

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
 Data File : BG024835.D
 Acq On : 18 Nov 2016 21:40
 Operator : UM/SJ
 Sample : H5699-13MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WD6MSD

Quant Time: Nov 19 00:10:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 19 00:07:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	117168	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	523595	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	446411	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	926688	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1166553	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1230513	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.63	96	2936	1.30	ng/uL	0.01
5) Phenol-d5	7.40	99	55631	5.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	153907	24.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	144737	20.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	110787	13.14	ng/ul	-0.01
19) Nitrobenzene-d5	9.44	128	95453	24.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	113497	23.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	214028	22.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	2977	0.28	ng/ul	-0.01
43) Dimethylphthalate-d6	14.27	166	864994	26.57	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	914671	25.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	33502	5.78	ng/ul	0.00
57) Fluorene-d10	15.86	176	788550	25.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	507	0.08	ng/ul	0.07
70) Anthracene-d10	17.71	188	1254066	30.64	ng/ul	0.00
76) Pyrene-d10	19.99	212	1510056	29.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1615416	29.99	ng/ul	0.00

Target Compounds

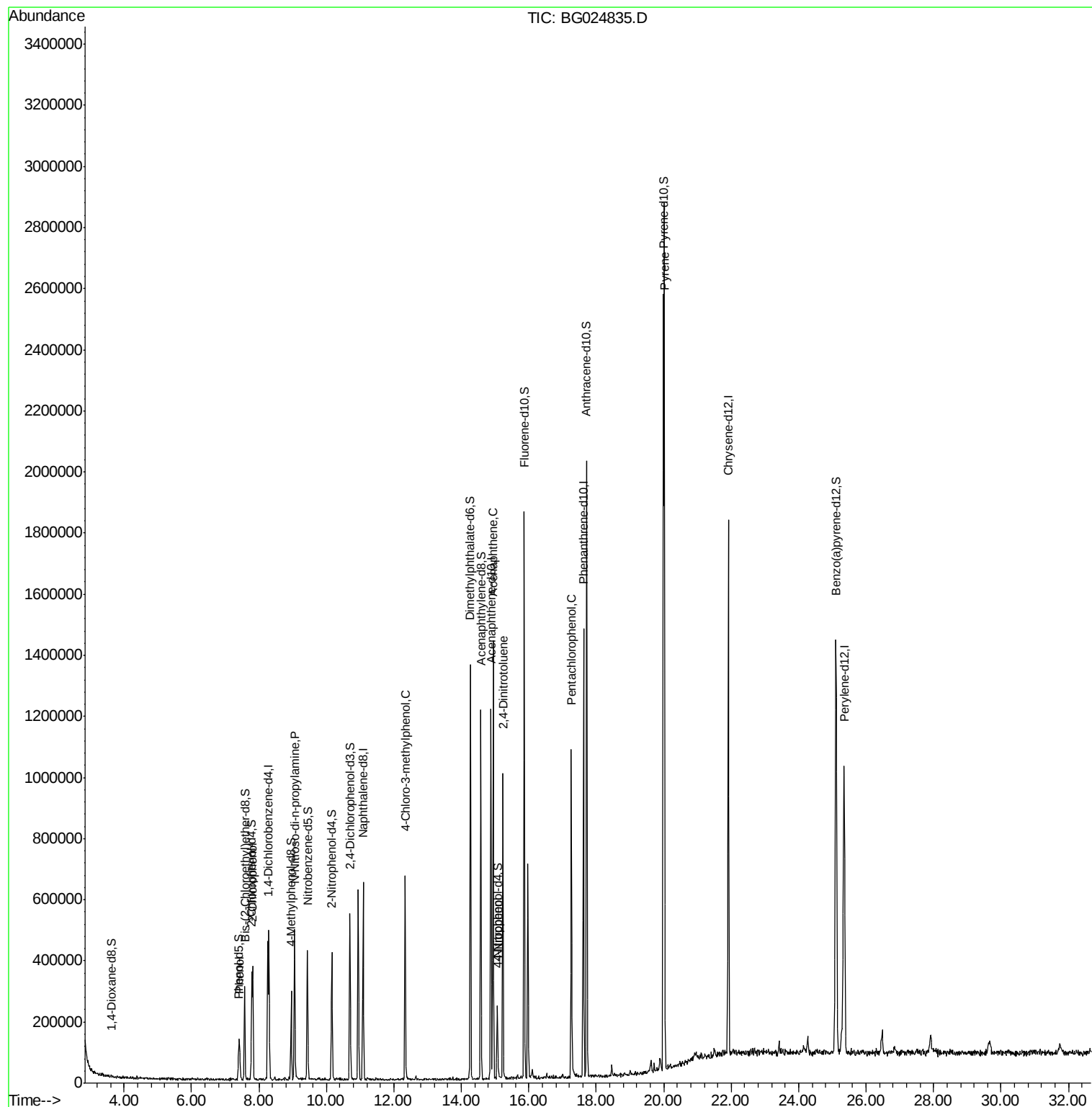
						Qvalue
6) Phenol	7.42	94	64138	6.12	ng/ul#	86
10) 2-Chlorophenol	7.81	128	137207	19.71	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.05	70	177916	24.67	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.33	107	238550	21.82	ng/ul	97
49) Acenaphthene	14.94	153	589970	24.27	ng/ul	97
52) 4-Nitrophenol	15.08	109	40303	5.81	ng/ul	95
54) 2,4-Dinitrotoluene	15.23	165	279662	28.17	ng/ul#	94
68) Pentachlorophenol	17.26	266	224721	30.52	ng/ul	95
77) Pyrene	20.02	202	1730222	30.18	ng/ul	99

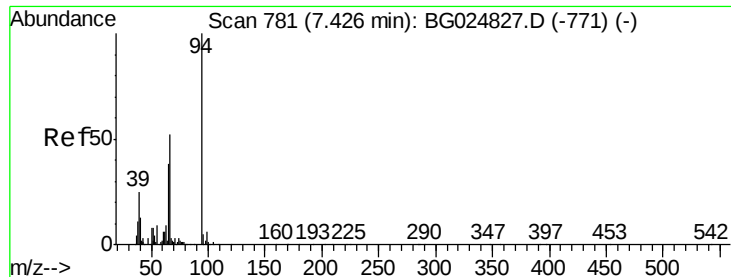
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.12 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG024835.D

Acq: 18 Nov 2016 21:40

Instrument :

BNA_G

ClientSampleId :

A4WD6MSD

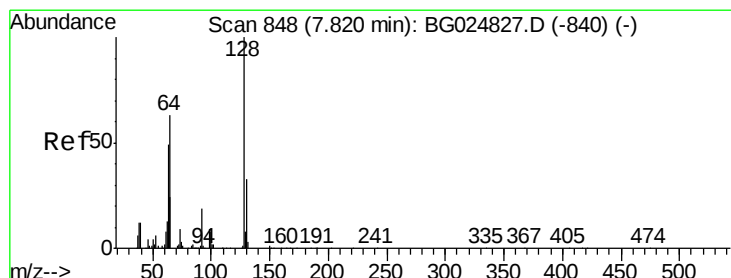
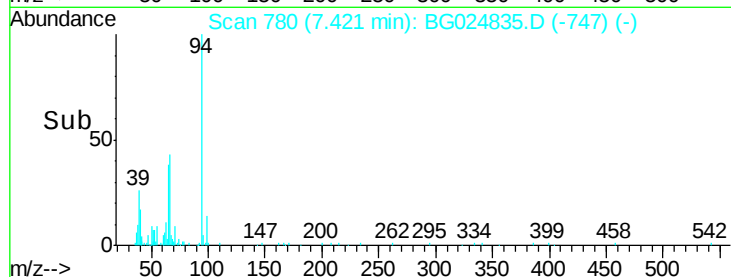
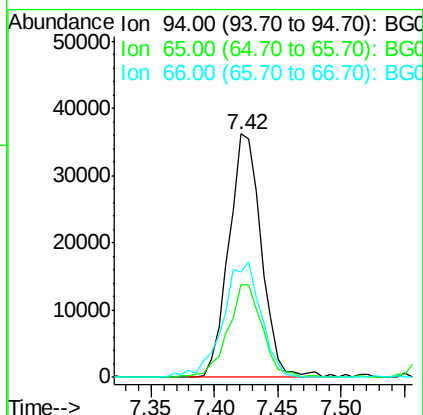
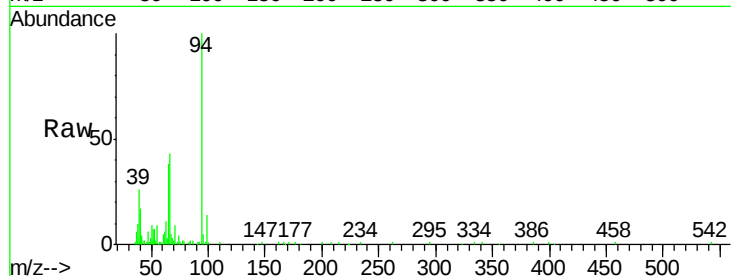
Tgt Ion: 94 Resp: 64138

Ion Ratio Lower Upper

94 100

65 38.0 26.8 40.2

66 43.1 44.4 66.6#



#10

2-Chlorophenol

Concen: 19.71 ng/ul

RT: 7.81 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG024835.D

Acq: 18 Nov 2016 21:40

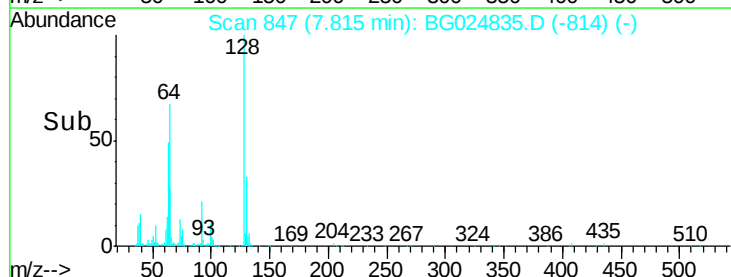
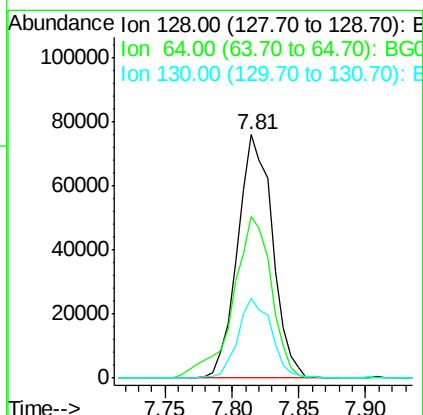
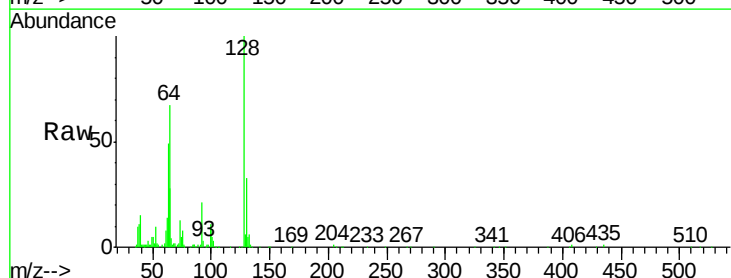
Tgt Ion: 128 Resp: 137207

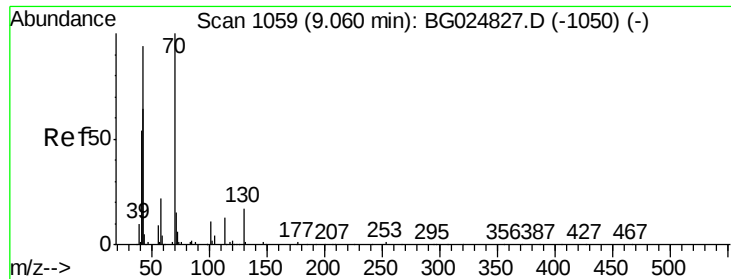
Ion Ratio Lower Upper

128 100

64 66.6 56.3 84.5

130 32.8 26.7 40.1

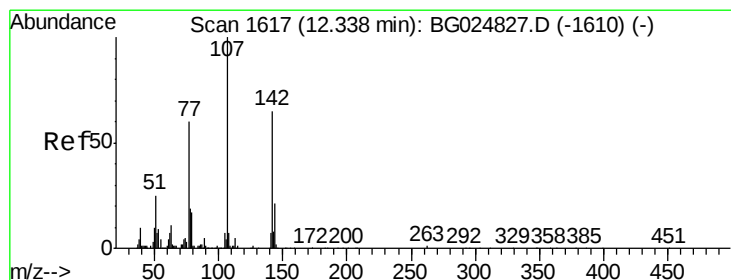
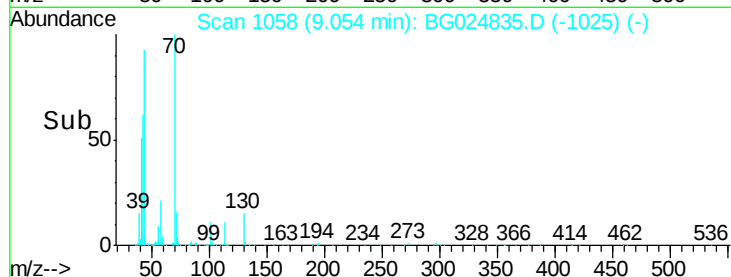
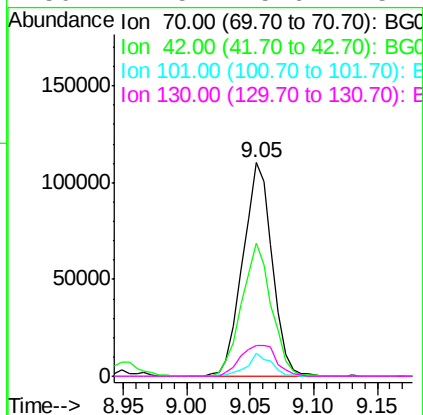
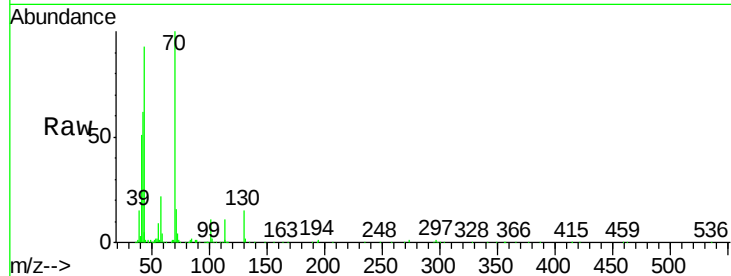




#15
N-Nitroso-di-n-propylamine
Concen: 24.67 ng/ul
RT: 9.05 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BG024835.D
Acq: 18 Nov 2016 21:40

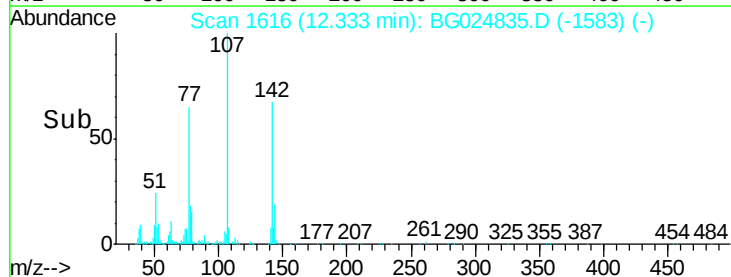
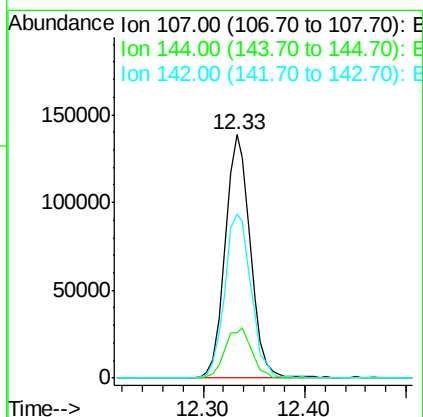
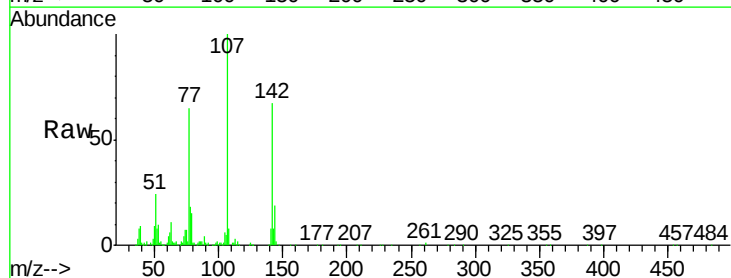
Instrument :
BNA_G
ClientSampleId :
A4WD6MSD

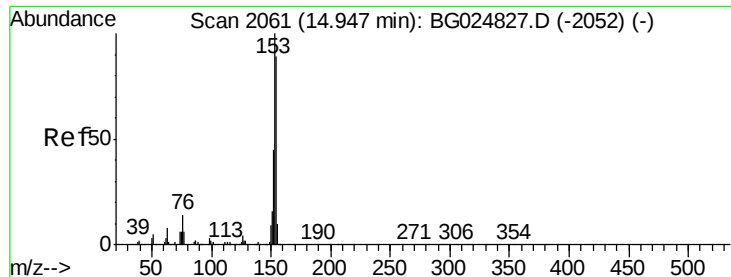
Tgt Ion: 70 Resp: 177916
Ion Ratio Lower Upper
70 100
42 62.5 59.0 88.6
101 10.9 6.6 9.8#
130 14.5 15.6 23.4#



#33
4-Chloro-3-methylphenol
Concen: 21.82 ng/ul
RT: 12.33 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG024835.D
Acq: 18 Nov 2016 21:40

Tgt Ion: 107 Resp: 238550
Ion Ratio Lower Upper
107 100
144 18.6 18.2 27.4
142 67.3 55.0 82.4





#49

Acenaphthene

Concen: 24.27 ng/ul

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG024835.D

Acq: 18 Nov 2016 21:40

Instrument :

BNA_G

ClientSampleId :

A4WD6MSD

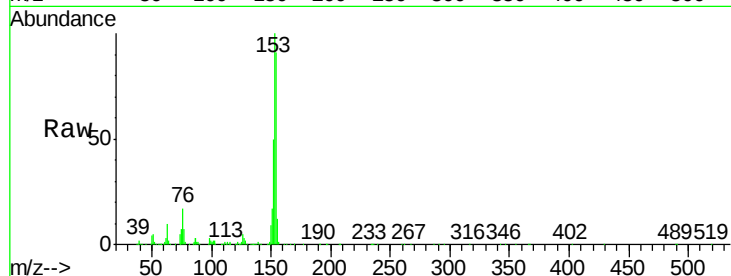
Tgt Ion:153 Resp: 589970

Ion Ratio Lower Upper

153 100

152 50.3 36.5 54.7

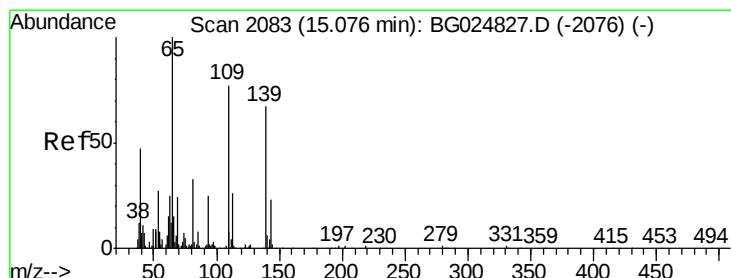
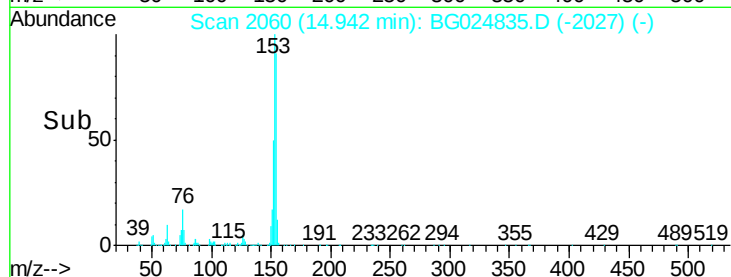
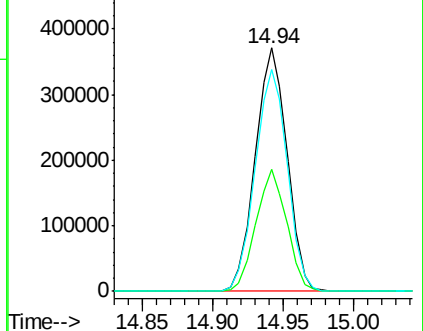
154 91.4 72.3 108.5



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: 5.81 ng/ul

RT: 15.08 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BG024835.D

Acq: 18 Nov 2016 21:40

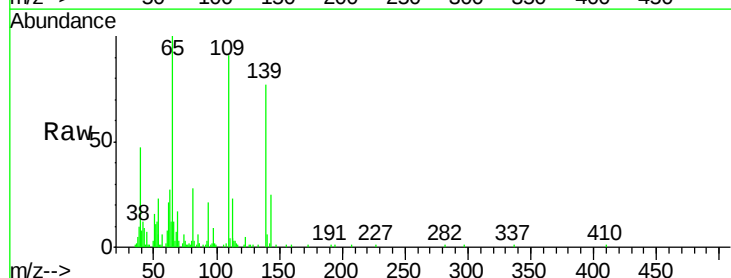
Tgt Ion:109 Resp: 40303

Ion Ratio Lower Upper

109 100

139 83.8 62.6 93.8

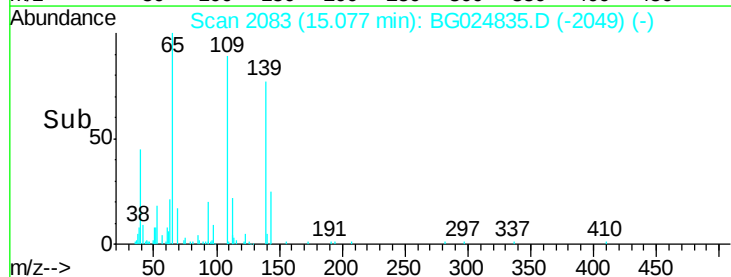
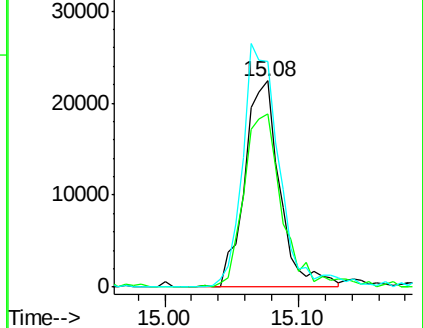
65 109.4 90.4 135.6

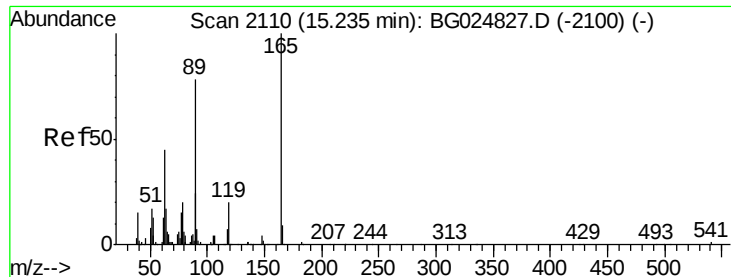


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#54

2,4-Dinitrotoluene

Concen: 28.17 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG024835.D

Acq: 18 Nov 2016 21:40

Instrument :

BNA_G

ClientSampleId :

A4WD6MSD

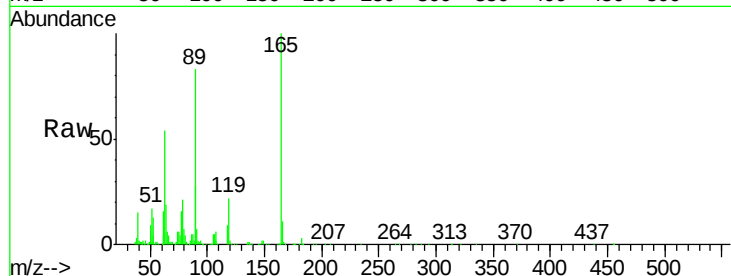
Tgt Ion:165 Resp: 279662

Ion Ratio Lower Upper

165 100

63 54.1 46.8 70.2

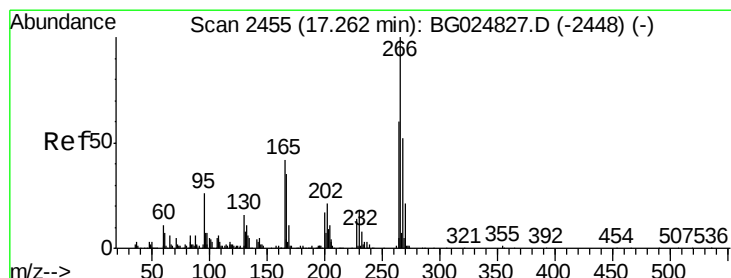
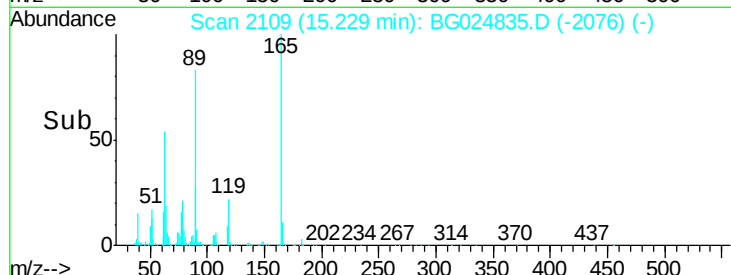
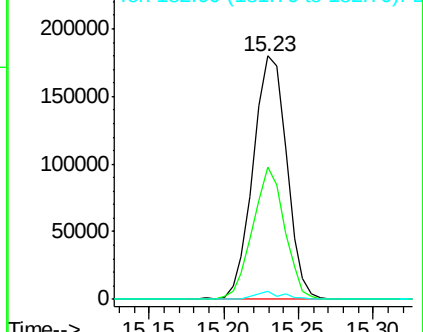
182 3.2 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG024835.D (-2076) (-)

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 30.52 ng/ul

RT: 17.26 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BG024835.D

Acq: 18 Nov 2016 21:40

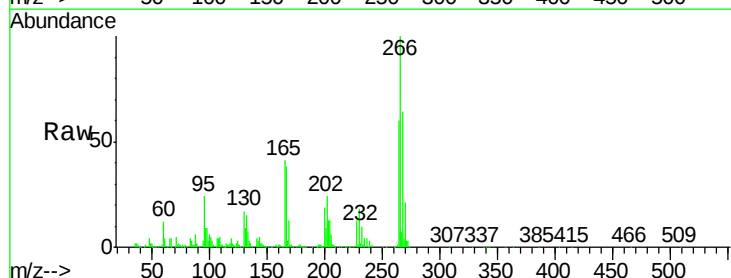
Tgt Ion:266 Resp: 224721

Ion Ratio Lower Upper

266 100

264 60.3 47.1 70.7

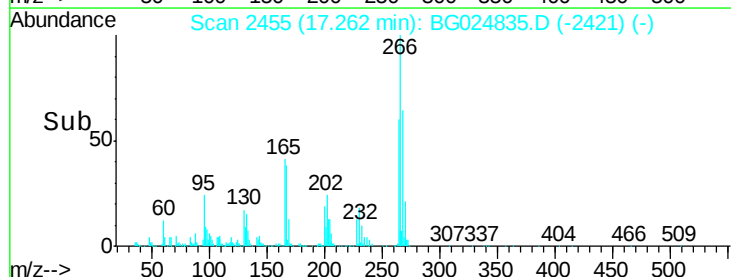
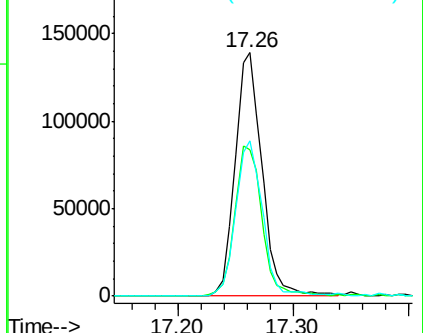
268 63.9 56.2 84.4

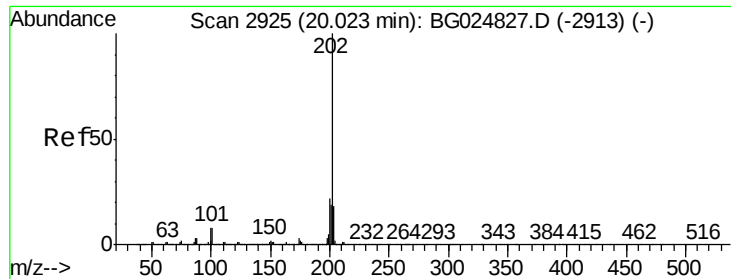


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#77

Pyrene

Concen: 30.18 ng/ul

RT: 20.02 min Scan# 2924

Delta R.T. -0.01 min

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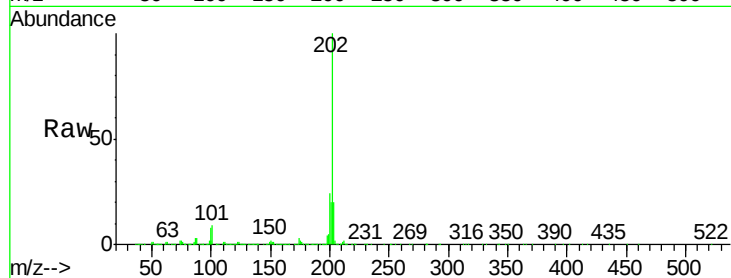
Tgt Ion: 202 Resp: 1730222

Ion Ratio Lower Upper

202 100

101 9.1 6.9 10.3

100 8.0 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

