

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
 Data File : BG024802.D
 Acq On : 16 Nov 2016 13:49
 Operator : UM/SJ
 Sample : H5622-10MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WK9MS

Quant Time: Nov 17 01:29:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 17 01:26:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	90182	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	379958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	339695	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	845972	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1090186	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1148610	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	3121	1.79	ng/uL	0.00
5) Phenol-d5	7.39	99	50759	6.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	126029	25.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	118343	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	92235	14.22	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	77927	27.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	92261	26.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	164582	24.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	8820	1.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	776687	31.36	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	790127	29.28	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	33930	7.70	ng/ul	0.00
57) Fluorene-d10	15.86	176	714206	30.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	162294	27.91	ng/ul	0.00
70) Anthracene-d10	17.72	188	1216083	32.55	ng/ul	0.00
76) Pyrene-d10	19.99	212	1569363	33.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1638339	32.58	ng/ul	0.00

Target Compounds

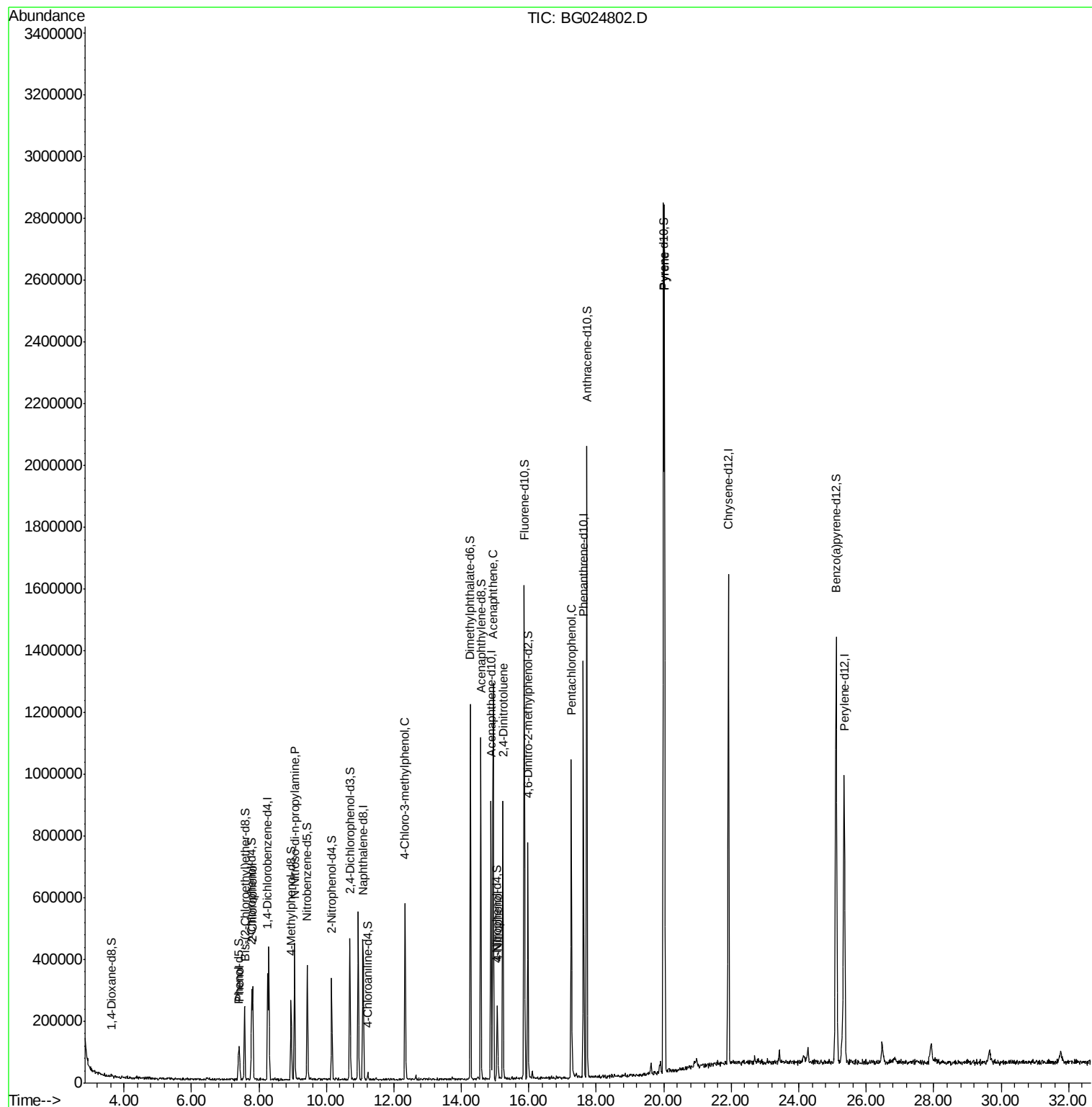
						Qvalue
6) Phenol	7.42	94	56371	6.99	ng/ul	93
10) 2-Chlorophenol	7.82	128	118407	22.10	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.06	70	162730	29.31	ng/ul	91
33) 4-Chloro-3-methylphenol	12.34	107	202661	25.55	ng/ul	97
49) Acenaphthene	14.94	153	531554	28.74	ng/ul	96
52) 4-Nitrophenol	15.07	109	43406	8.23	ng/ul	87
54) 2,4-Dinitrotoluene	15.23	165	249922	33.09	ng/ul#	87
68) Pentachlorophenol	17.26	266	217453	32.35	ng/ul	91
77) Pyrene	20.02	202	1794406	33.49	ng/ul	99

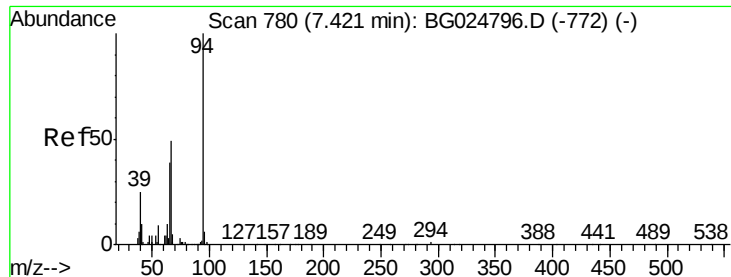
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 6.99 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG024802.D

Acq: 16 Nov 2016 13:49

Instrument :

BNA_G

ClientSampleId :

A4WK9MS

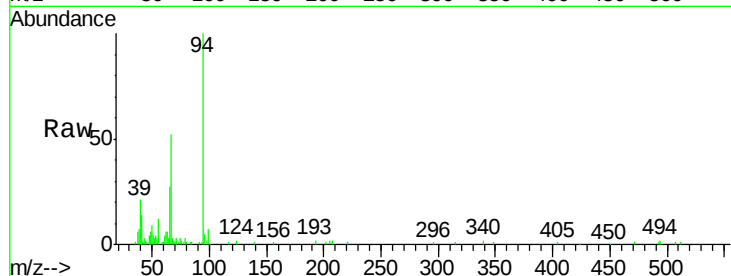
Tgt Ion: 94 Resp: 56371

Ion Ratio Lower Upper

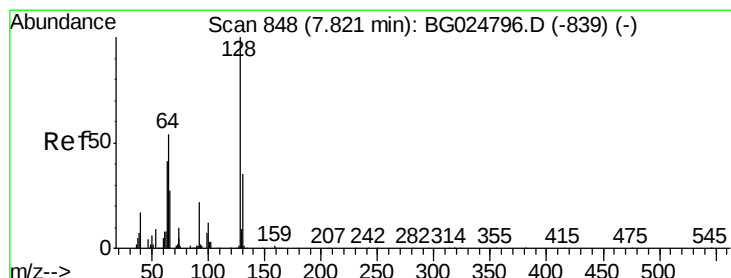
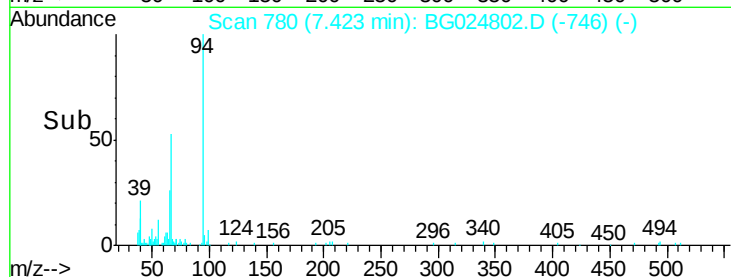
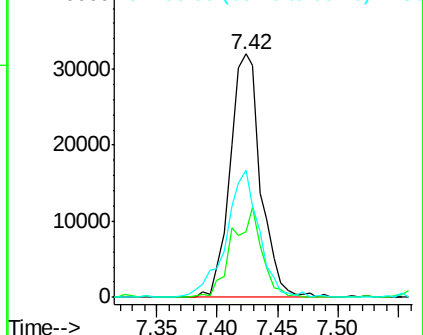
94 100

65 26.9 26.8 40.2

66 52.5 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: 22.10 ng/ul

RT: 7.82 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG024802.D

Acq: 16 Nov 2016 13:49

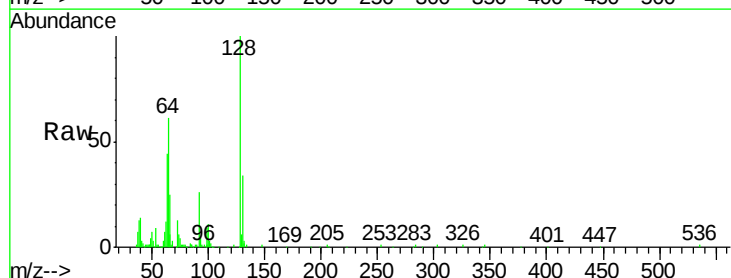
Tgt Ion: 128 Resp: 118407

Ion Ratio Lower Upper

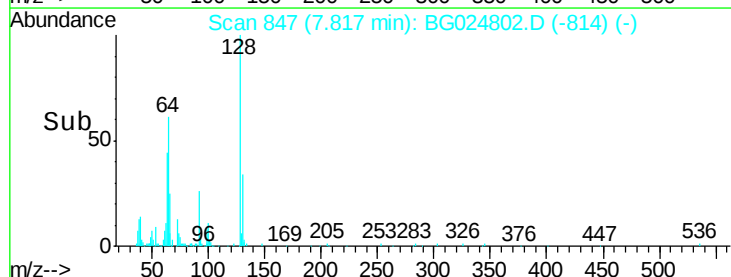
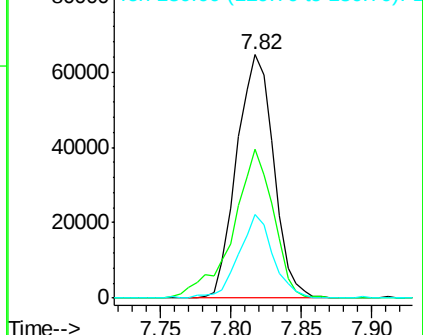
128 100

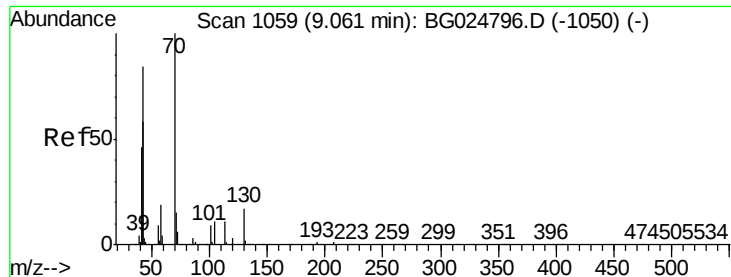
64 61.4 56.3 84.5

130 34.2 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

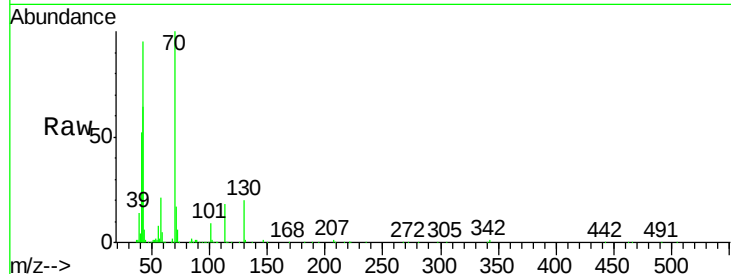




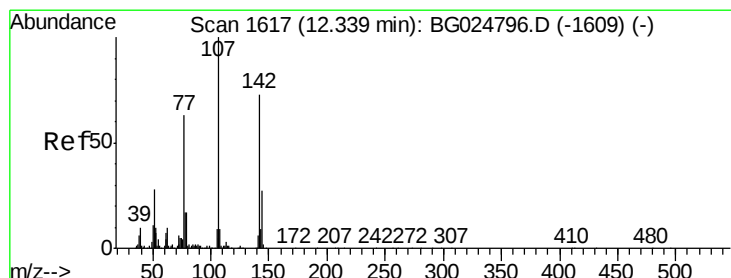
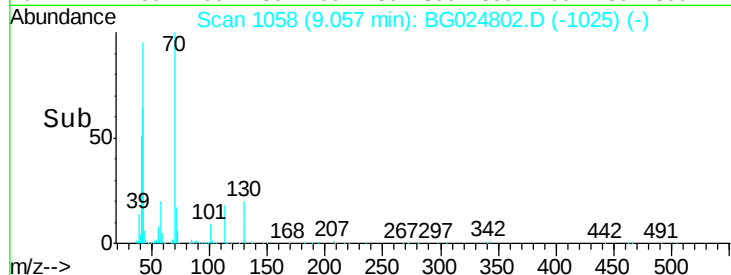
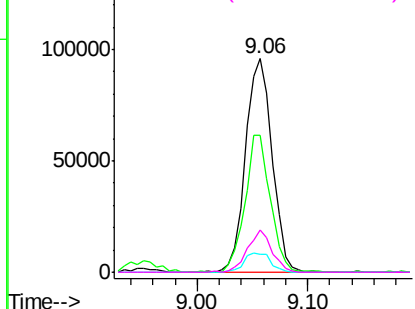
#15
N-Nitroso-di-n-propylamine
Concen: 29.31 ng/ul
RT: 9.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG024802.D
Acq: 16 Nov 2016 13:49

Instrument :
BNA_G
ClientSampleId :
A4WK9MS

Tgt Ion:	70	Resp:	162730
Ion	Ratio	Lower	Upper
70	100		
42	64.0	59.0	88.6
101	8.5	6.6	9.8
130	19.6	15.6	23.4

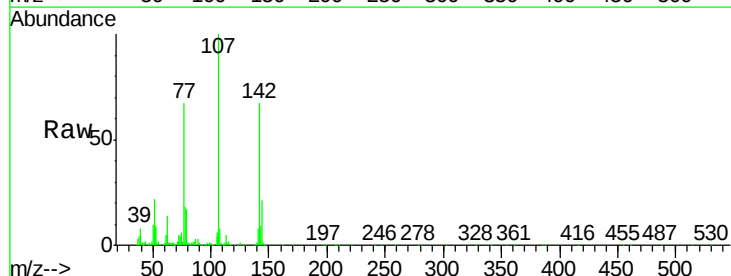


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

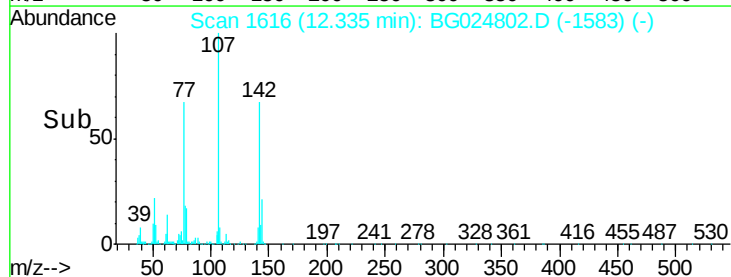
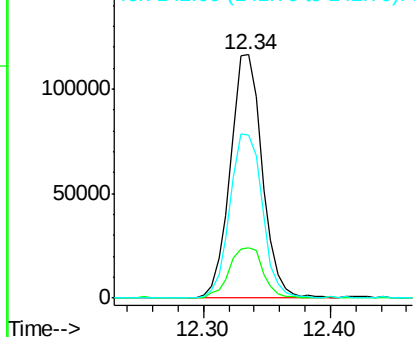


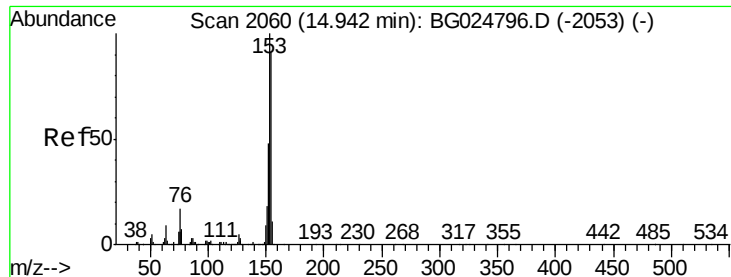
#33
4-Chloro-3-methylphenol
Concen: 25.55 ng/ul
RT: 12.34 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BG024802.D
Acq: 16 Nov 2016 13:49

Tgt Ion:	107	Resp:	202661
Ion	Ratio	Lower	Upper
107	100		
144	20.9	18.2	27.4
142	67.0	55.0	82.4



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 144.00 (143.70 to 144.70): BGC
Ion 142.00 (141.70 to 142.70): BGC





#49

Acenaphthene

Concen: 28.74 ng/ul

RT: 14.94 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BG024802.D

Acq: 16 Nov 2016 13:49

Instrument :

BNA_G

ClientSampleId :

A4WK9MS

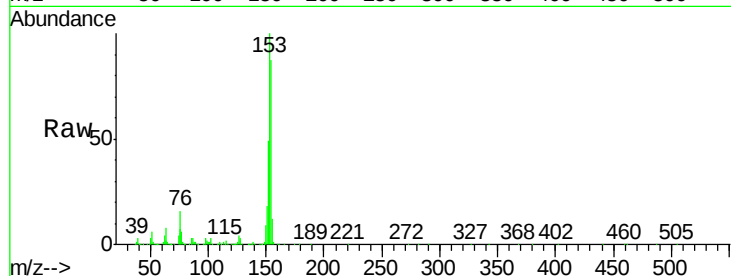
Tgt Ion:153 Resp: 531554

Ion Ratio Lower Upper

153 100

152 48.8 36.5 54.7

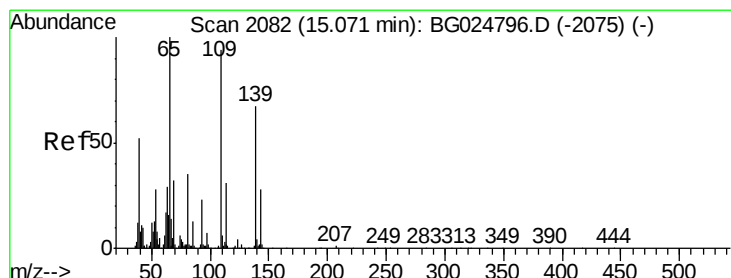
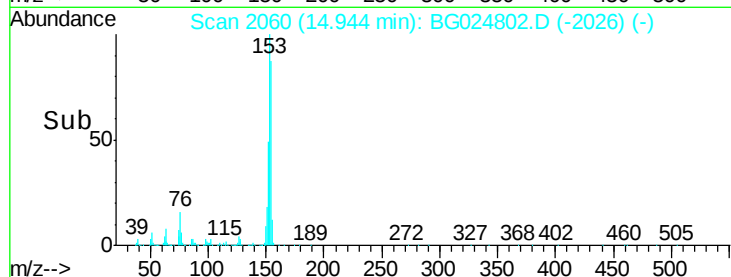
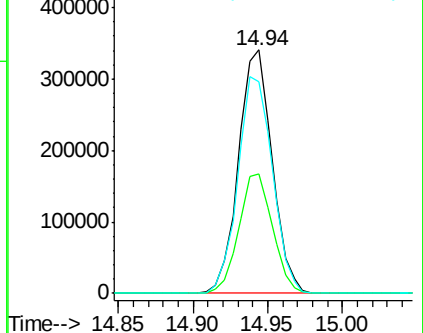
154 86.9 72.3 108.5



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: 8.23 ng/ul

RT: 15.07 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG024802.D

Acq: 16 Nov 2016 13:49

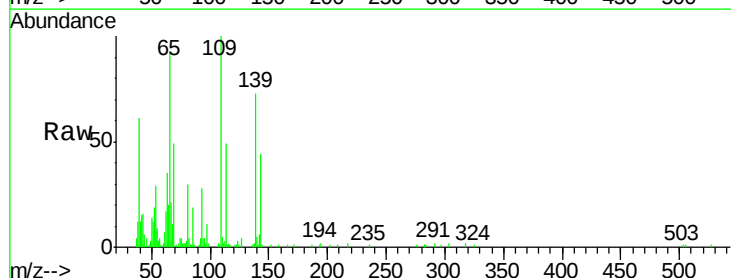
Tgt Ion:109 Resp: 43406

Ion Ratio Lower Upper

109 100

139 73.3 62.6 93.8

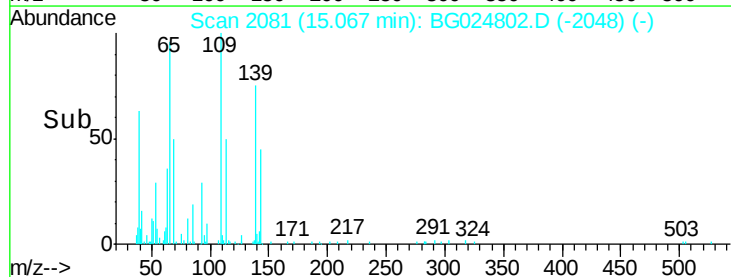
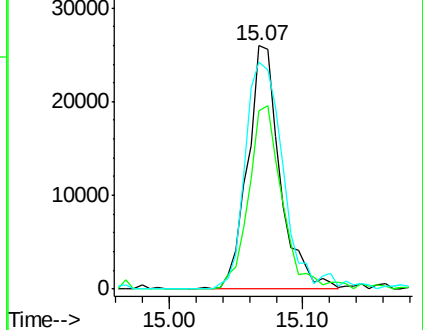
65 93.3 90.4 135.6

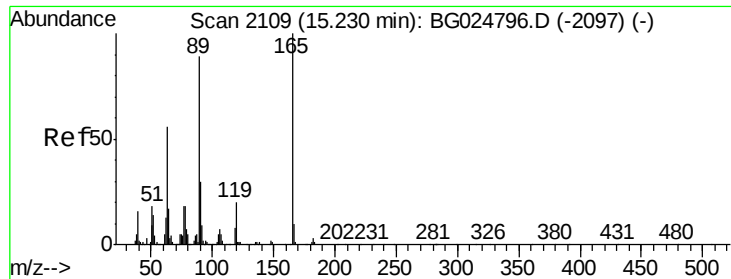


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

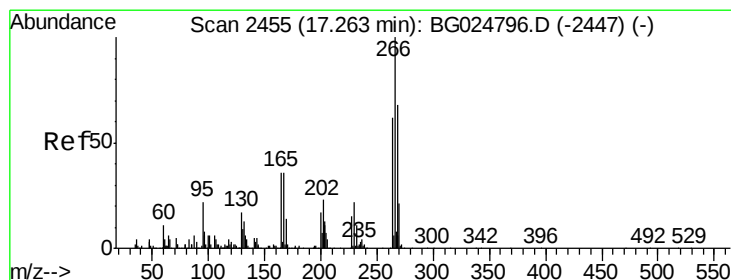
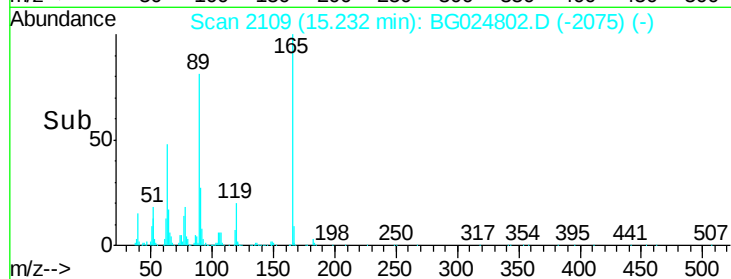
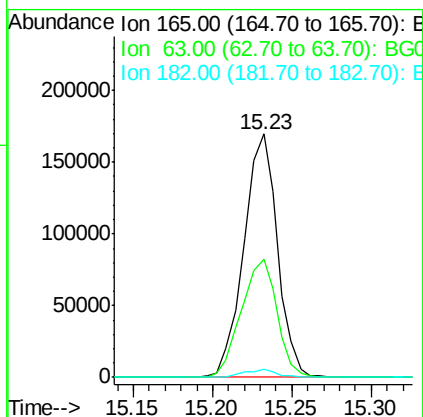
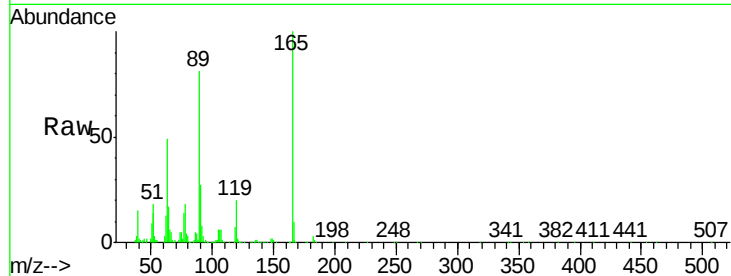




#54
2,4-Dinitrotoluene
Concen: 33.09 ng/ul
RT: 15.23 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG024802.D
Acq: 16 Nov 2016 13:49

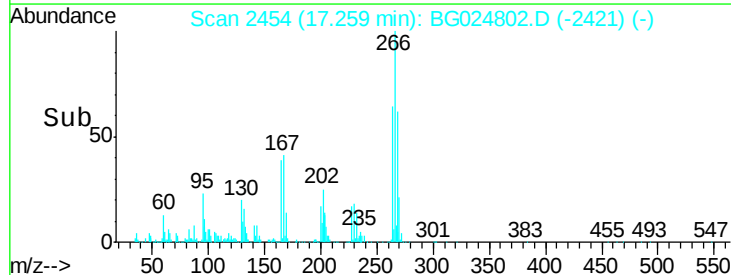
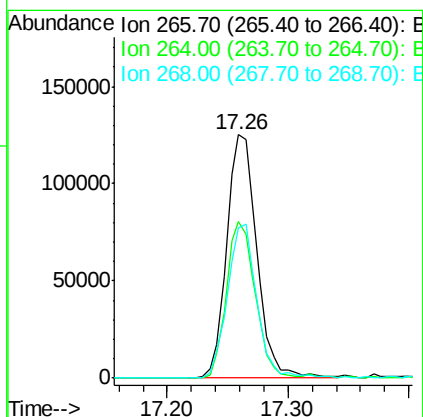
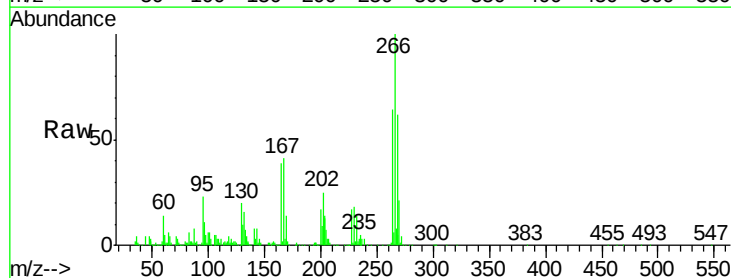
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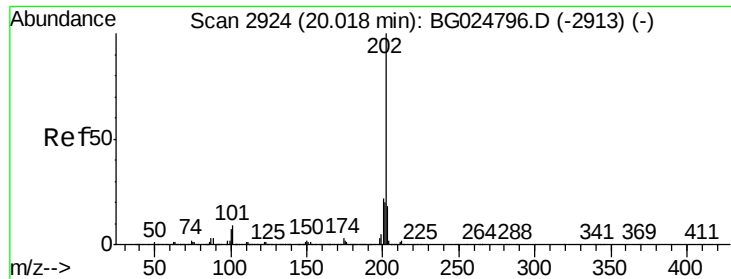
Tgt Ion:165 Resp: 249922
Ion Ratio Lower Upper
165 100
63 48.6 46.8 70.2
182 3.4 1.8 2.6#



#68
Pentachlorophenol
Concen: 32.35 ng/ul
RT: 17.26 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG024802.D
Acq: 16 Nov 2016 13:49

Tgt Ion:266 Resp: 217453
Ion Ratio Lower Upper
266 100
264 64.1 47.1 70.7
268 61.5 56.2 84.4





#77

Pyrene

Concen: 33.49 ng/ul

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG024802.D

Acq: 16 Nov 2016 13:49

Instrument :

BNA_G

ClientSampleId :

A4WK9MS

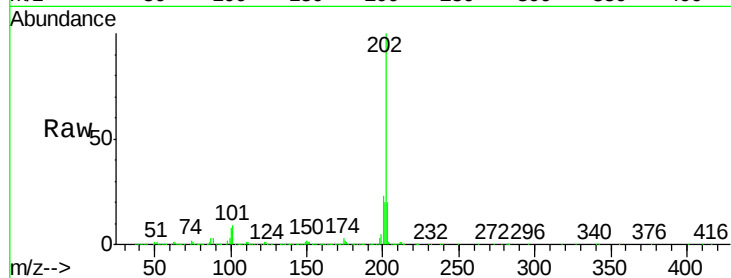
Tgt Ion: 202 Resp: 1794406

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

100 7.6 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

