

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
 Data File : BG032018.D
 Acq On : 13 Jan 2018 1:02
 Operator : SJ/JU
 Sample : J1094-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 13 03:01:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	59006	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	245393	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	169882	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	429792	20.00	ng	0.00
75) Chrysene-d12	22.47	240	505303	20.00	ng	0.00
86) Perylene-d12	26.20	264	527544	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	328009	101.67	ng	0.00
7) Phenol-d6	7.88	99	432317	106.40	ng	0.00
23) Nitrobenzene-d5	9.97	82	242318	66.81	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	273202	97.19	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	834409	60.90	ng	0.00
78) Terphenyl-d14	20.67	244	1529479	66.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.87	88	78	0.063	ng	# 1
4) n-Nitrosodimethylamine	4.31	42	70	0.060	ng	# 1
6) Aniline	8.06	93	65	0.013	ng	# 41
9) Benzaldehyde	7.87	77	581	0.247	ng	# 5
10) Phenol	7.90	94	13089	3.270	ng	# 88
11) bis(2-Chloroethyl)ether	8.06	93	65	0.020	ng	# 16
15) Benzyl Alcohol	9.11	79	3995	1.353	ng	# 48
19) n-Nitroso-di-n-propylamine	9.97	70	31605	12.536	ng	# 72
20) 3+4-Methylphenols	9.97	107	68	0.016	ng	# 1
24) Nitrobenzene	9.97	77	628	0.174	ng	# 33
25) Isophorone	10.08	82	466	0.069	ng	# 69
28) bis(2-Chloroethoxy)methane	11.41	93	59	0.014	ng	# 51
31) Naphthalene	11.70	128	276	0.023	ng	# 68
33) 4-Chloroaniline	11.94	127	55	0.011	ng	# 46
37) 2-Methylnaphthalene	13.27	142	55	0.006	ng	# 17
40) Hexachlorocyclopentadiene	13.31	237	53	0.013	ng	# 22
45) 1,1'-Biphenyl	14.25	154	1813	0.124	ng	# 91
47) 2-Nitroaniline	14.82	65	656	0.302	ng	# 1
48) Acenaphthylene	14.96	152	55	0.003	ng	# 59
49) Dimethylphthalate	14.83	163	109936	7.395	ng	# 99
50) 2,6-Dinitrotoluene	14.82	165	1235	0.400	ng	# 59
51) Acenaphthene	15.42	154	568	0.050	ng	# 37
54) Dibenzofuran	15.79	168	168	0.010	ng	# 46
55) 4-Nitrophenol	15.35	139	59	0.029	ng	# 1
56) 2,4-Dinitrotoluene	15.41	165	23065	5.552	ng	# 17
57) Fluorene	16.88	166	9279	0.665	ng	# 85
59) Diethylphthalate	16.17	149	1371	0.095	ng	# 83
61) 4-Nitroaniline	16.76	138	55	0.021	ng	# 12
62) Azobenzene	16.73	77	64	0.007	ng	# 48
64) 4,6-Dinitro-2-methylphenol	16.88	198	792	5.143	ng	# 75
65) n-Nitrosodiphenylamine	16.87	169	8163	0.626	ng	# 43
66) 4-Bromophenyl-phenylether	16.88	248	21557	3.525	ng	# 1
70) Phenanthrene	18.17	178	1331	0.056	ng	# 66
71) Anthracene	18.26	178	226	0.009	ng	# 59

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

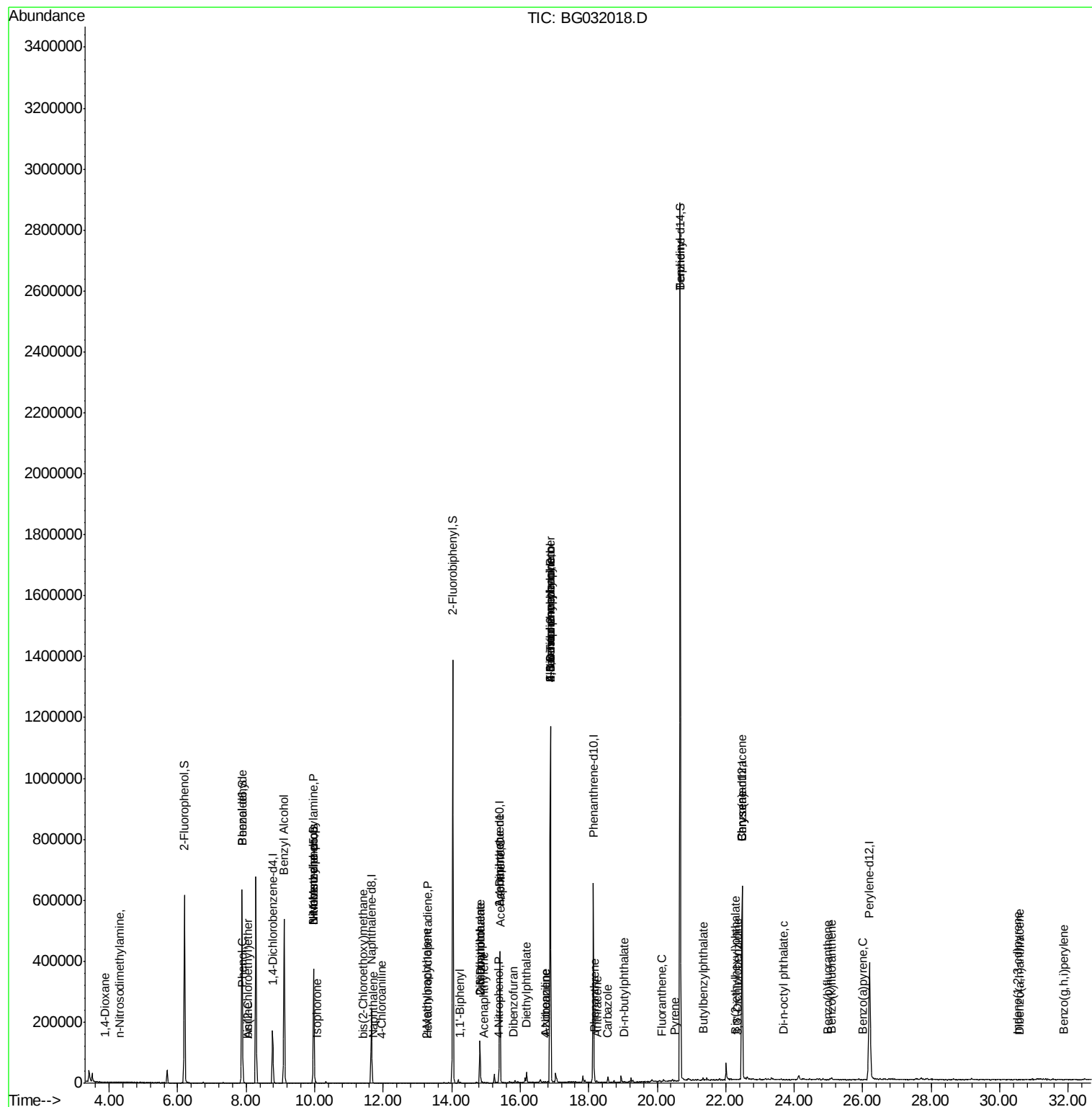
72) Carbazole	18.53	167	136	0.007	nq	# 59
73) Di-n-butylphthalate	19.04	149	433	0.018	nq	# 78
74) Fluoranthene	20.13	202	1163	0.039	nq	70
76) Benzidine	20.67	184	20126	1.593	nq	# 91
77) Pyrene	20.50	202	1286	0.040	nq	# 76
79) Butylbenzylphthalate	21.35	149	63	0.006	nq	# 20
80) Benzo(a)anthracene	22.47	228	2614	0.083	nq	# 68
81) 3,3'-Dichlorobenzidine	22.34	252	182	0.016	nq	# 26
82) Chrysene	22.47	228	2614	0.087	nq	# 64
83) Bis(2-ethylhexyl)phthalate	22.30	149	643	0.039	nq	# 50
84) Di-n-octyl phthalate	23.68	149	251	0.009	nq	# 74
85) Indeno(1,2,3-cd)pyrene	30.54	276	281	0.008	nq	# 80
87) Benzo(b)fluoranthene	24.99	252	813	0.025	nq	# 59
88) Benzo(k)fluoranthene	25.08	252	209	0.007	nq	# 35
89) Benzo(a)pyrene	26.00	252	891	0.030	nq	# 59
90) Dibenzo(a,h)anthracene	30.58	278	685	0.024	nq	# 58
91) Benzo(g,h,i)perylene	31.89	276	411	0.014	nq	# 56

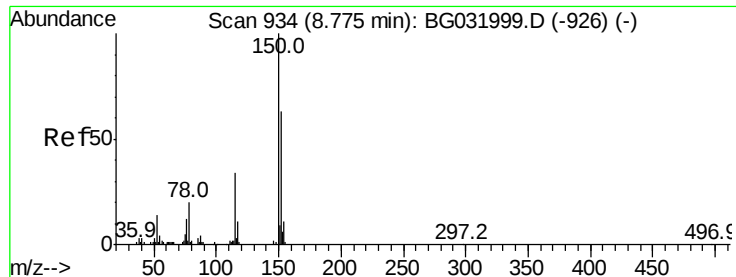
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

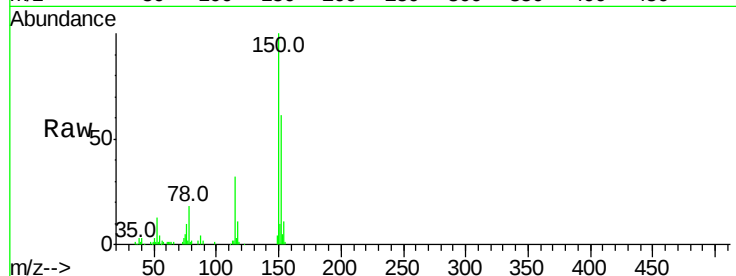
Tot Ion:152 Resp: 59006

Ion Ratio Lower Upper

152 100

150 164.9 126.6 189.8

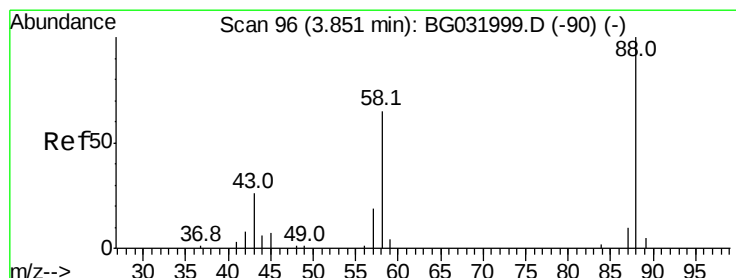
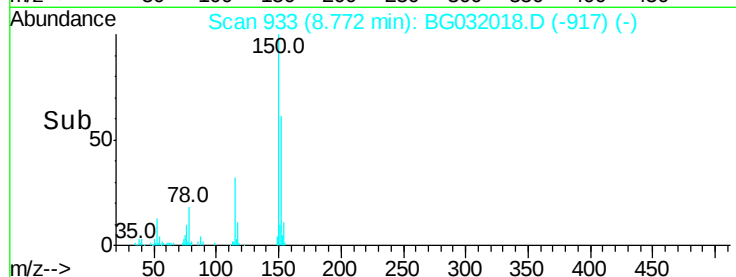
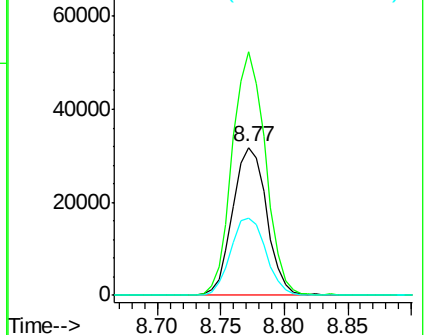
115 52.2 53.0 79.4#



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: 0.063 ng

RT: 3.87 min Scan# 99

Delta R.T. 0.02 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

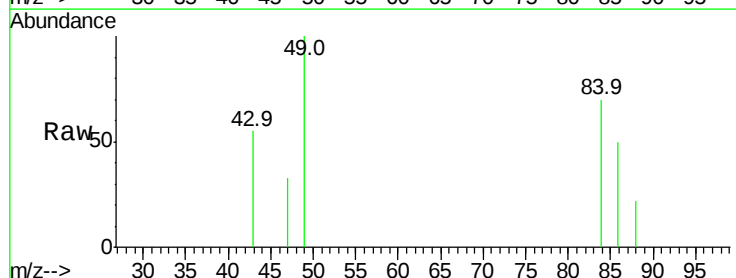
Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

58 82.1 79.6 119.4

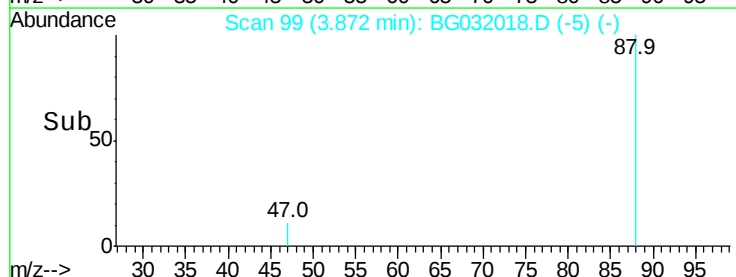
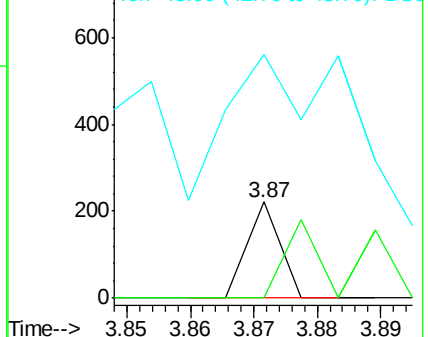
43 657.7 27.4 41.0#

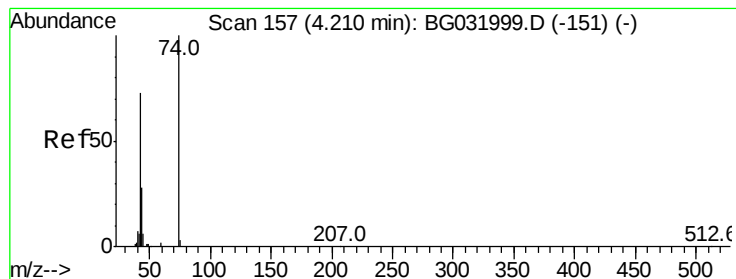


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.060 ng

RT: 4.31 min Scan# 173

Delta R.T. 0.10 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

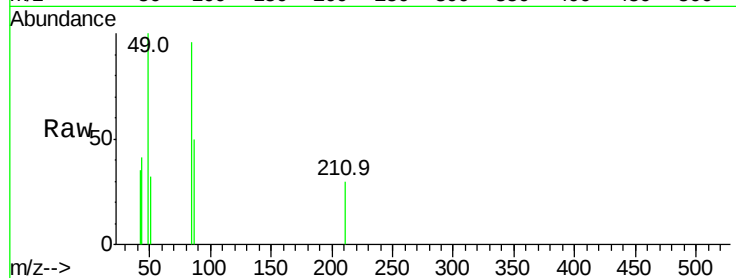
Tot Ion: 42 Resp: 70

Ion Ratio Lower Upper

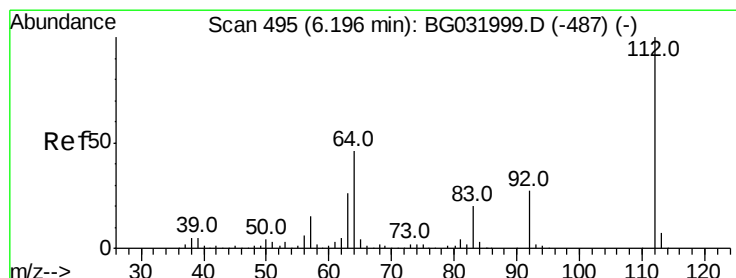
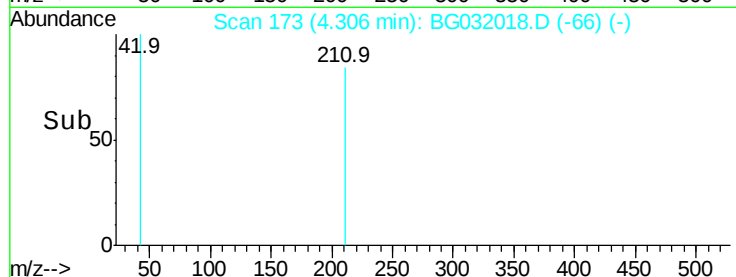
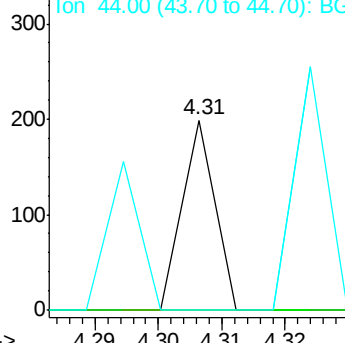
42 100

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



#5

2-Fluorophenol

Concen: 101.669 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

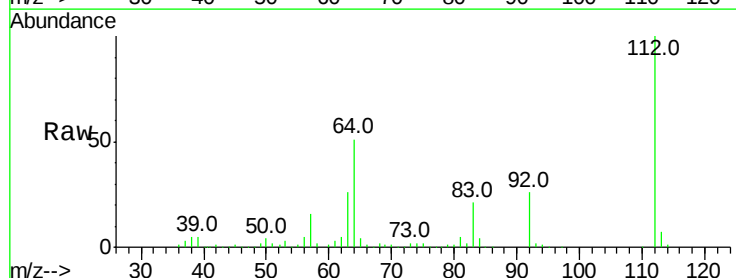
Tgt Ion: 112 Resp: 328009

Ion Ratio Lower Upper

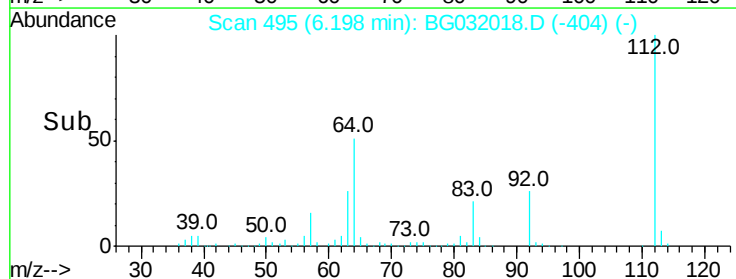
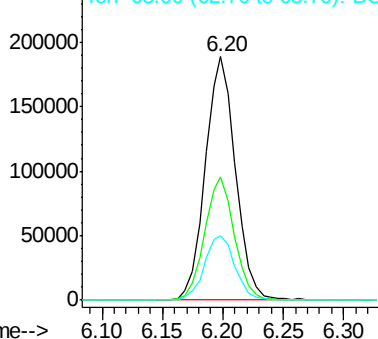
112 100

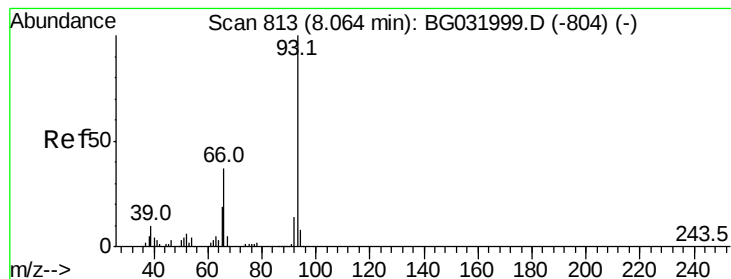
64 50.7 56.3 84.5#

63 26.5 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: 0.013 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampled :

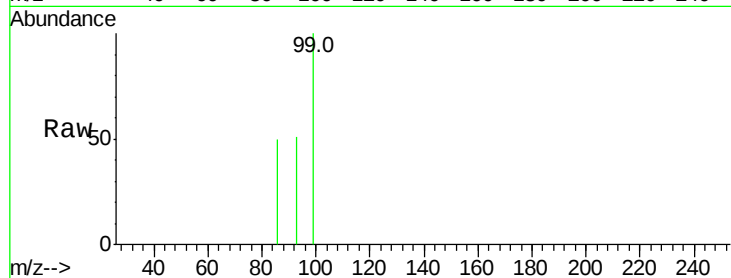
Tot Ion: 93 Resp: 65

Ion Ratio Lower Upper

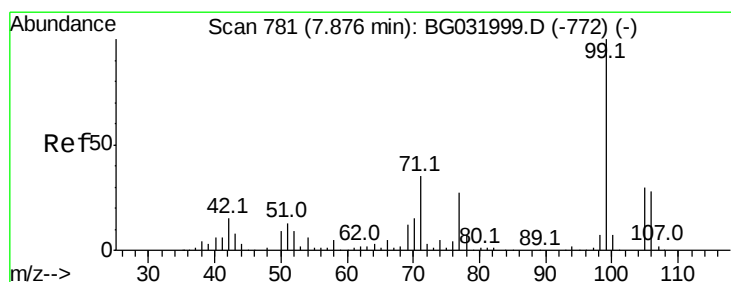
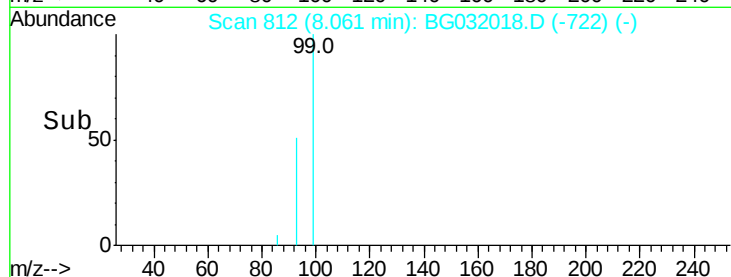
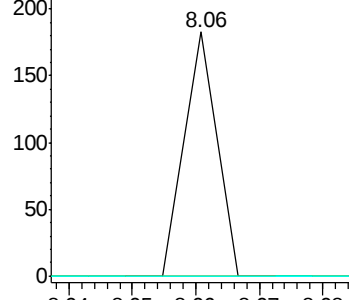
93 100

66 0.0 33.7 50.5#

65 0.0 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: 106.397 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

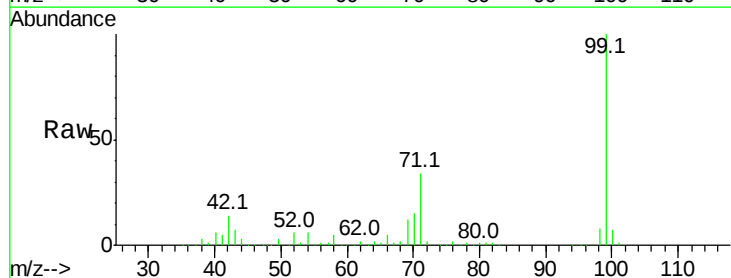
Tgt Ion: 99 Resp: 432317

Ion Ratio Lower Upper

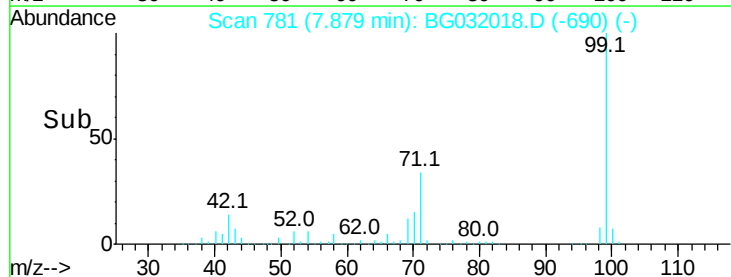
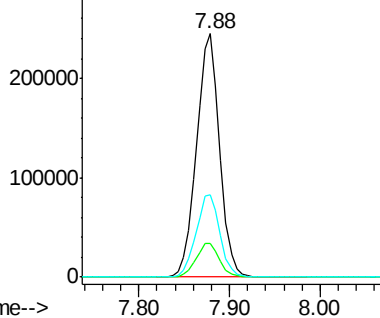
99 100

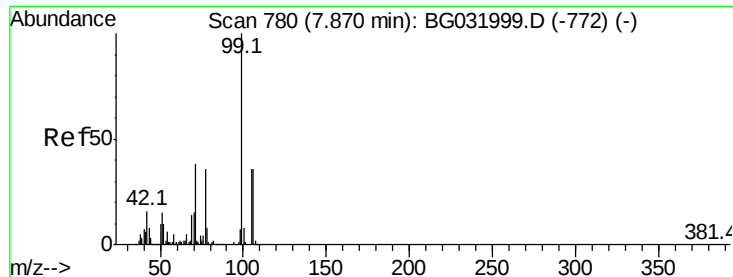
42 13.8 14.1 21.1#

71 33.7 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





#9

Benzaldehyd

Concen: 0.247 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.00 min

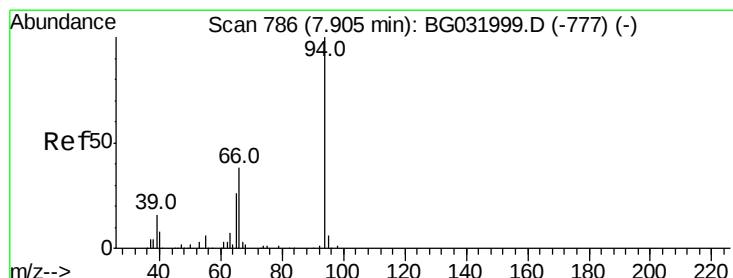
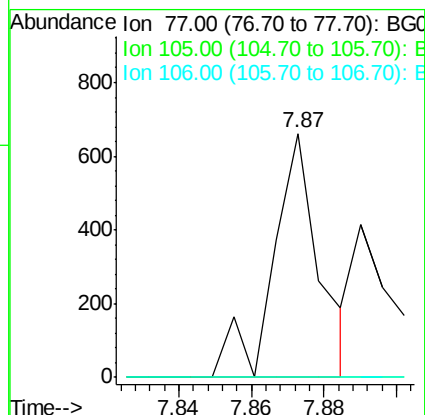
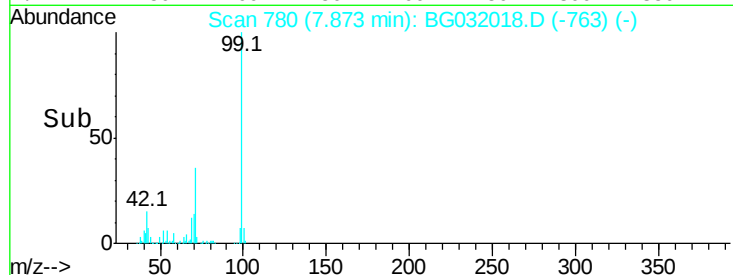
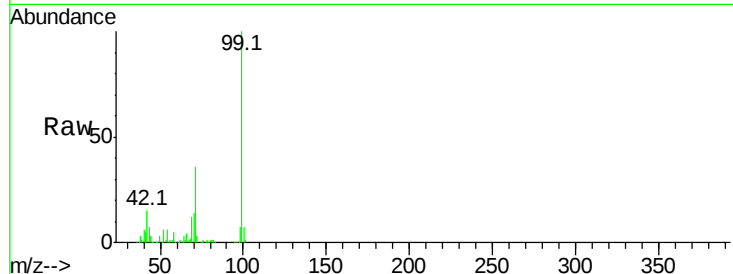
Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 581

Ion	Ratio	Lower	Upper
77	100		
105	0.0	71.3	111.3#
106	0.0	64.2	104.2#



#10

Phenol

Concen: 3.270 ng

RT: 7.90 min Scan# 785

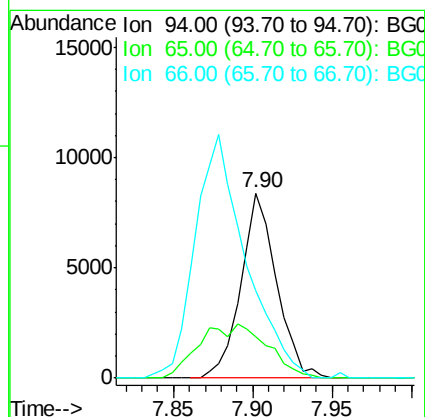
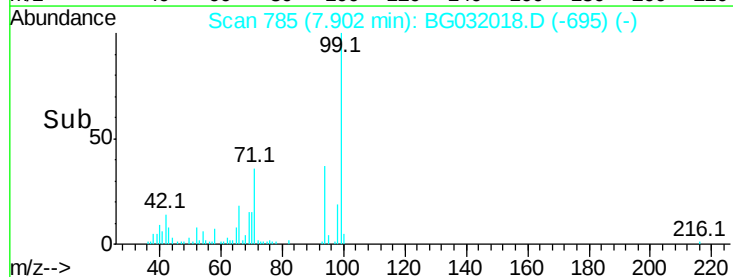
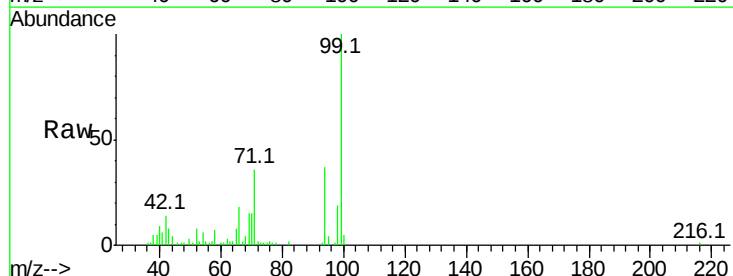
Delta R.T. -0.00 min

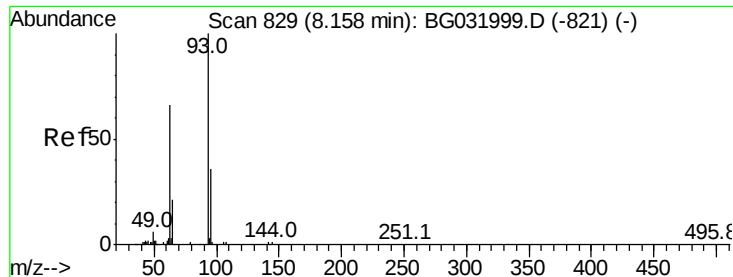
Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Tgt Ion: 94 Resp: 13089

Ion	Ratio	Lower	Upper
94	100		
65	22.6	11.9	51.9
66	47.5	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 0.020 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.10 min

Lab File: BG032018.D

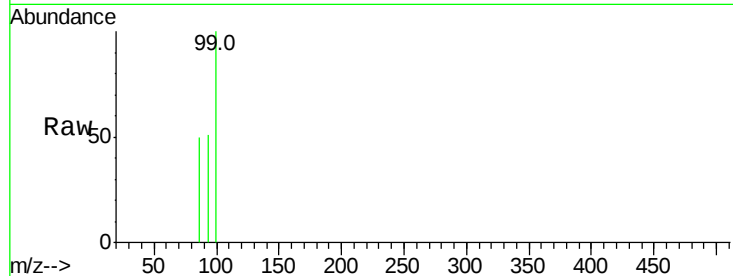
Acq: 13 Jan 2018 1:02

Instrument :

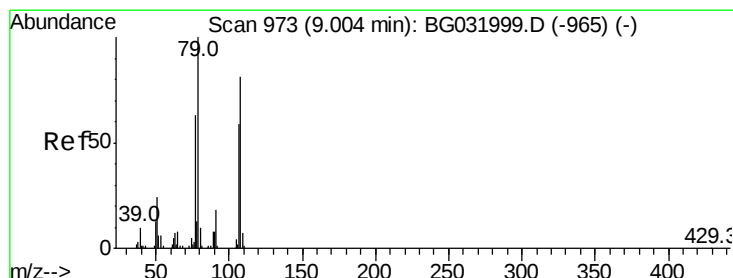
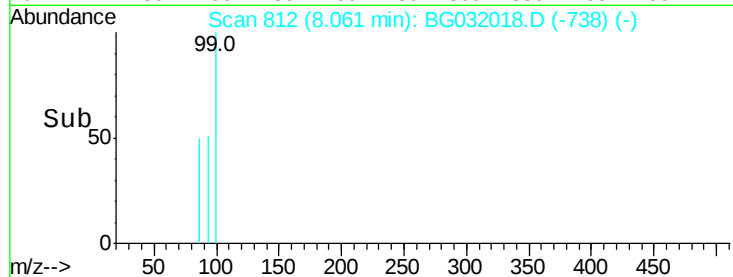
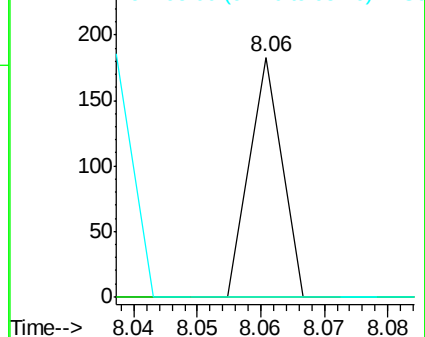
BNA_G

ClientSampled :

Tot Ion:	93	Resp:	65
Ion	Ratio	Lower	Upper
93	100		
63	0.0	67.1	107.1#
95	0.0	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: 1.353 ng

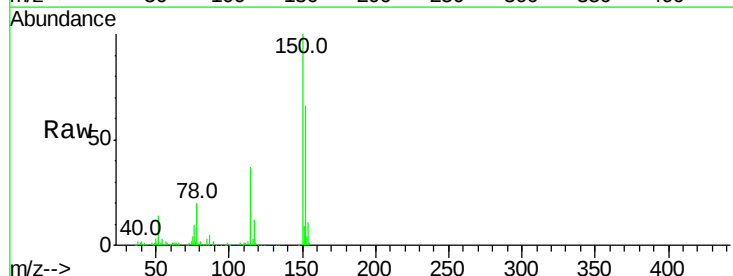
RT: 9.11 min Scan# 990

Delta R.T. 0.10 min

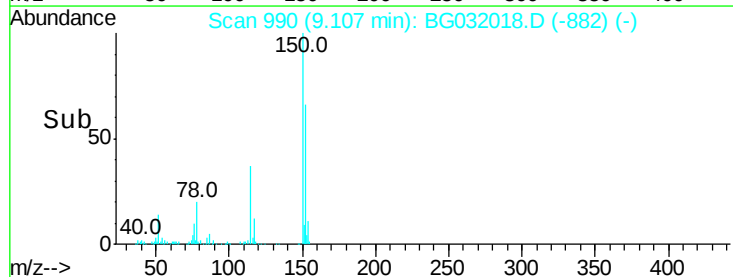
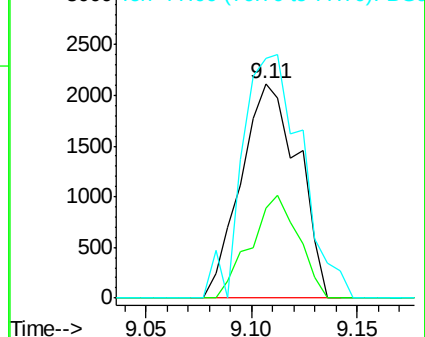
Lab File: BG032018.D

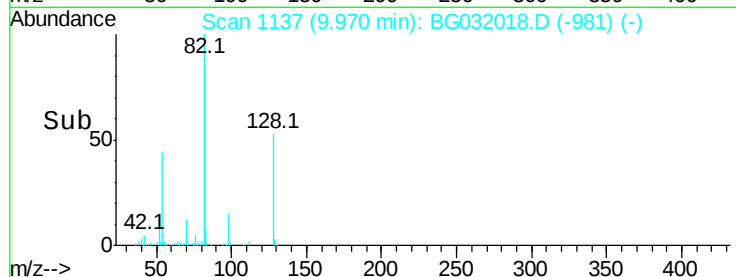
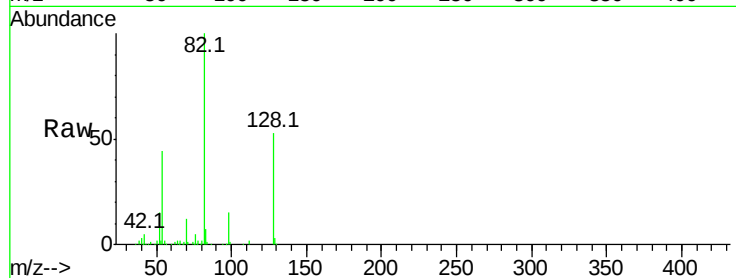
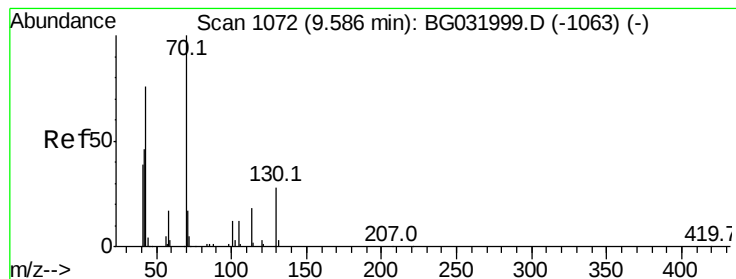
Acq: 13 Jan 2018 1:02

Tgt Ion:	79	Resp:	3995
Ion	Ratio	Lower	Upper
79	100		
108	41.9	57.2	85.8#
77	111.7	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

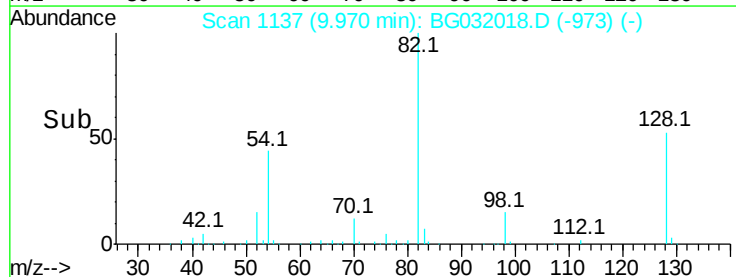
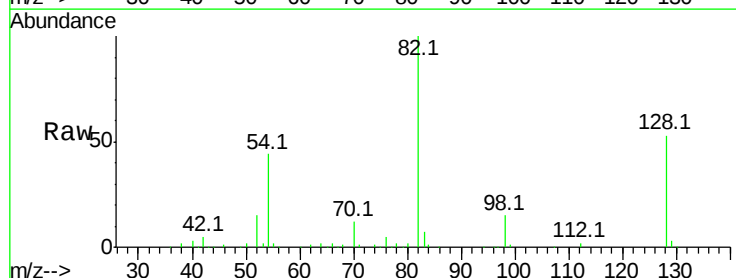
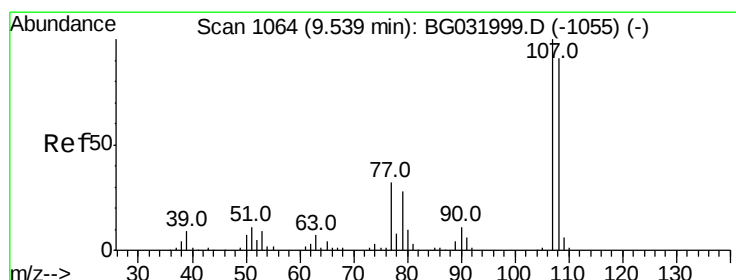
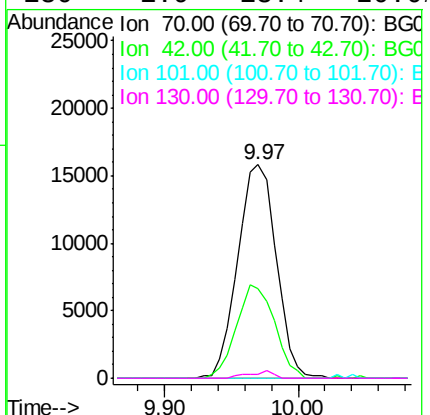




#19
n-Nitroso-di-n-propylamine
Concen: 12.536 ng
RT: 9.97 min Scan# 1137
Delta R.T. 0.38 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

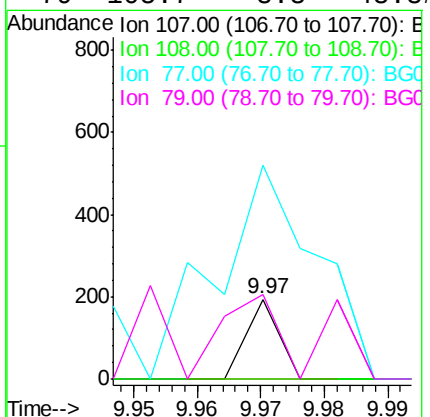
Instrument :
BNA_G
ClientSampleId :

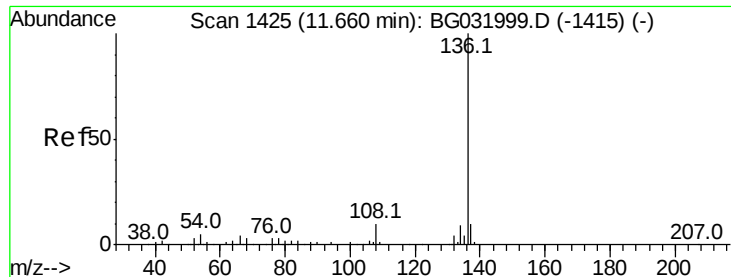
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



#20
3+4-Methylphenols
Concen: 0.016 ng
RT: 9.97 min Scan# 1137
Delta R.T. 0.43 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	269.4	13.9	53.9#
79	105.7	8.8	48.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.66 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BG032018.D

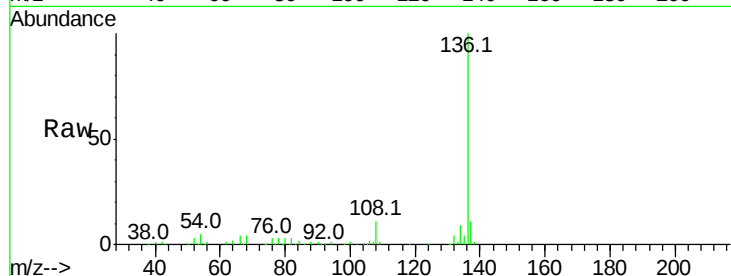
Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	136	Resp:	245393
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	4.9	10.3	15.5#
68	3.8	4.5	6.7#

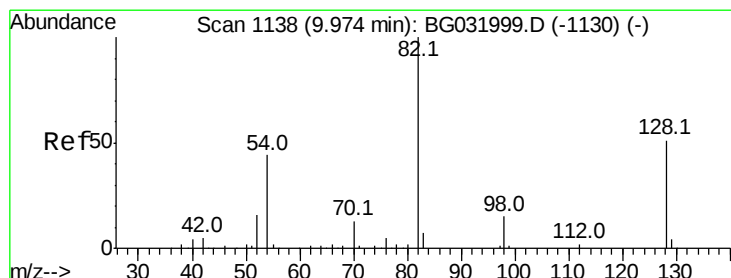
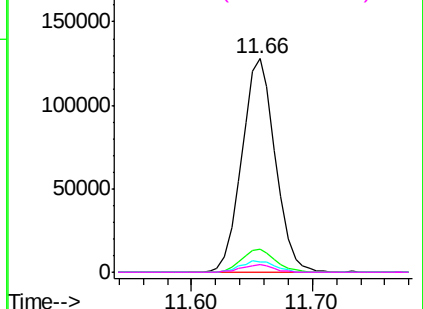
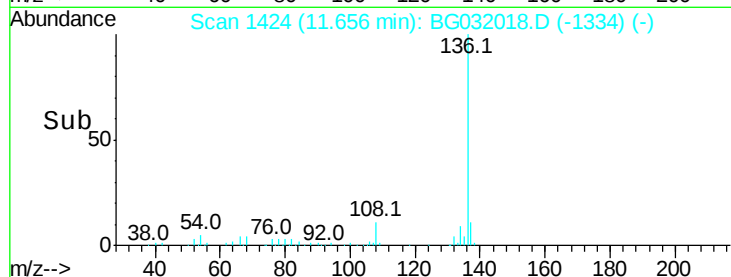


Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 66.807 ng

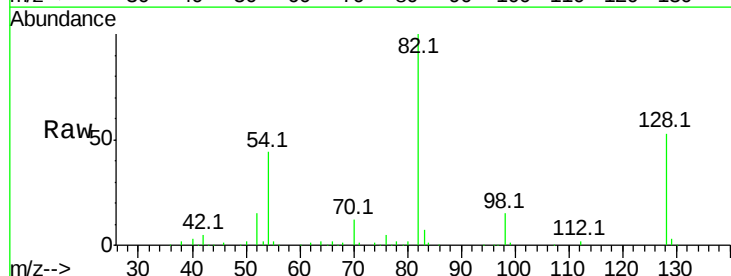
RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

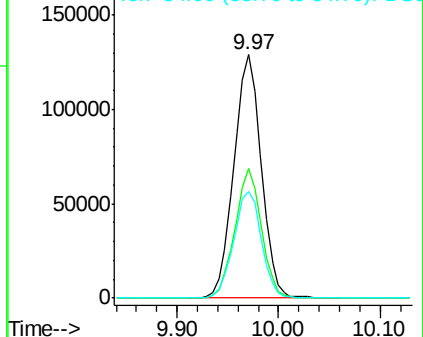
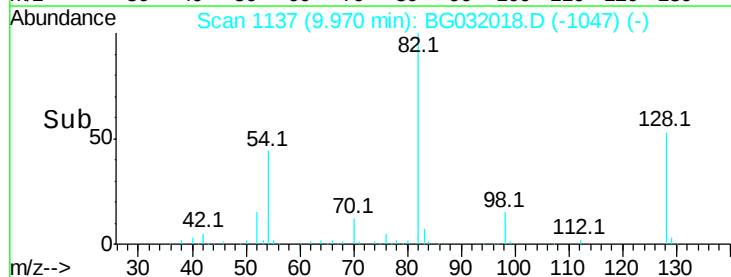
Tgt Ion:	82	Resp:	242318
Ion	Ratio	Lower	Upper
82	100		
128	53.3	29.7	44.5#
54	43.8	43.1	64.7

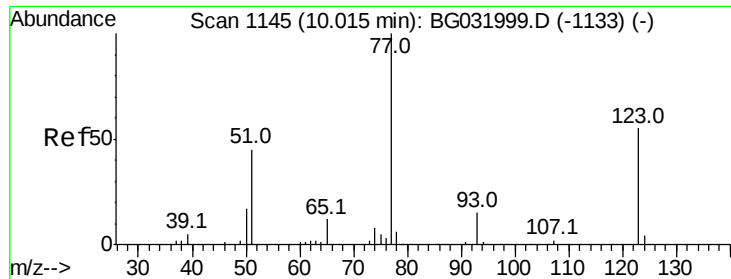


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

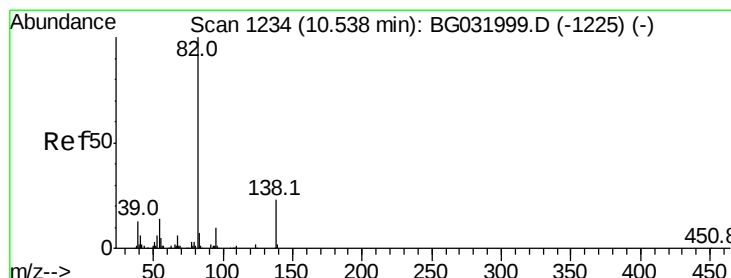
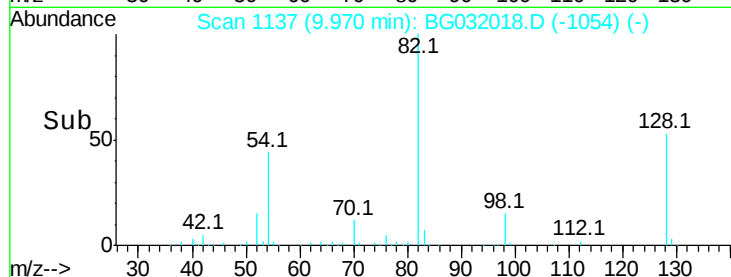
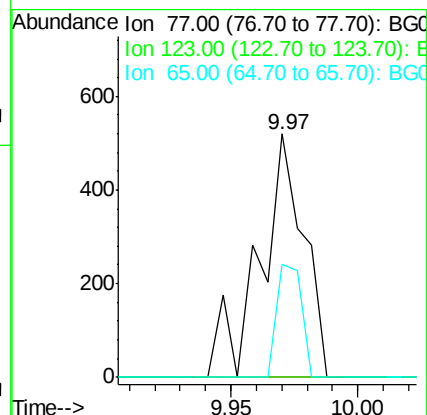
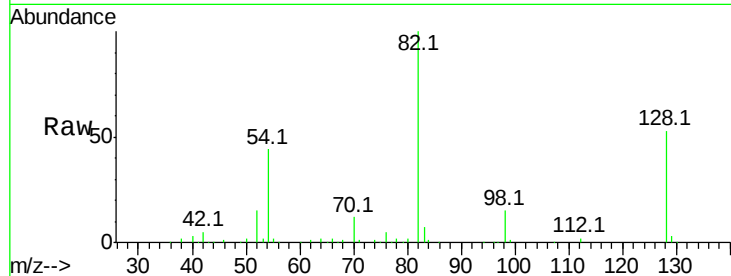




#24
Nitrobenzene
Concen: 0.174 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

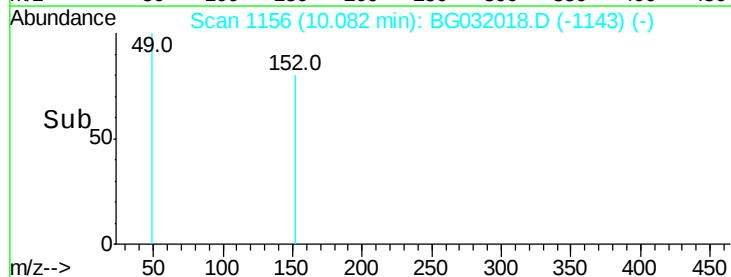
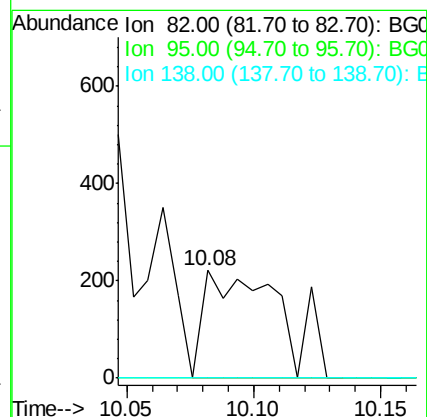
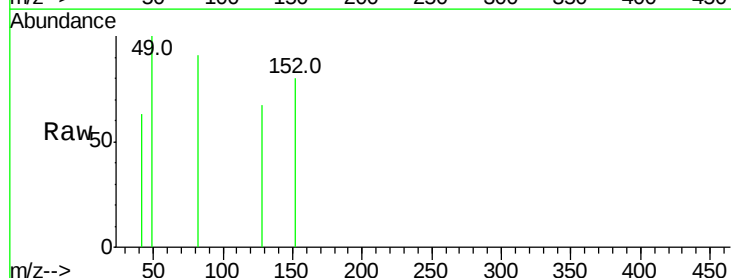
Instrument :
BNA_G
ClientSampled :

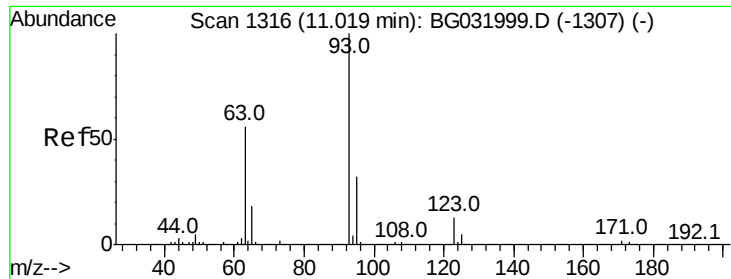
Tot Ion: 77 Resp: 628
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 46.5 13.0 19.6#



#25
Isophorone
Concen: 0.069 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.46 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion: 82 Resp: 466
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.1 18.1#



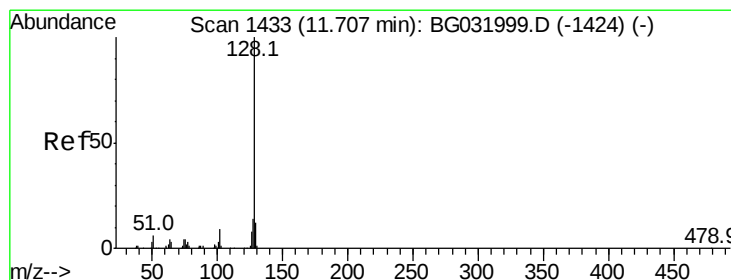
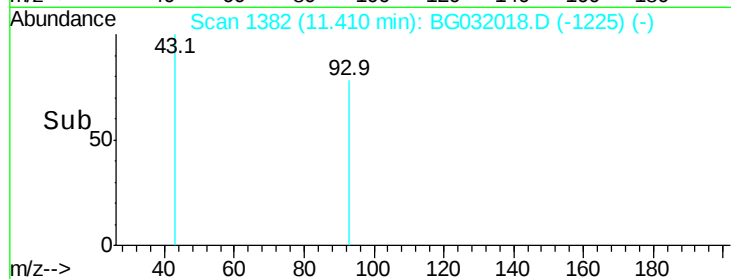
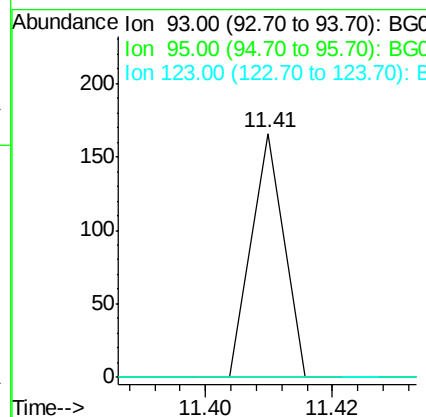
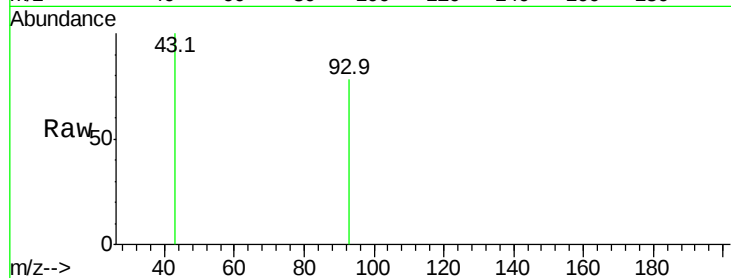


#28
bis(2-Chloroethoxy)methane
Concen: 0.014 ng
RT: 11.41 min Scan# 1382
Delta R.T. 0.39 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 59

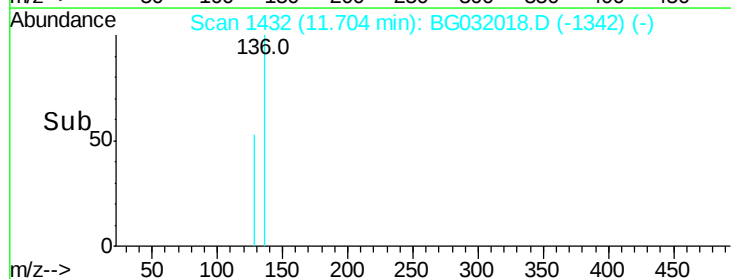
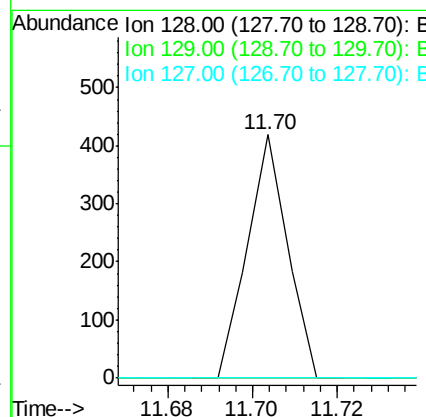
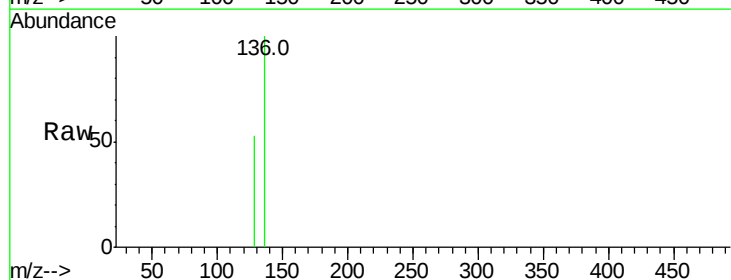
Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#

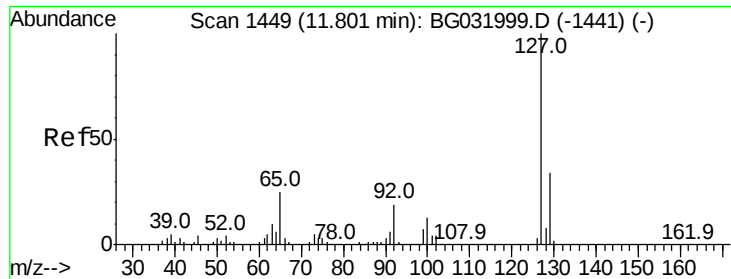


#31
Naphthalene
Concen: 0.023 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion: 128 Resp: 276

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	11.6	17.4#

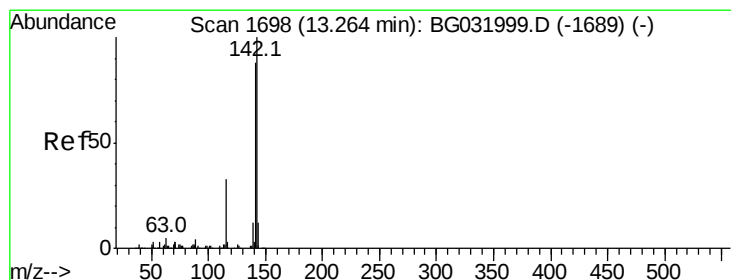
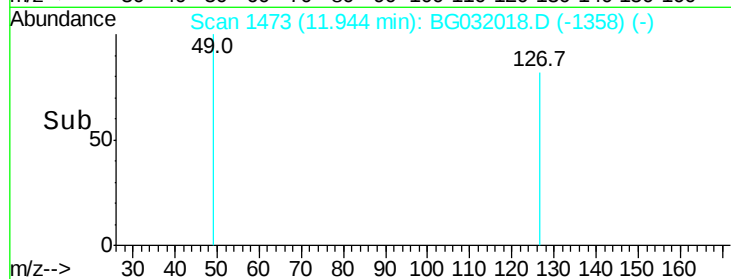
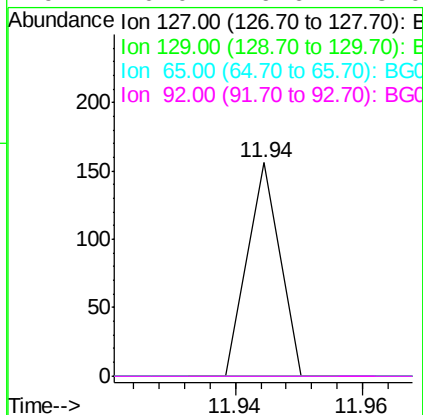
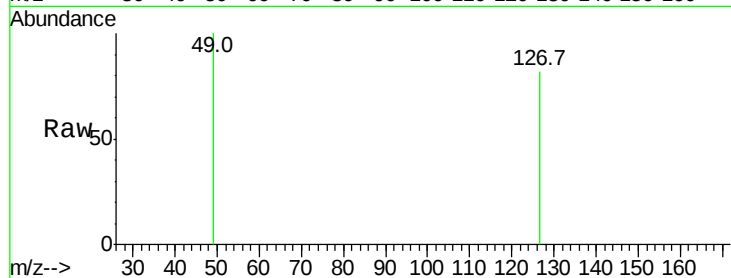




#33
4-Chloroaniline
Concen: 0.011 ng
RT: 11.94 min Scan# 1473
Delta R.T. 0.14 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

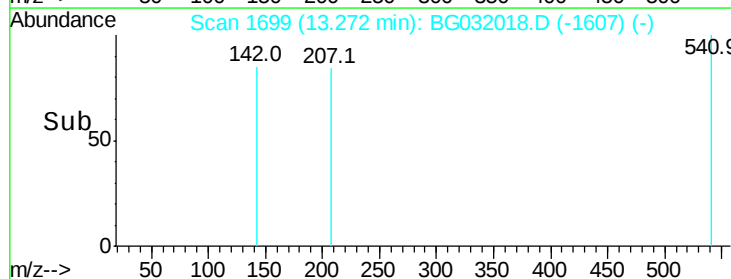
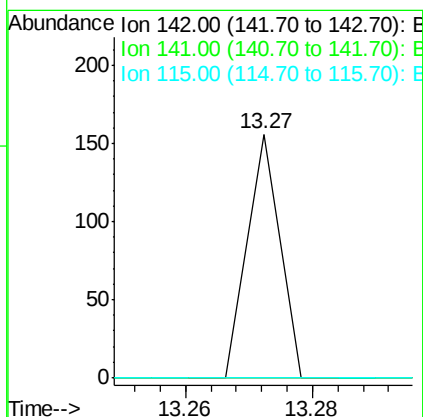
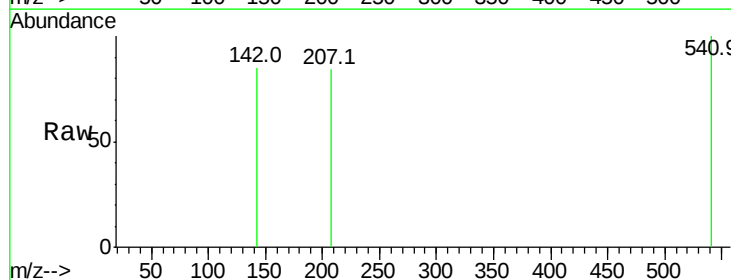
Instrument :
BNA_G
ClientSampleId :

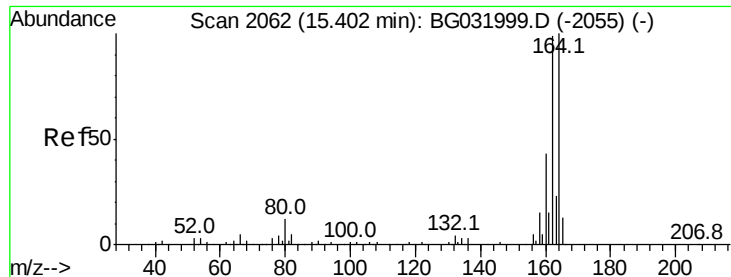
Tot Ion:	127	Resp:	55
Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#37
2-Methylnaphthalene
Concen: 0.006 ng
RT: 13.27 min Scan# 1699
Delta R.T. 0.01 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion:	142	Resp:	55
Ion	Ratio	Lower	Upper
142	100		
141	0.0	67.1	100.7#
115	0.0	30.7	46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

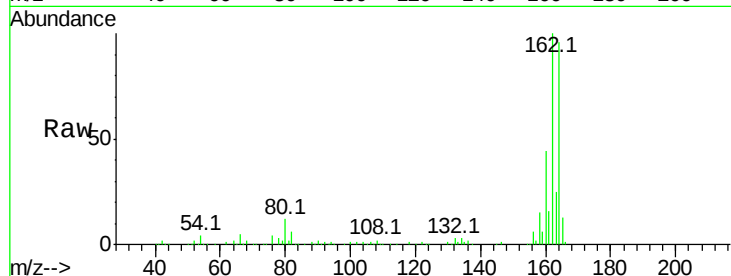
Tot Ion:164 Resp: 169882

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

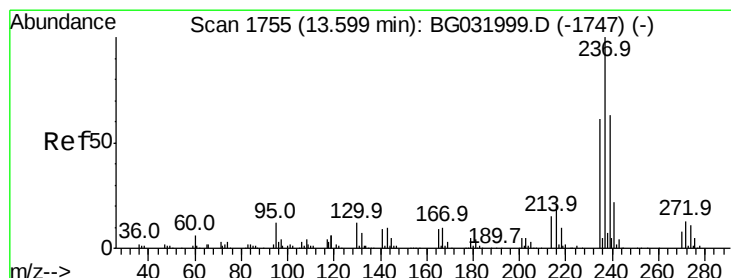
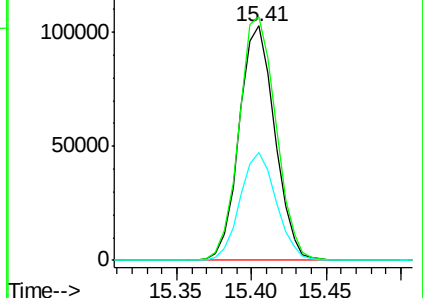
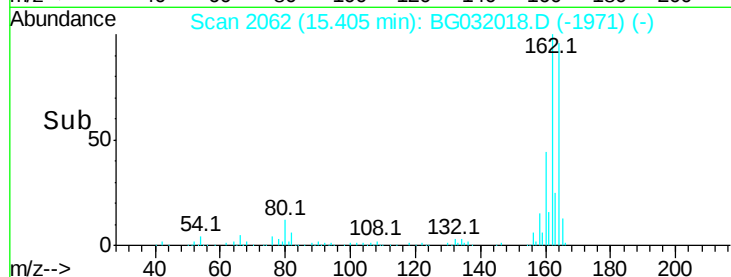
160 45.9 35.4 53.0



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: 0.013 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.29 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

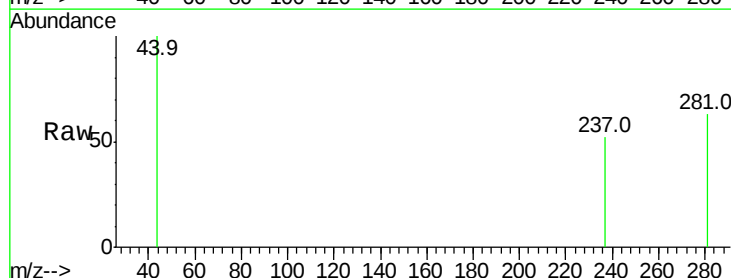
Tgt Ion:237 Resp: 53

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

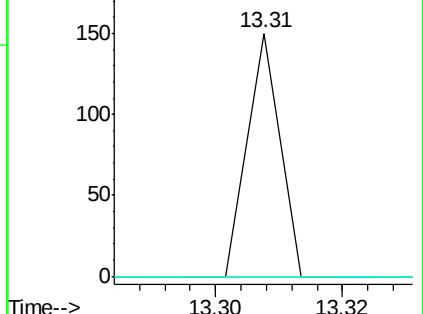
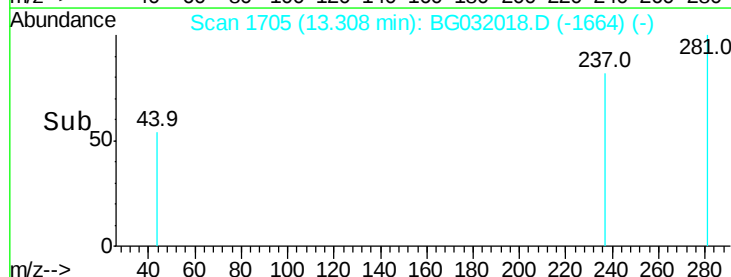
272 0.0 0.0 31.8

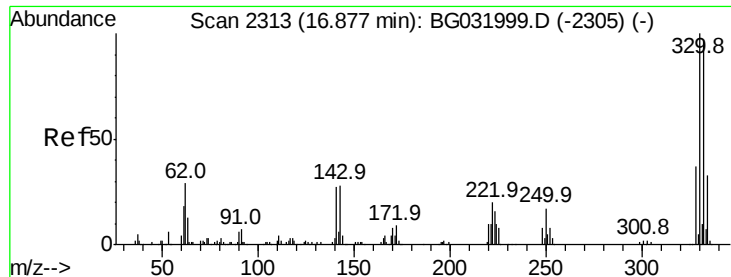


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

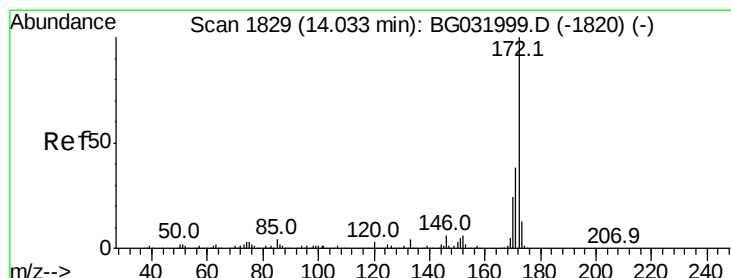
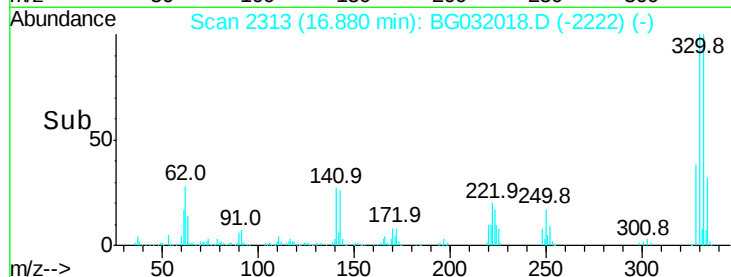
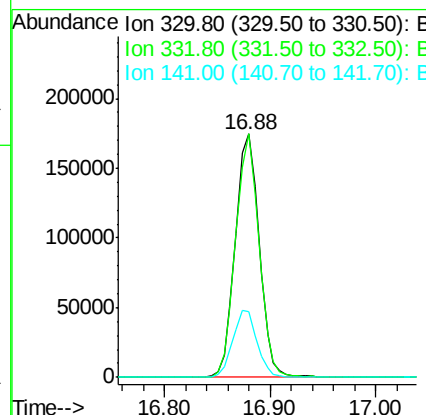
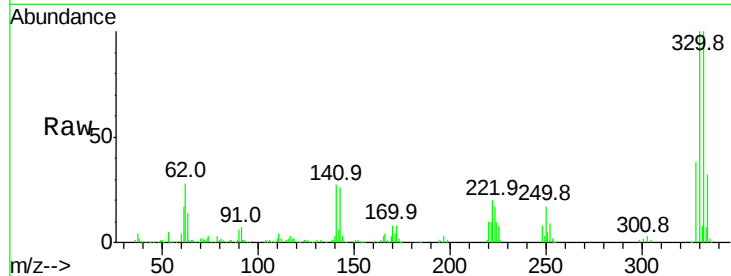




#41
 2,4,6-Tribromophenol
 Concen: 97.185 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

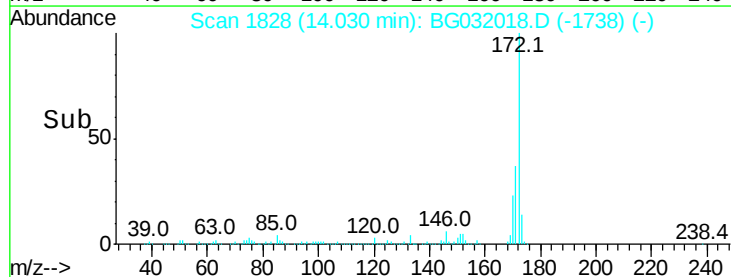
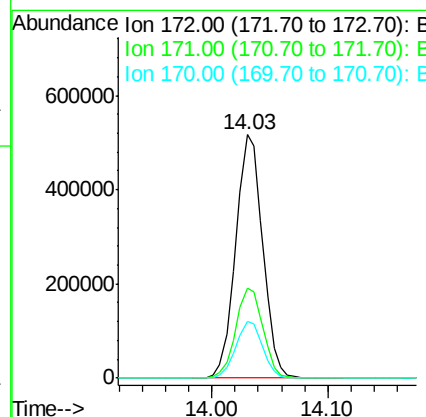
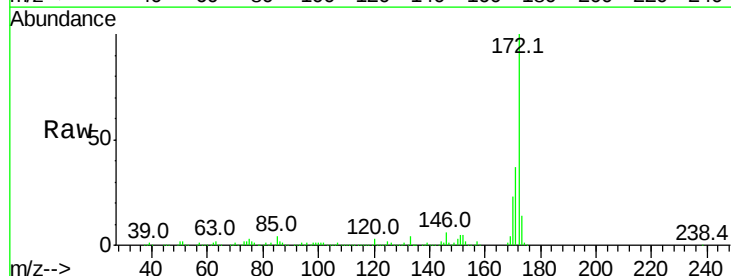
Instrument :
 BNA_G
 ClientSampleId :

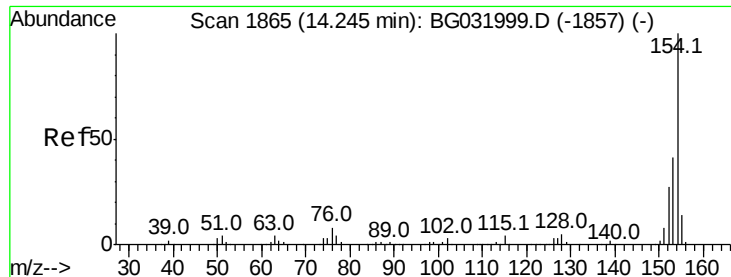
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	27.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 60.903 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.2	19.5	29.3

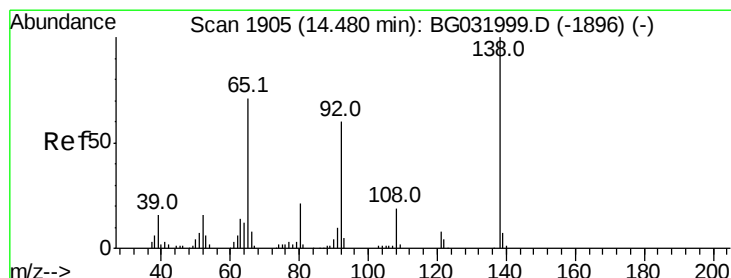
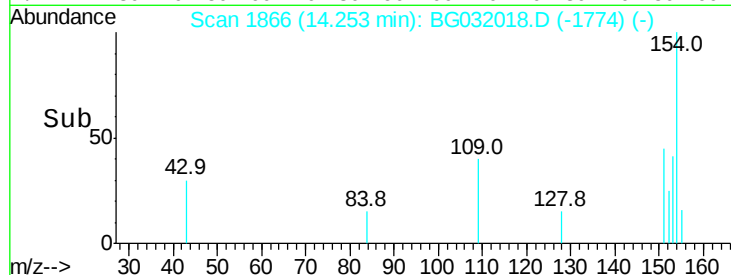
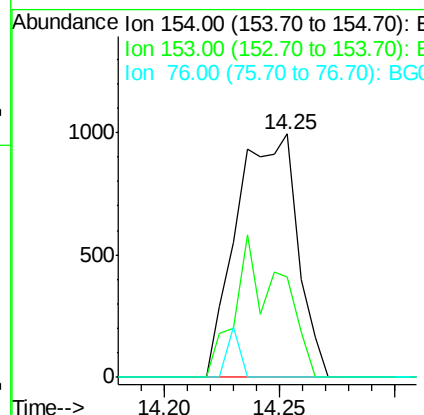
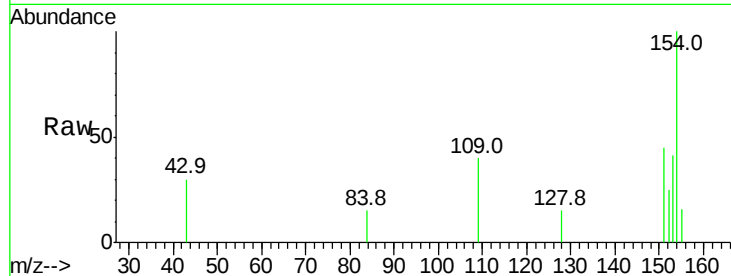




#45
 1,1'-Biphenyl
 Concen: 0.124 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

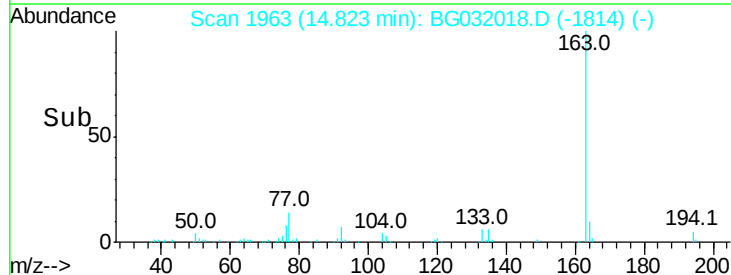
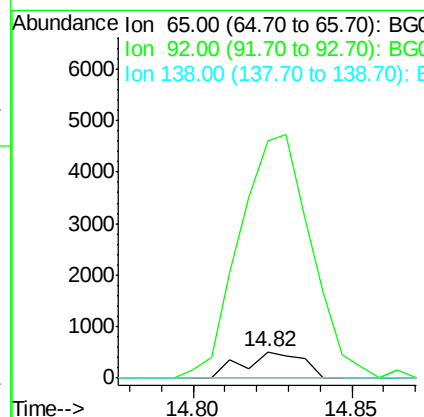
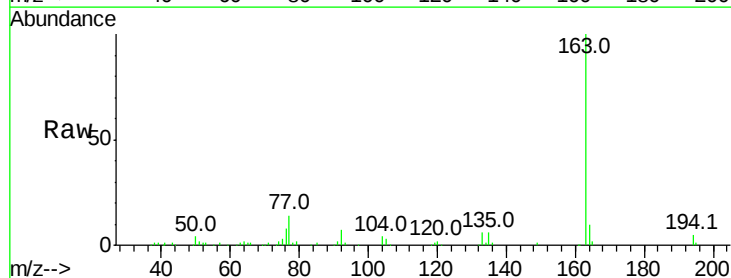
Instrument :
 BNA_G
 ClientSampled :

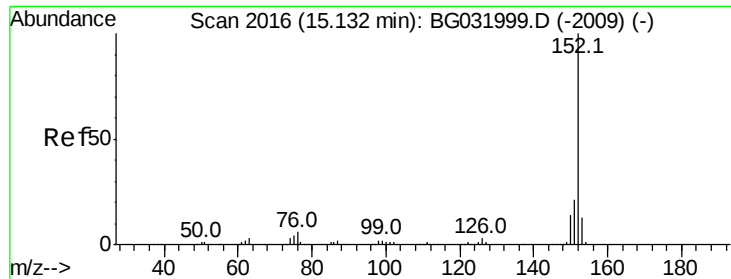
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.8	59.8
76	0.0	0.0	31.9



#47
 2-Nitroaniline
 Concen: 0.302 ng
 RT: 14.82 min Scan# 1963
 Delta R.T. 0.34 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	903.1	54.6	82.0#
138	0.0	72.9	109.3#





#48

Acenaphthylene

Concen: 0.003 ng

RT: 14.96 min Scan# 1986

Delta R.T. -0.17 min

Lab File: BG032018.D

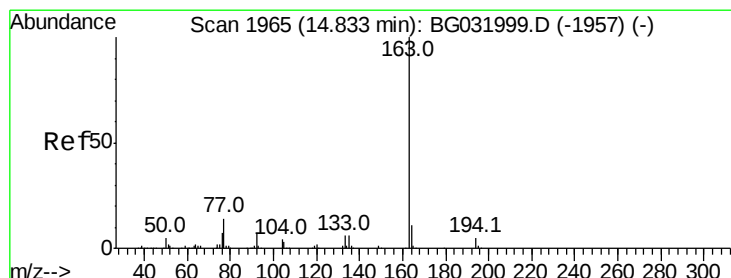
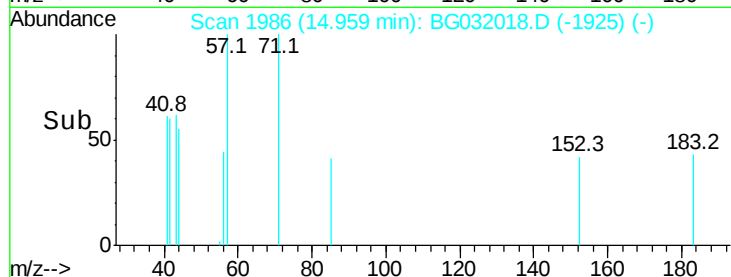
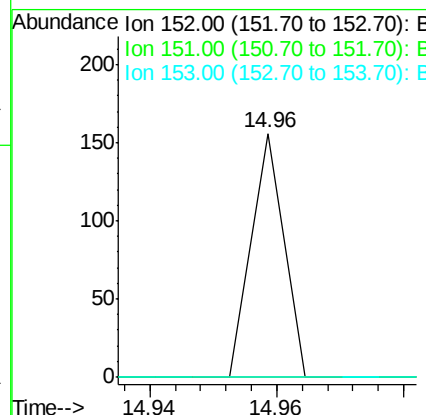
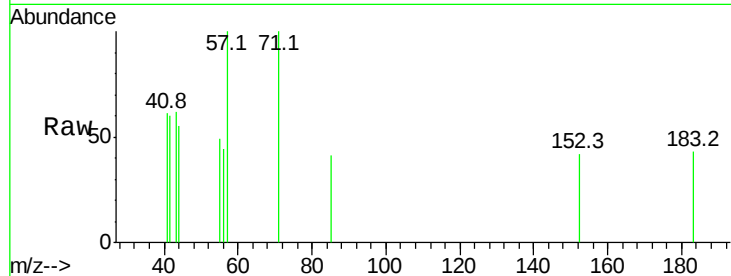
Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	152	Resp:	55
Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	10.2	15.4#



#49

Dimethylphthalate

Concen: 7.395 ng

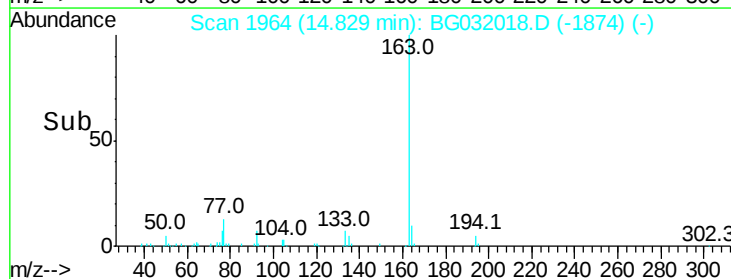
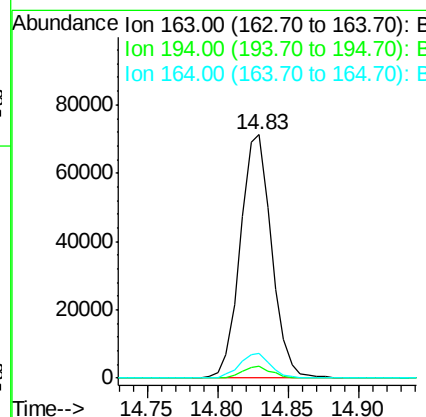
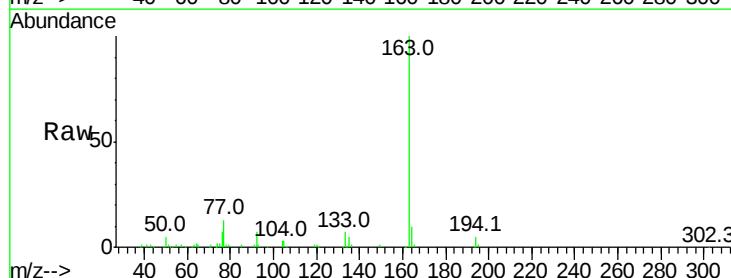
RT: 14.83 min Scan# 1964

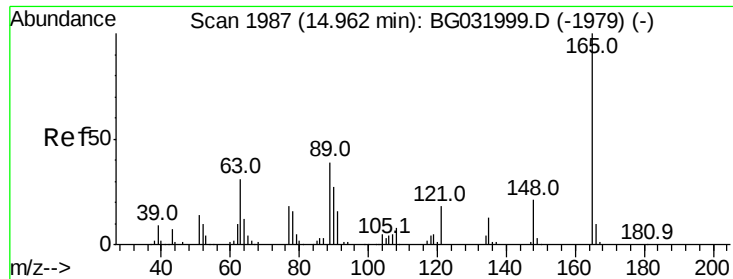
Delta R.T. -0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Tgt Ion:	163	Resp:	109936
Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.1	8.2	12.4

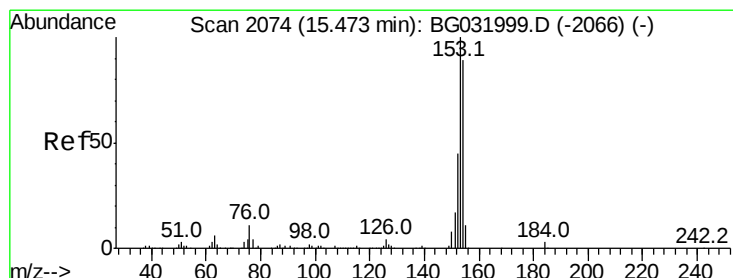
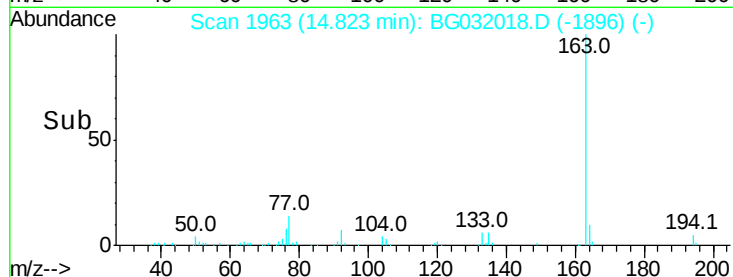
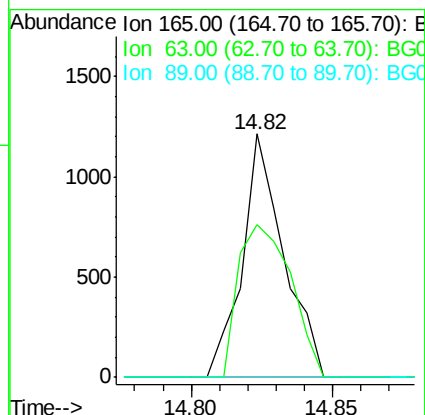
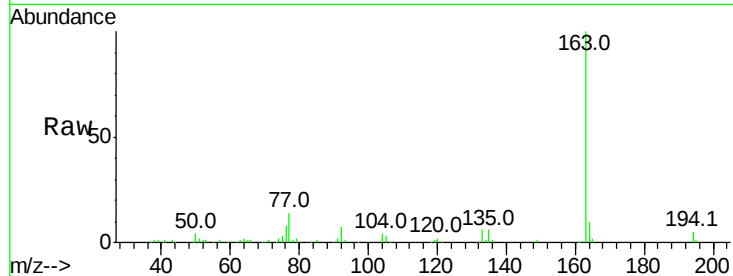




#50
2,6-Dinitrotoluene
Concen: 0.400 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.14 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

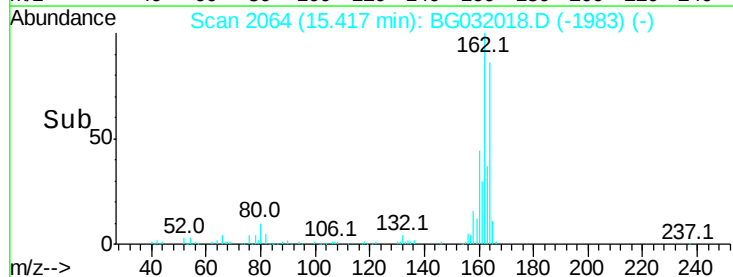
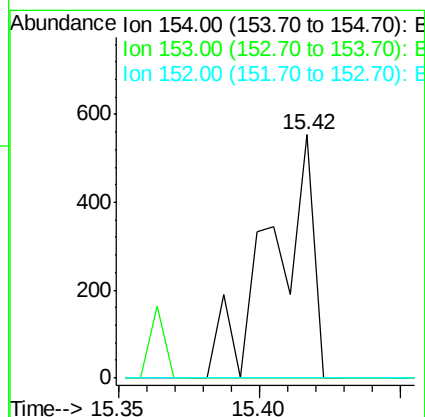
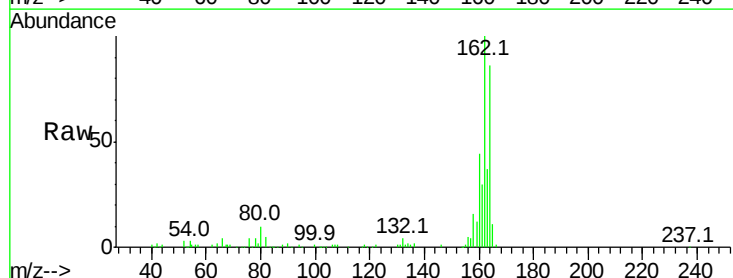
Instrument :
BNA_G
ClientSampleId :

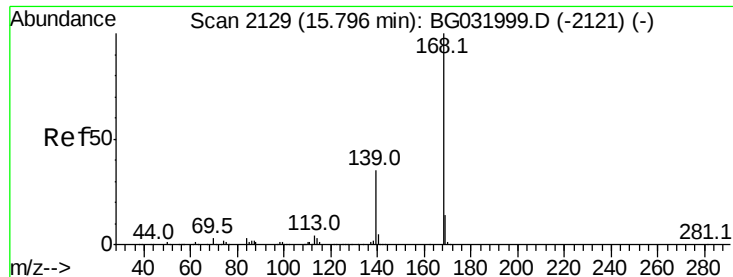
Tot Ion:165 Resp: 1235
Ion Ratio Lower Upper
165 100
63 62.9 52.7 79.1
89 0.0 49.2 73.8#



#51
Acenaphthene
Concen: 0.050 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.06 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion:154 Resp: 568
Ion Ratio Lower Upper
154 100
153 50.5 90.4 135.6#
152 0.0 41.6 62.4#





#54

Dibenzofuran

Concen: 0.010 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

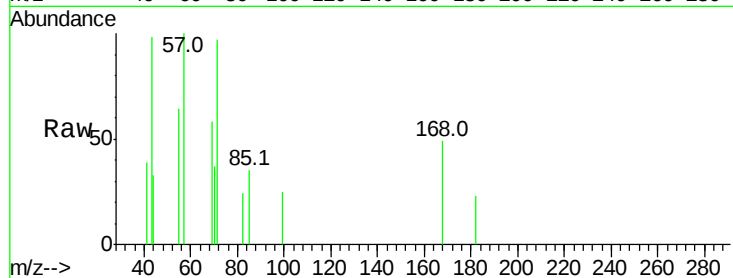
Tot Ion:168 Resp: 168

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

169 0.0 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.79

300

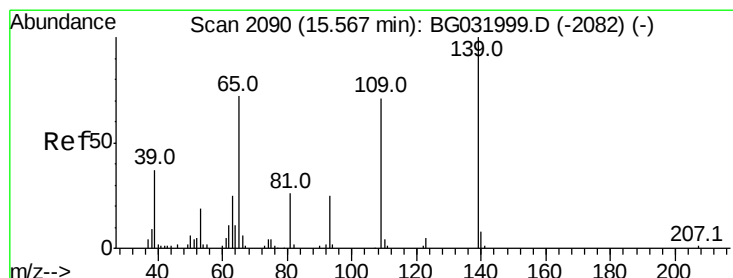
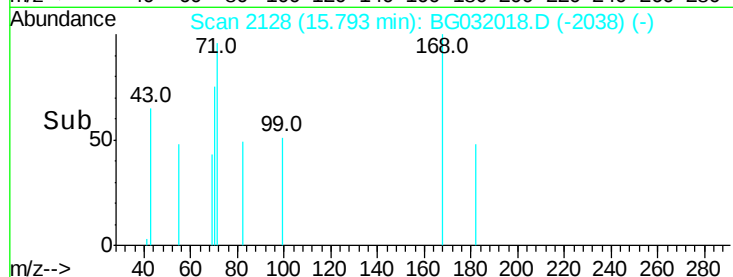
200

100

0

15.78 15.80 15.82

Time-->



#55

4-Nitrophenol

Concen: 0.029 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.21 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

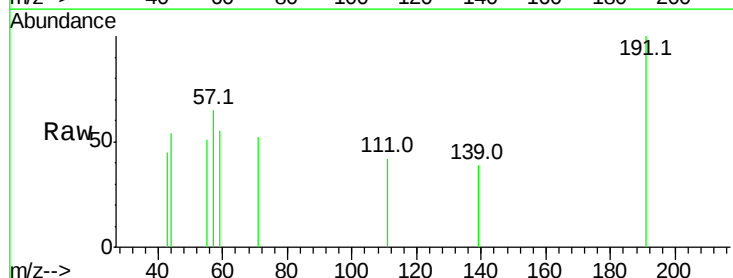
Tgt Ion:139 Resp: 59

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): BGO

15.35

200

150

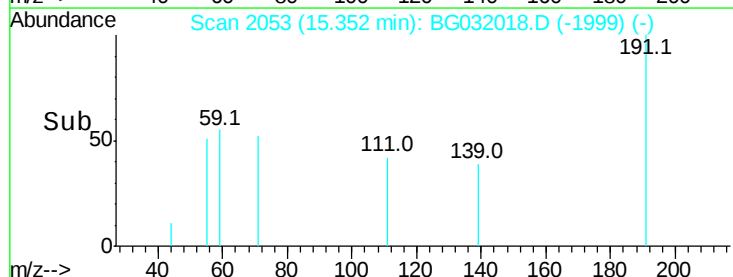
100

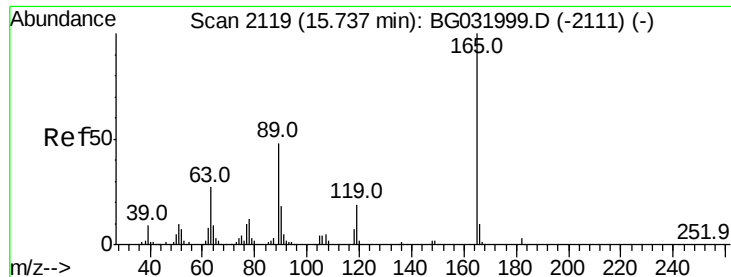
50

0

15.34 15.36

Time-->

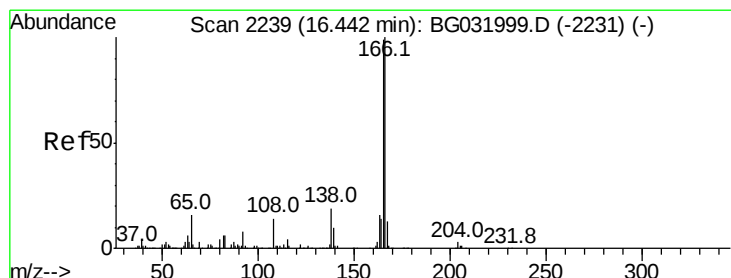
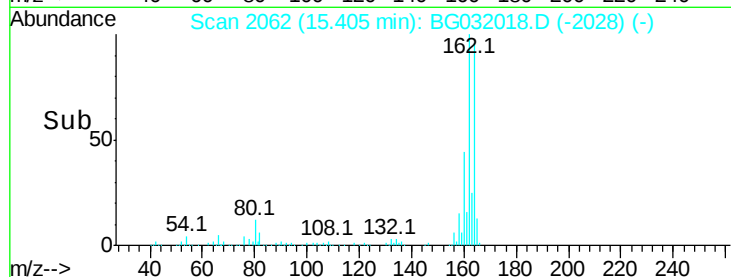
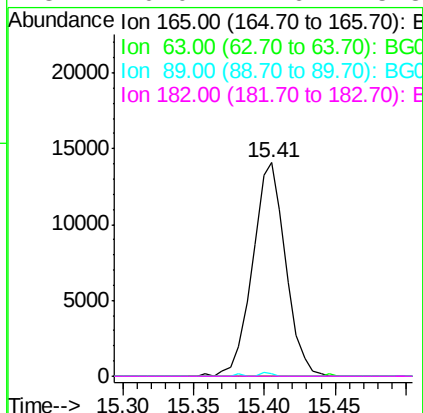
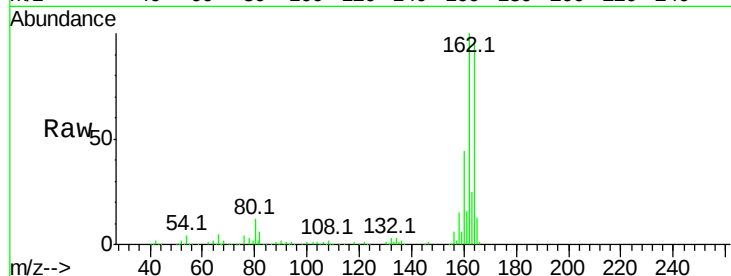




#56
2,4-Dinitrotoluene
Concen: 5.552 ng
RT: 15.41 min Scan# 2062
Delta R.T. -0.33 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

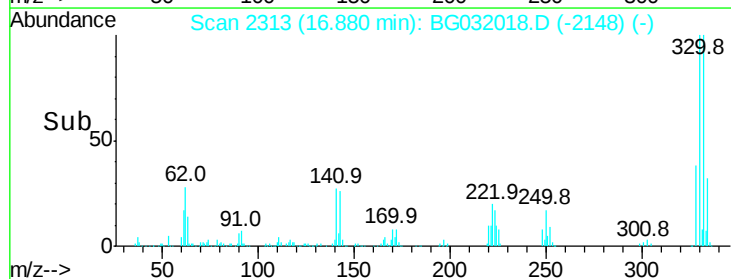
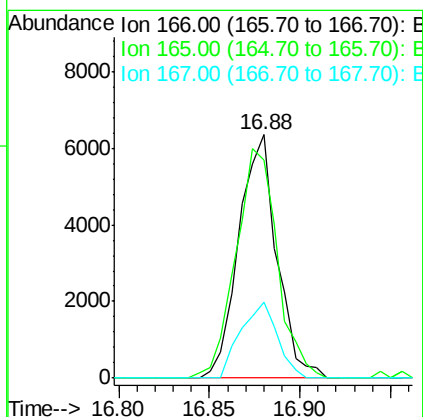
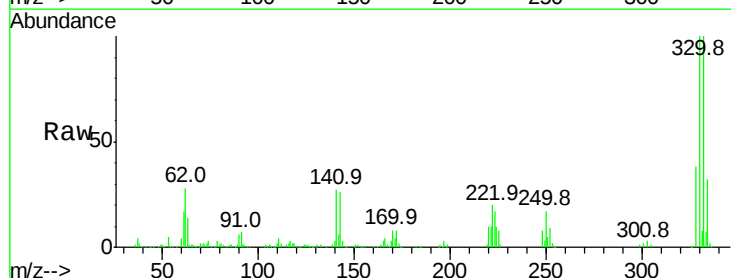
Instrument :
BNA_G
ClientSampleId :

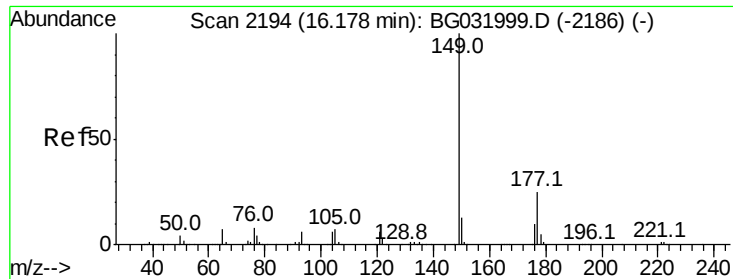
Tot Ion:165 Resp: 23065
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.5 66.9 100.3#
182 0.0 2.6 3.8#



#57
Fluorene
Concen: 0.665 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.44 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion:166 Resp: 9279
Ion Ratio Lower Upper
166 100
165 89.8 80.6 121.0
167 31.4 10.4 15.6#





#59

Diethylphthalate

Concen: 0.095 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG032018.D

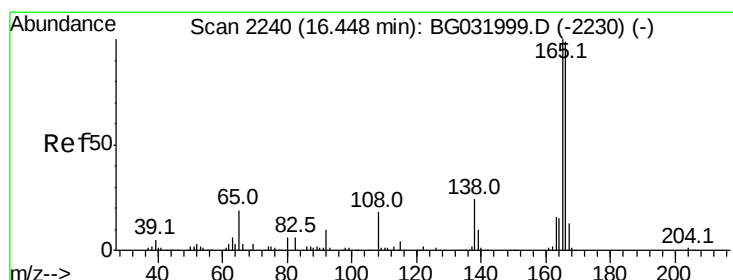
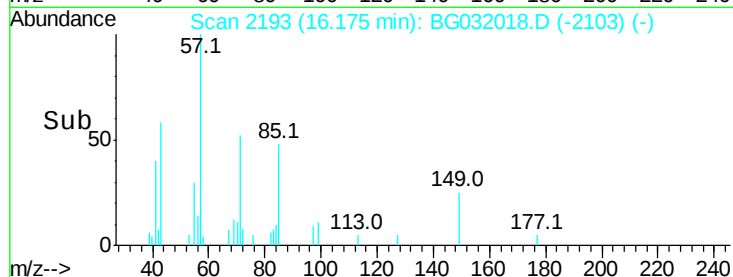
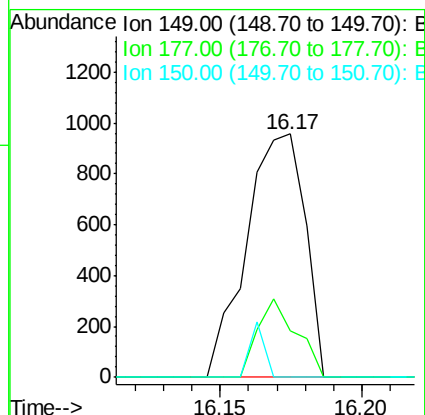
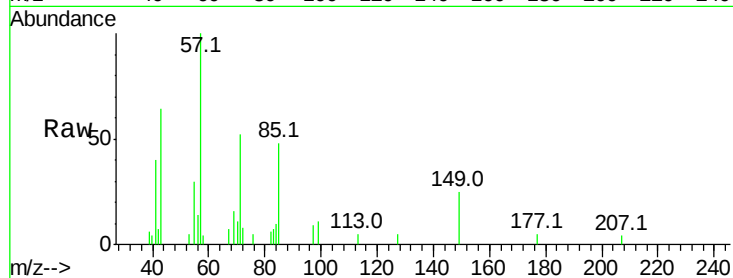
Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	1371
Ion	Ratio	Lower	Upper
149	100		
177	19.0	18.5	27.7
150	0.0	10.2	15.2#



#61

4-Nitroaniline

Concen: 0.021 ng

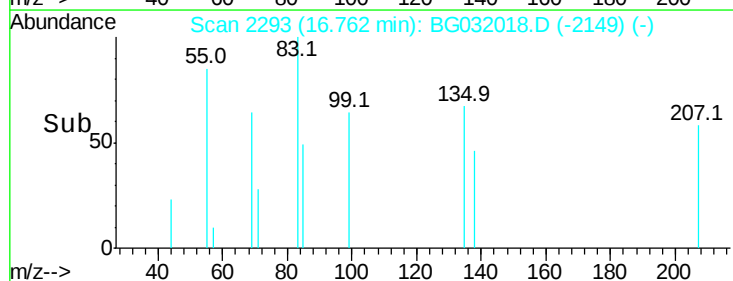
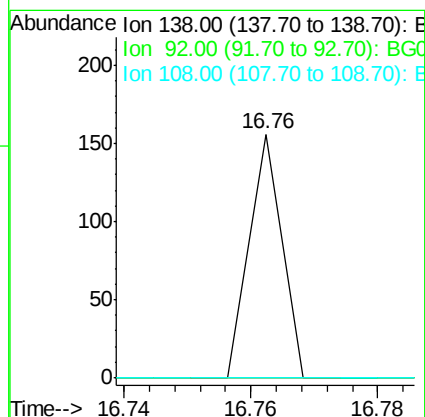
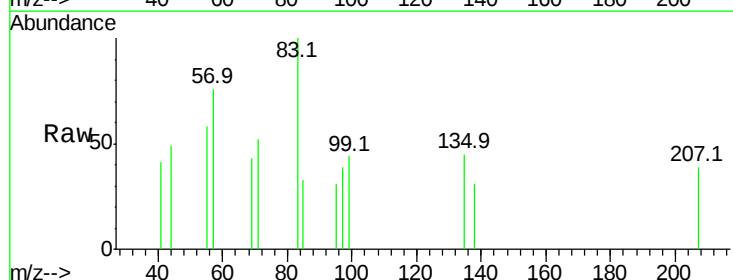
RT: 16.76 min Scan# 2293

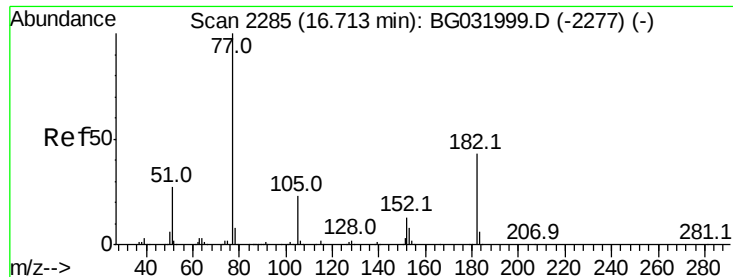
Delta R.T. 0.31 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Tgt Ion:	138	Resp:	55
Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#





#62

Azobenzene

Concen: 0.007 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.02 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 64

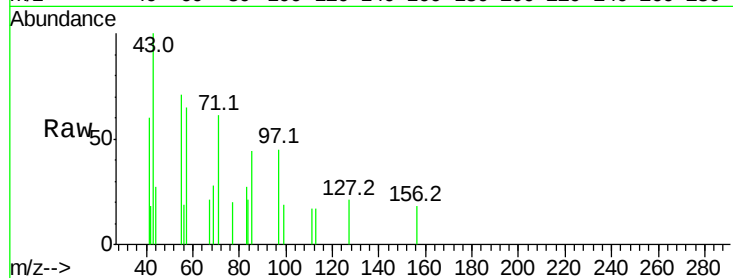
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#

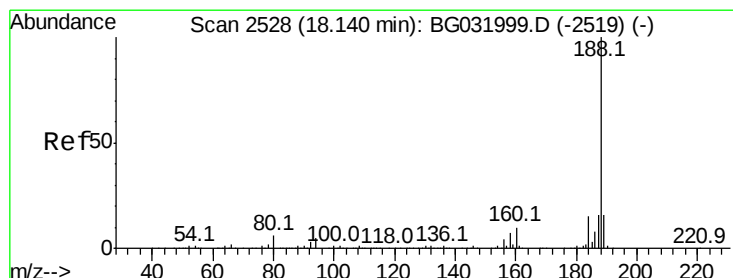
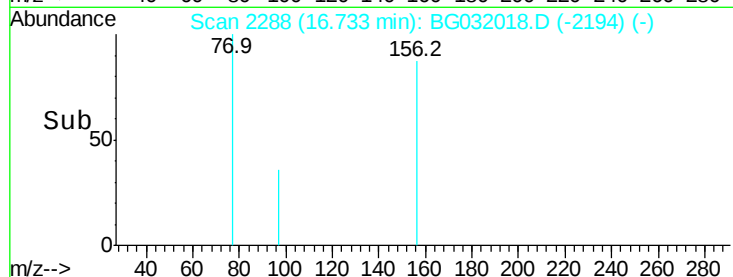
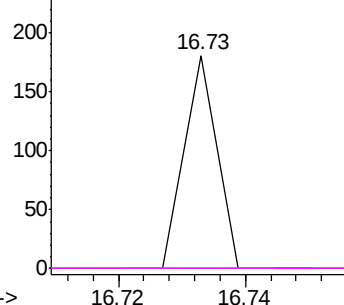


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.14 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

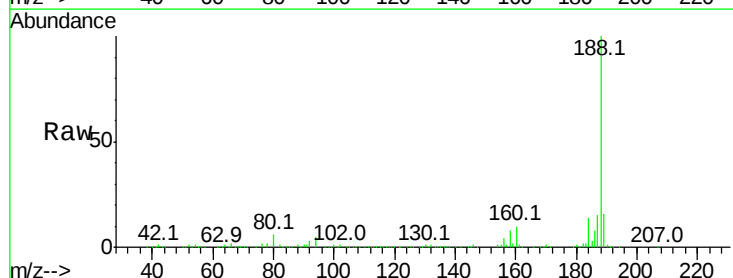
Tgt Ion: 188 Resp: 429792

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

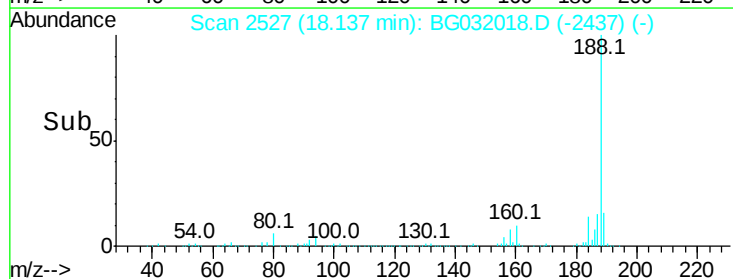
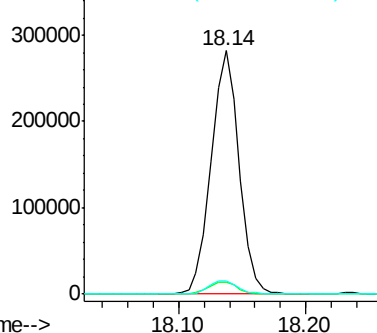
80 5.5 7.7 11.5#

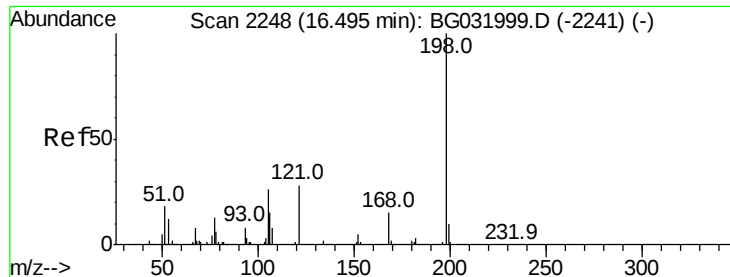


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

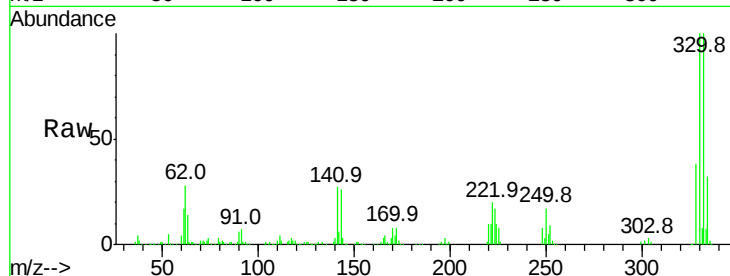




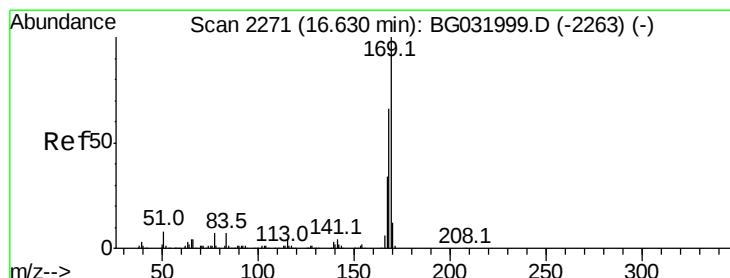
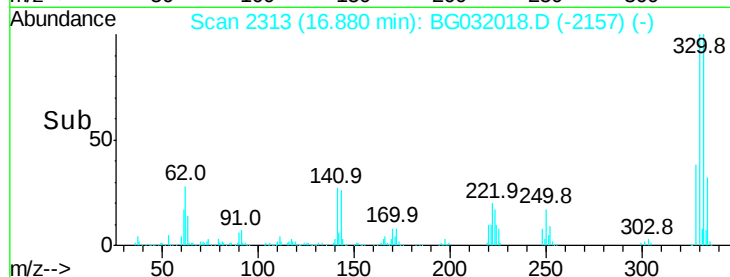
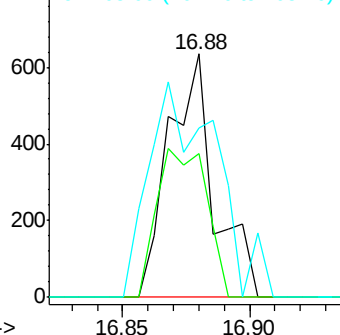
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.143 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.38 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 792
 Ion Ratio Lower Upper
 198 100
 51 58.9 30.6 70.6
 105 69.8 23.8 63.8#

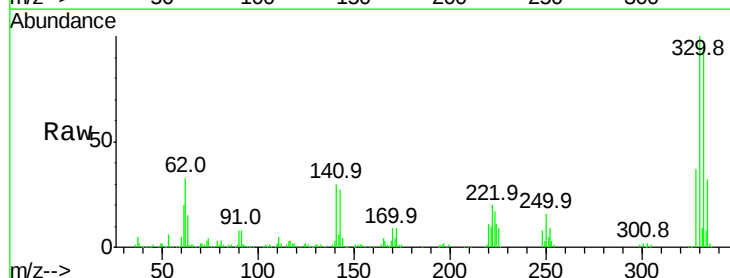


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

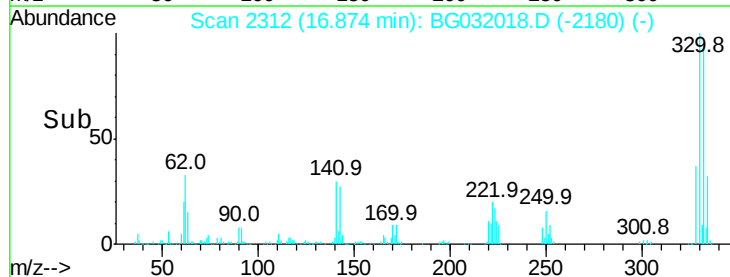
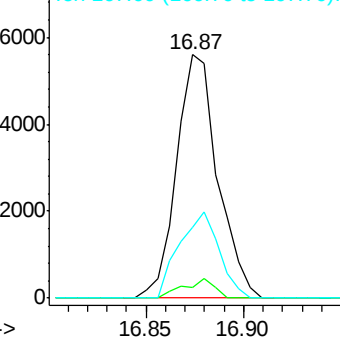


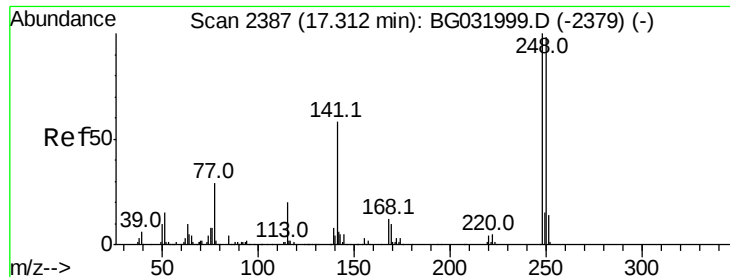
#65
 n-Nitrosodiphenylamine
 Concen: 0.626 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. 0.24 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

Tgt Ion:169 Resp: 8163
 Ion Ratio Lower Upper
 169 100
 168 4.3 55.7 83.5#
 167 28.9 30.1 45.1#



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

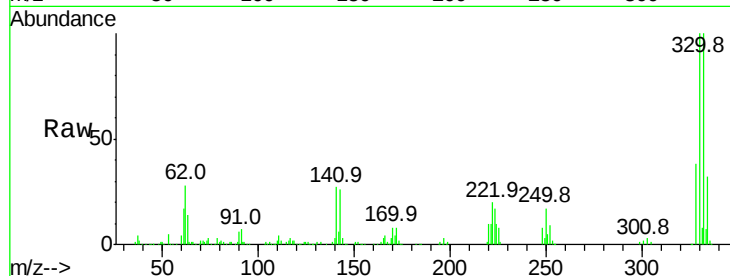




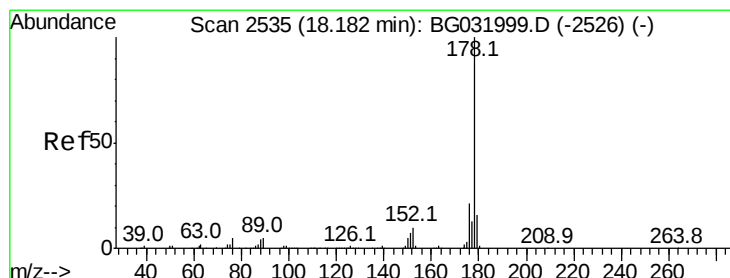
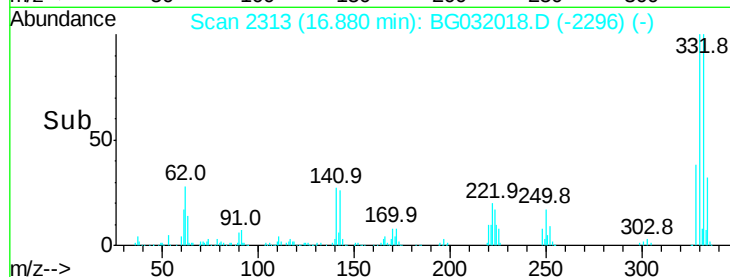
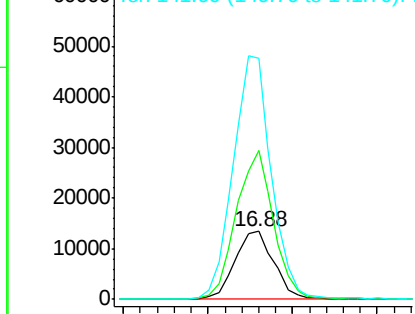
#66
4-Bromophenyl-phenylether
Concen: 3.525 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.43 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21557
Ion Ratio Lower Upper
248 100
250 218.7 77.1 115.7#
141 353.5 50.8 76.2#

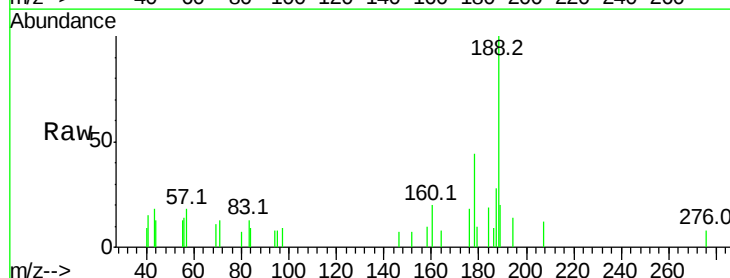


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

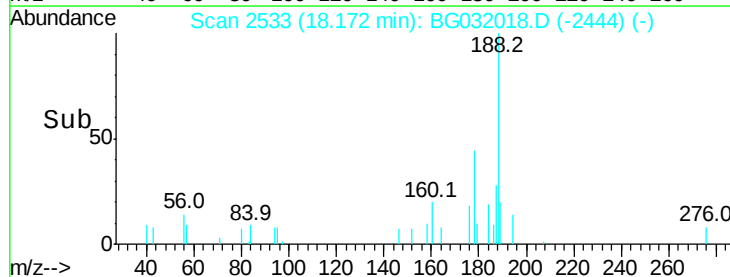
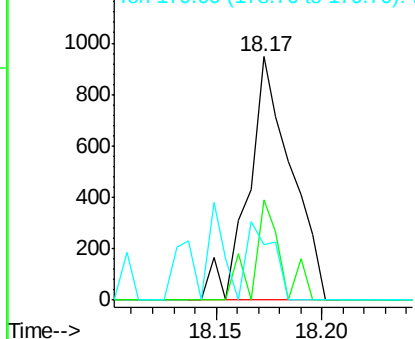


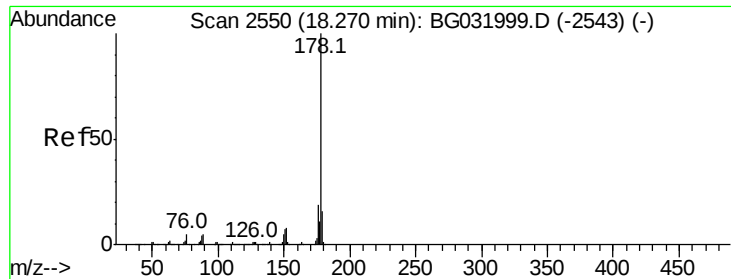
#70
Phenanthrene
Concen: 0.056 ng
RT: 18.17 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion:178 Resp: 1331
Ion Ratio Lower Upper
178 100
176 41.3 15.7 23.5#
179 23.0 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: 18.26 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

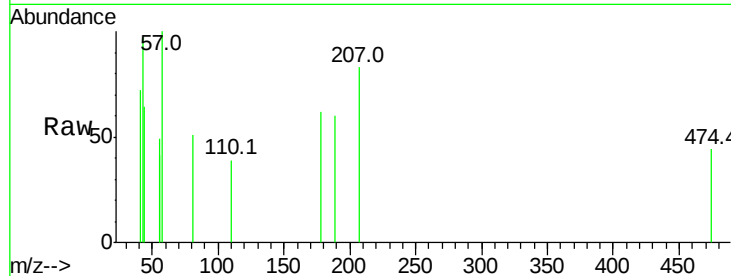
Tot Ion:178 Resp: 226

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

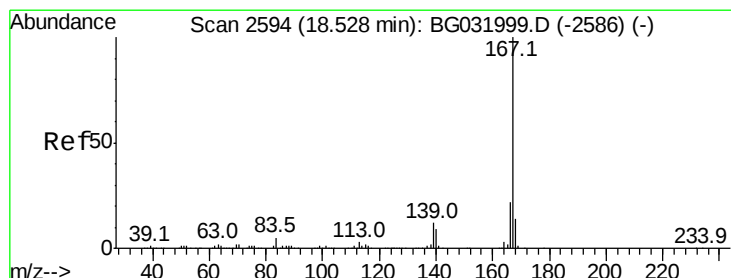
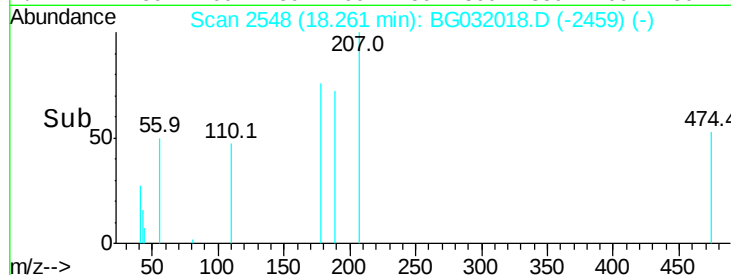
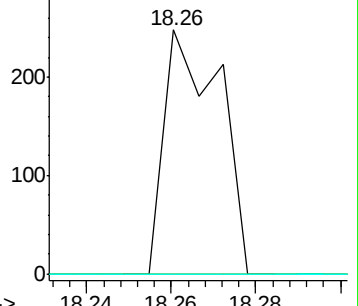
179 0.0 12.5 18.7#



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: 0.007 ng

RT: 18.53 min Scan# 2594

Delta R.T. 0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

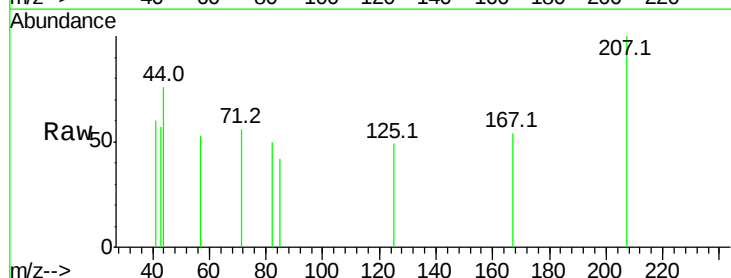
Tgt Ion:167 Resp: 136

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

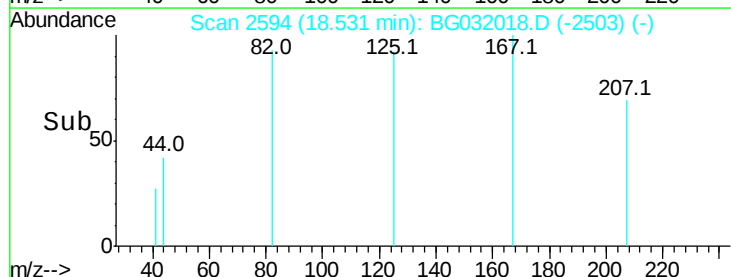
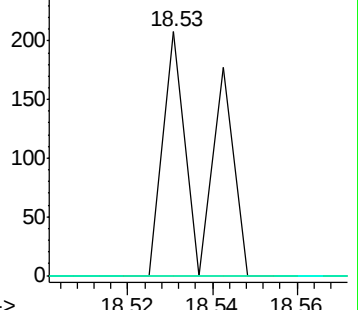
139 0.0 9.4 14.2#

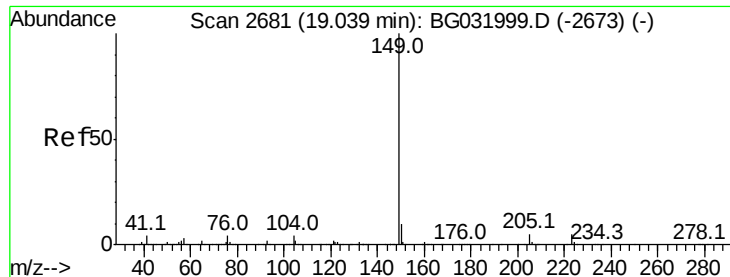


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

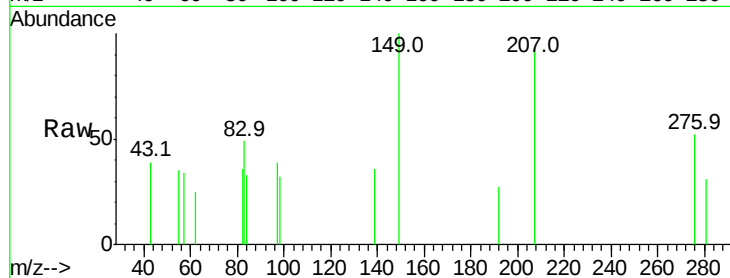




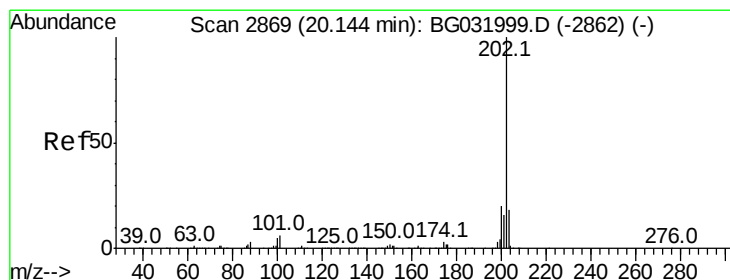
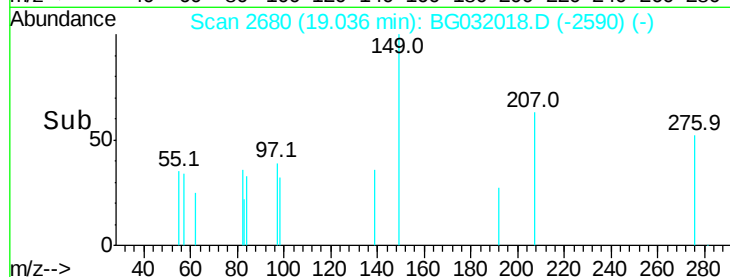
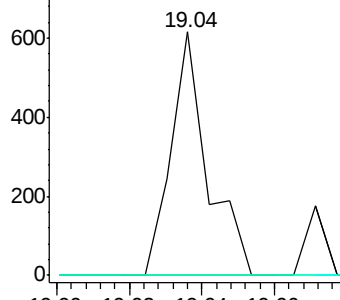
#73
Di-n-butylphthalate
Concen: 0.018 ng
RT: 19.04 min Scan# 2680
Delta R.T. -0.00 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 433
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.6#
104 0.0 3.9 5.9#

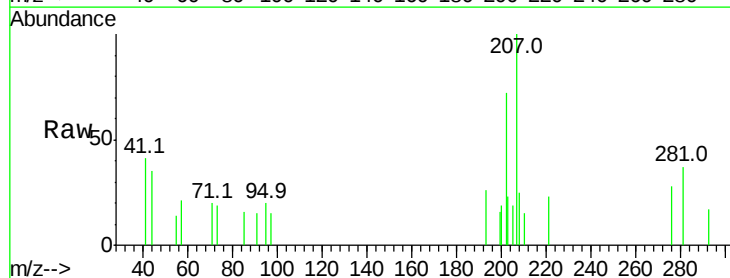


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

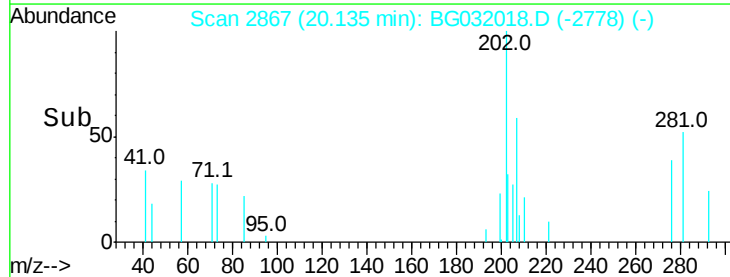
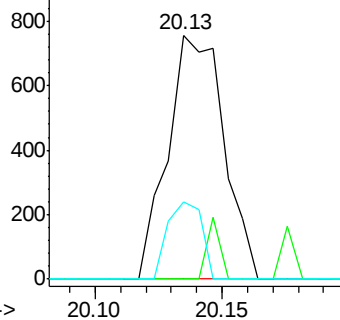


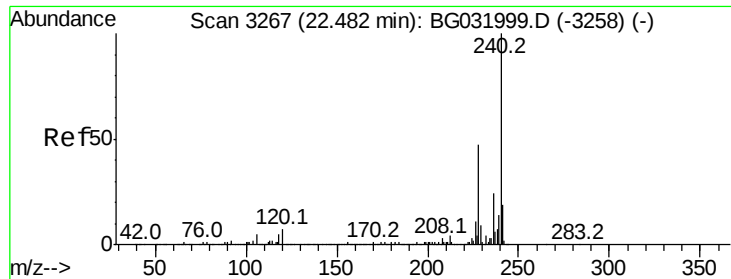
#74
Fluoranthene
Concen: 0.039 ng
RT: 20.13 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion:202 Resp: 1163
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.9
203 31.6 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: 22.47 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

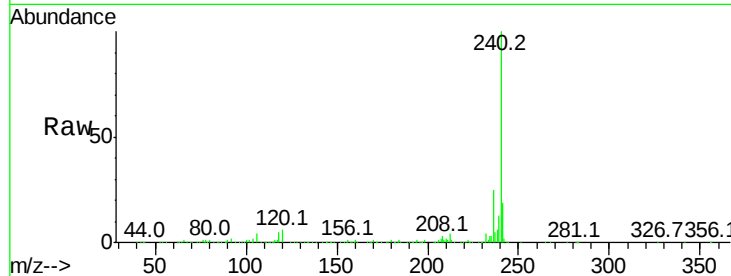
Tot Ion:240 Resp: 505303

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

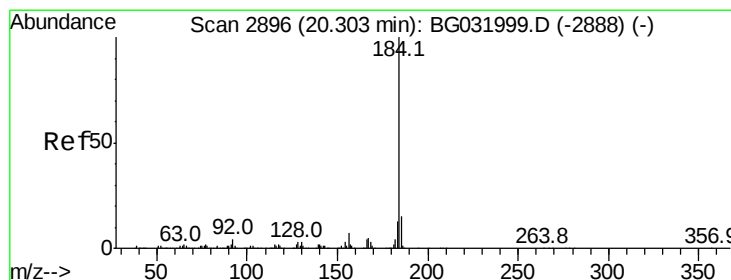
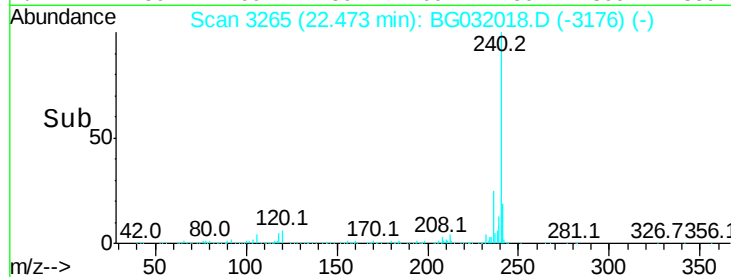
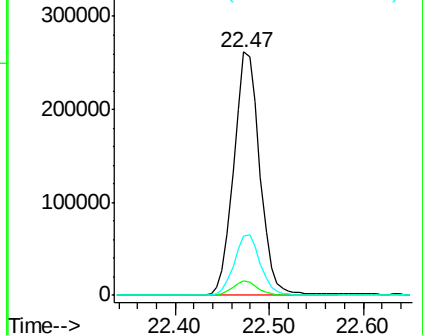
236 24.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.593 ng

RT: 20.67 min Scan# 2958

Delta R.T. 0.37 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

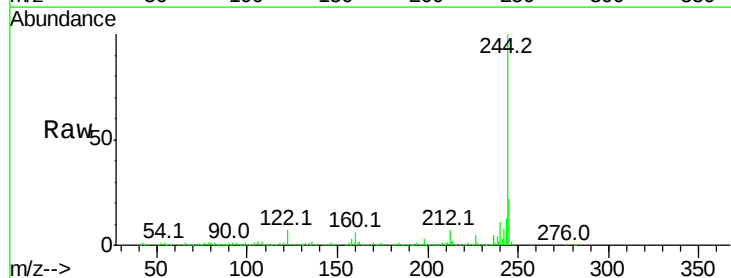
Tgt Ion:184 Resp: 20126

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

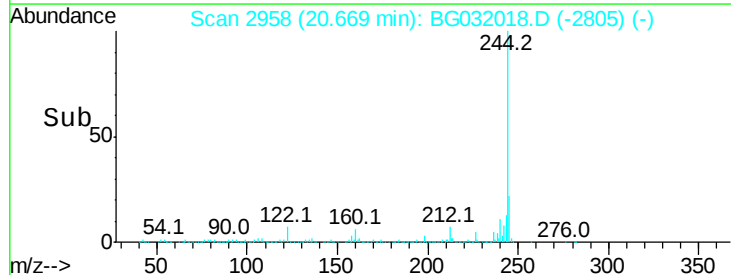
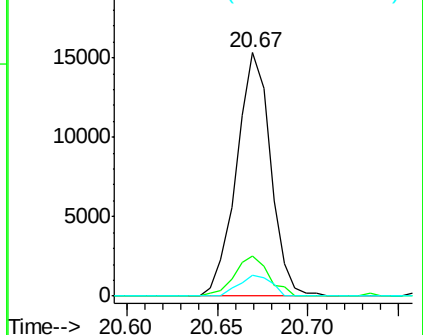
183 8.7 10.6 16.0#

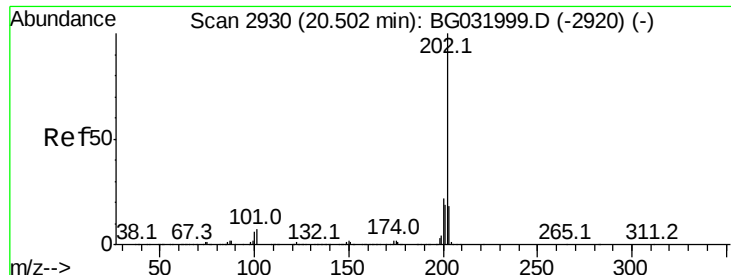


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

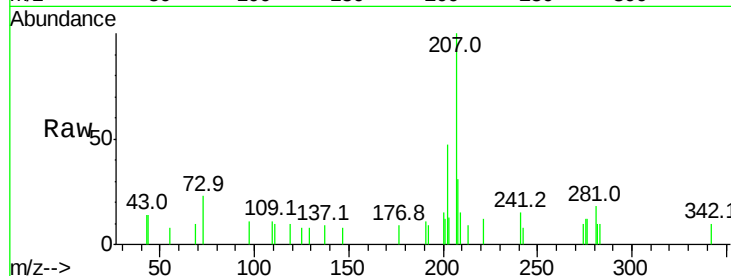




#77
Pvrene
Concen: 0.040 ng
RT: 20.50 min Scan# 2929
Delta R.T. -0.00 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	32.5	16.9	25.3#
203	27.8	13.9	20.9#

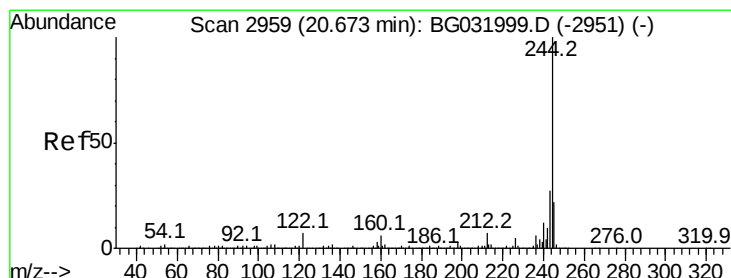
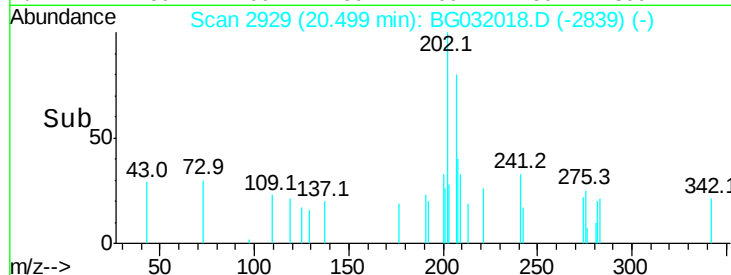
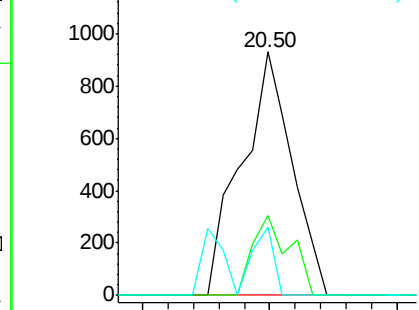


Abundance

Ion 202.00 (201.70 to 202.70): E

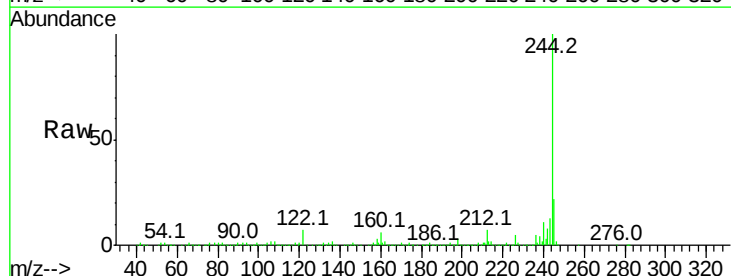
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 66.834 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	6.9	7.0	10.4#

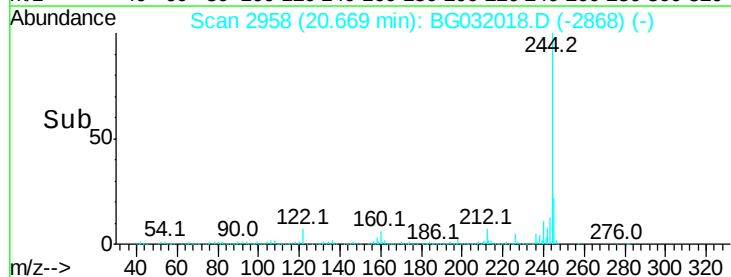
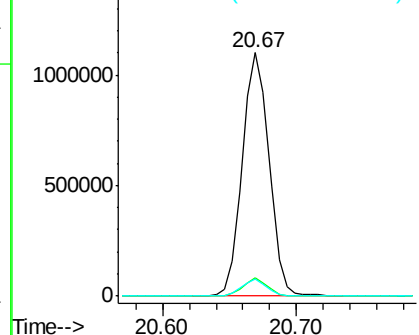


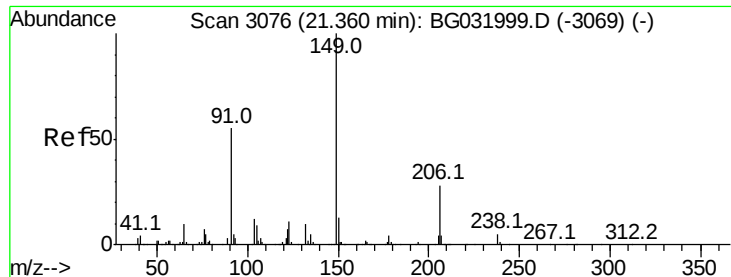
Abundance

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

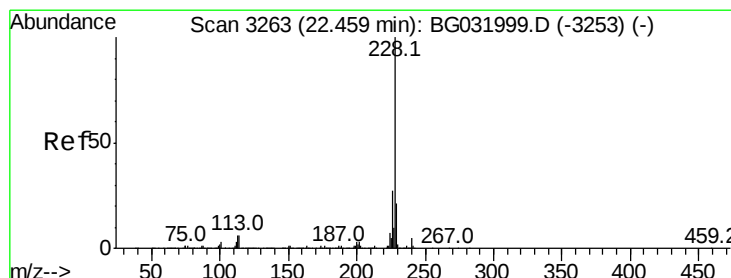
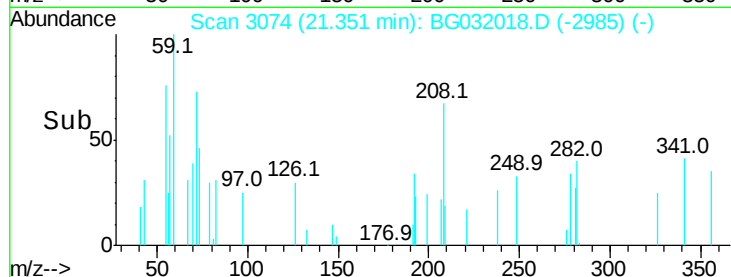
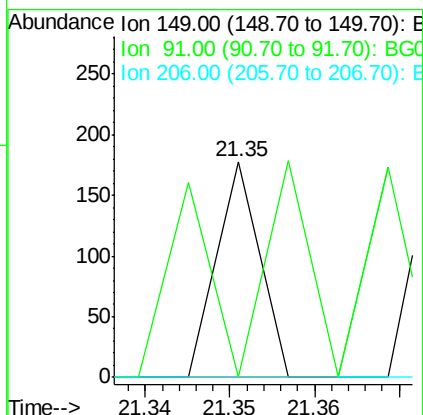
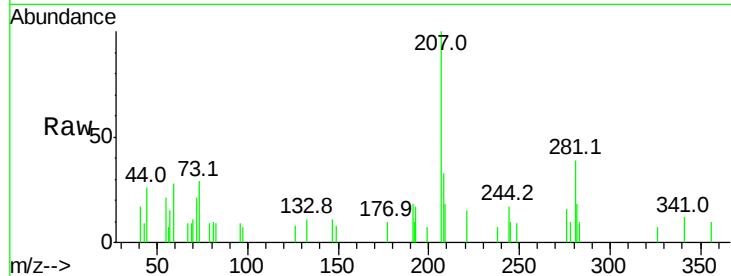




#79
Butylbenzylphthalate
Concen: 0.006 ng
RT: 21.35 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

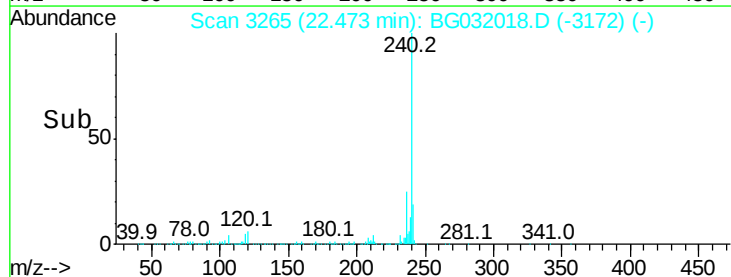
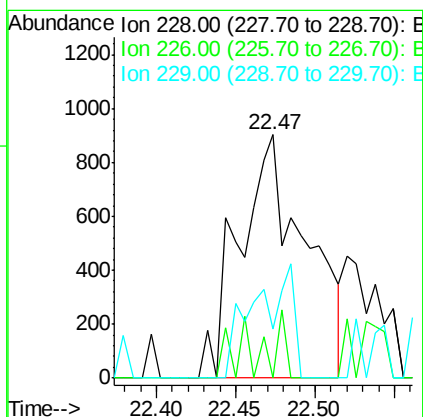
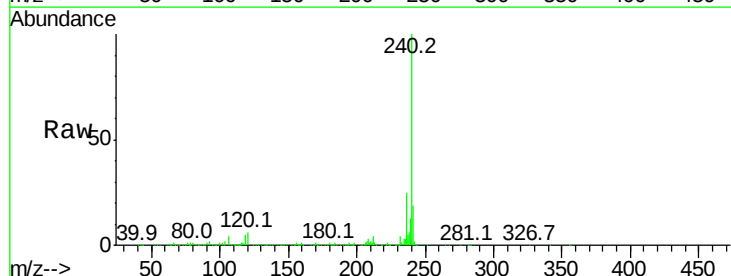
Instrument :
BNA_G
ClientSampleId :

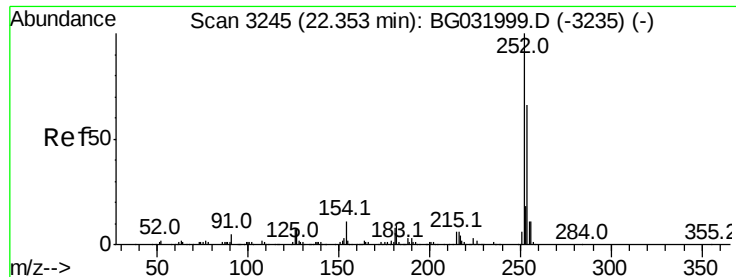
Tot Ion:149 Resp: 63
Ion Ratio Lower Upper
149 100
91 0.0 62.2 93.2#
206 0.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 0.083 ng
RT: 22.47 min Scan# 3265
Delta R.T. 0.01 min
Lab File: BG032018.D
Acq: 13 Jan 2018 1:02

Tgt Ion:228 Resp: 2614
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 19.9 16.2 24.2

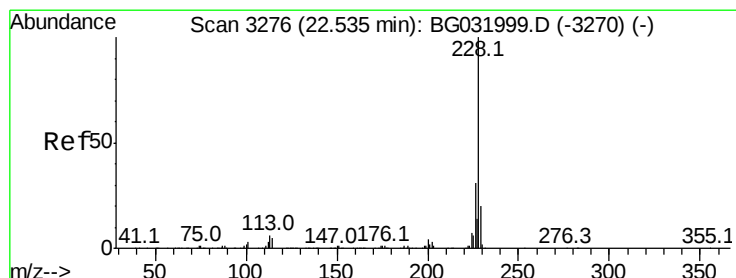
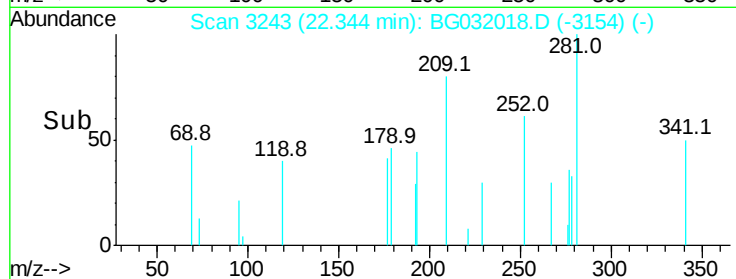
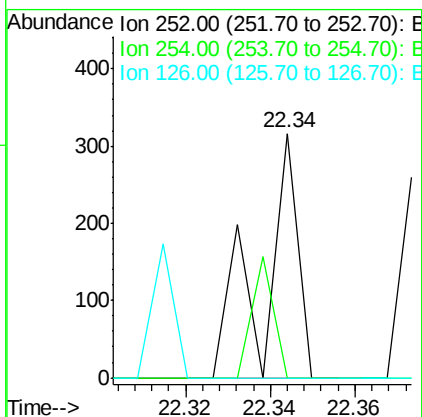
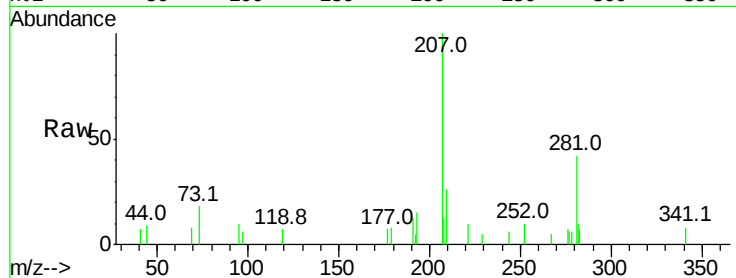




#81
 3,3'-Dichlorobenzidine
 Concen: 0.016 ng
 RT: 22.34 min Scan# 3243
 Delta R.T. -0.01 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

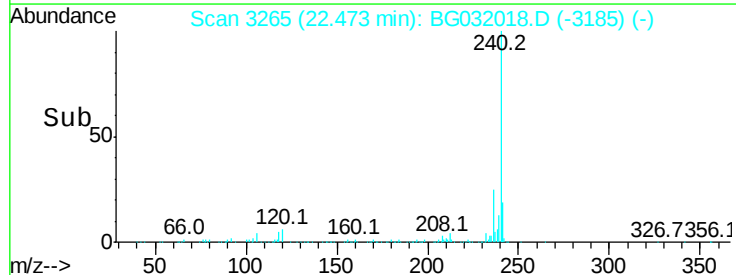
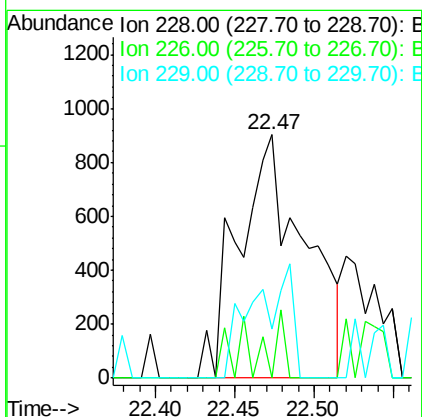
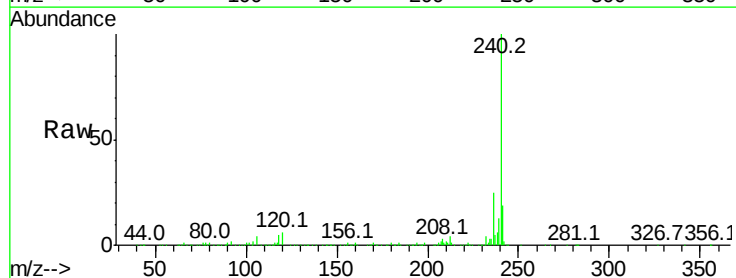
Instrument :
 BNA_G
 ClientSampled :

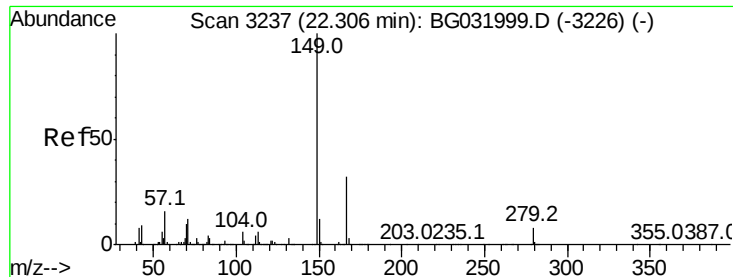
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



#82
 Chrysene
 Concen: 0.087 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.06 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	19.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.039 ng

RT: 22.30 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

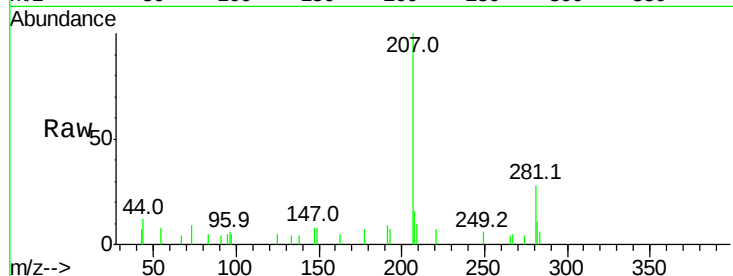
Tot Ion:149 Resp: 643

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

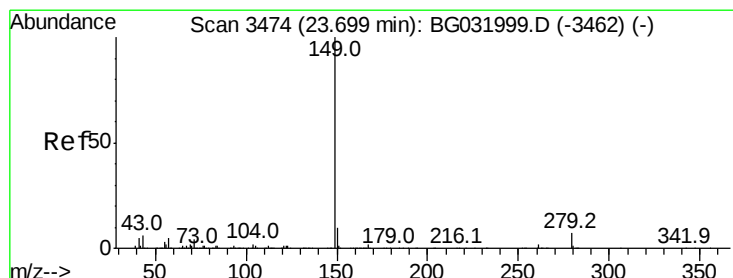
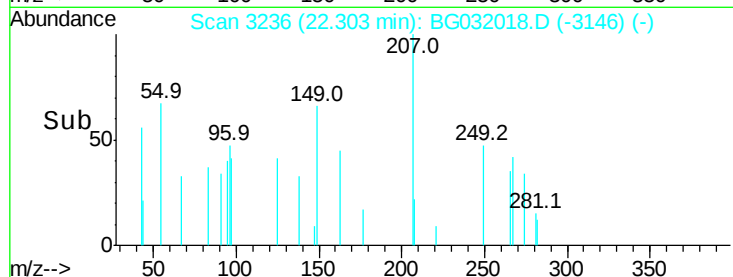
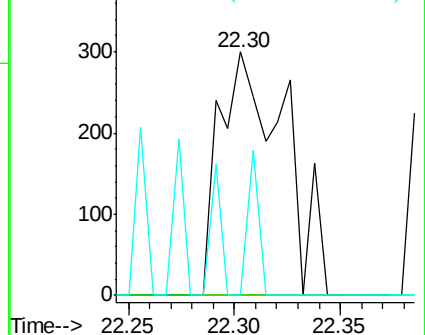
279 0.0 4.0 6.0#



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: 0.009 ng

RT: 23.68 min Scan# 3471

Delta R.T. -0.02 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

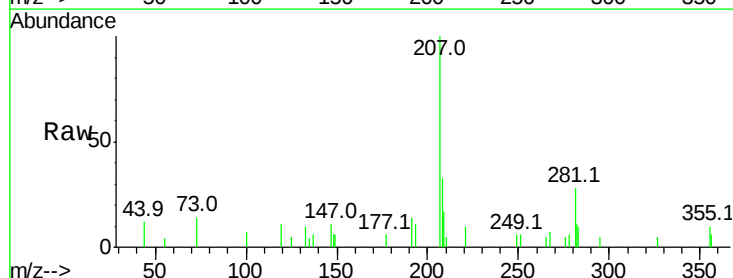
Tgt Ion:149 Resp: 251

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

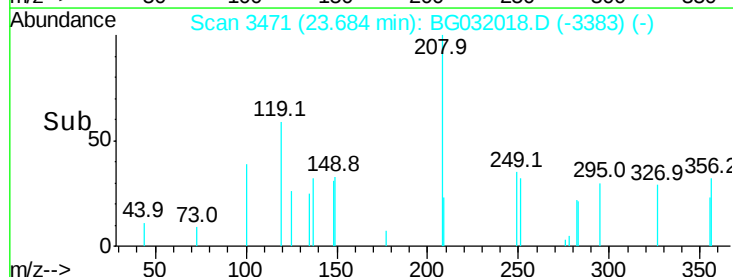
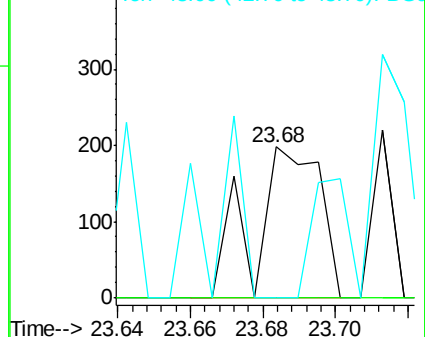
43 0.0 8.9 13.3#

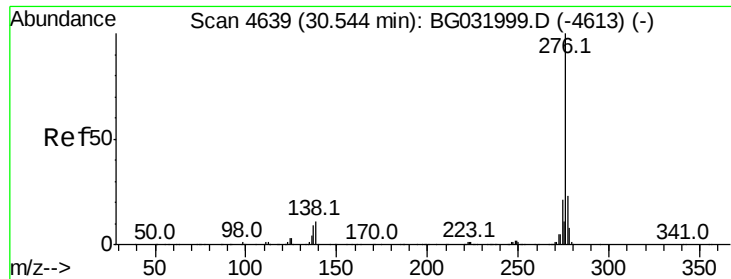


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

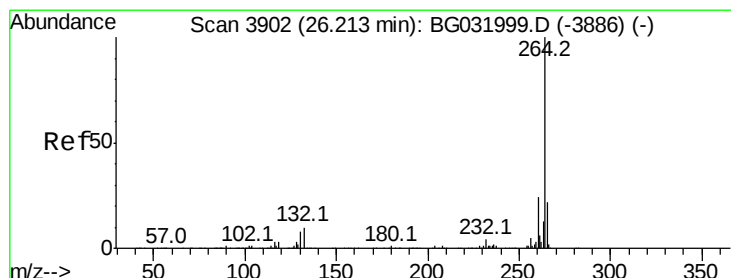
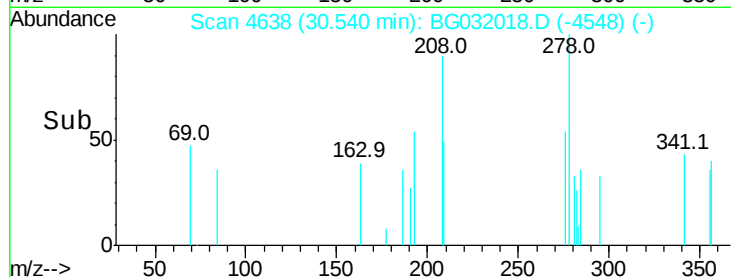
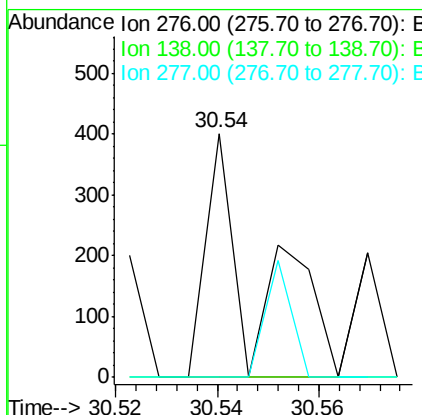
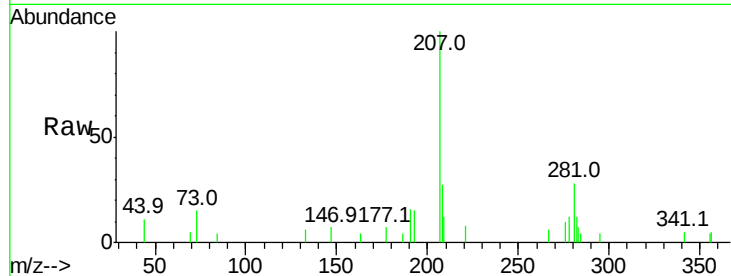




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.008 ng
 RT: 30.54 min Scan# 4638
 Delta R.T. -0.00 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

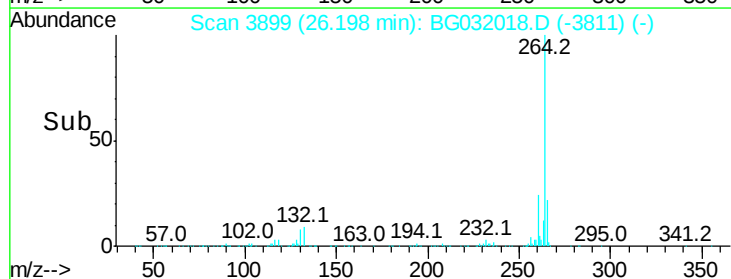
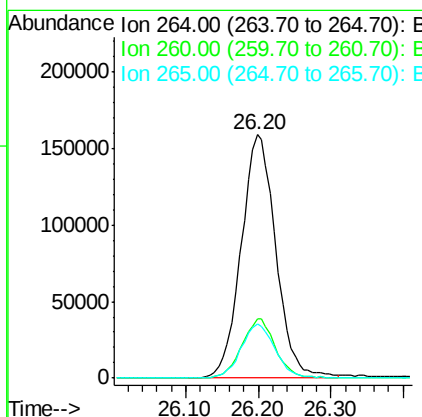
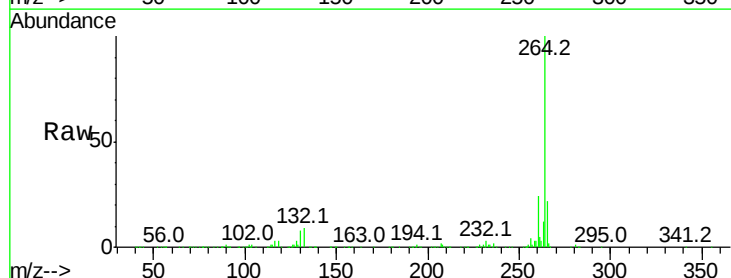
Instrument :
 BNA_G
 ClientSampled :

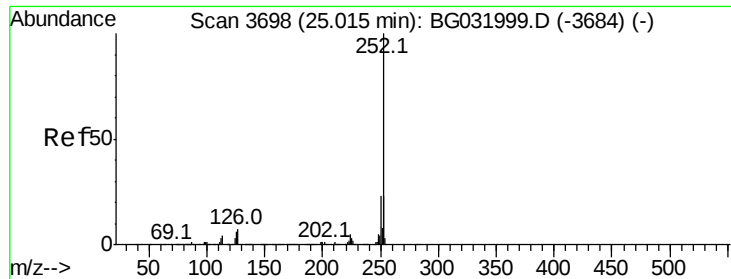
Tot Ion:276 Resp: 281
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.0 24.0#
 277 24.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.20 min Scan# 3899
 Delta R.T. -0.02 min
 Lab File: BG032018.D
 Acq: 13 Jan 2018 1:02

Tgt Ion:264 Resp: 527544
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 22.1 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 24.99 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :

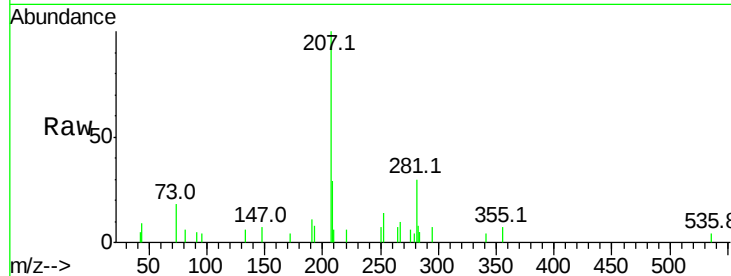
Tot Ion:252 Resp: 813

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

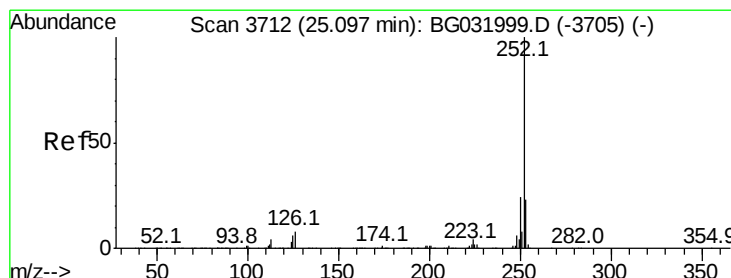
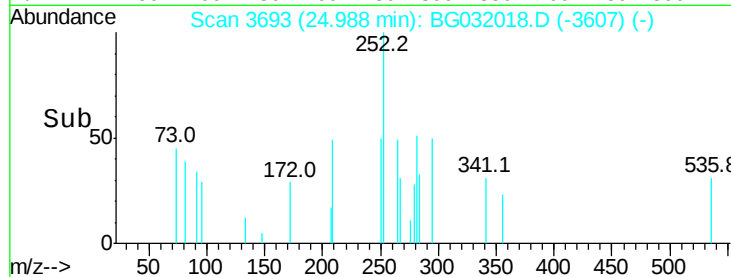
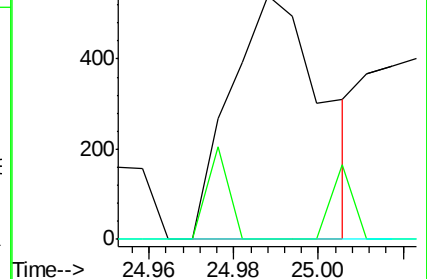
125 0.0 7.2 10.8#



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: 0.007 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

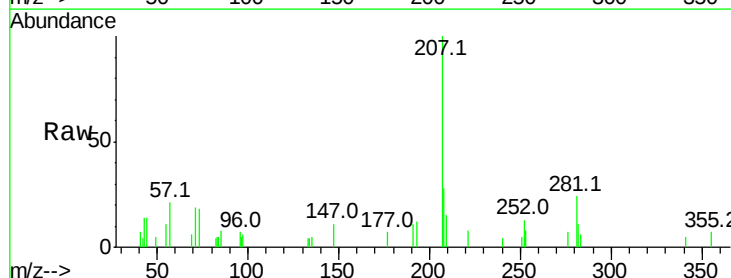
Tgt Ion:252 Resp: 209

Ion Ratio Lower Upper

252 100

253 60.4 17.4 26.2#

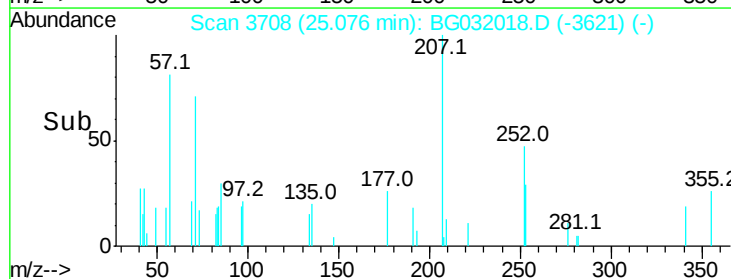
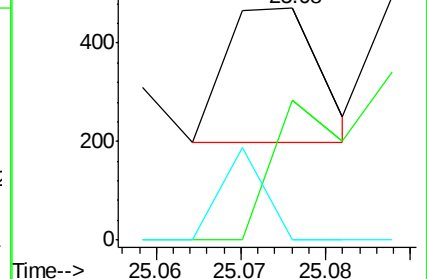
125 0.0 6.6 9.8#

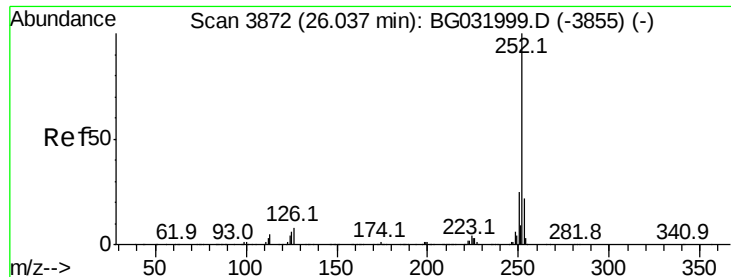


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.030 ng

RT: 26.00 min Scan# 3866

Delta R.T. -0.03 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampled :

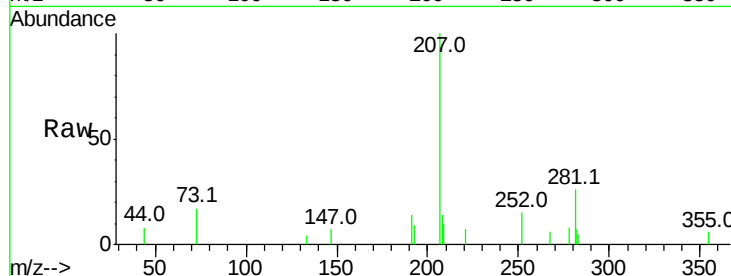
Tot Ion:252 Resp: 891

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

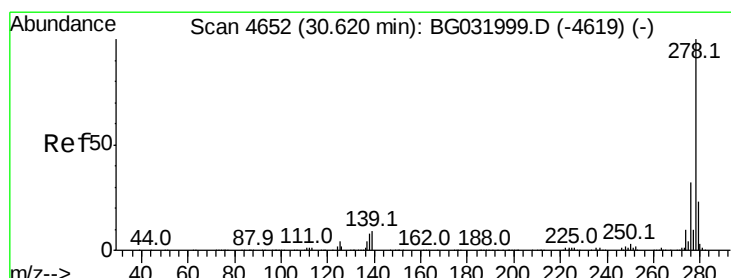
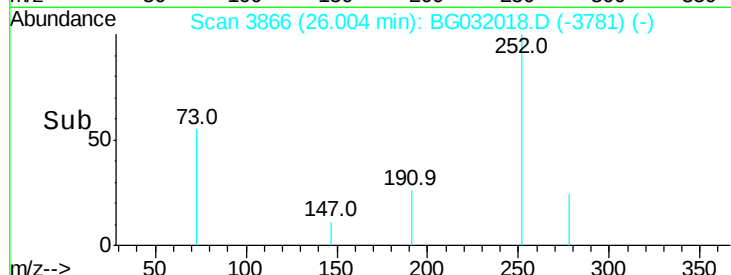
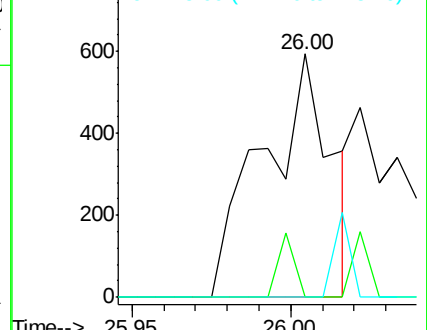
125 0.0 7.3 10.9#



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: 0.024 ng

RT: 30.58 min Scan# 4644

Delta R.T. -0.04 min

Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

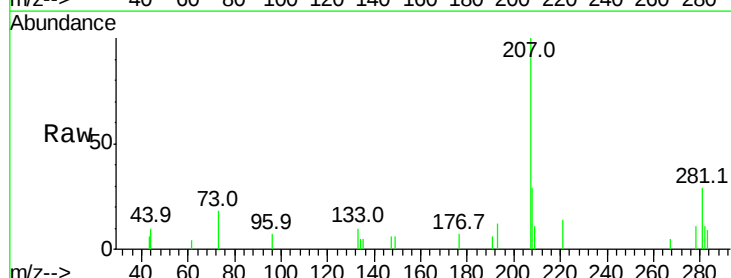
Tgt Ion:278 Resp: 685

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

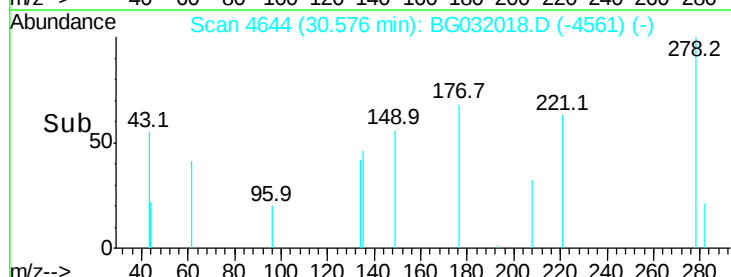
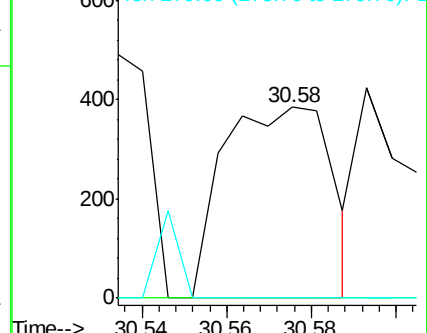
279 0.0 18.4 27.6#

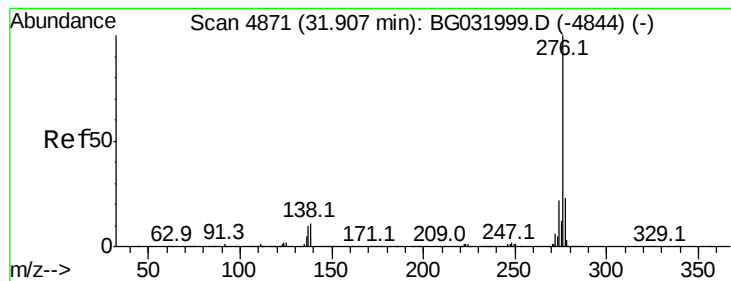


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.014 ng

RT: 31.89 min Scan# 4867

Delta R.T. -0.02 min

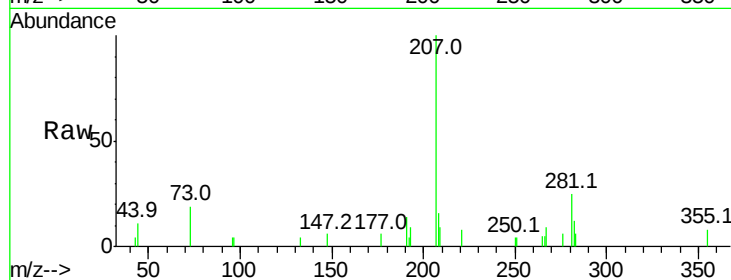
Lab File: BG032018.D

Acq: 13 Jan 2018 1:02

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	411
Ion Ratio	Lower	Upper	
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#

