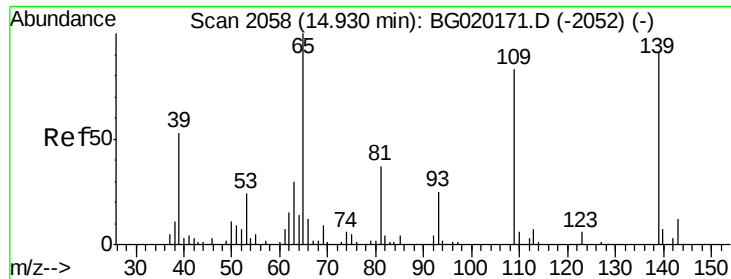


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 29.71 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG020184.D

Acq: 15 Dec 2015 11:24

Instrument :

BNA_G

ClientSampleId :

G9BP2MSD

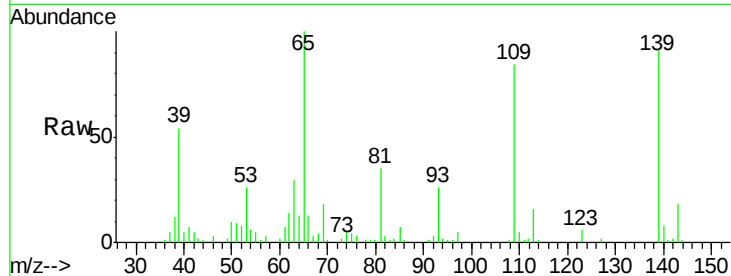
Tgt Ion:109 Resp: 31508

Ion Ratio Lower Upper

109 100

139 109.0 80.5 120.7

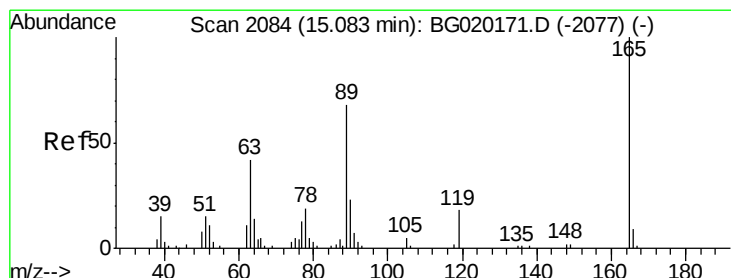
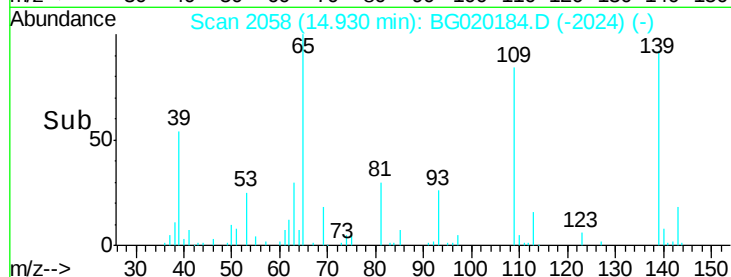
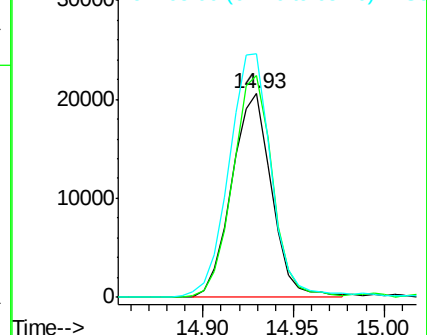
65 119.6 93.4 140.2



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: 30.89 ng/ul

RT: 15.08 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG020184.D

Acq: 15 Dec 2015 11:24

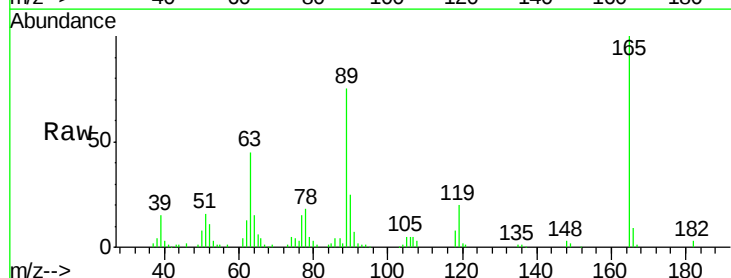
Tgt Ion:165 Resp: 58893

Ion Ratio Lower Upper

165 100

63 45.4 35.8 53.8

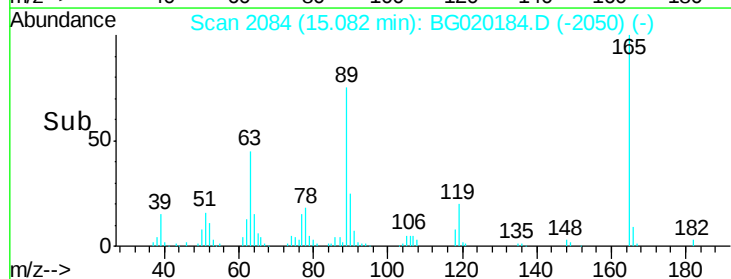
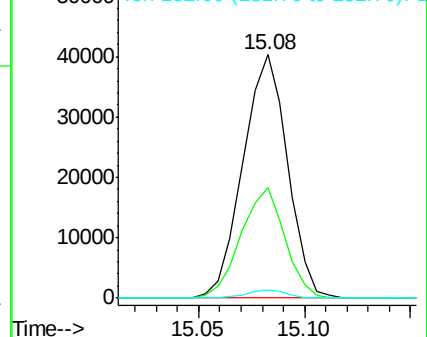
182 3.3 2.2 3.2#

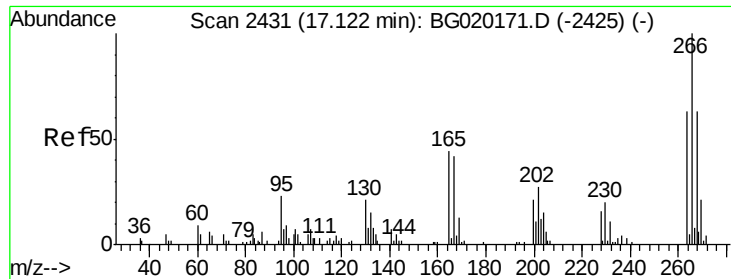


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E

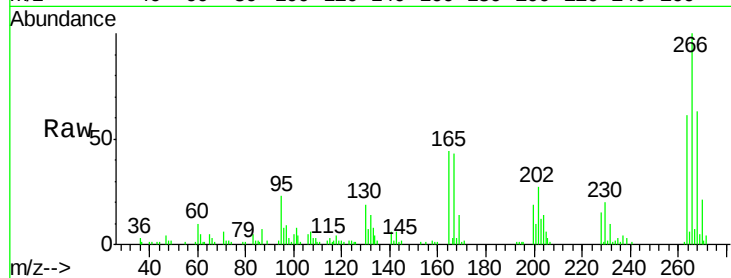




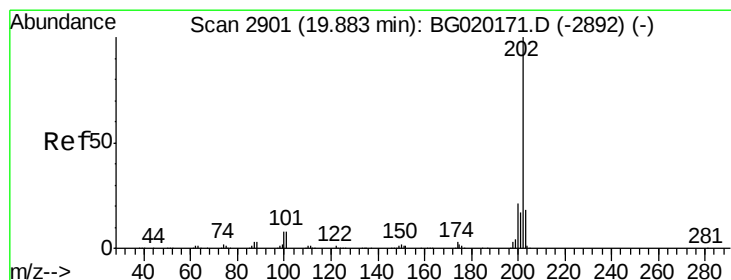
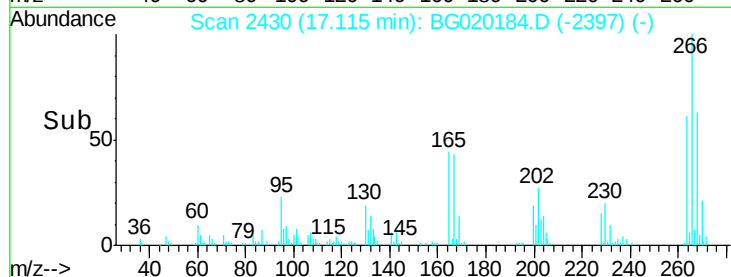
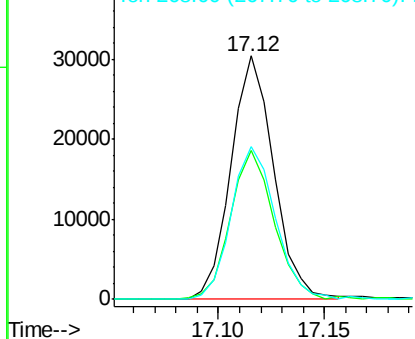
#69
 Pentachlorophenol
 Concen: 30.10 ng/ul
 RT: 17.12 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG020184.D
 Acq: 15 Dec 2015 11:24

Instrument :
 BNA_G
 ClientSampleId :
 G9BP2MSD

Tgt Ion:266 Resp: 42706
 Ion Ratio Lower Upper
 266 100
 264 61.0 52.2 78.2
 268 62.6 49.3 73.9

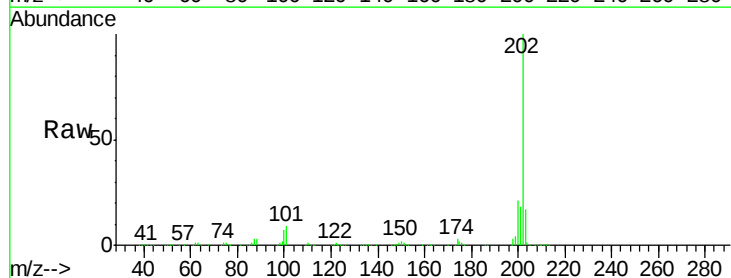


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 32.16 ng/ul
 RT: 19.88 min Scan# 2901
 Delta R.T. -0.00 min
 Lab File: BG020184.D
 Acq: 15 Dec 2015 11:24

Tgt Ion:202 Resp: 401069
 Ion Ratio Lower Upper
 202 100
 101 8.5 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): B

