

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
 Data File : BG025090.D
 Acq On : 11 Dec 2016 5:04
 Operator : UM/SJ
 Sample : H5861-18MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 04:27:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 04:23:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	91784	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	380101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	312742	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	700888	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	867407	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	867471	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	2603	1.46	ng/uL	0.00
5) Phenol-d5	7.38	99	59764	7.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	182718	37.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	165049	29.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	121334	18.34	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	110571	41.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	132488	39.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	239388	37.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	86	0.01	ng/ul	-0.01
43) Dimethylphthalate-d6	14.25	166	887020	41.23	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	964539	40.93	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	30089	8.14	ng/ul	0.00
57) Fluorene-d10	15.84	176	847516	41.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	192915	44.52	ng/ul	0.00
70) Anthracene-d10	17.70	188	1272709	43.02	ng/ul	0.00
76) Pyrene-d10	19.97	212	1567622	43.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1636283	46.55	ng/ul	0.00

Target Compounds

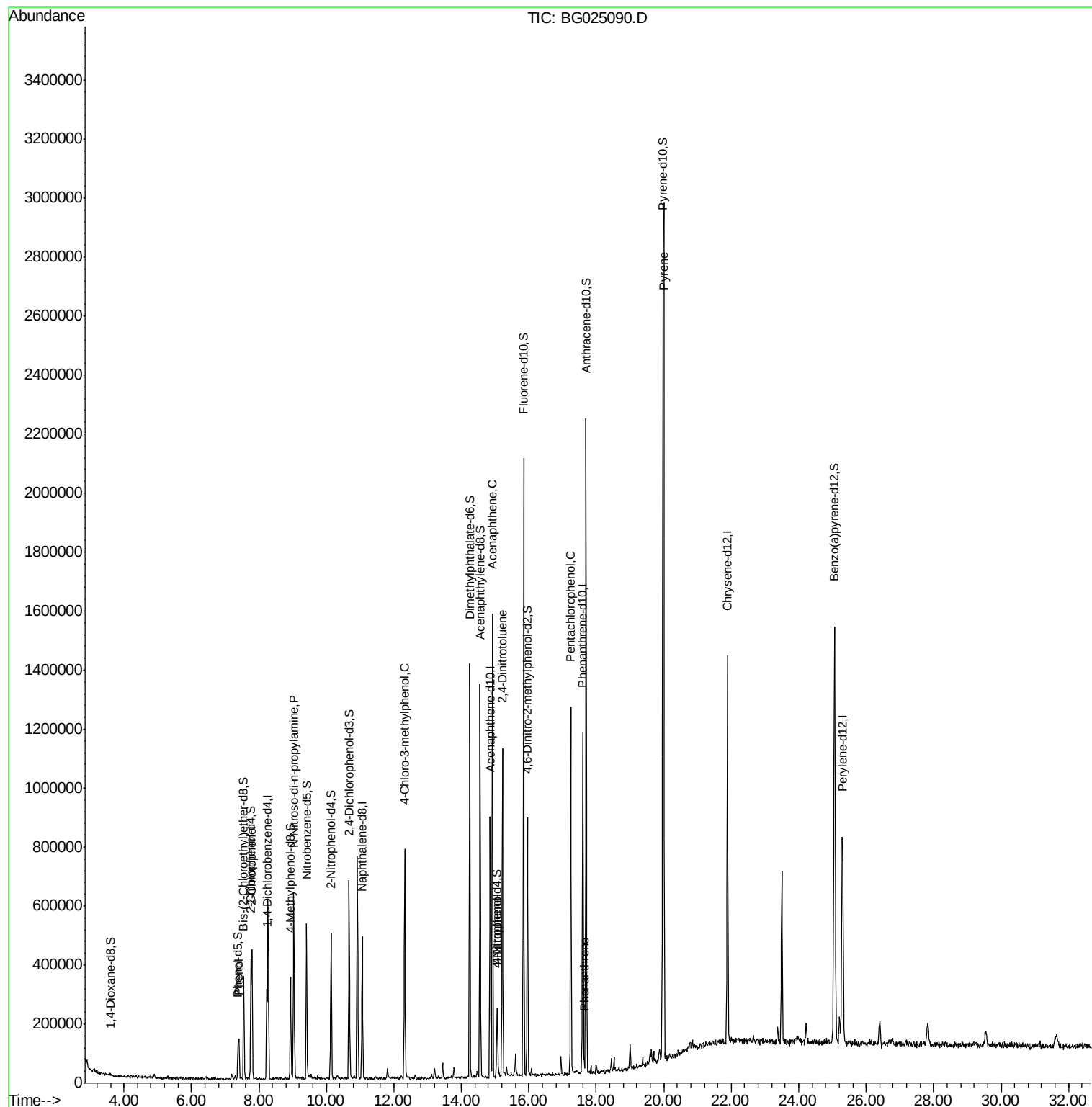
						Ovalue
6) Phenol	7.41	94	66632	8.20	ng/ul	94
10) 2-Chlorophenol	7.79	128	158277	28.43	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.03	70	220311	37.88	ng/ul	94
33) 4-Chloro-3-methylphenol	12.32	107	265845	34.42	ng/ul	98
49) Acenaphthene	14.92	153	639890	40.78	ng/ul	98
52) 4-Nitrophenol	15.06	109	39591	8.90	ng/ul	95
54) 2,4-Dinitrotoluene	15.21	165	271849	39.71	ng/ul#	99
68) Pentachlorophenol	17.24	266	240411	44.91	ng/ul	93
69) Phenanthrene	17.64	178	34766	1.04	ng/ul	94
77) Pyrene	20.00	202	1767057	42.38	ng/ul	97

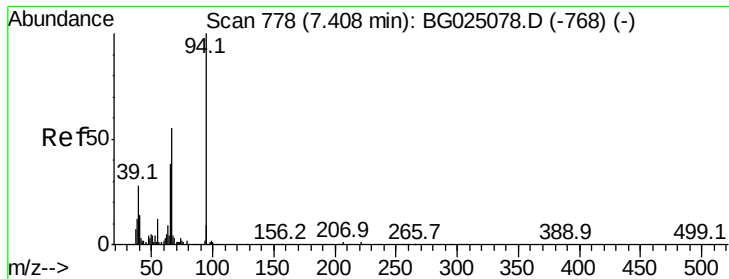
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 04:23:16 2016
Response via : Initial Calibration





#6

Phenol

Concen: 8.20 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG025090.D

Acq: 11 Dec 2016 5:04

Instrument :

BNA_G

ClientSampleId :

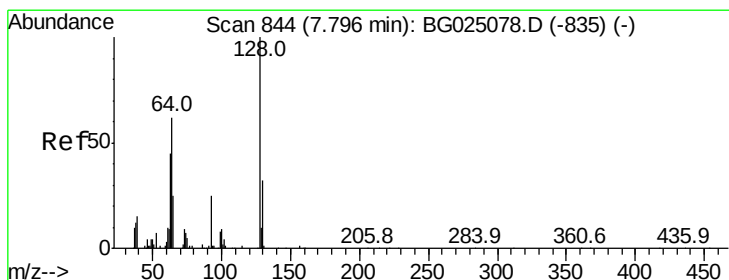
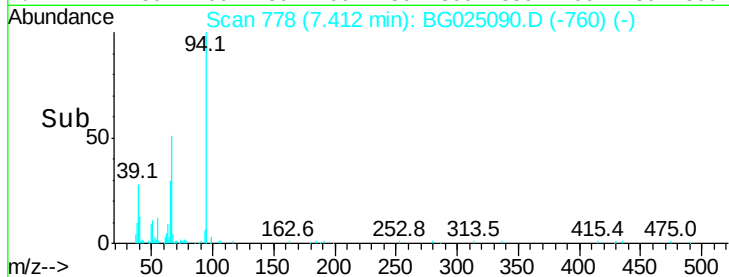
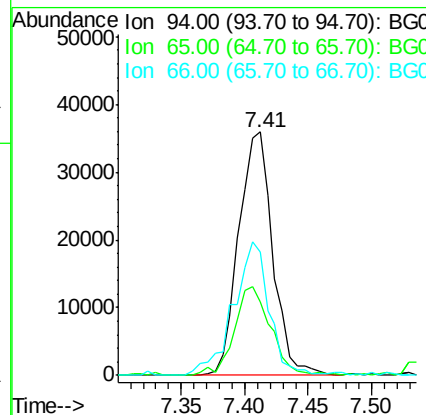
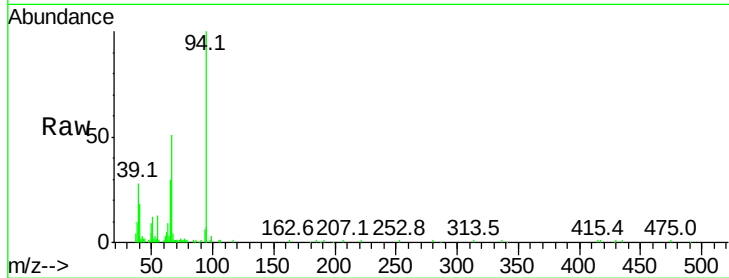
Tot Ion: 94 Resp: 66632

Ion Ratio Lower Upper

94 100

65 30.0 26.8 40.2

66 50.8 44.4 66.6



#10

2-Chlorophenol

Concen: 28.43 ng/ul

RT: 7.79 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG025090.D

Acq: 11 Dec 2016 5:04

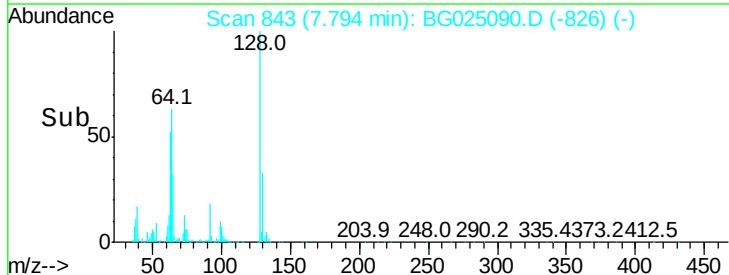
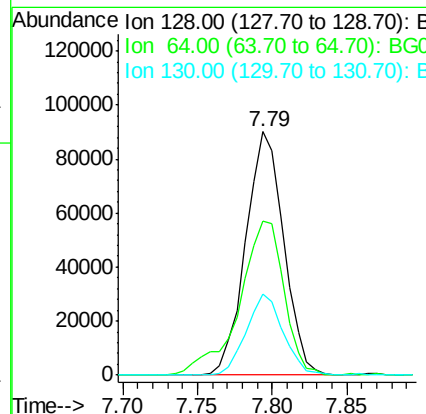
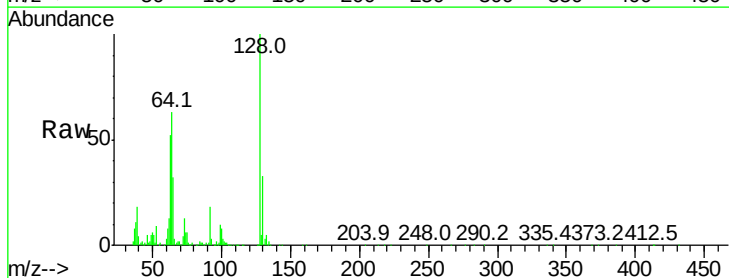
Tgt Ion: 128 Resp: 158277

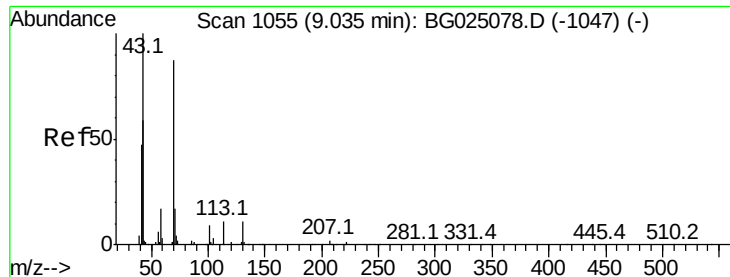
Ion Ratio Lower Upper

128 100

64 63.3 56.3 84.5

130 33.4 26.7 40.1

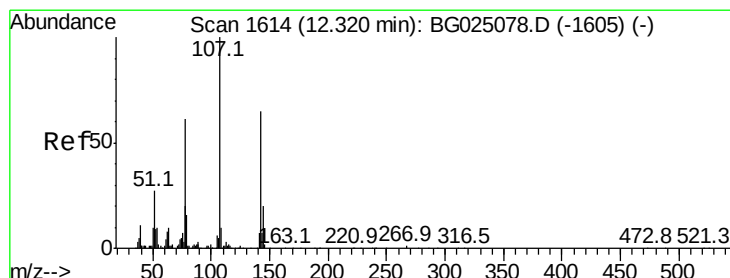
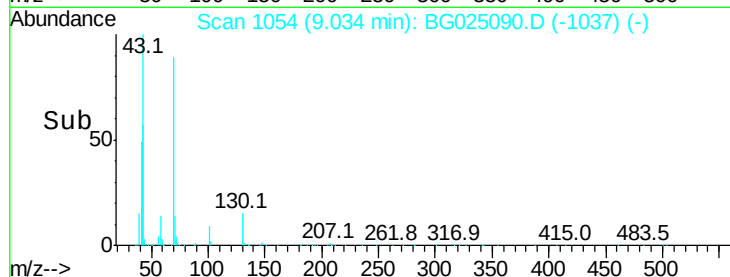
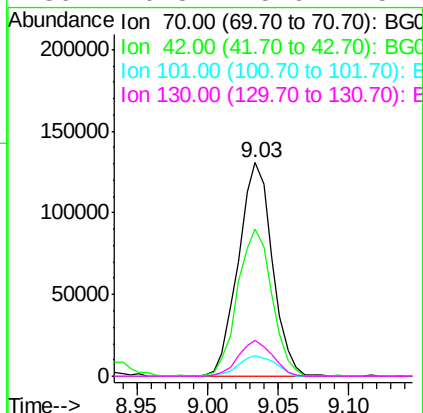
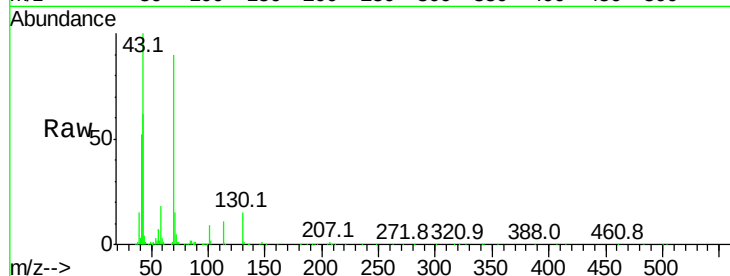




#15
N-Nitroso-di-n-propylamine
Concen: 37.88 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

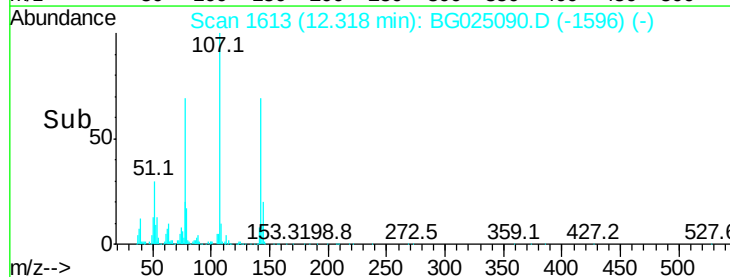
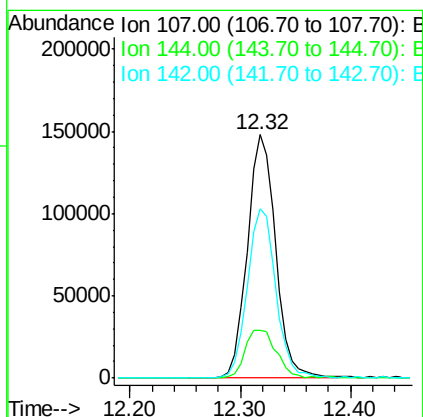
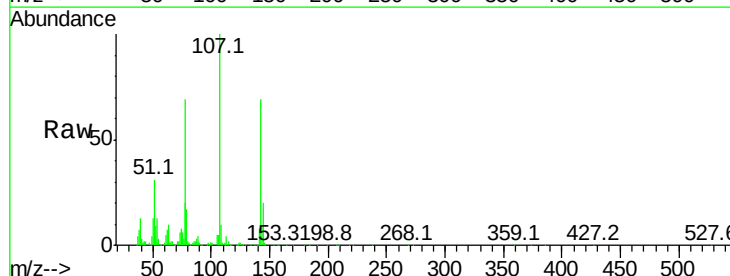
Instrument :
BNA_G
ClientSampleId :

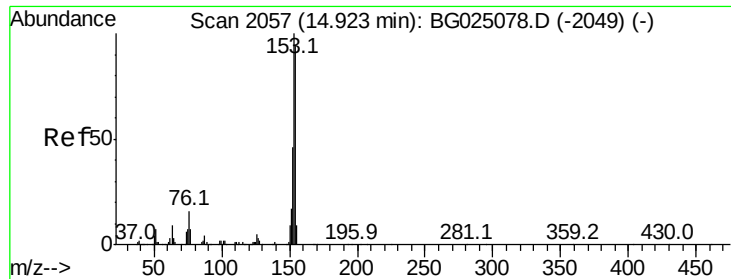
Tot Ion:	70	Resp:	220311
Ion	Ratio	Lower	Upper
70	100		
42	68.8	59.0	88.6
101	9.7	6.6	9.8
130	16.8	15.6	23.4



#33
4-Chloro-3-methylphenol
Concen: 34.42 ng/ul
RT: 12.32 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Tgt Ion:	107	Resp:	265845
Ion	Ratio	Lower	Upper
107	100		
144	19.6	18.2	27.4
142	69.4	55.0	82.4





#49

Acenaphthene

Concen: 40.78 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BG025090.D

Acq: 11 Dec 2016 5:04

Instrument :

BNA_G

ClientSampleId :

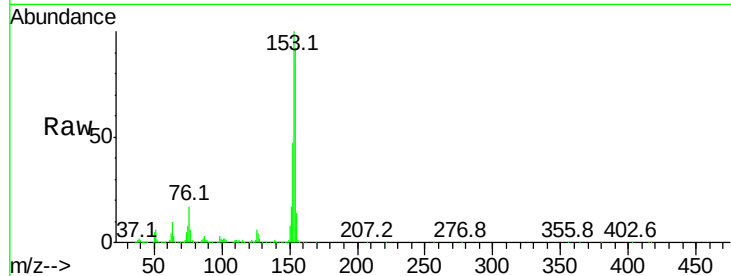
Tot Ion:153 Resp: 639890

Ion Ratio Lower Upper

153 100

152 47.1 36.5 54.7

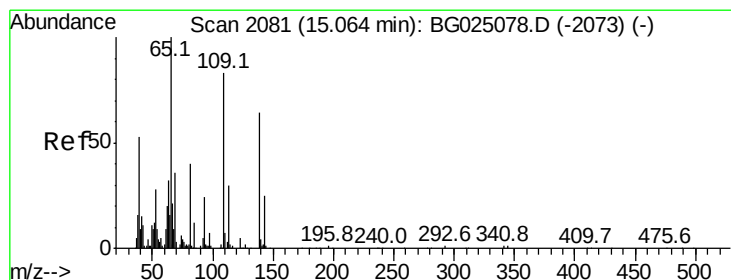
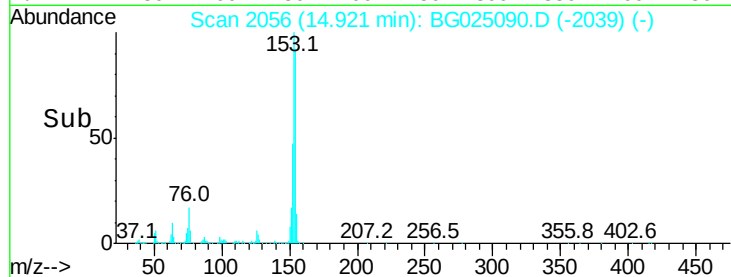
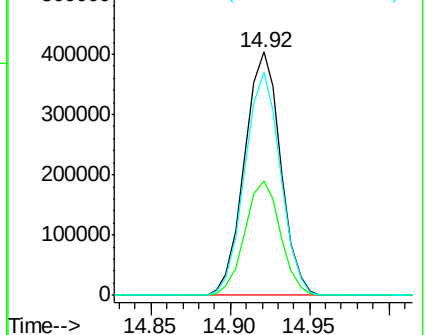
154 91.6 72.3 108.5



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: 8.90 ng/ul

RT: 15.06 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG025090.D

Acq: 11 Dec 2016 5:04

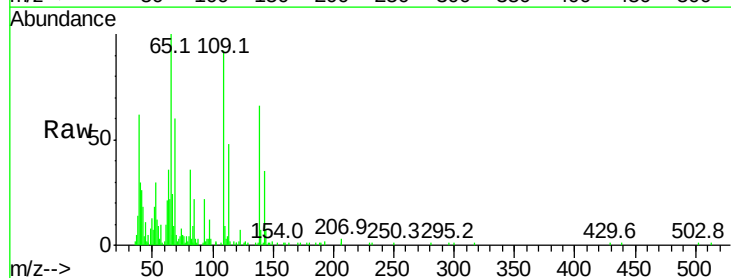
Tgt Ion:109 Resp: 39591

Ion Ratio Lower Upper

109 100

139 72.1 62.6 93.8

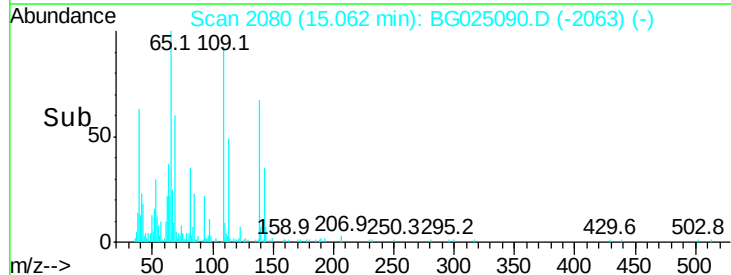
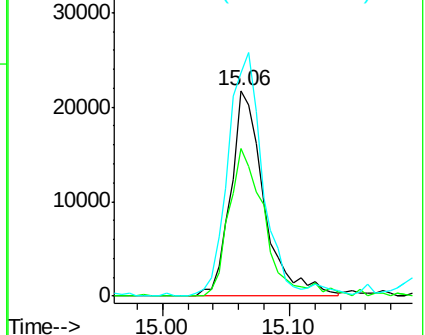
65 109.0 90.4 135.6

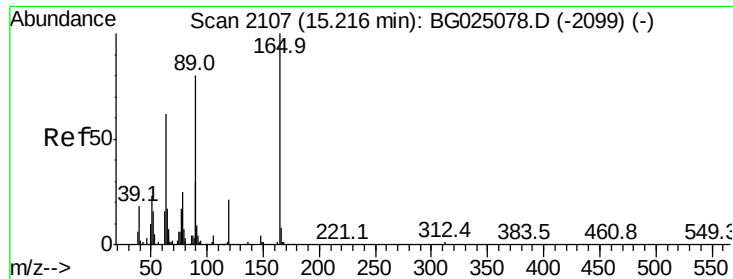


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#54

2,4-Dinitrotoluene

Concen: 39.71 ng/ul

RT: 15.21 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BG025090.D

Acq: 11 Dec 2016 5:04

Instrument :

BNA_G

ClientSampleId :

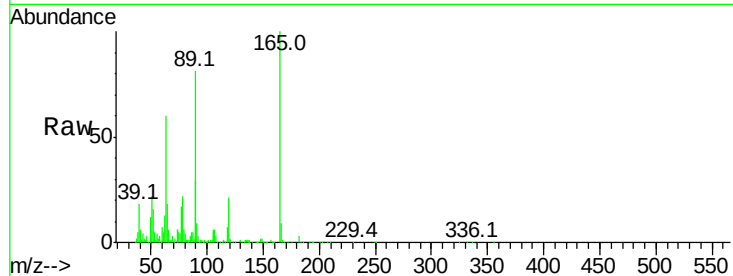
Tot Ion:165 Resp: 271849

Ion Ratio Lower Upper

165 100

63 59.6 46.8 70.2

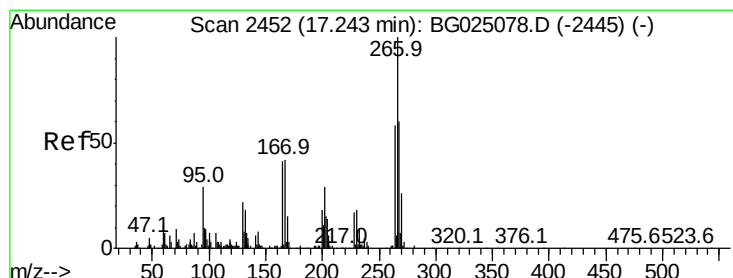
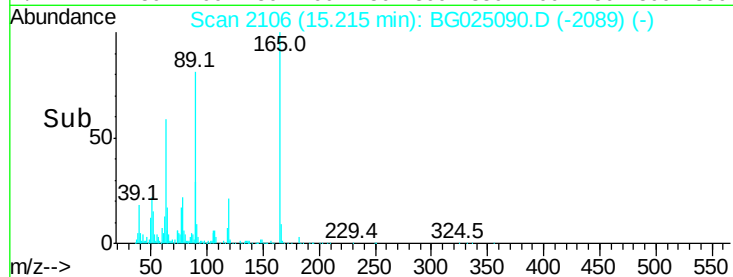
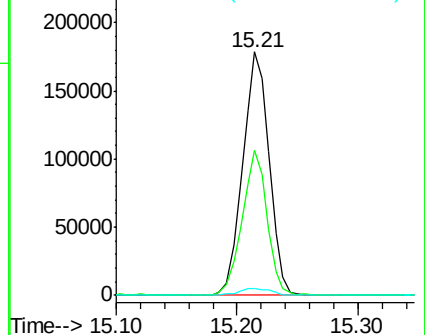
182 2.7 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 44.91 ng/ul

RT: 17.24 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG025090.D

Acq: 11 Dec 2016 5:04

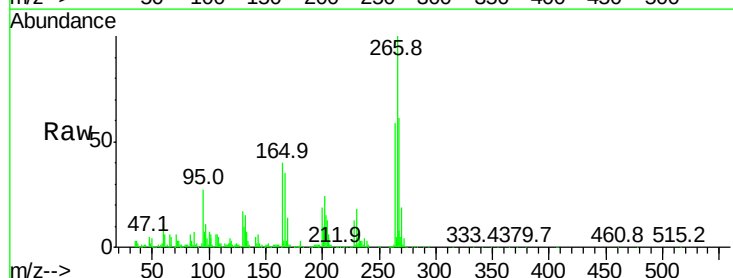
Tgt Ion:266 Resp: 240411

Ion Ratio Lower Upper

266 100

264 59.4 47.1 70.7

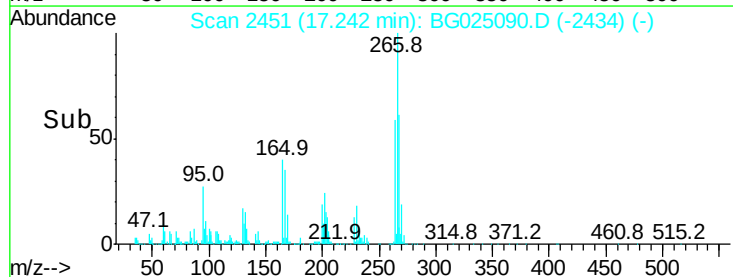
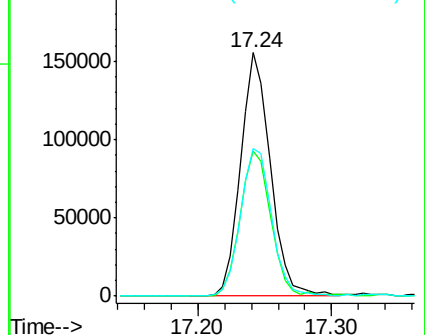
268 60.6 56.2 84.4

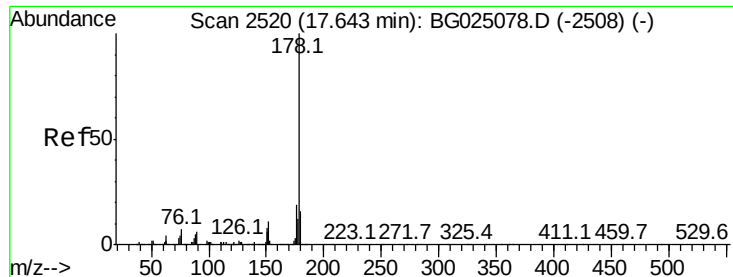


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 1.04 ng/ul

RT: 17.64 min Scan# 2519

Delta R.T. -0.00 min

Lab File: BG025090.D

Acq: 11 Dec 2016 5:04

Instrument :

BNA_G

ClientSampleId :

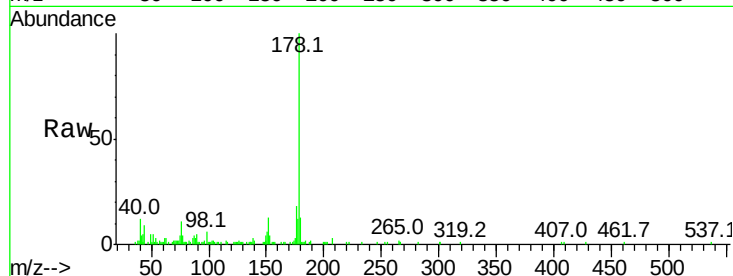
Tot Ion:178 Resp: 34766

Ion Ratio Lower Upper

178 100

179 12.6 12.4 18.6

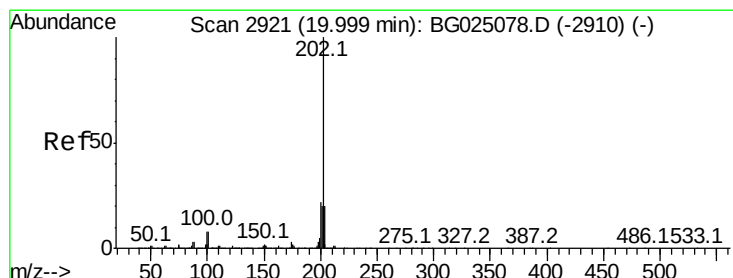
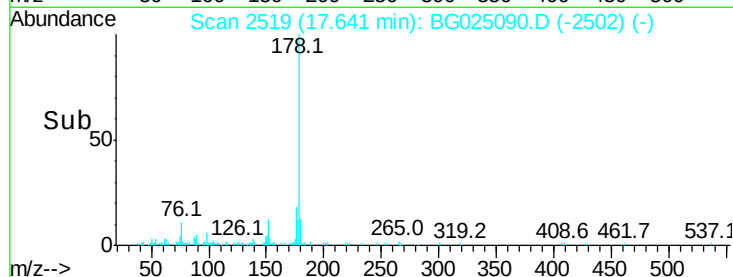
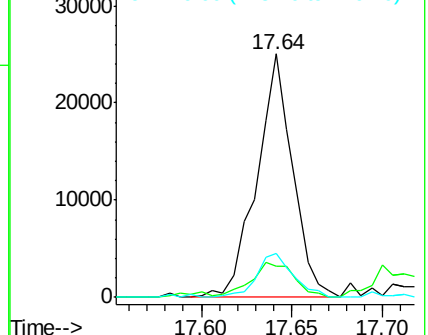
176 18.2 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Pyrene

Concen: 42.38 ng/ul

RT: 20.00 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BG025090.D

Acq: 11 Dec 2016 5:04

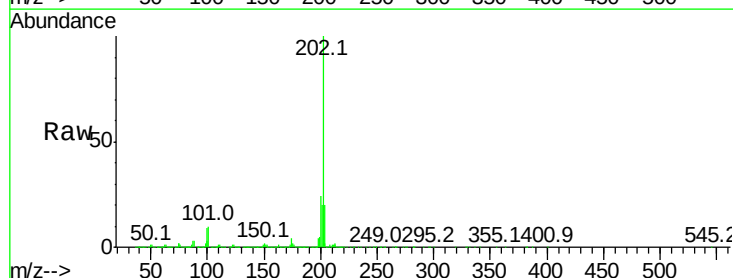
Tgt Ion:202 Resp: 1767057

Ion Ratio Lower Upper

202 100

101 9.9 6.9 10.3

100 8.8 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): E

