

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
 Data File : BG025346.D
 Acq On : 20 Dec 2016 9:26
 Operator : UM/SJ
 Sample : H6069-14MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7J8MSD

Quant Time: Dec 20 12:16:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 20 03:02:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	51371	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	225697	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.84	164	187849	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	438173	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	598152	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	622456	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	4441	4.47	ng/uL	0.00
5) Phenol-d5	7.38	99	106240	23.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	71867	26.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	75108	24.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	90197	24.35	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	43282	27.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	51024	25.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	96718	25.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	123298	32.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	423569	32.78	ng/ul	0.00
46) Acenaphthylene-d8	14.54	160	447709	31.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	55451	24.97	ng/ul	0.00
57) Fluorene-d10	15.83	176	372826	30.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	68875	25.42	ng/ul	0.00
70) Anthracene-d10	17.69	188	622600	33.66	ng/ul	0.00
76) Pyrene-d10	19.96	212	836071	33.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	858767	34.05	ng/ul	0.00

Target Compounds

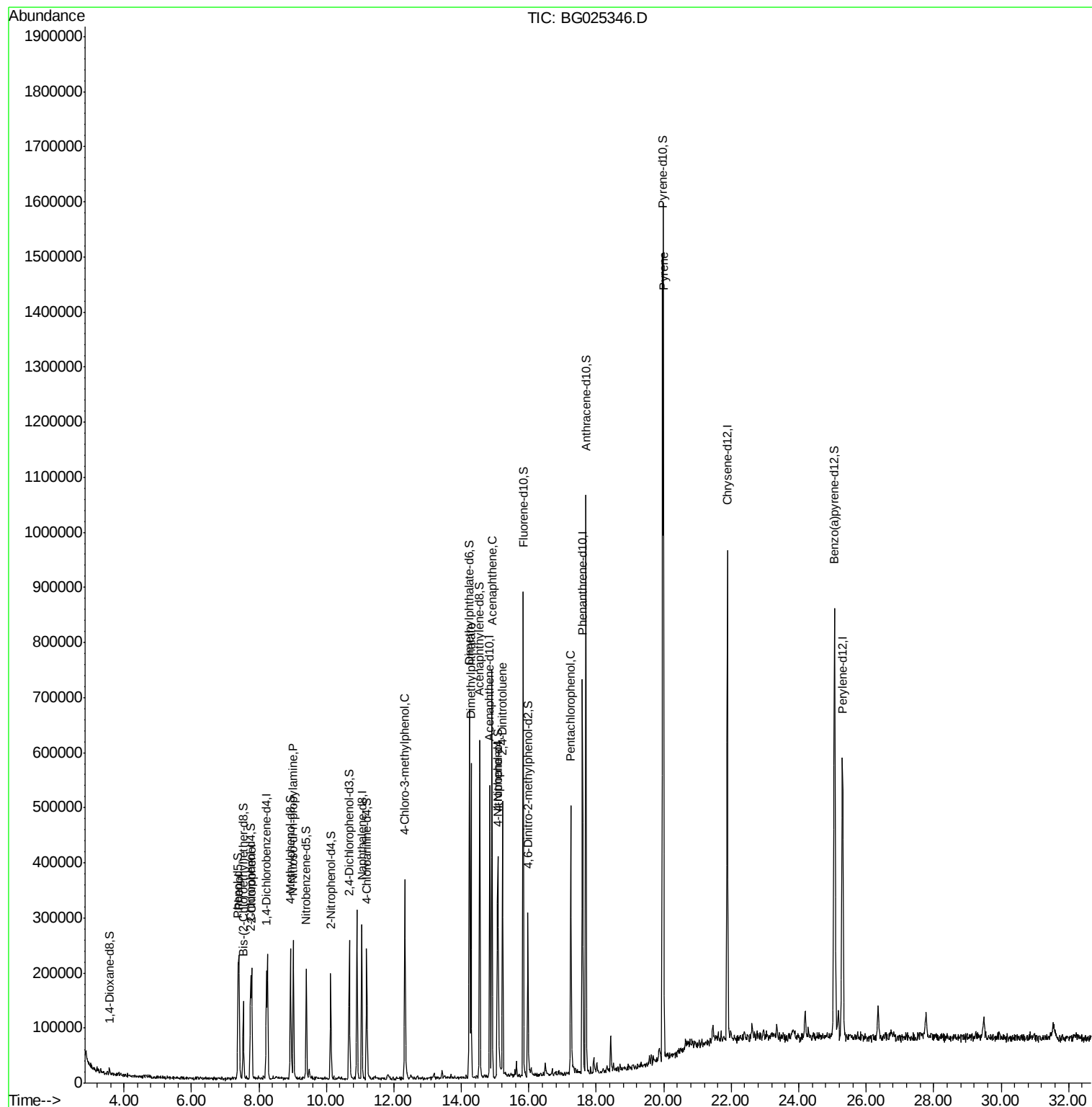
						Qvalue
6) Phenol	7.41	94	117328	25.79	ng/ul	94
10) 2-Chlorophenol	7.78	128	73084	23.46	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.02	70	93929	28.85	ng/ul#	85
33) 4-Chloro-3-methylphenol	12.32	107	139118	30.34	ng/ul	97
44) Dimethylphthalate	14.29	163	358874	28.26	ng/ul	97
49) Acenaphthene	14.91	153	295375	31.34	ng/ul	97
52) 4-Nitrophenol	15.09	109	76469	28.63	ng/ul	88
54) 2,4-Dinitrotoluene	15.22	165	134987	32.83	ng/ul#	95
68) Pentachlorophenol	17.24	266	100429	30.01	ng/ul	92
77) Pyrene	19.99	202	988382	34.37	ng/ul	98

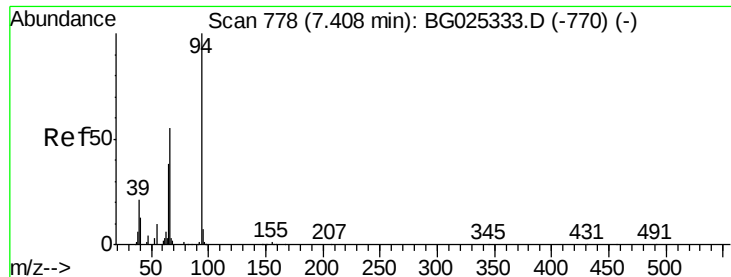
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 25.79 ng/ul

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG025346.D

Acq: 20 Dec 2016 9:26

Instrument :

BNA_G

ClientSampleId :

DA7J8MSD

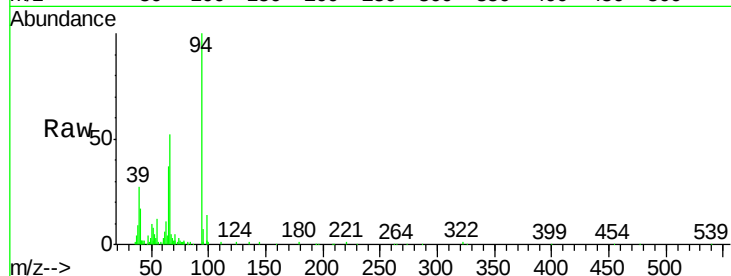
Tgt Ion: 94 Resp: 117328

Ion Ratio Lower Upper

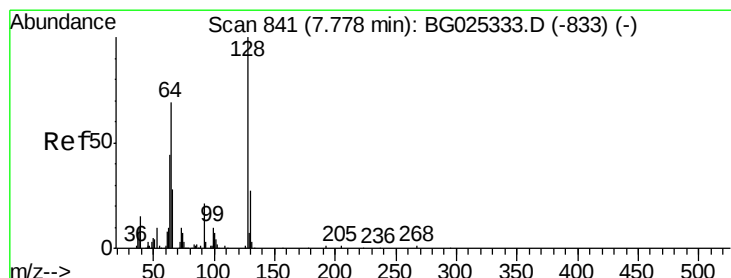
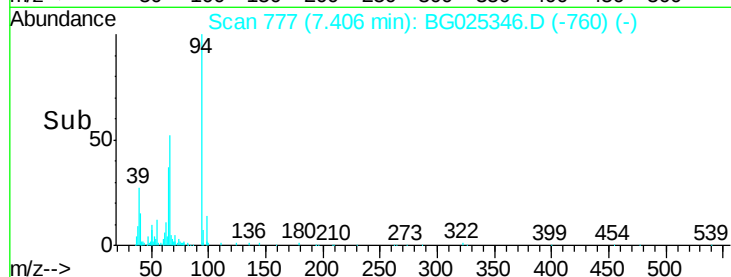
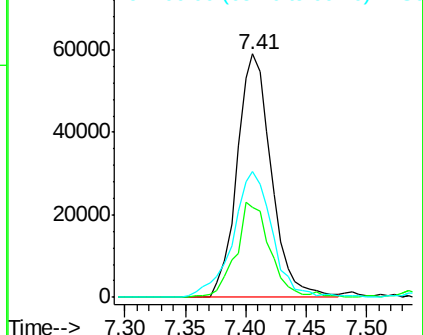
94 100

65 37.2 26.8 40.2

66 51.6 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: 23.46 ng/ul

RT: 7.78 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG025346.D

Acq: 20 Dec 2016 9:26

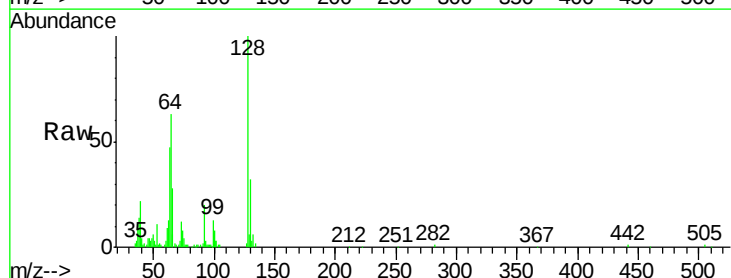
Tgt Ion: 128 Resp: 73084

Ion Ratio Lower Upper

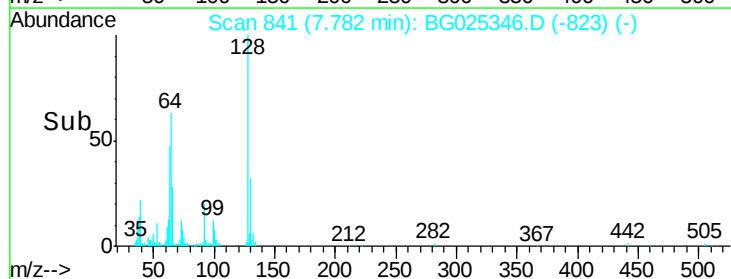
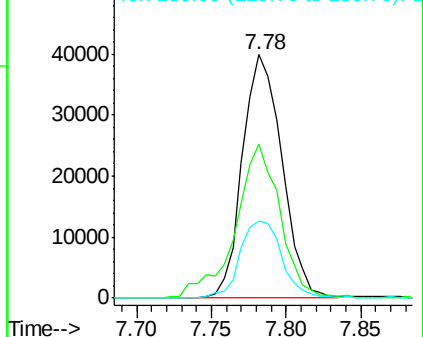
128 100

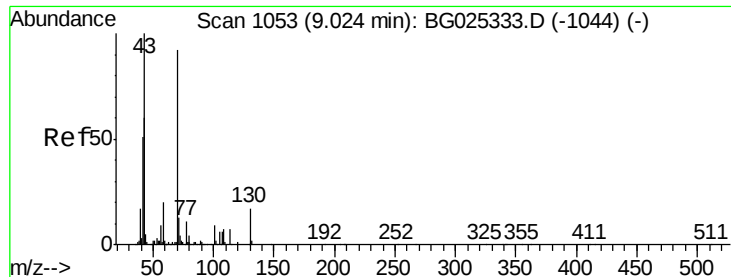
64 63.1 56.3 84.5

130 31.7 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

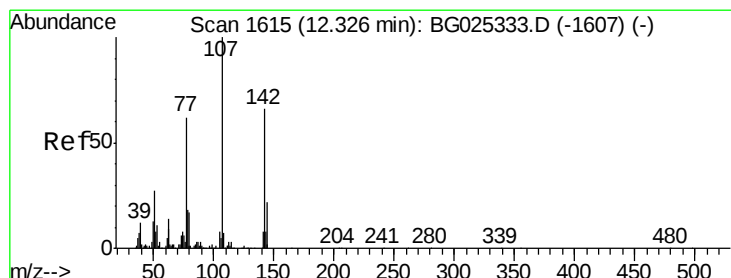
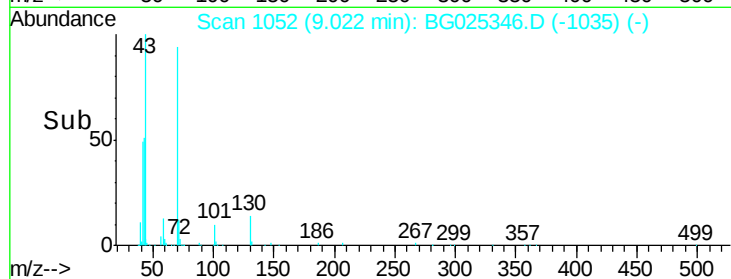
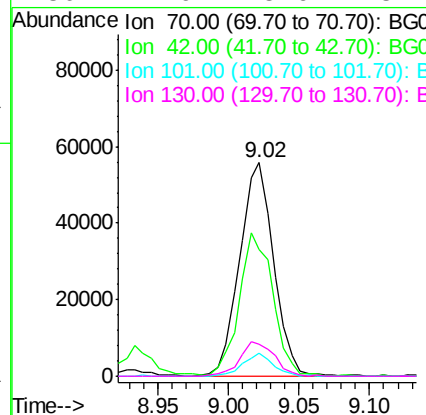
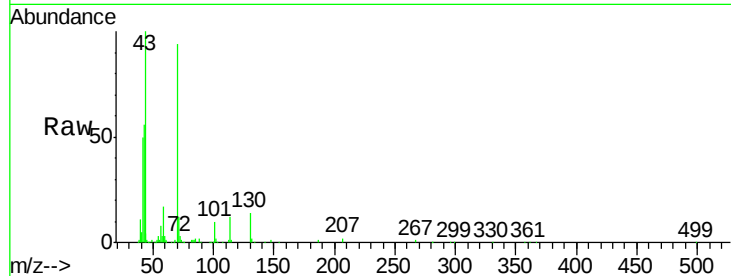




#15
N-Nitroso-di-n-propylamine
Concen: 28.85 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG025346.D
Acq: 20 Dec 2016 9:26

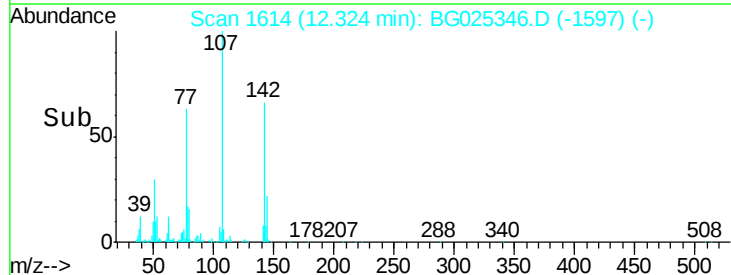
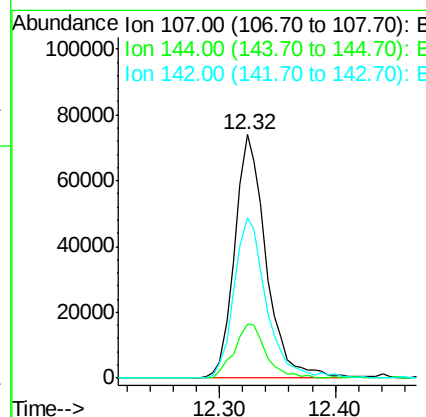
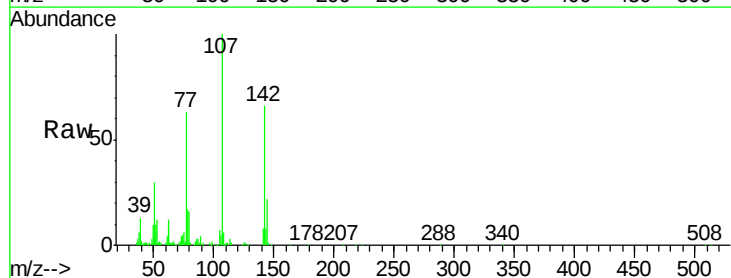
Instrument :
BNA_G
ClientSampleId :
DA7J8MSD

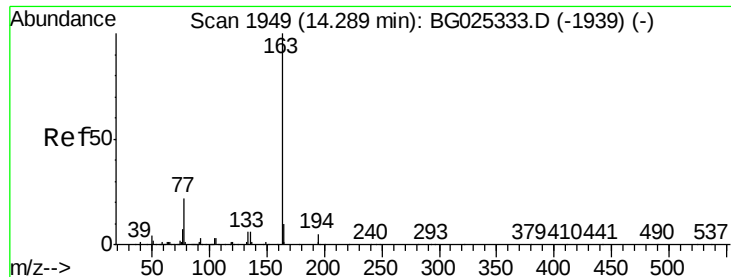
Tgt Ion: 70 Resp: 93929
Ion Ratio Lower Upper
70 100
42 59.3 59.0 88.6
101 10.8 6.6 9.8#
130 14.9 15.6 23.4#



#33
4-Chloro-3-methylphenol
Concen: 30.34 ng/ul
RT: 12.32 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG025346.D
Acq: 20 Dec 2016 9:26

Tgt Ion: 107 Resp: 139118
Ion Ratio Lower Upper
107 100
144 22.3 18.2 27.4
142 66.0 55.0 82.4





#44

Dimethylphthalate

Concen: 28.26 ng/ul

RT: 14.29 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG025346.D

Acq: 20 Dec 2016 9:26

Instrument :

BNA_G

ClientSampleId :

DA7J8MSD

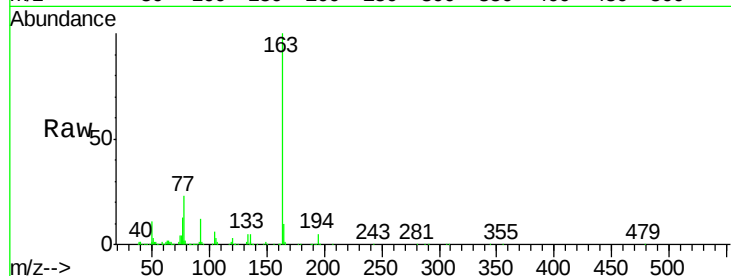
Tgt Ion:163 Resp: 358874

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

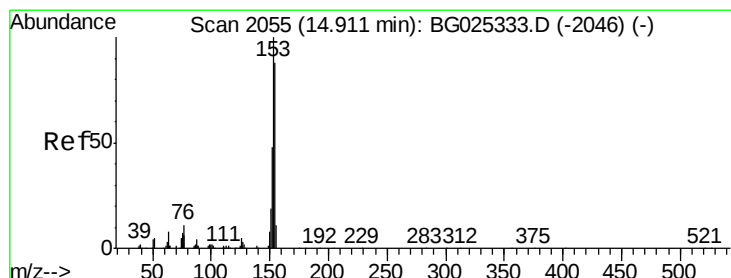
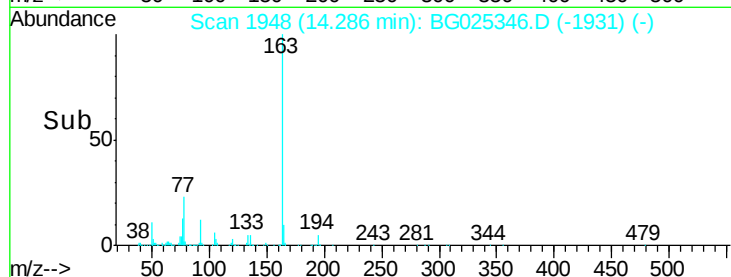
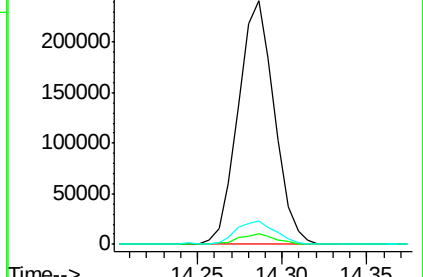
164 9.7 9.0 13.4



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



#49

Acenaphthene

Concen: 31.34 ng/ul

RT: 14.91 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG025346.D

Acq: 20 Dec 2016 9:26

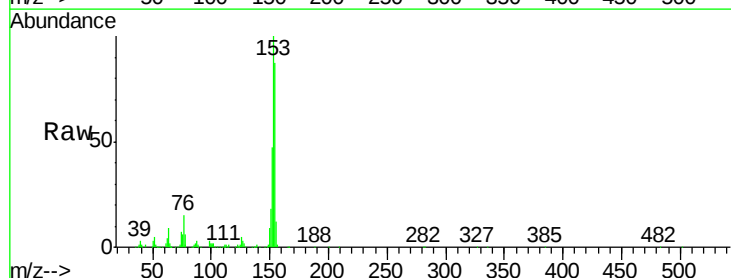
Tgt Ion:153 Resp: 295375

Ion Ratio Lower Upper

153 100

152 46.9 36.5 54.7

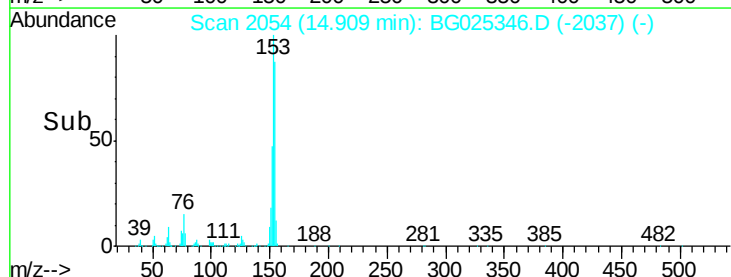
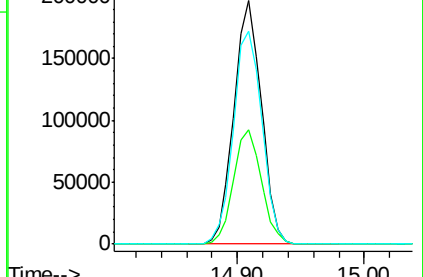
154 87.2 72.3 108.5

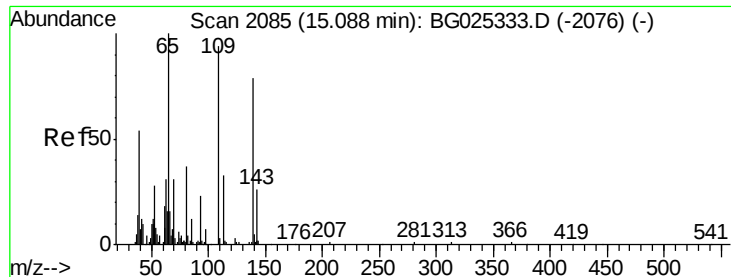


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 28.63 ng/ul

RT: 15.09 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG025346.D

Acq: 20 Dec 2016 9:26

Instrument :

BNA_G

ClientSampleId :

DA7J8MSD

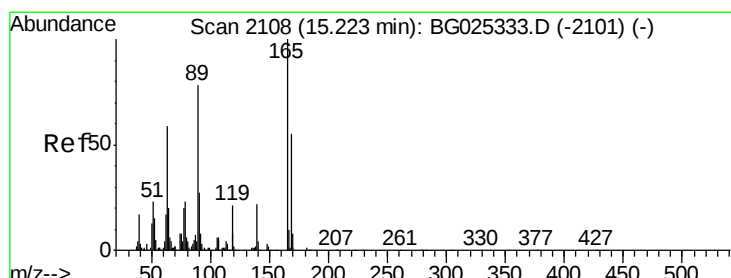
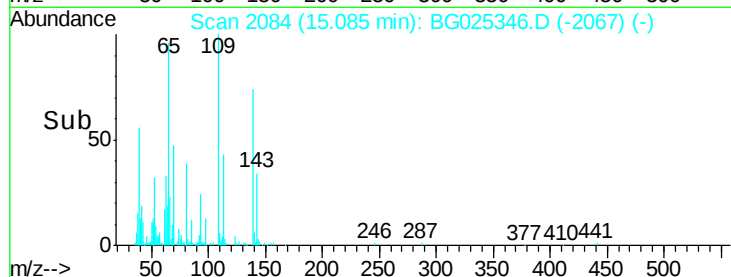
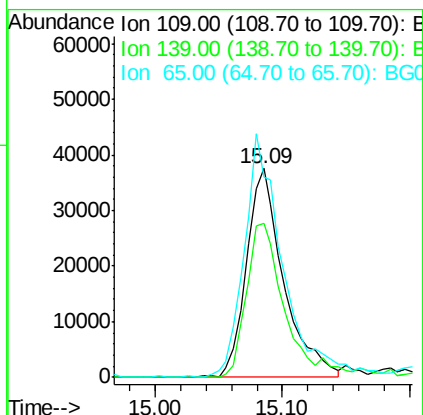
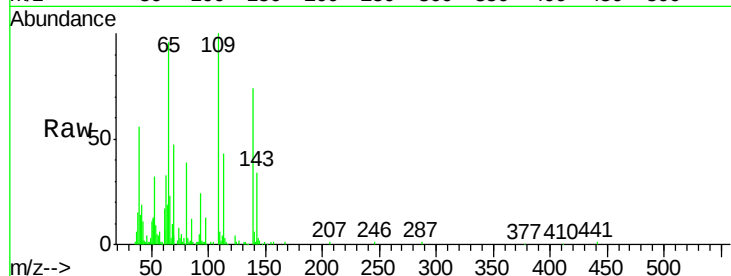
Tgt Ion:109 Resp: 76469

Ion Ratio Lower Upper

109 100

139 73.6 62.6 93.8

65 95.7 90.4 135.6



#54

2,4-Dinitrotoluene

Concen: 32.83 ng/ul

RT: 15.22 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG025346.D

Acq: 20 Dec 2016 9:26

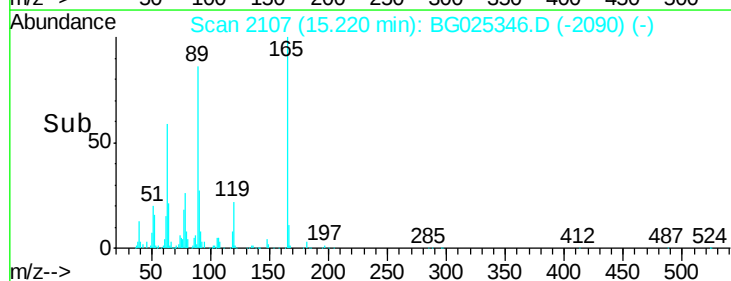
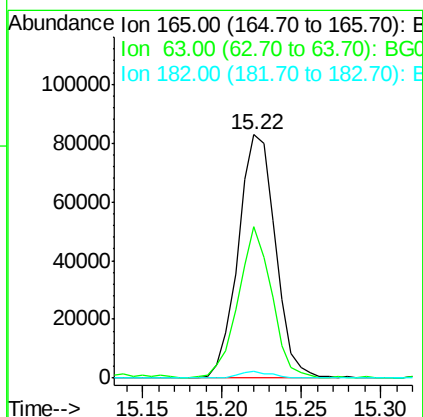
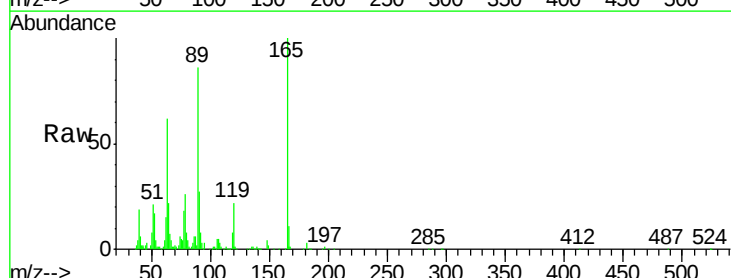
Tgt Ion:165 Resp: 134987

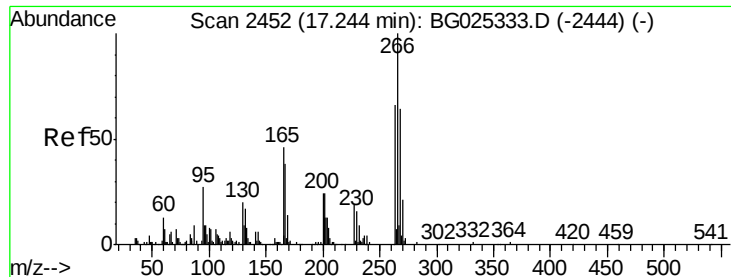
Ion Ratio Lower Upper

165 100

63 62.0 46.8 70.2

182 2.9 1.8 2.6#

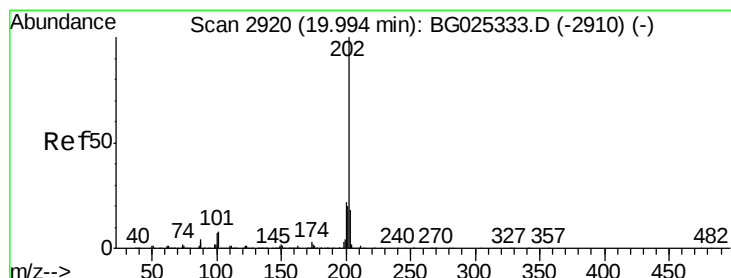
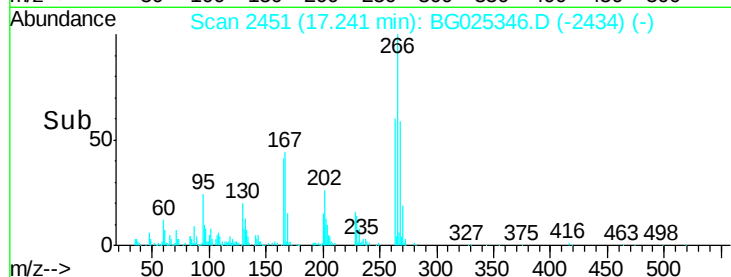
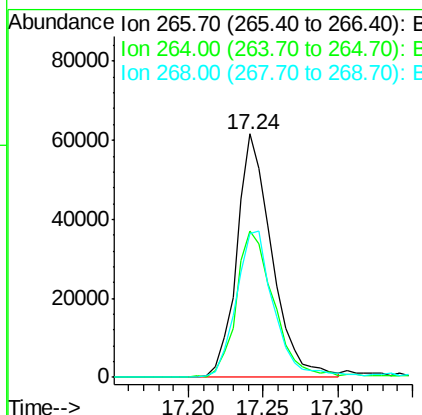
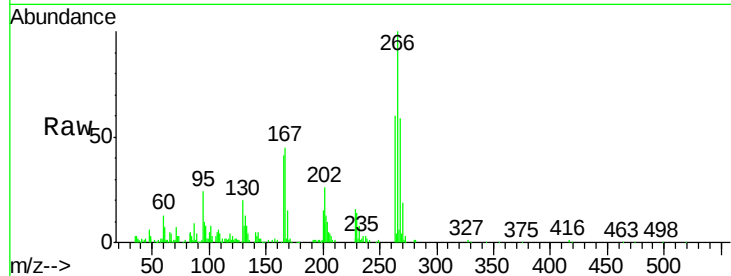




#68
 Pentachlorophenol
 Concen: 30.01 ng/ul
 RT: 17.24 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG025346.D
 Acq: 20 Dec 2016 9:26

Instrument :
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Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.1	47.1	70.7
268	59.1	56.2	84.4



#77
 Pyrene
 Concen: 34.37 ng/ul
 RT: 19.99 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: BG025346.D
 Acq: 20 Dec 2016 9:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	7.4	6.6	10.0

