

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032231.D
 Acq On : 23 Jan 2018 14:44
 Operator : SJ/JU
 Sample : J1239-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 24 02:55:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

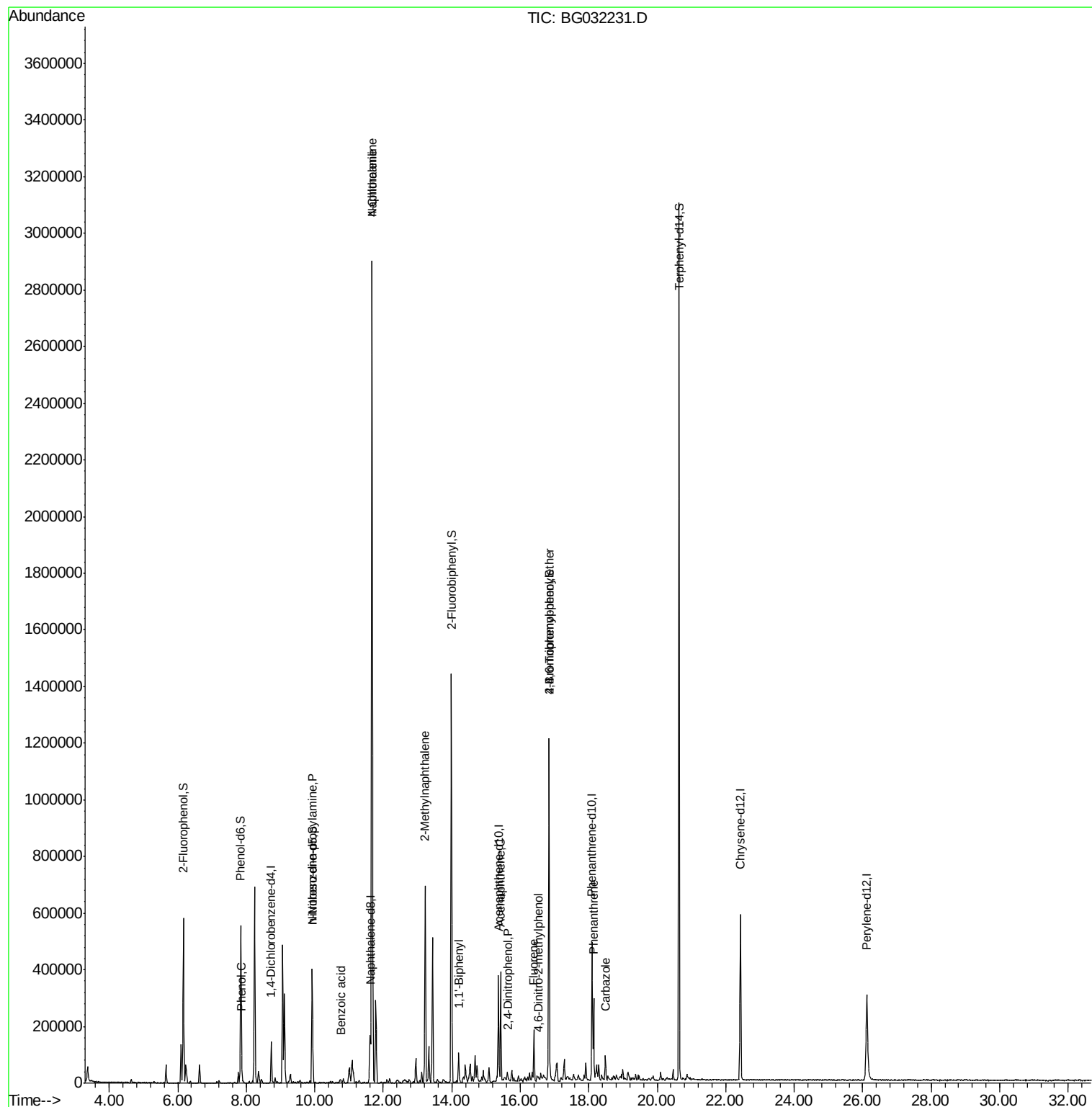
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	47501	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	198262	20.00	ng	-0.01
38) Acenaphthene-d10	15.36	164	138918	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	341010	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	448509	20.00	ng	-0.02
86) Perylene-d12	26.12	264	469678	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	287079	110.53	ng	0.00
7) Phenol-d6	7.84	99	336100	102.75	ng	0.00
23) Nitrobenzene-d5	9.93	82	251323	85.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	275628	119.90	ng	-0.01
44) 2-Fluorobiphenyl	13.99	172	860100	76.77	ng	-0.01
78) Terphenyl-d14	20.64	244	1690885	83.24	ng	-0.01
Target Compounds						
10) Phenol	7.87	94	11127	3.453	ng	92
19) n-Nitroso-di-n-propylamine	9.93	70	36377	17.924	ng	# 70
31) Naphthalene	11.67	128	2763357	281.360	ng	# 94
32) Benzoic acid	10.77	122	1698	5.942	ng	# 2
33) 4-Chloroaniline	11.67	127	430784	102.284	ng	# 32
37) 2-Methylnaphthalene	13.22	142	347560	44.574	ng	96
45) 1,1'-Biphenyl	14.20	154	58764	4.934	ng	93
51) Acenaphthene	15.43	154	154982	16.613	ng	98
53) 2,4-Dinitrophenol	15.64	184	293	7.175	ng	# 30
57) Fluorene	16.40	166	88067	7.716	ng	95
64) 4,6-Dinitro-2-methylphenol	16.52	198	76	4.916	ng	# 8
66) 4-Bromophenyl-phenylether	16.84	248	23225	4.787	ng	# 1
70) Phenanthrene	18.14	178	204342	10.763	ng	99
72) Carbazole	18.49	167	60845	3.704	ng	97

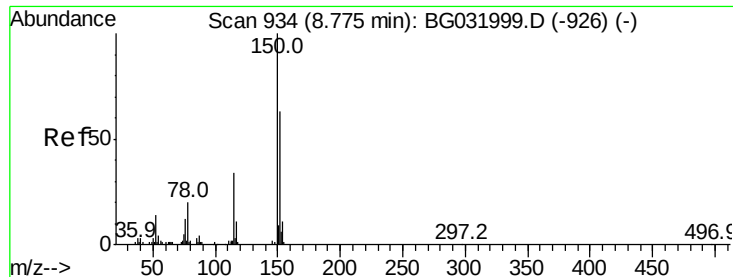
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032231.D
Acq On : 23 Jan 2018 14:44
Operator : SJ/JU
Sample : J1239-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 24 02:55:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Instrument :

BNA_G

ClientSampleId :

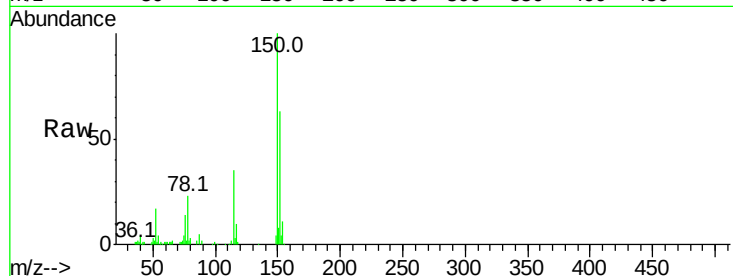
Tot Ion:152 Resp: 47501

Ion Ratio Lower Upper

152 100

150 159.0 126.6 189.8

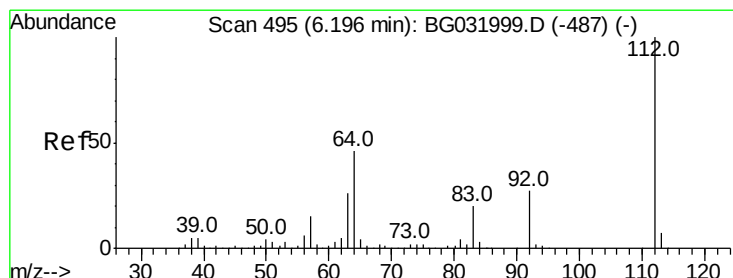
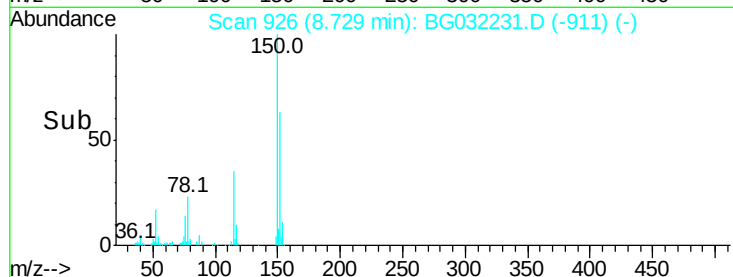
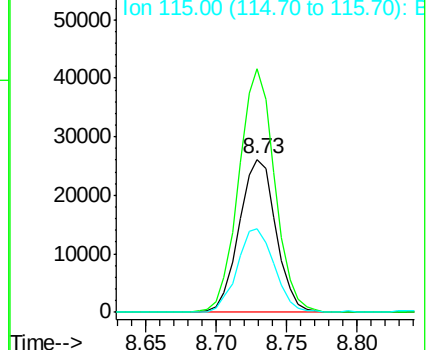
115 54.9 53.0 79.4



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: 110.534 ng

RT: 6.16 min Scan# 489

Delta R.T. -0.01 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

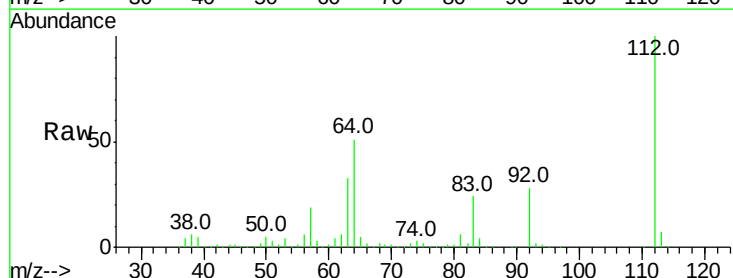
Tgt Ion:112 Resp: 287079

Ion Ratio Lower Upper

112 100

64 51.5 56.3 84.5#

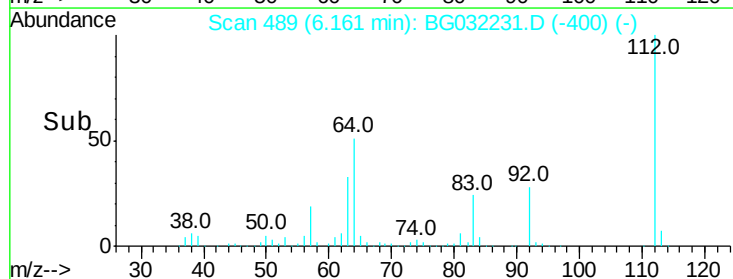
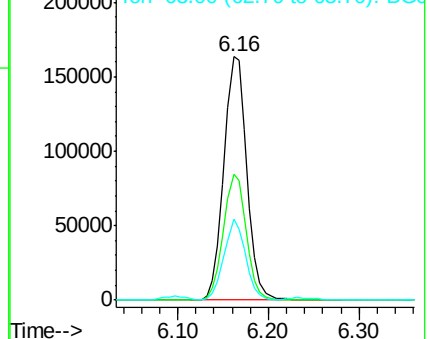
63 33.1 30.1 45.1

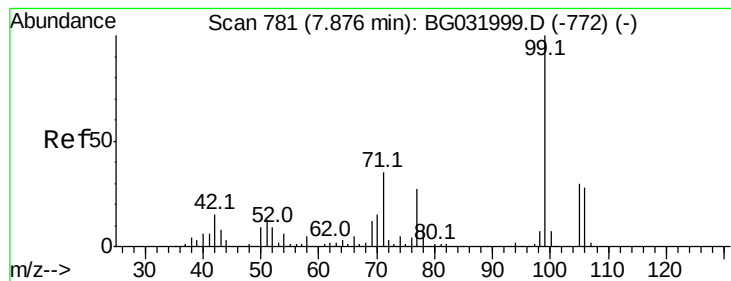


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 102.751 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Instrument :

BNA_G

ClientSampled :

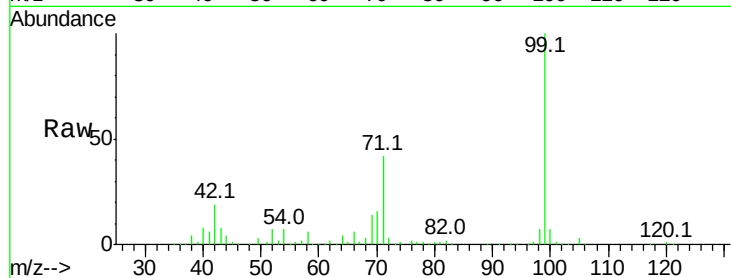
Tot Ion: 99 Resp: 336100

Ion Ratio Lower Upper

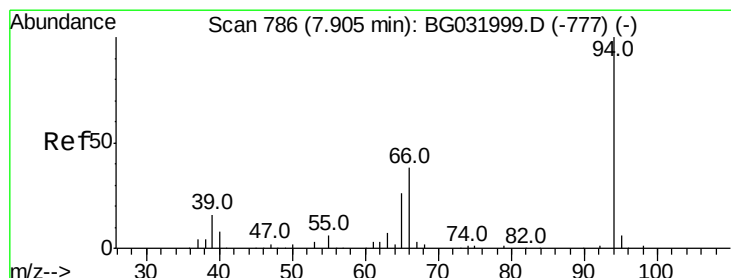
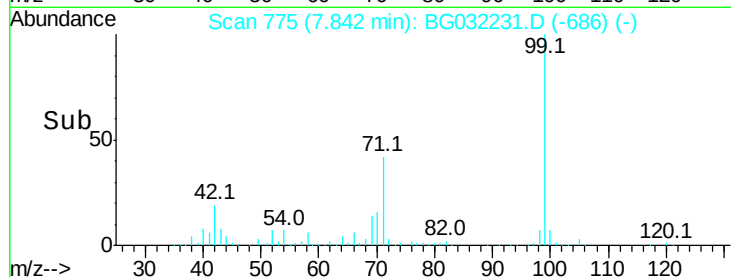
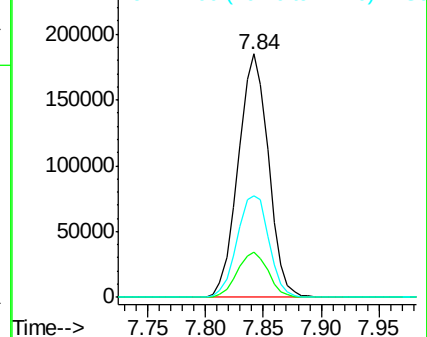
99 100

42 18.5 14.1 21.1

71 41.6 26.1 39.1#



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



#10

Phenol

Concen: 3.453 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

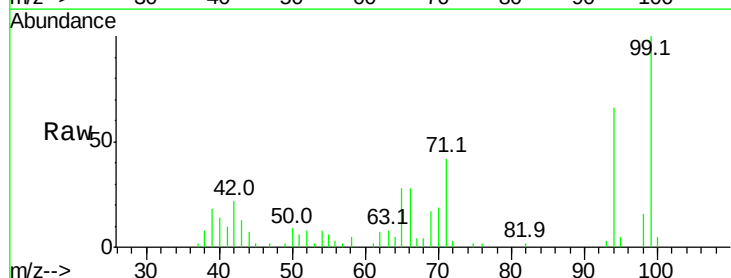
Tgt Ion: 94 Resp: 11127

Ion Ratio Lower Upper

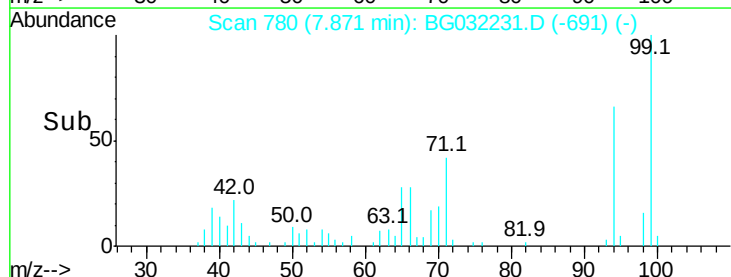
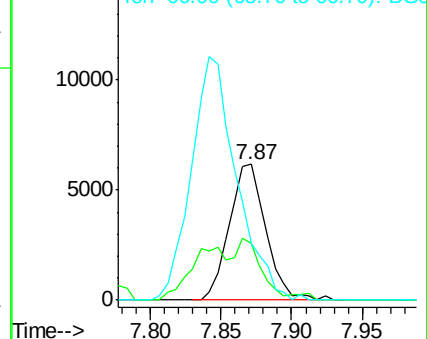
94 100

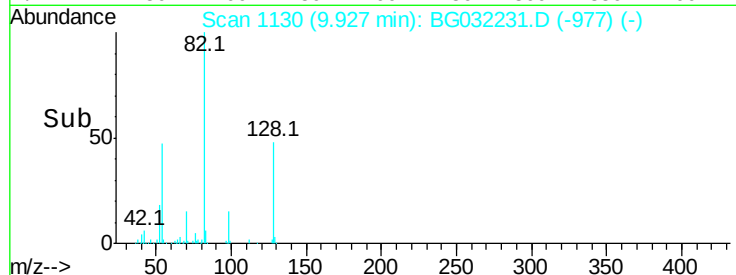
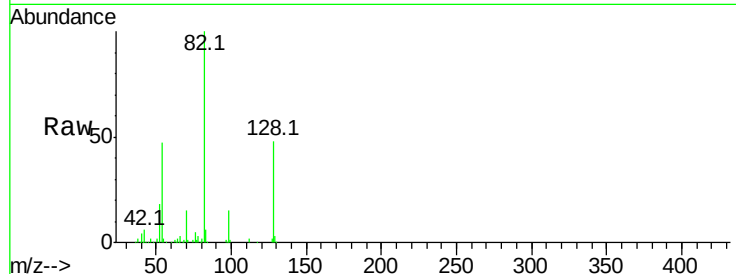
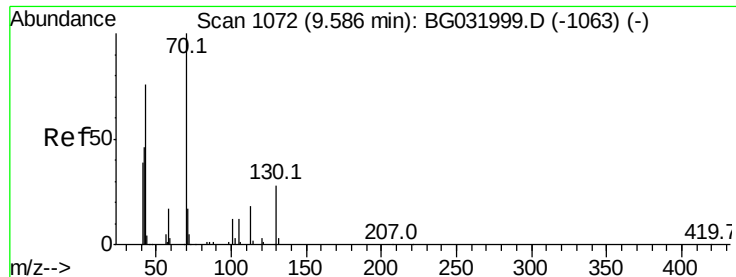
65 41.7 11.9 51.9

66 42.0 22.2 62.2



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

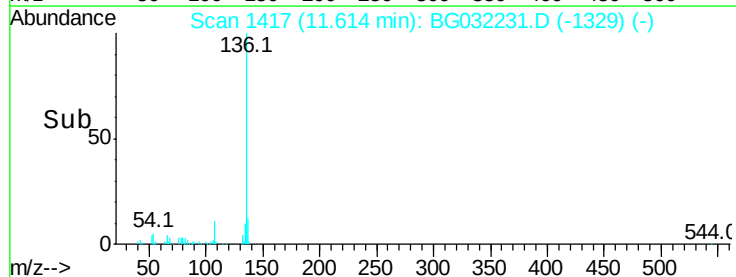
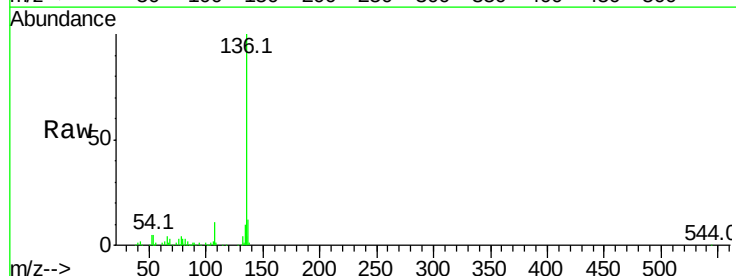
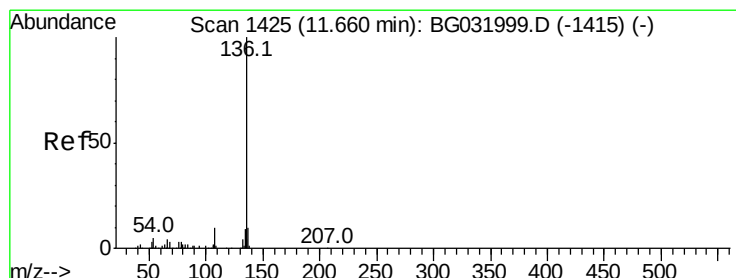
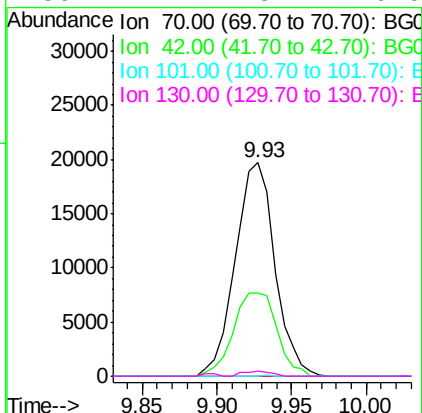




#19
n-Nitroso-di-n-propylamine
Concen: 17.924 ng
RT: 9.93 min Scan# 1130
Delta R.T. 0.37 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

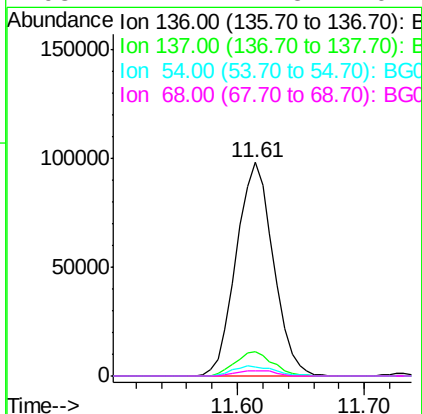
Instrument :
BNA_G
ClientSampleId :

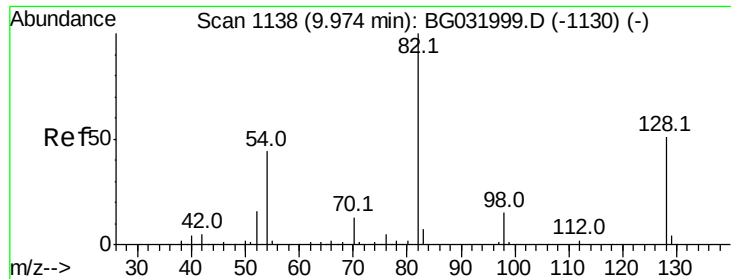
Tot Ion	Ratio	Lower	Upper
70	100		
42	39.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	4.5	10.3	15.5#
68	2.7	4.5	6.7#

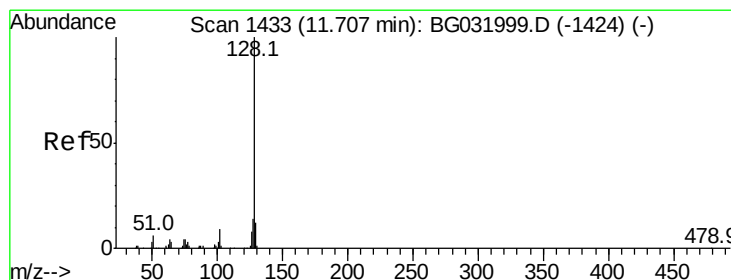
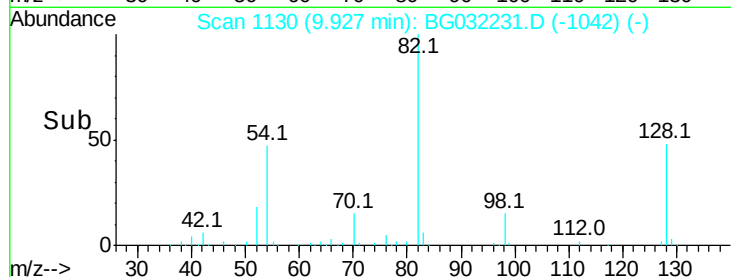
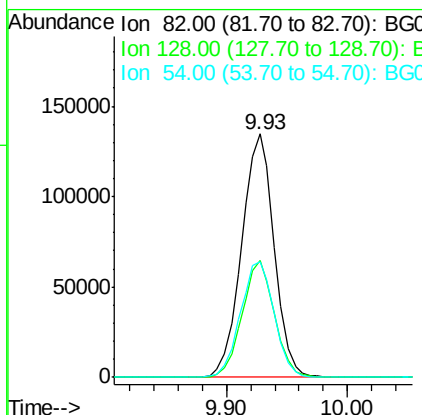
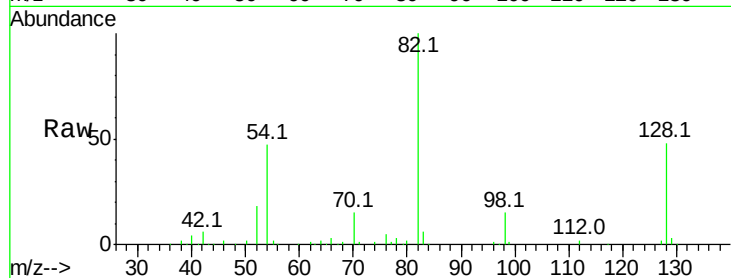




#23
Nitrobenzene-d5
Concen: 85.761 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

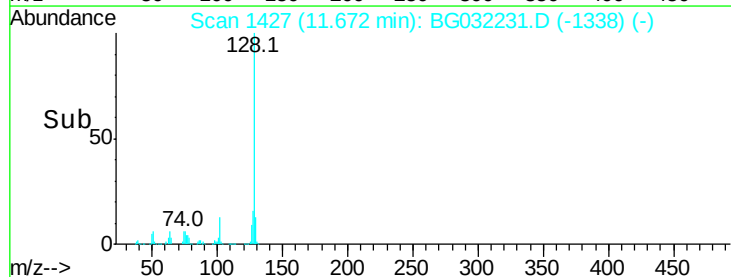
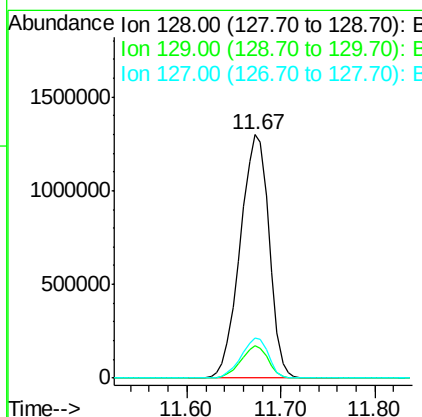
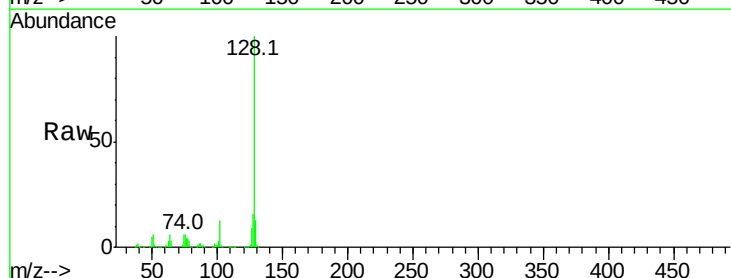
Instrument :
BNA_G
ClientSampleId :

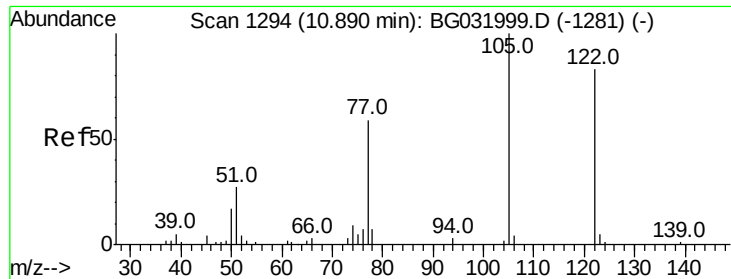
Tot Ion: 82 Resp: 251323
Ion Ratio Lower Upper
82 100
128 48.1 29.7 44.5#
54 47.3 43.1 64.7



#31
Naphthalene
Concen: 281.360 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Tgt Ion:128 Resp: 2763357
Ion Ratio Lower Upper
128 100
129 13.3 8.6 12.8#
127 16.4 11.6 17.4

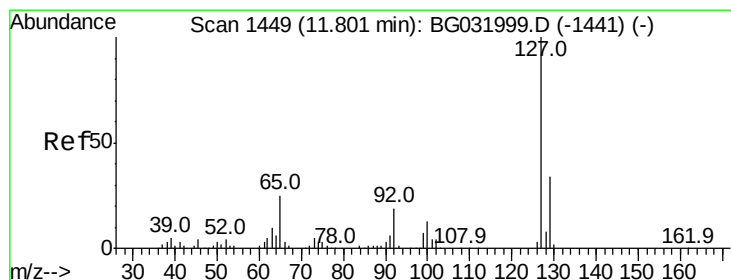
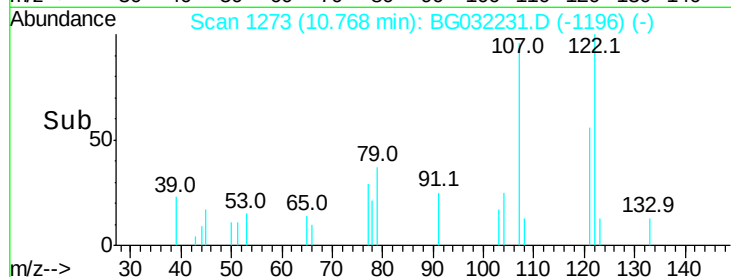
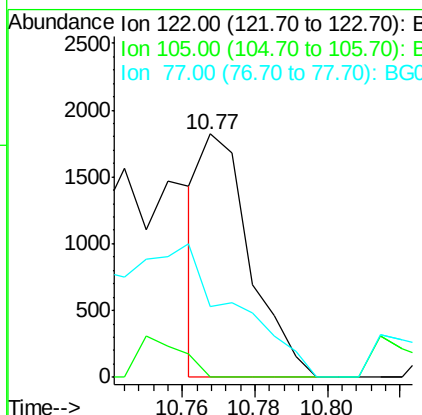
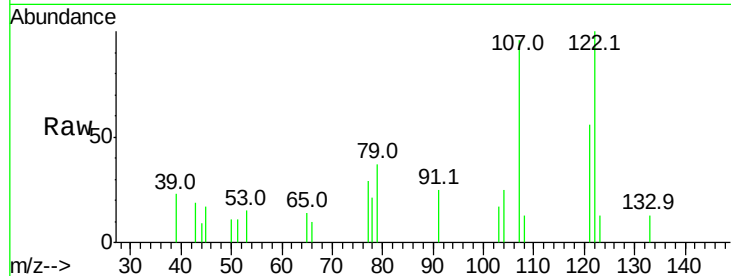




#32
Benzoic acid
Concen: 5.942 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.08 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

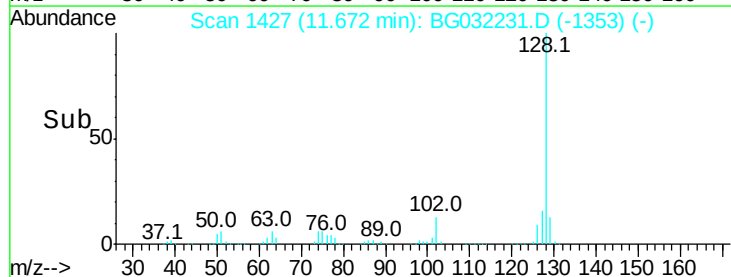
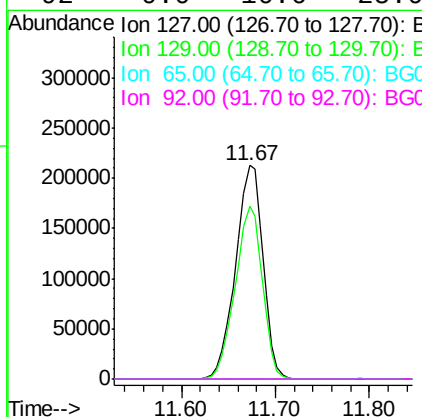
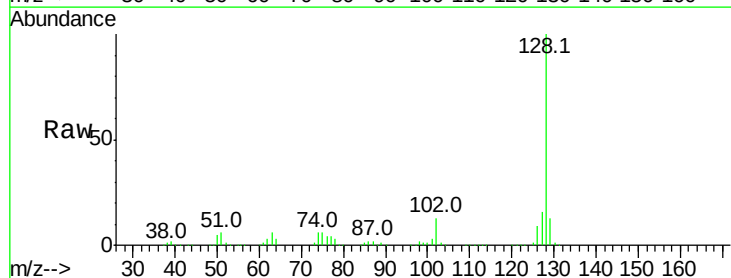
Instrument :
BNA_G
ClientSampleId :

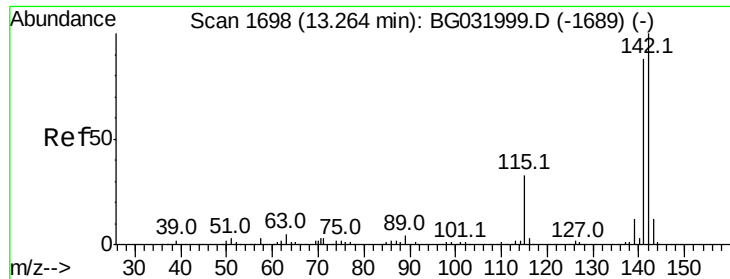
Tot Ion:122 Resp: 1698
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 29.0 85.7 125.7#



#33
4-Chloroaniline
Concen: 102.284 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.10 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Tgt Ion:127 Resp: 430784
Ion Ratio Lower Upper
127 100
129 81.2 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#

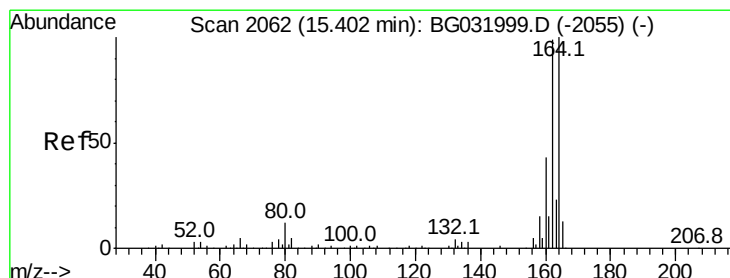
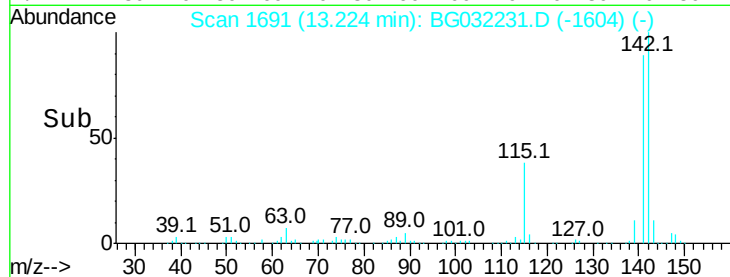
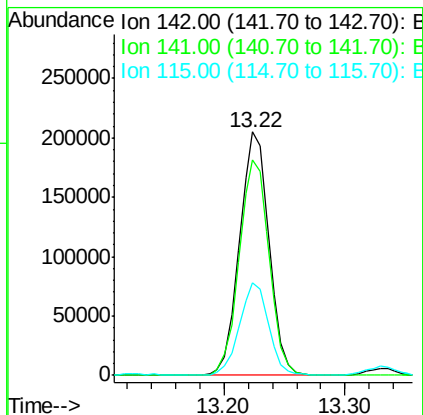
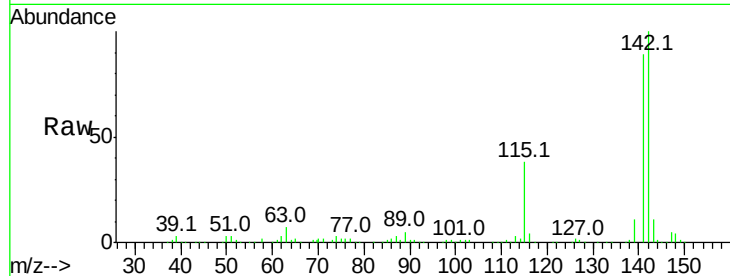




#37
 2-Methylnaphthalene
 Concen: 44.574 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

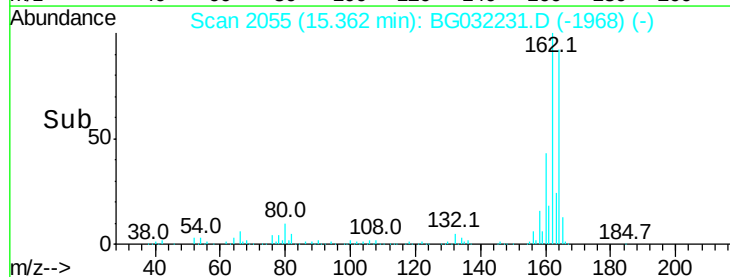
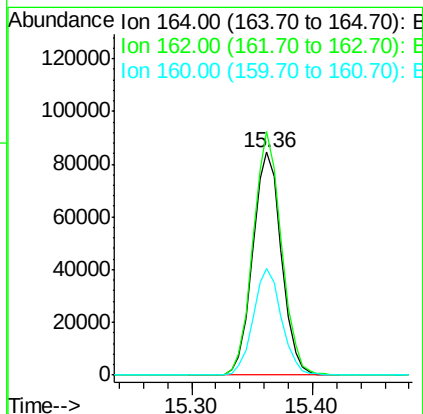
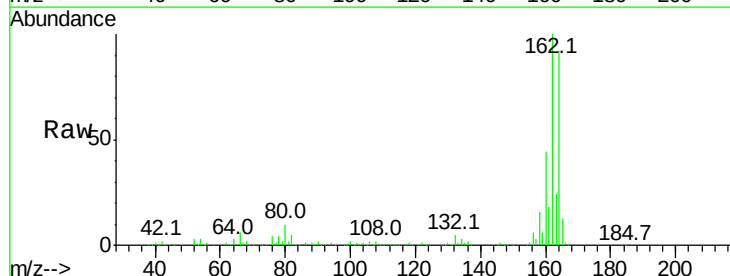
Instrument :
 BNA_G
 ClientSampled :

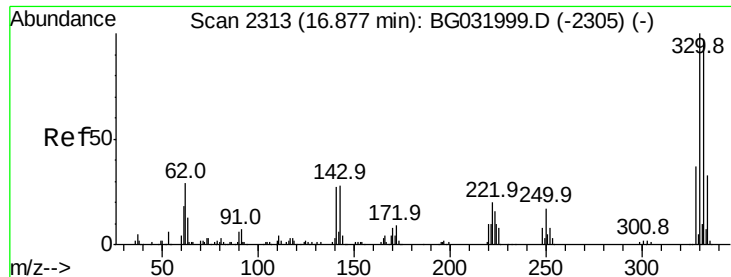
Tot Ion:142 Resp: 347560
 Ion Ratio Lower Upper
 142 100
 141 88.7 67.1 100.7
 115 38.2 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

Tgt Ion:164 Resp: 138918
 Ion Ratio Lower Upper
 164 100
 162 109.2 78.8 118.2
 160 47.8 35.4 53.0

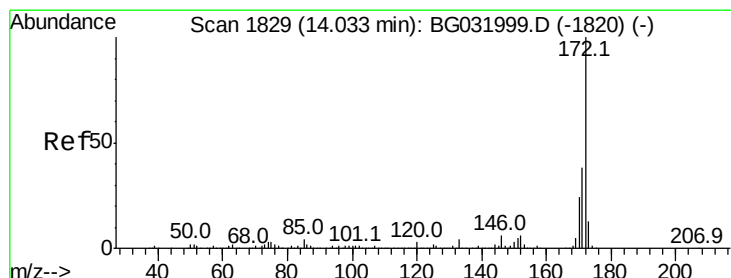
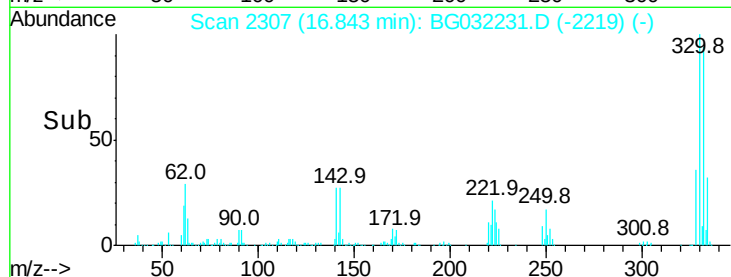
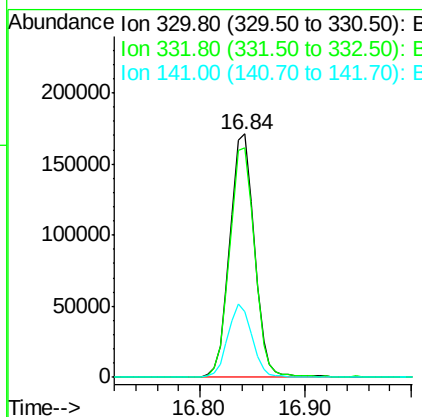
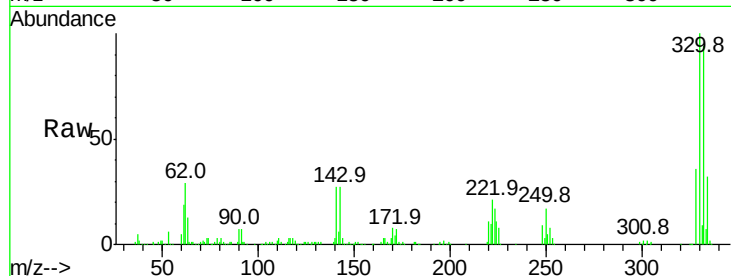




#41
 2,4,6-Tribromophenol
 Concen: 119.902 ng
 RT: 16.84 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

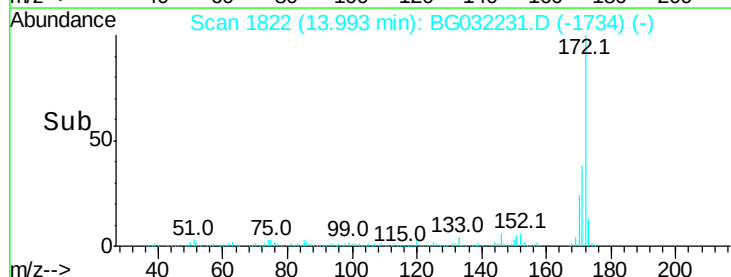
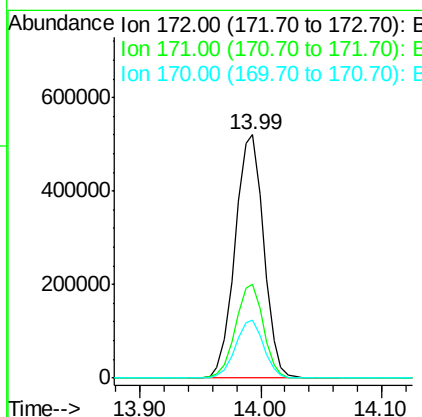
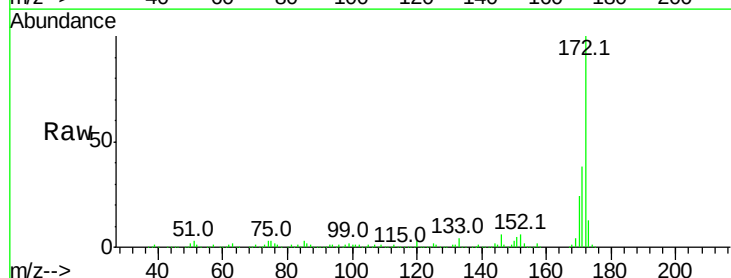
Instrument :
 BNA_G
 ClientSampleId :

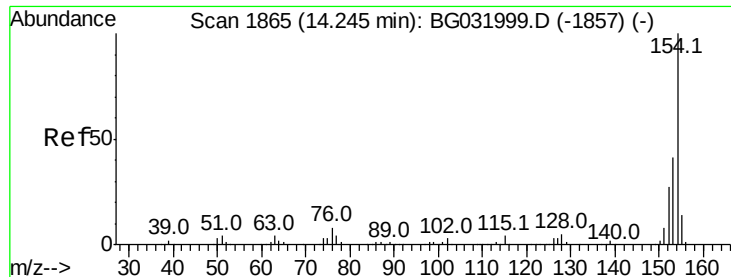
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 76.771 ng
 RT: 13.99 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	23.8	19.5	29.3

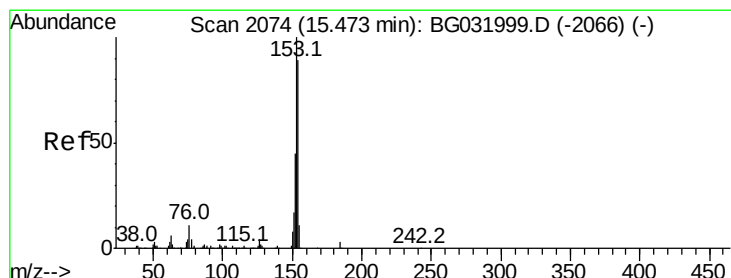
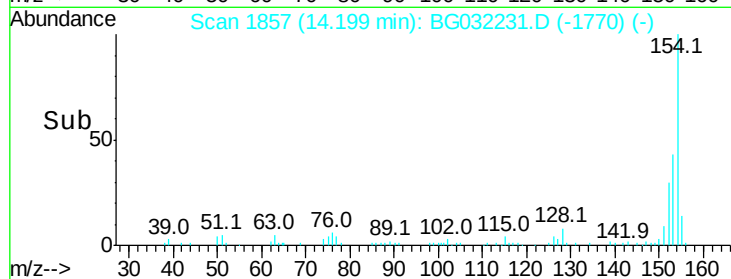
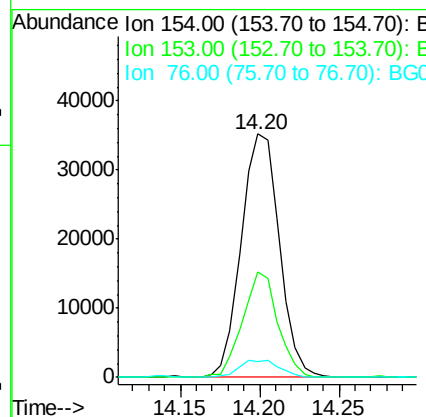
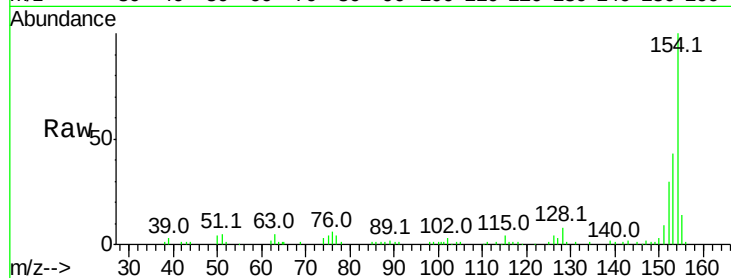




#45
 1,1'-Biphenyl
 Concen: 4.934 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. -0.02 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

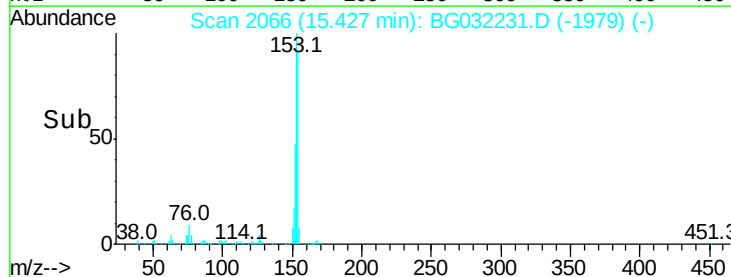
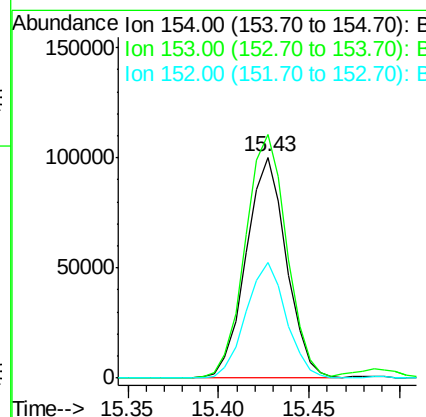
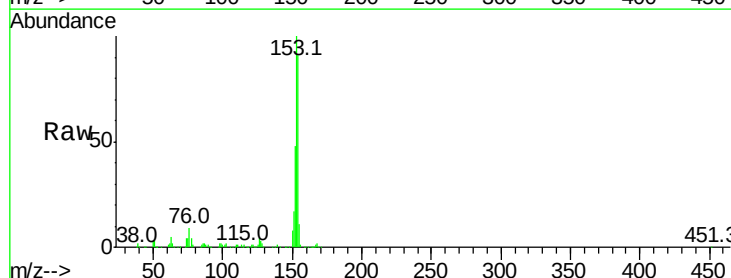
Instrument :
 BNA_G
 ClientSampleId :

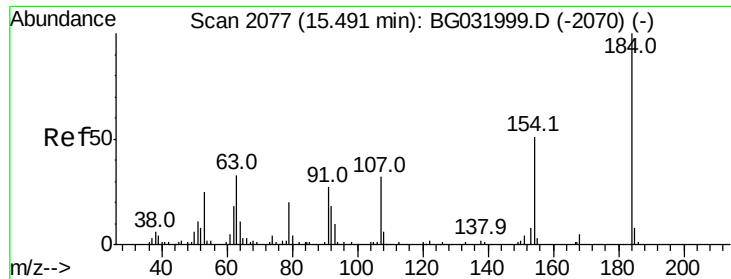
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	19.8	59.8
76	6.5	0.0	31.9



#51
 Acenaphthene
 Concen: 16.613 ng
 RT: 15.43 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.4	135.6
152	52.5	41.6	62.4

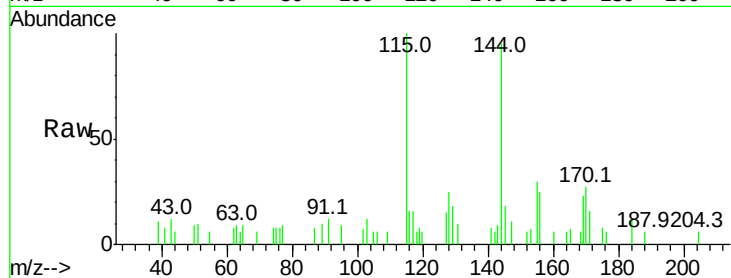




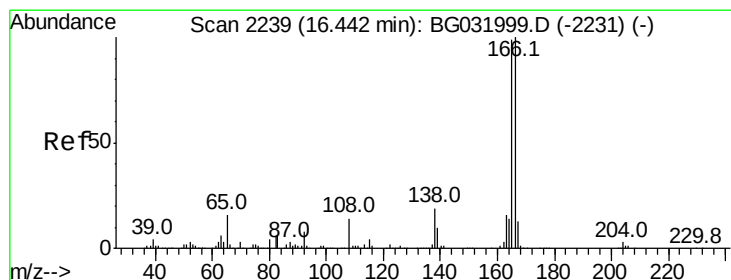
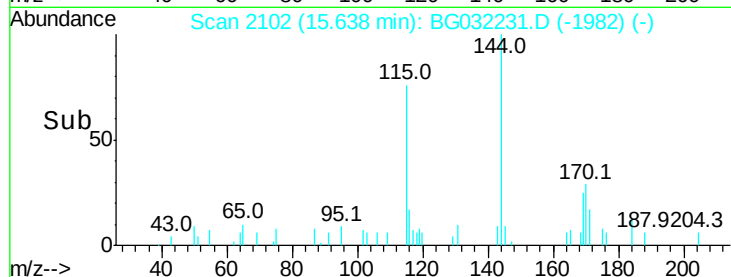
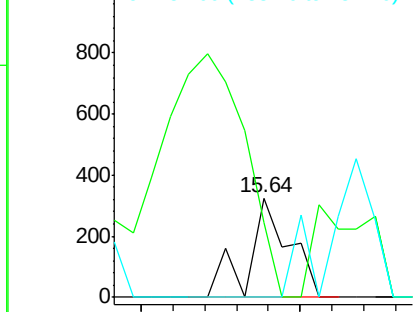
#53
 2,4-Dinitrophenol
 Concen: 7.175 ng
 RT: 15.64 min Scan# 2102
 Delta R.T. 0.17 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 293
 Ion Ratio Lower Upper
 184 100
 63 74.5 59.8 89.8
 154 0.0 101.8 152.8#

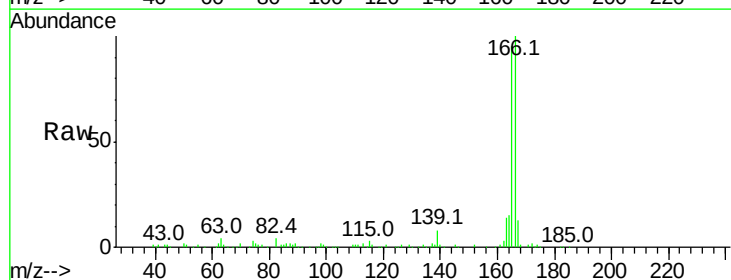


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

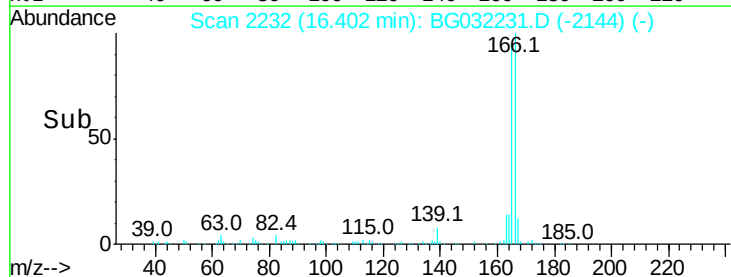
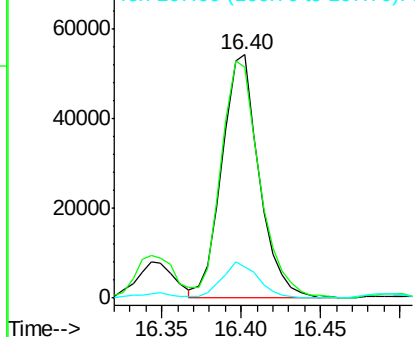


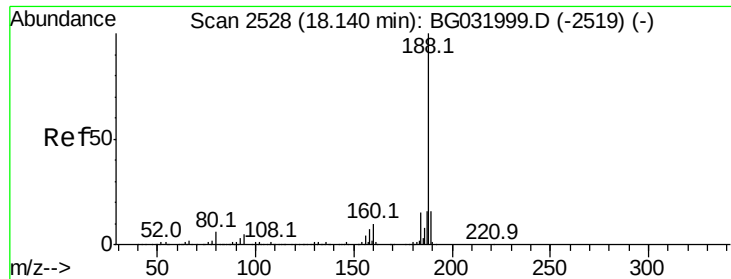
#57
 Fluorene
 Concen: 7.716 ng
 RT: 16.40 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

Tgt Ion:166 Resp: 88067
 Ion Ratio Lower Upper
 166 100
 165 94.7 80.6 121.0
 167 12.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

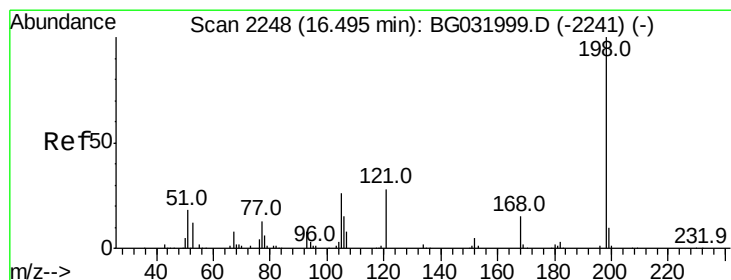
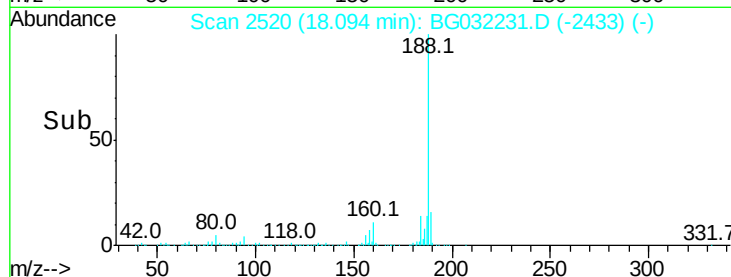
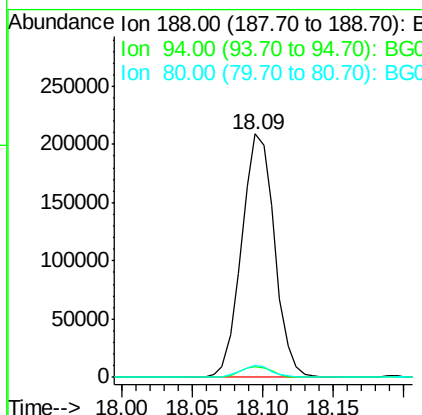
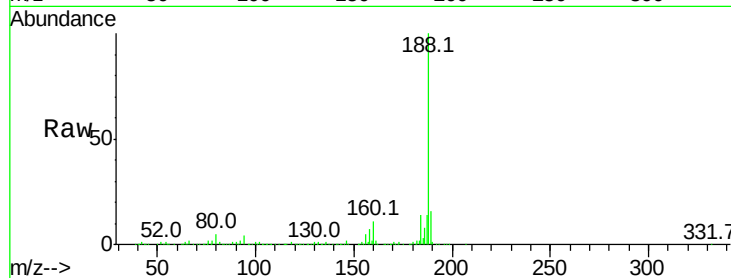




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

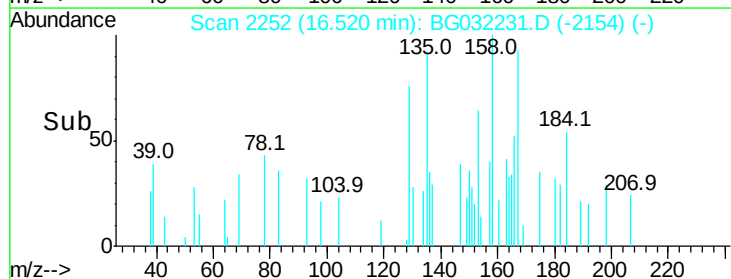
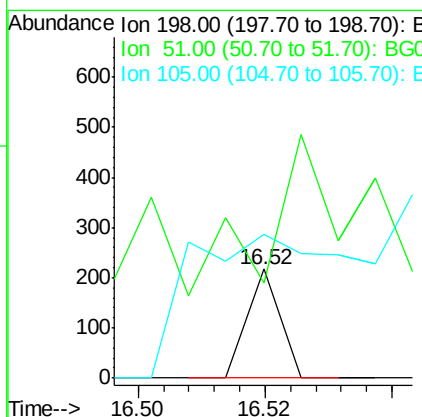
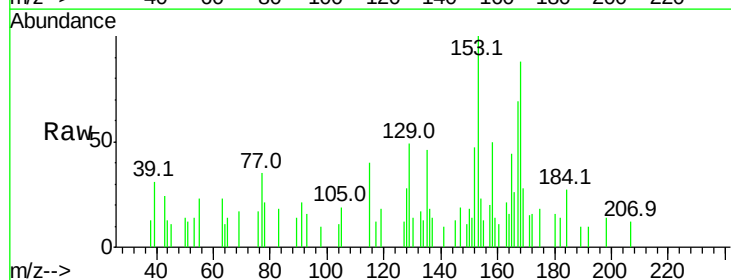
Instrument :
BNA_G
ClientSampleId :

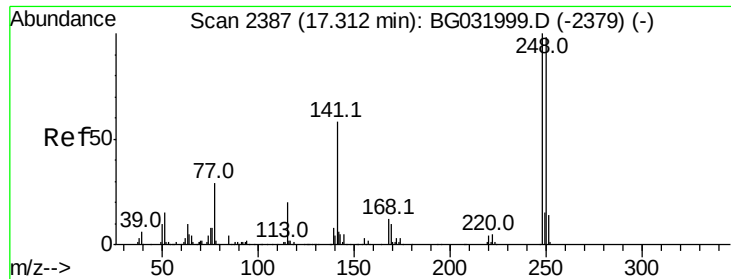
Tot Ion:188 Resp: 341010
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 4.9 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 4.916 ng
RT: 16.52 min Scan# 2252
Delta R.T. 0.05 min
Lab File: BG032231.D
Acq: 23 Jan 2018 14:44

Tgt Ion:198 Resp: 76
Ion Ratio Lower Upper
198 100
51 87.6 30.6 70.6#
105 132.3 23.8 63.8#

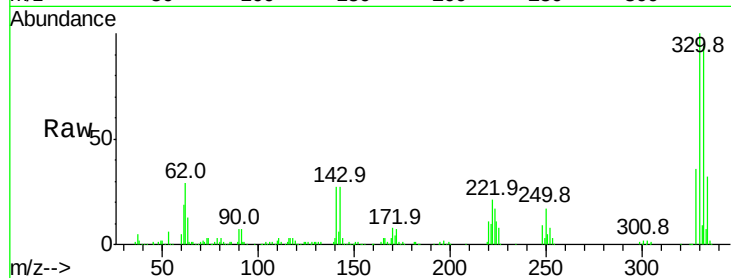




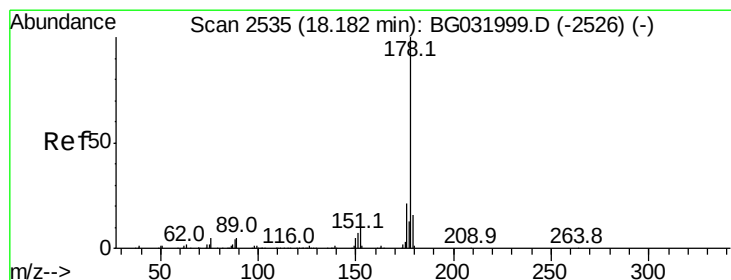
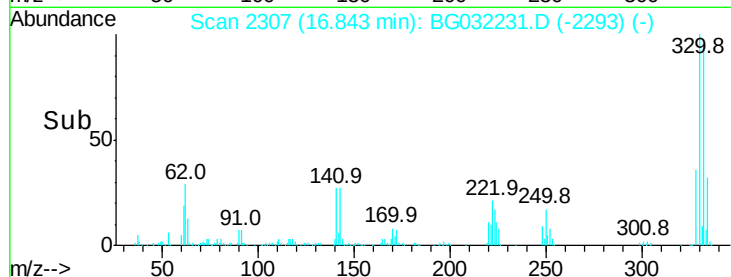
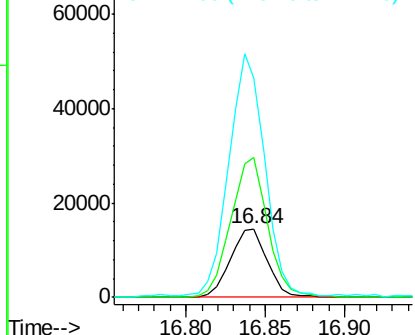
#66
 4-Bromophenyl-phenylether
 Concen: 4.787 ng
 RT: 16.84 min Scan# 2307
 Delta R.T. -0.45 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 23225
 Ion Ratio Lower Upper
 248 100
 250 203.8 77.1 115.7#
 141 319.3 50.8 76.2#

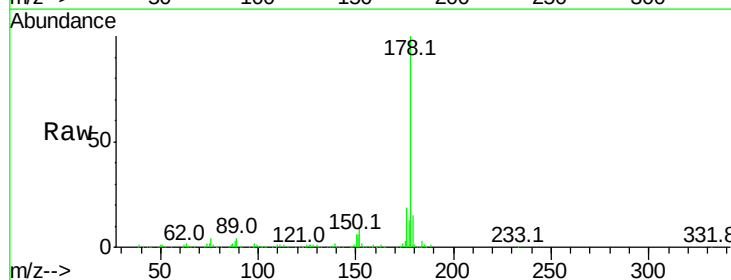


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

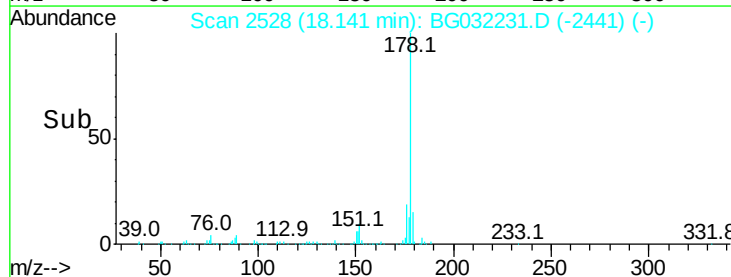
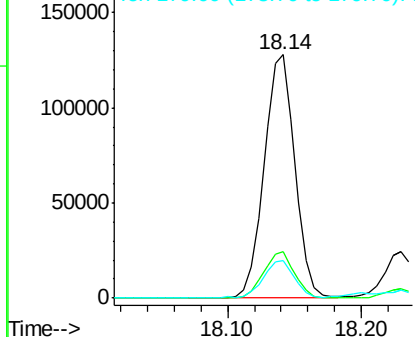


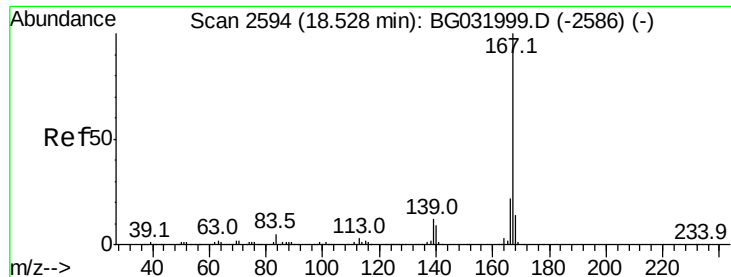
#70
 Phenanthrene
 Concen: 10.763 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG032231.D
 Acq: 23 Jan 2018 14:44

Tgt Ion:178 Resp: 204342
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.704 ng

RT: 18.49 min Scan# 2587

Delta R.T. -0.02 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Instrument :

BNA_G

ClientSampled :

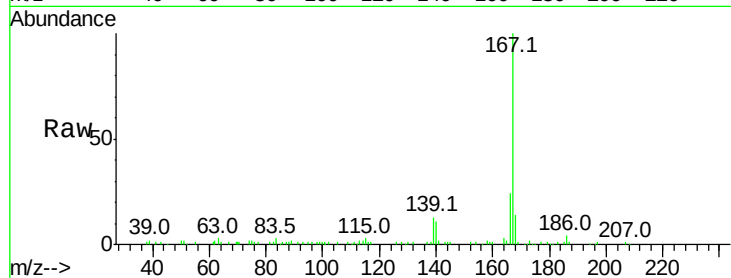
Tot Ion:167 Resp: 60845

Ion Ratio Lower Upper

167 100

166 24.3 18.2 27.4

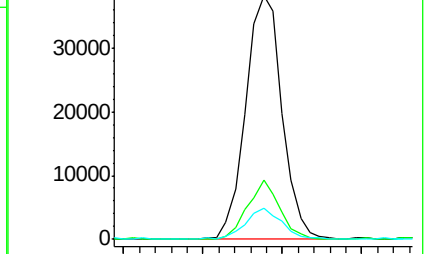
139 12.7 9.4 14.2



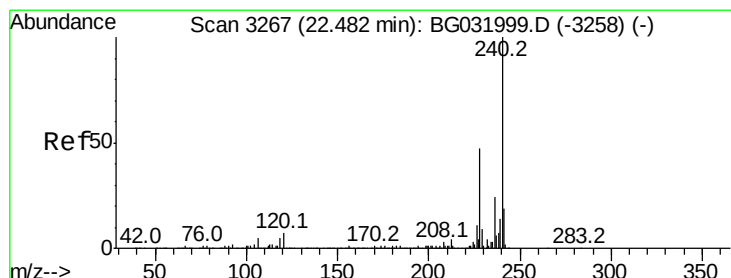
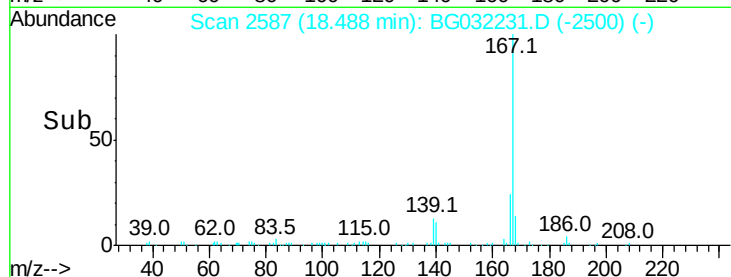
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 18.40 18.45 18.50 18.55



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.43 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

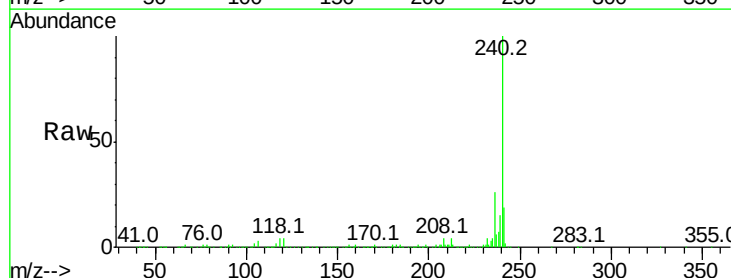
Tgt Ion:240 Resp: 448509

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

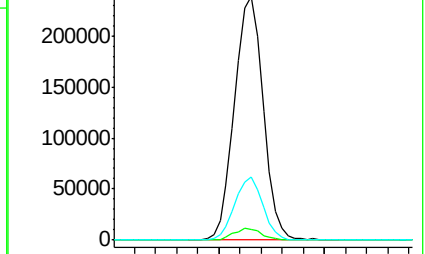
236 25.9 20.9 31.3



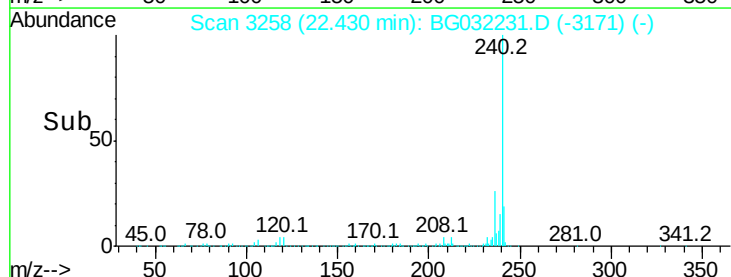
Abundance Ion 240.00 (239.70 to 240.70): E

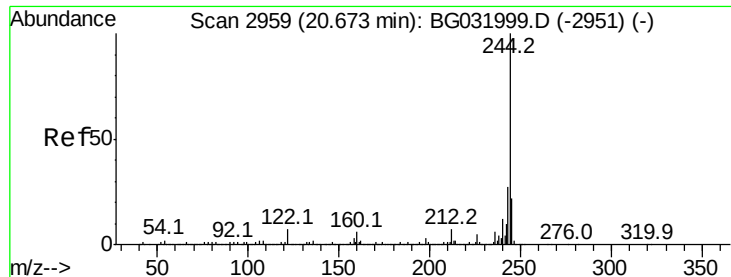
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 22.40 22.50





#78

Terphenyl-d14

Concen: 83.244 ng

RT: 20.64 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

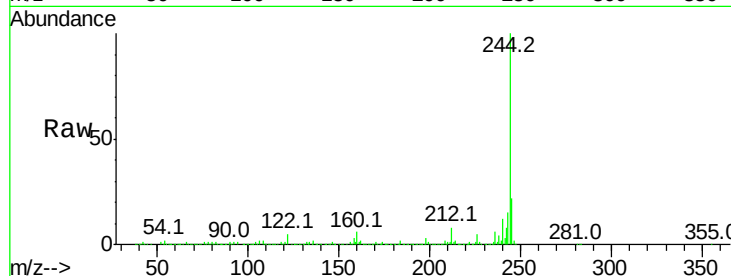
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1690885

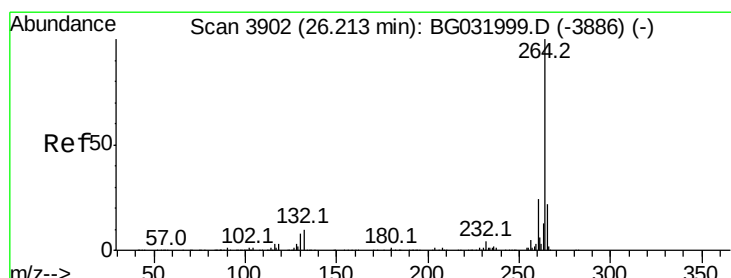
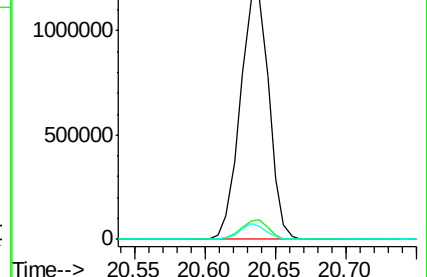
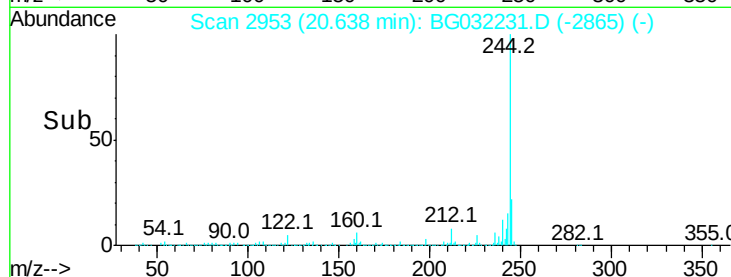
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.4	7.0	10.4



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: 26.12 min Scan# 3886

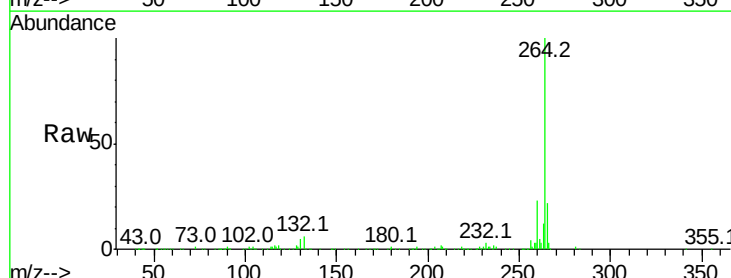
Delta R.T. -0.03 min

Lab File: BG032231.D

Acq: 23 Jan 2018 14:44

Tgt Ion:264 Resp: 469678

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.7	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

