

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112116\
 Data File : BG024865.D
 Acq On : 21 Nov 2016 19:08
 Operator : UM/SJ
 Sample : H5694-09MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSR7MS

Quant Time: Nov 22 01:05:15 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	110723	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	504252	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	427407	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	808653	20.00	ng/ul	0.10
75) Chrysene-d12	21.92	240	1048915	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1099830	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	8566	4.01	ng/uL	0.00
5) Phenol-d5	7.40	99	178824	18.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	119152	19.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	135279	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	159218	19.99	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	74579	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	88309	19.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	171894	18.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	135193	13.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	588116	18.87	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	706900	20.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	76846	13.86	ng/ul	0.00
57) Fluorene-d10	15.86	176	562481	19.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	207	0.04	ng/ul	0.09
70) Anthracene-d10	17.72	188	808952	22.65	ng/ul	0.00
76) Pyrene-d10	19.99	212	976310	21.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1014083	21.06	ng/ul	-0.01

Target Compounds

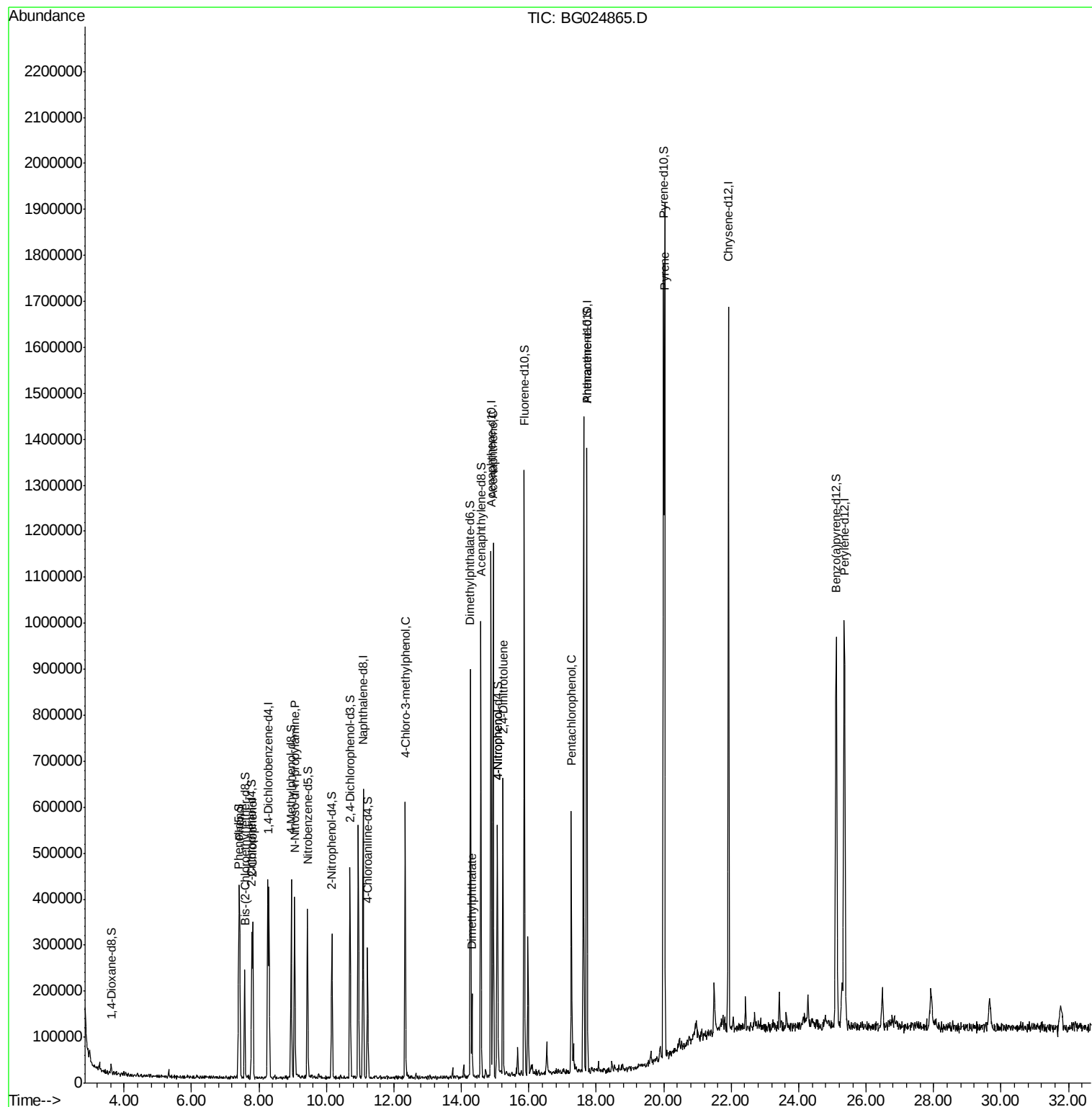
					Qvalue
6) Phenol	7.43	94	212283	21.42 ng/ul	92
10) 2-Chlorophenol	7.82	128	131282	19.95 ng/ul#	82
15) N-Nitroso-di-n-propylamine	9.06	70	144009	21.13 ng/ul#	94
33) 4-Chloro-3-methylphenol	12.33	107	217312	20.64 ng/ul	97
44) Dimethylphthalate	14.31	163	108185	3.62 ng/ul#	93
49) Acenaphthene	14.94	153	489093	21.02 ng/ul	99
52) 4-Nitrophenol	15.07	109	94198	14.19 ng/ul	95
54) 2,4-Dinitrotoluene	15.23	165	181047	19.05 ng/ul#	92
68) Pentachlorophenol	17.26	266	120267	18.72 ng/ul	90
77) Pyrene	20.02	202	1189057	23.06 ng/ul	97

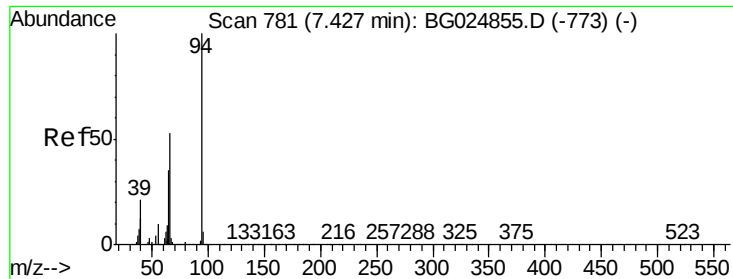
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 21.42 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024865.D

Acq: 21 Nov 2016 19:08

Instrument :

BNA_G

ClientSampleId :

JHSR7MS

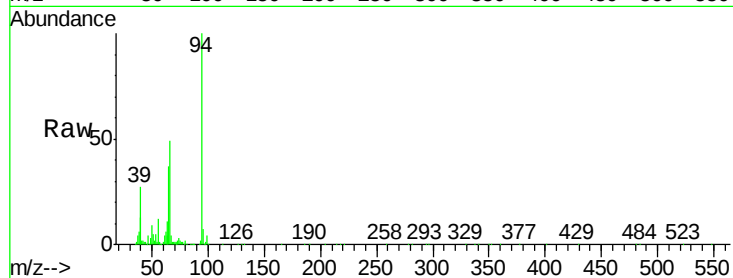
Tgt Ion: 94 Resp: 212283

Ion Ratio Lower Upper

94 100

65 37.3 26.8 40.2

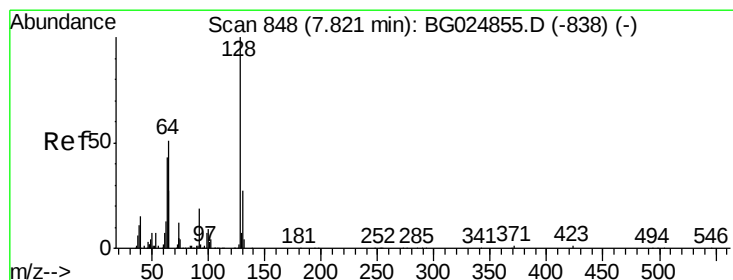
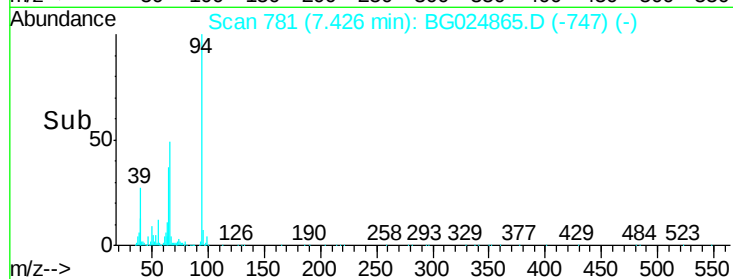
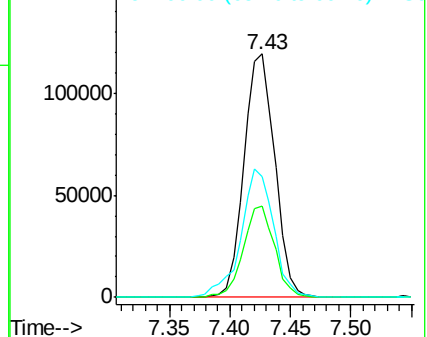
66 49.5 44.4 66.6



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: 19.95 ng/ul

RT: 7.82 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG024865.D

Acq: 21 Nov 2016 19:08

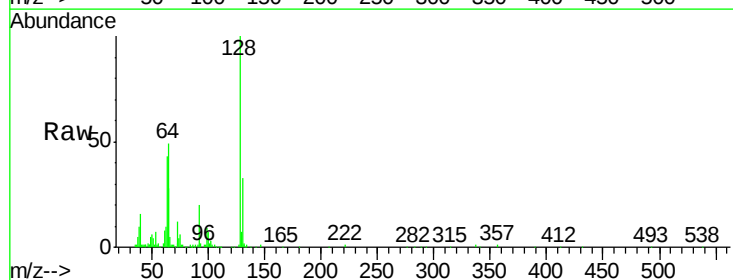
Tgt Ion: 128 Resp: 131282

Ion Ratio Lower Upper

128 100

64 49.0 56.3 84.5#

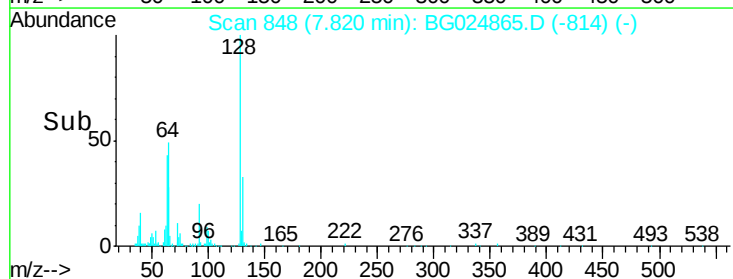
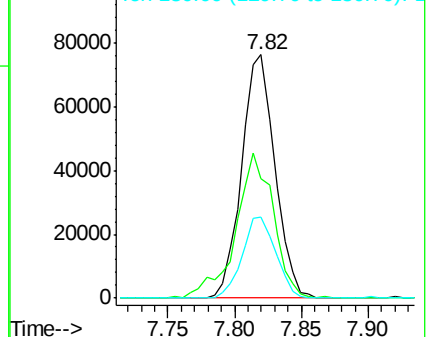
130 33.1 26.7 40.1

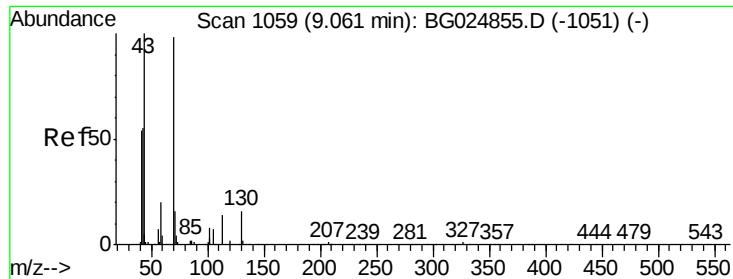


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E

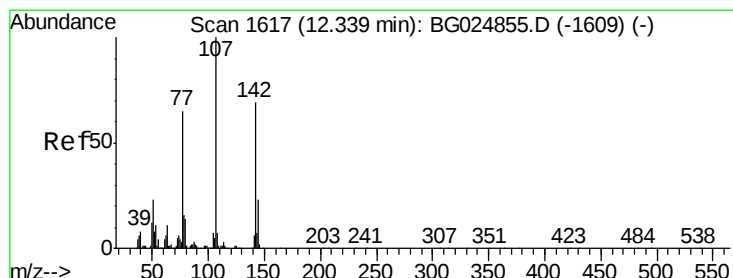
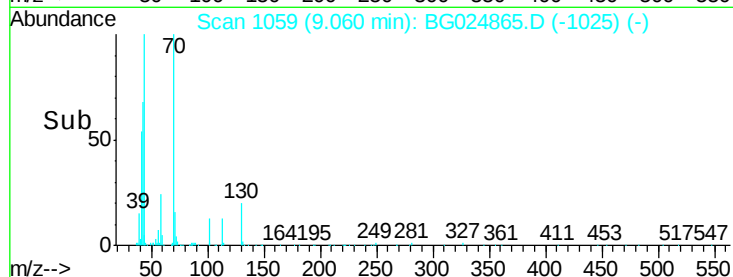
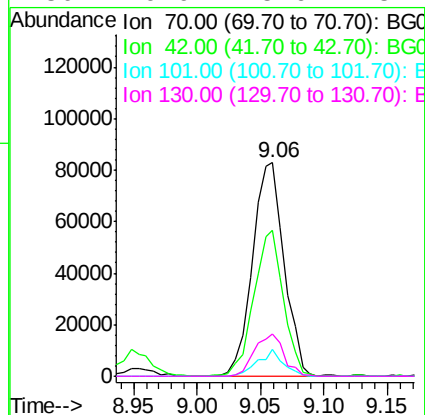
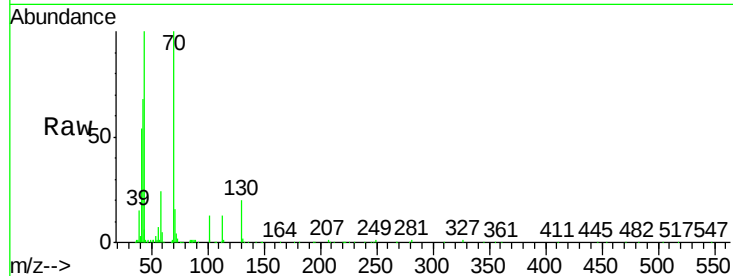




#15
N-Nitroso-di-n-propylamine
Concen: 21.13 ng/ul
RT: 9.06 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BG024865.D
Acq: 21 Nov 2016 19:08

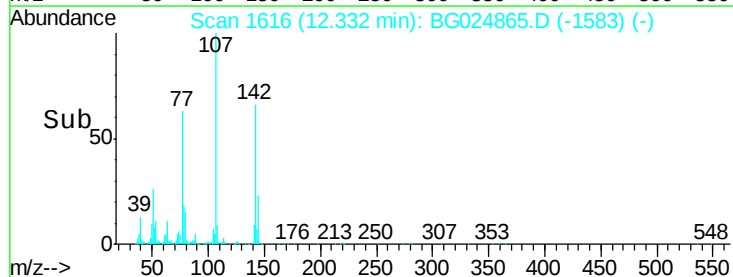
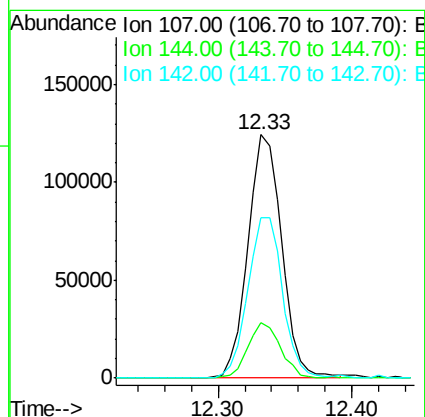
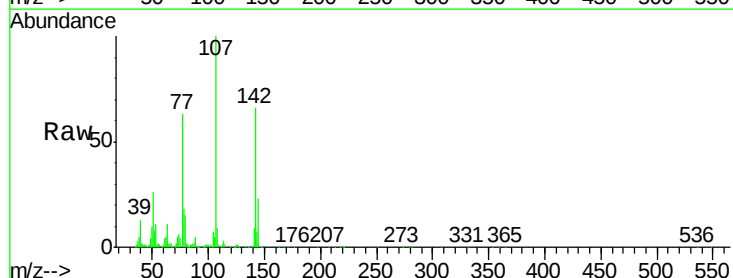
Instrument :
BNA_G
ClientSampleId :
JHSR7MS

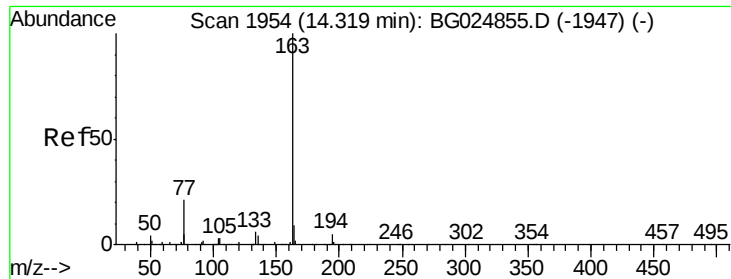
Tgt Ion:	70	Resp:	144009
Ion	Ratio	Lower	Upper
70	100		
42	68.1	59.0	88.6
101	12.6	6.6	9.8#
130	19.9	15.6	23.4



#33
4-Chloro-3-methylphenol
Concen: 20.64 ng/ul
RT: 12.33 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG024865.D
Acq: 21 Nov 2016 19:08

Tgt Ion:	107	Resp:	217312
Ion	Ratio	Lower	Upper
107	100		
144	22.7	18.2	27.4
142	65.7	55.0	82.4





#44

Dimethylphthalate

Concen: 3.62 ng/ul

RT: 14.31 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG024865.D

Acq: 21 Nov 2016 19:08

Instrument :

BNA_G

ClientSampleId :

JHSR7MS

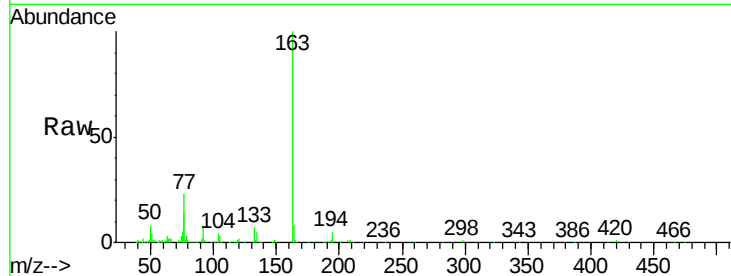
Tgt Ion:163 Resp: 108185

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

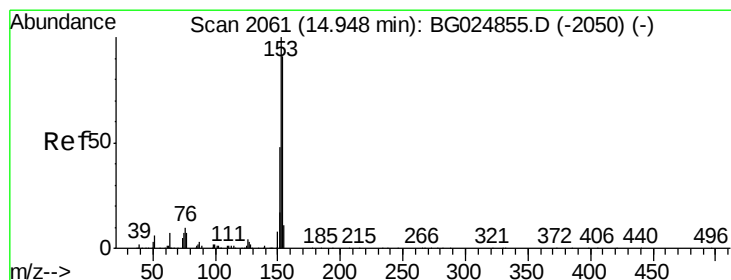
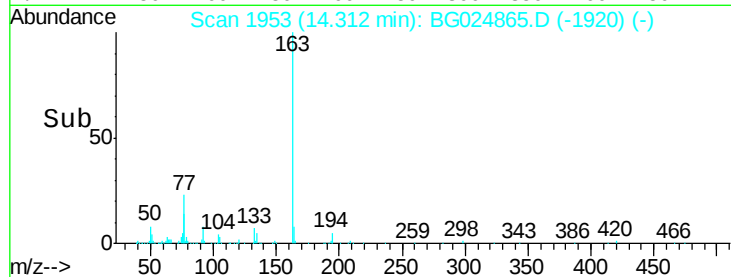
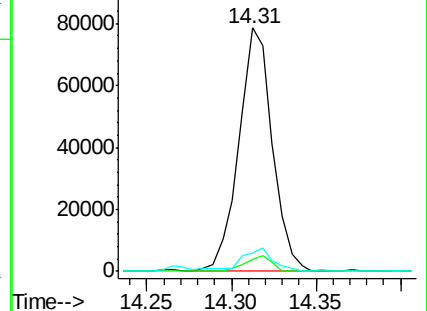
164 7.8 9.0 13.4#



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: 21.02 ng/ul

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG024865.D

Acq: 21 Nov 2016 19:08

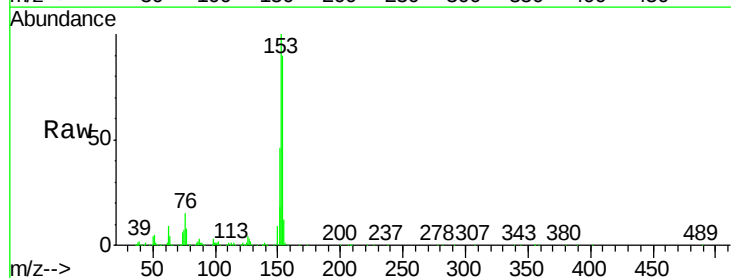
Tgt Ion:153 Resp: 489093

Ion Ratio Lower Upper

153 100

152 46.2 36.5 54.7

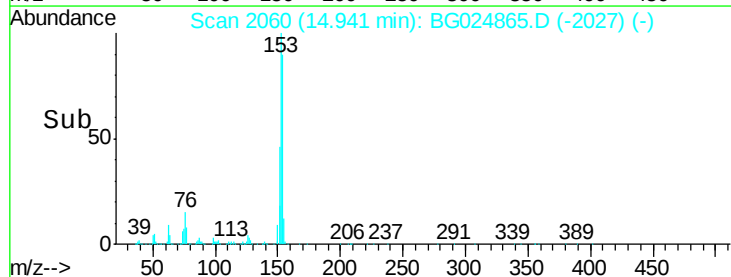
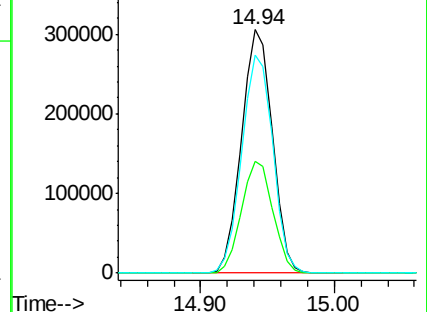
154 89.7 72.3 108.5

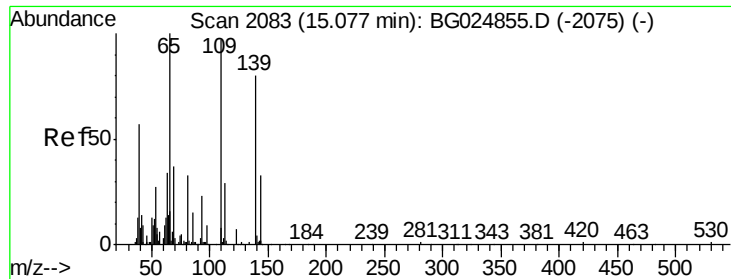


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 14.19 ng/ul

RT: 15.07 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG024865.D

Acq: 21 Nov 2016 19:08

Instrument :

BNA_G

ClientSampleId :

JHSR7MS

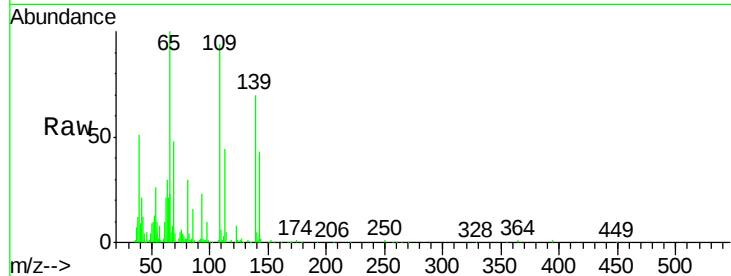
Tgt Ion:109 Resp: 94198

Ion Ratio Lower Upper

109 100

139 74.9 62.6 93.8

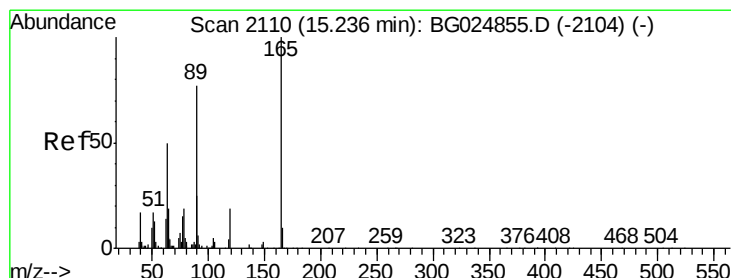
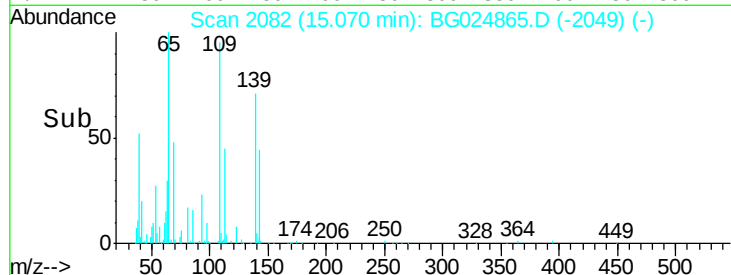
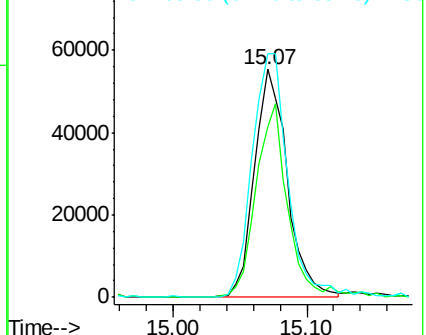
65 106.8 90.4 135.6



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: 19.05 ng/ul

RT: 15.23 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG024865.D

Acq: 21 Nov 2016 19:08

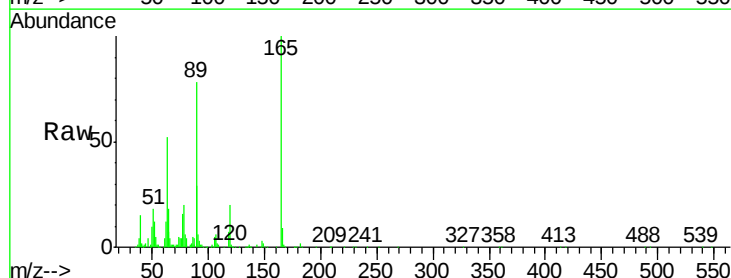
Tgt Ion:165 Resp: 181047

Ion Ratio Lower Upper

165 100

63 52.1 46.8 70.2

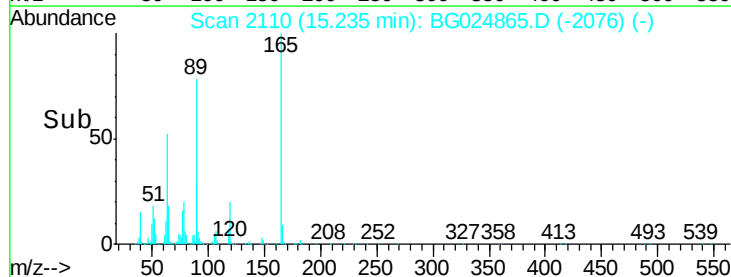
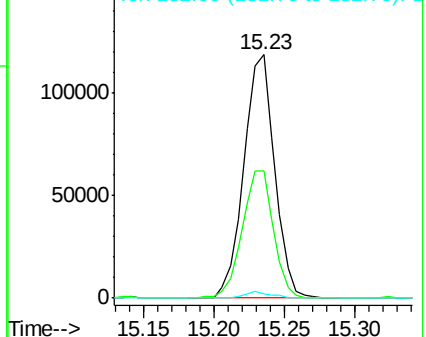
182 1.7 1.8 2.6#

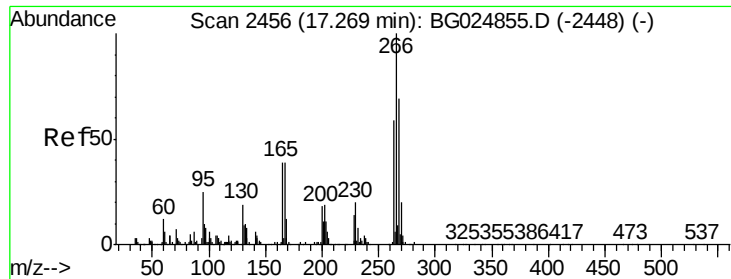


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 18.72 ng/ul

RT: 17.26 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG024865.D

Acq: 21 Nov 2016 19:08

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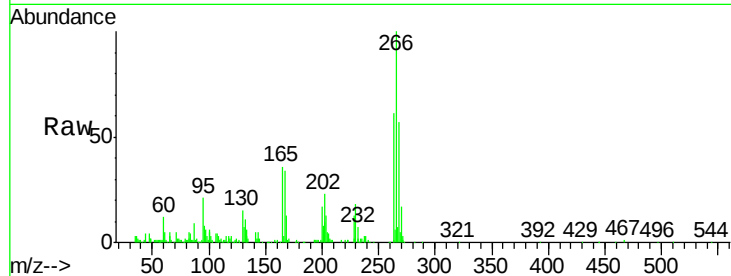
Tgt Ion:266 Resp: 120267

Ion Ratio Lower Upper

266 100

264 60.8 47.1 70.7

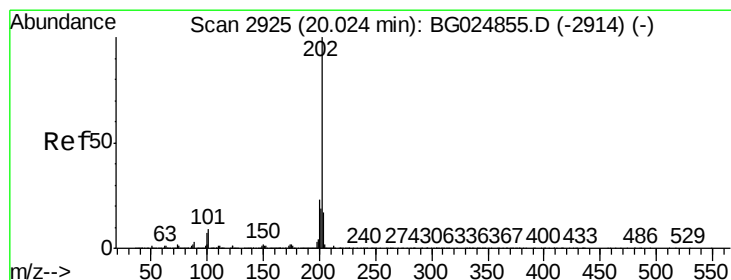
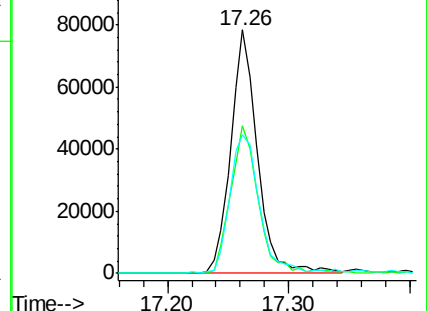
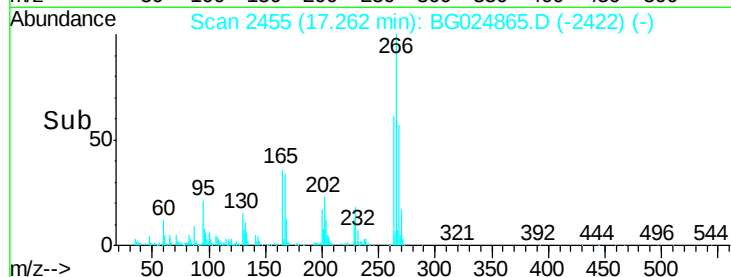
268 56.8 56.2 84.4



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: 23.06 ng/ul

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024865.D

Acq: 21 Nov 2016 19:08

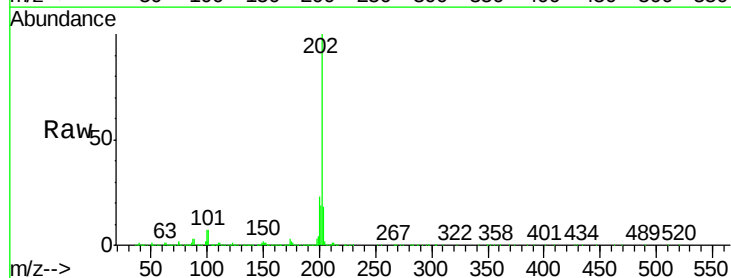
Tgt Ion:202 Resp: 1189057

Ion Ratio Lower Upper

202 100

101 7.3 6.9 10.3

100 7.4 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

