

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032590.D
 Acq On : 7 Feb 2018 8:41
 Operator : SJ/JU
 Sample : J1458-02
 Misc : MDL-W-8 ppm
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 07 09:57:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	16088	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	76666	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	55126	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	146111	20.00	ng	0.00
75) Chrysene-d12	22.40	240	192753	20.00	ng	0.00
86) Perylene-d12	26.07	264	207898	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.14	112	109719	136.98	ng	0.00
7) Phenol-d6	7.82	99	143569	134.32	ng	0.00
23) Nitrobenzene-d5	9.90	82	106020	86.38	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	151428	144.31	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	346090	74.62	ng	0.00
78) Terphenyl-d14	20.61	244	683922	76.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	74	0.275	ng	# 81
4) n-Nitrosodimethylamine	4.10	42	61	0.161	ng	# 1
6) Aniline	8.22	93	56	0.042	ng	# 1
9) Benzaldehyde	7.84	77	59	0.107	ng	# 5
10) Phenol	7.86	94	2588	2.550	ng	# 55
11) bis(2-Chloroethyl)ether	8.22	93	56	0.072	ng	# 1
15) Benzyl Alcohol	9.04	79	2169	2.462	ng	# 54
19) n-Nitroso-di-n-propylamine	9.90	70	16394	23.133	ng	# 72
24) Nitrobenzene	9.96	77	55	0.046	ng	# 42
25) Isophorone	10.31	82	292	0.140	ng	# 69
40) Hexachlorocyclopentadiene	13.11	237	74	0.046	ng	# 22
45) 1,1'-Biphenyl	14.19	154	542	0.116	ng	# 83
47) 2-Nitroaniline	14.76	65	107	0.133	ng	# 1
49) Dimethylphthalate	14.76	163	34473	6.782	ng	# 96
50) 2,6-Dinitrotoluene	14.76	165	286	0.268	ng	# 14
51) Acenaphthene	15.34	154	57	0.015	ng	# 5
52) 3-Nitroaniline	15.23	138	55	0.059	ng	# 1
55) 4-Nitrophenol	15.52	139	60	0.086	ng	# 1
56) 2,4-Dinitrotoluene	15.33	165	7431	4.892	ng	# 16
57) Fluorene	16.81	166	3547	0.754	ng	# 88
59) Diethylphthalate	16.11	149	2112	0.427	ng	# 97
62) Azobenzene	16.63	77	58	0.020	ng	# 48
64) 4,6-Dinitro-2-methylphenol	16.81	198	336	0.308	ng	# 40
65) n-Nitrosodiphenylamine	16.81	169	3967	0.910	ng	# 41
66) 4-Bromophenyl-phenylether	16.81	248	11143	5.148	ng	# 1
70) Phenanthrene	18.12	178	69	0.008	ng	# 60
71) Anthracene	18.12	178	69	0.009	ng	# 59
72) Carbazole	18.54	167	56	0.008	ng	# 59
73) Di-n-butylphthalate	18.97	149	350	0.044	ng	# 78
74) Fluoranthene	20.09	202	84	0.008	ng	# 65
76) Benzdine	20.61	184	8690	2.296	ng	# 94
77) Pvrene	20.61	202	2470	0.209	ng	# 75
79) Butylbenzylphthalate	21.30	149	59	0.016	ng	# 20
80) Benzo(a)anthracene	22.40	228	344	0.029	ng	# 19

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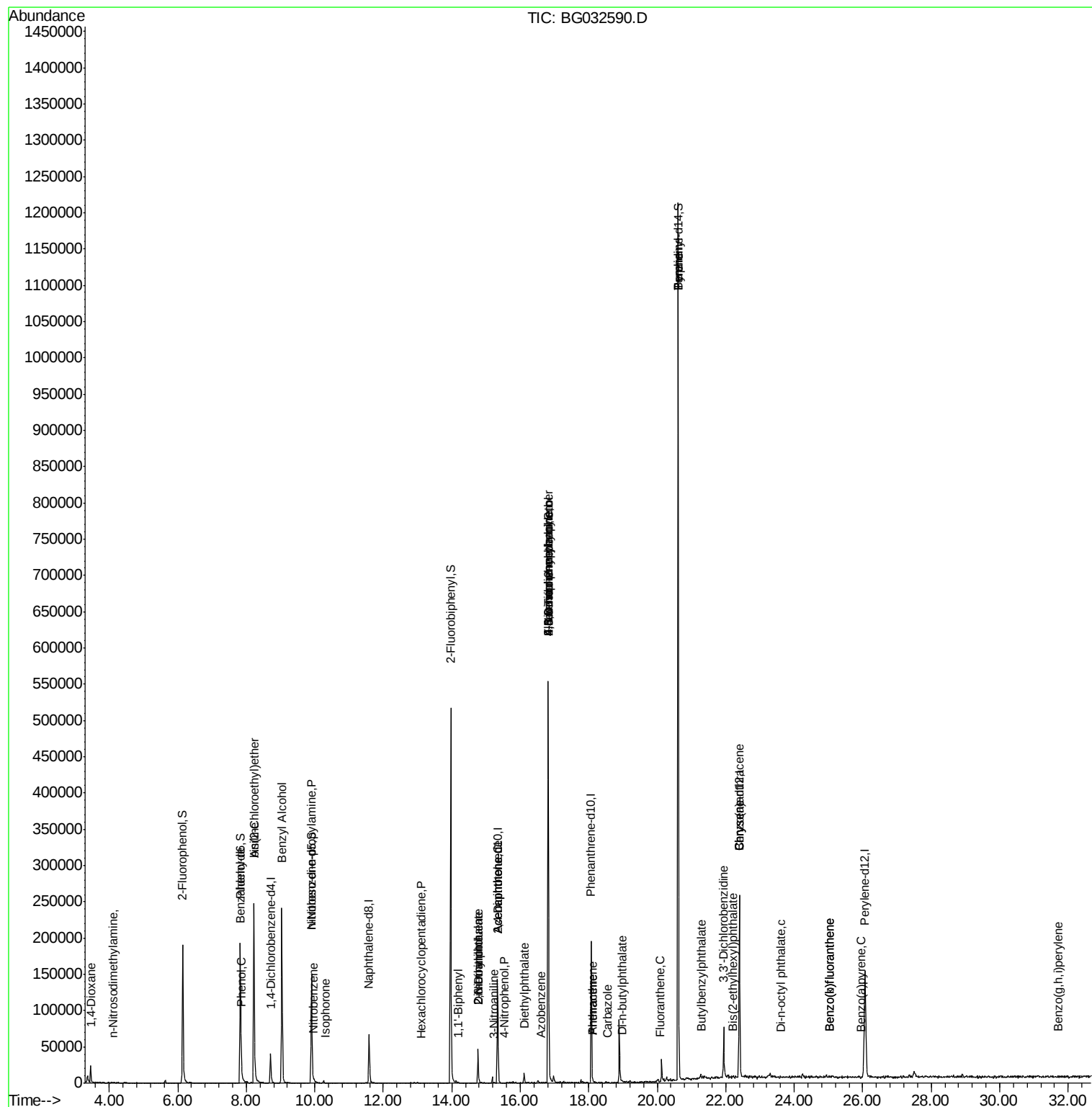
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) 3,3'-Dichlorobenzidine	21.93	252	123	0.027	ng	# 1
82) Chrysene	22.40	228	344	0.030	ng	# 17
83) Bis(2-ethylhexyl)phthalate	22.22	149	875	0.165	ng	# 50
84) Di-n-octyl phthalate	23.60	149	102	0.012	ng	# 1
87) Benzo(b)fluoranthene	25.02	252	65	0.005	ng	# 59
88) Benzo(k)fluoranthene	25.02	252	65	0.005	ng	# 60
89) Benzo(a)pyrene	25.94	252	65	0.005	ng	# 59
91) Benzo(a,h,i)perylene	31.71	276	62	0.005	ng	# 56

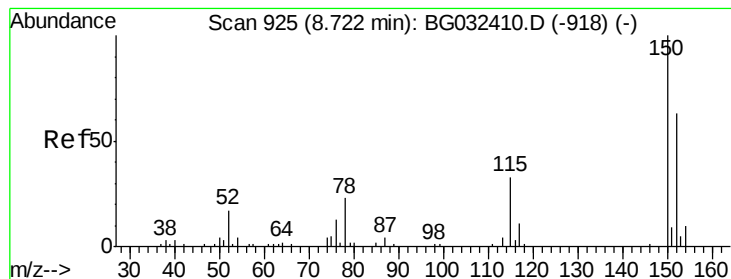
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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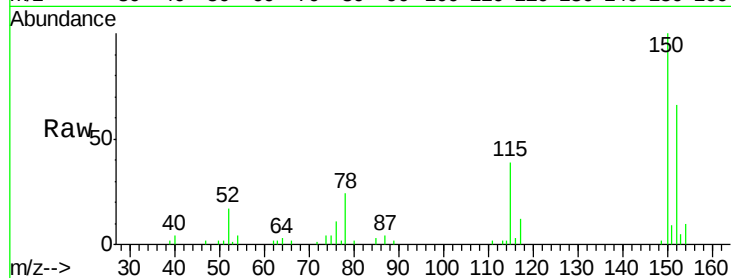


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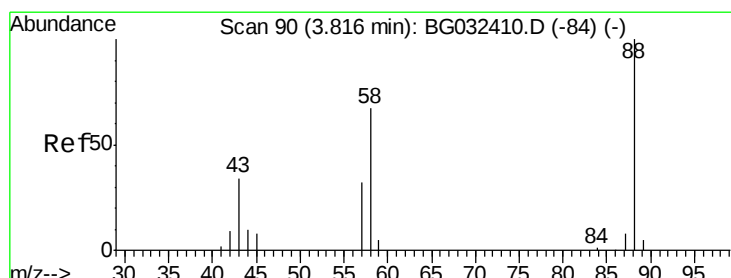
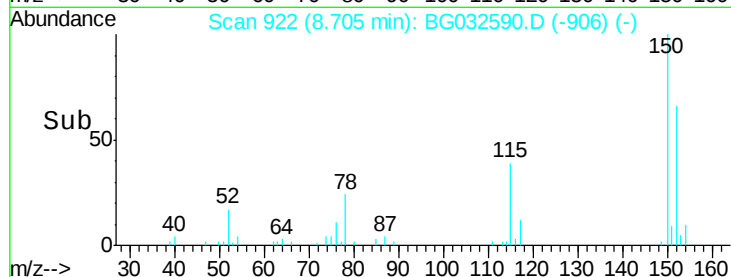
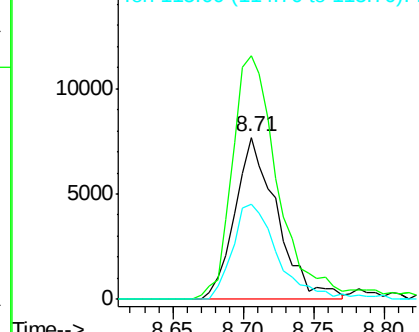
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	58.6	53.0	79.4



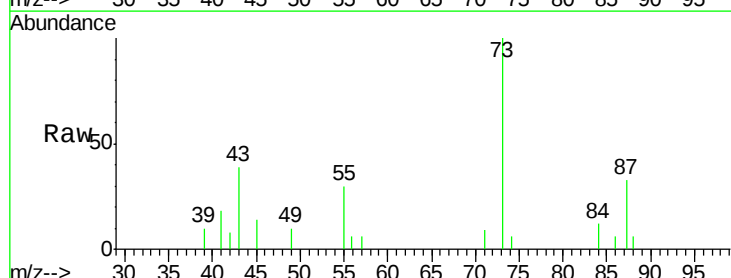
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



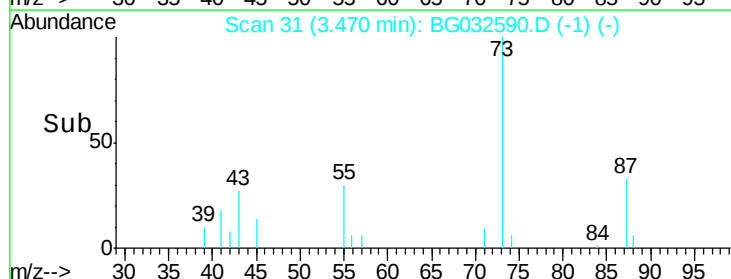
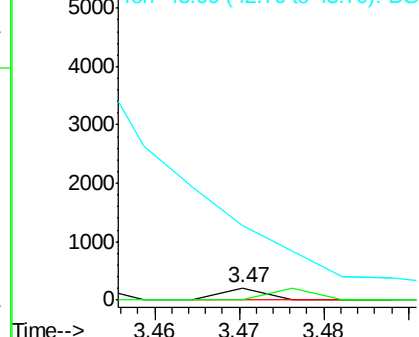
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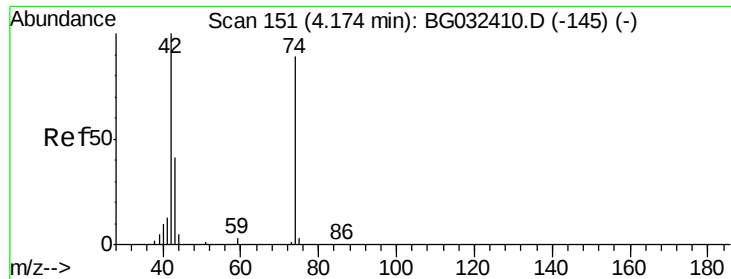
1,4-Dioxane
Concen: 0.275 ng
RT: 3.47 min Scan# 31
Delta R.T. -0.34 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.6	79.6	119.4
43	0.0	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



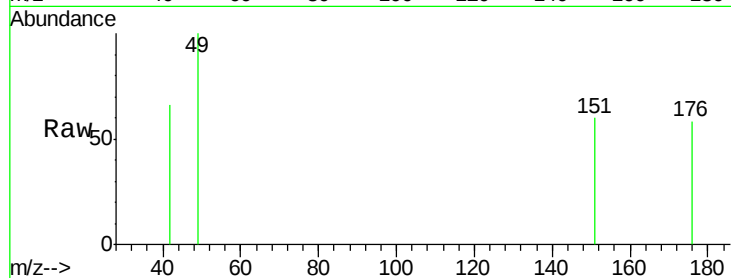


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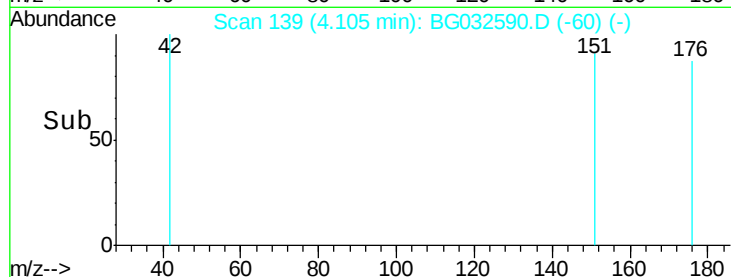
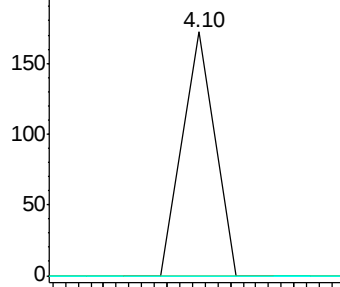
n-Nitrosodimethylamine
 Concen: 0.161 ng
 RT: 4.10 min Scan# 139
 Delta R.T. -0.06 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

Instrument :
 BNA_G
 ClientSampleId :

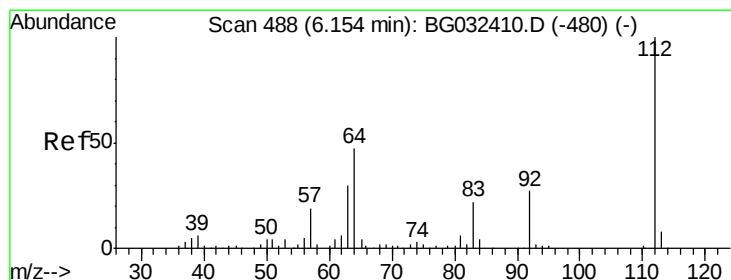
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	0.0	18.9	28.3#



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



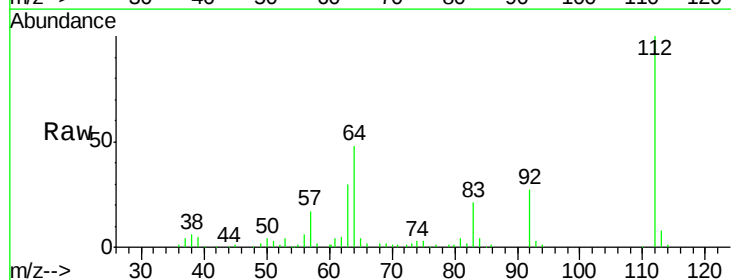
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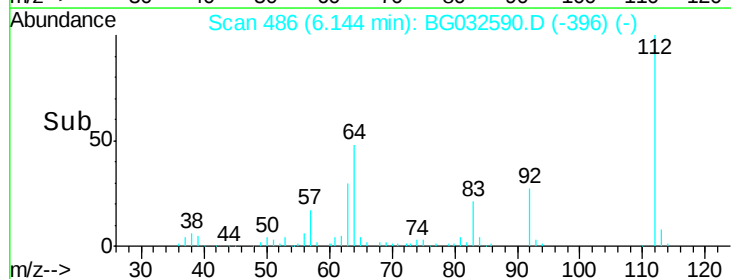
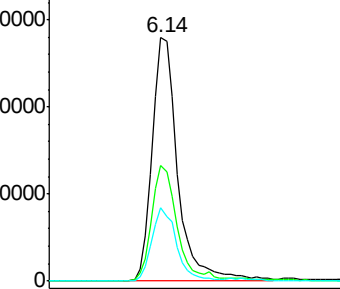
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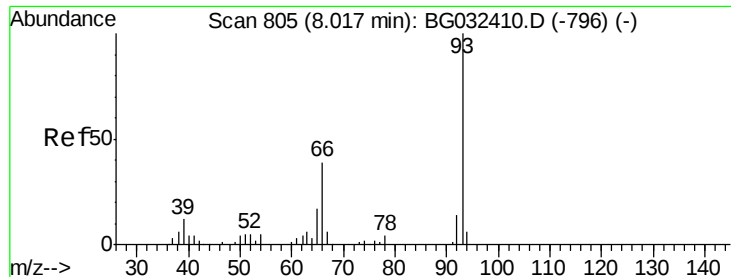
2-Fluorophenol
 Concen: 136.982 ng
 RT: 6.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.7	56.3	84.5#
63	30.3	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: 8.22 min Scan# 839

Delta R.T. 0.21 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampleId :

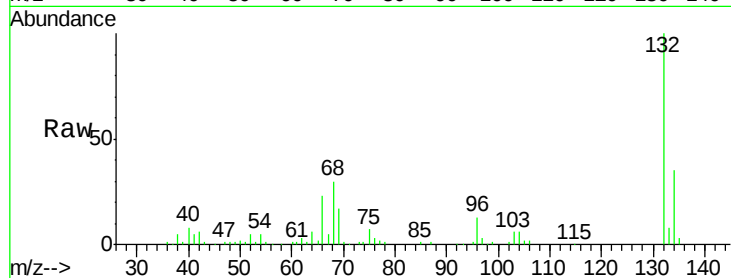
Tot Ion: 93 Resp: 56

Ion Ratio Lower Upper

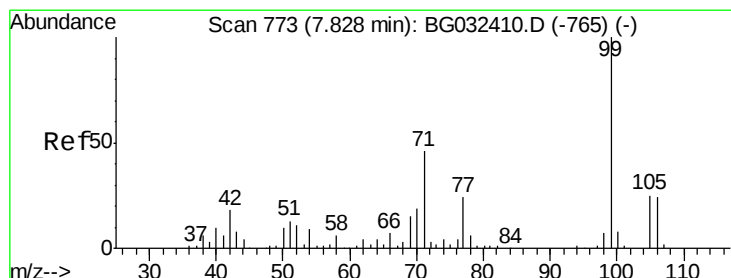
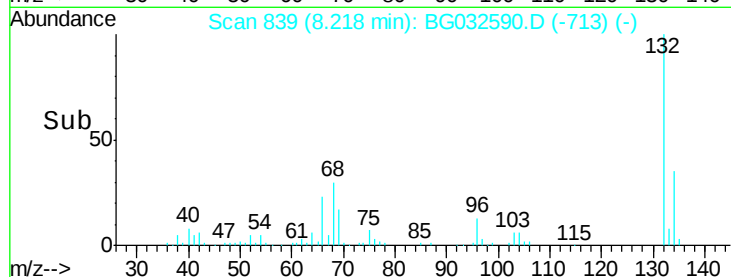
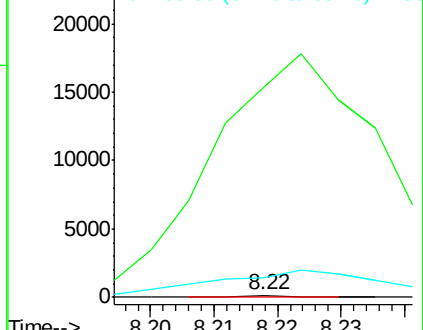
93 100

66 9608.1 33.7 50.5#

65 901.2 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: 134.323 ng

RT: 7.82 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

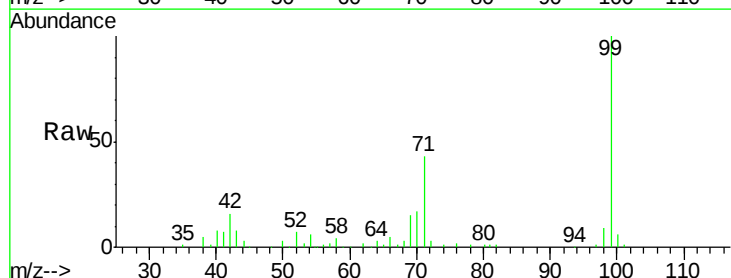
Tgt Ion: 99 Resp: 143569

Ion Ratio Lower Upper

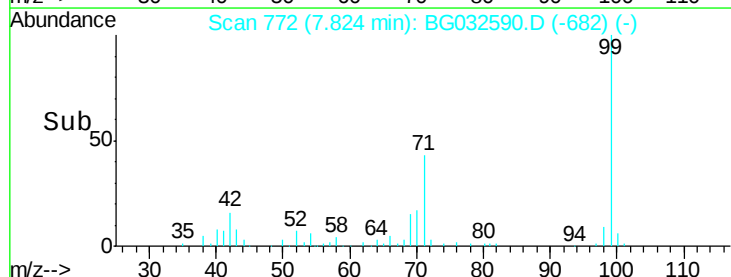
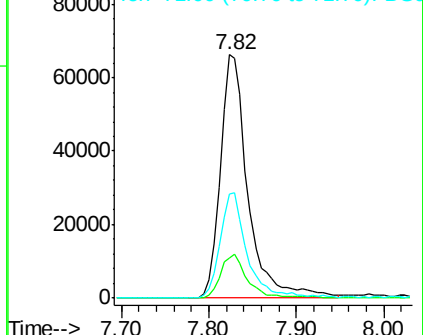
99 100

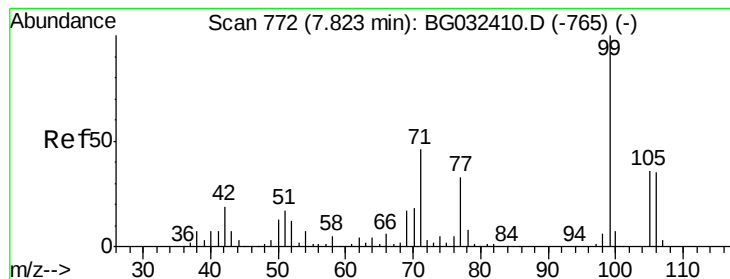
42 16.4 14.1 21.1

71 42.9 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: 0.107 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.03 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampleId :

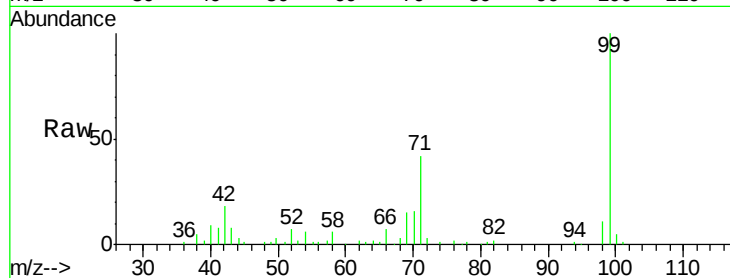
Tot Ion: 77 Resp: 59

Ion Ratio Lower Upper

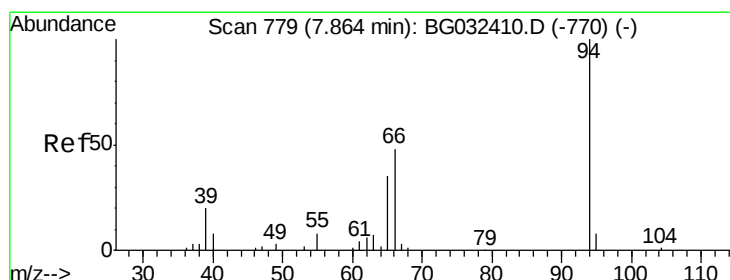
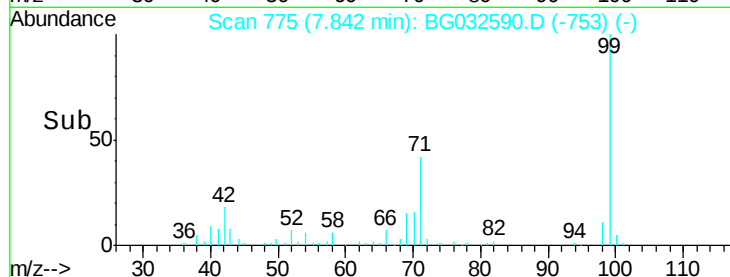
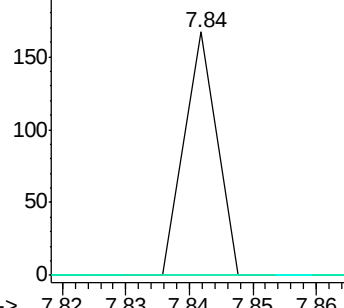
77 100

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: 2.550 ng

RT: 7.86 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

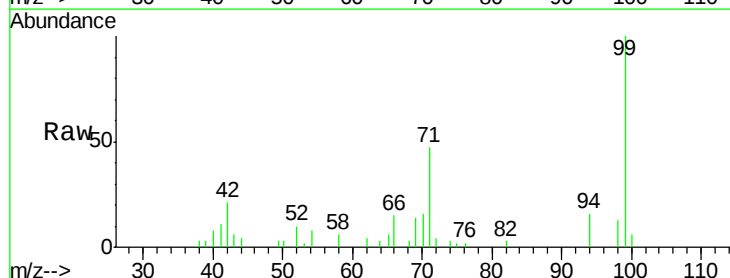
Tgt Ion: 94 Resp: 2588

Ion Ratio Lower Upper

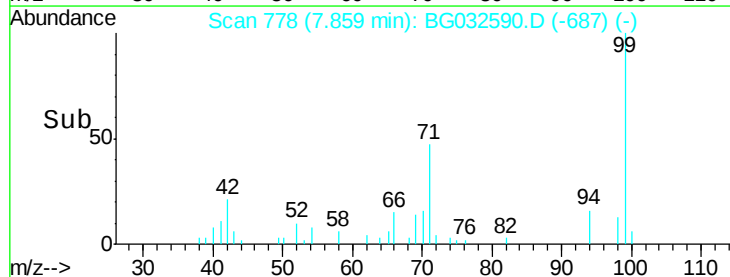
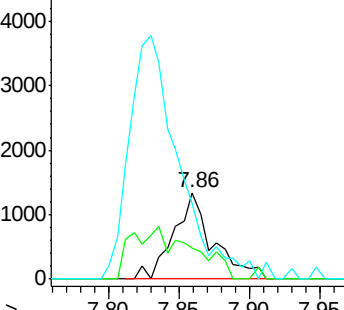
94 100

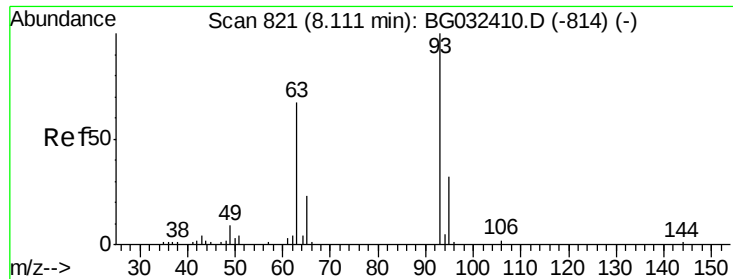
65 36.6 11.9 51.9

66 88.6 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

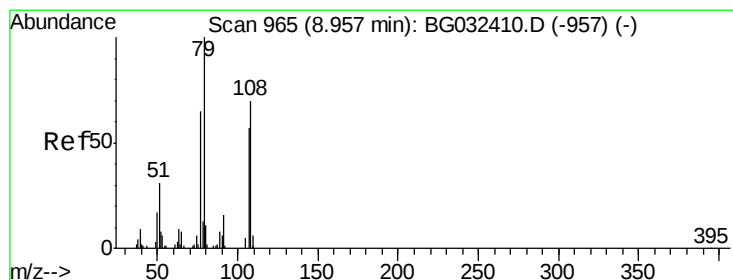
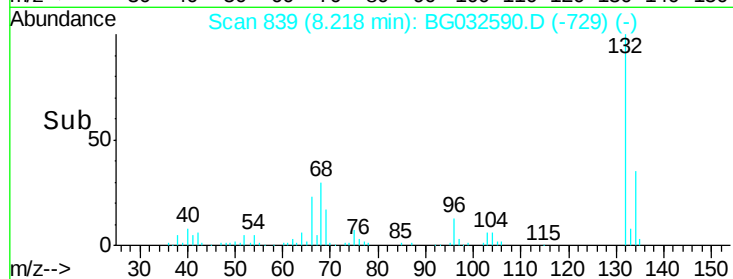
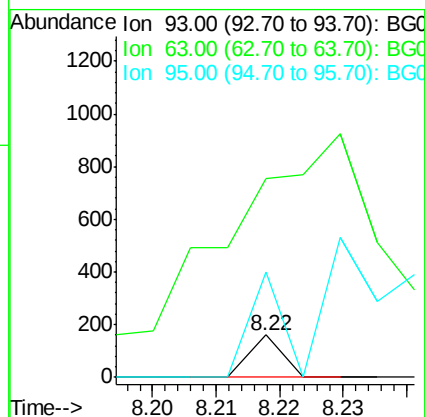
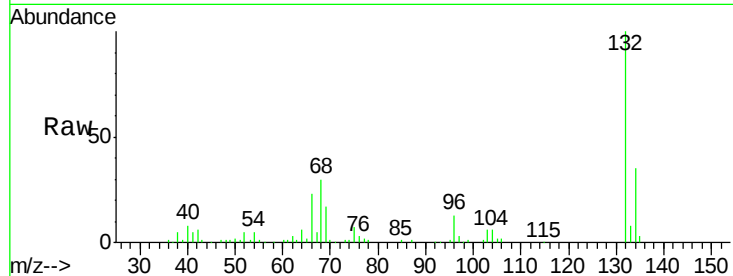




#11
bis(2-Chloroethyl)ether
Concen: 0.072 ng
RT: 8.22 min Scan# 839
Delta R.T. 0.12 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

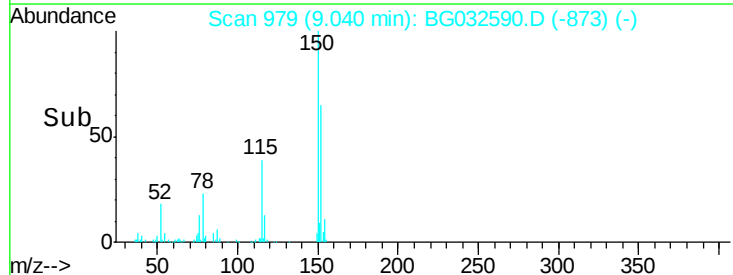
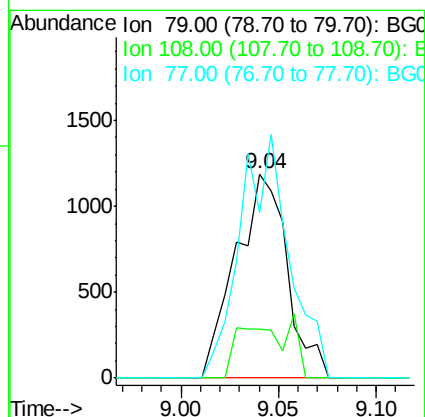
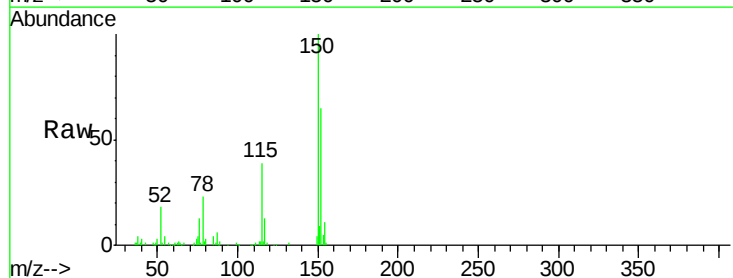
Instrument :
BNA_G
ClientSampleId :

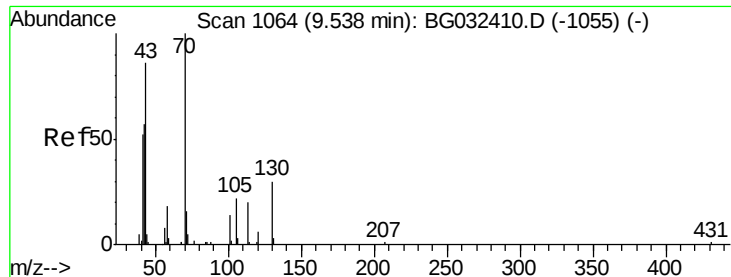
Tot Ion: 93 Resp: 56
Ion Ratio Lower Upper
93 100
63 471.2 67.1 107.1#
95 249.4 11.5 51.5#



#15
Benzyl Alcohol
Concen: 2.462 ng
RT: 9.04 min Scan# 979
Delta R.T. 0.10 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

Tgt Ion: 79 Resp: 2169
Ion Ratio Lower Upper
79 100
108 24.3 57.2 85.8#
77 81.0 46.1 69.1#

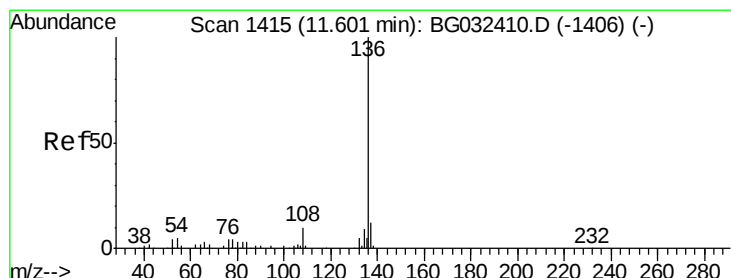
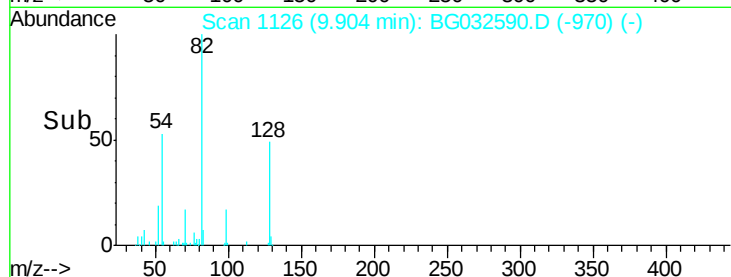
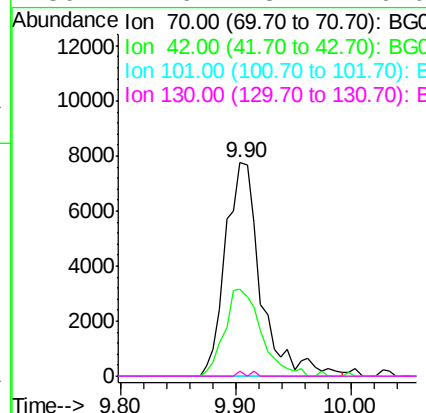
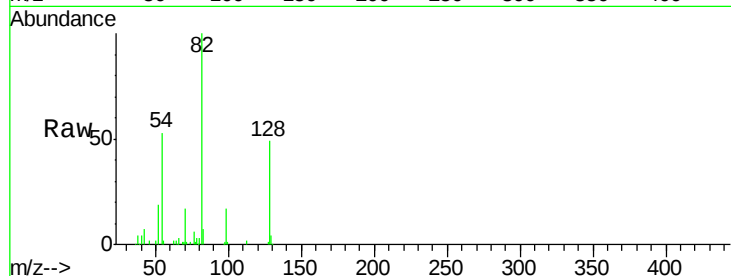




#19
n-Nitroso-di-n-propylamine
Concen: 23.133 ng
RT: 9.90 min Scan# 1126
Delta R.T. 0.39 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

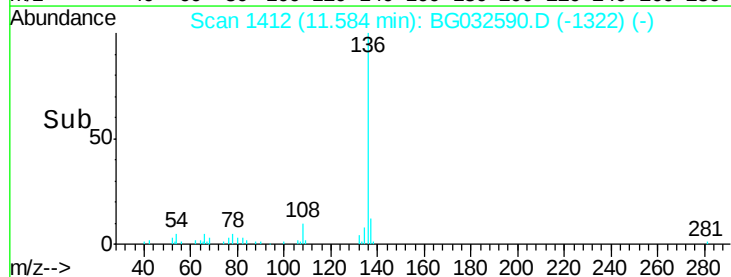
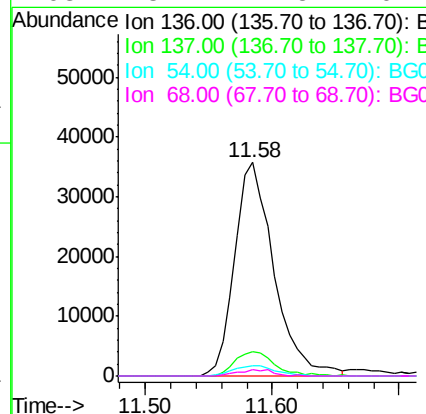
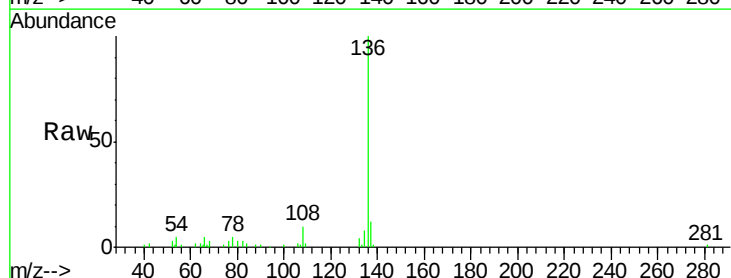
Instrument :
BNA_G
ClientSampled :

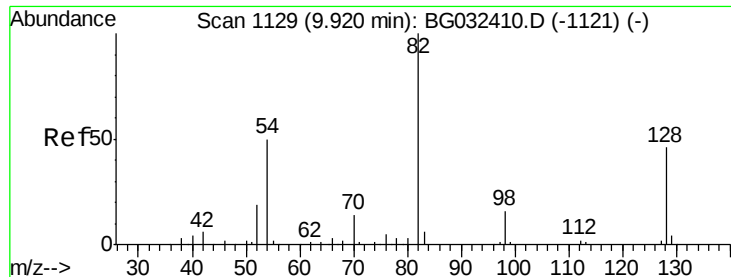
Tot Ion: 70 Resp: 16394
Ion Ratio Lower Upper
70 100
42 40.9 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

Tgt Ion: 136 Resp: 76666
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 4.9 10.3 15.5#
68 3.1 4.5 6.7#

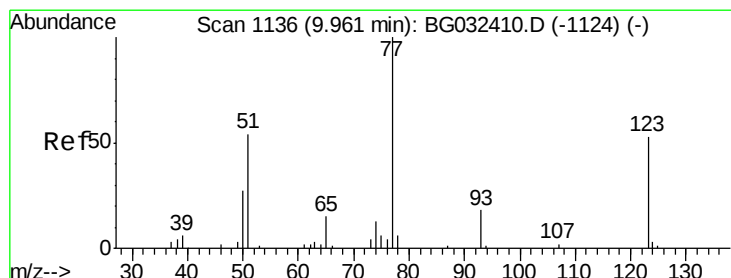
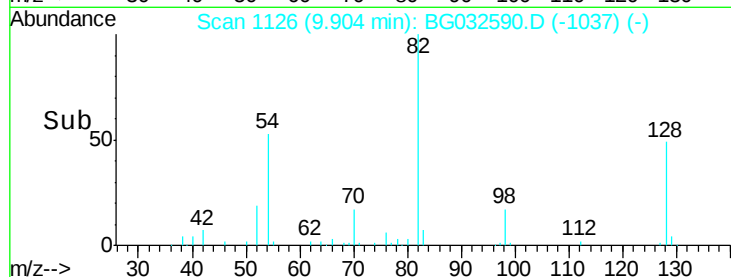
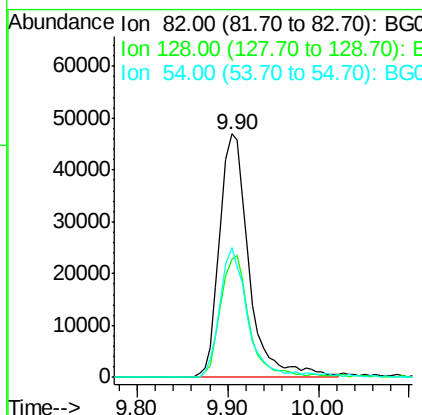
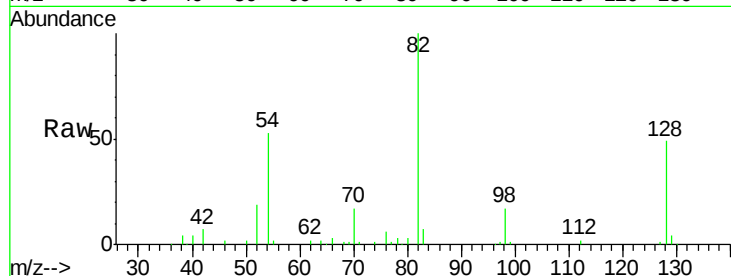




#23
 Nitrobenzene-d5
 Concen: 86.375 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

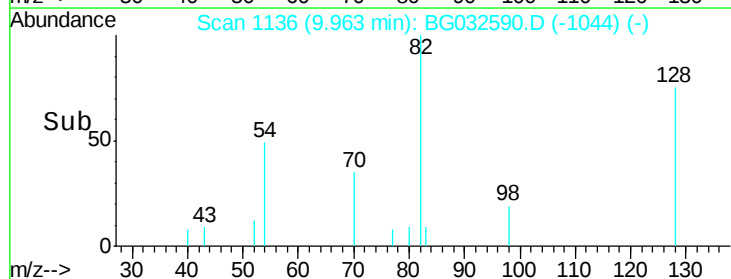
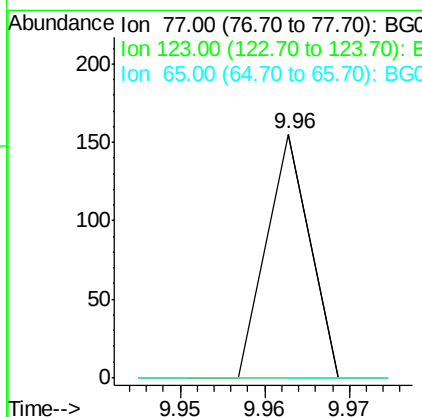
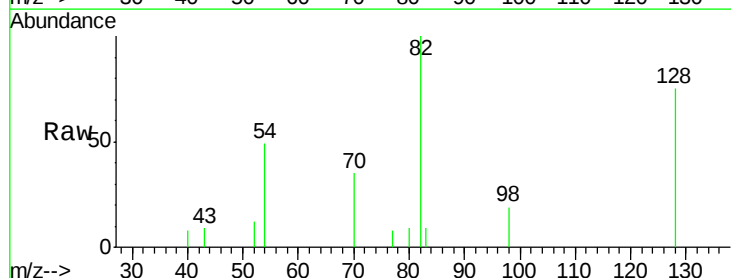
Instrument :
 BNA_G
 ClientSampleId :

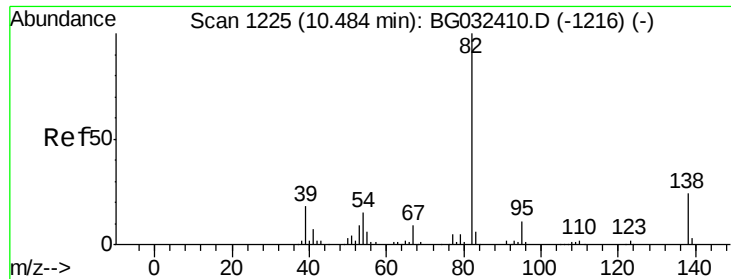
Tot Ion: 82 Resp: 106020
 Ion Ratio Lower Upper
 82 100
 128 48.7 29.7 44.5#
 54 53.3 43.1 64.7



#24
 Nitrobenzene
 Concen: 0.046 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

Tgt Ion: 77 Resp: 55
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#





#25

Isophorone

Concen: 0.140 ng

RT: 10.31 min Scan# 1195

Delta R.T. -0.16 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampled :

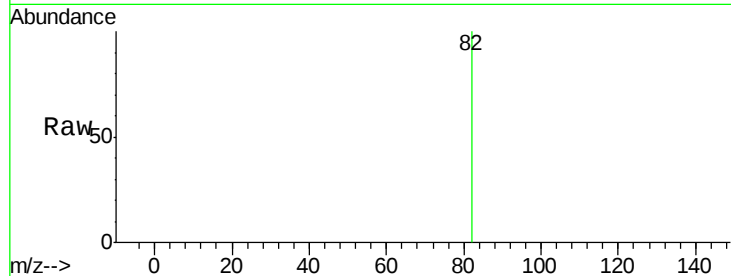
Tot Ion: 82 Resp: 292

Ion Ratio Lower Upper

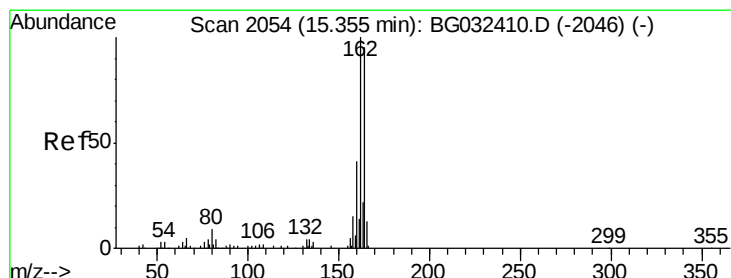
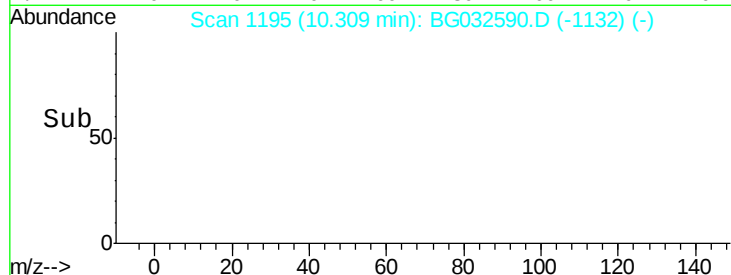
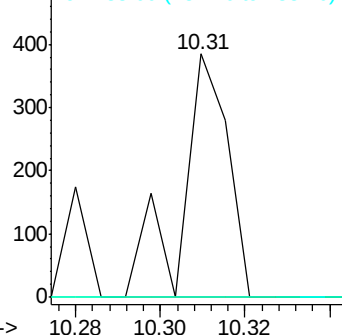
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

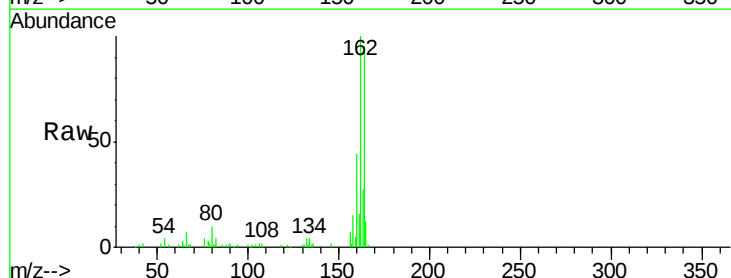
Tgt Ion: 164 Resp: 55126

Ion Ratio Lower Upper

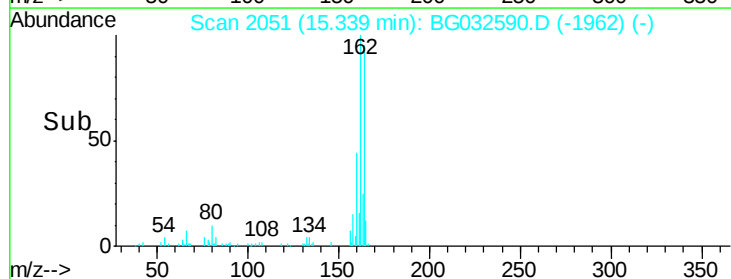
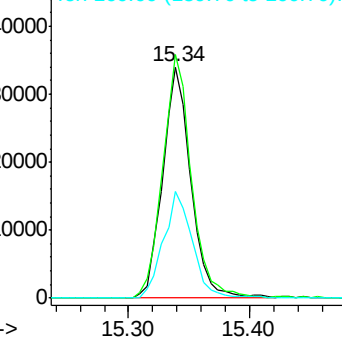
164 100

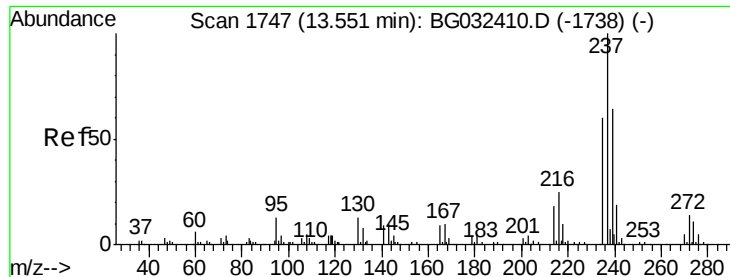
162 105.4 78.8 118.2

160 46.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 0.046 ng

RT: 13.11 min Scan# 1671

Delta R.T. -0.42 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampleId :

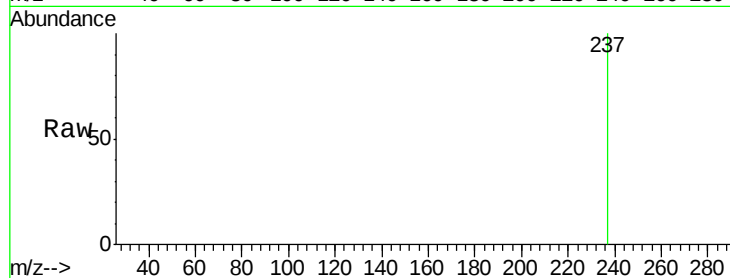
Tot Ion:237 Resp: 74

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

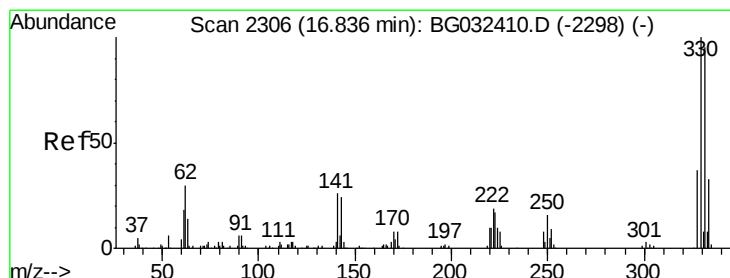
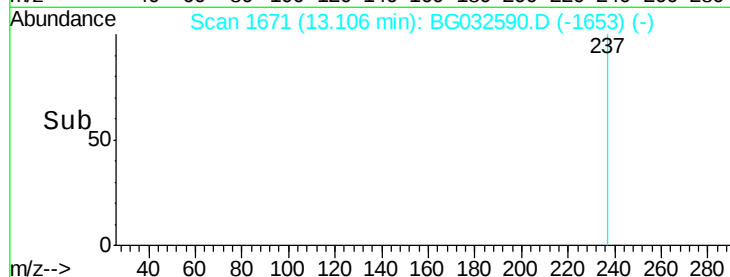
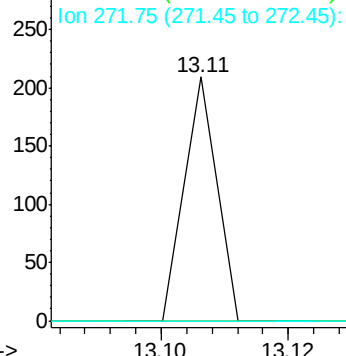
272 0.0 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 144.310 ng

RT: 16.82 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

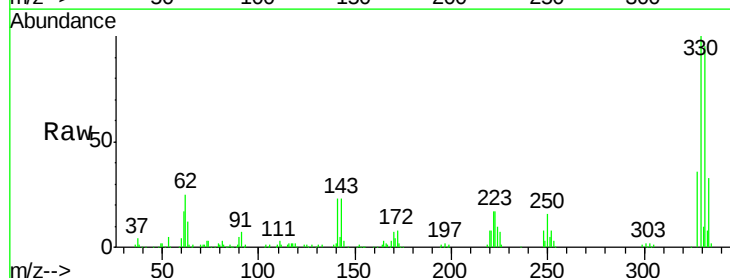
Tgt Ion:330 Resp: 151428

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

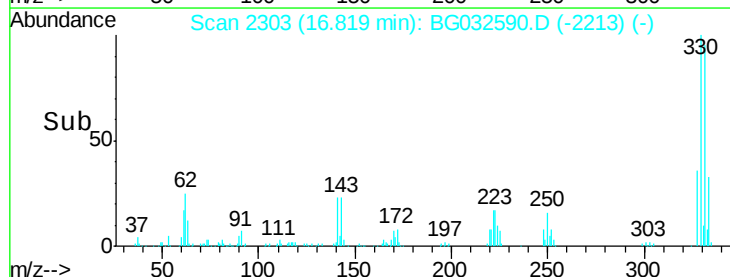
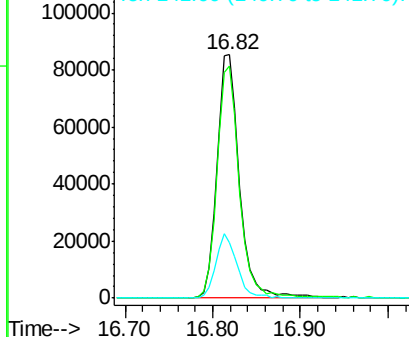
141 24.9 25.2 37.8#

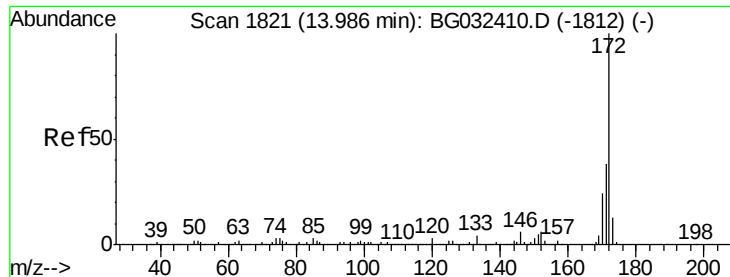


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

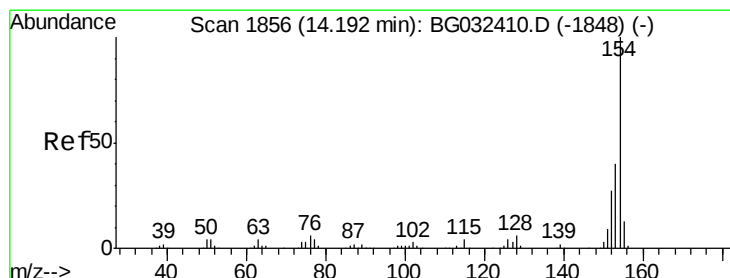
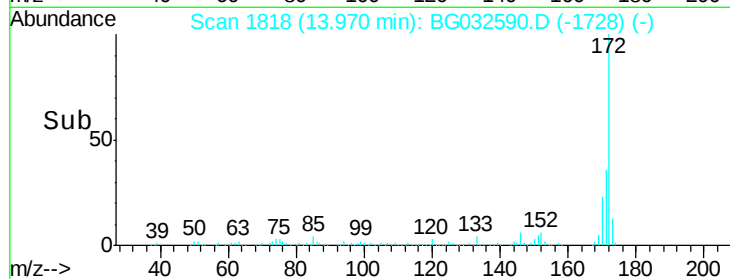
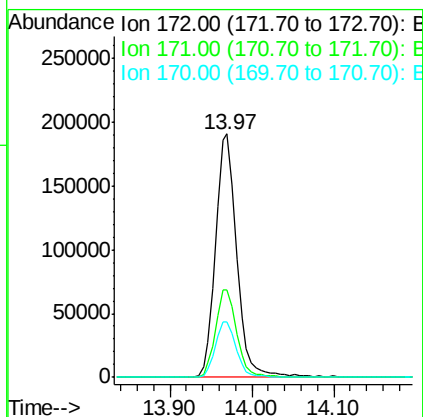
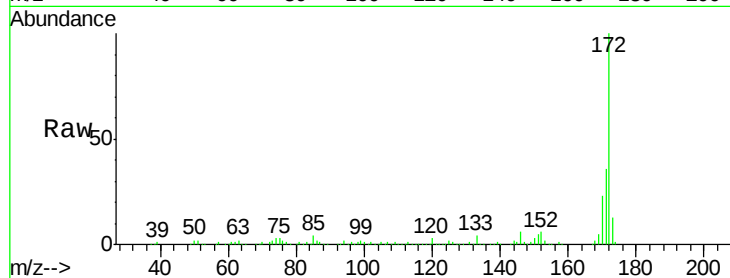




#44
 2-Fluorobiphenyl
 Concen: 74.620 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

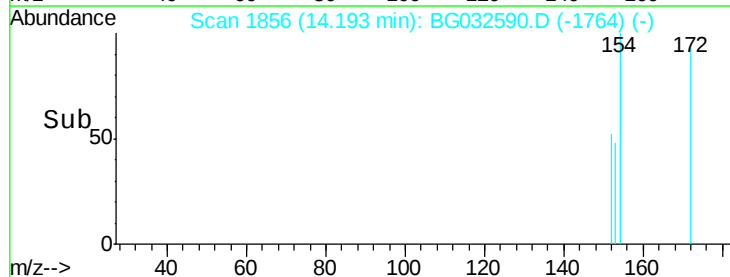
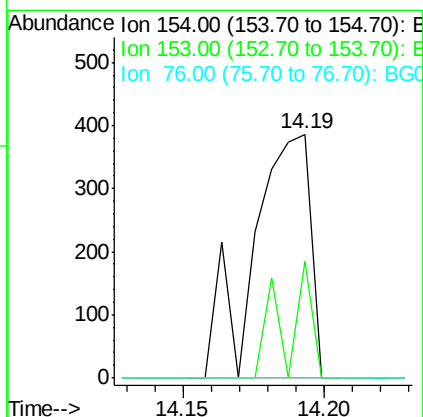
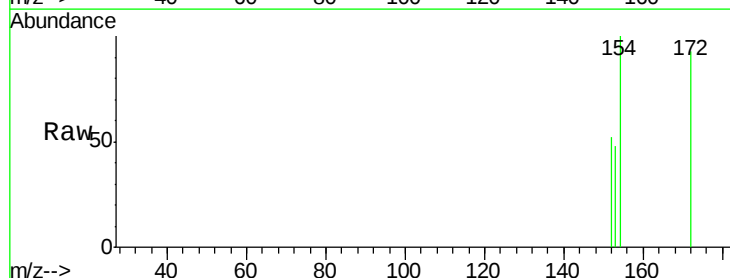
Instrument :
 BNA_G
 ClientSampleId :

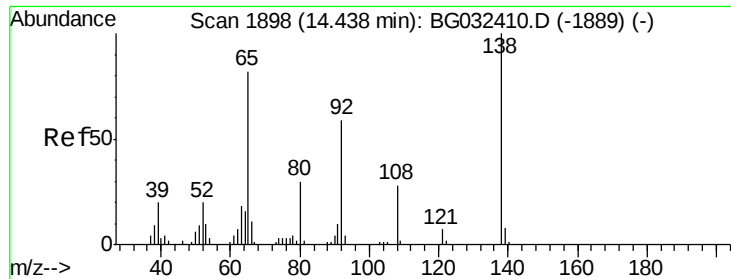
Tot Ion:172 Resp: 346090
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 22.7 19.5 29.3



#45
 1,1'-Biphenyl
 Concen: 0.116 ng
 RT: 14.19 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

Tgt Ion:154 Resp: 542
 Ion Ratio Lower Upper
 154 100
 153 47.9 19.8 59.8
 76 0.0 0.0 31.9

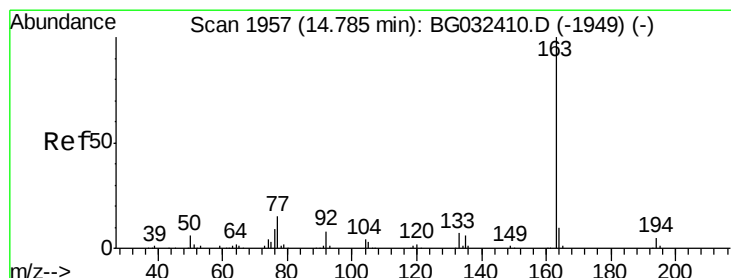
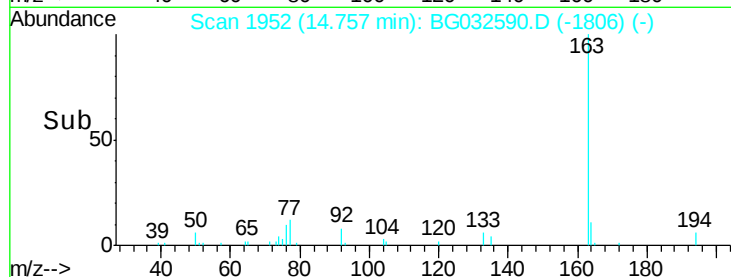
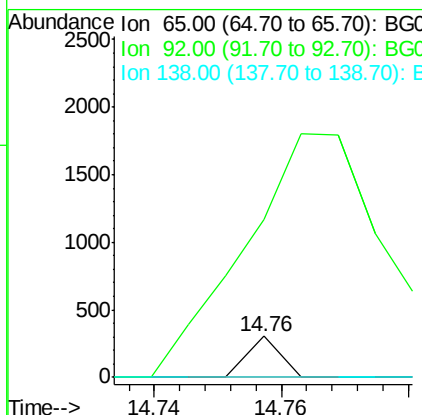
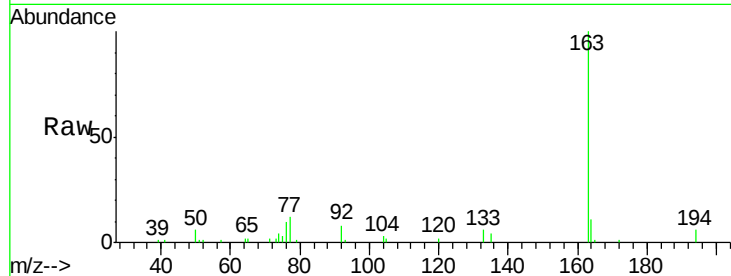




#47
2-Nitroaniline
Concen: 0.133 ng
RT: 14.76 min Scan# 1952
Delta R.T. 0.33 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

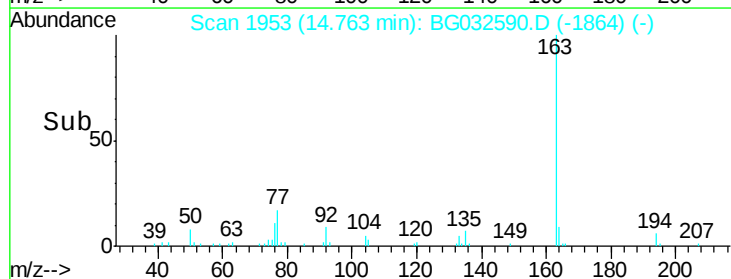
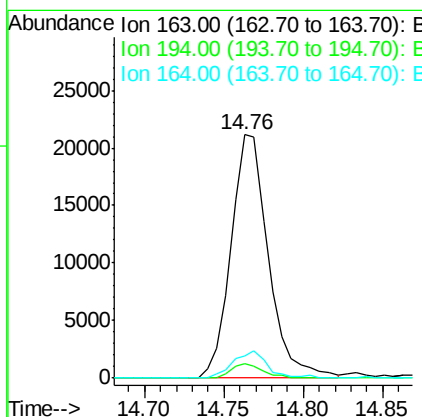
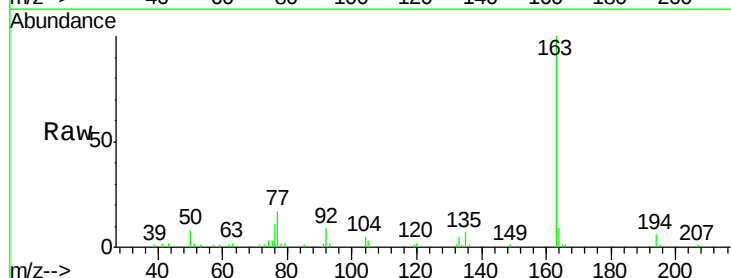
Instrument :
BNA_G
ClientSampleId :

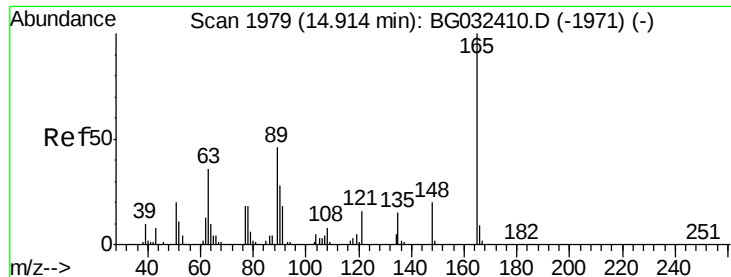
Tot Ion: 65 Resp: 107
Ion Ratio Lower Upper
65 100
92 385.1 54.6 82.0#
138 0.0 72.9 109.3#



#49
Dimethylphthalate
Concen: 6.782 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

Tgt Ion:163 Resp: 34473
Ion Ratio Lower Upper
163 100
194 6.2 3.4 5.2#
164 9.2 8.2 12.4

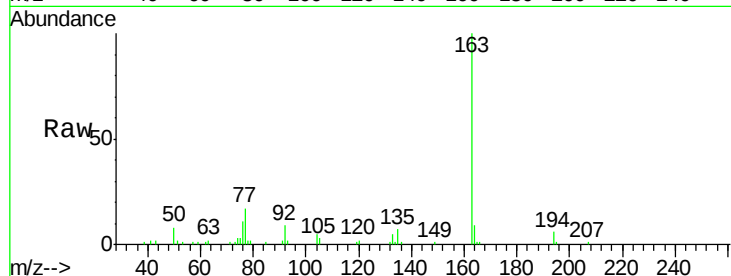




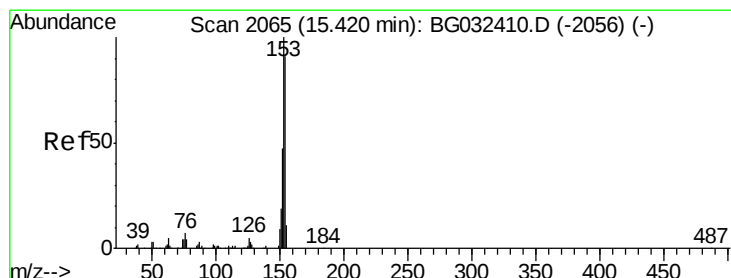
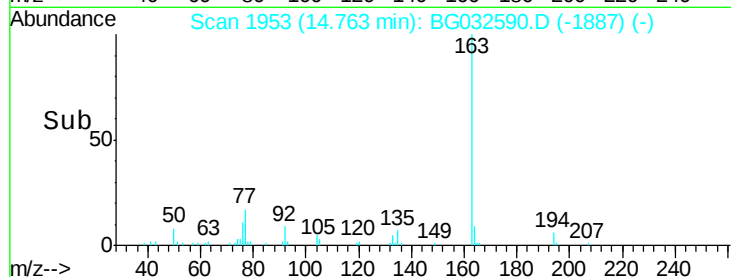
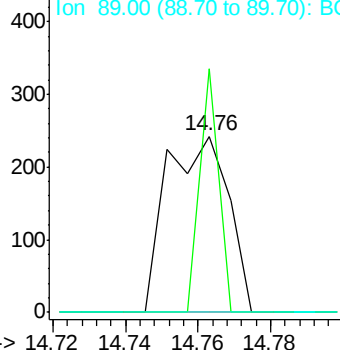
#50
 2,6-Dinitrotoluene
 Concen: 0.268 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.14 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 286
 Ion Ratio Lower Upper
 165 100
 63 138.4 52.7 79.1#
 89 0.0 49.2 73.8#

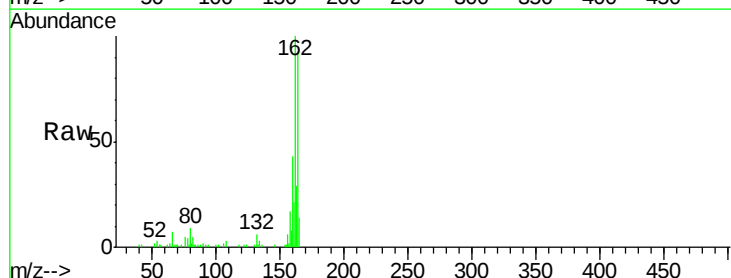


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

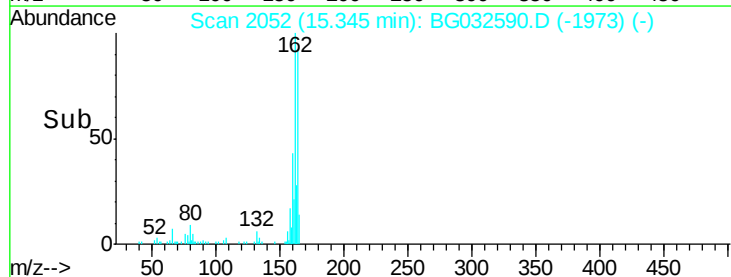
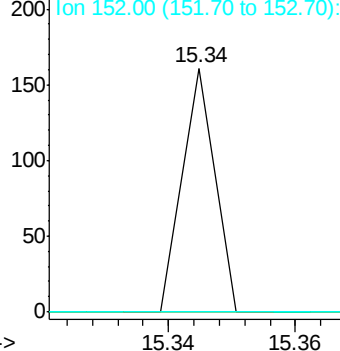


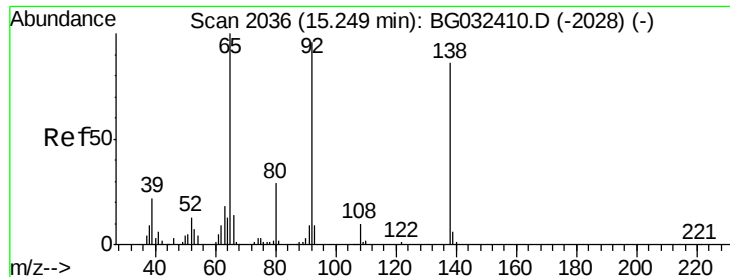
#51
 Acenaphthene
 Concen: 0.015 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.06 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

Tgt Ion:154 Resp: 57
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.4 135.6#
 152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.059 ng

RT: 15.23 min Scan# 2033

Delta R.T. -0.01 min

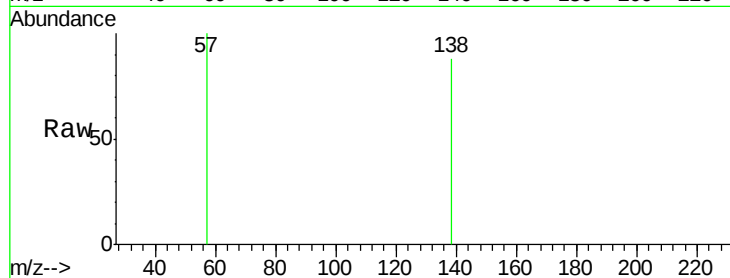
Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

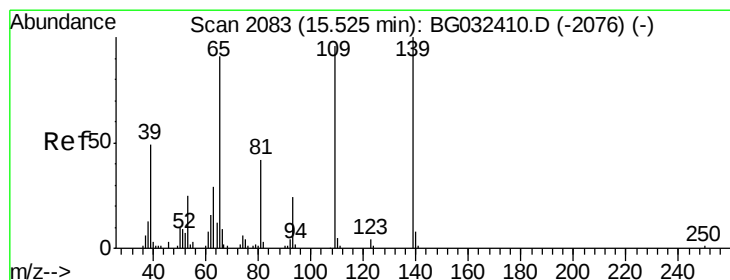
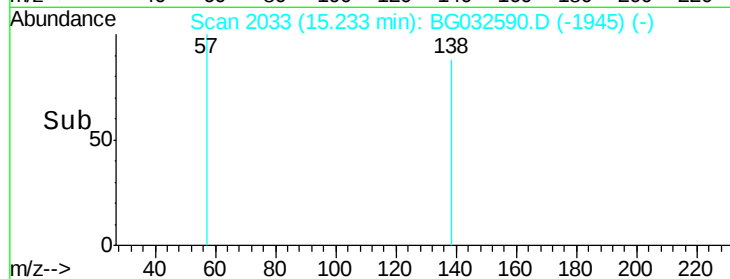
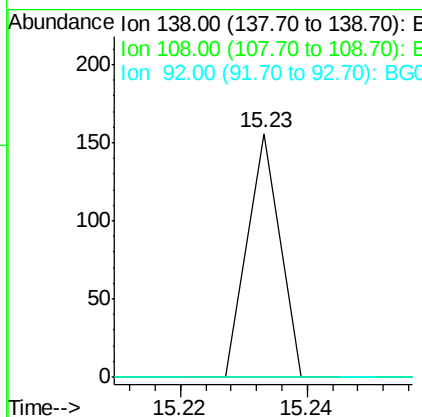
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	138	Resp:	55
Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	0.0	105.8	158.8#



#55

4-Nitrophenol

Concen: 0.086 ng

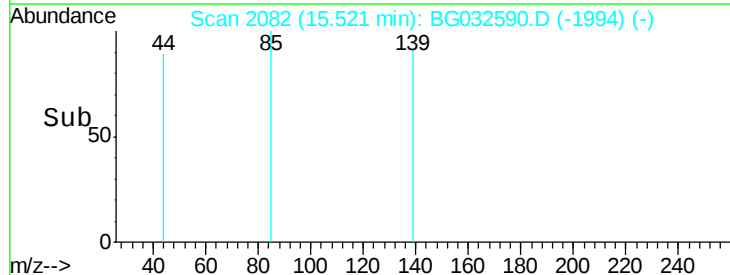
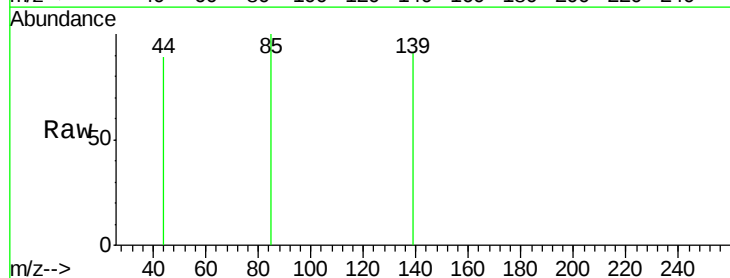
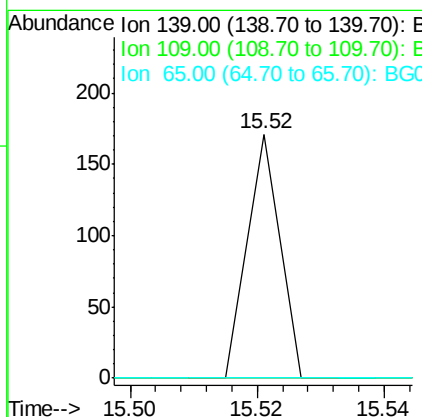
RT: 15.52 min Scan# 2082

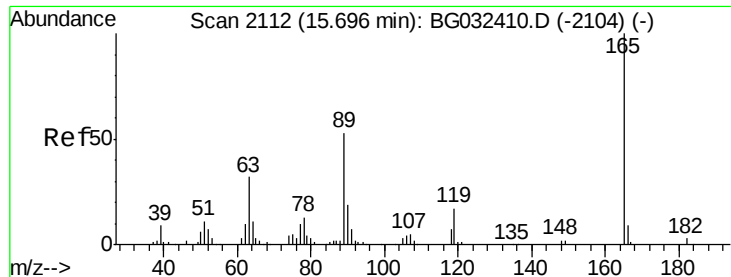
Delta R.T. -0.01 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Tgt Ion:	139	Resp:	60
Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#





#56

2,4-Dinitrotoluene

Concen: 4.892 ng

RT: 15.33 min Scan# 2050

Delta R.T. -0.35 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 7431

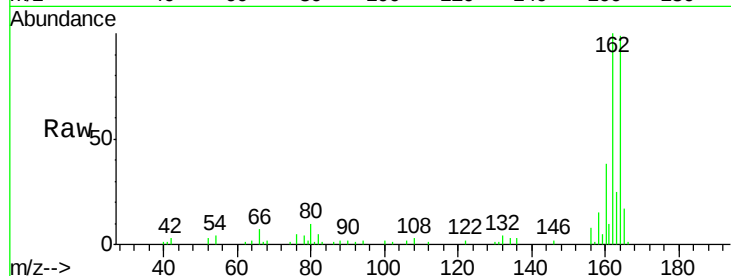
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

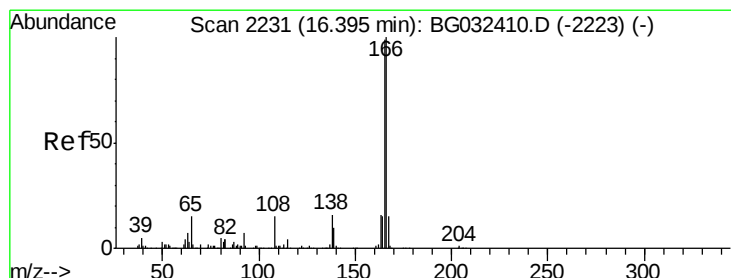
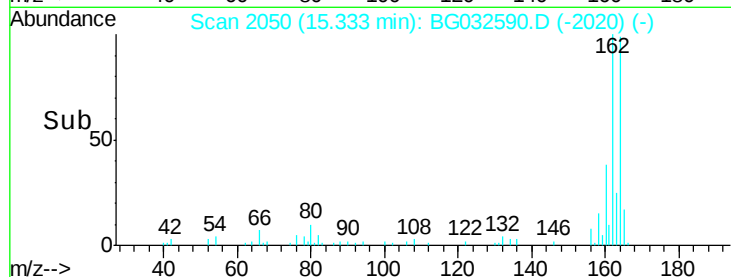
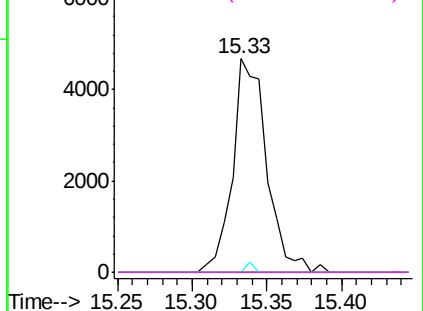


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.754 ng

RT: 16.81 min Scan# 2302

Delta R.T. 0.43 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

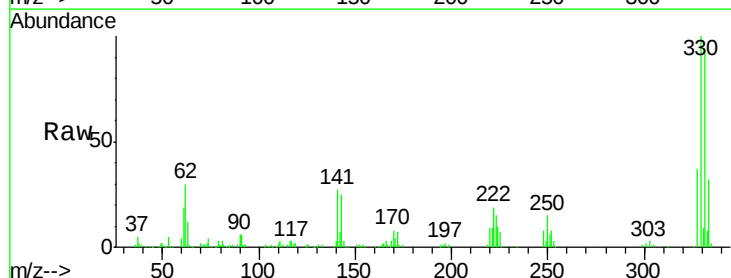
Tgt Ion:166 Resp: 3547

Ion Ratio Lower Upper

166 100

165 89.4 80.6 121.0

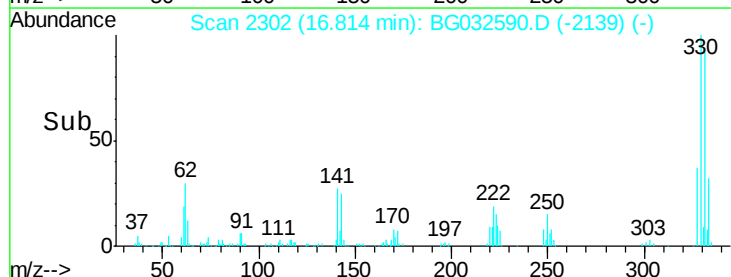
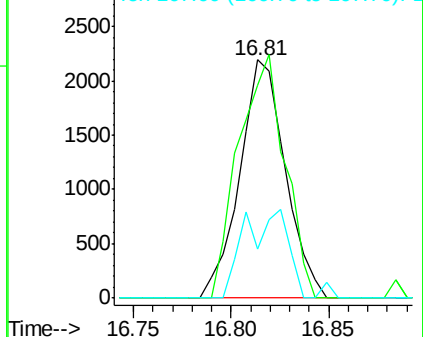
167 20.6 10.4 15.6#

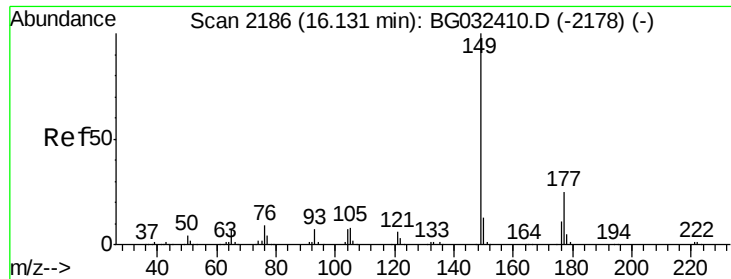


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

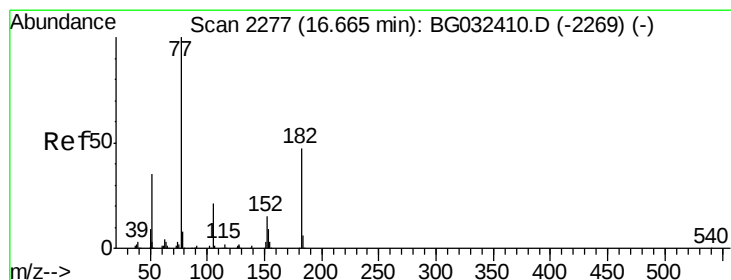
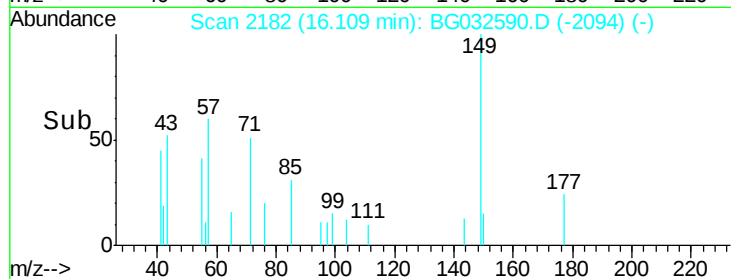
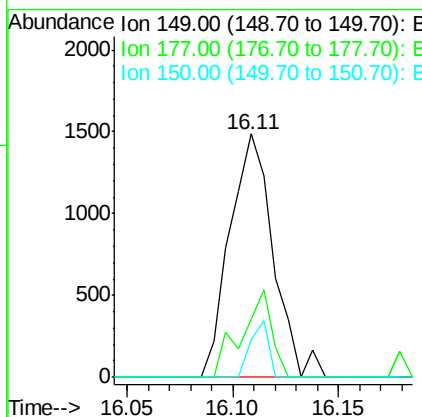
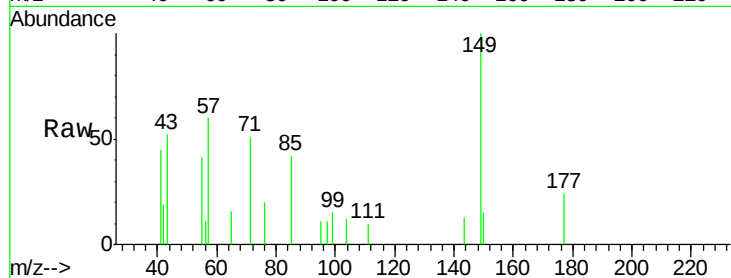




#59
Diethylphthalate
Concen: 0.427 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

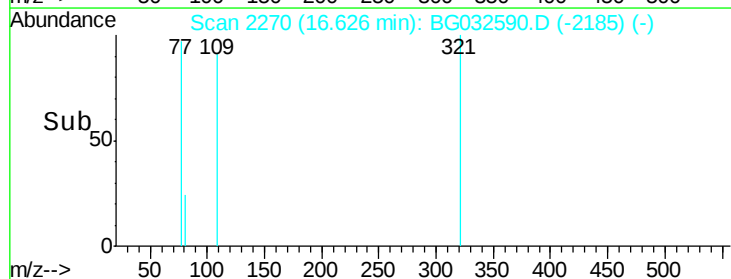
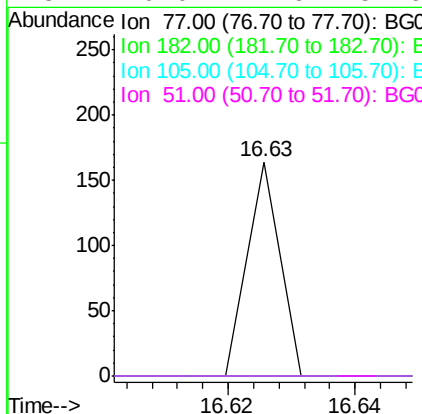
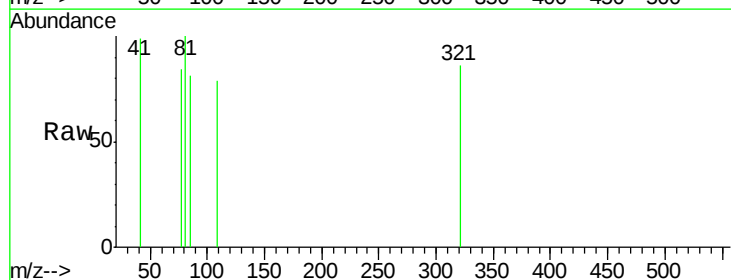
Instrument :
BNA_G
ClientSampleId :

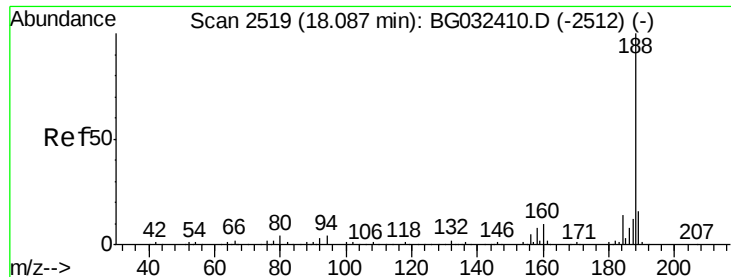
Tot Ion:149 Resp: 2112
Ion Ratio Lower Upper
149 100
177 23.9 18.5 27.7
150 15.3 10.2 15.2#



#62
Azobenzene
Concen: 0.020 ng
RT: 16.63 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

Tgt Ion: 77 Resp: 58
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 0.0 0.3 40.3#
51 0.0 11.6 51.6#

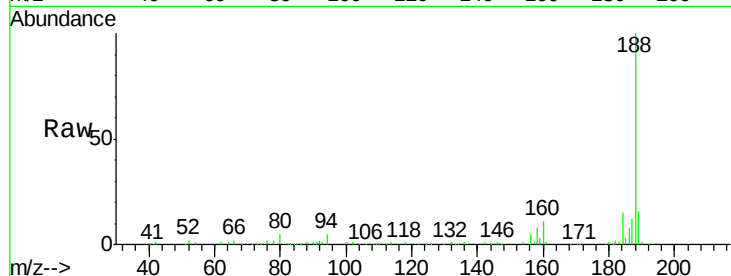




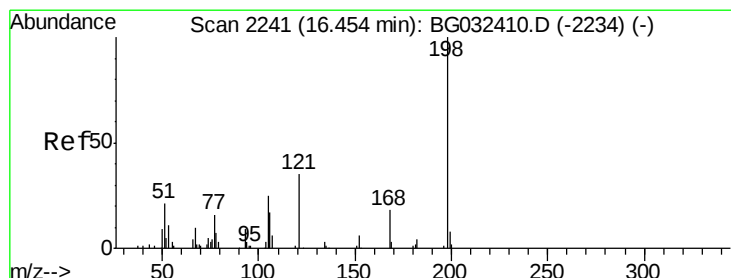
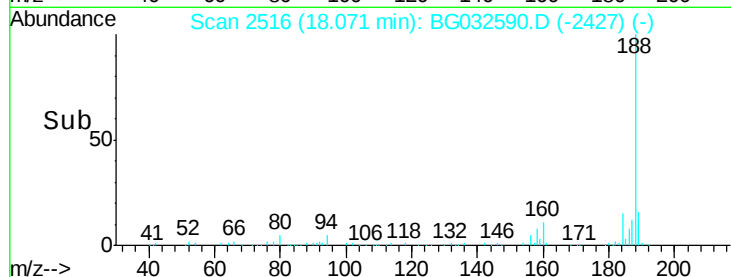
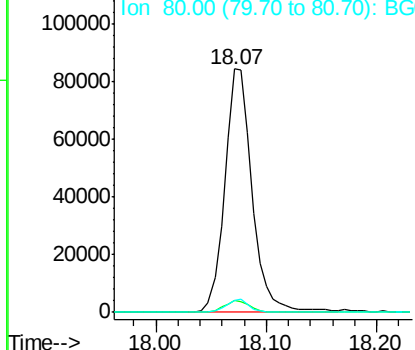
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 146111
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 4.7 7.7 11.5#

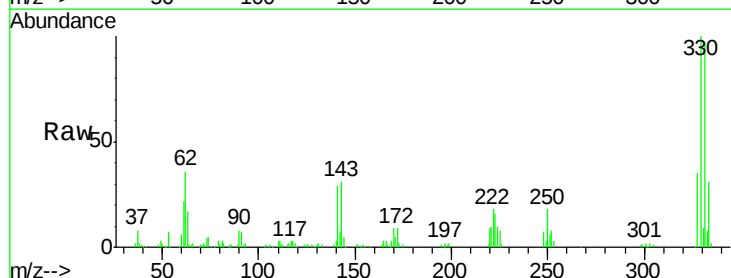


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

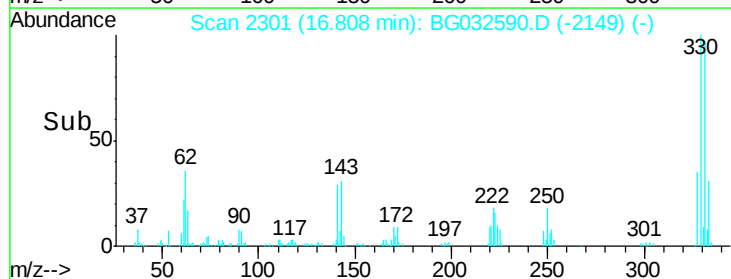
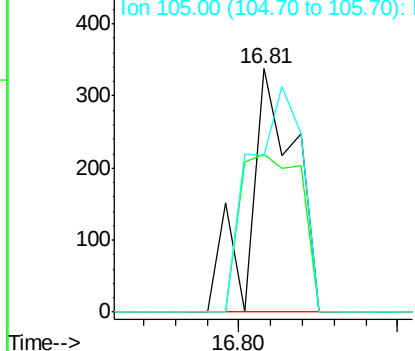


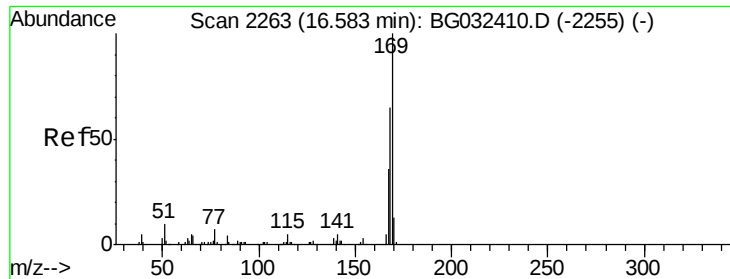
#64
4,6-Dinitro-2-methylphenol
Concen: 0.308 ng
RT: 16.81 min Scan# 2301
Delta R.T. 0.37 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

Tgt Ion:198 Resp: 336
Ion Ratio Lower Upper
198 100
51 109.8 30.6 70.6#
105 64.2 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

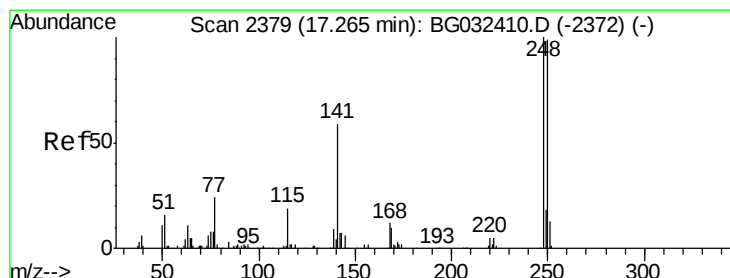
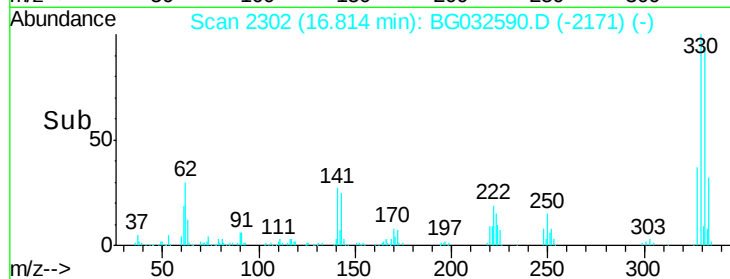
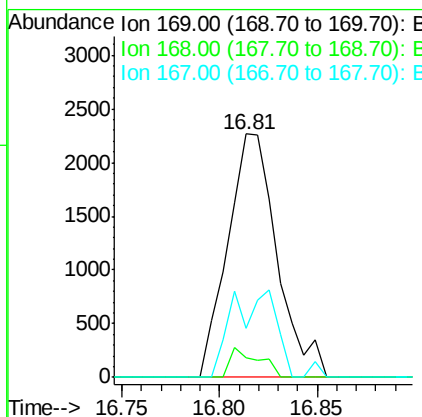
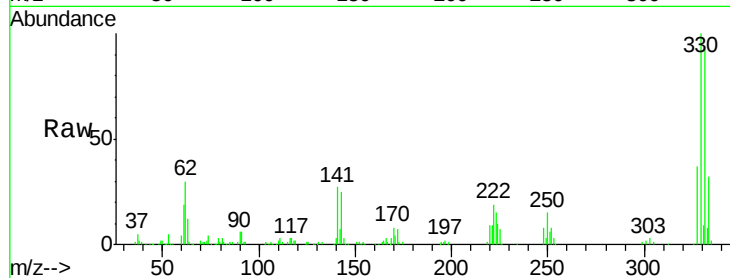




#65
 n-Nitrosodiphenylamine
 Concen: 0.910 ng
 RT: 16.81 min Scan# 2302
 Delta R.T. 0.24 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

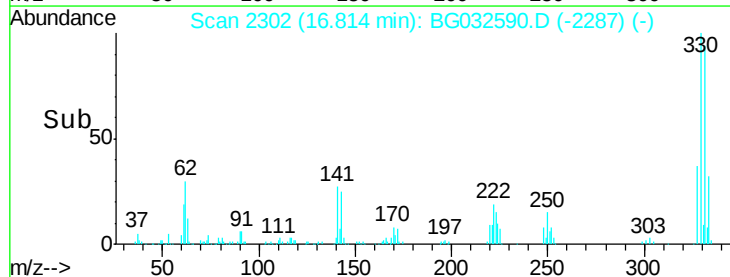
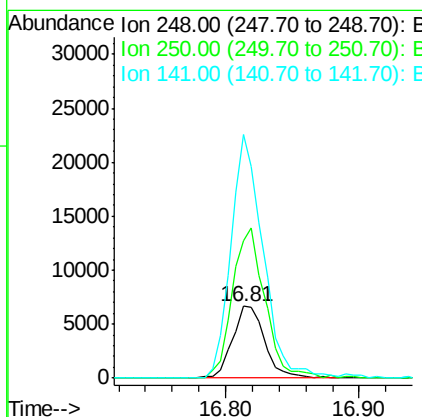
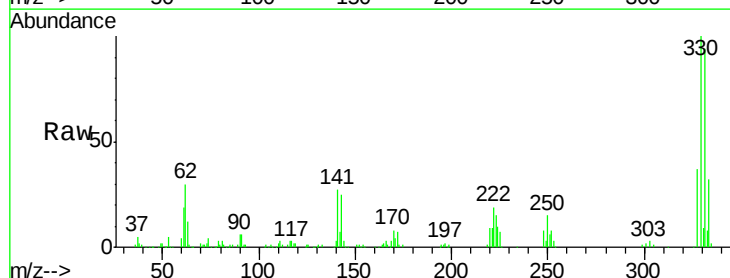
Instrument :
 BNA_G
 ClientSampleId :

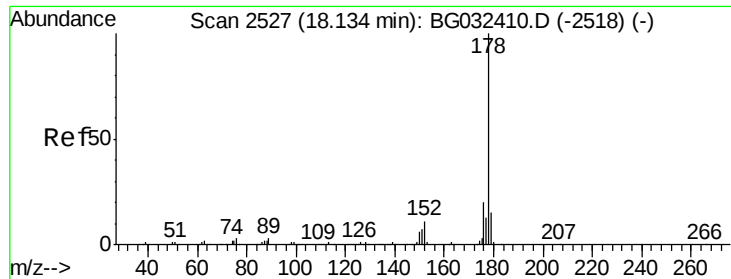
Tot Ion:169 Resp: 3967
 Ion Ratio Lower Upper
 169 100
 168 8.3 55.7 83.5#
 167 19.9 30.1 45.1#



#66
 4-Bromophenyl-phenylether
 Concen: 5.148 ng
 RT: 16.81 min Scan# 2302
 Delta R.T. -0.44 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

Tgt Ion:248 Resp: 11143
 Ion Ratio Lower Upper
 248 100
 250 191.2 77.1 115.7#
 141 340.5 50.8 76.2#





#70

Phenanthrene

Concen: 0.008 ng

RT: 18.12 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampleId :

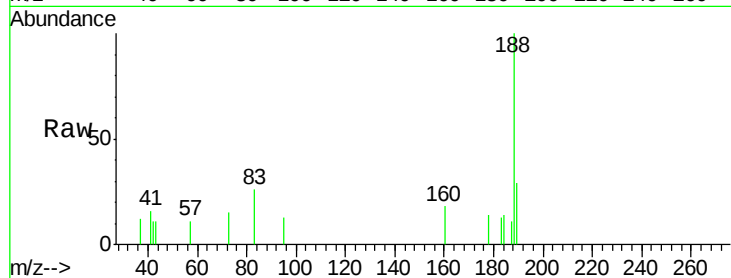
Tot Ion:178 Resp: 69

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

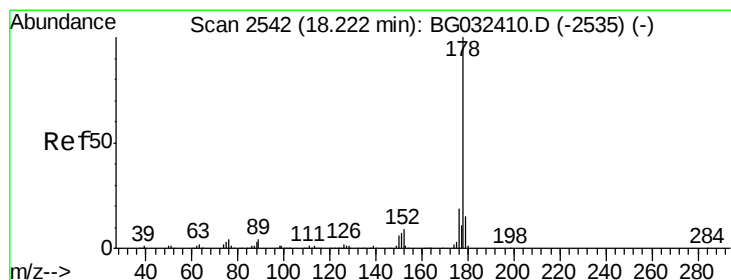
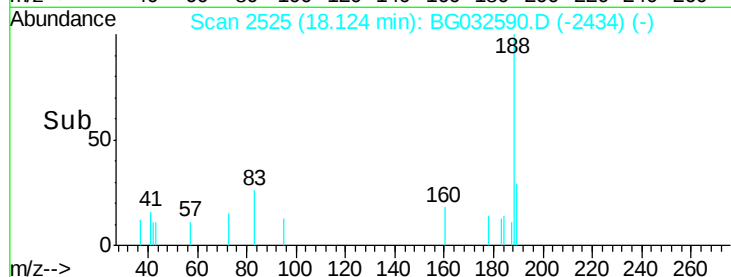
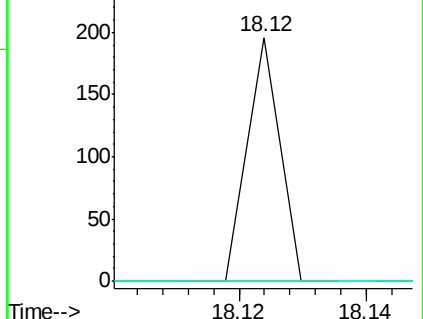
179 0.0 12.5 18.7#



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: 0.009 ng

RT: 18.12 min Scan# 2525

Delta R.T. -0.09 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

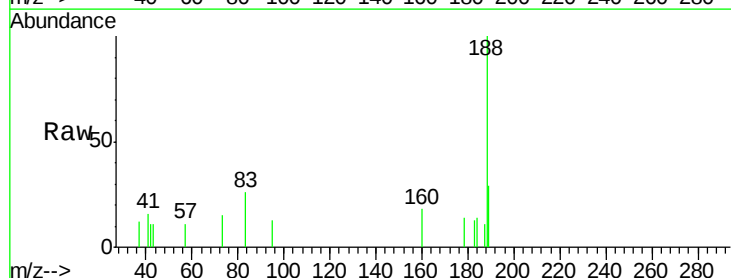
Tgt Ion:178 Resp: 69

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

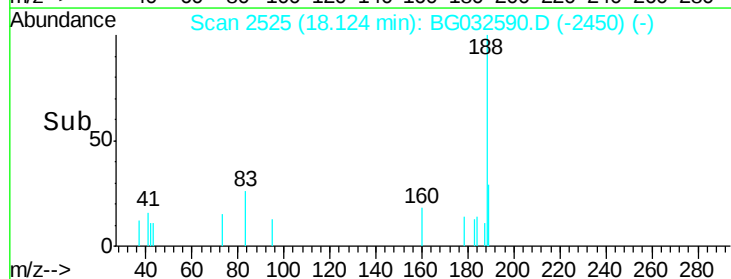
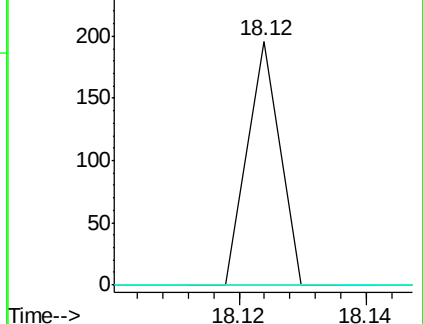
179 0.0 12.5 18.7#

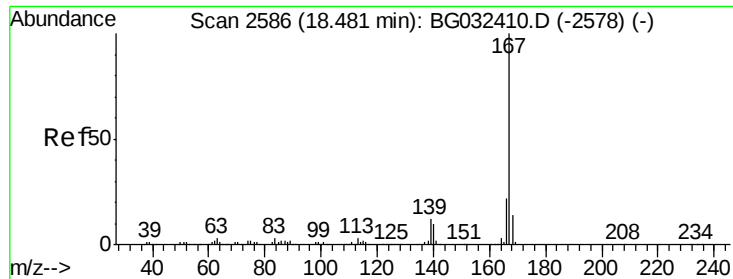


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.008 ng

RT: 18.54 min Scan# 2596

Delta R.T. 0.07 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampleId :

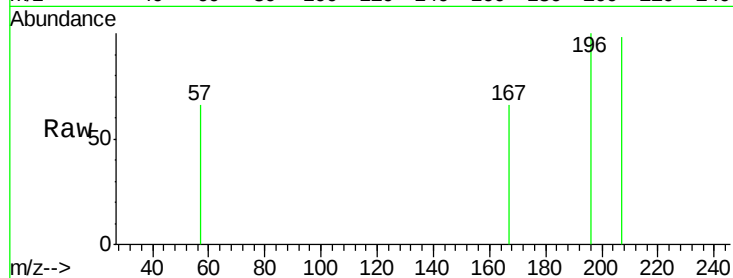
Tot Ion:167 Resp: 56

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

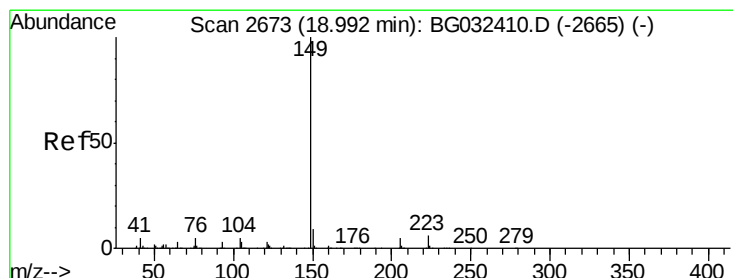
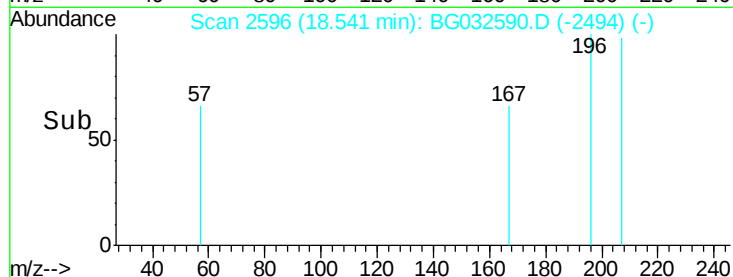
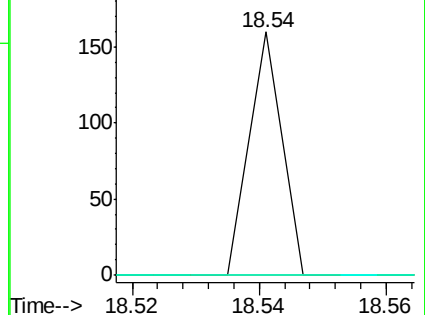
139 0.0 9.4 14.2#



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: 0.044 ng

RT: 18.97 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

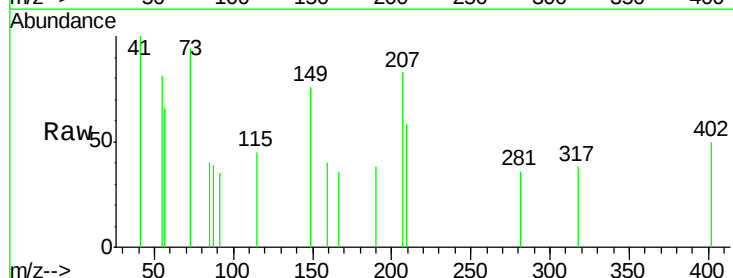
Tgt Ion:149 Resp: 350

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

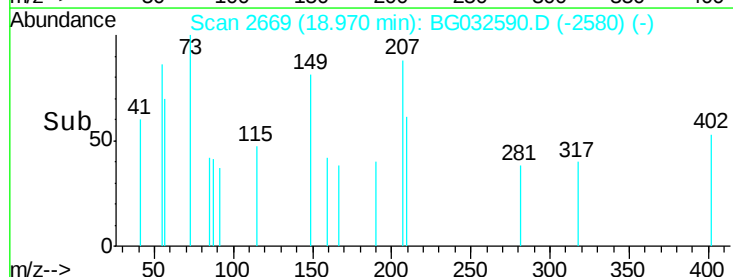
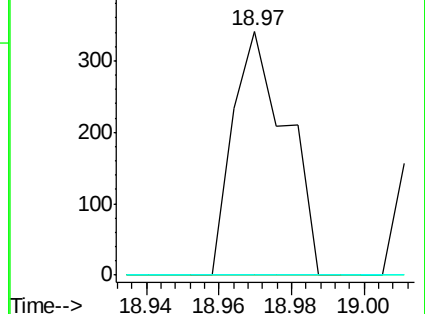
104 0.0 3.9 5.9#

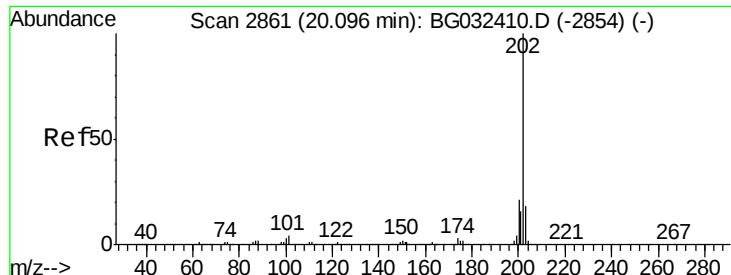


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.008 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.00 min

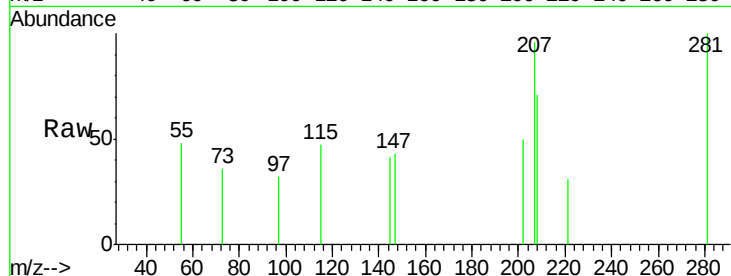
Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

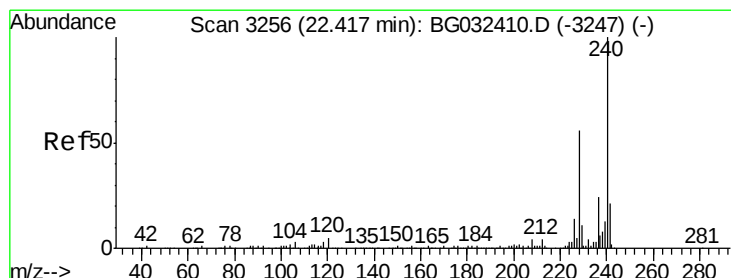
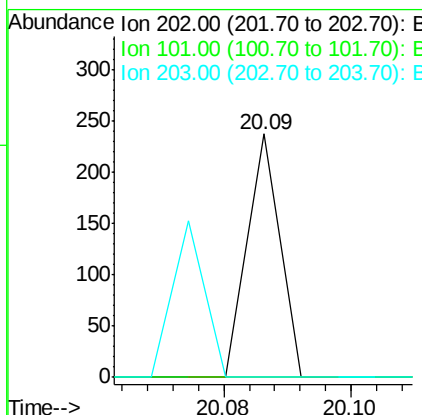
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	202	Resp:	84
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5



#75

Chrysene-d12

Concen: 20.000 ng

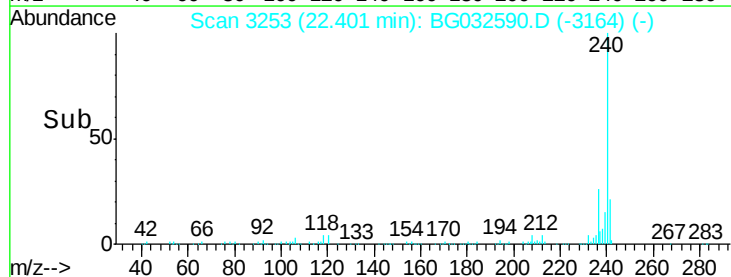
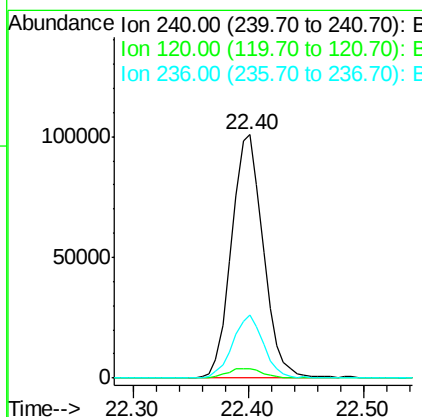
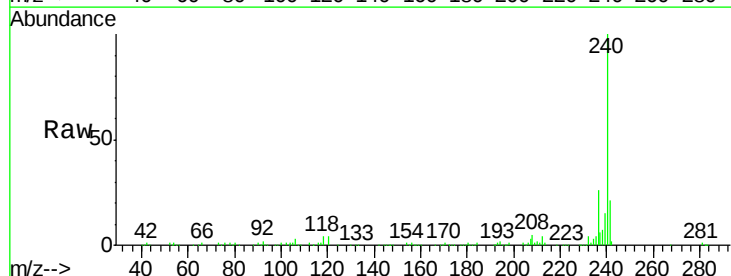
RT: 22.40 min Scan# 3253

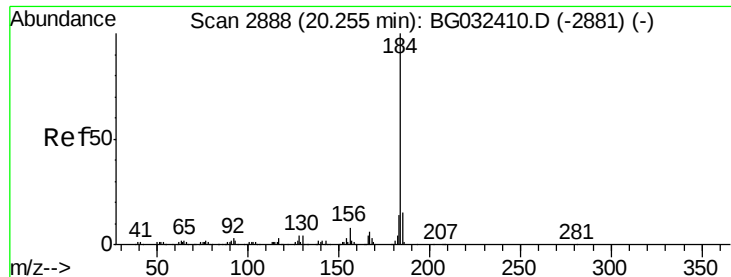
Delta R.T. -0.00 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Tgt Ion:	240	Resp:	192753
Ion Ratio	Lower	Upper	
240	100		
120	4.0	6.8	10.2#
236	25.8	20.9	31.3





#76

Benzidine

Concen: 2.296 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.37 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampleId :

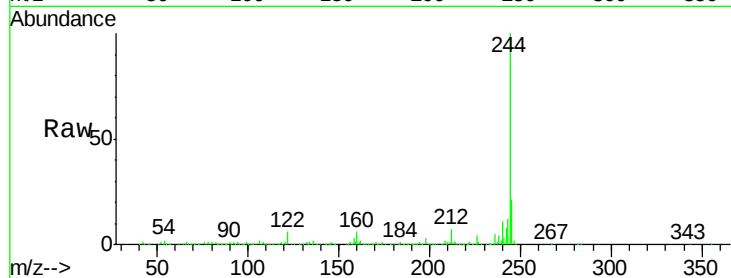
Tot Ion:184 Resp: 8690

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

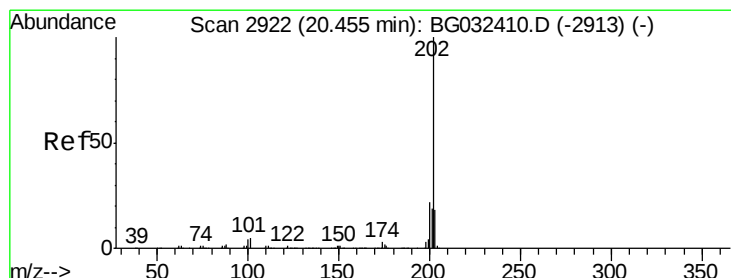
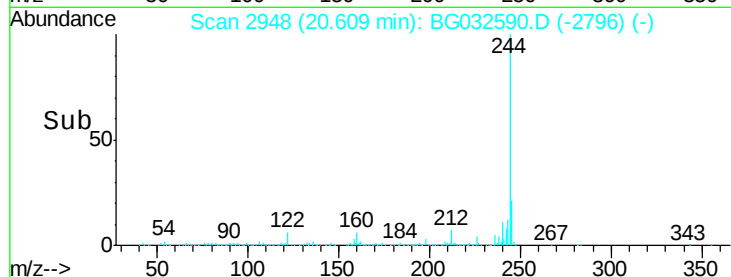
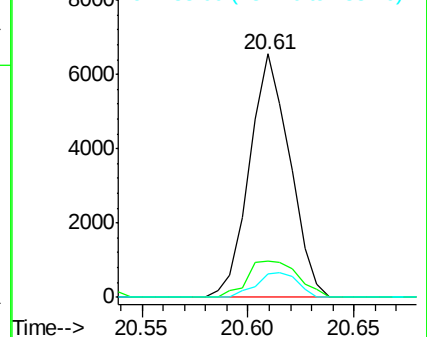
183 9.7 10.6 16.0#



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

Pyrene

Concen: 0.209 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.17 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

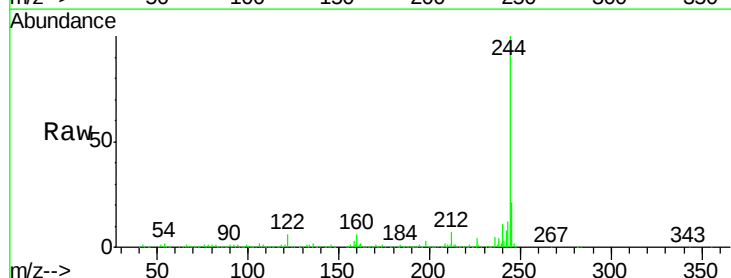
Tgt Ion:202 Resp: 2470

Ion Ratio Lower Upper

202 100

200 41.8 16.9 25.3#

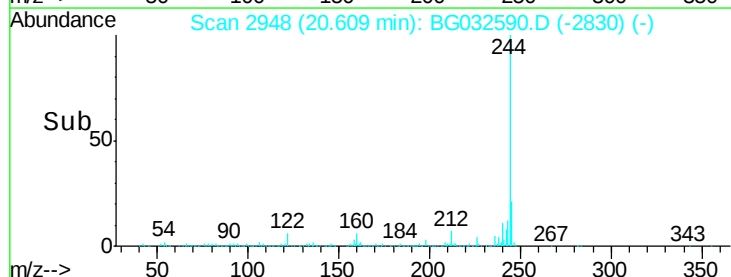
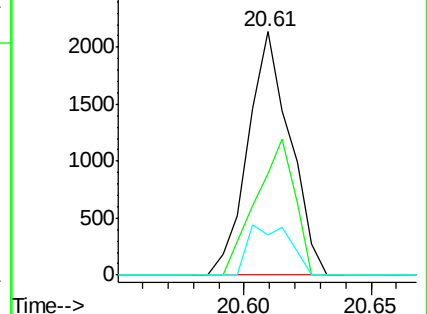
203 16.3 13.9 20.9

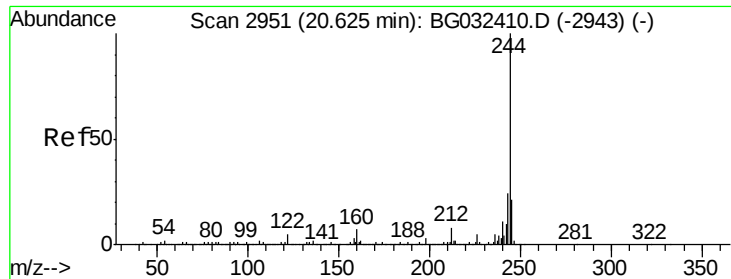


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

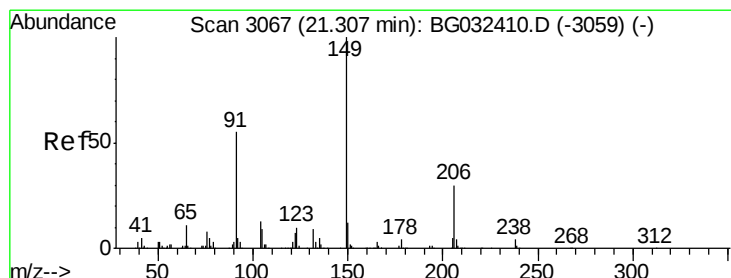
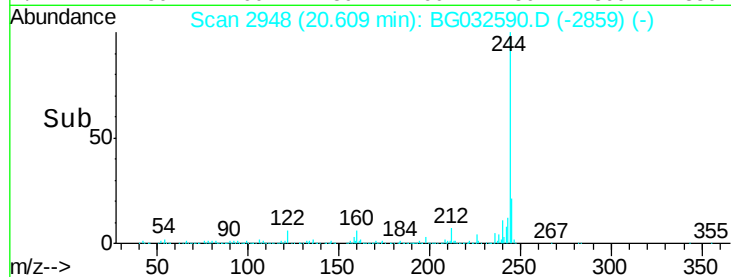
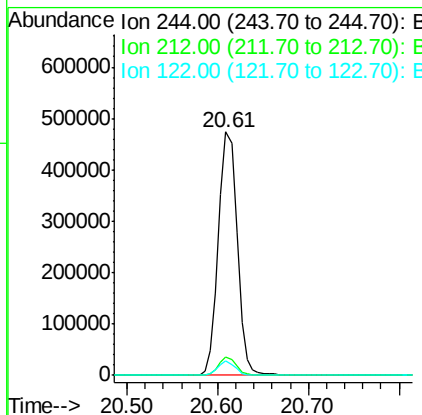
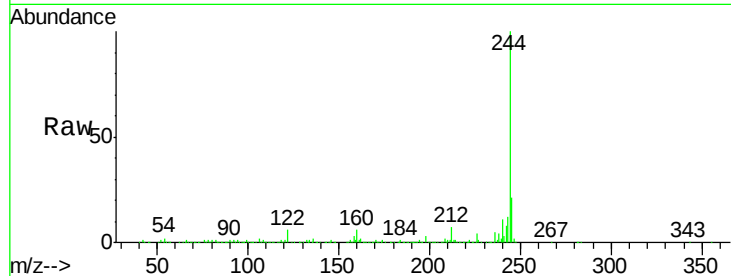




#78
 Terphenyl-d14
 Concen: 76.005 ng
 RT: 20.61 min Scan# 2948
 Delta R.T. -0.00 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

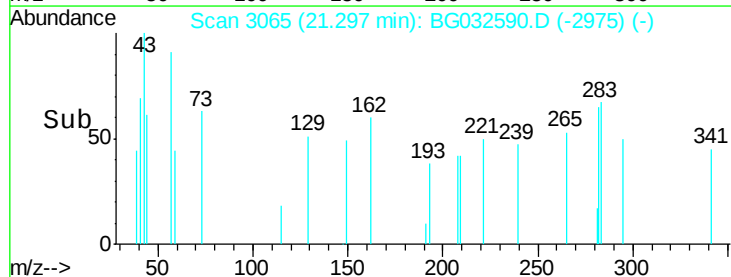
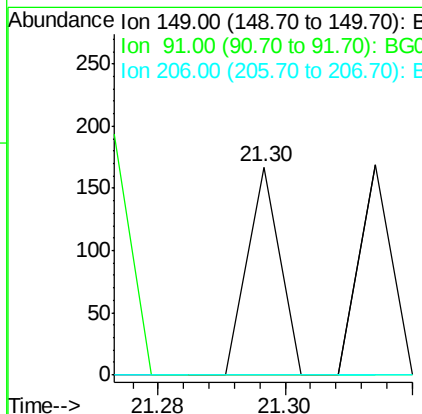
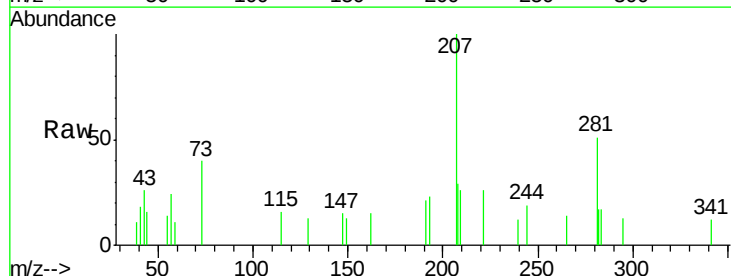
Instrument :
 BNA_G
 ClientSampleId :

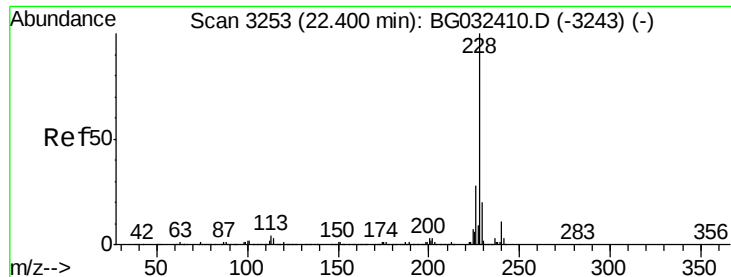
Tot Ion:244 Resp: 683922
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 5.8 7.0 10.4#



#79
 Butylbenzylphthalate
 Concen: 0.016 ng
 RT: 21.30 min Scan# 3065
 Delta R.T. 0.00 min
 Lab File: BG032590.D
 Acq: 7 Feb 2018 8:41

Tgt Ion:149 Resp: 59
 Ion Ratio Lower Upper
 149 100
 91 0.0 62.2 93.2#
 206 0.0 18.6 27.8#

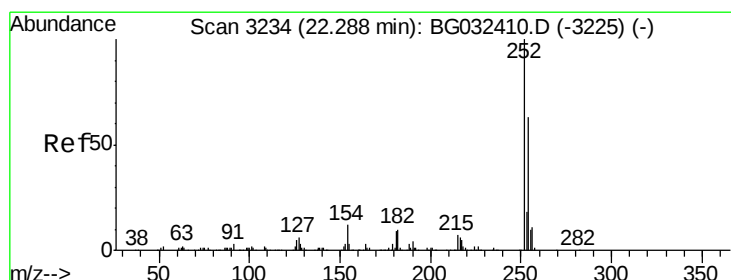
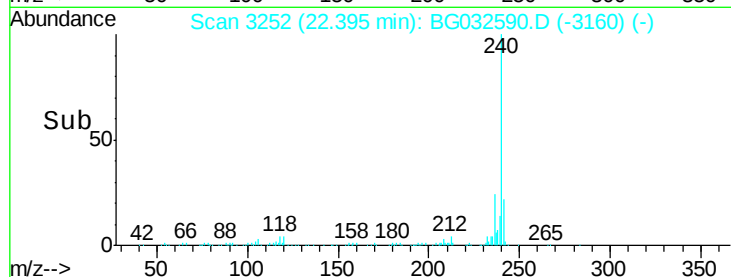
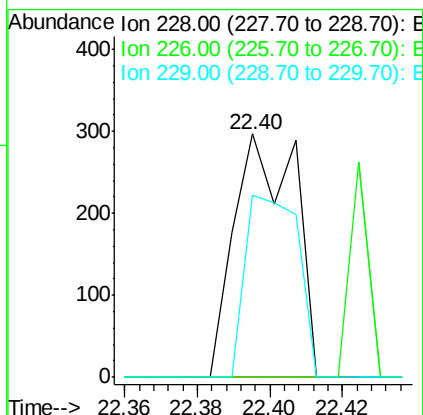
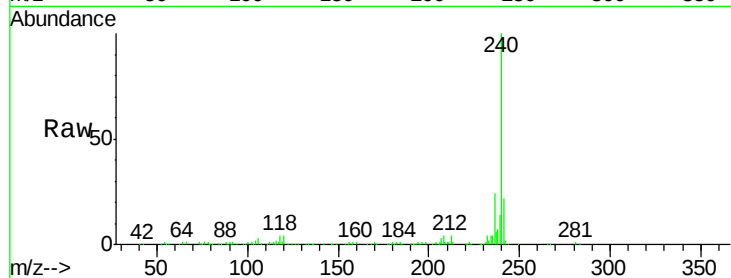




#80
Benzo(a)anthracene
Concen: 0.029 ng
RT: 22.40 min Scan# 3252
Delta R.T. 0.01 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

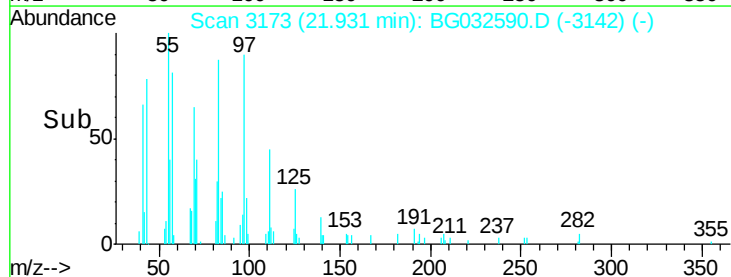
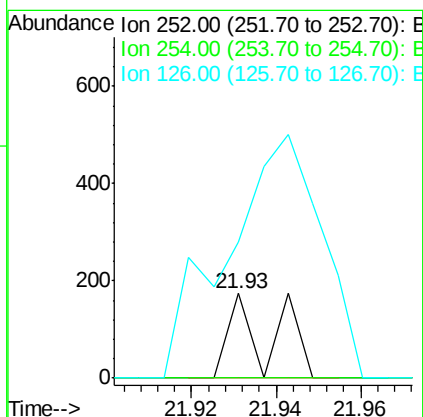
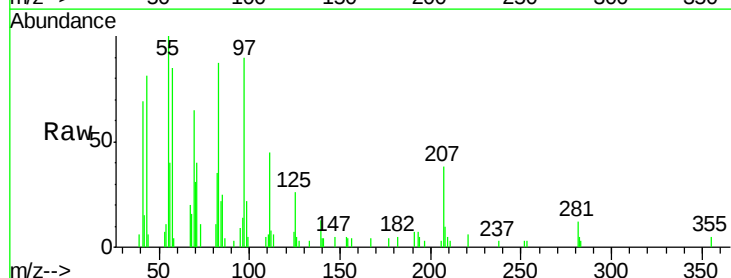
Instrument :
BNA_G
ClientSampleId :

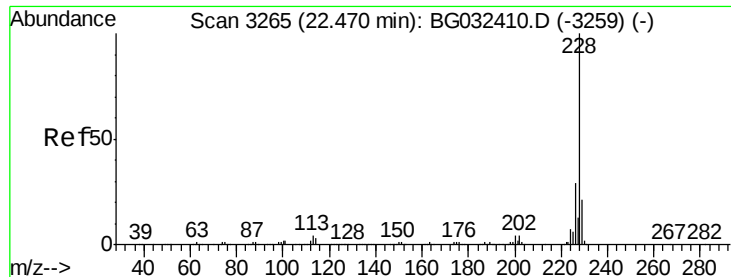
Tot Ion:228 Resp: 344
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 75.1 16.2 24.2#



#81
3,3'-Dichlorobenzidine
Concen: 0.027 ng
RT: 21.93 min Scan# 3173
Delta R.T. -0.35 min
Lab File: BG032590.D
Acq: 7 Feb 2018 8:41

Tgt Ion:252 Resp: 123
Ion Ratio Lower Upper
252 100
254 0.0 50.8 76.2#
126 161.5 7.4 11.2#





#82

Chrysene

Concen: 0.030 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.06 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampleId :

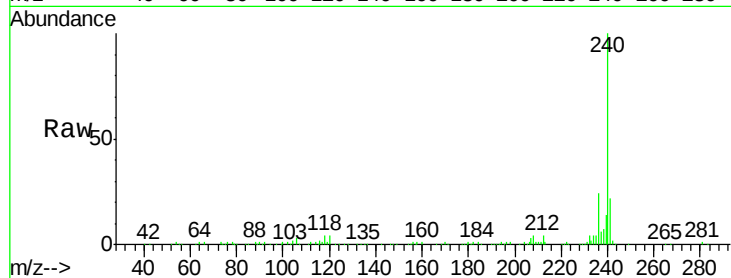
Tot Ion:228 Resp: 344

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

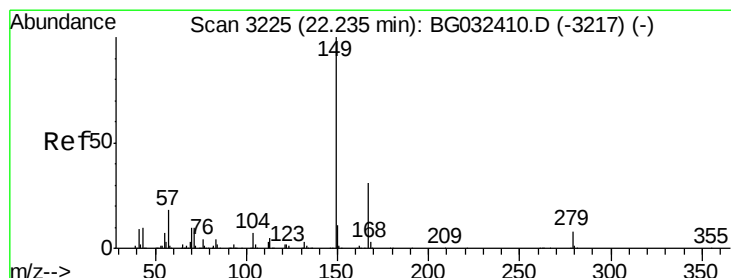
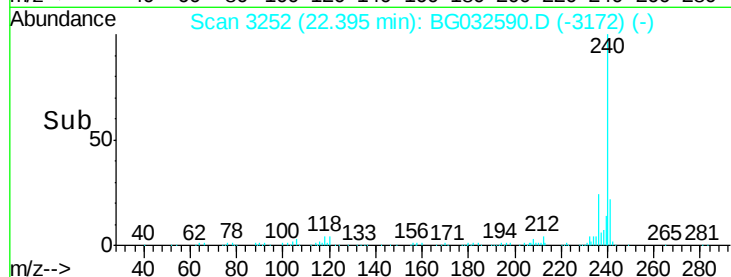
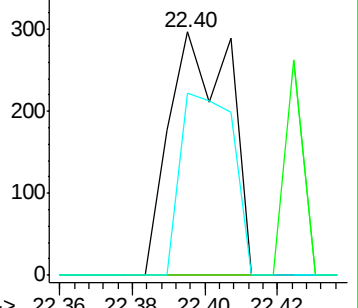
229 75.1 15.0 22.4#



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: 0.165 ng

RT: 22.22 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

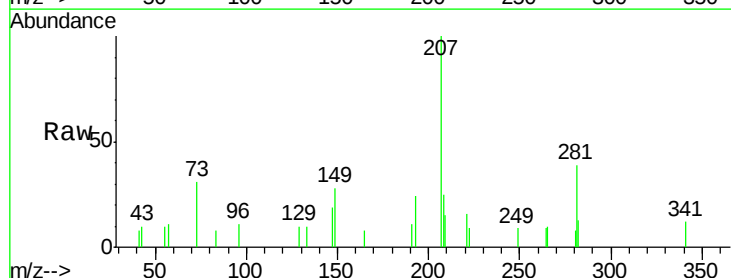
Tgt Ion:149 Resp: 875

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

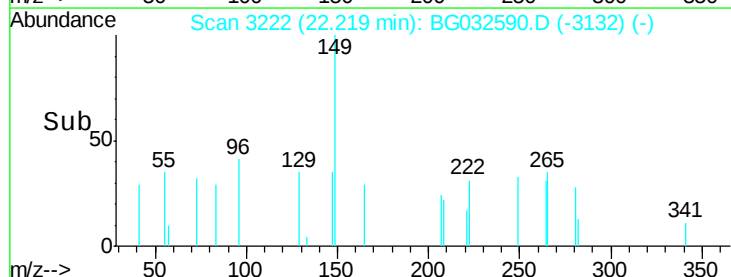
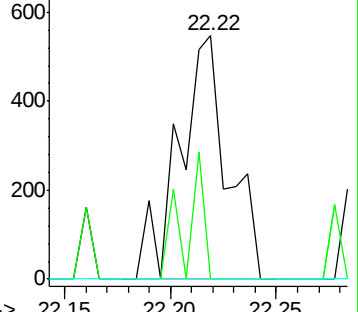
279 0.0 4.0 6.0#

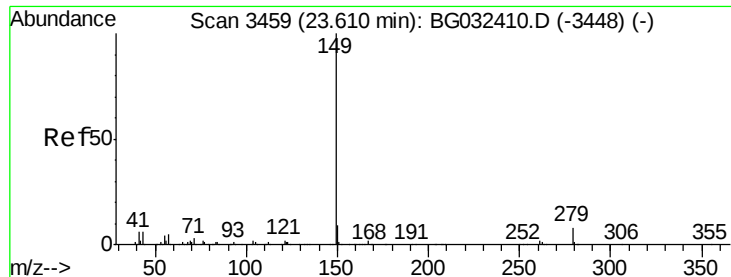


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.012 ng

RT: 23.60 min Scan# 3457

Delta R.T. 0.02 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampleId :

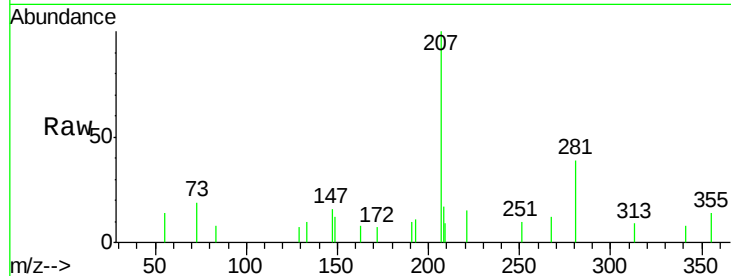
Tot Ion:149 Resp: 102

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

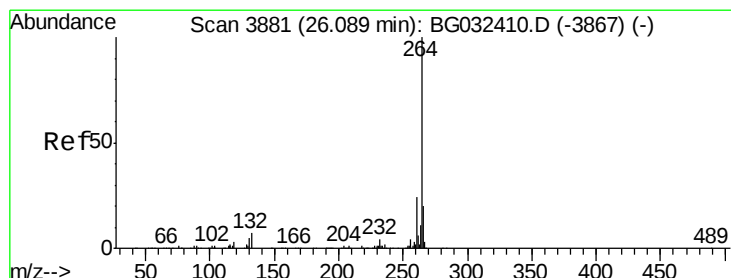
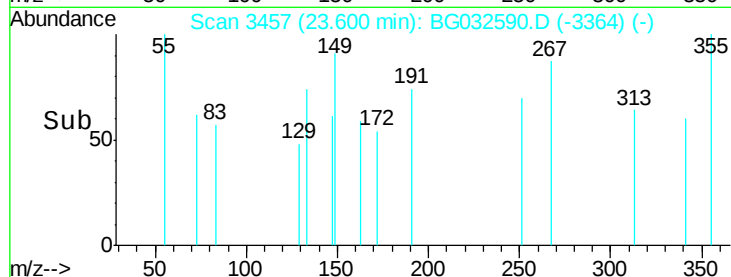
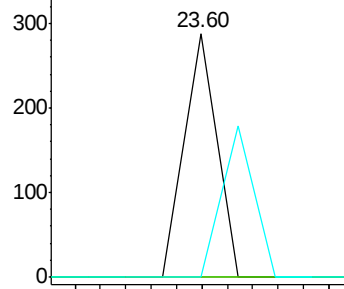
43 61.8 8.9 13.3#



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: 26.07 min Scan# 3877

Delta R.T. 0.00 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

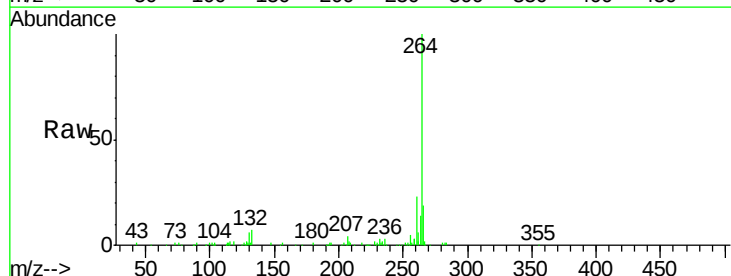
Tgt Ion:264 Resp: 207898

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

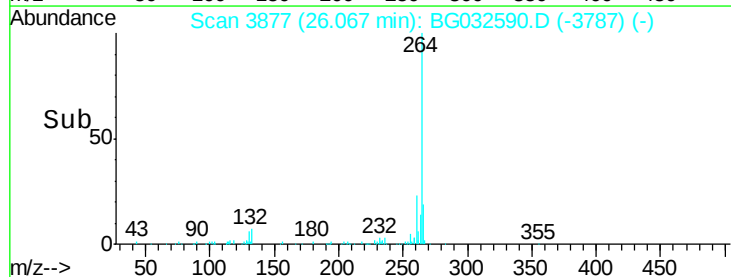
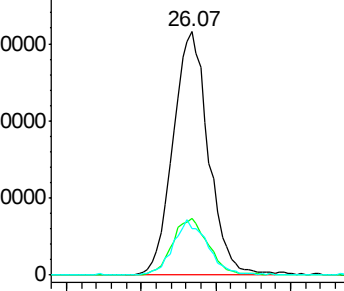
265 19.0 17.7 26.5

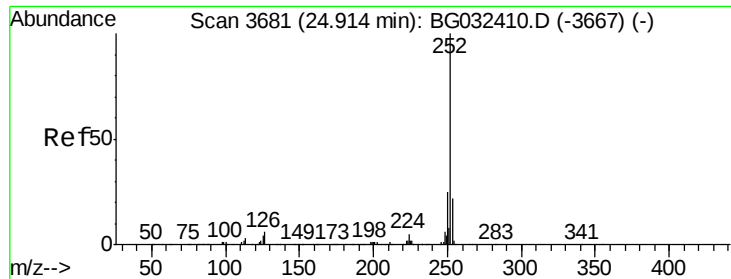


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 25.02 min Scan# 3699

Delta R.T. 0.12 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampled :

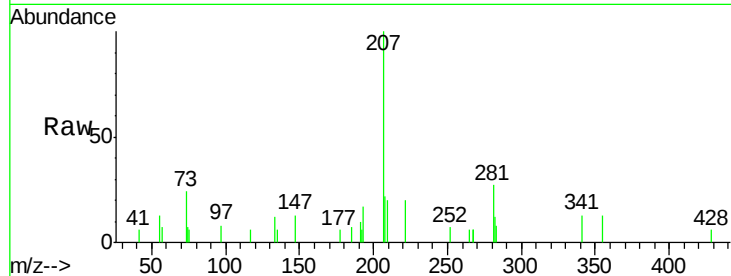
Tot Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

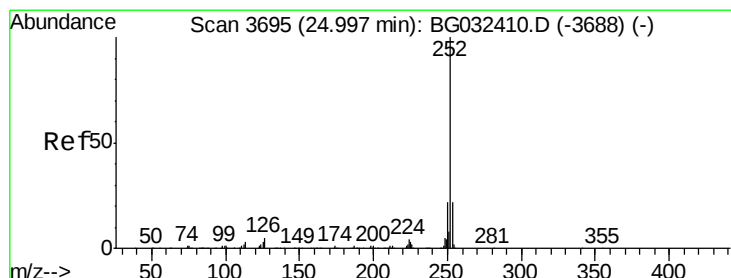
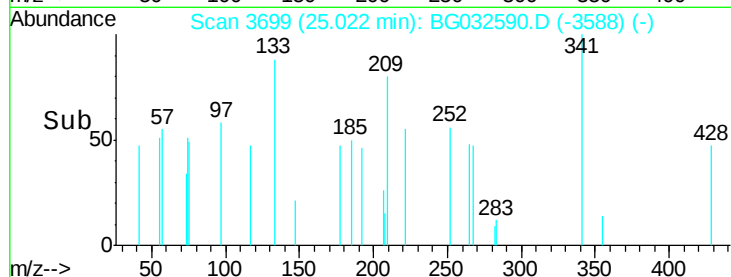
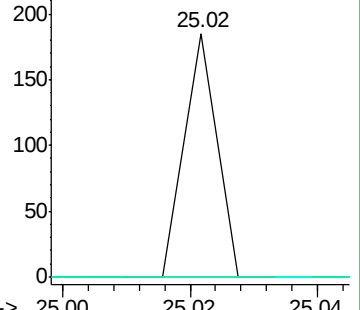
125 0.0 7.2 10.8#



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: 0.005 ng

RT: 25.02 min Scan# 3699

Delta R.T. 0.05 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

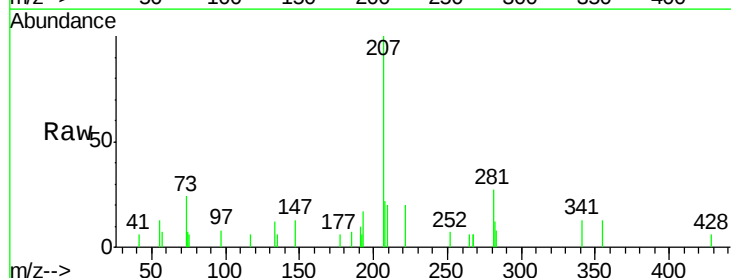
Tgt Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

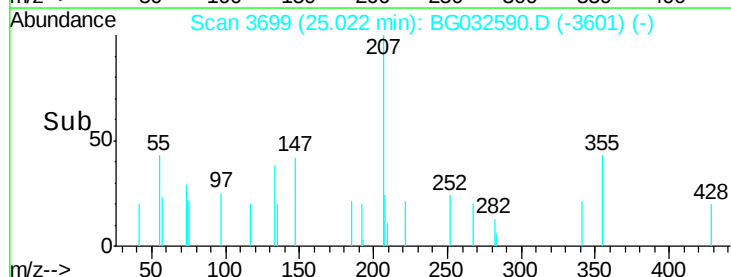
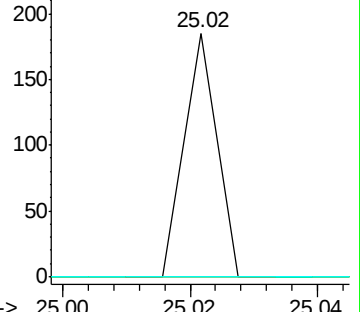
125 0.0 6.6 9.8#

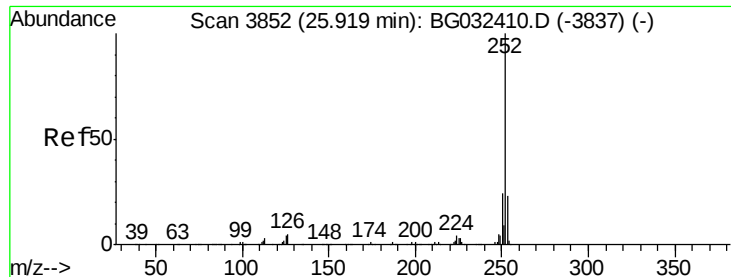


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.005 ng

RT: 25.94 min Scan# 3855

Delta R.T. 0.04 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_G

ClientSampled :

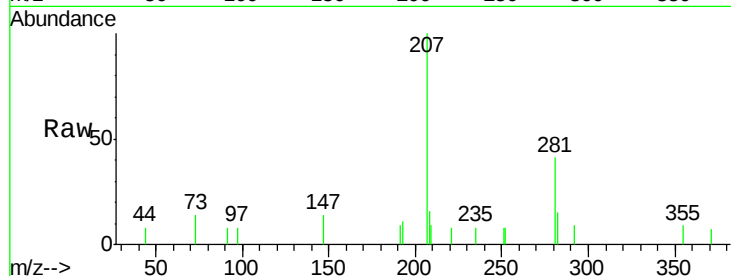
Tot Ion:252 Resp: 65

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

25.94

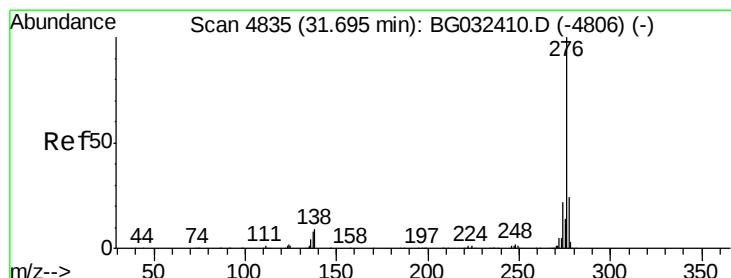
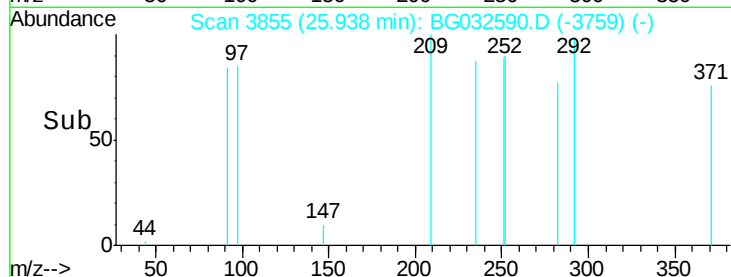
150

100

50

0

Time-->



#91

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 31.71 min Scan# 4838

Delta R.T. 0.05 min

Lab File: BG032590.D

Acq: 7 Feb 2018 8:41

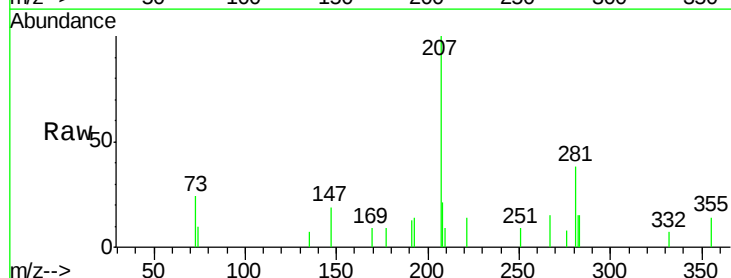
Tgt Ion:276 Resp: 62

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

31.71

150

100

50

0

Time-->

