

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031472.D
 Acq On : 12 Dec 2017 2:35
 Operator : SJ/JU
 Sample : I6762-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 03:55:11 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	50613	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	212854	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	146337	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	421865	20.00	ng	0.00
75) Chrysene-d12	21.74	240	517786	20.00	ng	0.00
86) Perylene-d12	25.02	264	483649	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	138138	48.38	ng	0.00
7) Phenol-d6	7.28	99	112110	28.28	ng	0.00
23) Nitrobenzene-d5	9.28	82	335219	97.07	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	184852	107.82	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	978725	98.17	ng	0.00
78) Terphenyl-d14	20.06	244	1911839	84.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	185	0.136	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	157	0.093	ng	# 1
6) Aniline	7.64	93	217	0.042	ng	# 1
9) Benzaldehyde	7.29	77	85	0.037	ng	# 5
10) Phenol	7.31	94	2825	0.694	ng	# 56
11) bis(2-Chloroethyl)ether	7.64	93	217	0.065	ng	# 1
15) Benzyl Alcohol	8.43	79	5033	1.623	ng	# 37
24) Nitrobenzene	9.32	77	63	0.018	ng	# 42
25) Isophorone	9.83	82	137	0.021	ng	# 69
28) bis(2-Chloroethoxy)methane	10.56	93	60	0.014	ng	# 51
45) 1,1'-Biphenyl	13.35	154	2164	0.180	ng	# 1
49) Dimethylphthalate	14.21	163	5805	0.479	ng	# 92
51) Acenaphthene	14.81	154	229	0.026	ng	# 44
54) Dibenzofuran	15.16	168	440	0.031	ng	# 46
55) 4-Nitrophenol	15.17	139	68	3.579	ng	# 1
56) 2,4-Dinitrotoluene	14.86	165	60	0.016	ng	# 16
57) Fluorene	15.79	166	830	0.073	ng	# 57
59) Diethylphthalate	15.55	149	1317	0.108	ng	# 83
62) Azobenzene	16.22	77	1142	0.114	ng	# 53
65) n-Nitrosodiphenylamine	16.22	169	6215	0.503	ng	# 44
70) Phenanthrene	17.52	178	11377	0.516	ng	# 91
71) Anthracene	17.63	178	540	0.025	ng	# 59
72) Carbazole	17.93	167	252	0.013	ng	# 59
73) Di-n-butylphthalate	18.42	149	3149	0.138	ng	# 78
74) Fluoranthene	19.53	202	8946	0.324	ng	# 97
76) Benzidine	19.90	184	62	0.005	ng	# 66
77) Pyrene	19.89	202	6161	0.191	ng	# 92
79) Butylbenzylphthalate	20.75	149	204	0.018	ng	# 20
80) Benzo(a)anthracene	21.74	228	3198	0.102	ng	# 80
82) Chrysene	21.80	228	1034	0.035	ng	# 80
83) Bis(2-ethylhexyl)phthalate	21.60	149	1060	0.065	ng	# 50
84) Di-n-octyl phthalate	22.83	149	64	0.002	ng	# 1
87) Benzo(b)fluoranthene	23.99	252	164	0.006	ng	# 59
88) Benzo(k)fluoranthene	24.01	252	554	0.019	ng	# 27

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Sample : I6762-08
Misc :
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Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 12 03:55:11 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

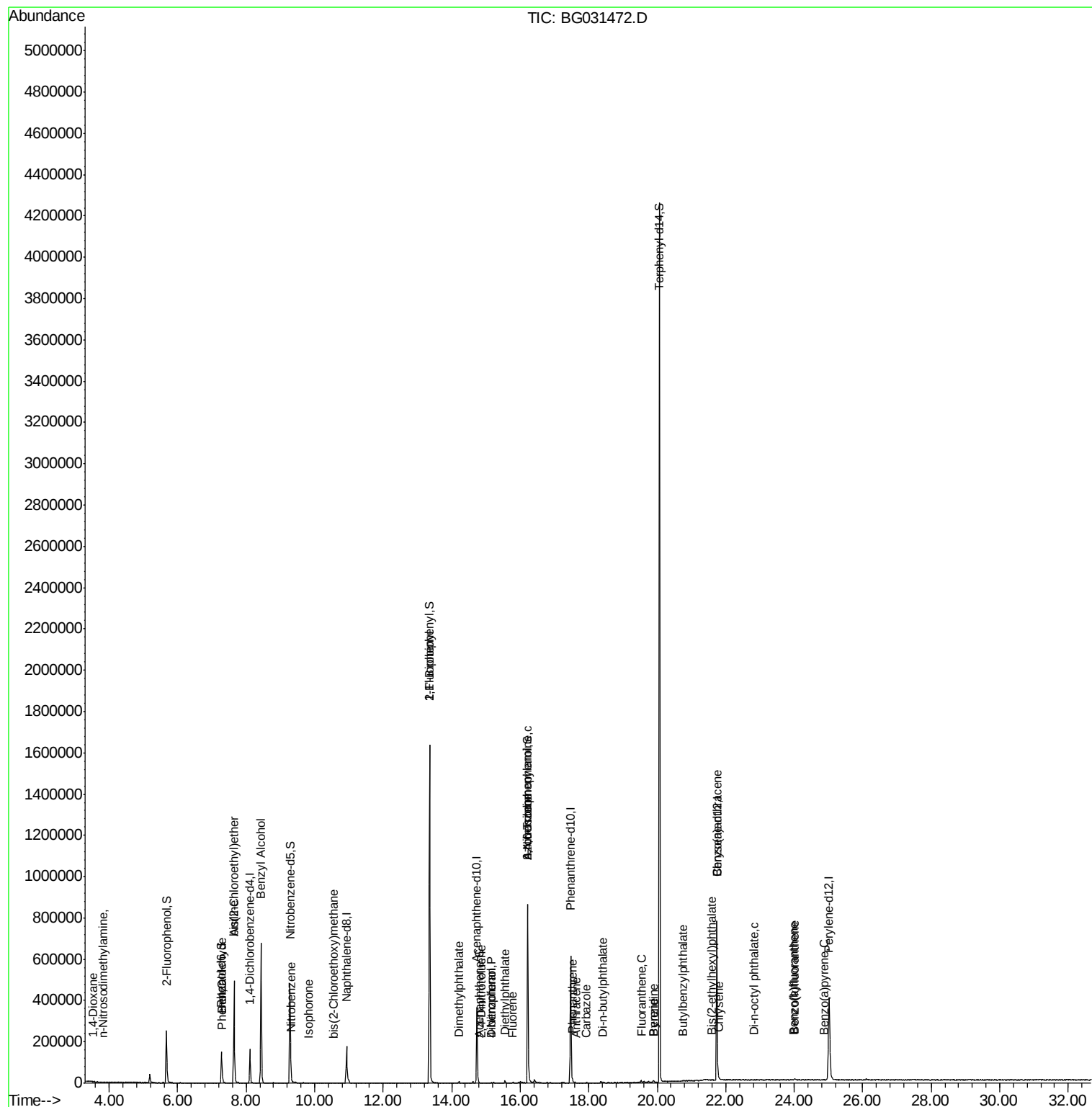
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	24.86	252	112	0.004	ng	# 59

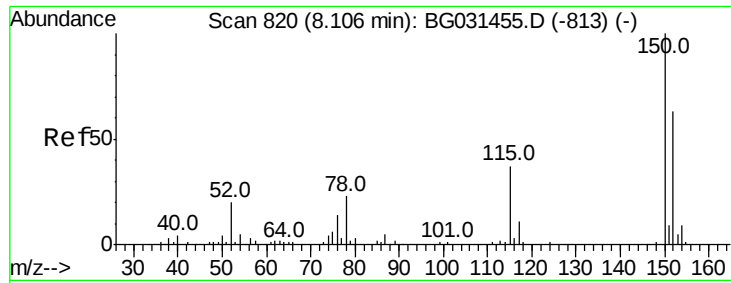
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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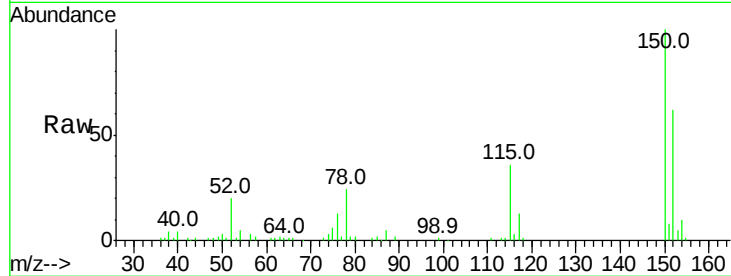


#1

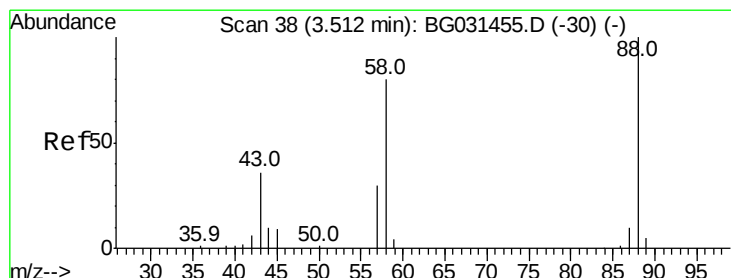
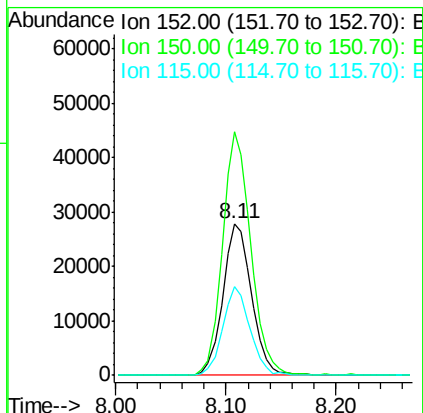
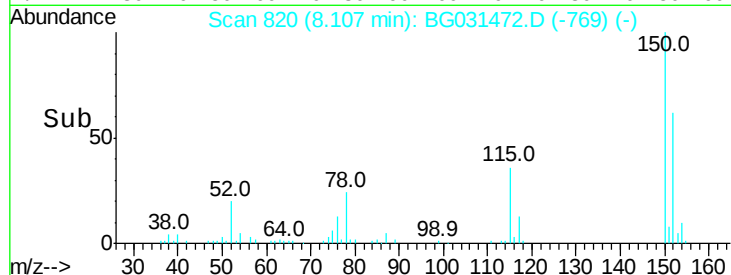
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 50613
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 58.3 53.0 79.4



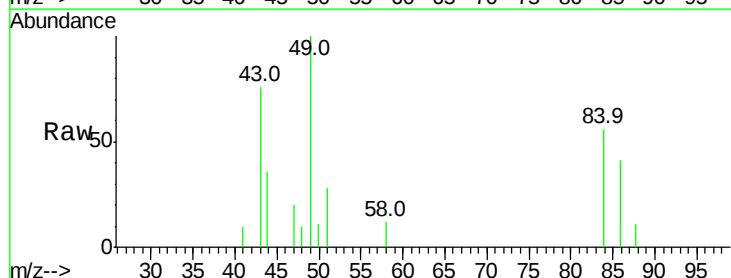
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



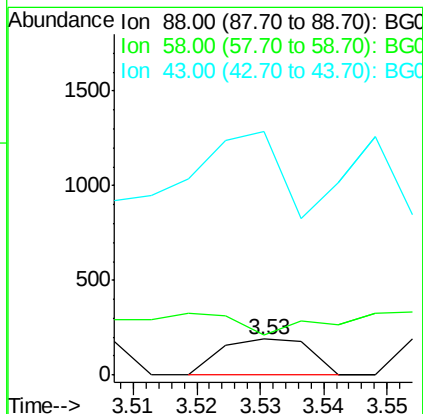
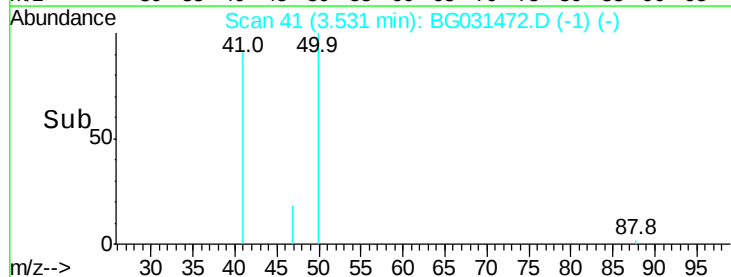
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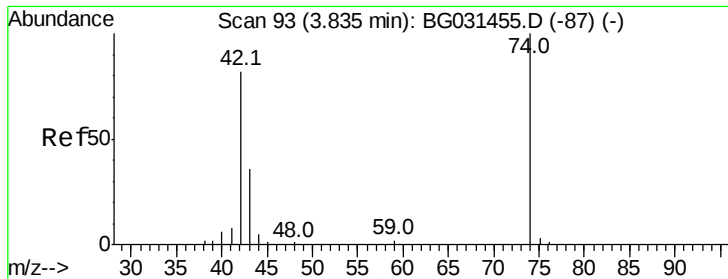
1,4-Dioxane
Concen: 0.136 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.02 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
58 58.4 79.6 119.4#
43 305.4 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



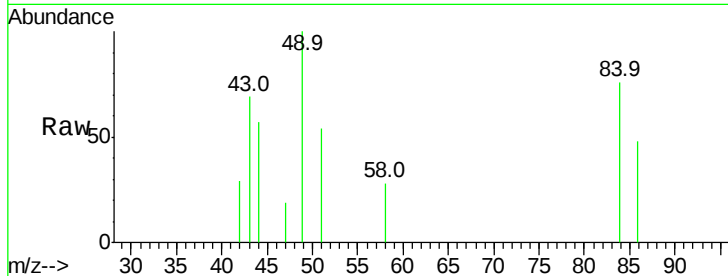


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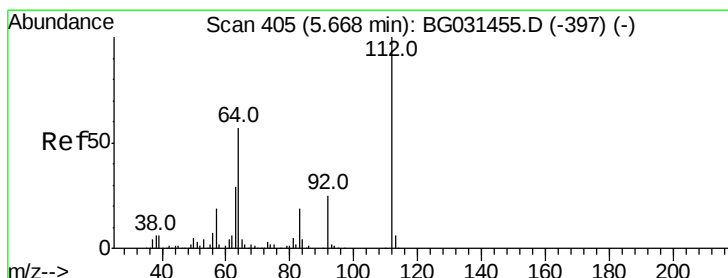
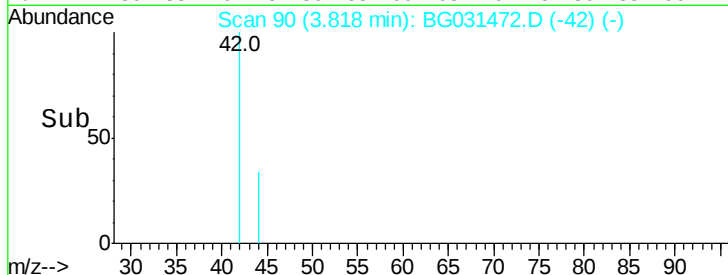
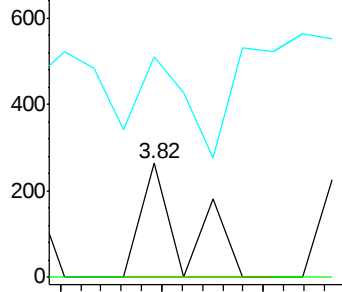
n-Nitrosodimethylamine
 Concen: 0.093 ng
 RT: 3.82 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: BG031472.D
 Acq: 12 Dec 2017 2:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	193.9	18.9	28.3#



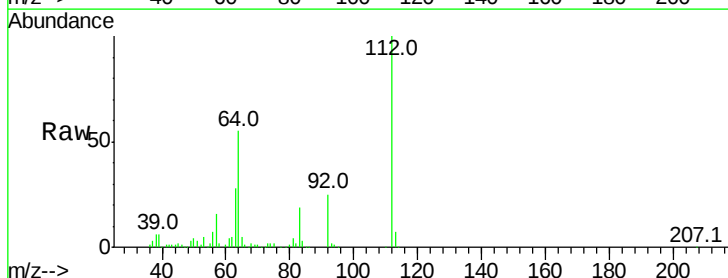
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



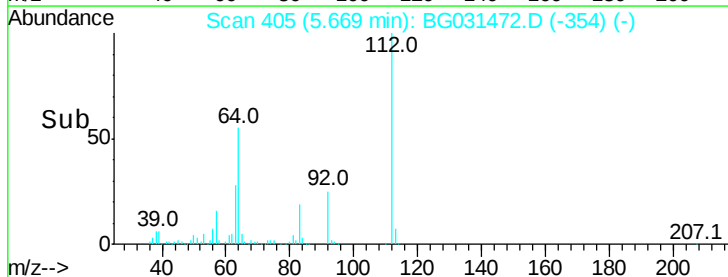
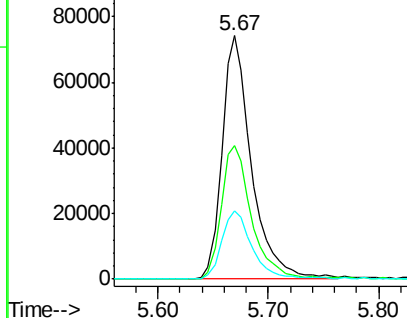
#5

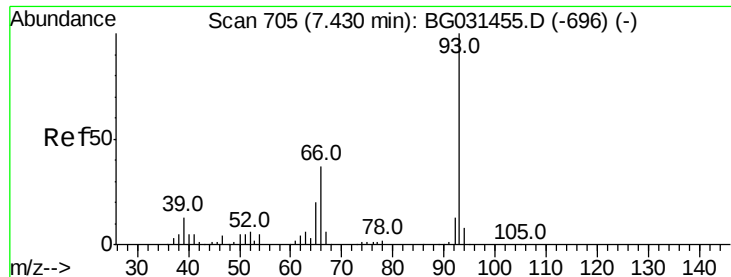
2-Fluorophenol
 Concen: 48.377 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031472.D
 Acq: 12 Dec 2017 2:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	56.3	84.5#
63	27.9	30.1	45.1#



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





#6

Aniline

Concen: 0.042 ng

RT: 7.64 min Scan# 740

Delta R.T. 0.21 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampled :

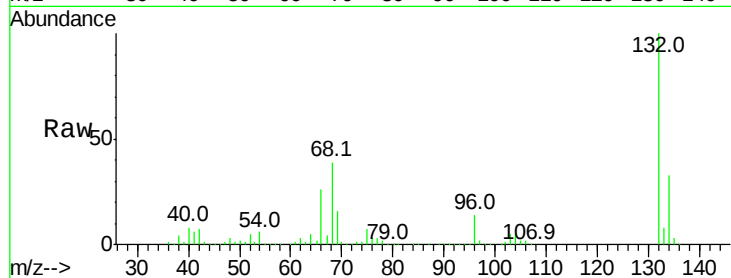
Tot Ion: 93 Resp: 217

Ion Ratio Lower Upper

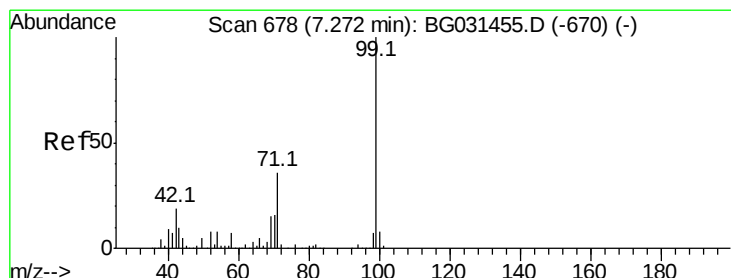
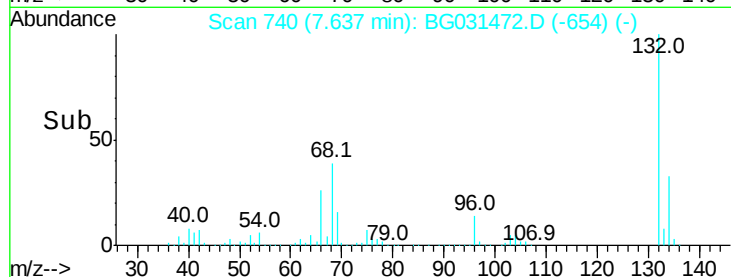
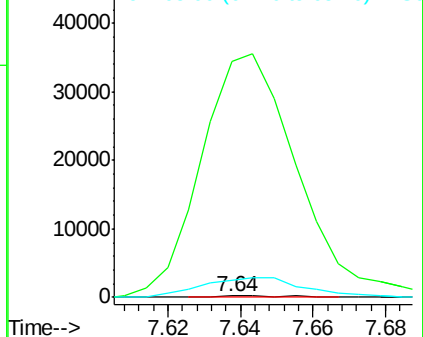
93 100

66 14403.3 33.7 50.5#

65 1011.3 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: 28.282 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

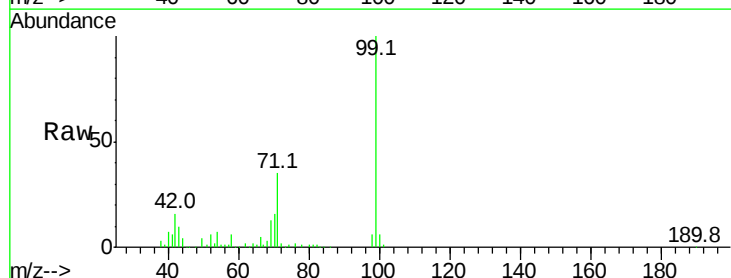
Tgt Ion: 99 Resp: 112110

Ion Ratio Lower Upper

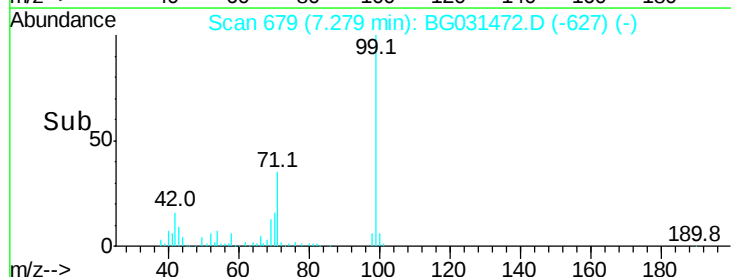
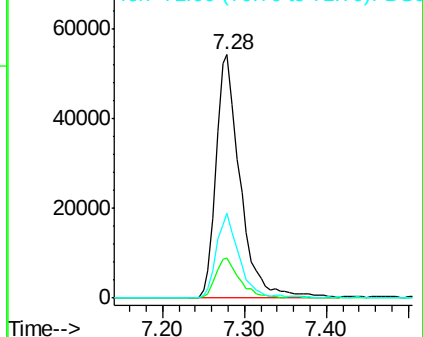
99 100

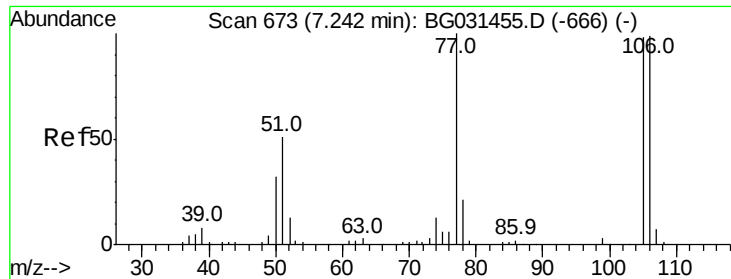
42 16.4 14.1 21.1

71 34.6 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





#9

Benzaldehyde

Concen: 0.037 ng

RT: 7.29 min Scan# 681

Delta R.T. 0.05 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampled :

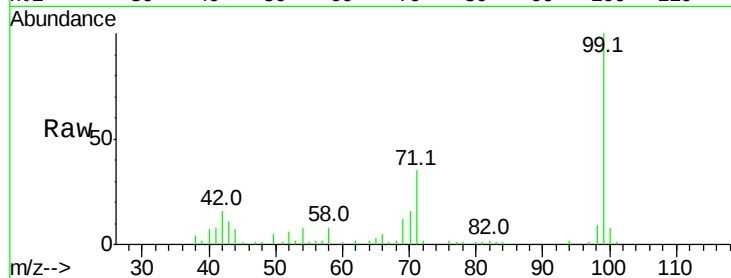
Tot Ion: 77 Resp: 85

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

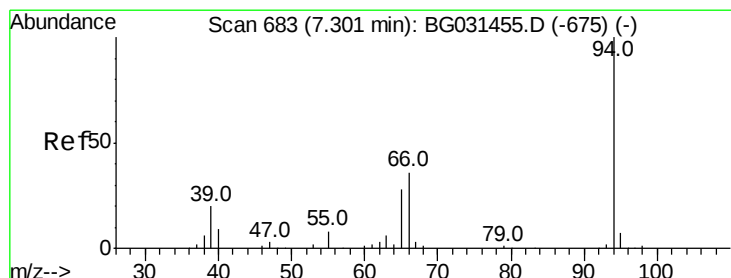
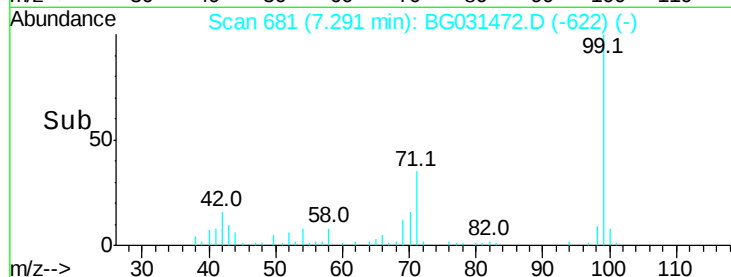
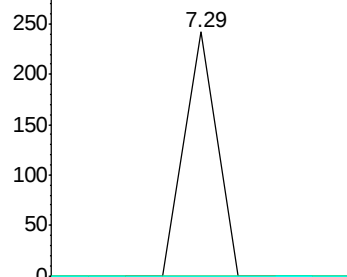
106 0.0 64.2 104.2#



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: 0.694 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

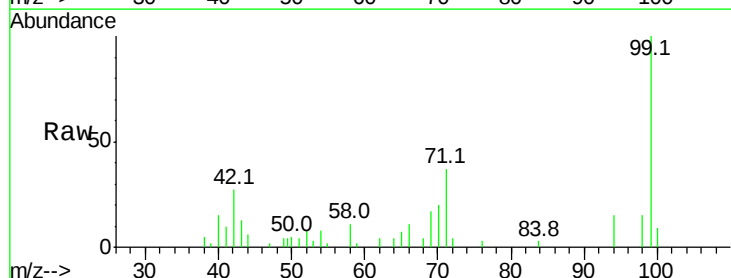
Tgt Ion: 94 Resp: 2825

Ion Ratio Lower Upper

94 100

65 47.5 11.9 51.9

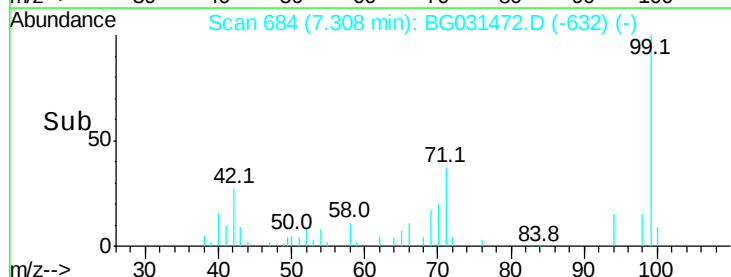
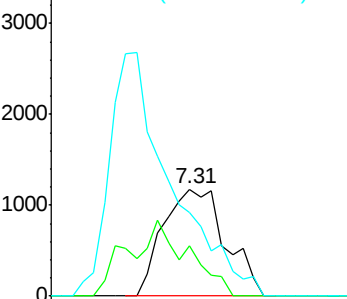
66 78.0 22.2 62.2#

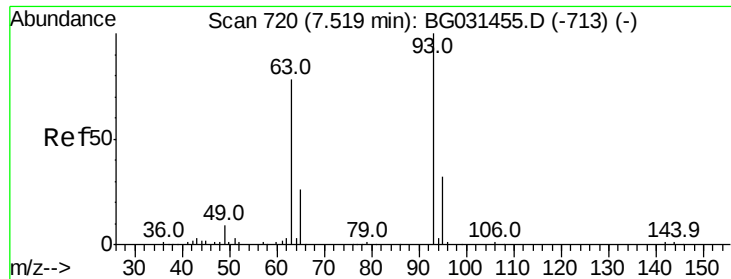


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

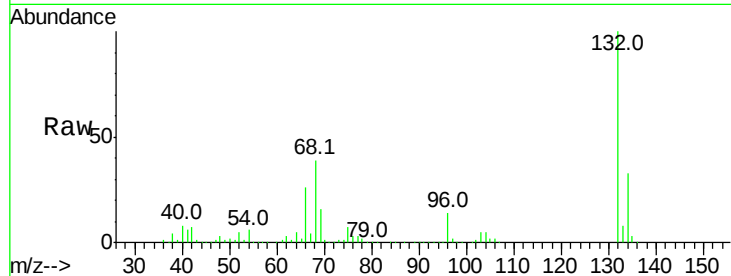




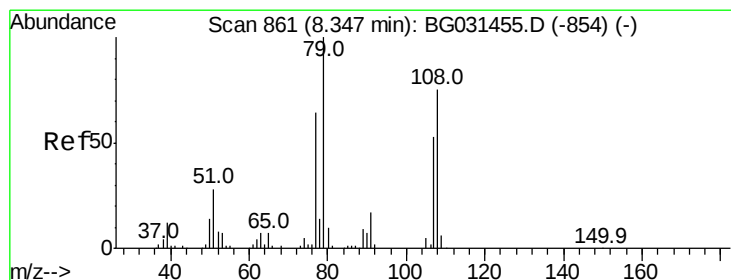
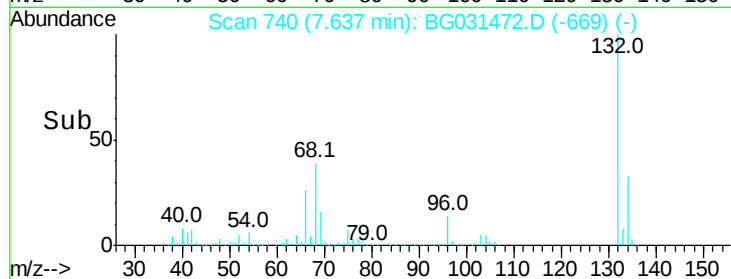
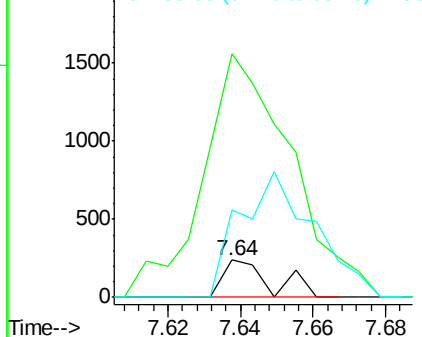
#11
bis(2-Chloroethyl)ether
Concen: 0.065 ng
RT: 7.64 min Scan# 740
Delta R.T. 0.12 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 217
Ion Ratio Lower Upper
93 100
63 652.3 67.1 107.1#
95 233.5 11.5 51.5#

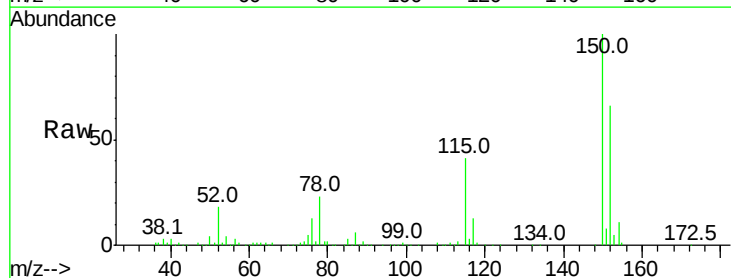


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

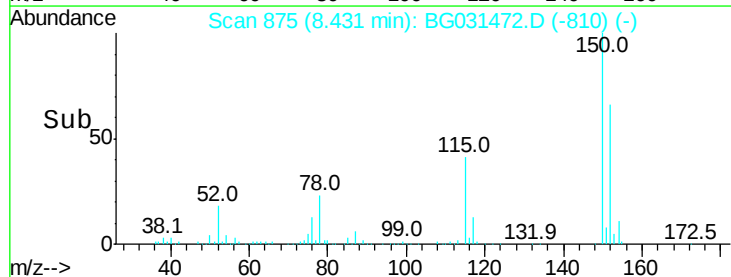
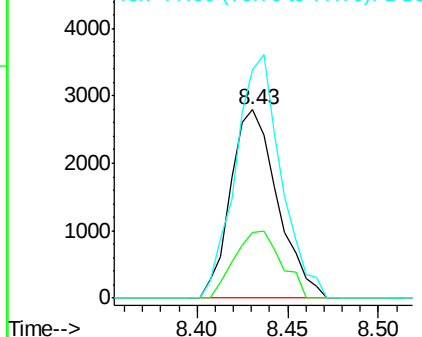


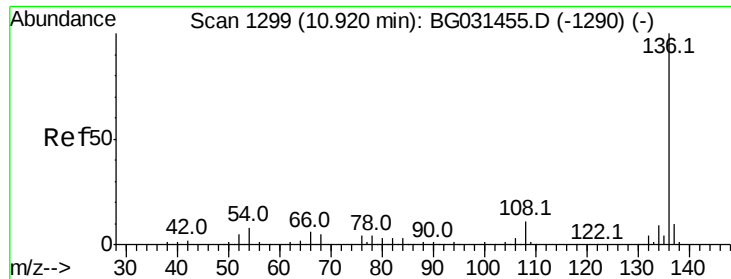
#15
Benzyl Alcohol
Concen: 1.623 ng
RT: 8.43 min Scan# 875
Delta R.T. 0.08 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Tgt Ion: 79 Resp: 5033
Ion Ratio Lower Upper
79 100
108 34.8 57.2 85.8#
77 121.3 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

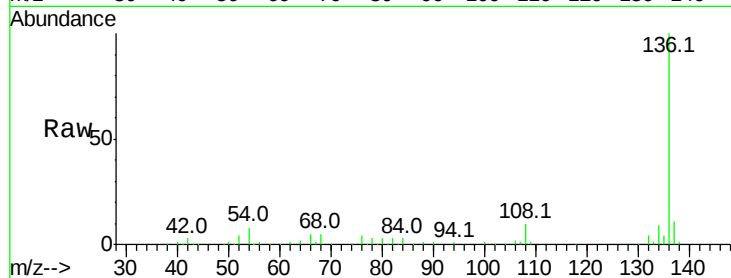




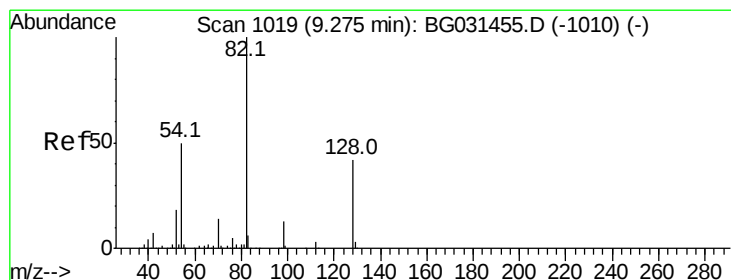
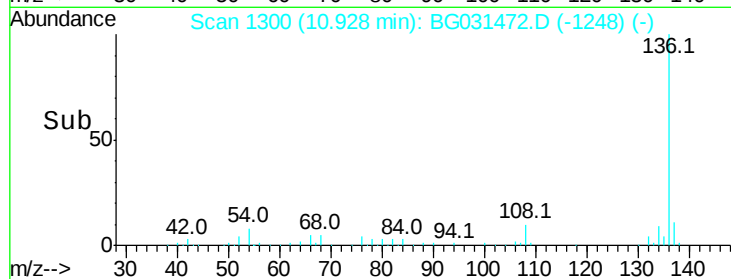
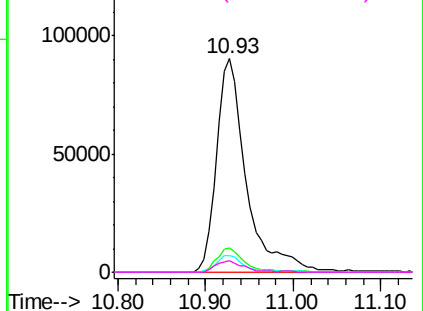
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	212854
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.0	10.3	15.5
68	5.2	4.5	6.7

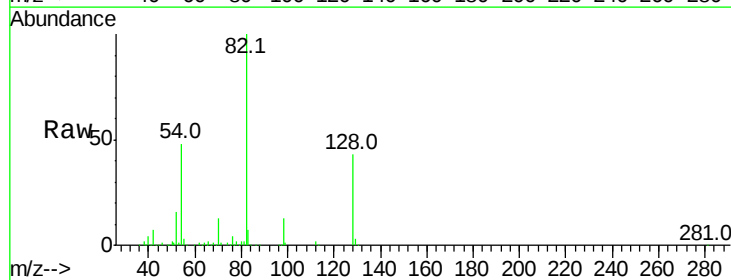


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

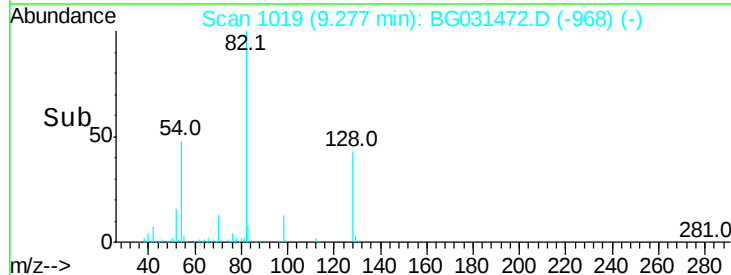
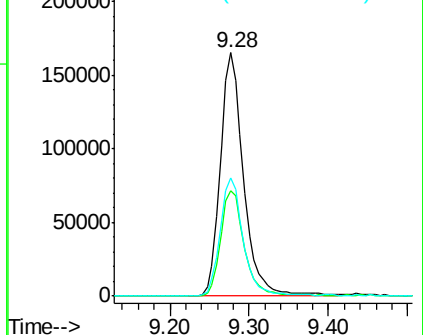


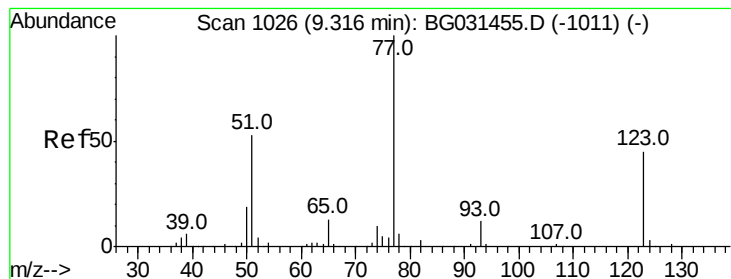
#23
Nitrobenzene-d5
Concen: 97.070 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Tgt Ion:	82	Resp:	335219
Ion	Ratio	Lower	Upper
82	100		
128	43.0	29.7	44.5
54	48.5	43.1	64.7



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





#24

Nitrobenzene

Concen: 0.018 ng

RT: 9.32 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BG031472.D

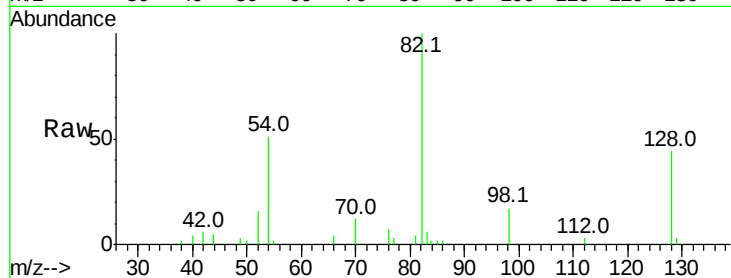
Acq: 12 Dec 2017 2:35

Instrument :

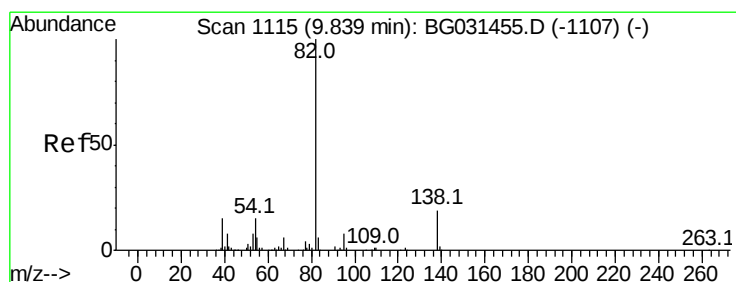
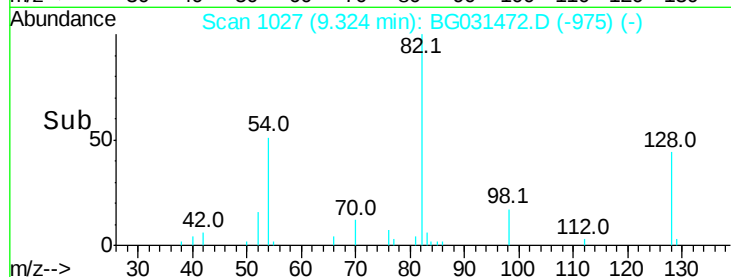
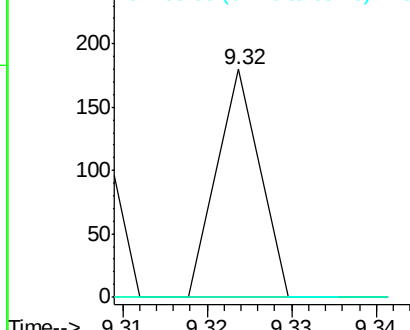
BNA_G

ClientSampled :

Tot Ion:	77	Resp:	63
Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	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: 0.021 ng

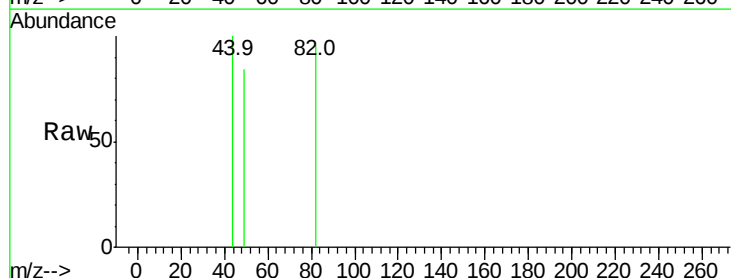
RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

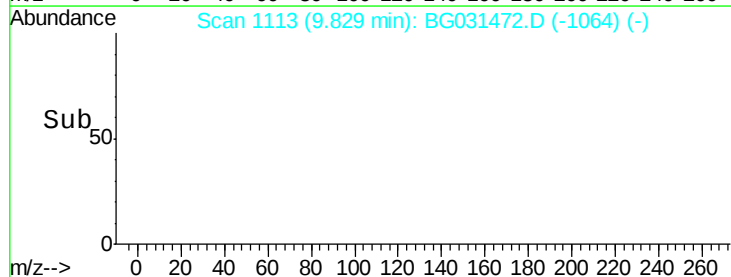
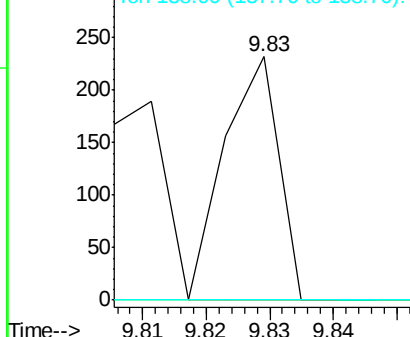
Lab File: BG031472.D

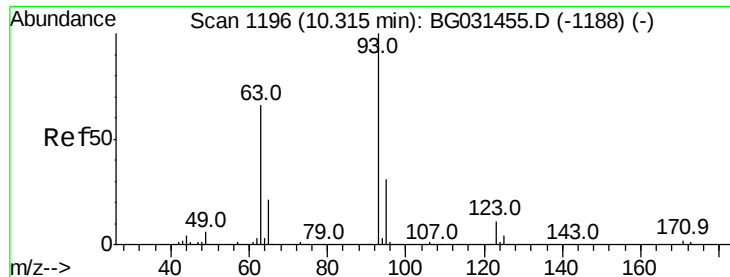
Acq: 12 Dec 2017 2:35

Tgt Ion:	82	Resp:	137
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#



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



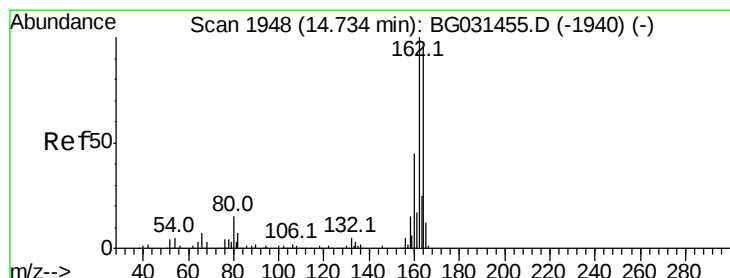
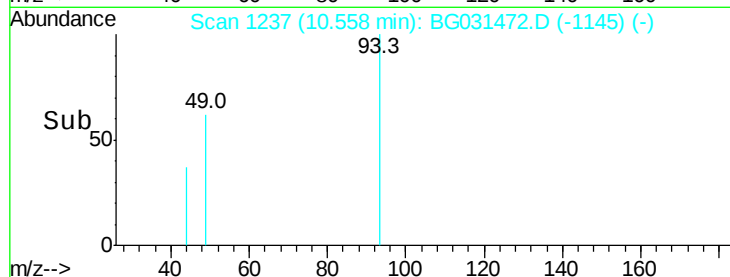
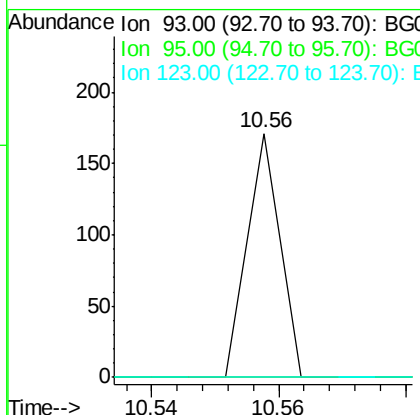
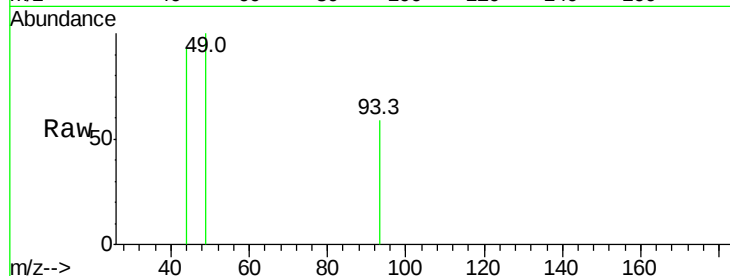


#28
bis(2-Chloroethoxy)methane
Concen: 0.014 ng
RT: 10.56 min Scan# 1237
Delta R.T. 0.24 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 60

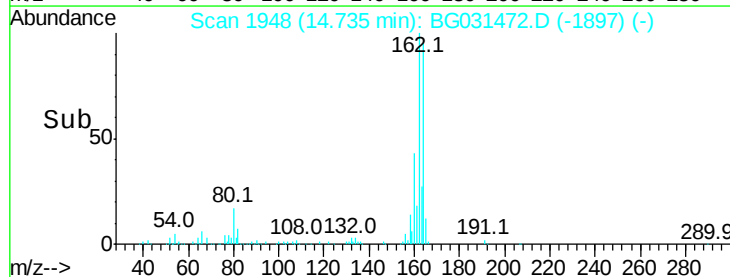
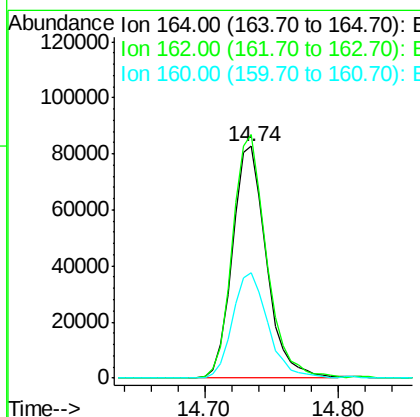
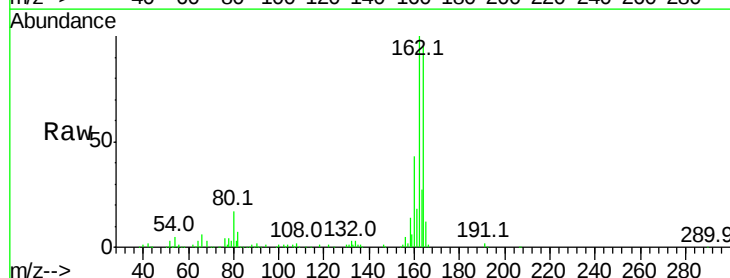
Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#

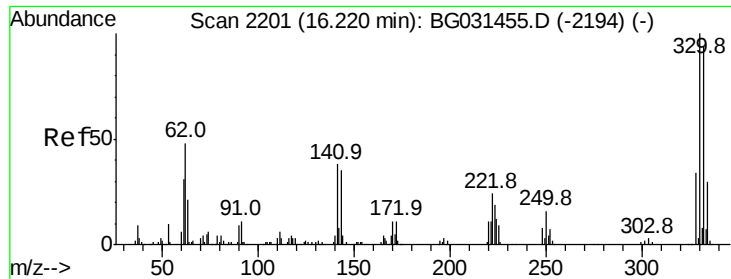


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Tgt Ion: 164 Resp: 146337

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	45.6	35.4	53.0

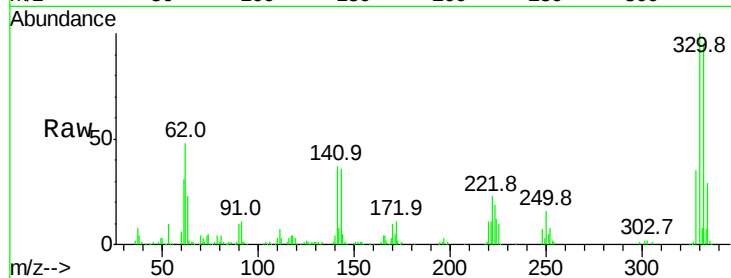




#41
 2,4,6-Tribromophenol
 Concen: 107.823 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031472.D
 Acq: 12 Dec 2017 2:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	36.9	25.2	37.8

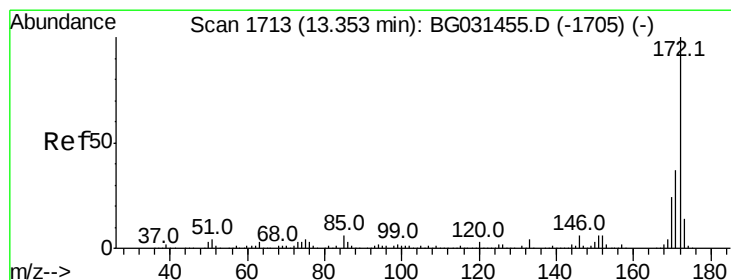
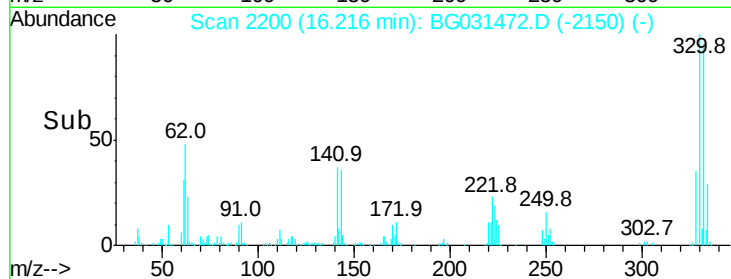
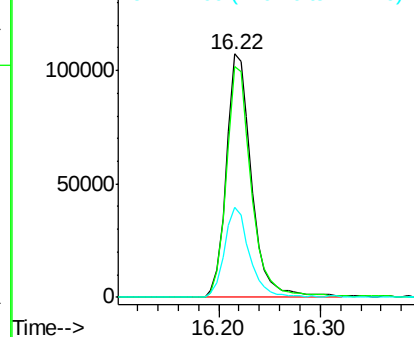


Abundance

Ion 329.80 (329.50 to 330.50): E

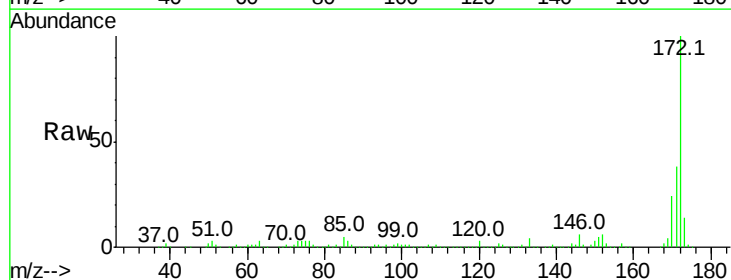
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.173 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031472.D
 Acq: 12 Dec 2017 2:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.0	19.5	29.3

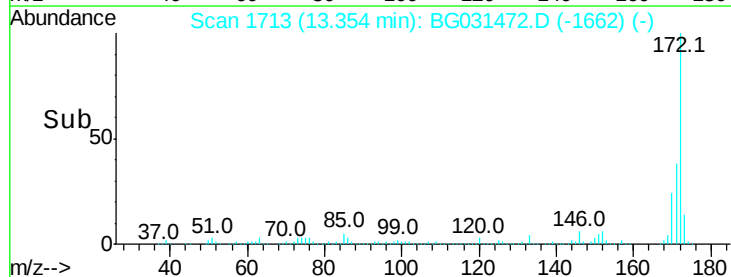
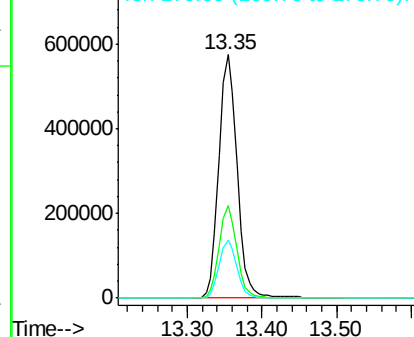


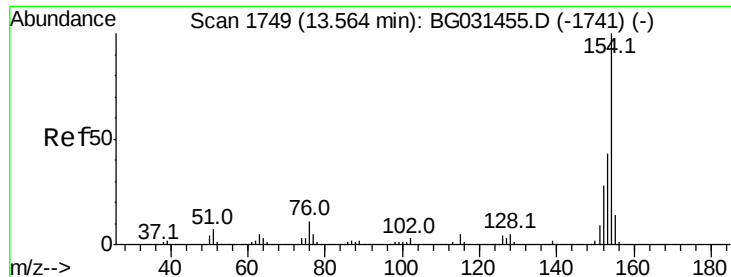
Abundance

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: 0.180 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.22 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

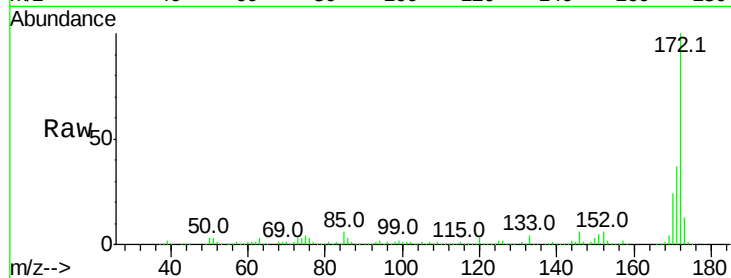
Tot Ion:154 Resp: 2164

Ion Ratio Lower Upper

154 100

153 687.5 19.8 59.8#

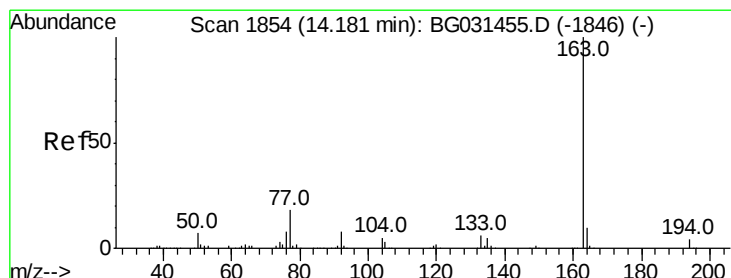
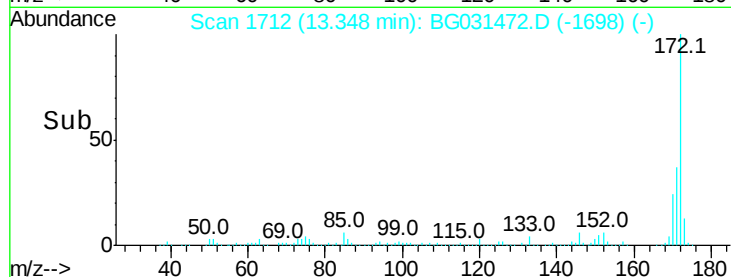
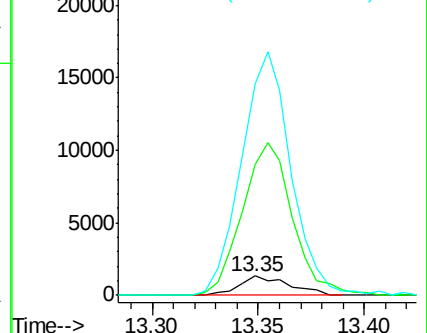
76 1109.1 0.0 31.9#



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



#49

Dimethylphthalate

Concen: 0.479 ng

RT: 14.21 min Scan# 1859

Delta R.T. 0.03 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

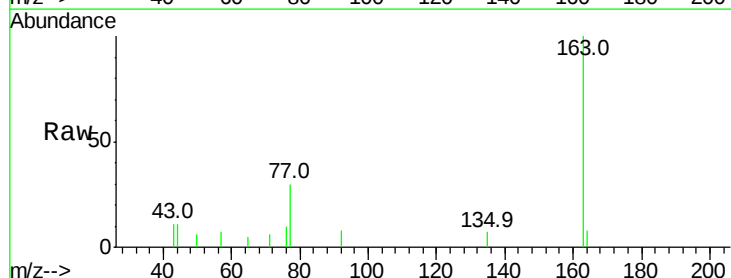
Tgt Ion:163 Resp: 5805

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

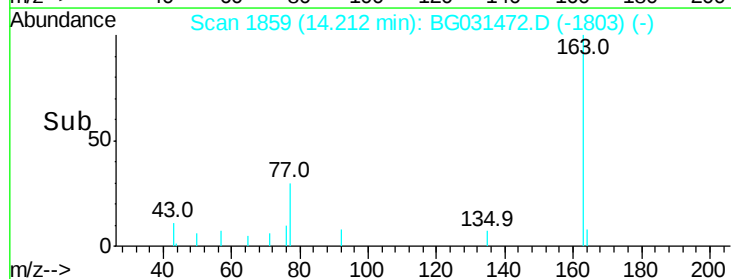
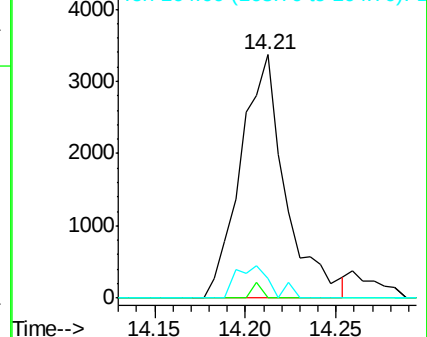
164 8.0 8.2 12.4#

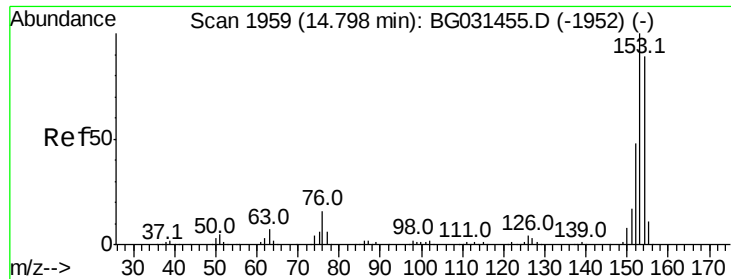


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.026 ng

RT: 14.81 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

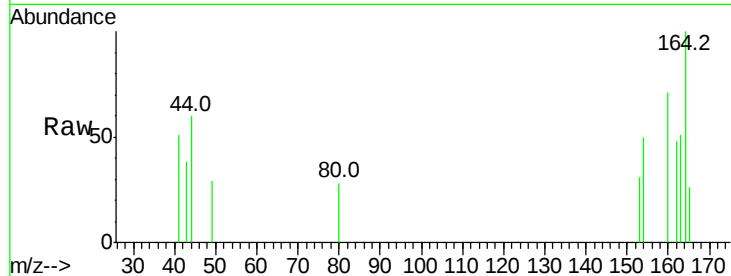
Tot Ion:154 Resp: 229

Ion Ratio Lower Upper

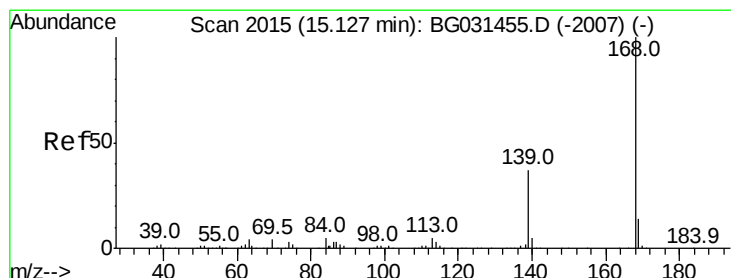
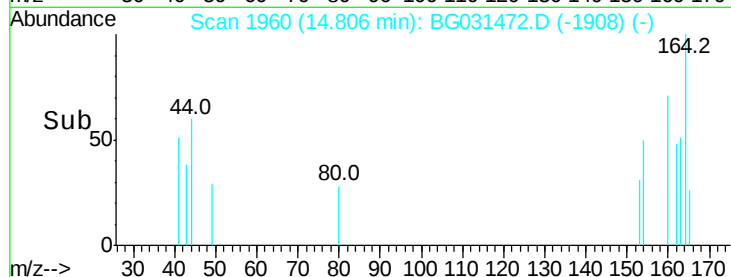
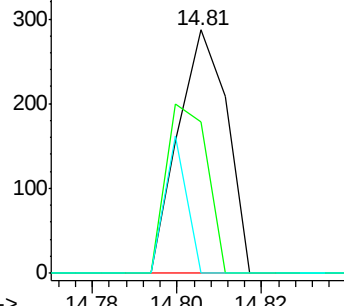
154 100

153 62.0 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



#54

Dibenzofuran

Concen: 0.031 ng

RT: 15.16 min Scan# 2020

Delta R.T. 0.03 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

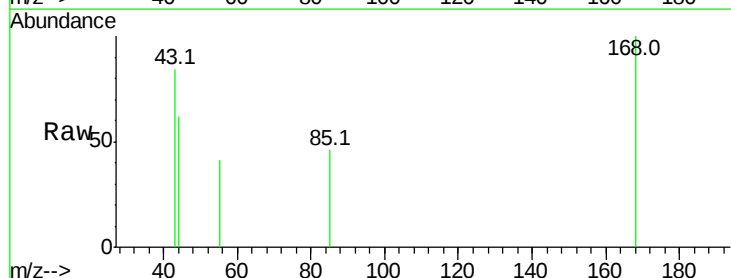
Tgt Ion:168 Resp: 440

Ion Ratio Lower Upper

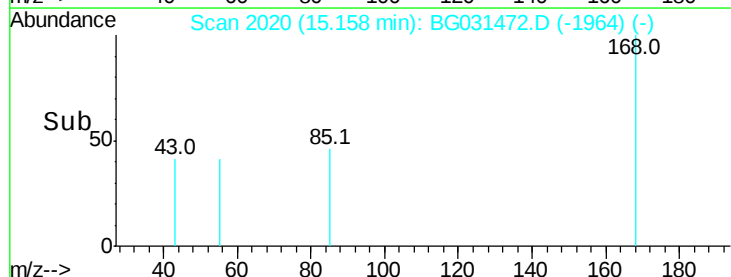
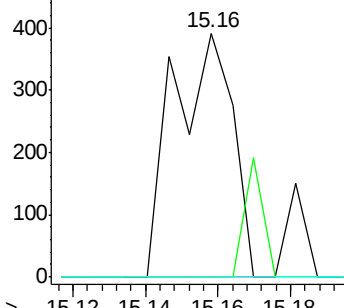
168 100

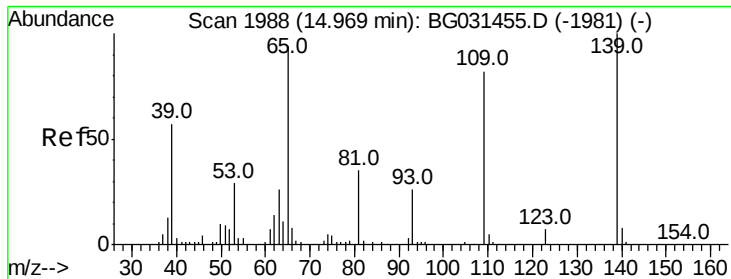
139 0.0 28.6 43.0#

169 0.0 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 3.579 ng

RT: 15.17 min Scan# 2022

Delta R.T. 0.20 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampled :

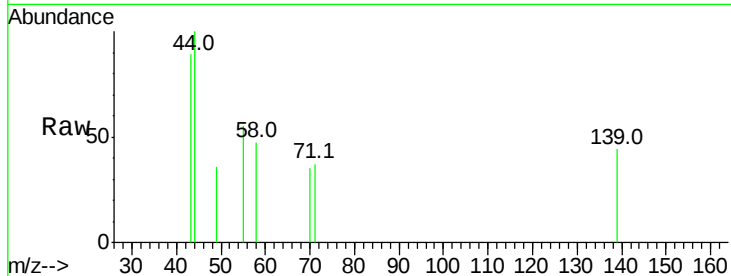
Tot Ion:139 Resp: 68

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

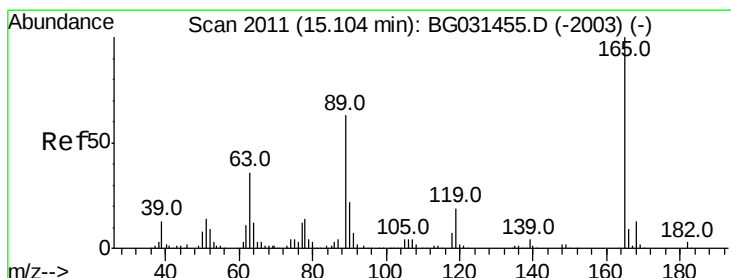
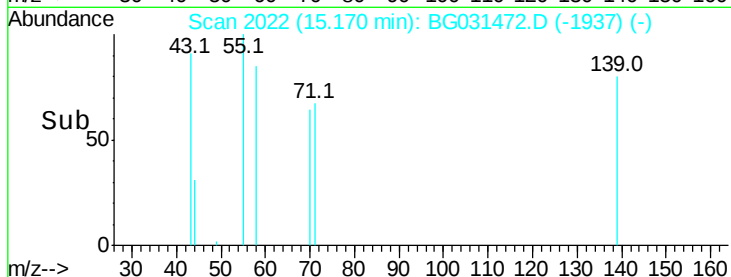
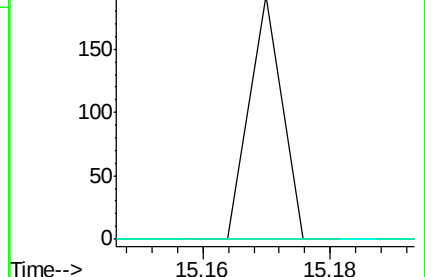
65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 0.016 ng

RT: 14.86 min Scan# 1969

Delta R.T. -0.25 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Tgt Ion:165 Resp: 60

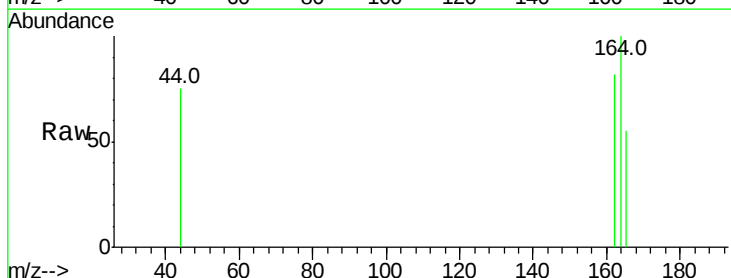
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

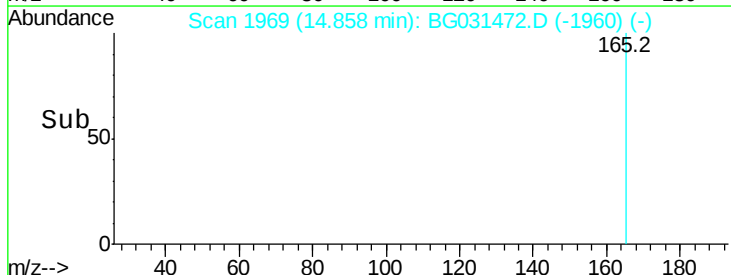
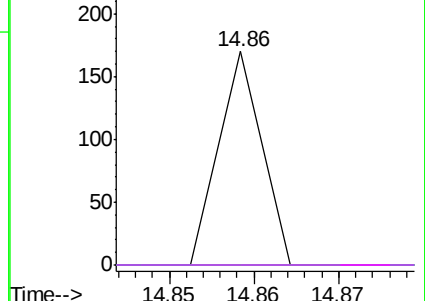


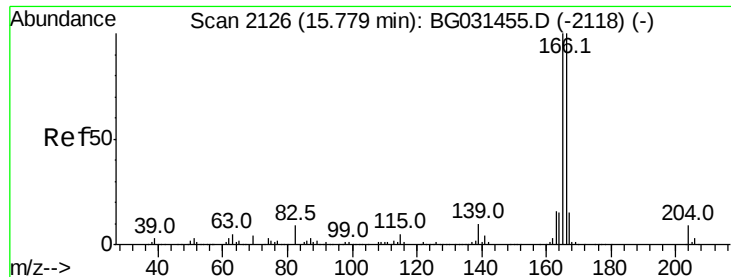
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 0.073 ng

RT: 15.79 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

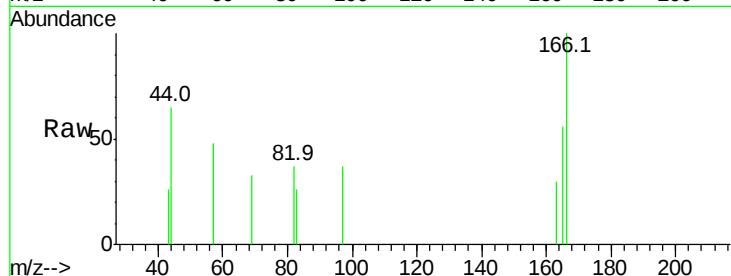
Tot Ion:166 Resp: 830

Ion Ratio Lower Upper

166 100

165 56.4 80.6 121.0#

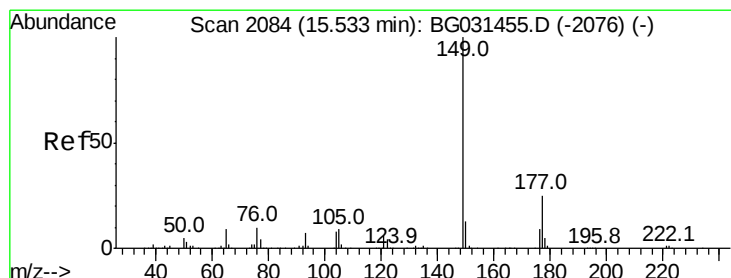
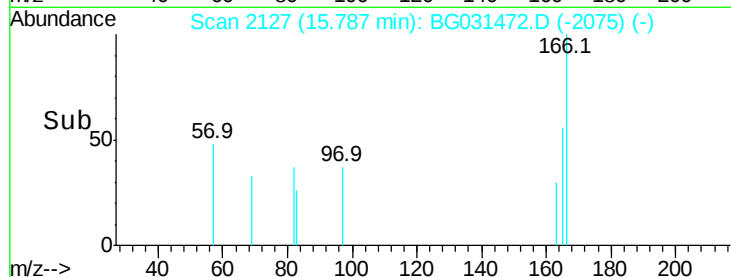
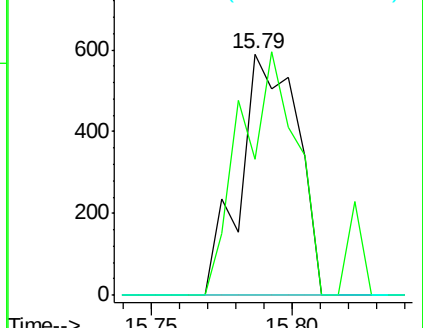
167 0.0 10.4 15.6#



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



#59

Diethylphthalate

Concen: 0.108 ng

RT: 15.55 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

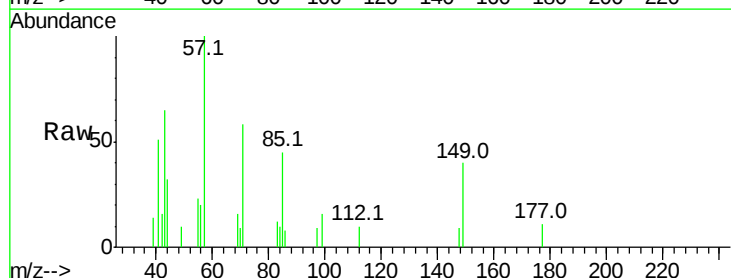
Tgt Ion:149 Resp: 1317

Ion Ratio Lower Upper

149 100

177 27.2 18.5 27.7

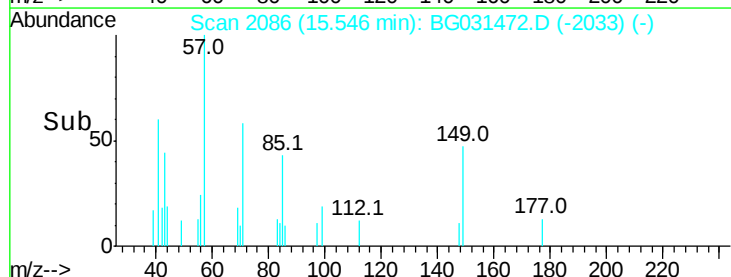
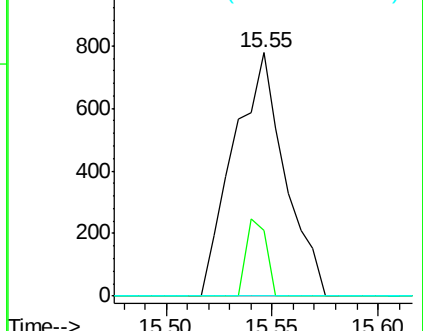
150 0.0 10.2 15.2#

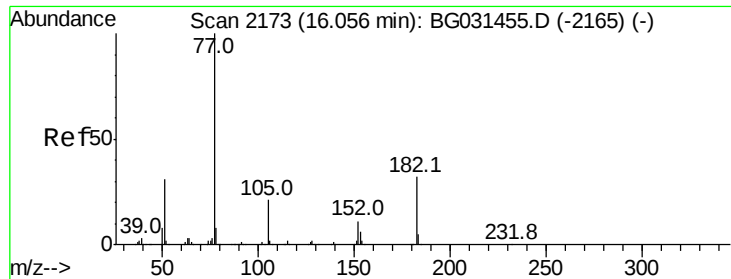


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.114 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.17 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1142

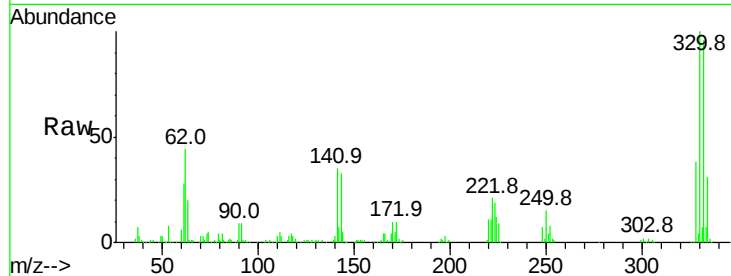
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 54.8 0.3 40.3#

51 44.4 11.6 51.6

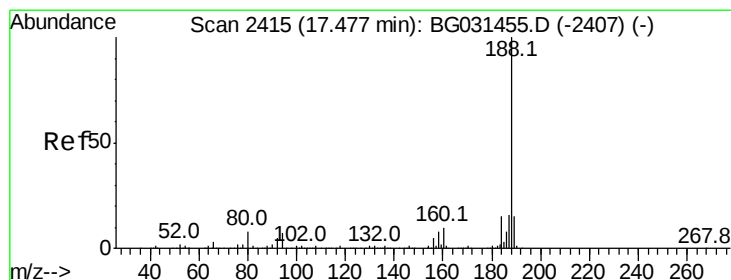
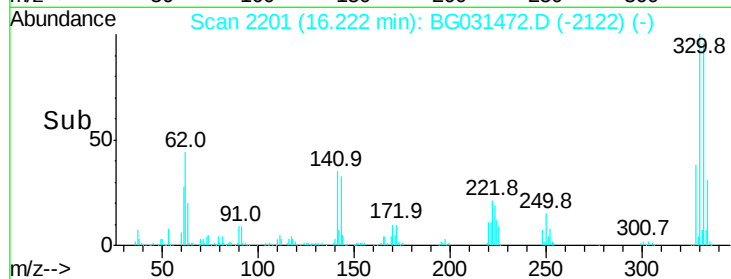
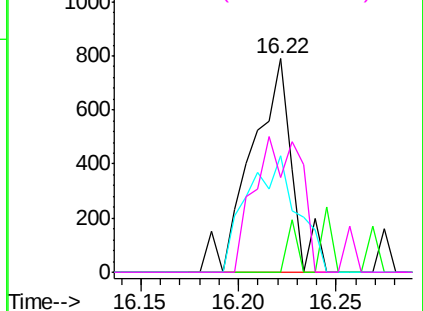


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

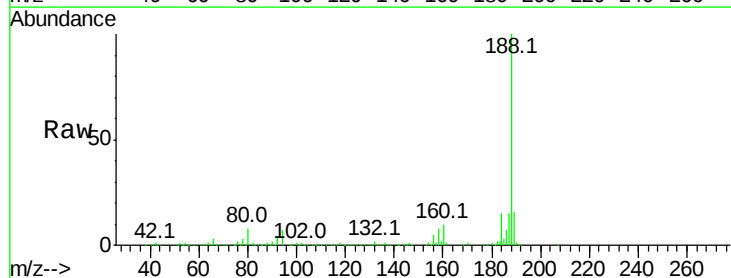
Tgt Ion: 188 Resp: 421865

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

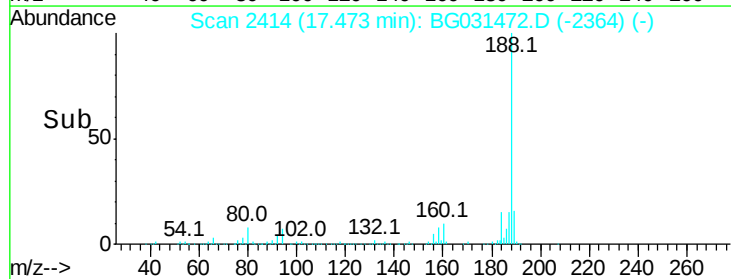
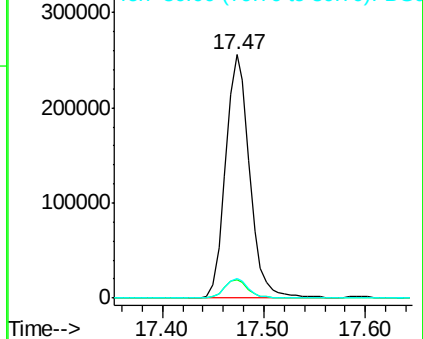
80 8.2 7.7 11.5

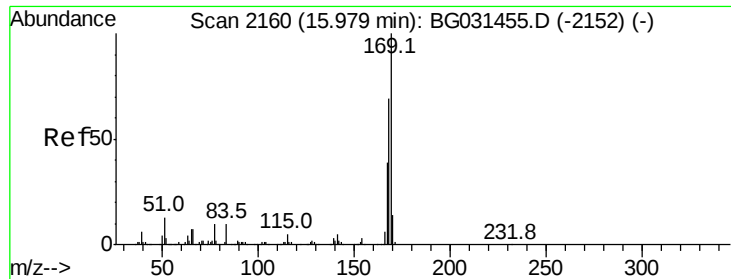


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

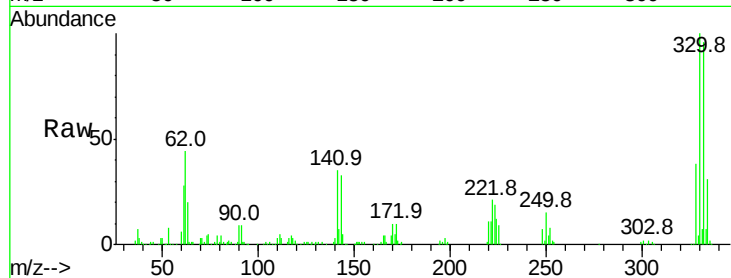




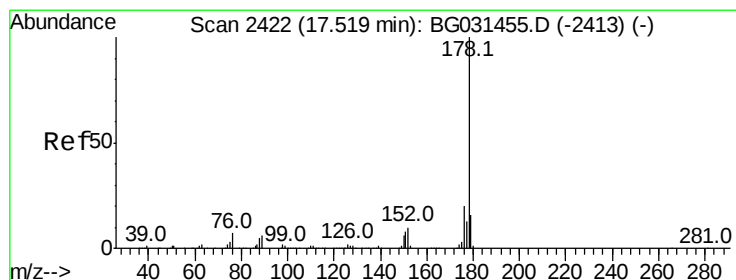
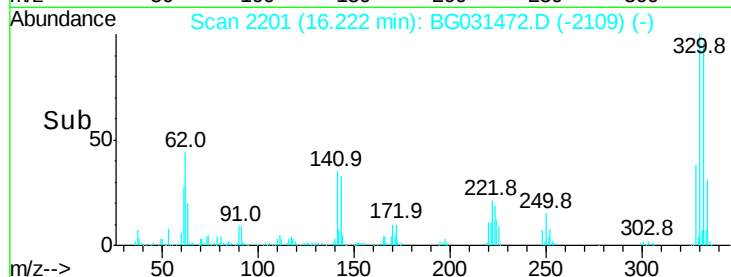
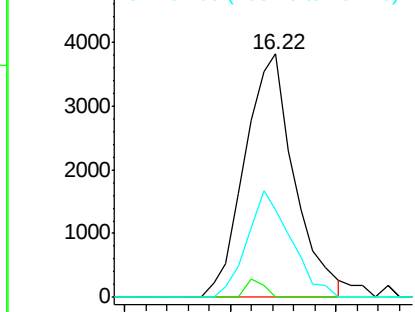
#65
n-Nitrosodiphenylamine
Concen: 0.503 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.24 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:169 Resp: 6215
Ion Ratio Lower Upper
169 100
168 0.0 55.7 83.5#
167 36.2 30.1 45.1

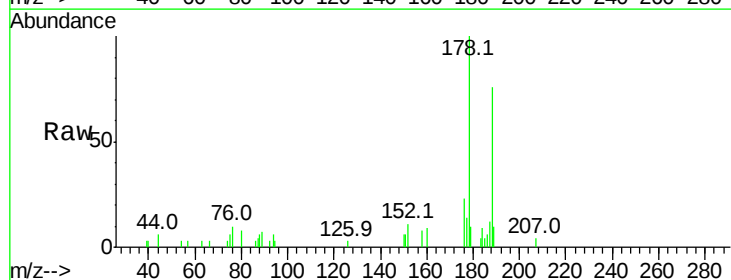


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

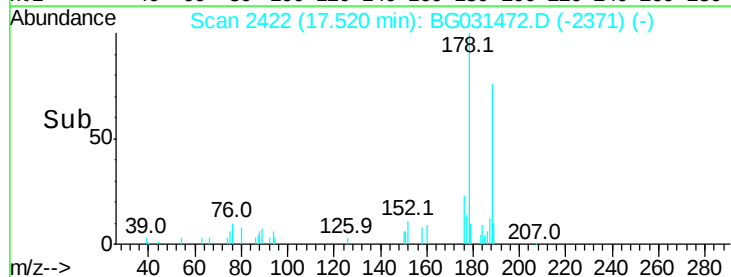
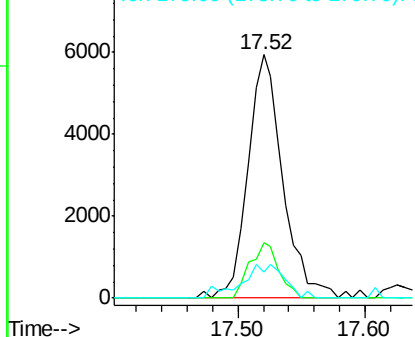


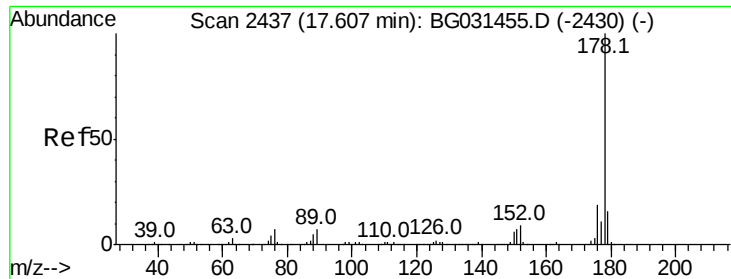
#70
Phenanthrene
Concen: 0.516 ng
RT: 17.52 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Tgt Ion:178 Resp: 11377
Ion Ratio Lower Upper
178 100
176 22.7 15.7 23.5
179 10.5 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

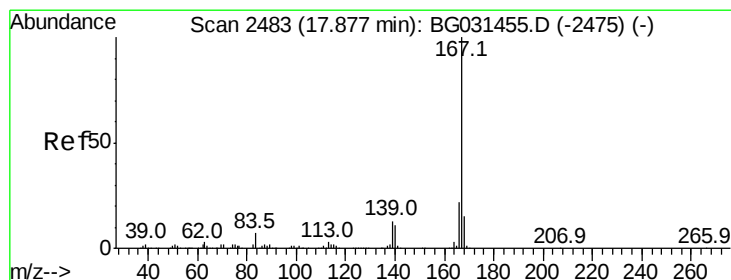
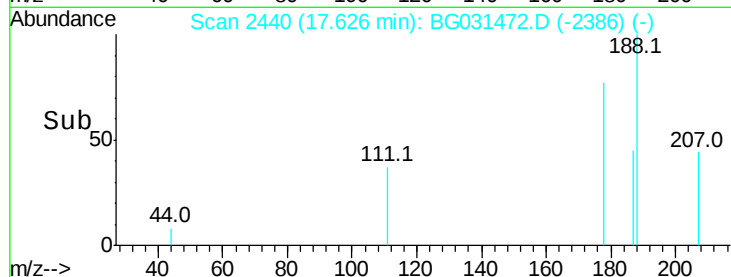
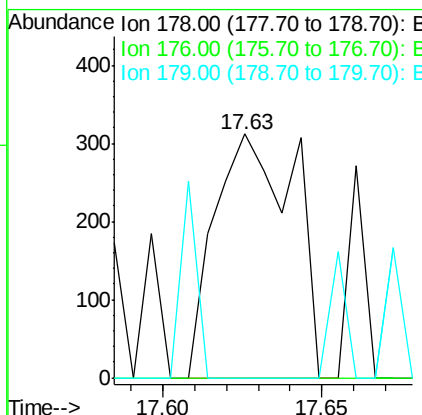
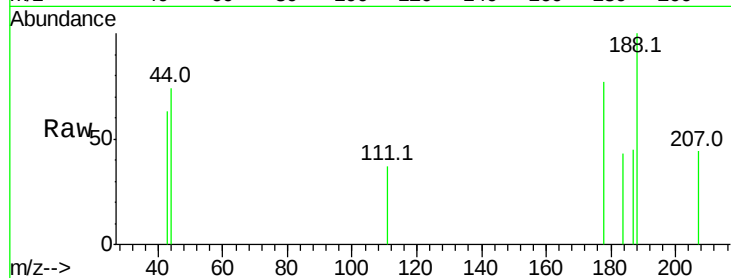




#71
 Anthracene
 Concen: 0.025 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. 0.02 min
 Lab File: BG031472.D
 Acq: 12 Dec 2017 2:35

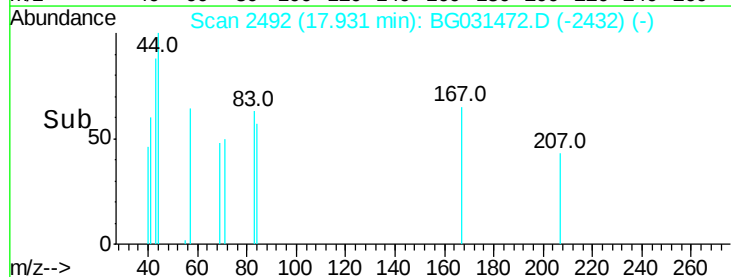
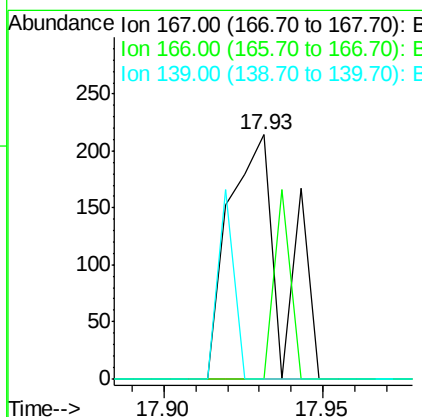
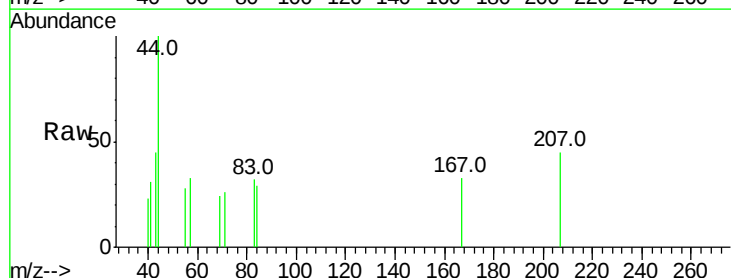
Instrument :
 BNA_G
 ClientSampleId :

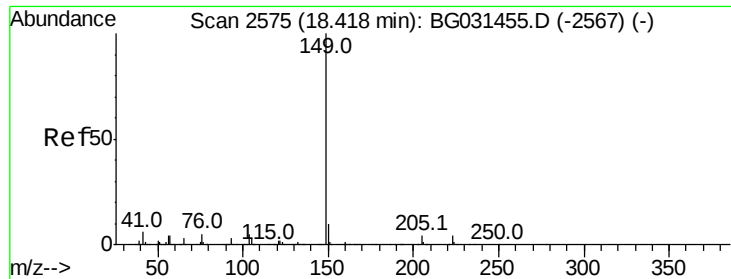
Tot Ion:178 Resp: 540
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 0.0 12.5 18.7#



#72
 Carbazole
 Concen: 0.013 ng
 RT: 17.93 min Scan# 2492
 Delta R.T. 0.05 min
 Lab File: BG031472.D
 Acq: 12 Dec 2017 2:35

Tgt Ion:167 Resp: 252
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 0.138 ng

RT: 18.42 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

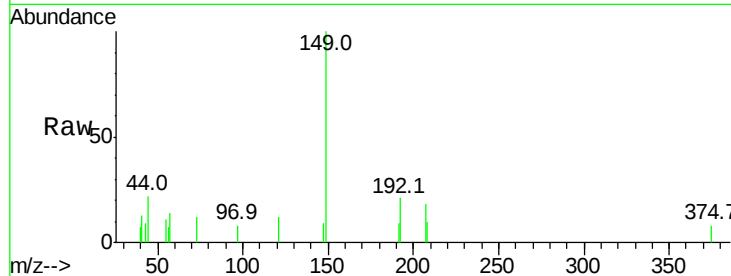
Tot Ion:149 Resp: 3149

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

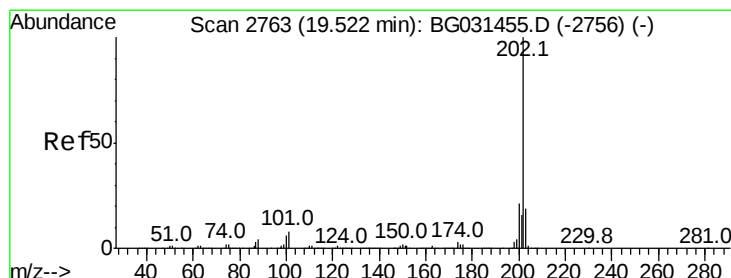
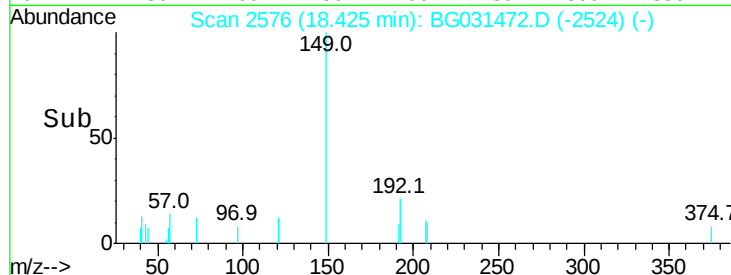
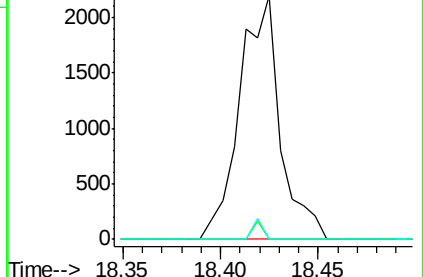
104 0.0 3.9 5.9#



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: 0.324 ng

RT: 19.53 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

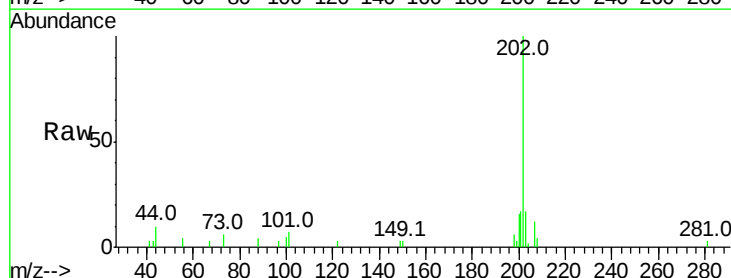
Tgt Ion:202 Resp: 8946

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.9

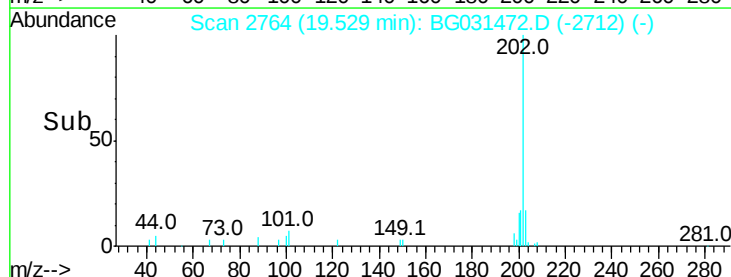
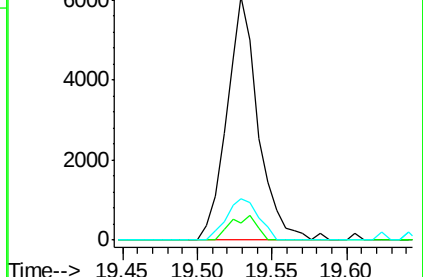
203 16.8 0.0 37.5

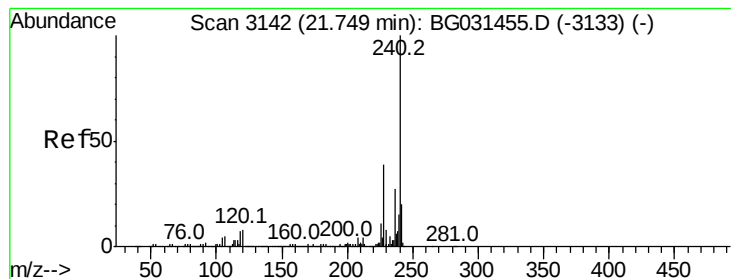


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

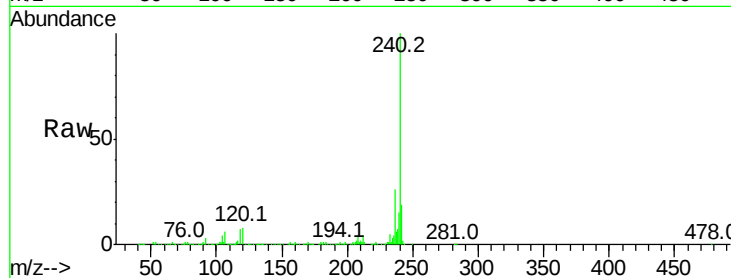
Tot Ion:240 Resp: 517786

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

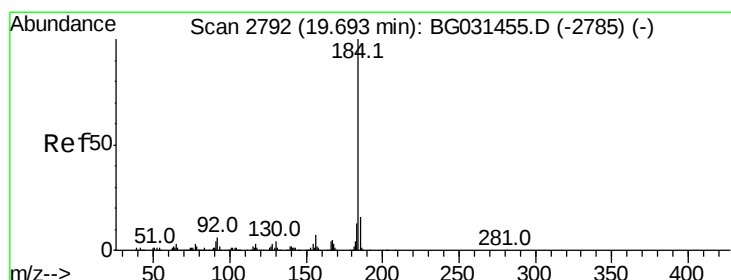
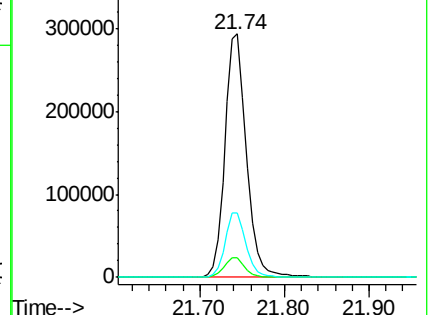
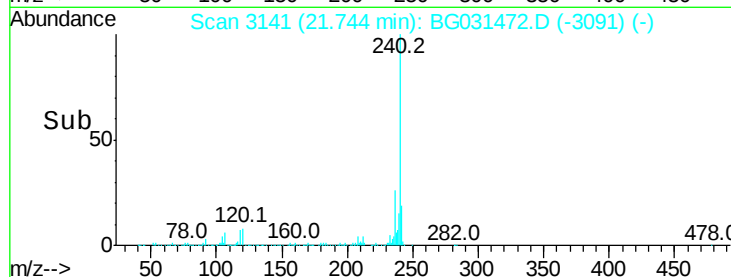
236 26.5 20.9 31.3



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: 0.005 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.21 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

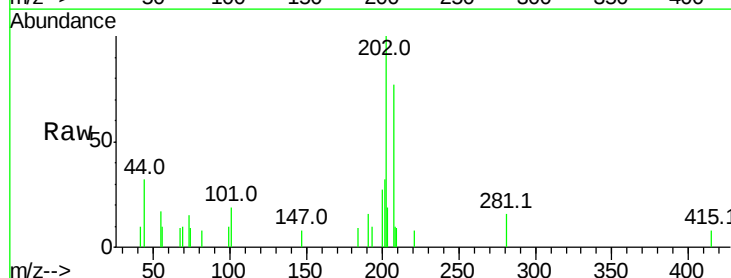
Tgt Ion:184 Resp: 62

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

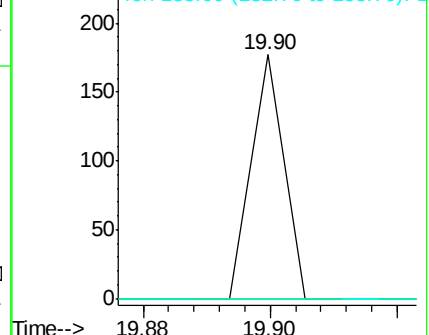
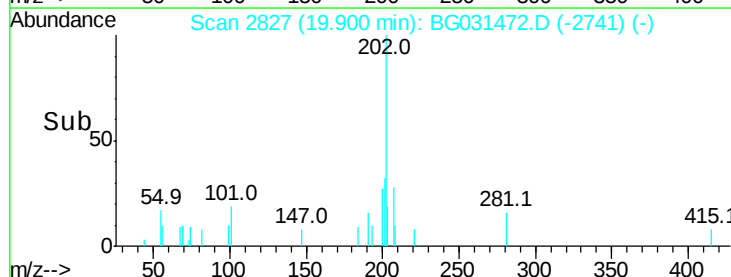
183 0.0 10.6 16.0#

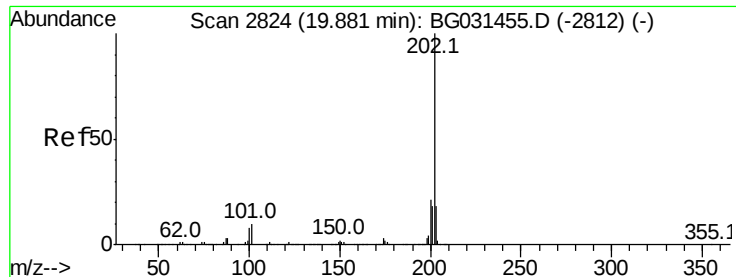


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

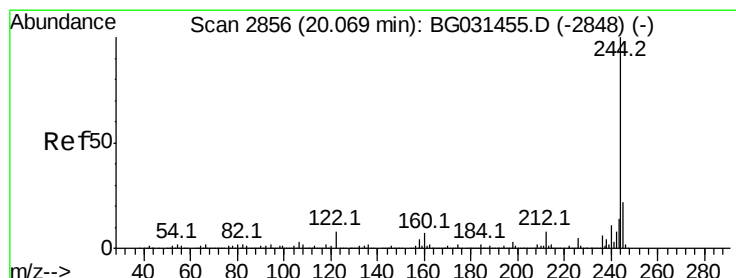
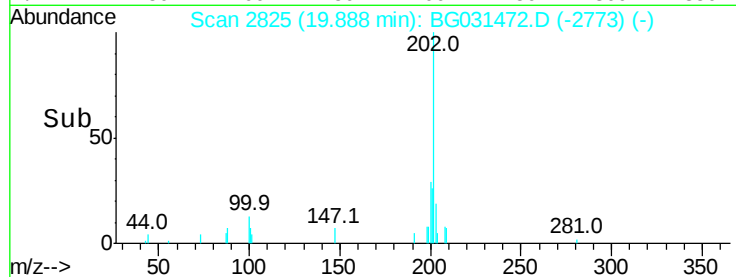
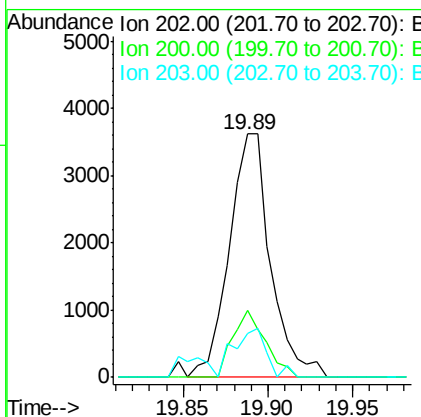
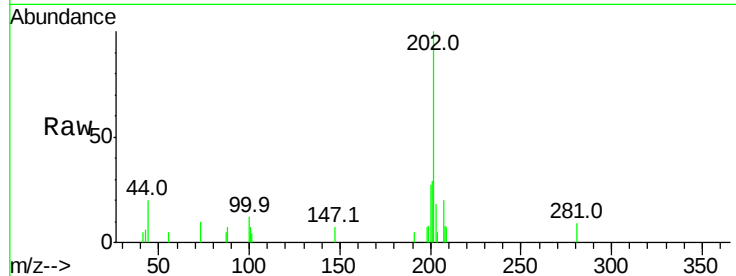




#77
Pvrene
Concen: 0.191 ng
RT: 19.89 min Scan# 2825
Delta R.T. 0.01 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

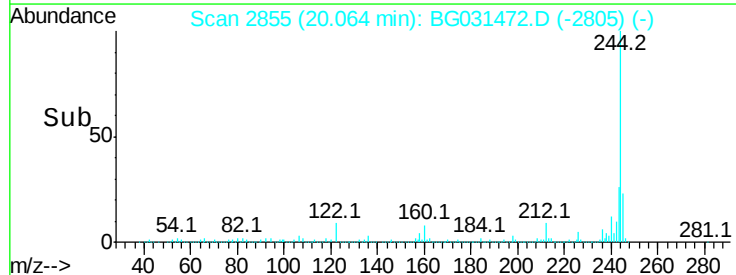
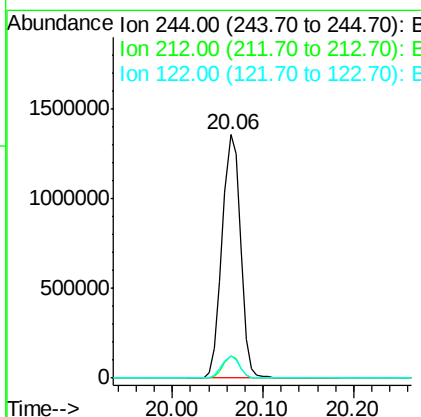
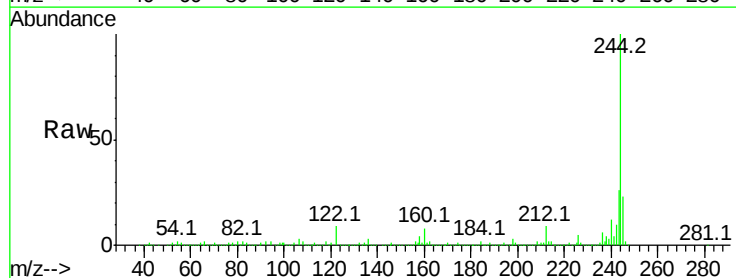
Instrument :
BNA_G
ClientSampleId :

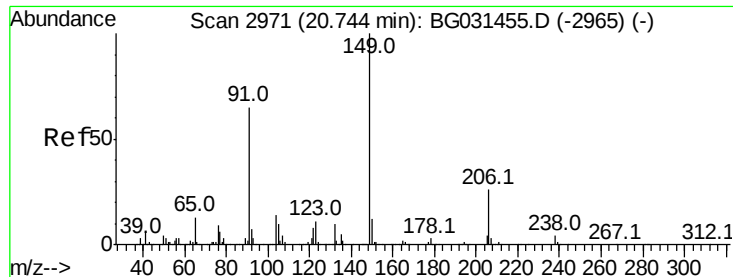
Tot Ion:202 Resp: 6161
Ion Ratio Lower Upper
202 100
200 27.4 16.9 25.3#
203 17.9 13.9 20.9



#78
Terphenyl-d14
Concen: 84.007 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Tgt Ion:244 Resp: 1911839
Ion Ratio Lower Upper
244 100
212 9.1 5.8 8.8#
122 9.2 7.0 10.4

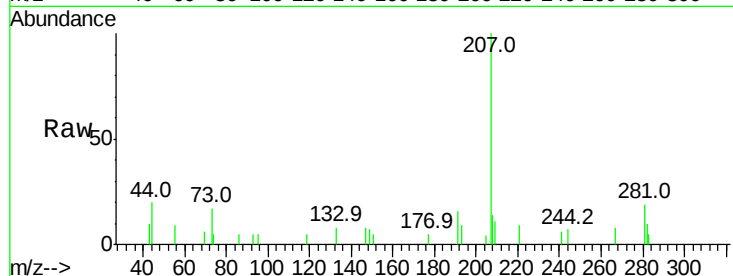




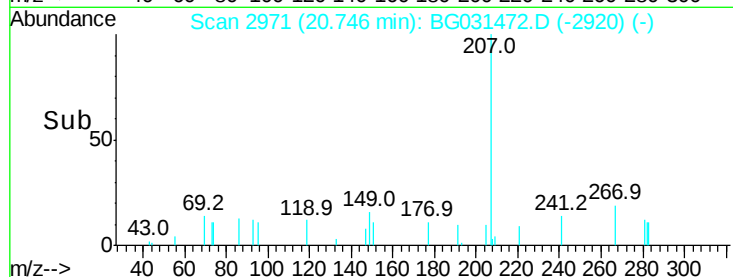
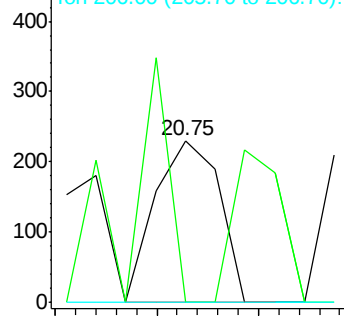
#79
Butylbenzylphthalate
Concen: 0.018 ng
RT: 20.75 min Scan# 2971
Delta R.T. 0.00 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

Instrument :
BNA_G
ClientSampleId :

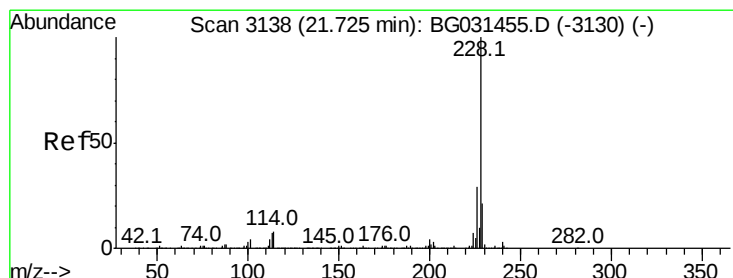
Tot Ion:149 Resp: 204
Ion Ratio Lower Upper
149 100
91 0.0 62.2 93.2#
206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

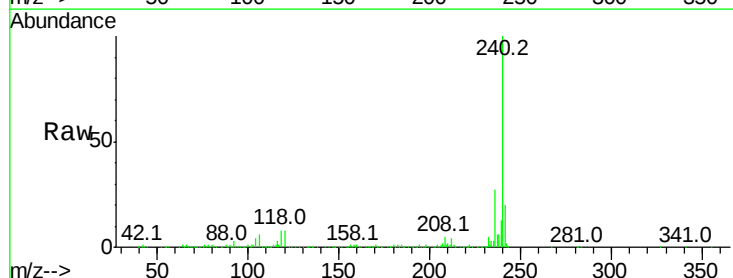


Time--> 20.72 20.74 20.76

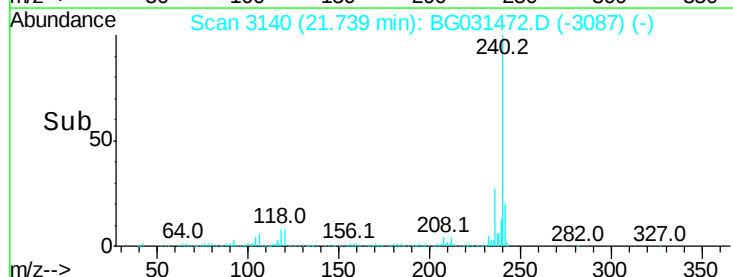
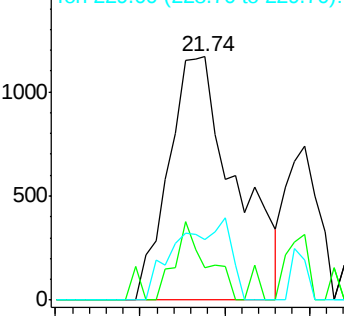


#80
Benzo(a)anthracene
Concen: 0.102 ng
RT: 21.74 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BG031472.D
Acq: 12 Dec 2017 2:35

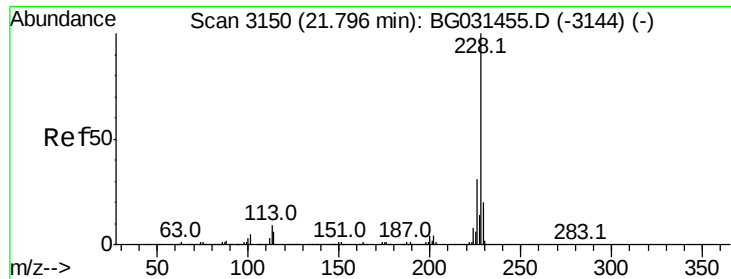
Tgt Ion:228 Resp: 3198
Ion Ratio Lower Upper
228 100
226 13.5 22.7 34.1#
229 24.6 16.2 24.2#



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



Time--> 21.65 21.70 21.75 21.80



#82

Chrysene

Concen: 0.035 ng

RT: 21.80 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampled :

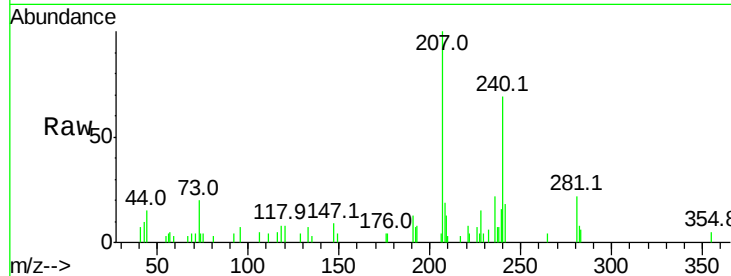
Tot Ion:228 Resp: 1034

Ion Ratio Lower Upper

228 100

226 42.9 24.9 37.3#

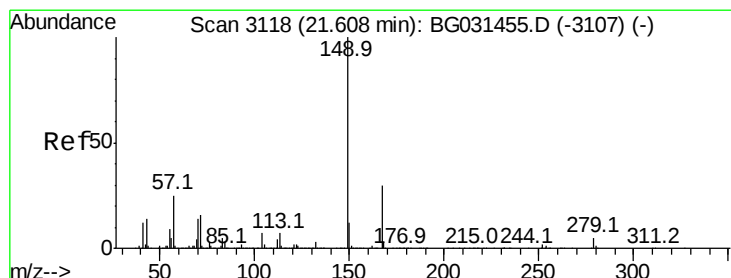
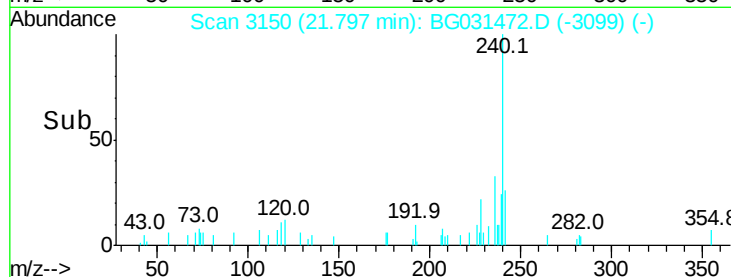
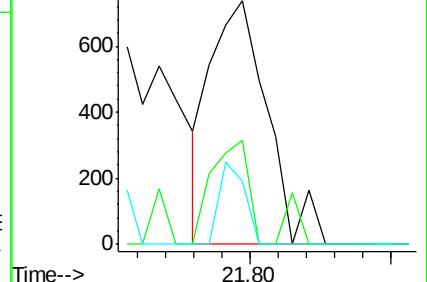
229 26.1 15.0 22.4#



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: 0.065 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

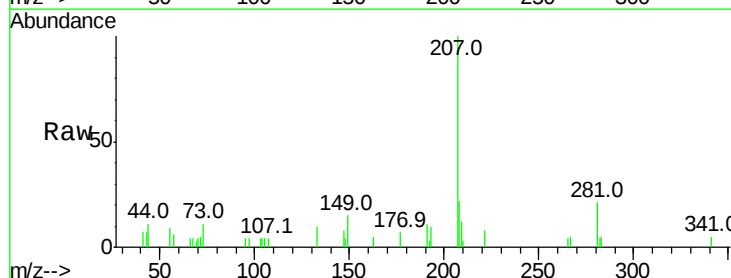
Tgt Ion:149 Resp: 1060

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

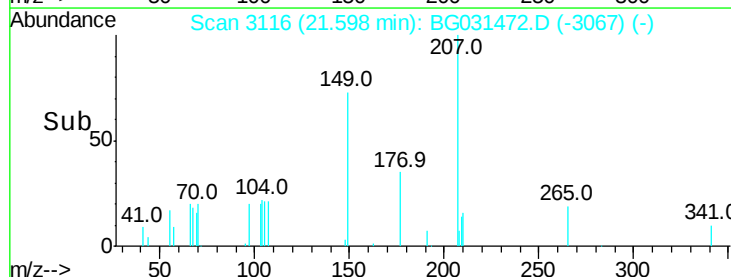
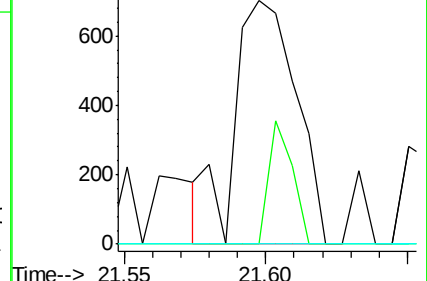
279 0.0 4.0 6.0#

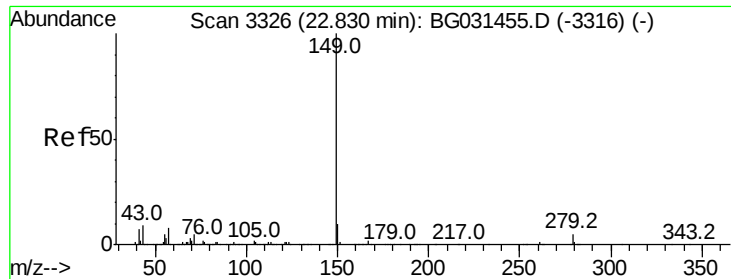


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.002 ng

RT: 22.83 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampled :

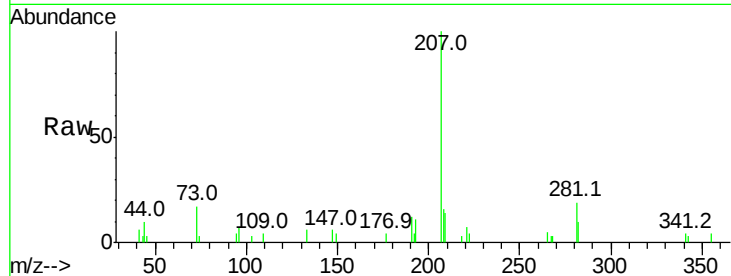
Tot Ion:149 Resp: 64

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

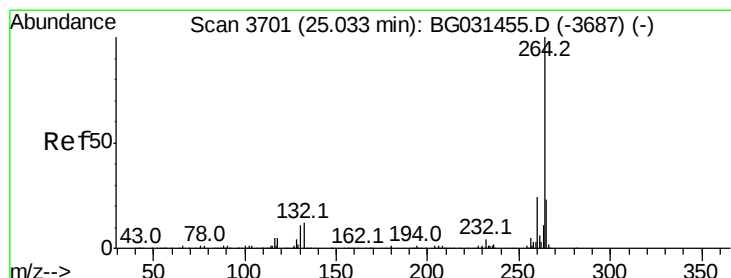
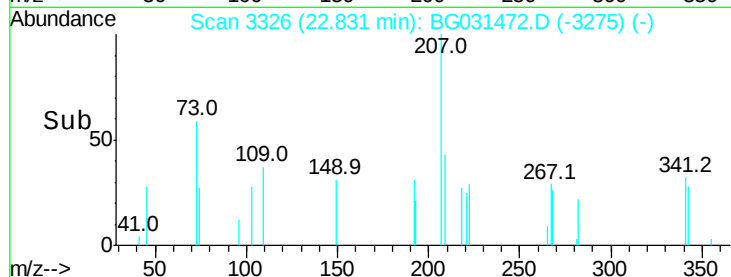
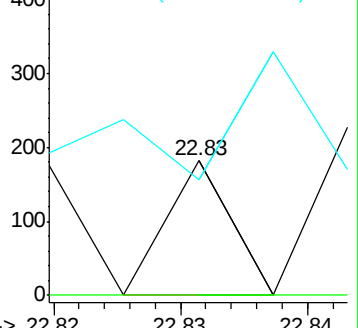
43 335.9 8.9 13.3#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

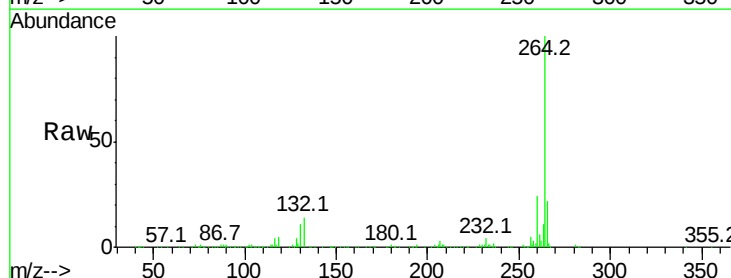
Tgt Ion:264 Resp: 483649

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

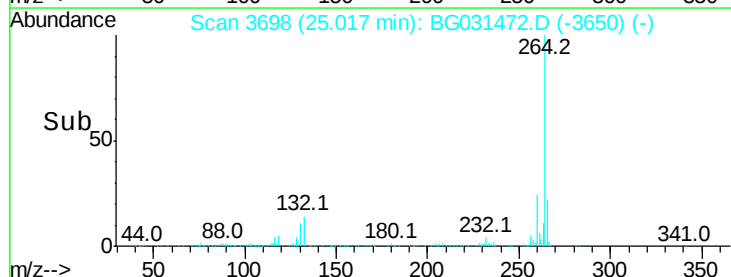
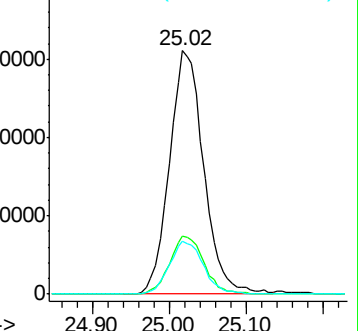
265 21.8 17.7 26.5

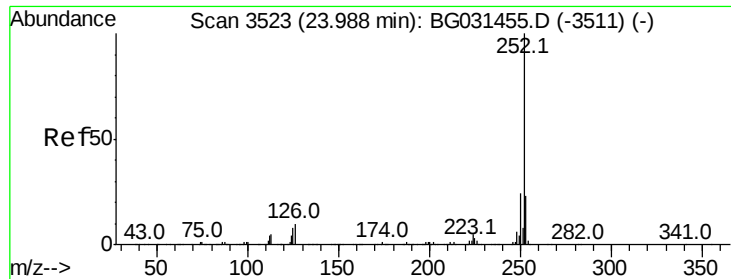


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.99 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :

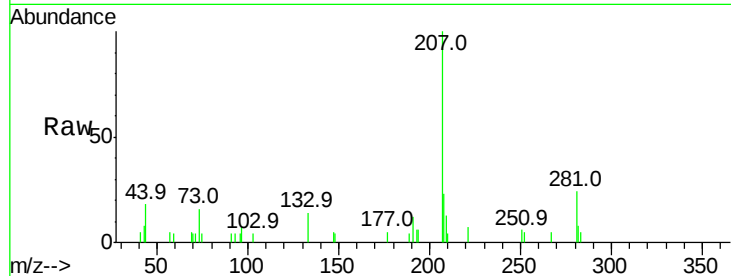
Tot Ion:252 Resp: 164

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

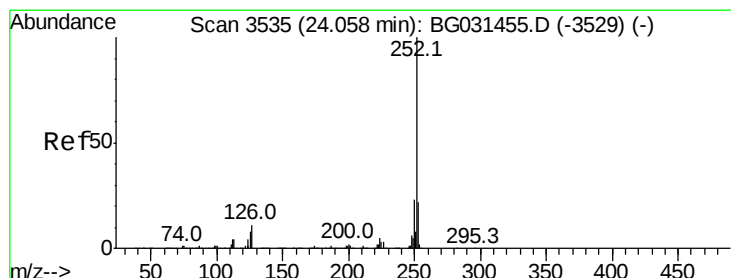
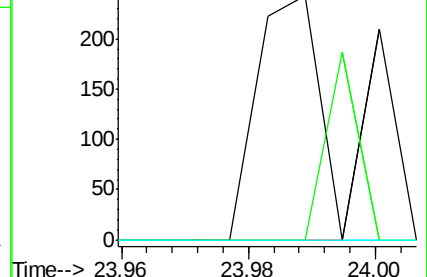
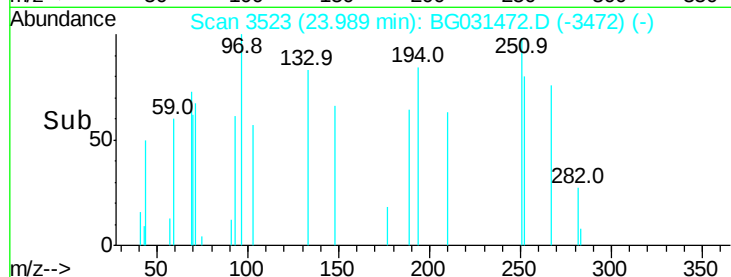
125 0.0 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 0.019 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.05 min

Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

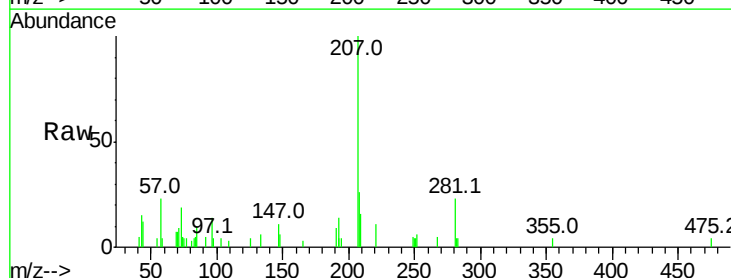
Tgt Ion:252 Resp: 554

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

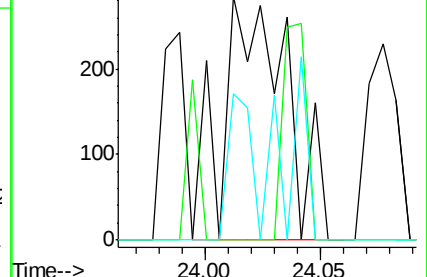
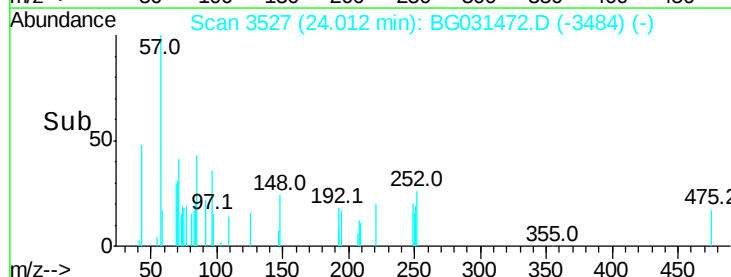
125 60.0 6.6 9.8#

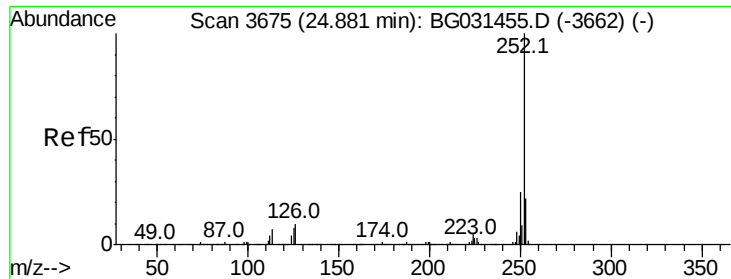


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.004 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.02 min

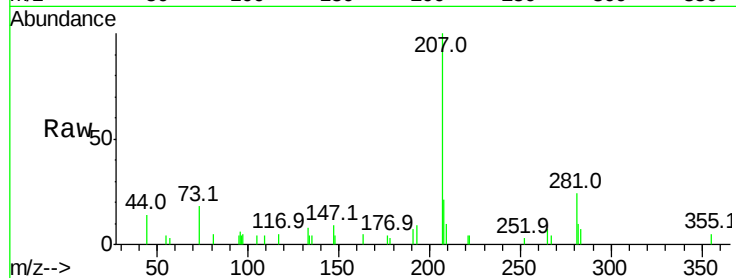
Lab File: BG031472.D

Acq: 12 Dec 2017 2:35

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	112
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#

