

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032055.D
 Acq On : 16 Jan 2018 6:05
 Operator : SJ/JU
 Sample : J1113-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 07:38:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

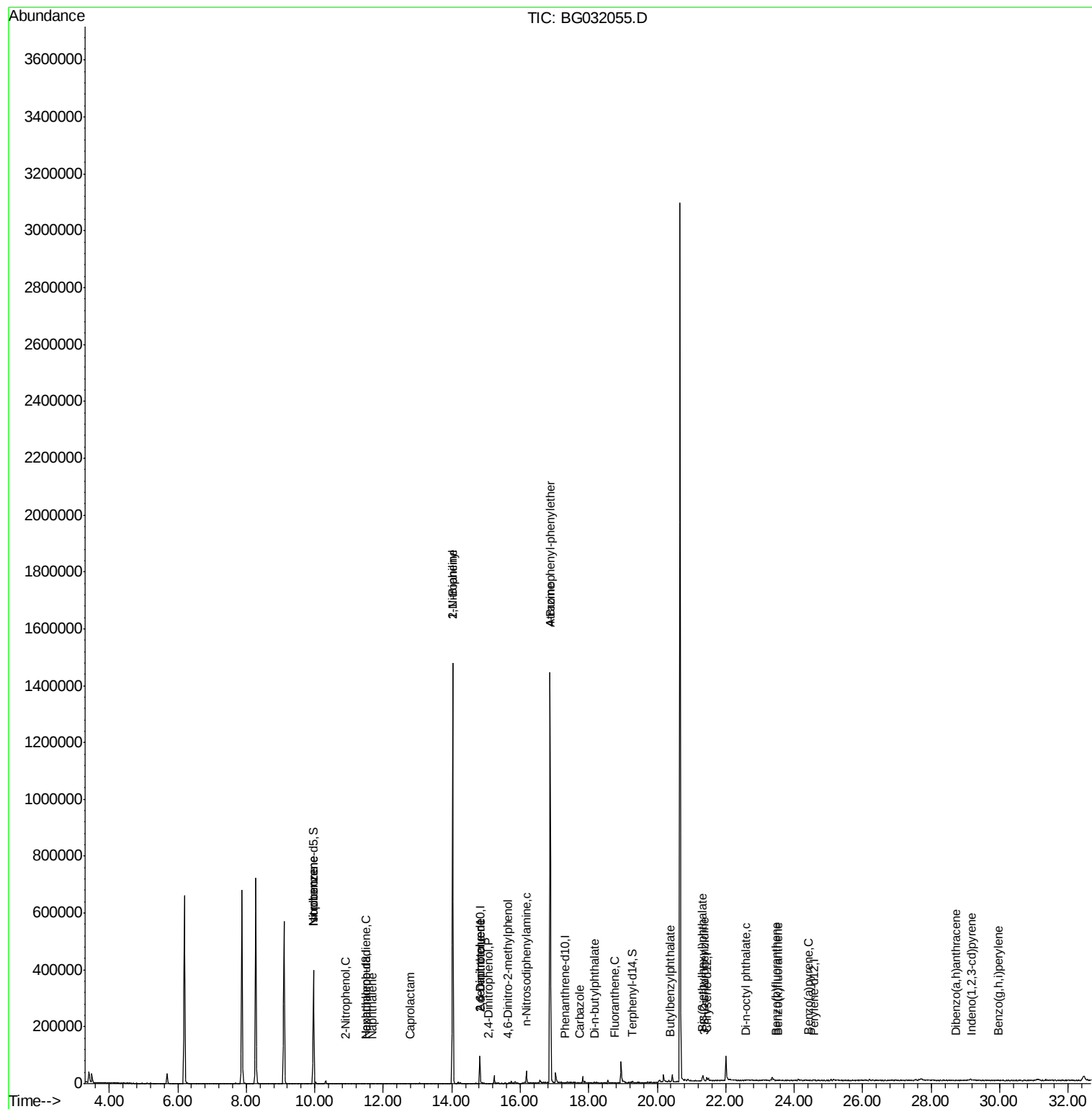
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.77
21) Naphthalene-d8	11.51	136	53	20.00	ng	-0.15
38) Acenaphthene-d10	14.82	164	7033	20.00	ng	-0.58
63) Phenanthrene-d10	17.29	188	73	20.00	ng	-0.85
75) Chrysene-d12	21.45	240	287	20.00	ng	-1.03
86) Perylene-d12	24.57	264	60	20.00	ng	-1.64
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	348199	0.00	ng	0.00
7) Phenol-d6	7.87	99	439048	0.00	ng	0.00
23) Nitrobenzene-d5	9.96	82	256331	327205.44	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	19.28	244	467	35.93	ng	-1.40
Target Compounds						
					Qvalue	
24) Nitrobenzene	9.96	77	870	1113.358	ng #	49
25) Isophorone	9.96	82	256331	175724.185	ng #	69
26) 2-Nitrophenol	10.90	139	70	151.182	ng #	29
31) Naphthalene	11.70	128	75	28.566	ng #	68
34) Hexachlorobutadiene	11.50	225	59	70.352	ng #	20
35) Caprolactam	12.77	113	61	222.399	ng #	1
45) 1,1'-Biphenyl	14.03	154	1676	2.780	ng #	1
47) 2-Nitroaniline	14.02	65	962	10.714	ng #	6
50) 2,6-Dinitrotoluene	14.83	165	860	6.732	ng #	33
53) 2,4-Dinitrophenol	15.07	184	106	8.474	ng #	1
56) 2,4-Dinitrotoluene	14.83	165	860	5.000	ng #	14
64) 4,6-Dinitro-2-methylphenol	15.63	198	56	112.539	ng #	29
65) n-Nitrosodiphenylamine	16.18	169	306	138.141	ng #	58
66) 4-Bromophenyl-phenylether	16.87	248	26526	25538.741	ng #	1
68) Atrazine	16.87	200	60	64.408	ng #	1
72) Carbazole	17.72	167	61	17.346	ng #	59
73) Di-n-butylphthalate	18.17	149	65	15.643	ng #	78
74) Fluoranthene	18.76	202	55	10.808	ng #	65
79) Butylbenzylphthalate	20.37	149	60	9.282	ng #	20
81) 3,3'-Dichlorobenzidine	21.38	252	116	17.398	ng #	26
83) Bis(2-ethylhexyl)phthalate	21.32	149	175	18.462	ng #	50
84) Di-n-octyl phthalate	22.58	149	69	4.583	ng #	1
85) Indeno(1,2,3-cd)pyrene	29.19	276	61	2.908	ng #	53
87) Benzo(b)fluoranthene	23.47	252	55	15.165	ng #	59
88) Benzo(k)fluoranthene	23.53	252	55	15.520	ng #	60
89) Benzo(a)pyrene	24.41	252	60	17.489	ng #	59
90) Dibenzo(a,h)anthracene	28.72	278	55	16.637	ng #	58
91) Benzo(g,h,i)perylene	29.96	276	238	70.435	ng #	56

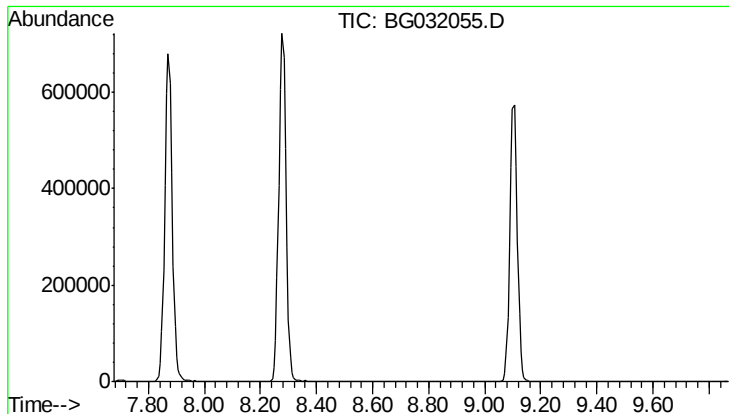
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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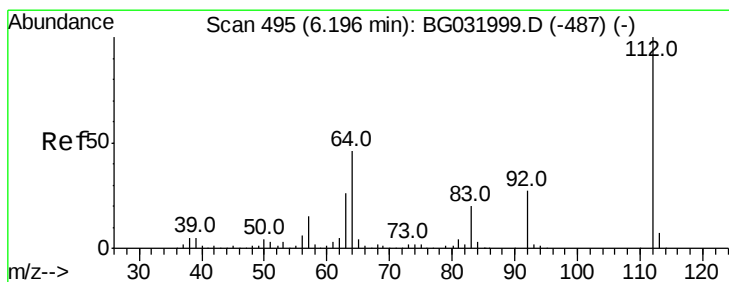
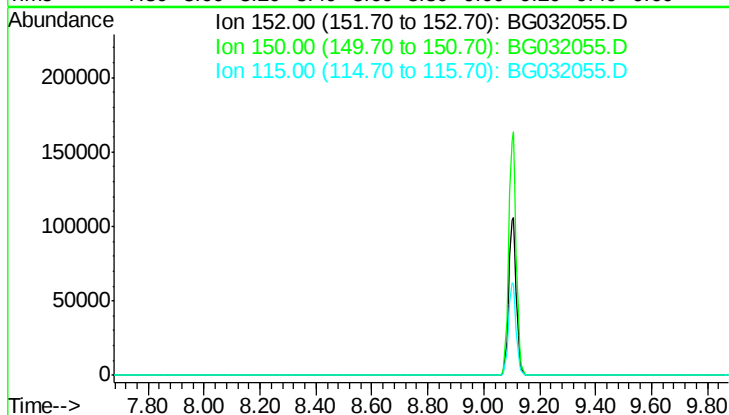




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.77 min
 Lab File: BG032055.D
 Acq: 16 Jan 2018 6:05

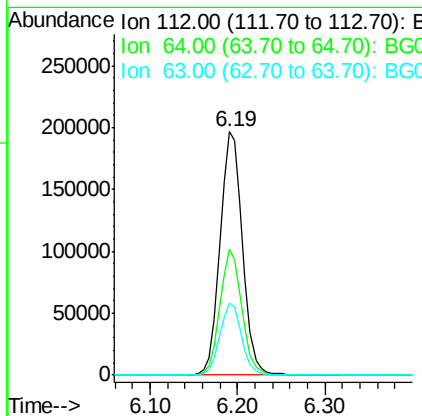
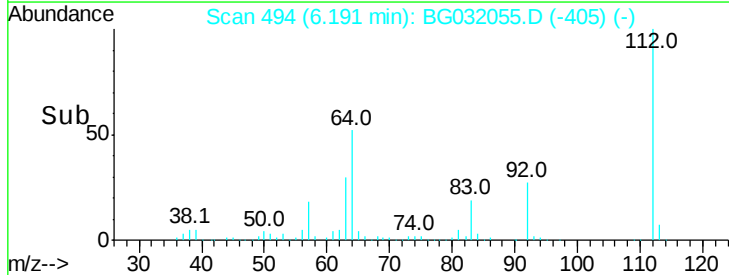
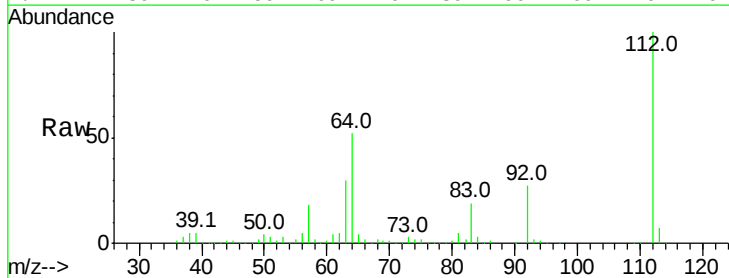
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 158.2
 115 66.2



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 6.19 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BG032055.D
 Acq: 16 Jan 2018 6:05

Tgt Ion: 112 Resp: 348199
 Ion Ratio Lower Upper
 112 100
 64 51.8 56.3 84.5#
 63 29.7 30.1 45.1#





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_G

ClientSampleId :

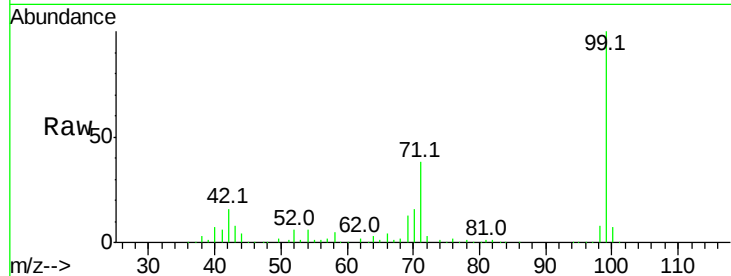
Tot Ion: 99 Resp: 439048

Ion Ratio Lower Upper

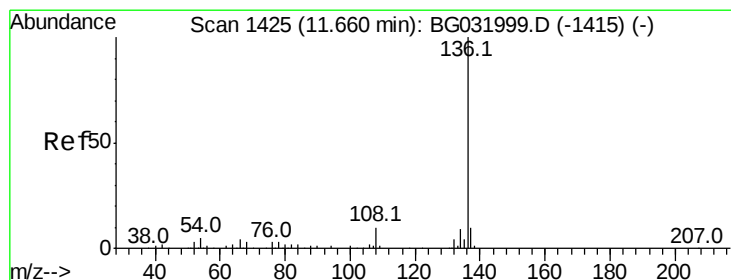
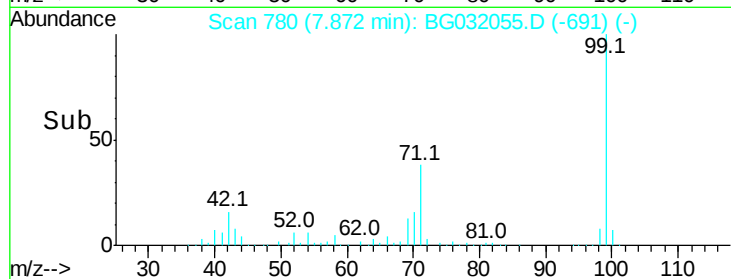
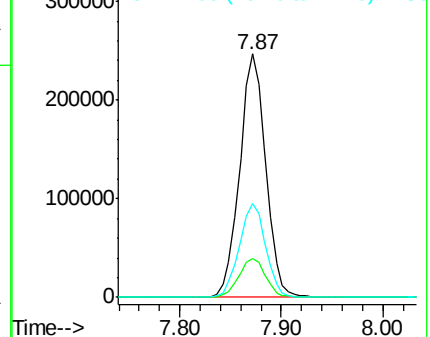
99 100

42 16.1 14.1 21.1

71 38.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.51 min Scan# 1399

Delta R.T. -0.15 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Tgt Ion: 136 Resp: 53

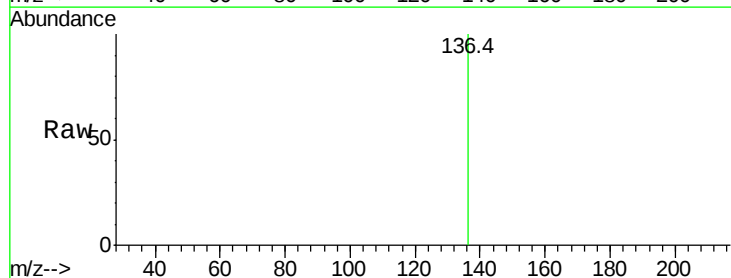
Ion Ratio Lower Upper

136 100

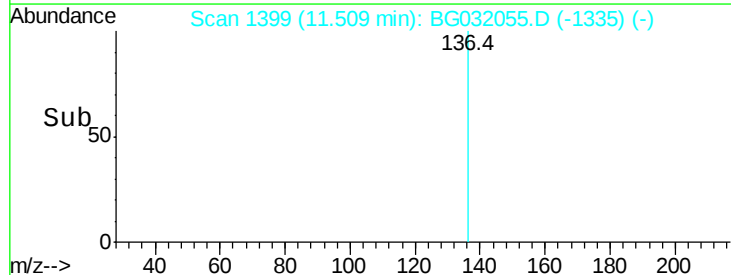
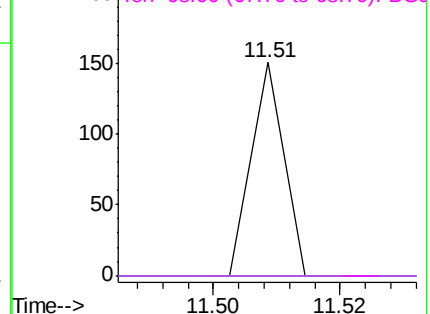
137 0.0 9.2 13.8#

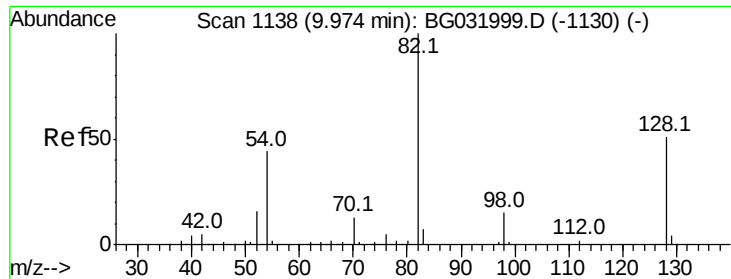
54 0.0 10.3 15.5#

68 0.0 4.5 6.7#



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: 327205.440 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_G

ClientSampleId :

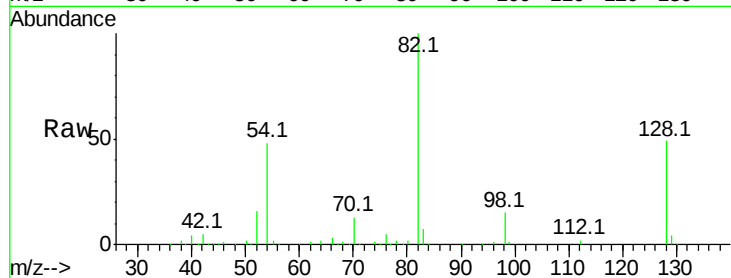
Tot Ion: 82 Resp: 256331

Ion Ratio Lower Upper

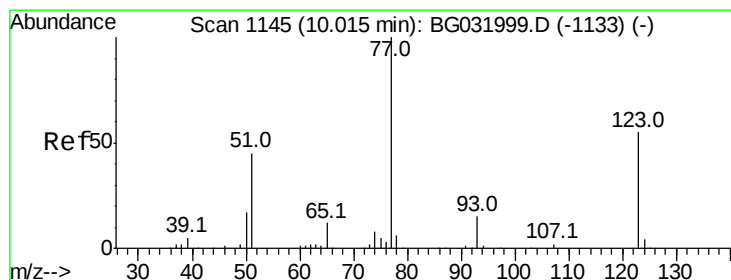
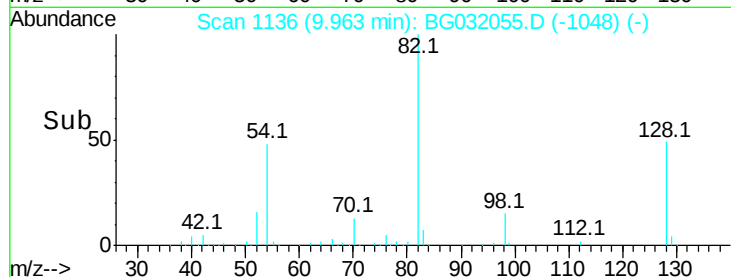
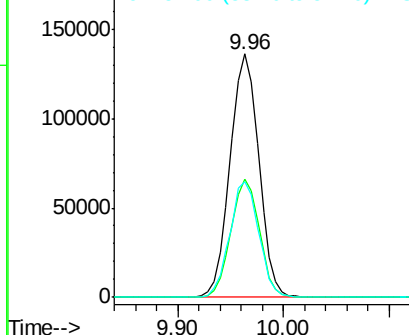
82 100

128 48.7 29.7 44.5#

54 47.7 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



#24

Nitrobenzene

Concen: 1113.358 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.06 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

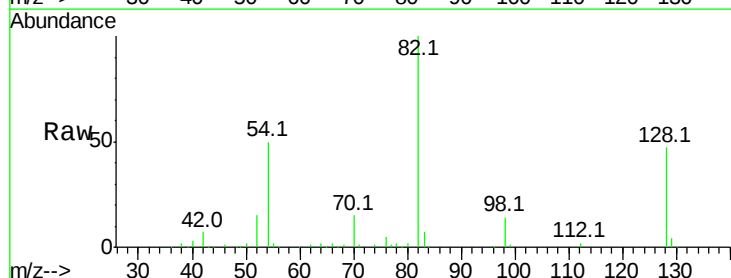
Tgt Ion: 77 Resp: 870

Ion Ratio Lower Upper

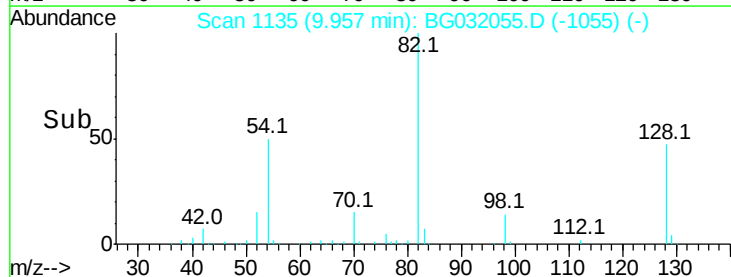
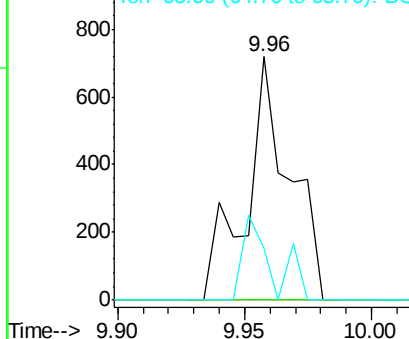
77 100

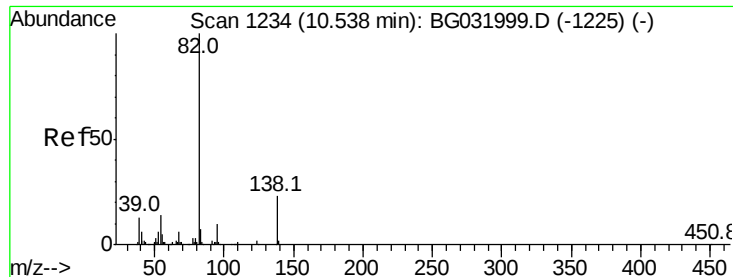
123 0.0 33.0 49.6#

65 21.3 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 175724.185 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.57 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_G

ClientSampleId :

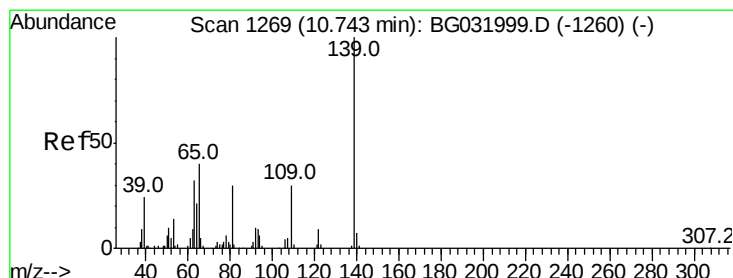
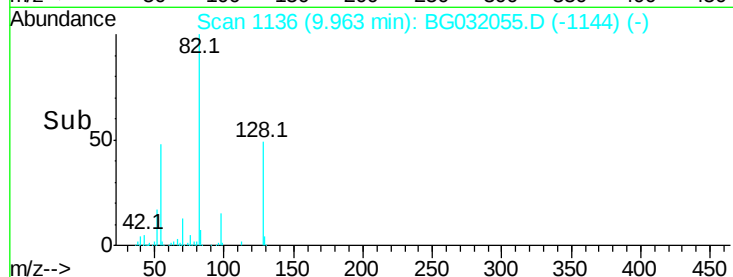
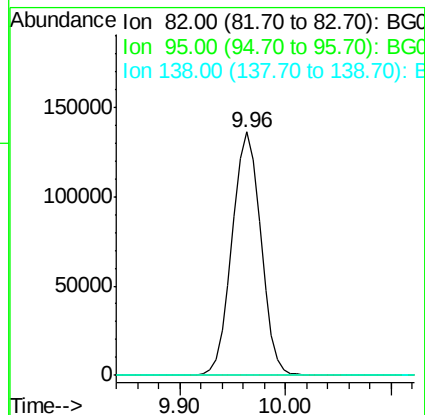
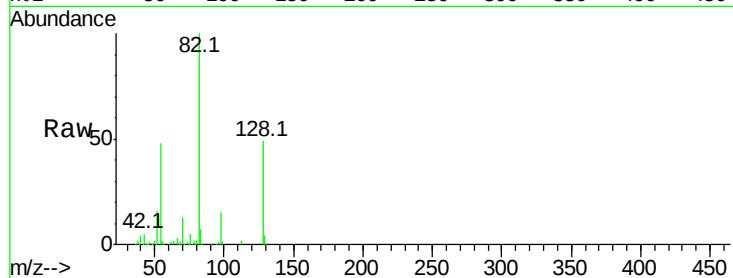
Tot Ion: 82 Resp: 256331

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 151.182 ng

RT: 10.90 min Scan# 1295

Delta R.T. 0.15 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

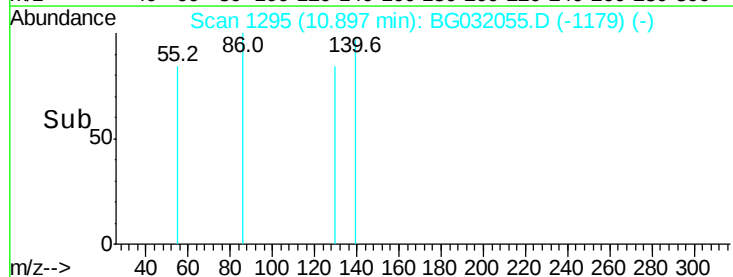
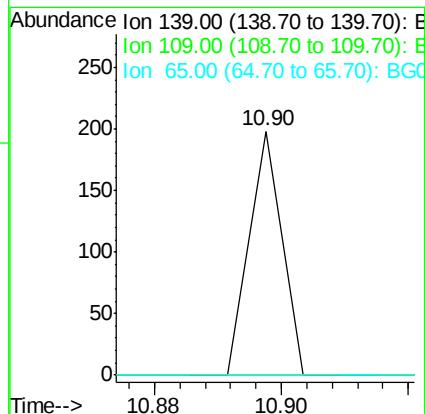
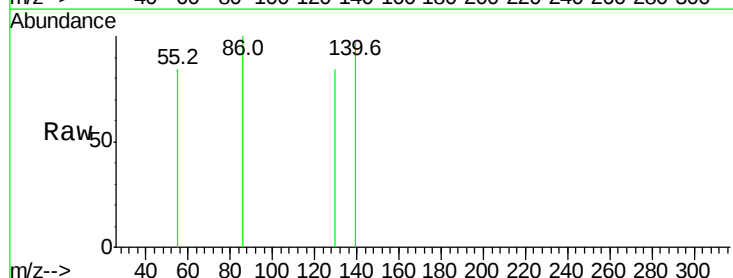
Tgt Ion: 139 Resp: 70

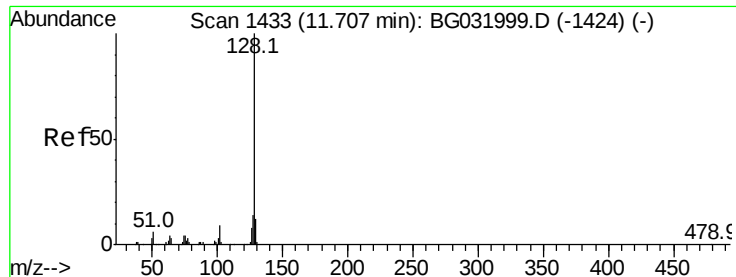
Ion Ratio Lower Upper

139 100

109 0.0 24.2 36.2#

65 0.0 47.4 71.0#





#31

Naphthalene

Concen: 28.566 ng

RT: 11.70 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_G

ClientSampleId :

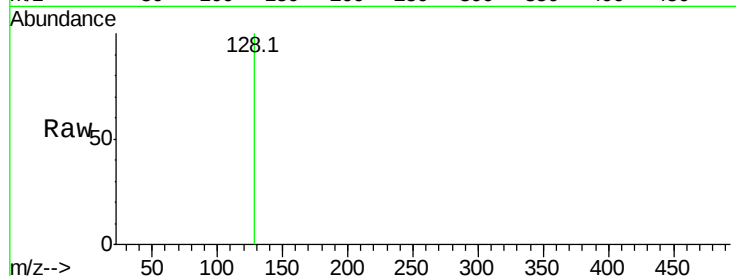
Tot Ion:128 Resp: 75

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 11.6 17.4#



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

400

300

200

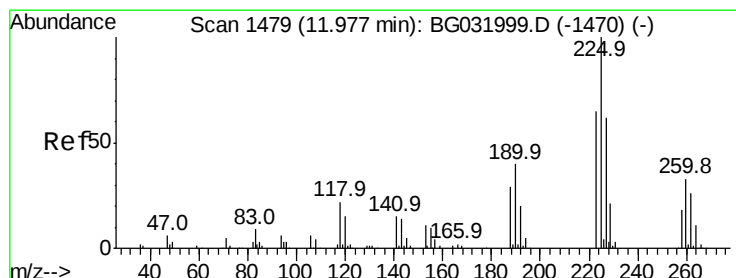
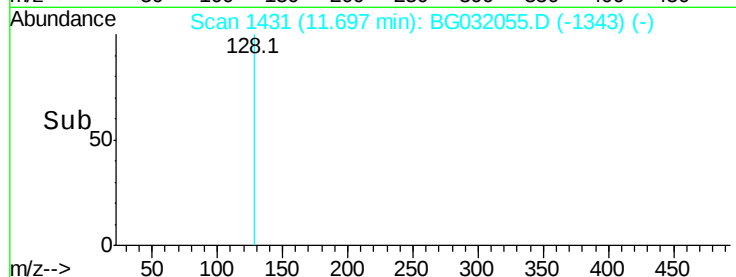
100

0

11.68 11.69 11.70

11.70

Time-->



#34

Hexachlorobutadiene

Concen: 70.352 ng

RT: 11.50 min Scan# 1397

Delta R.T. -0.48 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

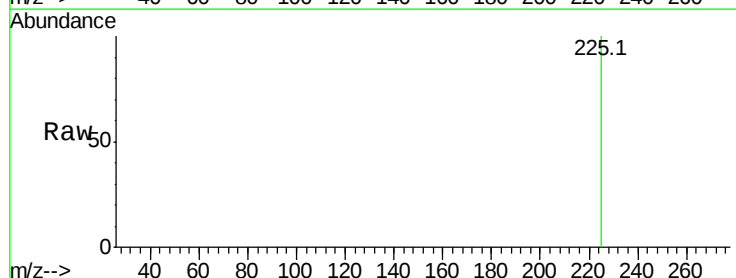
Tgt Ion:225 Resp: 59

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

227 0.0 48.1 72.1#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

200

150

100

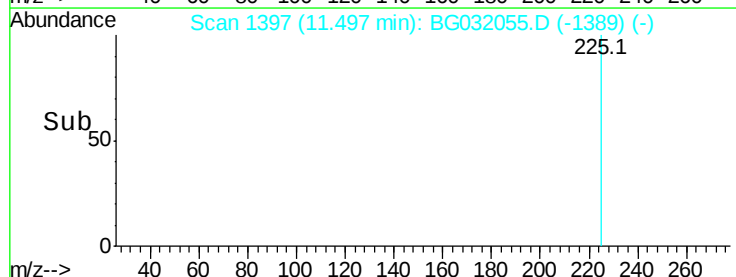
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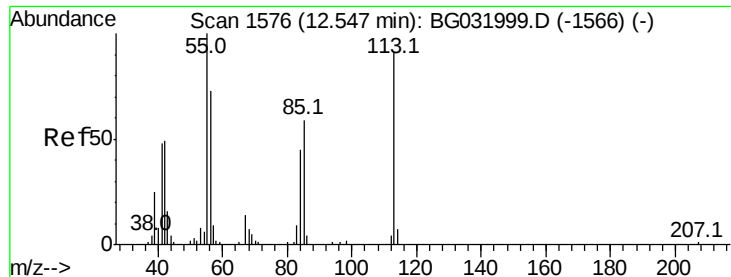
0

11.48 11.50

11.50

Time-->





#35

Caprolactam

Concen: 222.399 ng

RT: 12.77 min Scan# 1613

Delta R.T. 0.22 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

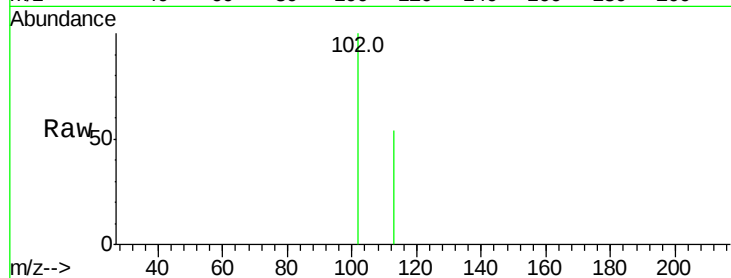
Instrument :

BNA_G

ClientSampled :

Tot Ion:113 Resp: 61

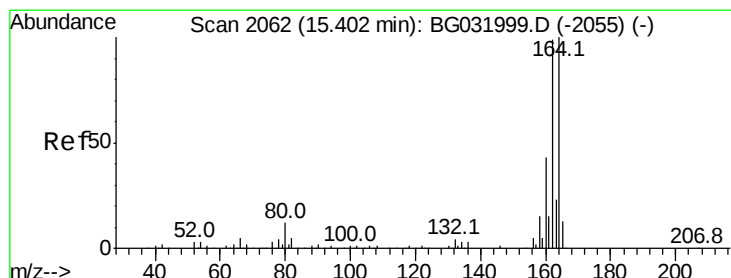
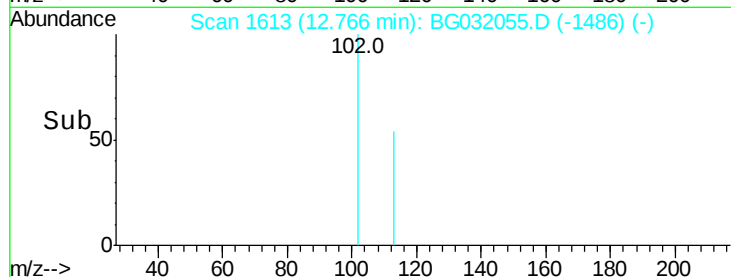
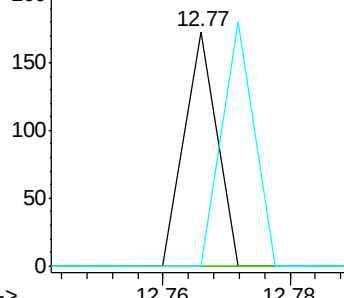
Ion	Ratio	Lower	Upper
113	100		
55	0.0	186.9	226.9#
56	0.0	130.9	170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.82 min Scan# 1963

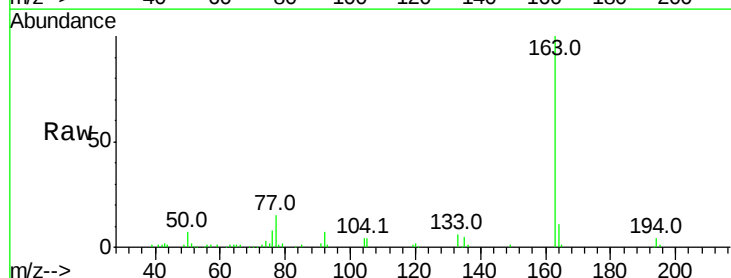
Delta R.T. -0.58 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Tgt Ion:164 Resp: 7033

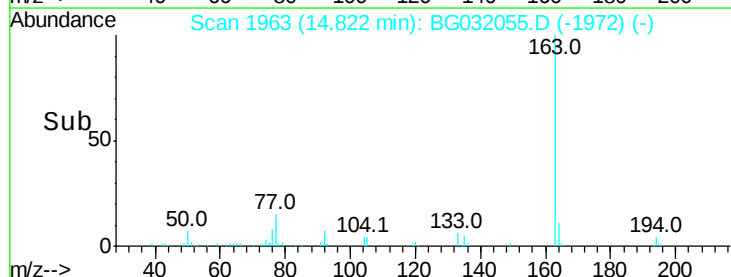
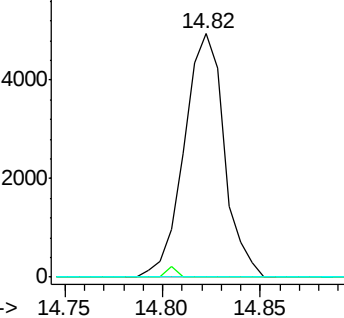
Ion	Ratio	Lower	Upper
164	100		
162	0.0	78.8	118.2#
160	0.0	35.4	53.0#

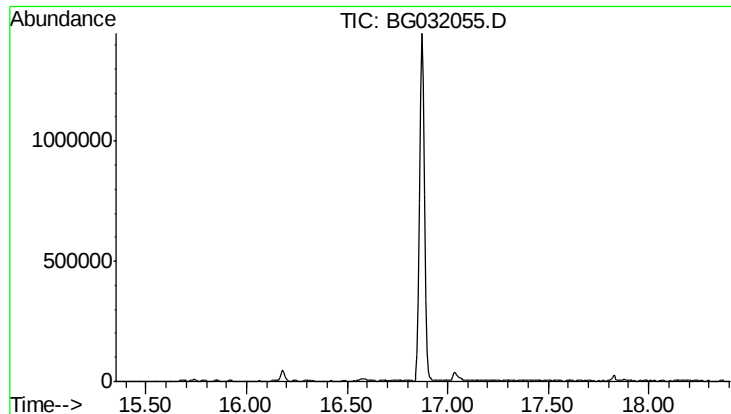


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

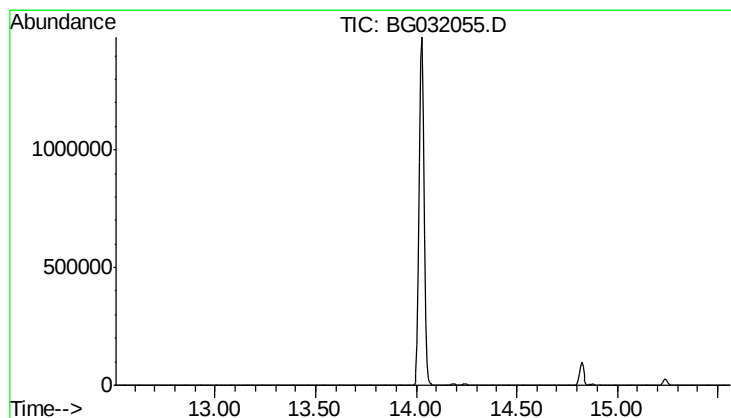
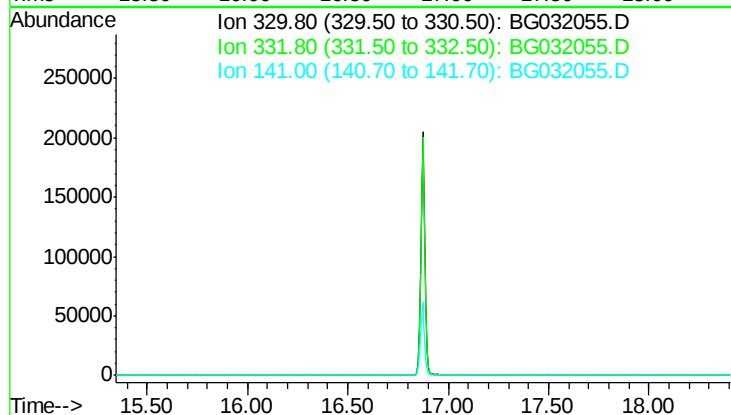




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.88 min
 Lab File: BG032055.D
 Acq: 16 Jan 2018 6:05

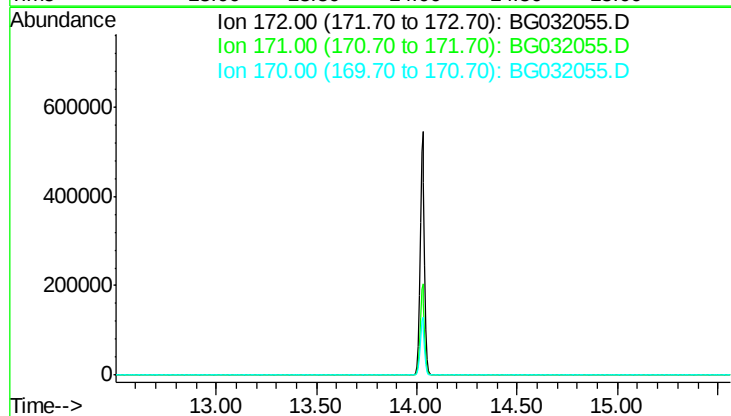
Instrument :
 BNA_G
 ClientSampleId :

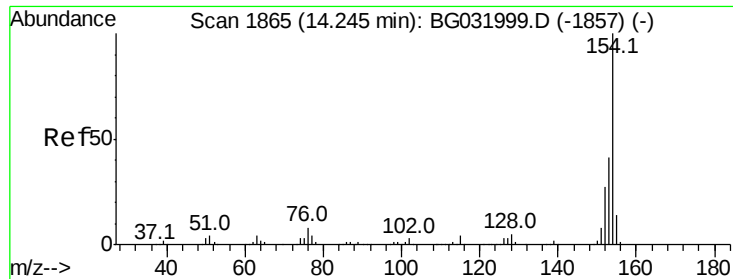
Tot Ion	330	332	141
Sig	100	96.3	31.5
Exp Ratio			



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 14.03 min
 Lab File: BG032055.D
 Acq: 16 Jan 2018 6:05

Tgt Ion	172	171	170
Sig	100	37.5	24.4
Exp Ratio			





#45

1,1'-Biphenyl

Concen: 2.780 ng

RT: 14.03 min Scan# 1828

Delta R.T. -0.22 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

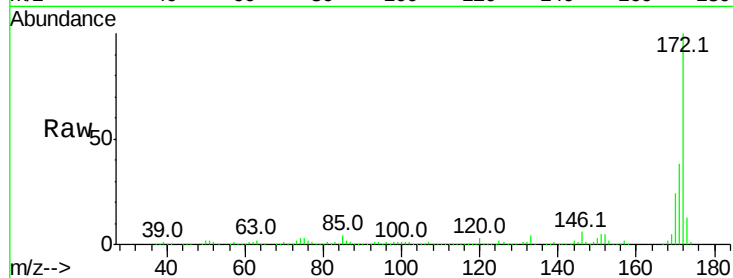
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 1676

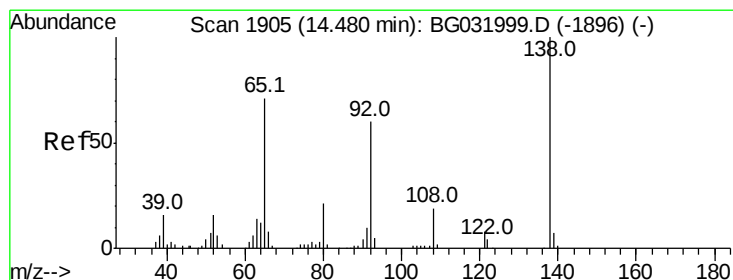
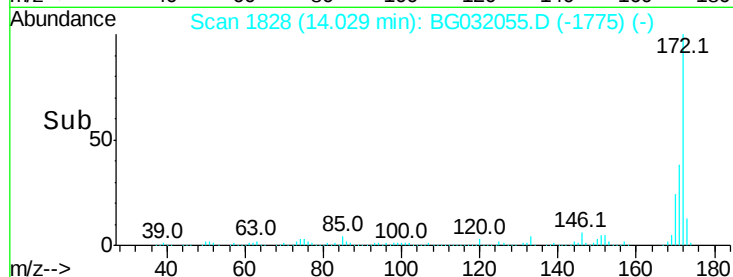
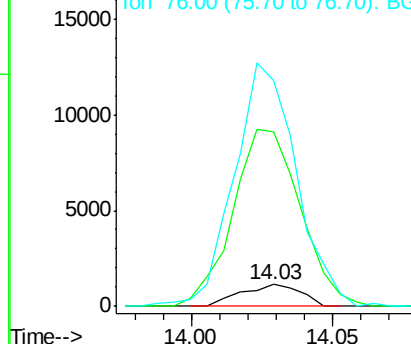
Ion	Ratio	Lower	Upper
154	100		
153	794.8	19.8	59.8#
76	1027.2	0.0	31.9#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#47

2-Nitroaniline

Concen: 10.714 ng

RT: 14.02 min Scan# 1827

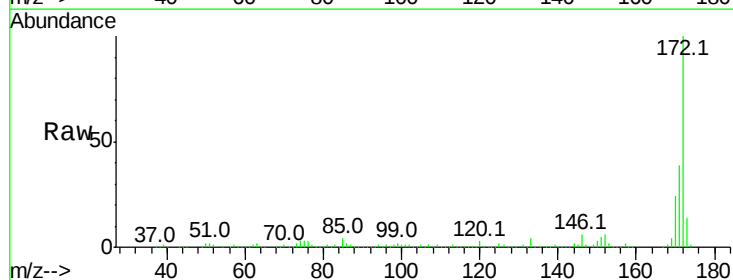
Delta R.T. -0.46 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Tgt Ion: 65 Resp: 962

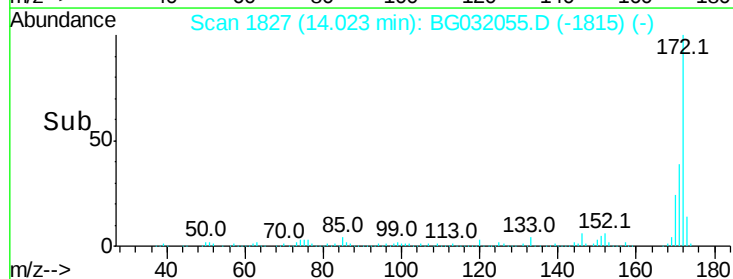
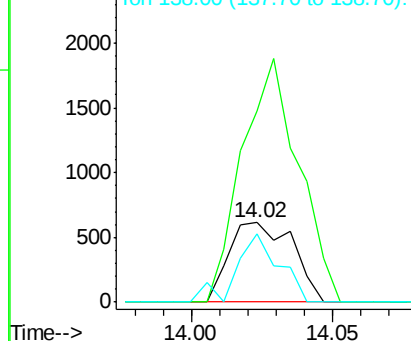
Ion	Ratio	Lower	Upper
65	100		
92	241.3	54.6	82.0#
138	86.4	72.9	109.3

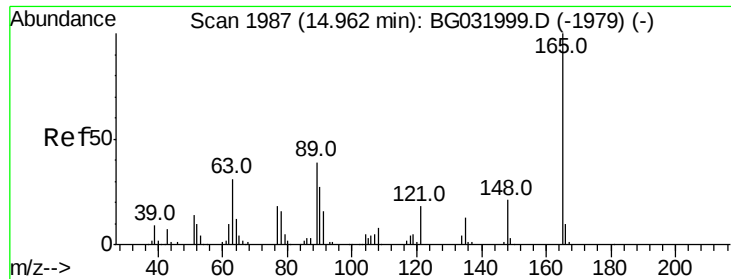


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

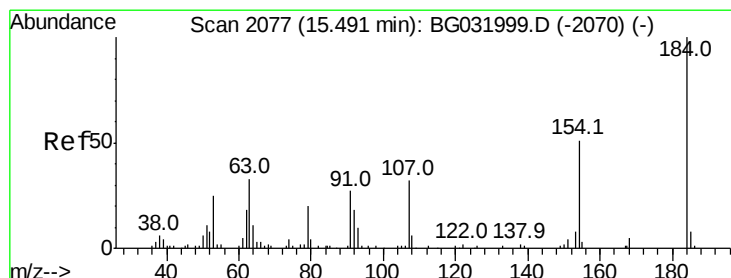
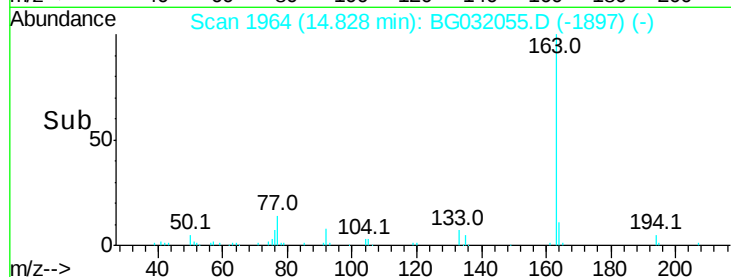
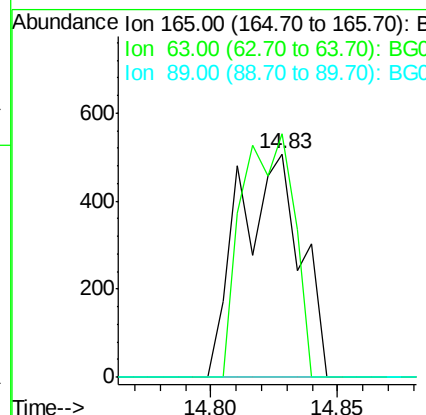
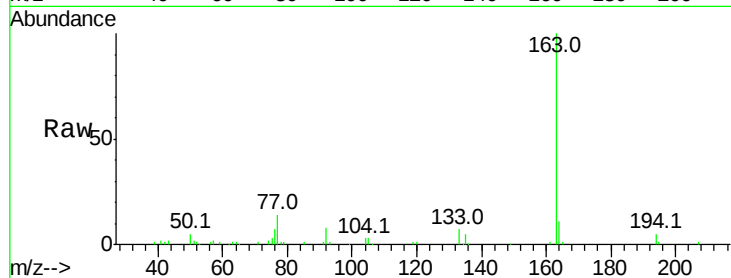




#50
2,6-Dinitrotoluene
Concen: 6.732 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.13 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

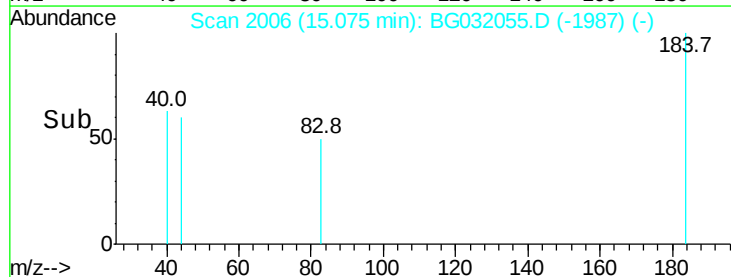
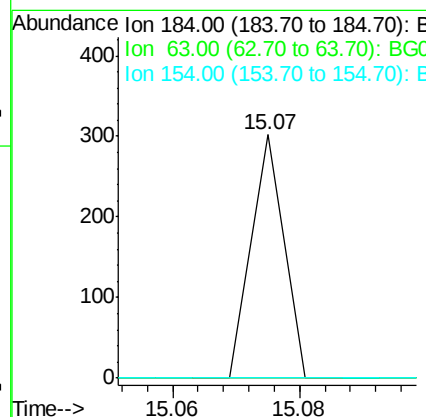
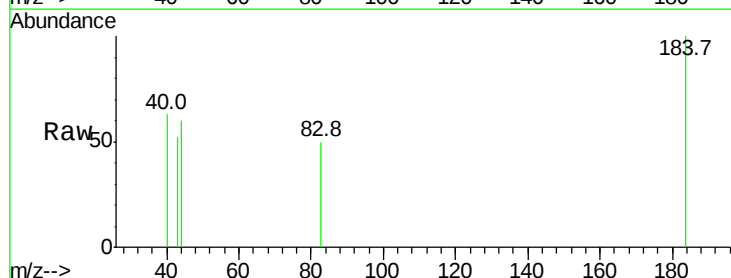
Instrument :
BNA_G
ClientSampleId :

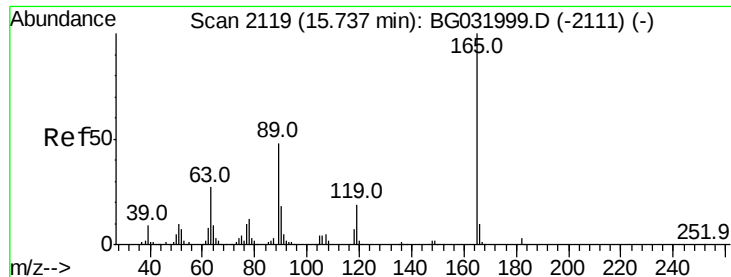
Tot Ion:165 Resp: 860
Ion Ratio Lower Upper
165 100
63 109.1 52.7 79.1#
89 0.0 49.2 73.8#



#53
2,4-Dinitrophenol
Concen: 8.474 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.42 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

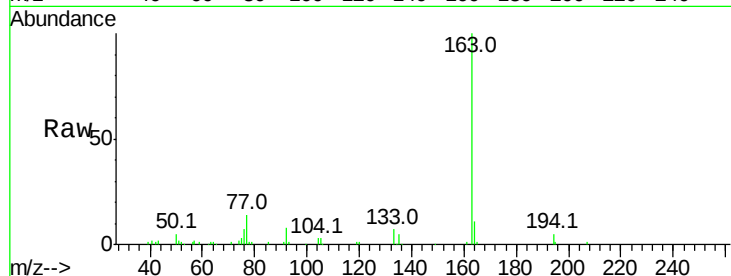




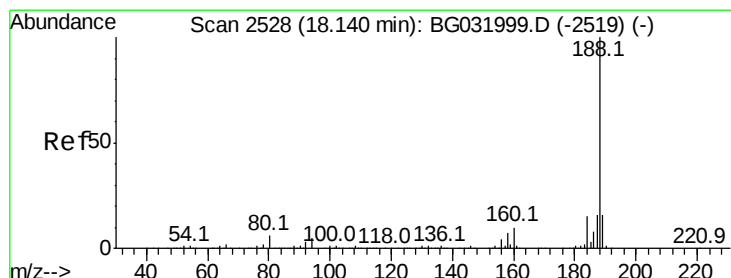
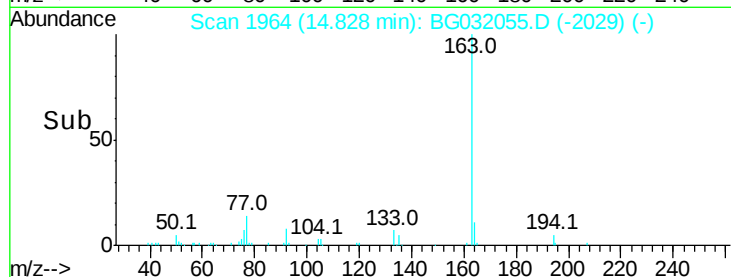
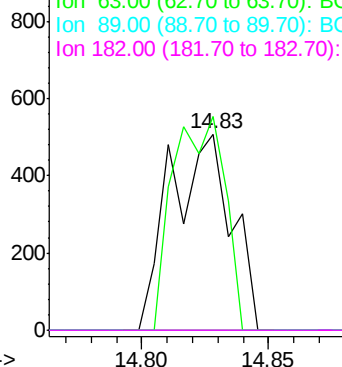
#56
2,4-Dinitrotoluene
Concen: 5.000 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.91 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 860
Ion Ratio Lower Upper
165 100
63 109.1 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

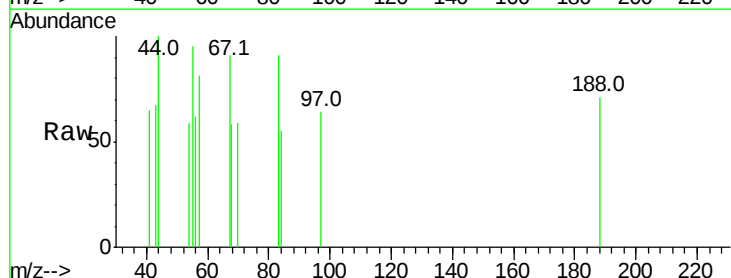


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

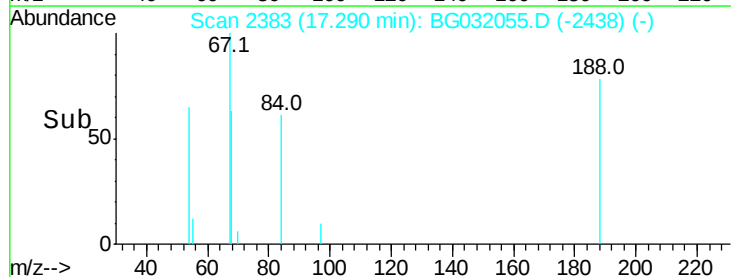
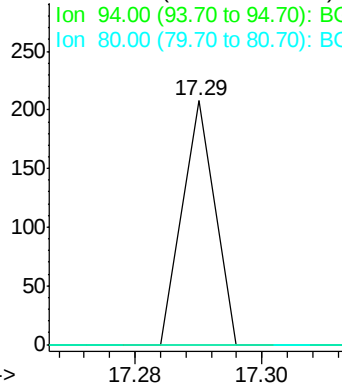


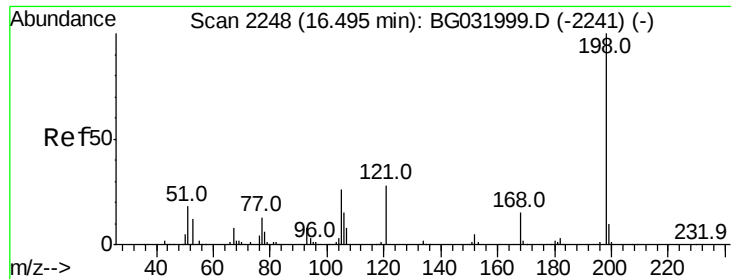
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2383
Delta R.T. -0.85 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

Tgt Ion:188 Resp: 73
Ion Ratio Lower Upper
188 100
94 0.0 6.9 10.3#
80 0.0 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





#64

4,6-Dinitro-2-methylphenol

Concen: 112.539 ng

RT: 15.63 min Scan# 2101

Delta R.T. -0.86 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_G

ClientSampleId :

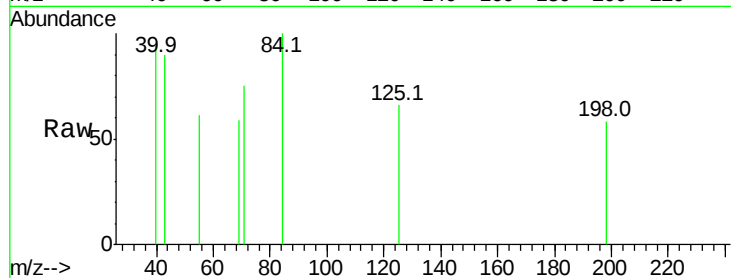
Tot Ion:198 Resp: 56

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

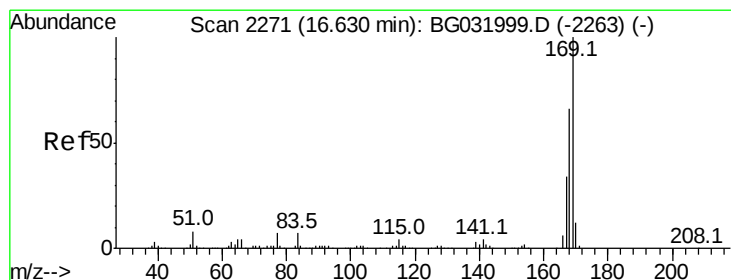
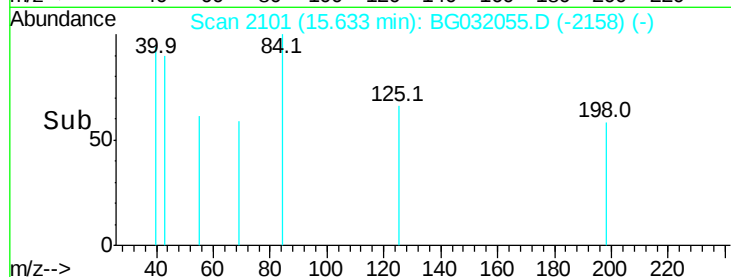
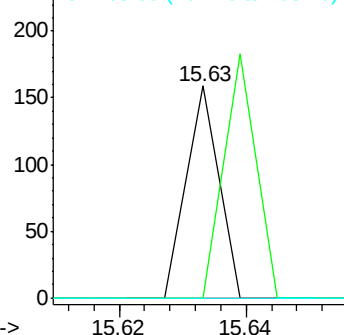
105 0.0 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 138.141 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.45 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

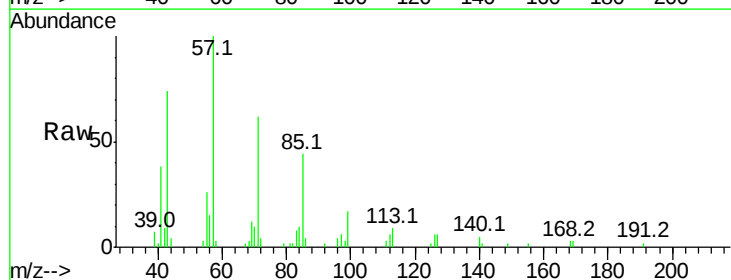
Tgt Ion:169 Resp: 306

Ion Ratio Lower Upper

169 100

168 94.9 55.7 83.5#

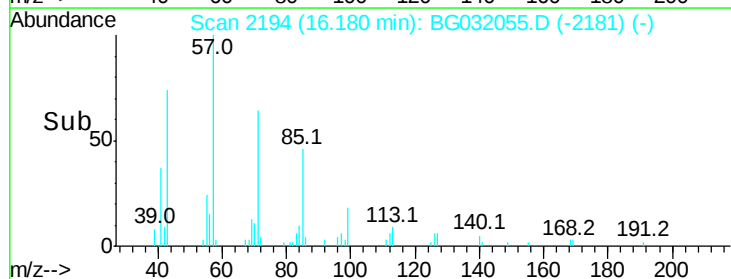
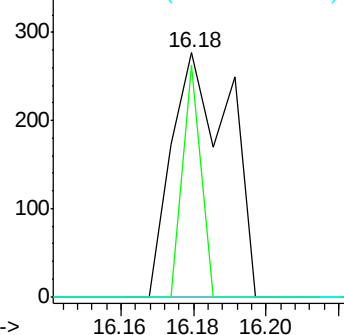
167 0.0 30.1 45.1#

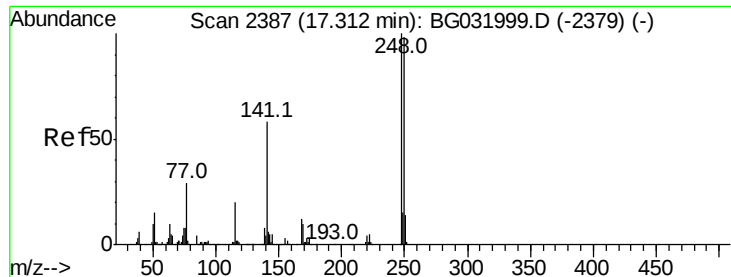


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

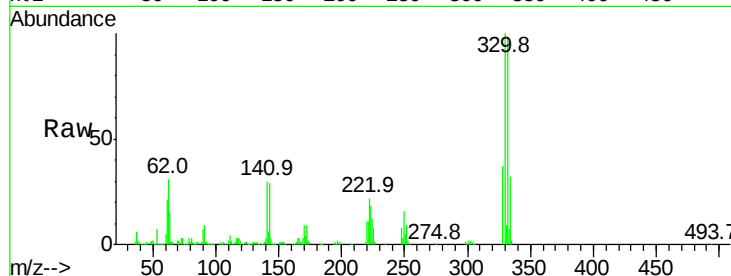




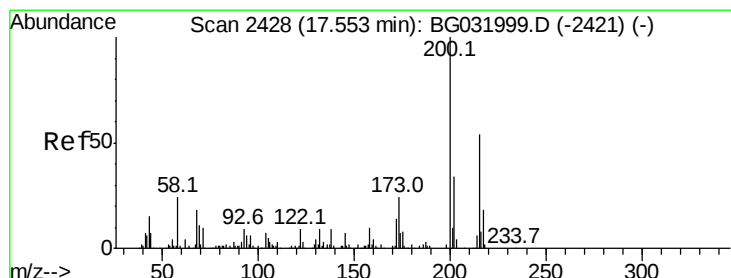
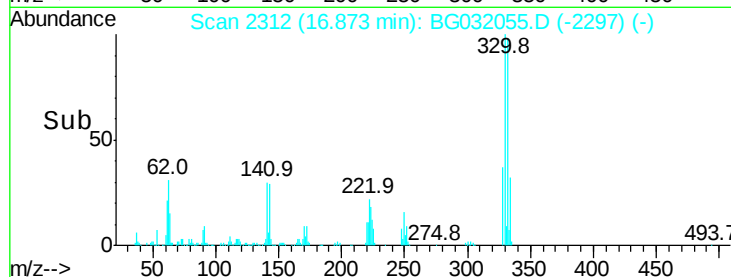
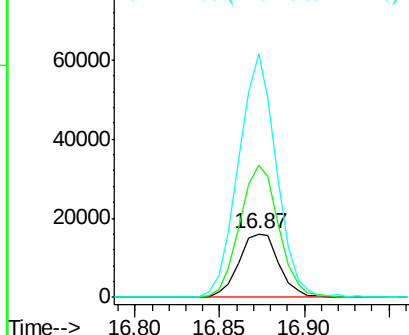
#66
4-Bromophenyl-phenylether
Concen: 25538.741 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 26526
Ion Ratio Lower Upper
248 100
250 209.2 77.1 115.7#
141 385.3 50.8 76.2#

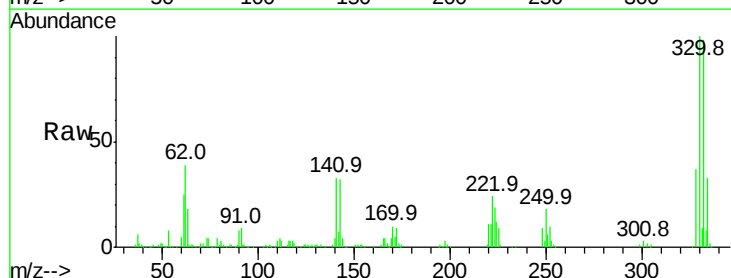


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

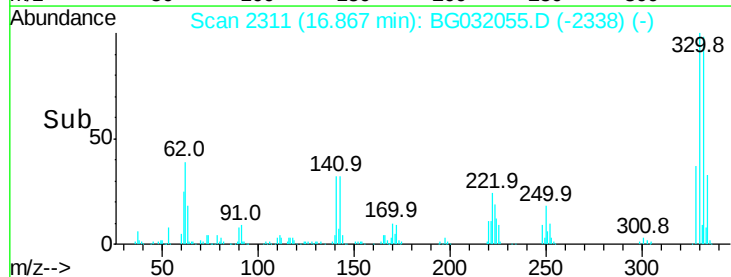
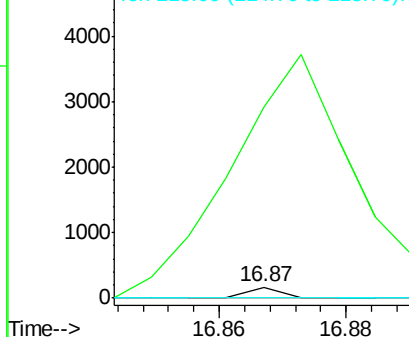


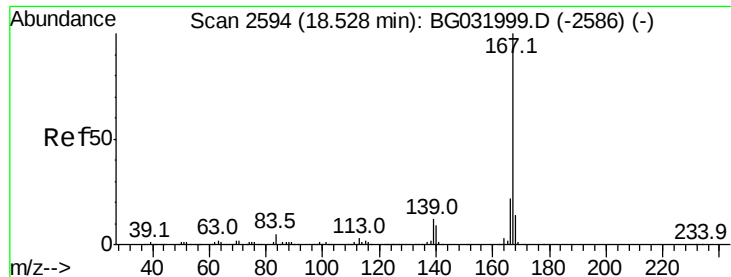
#68
Atrazine
Concen: 64.408 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.69 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

Tgt Ion:200 Resp: 60
Ion Ratio Lower Upper
200 100
173 1727.8 5.2 45.2#
215 0.0 30.4 70.4#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#72

Carbazole

Concen: 17.346 ng

RT: 17.72 min Scan# 2457

Delta R.T. -0.80 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_G

ClientSampleId :

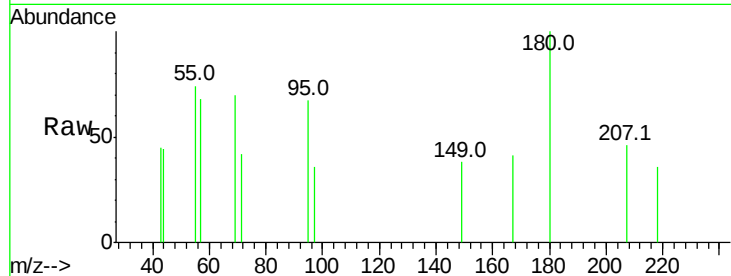
Tot Ion:167 Resp: 61

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

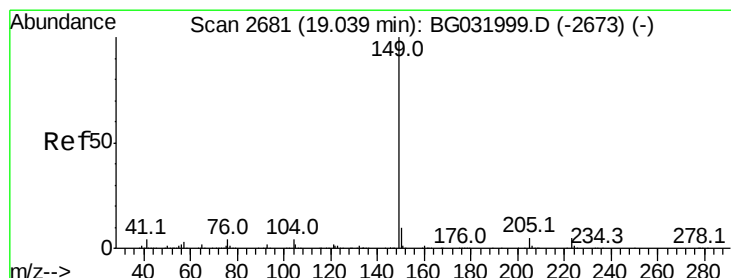
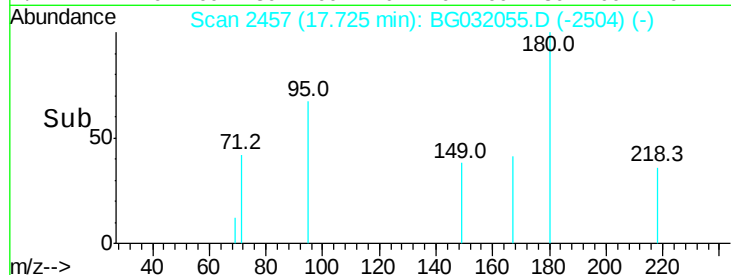
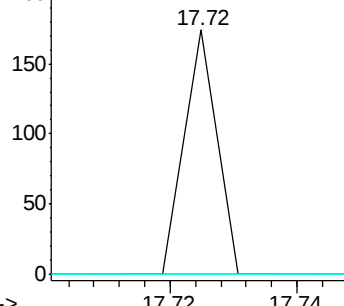
139 0.0 9.4 14.2#



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



#73

Di-n-butylphthalate

Concen: 15.643 ng

RT: 18.17 min Scan# 2533

Delta R.T. -0.87 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

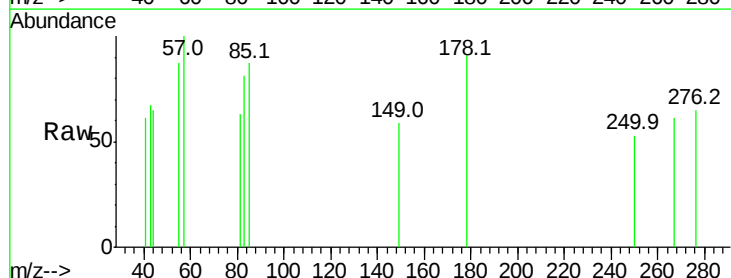
Tgt Ion:149 Resp: 65

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

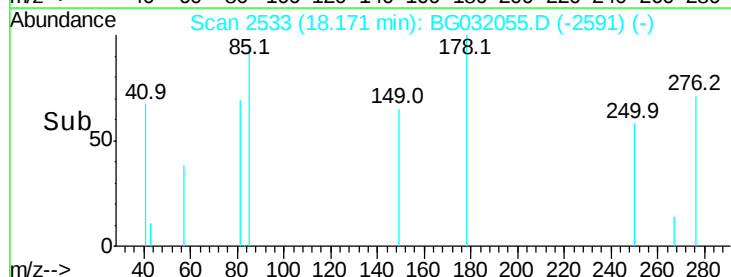
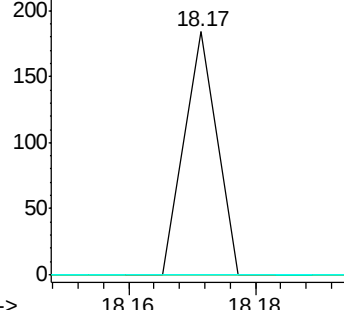
104 0.0 3.9 5.9#

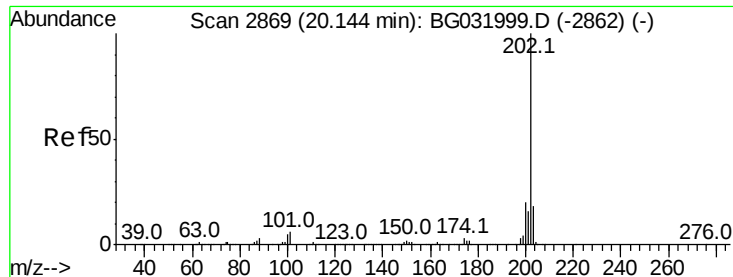


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 10.808 ng

RT: 18.76 min Scan# 2633

Delta R.T. -1.39 min

Lab File: BG032055.D

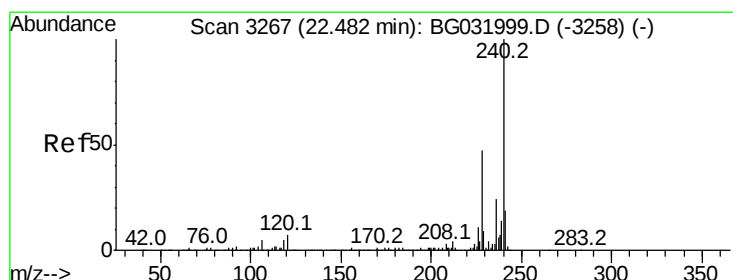
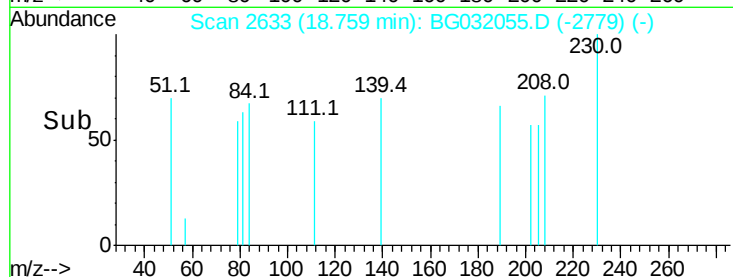
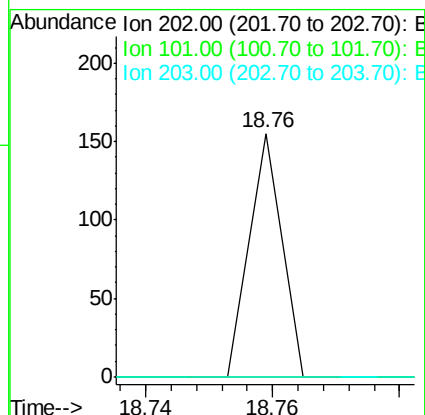
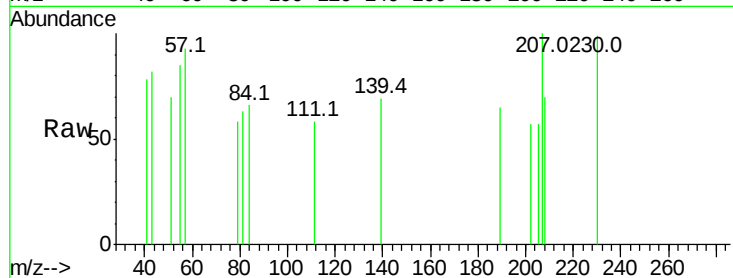
Acq: 16 Jan 2018 6:05

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	55
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5



#75

Chrysene-d12

Concen: 20.000 ng

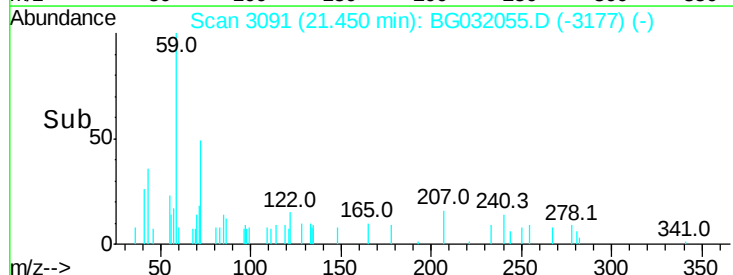
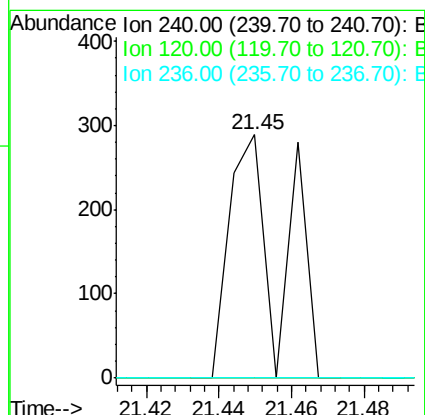
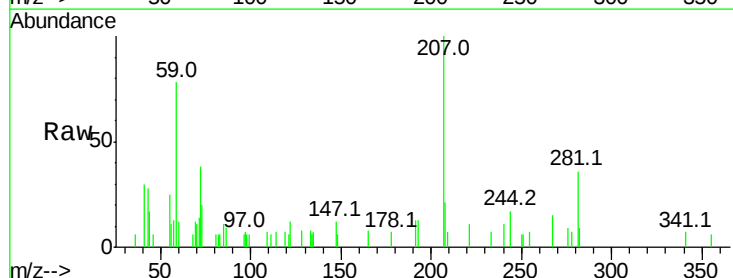
RT: 21.45 min Scan# 3091

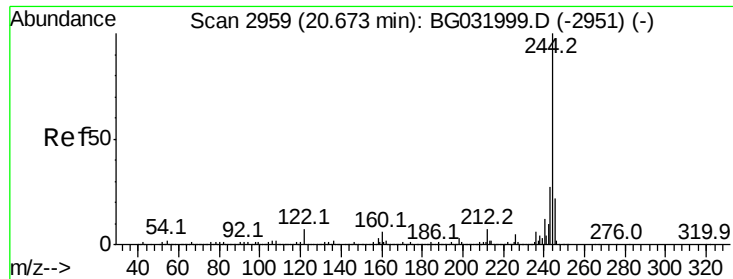
Delta R.T. -1.03 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Tgt Ion:	240	Resp:	287
Ion	Ratio	Lower	Upper
240	100		
120	0.0	6.8	10.2#
236	0.0	20.9	31.3#





#78

Terphenyl-d14

Concen: 35.929 ng

RT: 19.28 min Scan# 2721

Delta R.T. -1.40 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_G

ClientSampleId :

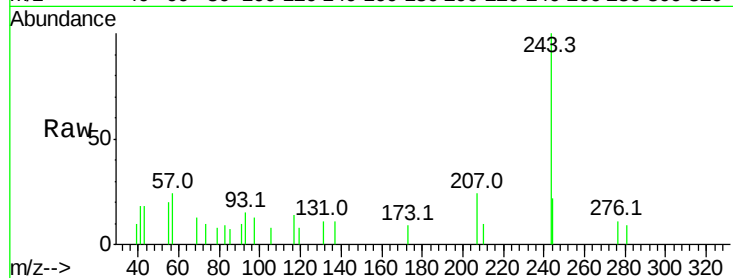
Tot Ion:244 Resp: 467

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

122 0.0 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

19.28

400

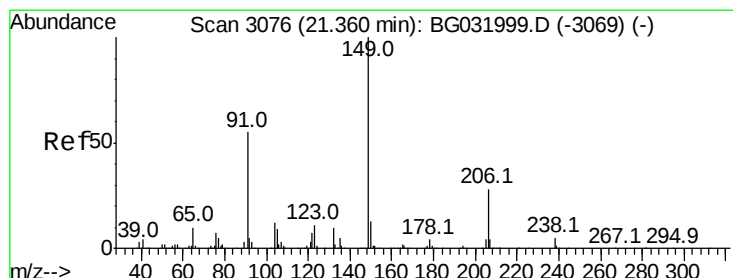
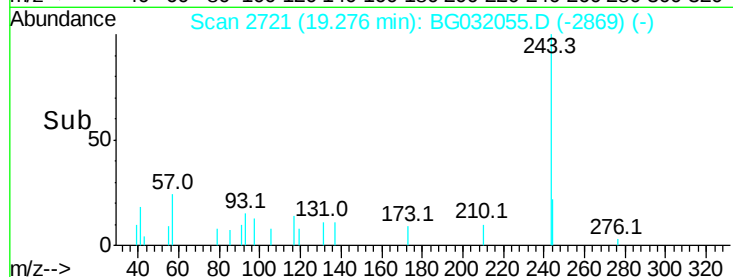
300

200

100

0

Time--> 19.24 19.26 19.28 19.30



#79

Butylbenzylphthalate

Concen: 9.282 ng

RT: 20.37 min Scan# 2907

Delta R.T. -0.99 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

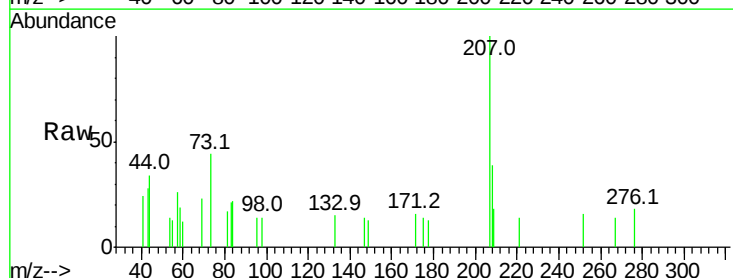
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

20.37

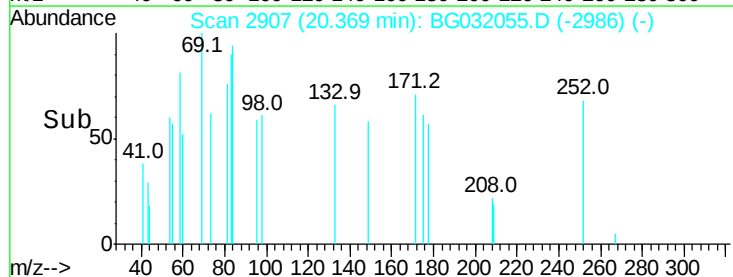
150

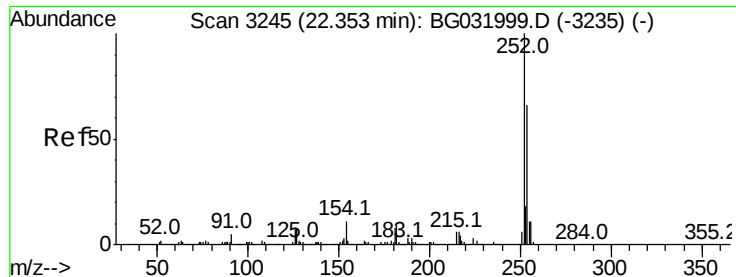
100

50

0

Time--> 20.36 20.38

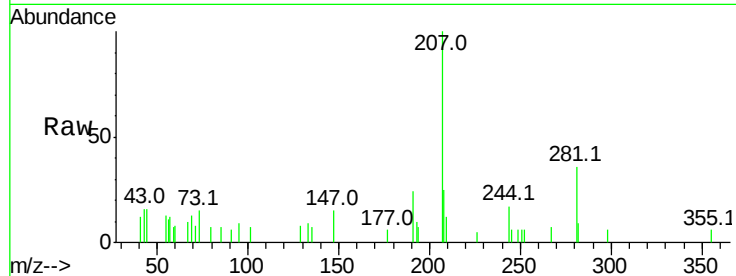




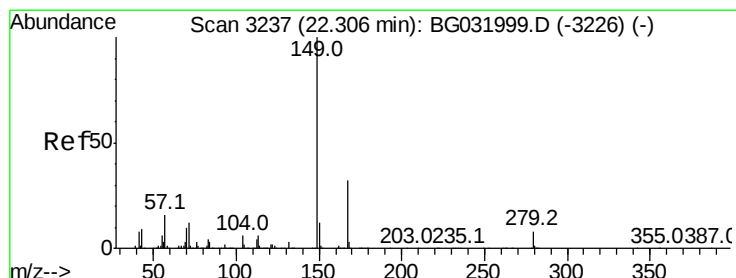
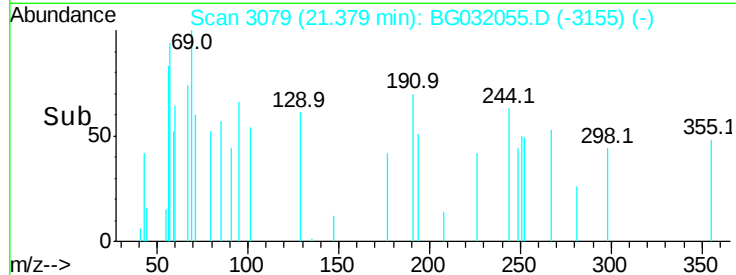
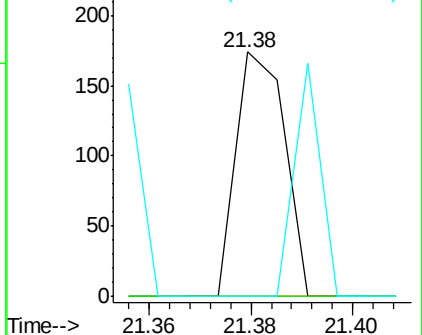
#81
 3,3'-Dichlorobenzidine
 Concen: 17.398 ng
 RT: 21.38 min Scan# 3079
 Delta R.T. -0.97 min
 Lab File: BG032055.D
 Acq: 16 Jan 2018 6:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 116
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 0.0 7.4 11.2#

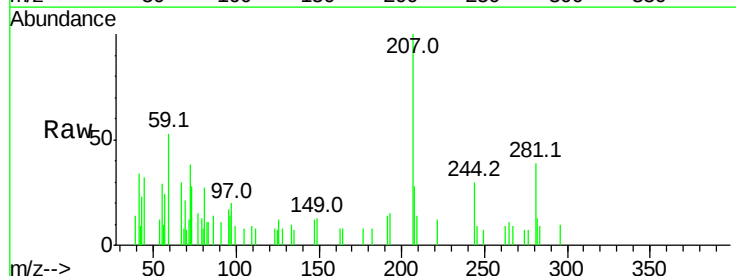


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

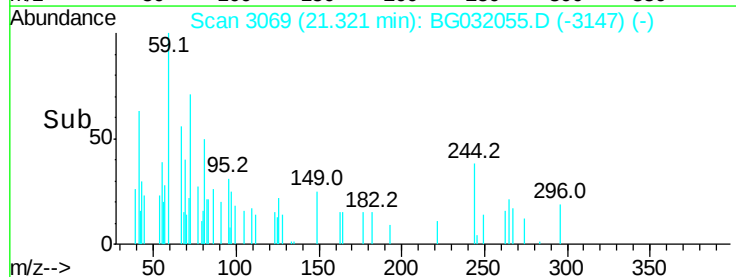
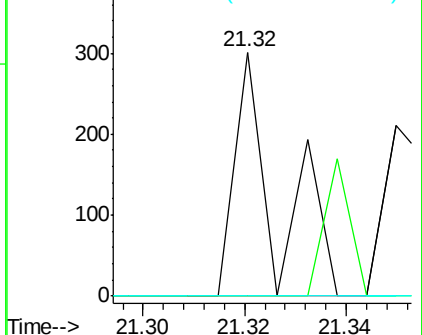


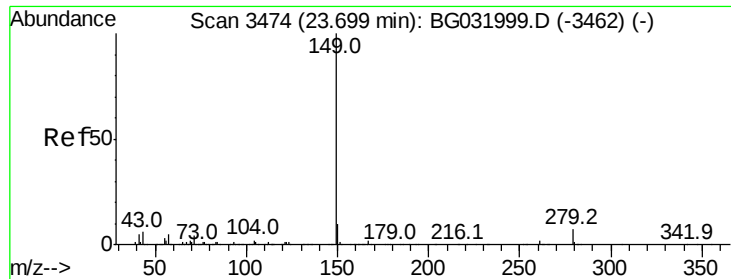
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.462 ng
 RT: 21.32 min Scan# 3069
 Delta R.T. -0.99 min
 Lab File: BG032055.D
 Acq: 16 Jan 2018 6:05

Tgt Ion:149 Resp: 175
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.3 36.5#
 279 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

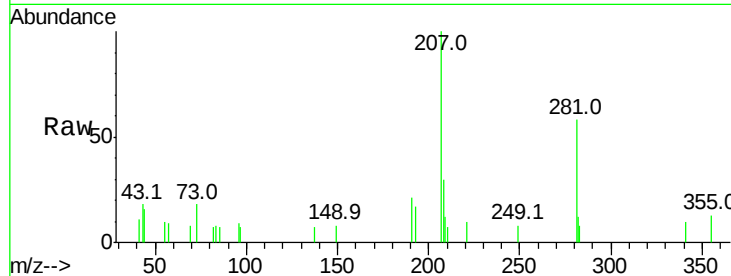




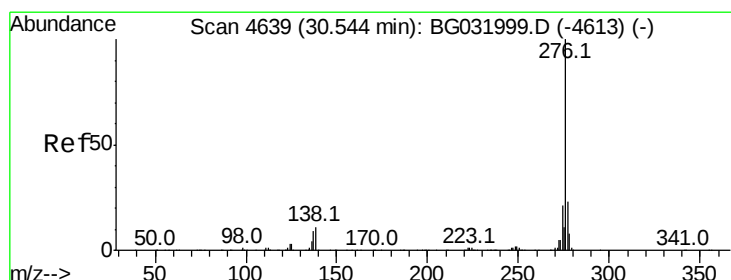
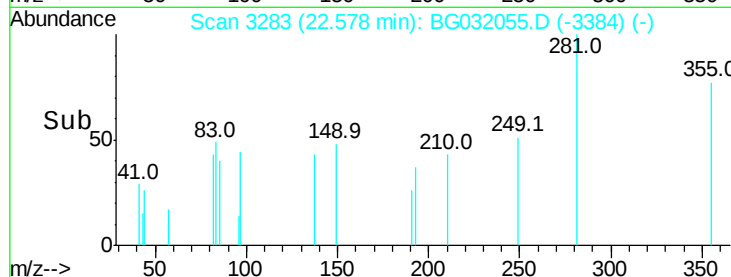
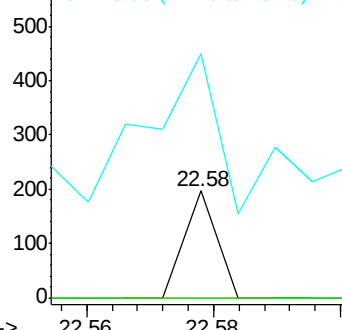
#84
Di-n-octyl phthalate
Concen: 4.583 ng
RT: 22.58 min Scan# 3283
Delta R.T. -1.12 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 69
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 413.0 8.9 13.3#

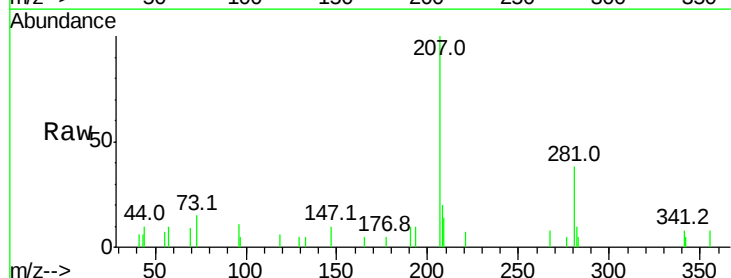


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

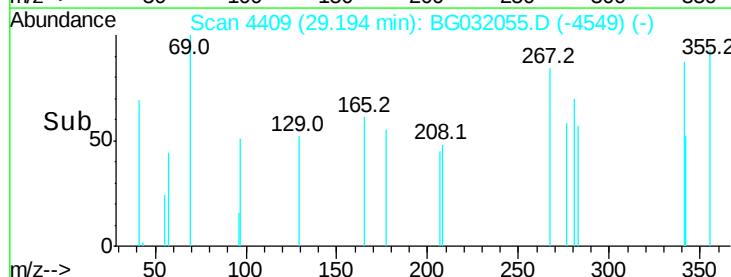
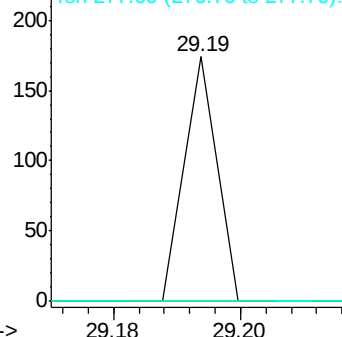


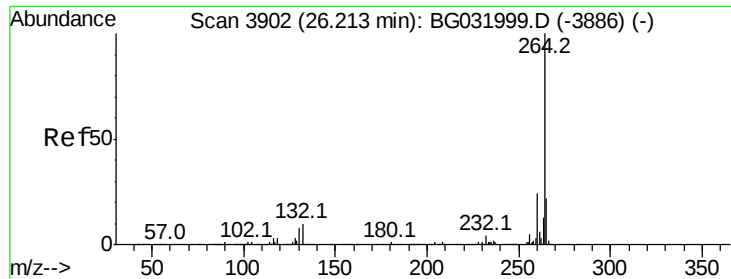
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.908 ng
RT: 29.19 min Scan# 4409
Delta R.T. -1.35 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

Tgt Ion:276 Resp: 61
Ion Ratio Lower Upper
276 100
138 0.0 16.0 24.0#
277 0.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

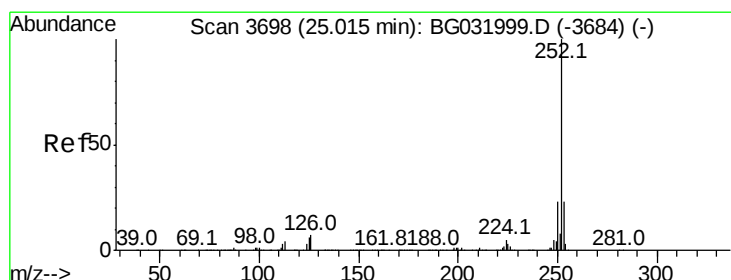
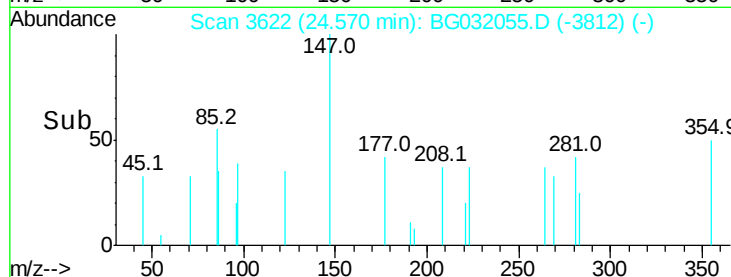
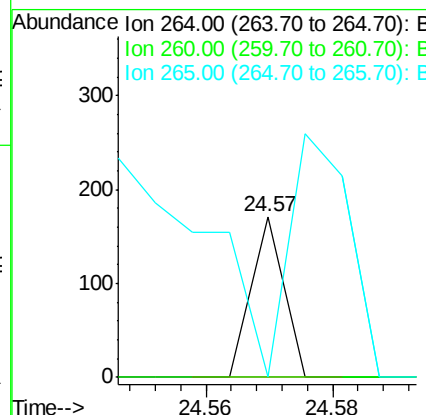
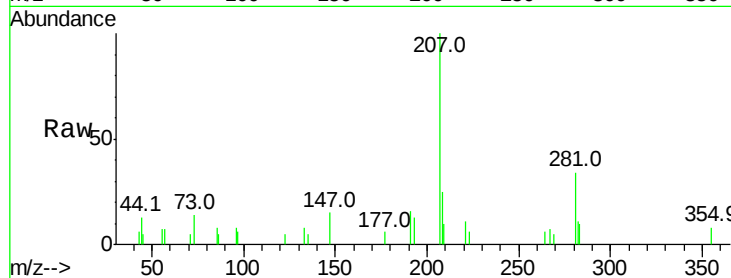




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3622
Delta R.T. -1.64 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

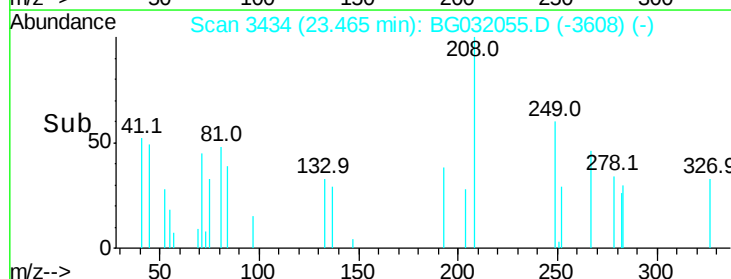
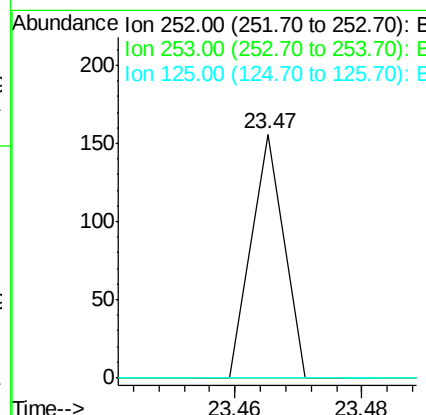
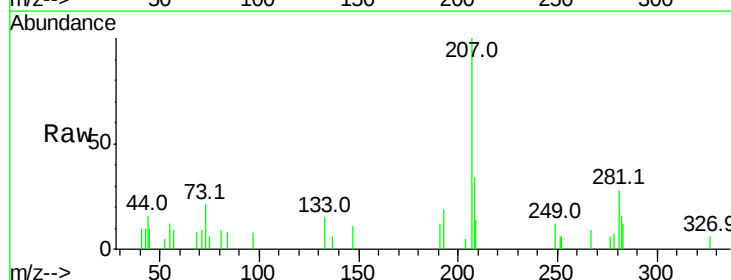
Instrument :
BNA_G
ClientSampled :

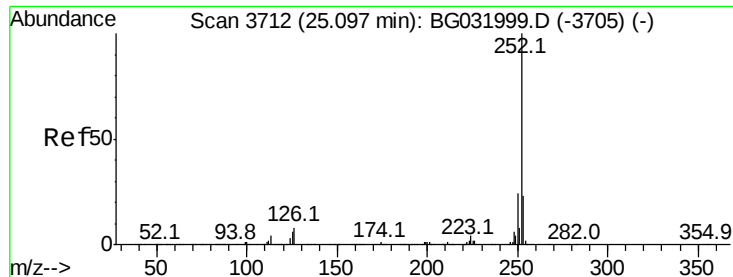
Tot Ion:264 Resp: 60
Ion Ratio Lower Upper
264 100
260 0.0 17.4 26.0#
265 0.0 17.7 26.5#



#87
Benzo(b)fluoranthene
Concen: 15.165 ng
RT: 23.47 min Scan# 3434
Delta R.T. -1.55 min
Lab File: BG032055.D
Acq: 16 Jan 2018 6:05

Tgt Ion:252 Resp: 55
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 7.2 10.8#





#88

Benzo(k)fluoranthene

Concen: 15.520 ng

RT: 23.53 min Scan# 3445

Delta R.T. -1.57 min

Lab File: BG032055.D

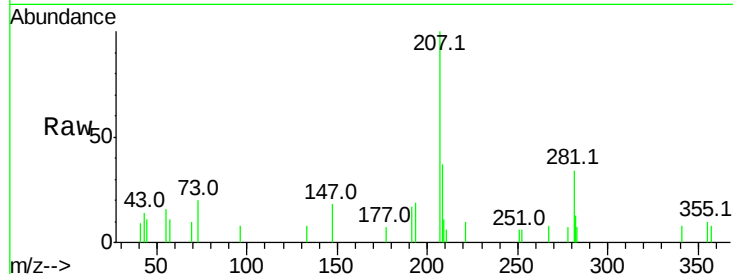
Acq: 16 Jan 2018 6:05

Instrument :

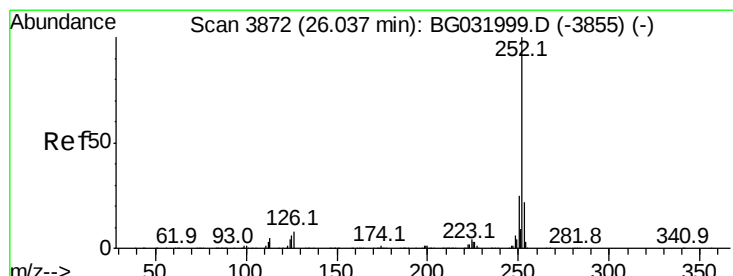
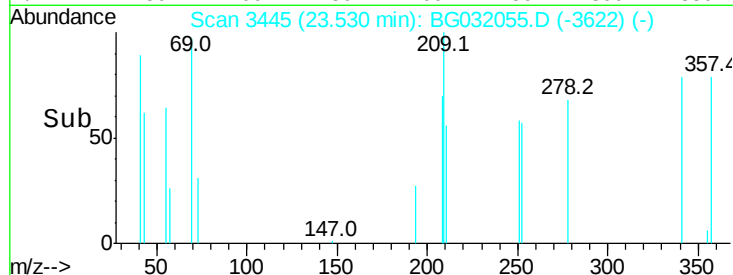
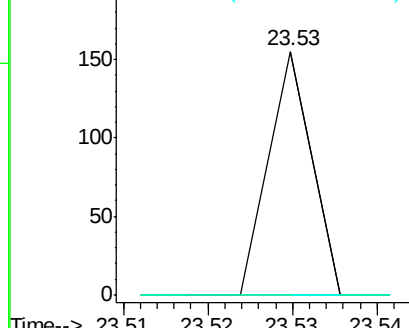
BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	55
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 17.489 ng

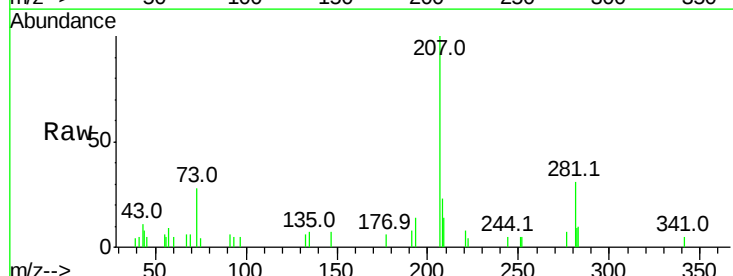
RT: 24.41 min Scan# 3595

Delta R.T. -1.63 min

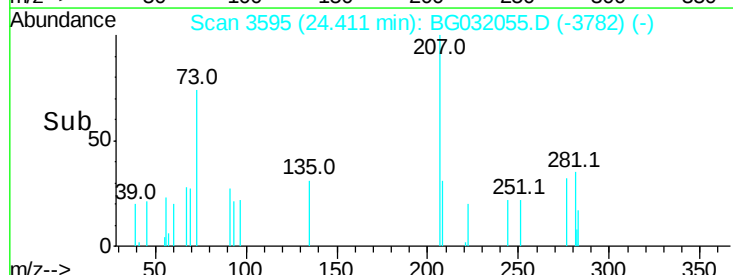
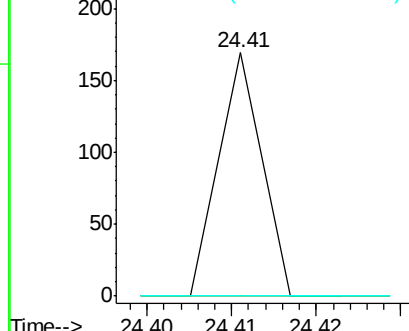
Lab File: BG032055.D

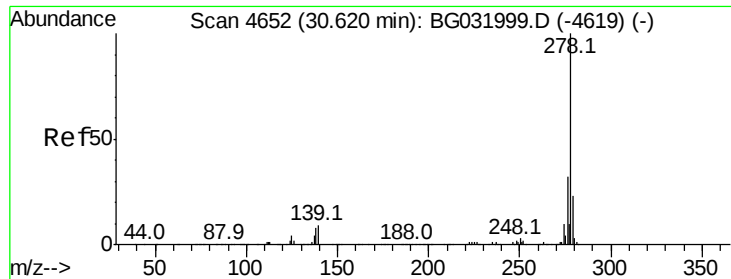
Acq: 16 Jan 2018 6:05

Tgt Ion:	252	Resp:	60
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 16.637 ng

RT: 28.72 min Scan# 4329

Delta R.T. -1.90 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_G

ClientSampleId :

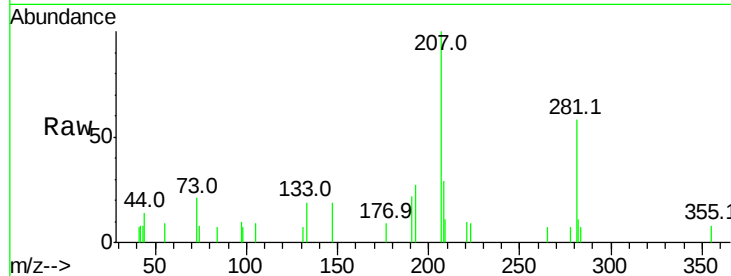
Tot Ion:278 Resp: 55

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#

278 100

139 0.0 9.8 14.6#

279 0.0 18.4 27.6#

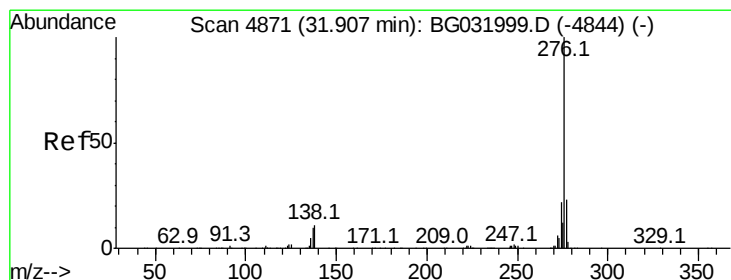
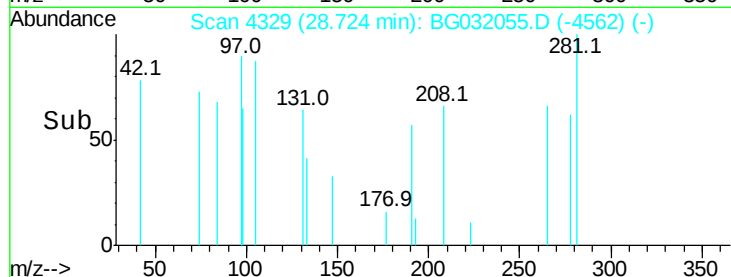
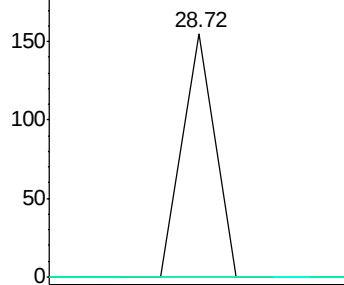


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 70.435 ng

RT: 29.96 min Scan# 4539

Delta R.T. -1.95 min

Lab File: BG032055.D

Acq: 16 Jan 2018 6:05

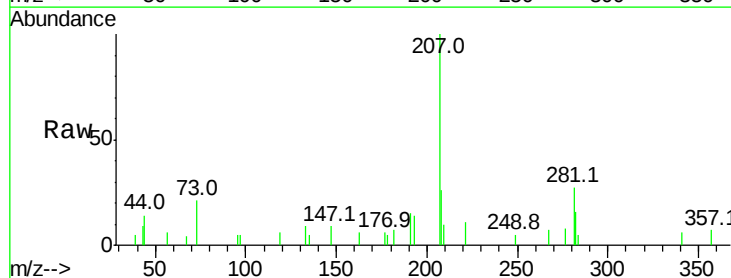
Tgt Ion:276 Resp: 238

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

