

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024911.D
 Acq On : 23 Nov 2016 17:50
 Operator : UM/SJ
 Sample : H5716-13MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WH5MS

Quant Time: Nov 24 01:12:17 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:09:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	84312	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	362795	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	307578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	694180	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	908358	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	932240	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2457	1.38	ng/uL	0.01
5) Phenol-d5	7.39	99	44839	5.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	127018	26.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	117915	21.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	91971	13.71	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	78105	27.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	93851	28.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	162466	24.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	10088	1.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	692681	30.63	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	718559	28.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	26546	6.67	ng/ul	0.00
57) Fluorene-d10	15.86	176	600395	28.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	148820	30.20	ng/ul	0.00
70) Anthracene-d10	17.61	188	694180	21.98	ng/ul	-0.10
76) Pyrene-d10	19.98	212	1308144	32.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	1343699	32.42	ng/ul	0.00

Target Compounds

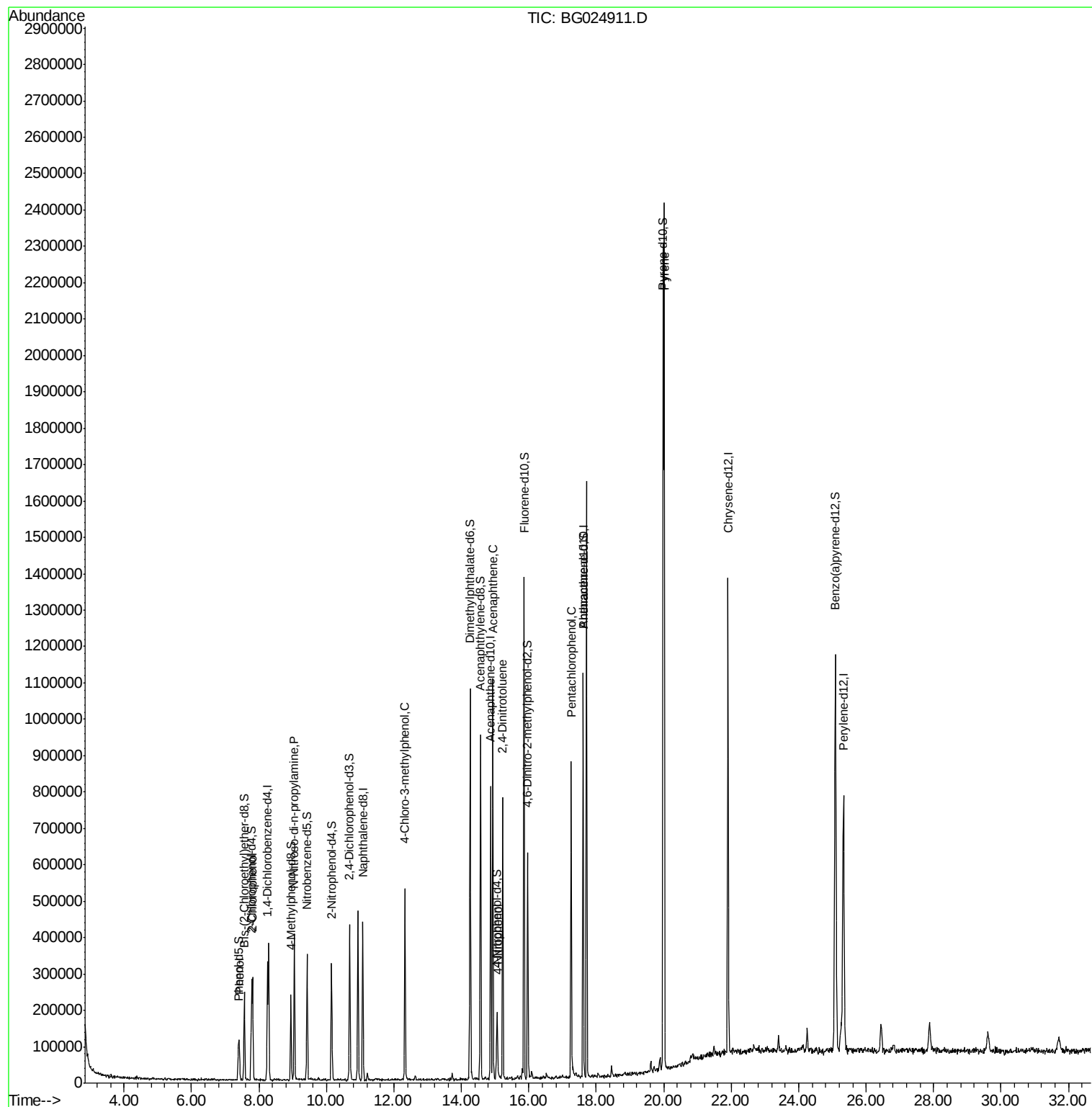
						Qvalue
6) Phenol	7.42	94	55386	6.89	ng/ul	89
10) 2-Chlorophenol	7.81	128	108977	20.36	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.05	70	154325	26.75	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.33	107	188605	22.98	ng/ul	94
49) Acenaphthene	14.93	153	457085	27.62	ng/ul	95
52) 4-Nitrophenol	15.07	109	29918	6.45	ng/ul	83
54) 2,4-Dinitrotoluene	15.22	165	221815	31.06	ng/ul#	90
68) Pentachlorophenol	17.26	266	182333	32.45	ng/ul	91
77) Pyrene	20.01	202	1493654	31.73	ng/ul	99

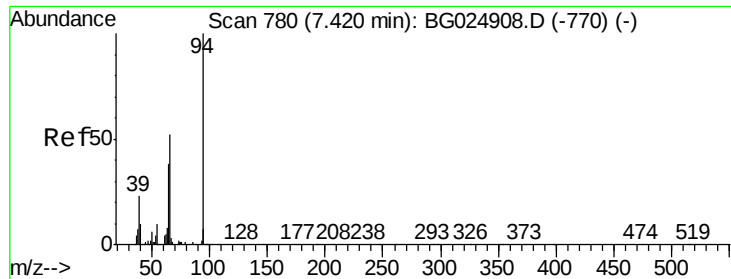
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.89 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

Instrument :

BNA_G

ClientSampleId :

A4WH5MS

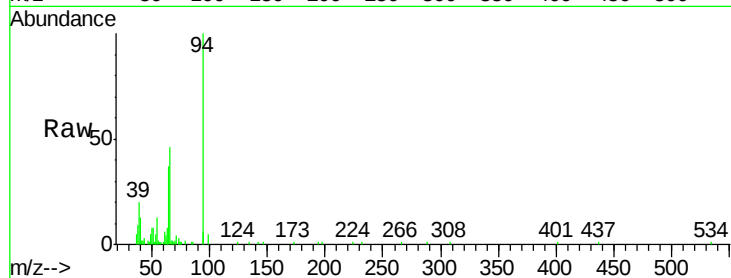
Tgt Ion: 94 Resp: 55386

Ion Ratio Lower Upper

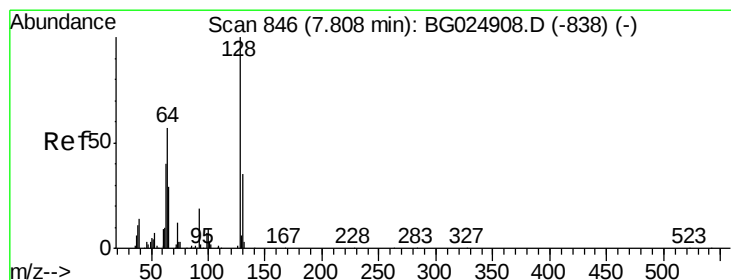
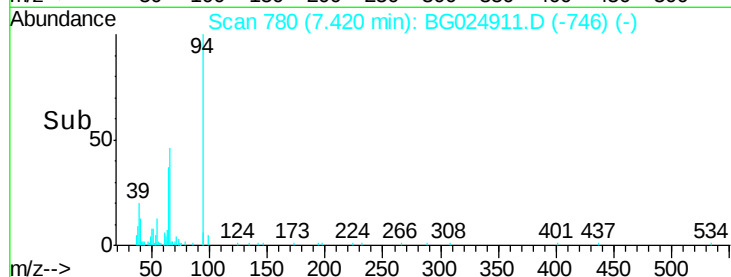
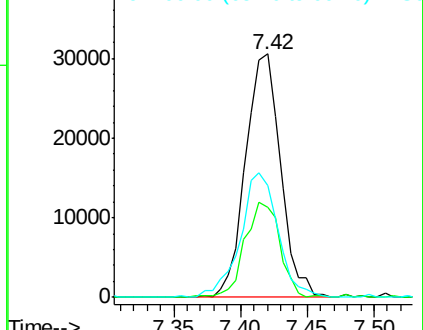
94 100

65 36.8 26.8 40.2

66 45.7 44.4 66.6



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: 20.36 ng/ul

RT: 7.81 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

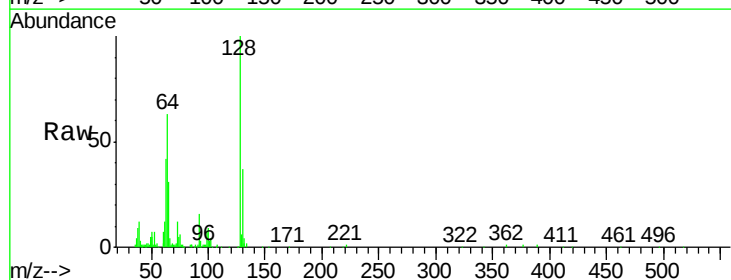
Tgt Ion: 128 Resp: 108977

Ion Ratio Lower Upper

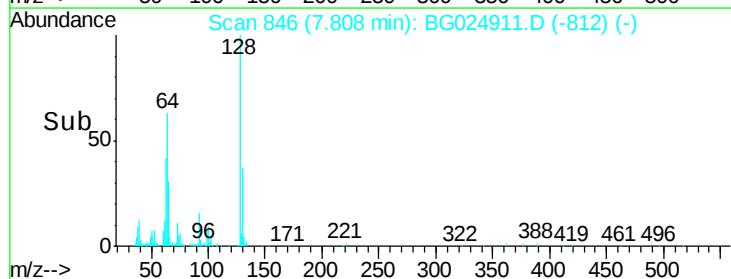
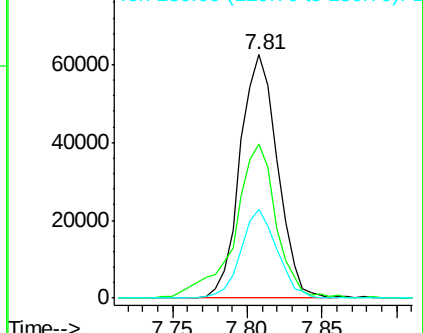
128 100

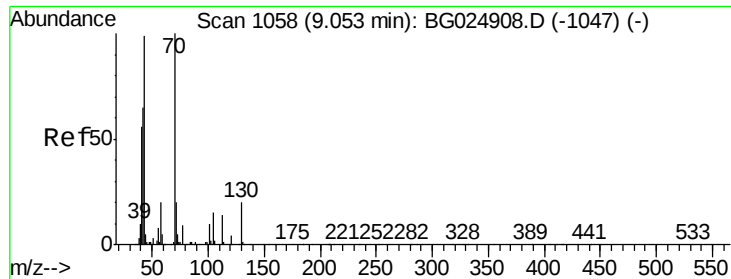
64 63.0 56.3 84.5

130 36.7 26.7 40.1



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

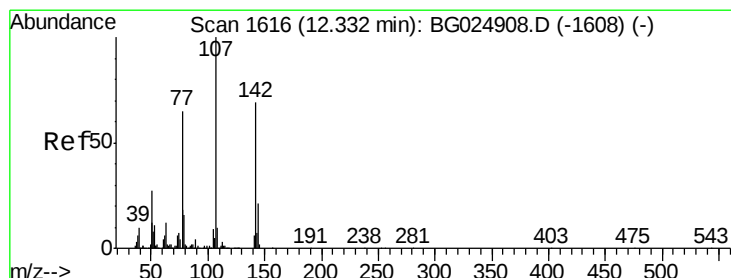
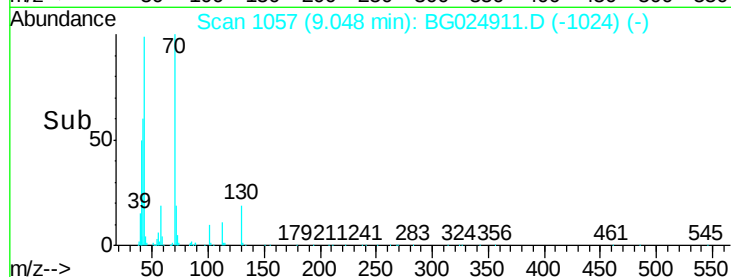
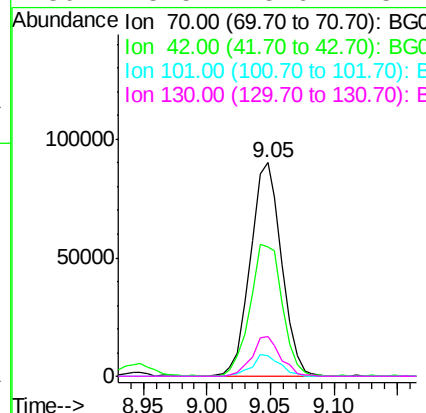
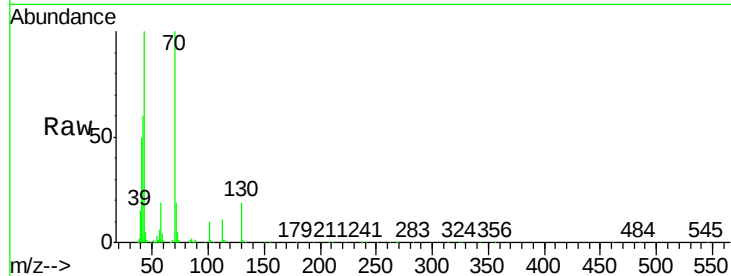




#15
N-Nitroso-di-n-propylamine
Concen: 26.75 ng/ul
RT: 9.05 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG024911.D
Acq: 23 Nov 2016 17:50

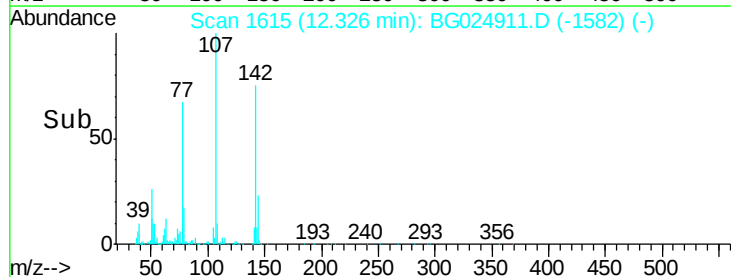
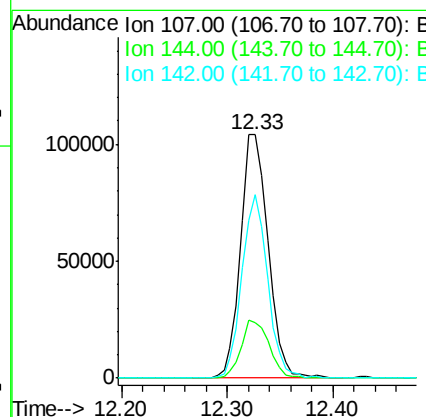
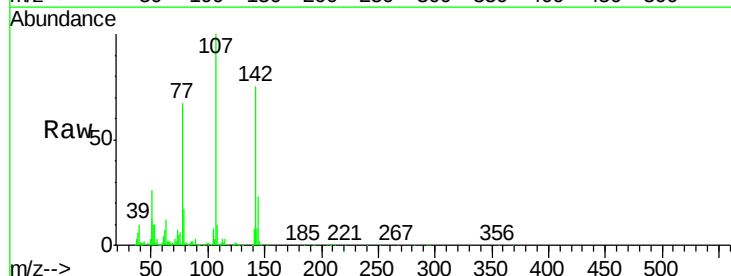
Instrument :
BNA_G
ClientSampleId :
A4WH5MS

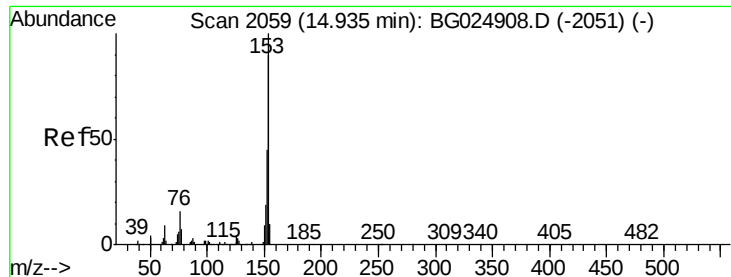
Tgt Ion:	70	Resp:	154325
Ion Ratio	Lower	Upper	
70	100		
42	60.3	59.0	88.6
101	9.9	6.6	9.8#
130	18.5	15.6	23.4



#33
4-Chloro-3-methylphenol
Concen: 22.98 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG024911.D
Acq: 23 Nov 2016 17:50

Tgt Ion:	107	Resp:	188605
Ion Ratio	Lower	Upper	
107	100		
144	22.7	18.2	27.4
142	75.2	55.0	82.4





#49

Acenaphthene

Concen: 27.62 ng/ul

RT: 14.93 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

Instrument :

BNA_G

ClientSampleId :

A4WH5MS

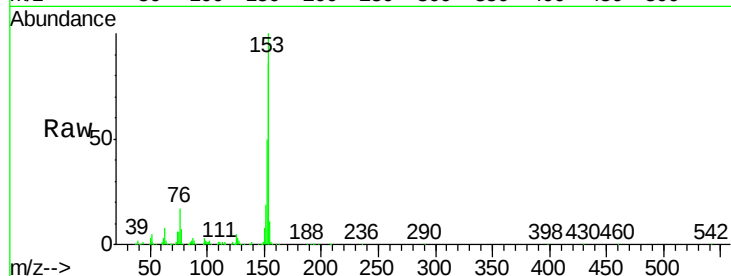
Tgt Ion:153 Resp: 457085

Ion Ratio Lower Upper

153 100

152 50.0 36.5 54.7

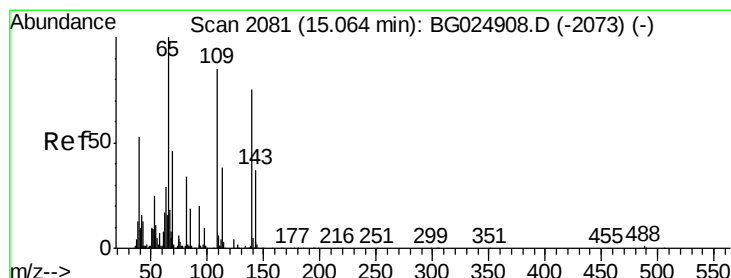
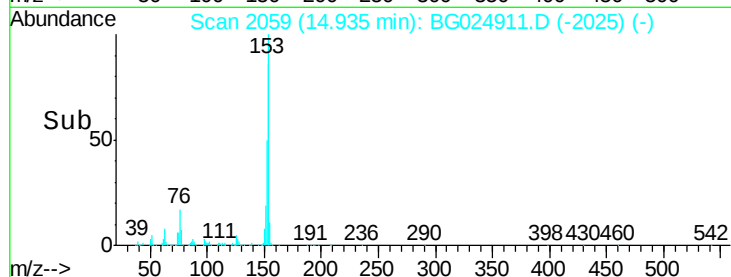
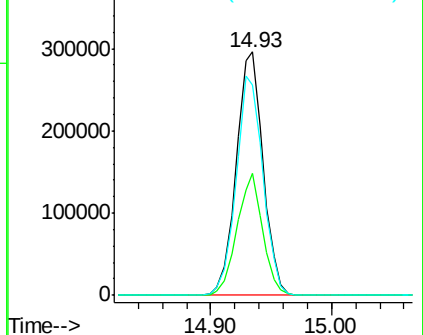
154 86.5 72.3 108.5



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



#52

4-Nitrophenol

Concen: 6.45 ng/ul

RT: 15.07 min Scan# 2082

Delta R.T. 0.01 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

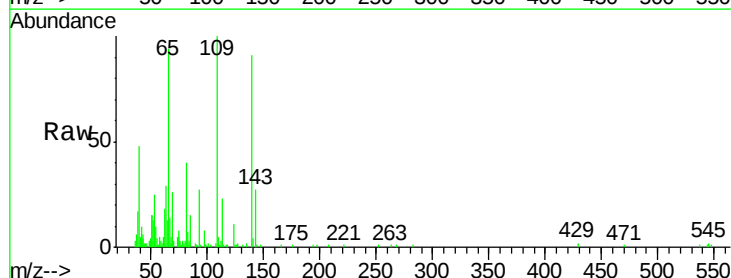
Tgt Ion:109 Resp: 29918

Ion Ratio Lower Upper

109 100

139 90.9 62.6 93.8

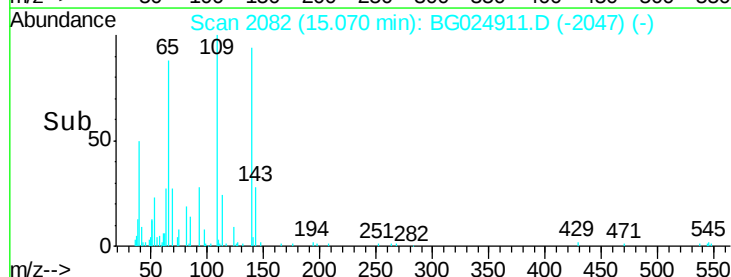
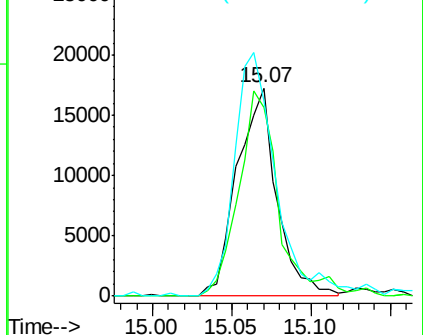
65 93.6 90.4 135.6

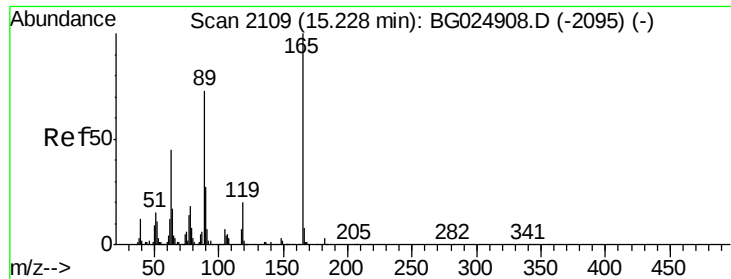


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC





#54

2,4-Dinitrotoluene

Concen: 31.06 ng/ul

RT: 15.22 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

Instrument :

BNA_G

ClientSampleId :

A4WH5MS

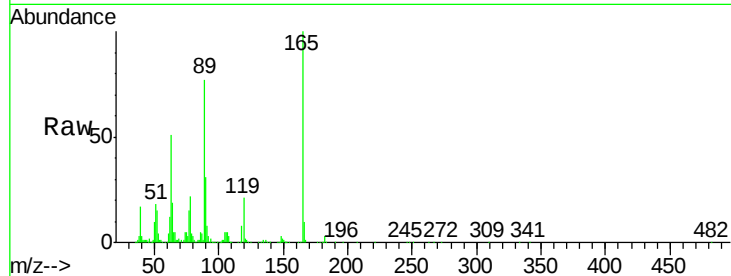
Tgt Ion:165 Resp: 221815

Ion Ratio Lower Upper

165 100

63 50.7 46.8 70.2

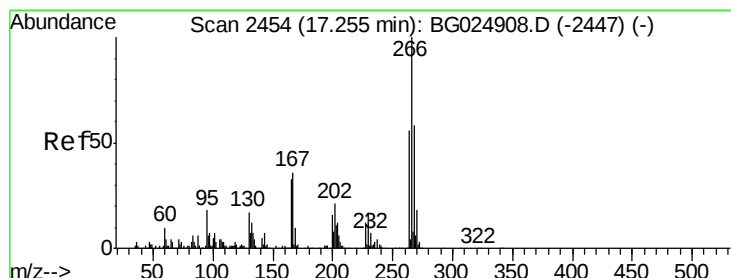
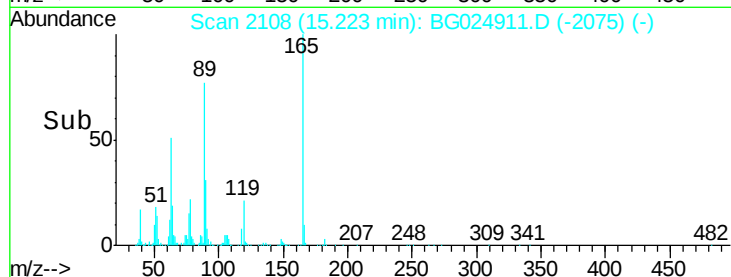
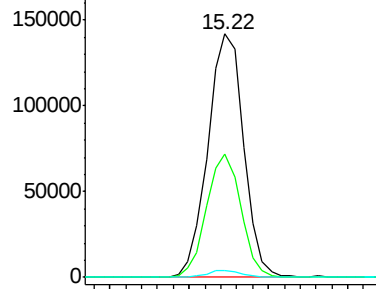
182 2.7 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG024911.D (-2095) (-)

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 32.45 ng/ul

RT: 17.26 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

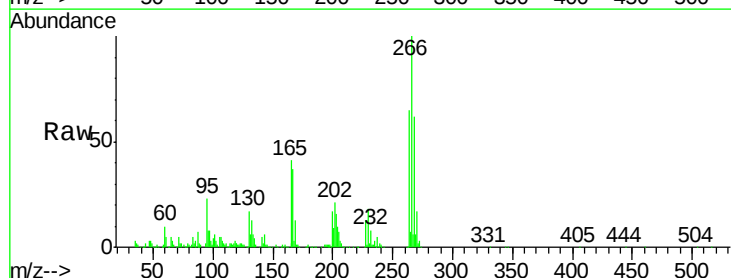
Tgt Ion:266 Resp: 182333

Ion Ratio Lower Upper

266 100

264 65.1 47.1 70.7

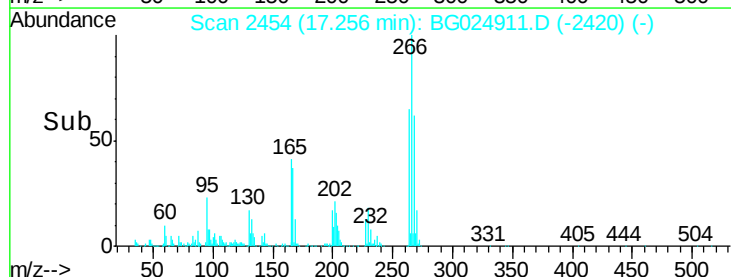
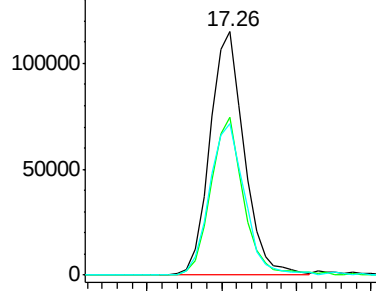
268 62.2 56.2 84.4

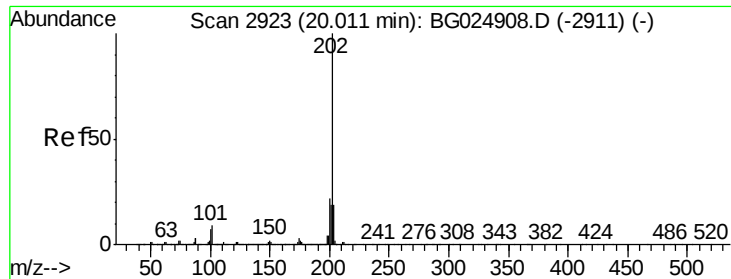


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#77

Pyrene

Concen: 31.73 ng/ul

RT: 20.01 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BG024911.D

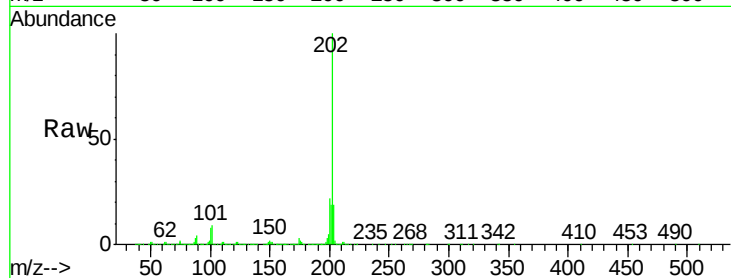
Acq: 23 Nov 2016 17:50

Instrument :

BNA_G

ClientSampleId :

A4WH5MS



Tgt Ion: 202 Resp: 1493654

Ion Ratio Lower Upper

202 100

101 9.2 6.9 10.3

100 7.9 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

