

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031470.D
 Acq On : 12 Dec 2017 1:20
 Operator : SJ/JU
 Sample : I6762-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 03:53:58 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	52902	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	218743	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	144468	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	396687	20.00	ng	0.00
75) Chrysene-d12	21.74	240	499406	20.00	ng	0.00
86) Perylene-d12	25.03	264	472827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	140153	46.96	ng	0.00
7) Phenol-d6	7.28	99	111312	26.87	ng	0.00
23) Nitrobenzene-d5	9.27	82	344853	97.17	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	179355	105.97	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1005513	102.17	ng	0.00
78) Terphenyl-d14	20.07	244	1897097	86.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	150	0.105	ng	# 1
3) Pyridine	3.92	79	55	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	240	0.136	ng	# 1
6) Aniline	7.29	93	58	0.011	ng	# 1
8) 2-Chlorophenol	7.64	128	59	0.018	ng	# 1
9) Benzaldehyde	7.31	77	59	0.025	ng	# 5
10) Phenol	7.30	94	3367	0.791	ng	# 49
11) bis(2-Chloroethyl)ether	7.64	93	332	0.096	ng	# 1
15) Benzyl Alcohol	8.43	79	5434	1.677	ng	# 32
24) Nitrobenzene	9.27	77	1184	0.326	ng	# 44
25) Isophorone	9.76	82	147	0.022	ng	# 69
31) Naphthalene	10.98	128	4048	0.377	ng	# 68
33) 4-Chloroaniline	10.98	127	345	0.074	ng	# 56
37) 2-Methylnaphthalene	12.59	142	1001	0.120	ng	# 64
45) 1,1'-Biphenyl	13.59	154	431	0.036	ng	# 43
49) Dimethylphthalate	14.20	163	11102	0.928	ng	100
50) 2,6-Dinitrotoluene	14.20	165	64	0.025	ng	# 18
51) Acenaphthene	14.80	154	2702	0.306	ng	84
54) Dibenzofuran	15.16	168	2810	0.199	ng	96
55) 4-Nitrophenol	15.16	139	869	4.014	ng	# 1
56) 2,4-Dinitrotoluene	14.88	165	57	0.016	ng	# 16
57) Fluorene	15.79	166	2795	0.247	ng	# 90
59) Diethylphthalate	15.54	149	2825	0.236	ng	96
62) Azobenzene	16.22	77	893	0.090	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.05	198	55	4.930	ng	# 29
65) n-Nitrosodiphenylamine	16.21	169	6780	0.584	ng	# 48
70) Phenanthrene	17.52	178	10395	0.502	ng	97
71) Anthracene	17.52	178	10395	0.507	ng	96
72) Carbazole	17.92	167	1169	0.063	ng	# 59
73) Di-n-butylphthalate	18.42	149	1091	0.051	ng	# 78
74) Fluoranthene	19.53	202	6587	0.254	ng	95
77) Pyrene	19.89	202	5121	0.165	ng	# 93
79) Butylbenzylphthalate	20.75	149	336	0.031	ng	# 20
80) Benzo(a)anthracene	21.73	228	1954	0.065	ng	# 69

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
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Sample : I6762-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 12 03:53:58 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

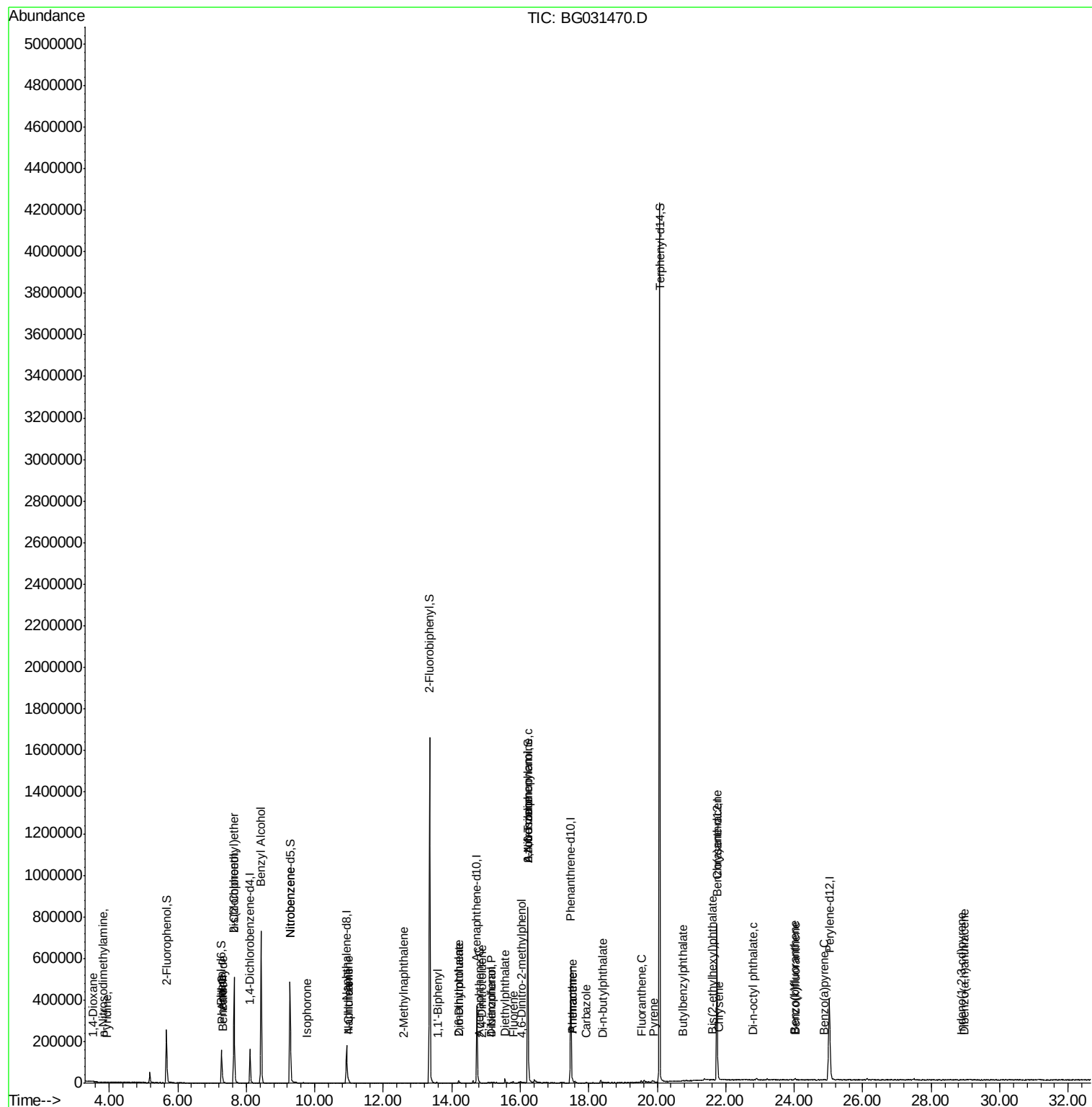
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.80	228	468	0.016	nq	# 49
83) Bis(2-ethylhexyl)phthalate	21.60	149	1924	0.123	nq	# 96
84) Di-n-octyl phthalate	22.81	149	269	0.010	nq	# 1
85) Indeno(1,2,3-cd)pyrene	28.88	276	116	0.004	nq	# 53
87) Benzo(b)fluoranthene	24.00	252	379	0.013	nq	# 15
88) Benzo(k)fluoranthene	24.05	252	202	0.007	nq	# 60
89) Benzo(a)pyrene	24.87	252	71	0.003	nq	# 59
90) Dibenzo(a,h)anthracene	28.97	278	54	0.002	nq	# 58

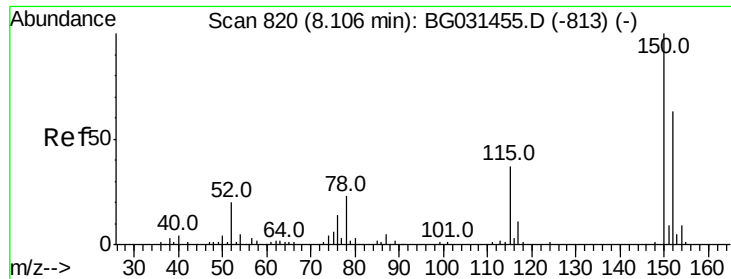
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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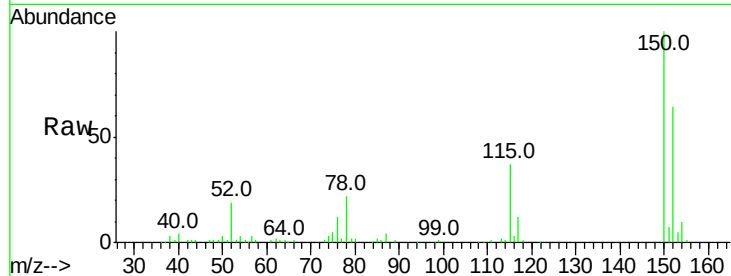


#1

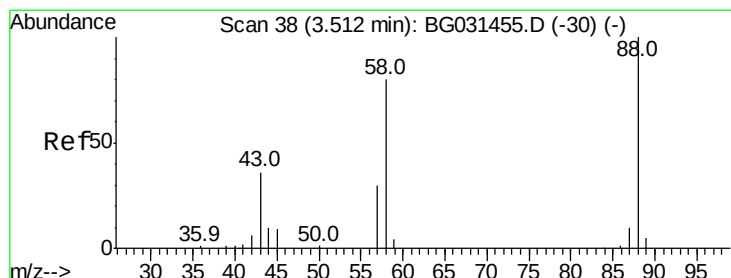
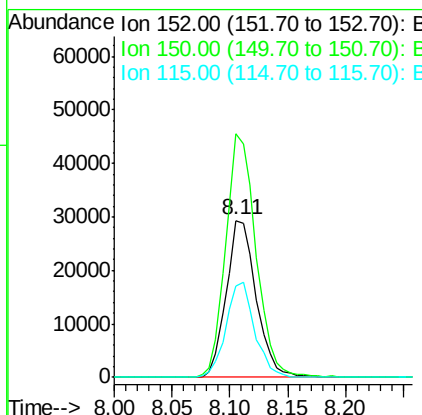
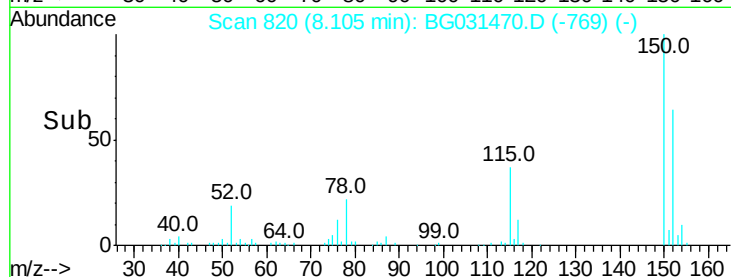
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52902
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 57.8 53.0 79.4



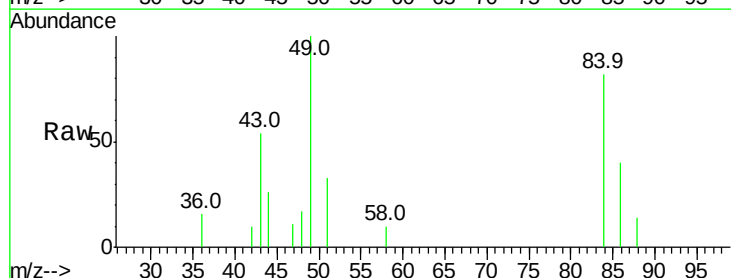
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



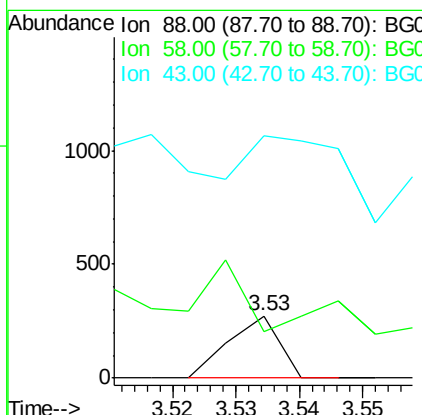
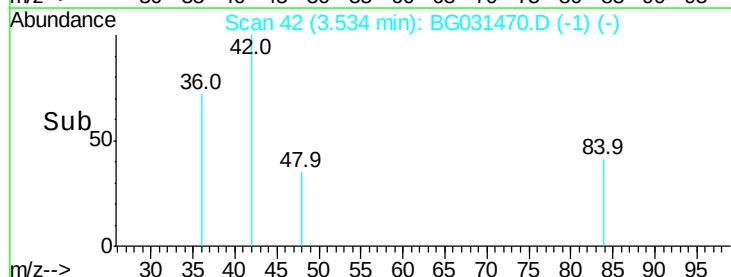
#2

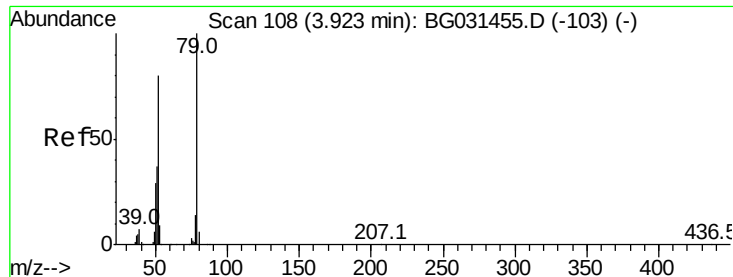
1,4-Dioxane
Concen: 0.105 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.02 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
58 0.0 79.6 119.4#
43 250.0 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





#3

Pvridine

Concen: 0.015 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

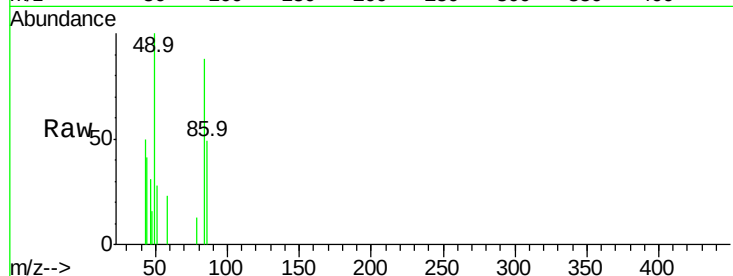
Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

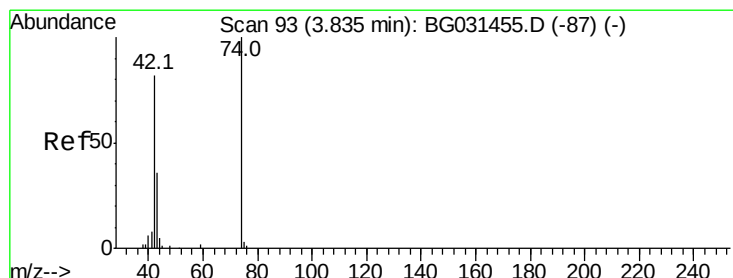
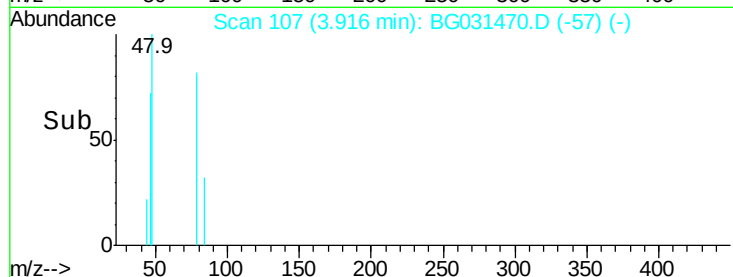
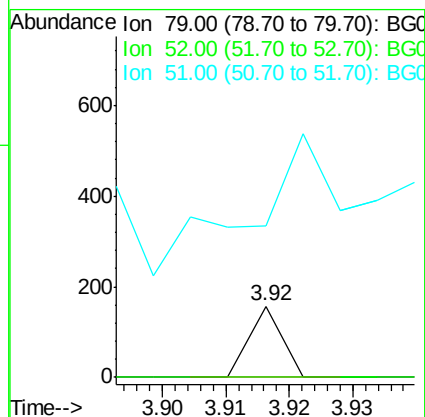
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	79	Resp:	55
Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.9	104.9#
51	212.7	34.0	51.0#



#4

n-Nitrosodimethylamine

Concen: 0.136 ng

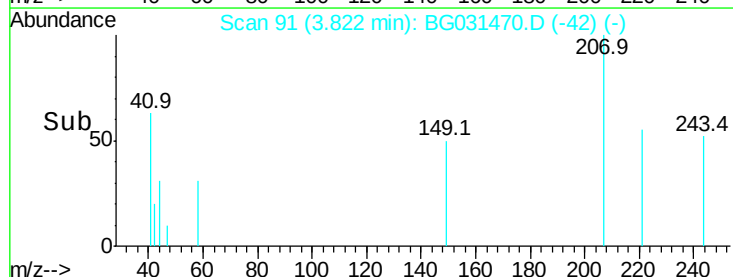
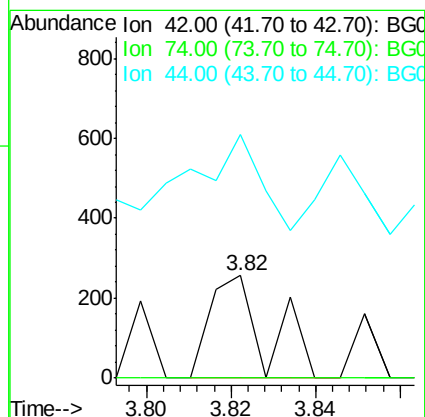
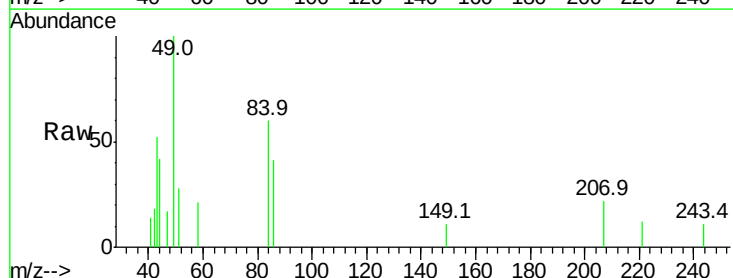
RT: 3.82 min Scan# 91

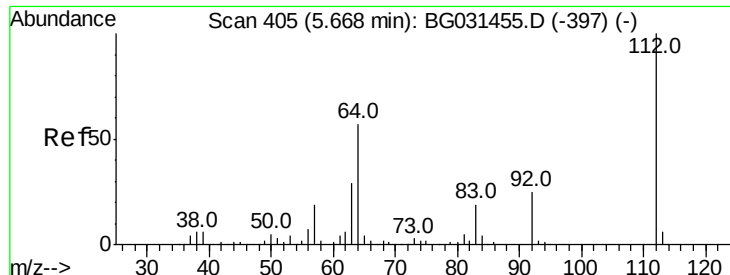
Delta R.T. -0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Tgt Ion:	42	Resp:	240
Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	237.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 46.959 ng

RT: 5.67 min Scan# 405

Delta R.T. 0.00 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampled :

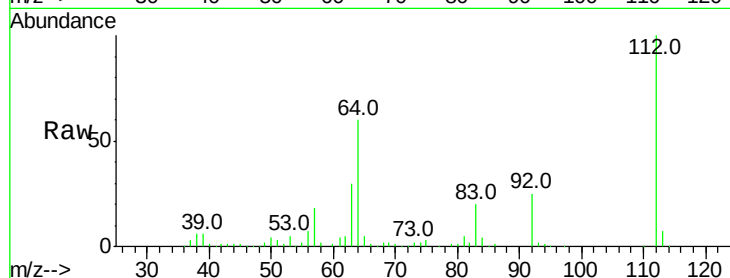
Tot Ion:112 Resp: 140153

Ion Ratio Lower Upper

112 100

64 59.6 56.3 84.5

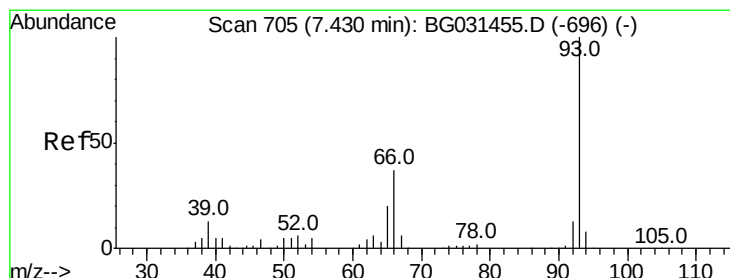
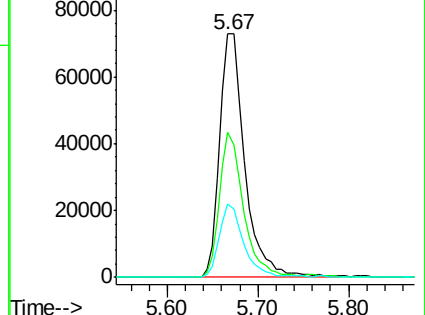
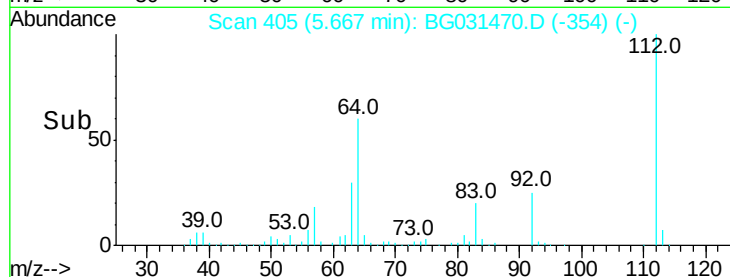
63 30.2 30.1 45.1



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: 0.011 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.14 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

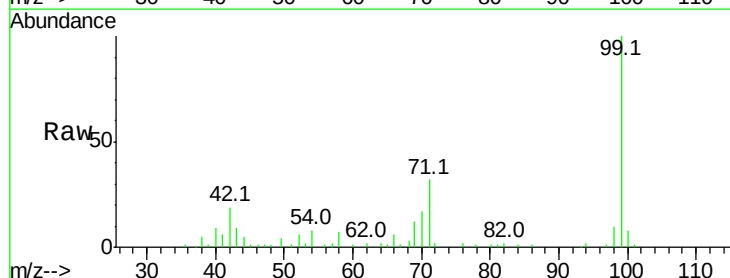
Tgt Ion: 93 Resp: 58

Ion Ratio Lower Upper

93 100

66 1223.2 33.7 50.5#

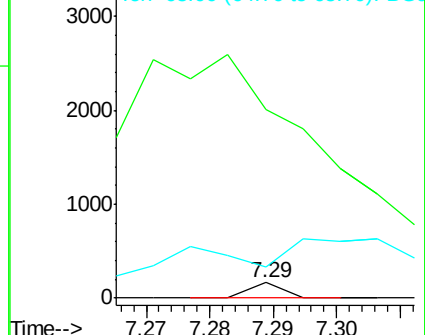
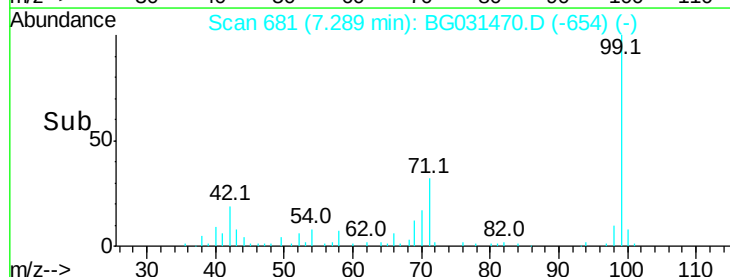
65 199.4 16.1 24.1#

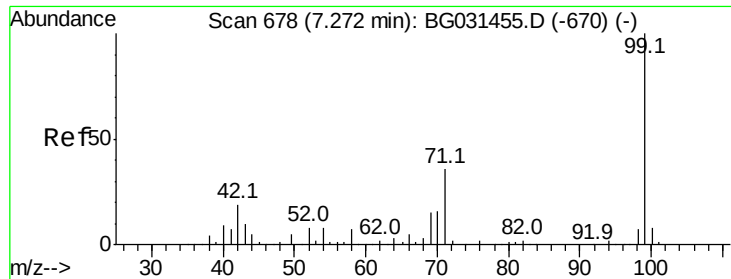


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 26.866 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

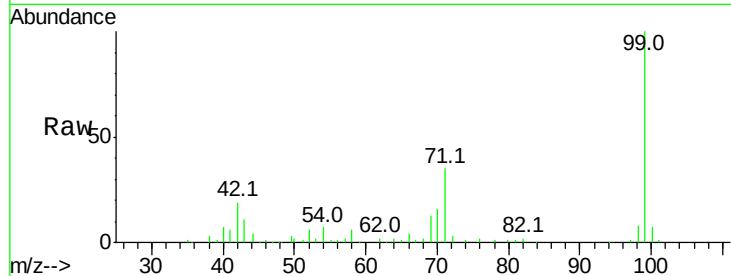
Tot Ion: 99 Resp: 111312

Ion Ratio Lower Upper

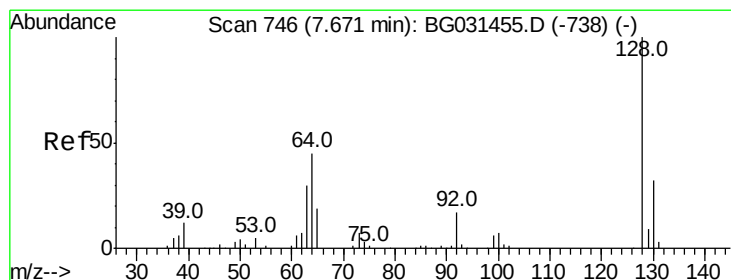
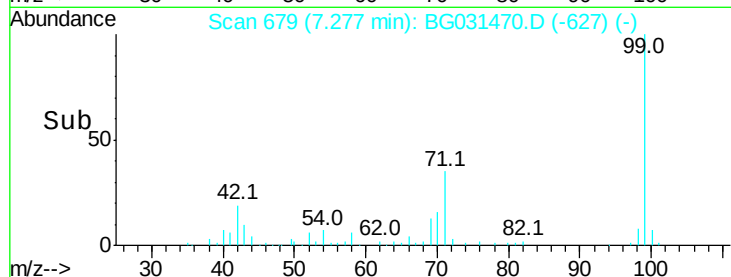
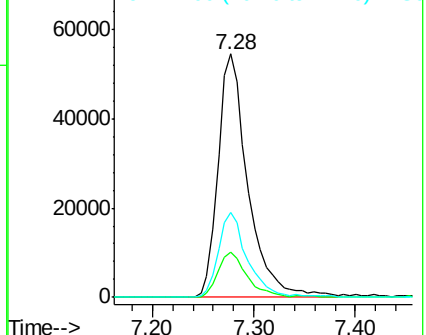
99 100

42 18.8 14.1 21.1

71 34.7 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



#8

2-Chlorophenol

Concen: 0.018 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.03 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

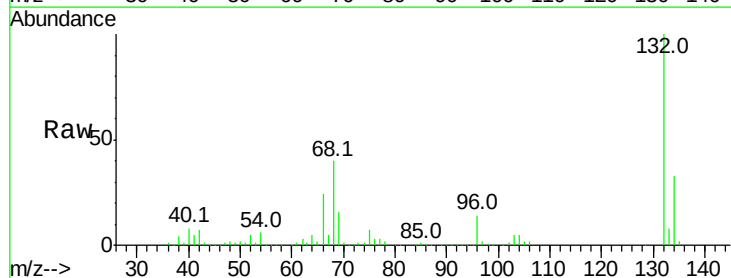
Tgt Ion: 128 Resp: 59

Ion Ratio Lower Upper

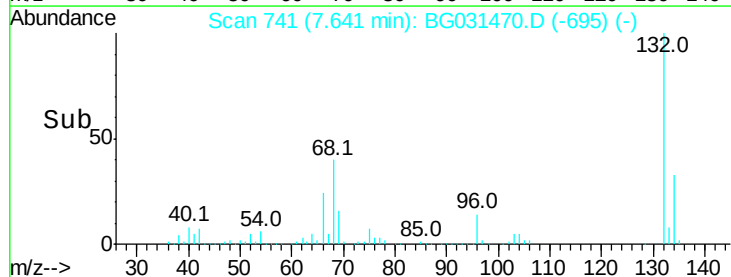
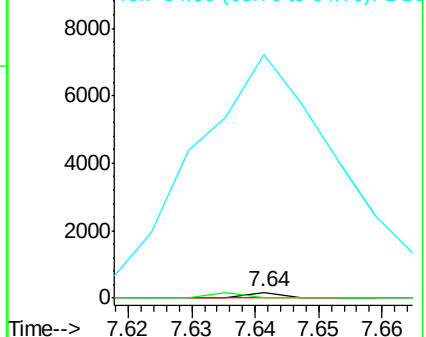
128 100

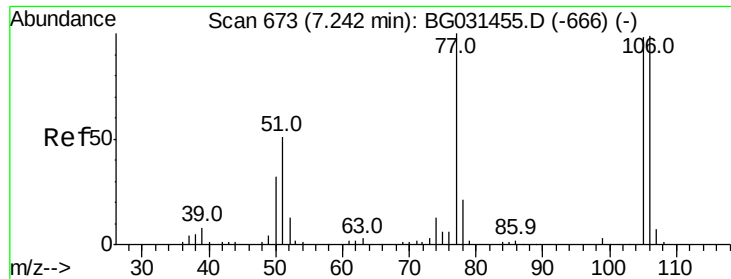
130 0.0 14.0 54.0#

64 4297.6 37.7 77.7#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

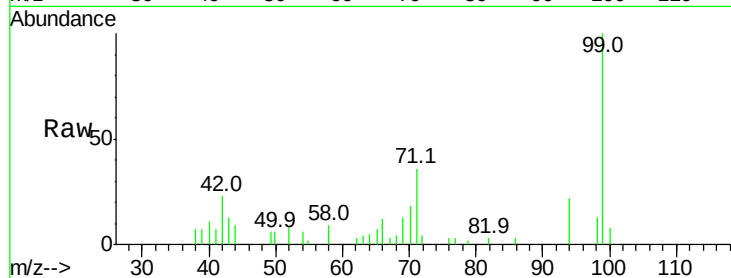




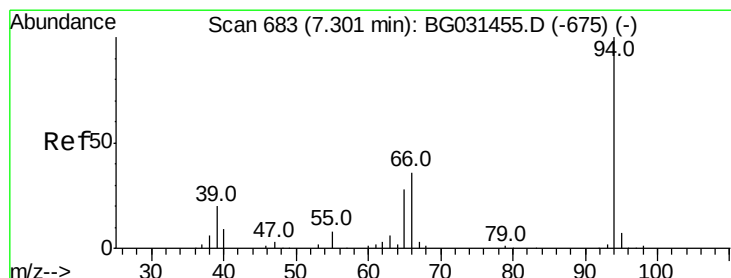
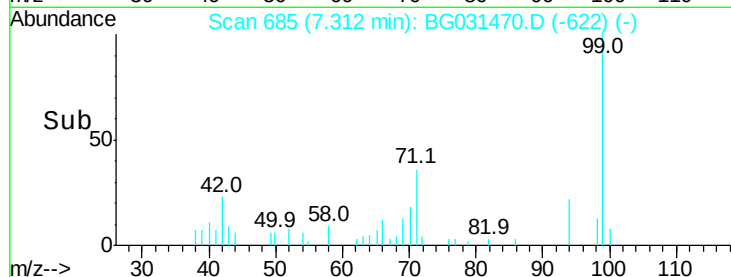
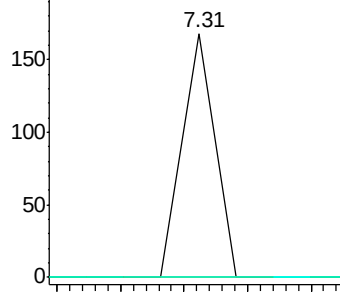
#9
Benzaldehyde
Concen: 0.025 ng
RT: 7.31 min Scan# 685
Delta R.T. 0.07 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 59
Ion Ratio Lower Upper
77 100
105 0.0 71.3 111.3#
106 0.0 64.2 104.2#

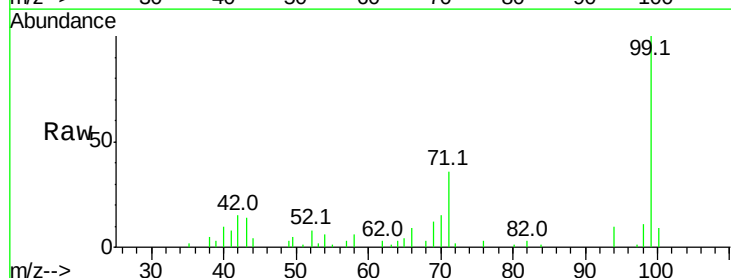


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

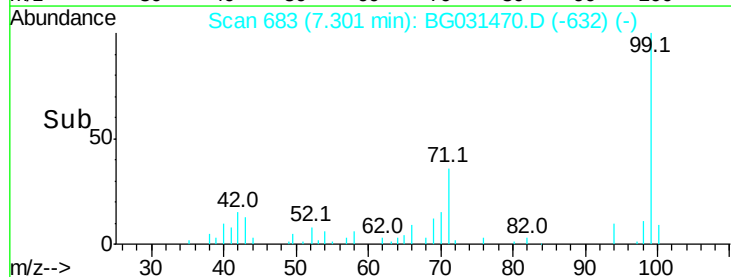
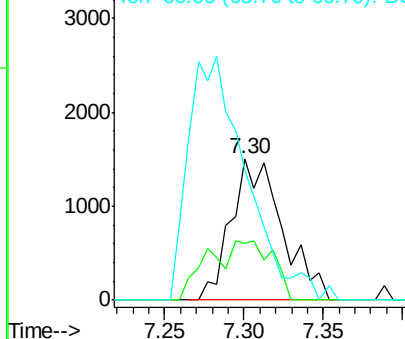


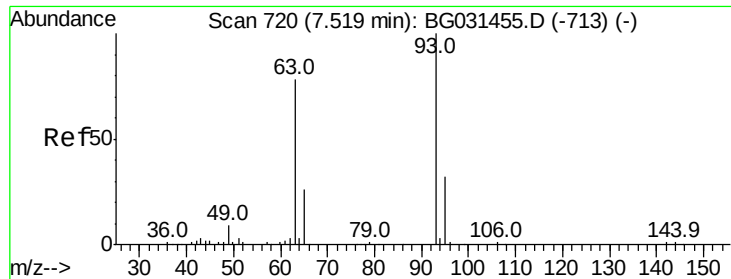
#10
Phenol
Concen: 0.791 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Tgt Ion: 94 Resp: 3367
Ion Ratio Lower Upper
94 100
65 40.2 11.9 51.9
66 91.5 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: 0.096 ng

RT: 7.64 min Scan# 740

Delta R.T. 0.12 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampled :

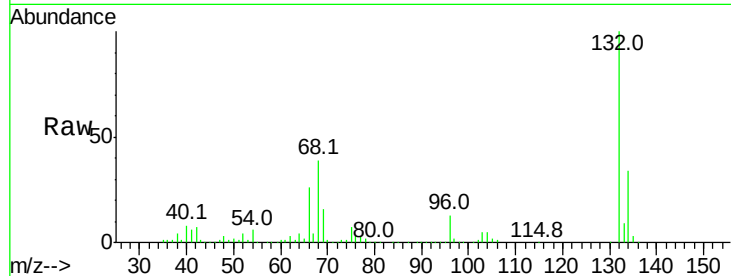
Tot Ion: 93 Resp: 332

Ion Ratio Lower Upper

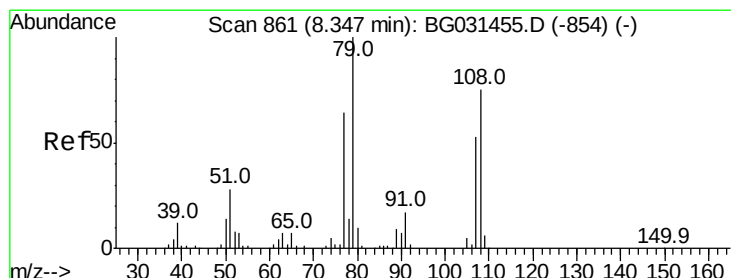
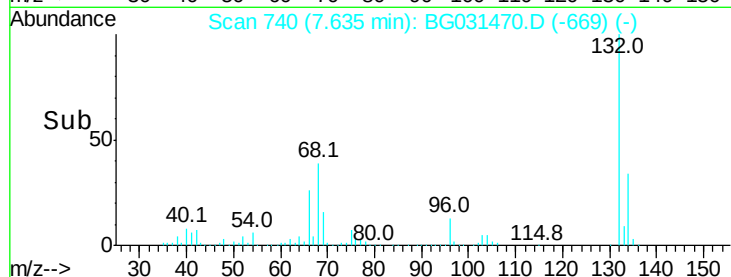
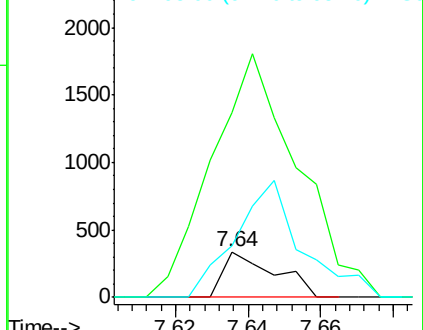
93 100

63 406.8 67.1 107.1#

95 113.9 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: 1.677 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.08 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

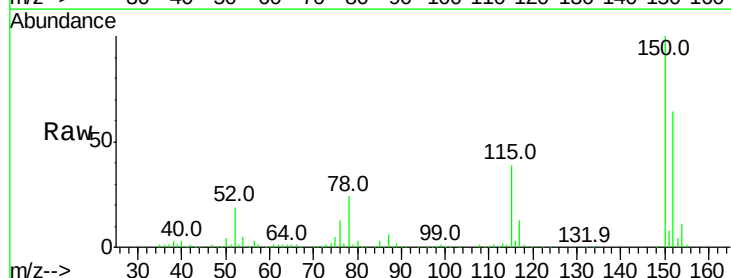
Tgt Ion: 79 Resp: 5434

Ion Ratio Lower Upper

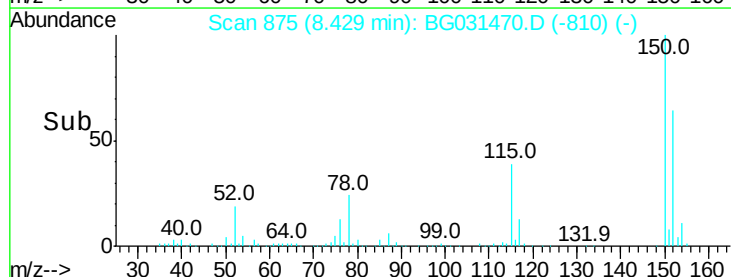
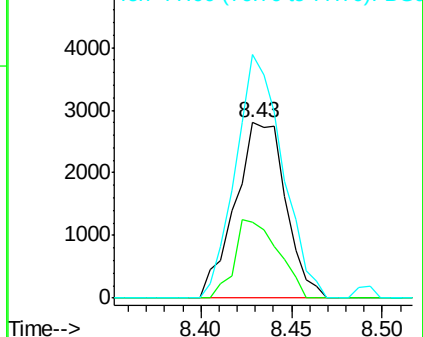
79 100

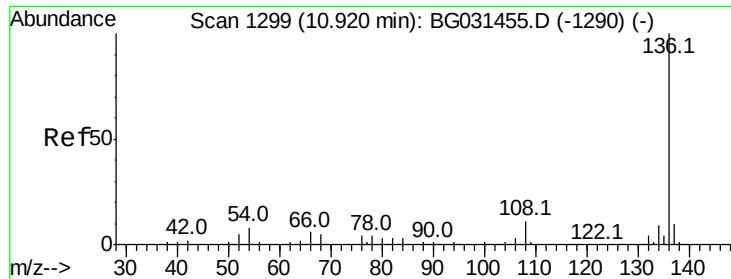
108 43.3 57.2 85.8#

77 139.0 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

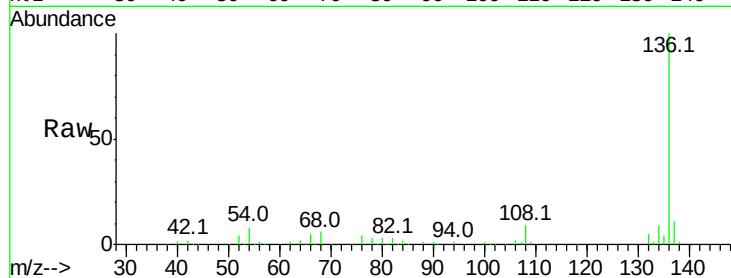




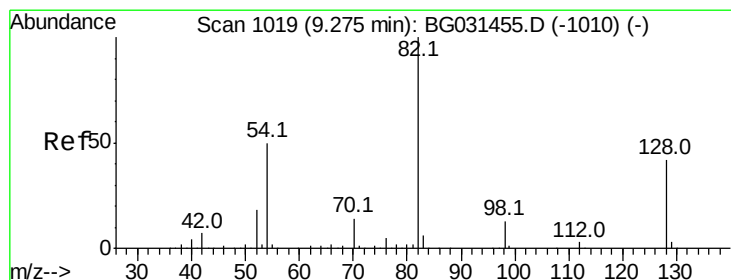
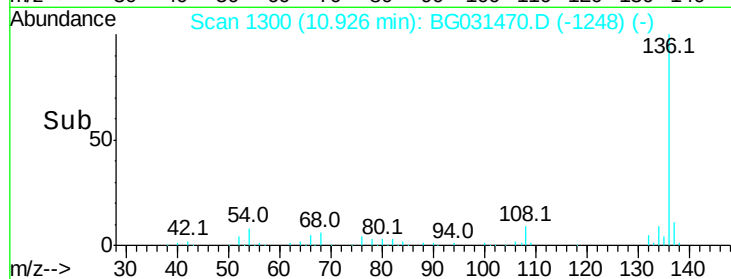
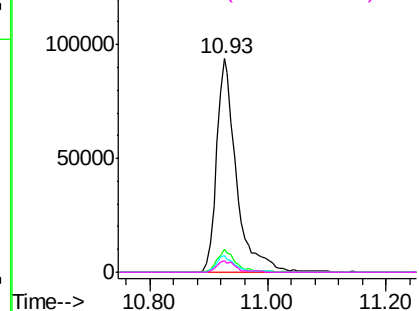
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.6	10.3	15.5
68	5.5	4.5	6.7

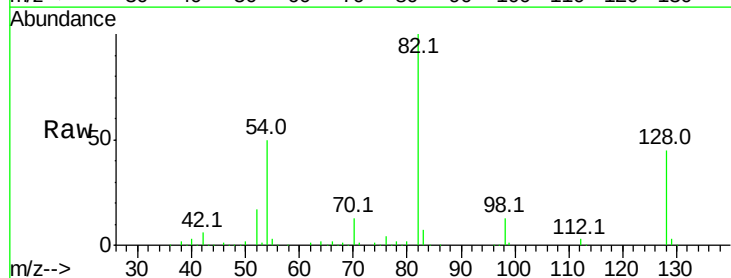


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

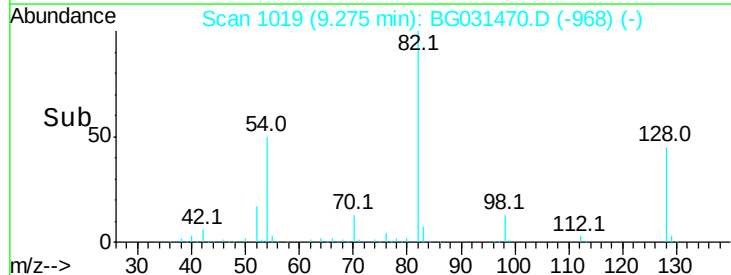
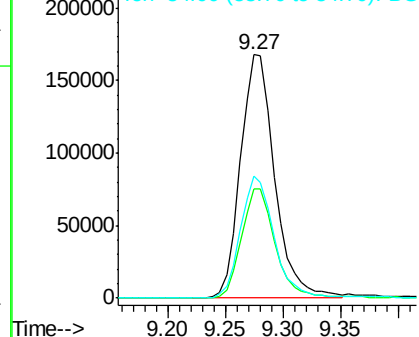


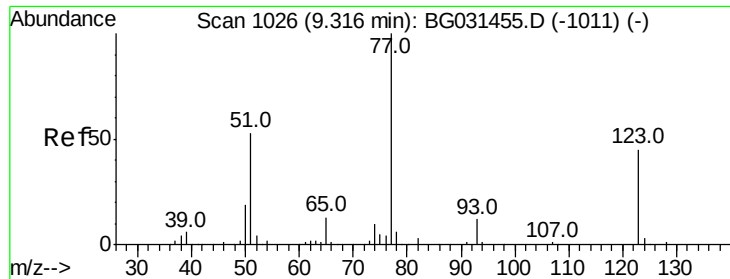
#23
Nitrobenzene-d5
Concen: 97.172 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.7	44.5
54	50.1	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

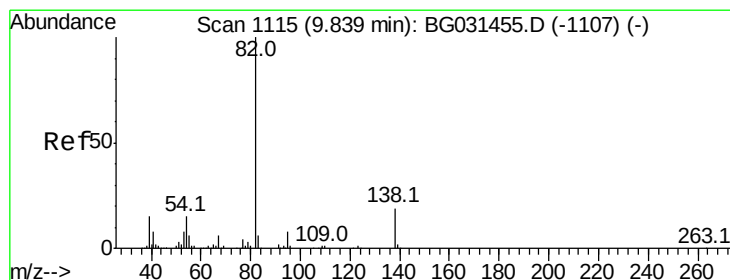
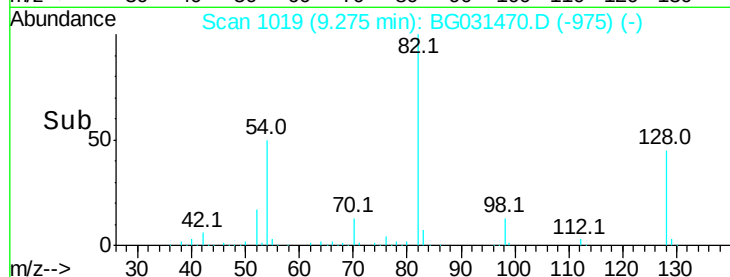
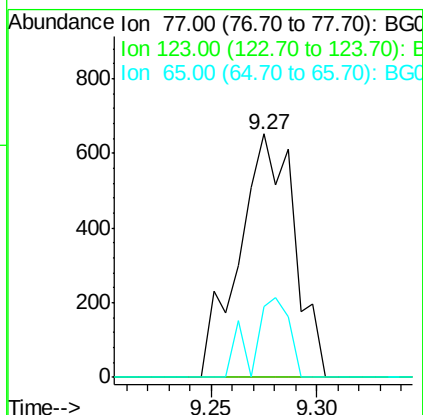
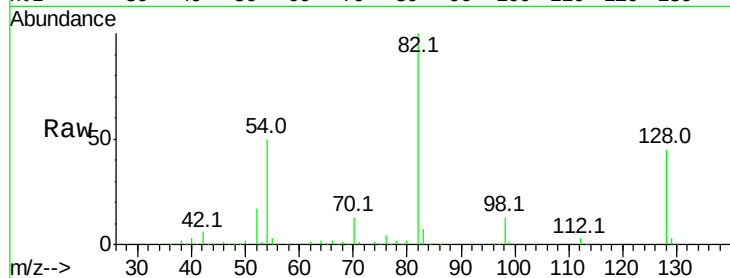




#24
 Nitrobenzene
 Concen: 0.326 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.04 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

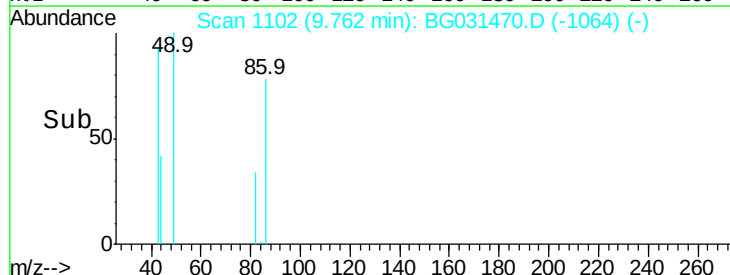
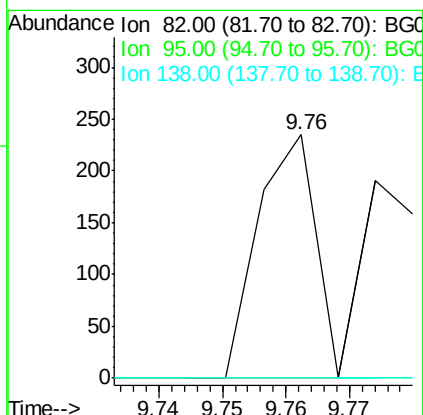
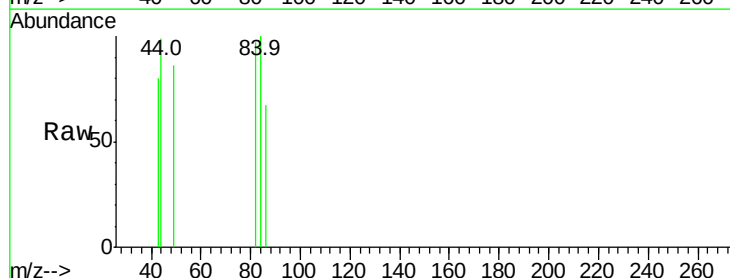
Instrument :
 BNA_G
 ClientSampleId :

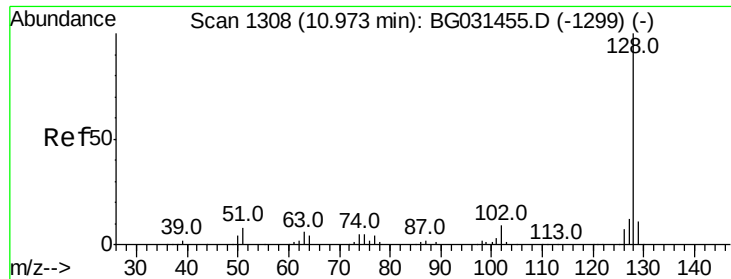
Tot Ion: 77 Resp: 1184
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 29.1 13.0 19.6#



#25
 Isophorone
 Concen: 0.022 ng
 RT: 9.76 min Scan# 1102
 Delta R.T. -0.08 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Tgt Ion: 82 Resp: 147
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.2 9.2#
 138 0.0 12.1 18.1#

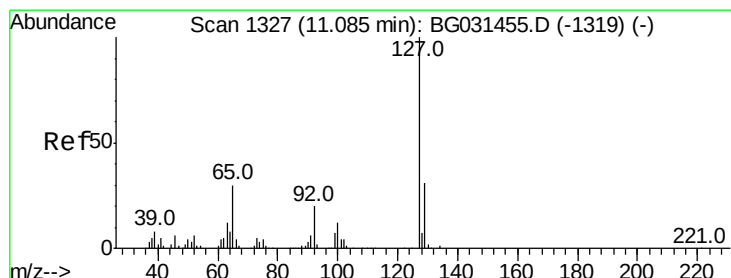
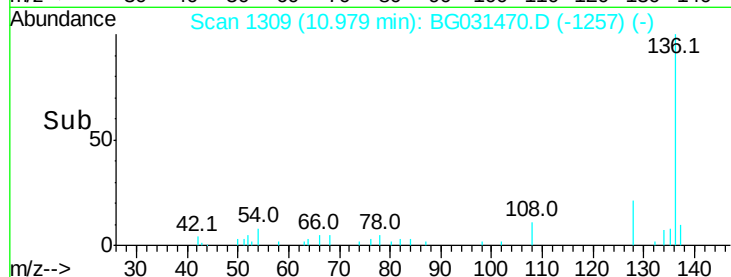
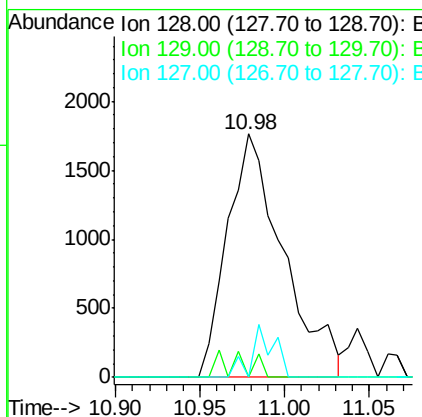
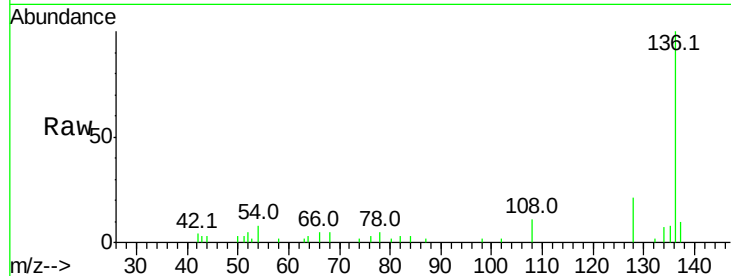




#31
Naphthalene
Concen: 0.377 ng
RT: 10.98 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

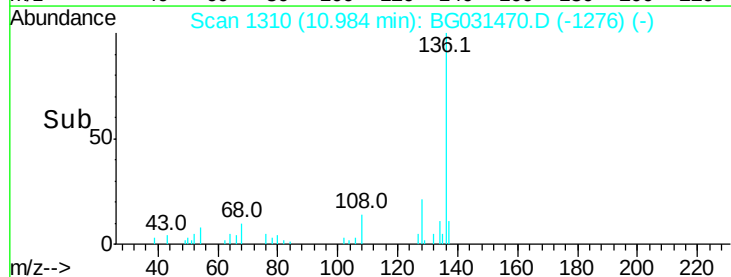
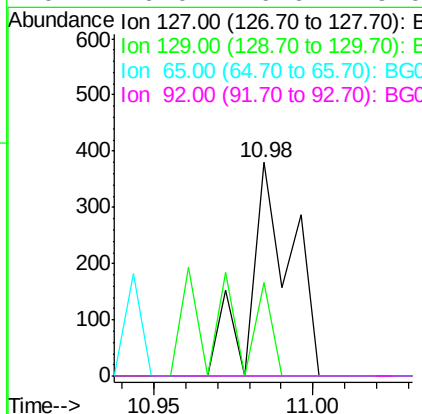
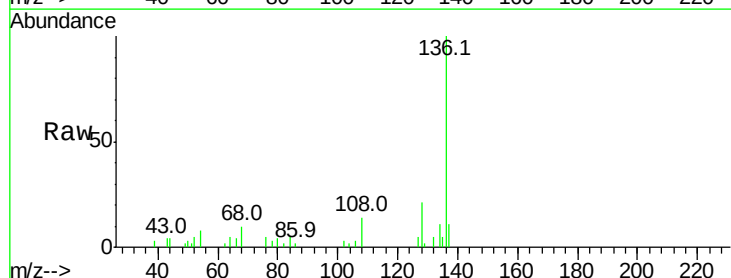
Instrument :
BNA_G
ClientSampleId :

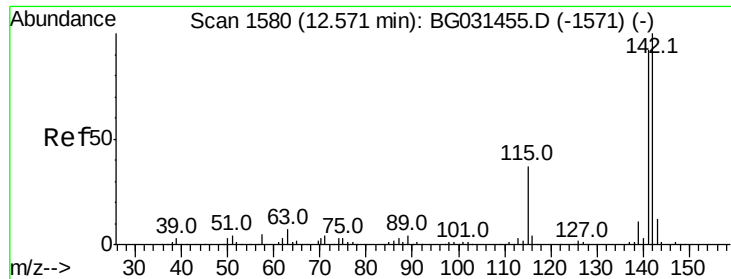
Tot Ion:128 Resp: 4048
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#



#33
4-Chloroaniline
Concen: 0.074 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.10 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Tgt Ion:127 Resp: 345
Ion Ratio Lower Upper
127 100
129 43.9 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#

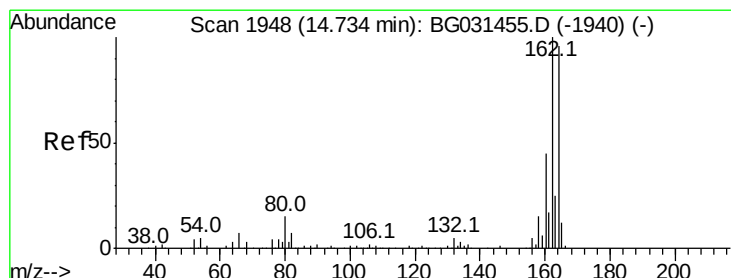
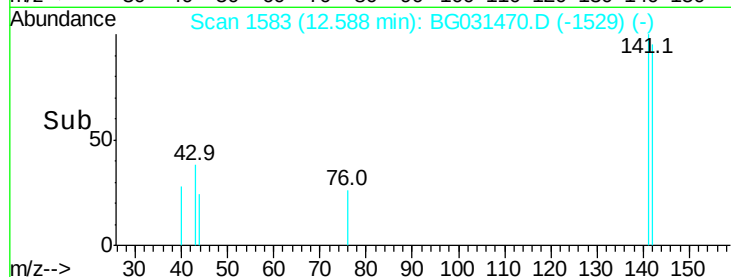
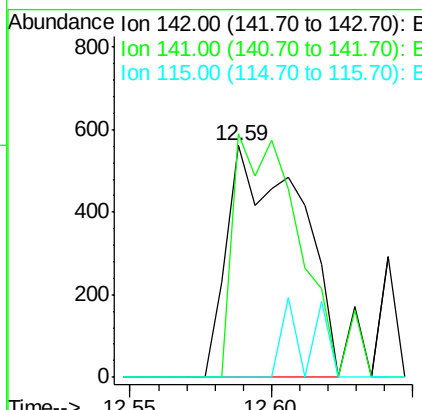
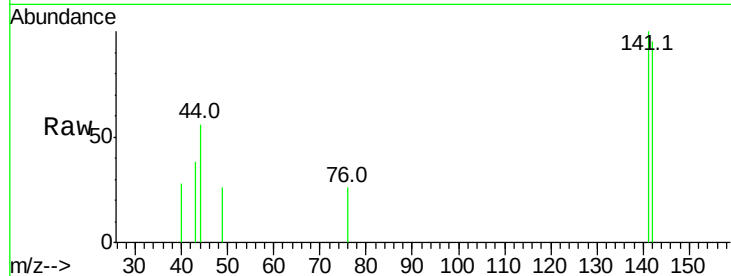




#37
 2-Methylnaphthalene
 Concen: 0.120 ng
 RT: 12.59 min Scan# 1583
 Delta R.T. 0.02 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

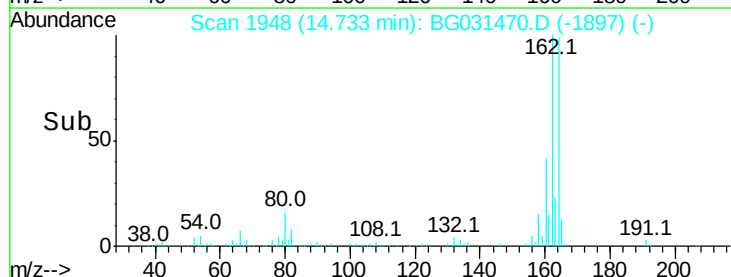
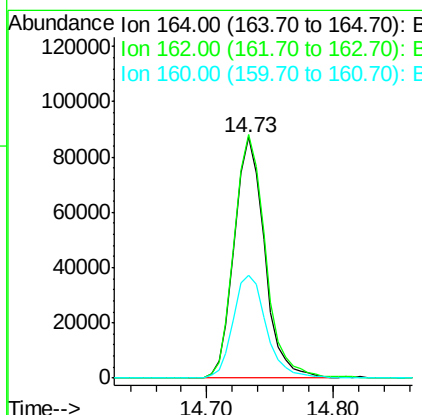
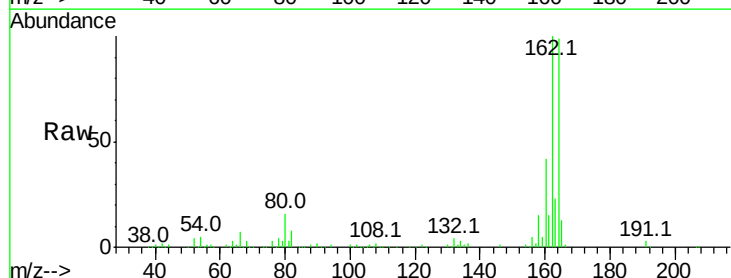
Instrument :
 BNA_G
 ClientSampleId :

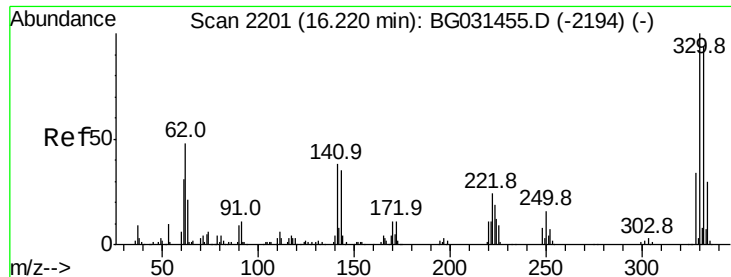
Tot Ion:142 Resp: 1001
 Ion Ratio Lower Upper
 142 100
 141 105.2 67.1 100.7#
 115 0.0 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Tgt Ion:164 Resp: 144468
 Ion Ratio Lower Upper
 164 100
 162 101.2 78.8 118.2
 160 42.7 35.4 53.0

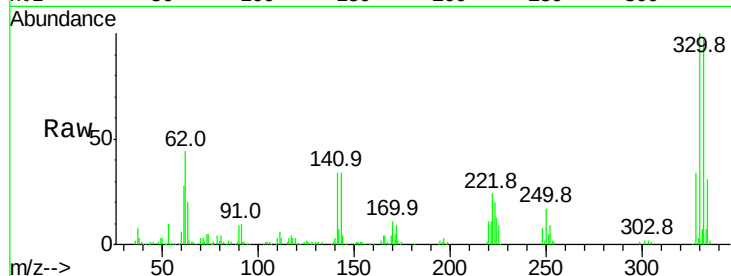




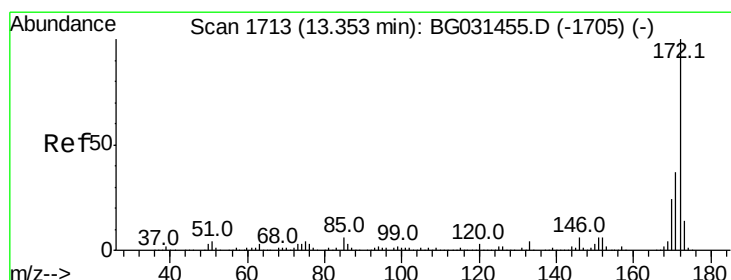
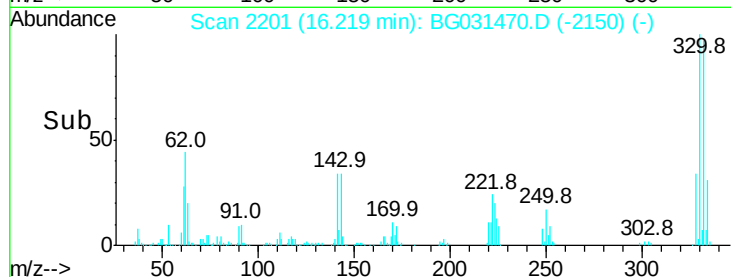
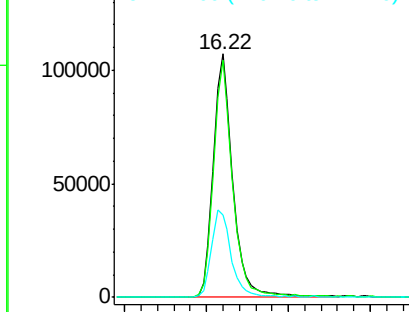
#41
 2,4,6-Tribromophenol
 Concen: 105.970 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	35.8	25.2	37.8

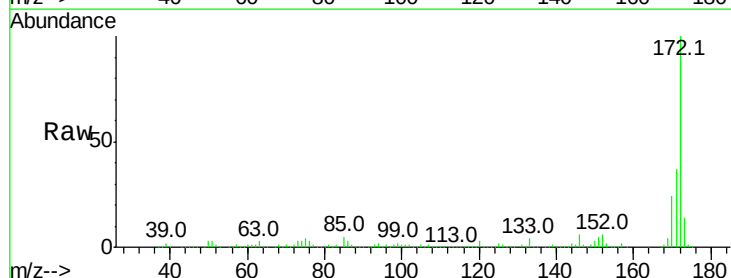


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

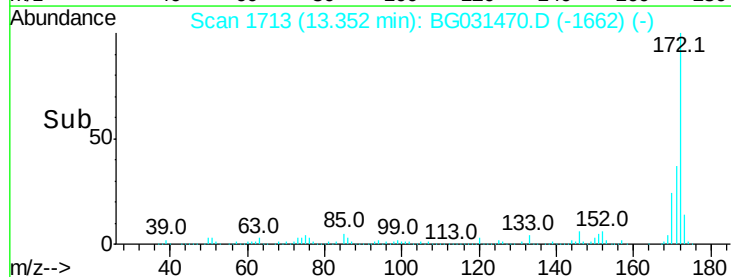
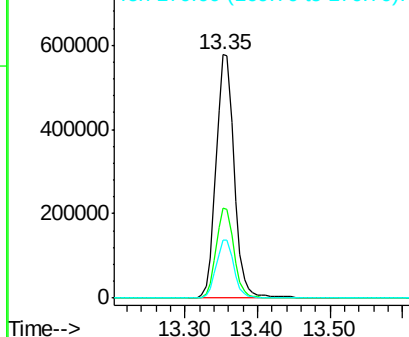


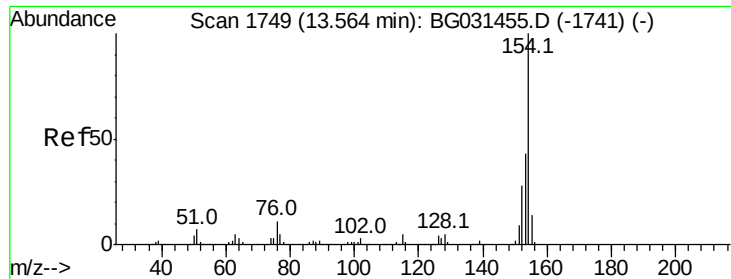
#44
 2-Fluorobiphenyl
 Concen: 102.165 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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

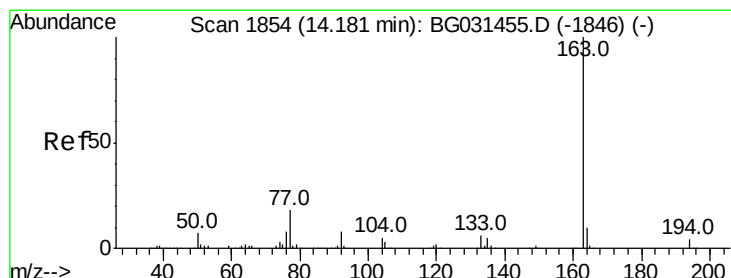
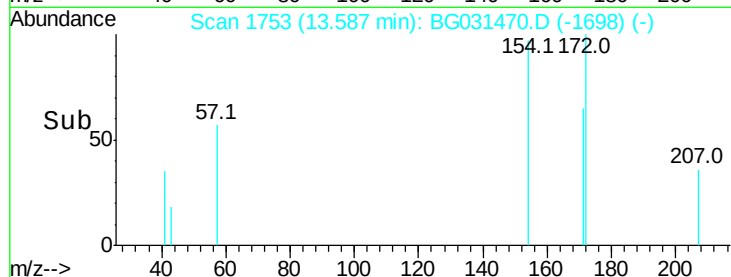
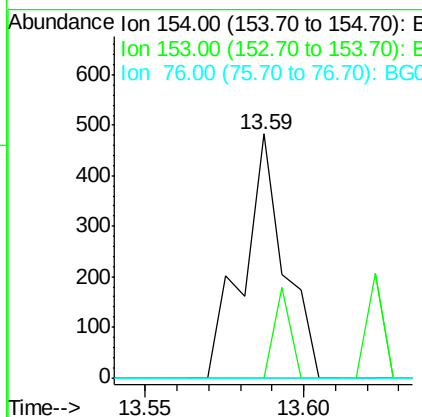
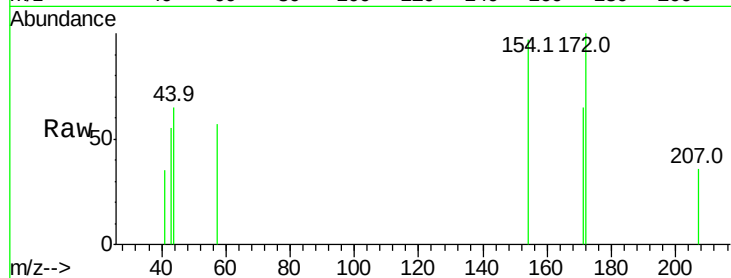




#45
 1,1'-Biphenyl
 Concen: 0.036 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. 0.02 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

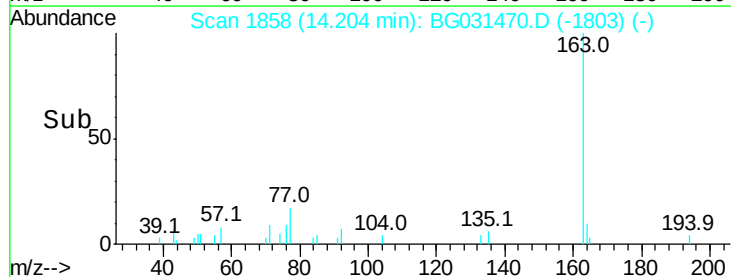
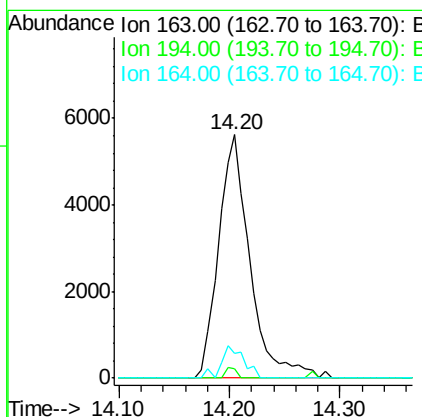
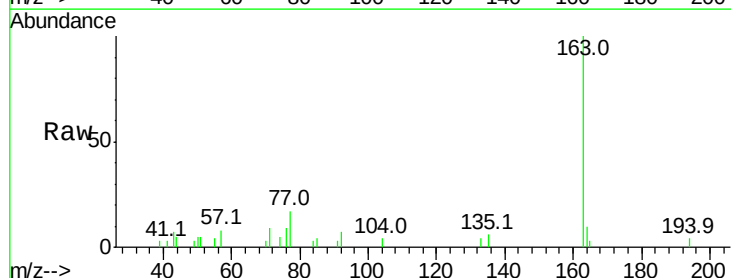
Instrument :
 BNA_G
 ClientSampleId :

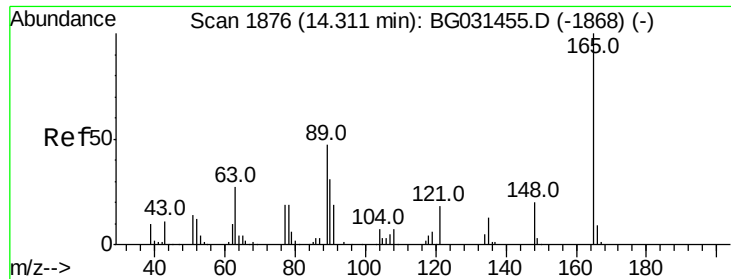
Tot Ion:154 Resp: 431
 Ion Ratio Lower Upper
 154 100
 153 0.0 19.8 59.8#
 76 0.0 0.0 31.9



#49
 Dimethylphthalate
 Concen: 0.928 ng
 RT: 14.20 min Scan# 1858
 Delta R.T. 0.02 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Tgt Ion:163 Resp: 11102
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.2
 164 10.3 8.2 12.4

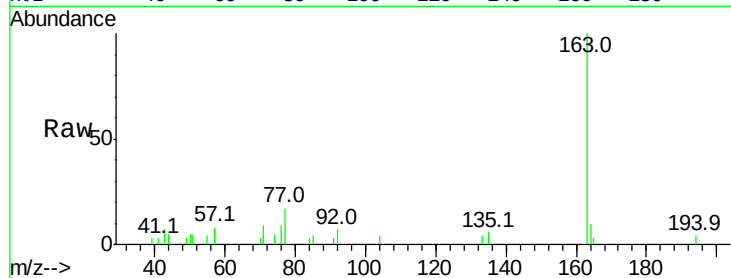




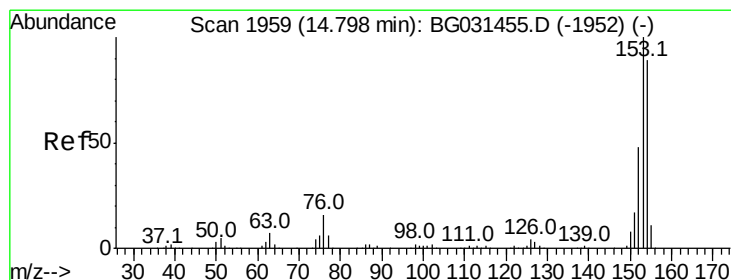
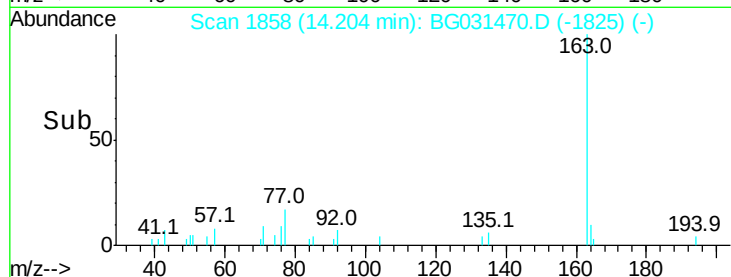
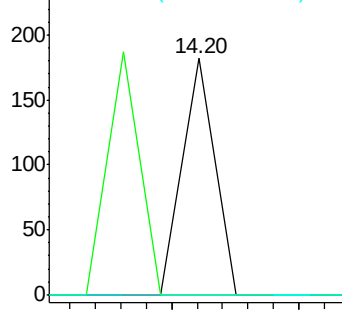
#50
 2,6-Dinitrotoluene
 Concen: 0.025 ng
 RT: 14.20 min Scan# 1858
 Delta R.T. -0.11 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 64
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

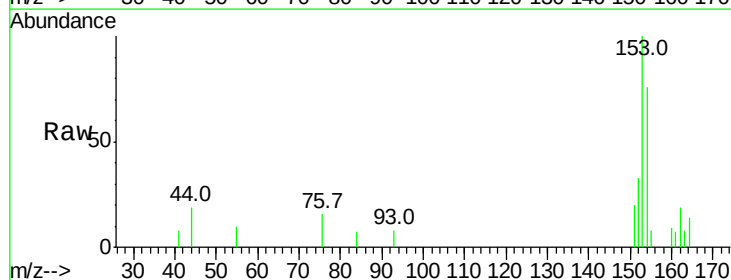


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

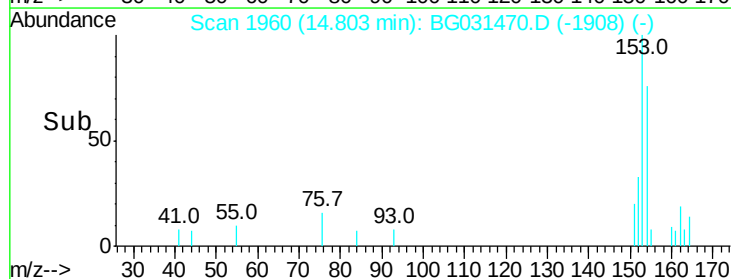
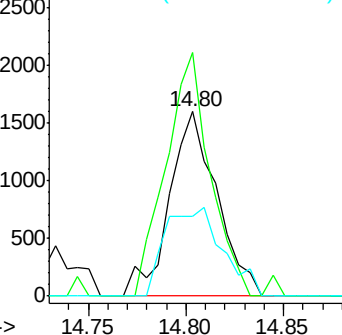


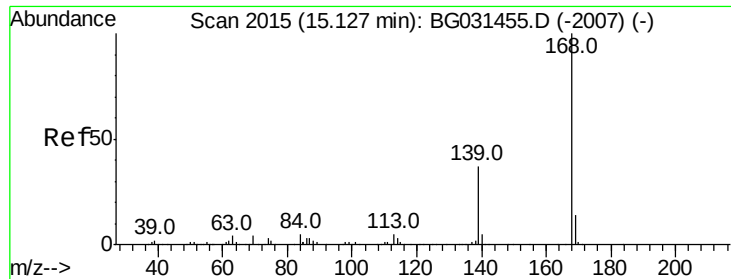
#51
 Acenaphthene
 Concen: 0.306 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. 0.01 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Tgt Ion:154 Resp: 2702
 Ion Ratio Lower Upper
 154 100
 153 132.1 90.4 135.6
 152 43.4 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: 0.199 ng

RT: 15.16 min Scan# 2020

Delta R.T. 0.03 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

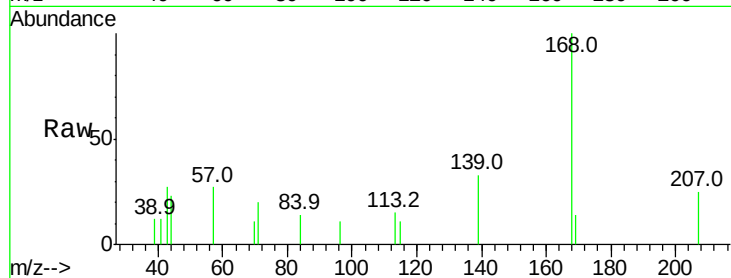
Tot Ion:168 Resp: 2810

Ion Ratio Lower Upper

168 100

139 32.9 28.6 43.0

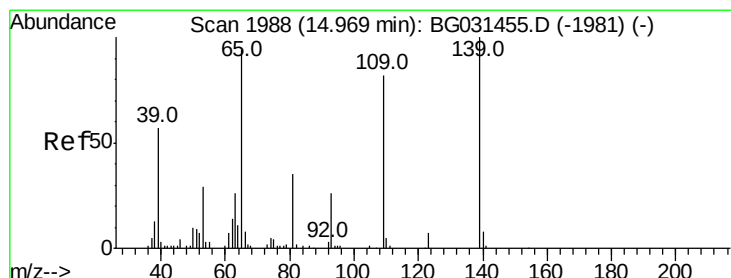
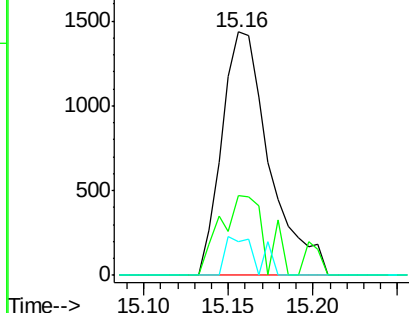
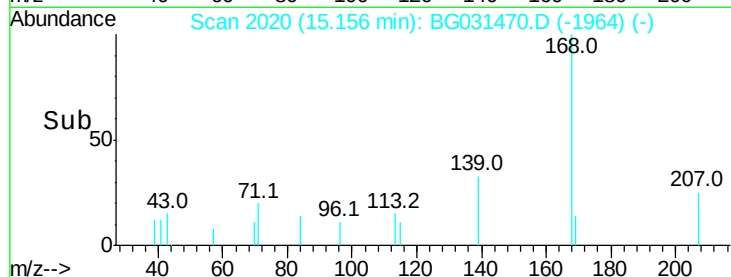
169 13.6 11.2 16.8



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: 4.014 ng

RT: 15.16 min Scan# 2020

Delta R.T. 0.19 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

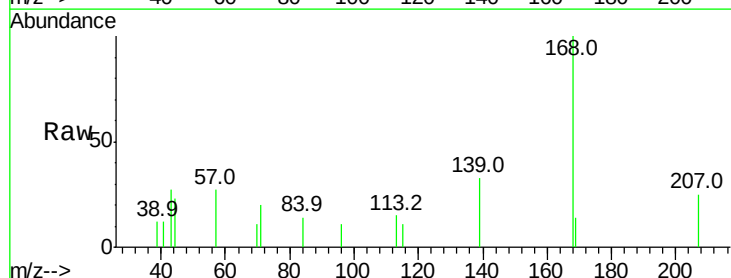
Tgt Ion:139 Resp: 869

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

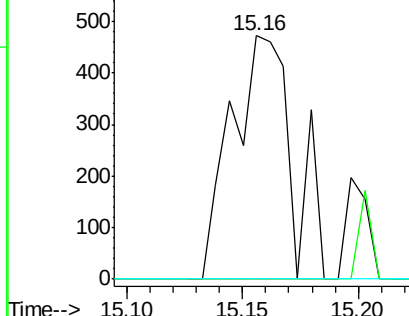
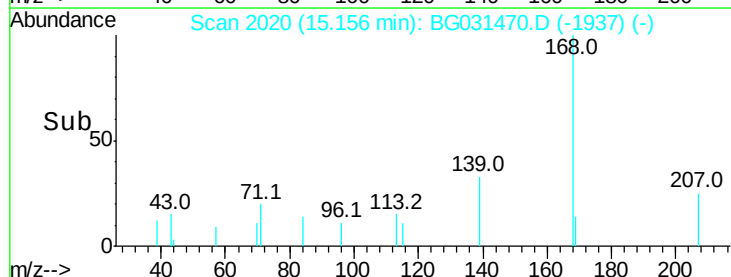
65 0.0 97.2 137.2#

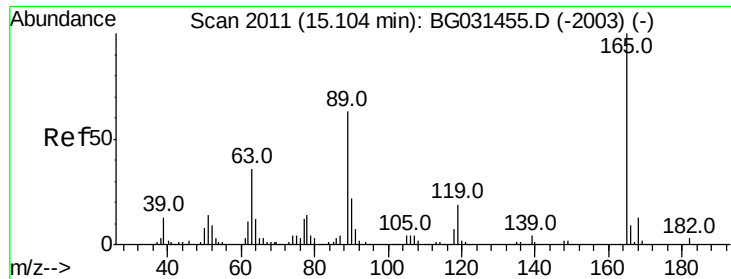


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

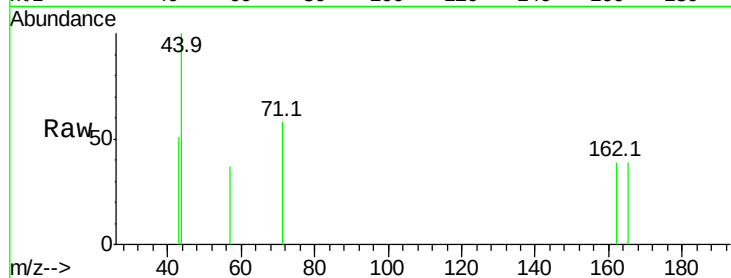




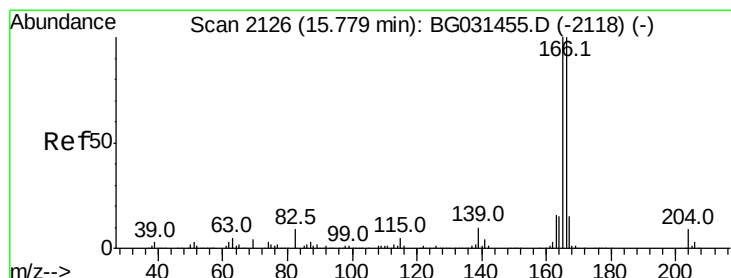
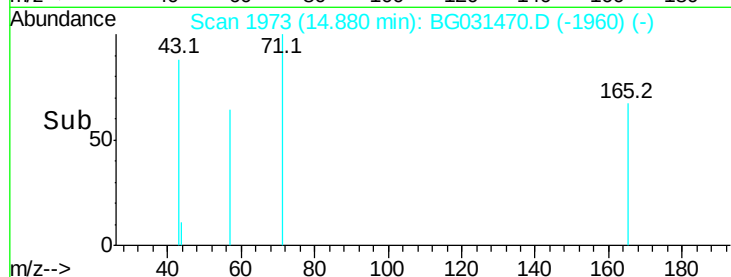
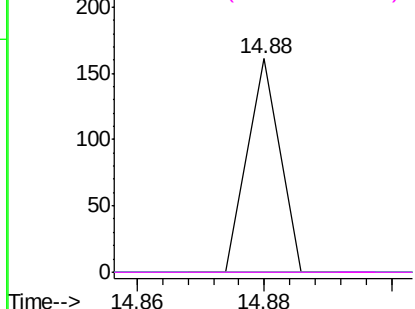
#56
2,4-Dinitrotoluene
Concen: 0.016 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.22 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 57
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#

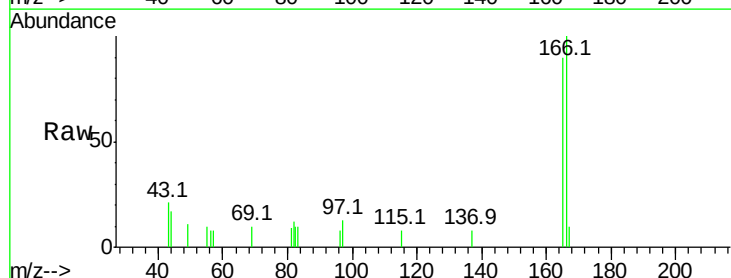


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

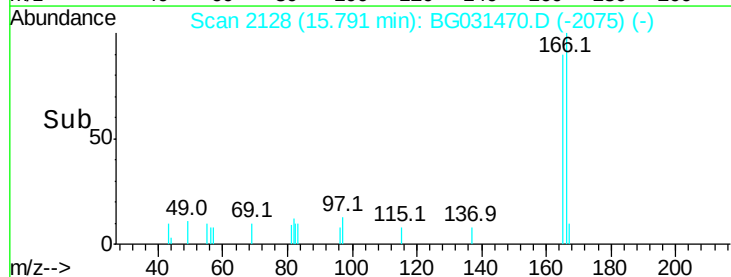
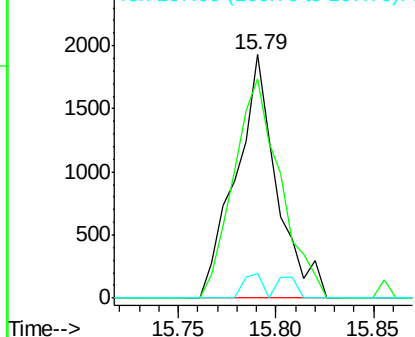


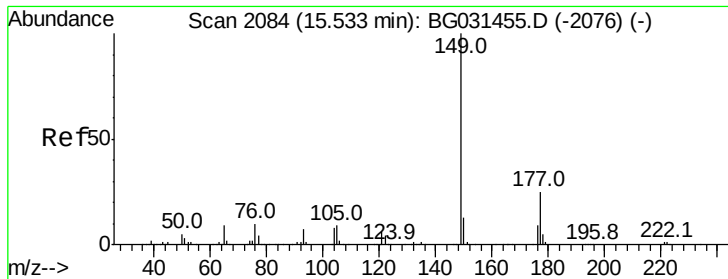
#57
Fluorene
Concen: 0.247 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.01 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Tgt Ion:166 Resp: 2795
Ion Ratio Lower Upper
166 100
165 90.2 80.6 121.0
167 10.0 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: 0.236 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

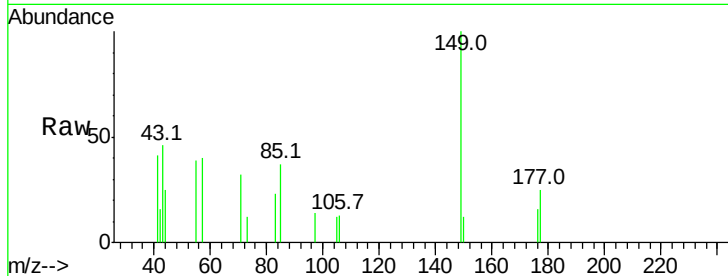
Tot Ion:149 Resp: 2825

Ion Ratio Lower Upper

149 100

177 25.4 18.5 27.7

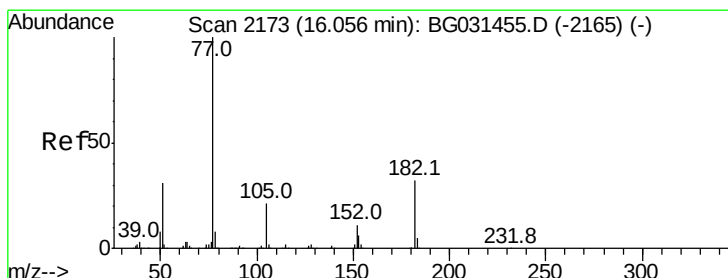
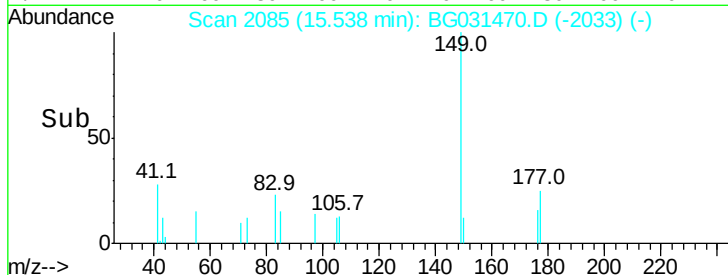
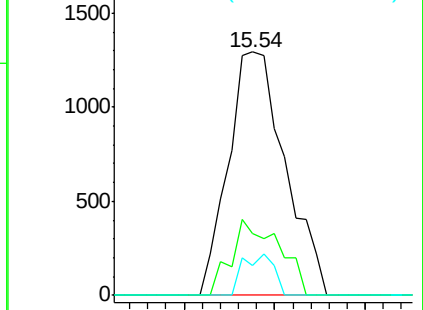
150 12.2 10.2 15.2



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: 0.090 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.16 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Tgt Ion: 77 Resp: 893

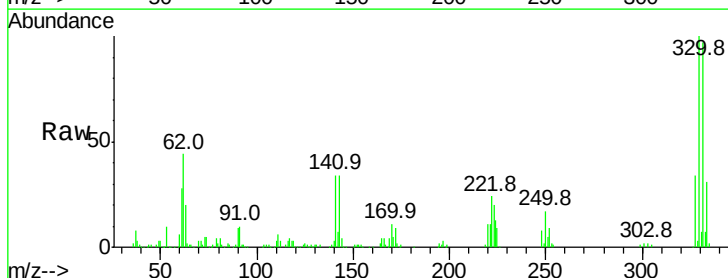
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 106.9 0.3 40.3#

51 82.1 11.6 51.6#

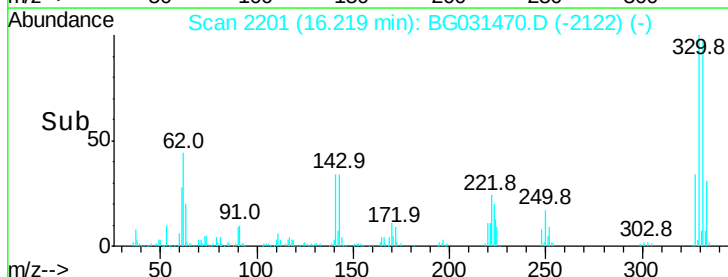
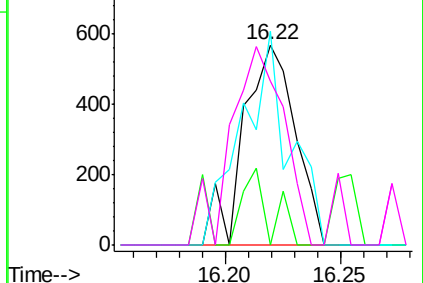


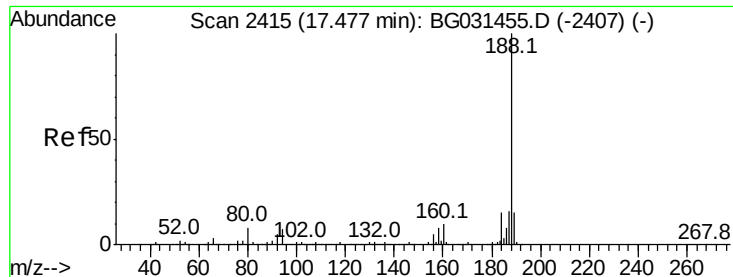
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

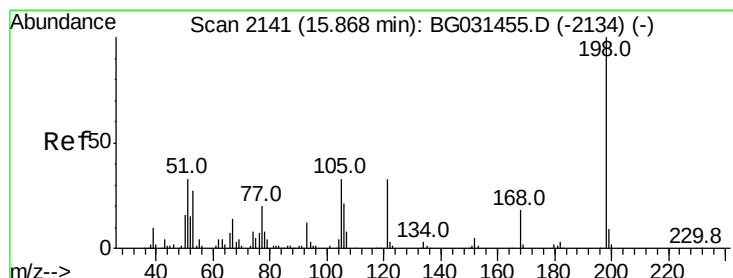
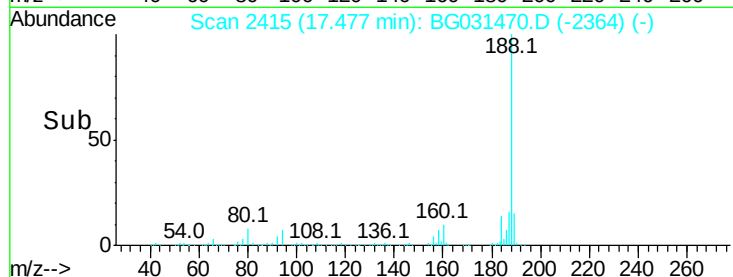
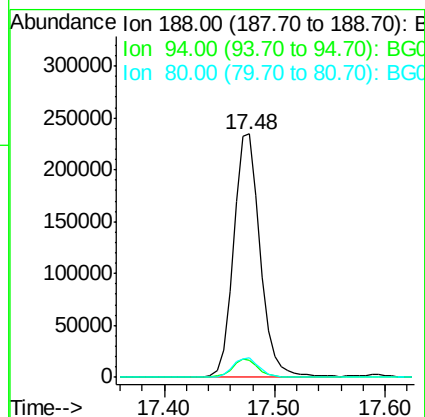
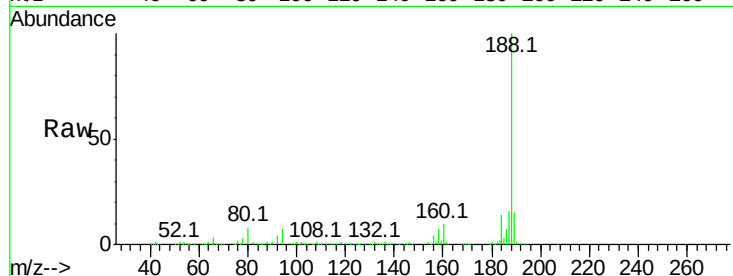




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

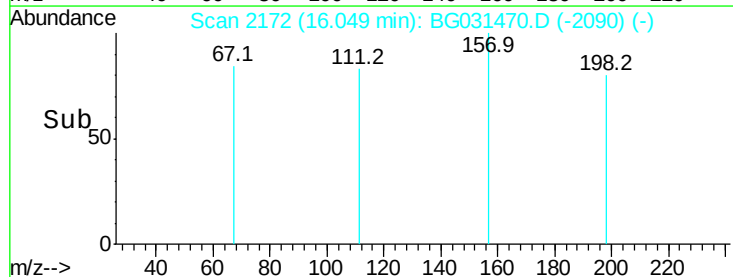
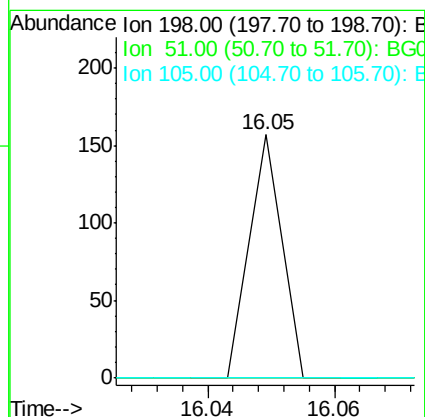
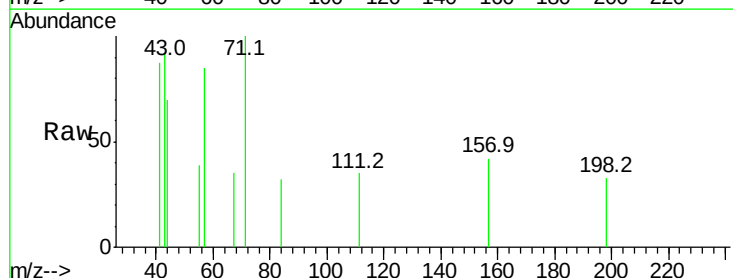
Instrument :
BNA_G
ClientSampleId :

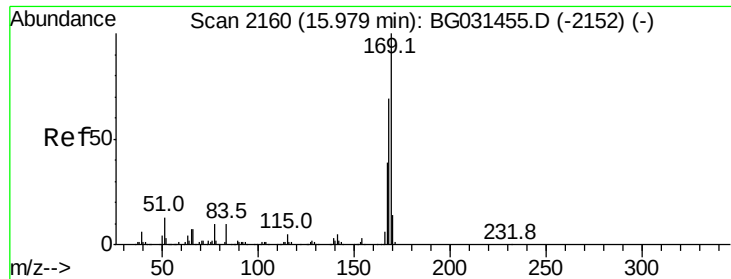
Tot Ion:188 Resp: 396687
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.2 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 4.930 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.18 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Tgt Ion:198 Resp: 55
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 23.8 63.8#





#65

n-Nitrosodiphenylamine

Concen: 0.584 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.23 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

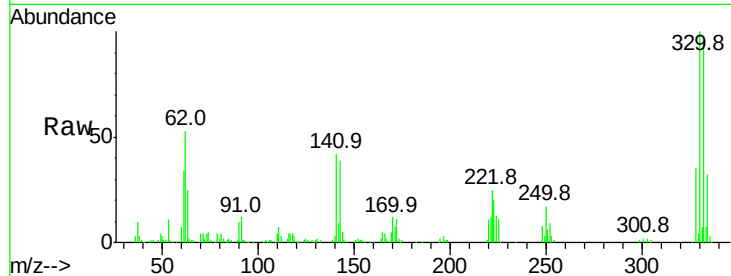
Tot Ion:169 Resp: 6780

Ion Ratio Lower Upper

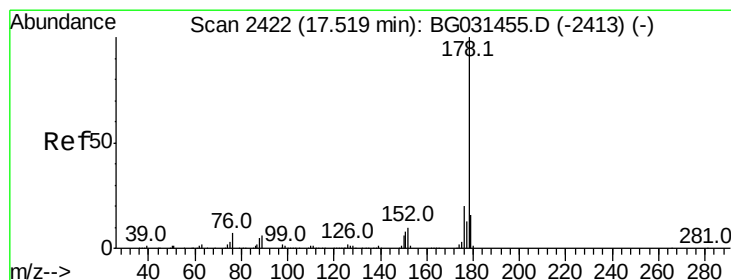
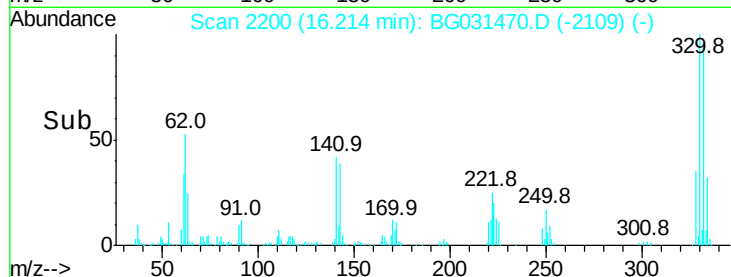
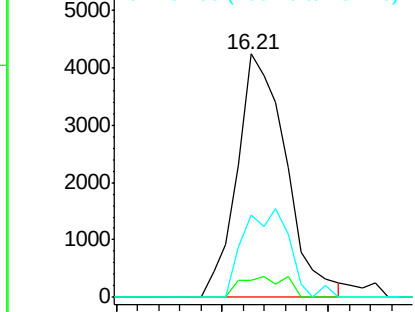
169 100

168 6.9 55.7 83.5#

167 33.6 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: 0.502 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

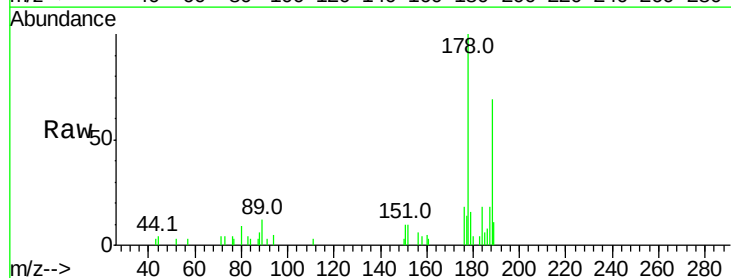
Tgt Ion:178 Resp: 10395

Ion Ratio Lower Upper

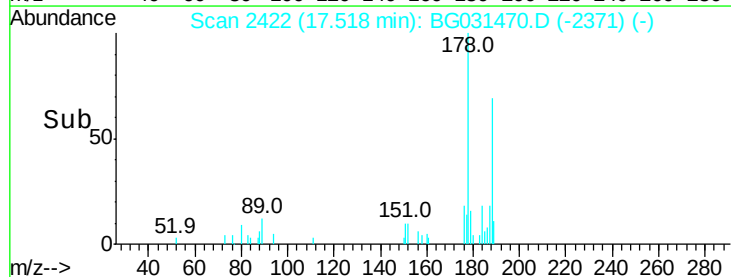
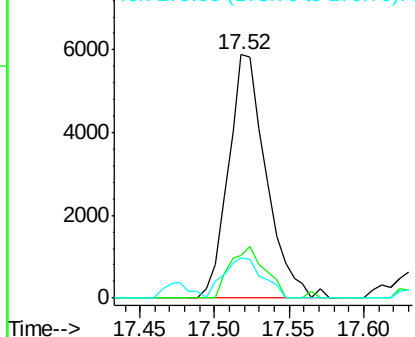
178 100

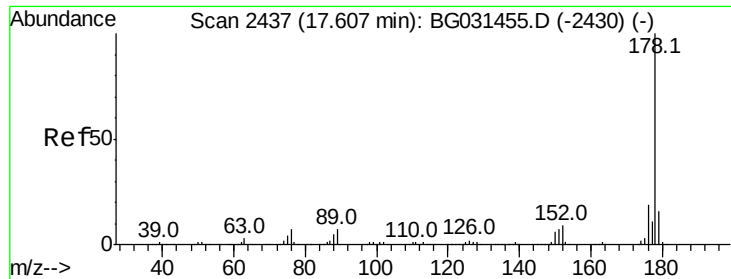
176 17.7 15.7 23.5

179 16.3 12.5 18.7



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

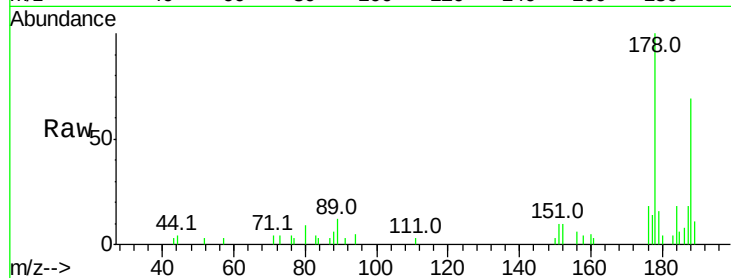




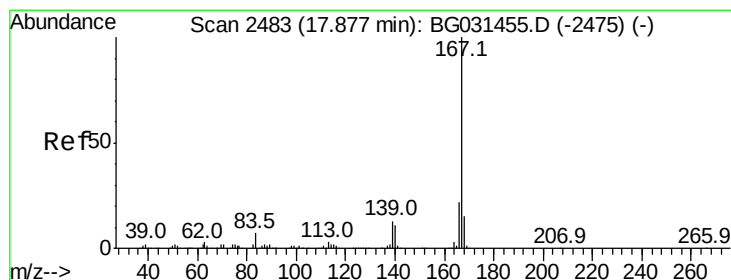
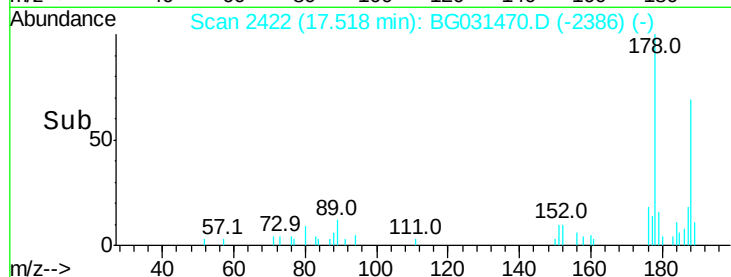
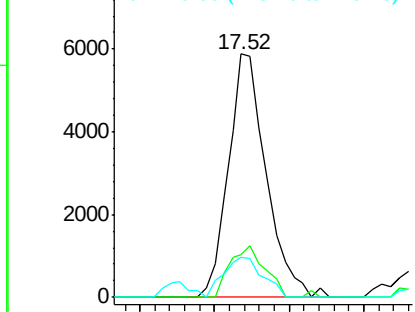
#71
 Anthracene
 Concen: 0.507 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.09 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 10395
 Ion Ratio Lower Upper
 178 100
 176 17.7 16.0 24.0
 179 16.3 12.5 18.7

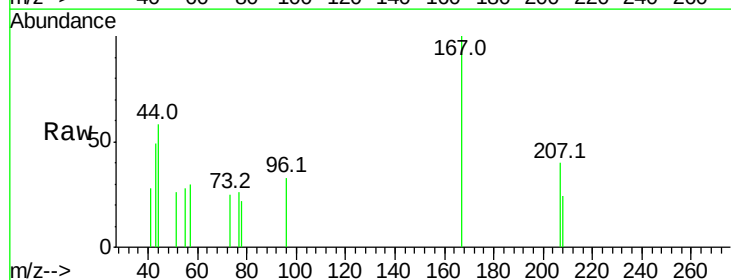


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

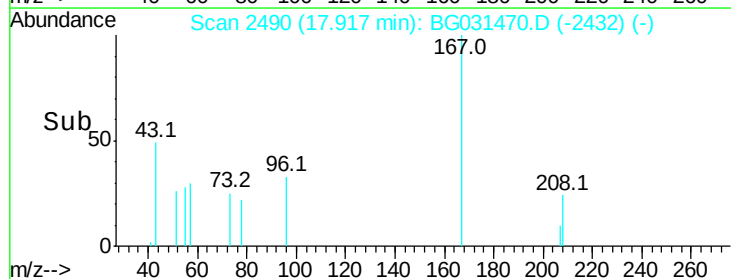
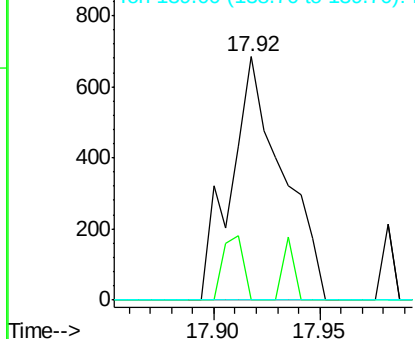


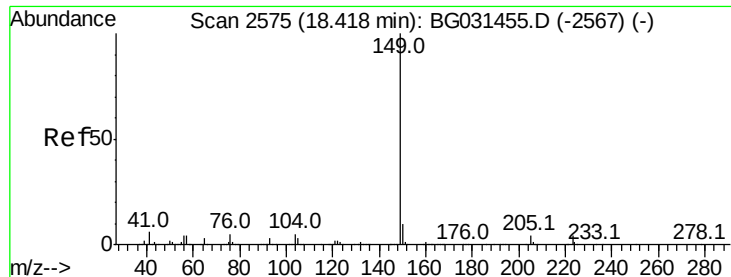
#72
 Carbazole
 Concen: 0.063 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. 0.04 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Tgt Ion:167 Resp: 1169
 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: 0.051 ng

RT: 18.42 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

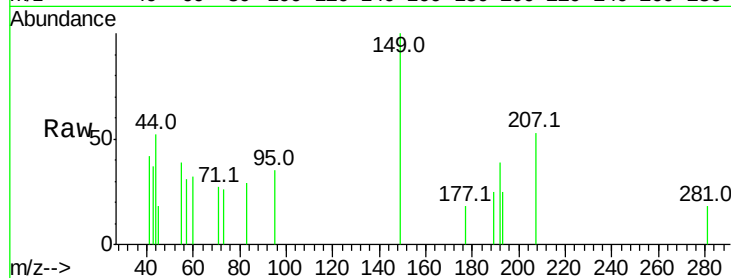
Tot Ion:149 Resp: 1091

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

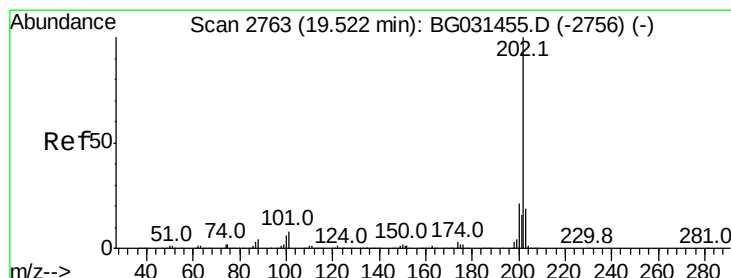
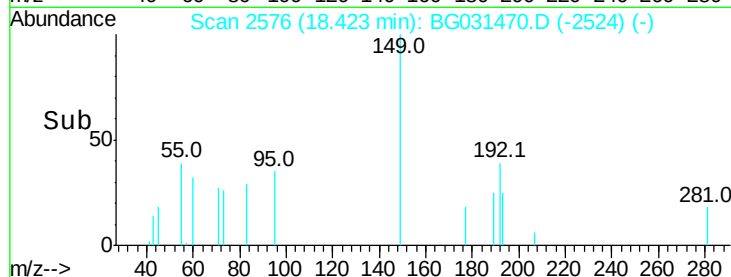
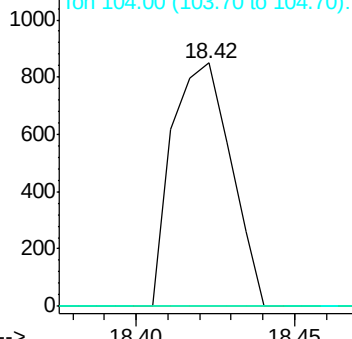
104 0.0 3.9 5.9#



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: 0.254 ng

RT: 19.53 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

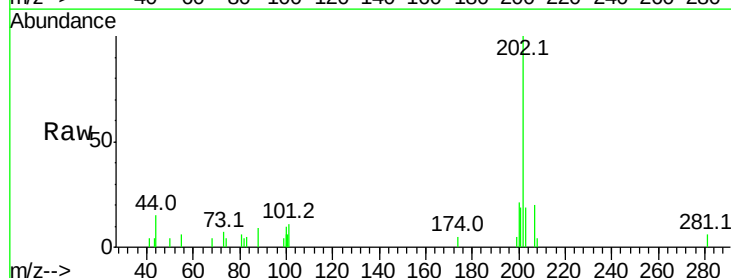
Tgt Ion:202 Resp: 6587

Ion Ratio Lower Upper

202 100

101 11.0 0.0 28.9

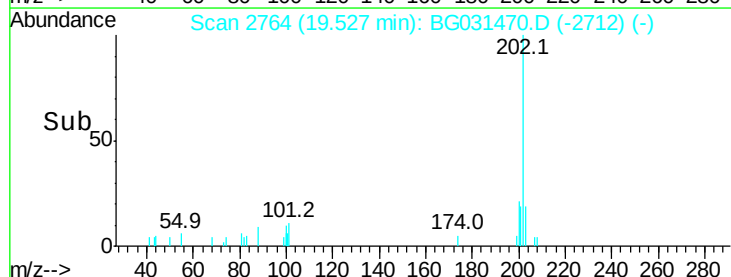
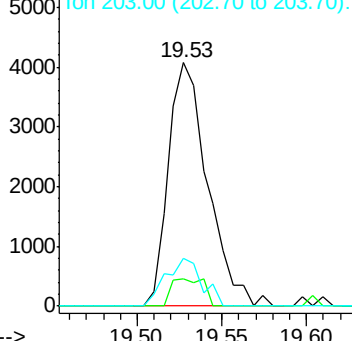
203 19.4 0.0 37.5

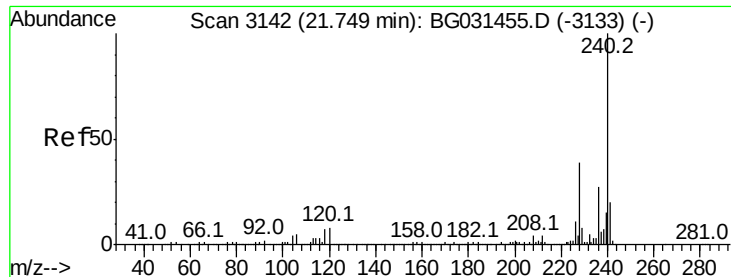


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

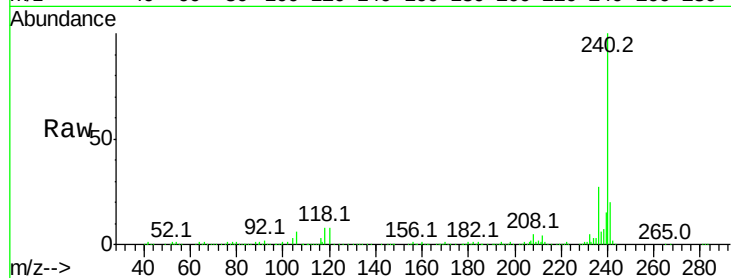
Tot Ion:240 Resp: 499406

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

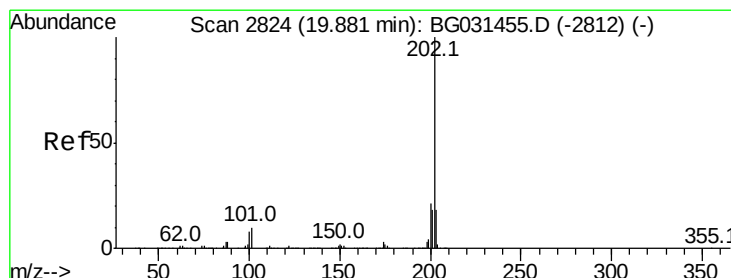
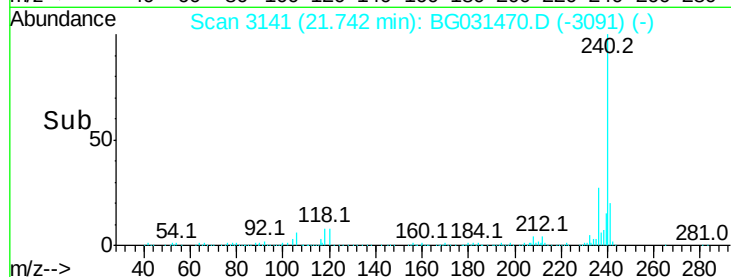
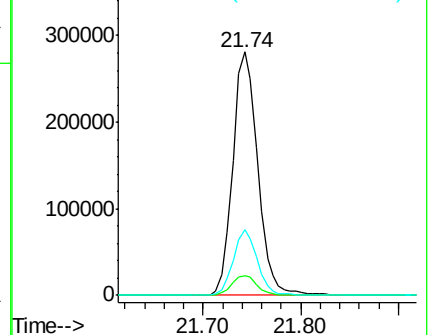
236 27.2 20.9 31.3



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



#77

Pyrene

Concen: 0.165 ng

RT: 19.89 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

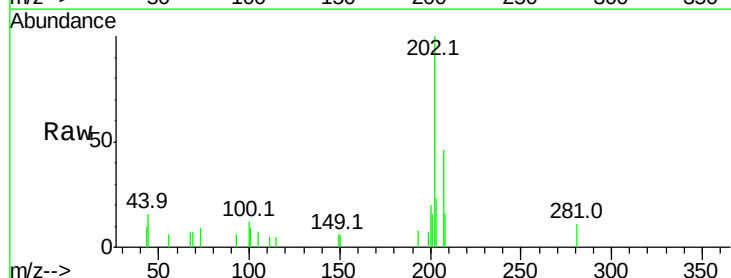
Tgt Ion:202 Resp: 5121

Ion Ratio Lower Upper

202 100

200 19.9 16.9 25.3

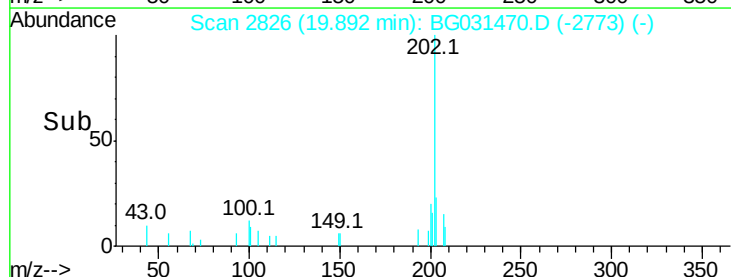
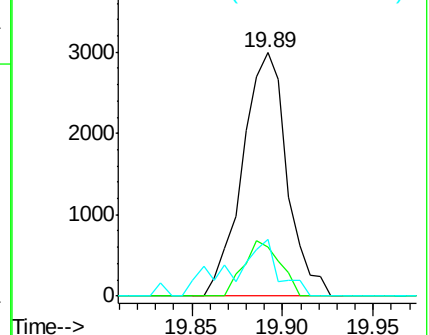
203 23.3 13.9 20.9#

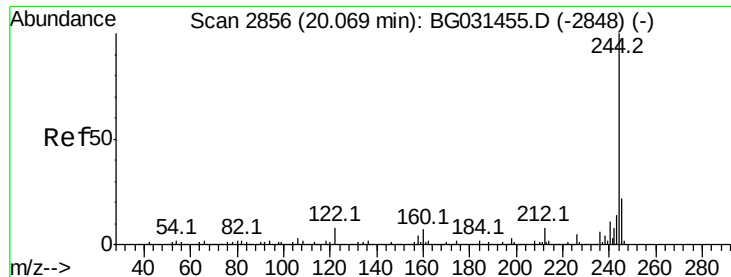


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.427 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

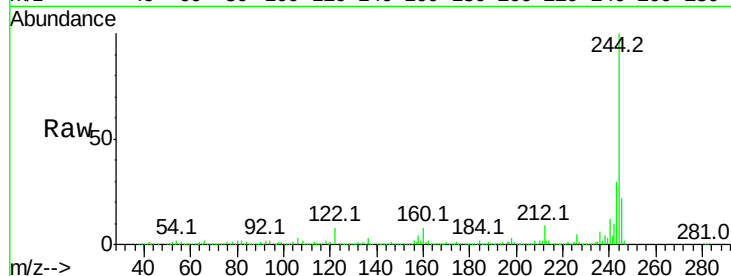
Tot Ion:244 Resp: 1897097

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

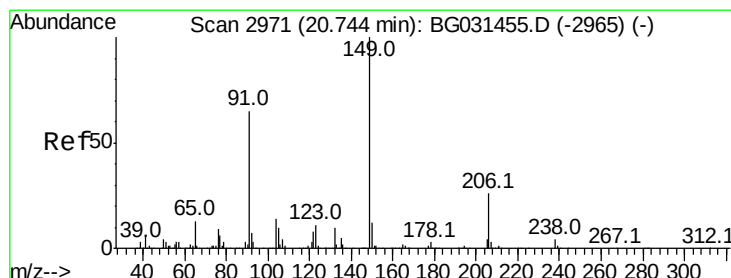
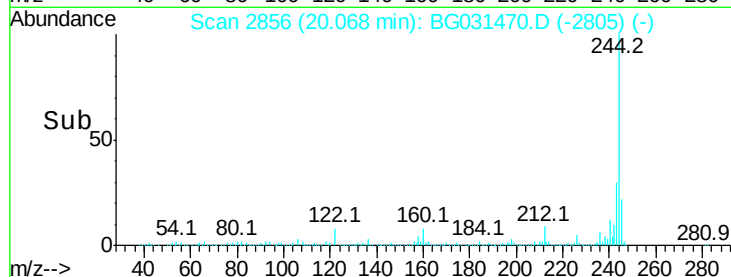
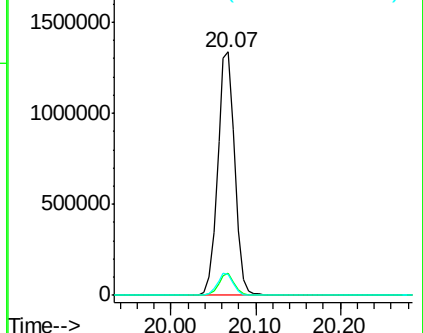
122 8.4 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.031 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

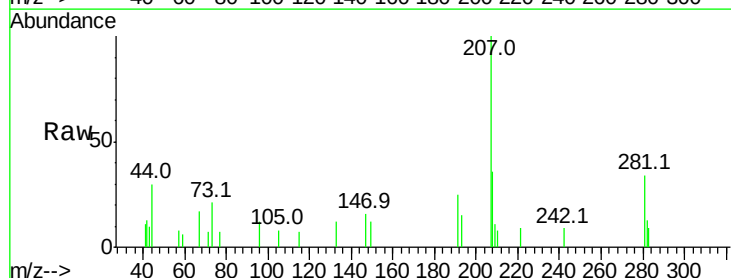
Tgt Ion:149 Resp: 336

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

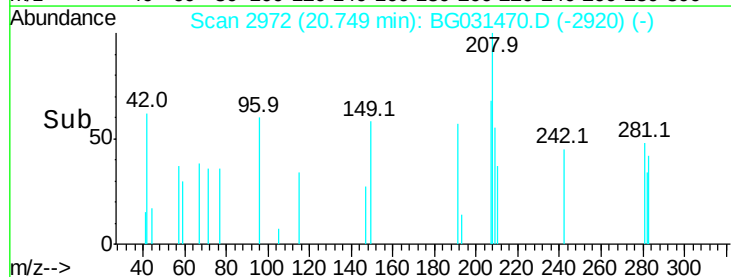
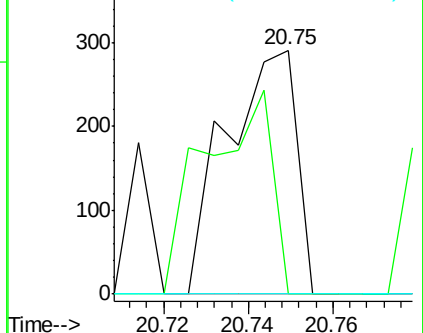
206 0.0 18.6 27.8#

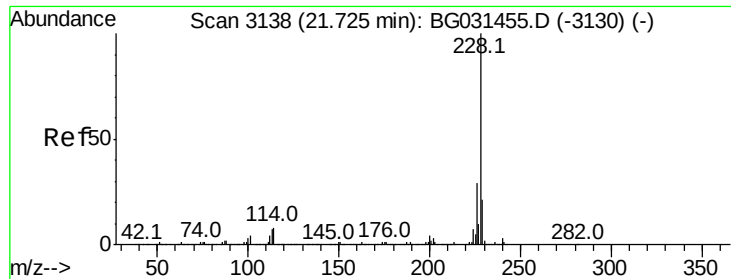


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.065 ng

RT: 21.73 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

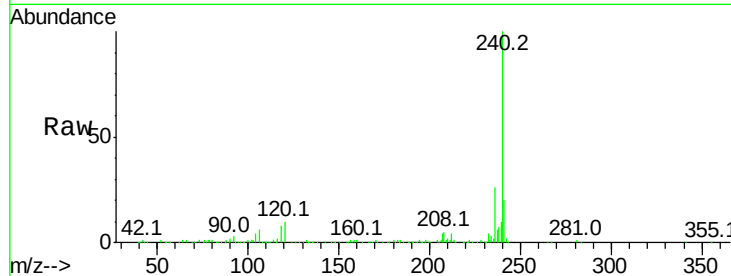
Tot Ion:228 Resp: 1954

Ion	Ratio	Lower	Upper
228	100		
226	16.6	22.7	34.1#
229	0.0	16.2	24.2#

228 100

226 16.6 22.7 34.1#

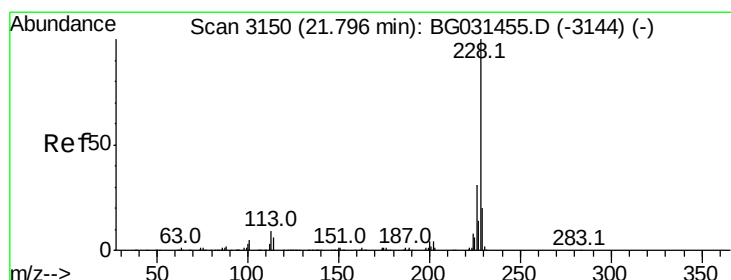
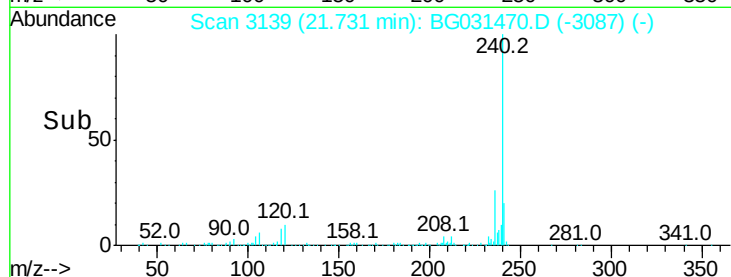
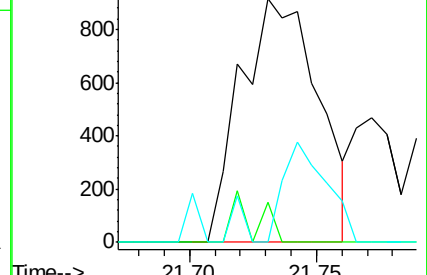
229 0.0 16.2 24.2#



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



#82

Chrysene

Concen: 0.016 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

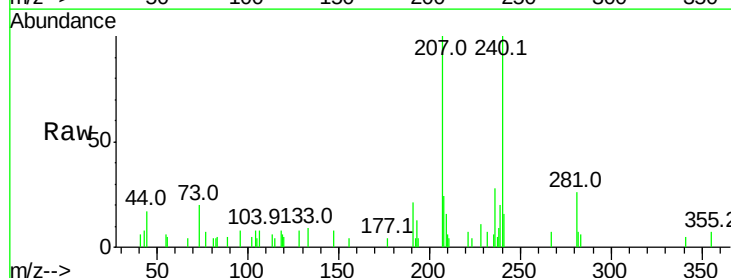
Tgt Ion:228 Resp: 468

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#

228 100

226 0.0 24.9 37.3#

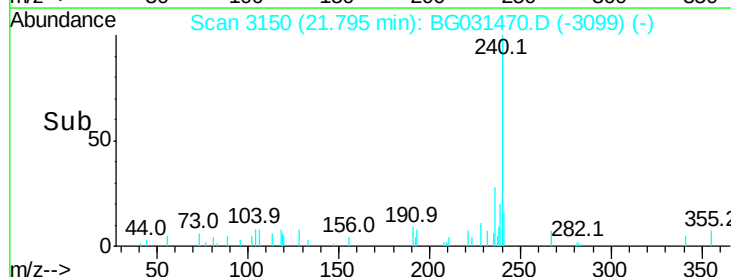
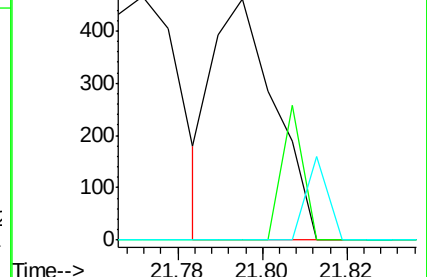
229 0.0 15.0 22.4#

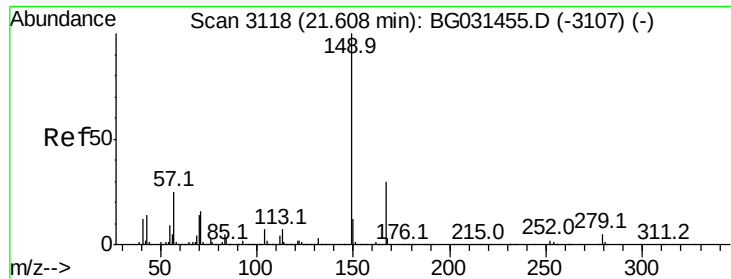


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

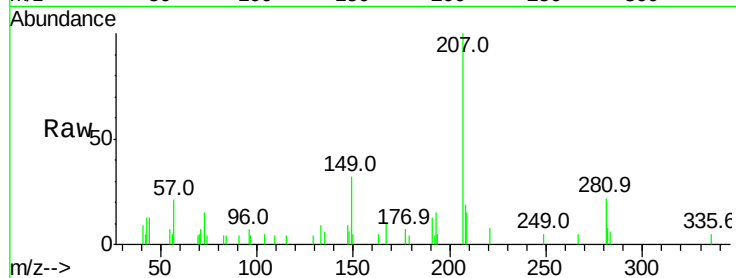




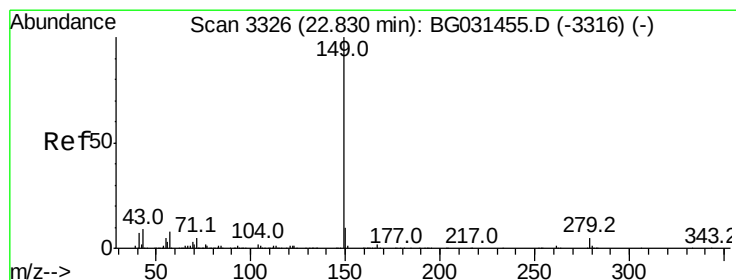
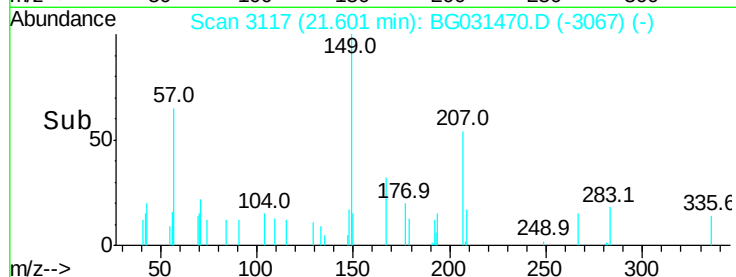
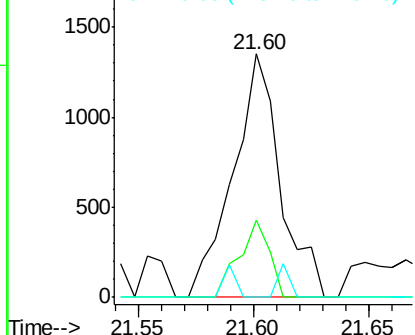
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.123 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.9	24.3	36.5
279	0.0	4.0	6.0

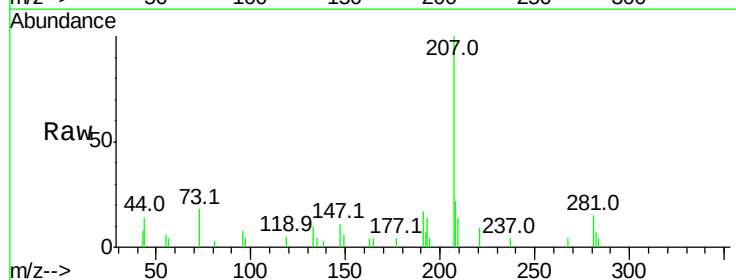


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

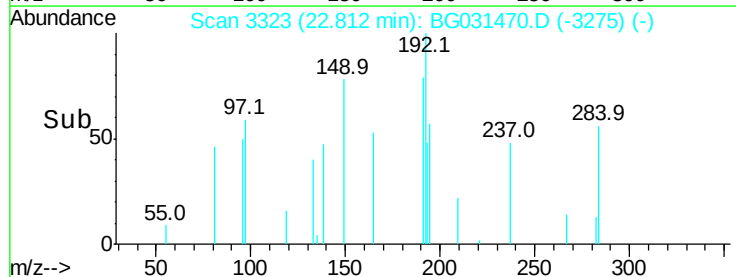
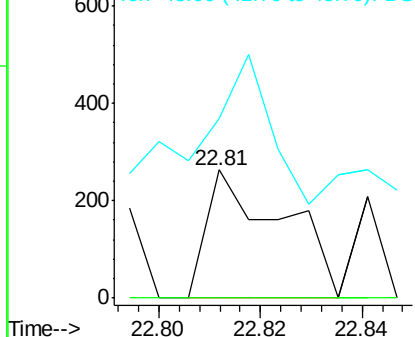


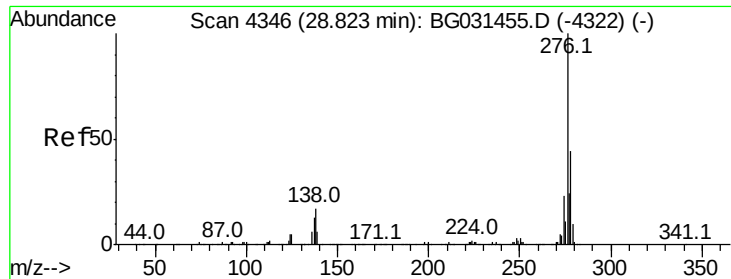
#84
 Di-n-octyl phthalate
 Concen: 0.010 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.02 min
 Lab File: BG031470.D
 Acq: 12 Dec 2017 1:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0
43	78.1	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





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng

RT: 28.88 min Scan# 4355

Delta R.T. 0.05 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampleId :

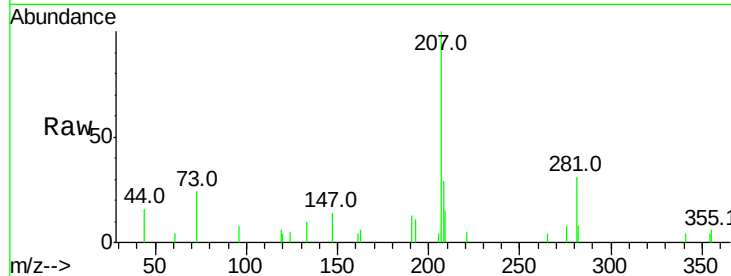
Tot Ion:276 Resp: 116

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 0.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.88

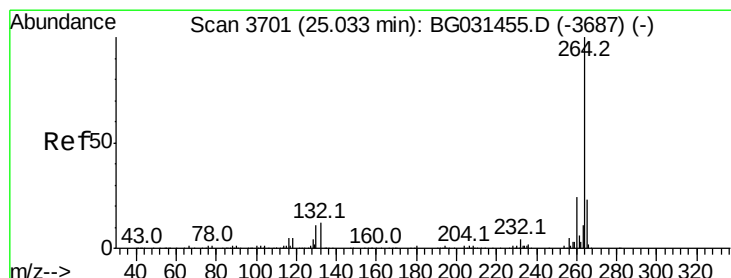
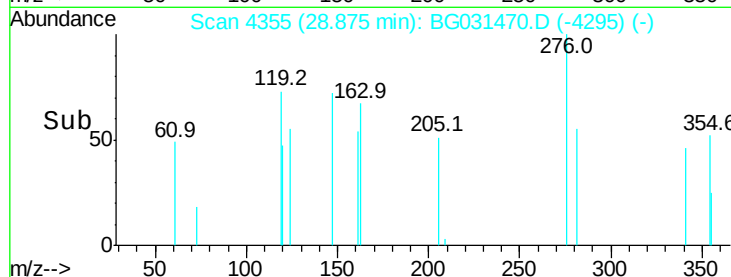
300

200

100

0

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

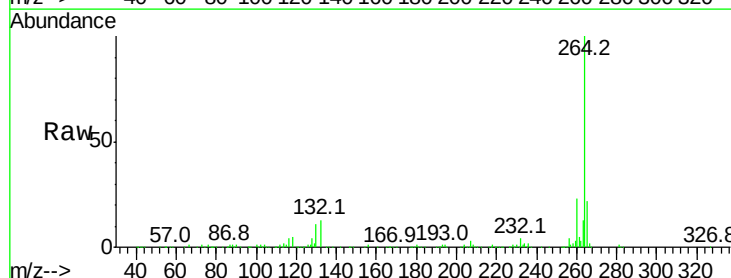
Tgt Ion:264 Resp: 472827

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.1 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

25.03

200000

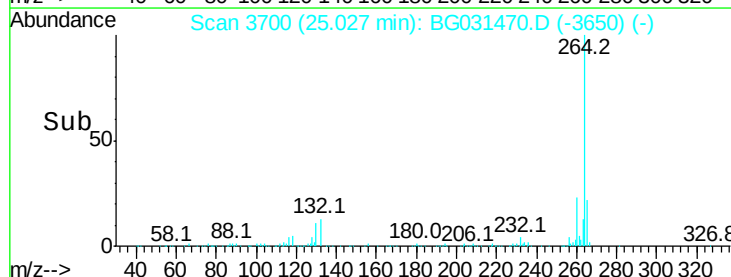
150000

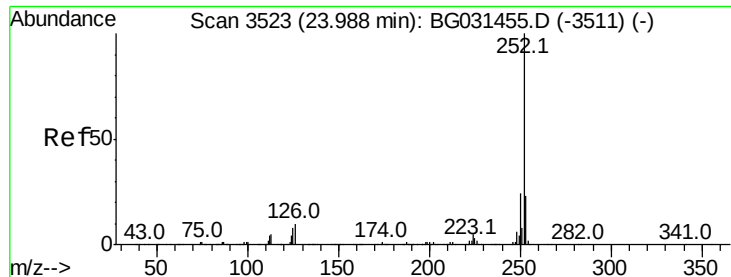
100000

50000

0

Time-->

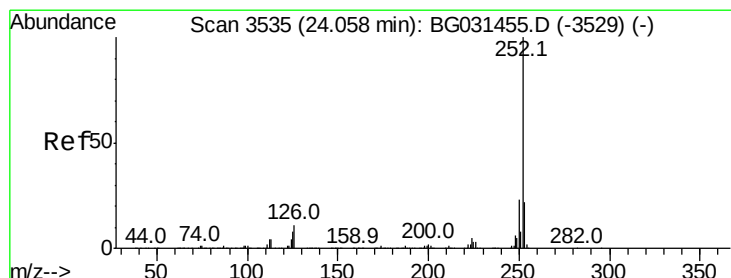
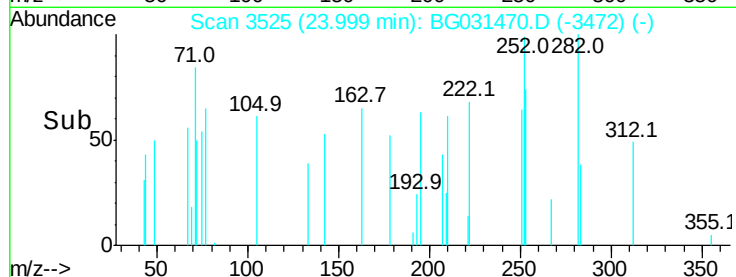
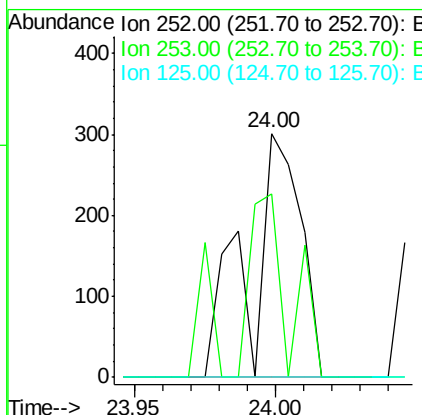
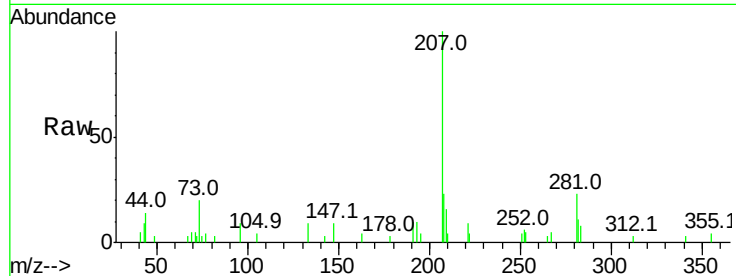




#87
Benzo(b)fluoranthene
Concen: 0.013 ng
RT: 24.00 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

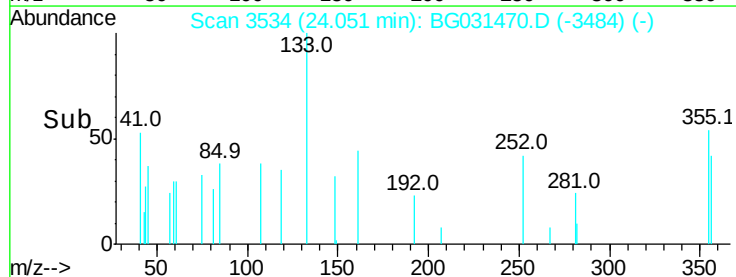
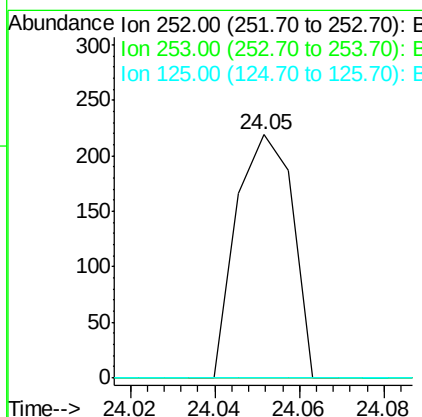
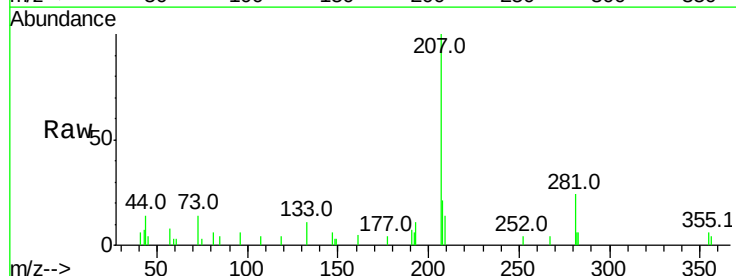
Instrument :
BNA_G
ClientSampled :

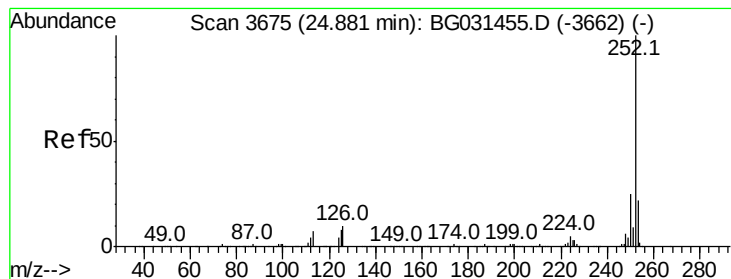
Tot Ion	Ratio	Lower	Upper
252	100		
253	75.1	18.2	27.4#
125	0.0	7.2	10.8#



#88
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG031470.D
Acq: 12 Dec 2017 1:20

Tgt 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: 24.87 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

Instrument :

BNA_G

ClientSampled :

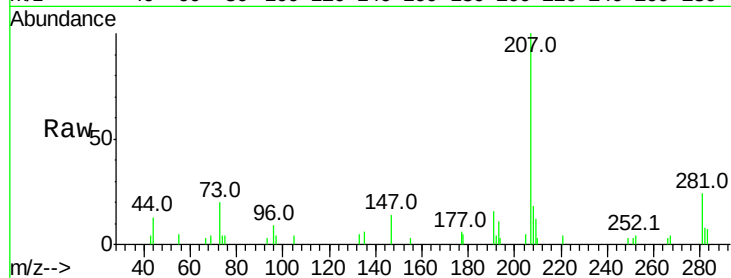
Tot Ion:252 Resp: 71

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

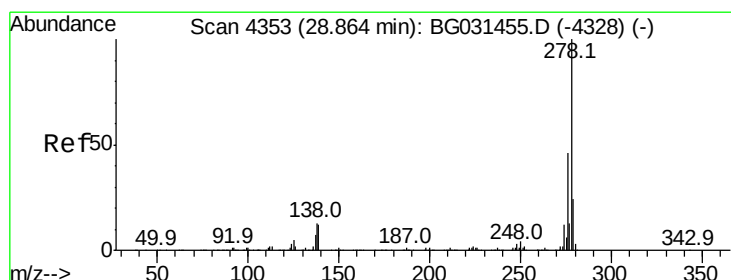
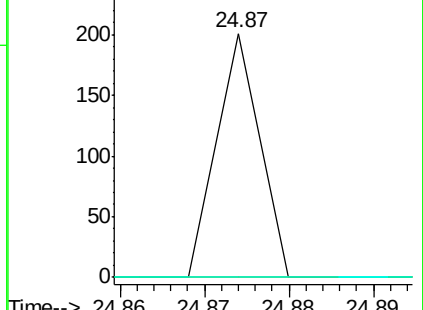
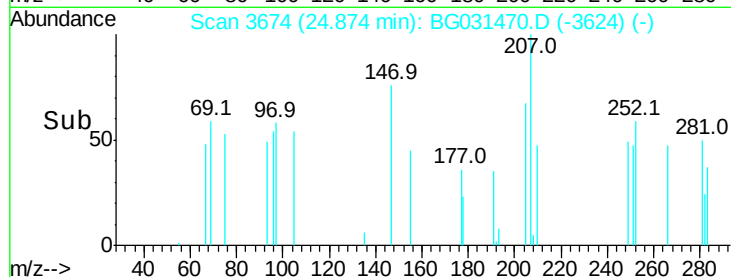
125 0.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 28.97 min Scan# 4371

Delta R.T. 0.11 min

Lab File: BG031470.D

Acq: 12 Dec 2017 1:20

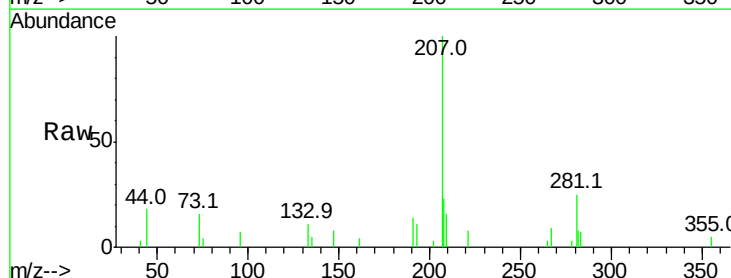
Tgt Ion:278 Resp: 54

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

279 0.0 18.4 27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

