

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021695.D
 Acq On : 15 Apr 2016 21:16
 Operator : UM/SJ
 Sample : H2549-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0575

Quant Time: Apr 16 02:20:20 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

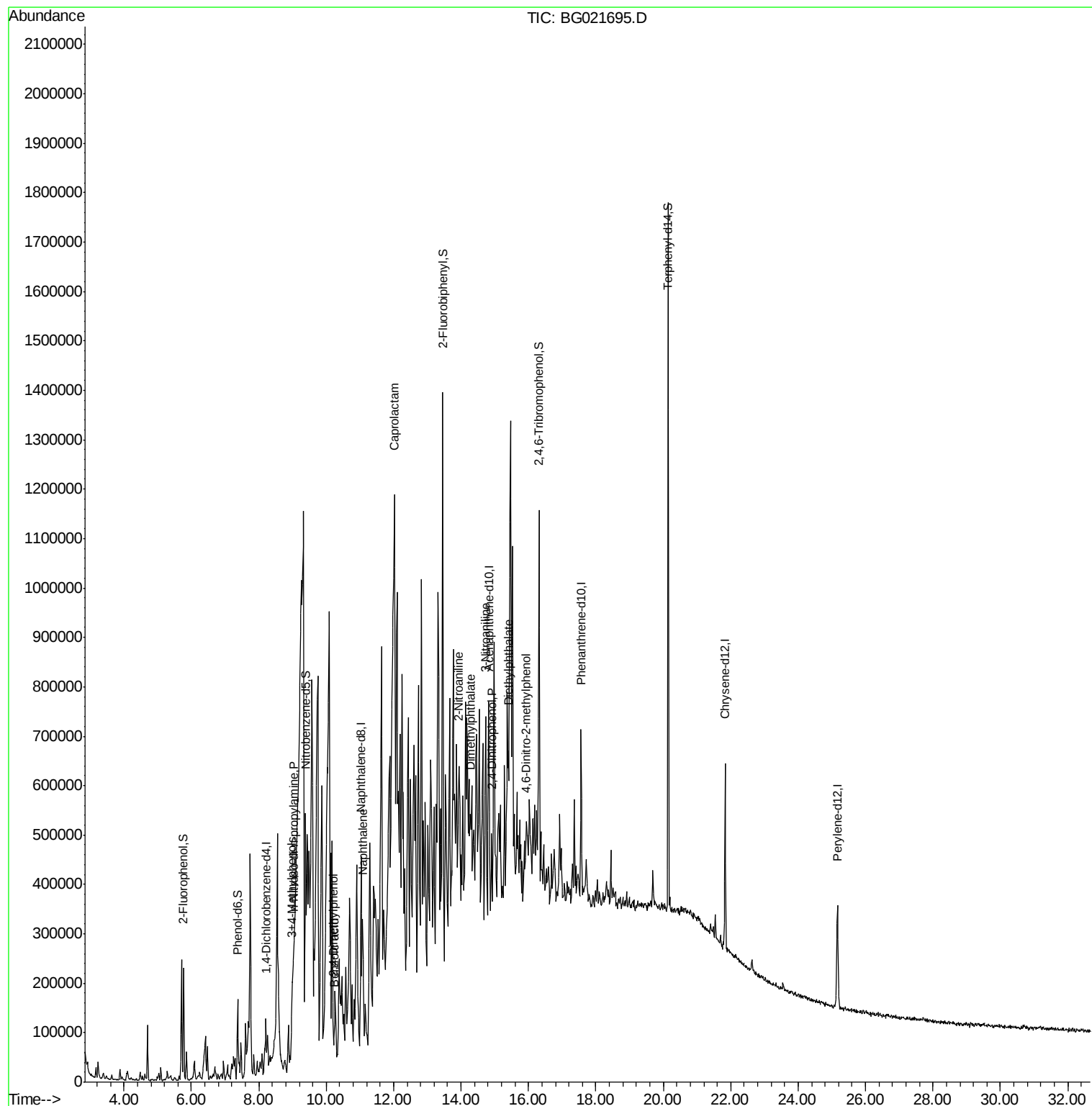
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	29145	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	133765	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	97087	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	204061	20.00	ng	0.00
75) Chrysene-d12	21.83	240	225584	20.00	ng	0.00
86) Perylene-d12	25.16	264	223193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	103084	58.90	ng	0.01
7) Phenol-d6	7.37	99	94998	36.34	ng	0.01
23) Nitrobenzene-d5	9.38	82	215707	82.89	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	156962	150.01	ng	0.01
44) 2-Fluorobiphenyl	13.45	172	524797	79.20	ng	0.00
78) Terphenyl-d14	20.15	244	637813	70.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	8821	4.34	ng	Qvalue # 1
20) 3+4-Methylphenols	8.98	107	34738	13.06	ng	94
27) 2,4-Dimethylphenol	10.21	122	6170	2.55	ng	87
31) Naphthalene	11.09	128	93125	13.01	ng	# 95
32) Benzoic acid	10.24	122	7932	10.69	ng	# 21
35) Caprolactam	12.03	113	79844	84.68	ng	# 1
47) 2-Nitroaniline	13.94	65	7659	3.69	ng	# 45
49) Dimethylphthalate	14.28	163	30355	3.62	ng	# 62
52) 3-Nitroaniline	14.74	138	3661	2.06	ng	# 19
53) 2,4-Dinitrophenol	14.91	184	488	8.18	ng	# 1
59) Diethylphthalate	15.40	149	91345	10.43	ng	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	577	6.00	ng	# 1

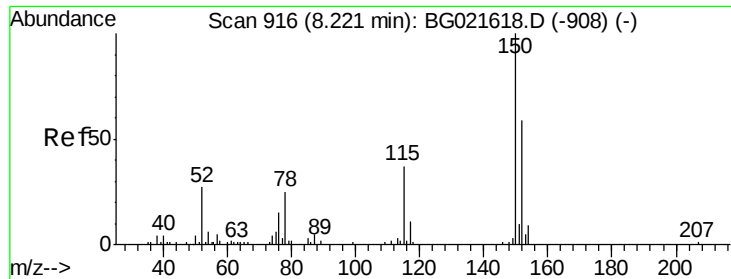
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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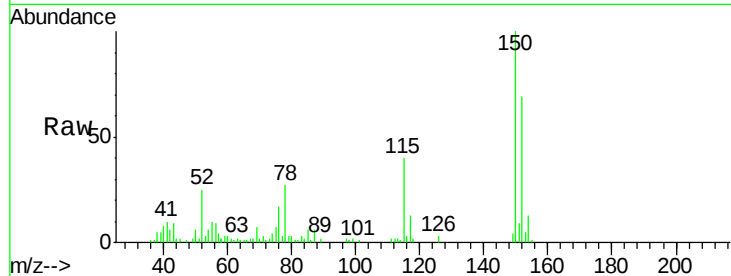


#1

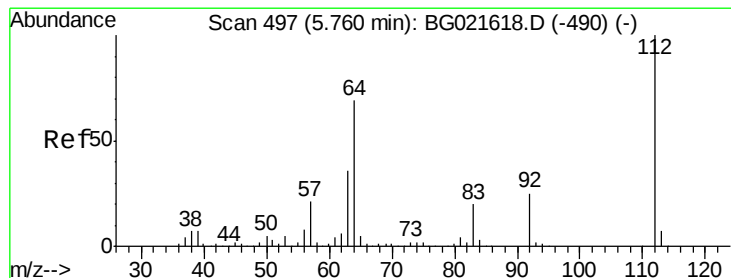
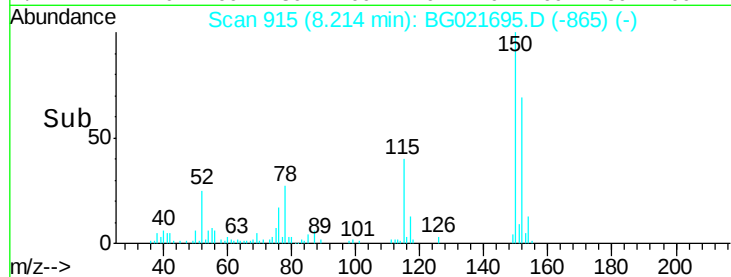
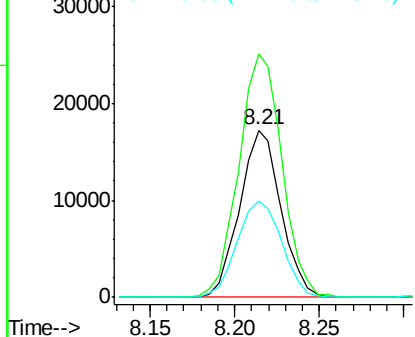
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021695.D
Acq: 15 Apr 2016 21:16

Instrument :
BNA_G
ClientSampleId :
S8-0575

Tgt Ion:152 Resp: 29145
Ion Ratio Lower Upper
152 100
150 146.0 130.1 195.1
115 58.0 62.2 93.2#



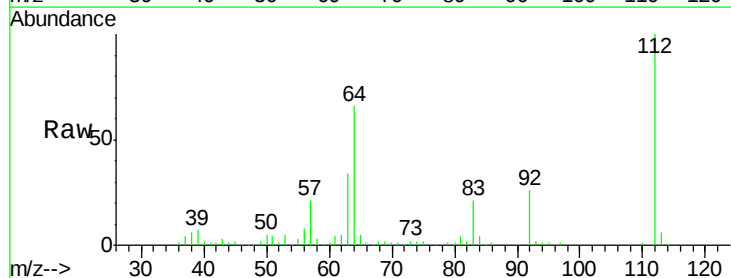
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



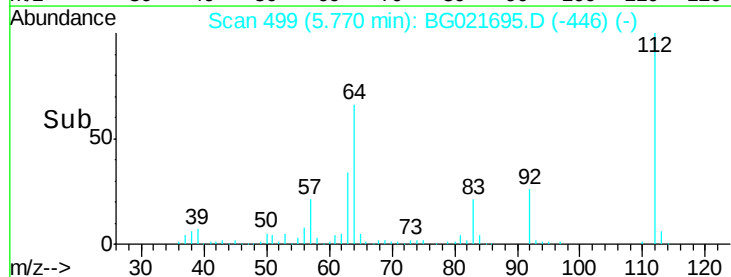
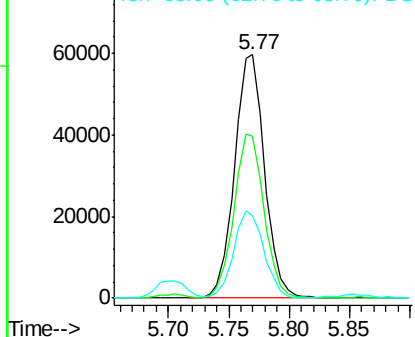
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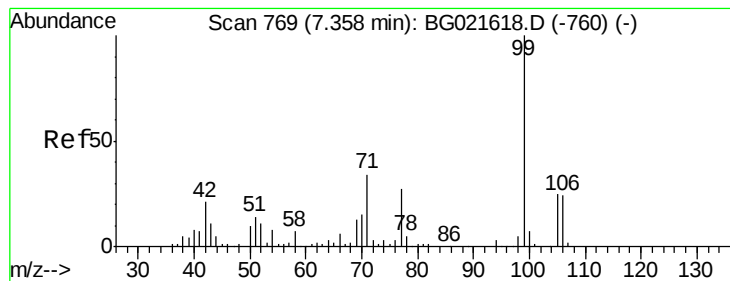
2-Fluorophenol
Concen: 58.90 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021695.D
Acq: 15 Apr 2016 21:16

Tgt Ion:112 Resp: 103084
Ion Ratio Lower Upper
112 100
64 66.3 51.1 76.7
63 33.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.34 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021695.D

Acq: 15 Apr 2016 21:16

Instrument :

BNA_G

ClientSampleId :

S8-0575

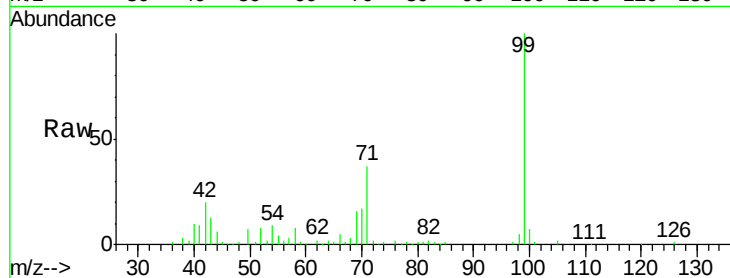
Tgt Ion: 99 Resp: 94998

Ion Ratio Lower Upper

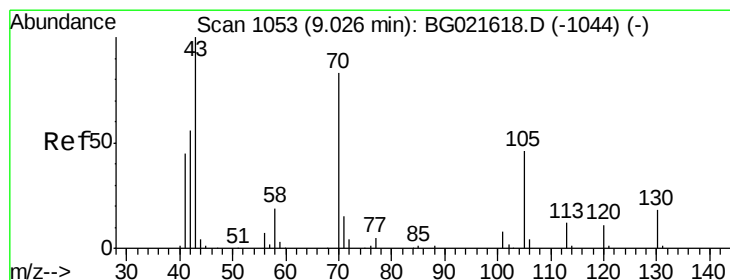
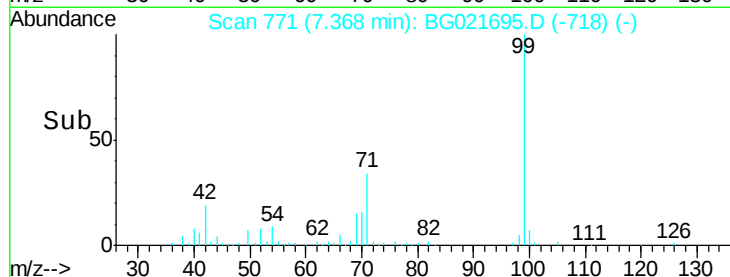
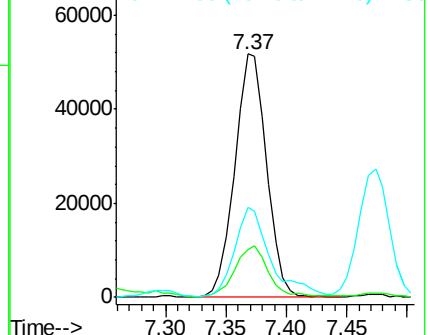
99 100

42 19.7 16.4 24.6

71 37.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 4.34 ng

RT: 9.02 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BG021695.D

Acq: 15 Apr 2016 21:16

Tgt Ion: 70 Resp: 8821

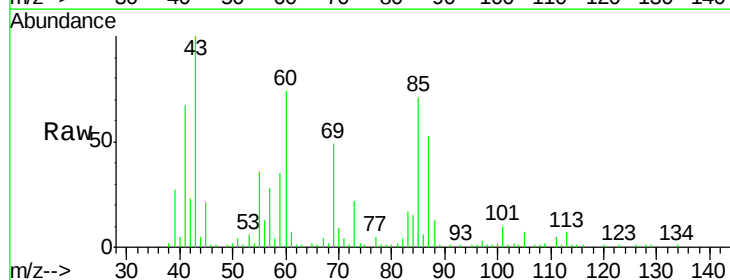
Ion Ratio Lower Upper

70 100

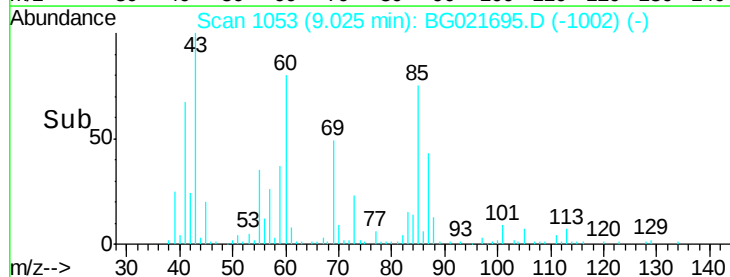
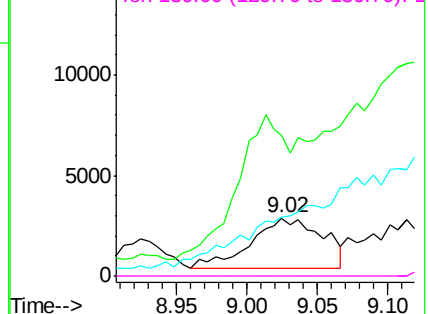
42 241.3 56.7 85.1#

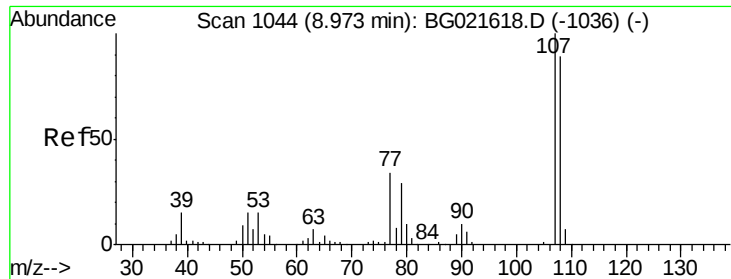
101 101.5 8.2 12.4#

130 0.0 14.0 21.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

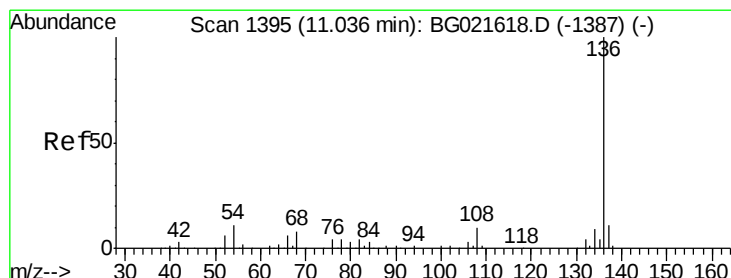
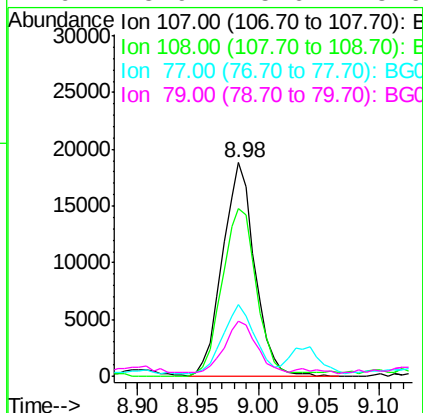
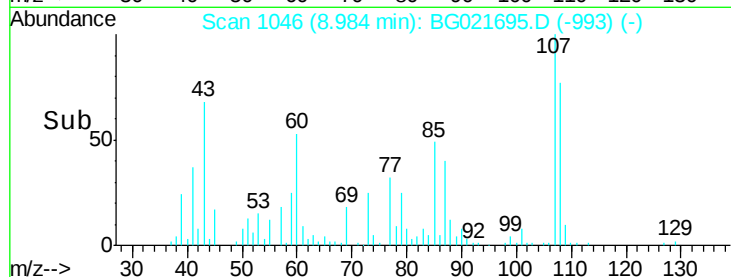
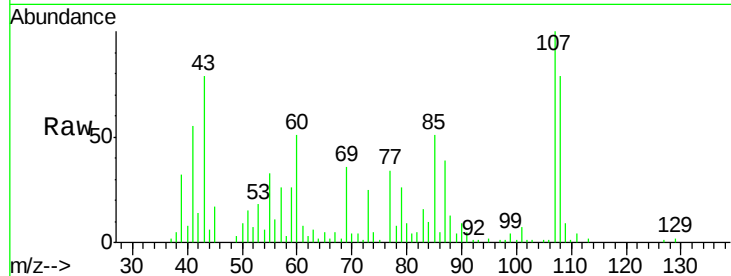




#20
3+4-Methylphenols
Concen: 13.06 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG021695.D
Acq: 15 Apr 2016 21:16

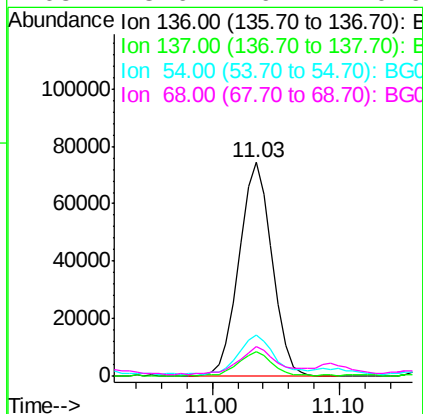
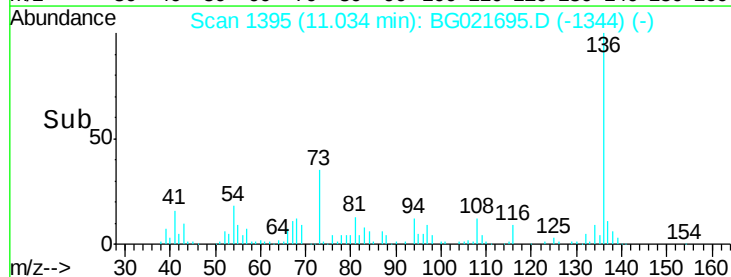
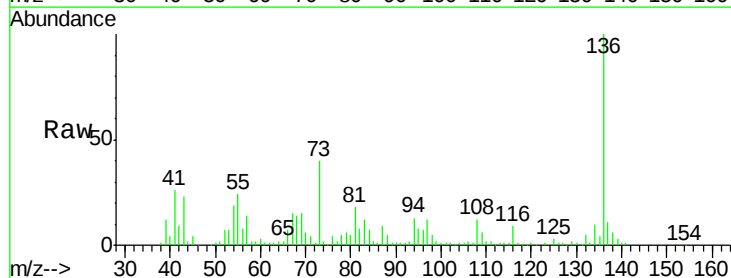
Instrument :
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S8-0575

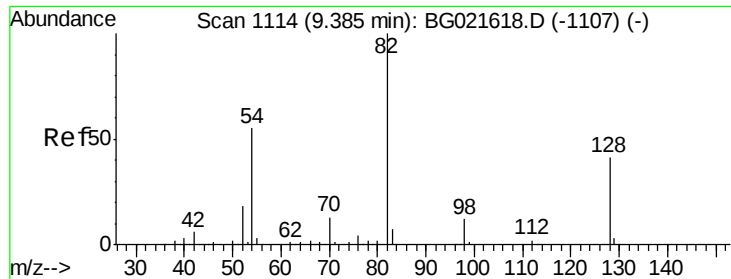
Tgt Ion:107 Resp: 34738
Ion Ratio Lower Upper
107 100
108 78.7 66.2 106.2
77 33.7 11.5 51.5
79 25.9 5.6 45.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021695.D
Acq: 15 Apr 2016 21:16

Tgt Ion:136 Resp: 133765
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 19.1 9.6 14.4#
68 13.6 6.4 9.6#

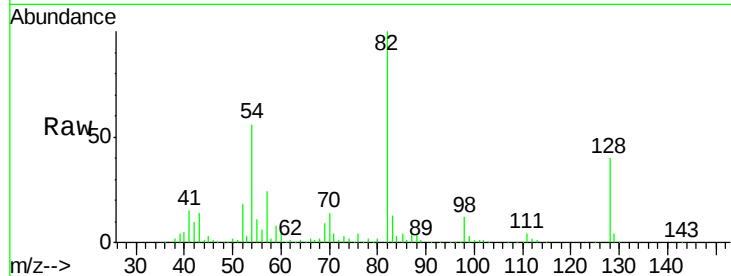




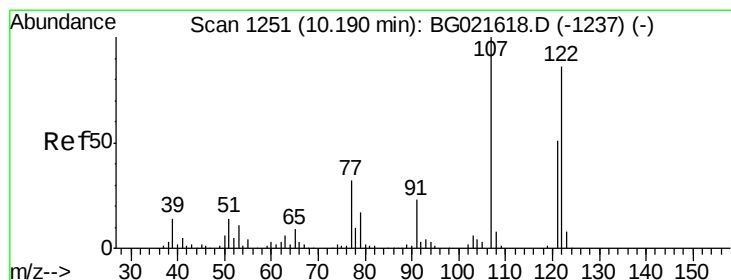
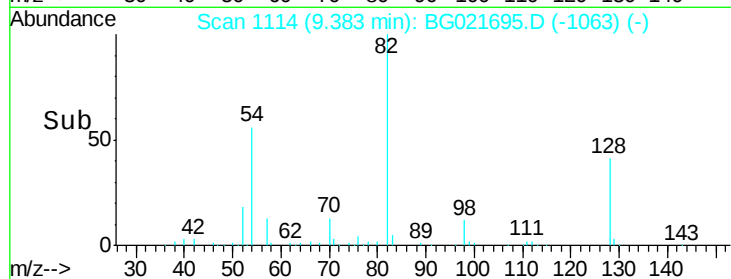
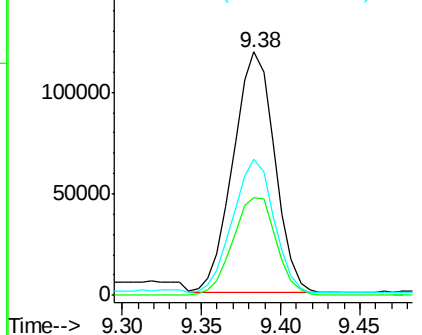
#23
 Nitrobenzene-d5
 Concen: 82.89 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

Instrument :
 BNA_G
 ClientSampleId :
 S8-0575

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.4	50.0
54	56.0	46.1	69.1

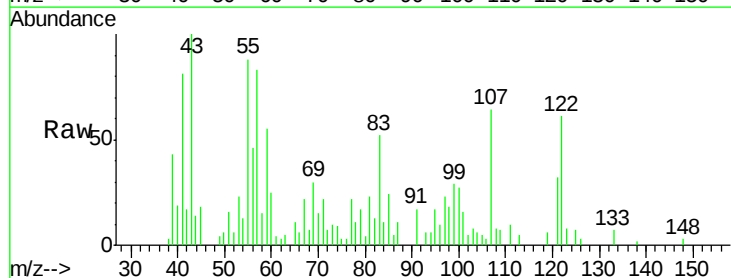


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

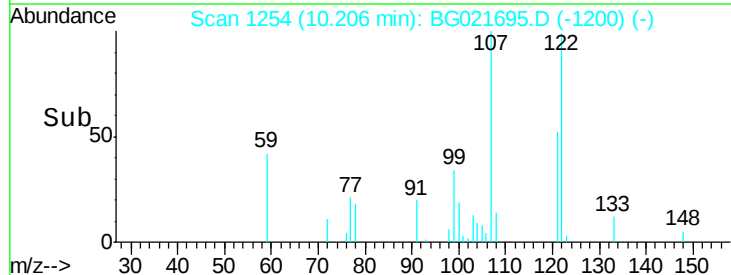
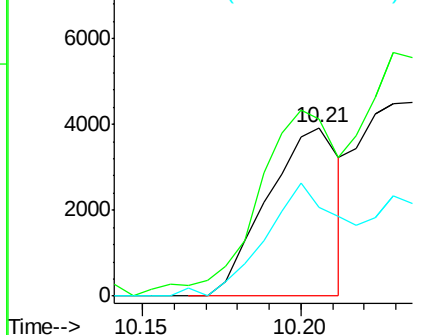


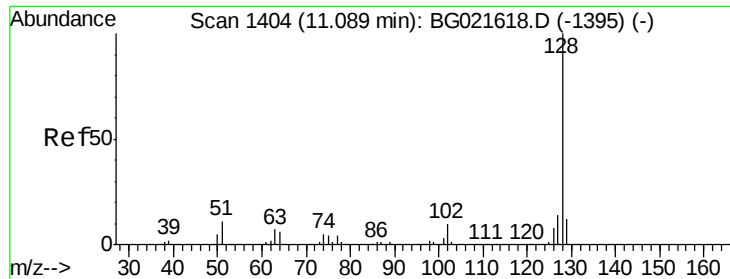
#27
 2,4-Dimethylphenol
 Concen: 2.55 ng
 RT: 10.21 min Scan# 1254
 Delta R.T. 0.02 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.4	97.2	145.8
121	52.5	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

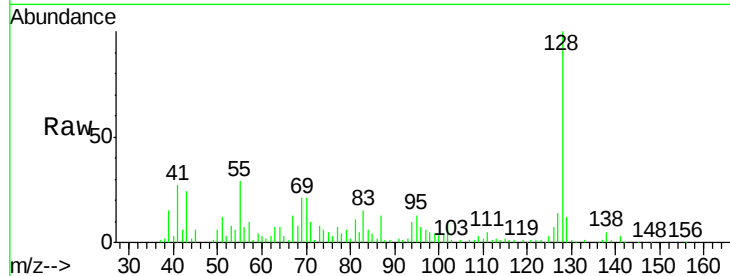




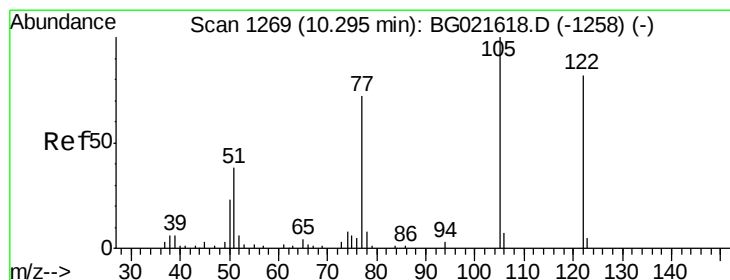
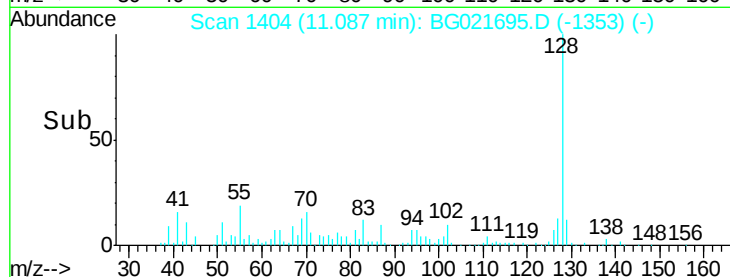
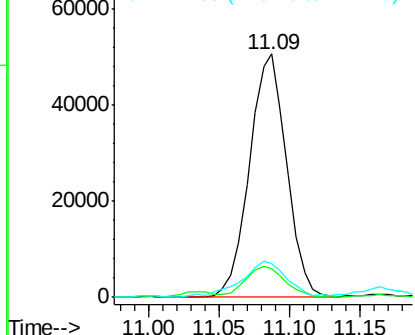
#31
Naphthalene
Concen: 13.01 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021695.D
Acq: 15 Apr 2016 21:16

Instrument :
BNA_G
ClientSampleId :
S8-0575

Tgt Ion:128 Resp: 93125
Ion Ratio Lower Upper
128 100
129 11.7 7.0 10.6#
127 13.7 10.1 15.1

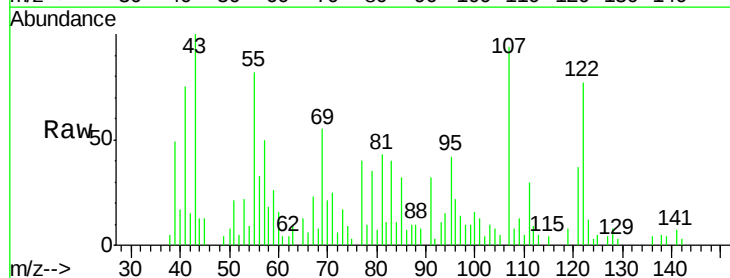


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

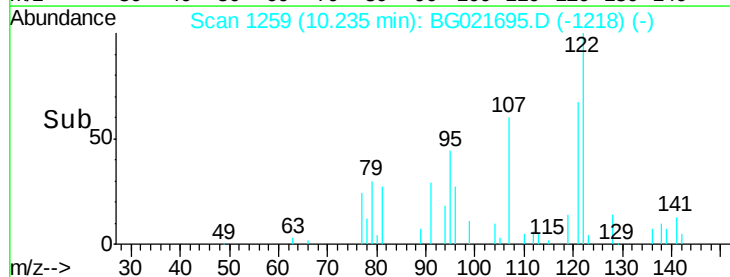
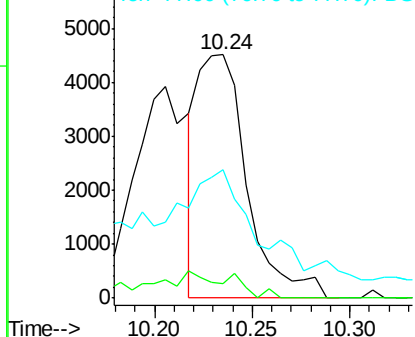


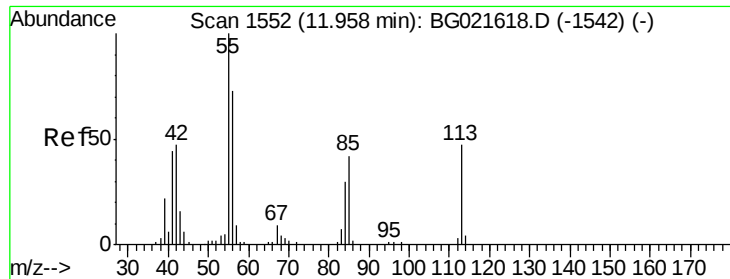
#32
Benzoic acid
Concen: 10.69 ng
RT: 10.24 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BG021695.D
Acq: 15 Apr 2016 21:16

Tgt Ion:122 Resp: 7932
Ion Ratio Lower Upper
122 100
105 5.9 104.5 144.5#
77 52.7 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): BG

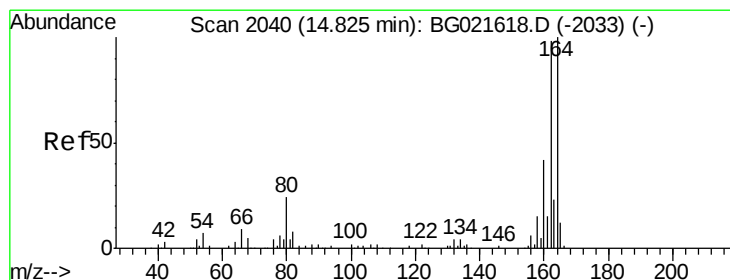
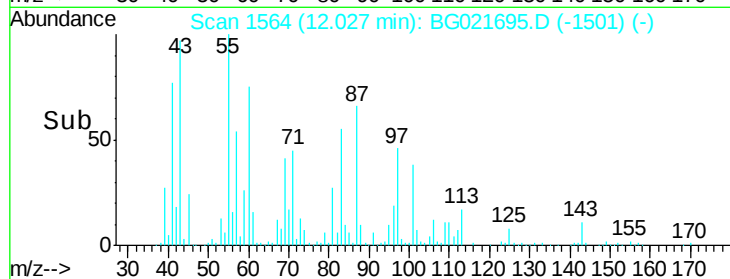
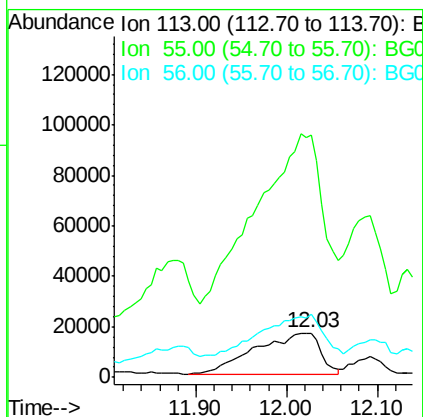
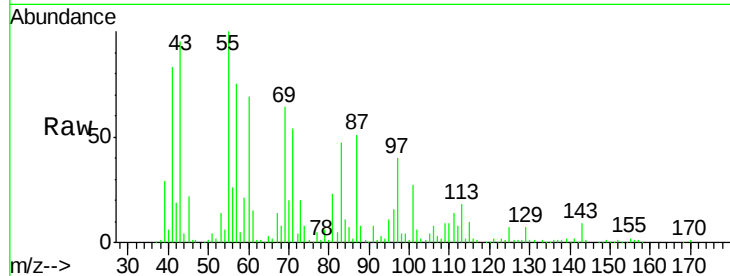




#35
 Caprolactam
 Concen: 84.68 ng
 RT: 12.03 min Scan# 1564
 Delta R.T. 0.07 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

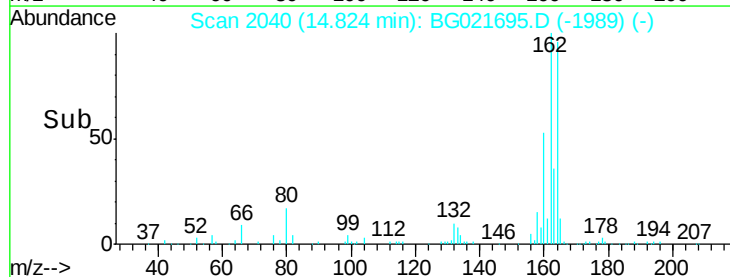
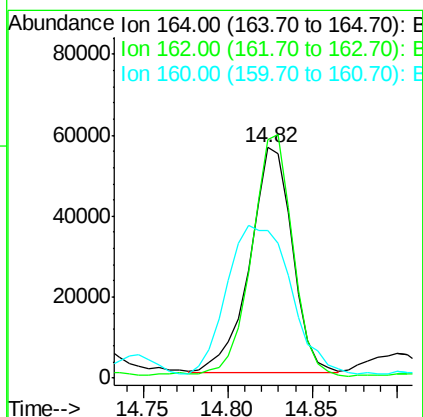
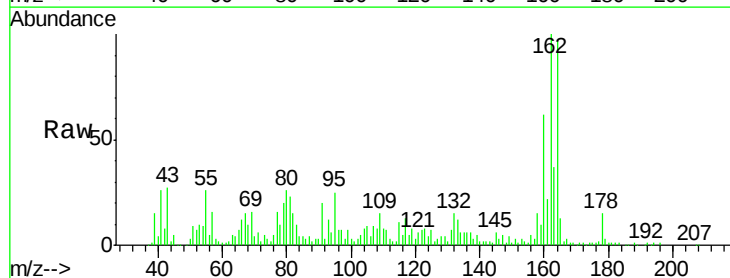
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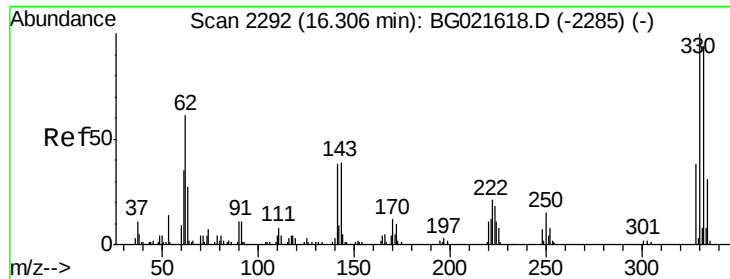
Tgt Ion:113 Resp: 79844
 Ion Ratio Lower Upper
 113 100
 55 547.7 194.2 234.2#
 56 141.7 122.6 162.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

Tgt Ion:164 Resp: 97087
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.0 117.0
 160 64.0 32.9 49.3#





#41

2,4,6-Tribromophenol

Concen: 150.01 ng

RT: 16.32 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BG021695.D

Acq: 15 Apr 2016 21:16

Instrument :

BNA_G

ClientSampleId :

S8-0575

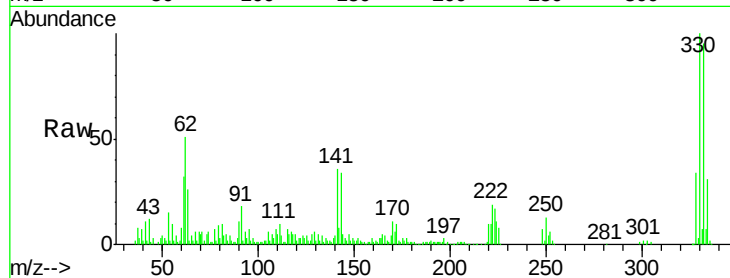
Tgt Ion:330 Resp: 156962

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

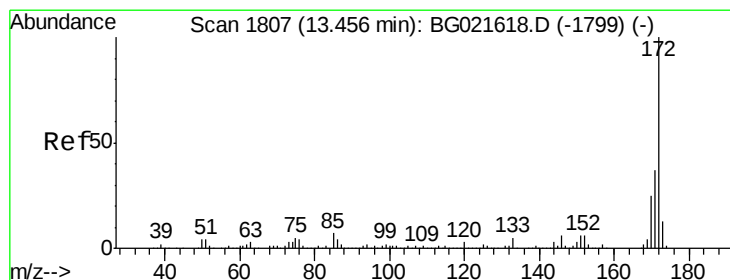
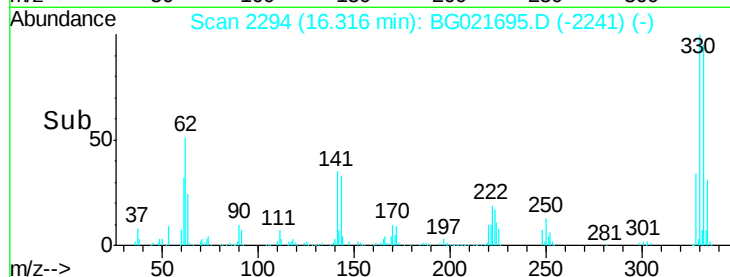
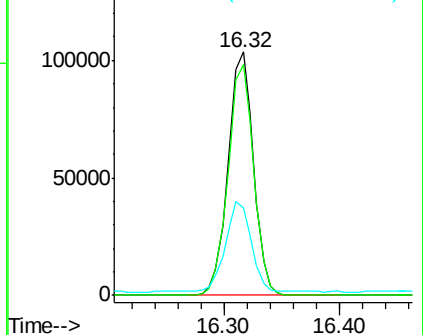
141 37.8 33.8 50.8



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: 79.20 ng

RT: 13.45 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BG021695.D

Acq: 15 Apr 2016 21:16

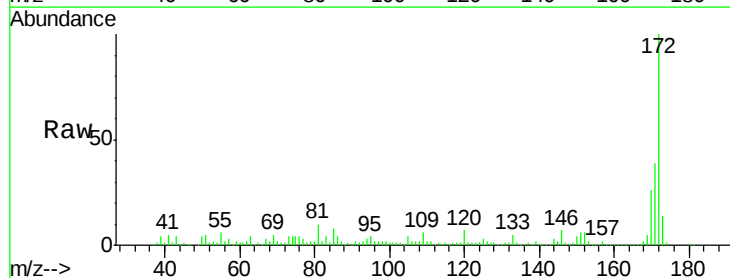
Tgt Ion:172 Resp: 524797

Ion Ratio Lower Upper

172 100

171 38.6 27.8 41.6

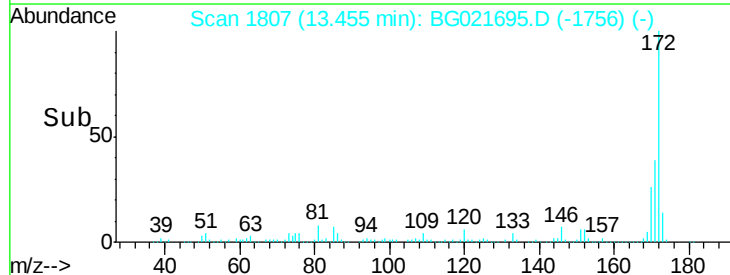
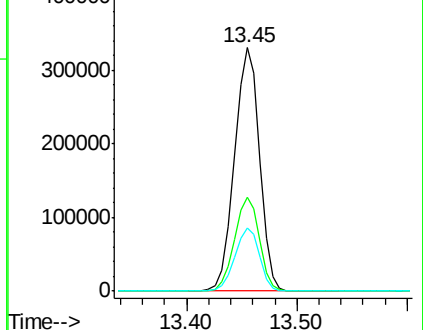
170 25.8 19.6 29.4

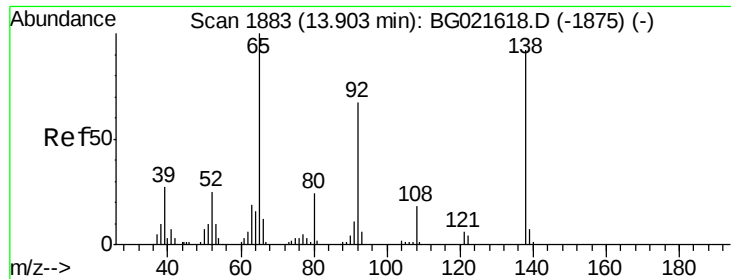


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

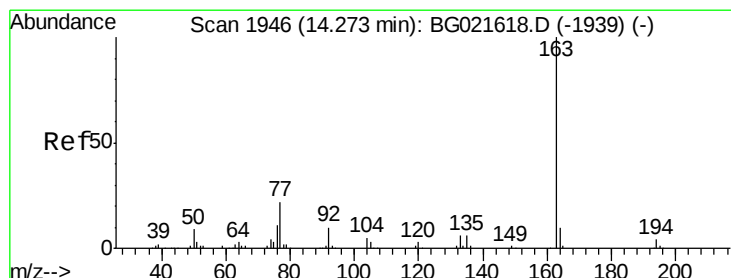
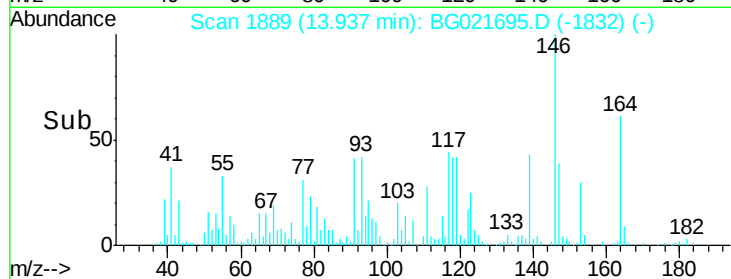
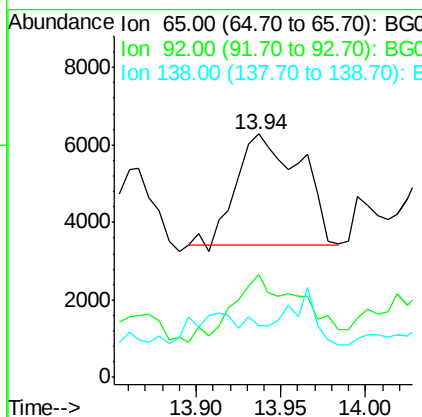
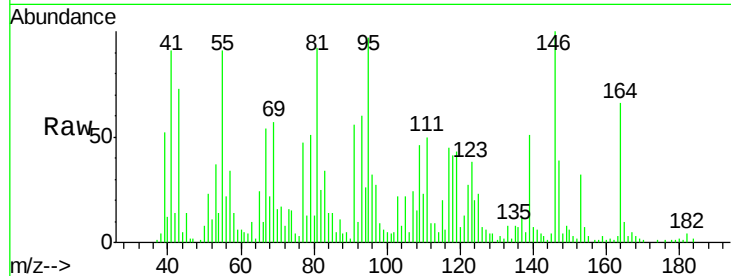




#47
 2-Nitroaniline
 Concen: 3.69 ng
 RT: 13.94 min Scan# 1889
 Delta R.T. 0.03 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

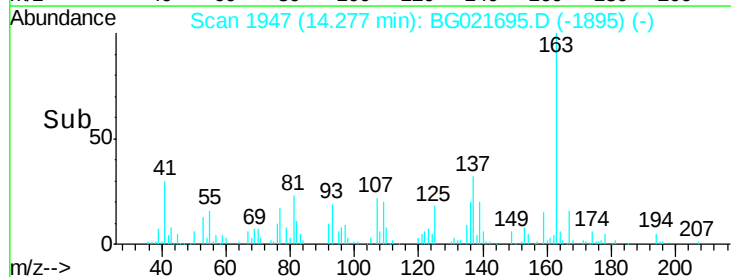
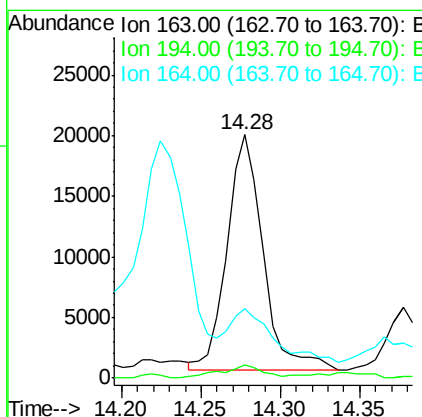
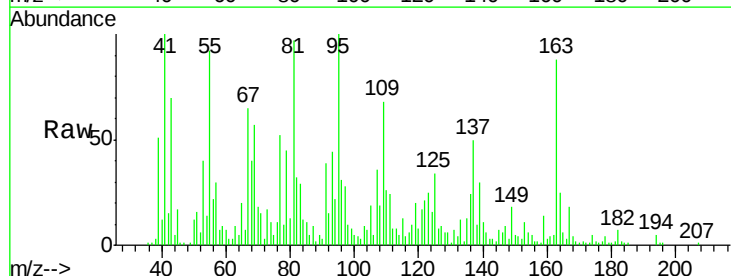
Instrument :
 BNA_G
 ClientSampleId :
 S8-0575

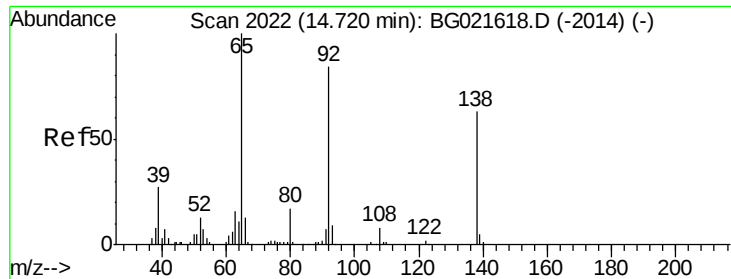
Tgt Ion: 65 Resp: 7659
 Ion Ratio Lower Upper
 65 100
 92 42.3 49.2 73.8#
 138 21.1 75.0 112.6#



#49
 Dimethylphthalate
 Concen: 3.62 ng
 RT: 14.28 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

Tgt Ion: 163 Resp: 30355
 Ion Ratio Lower Upper
 163 100
 194 5.3 3.0 4.6#
 164 28.7 8.1 12.1#





#52

3-Nitroaniline

Concen: 2.06 ng

RT: 14.74 min Scan# 2025

Delta R.T. 0.02 min

Lab File: BG021695.D

Acq: 15 Apr 2016 21:16

Instrument :

BNA_G

ClientSampleId :

S8-0575

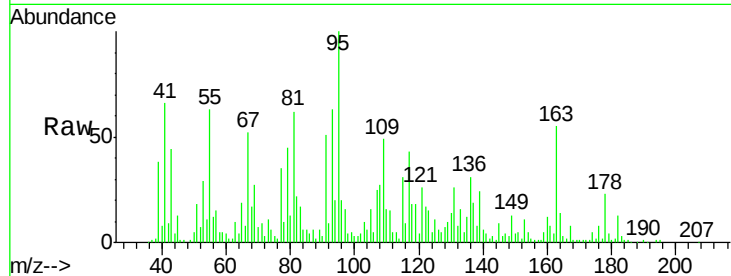
Tgt Ion:138 Resp: 3661

Ion Ratio Lower Upper

138 100

108 360.3 9.1 13.7#

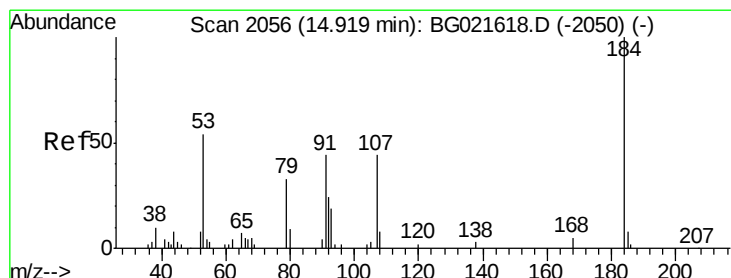
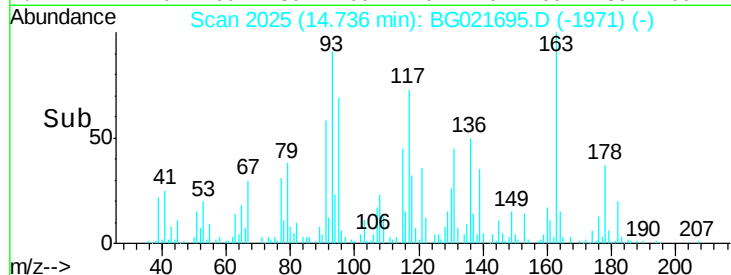
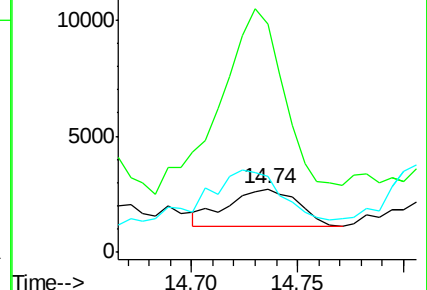
92 120.3 102.6 154.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 8.18 ng

RT: 14.91 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG021695.D

Acq: 15 Apr 2016 21:16

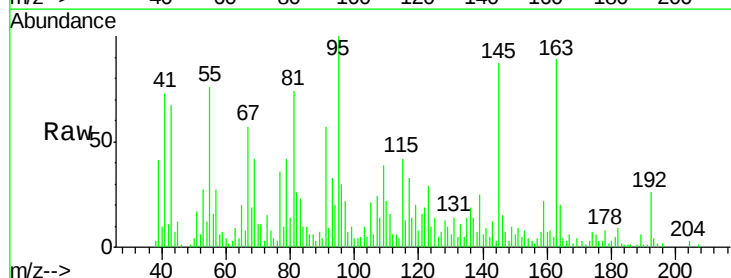
Tgt Ion:184 Resp: 488

Ion Ratio Lower Upper

184 100

63 856.8 57.3 85.9#

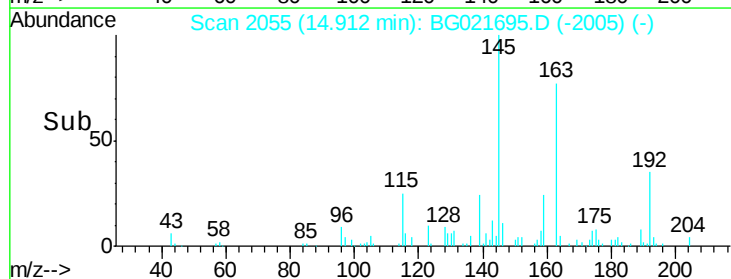
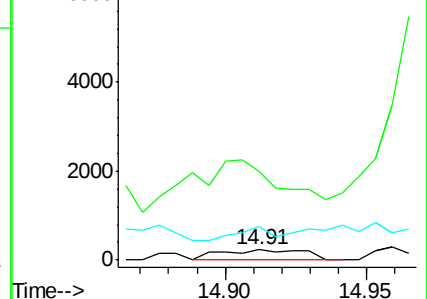
154 329.1 55.2 82.8#

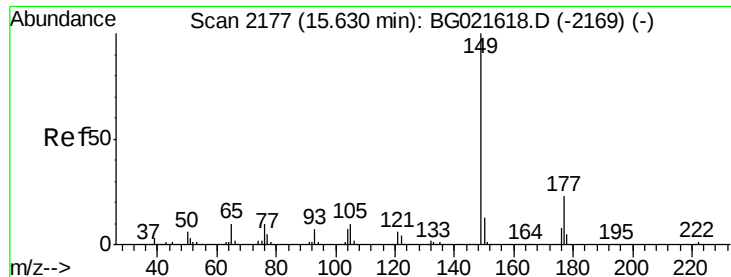


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

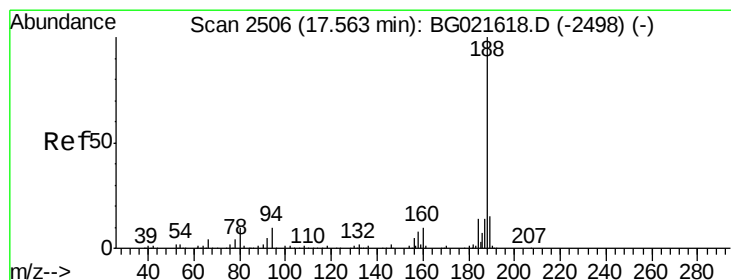
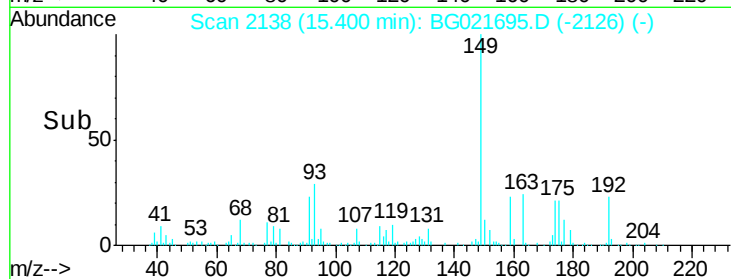
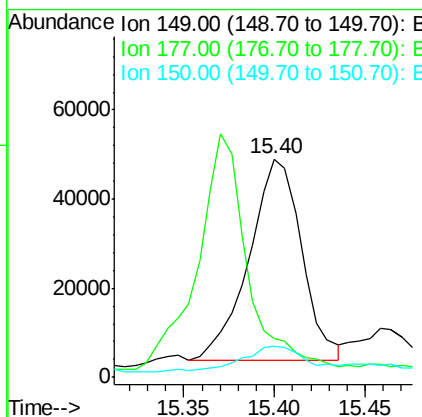
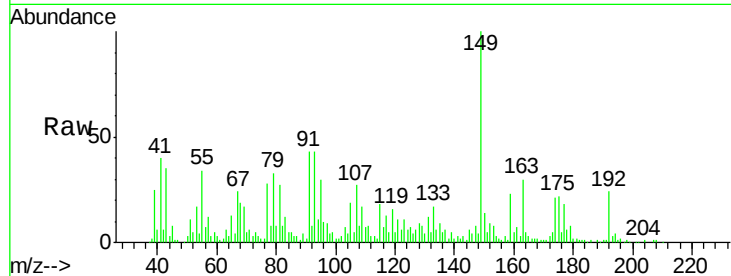




#59
Diethylphthalate
Concen: 10.43 ng
RT: 15.40 min Scan# 2138
Delta R.T. -0.23 min
Lab File: BG021695.D
Acq: 15 Apr 2016 21:16

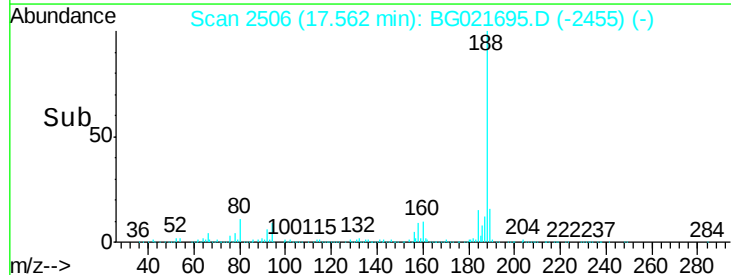
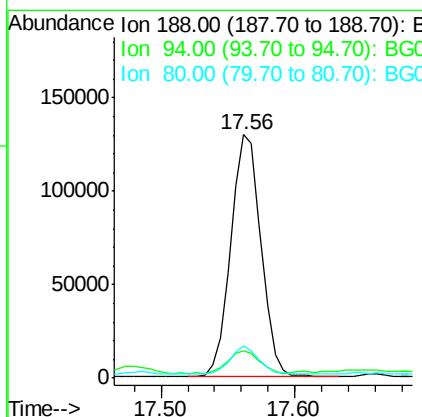
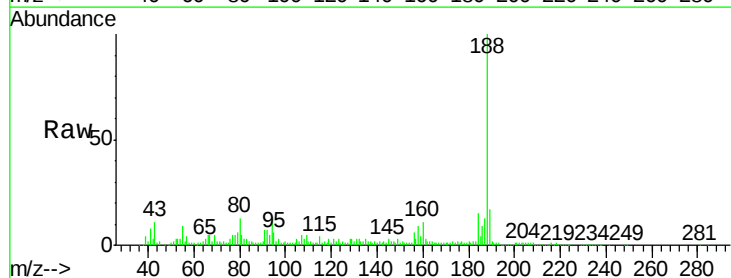
Instrument :
BNA_G
ClientSampleId :
S8-0575

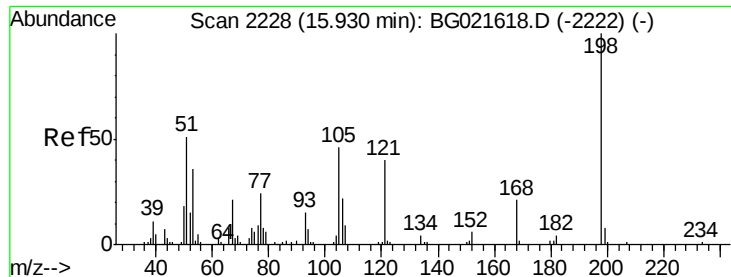
Tgt Ion:149 Resp: 91345
Ion Ratio Lower Upper
149 100
177 17.8 17.3 25.9
150 14.1 9.7 14.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021695.D
Acq: 15 Apr 2016 21:16

Tgt Ion:188 Resp: 204061
Ion Ratio Lower Upper
188 100
94 11.2 7.5 11.3
80 13.4 8.6 13.0#

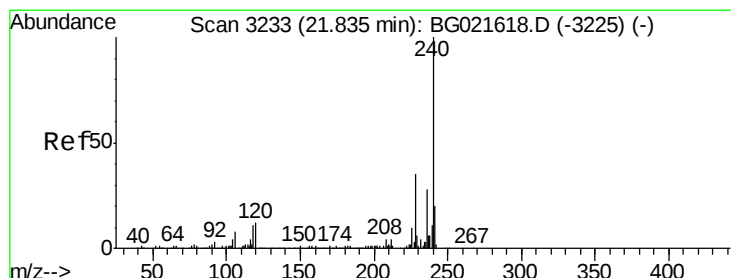
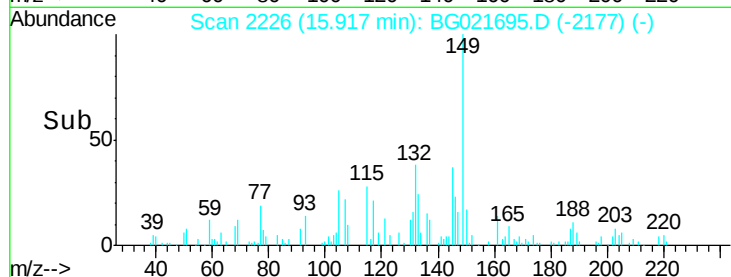
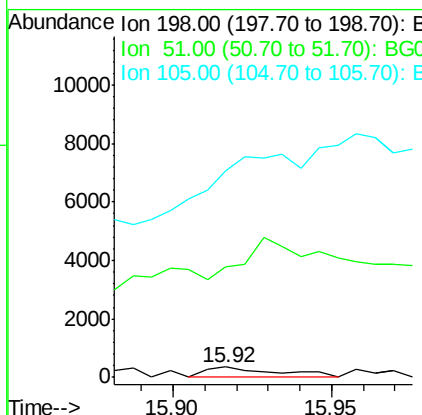
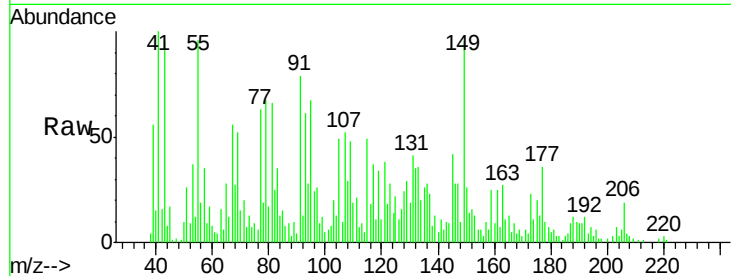




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.00 ng
 RT: 15.92 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

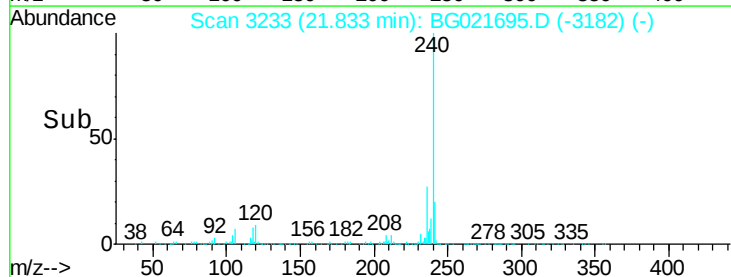
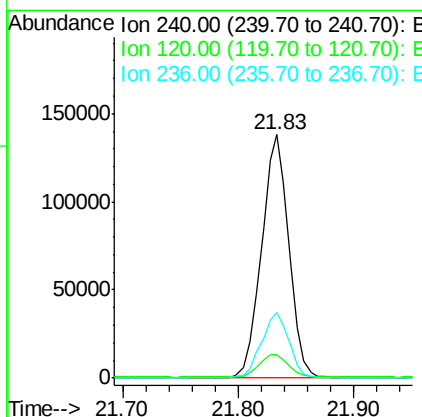
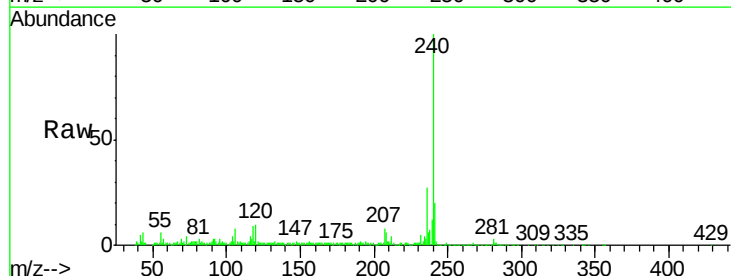
Instrument :
 BNA_G
 ClientSampleId :
 S8-0575

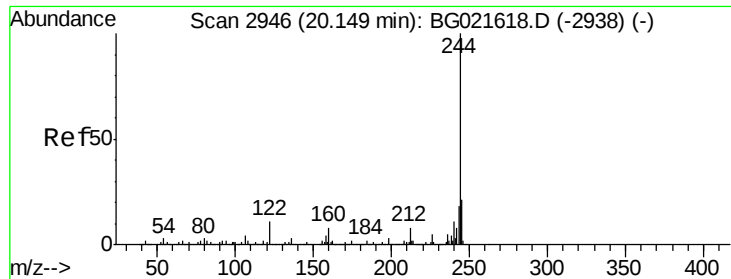
Tgt Ion:198 Resp: 577
 Ion Ratio Lower Upper
 198 100
 51 1062.3 29.2 69.2#
 105 1979.9 24.0 64.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

Tgt Ion:240 Resp: 225584
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.4 12.6
 236 27.0 19.6 29.4

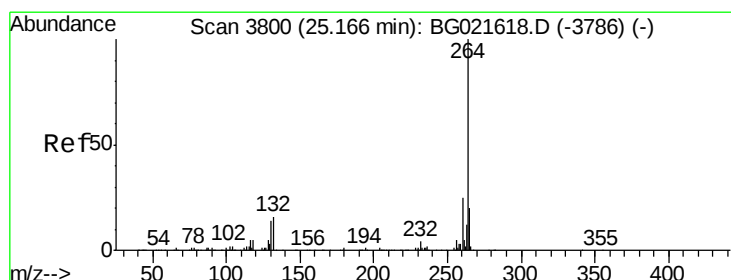
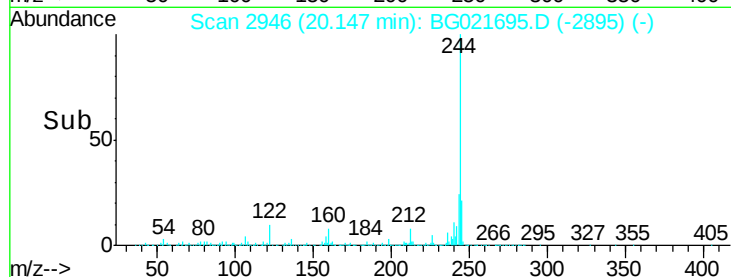
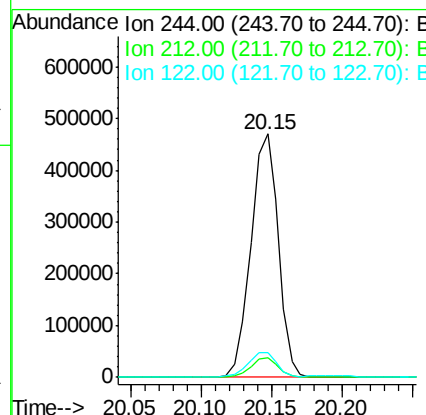
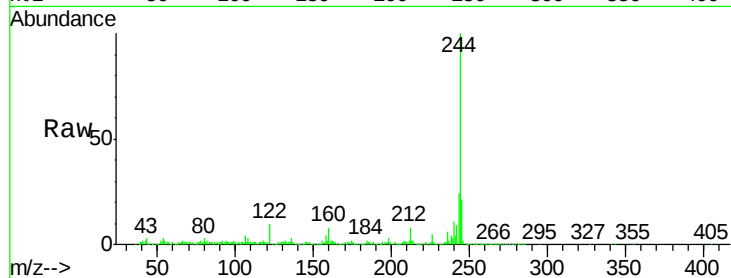




#78
 Terphenyl-d14
 Concen: 70.55 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

Instrument :
 BNA_G
 ClientSampleId :
 S8-0575

Tgt Ion:244 Resp: 637813
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3800
 Delta R.T. -0.00 min
 Lab File: BG021695.D
 Acq: 15 Apr 2016 21:16

Tgt Ion:264 Resp: 223193
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.2 30.4
 265 22.8 17.8 26.8

