

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
 Data File : BG024866.D
 Acq On : 21 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5694-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSR7MSD

Quant Time: Nov 22 01:05:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 22 01:02:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	118823	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	527396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	463104	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	958083	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1177775	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1229164	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	10726	4.68	ng/uL	0.00
5) Phenol-d5	7.40	99	227981	22.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	156514	24.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	166783	22.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	200516	23.46	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	94715	23.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	111283	23.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	213112	22.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	159087	15.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	729391	21.60	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	850550	23.12	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	108178	18.00	ng/ul	0.00
57) Fluorene-d10	15.86	176	672750	21.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	107270	16.29	ng/ul	0.00
70) Anthracene-d10	17.72	188	1021150	24.13	ng/ul	0.00
76) Pyrene-d10	19.99	212	1219171	23.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1277081	23.73	ng/ul	-0.01

Target Compounds

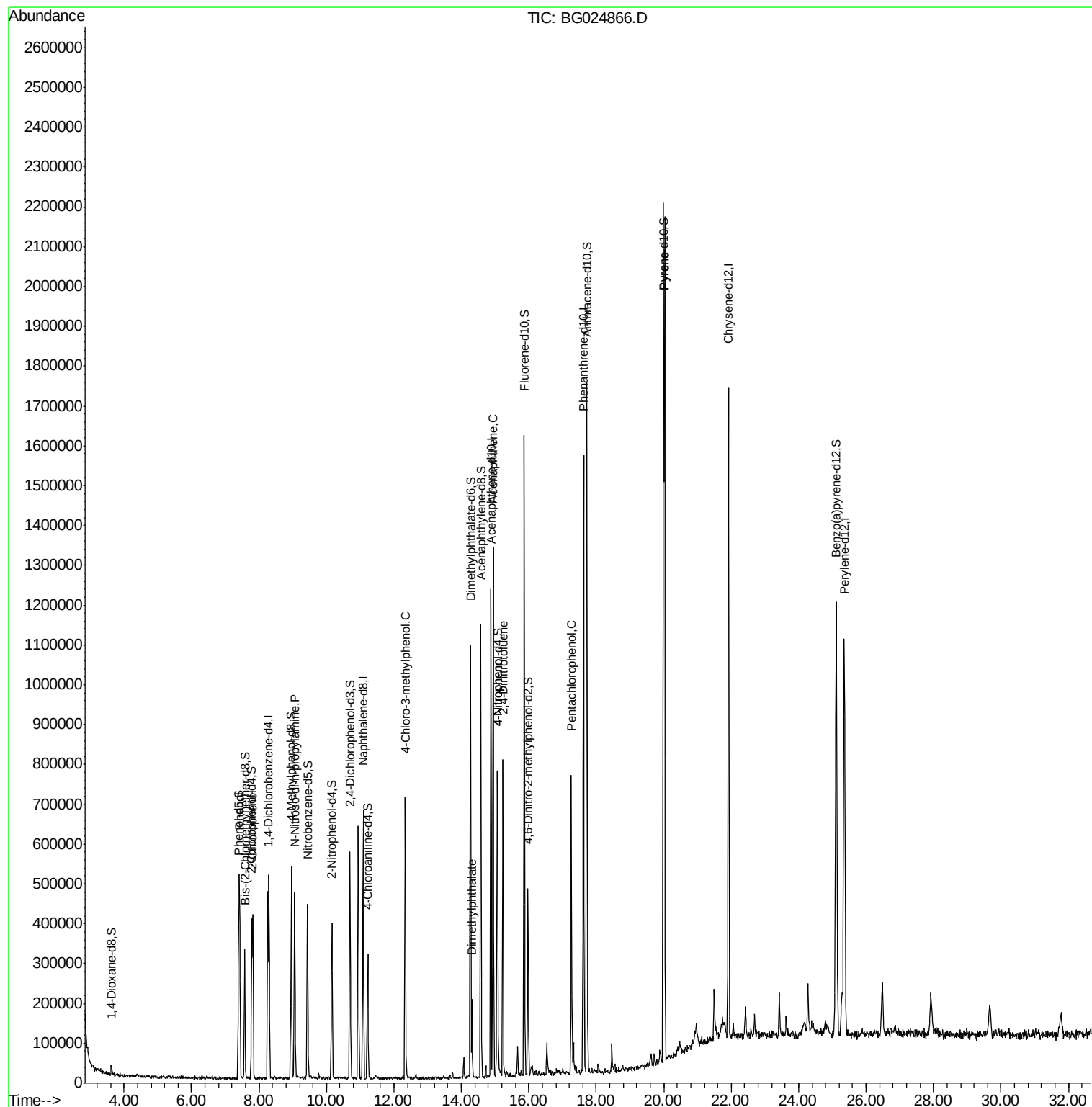
						Ovalue
6) Phenol	7.43	94	264687	24.89	ng/ul	97
10) 2-Chlorophenol	7.82	128	163351	23.14	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.06	70	188415	25.76	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.33	107	248654	22.58	ng/ul	98
44) Dimethylphthalate	14.31	163	112902	3.49	ng/ul	100
49) Acenaphthene	14.94	153	550970	21.85	ng/ul	97
52) 4-Nitrophenol	15.07	109	119122	16.56	ng/ul	92
54) 2,4-Dinitrotoluene	15.23	165	220433	21.41	ng/ul#	89
68) Pentachlorophenol	17.26	266	150502	19.77	ng/ul	94
77) Pyrene	20.02	202	1378423	23.81	ng/ul	99

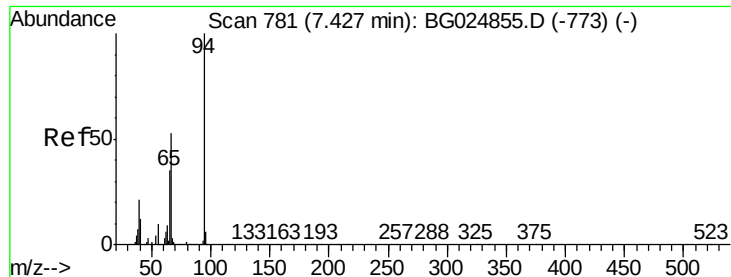
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 24.89 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024866.D

Acq: 21 Nov 2016 19:47

Instrument :

BNA_G

ClientSampleId :

JHSR7MSD

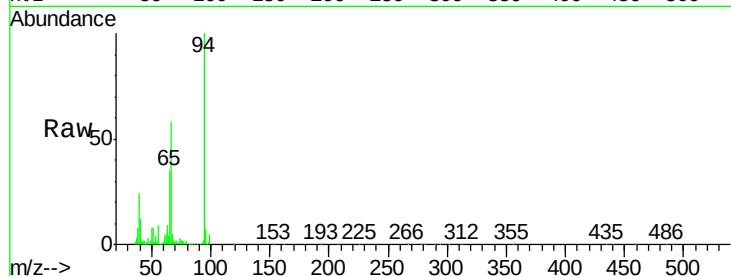
Tot Ion: 94 Resp: 264687

Ion Ratio Lower Upper

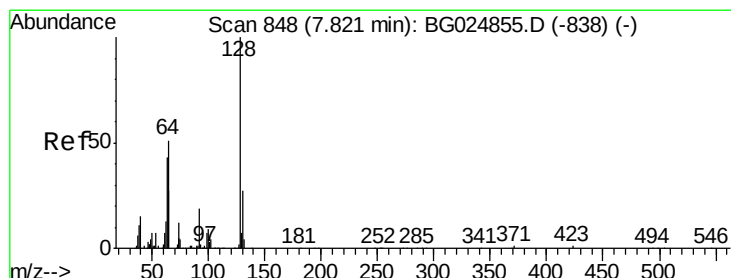
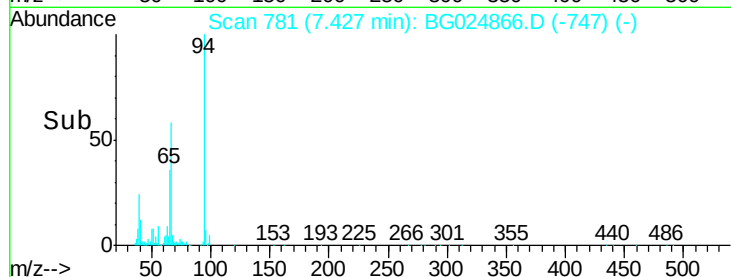
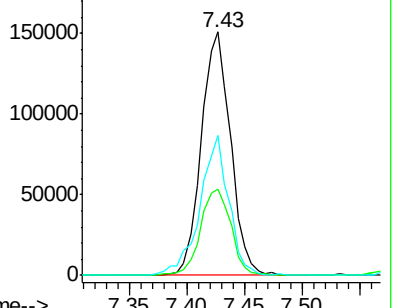
94 100

65 35.4 26.8 40.2

66 57.7 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: 23.14 ng/ul

RT: 7.82 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG024866.D

Acq: 21 Nov 2016 19:47

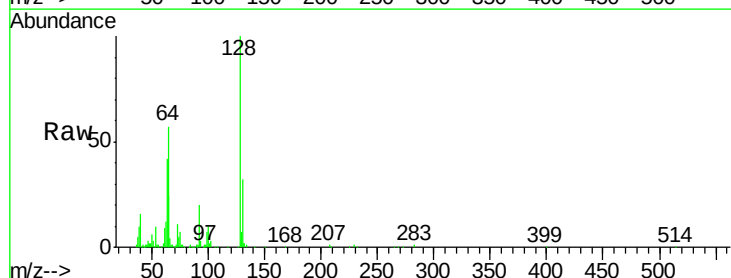
Tgt Ion: 128 Resp: 163351

Ion Ratio Lower Upper

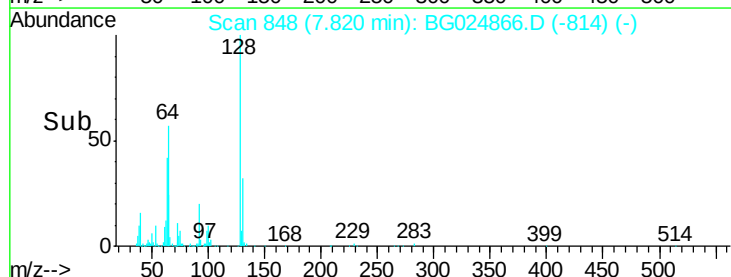
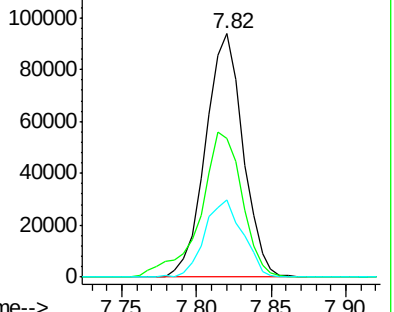
128 100

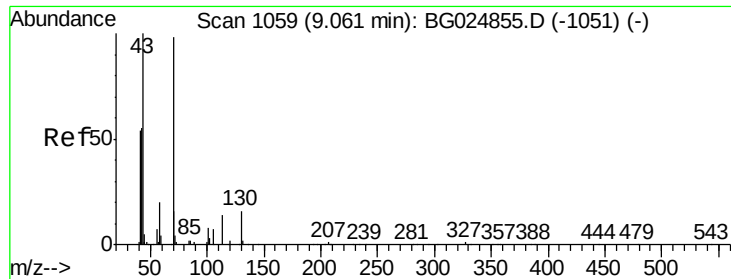
64 57.1 56.3 84.5

130 32.0 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

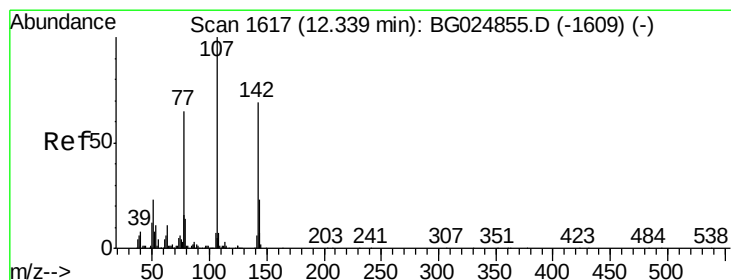
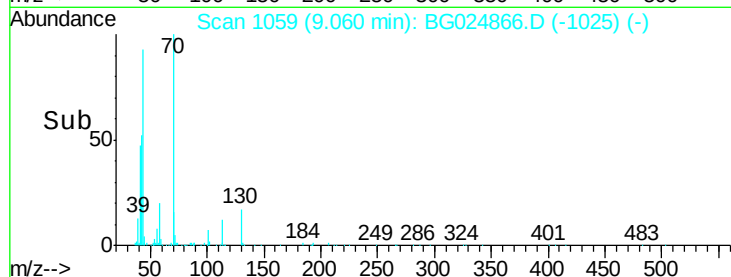
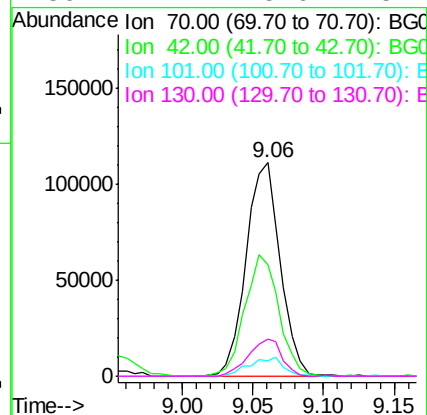
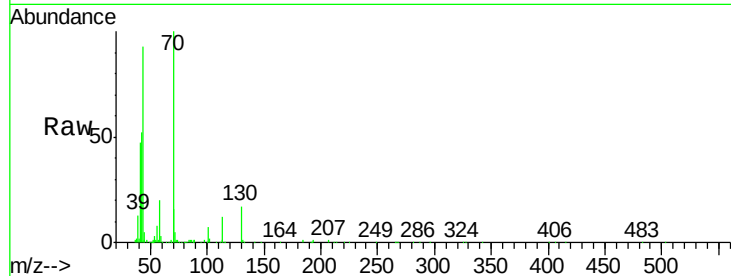




#15
N-Nitroso-di-n-propylamine
Concen: 25.76 ng/ul
RT: 9.06 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BG024866.D
Acq: 21 Nov 2016 19:47

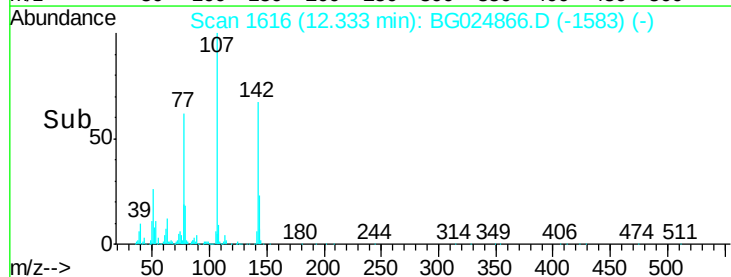
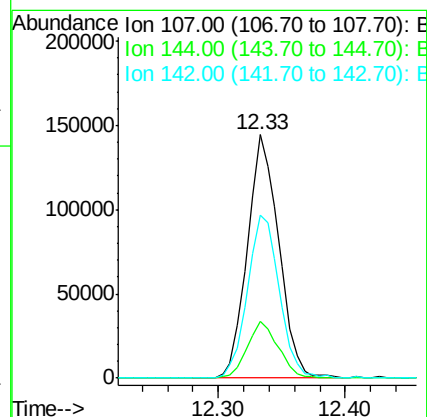
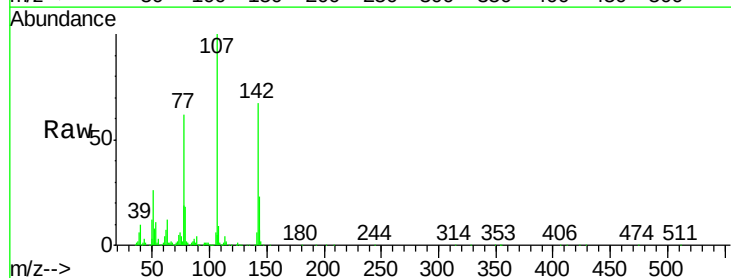
Instrument :
BNA_G
ClientSampleId :
JHSR7MSD

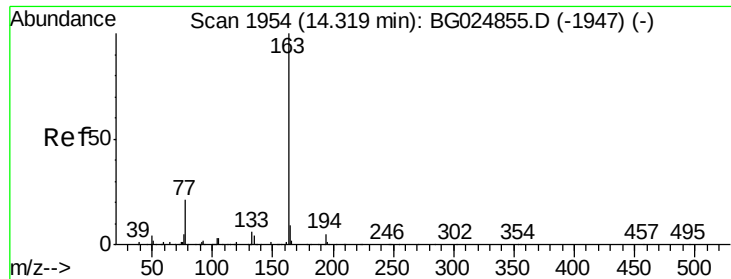
Tot Ion: 70 Resp: 188415
Ion Ratio Lower Upper
70 100
42 52.2 59.0 88.6#
101 7.1 6.6 9.8
130 17.2 15.6 23.4



#33
4-Chloro-3-methylphenol
Concen: 22.58 ng/ul
RT: 12.33 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG024866.D
Acq: 21 Nov 2016 19:47

Tgt Ion:107 Resp: 248654
Ion Ratio Lower Upper
107 100
144 23.0 18.2 27.4
142 66.7 55.0 82.4





#44

Dimethylphthalate

Concen: 3.49 ng/ul

RT: 14.31 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG024866.D

Acq: 21 Nov 2016 19:47

Instrument :

BNA_G

ClientSampleId :

JHSR7MSD

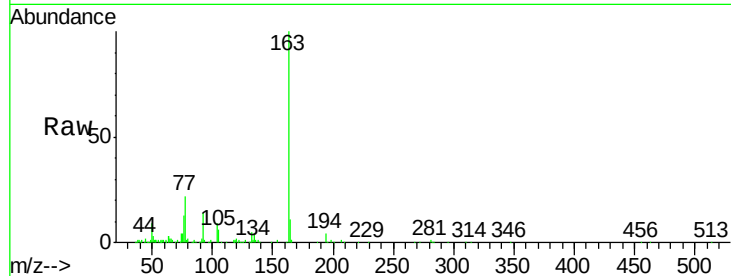
Tot Ion:163 Resp: 112902

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

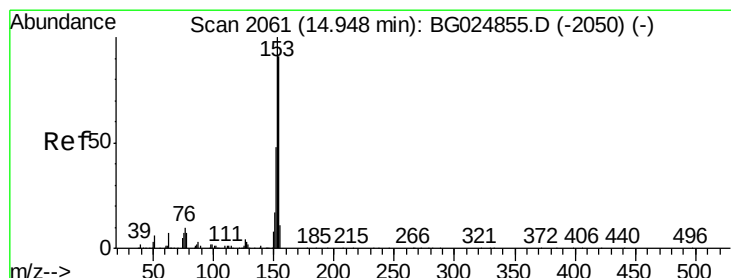
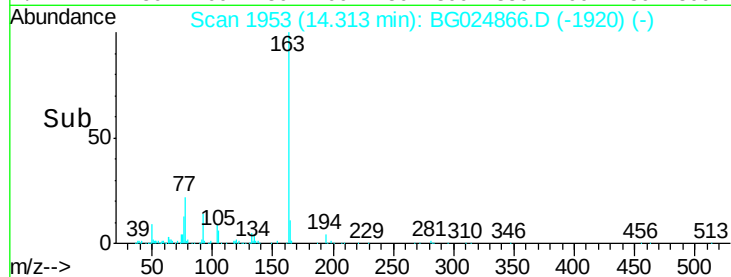
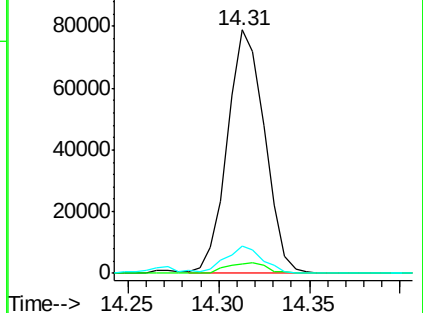
164 11.2 9.0 13.4



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: 21.85 ng/ul

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG024866.D

Acq: 21 Nov 2016 19:47

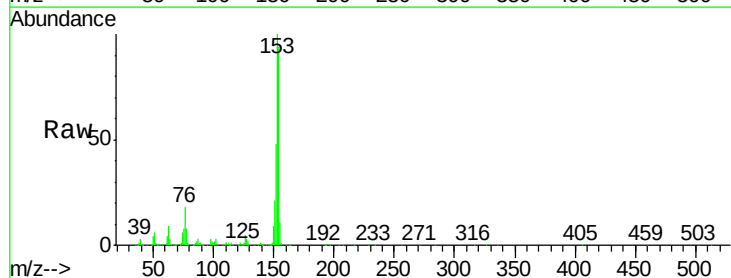
Tgt Ion:153 Resp: 550970

Ion Ratio Lower Upper

153 100

152 47.9 36.5 54.7

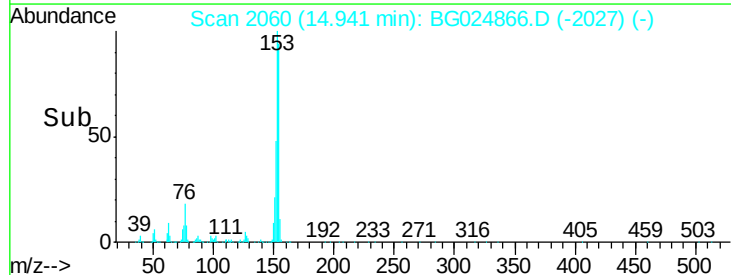
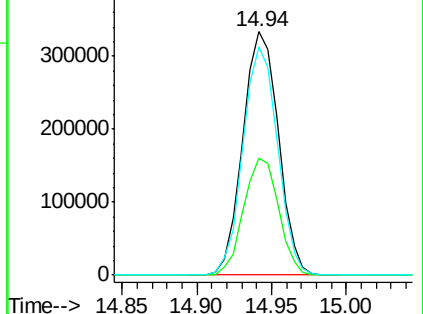
154 93.6 72.3 108.5

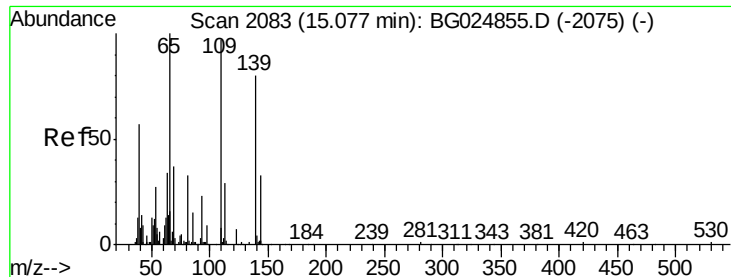


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.56 ng/ul

RT: 15.07 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG024866.D

Acq: 21 Nov 2016 19:47

Instrument :

BNA_G

ClientSampleId :

JHSR7MSD

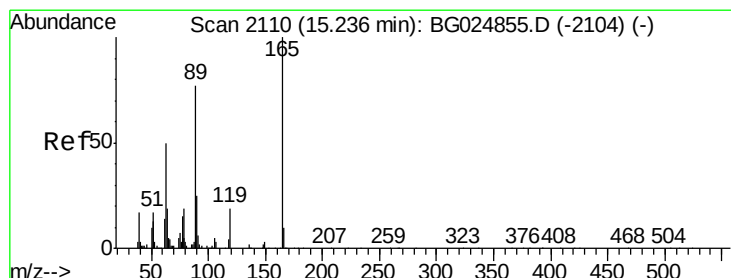
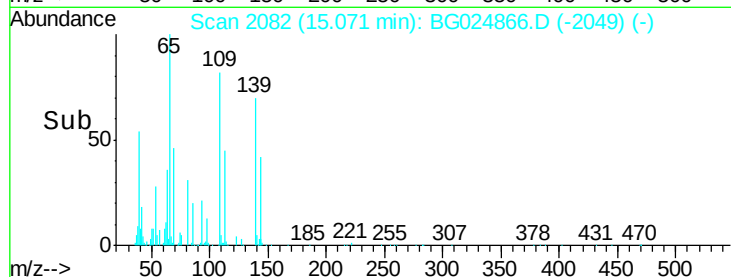
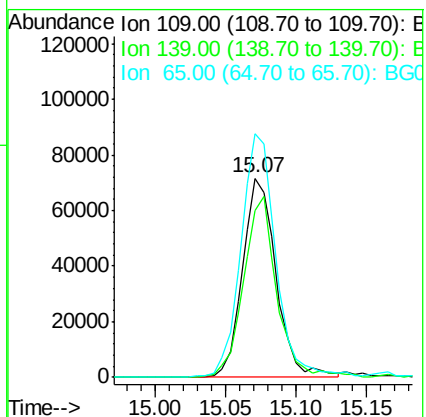
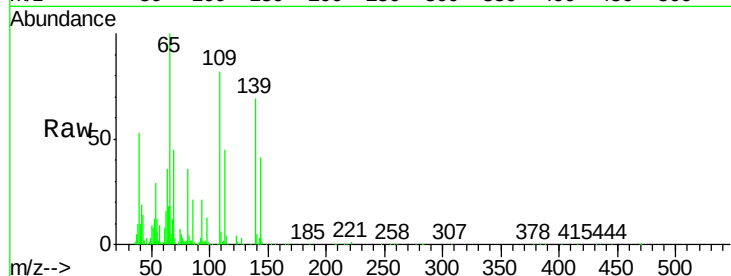
Tot Ion:109 Resp: 119122

Ion Ratio Lower Upper

109 100

139 83.8 62.6 93.8

65 122.2 90.4 135.6



#54

2,4-Dinitrotoluene

Concen: 21.41 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG024866.D

Acq: 21 Nov 2016 19:47

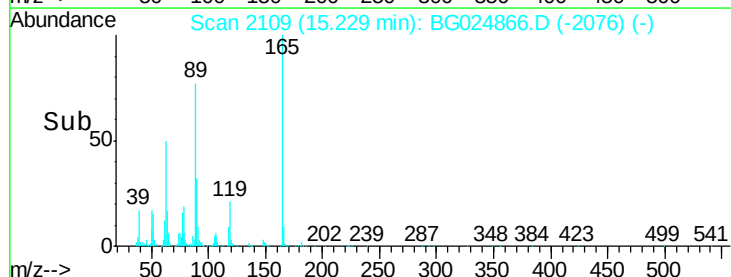
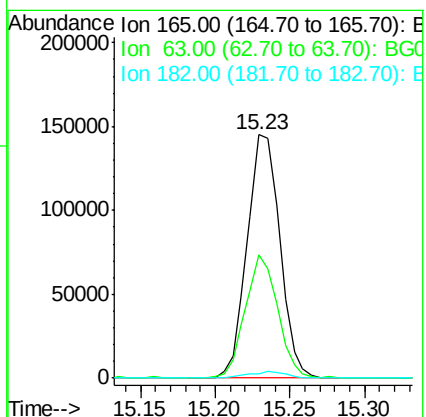
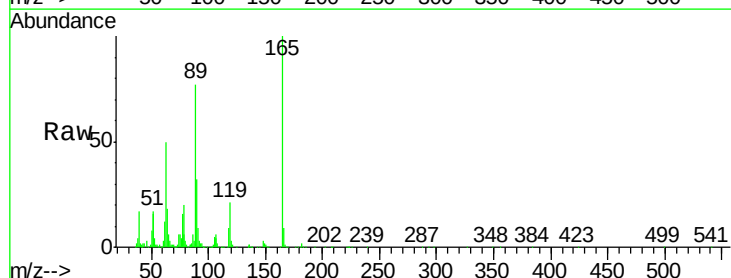
Tgt Ion:165 Resp: 220433

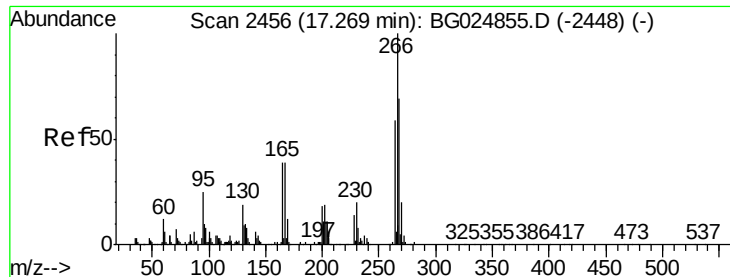
Ion Ratio Lower Upper

165 100

63 50.4 46.8 70.2

182 1.6 1.8 2.6#





#68

Pentachlorophenol

Concen: 19.77 ng/ul

RT: 17.26 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG024866.D

Acq: 21 Nov 2016 19:47

Instrument :

BNA_G

ClientSampleId :

JHSR7MSD

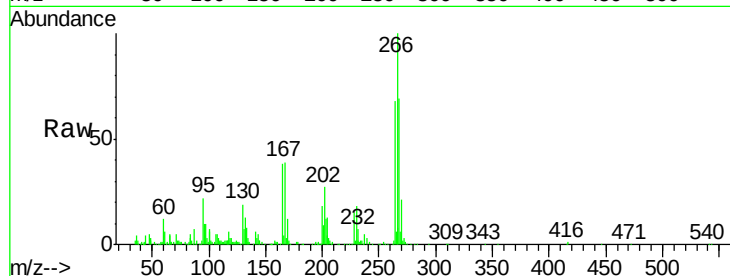
Tot Ion:266 Resp: 150502

Ion Ratio Lower Upper

266 100

264 68.4 47.1 70.7

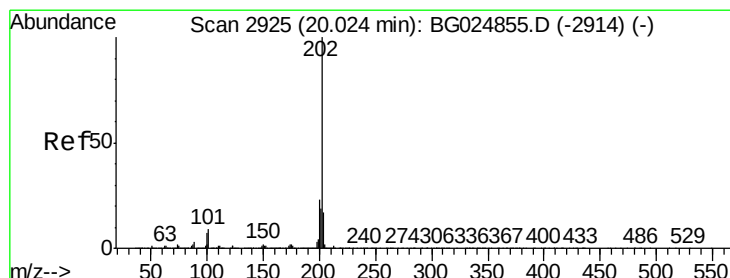
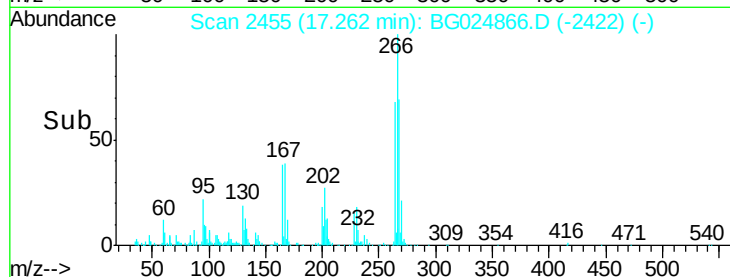
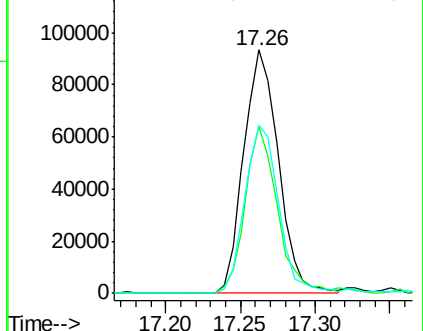
268 69.3 56.2 84.4



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: 23.81 ng/ul

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024866.D

Acq: 21 Nov 2016 19:47

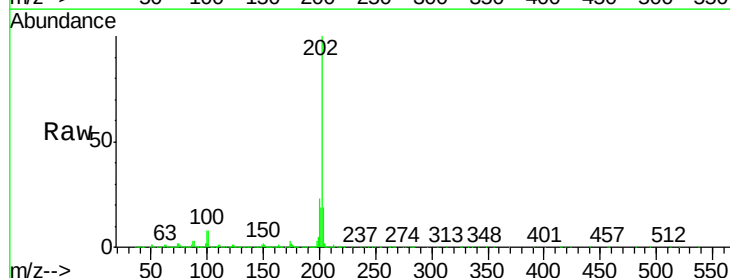
Tgt Ion:202 Resp: 1378423

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

100 7.5 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

