

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020116\
 Data File : BG020781.D
 Acq On : 1 Feb 2016 21:52
 Operator : SJ/IZ
 Sample : H1256-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP28

Quant Time: Feb 02 02:46:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 02 02:40:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18600	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	95675	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	59896	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	130788	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	121235	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	105316	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.42	99	245003	128.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	6141	6.19	ng/ul	-0.15
9) 2-Chlorophenol-d4	7.80	132	190967	133.59	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	9.45	128	61897	106.02	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.74	165	6843	4.90	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.86	176	260	0.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.99	200	307	0.71	ng/ul	0.02
71) Anthracene-d10	17.72	188	1324	0.21	ng/ul	0.00
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	

Target Compounds

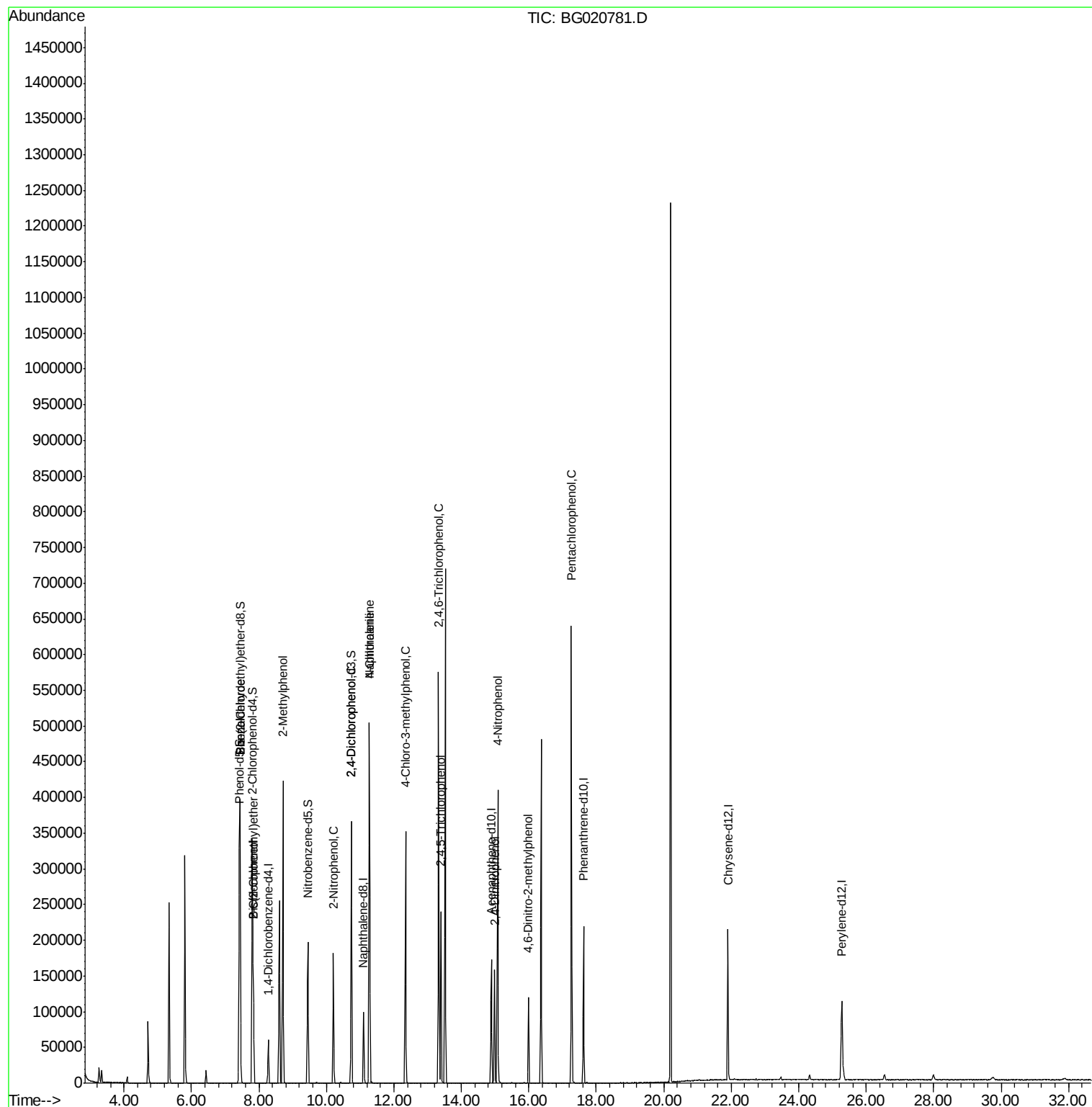
						Qvalue
4) Benzaldehyde	7.45	77	2408	2.25	ng/ul#	5
6) Phenol	7.45	94	260183	128.88	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.83	93	1694	1.12	ng/ul#	1
10) 2-Chlorophenol	7.84	128	86426	58.17	ng/ul#	90
11) 2-Methylphenol	8.71	108	168612	105.23	ng/ul	99
23) 2-Nitrophenol	10.21	139	76683	123.21	ng/ul#	77
27) 2,4-Dichlorophenol	10.74	162	154347	104.36	ng/ul	96
28) Naphthalene	11.28	128	13686	2.56	ng/ul#	74
30) 4-Chloroaniline	11.28	127	3599	1.72	ng/ul	90
33) 4-Chloro-3-methylphenol	12.35	107	137579	78.07	ng/ul	90
39) 2,4,6-Trichlorophenol	13.33	196	143060	127.86	ng/ul	98
40) 2,4,5-Trichlorophenol	13.39	196	63706	51.22	ng/ul	98
51) 2,4-Dinitrophenol	14.98	184	38228	121.47	ng/ul	93
53) 4-Nitrophenol	15.08	109	78283	155.09	ng/ul#	54
64) 4,6-Dinitro-2-methylphenol	15.99	198	28064	54.94	ng/ul	99
69) Pentachlorophenol	17.26	266	112130	125.80	ng/ul	97

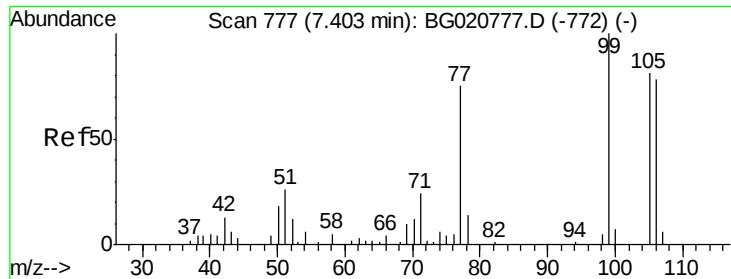
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 02 02:40:28 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.25 ng/ul

RT: 7.45 min Scan# 784

Delta R.T. 0.04 min

Lab File: BG020781.D

Acq: 1 Feb 2016 21:52

Instrument :

BNA_G

ClientSampleId :

DFTPP28

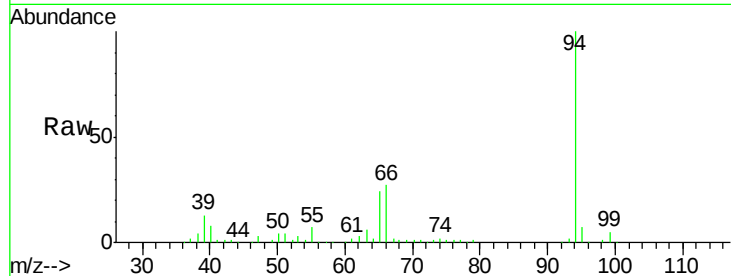
Tgt Ion: 77 Resp: 2408

Ion Ratio Lower Upper

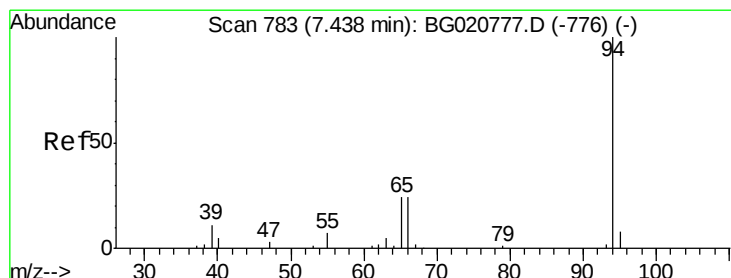
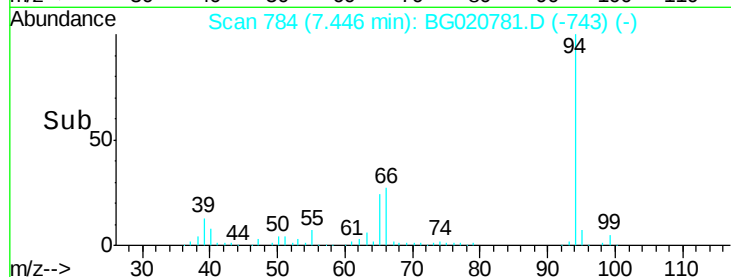
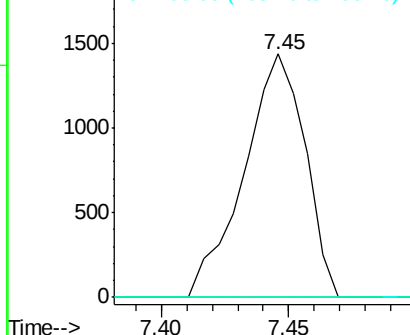
77 100

105 0.0 71.0 106.6#

106 0.0 69.5 104.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 128.88 ng/ul

RT: 7.45 min Scan# 784

Delta R.T. 0.01 min

Lab File: BG020781.D

Acq: 1 Feb 2016 21:52

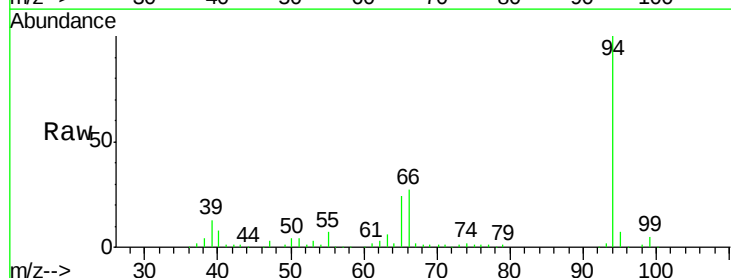
Tgt Ion: 94 Resp: 260183

Ion Ratio Lower Upper

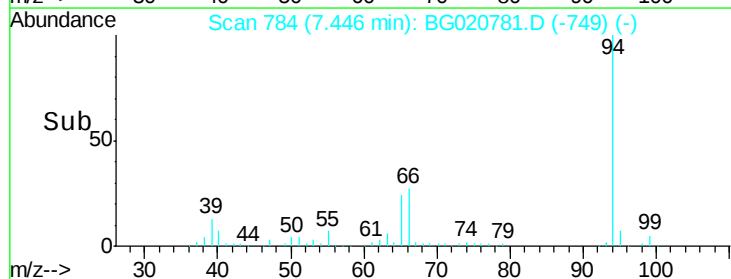
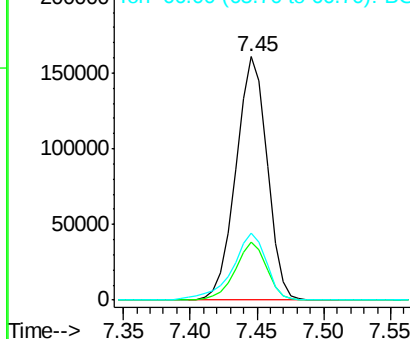
94 100

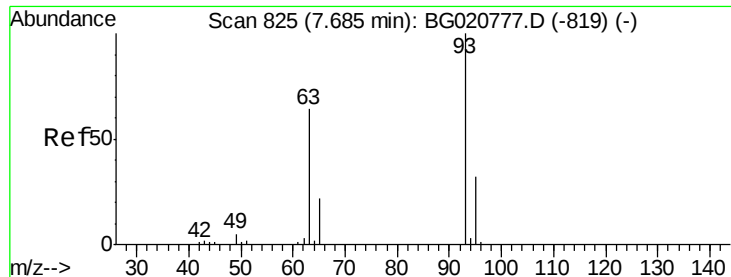
65 23.8 23.0 34.6

66 27.4 30.4 45.6#



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





#8

Bis(2-Chloroethyl)ether

Concen: 1.12 ng/ul

RT: 7.83 min Scan# 850

Delta R.T. 0.15 min

Lab File: BG020781.D

Acq: 1 Feb 2016 21:52

Instrument :

BNA_G

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DFTPP28

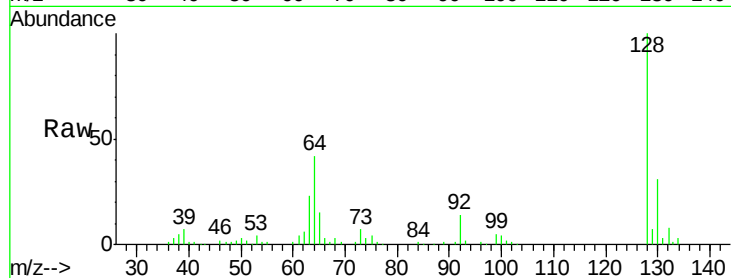
Tgt Ion: 93 Resp: 1694

Ion Ratio Lower Upper

93 100

63 1160.1 59.4 89.2#

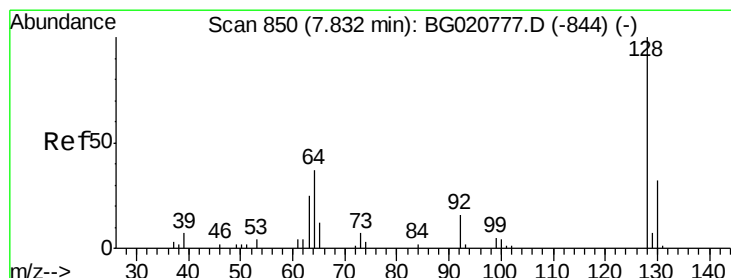
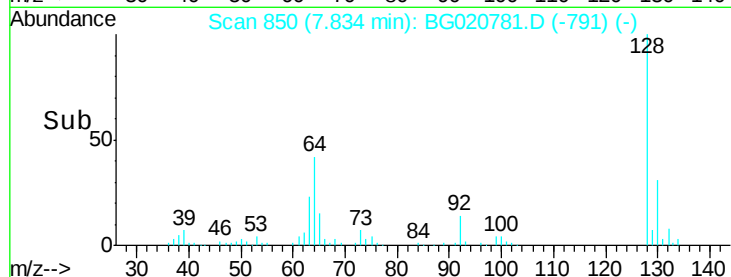
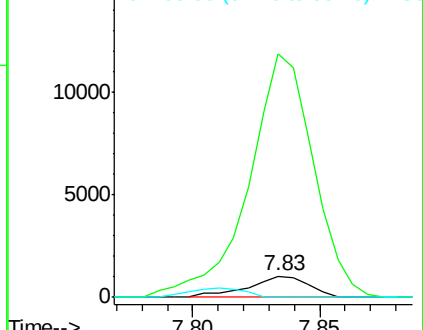
95 0.0 26.4 39.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#10

2-Chlorophenol

Concen: 58.17 ng/ul

RT: 7.84 min Scan# 851

Delta R.T. 0.01 min

Lab File: BG020781.D

Acq: 1 Feb 2016 21:52

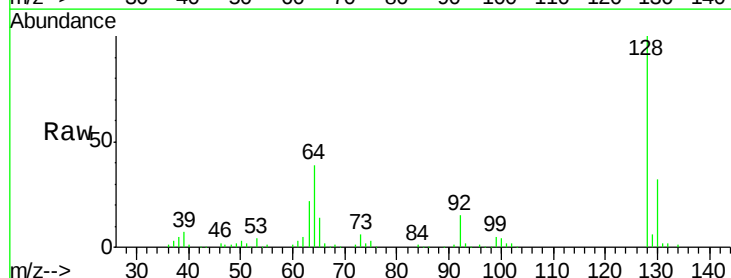
Tgt Ion: 128 Resp: 86426

Ion Ratio Lower Upper

128 100

64 38.6 39.8 59.6#

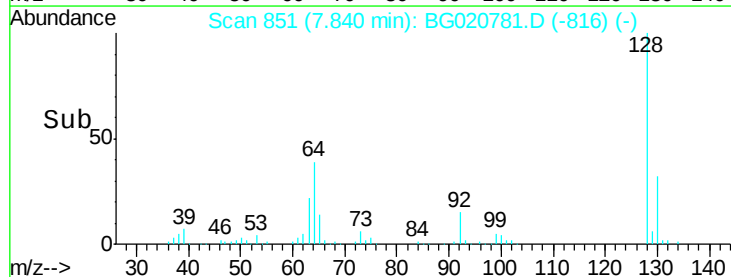
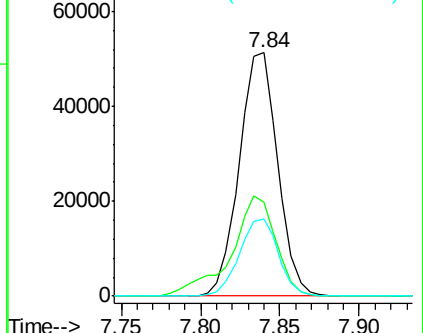
130 31.8 25.8 38.8

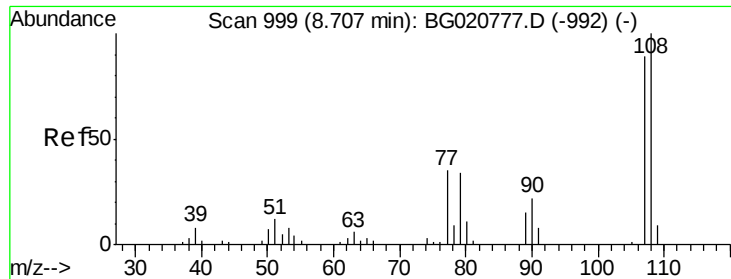


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E

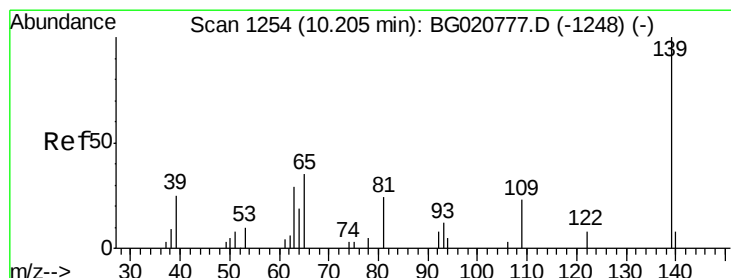
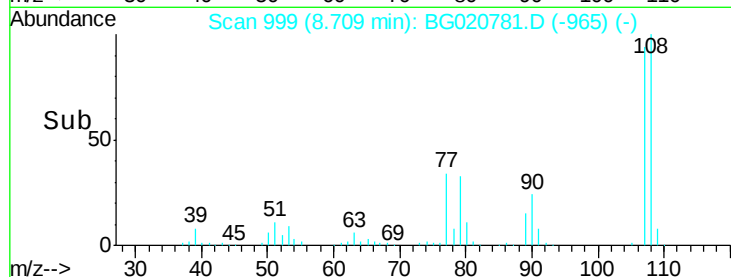
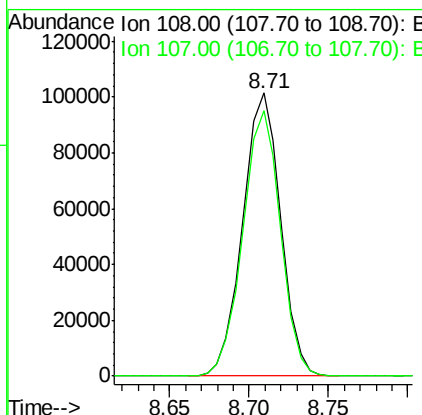
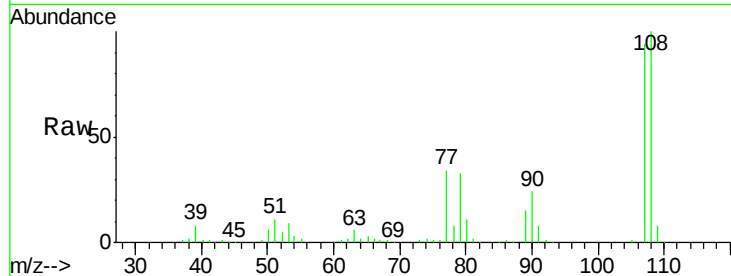




#11
 2-Methylphenol
 Concen: 105.23 ng/ul
 RT: 8.71 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BG020781.D
 Acq: 1 Feb 2016 21:52

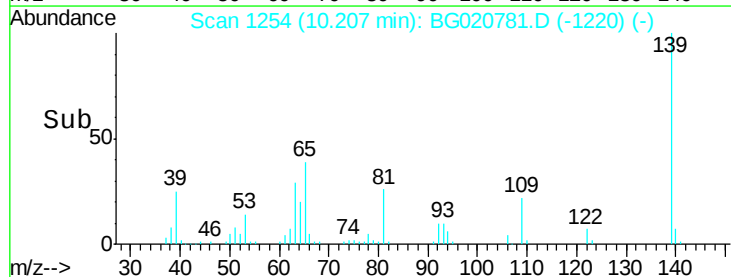
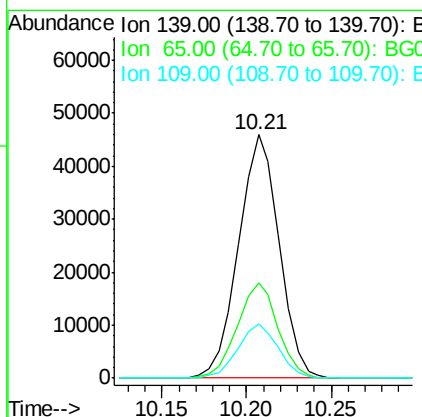
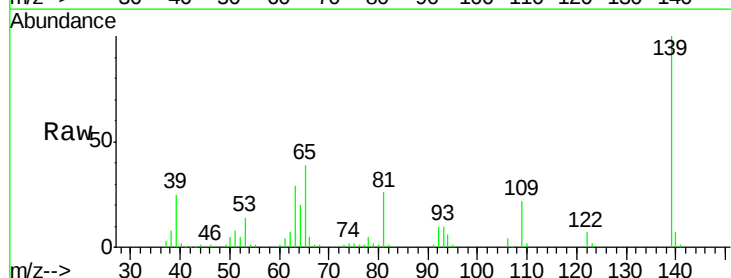
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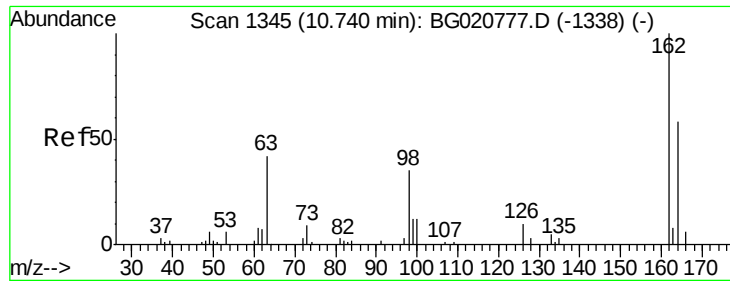
Tgt Ion:108 Resp: 168612
 Ion Ratio Lower Upper
 108 100
 107 93.9 74.1 111.1



#23
 2-Nitrophenol
 Concen: 123.21 ng/ul
 RT: 10.21 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BG020781.D
 Acq: 1 Feb 2016 21:52

Tgt Ion:139 Resp: 76683
 Ion Ratio Lower Upper
 139 100
 65 39.2 45.3 67.9#
 109 22.3 27.7 41.5#

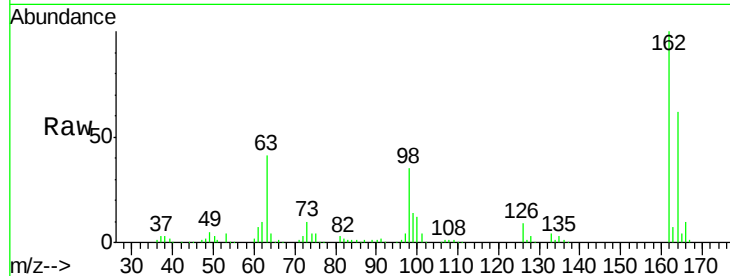




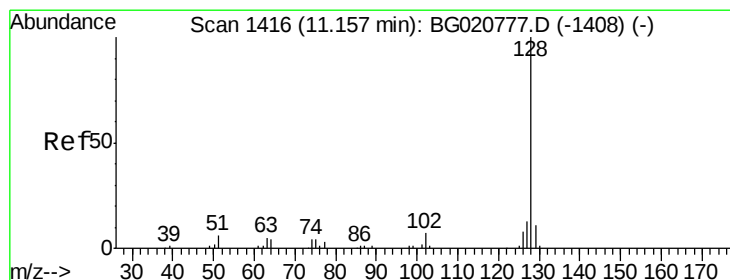
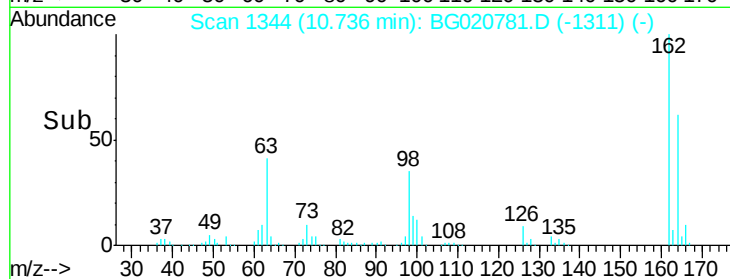
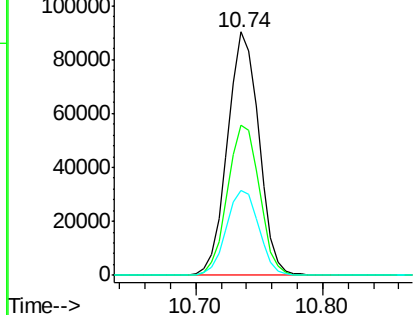
#27
 2,4-Dichlorophenol
 Concen: 104.36 ng/ul
 RT: 10.74 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BG020781.D
 Acq: 1 Feb 2016 21:52

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP28

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	52.0	78.0
98	34.7	26.6	39.8

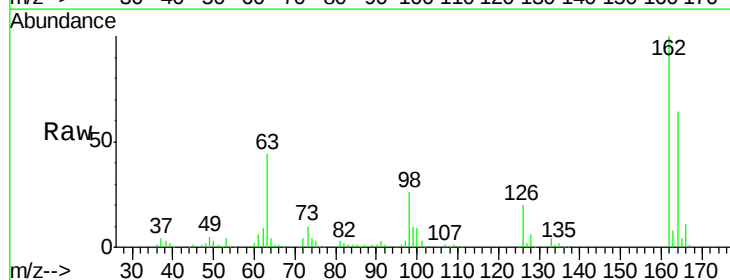


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

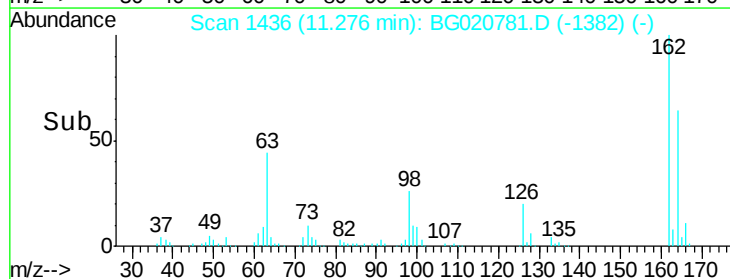
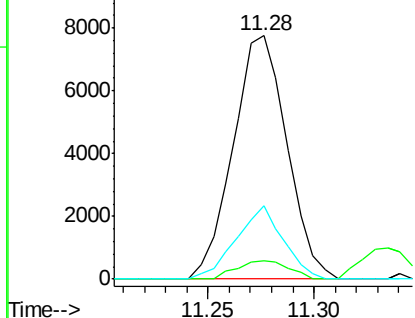


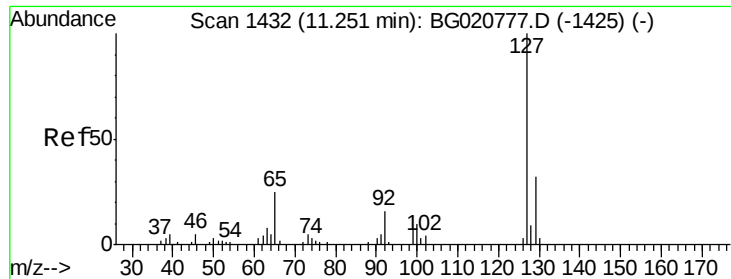
#28
 Naphthalene
 Concen: 2.56 ng/ul
 RT: 11.28 min Scan# 1436
 Delta R.T. 0.12 min
 Lab File: BG020781.D
 Acq: 1 Feb 2016 21:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	7.5	8.3	12.5#
127	29.9	10.8	16.2#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

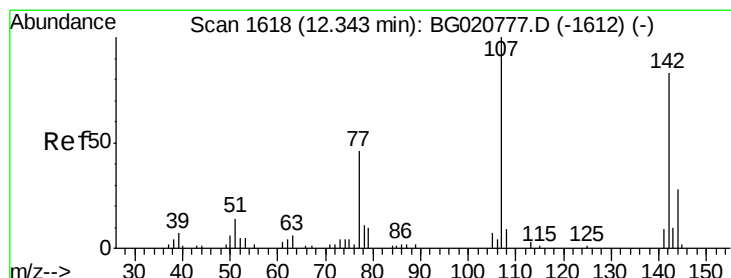
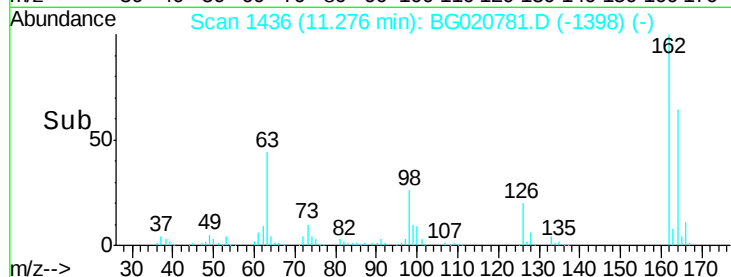
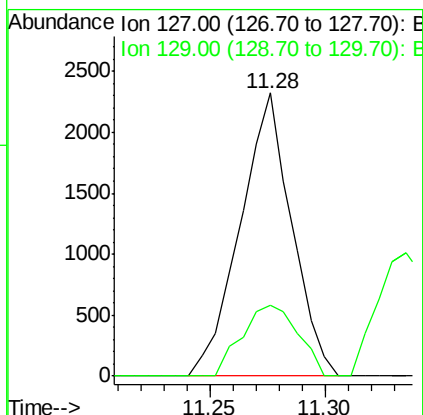
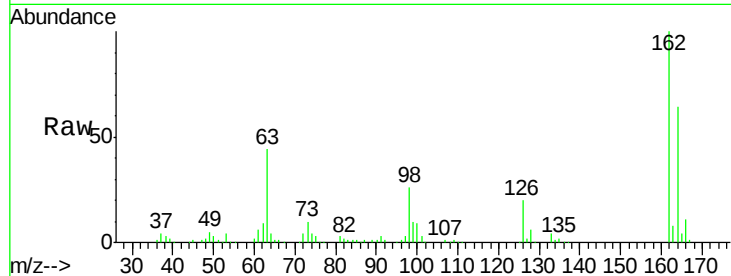




#30
4-Chloroaniline
Concen: 1.72 ng/ul
RT: 11.28 min Scan# 1436
Delta R.T. 0.03 min
Lab File: BG020781.D
Acq: 1 Feb 2016 21:52

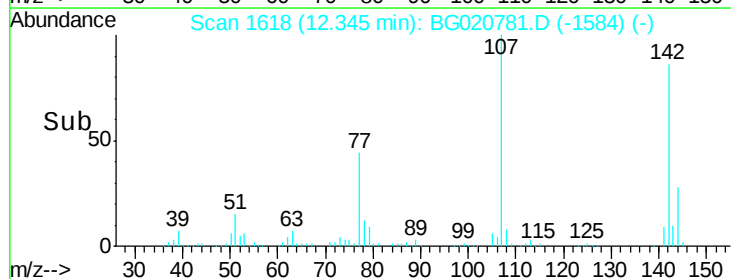
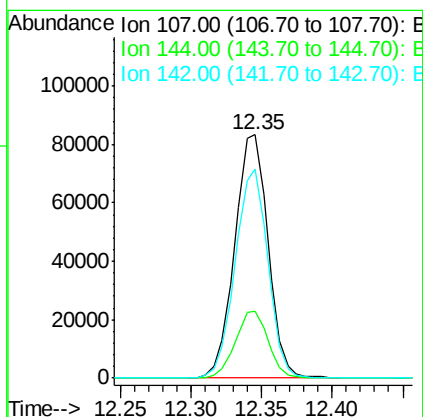
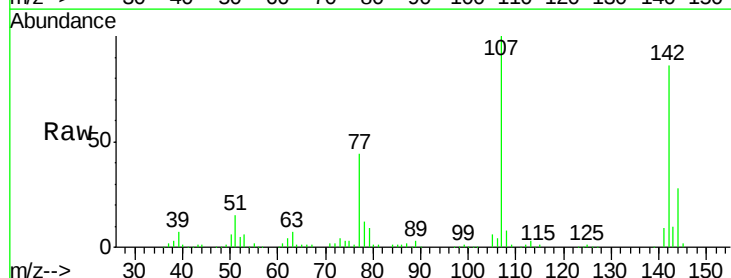
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DFTPP28

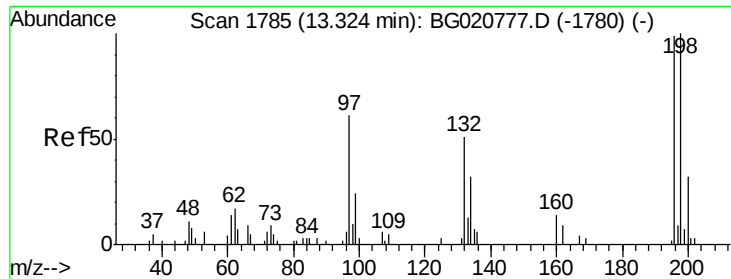
Tgt Ion:127 Resp: 3599
Ion Ratio Lower Upper
127 100
129 25.1 24.6 37.0



#33
4-Chloro-3-methylphenol
Concen: 78.07 ng/ul
RT: 12.35 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG020781.D
Acq: 1 Feb 2016 21:52

Tgt Ion:107 Resp: 137579
Ion Ratio Lower Upper
107 100
144 27.8 21.1 31.7
142 86.1 60.1 90.1

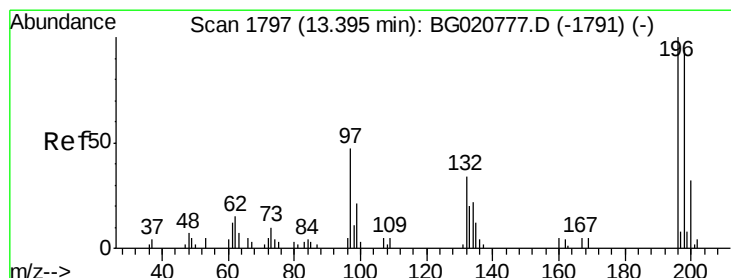
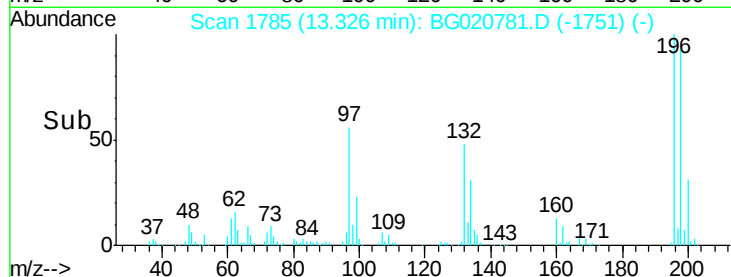
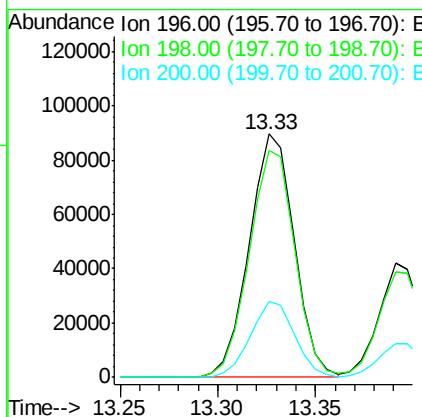
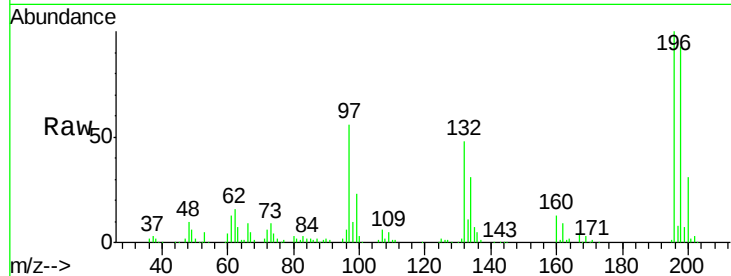




#39
 2,4,6-Trichlorophenol
 Concen: 127.86 ng/ul
 RT: 13.33 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG020781.D
 Acq: 1 Feb 2016 21:52

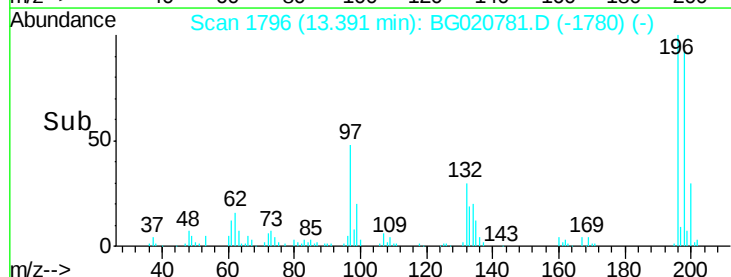
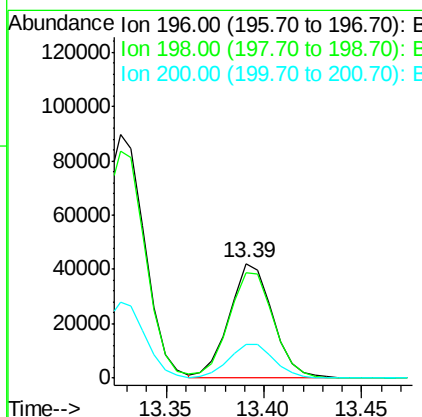
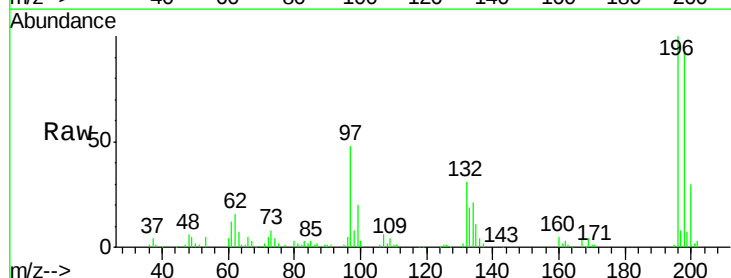
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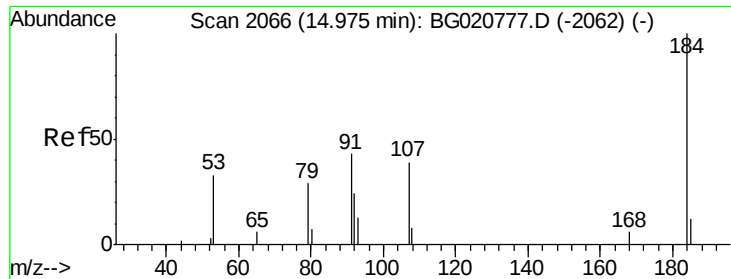
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.9	113.9
200	31.2	25.8	38.6



#40
 2,4,5-Trichlorophenol
 Concen: 51.22 ng/ul
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG020781.D
 Acq: 1 Feb 2016 21:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.7	112.1
200	29.5	25.4	38.0

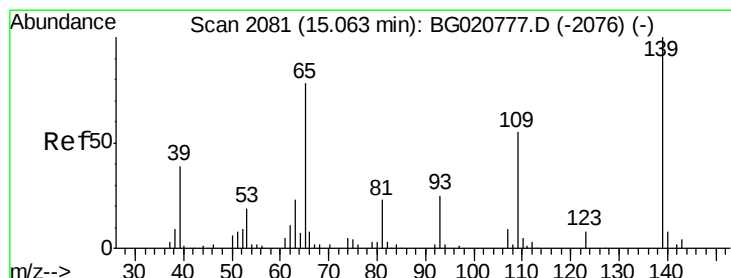
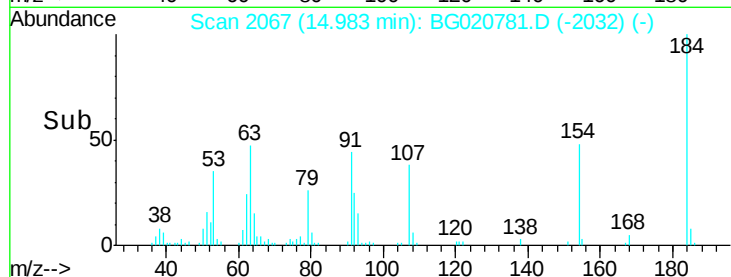
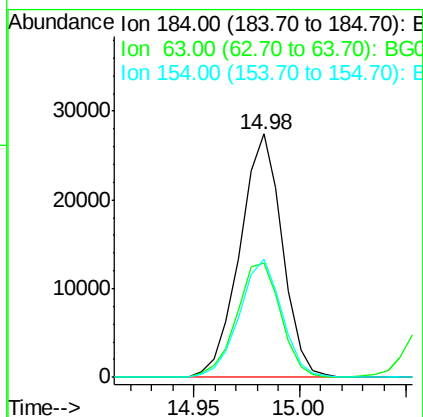
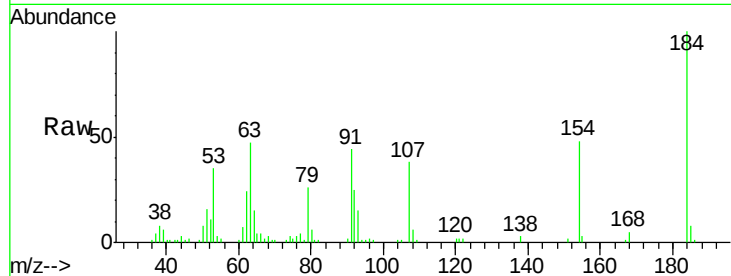




#51
 2,4-Dinitrophenol
 Concen: 121.47 ng/ul
 RT: 14.98 min Scan# 2067
 Delta R.T. 0.01 min
 Lab File: BG020781.D
 Acq: 1 Feb 2016 21:52

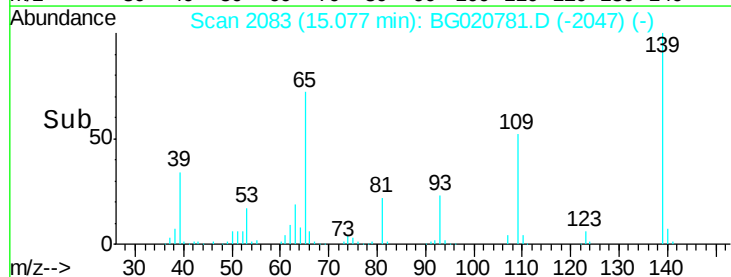
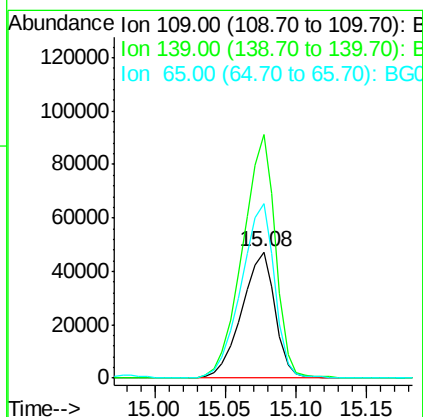
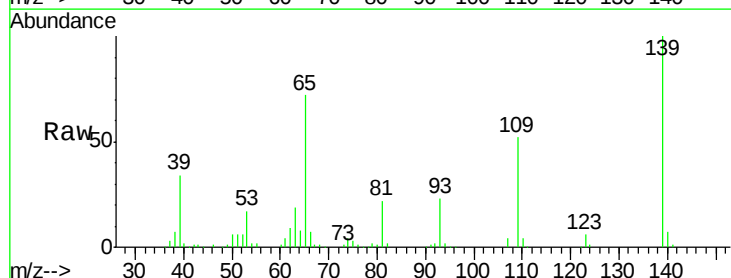
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP28

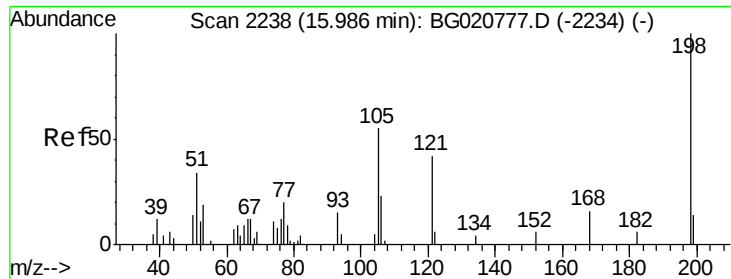
Tgt Ion:184 Resp: 38228
 Ion Ratio Lower Upper
 184 100
 63 47.0 39.7 59.5
 154 48.4 45.0 67.6



#53
 4-Nitrophenol
 Concen: 155.09 ng/ul
 RT: 15.08 min Scan# 2083
 Delta R.T. 0.01 min
 Lab File: BG020781.D
 Acq: 1 Feb 2016 21:52

Tgt Ion:109 Resp: 78283
 Ion Ratio Lower Upper
 109 100
 139 192.5 91.2 136.8#
 65 137.6 92.6 139.0





#64

4,6-Dinitro-2-methylphenol

Concen: 54.94 ng/ul

RT: 15.99 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BG020781.D

Acq: 1 Feb 2016 21:52

Instrument :

BNA_G

ClientSampleId :

DFTPP28

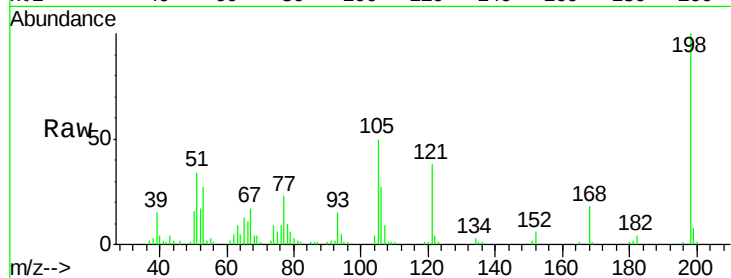
Tgt Ion:198 Resp: 28064

Ion Ratio Lower Upper

198 100

182 4.0 3.5 5.3

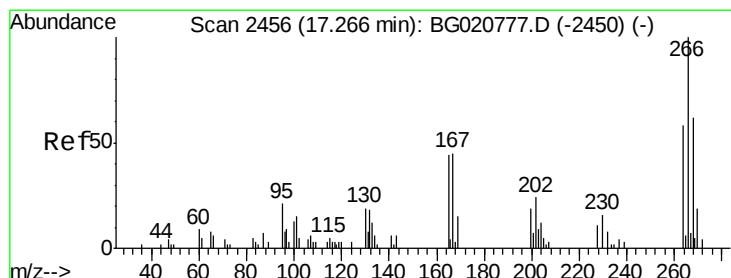
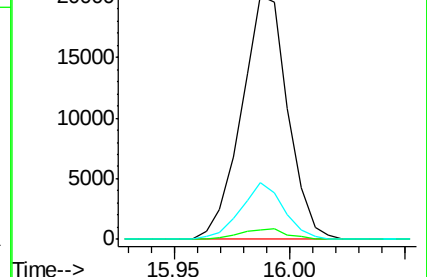
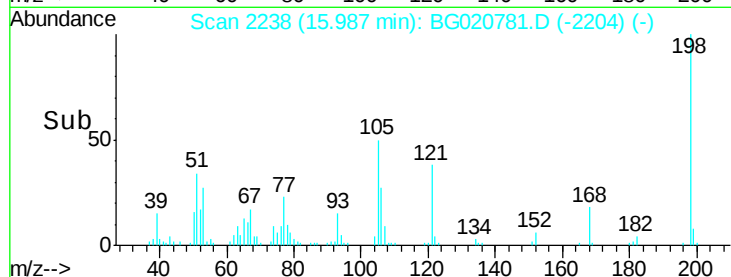
77 23.3 18.2 27.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#69

Pentachlorophenol

Concen: 125.80 ng/ul

RT: 17.26 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG020781.D

Acq: 1 Feb 2016 21:52

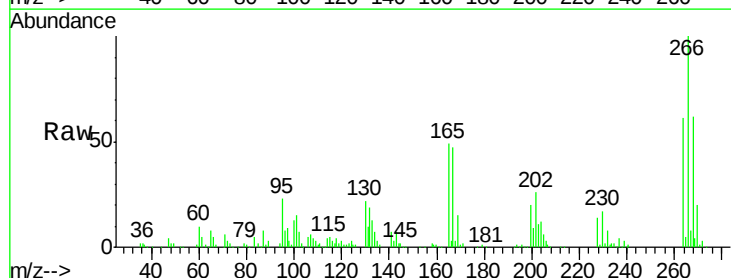
Tgt Ion:266 Resp: 112130

Ion Ratio Lower Upper

266 100

264 61.2 48.2 72.4

268 61.9 52.3 78.5



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

