

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030955.D
 Acq On : 11 Nov 2017 22:45
 Operator : SJ/JU
 Sample : I6436-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:23:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

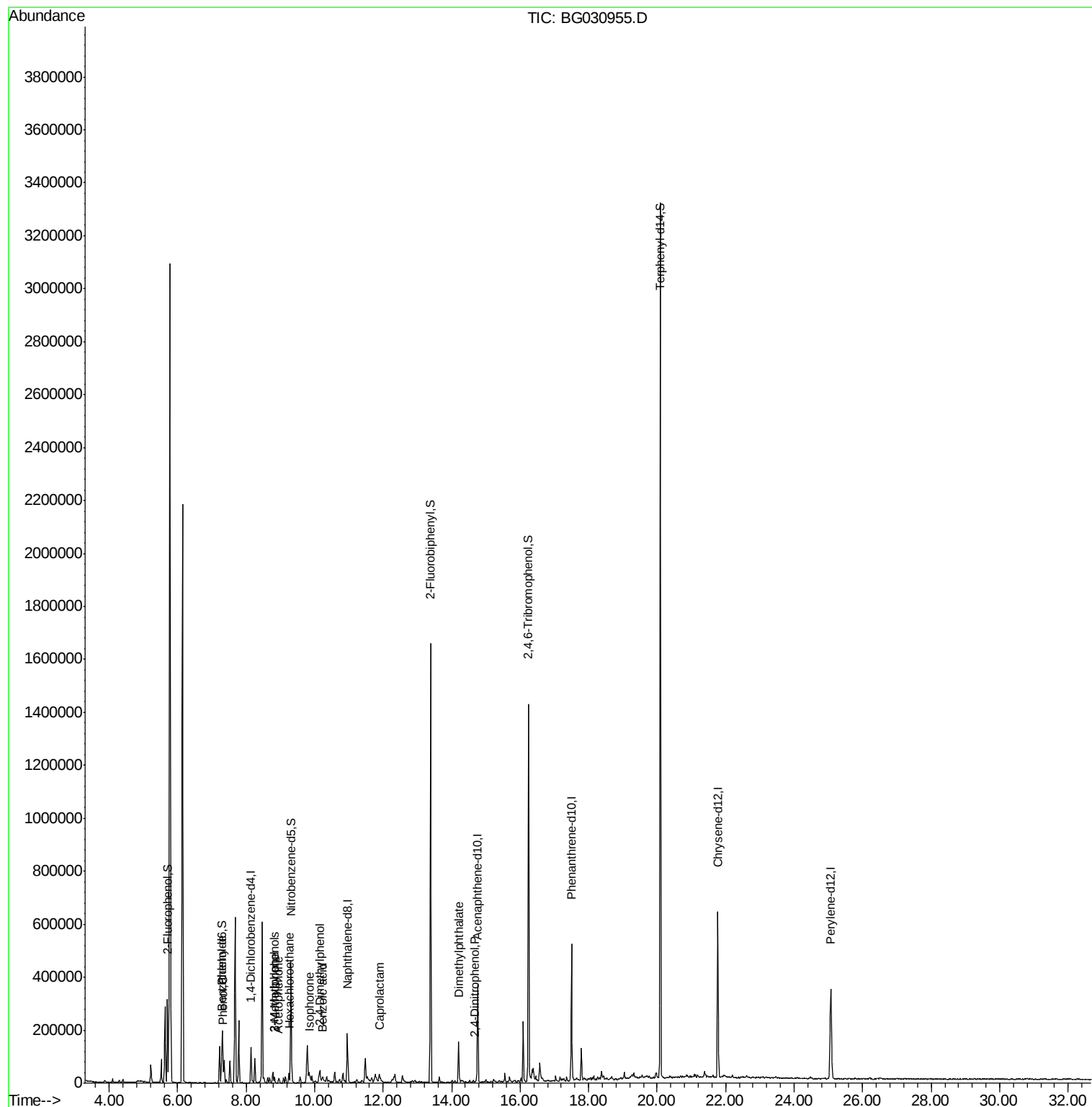
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38157	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	173251	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	129533	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	335816	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	408745	20.00	ng	-0.01
86) Perylene-d12	25.07	264	411844	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	151497	68.08	ng	0.00
7) Phenol-d6	7.30	99	121107	40.40	ng	0.00
23) Nitrobenzene-d5	9.31	82	288441	98.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	328990	157.00	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	897924	99.61	ng	-0.01
78) Terphenyl-d14	20.09	244	1646973	88.97	ng	0.00
Target Compounds						
9) Benzaldehyde	7.28	77	4711	2.246	ng	Qvalue # 1
10) Phenol	7.33	94	8765	2.815	ng	# 93
17) 2-Methylphenol	8.82	107	6640	3.063	ng	# 25
18) Hexachloroethane	9.25	117	2411	2.373	ng	# 1
20) 3+4-Methylphenols	8.82	107	6863	2.226	ng	# 16
22) Acetophenone	8.95	105	15534	3.601	ng	# 66
25) Isophorone	9.87	82	16827	2.951	ng	# 91
27) 2,4-Dimethylphenol	10.16	122	18906	8.180	ng	# 91
32) Benzoic acid	10.24	122	11805	11.071	ng	# 76
35) Caprolactam	11.89	113	4622	4.077	ng	# 76
49) Dimethylphthalate	14.20	163	113902	10.170	ng	# 99
53) 2,4-Dinitrophenol	14.67	184	53	5.904	ng	# 1

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
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Quant Time: Nov 13 03:23:57 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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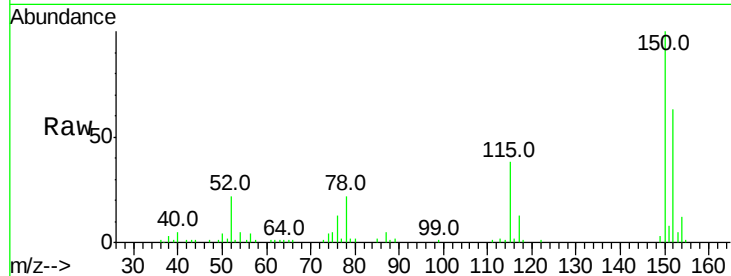


#1

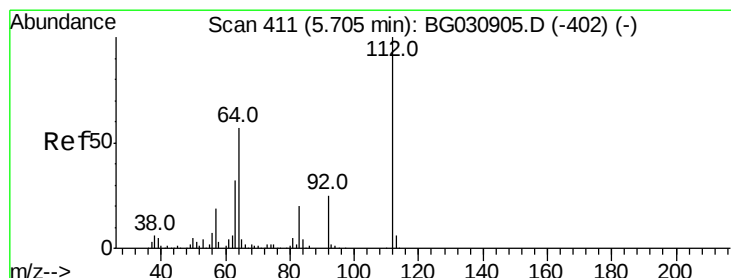
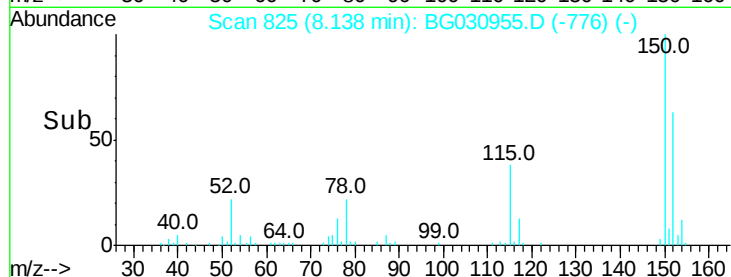
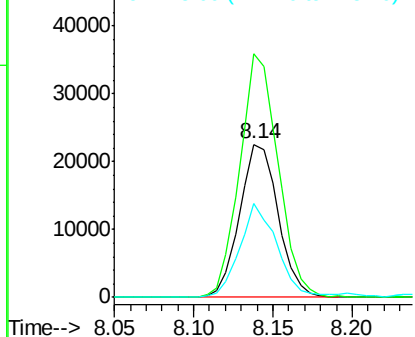
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 38157
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 61.0 53.0 79.4



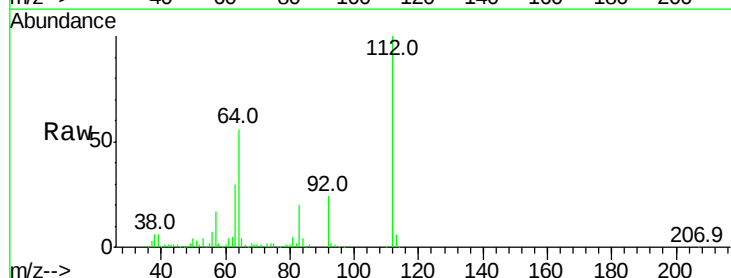
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



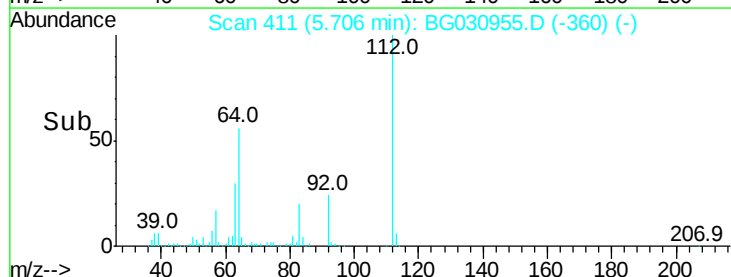
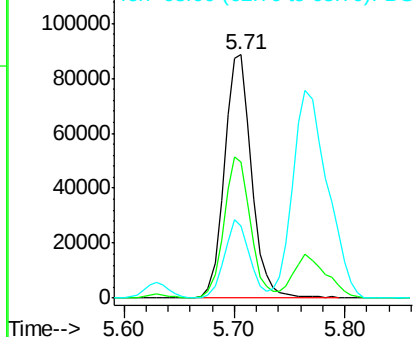
#5

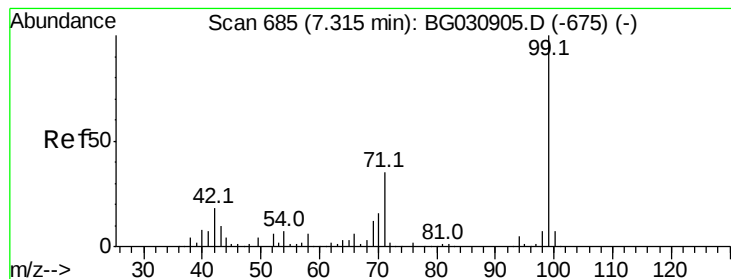
2-Fluorophenol
Concen: 68.082 ng
RT: 5.71 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Tgt Ion:112 Resp: 151497
Ion Ratio Lower Upper
112 100
64 55.7 56.3 84.5#
63 29.9 30.1 45.1#



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





#7

Phenol-d6

Concen: 40.398 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

Instrument :

BNA_G

ClientSampleId :

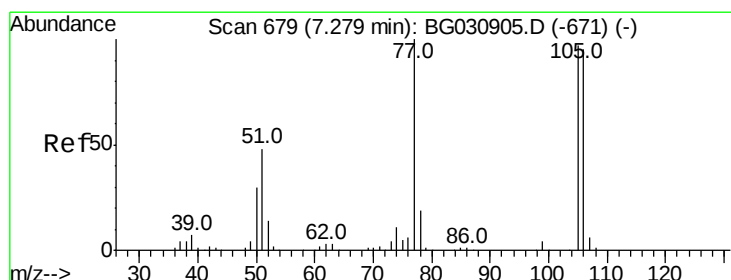
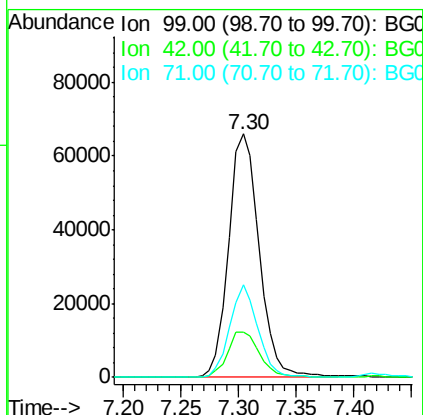
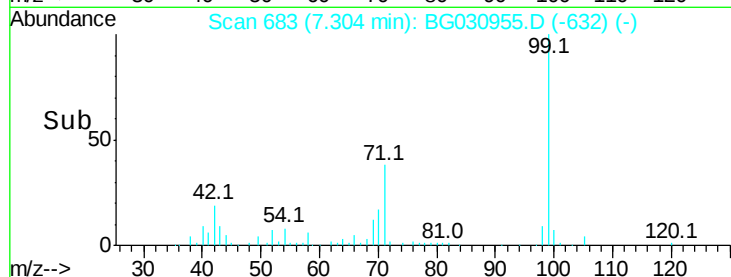
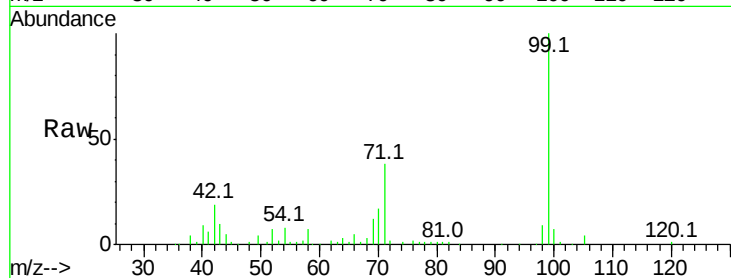
Tot Ion: 99 Resp: 121107

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

71 37.9 26.1 39.1



#9

Benzaldehyde

Concen: 2.246 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

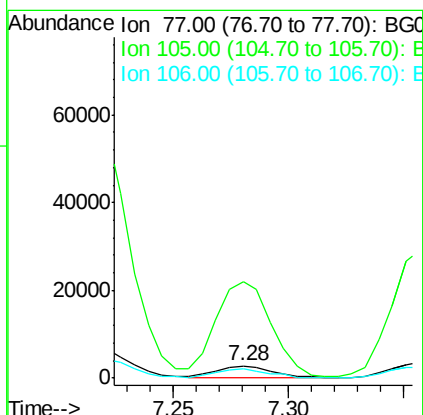
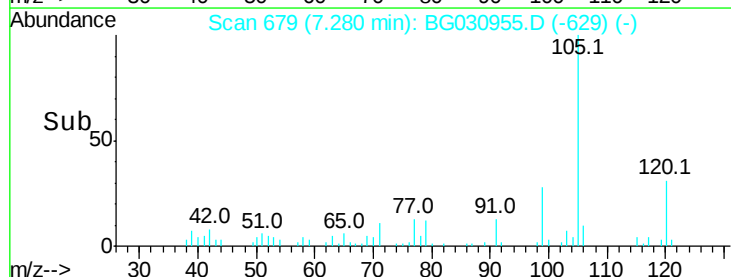
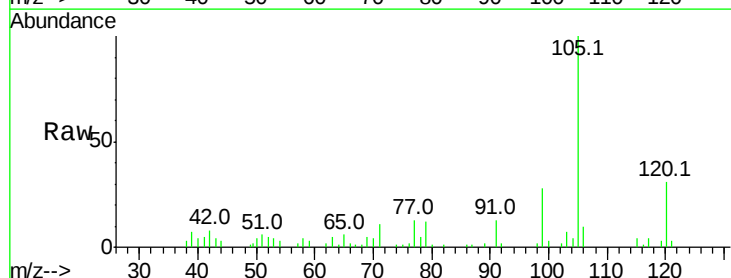
Tgt Ion: 77 Resp: 4711

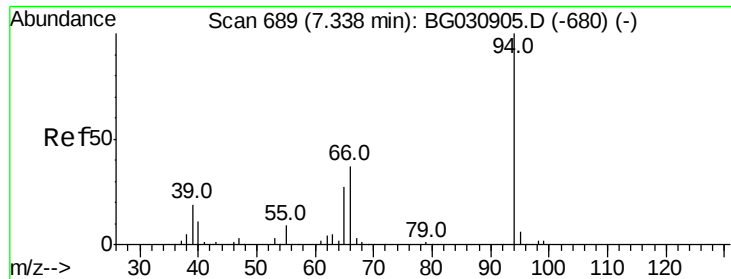
Ion Ratio Lower Upper

77 100

105 769.8 71.3 111.3#

106 79.1 64.2 104.2





#10

Phenol

Concen: 2.815 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

Instrument :

BNA_G

ClientSampleId :

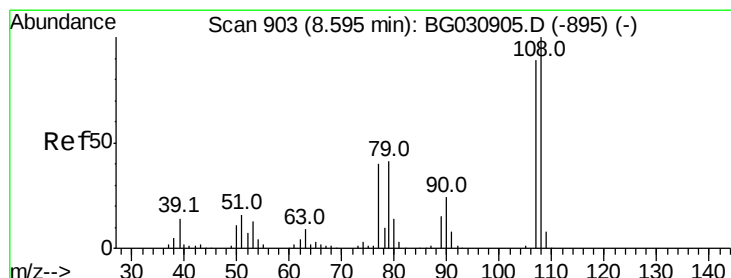
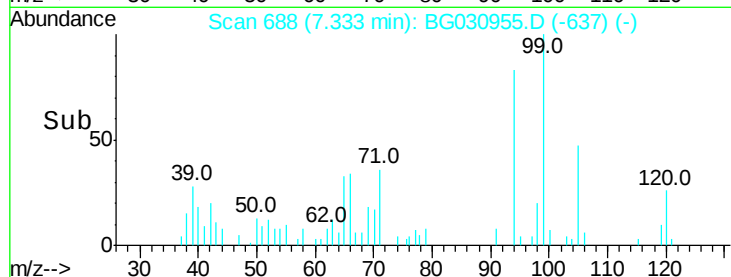
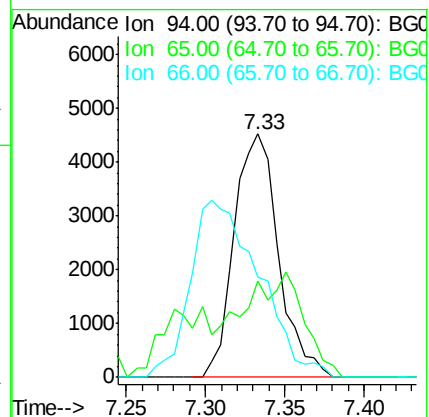
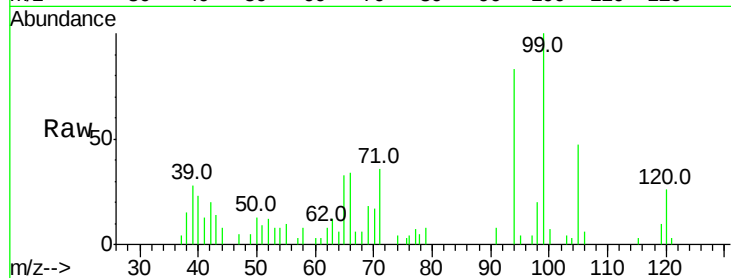
Tot Ion: 94 Resp: 8765

Ion Ratio Lower Upper

94 100

65 39.5 11.9 51.9

66 40.9 22.2 62.2



#17

2-Methylphenol

Concen: 3.063 ng

RT: 8.82 min Scan# 941

Delta R.T. 0.23 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

Tgt Ion: 107 Resp: 6640

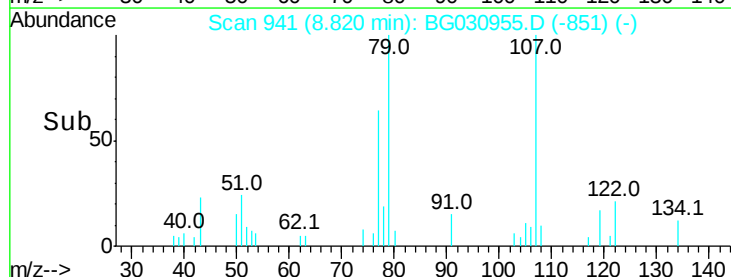
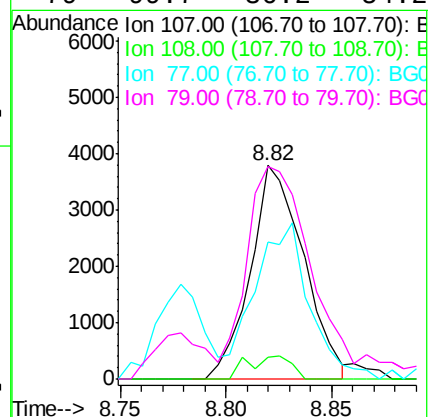
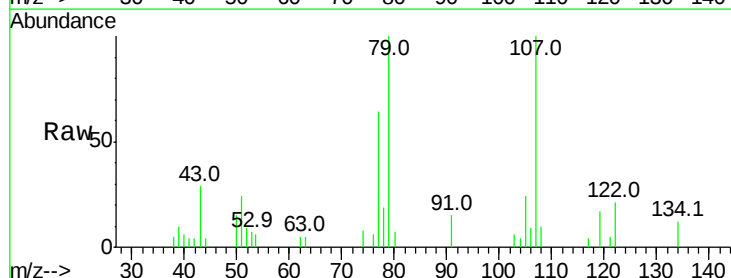
Ion Ratio Lower Upper

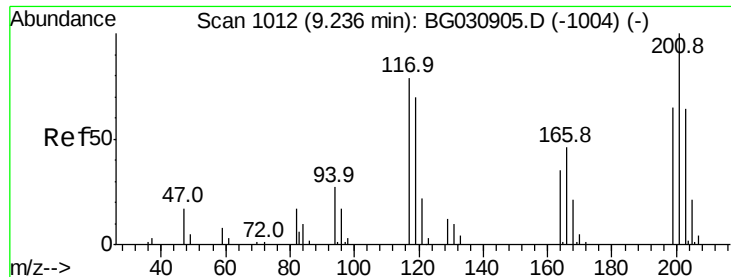
107 100

108 10.2 83.9 125.9#

77 63.9 37.2 55.8#

79 99.7 36.2 54.2#

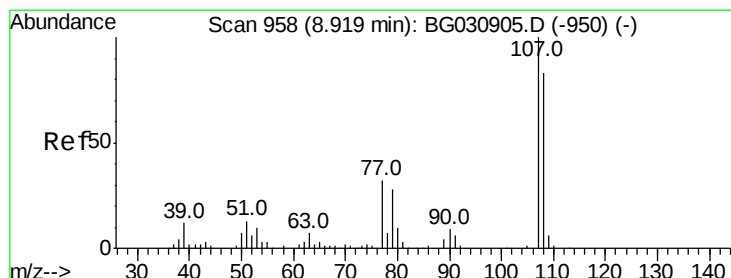
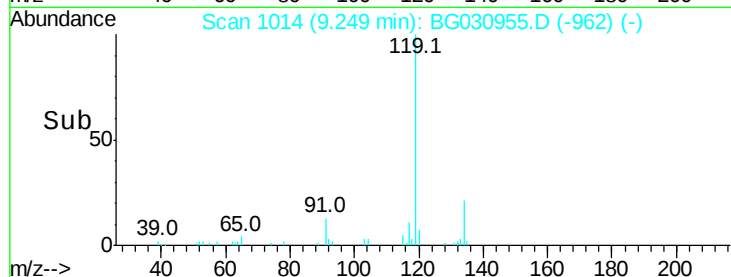
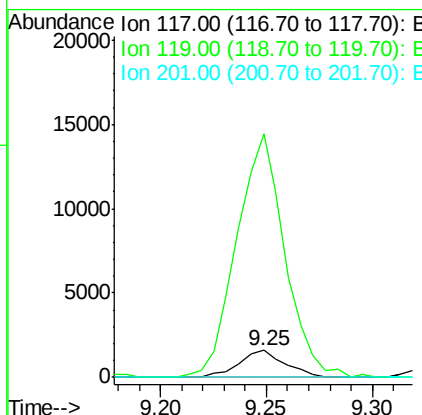
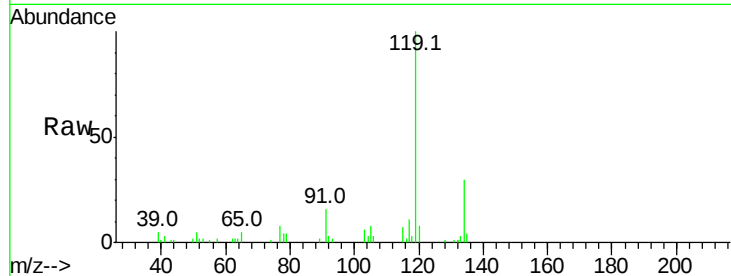




#18
 Hexachloroethane
 Concen: 2.373 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BG030955.D
 Acq: 11 Nov 2017 22:45

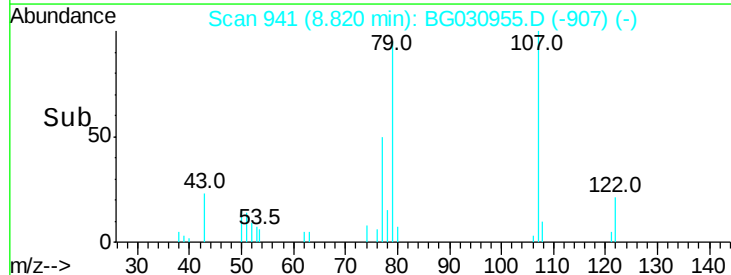
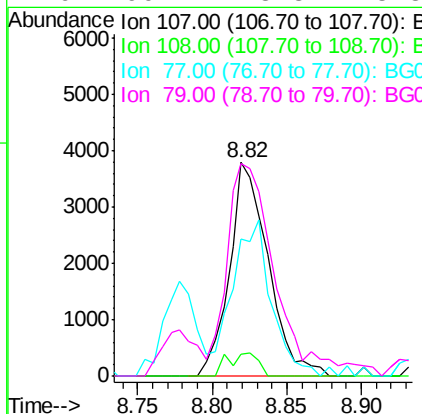
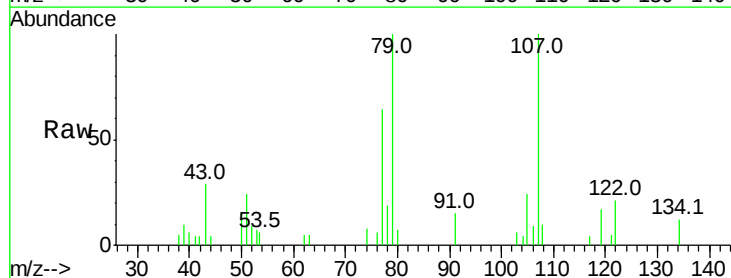
Instrument :
 BNA_G
 ClientSampleId :

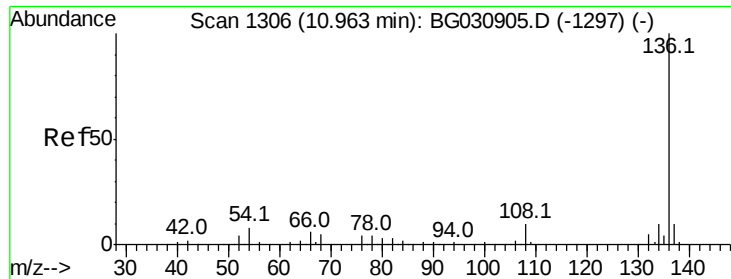
Tot Ion:117 Resp: 2411
 Ion Ratio Lower Upper
 117 100
 119 904.6 76.7 115.1#
 201 0.0 95.7 143.5#



#20
 3+4-Methylphenols
 Concen: 2.226 ng
 RT: 8.82 min Scan# 941
 Delta R.T. -0.10 min
 Lab File: BG030955.D
 Acq: 11 Nov 2017 22:45

Tgt Ion:107 Resp: 6863
 Ion Ratio Lower Upper
 107 100
 108 10.2 61.6 101.6#
 77 63.9 13.9 53.9#
 79 99.7 8.8 48.8#

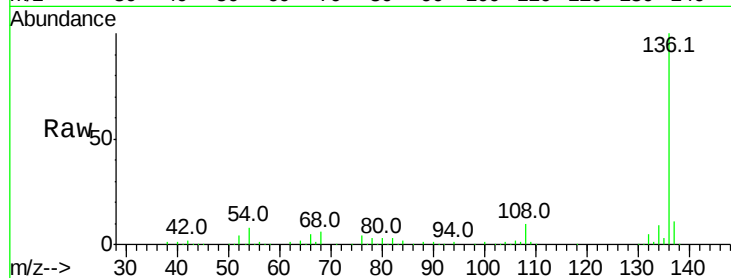




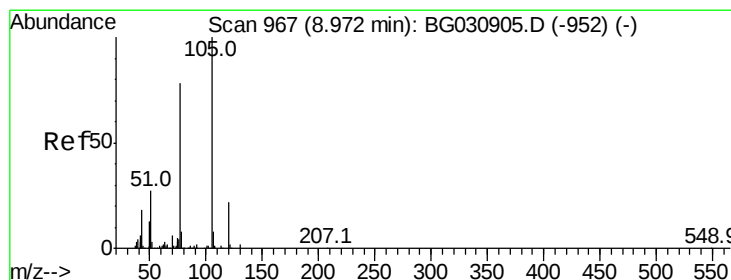
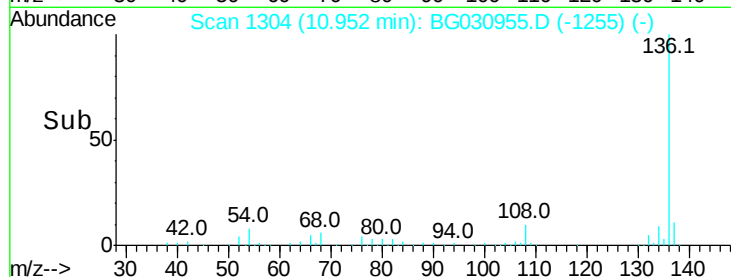
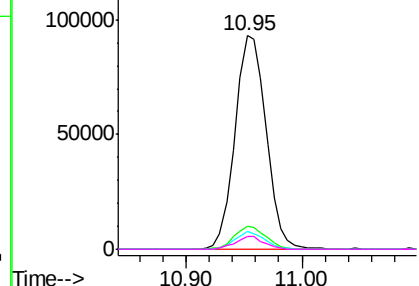
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	173251
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	8.2	10.3 15.5#
68	5.8	4.5 6.7

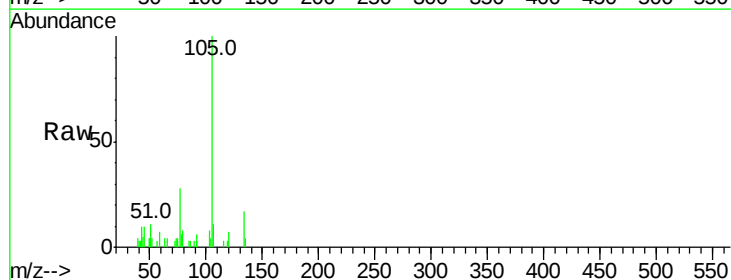


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

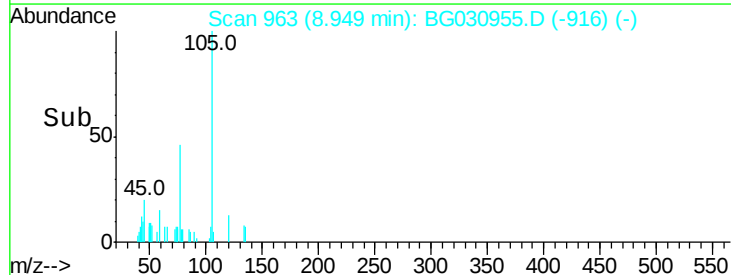
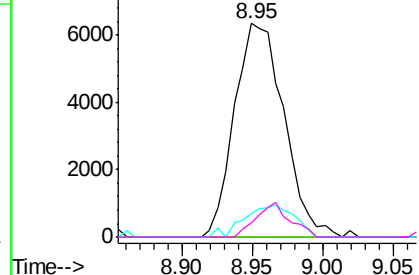


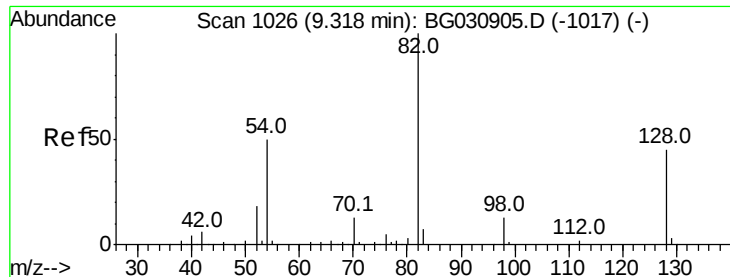
#22
Acetophenone
Concen: 3.601 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Tgt Ion:105	Resp:	15534
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	11.0	26.1 39.1#
120	6.6	17.4 26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

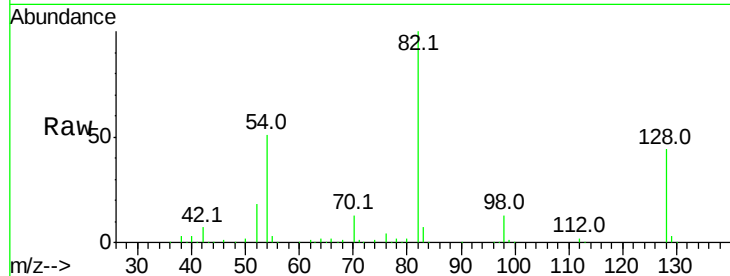




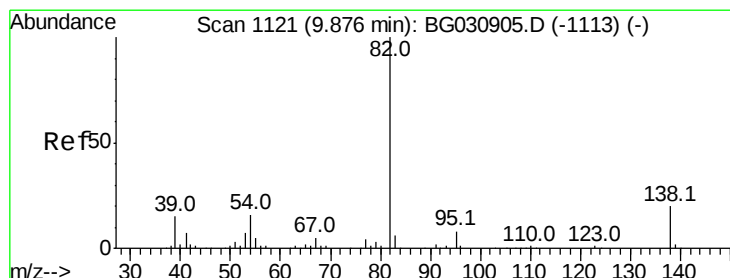
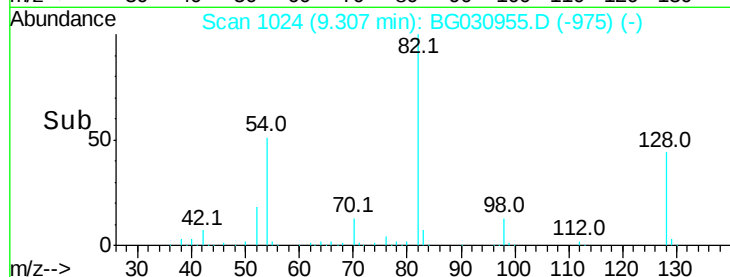
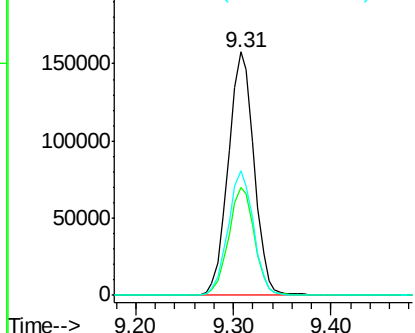
#23
 Nitrobenzene-d5
 Concen: 98.654 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG030955.D
 Acq: 11 Nov 2017 22:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 288441
 Ion Ratio Lower Upper
 82 100
 128 44.3 29.7 44.5
 54 51.4 43.1 64.7

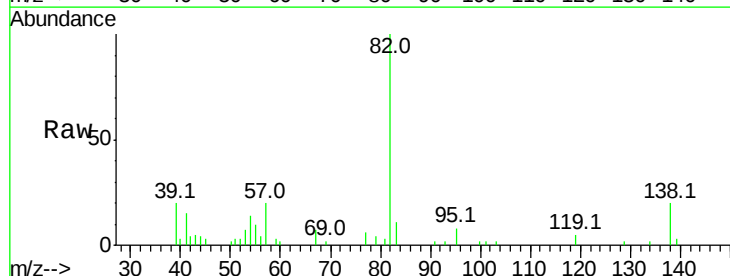


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

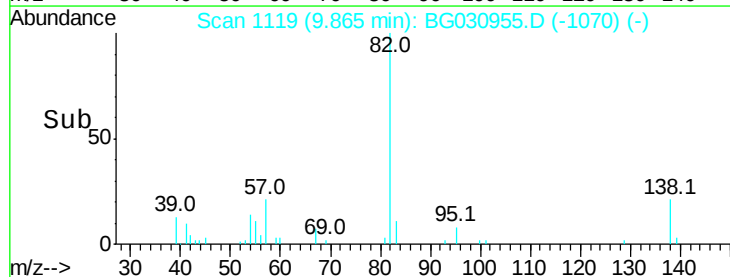
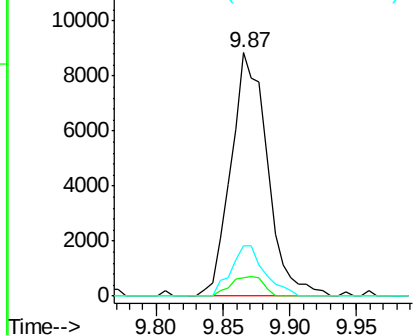


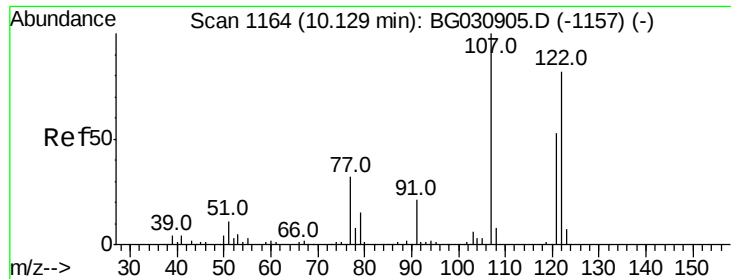
#25
 Isophorone
 Concen: 2.951 ng
 RT: 9.87 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BG030955.D
 Acq: 11 Nov 2017 22:45

Tgt Ion: 82 Resp: 16827
 Ion Ratio Lower Upper
 82 100
 95 7.7 6.2 9.2
 138 20.5 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

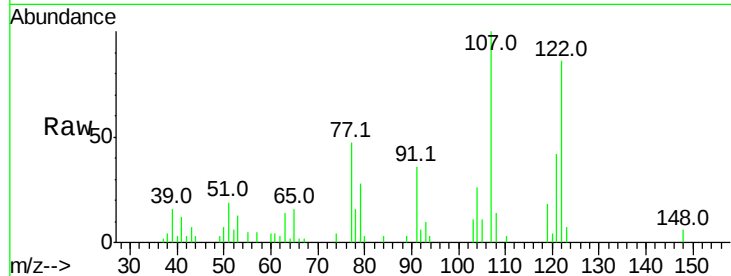




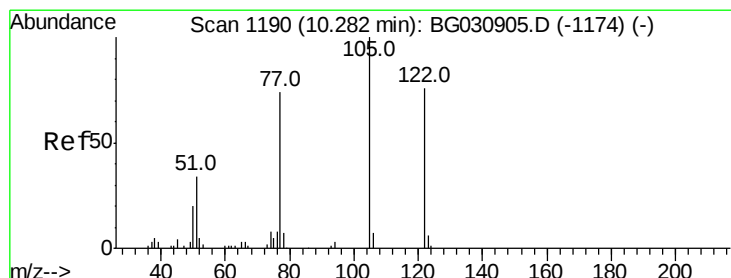
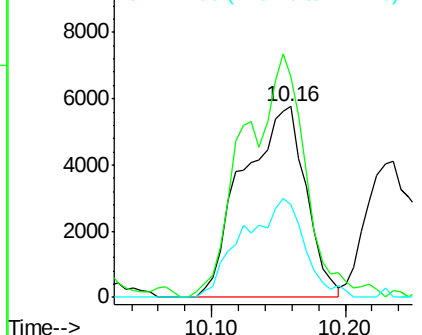
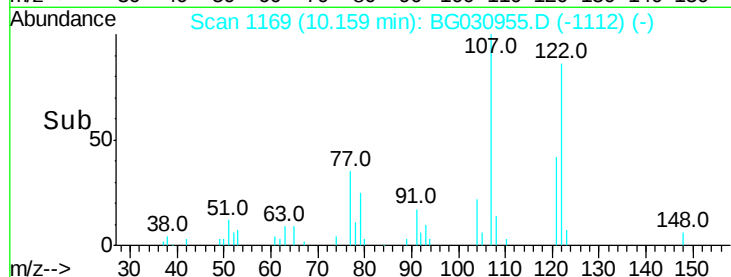
#27
2,4-Dimethylphenol
Concen: 8.180 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.03 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 18906
Ion Ratio Lower Upper
122 100
107 115.9 100.2 150.2
121 48.3 44.4 66.6

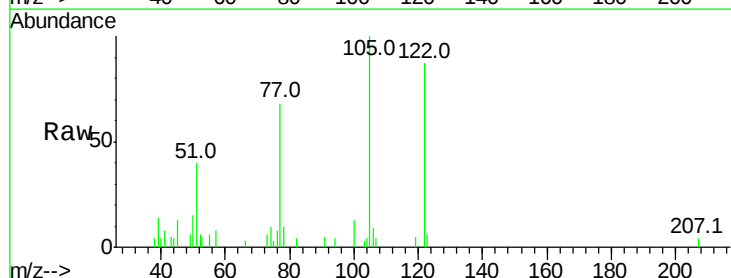


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

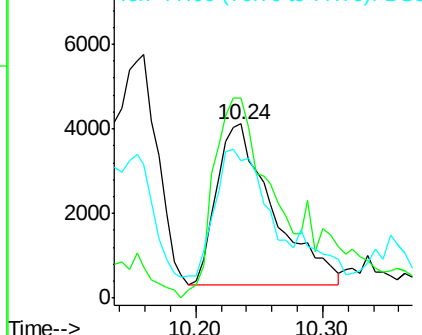
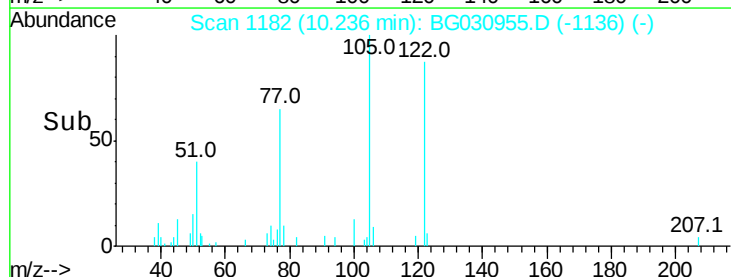


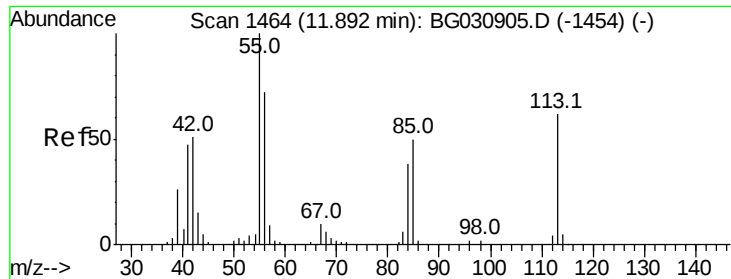
#32
Benzoic acid
Concen: 11.071 ng
RT: 10.24 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Tgt Ion:122 Resp: 11805
Ion Ratio Lower Upper
122 100
105 115.1 123.5 163.5#
77 78.8 85.7 125.7#



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

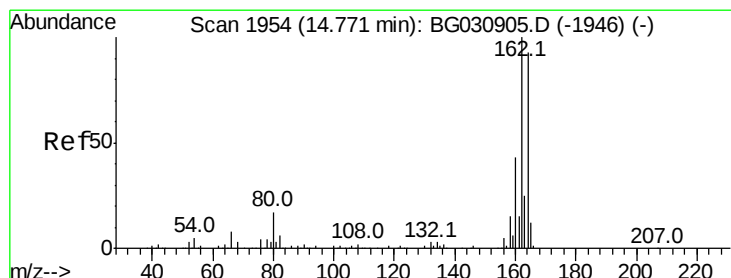
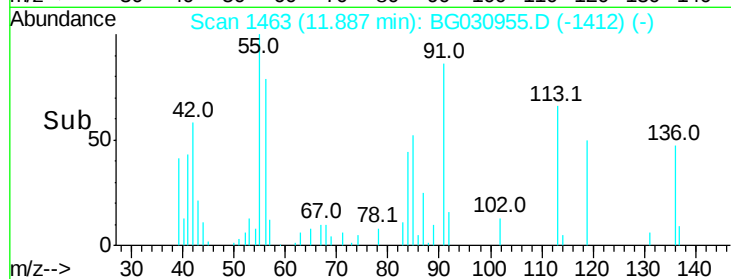
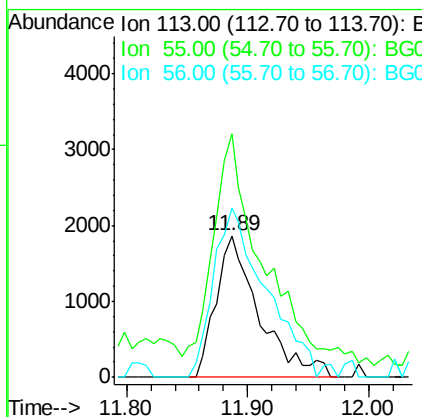
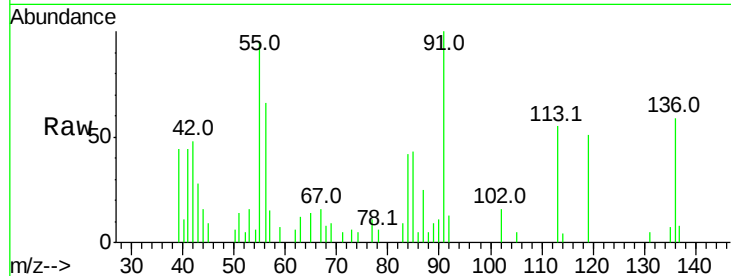




#35
 Caprolactam
 Concen: 4.077 ng
 RT: 11.89 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BG030955.D
 Acq: 11 Nov 2017 22:45

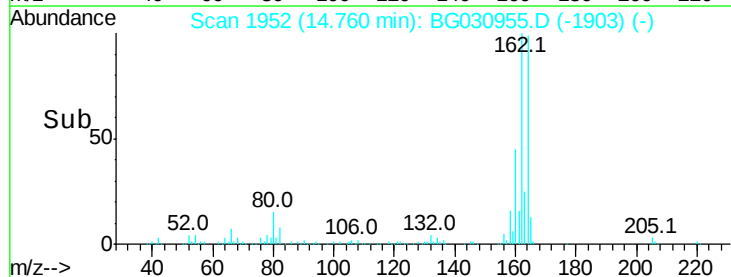
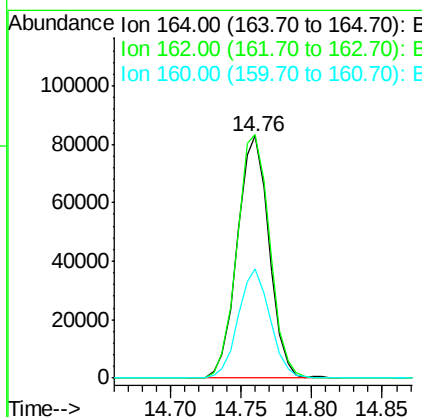
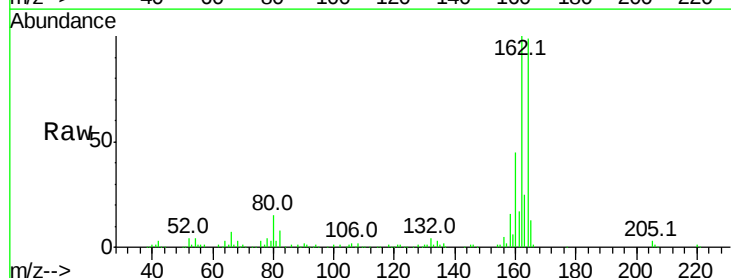
Instrument :
 BNA_G
 ClientSampleId :

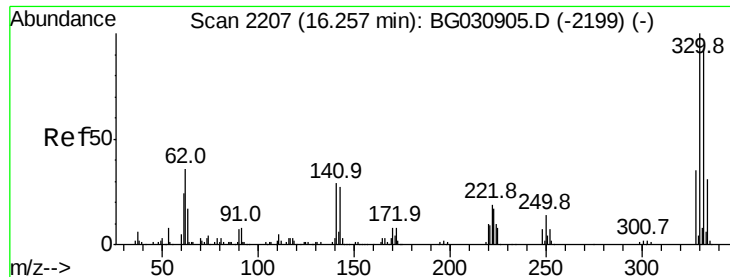
Tot Ion:113 Resp: 4622
 Ion Ratio Lower Upper
 113 100
 55 172.0 186.9 226.9#
 56 119.3 130.9 170.9#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG030955.D
 Acq: 11 Nov 2017 22:45

Tgt Ion:164 Resp: 129533
 Ion Ratio Lower Upper
 164 100
 162 100.6 78.8 118.2
 160 45.0 35.4 53.0

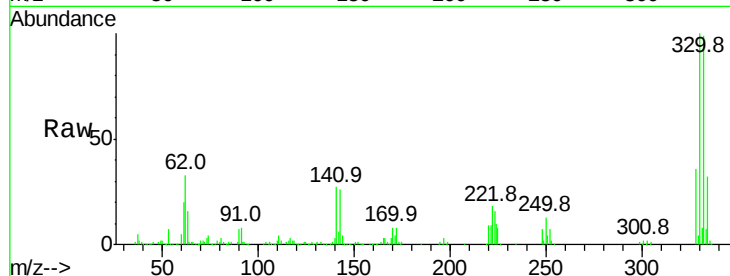




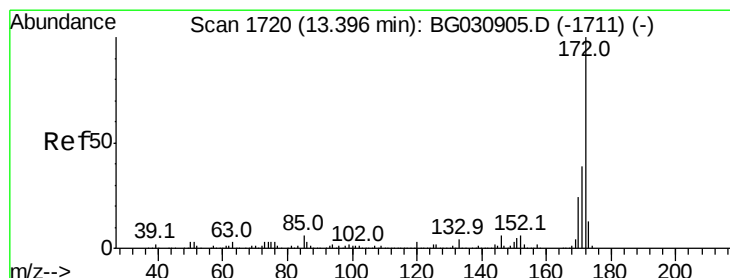
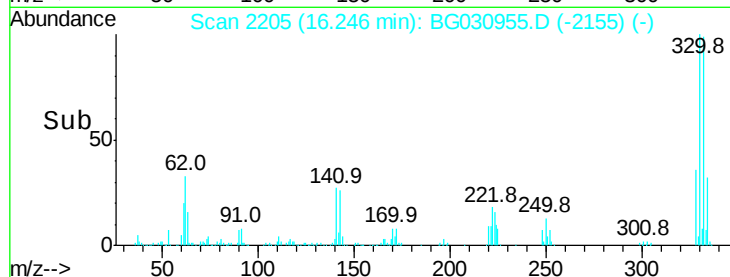
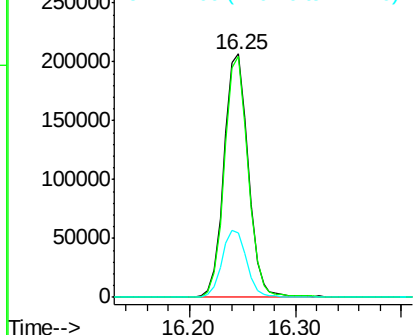
#41
 2,4,6-Tribromophenol
 Concen: 157.004 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030955.D
 Acq: 11 Nov 2017 22:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	28.3	25.2	37.8

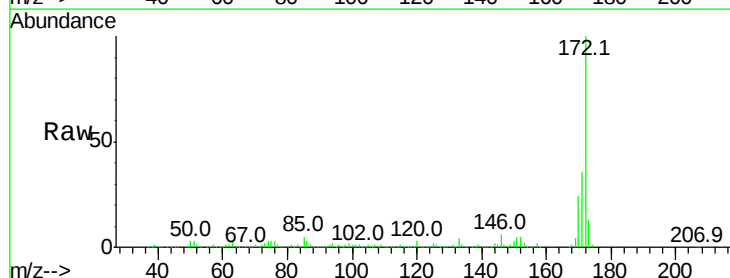


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

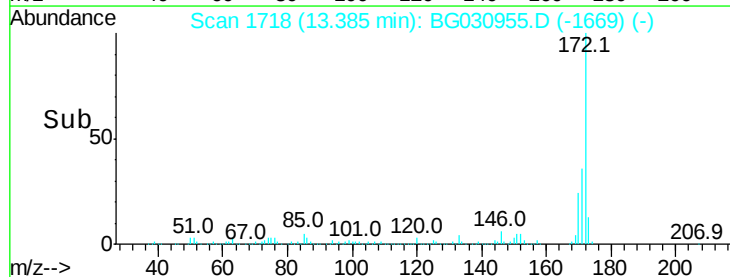
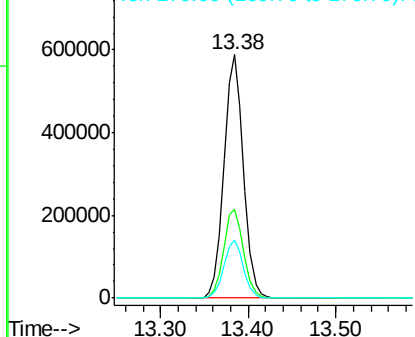


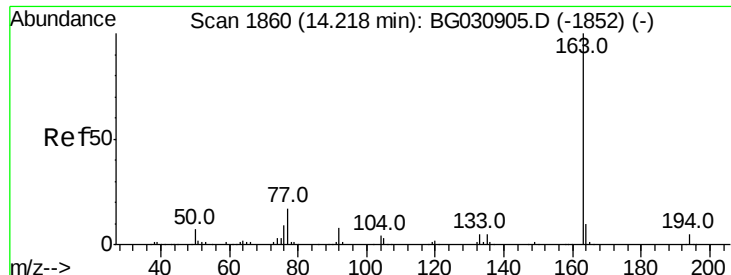
#44
 2-Fluorobiphenyl
 Concen: 99.605 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG030955.D
 Acq: 11 Nov 2017 22:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	23.9	19.5	29.3



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: 10.170 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

Instrument :

BNA_G

ClientSampleId :

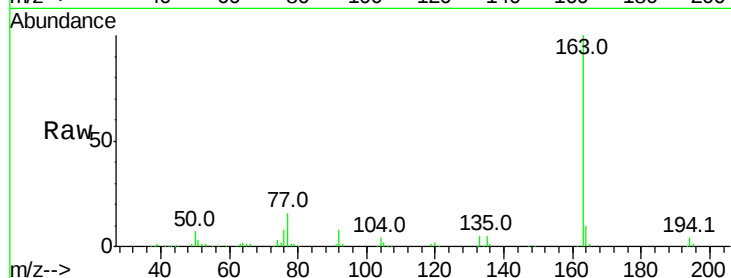
Tot Ion:163 Resp: 113902

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

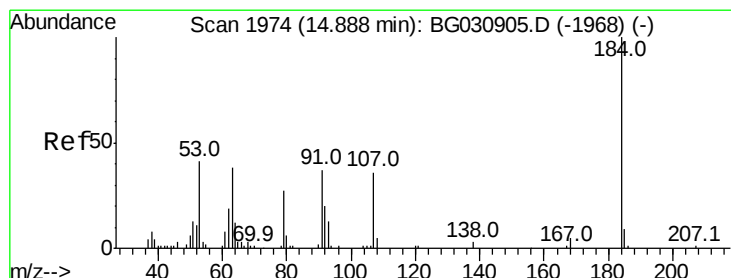
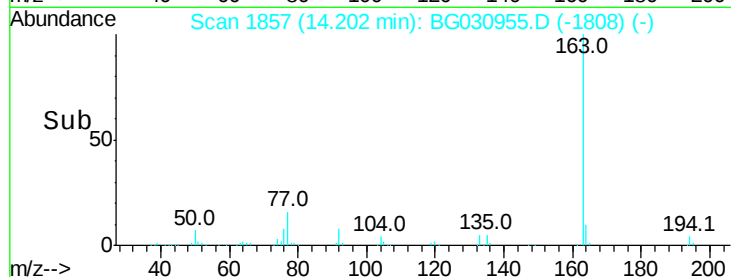
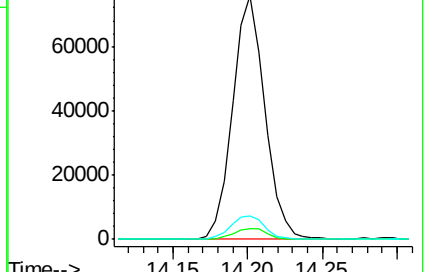
164 9.9 8.2 12.4



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



#53

2,4-Dinitrophenol

Concen: 5.904 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.21 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

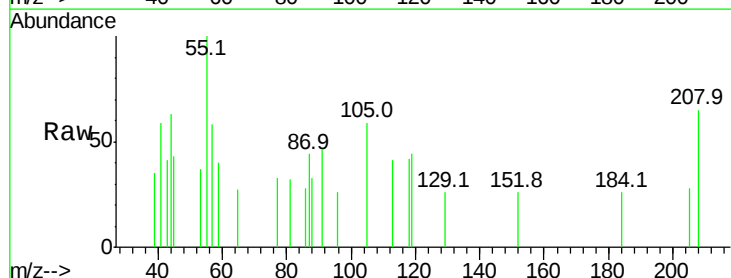
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

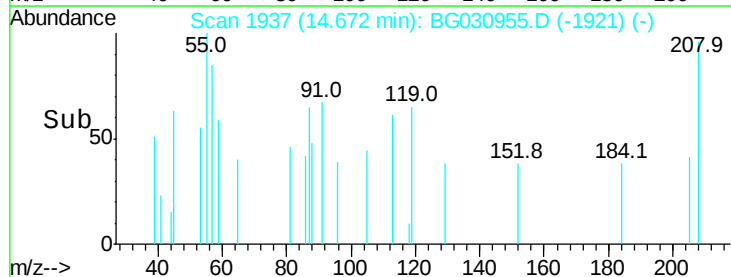
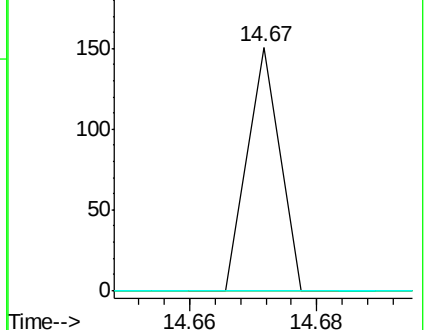
154 0.0 101.8 152.8#

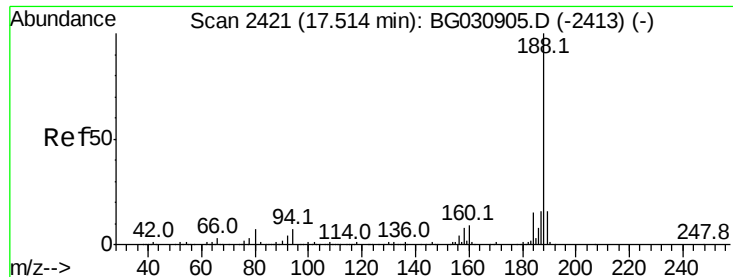


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

Instrument :

BNA_G

ClientSampled :

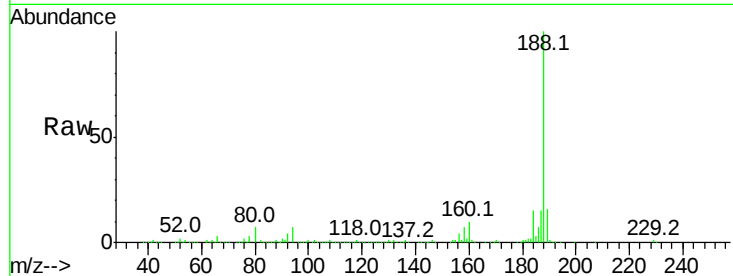
Tot Ion:188 Resp: 335816

Ion Ratio Lower Upper

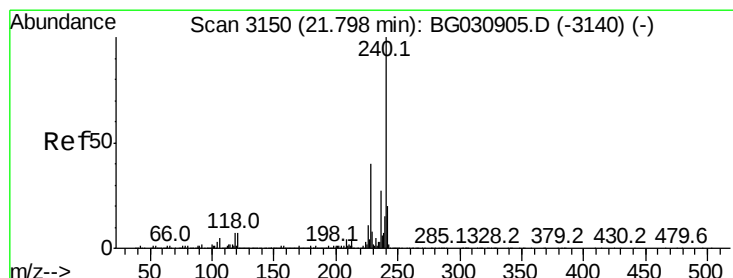
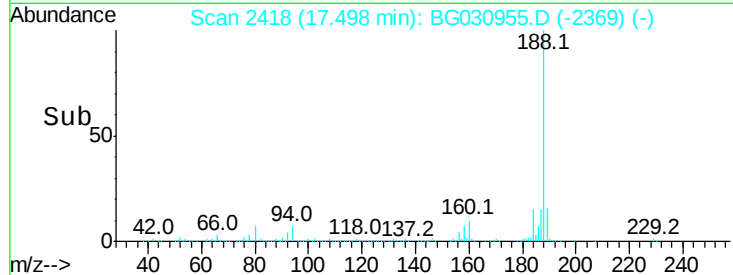
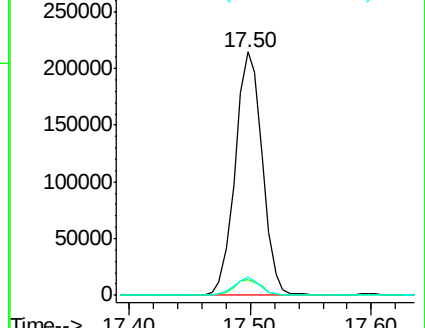
188 100

94 6.7 6.9 10.3#

80 7.3 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

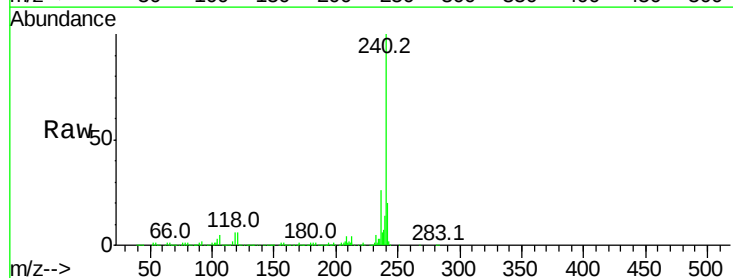
Tgt Ion:240 Resp: 408745

Ion Ratio Lower Upper

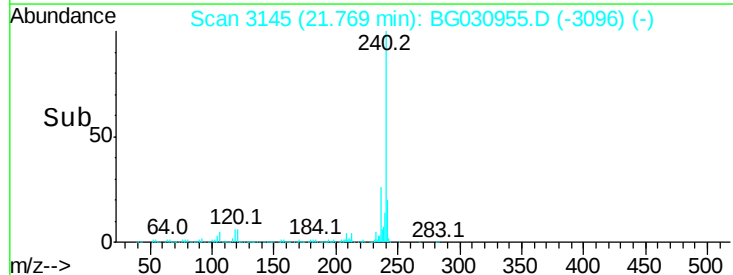
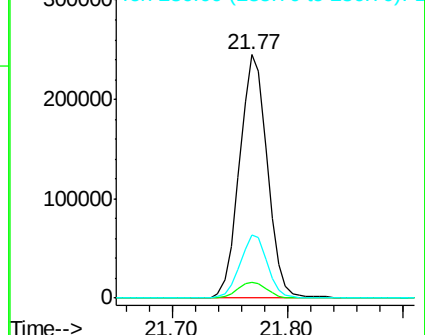
240 100

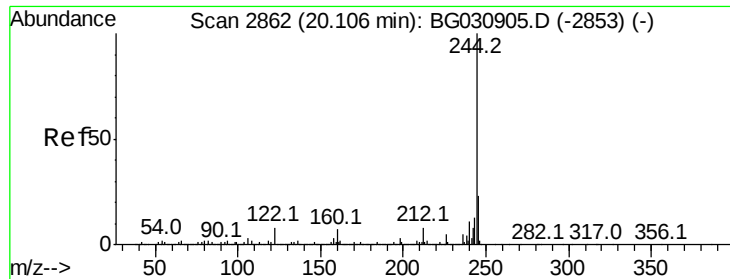
120 6.4 6.8 10.2#

236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.971 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

Instrument :

BNA_G

ClientSampleId :

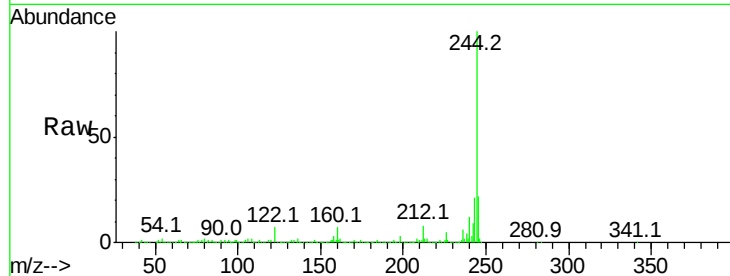
Tot Ion:244 Resp: 1646973

Ion Ratio Lower Upper

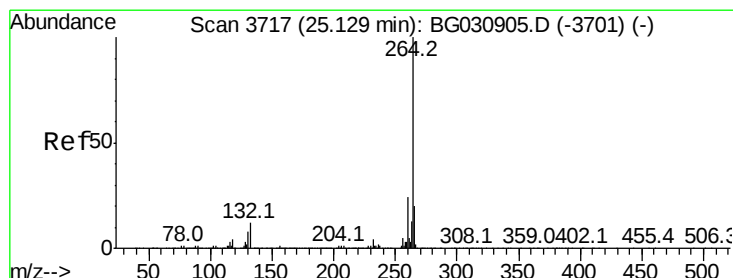
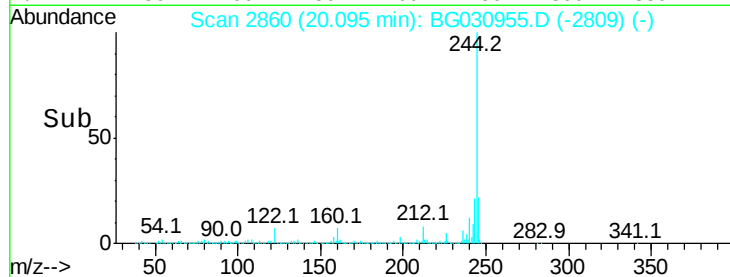
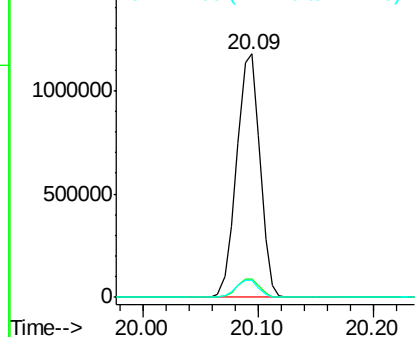
244 100

212 7.7 5.8 8.8

122 6.8 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

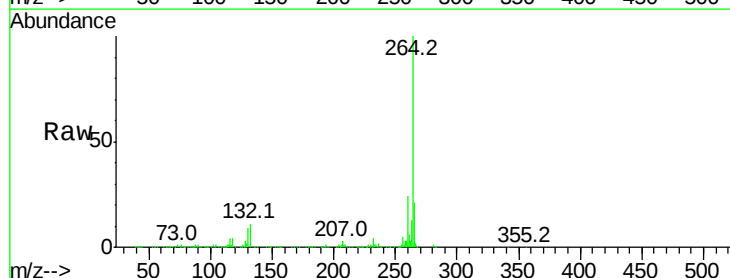
Tgt Ion:264 Resp: 411844

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 20.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

