

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021696.D
 Acq On : 15 Apr 2016 21:56
 Operator : UM/SJ
 Sample : H2549-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0574

Quant Time: Apr 16 02:20:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

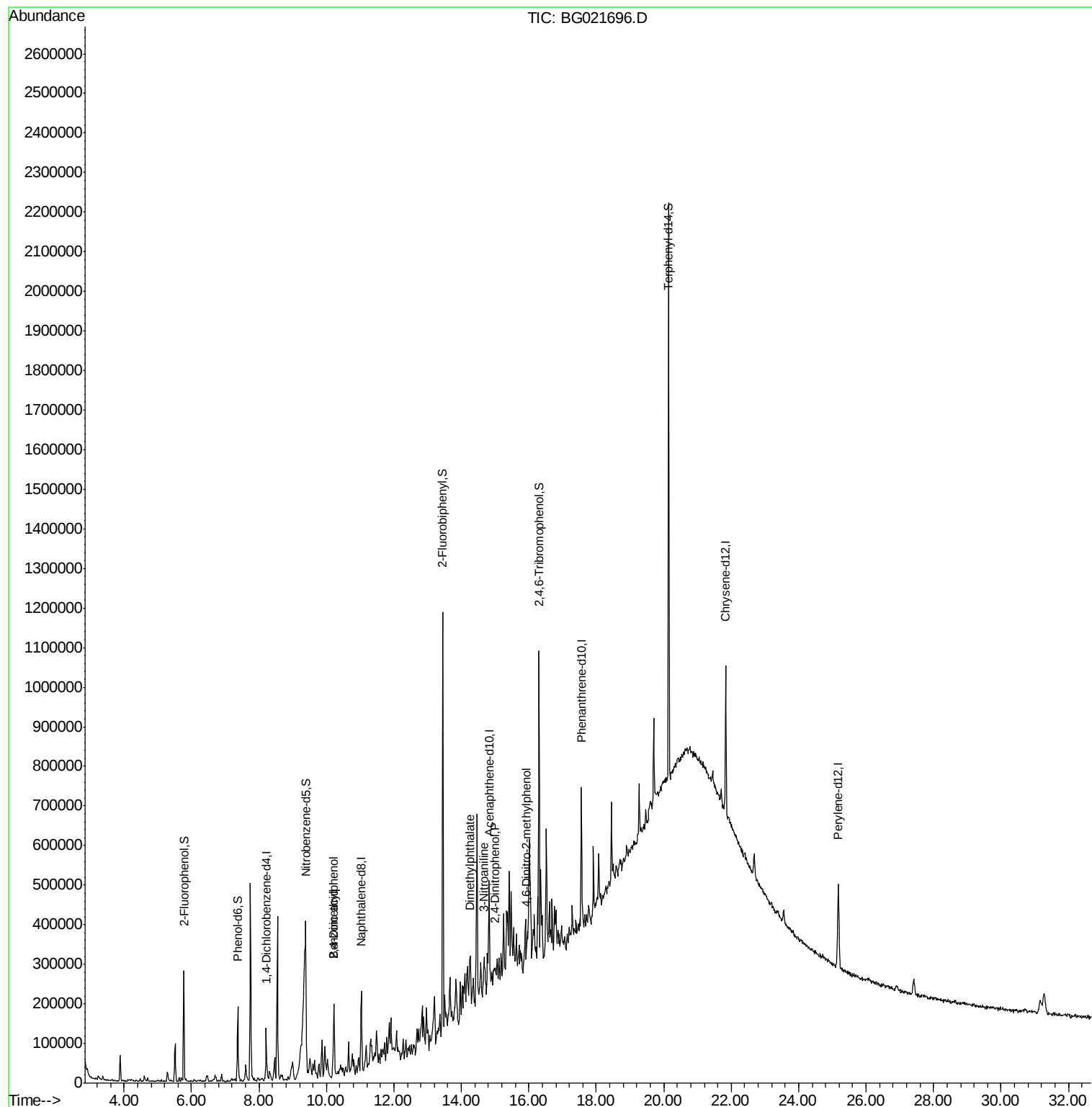
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	36421	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	161720	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	99512	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	211787	20.00	ng	0.00
75) Chrysene-d12	21.83	240	237600	20.00	ng	0.00
86) Perylene-d12	25.18	264	231142	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	123761	56.59	ng	0.01
7) Phenol-d6	7.37	99	114411	35.02	ng	0.01
23) Nitrobenzene-d5	9.38	82	252749	80.33	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	142595	132.96	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	522114	76.87	ng	0.00
78) Terphenyl-d14	20.15	244	612069	64.28	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.22	122	60097	20.57	ng	# 88
32) Benzoic acid	10.22	122	60097	38.63	ng	# 14
49) Dimethylphthalate	14.27	163	61426	7.14	ng	# 98
52) 3-Nitroaniline	14.67	138	5084	2.79	ng	# 8
53) 2,4-Dinitrophenol	15.01	184	62	7.55	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.92	198	62	5.46	ng	# 1

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

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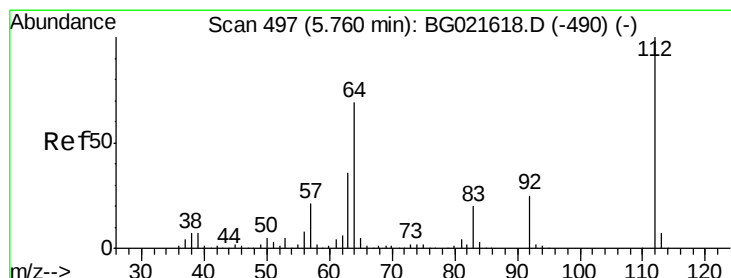
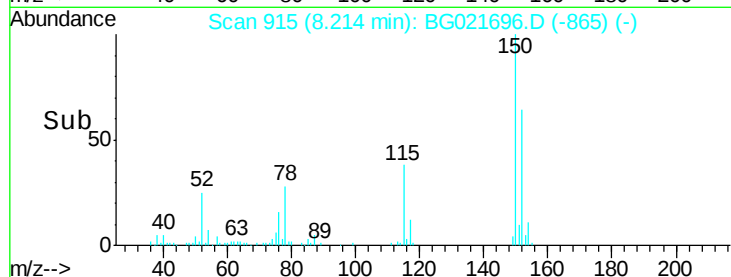
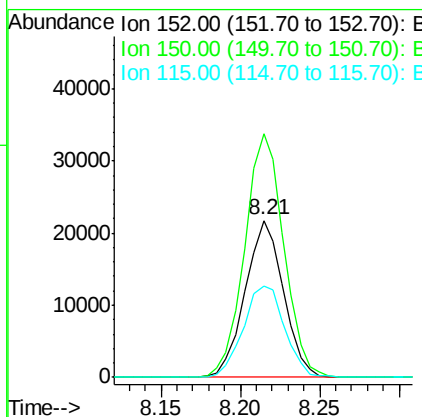
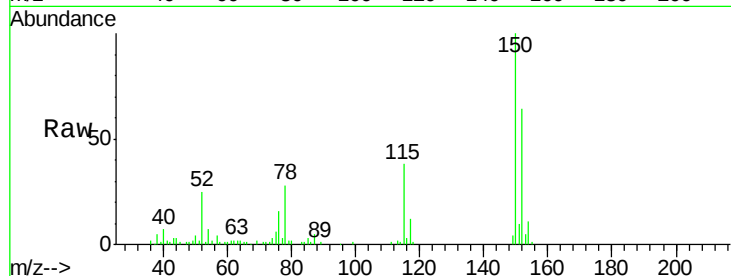


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021696.D
Acq: 15 Apr 2016 21:56

Instrument :
BNA_G
ClientSampleId :
S8-0574

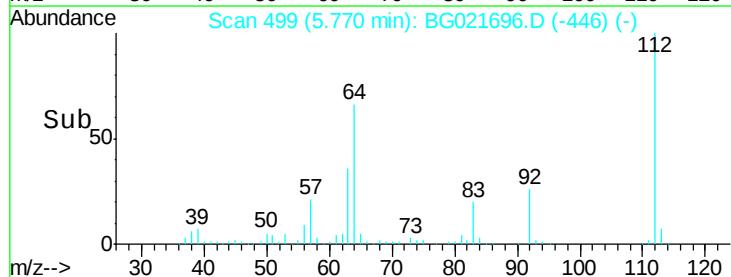
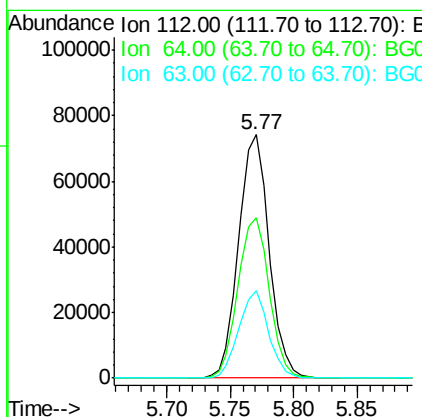
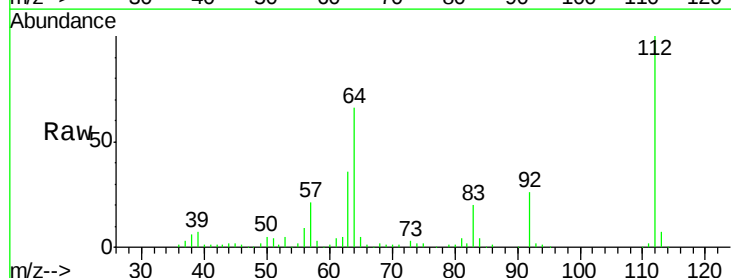
Tgt Ion:152 Resp: 36421
Ion Ratio Lower Upper
152 100
150 155.1 130.1 195.1
115 58.3 62.2 93.2#

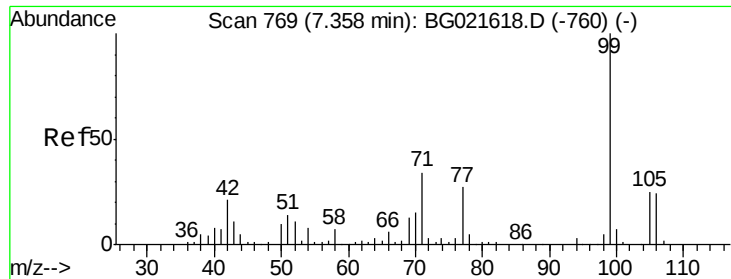


#5

2-Fluorophenol
Concen: 56.59 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021696.D
Acq: 15 Apr 2016 21:56

Tgt Ion:112 Resp: 123761
Ion Ratio Lower Upper
112 100
64 66.1 51.1 76.7
63 35.9 24.6 37.0





#7

Phenol-d6

Concen: 35.02 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021696.D

Acq: 15 Apr 2016 21:56

Instrument :

BNA_G

ClientSampleId :

S8-0574

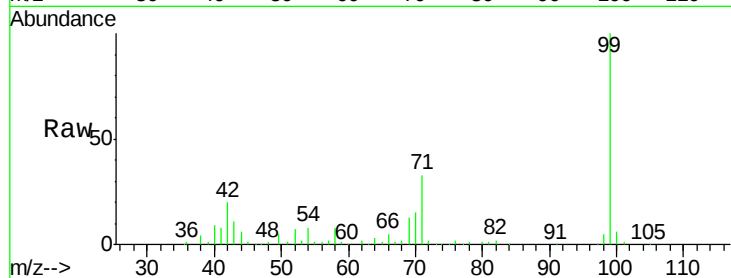
Tgt Ion: 99 Resp: 114411

Ion Ratio Lower Upper

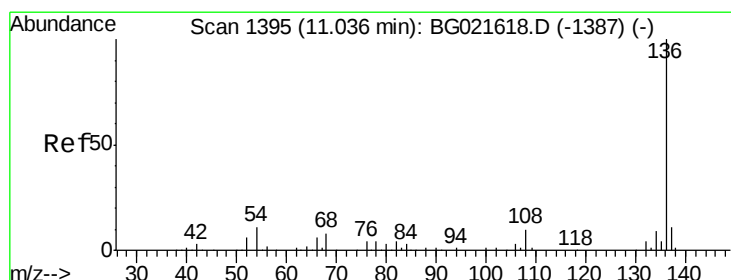
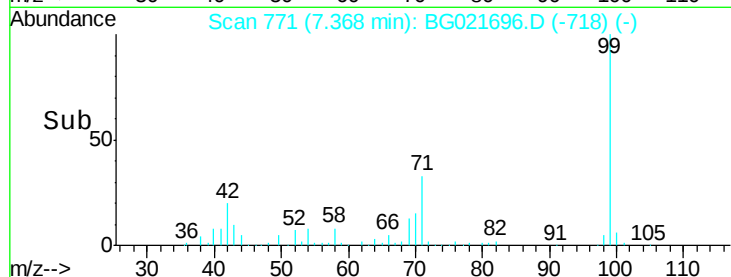
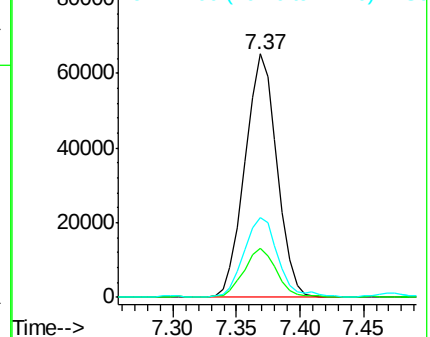
99 100

42 20.1 16.4 24.6

71 32.9 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021696.D

Acq: 15 Apr 2016 21:56

Tgt Ion: 136 Resp: 161720

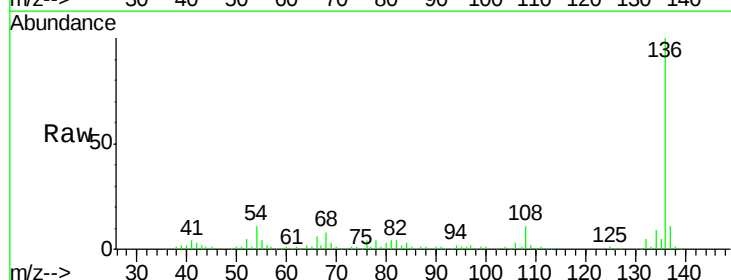
Ion Ratio Lower Upper

136 100

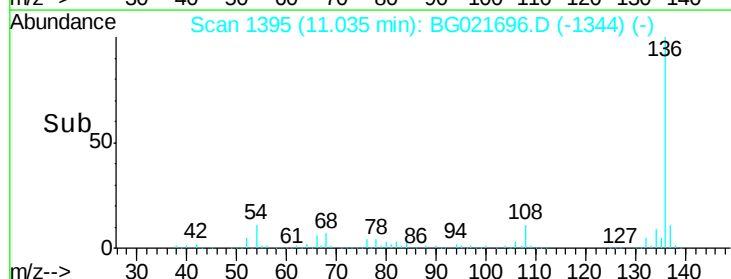
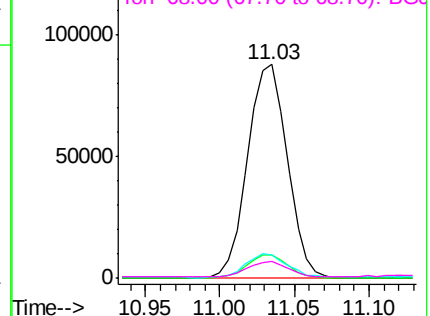
137 11.0 9.0 13.4

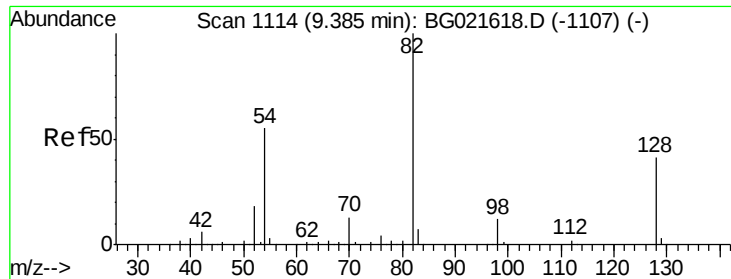
54 11.1 9.6 14.4

68 7.8 6.4 9.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

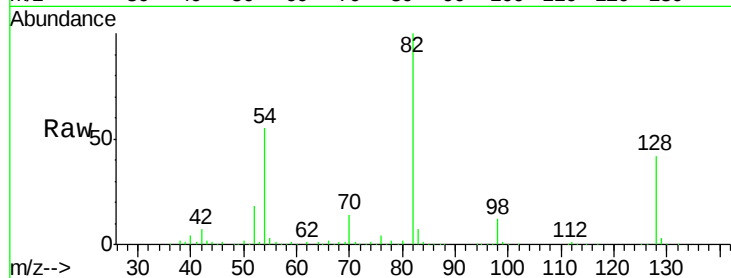




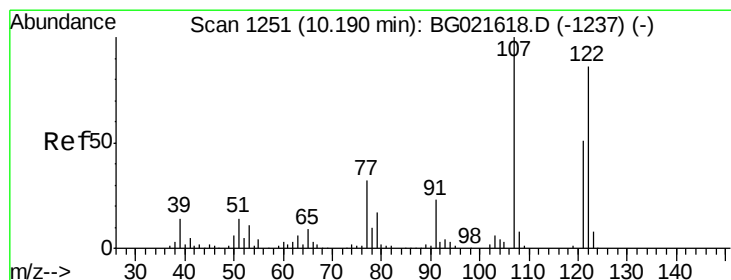
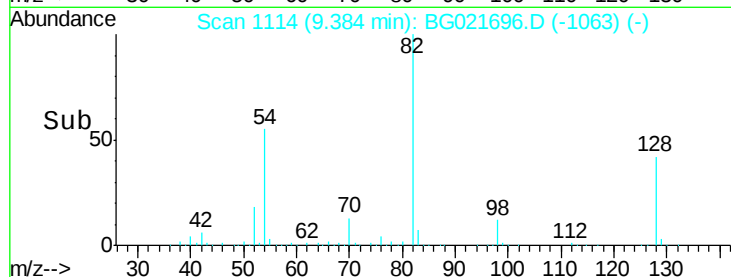
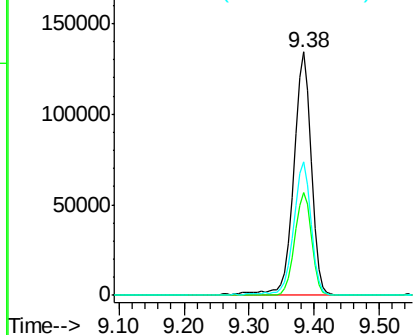
#23
 Nitrobenzene-d5
 Concen: 80.33 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021696.D
 Acq: 15 Apr 2016 21:56

Instrument :
 BNA_G
 ClientSampleId :
 S8-0574

Tgt Ion: 82 Resp: 252749
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.4 50.0
 54 54.8 46.1 69.1

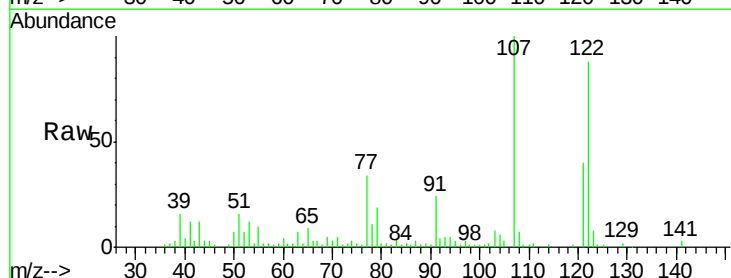


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

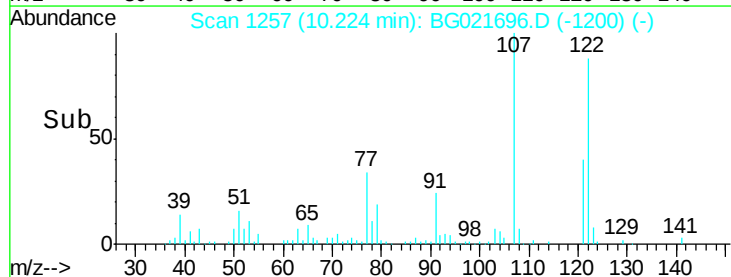
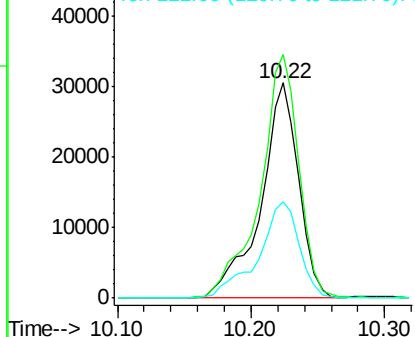


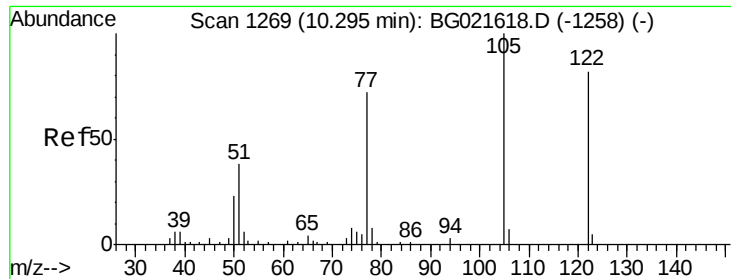
#27
 2,4-Dimethylphenol
 Concen: 20.57 ng
 RT: 10.22 min Scan# 1257
 Delta R.T. 0.03 min
 Lab File: BG021696.D
 Acq: 15 Apr 2016 21:56

Tgt Ion: 122 Resp: 60097
 Ion Ratio Lower Upper
 122 100
 107 113.3 97.2 145.8
 121 44.8 49.0 73.4#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 107.00 (106.70 to 107.70): BGC
 Ion 121.00 (120.70 to 121.70): BGC





#32

Benzoic acid

Concen: 38.63 ng

RT: 10.22 min Scan# 1257

Delta R.T. -0.07 min

Lab File: BG021696.D

Acq: 15 Apr 2016 21:56

Instrument :

BNA_G

ClientSampleId :

S8-0574

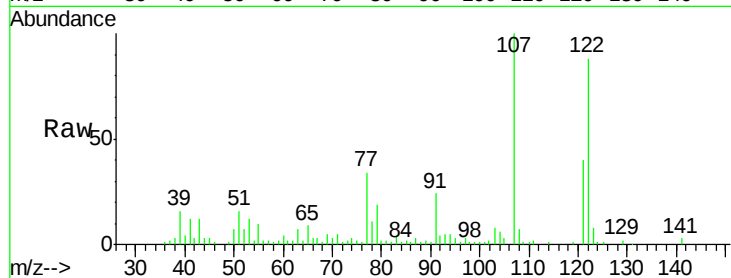
Tgt Ion:122 Resp: 60097

Ion Ratio Lower Upper

122 100

105 3.9 104.5 144.5#

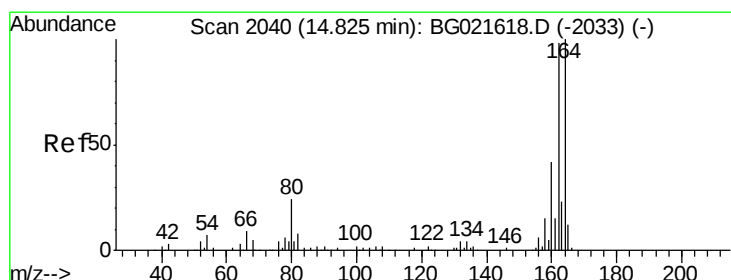
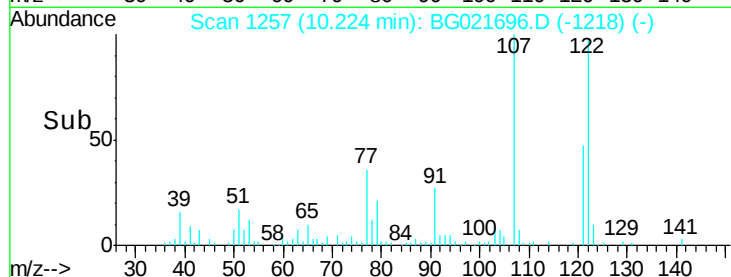
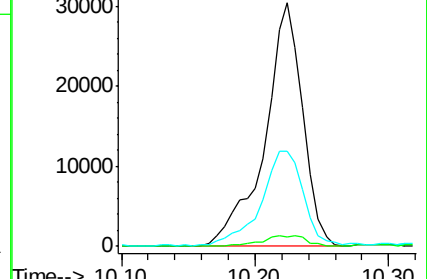
77 38.9 79.9 119.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021696.D

Acq: 15 Apr 2016 21:56

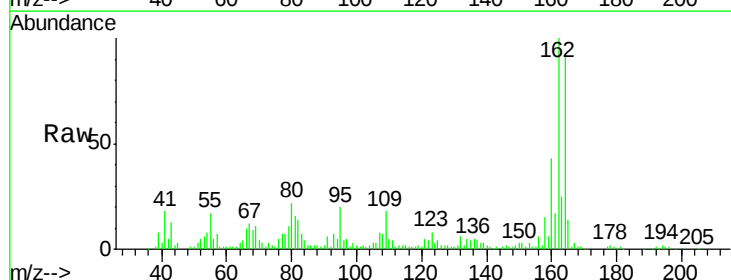
Tgt Ion:164 Resp: 99512

Ion Ratio Lower Upper

164 100

162 107.6 78.0 117.0

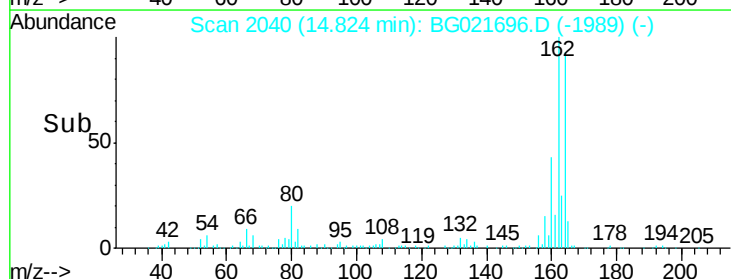
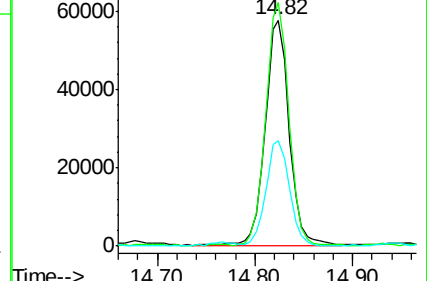
160 46.7 32.9 49.3

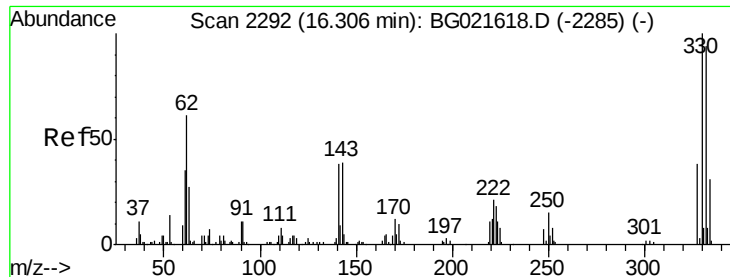


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 132.96 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021696.D

Acq: 15 Apr 2016 21:56

Instrument :

BNA_G

ClientSampleId :

S8-0574

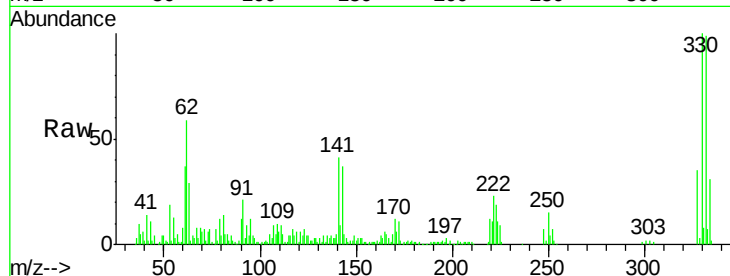
Tgt Ion:330 Resp: 142595

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

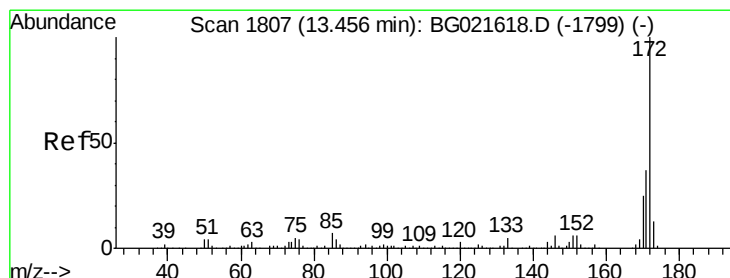
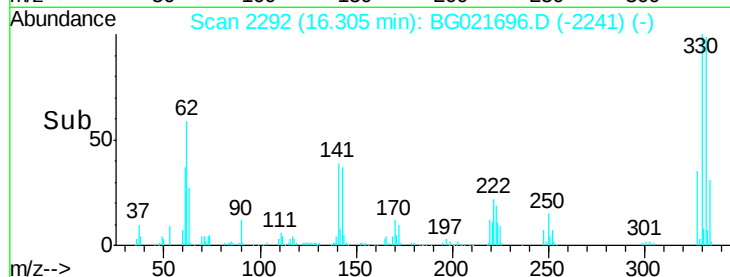
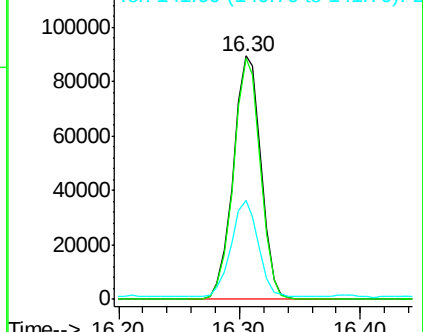
141 39.0 33.8 50.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 76.87 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BG021696.D

Acq: 15 Apr 2016 21:56

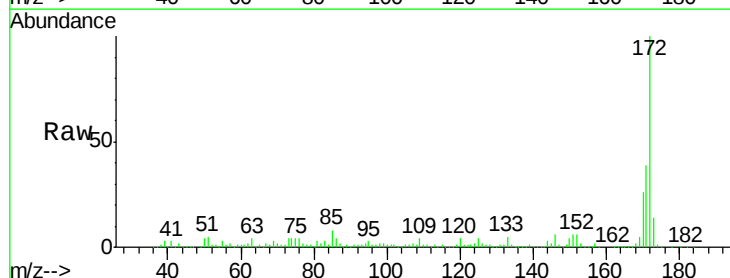
Tgt Ion:172 Resp: 522114

Ion Ratio Lower Upper

172 100

171 39.3 27.8 41.6

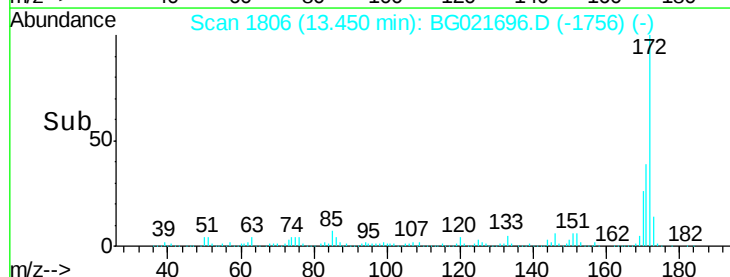
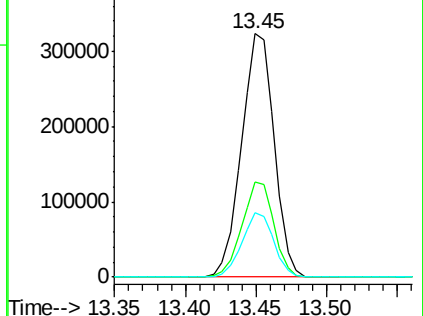
170 26.5 19.6 29.4

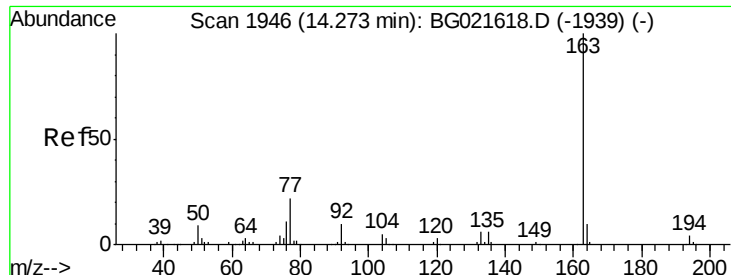


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

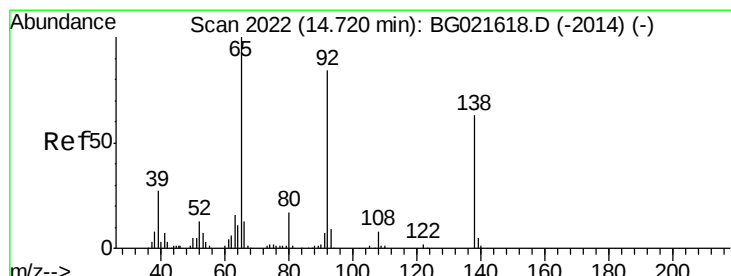
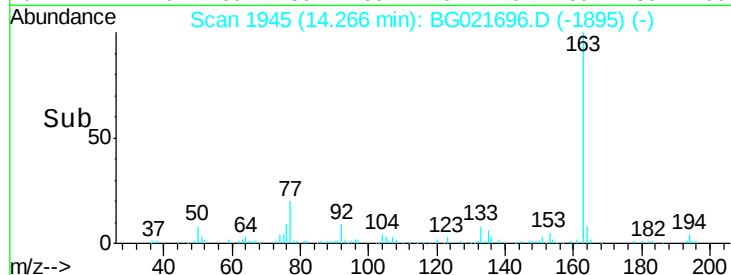
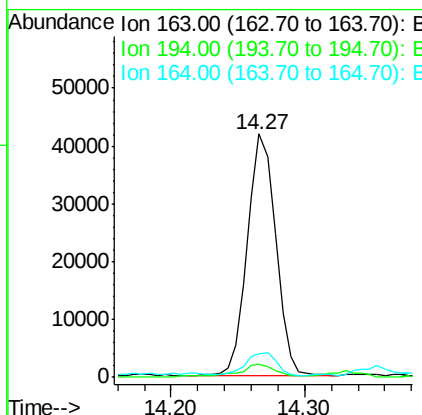
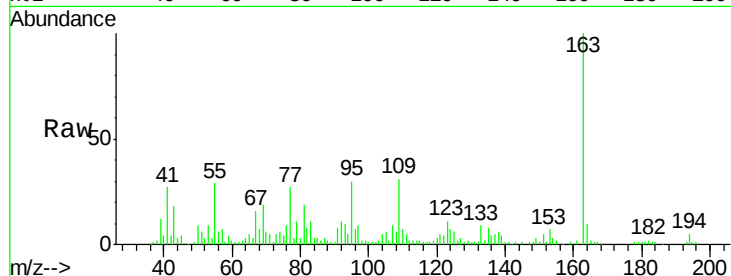




#49
Dimethylphthalate
Concen: 7.14 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021696.D
Acq: 15 Apr 2016 21:56

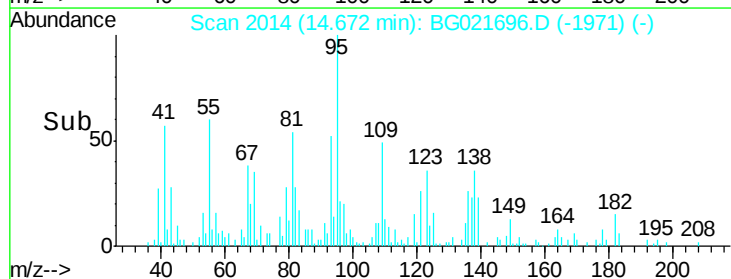
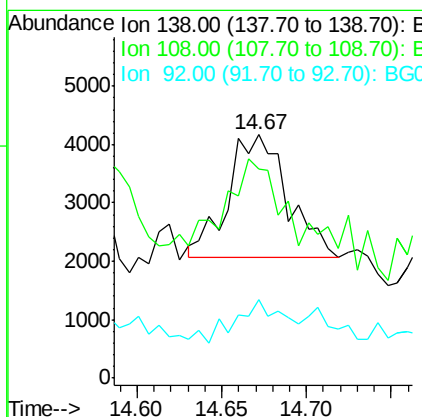
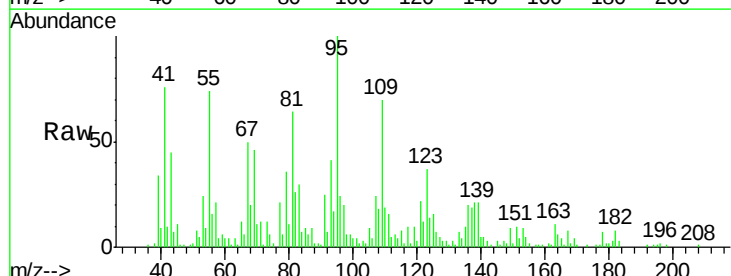
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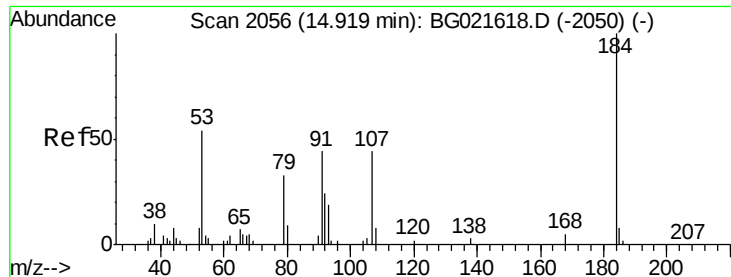
Tgt Ion:163 Resp: 61426
Ion Ratio Lower Upper
163 100
194 5.2 3.0 4.6#
164 9.7 8.1 12.1



#52
3-Nitroaniline
Concen: 2.79 ng
RT: 14.67 min Scan# 2014
Delta R.T. -0.05 min
Lab File: BG021696.D
Acq: 15 Apr 2016 21:56

Tgt Ion:138 Resp: 5084
Ion Ratio Lower Upper
138 100
108 85.7 9.1 13.7#
92 32.0 102.6 154.0#

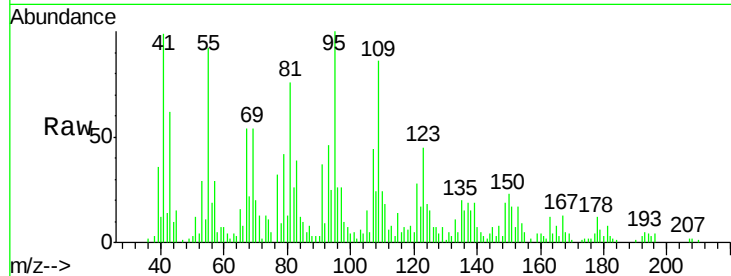




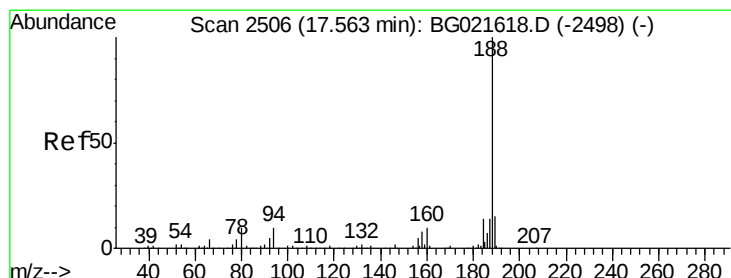
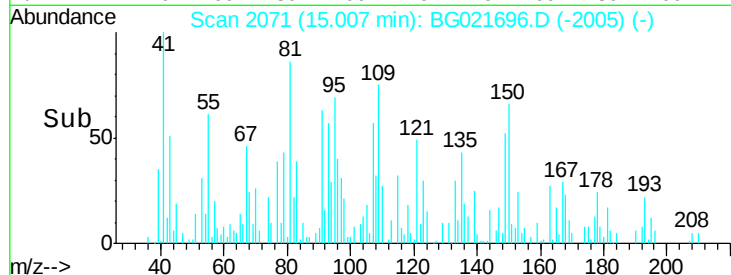
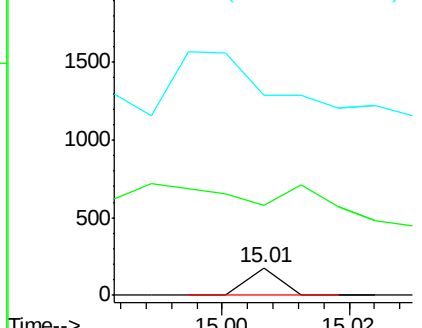
#53
2,4-Dinitrophenol
Concen: 7.55 ng
RT: 15.01 min Scan# 2071
Delta R.T. 0.09 min
Lab File: BG021696.D
Acq: 15 Apr 2016 21:56

Instrument :
BNA_G
ClientSampleId :
S8-0574

Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 331.3 57.3 85.9#
154 733.5 55.2 82.8#

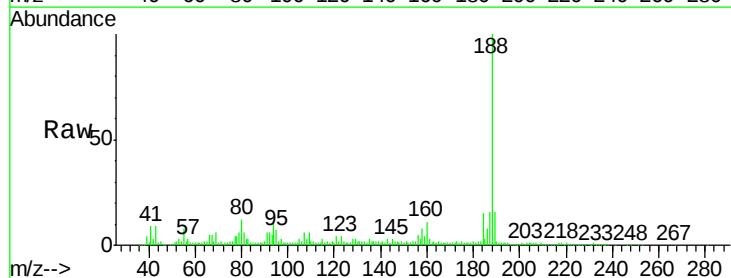


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

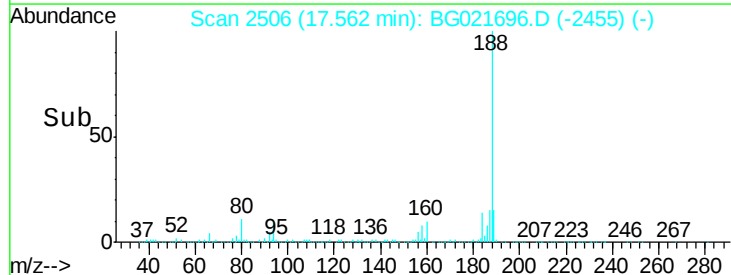
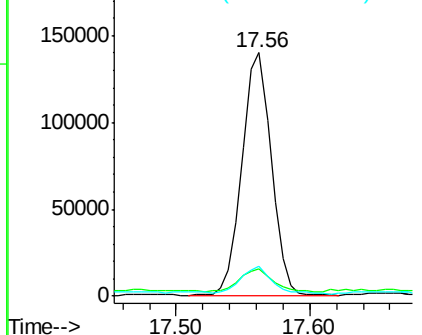


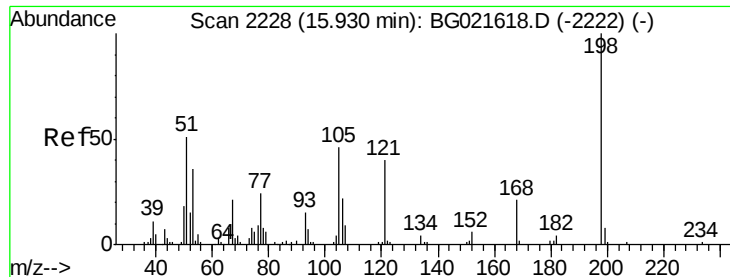
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021696.D
Acq: 15 Apr 2016 21:56

Tgt Ion:188 Resp: 211787
Ion Ratio Lower Upper
188 100
94 11.1 7.5 11.3
80 12.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

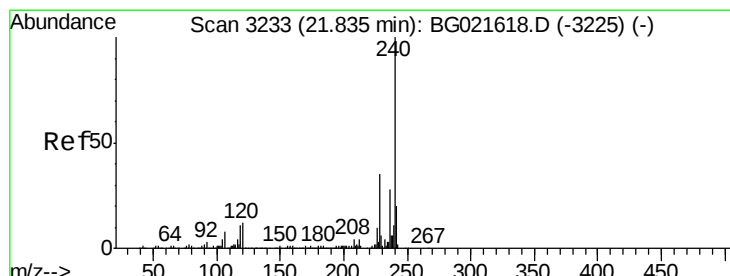
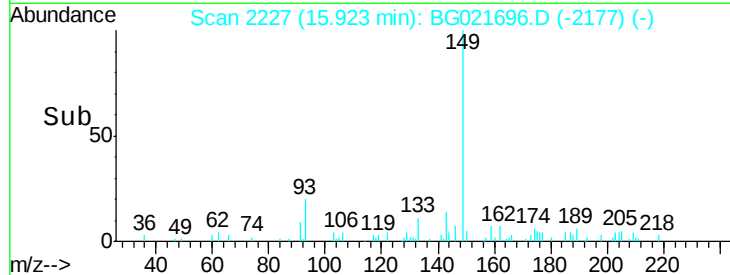
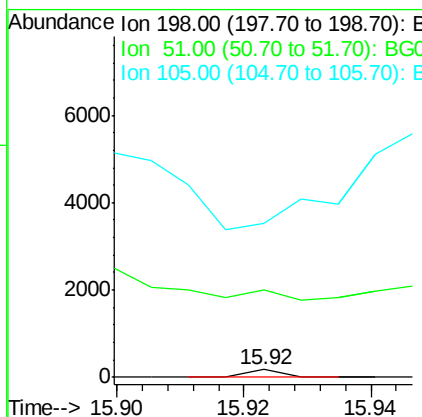
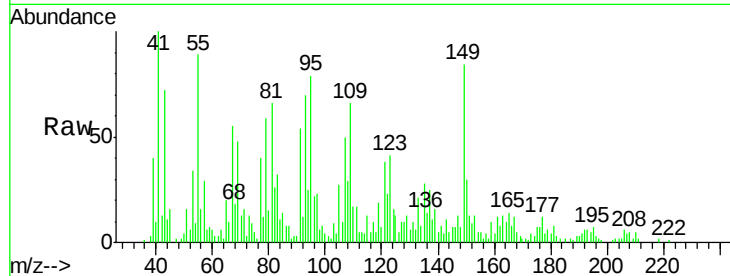




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.46 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG021696.D
 Acq: 15 Apr 2016 21:56

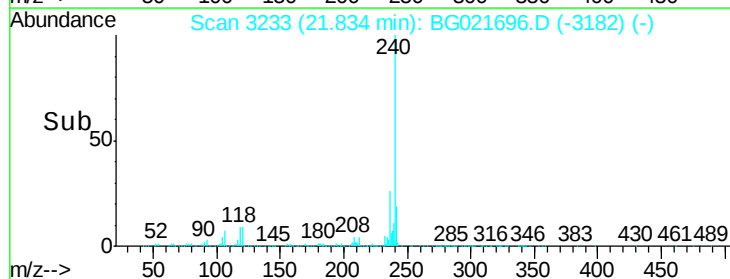
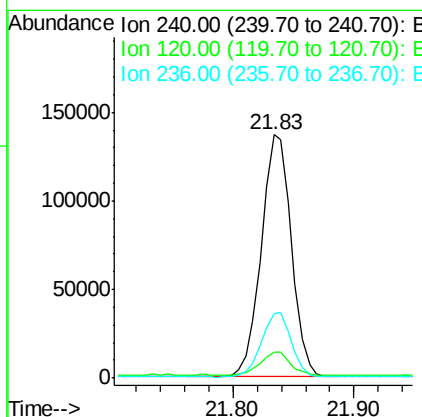
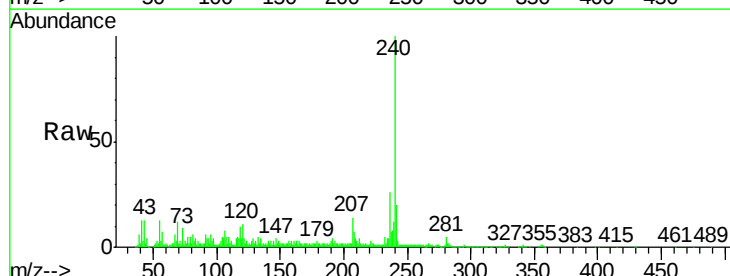
Instrument :
 BNA_G
 ClientSampleId :
 S8-0574

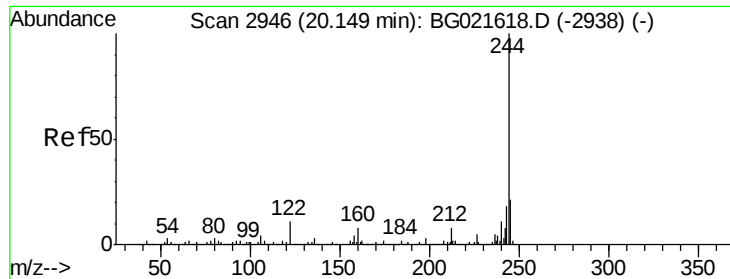
Tgt Ion:198 Resp: 62
 Ion Ratio Lower Upper
 198 100
 51 1129.9 29.2 69.2#
 105 1992.7 24.0 64.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: BG021696.D
 Acq: 15 Apr 2016 21:56

Tgt Ion:240 Resp: 237600
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.4 12.6
 236 26.5 19.6 29.4

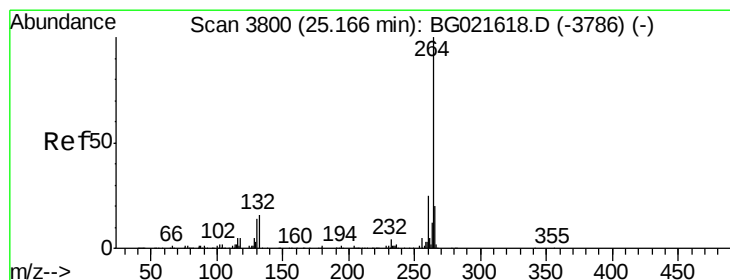
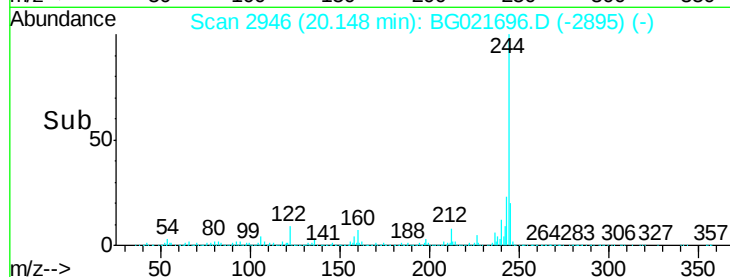
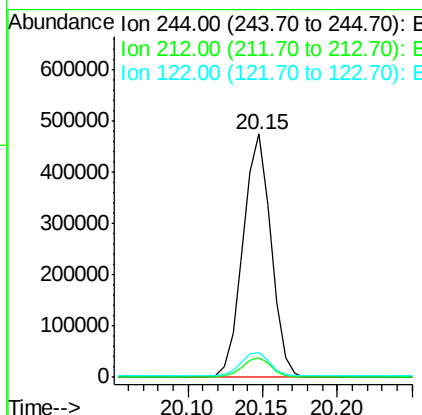
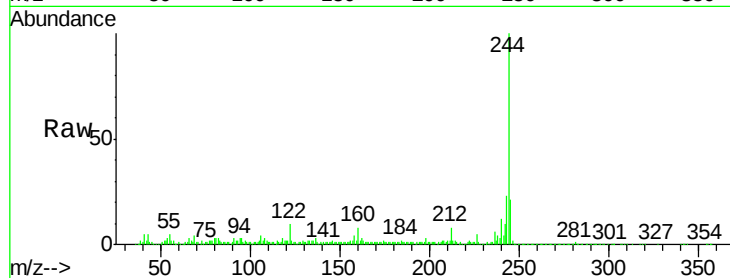




#78
 Terphenyl-d14
 Concen: 64.28 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BG021696.D
 Acq: 15 Apr 2016 21:56

Instrument :
 BNA_G
 ClientSampleId :
 S8-0574

Tgt Ion:244 Resp: 612069
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.18 min Scan# 3802
 Delta R.T. 0.01 min
 Lab File: BG021696.D
 Acq: 15 Apr 2016 21:56

Tgt Ion:264 Resp: 231142
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.4
 265 22.8 17.8 26.8

