

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031462.D
 Acq On : 11 Dec 2017 19:14
 Operator : SJ/JU
 Sample : PB104880BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 03:46:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43951	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	185498	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	123803	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	369981	20.00	ng	0.00
75) Chrysene-d12	21.74	240	481393	20.00	ng	0.00
86) Perylene-d12	25.03	264	447119	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	223790	90.25	ng	0.00
7) Phenol-d6	7.27	99	292769	85.05	ng	0.00
23) Nitrobenzene-d5	9.27	82	247815	82.34	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	129810	89.50	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	736042	87.27	ng	0.00
78) Terphenyl-d14	20.06	244	1655600	78.25	ng	0.00

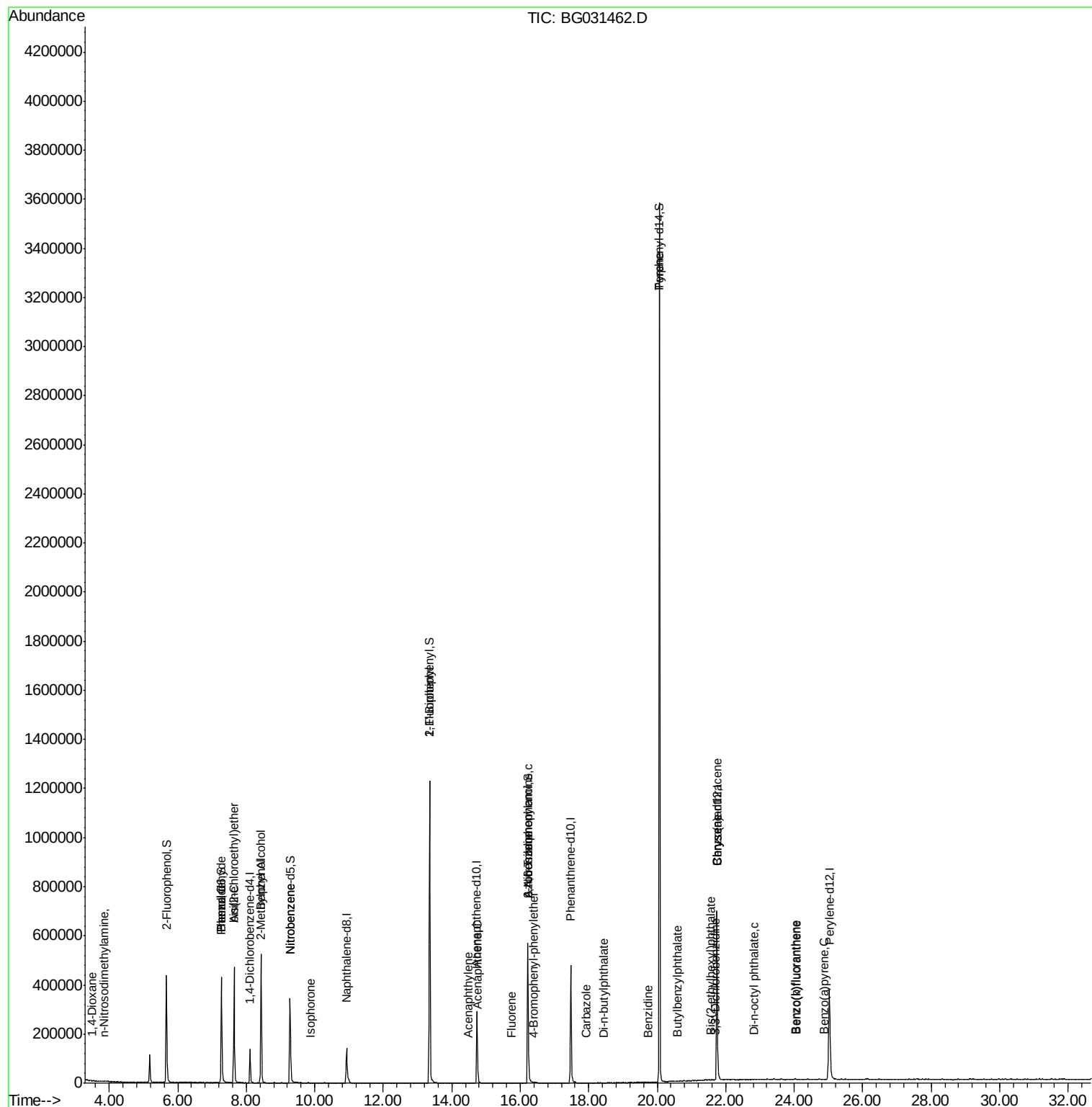
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	222	0.188	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	69	0.047	ng	# 1
6) Aniline	7.64	93	170	0.038	ng	# 1
9) Benzaldehyde	7.27	77	294	0.147	ng	# 5
10) Phenol	7.28	94	67	0.019	ng	# 1
11) bis(2-Chloroethyl)ether	7.64	93	170	0.059	ng	# 1
15) Benzyl Alcohol	8.43	79	3791	1.408	ng	# 34
17) 2-Methylphenol	8.42	107	75	0.031	ng	# 1
24) Nitrobenzene	9.28	77	629	0.204	ng	# 42
25) Isophorone	9.87	82	76	0.013	ng	# 69
45) 1,1'-Biphenyl	13.35	154	1339	0.132	ng	# 1
48) Acenaphthylene	14.49	152	57	0.005	ng	# 59
51) Acenaphthene	14.76	154	54	0.007	ng	# 5
57) Fluorene	15.74	166	65	0.007	ng	# 7
62) Azobenzene	16.22	77	544	0.064	ng	# 22
65) n-Nitrosodiphenylamine	16.22	169	4988	0.461	ng	# 45
66) 4-Bromophenyl-phenylether	16.39	248	76	0.018	ng	# 38
72) Carbazole	17.92	167	65	0.004	ng	# 59
73) Di-n-butylphthalate	18.43	149	243	0.012	ng	# 78
76) Benzidine	19.74	184	812	0.072	ng	# 66
77) Pyrene	20.07	202	6423	0.215	ng	# 75
79) Butylbenzylphthalate	20.58	149	53	0.005	ng	# 20
80) Benzo(a)anthracene	21.74	228	1516	0.052	ng	# 47
81) 3,3'-Dichlorobenzidine	21.69	252	74	0.007	ng	# 26
82) Chrysene	21.74	228	1516	0.054	ng	# 44
83) Bis(2-ethylhexyl)phthalate	21.58	149	464	0.031	ng	# 50
84) Di-n-octyl phthalate	22.82	149	166	0.007	ng	# 1
87) Benzo(b)fluoranthene	24.03	252	171	0.006	ng	# 1
88) Benzo(k)fluoranthene	24.06	252	265	0.010	ng	# 60
89) Benzo(a)pyrene	24.88	252	78	0.003	ng	# 59

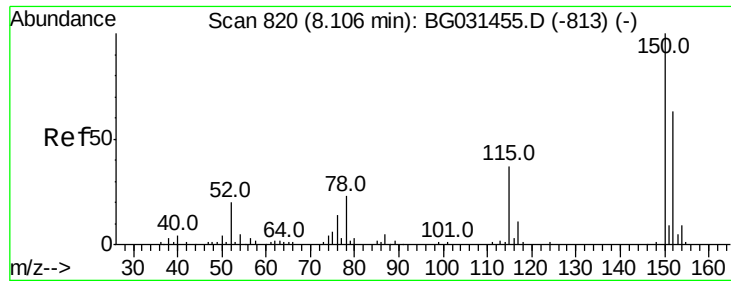
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031462.D
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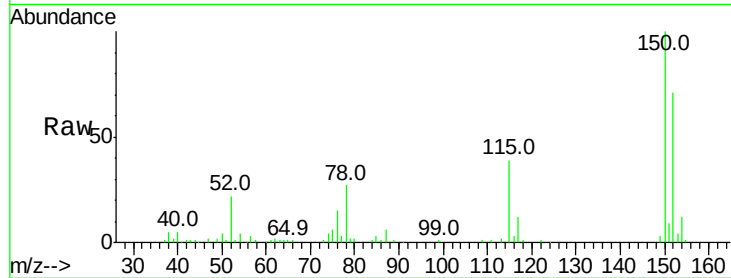


#1

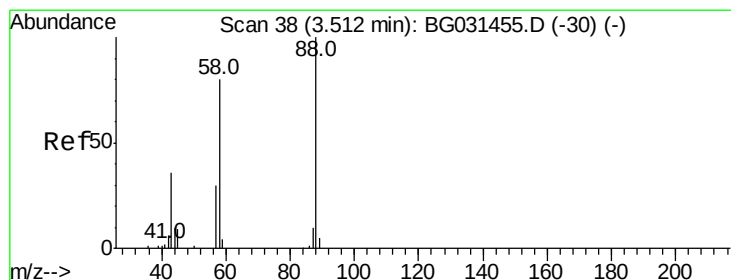
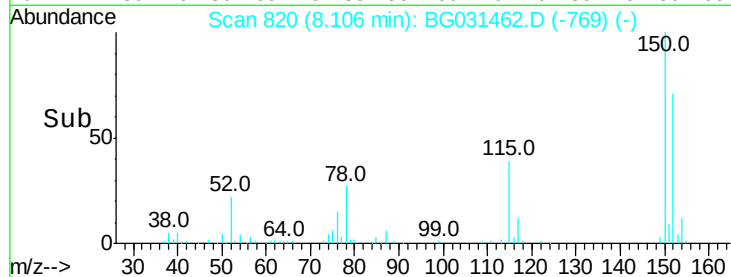
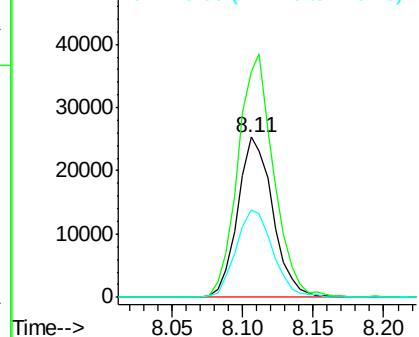
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43951
Ion Ratio Lower Upper
152 100
150 141.0 126.6 189.8
115 54.4 53.0 79.4



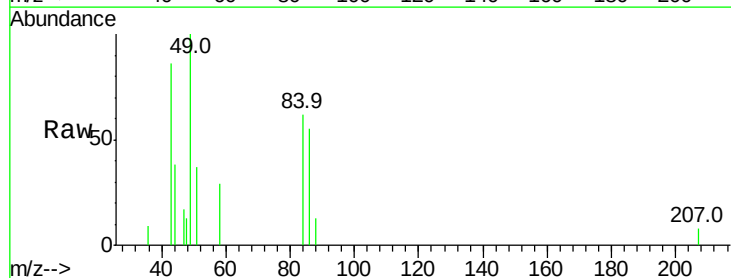
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



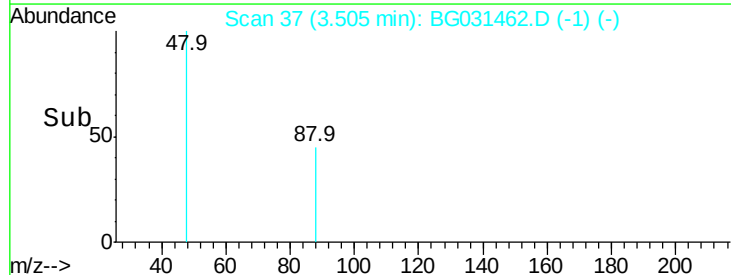
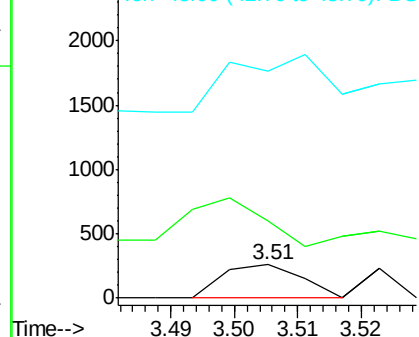
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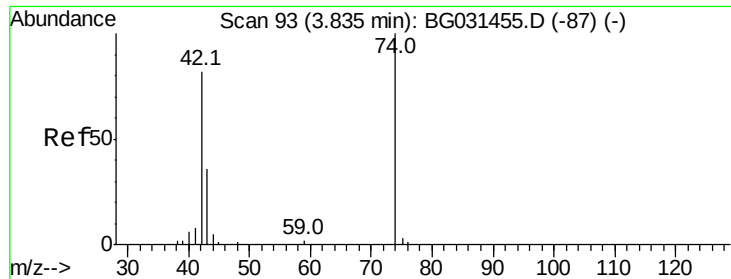
1,4-Dioxane
Concen: 0.188 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.01 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

Tgt Ion: 88 Resp: 222
Ion Ratio Lower Upper
88 100
58 175.7 79.6 119.4#
43 280.6 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC



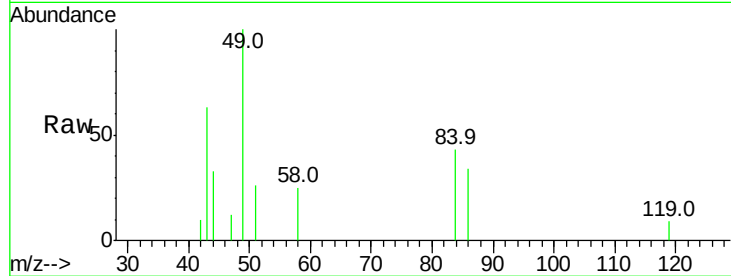


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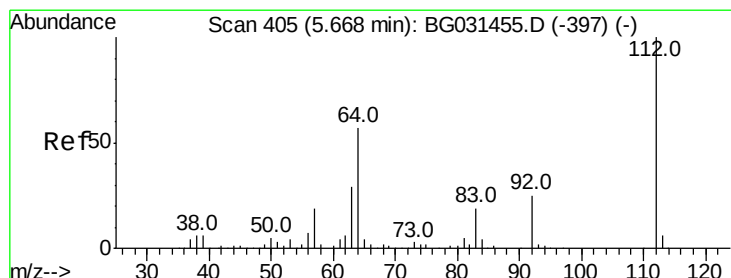
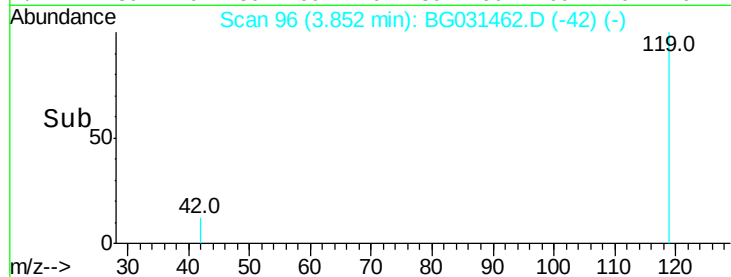
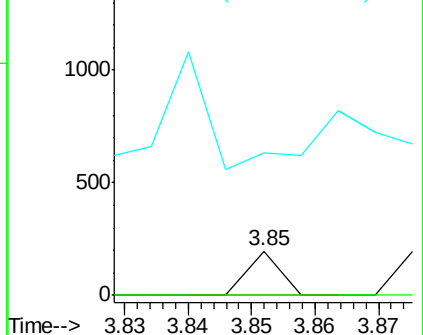
n-Nitrosodimethylamine
 Concen: 0.047 ng
 RT: 3.85 min Scan# 96
 Delta R.T. 0.02 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 42 Resp: 69
 Ion Ratio Lower Upper
 42 100
 74 0.0 102.5 153.7#
 44 321.9 18.9 28.3#



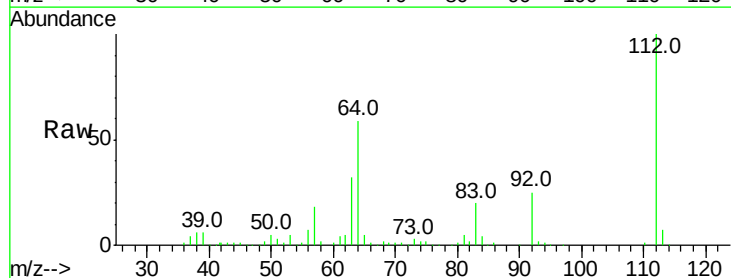
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



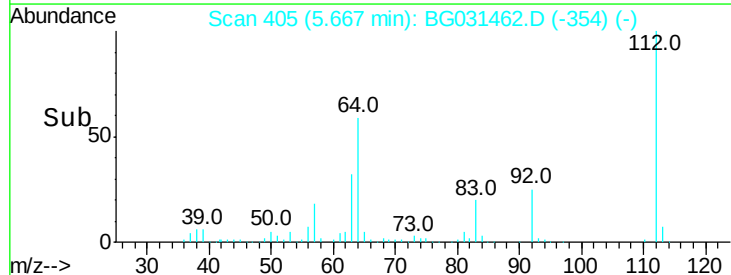
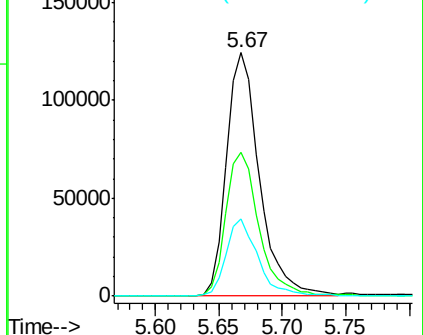
#5

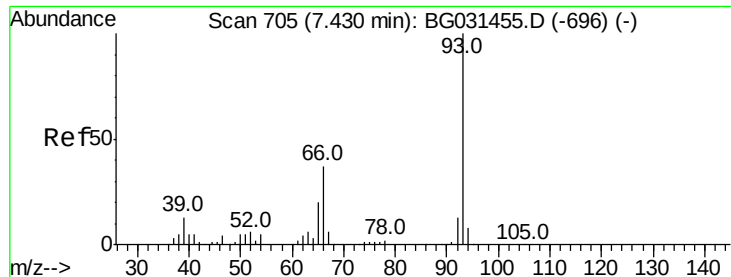
2-Fluorophenol
 Concen: 90.253 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Tgt Ion: 112 Resp: 223790
 Ion Ratio Lower Upper
 112 100
 64 59.1 56.3 84.5
 63 31.8 30.1 45.1



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





#6

Aniline

Concen: 0.038 ng

RT: 7.64 min Scan# 741

Delta R.T. 0.21 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampled :

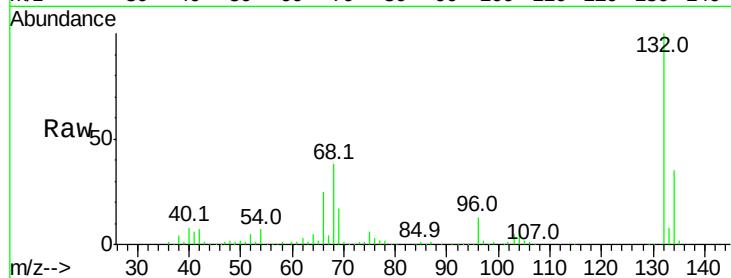
Tot Ion: 93 Resp: 170

Ion Ratio Lower Upper

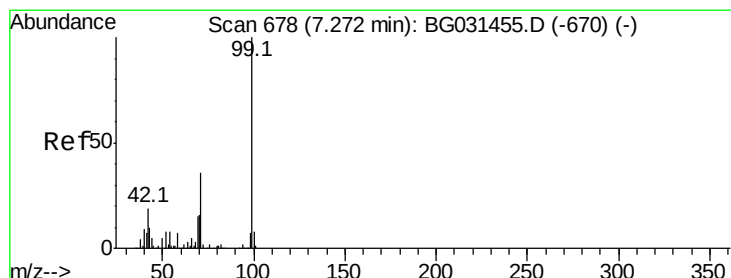
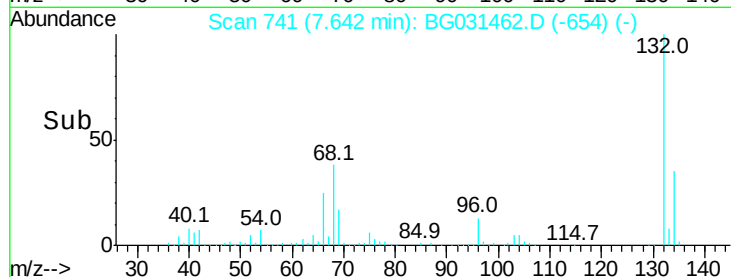
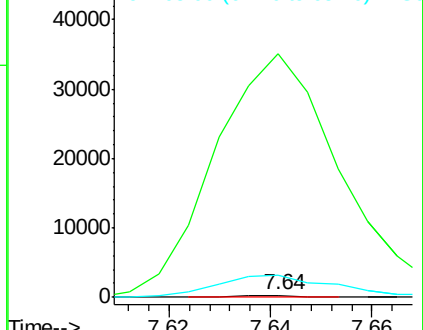
93 100

66 11066.2 33.7 50.5#

65 992.1 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 85.052 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

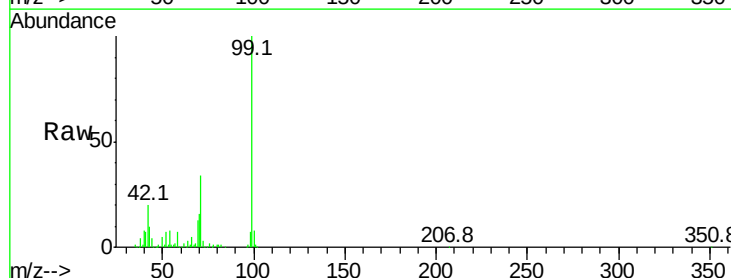
Tgt Ion: 99 Resp: 292769

Ion Ratio Lower Upper

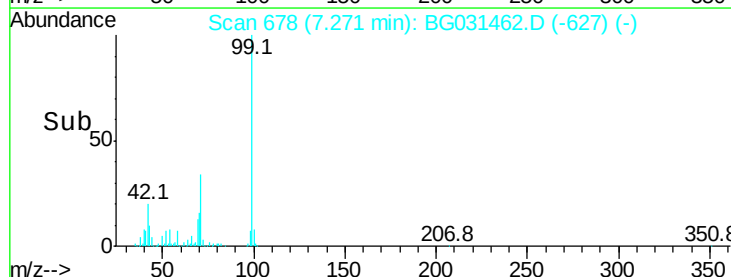
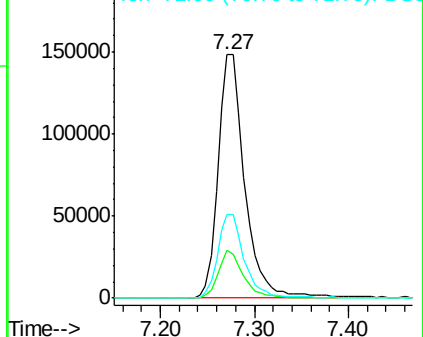
99 100

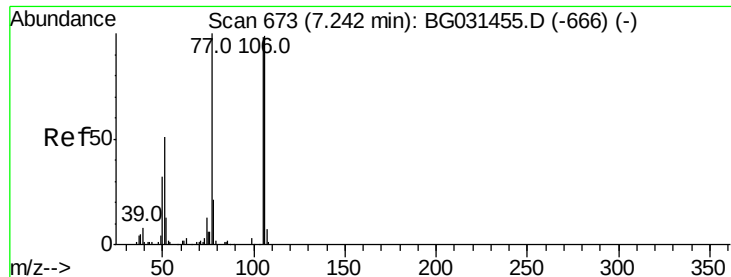
42 19.6 14.1 21.1

71 34.4 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





#9

Benzaldehyde

Concen: 0.147 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.03 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampled :

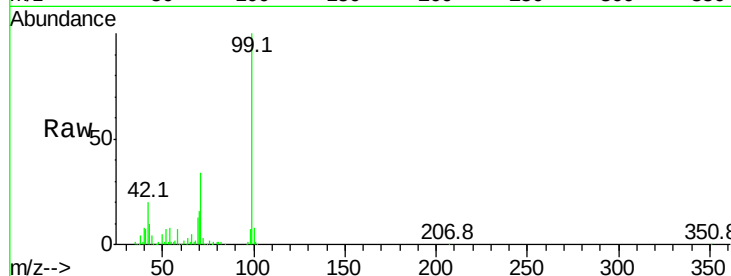
Tot Ion: 77 Resp: 294

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

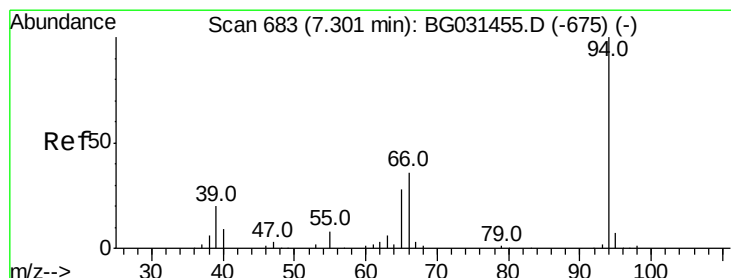
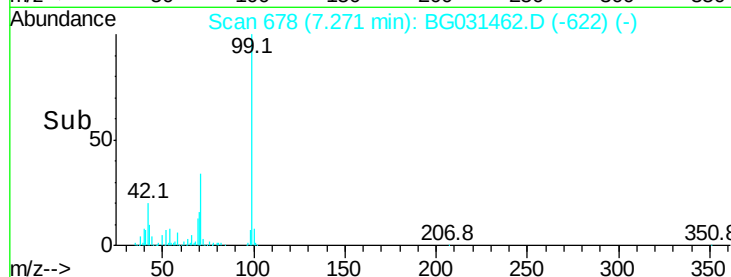
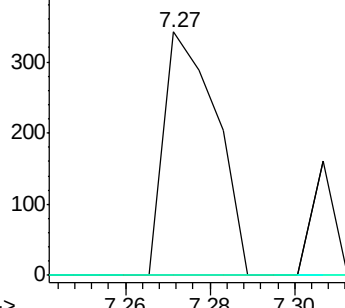
106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.019 ng

RT: 7.28 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

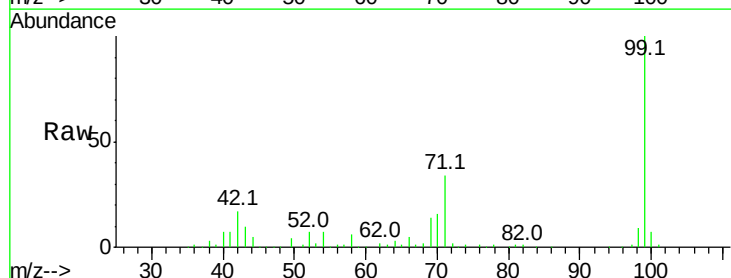
Tgt Ion: 94 Resp: 67

Ion Ratio Lower Upper

94 100

65 498.4 11.9 51.9#

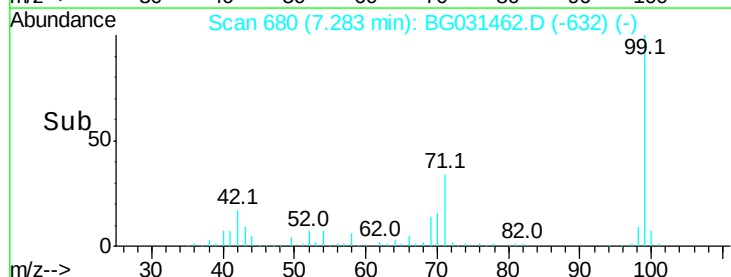
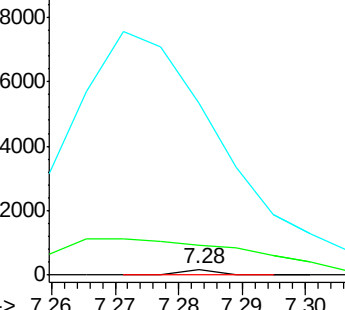
66 2817.5 22.2 62.2#

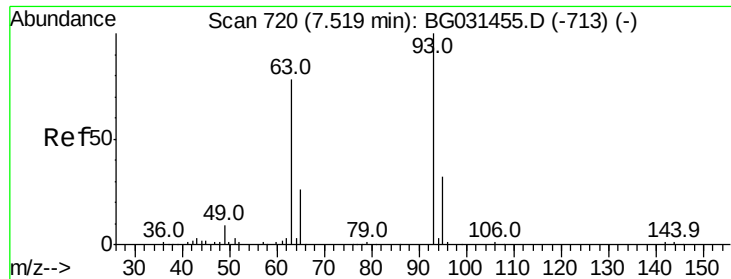


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 0.059 ng

RT: 7.64 min Scan# 741

Delta R.T. 0.12 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampled :

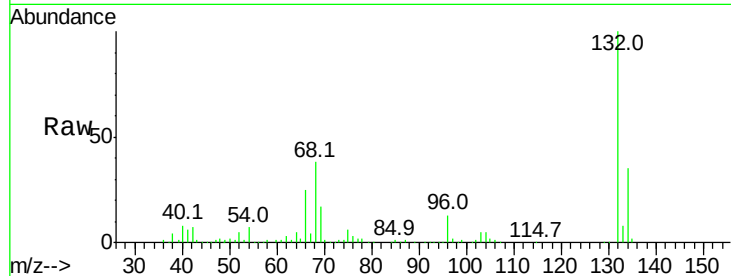
Tot Ion: 93 Resp: 170

Ion Ratio Lower Upper

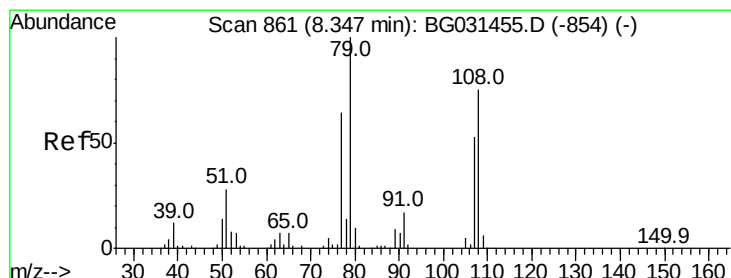
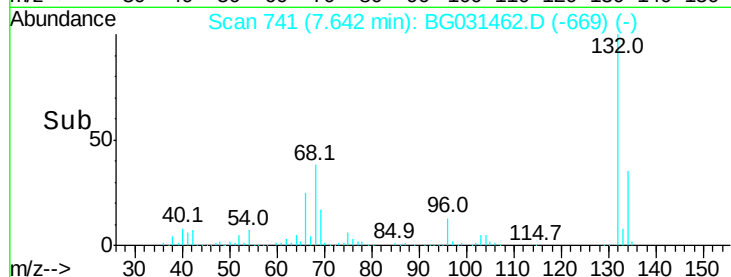
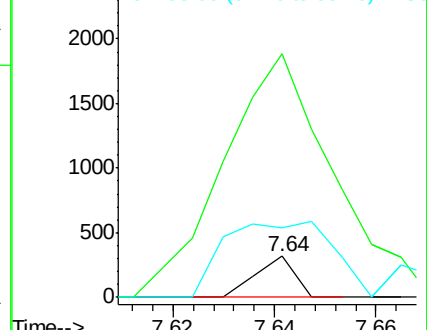
93 100

63 594.3 67.1 107.1#

95 168.8 11.5 51.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#15

Benzyl Alcohol

Concen: 1.408 ng

RT: 8.43 min Scan# 876

Delta R.T. 0.09 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

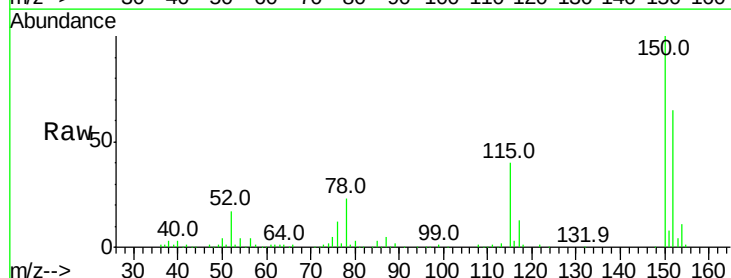
Tgt Ion: 79 Resp: 3791

Ion Ratio Lower Upper

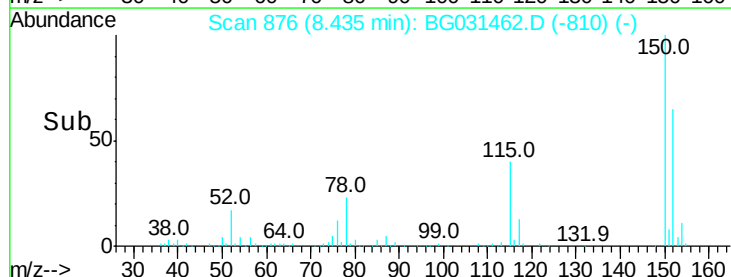
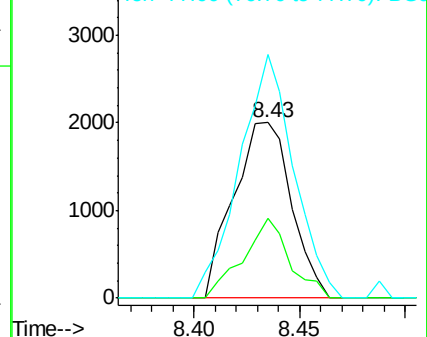
79 100

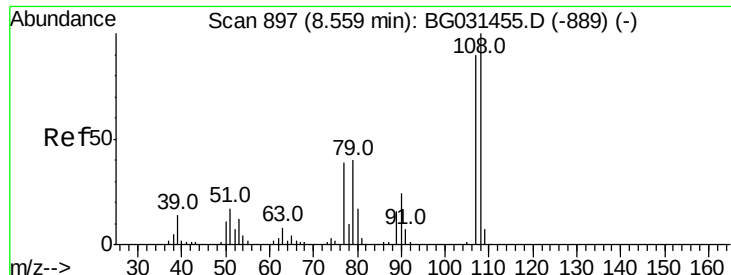
108 45.7 57.2 85.8#

77 138.9 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

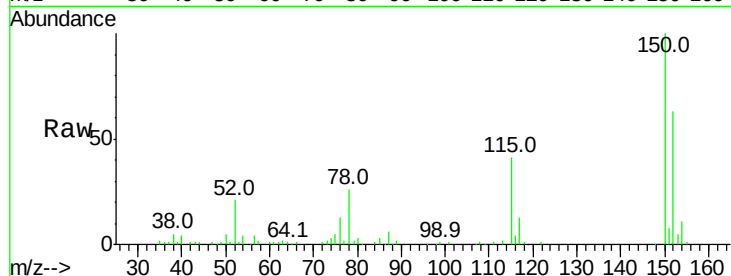




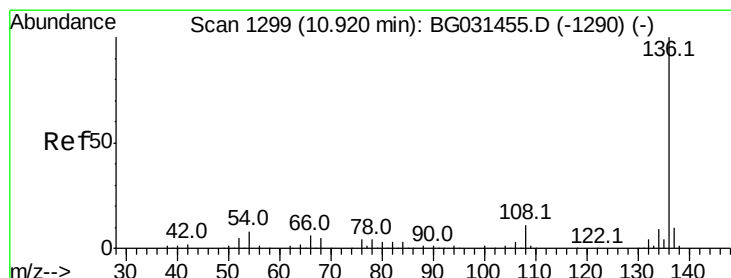
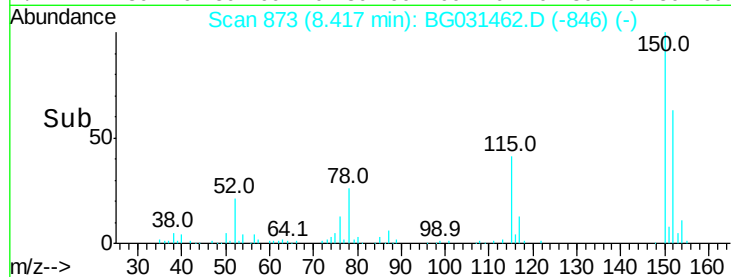
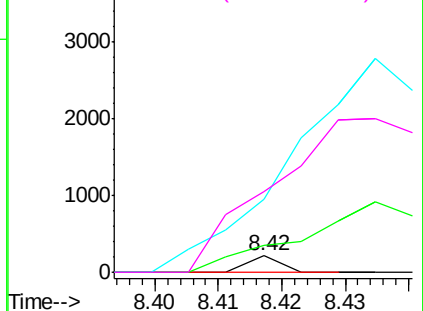
#17
2-Methylphenol
Concen: 0.031 ng
RT: 8.42 min Scan# 873
Delta R.T. -0.14 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 75
Ion Ratio Lower Upper
107 100
108 164.2 83.9 125.9#
77 447.6 37.2 55.8#
79 495.3 36.2 54.2#



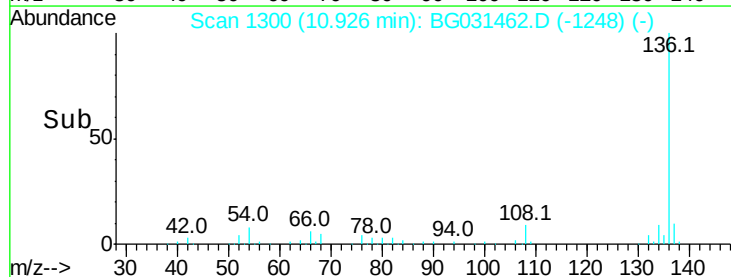
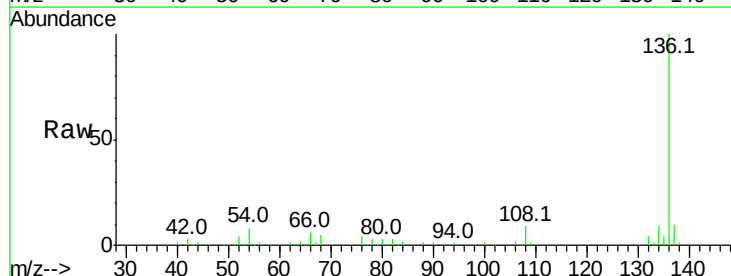
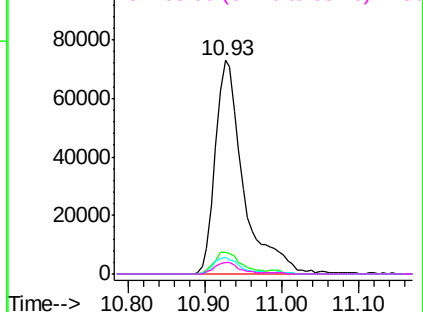
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

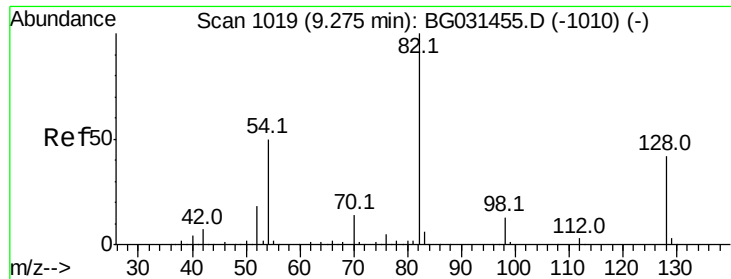


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

Tgt Ion:136 Resp: 185498
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 8.1 10.3 15.5#
68 5.2 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

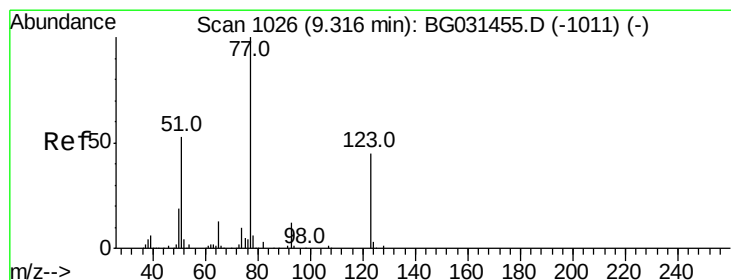
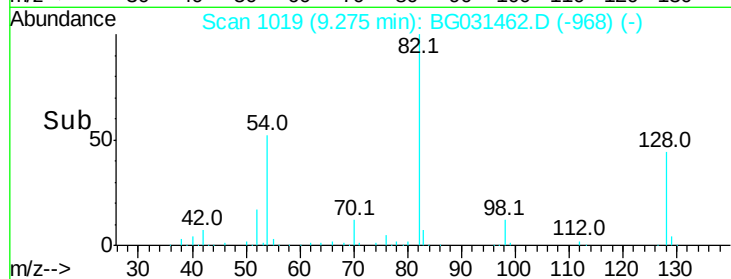
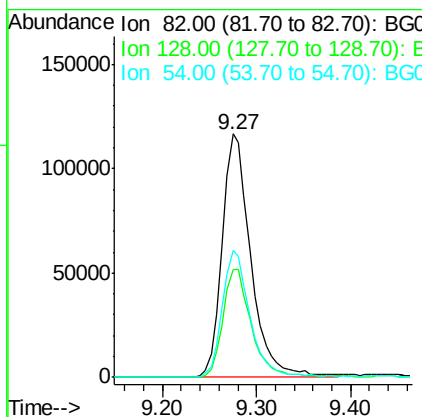
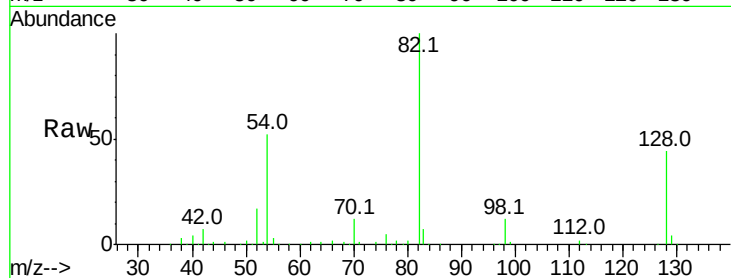




#23
 Nitrobenzene-d5
 Concen: 82.343 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

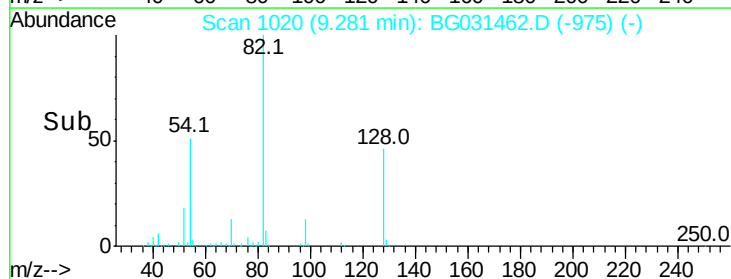
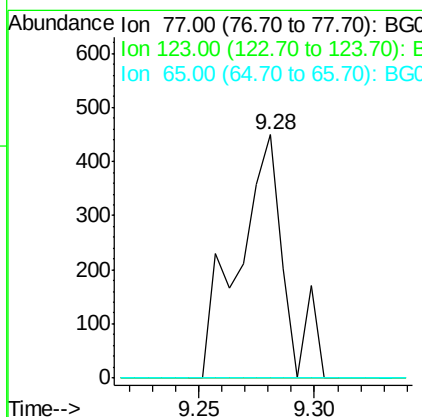
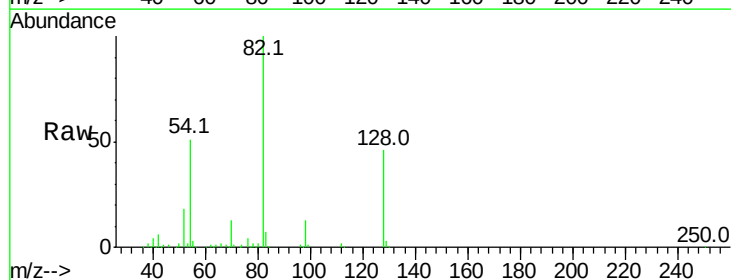
Instrument :
 BNA_G
 ClientSampleId :

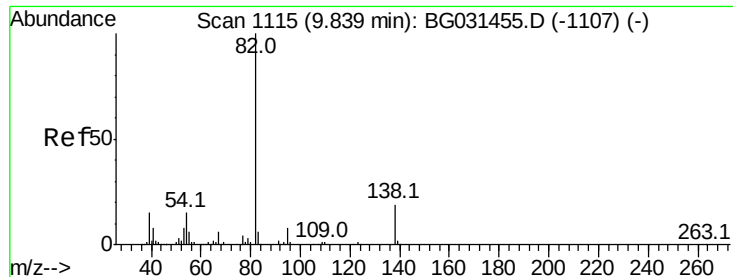
Tot Ion	82	Resp	247815
Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	52.3	43.1	64.7



#24
 Nitrobenzene
 Concen: 0.204 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Tgt Ion	77	Resp	629
Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#





#25

Isophorone

Concen: 0.013 ng

RT: 9.87 min Scan# 1120

Delta R.T. 0.03 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampleId :

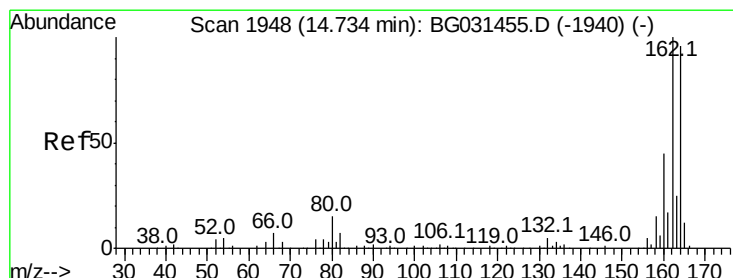
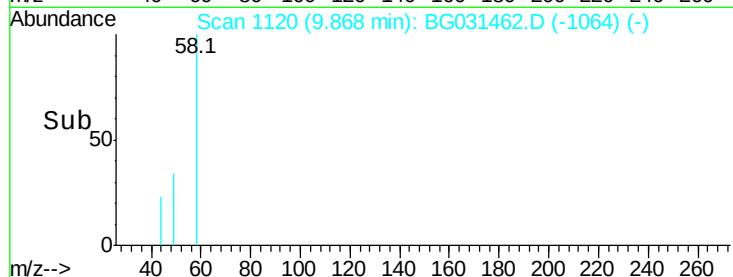
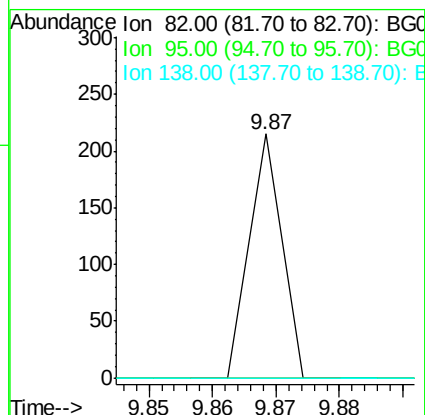
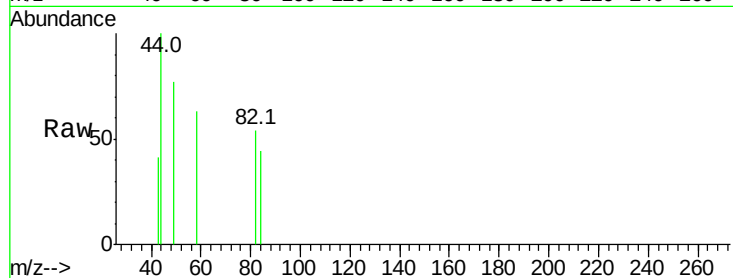
Tot Ion: 82 Resp: 76

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

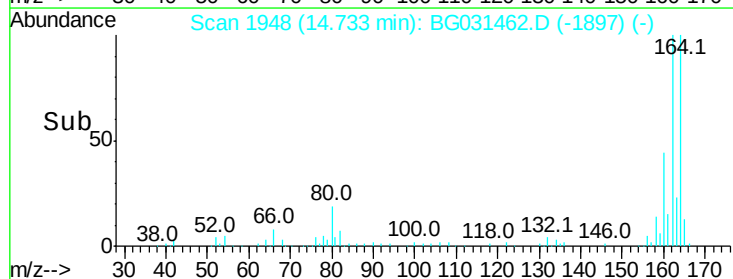
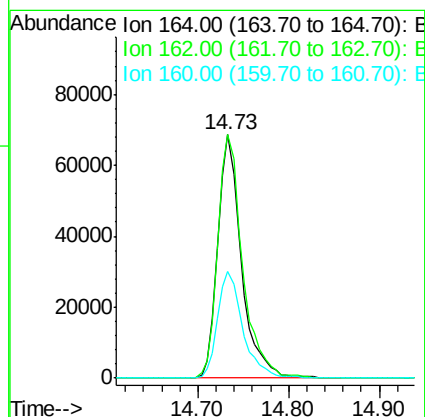
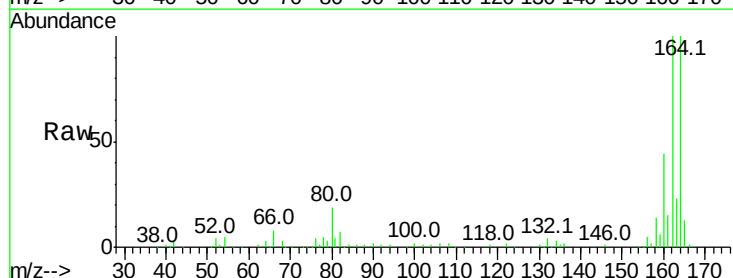
Tgt Ion:164 Resp: 123803

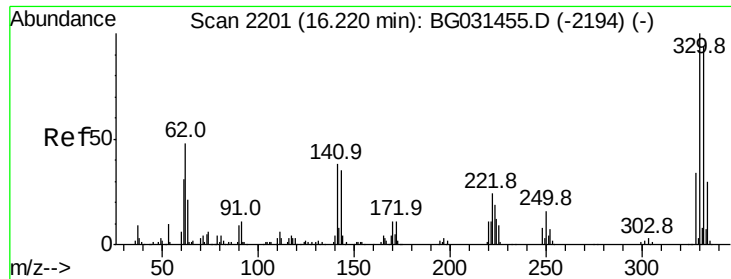
Ion Ratio Lower Upper

164 100

162 100.1 78.8 118.2

160 44.1 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 89.499 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampleId :

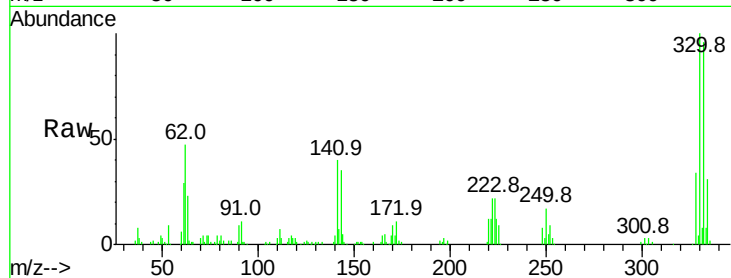
Tot Ion:330 Resp: 129810

Ion Ratio Lower Upper

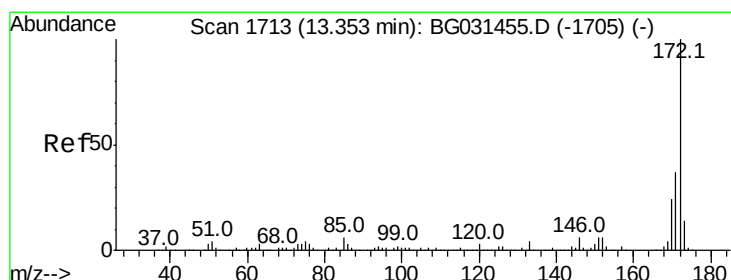
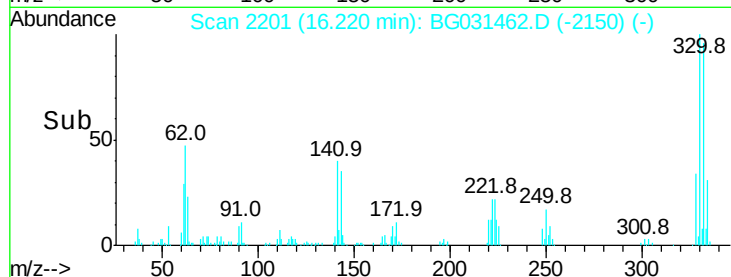
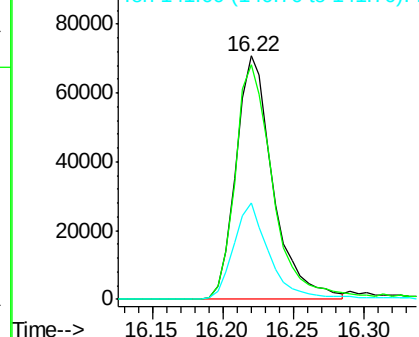
330 100

332 98.2 77.0 115.6

141 39.0 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: 87.269 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

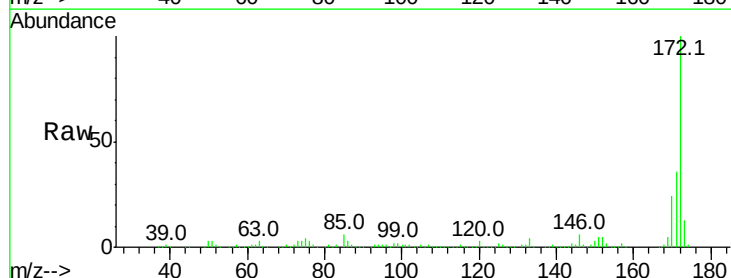
Tgt Ion:172 Resp: 736042

Ion Ratio Lower Upper

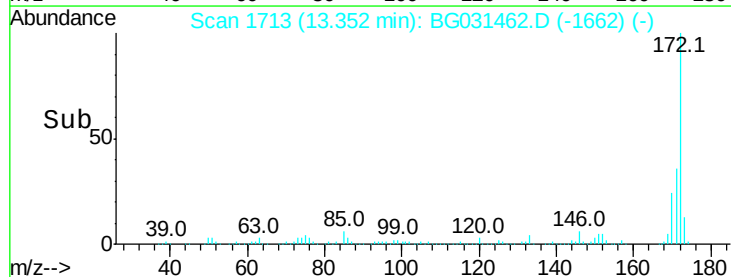
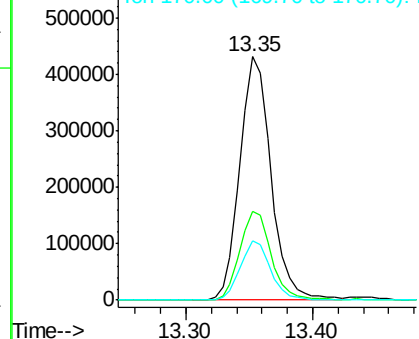
172 100

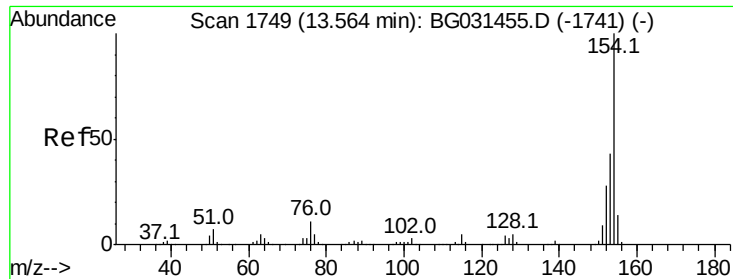
171 36.2 30.0 45.0

170 24.1 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





#45

1,1'-Biphenyl

Concen: 0.132 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.21 min

Lab File: BG031462.D

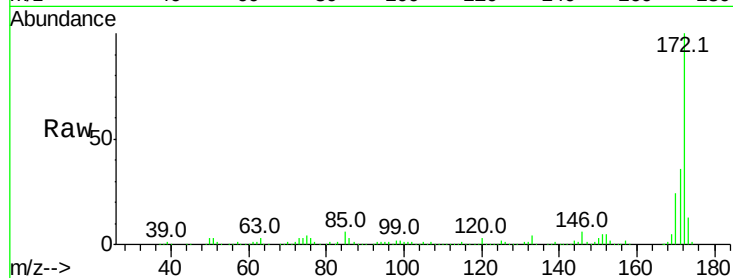
Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampleId :

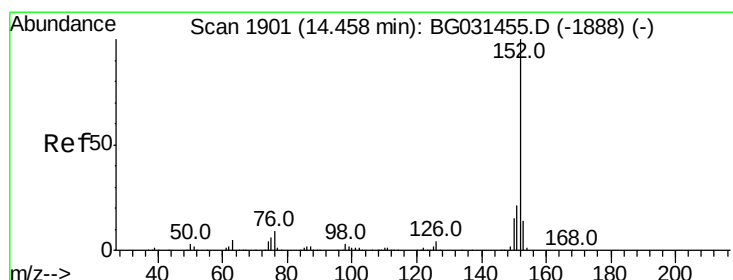
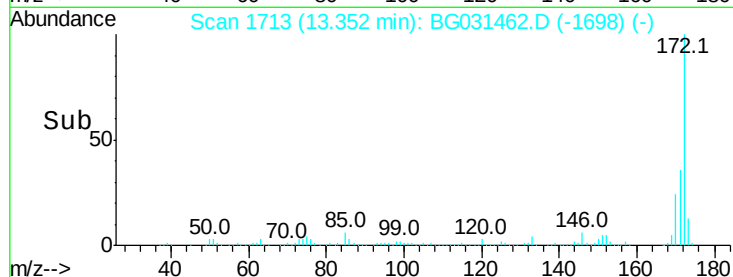
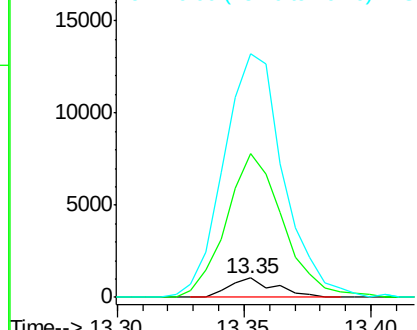
Tot Ion	Ratio	Lower	Upper
154	100		
153	751.9	19.8	59.8#
76	1272.3	0.0	31.9#



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): B



#48

Acenaphthylene

Concen: 0.005 ng

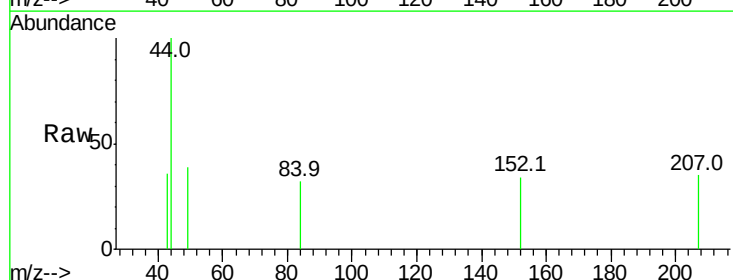
RT: 14.49 min Scan# 1906

Delta R.T. 0.03 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

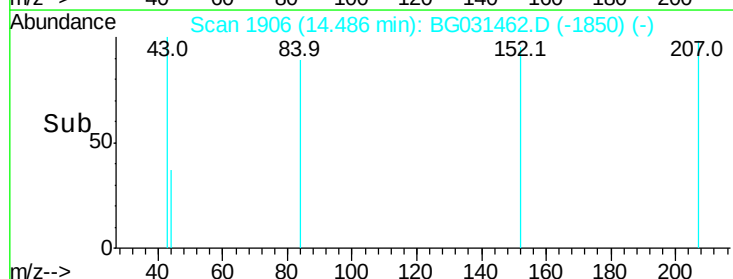
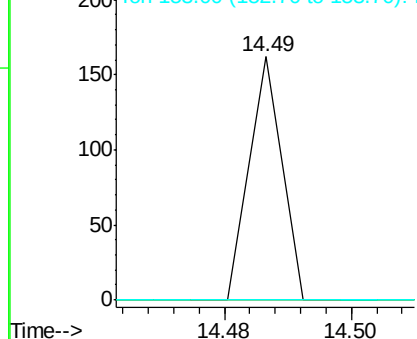
Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	10.2	15.4#

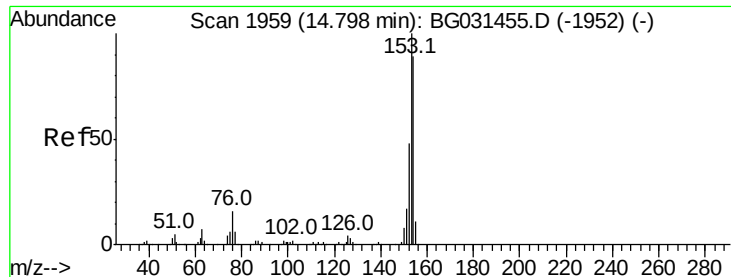


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 0.007 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampled :

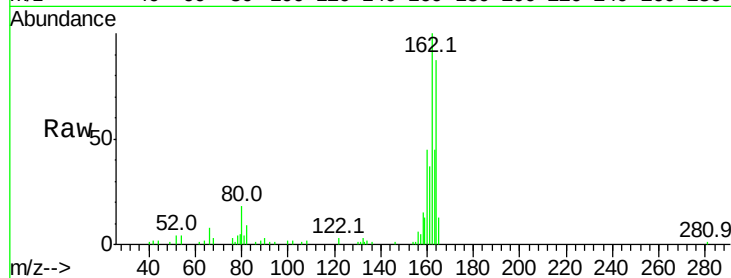
Tot Ion:154 Resp: 54

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

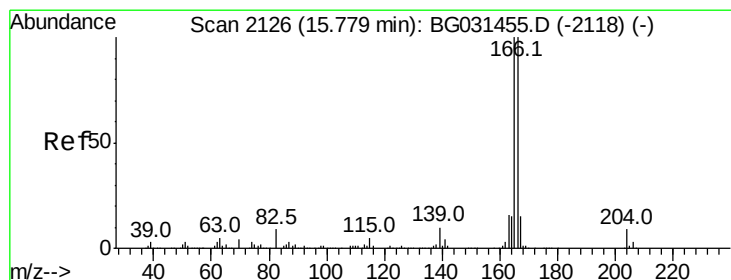
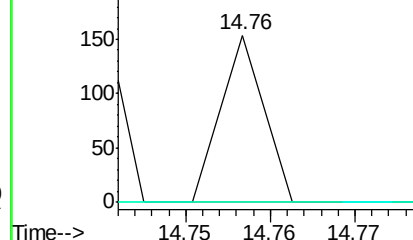
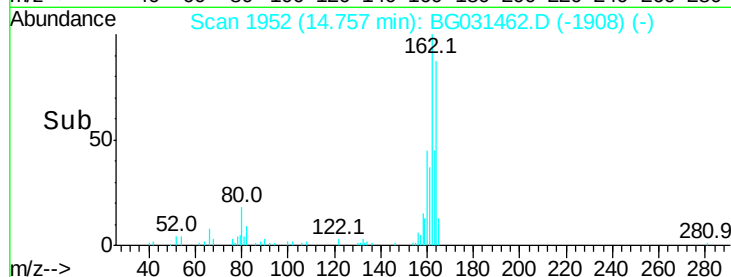
152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 0.007 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

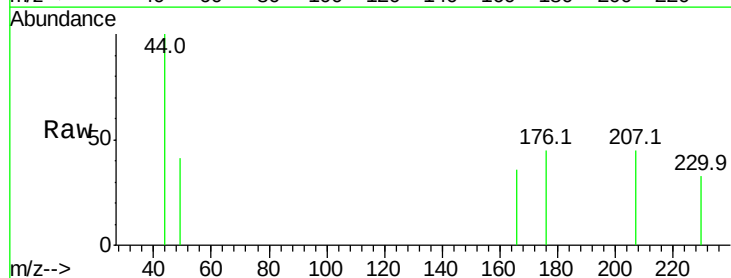
Tgt Ion:166 Resp: 65

Ion Ratio Lower Upper

166 100

165 0.0 80.6 121.0#

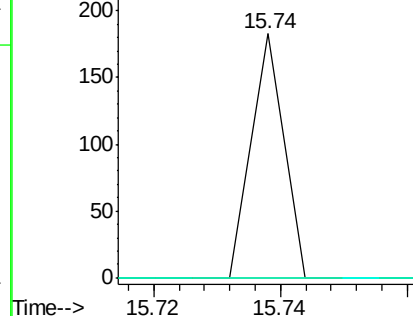
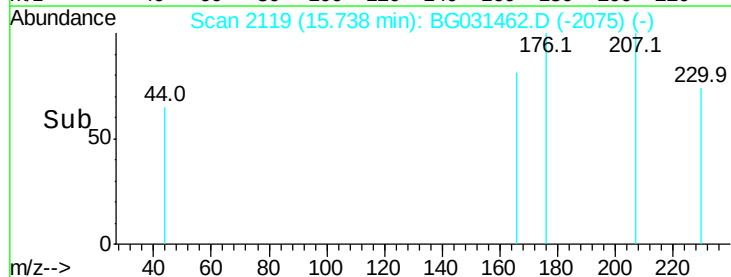
167 0.0 10.4 15.6#

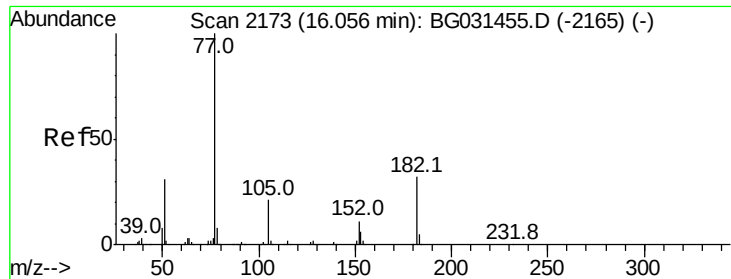


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 0.064 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.16 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 544

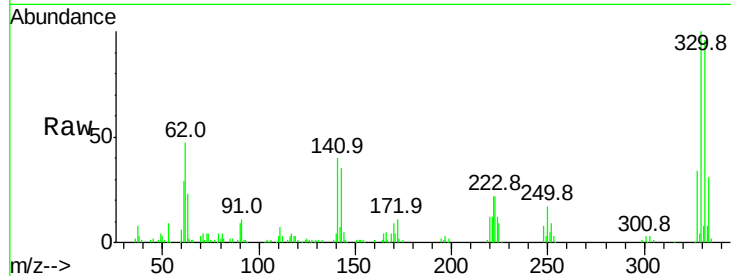
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 62.1 0.3 40.3#

51 82.3 11.6 51.6#



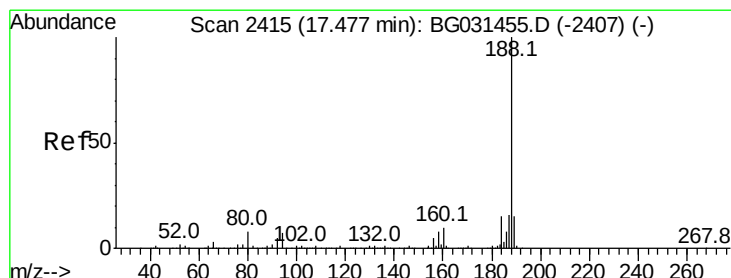
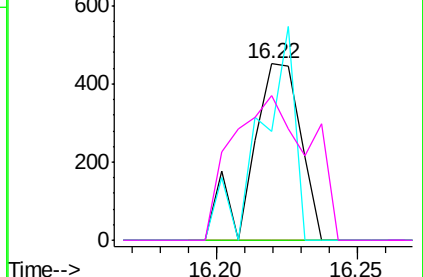
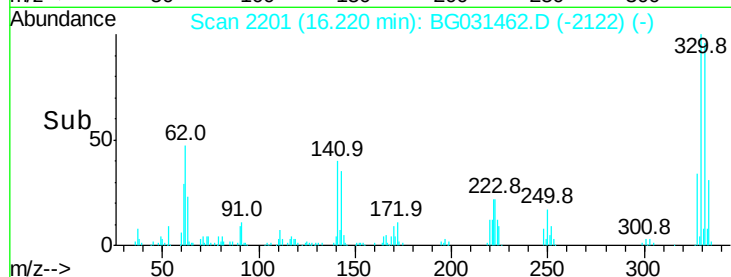
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

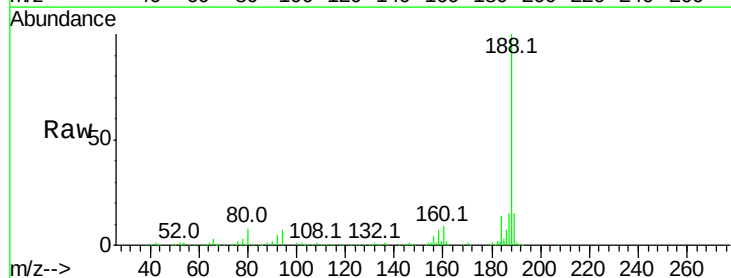
Tgt Ion: 188 Resp: 369981

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

80 8.2 7.7 11.5

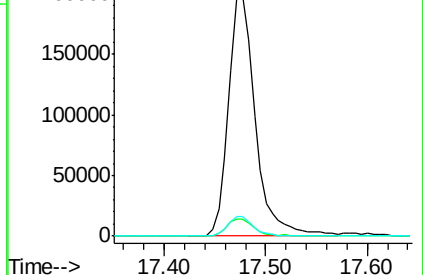
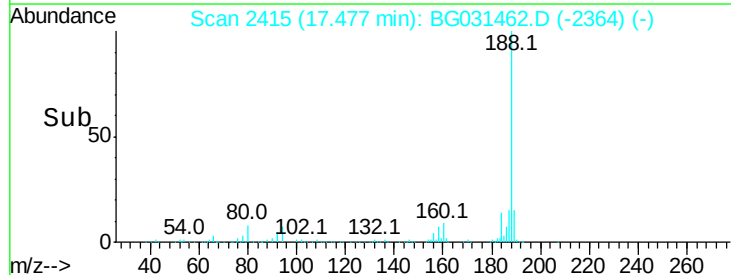


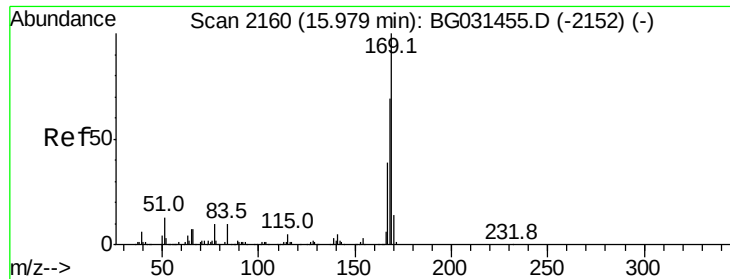
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->

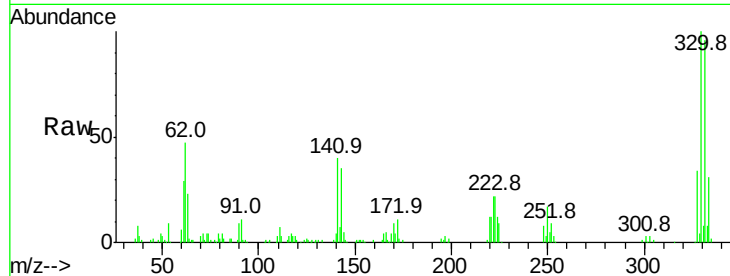




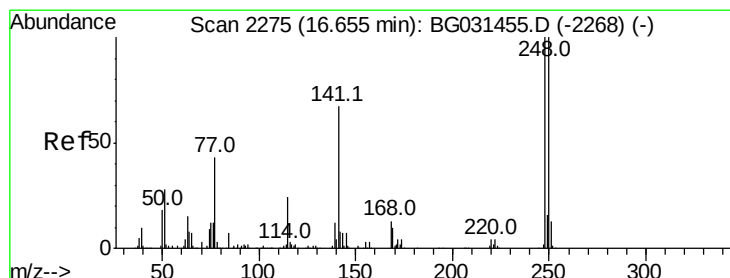
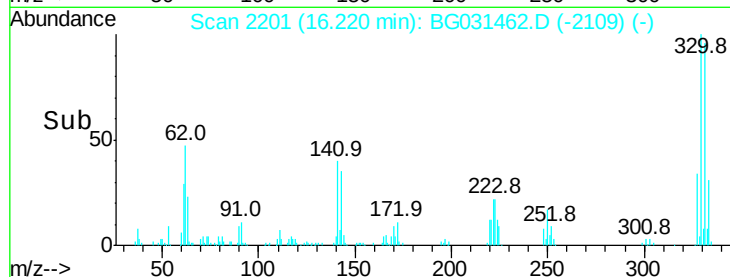
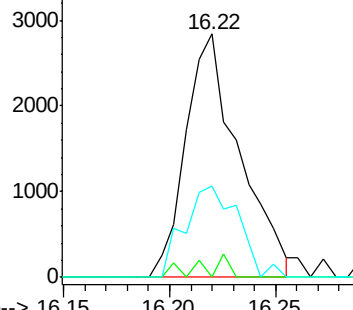
#65
 n-Nitrosodiphenylamine
 Concen: 0.461 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.24 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 4988
 Ion Ratio Lower Upper
 169 100
 168 0.0 55.7 83.5#
 167 37.5 30.1 45.1

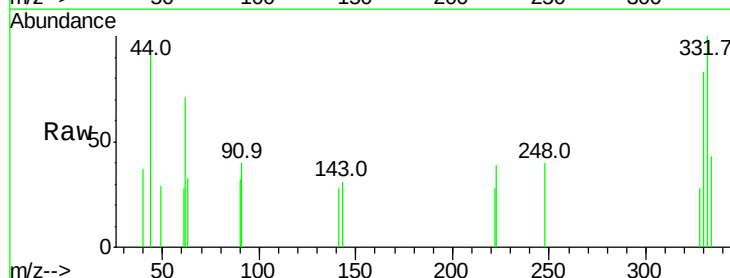


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

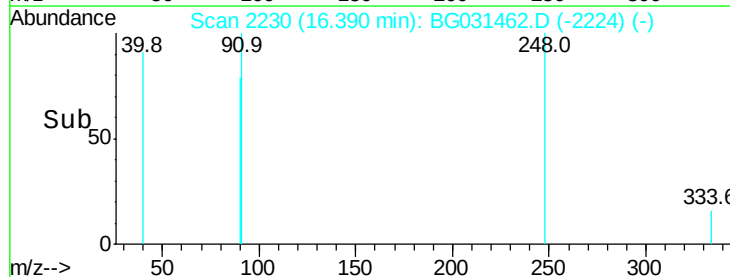
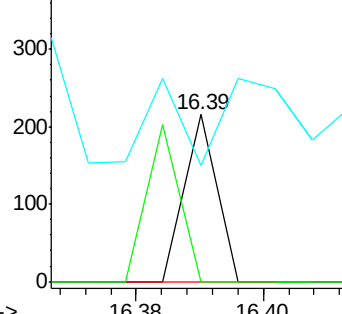


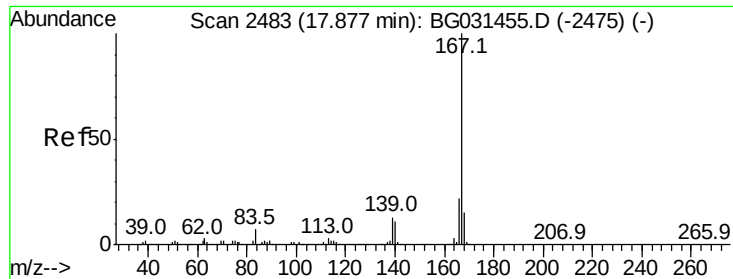
#66
 4-Bromophenyl-phenylether
 Concen: 0.018 ng
 RT: 16.39 min Scan# 2230
 Delta R.T. -0.26 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Tgt Ion:248 Resp: 76
 Ion Ratio Lower Upper
 248 100
 250 0.0 77.1 115.7#
 141 69.4 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





#72

Carbazole

Concen: 0.004 ng

RT: 17.92 min Scan# 2490

Delta R.T. 0.04 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

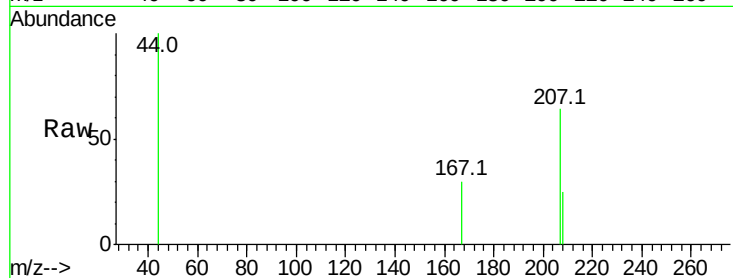
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 65

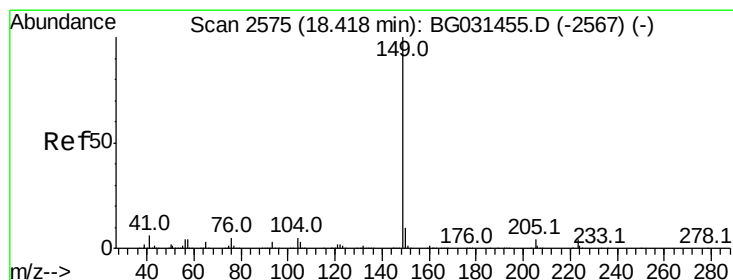
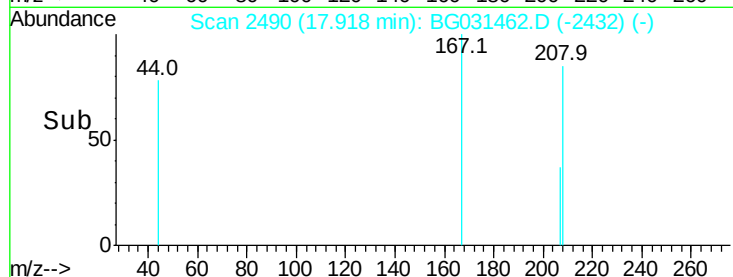
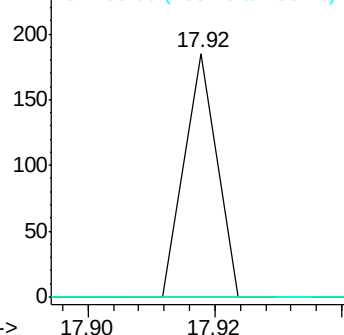
Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	0.0	9.4	14.2#



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: 0.012 ng

RT: 18.43 min Scan# 2578

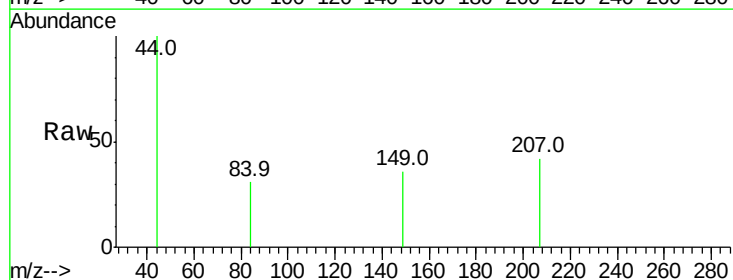
Delta R.T. 0.02 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Tgt Ion:149 Resp: 243

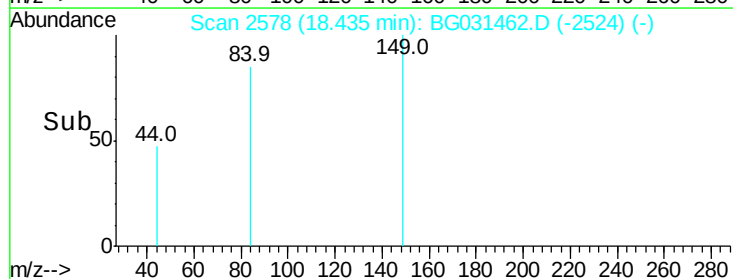
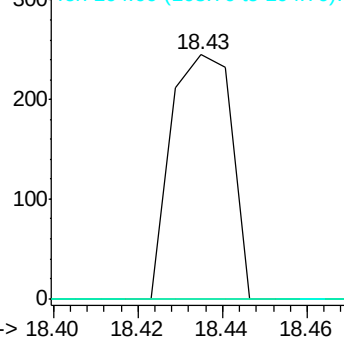
Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.9	5.9#

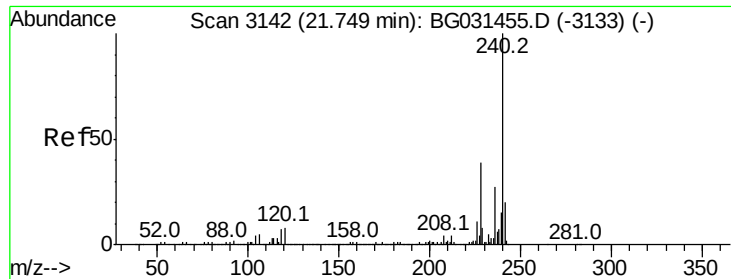


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampleId :

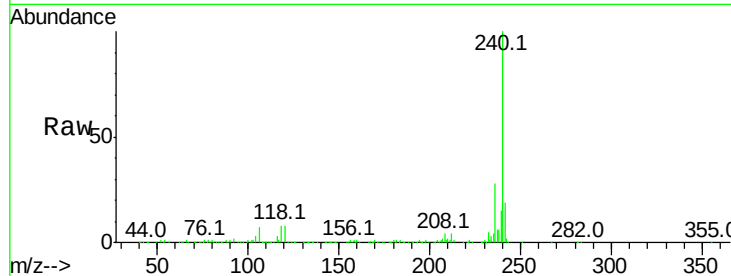
Tot Ion:240 Resp: 481393

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

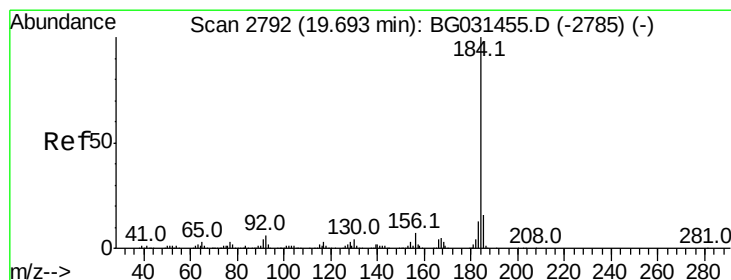
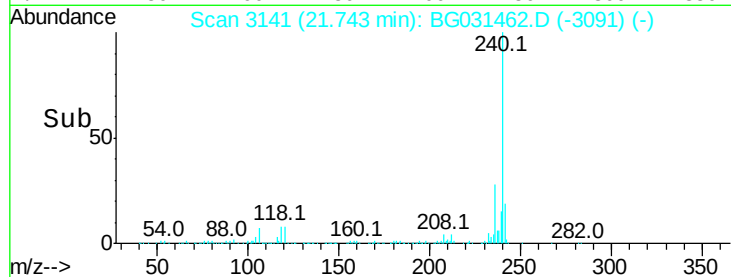
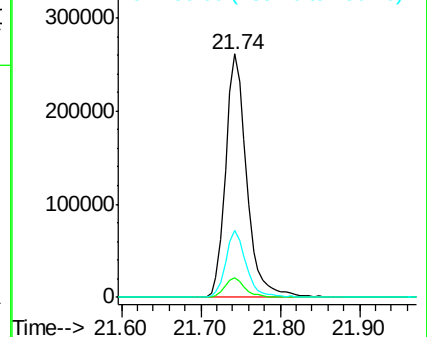
236 27.6 20.9 31.3



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



#76

Benzidine

Concen: 0.072 ng

RT: 19.74 min Scan# 2801

Delta R.T. 0.05 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

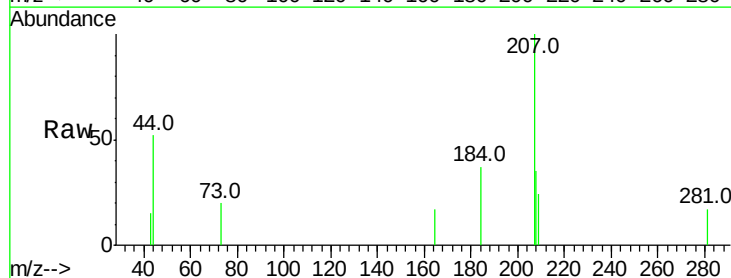
Tgt Ion:184 Resp: 812

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

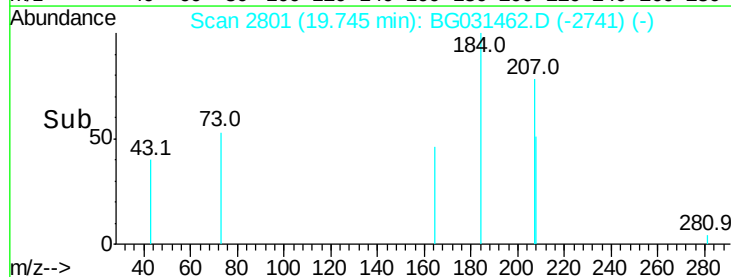
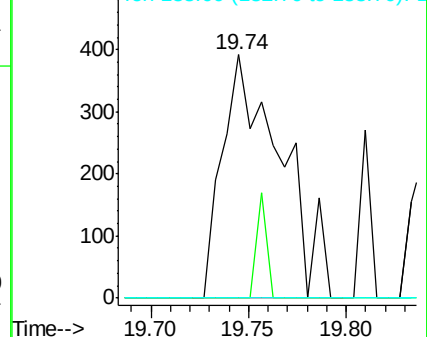
183 0.0 10.6 16.0#

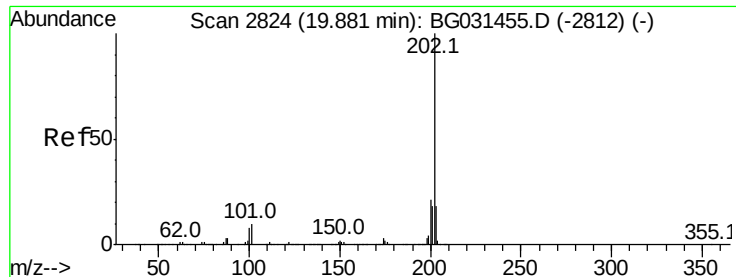


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

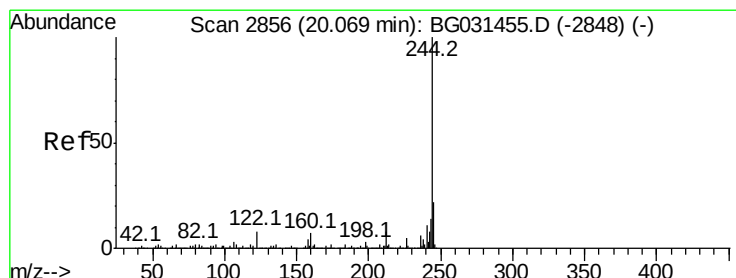
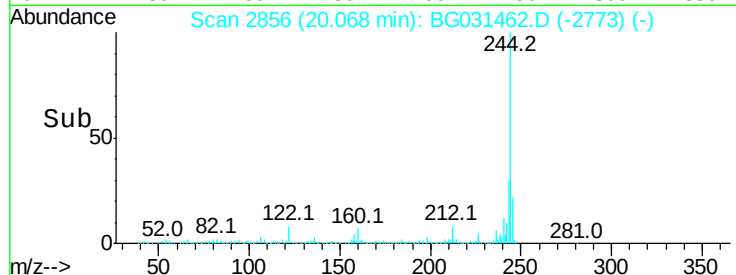
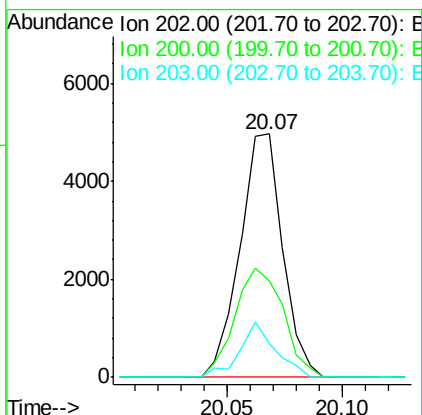
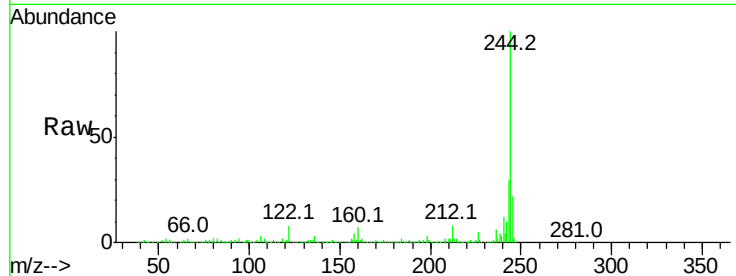




#77
 Pvrene
 Concen: 0.215 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.19 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

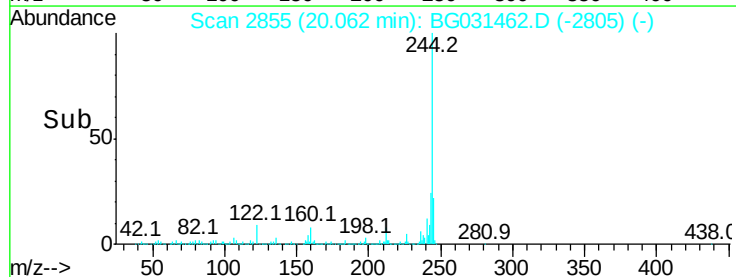
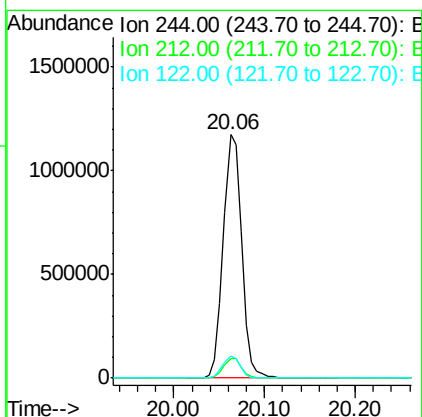
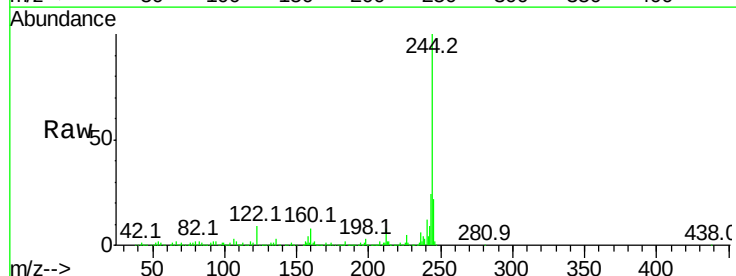
Instrument :
 BNA_G
 ClientSampleId :

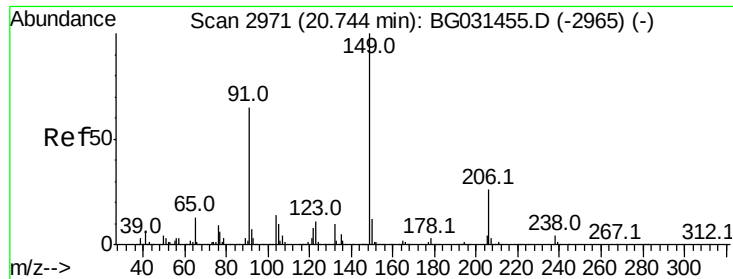
Tot Ion:202 Resp: 6423
 Ion Ratio Lower Upper
 202 100
 200 39.4 16.9 25.3#
 203 13.9 13.9 20.9#



#78
 Terphenyl-d14
 Concen: 78.247 ng
 RT: 20.06 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Tgt Ion:244 Resp: 1655600
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 8.9 7.0 10.4

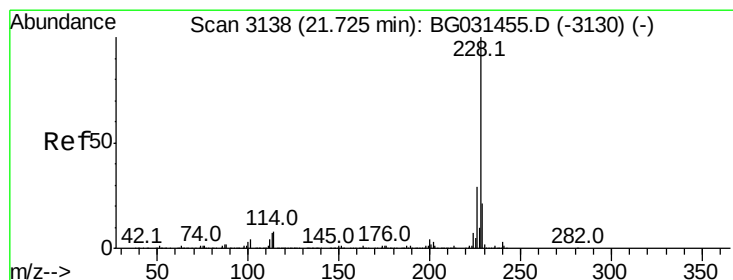
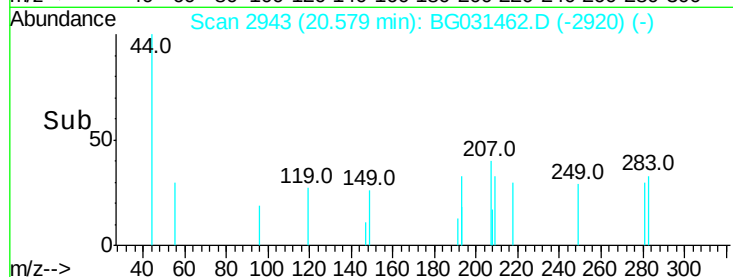
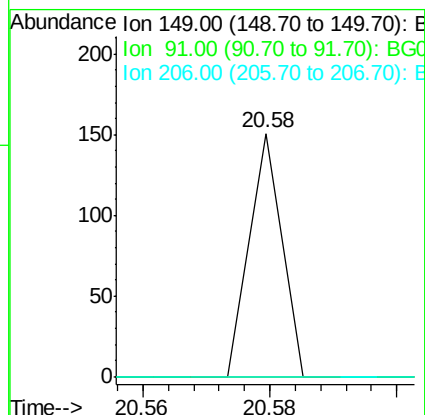
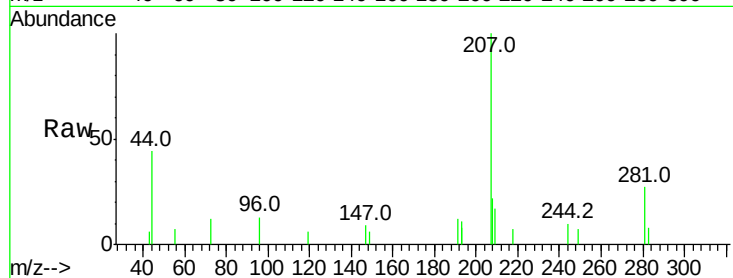




#79
Butylbenzylphthalate
Concen: 0.005 ng
RT: 20.58 min Scan# 2943
Delta R.T. -0.16 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

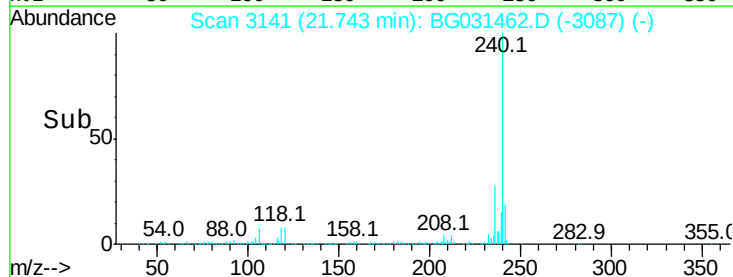
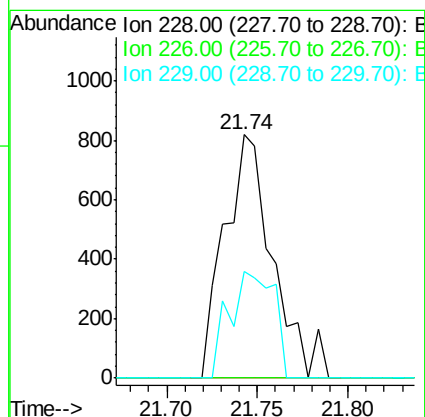
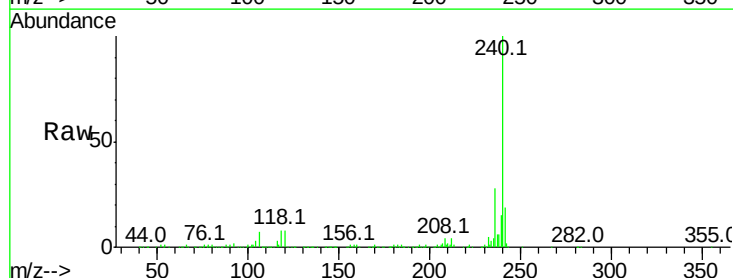
Instrument :
BNA_G
ClientSampleId :

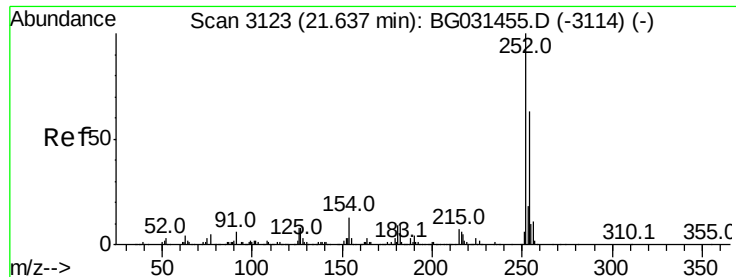
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	62.2	93.2#
206	0.0	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.74 min Scan# 3141
Delta R.T. 0.02 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	43.8	16.2	24.2#

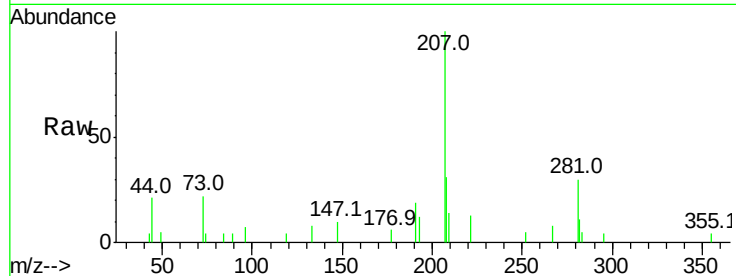




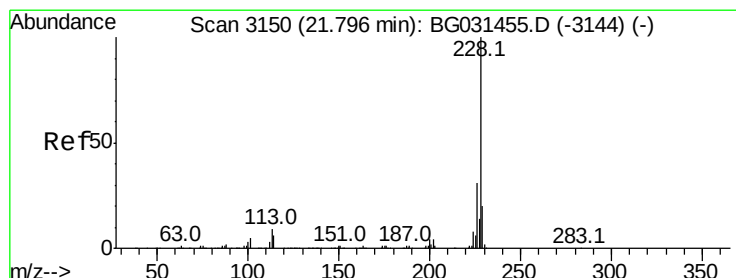
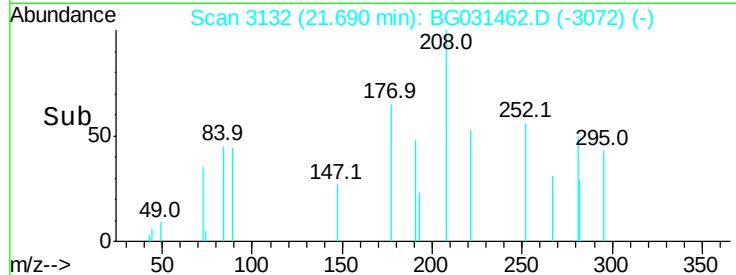
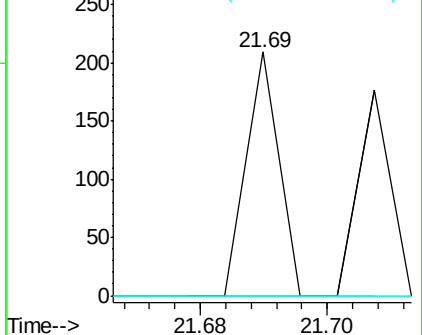
#81
 3,3'-Dichlorobenzidine
 Concen: 0.007 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. 0.05 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 74
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 0.0 7.4 11.2#

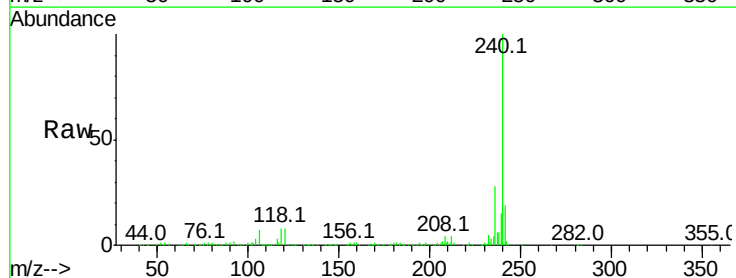


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

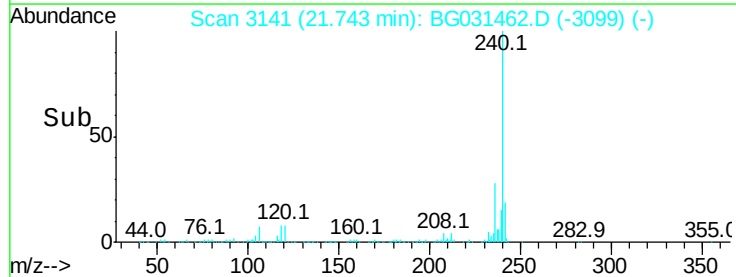
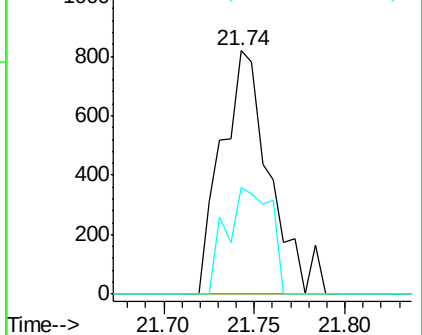


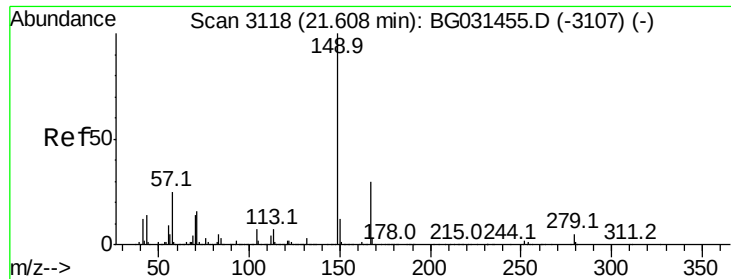
#82
 Chrysene
 Concen: 0.054 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.05 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Tgt Ion:228 Resp: 1516
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.9 37.3#
 229 43.8 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

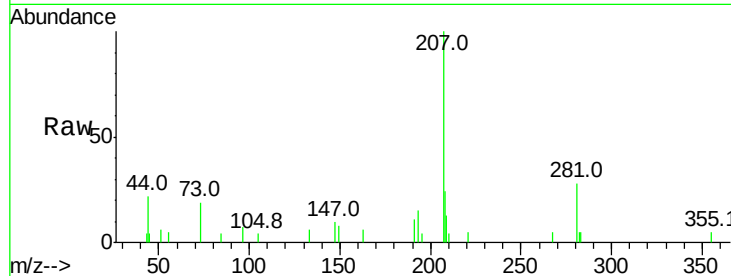




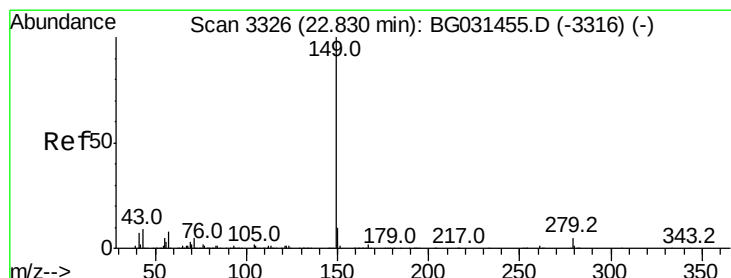
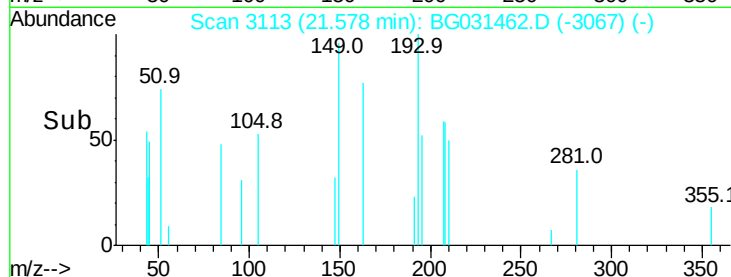
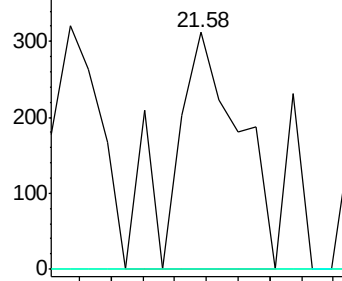
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.031 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.03 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:149 Resp: 464
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.3 36.5#
 279 0.0 4.0 6.0#

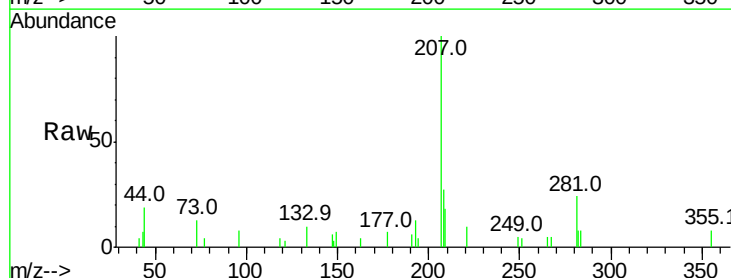


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

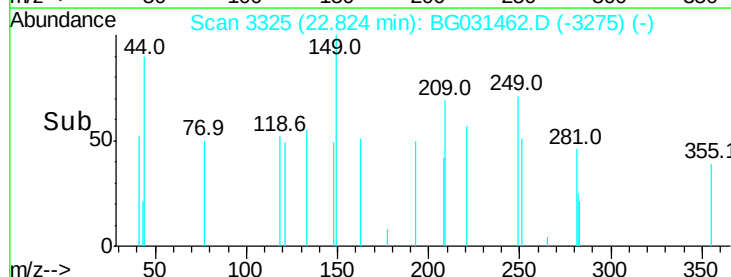
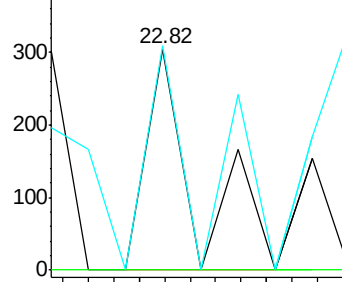


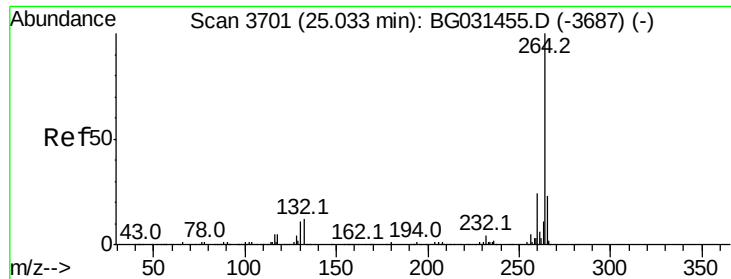
#84
 Di-n-octyl phthalate
 Concen: 0.007 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Tgt Ion:149 Resp: 166
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 65.7 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): BG



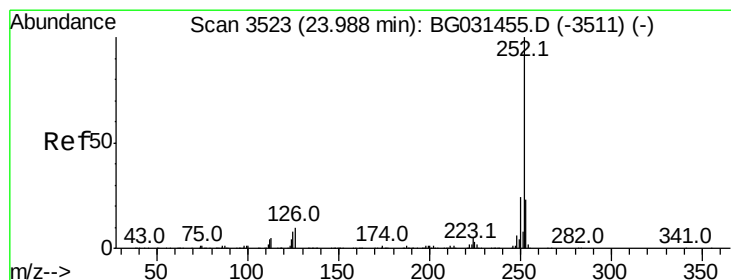
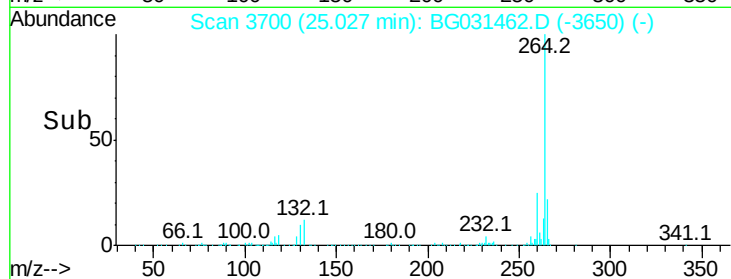
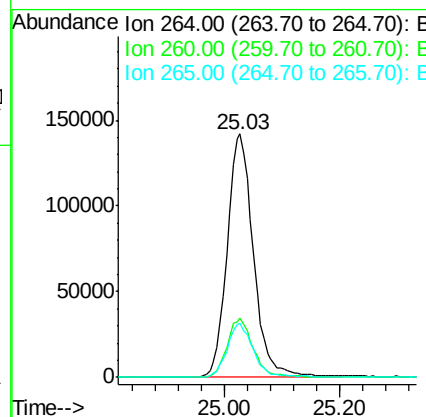
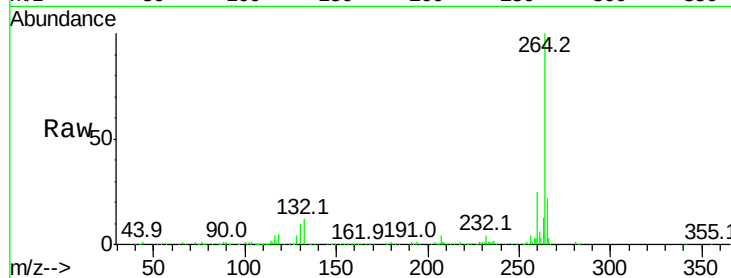


#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 447119

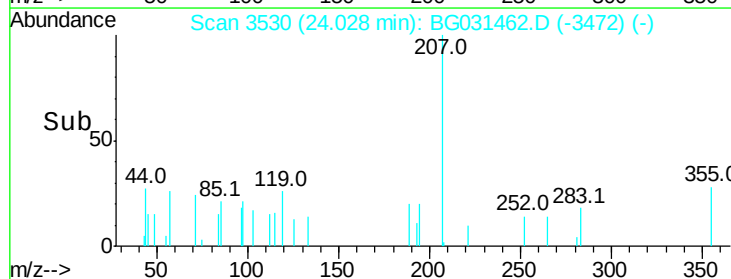
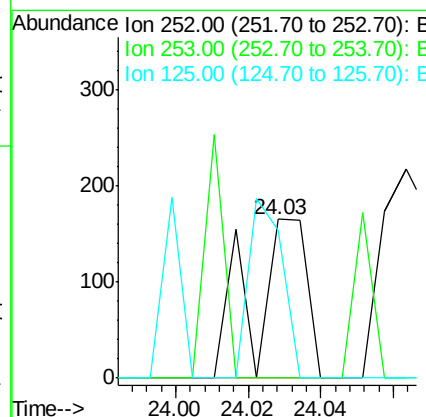
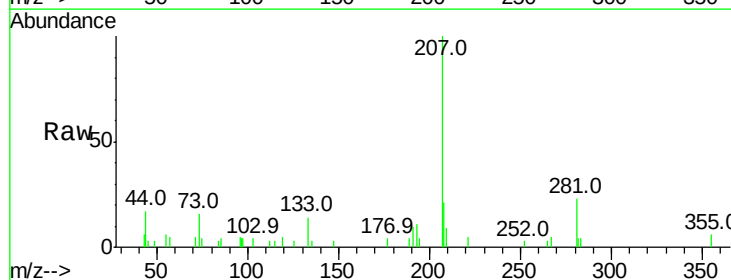
Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.0	17.7	26.5

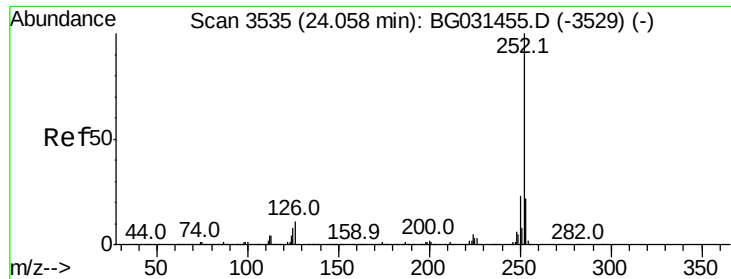


#87
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 24.03 min Scan# 3530
Delta R.T. 0.04 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

Tgt Ion:252 Resp: 171

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	92.7	7.2	10.8#

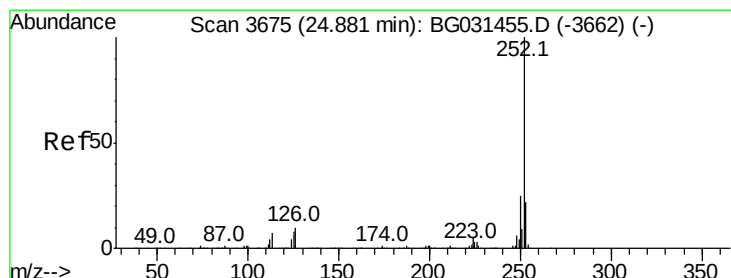
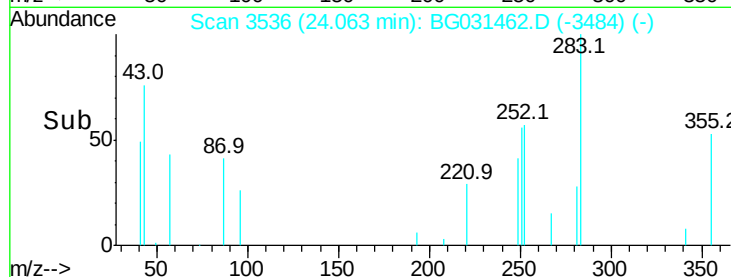
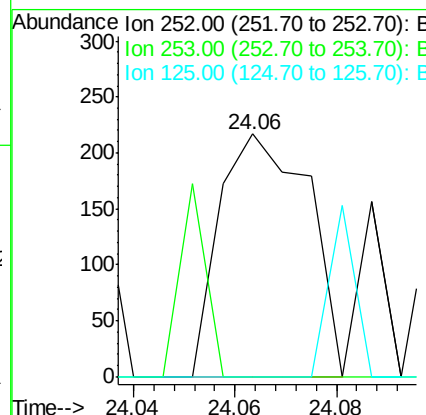
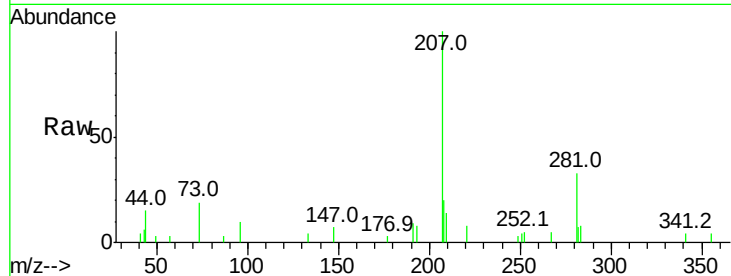




#88
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 24.06 min Scan# 3536
Delta R.T. 0.01 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 265
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG031462.D
Acq: 11 Dec 2017 19:14

Tgt Ion:252 Resp: 78
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 0.0 7.3 10.9#

