

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024912.D
 Acq On : 23 Nov 2016 18:30
 Operator : UM/SJ
 Sample : H5716-14MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WH5MSD

Quant Time: Nov 24 01:12:28 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	65587	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	295706	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	274879	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	1043209	20.00	ng/ul	0.09
75) Chrysene-d12	21.90	240	904516	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	916106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	2515	1.82	ng/uL	0.00
5) Phenol-d5	7.38	99	41323	6.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	127282	34.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	114824	26.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	80929	15.51	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	77421	33.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	90808	33.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	157595	28.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	6766	1.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	668671	33.08	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	691307	31.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	26239	7.38	ng/ul	0.00
57) Fluorene-d10	15.86	176	582160	31.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.04	200	444	0.06	ng/ul	0.08
70) Anthracene-d10	17.71	188	1042224	21.96	ng/ul	0.00
76) Pyrene-d10	19.98	212	1367576	33.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	1422975	34.93	ng/ul	0.00

Target Compounds

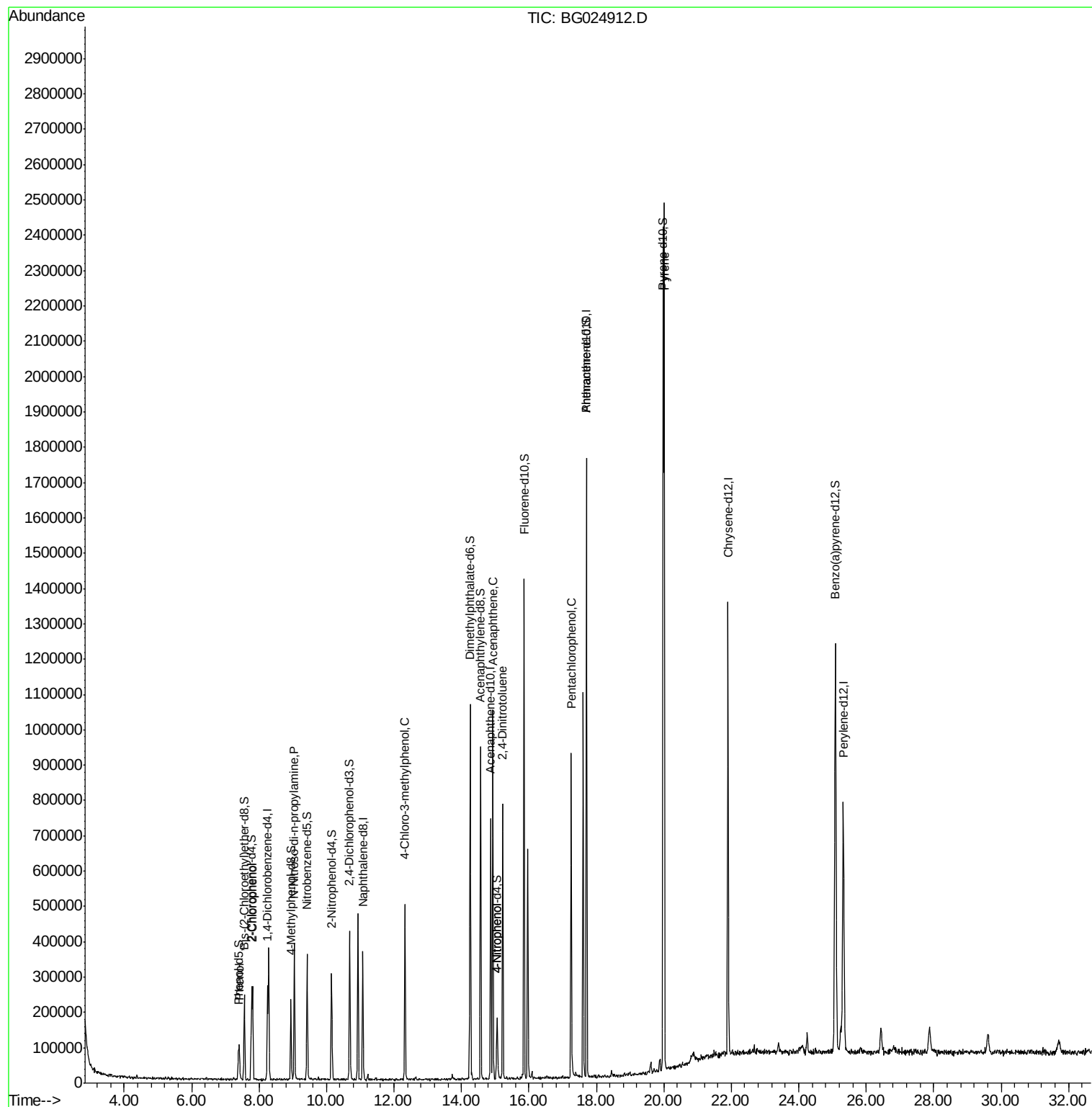
						Qvalue
6) Phenol	7.42	94	53232	8.52	ng/ul	91
10) 2-Chlorophenol	7.81	128	104807	25.17	ng/ul	86
15) N-Nitroso-di-n-propylamine	9.04	70	137138	30.56	ng/ul	90
33) 4-Chloro-3-methylphenol	12.33	107	174065	26.02	ng/ul	97
49) Acenaphthene	14.93	153	438494	29.65	ng/ul	98
52) 4-Nitrophenol	15.06	109	29510	7.12	ng/ul	93
54) 2,4-Dinitrotoluene	15.22	165	217850	34.13	ng/ul#	94
68) Pentachlorophenol	17.26	266	188483	22.32	ng/ul	96
77) Pyrene	20.01	202	1535153	32.75	ng/ul	98

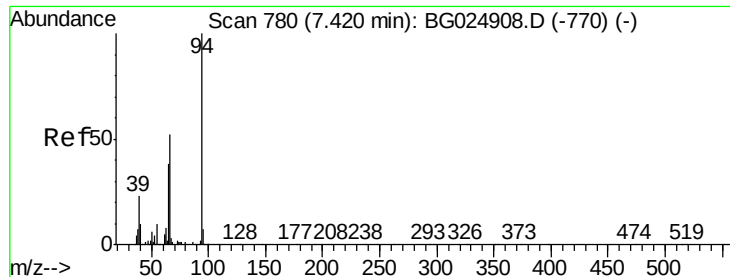
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.52 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

Instrument :

BNA_G

ClientSampleId :

A4WH5MSD

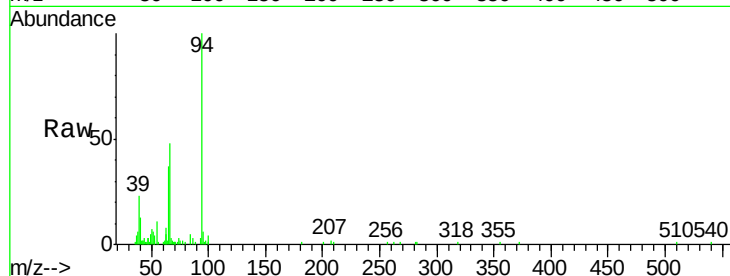
Tgt Ion: 94 Resp: 53232

Ion Ratio Lower Upper

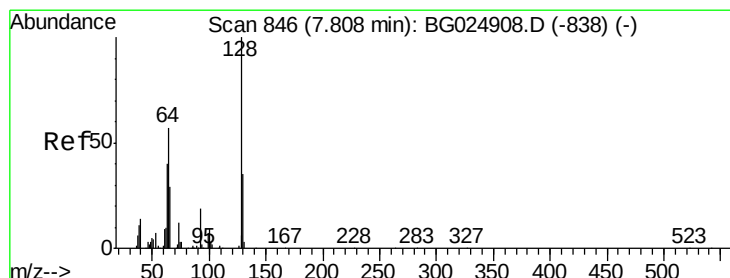
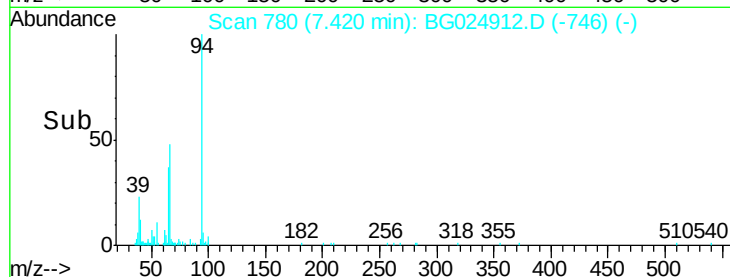
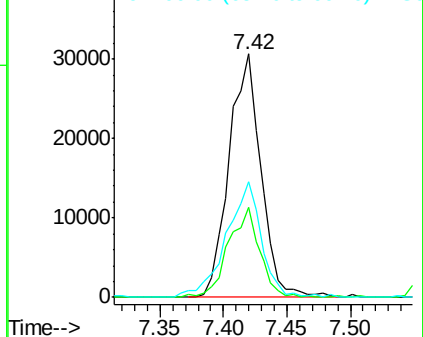
94 100

65 36.9 26.8 40.2

66 47.7 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: 25.17 ng/ul

RT: 7.81 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

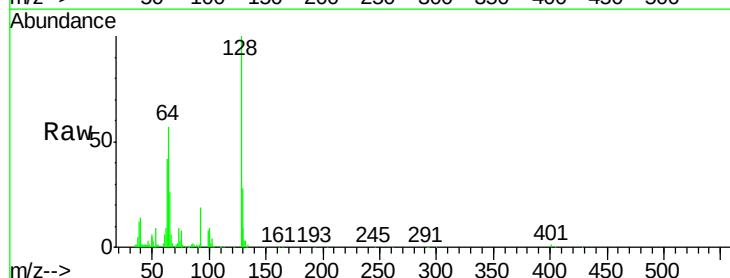
Tgt Ion: 128 Resp: 104807

Ion Ratio Lower Upper

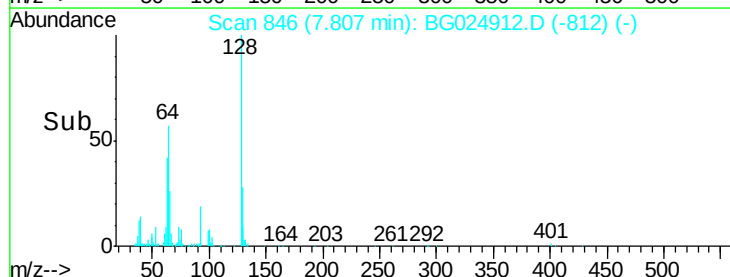
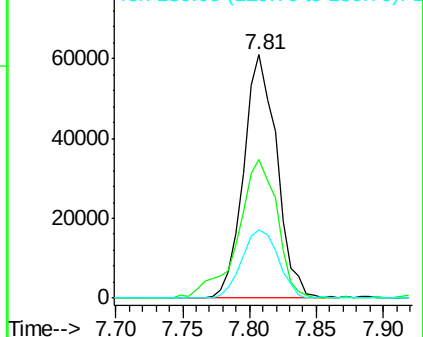
128 100

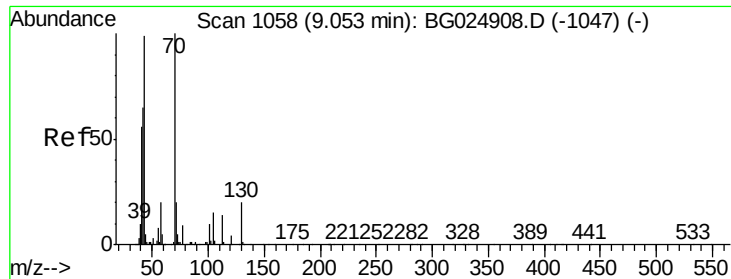
64 56.7 56.3 84.5

130 28.2 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

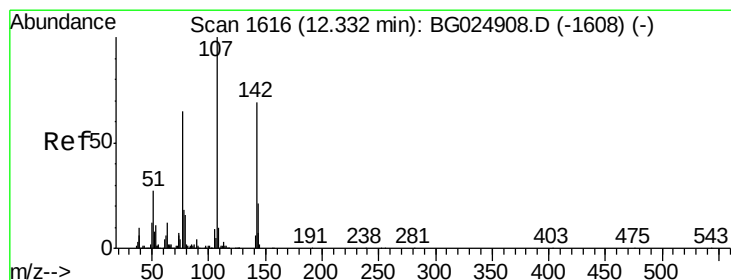
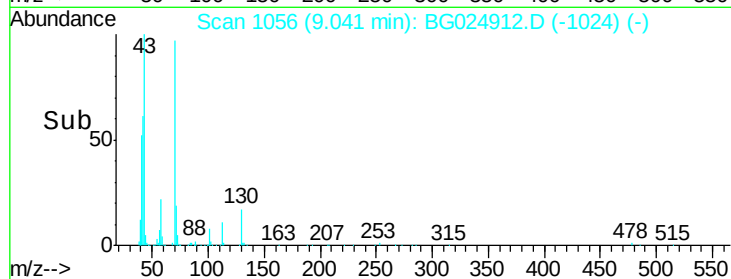
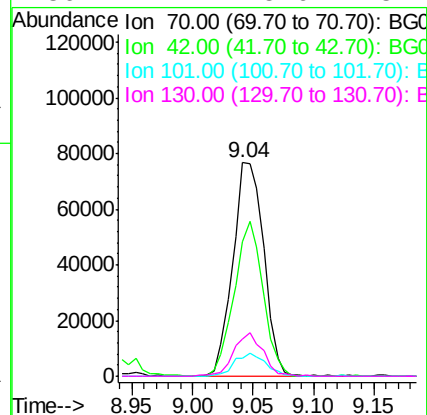
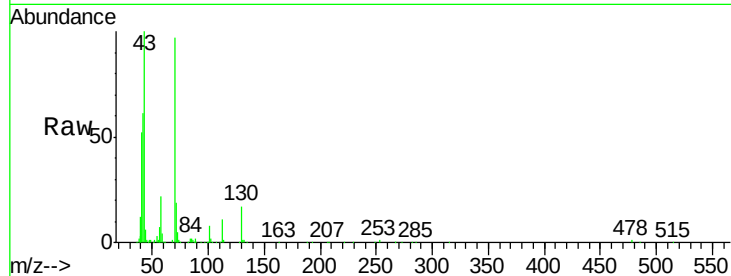




#15
N-Nitroso-di-n-propylamine
Concen: 30.56 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG024912.D
Acq: 23 Nov 2016 18:30

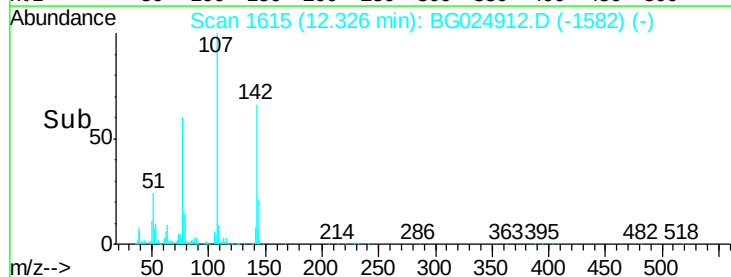
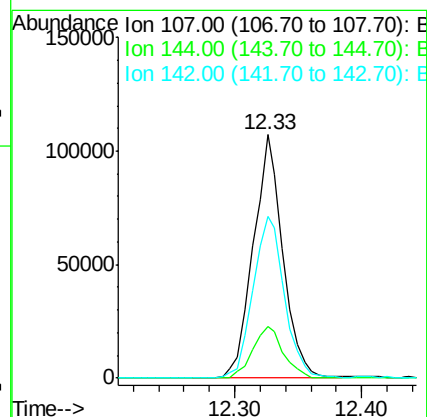
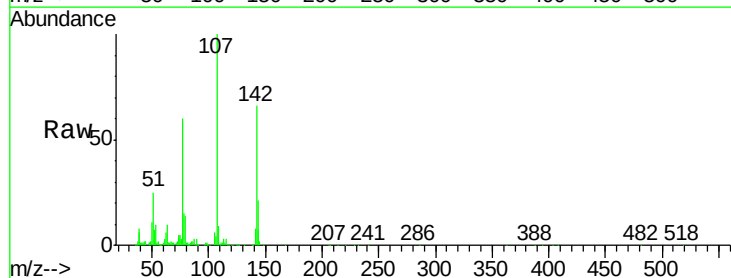
Instrument :
BNA_G
ClientSampleId :
A4WH5MSD

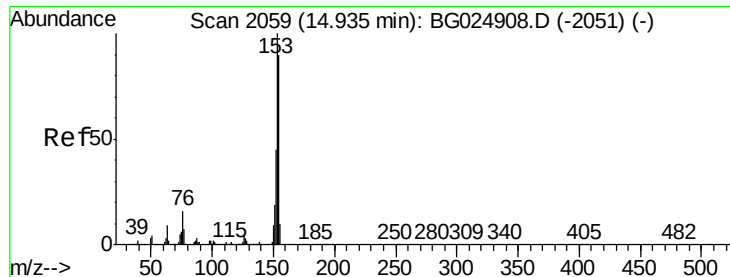
Tgt Ion:	70	Resp:	137138
Ion	Ratio	Lower	Upper
70	100		
42	63.1	59.0	88.6
101	8.1	6.6	9.8
130	17.4	15.6	23.4



#33
4-Chloro-3-methylphenol
Concen: 26.02 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG024912.D
Acq: 23 Nov 2016 18:30

Tgt Ion:	107	Resp:	174065
Ion	Ratio	Lower	Upper
107	100		
144	21.1	18.2	27.4
142	66.3	55.0	82.4





#49

Acenaphthene

Concen: 29.65 ng/ul

RT: 14.93 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

Instrument :

BNA_G

ClientSampleId :

A4WH5MSD

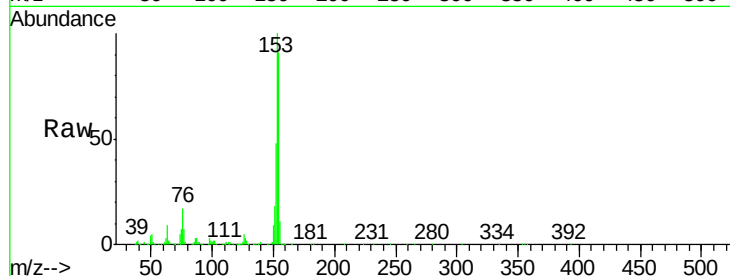
Tgt Ion:153 Resp: 438494

Ion Ratio Lower Upper

153 100

152 47.9 36.5 54.7

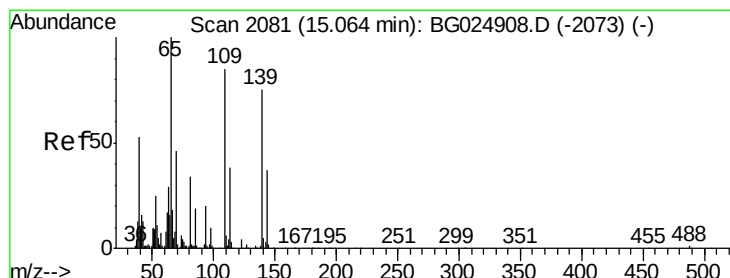
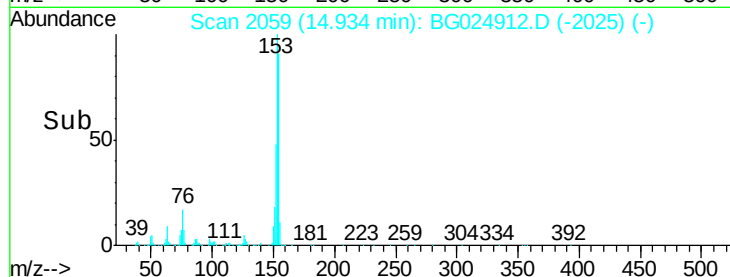
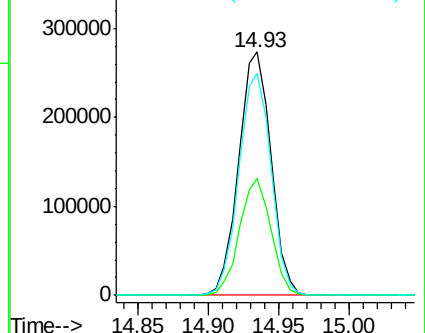
154 91.2 72.3 108.5



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: 7.12 ng/ul

RT: 15.06 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

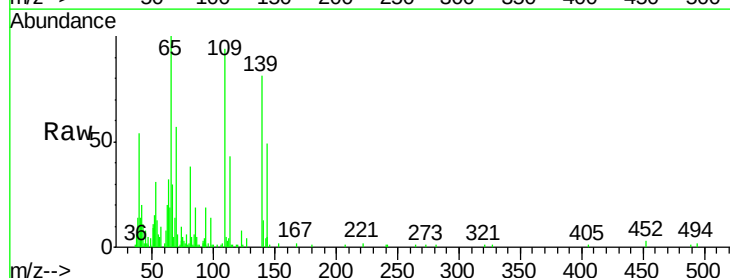
Tgt Ion:109 Resp: 29510

Ion Ratio Lower Upper

109 100

139 86.7 62.6 93.8

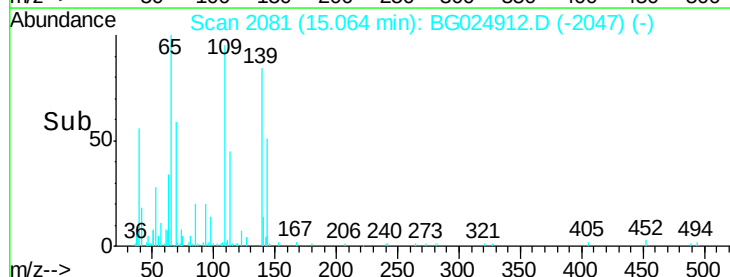
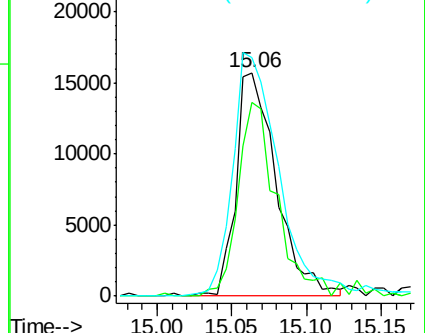
65 106.9 90.4 135.6

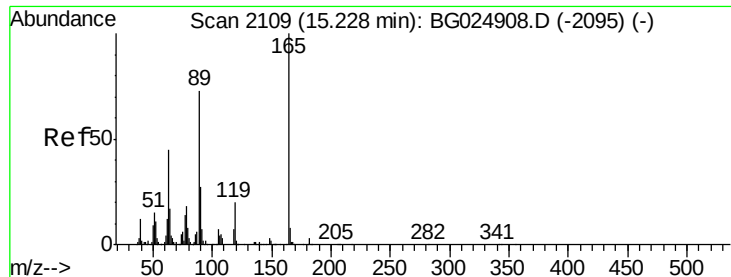


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#54

2,4-Dinitrotoluene

Concen: 34.13 ng/ul

RT: 15.22 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

Instrument :

BNA_G

ClientSampleId :

A4WH5MSD

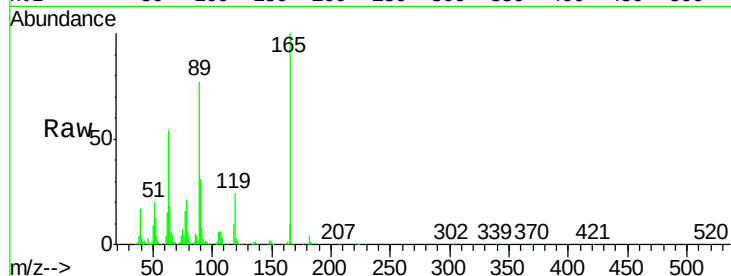
Tgt Ion:165 Resp: 217850

Ion Ratio Lower Upper

165 100

63 54.1 46.8 70.2

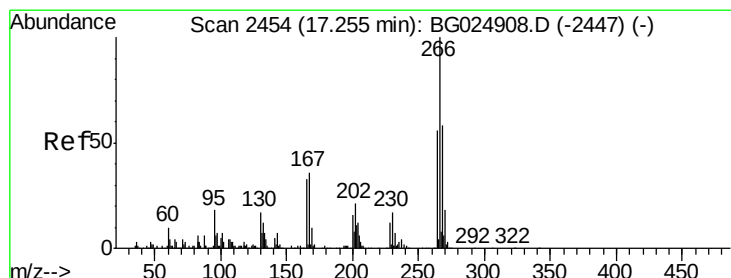
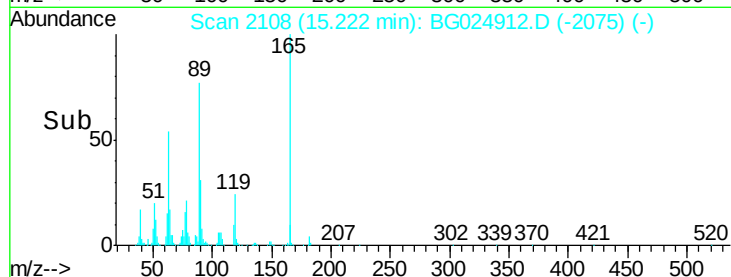
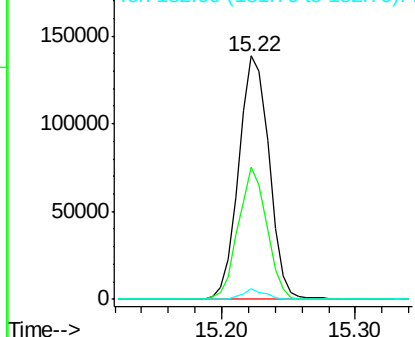
182 4.4 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG024912.D (-2095) (-)

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 22.32 ng/ul

RT: 17.26 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

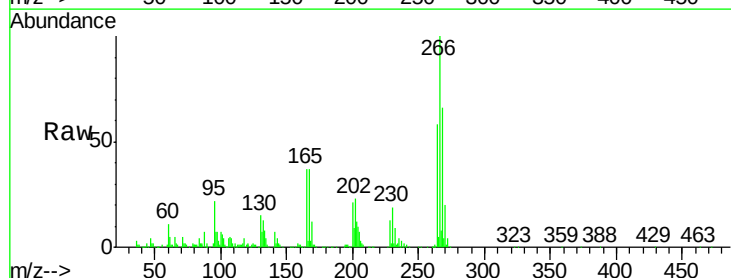
Tgt Ion:266 Resp: 188483

Ion Ratio Lower Upper

266 100

264 57.6 47.1 70.7

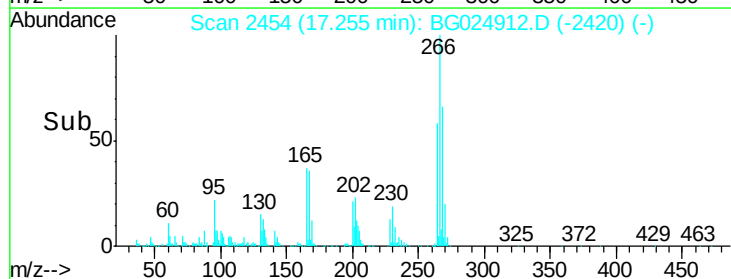
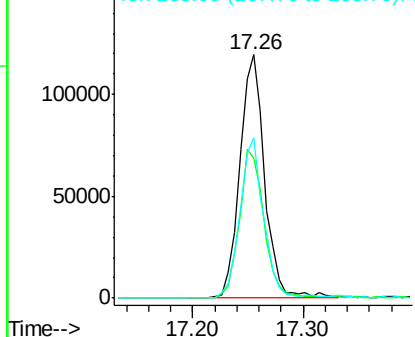
268 66.1 56.2 84.4

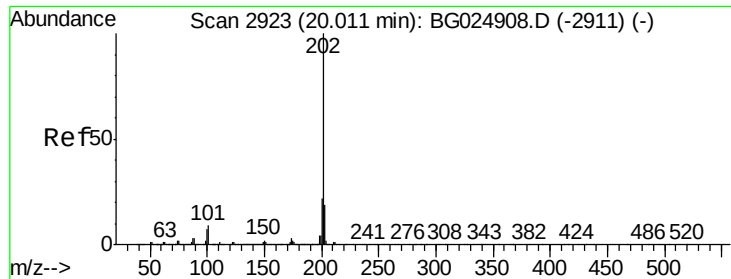


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#77

Pyrene

Concen: 32.75 ng/ul

RT: 20.01 min Scan# 2923

Delta R.T. -0.00 min

Lab File: BG024912.D

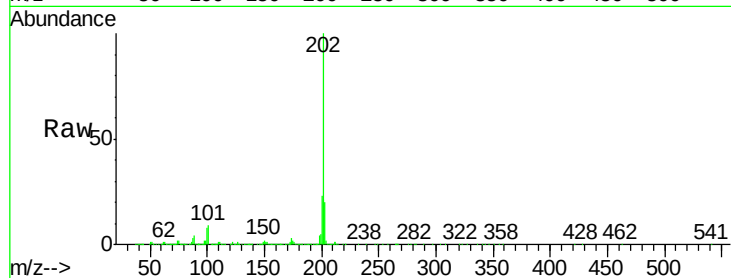
Acq: 23 Nov 2016 18:30

Instrument :

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ClientSampleId :

A4WH5MSD



Tgt Ion: 202 Resp: 1535153

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

100 7.5 6.6 10.0

