

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
 Data File : BG024845.D
 Acq On : 19 Nov 2016 4:08
 Operator : UM/SJ
 Sample : H5695-10MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHST5MSD

Quant Time: Nov 19 04:51:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 19 03:34:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	110847	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	529775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	482881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	996348	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1219419	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1313523	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	9045	4.23	ng/uL	0.00
5) Phenol-d5	7.40	99	244203	25.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	164453	27.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	181276	26.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	213882	26.82	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	100046	24.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	128193	26.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	235921	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	284845	26.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	847004	24.06	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	962282	25.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	136896	21.85	ng/ul	0.00
57) Fluorene-d10	15.86	176	793431	23.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	132778	19.38	ng/ul	0.00
70) Anthracene-d10	17.72	188	1167165	26.52	ng/ul	0.00
76) Pyrene-d10	19.99	212	1385535	26.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1524143	26.51	ng/ul	0.00

Target Compounds

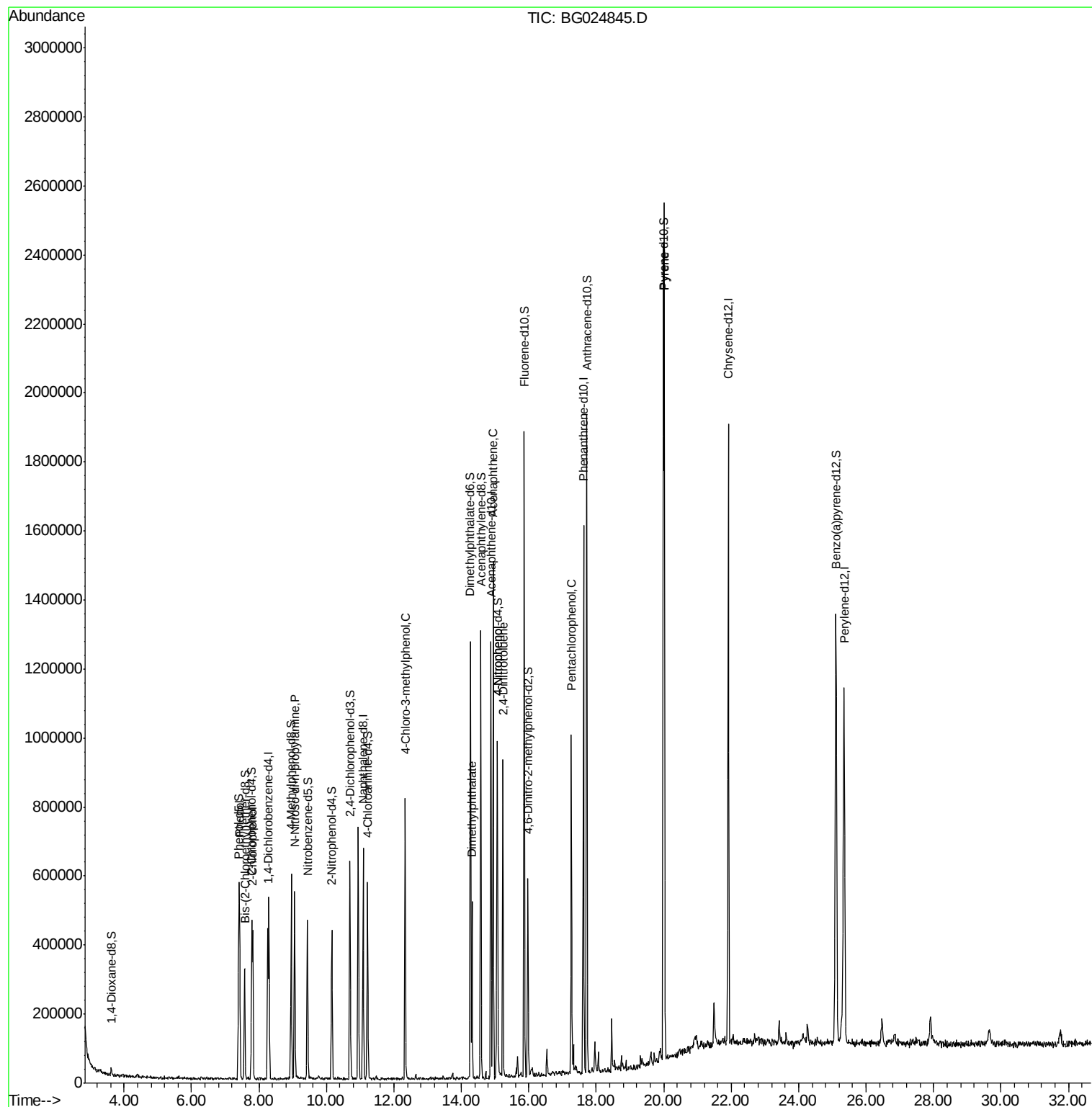
						Qvalue
6) Phenol	7.42	94	283146	28.54	ng/ul	94
10) 2-Chlorophenol	7.82	128	171743	26.07	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.06	70	198363	29.07	ng/ul	87
33) 4-Chloro-3-methylphenol	12.33	107	278334	25.17	ng/ul	98
44) Dimethylphthalate	14.31	163	305976	9.06	ng/ul	99
49) Acenaphthene	14.94	153	634480	24.13	ng/ul	96
52) 4-Nitrophenol	15.07	109	158111	21.08	ng/ul	90
54) 2,4-Dinitrotoluene	15.23	165	260570	24.27	ng/ul	90
68) Pentachlorophenol	17.26	266	202118	25.53	ng/ul	89
77) Pyrene	20.02	202	1575886	26.29	ng/ul	98

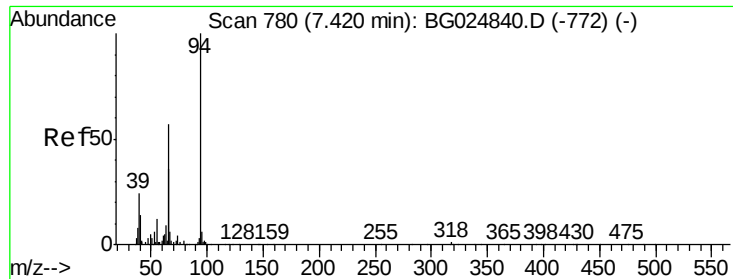
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 28.54 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG024845.D

Acq: 19 Nov 2016 4:08

Instrument :

BNA_G

ClientSampleId :

JHST5MSD

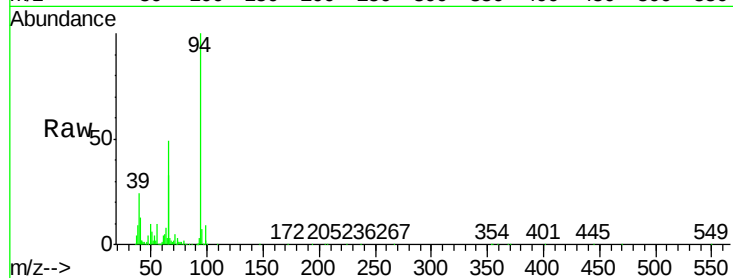
Tgt Ion: 94 Resp: 283146

Ion Ratio Lower Upper

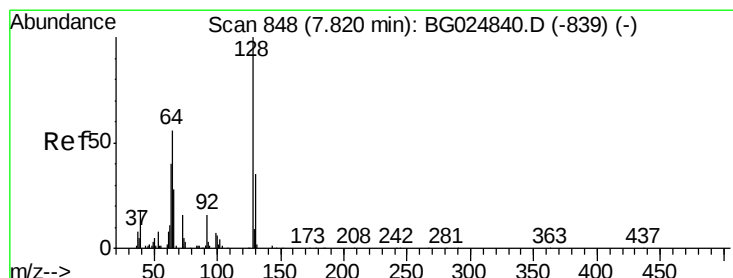
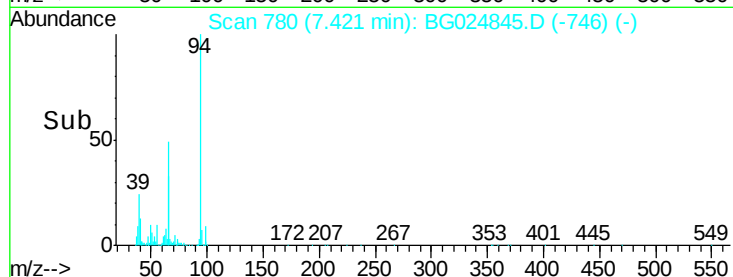
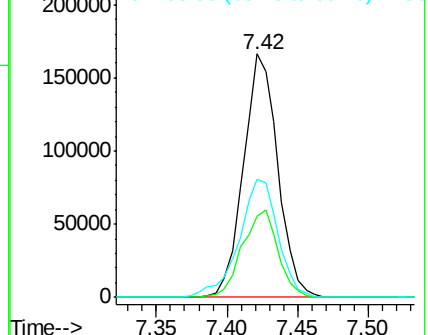
94 100

65 33.4 26.8 40.2

66 48.6 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: 26.07 ng/ul

RT: 7.82 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG024845.D

Acq: 19 Nov 2016 4:08

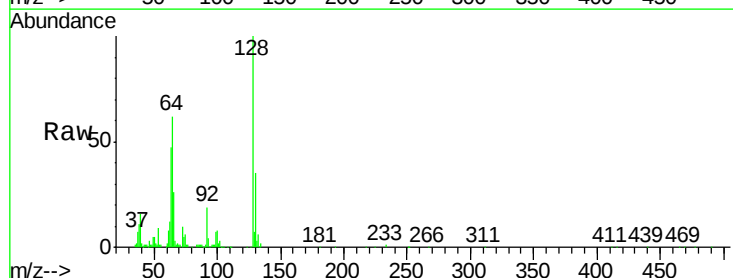
Tgt Ion: 128 Resp: 171743

Ion Ratio Lower Upper

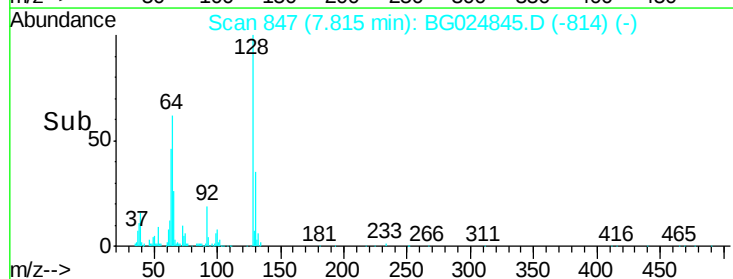
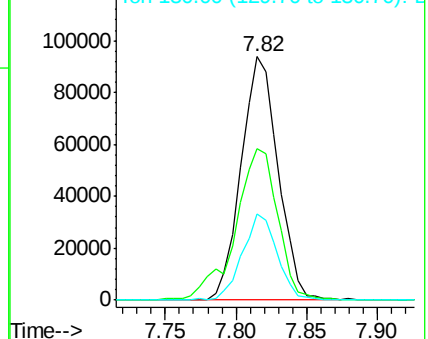
128 100

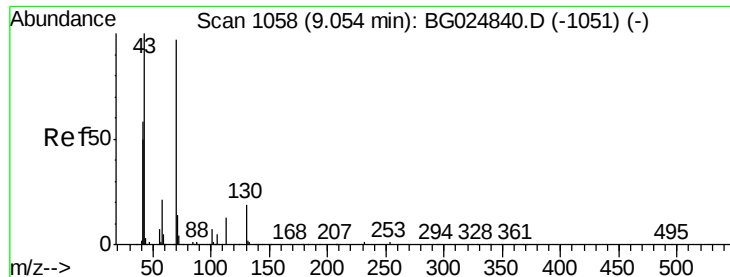
64 62.3 56.3 84.5

130 35.2 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

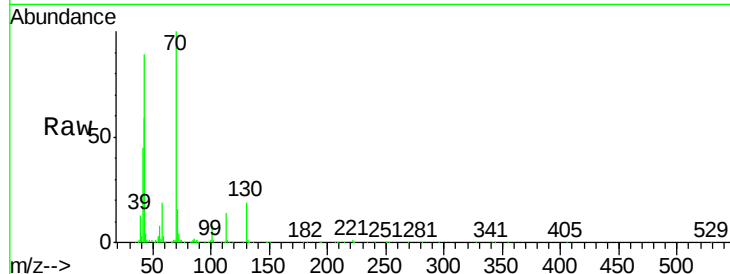




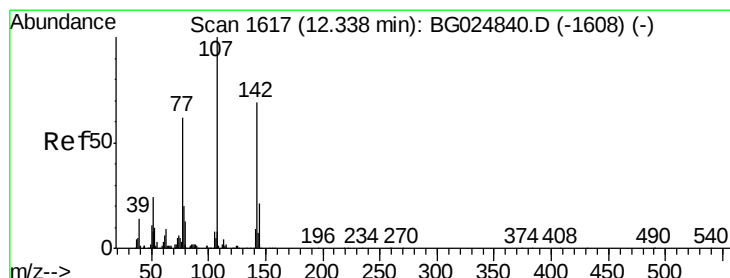
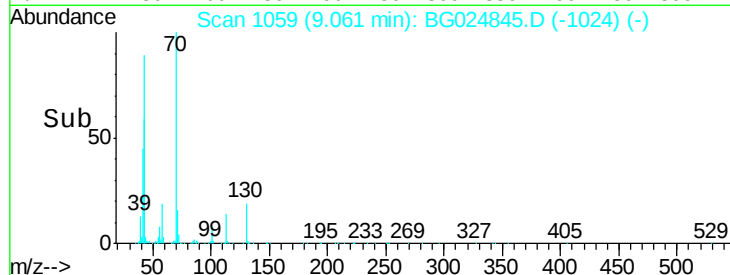
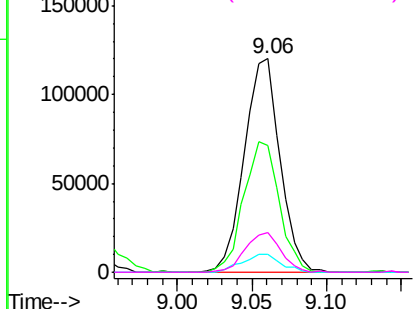
#15
N-Nitroso-di-n-propylamine
Concen: 29.07 ng/ul
RT: 9.06 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Instrument :
BNA_G
ClientSampleId :
JHST5MSD

Tgt Ion:	70	Resp:	198363
Ion	Ratio	Lower	Upper
70	100		
42	59.3	59.0	88.6
101	8.3	6.6	9.8
130	18.6	15.6	23.4

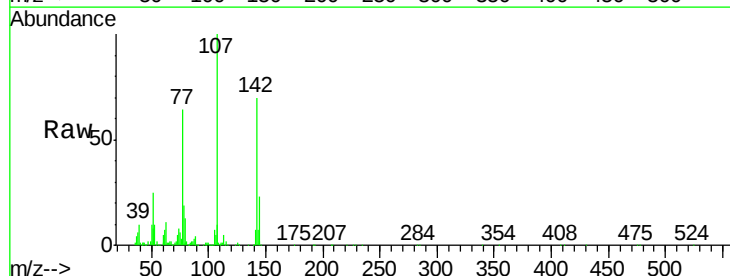


Abundance Ion 70.00 (69.70 to 70.70): BG024845.D (-1051) (-)
Ion 42.00 (41.70 to 42.70): BG024845.D (-1051) (-)
Ion 101.00 (100.70 to 101.70): BG024845.D (-1051) (-)
Ion 130.00 (129.70 to 130.70): BG024845.D (-1051) (-)

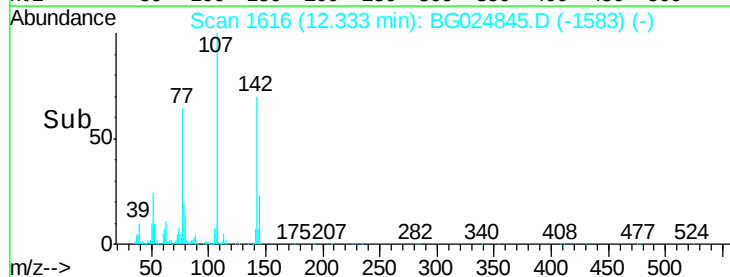
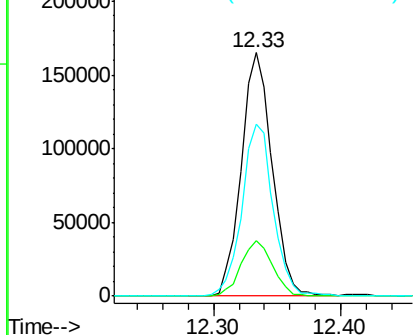


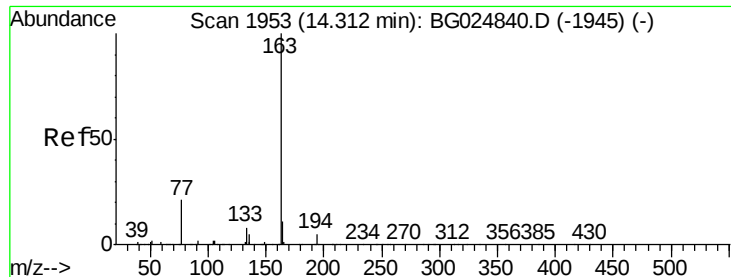
#33
4-Chloro-3-methylphenol
Concen: 25.17 ng/ul
RT: 12.33 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Tgt Ion:	107	Resp:	278334
Ion	Ratio	Lower	Upper
107	100		
144	22.9	18.2	27.4
142	70.4	55.0	82.4



Abundance Ion 107.00 (106.70 to 107.70): BG024845.D (-1608) (-)
Ion 144.00 (143.70 to 144.70): BG024845.D (-1608) (-)
Ion 142.00 (141.70 to 142.70): BG024845.D (-1608) (-)





#44

Dimethylphthalate

Concen: 9.06 ng/ul

RT: 14.31 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG024845.D

Acq: 19 Nov 2016 4:08

Instrument :

BNA_G

ClientSampleId :

JHST5MSD

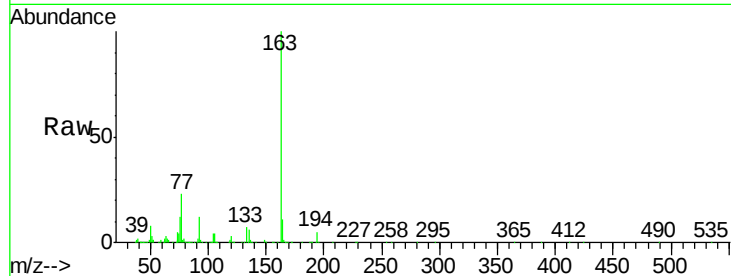
Tgt Ion:163 Resp: 305976

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

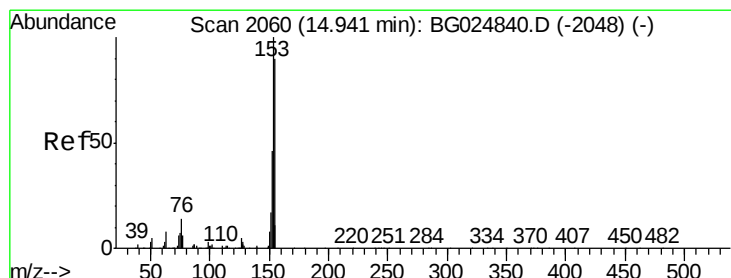
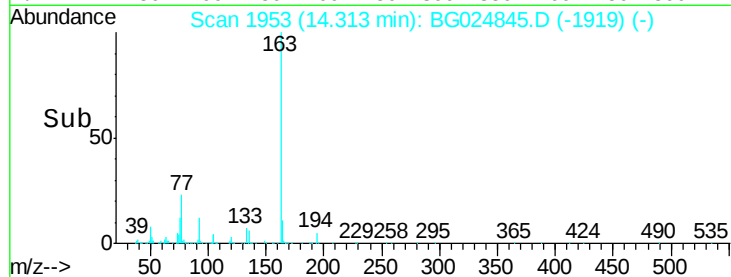
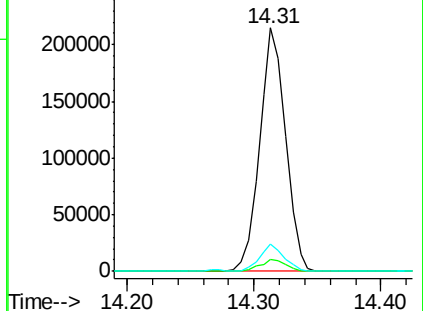
164 11.1 9.0 13.4



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: 24.13 ng/ul

RT: 14.94 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BG024845.D

Acq: 19 Nov 2016 4:08

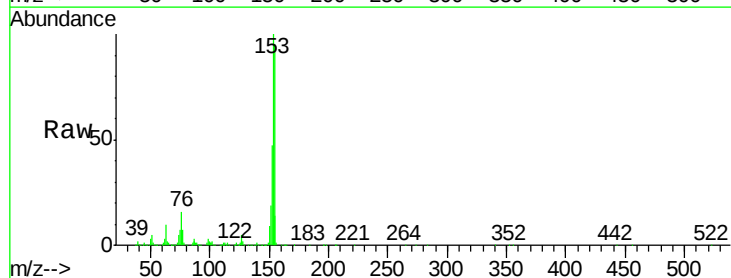
Tgt Ion:153 Resp: 634480

Ion Ratio Lower Upper

153 100

152 47.2 36.5 54.7

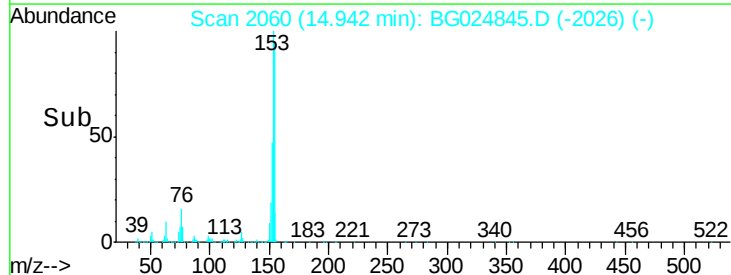
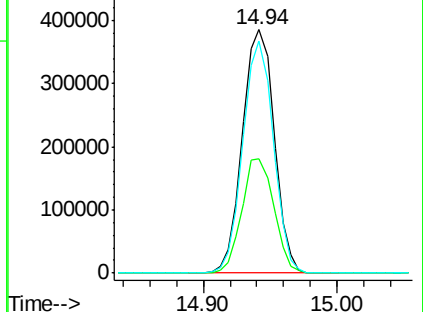
154 95.2 72.3 108.5

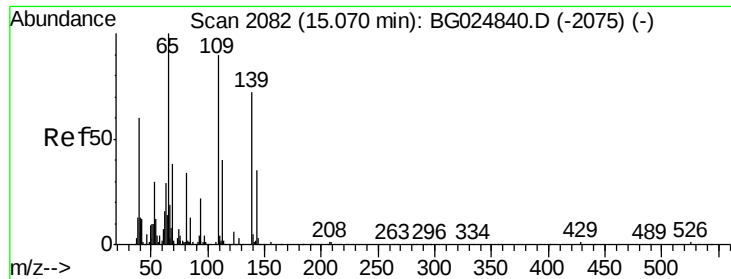


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.08 ng/ul

RT: 15.07 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG024845.D

Acq: 19 Nov 2016 4:08

Instrument :

BNA_G

ClientSampleId :

JHST5MSD

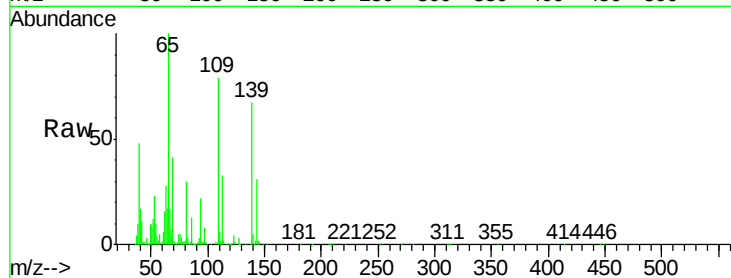
Tgt Ion:109 Resp: 158111

Ion Ratio Lower Upper

109 100

139 84.5 62.6 93.8

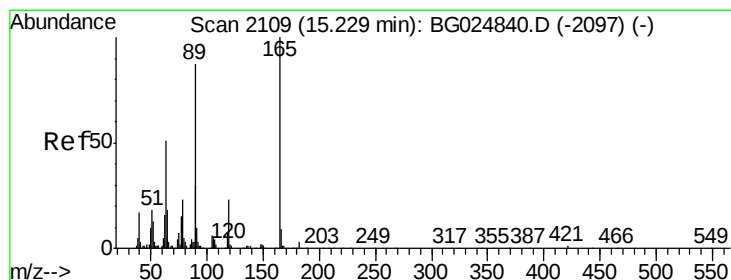
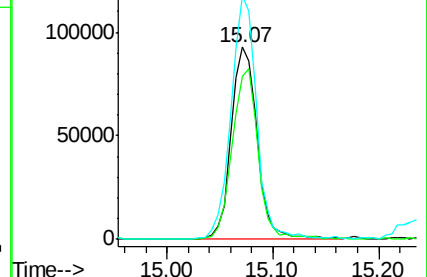
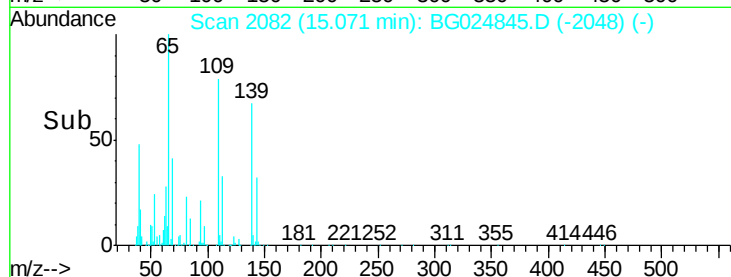
65 126.6 90.4 135.6



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: 24.27 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG024845.D

Acq: 19 Nov 2016 4:08

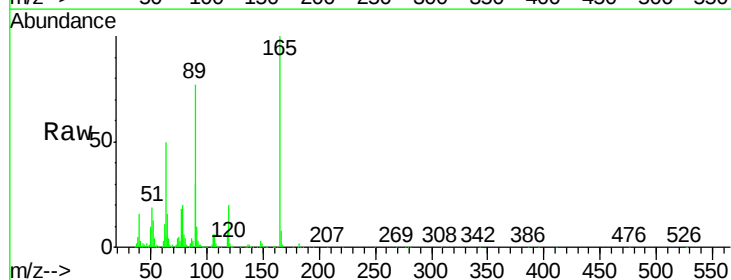
Tgt Ion:165 Resp: 260570

Ion Ratio Lower Upper

165 100

63 50.4 46.8 70.2

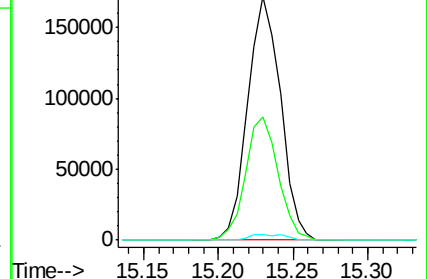
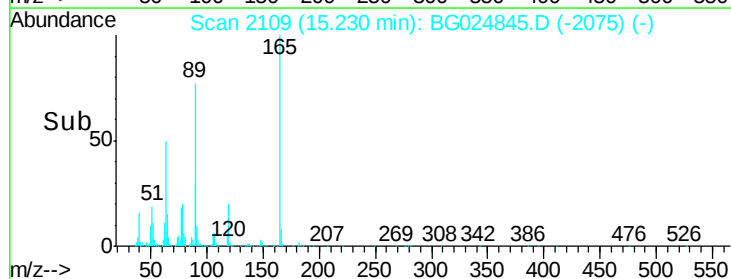
182 2.4 1.8 2.6

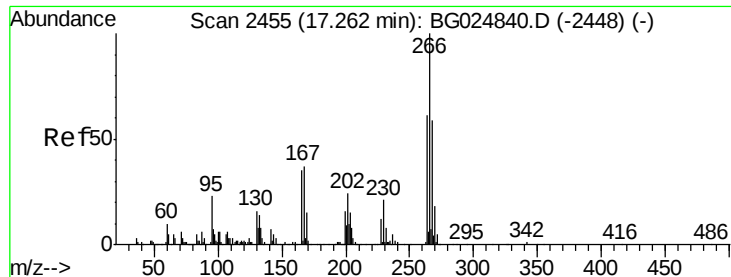


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 25.53 ng/ul

RT: 17.26 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BG024845.D

Acq: 19 Nov 2016 4:08

Instrument :

BNA_G

ClientSampleId :

JHST5MSD

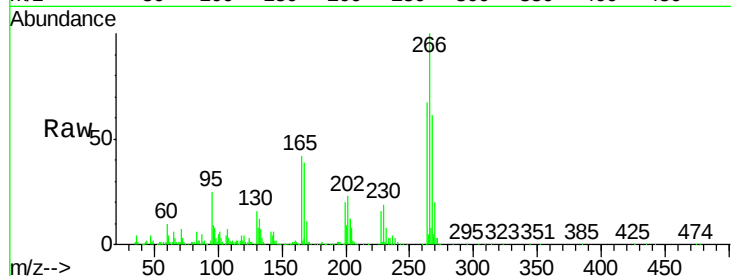
Tgt Ion:266 Resp: 202118

Ion Ratio Lower Upper

266 100

264 66.9 47.1 70.7

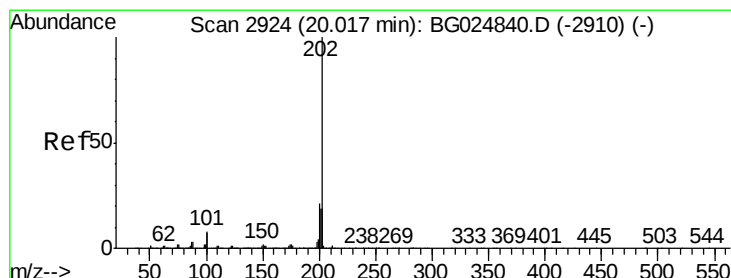
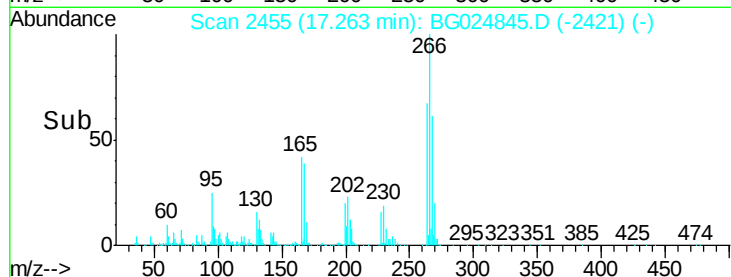
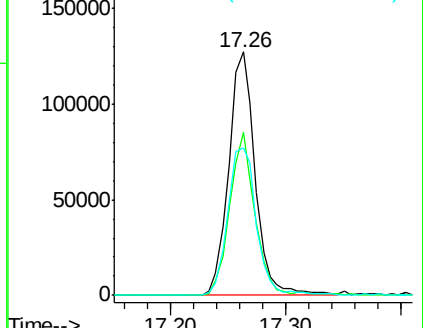
268 60.7 56.2 84.4



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: 26.29 ng/ul

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG024845.D

Acq: 19 Nov 2016 4:08

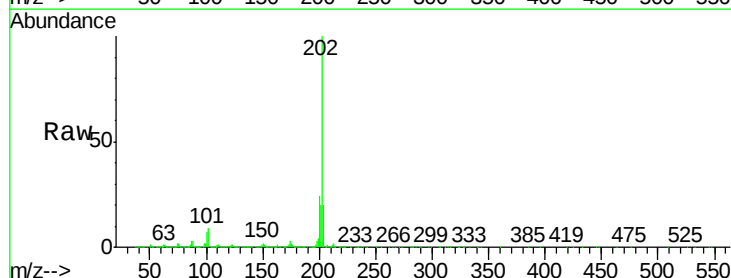
Tgt Ion:202 Resp: 1575886

Ion Ratio Lower Upper

202 100

101 9.2 6.9 10.3

100 7.2 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

