

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032054.D
 Acq On : 16 Jan 2018 5:28
 Operator : SJ/JU
 Sample : J1114-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 06:29:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.77
21) Naphthalene-d8	11.68	136	63	20.00	ng	0.02
38) Acenaphthene-d10	15.67	164	18996	20.00	ng	0.26
63) Phenanthrene-d10	18.30	188	54	20.00	ng	0.16
75) Chrysene-d12	22.59	240	65	20.00	ng	0.11
86) Perylene-d12	26.28	264	68	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	318304	0.00	ng	0.00
7) Phenol-d6	7.88	99	408371	0.00	ng	0.00
23) Nitrobenzene-d5	9.97	82	240886	258682.03	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	294189	935.90	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	770953	503.23	ng	0.00
78) Terphenyl-d14	20.67	244	1510504	513116.81	ng	0.00
Target Compounds						
					Qvalue	
22) Acetophenone	9.61	105	171694	119978.246	ng #	90
24) Nitrobenzene	10.01	77	115746	124611.198	ng #	84
25) Isophorone	10.53	82	223459	128873.487	ng #	84
26) 2-Nitrophenol	10.74	139	72999	132634.103	ng #	83
27) 2,4-Dimethylphenol	10.77	122	126859	145248.672	ng	89
28) bis(2-Chloroethoxy)methane	11.01	93	136994	131133.275	ng #	93
29) 2,4-Dichlorophenol	11.28	162	150861	140376.830	ng	90
30) 1,2,4-Trichlorobenzene	11.50	180	157709	113629.322	ng	98
31) Naphthalene	11.70	128	364127	116674.690	ng	97
32) Benzoic acid	10.88	122	12650	16083.327	ng #	63
33) 4-Chloroaniline	11.79	127	62423	46643.486	ng	93
34) Hexachlorobutadiene	11.97	225	109492	109835.312	ng	93
35) Caprolactam	12.53	113	48825	149754.677	ng #	48
36) 4-Chloro-3-methylphenol	12.87	107	143051	145424.057	ng #	78
37) 2-Methylnaphthalene	13.26	142	299338	120811.416	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	225294	272.083	ng #	97
40) Hexachlorocyclopentadiene	13.59	237	275348	590.396	ng	92
42) 2,4,6-Trichlorophenol	13.92	196	164087	352.681	ng	98
43) 2,4,5-Trichlorophenol	13.92	196	164087	304.693	ng #	91
45) 1,1'-Biphenyl	14.24	154	436364	267.958	ng	94
46) 2-Chloronaphthalene	14.29	162	335026	264.455	ng	97
47) 2-Nitroaniline	14.83	65	4205	17.338	ng #	1
48) Acenaphthylene	15.13	152	516473	267.719	ng	98
49) Dimethylphthalate	14.83	163	553261	332.827	ng	99
50) 2,6-Dinitrotoluene	14.96	165	107716	312.186	ng #	73
51) Acenaphthene	15.47	154	399596	313.252	ng	97
52) 3-Nitroaniline	15.49	138	3857	12.377	ng #	1
53) 2,4-Dinitrophenol	15.49	184	131544	700.815	ng #	54
54) Dibenzofuran	15.80	168	548774	288.381	ng	99
55) 4-Nitrophenol	15.80	139	194174	854.985	ng #	1
56) 2,4-Dinitrotoluene	15.74	165	158021	340.172	ng #	65
57) Fluorene	16.44	166	449669	288.121	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.01	232	178999	359.303	ng #	85
59) Diethylphthalate	16.17	149	466896	289.722	ng	95

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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

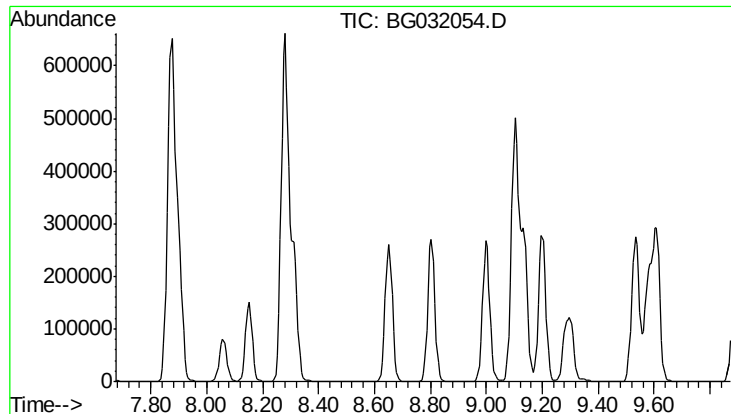
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 06:29:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

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

60) 4-Chlorophenyl-phenylether	16.41	204	278753	291.162	nq	93
61) 4-Nitroaniline	16.44	138	88924	297.467	nq	89
62) Azobenzene	16.71	77	298962	296.394	nq	86
64) 4,6-Dinitro-2-methylphenol	16.49	198	98453	255864.584	nq #	70
65) n-Nitrosodiphenylamine	16.62	169	425590	259729.573	nq	98
66) 4-Bromophenyl-phenylether	17.31	248	206709	269039.600	nq	95
67) Hexachlorobenzene	17.43	284	210861	248062.720	nq #	92
68) Atrazine	17.55	200	204087	296163.770	nq	97
69) Pentachlorophenol	17.77	266	302260	556313.464	nq	98
70) Phenanthrene	18.27	178	807854	268701.064	nq	99
71) Anthracene	18.27	178	807854	269405.617	nq	99
72) Carbazole	18.52	167	717803	275940.965	nq	100
73) Di-n-butylphthalate	19.03	149	821188	267157.013	nq	99
74) Fluoranthene	20.50	202	1049161	278712.833	nq	95
76) Benzidine	20.30	184	276190	169921.029	nq	98
77) Pyrene	20.50	202	1049161	256760.806	nq	98
79) Butylbenzylphthalate	21.35	149	373921	255407.300	nq #	77
80) Benzo(a)anthracene	22.53	228	1024188	253362.561	nq	97
81) 3,3'-Dichlorobenzidine	22.34	252	220004	145691.413	nq #	98
82) Chrysene	22.53	228	1024188	263818.346	nq	99
83) Bis(2-ethylhexyl)phthalate	22.29	149	539961	251512.816	nq #	98
84) Di-n-octyl phthalate	23.68	149	928440	272293.970	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.50	276	1282159	269873.164	nq #	87
87) Benzo(b)fluoranthene	25.08	252	1107977	269565.960	nq #	97
88) Benzo(k)fluoranthene	25.08	252	1107977	275865.806	nq #	96
89) Benzo(a)pyrene	26.01	252	1103642	283848.649	nq #	97
90) Dibenzo(a,h)anthracene	30.58	278	1057003	282110.801	nq #	95
91) Benzo(a,h,i)perylene	31.87	276	1083047	282814.711	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 8.77 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

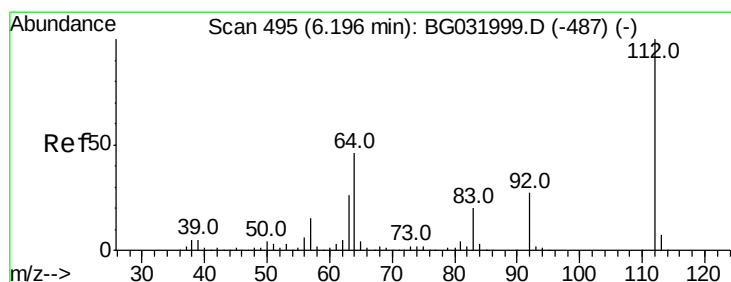
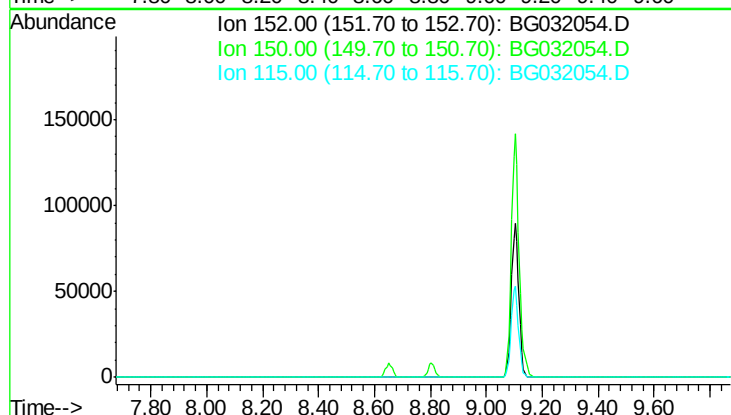
Tot Ion: 152

Sig Exp Ratio

152 100

150 158.2

115 66.2



#5

2-Fluorophenol

Concen: 0.000 ng

RT: 6.20 min Scan# 495

Delta R.T. -0.00 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

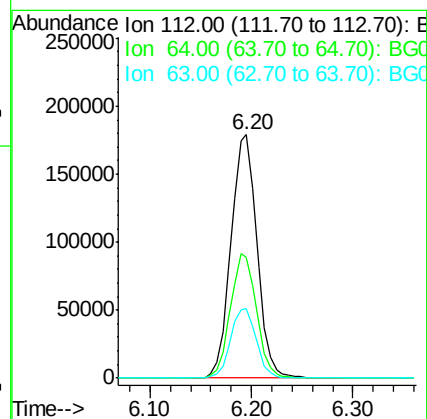
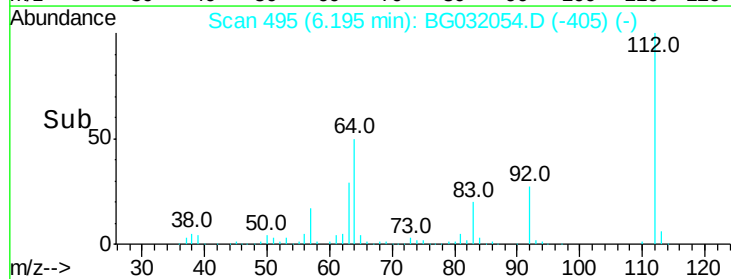
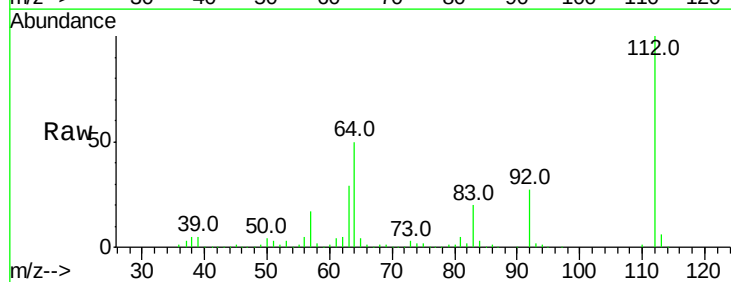
Tgt Ion: 112 Resp: 318304

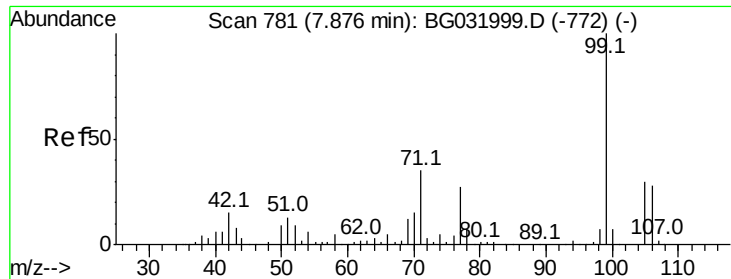
Ion Ratio Lower Upper

112 100

64 49.5 56.3 84.5#

63 28.6 30.1 45.1#





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampled :

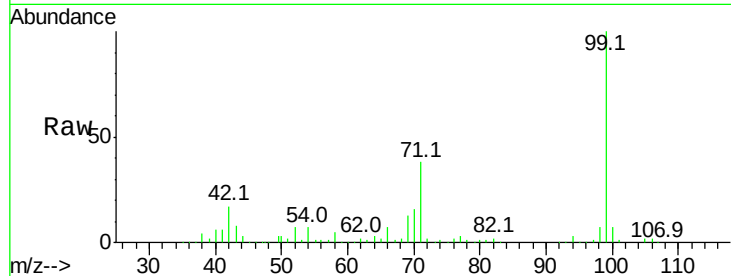
Tot Ion: 99 Resp: 408371

Ion Ratio Lower Upper

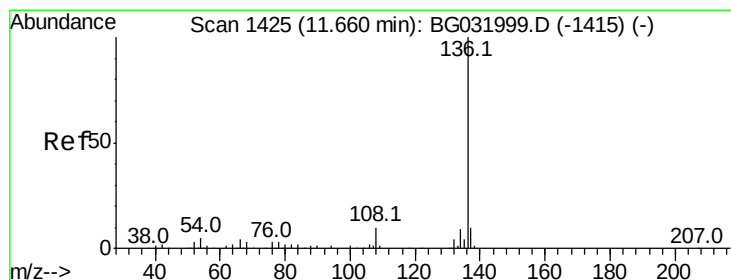
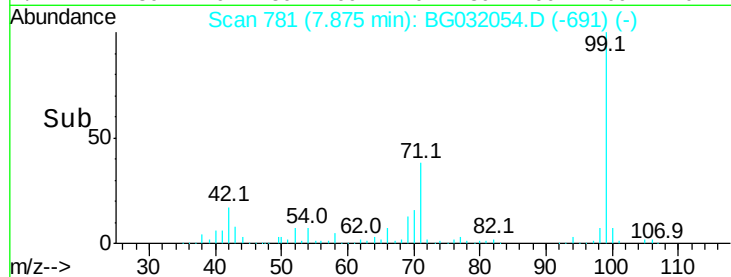
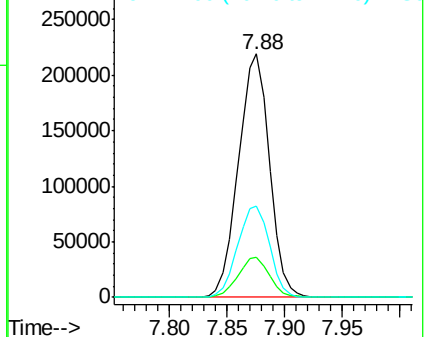
99 100

42 16.7 14.1 21.1

71 37.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.68 min Scan# 1428

Delta R.T. 0.02 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Tgt Ion: 136 Resp: 63

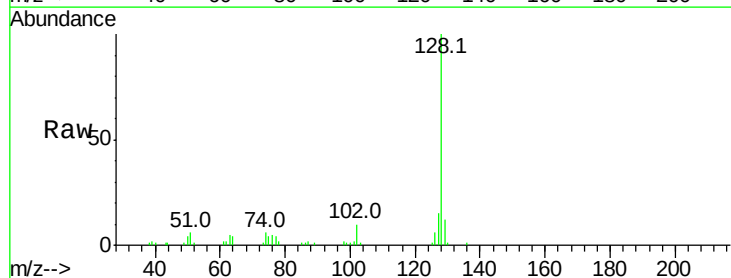
Ion Ratio Lower Upper

136 100

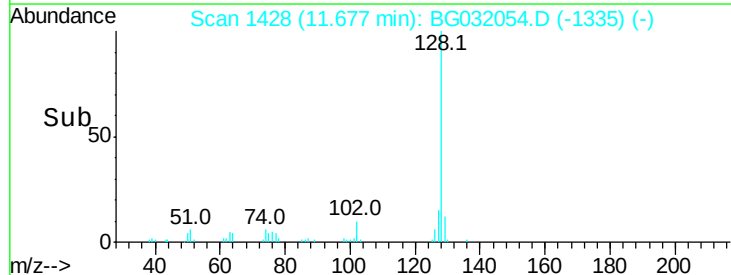
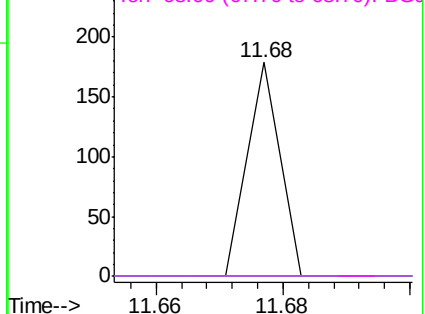
137 0.0 9.2 13.8#

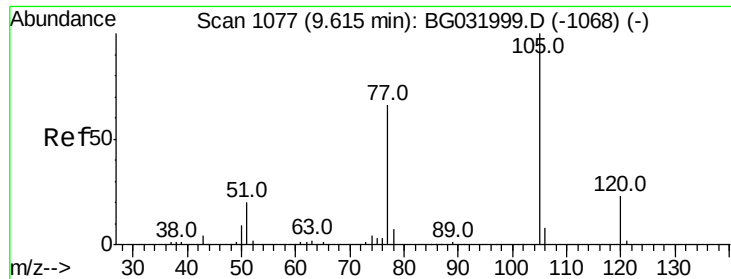
54 0.0 10.3 15.5#

68 0.0 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





#22

Acetophenone

Concen: 119978.246 ng

RT: 9.61 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 171694

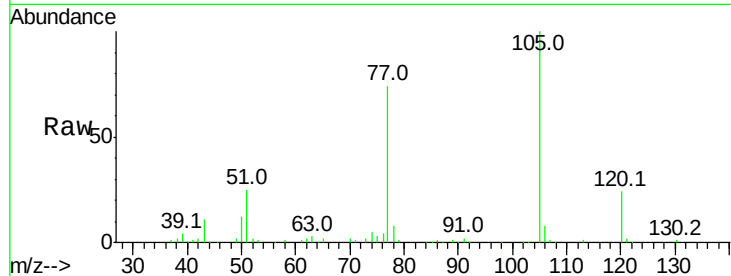
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 25.0 26.1 39.1#

120 23.7 17.4 26.2

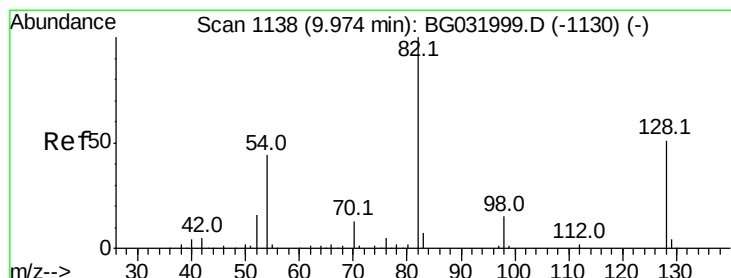
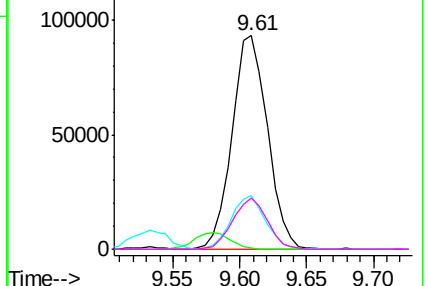
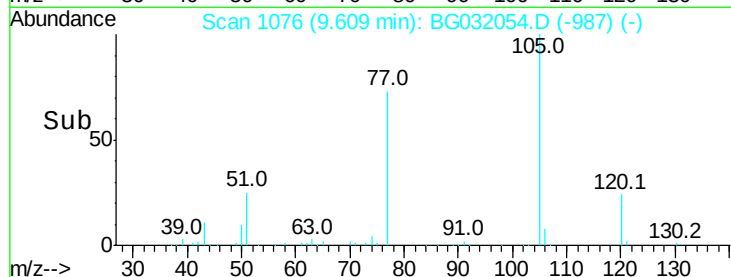


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 258682.032 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

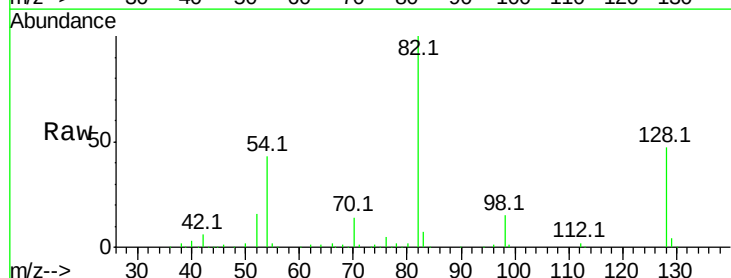
Tgt Ion: 82 Resp: 240886

Ion Ratio Lower Upper

82 100

128 47.1 29.7 44.5#

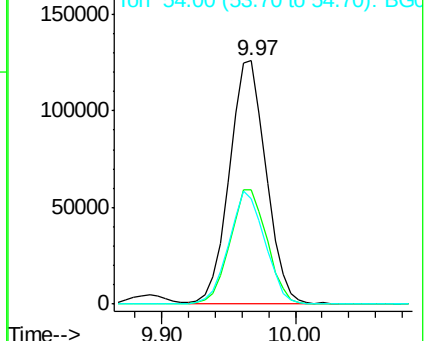
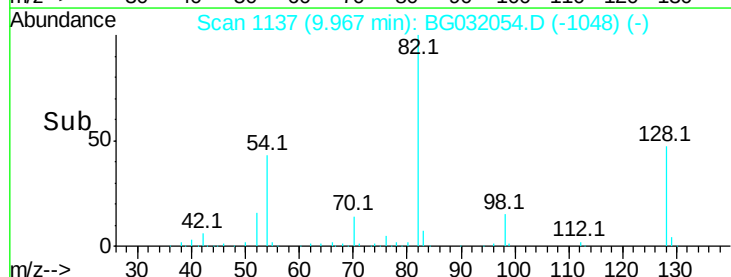
54 43.1 43.1 64.7

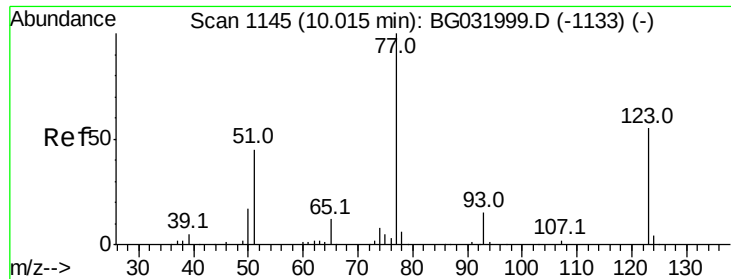


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 124611.198 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

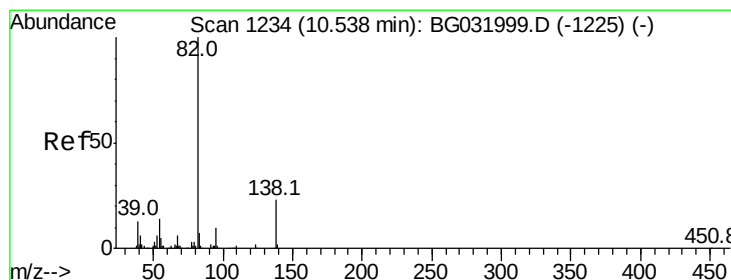
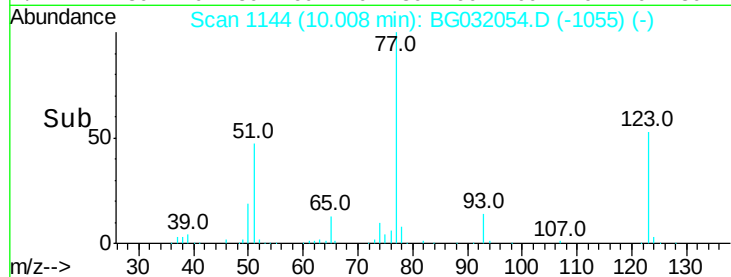
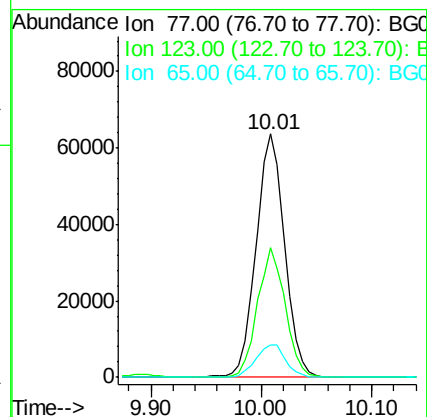
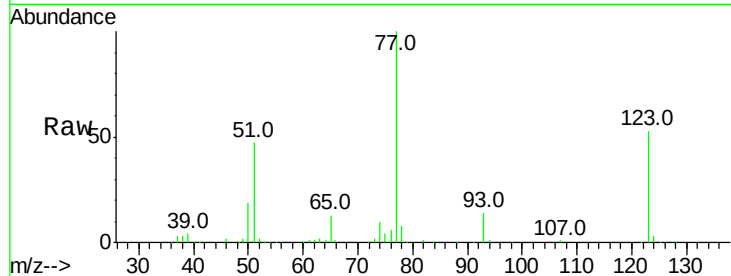
Tot Ion: 77 Resp: 115746

Ion Ratio Lower Upper

77 100

123 53.3 33.0 49.6#

65 13.3 13.0 19.6



#25

Isophorone

Concen: 128873.487 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

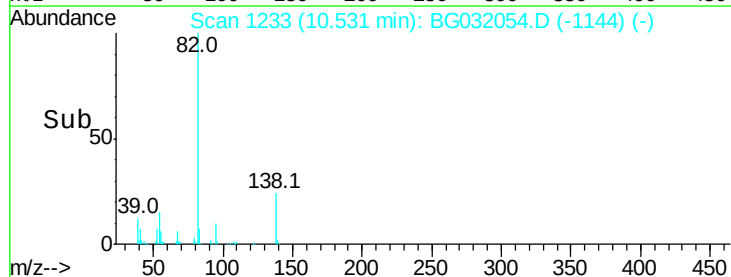
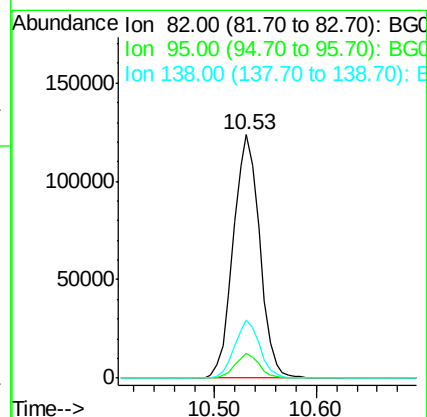
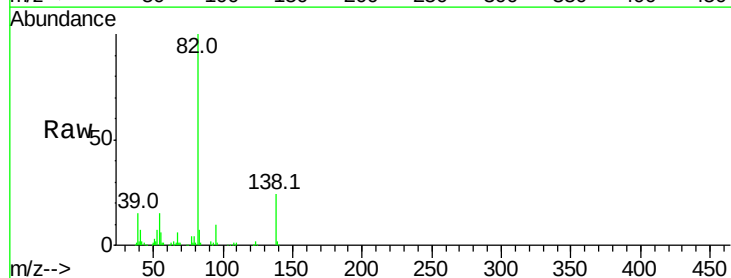
Tgt Ion: 82 Resp: 223459

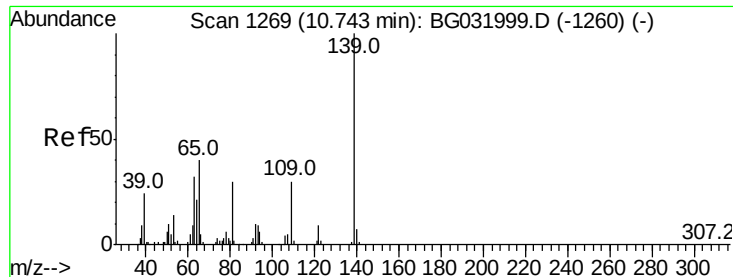
Ion Ratio Lower Upper

82 100

95 10.1 6.2 9.2#

138 23.9 12.1 18.1#





#26

2-Nitrophenol

Concen: 132634.103 ng

RT: 10.74 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

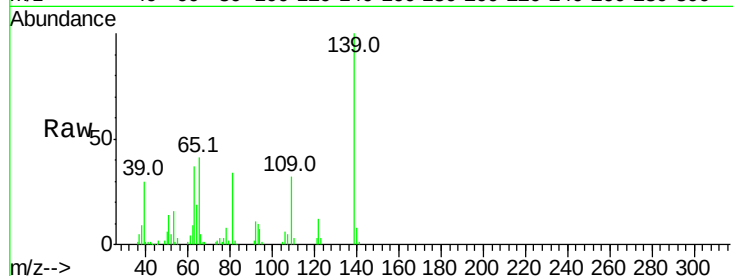
Tot Ion:139 Resp: 72999

Ion Ratio Lower Upper

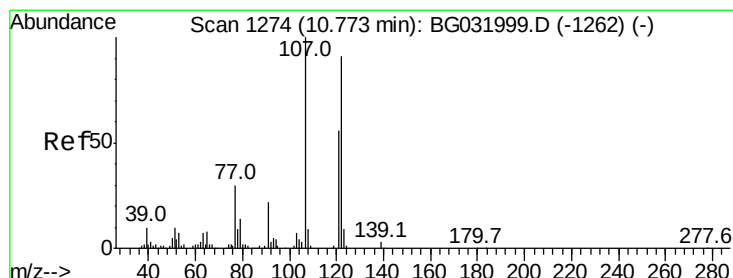
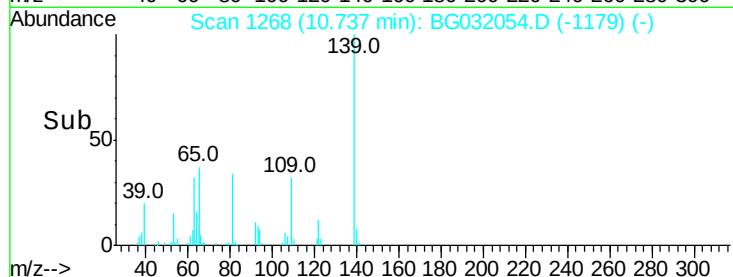
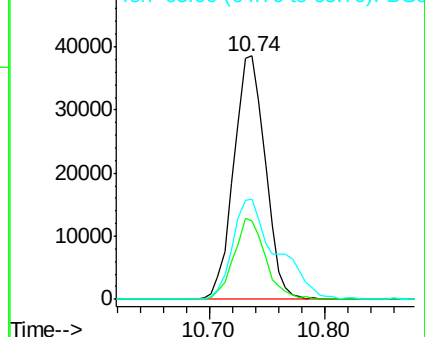
139 100

109 32.4 24.2 36.2

65 41.3 47.4 71.0#



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): B



#27

2,4-Dimethylphenol

Concen: 145248.672 ng

RT: 10.77 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

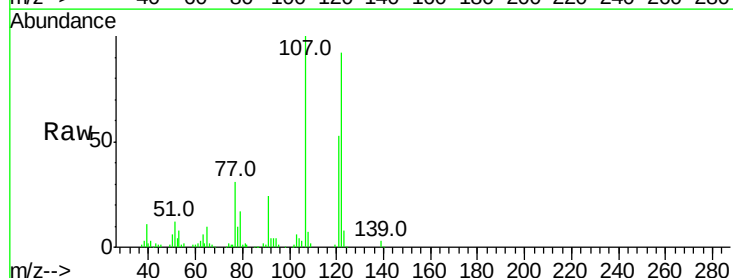
Tgt Ion:122 Resp: 126859

Ion Ratio Lower Upper

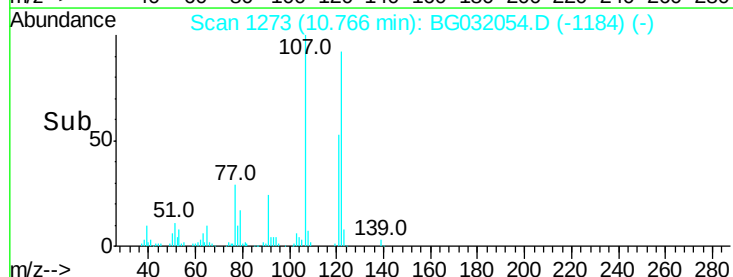
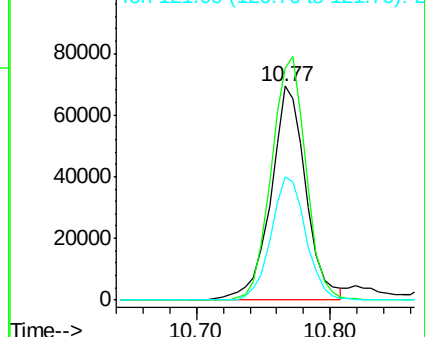
122 100

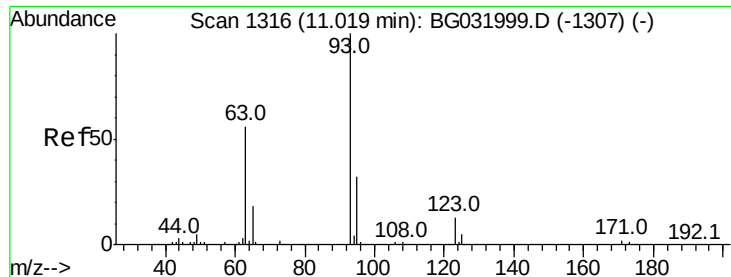
107 108.3 100.2 150.2

121 57.5 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



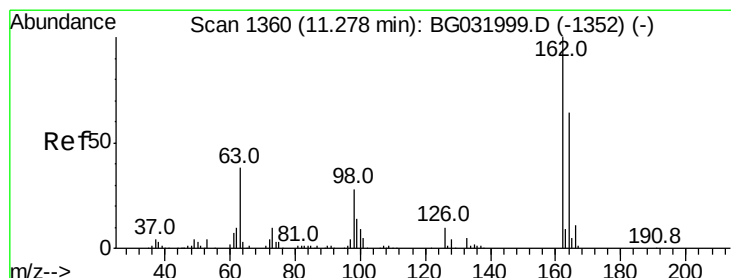
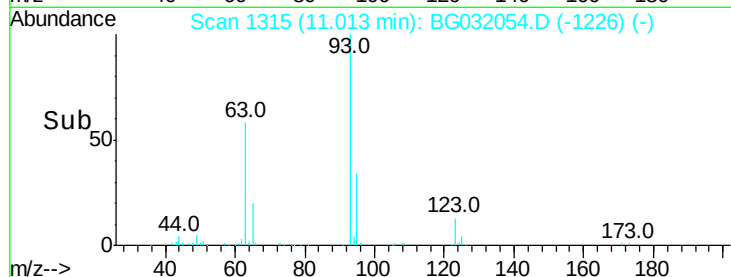
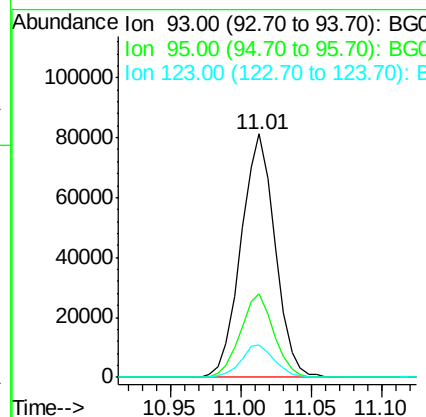
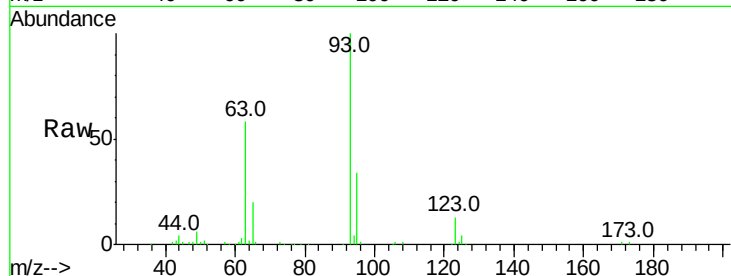


#28
 bis(2-Chloroethoxy)methane
 Concen: 131133.275 ng
 RT: 11.01 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 136994

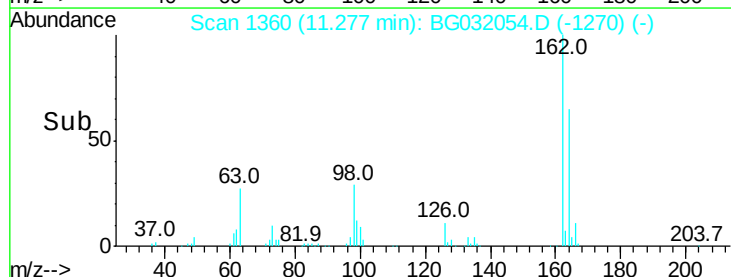
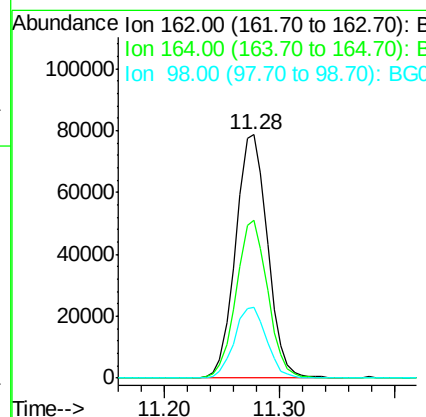
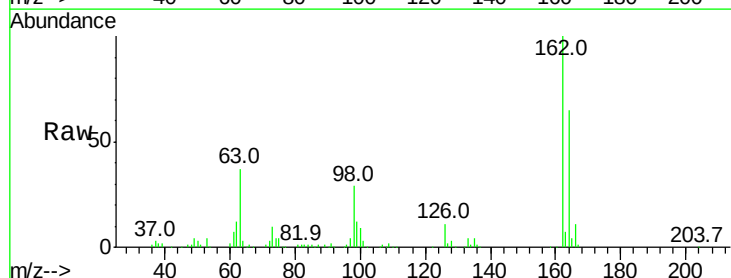
Ion	Ratio	Lower	Upper
93	100		
95	34.1	24.3	36.5
123	13.1	8.4	12.6

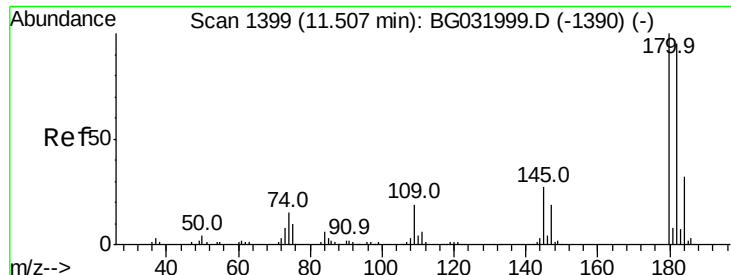


#29
 2,4-Dichlorophenol
 Concen: 140376.830 ng
 RT: 11.28 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

Tgt Ion: 162 Resp: 150861

Ion	Ratio	Lower	Upper
162	100		
164	64.7	48.0	88.0
98	28.9	21.1	61.1

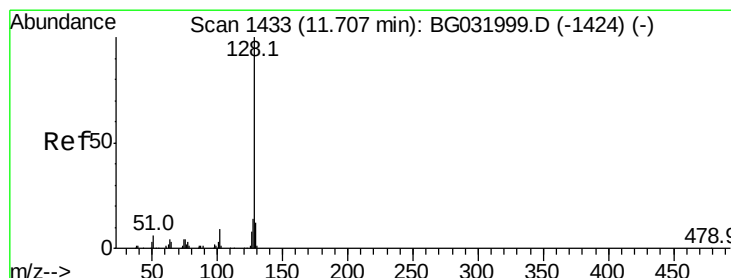
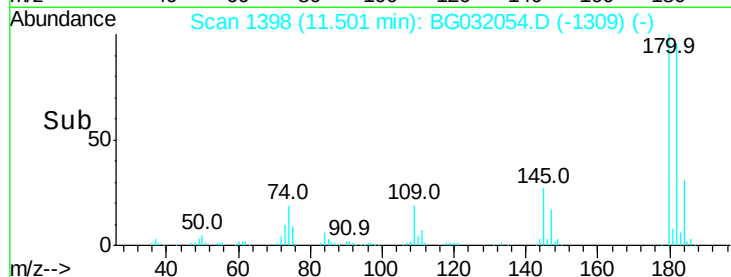
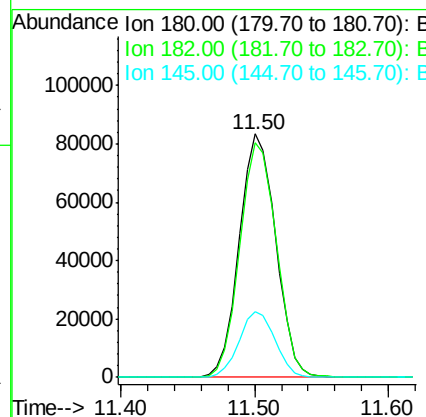
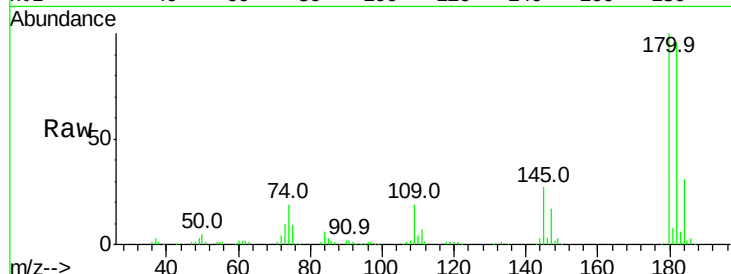




#30
 1,2,4-Trichlorobenzene
 Concen: 113629.322 ng
 RT: 11.50 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

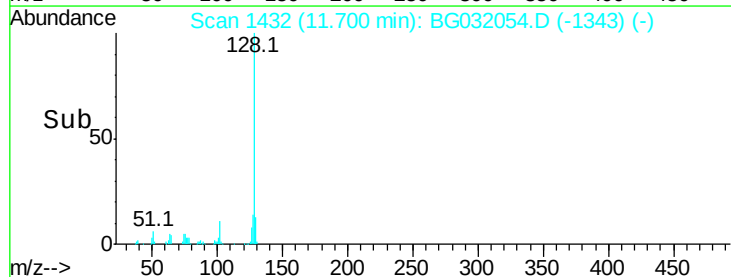
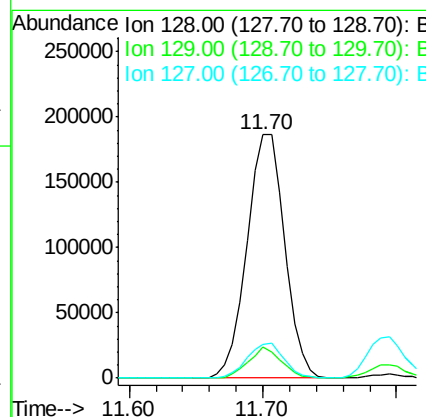
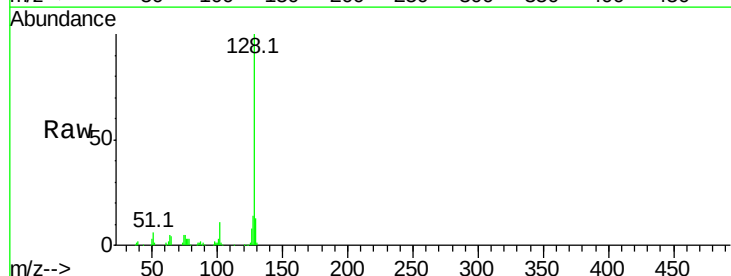
Instrument :
 BNA_G
 ClientSampleId :

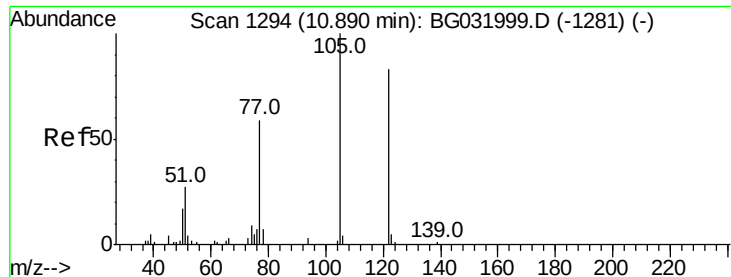
Tot Ion:180 Resp: 157709
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.5 116.3
 145 27.1 23.4 35.2



#31
 Naphthalene
 Concen: 116674.690 ng
 RT: 11.70 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

Tgt Ion:128 Resp: 364127
 Ion Ratio Lower Upper
 128 100
 129 12.7 8.6 12.8
 127 13.9 11.6 17.4

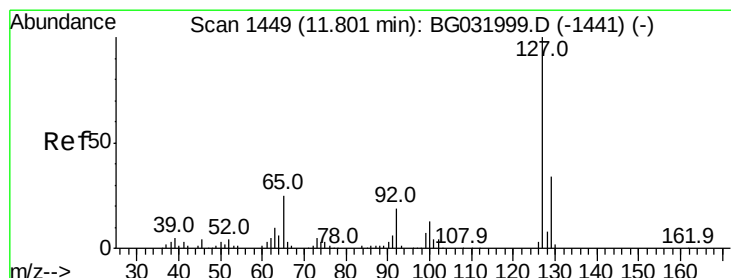
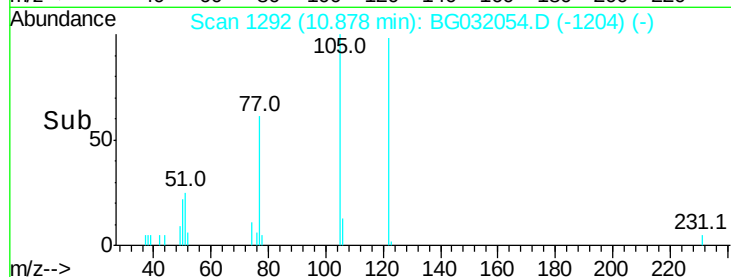
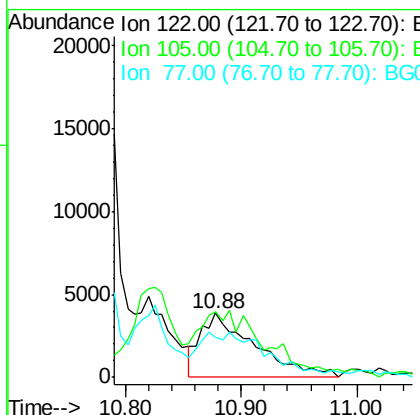
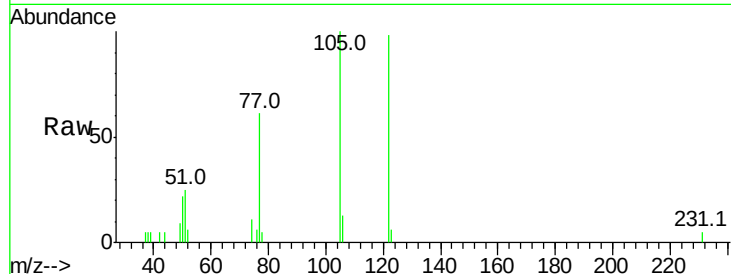




#32
Benzoic acid
Concen: 16083.327 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

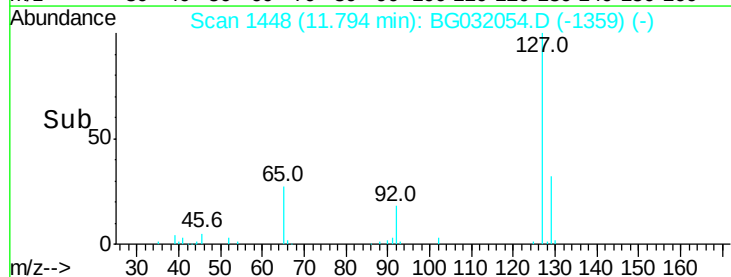
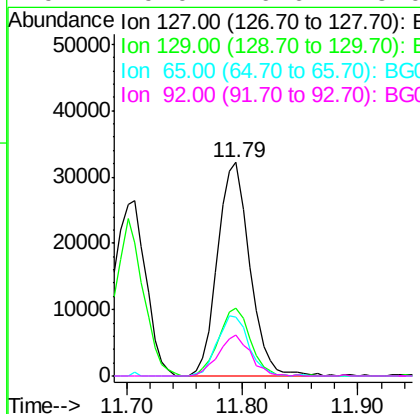
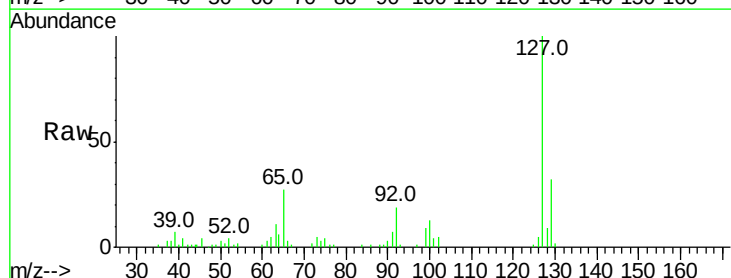
Instrument :
BNA_G
ClientSampleId :

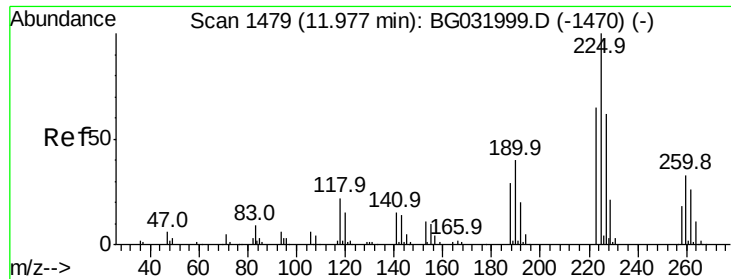
Tot Ion:122 Resp: 12650
Ion Ratio Lower Upper
122 100
105 102.2 123.5 163.5#
77 62.5 85.7 125.7#



#33
4-Chloroaniline
Concen: 46643.486 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Tgt Ion:127 Resp: 62423
Ion Ratio Lower Upper
127 100
129 32.0 24.0 36.0
65 27.4 27.0 40.4
92 19.0 16.6 25.0





#34

Hexachlorobutadiene

Concen: 109835.312 ng

RT: 11.97 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

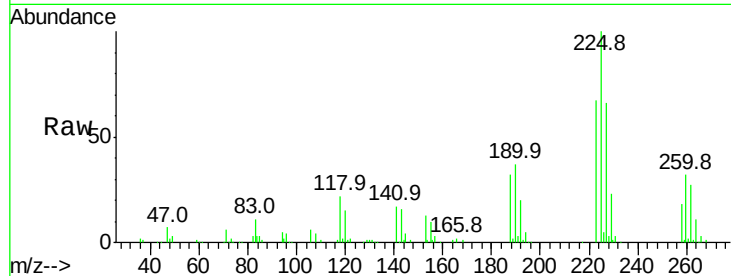
Tot Ion:225 Resp: 109492

Ion Ratio Lower Upper

225 100

223 66.6 49.7 74.5

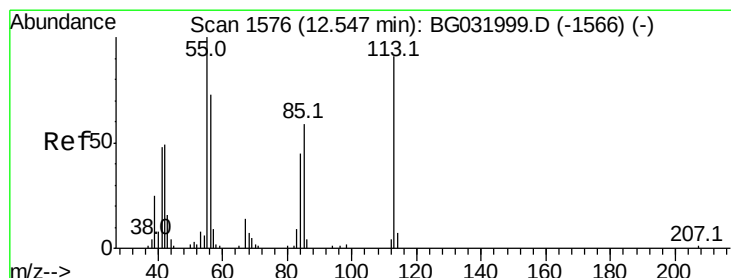
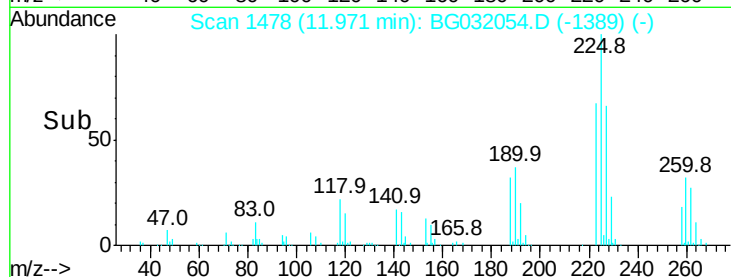
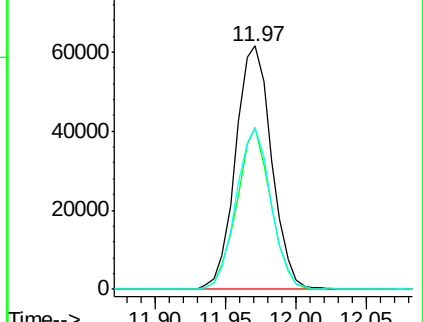
227 66.3 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 149754.677 ng

RT: 12.53 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

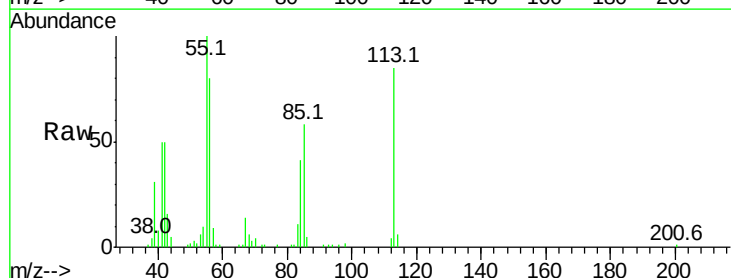
Tgt Ion:113 Resp: 48825

Ion Ratio Lower Upper

113 100

55 118.2 186.9 226.9#

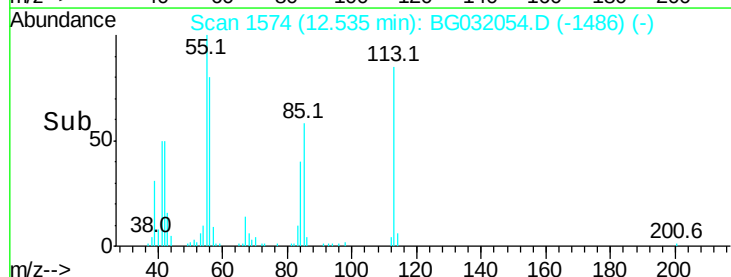
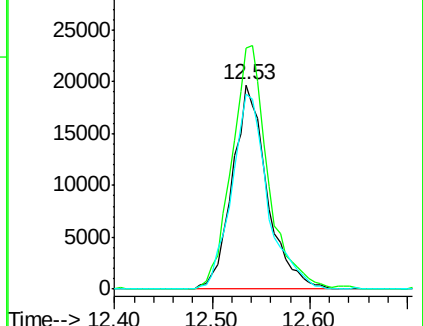
56 95.1 130.9 170.9#

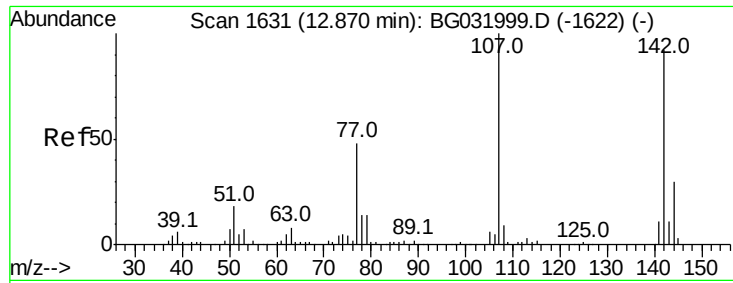


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

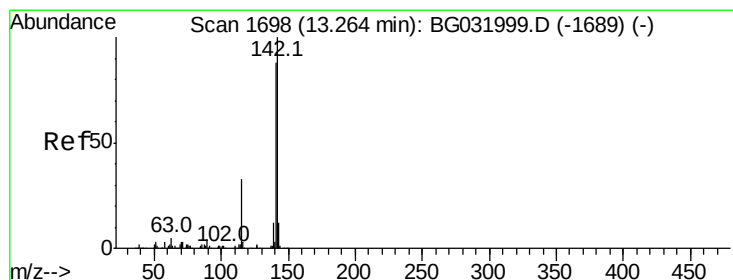
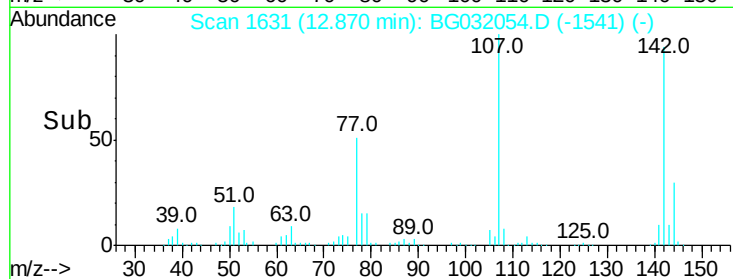
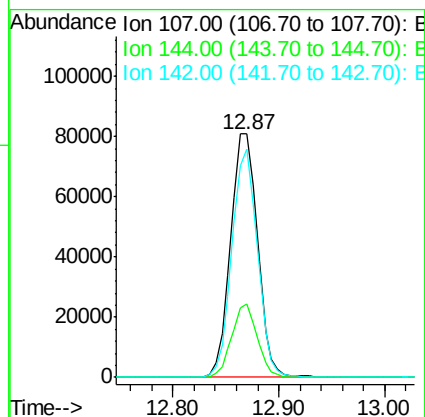
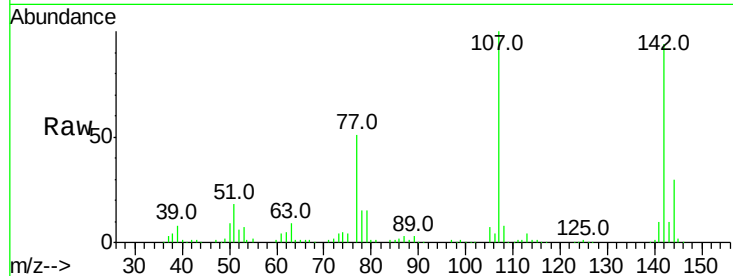




#36
 4-Chloro-3-methylphenol
 Concen: 145424.057 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

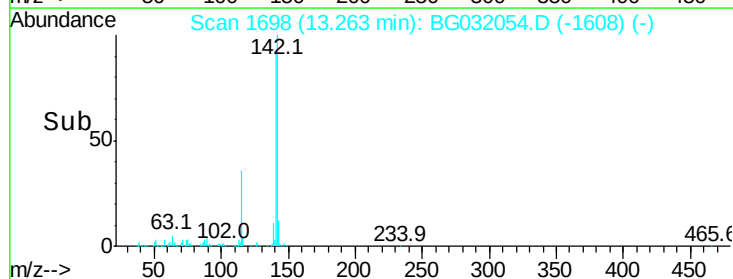
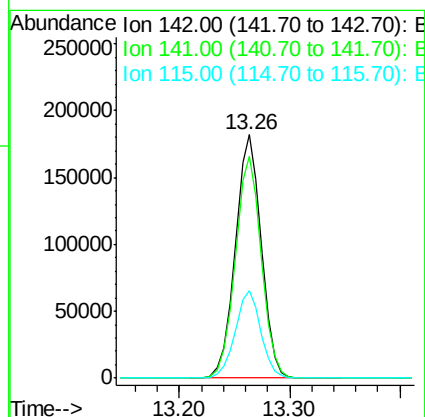
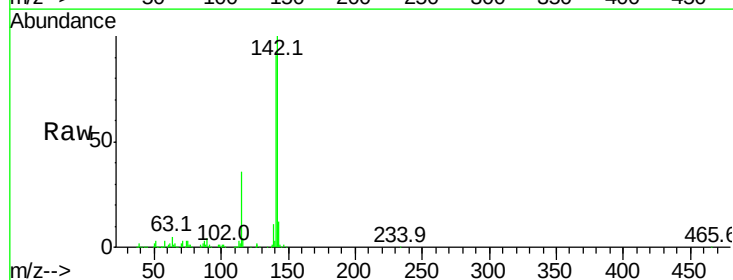
Instrument :
 BNA_G
 ClientSampleId :

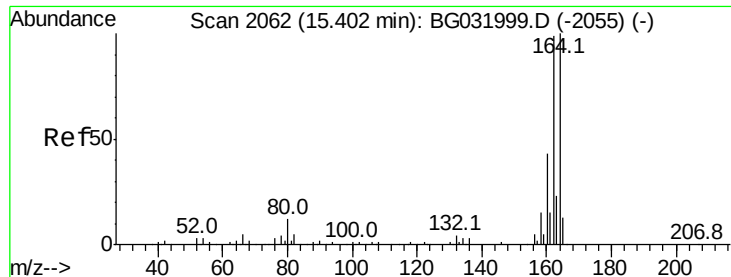
Tot Ion	Ratio	Lower	Upper
107	100		
144	30.3	18.2	27.4#
142	93.7	59.0	88.4#



#37
 2-Methylnaphthalene
 Concen: 120811.416 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	67.1	100.7
115	35.7	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.67 min Scan# 2107

Delta R.T. 0.26 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

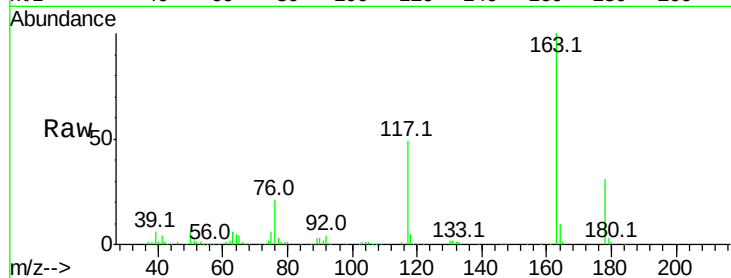
Tot Ion:164 Resp: 18996

Ion Ratio Lower Upper

164 100

162 0.0 78.8 118.2#

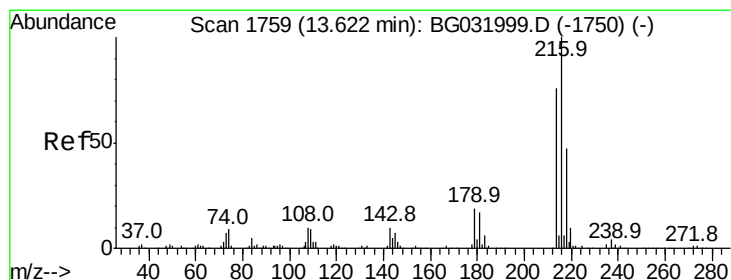
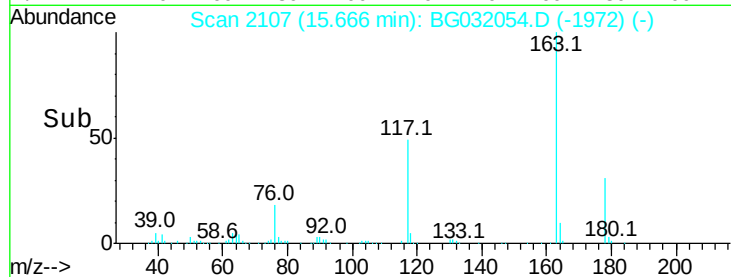
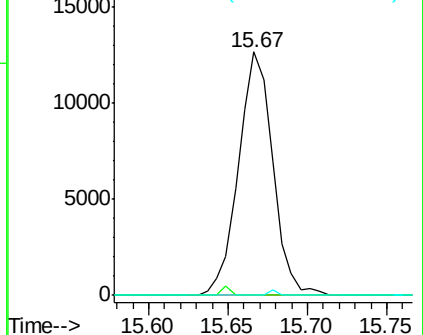
160 0.0 35.4 53.0#



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 272.083 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Tgt Ion:216 Resp: 225294

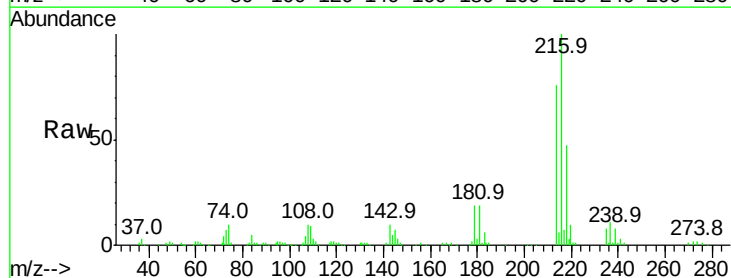
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 19.1 17.0 25.6

108 12.4 12.8 19.2#

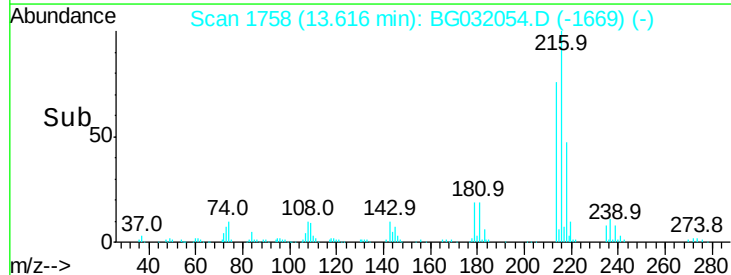
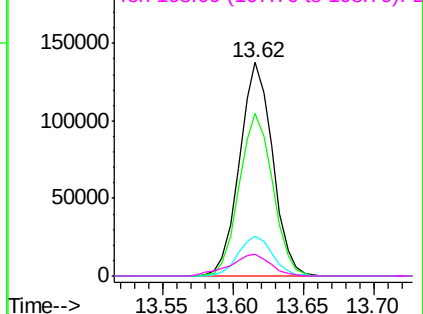


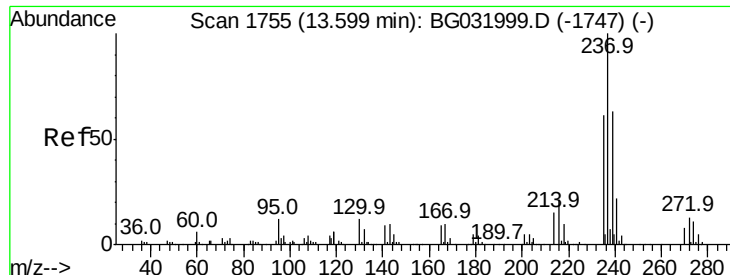
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

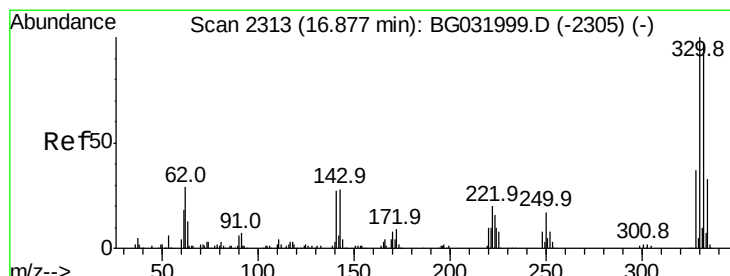
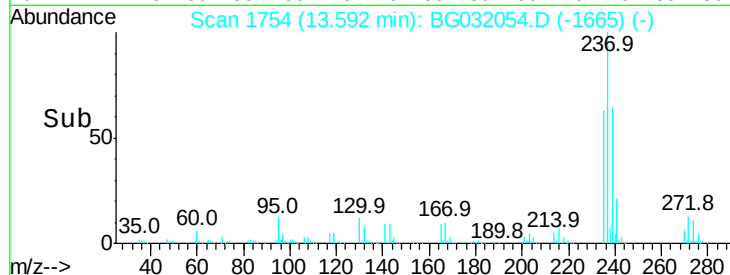
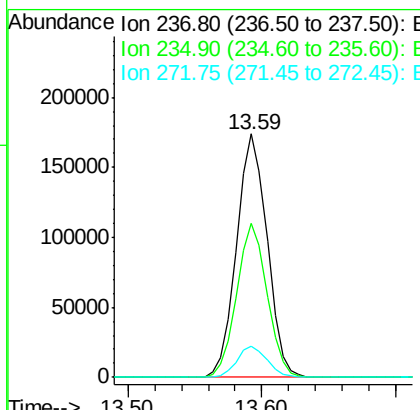
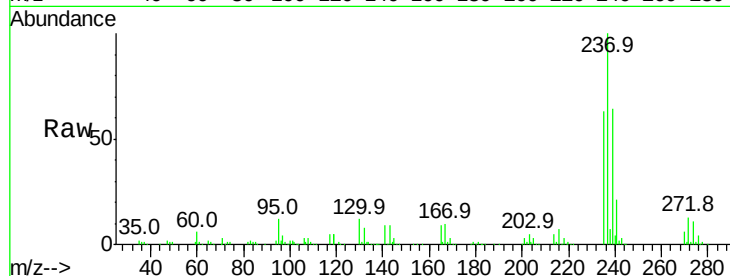




#40
Hexachlorocyclopentadiene
Concen: 590.396 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

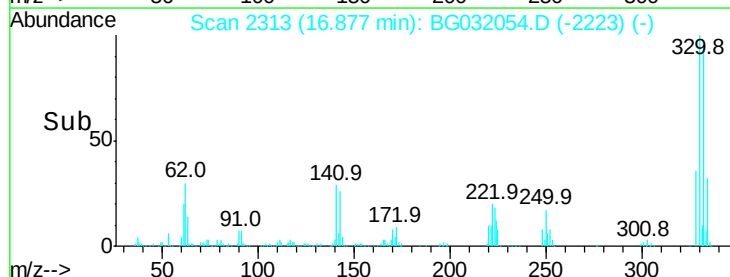
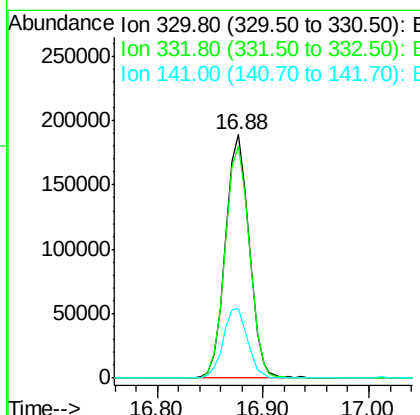
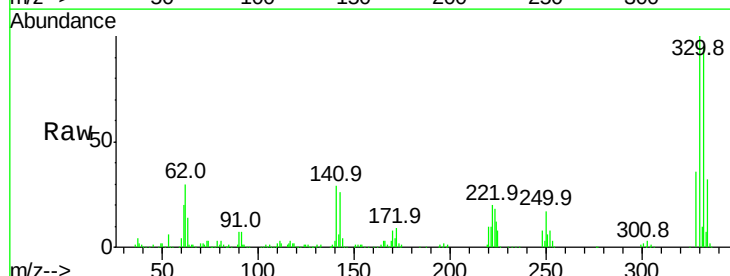
Instrument :
BNA_G
ClientSampleId :

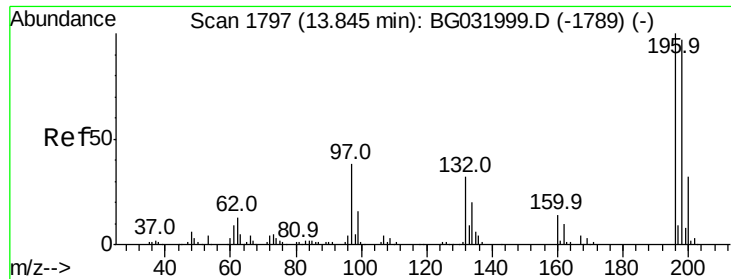
Tot Ion	Ratio	Resp	Lower	Upper
237	100	275348		
235	63.2		50.4	90.4
272	12.8		0.0	31.8



#41
2,4,6-Tribromophenol
Concen: 935.896 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	294189		
332	97.7		77.0	115.6
141	29.3		25.2	37.8





#42

2,4,6-Trichlorophenol

Concen: 352.681 ng

RT: 13.92 min Scan# 1809

Delta R.T. 0.07 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

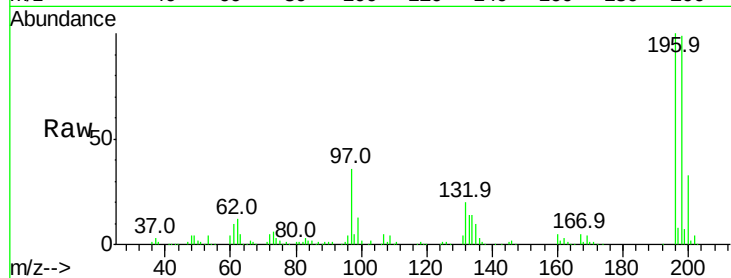
Instrument :

BNA_G

ClientSampleId :

Tot Ion:196 Resp: 164087

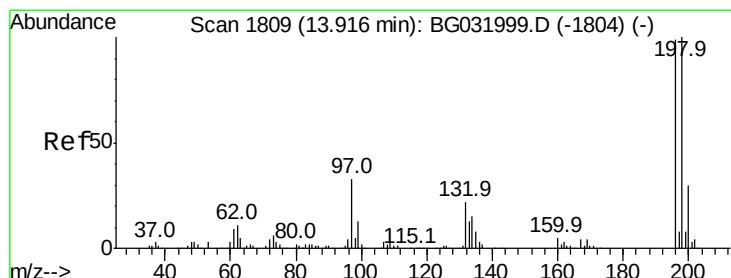
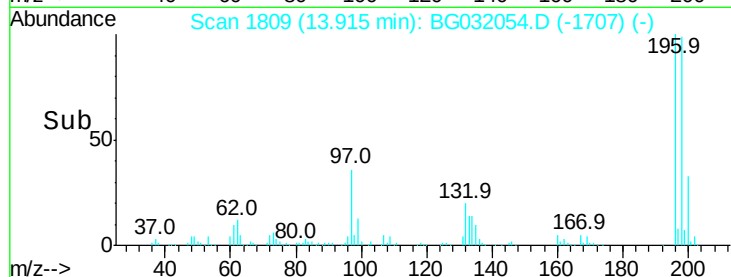
Ion	Ratio	Lower	Upper
196	100		
198	98.7	78.2	117.2
200	33.4	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 304.693 ng

RT: 13.92 min Scan# 1809

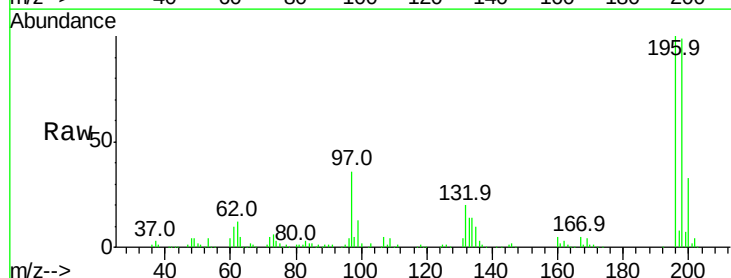
Delta R.T. -0.00 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Tgt Ion:196 Resp: 164087

Ion	Ratio	Lower	Upper
196	100		
198	98.7	76.2	114.4
97	35.8	38.7	58.1#
132	19.7	20.2	30.2#

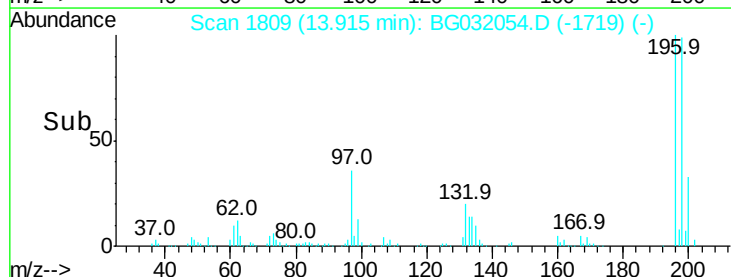


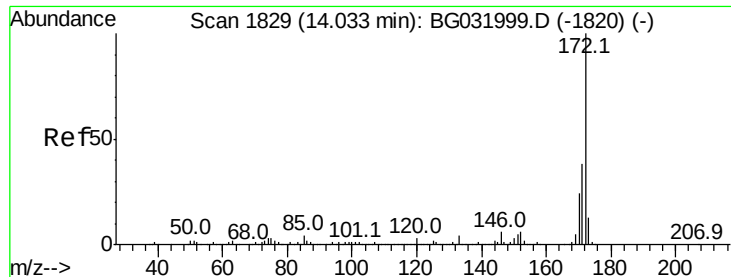
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

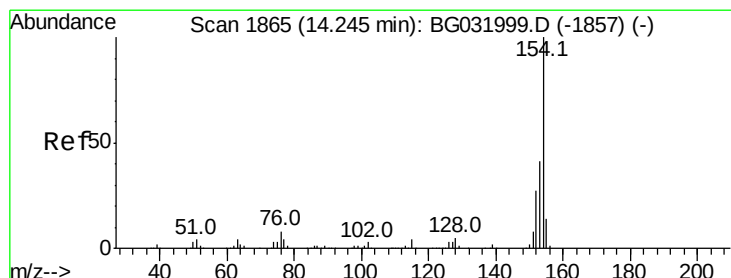
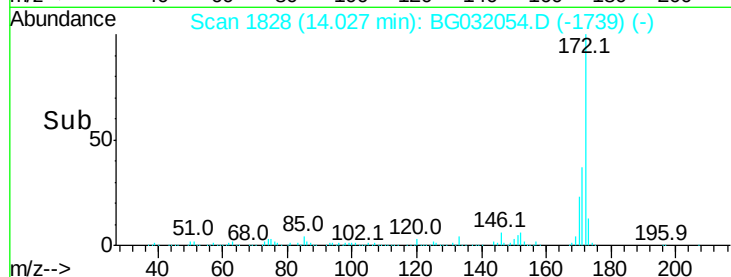
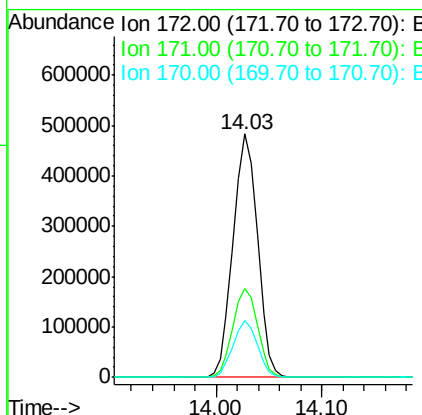
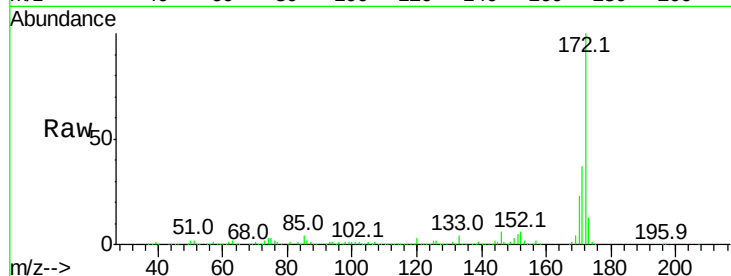




#44
2-Fluorobiphenyl
Concen: 503.234 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

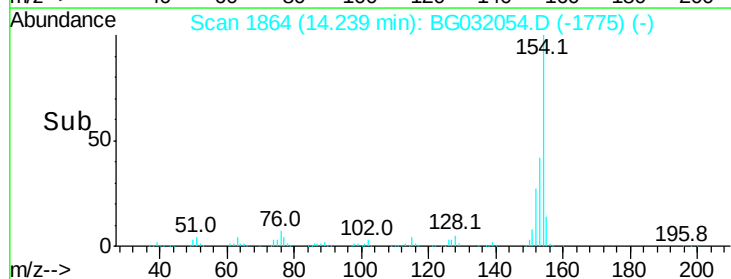
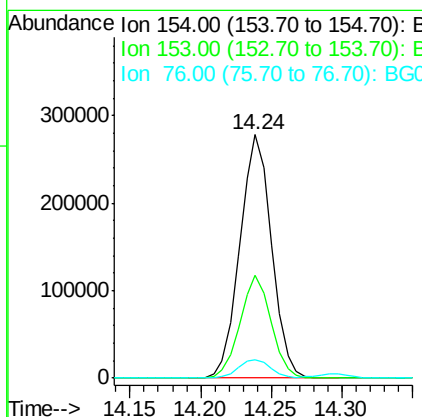
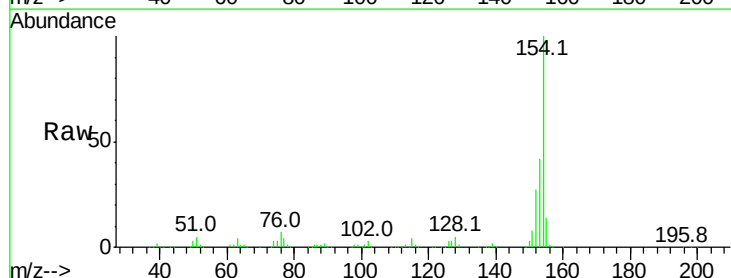
Instrument :
BNA_G
ClientSampleId :

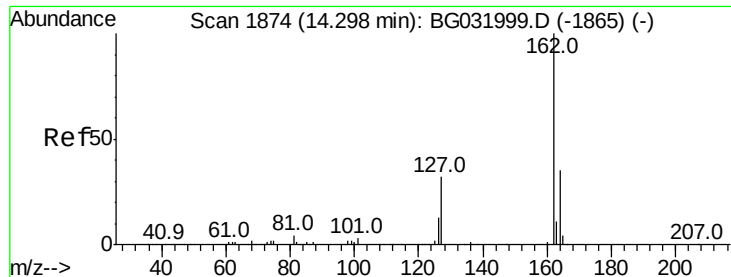
Tot Ion:172 Resp: 770953
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 23.2 19.5 29.3



#45
1,1'-Biphenyl
Concen: 267.958 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Tgt Ion:154 Resp: 436364
Ion Ratio Lower Upper
154 100
153 42.2 19.8 59.8
76 7.3 0.0 31.9

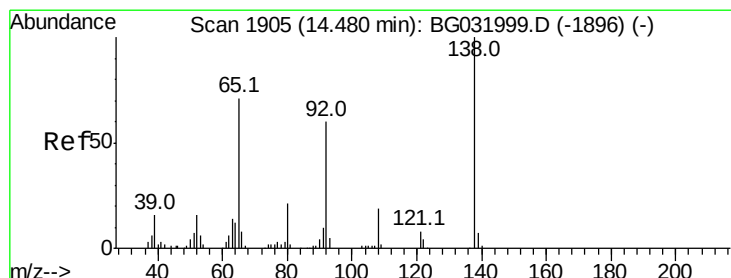
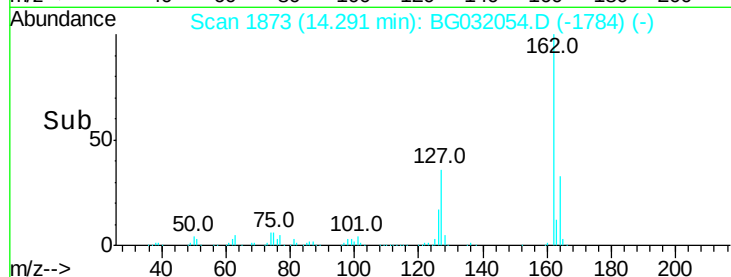
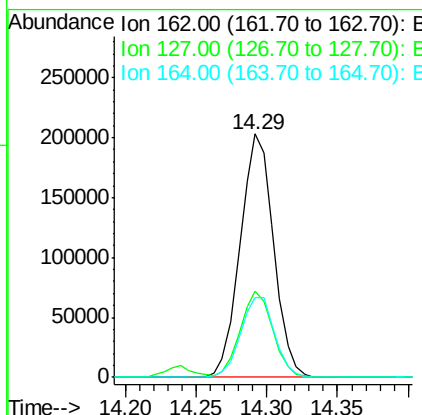
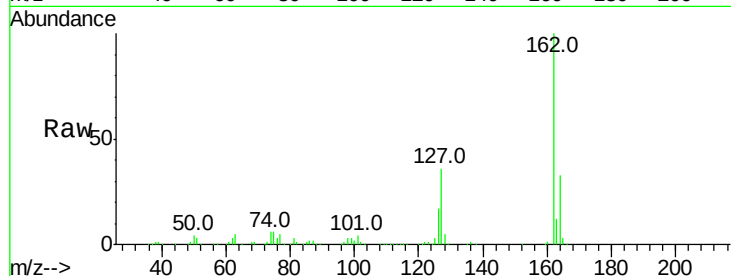




#46
2-Chloronaphthalene
Concen: 264.455 ng
RT: 14.29 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

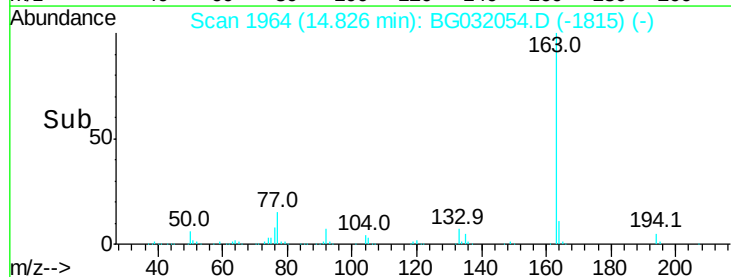
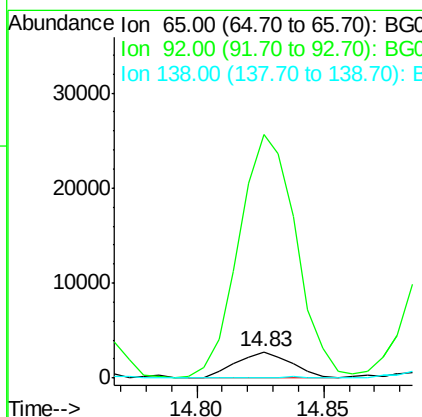
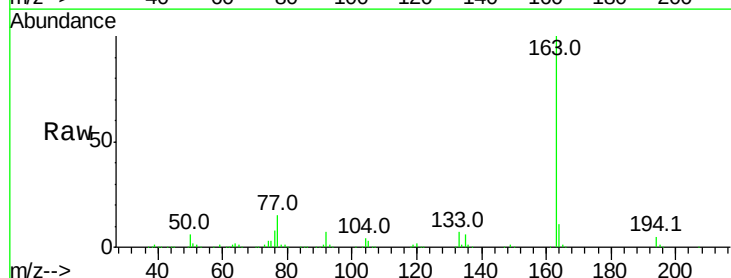
Instrument :
BNA_G
ClientSampleId :

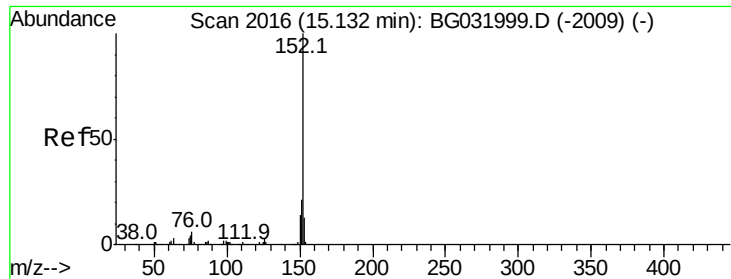
Tot Ion:162 Resp: 335026
Ion Ratio Lower Upper
162 100
127 35.5 30.7 46.1
164 32.8 26.0 39.0



#47
2-Nitroaniline
Concen: 17.338 ng
RT: 14.83 min Scan# 1964
Delta R.T. 0.35 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Tgt Ion: 65 Resp: 4205
Ion Ratio Lower Upper
65 100
92 918.1 54.6 82.0#
138 0.0 72.9 109.3#





#48

Acenaphthylene

Concen: 267.719 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

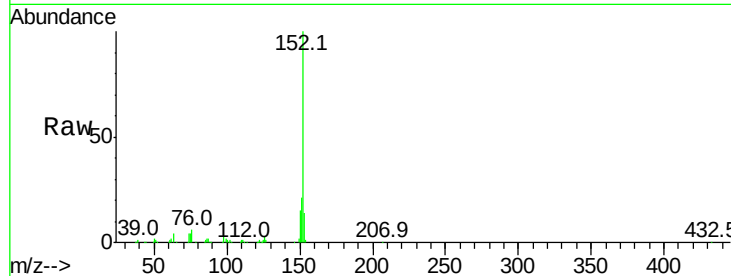
Tot Ion:152 Resp: 516473

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

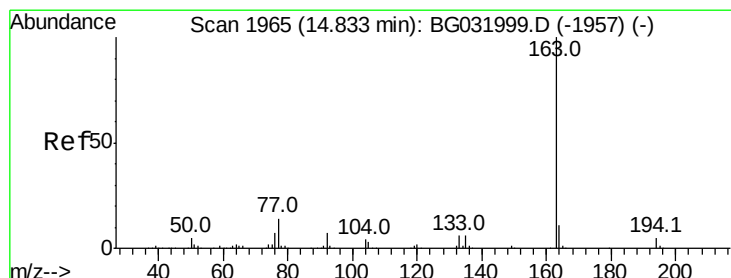
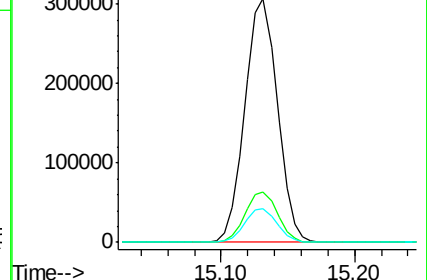
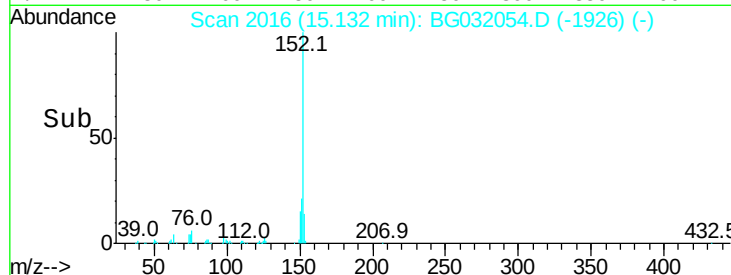
153 13.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 332.827 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

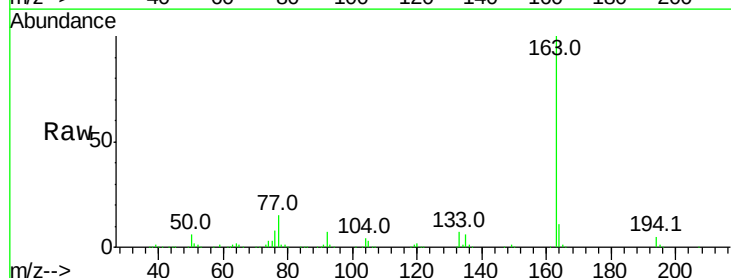
Tgt Ion:163 Resp: 553261

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

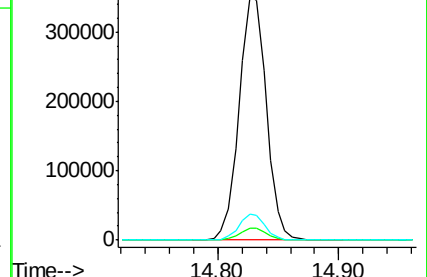
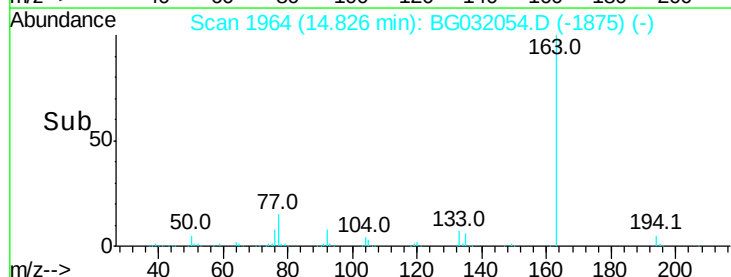
164 10.7 8.2 12.4

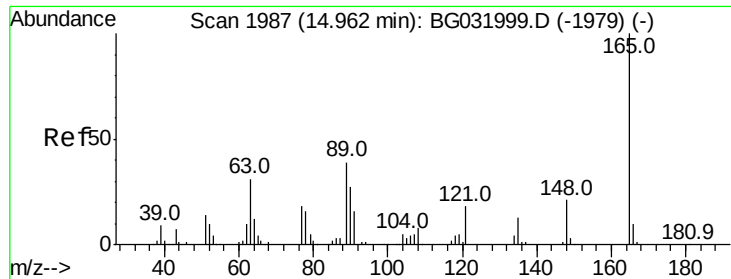


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

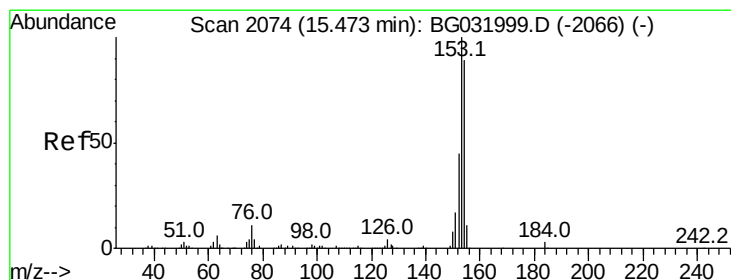
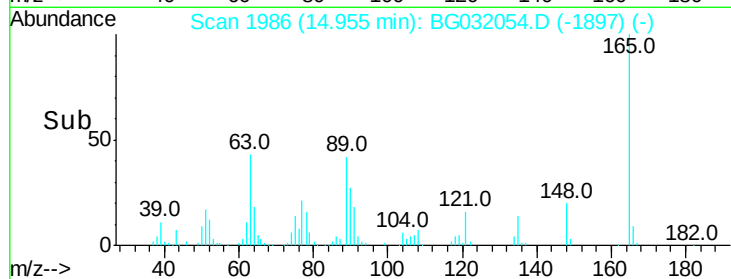
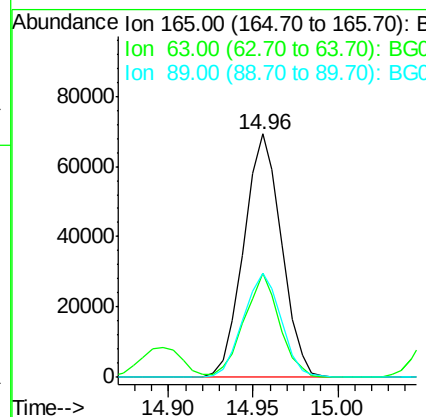
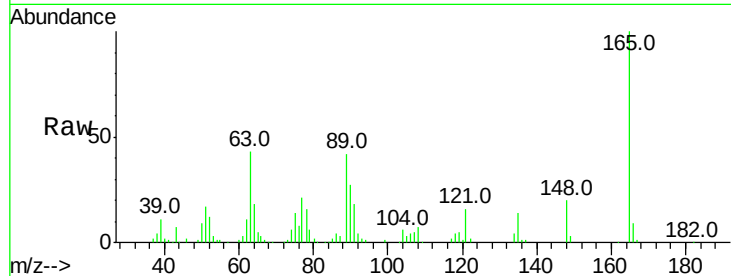




#50
2,6-Dinitrotoluene
Concen: 312.186 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

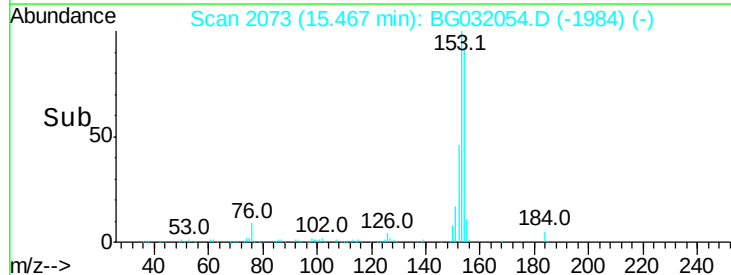
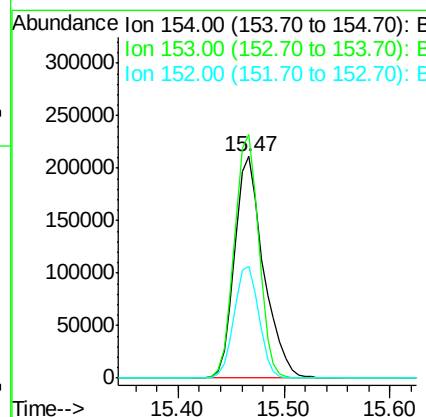
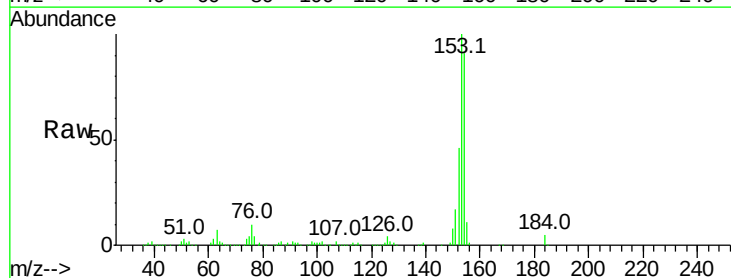
Instrument :
BNA_G
ClientSampleId :

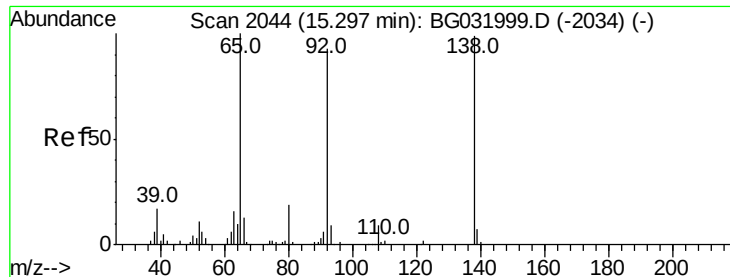
Tot Ion:165 Resp: 107716
Ion Ratio Lower Upper
165 100
63 42.7 52.7 79.1#
89 42.5 49.2 73.8#



#51
Acenaphthene
Concen: 313.252 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Tgt Ion:154 Resp: 399596
Ion Ratio Lower Upper
154 100
153 109.8 90.4 135.6
152 50.4 41.6 62.4





#52

3-Nitroaniline

Concen: 12.377 ng

RT: 15.49 min Scan# 2077

Delta R.T. 0.19 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

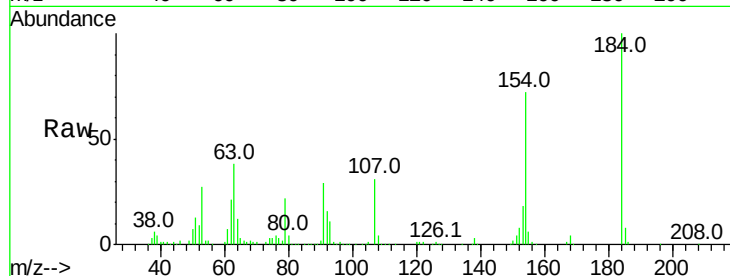
Tot Ion:138 Resp: 3857

Ion Ratio Lower Upper

138 100

108 134.4 17.5 26.3#

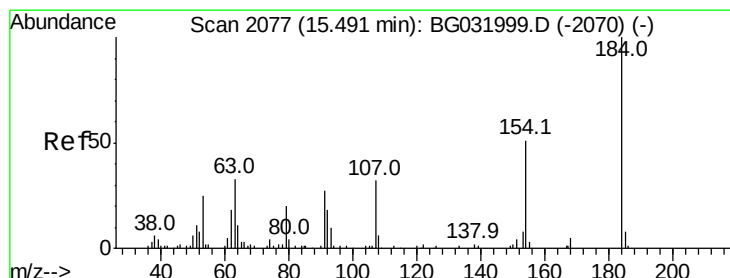
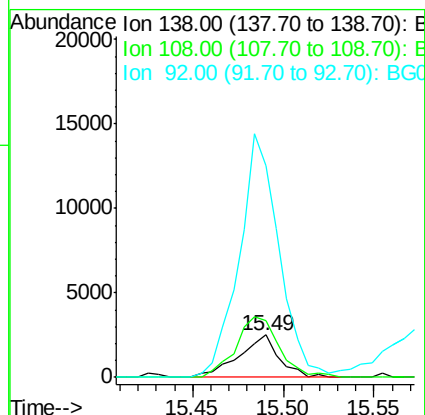
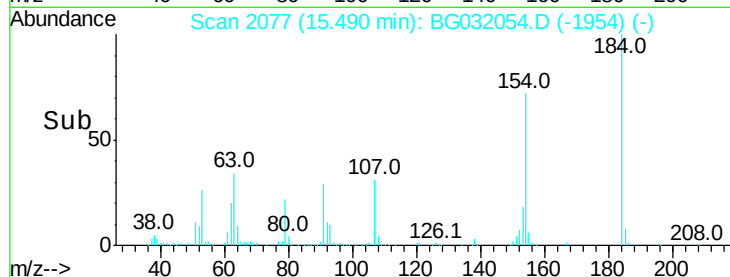
92 500.4 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 700.815 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.00 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

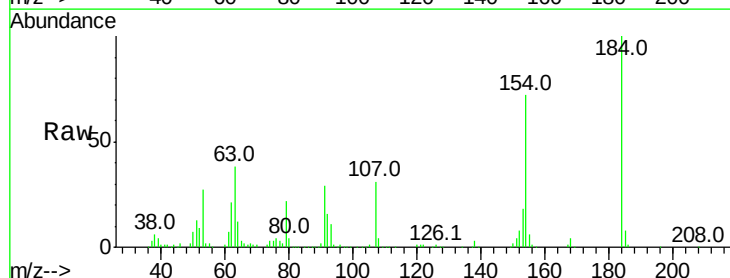
Tgt Ion:184 Resp: 131544

Ion Ratio Lower Upper

184 100

63 38.1 59.8 89.8#

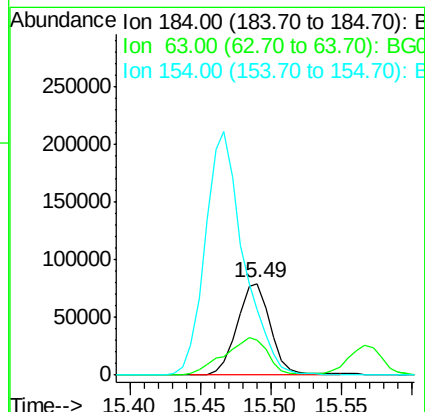
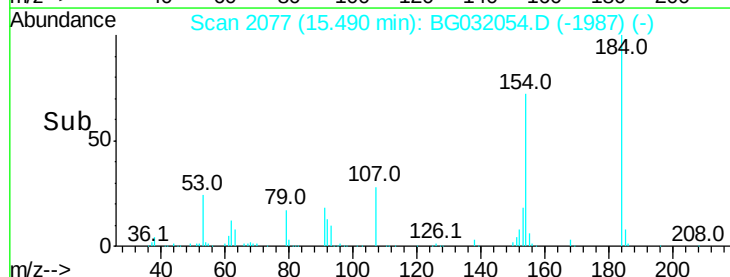
154 72.4 101.8 152.8#

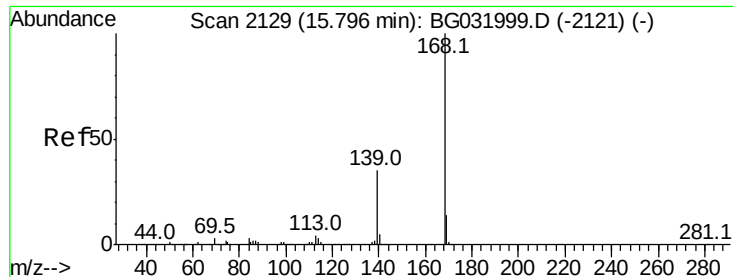


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 288.381 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

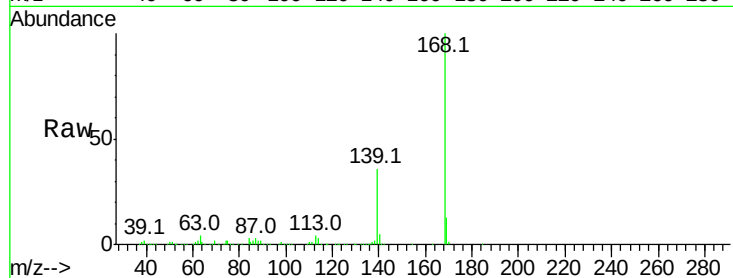
Tot Ion:168 Resp: 548774

Ion Ratio Lower Upper

168 100

139 35.9 28.6 43.0

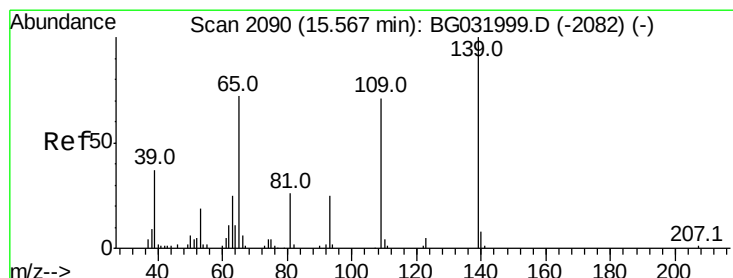
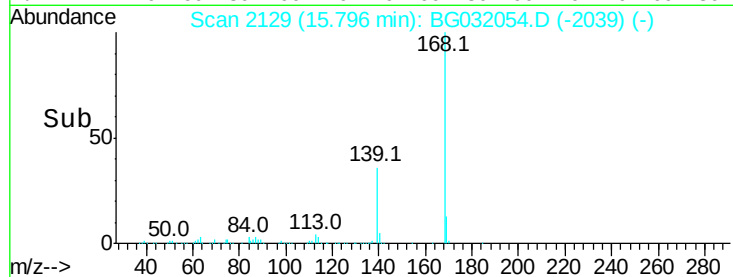
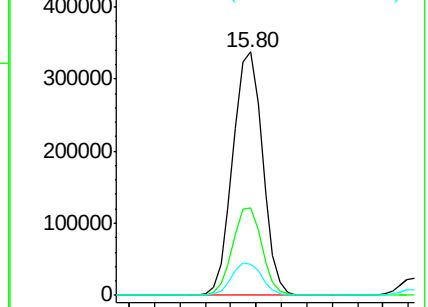
169 13.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 854.985 ng

RT: 15.80 min Scan# 2129

Delta R.T. 0.23 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

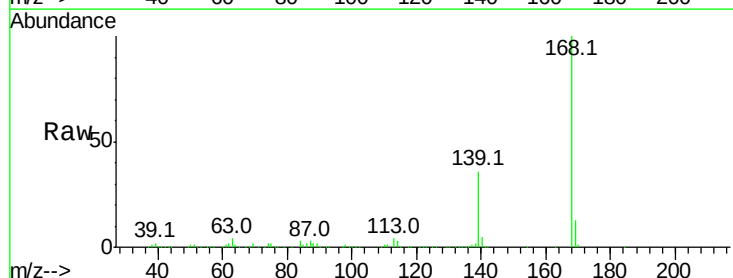
Tgt Ion:139 Resp: 194174

Ion Ratio Lower Upper

139 100

109 1.2 62.2 102.2#

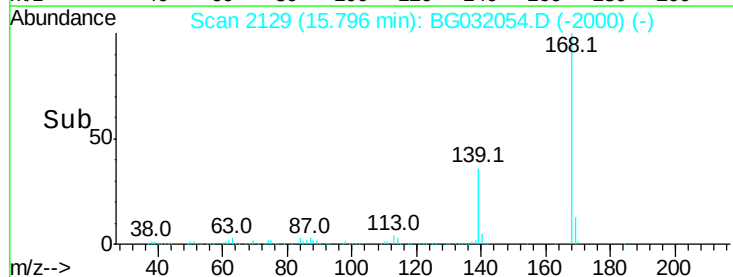
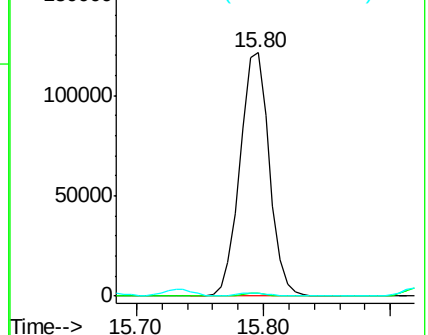
65 1.2 97.2 137.2#

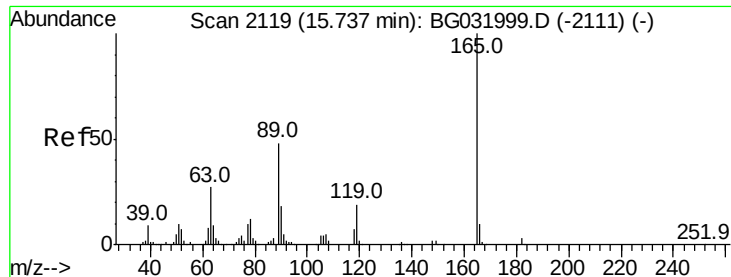


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#56

2,4-Dinitrotoluene

Concen: 340.172 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 158021

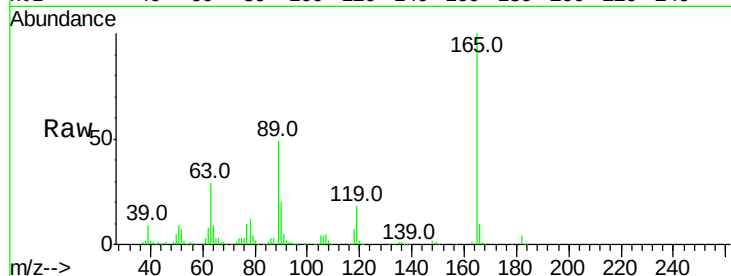
Ion Ratio Lower Upper

165 100

63 28.8 42.0 63.0#

89 49.4 66.9 100.3#

182 3.5 2.6 3.8

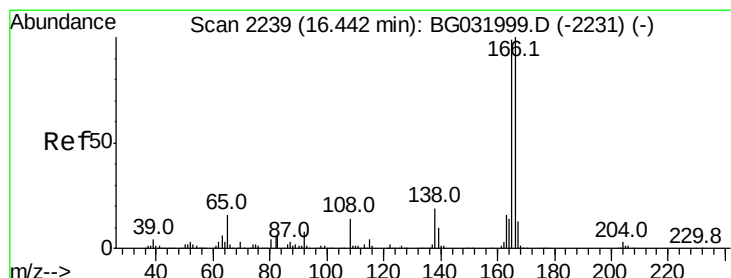
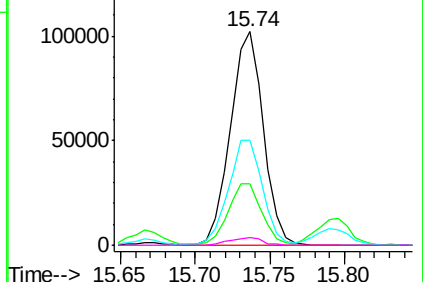
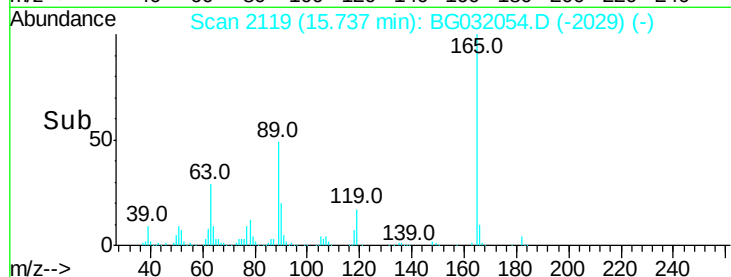


Abundance Ion 165.00 (164.70 to 165.70): E

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: 288.121 ng

RT: 16.44 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

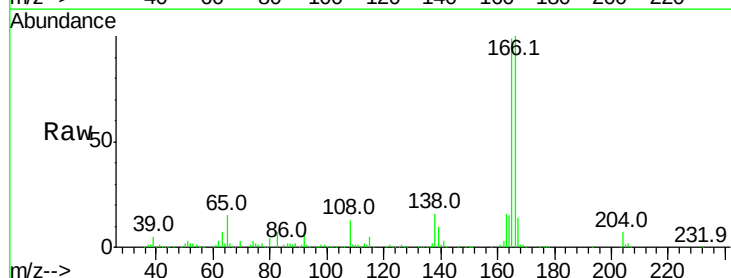
Tgt Ion:166 Resp: 449669

Ion Ratio Lower Upper

166 100

165 99.2 80.6 121.0

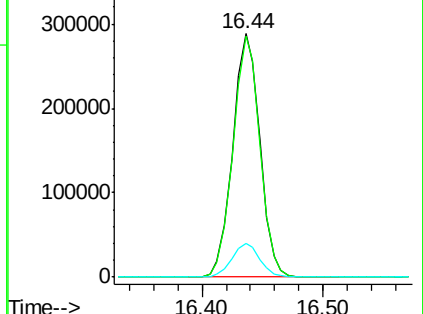
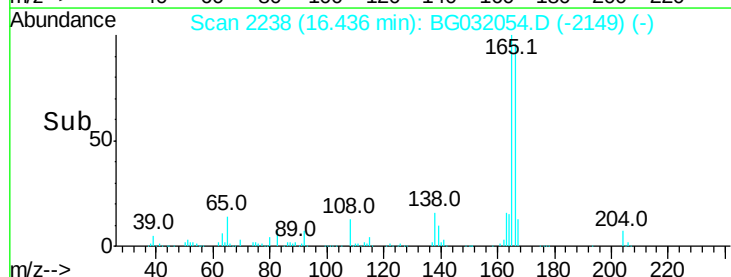
167 14.0 10.4 15.6

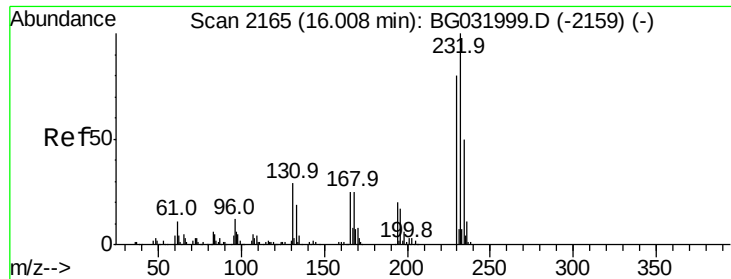


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

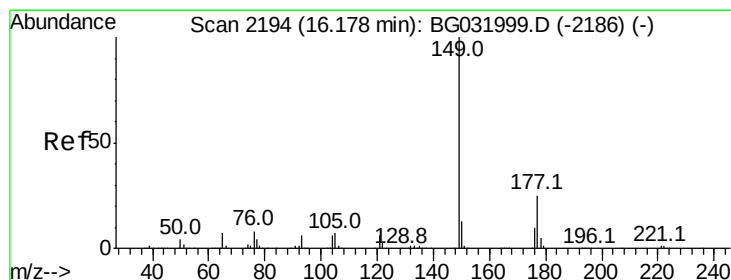
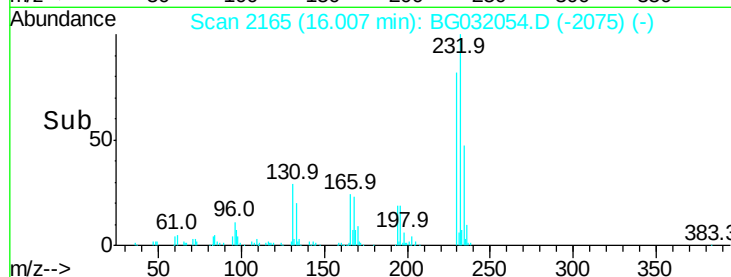
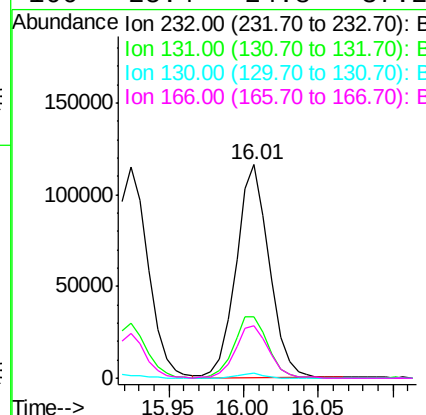
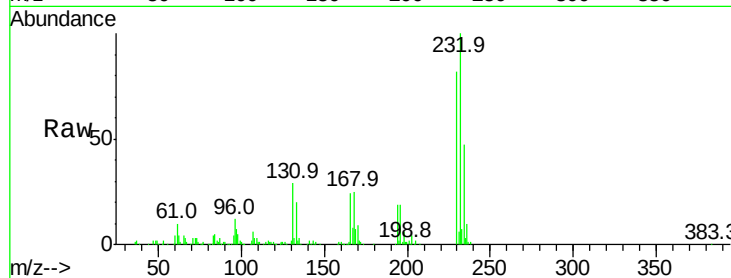




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 359.303 ng
 RT: 16.01 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

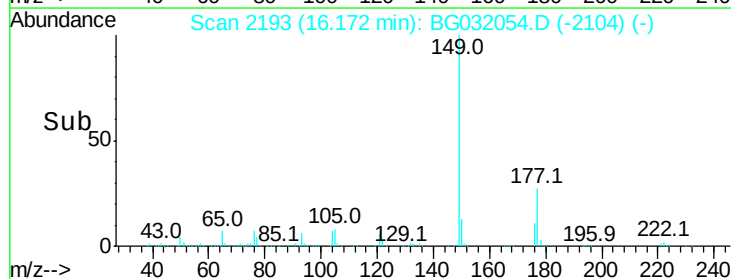
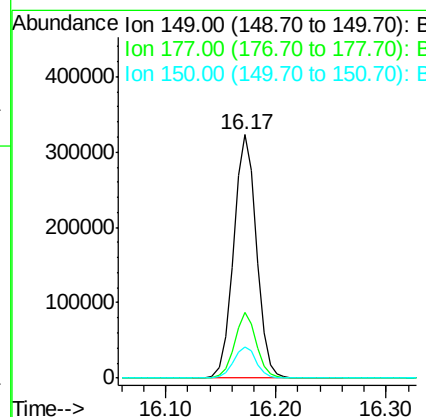
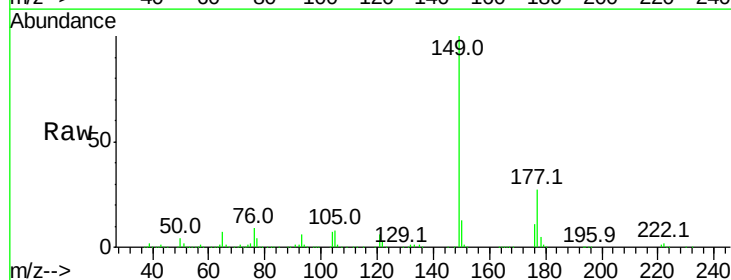
Instrument :
 BNA_G
 ClientSampleId :

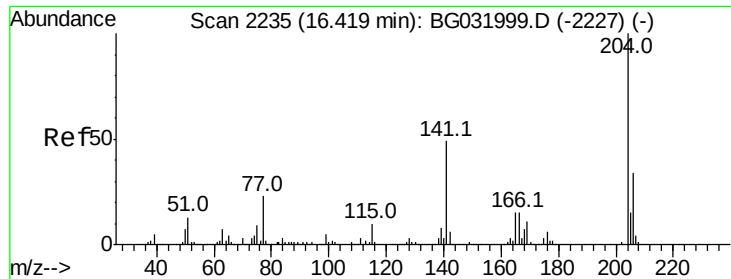
Tot Ion	Ratio	Lower	Upper
232	100		
131	29.7	33.5	50.3#
130	1.9	2.2	3.2#
166	25.4	24.8	37.2



#59
 Diethylphthalate
 Concen: 289.722 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.8	18.5	27.7
150	12.9	10.2	15.2





#60

4-Chlorophenyl-phenylether

Concen: 291.162 ng

RT: 16.41 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

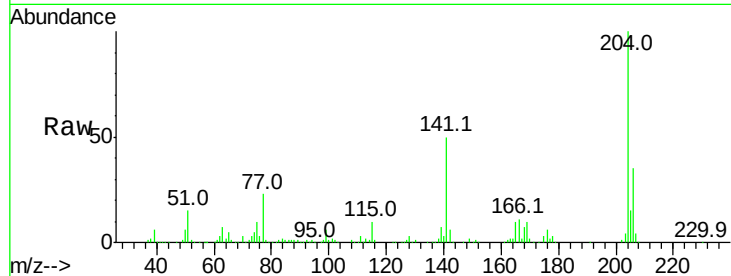
Instrument :

BNA_G

ClientSampleId :

Tot Ion:204 Resp: 278753

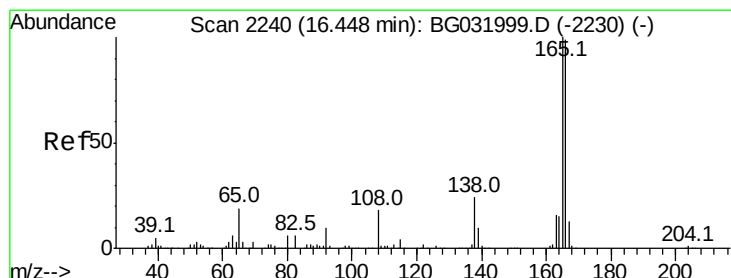
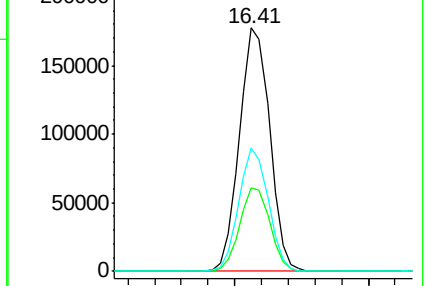
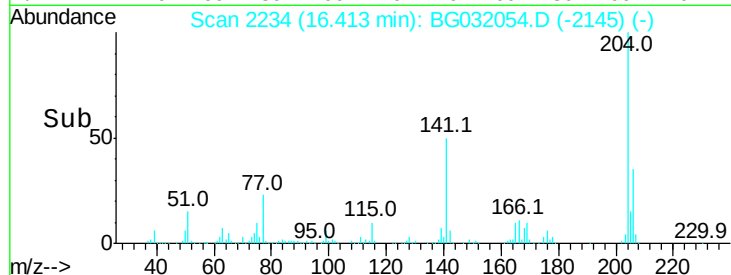
Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.2	39.2
141	50.5	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 297.467 ng

RT: 16.44 min Scan# 2239

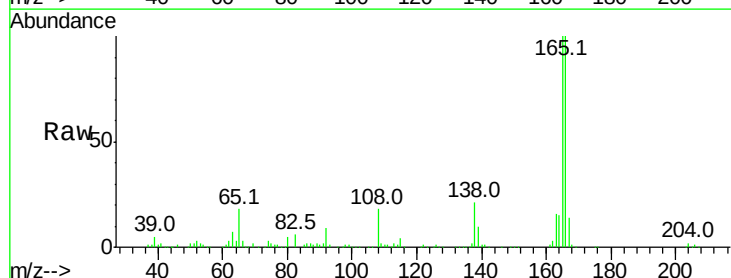
Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Tgt Ion:138 Resp: 88924

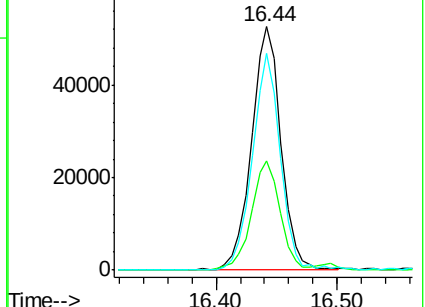
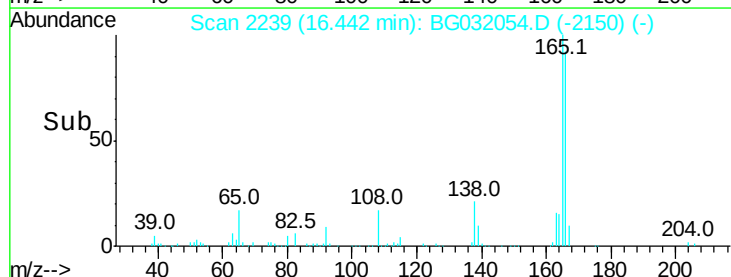
Ion	Ratio	Lower	Upper
138	100		
92	44.9	40.1	80.1
108	89.0	65.4	105.4

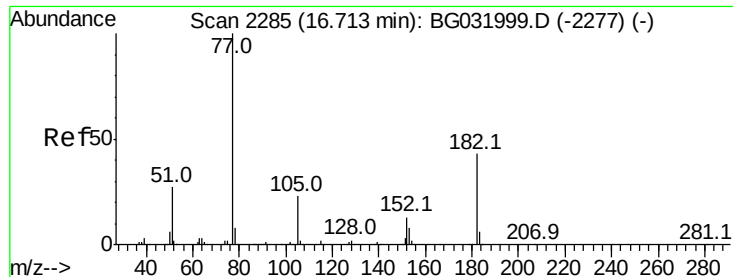


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 296.394 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 298962

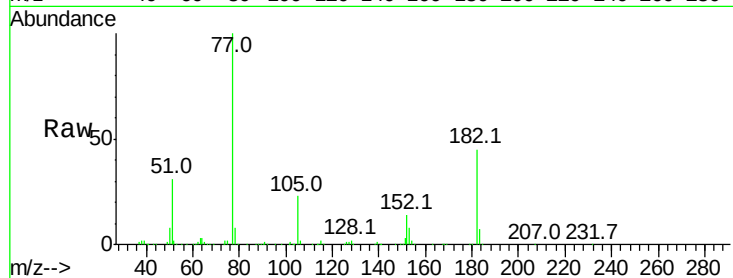
Ion Ratio Lower Upper

77 100

182 44.7 7.4 47.4

105 23.0 0.3 40.3

51 30.5 11.6 51.6



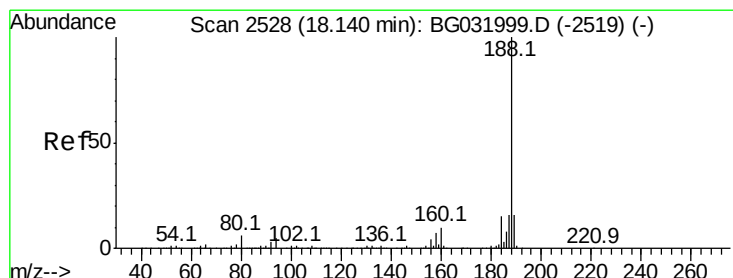
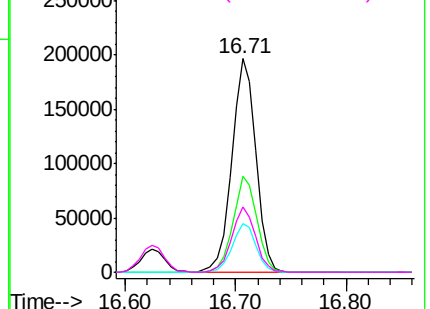
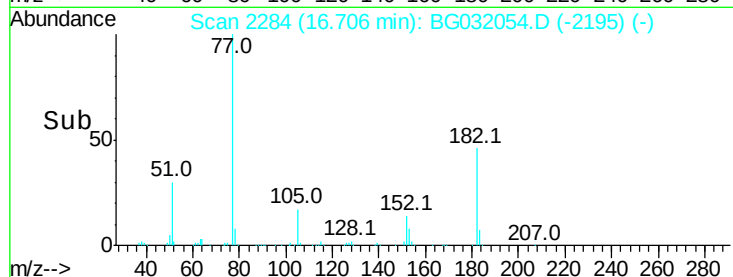
Abundance

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: 18.30 min Scan# 2555

Delta R.T. 0.16 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

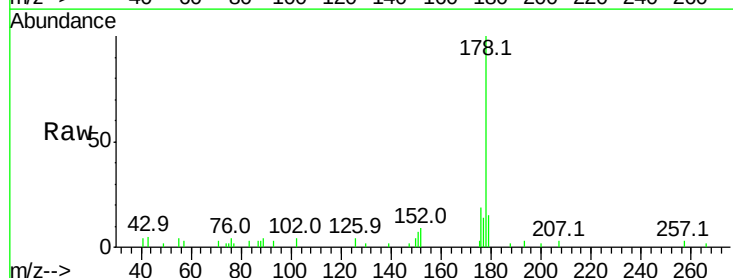
Tgt Ion: 188 Resp: 54

Ion Ratio Lower Upper

188 100

94 0.0 6.9 10.3#

80 0.0 7.7 11.5#

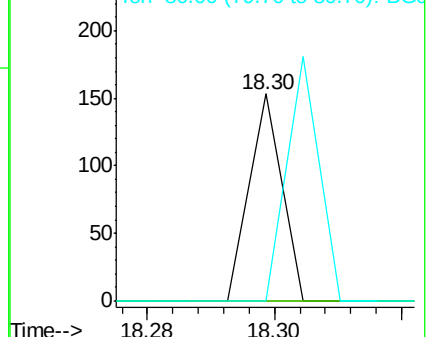
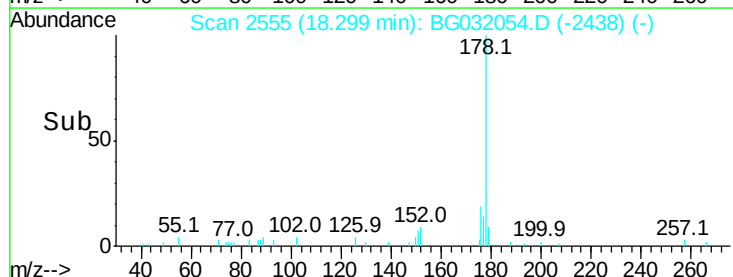


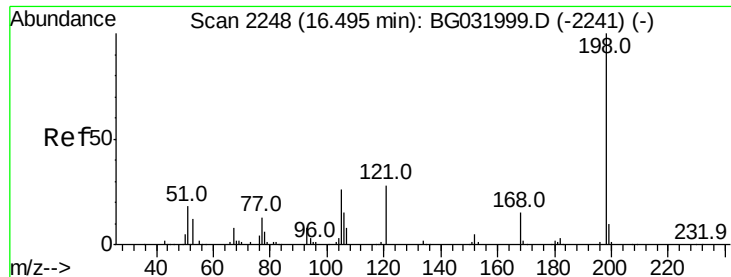
Abundance

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: 255864.584 ng

RT: 16.49 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

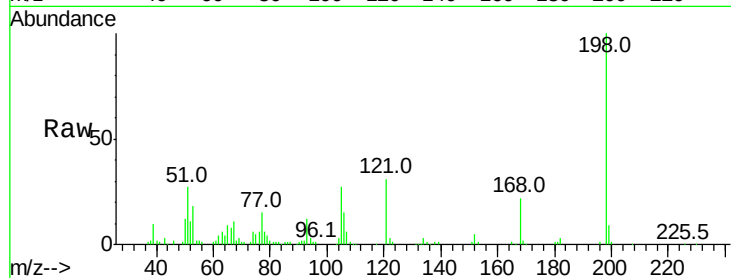
Tot Ion:198 Resp: 98453

Ion Ratio Lower Upper

198 100

51 26.6 30.6 70.6#

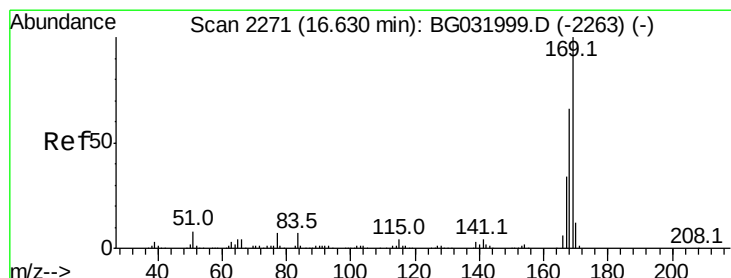
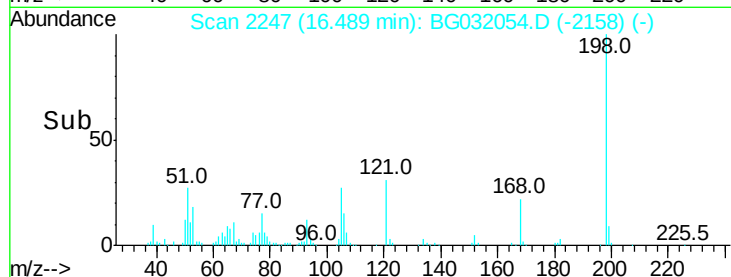
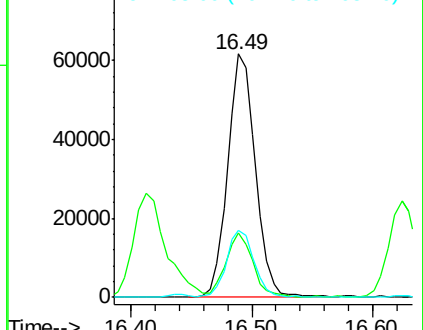
105 27.3 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 259729.573 ng

RT: 16.62 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

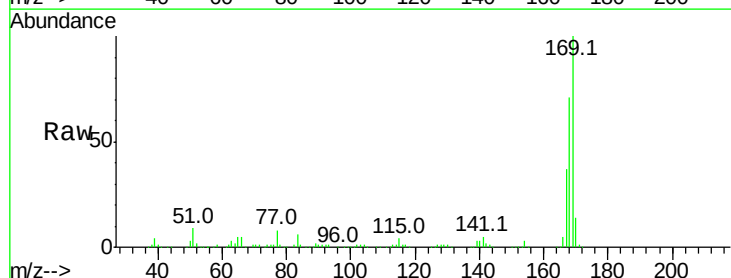
Tgt Ion:169 Resp: 425590

Ion Ratio Lower Upper

169 100

168 71.0 55.7 83.5

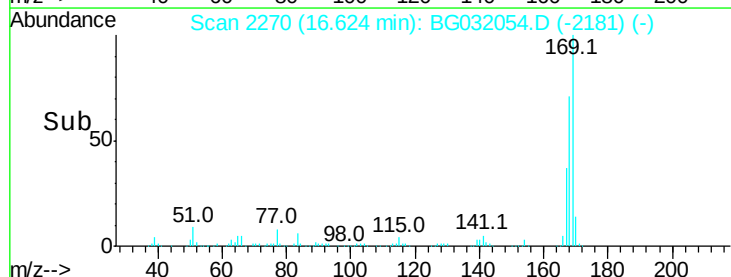
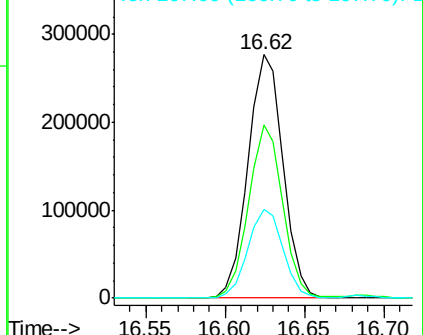
167 36.6 30.1 45.1

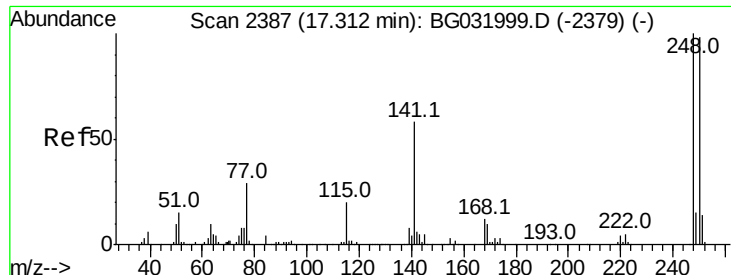


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

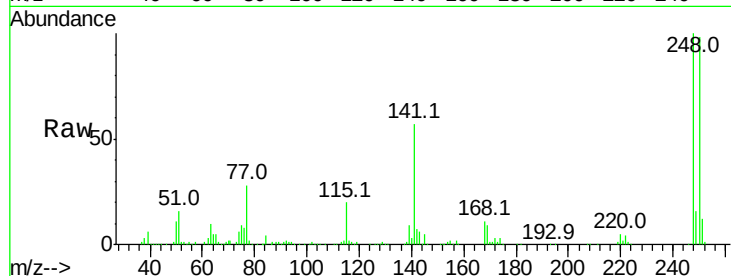




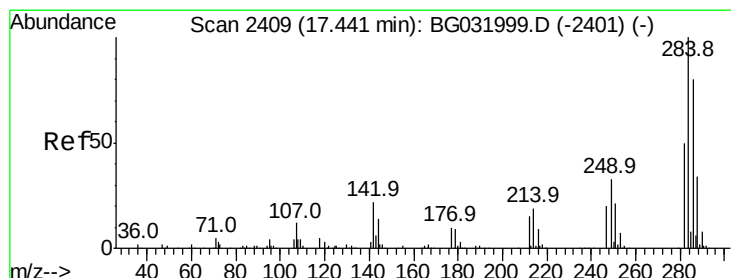
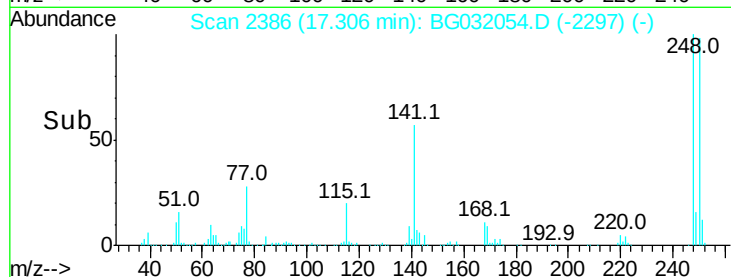
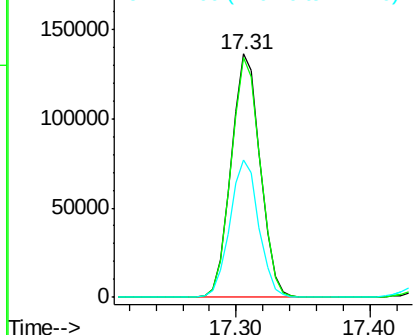
#66
 4-Bromophenyl-phenylether
 Concen: 269039.600 ng
 RT: 17.31 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 206709
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.1 115.7
 141 56.5 50.8 76.2

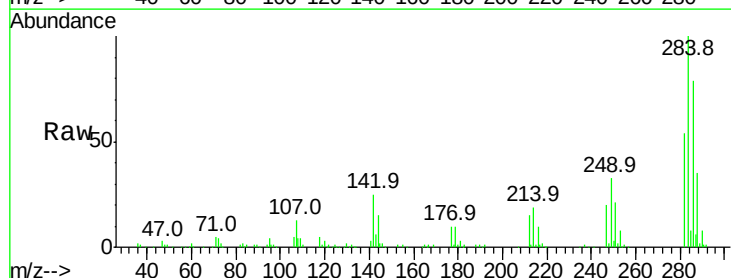


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

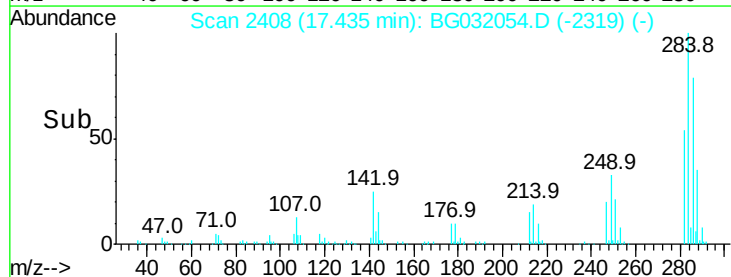
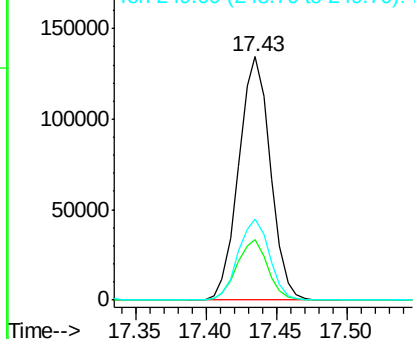


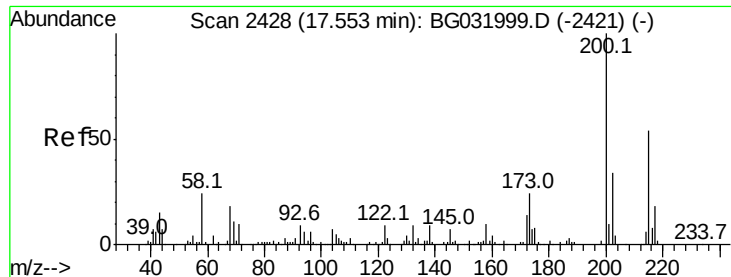
#67
 Hexachlorobenzene
 Concen: 248062.720 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

Tgt Ion:284 Resp: 210861
 Ion Ratio Lower Upper
 284 100
 142 24.8 26.8 40.2#
 249 33.1 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

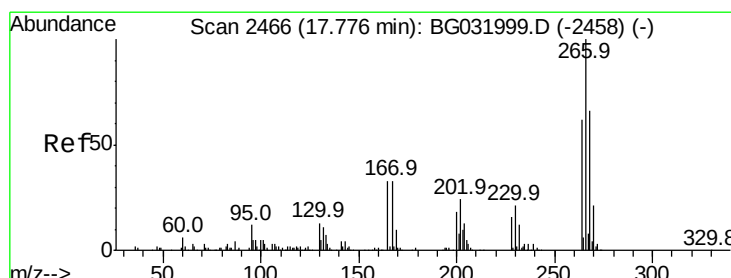
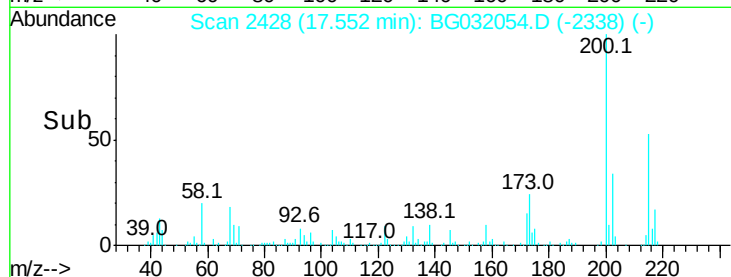
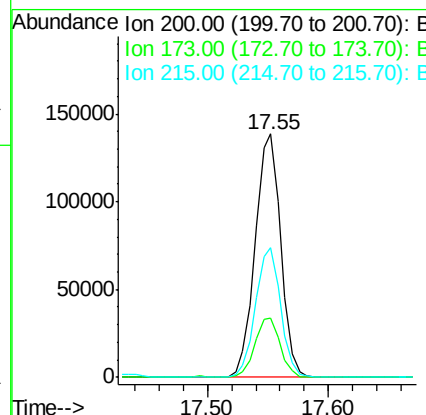
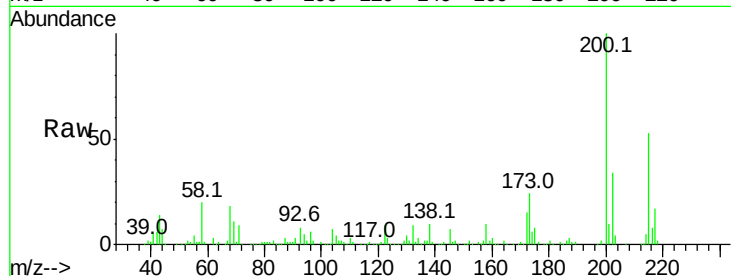




#68
Atrazine
Concen: 296163.770 ng
RT: 17.55 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

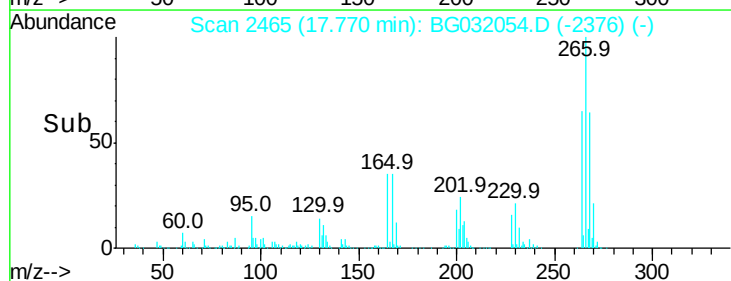
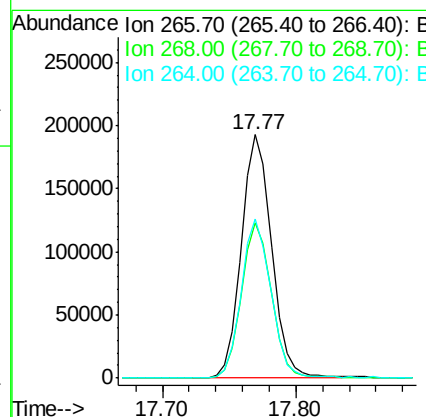
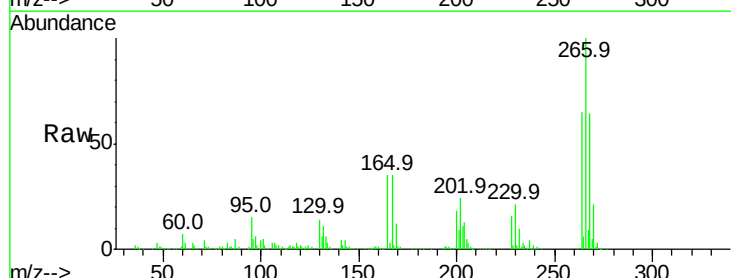
Instrument :
BNA_G
ClientSampleId :

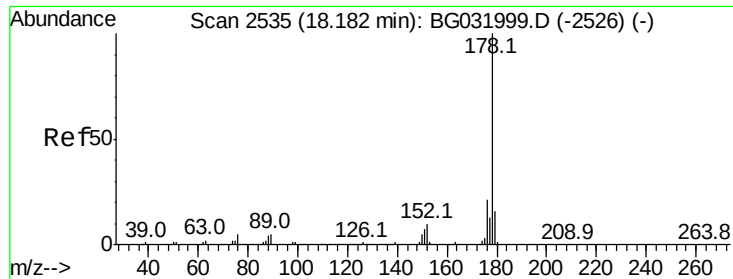
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	5.2	45.2
215	53.3	30.4	70.4



#69
Pentachlorophenol
Concen: 556313.464 ng
RT: 17.77 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	65.4	49.6	74.4





#70

Phenanthrene

Concen: 268701.064 ng

RT: 18.27 min Scan# 2550

Delta R.T. 0.09 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

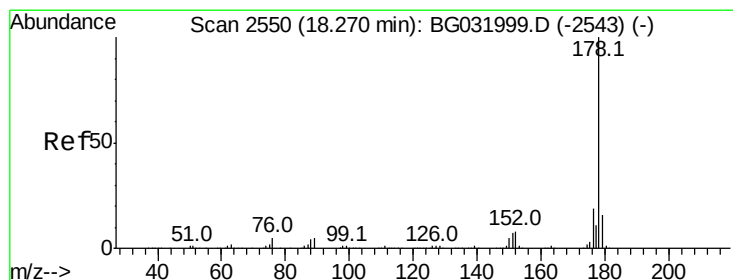
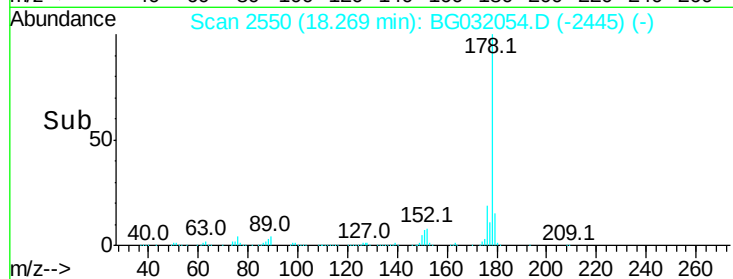
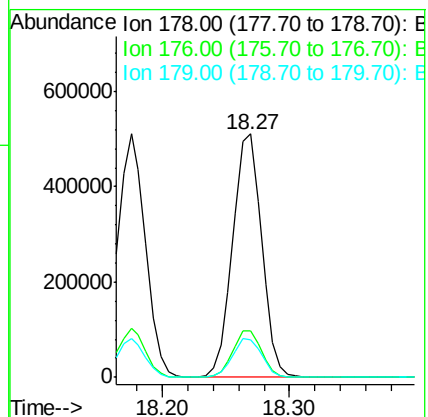
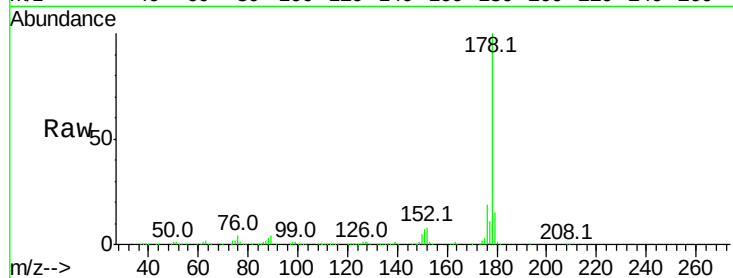
Tot Ion:178 Resp: 807854

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

179 15.4 12.5 18.7



#71

Anthracene

Concen: 269405.617 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

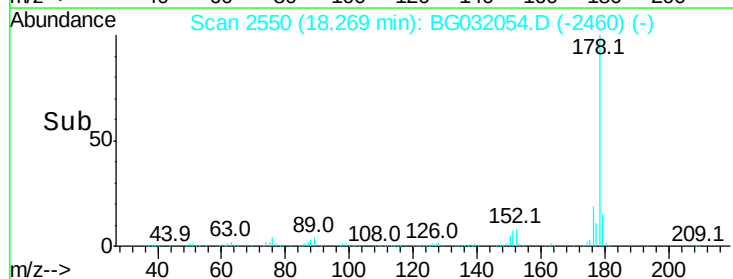
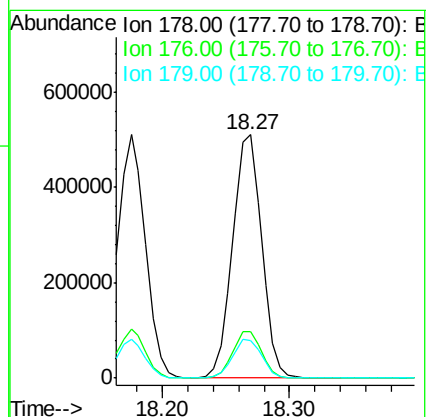
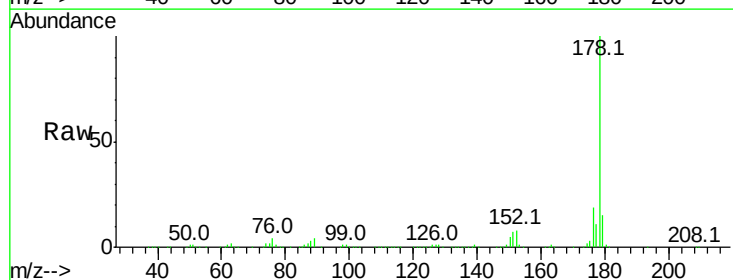
Tgt Ion:178 Resp: 807854

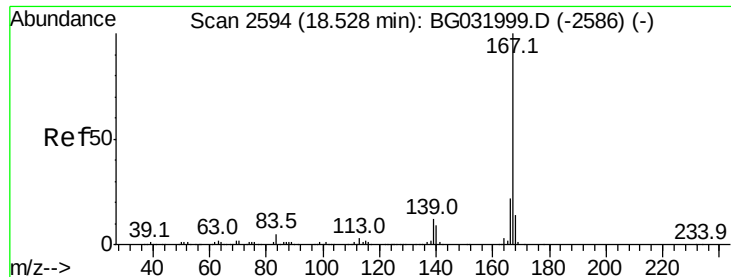
Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

179 15.4 12.5 18.7





#72

Carbazole

Concen: 275940.965 ng

RT: 18.52 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

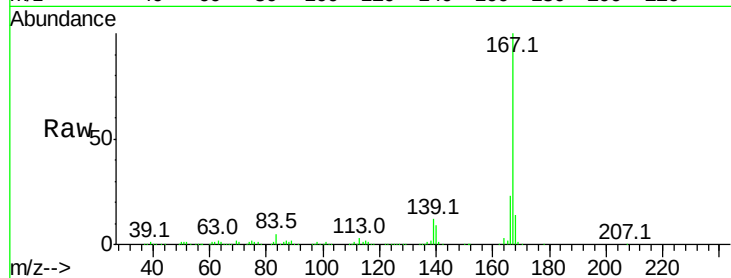
Tot Ion:167 Resp: 717803

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

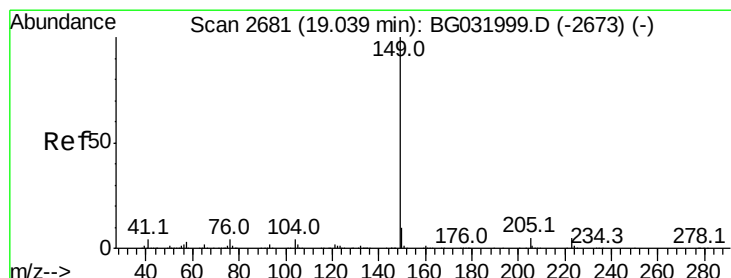
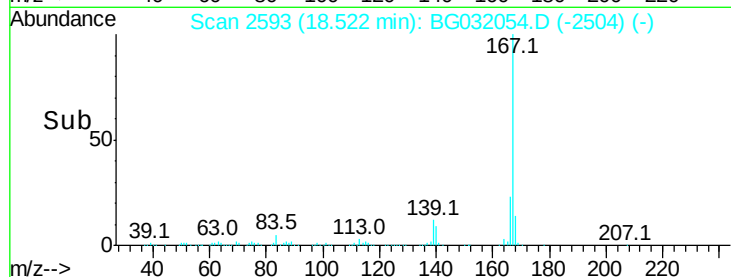
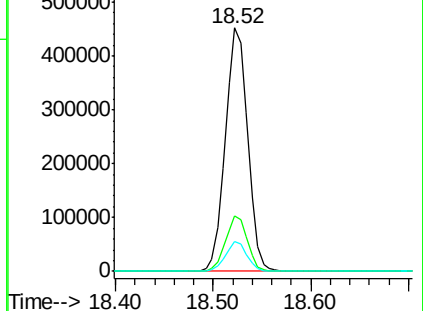
139 12.0 9.4 14.2



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: 267157.013 ng

RT: 19.03 min Scan# 2680

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

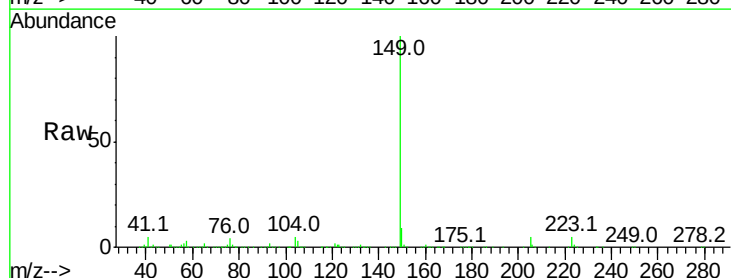
Tgt Ion:149 Resp: 821188

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

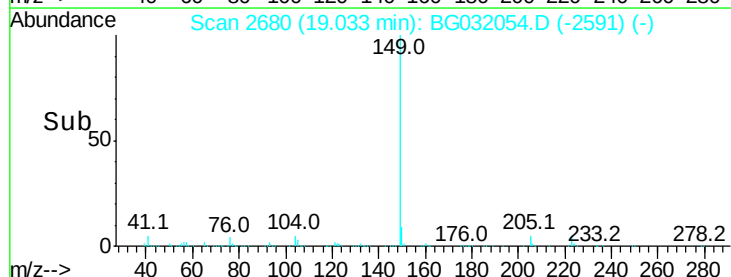
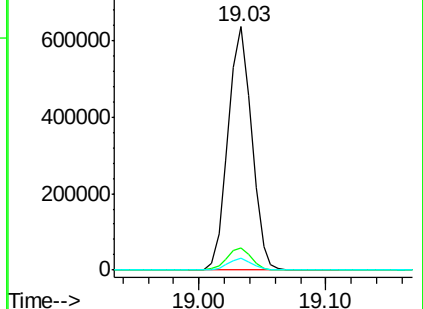
104 4.8 3.9 5.9

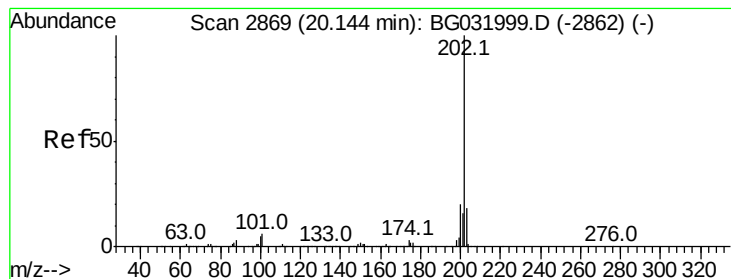


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 278712.833 ng

RT: 20.50 min Scan# 2929

Delta R.T. 0.35 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

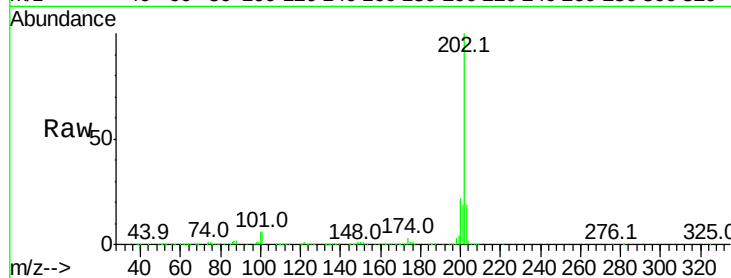
Tot Ion:202 Resp: 1049161

Ion Ratio Lower Upper

202 100

101 5.9 0.0 28.9

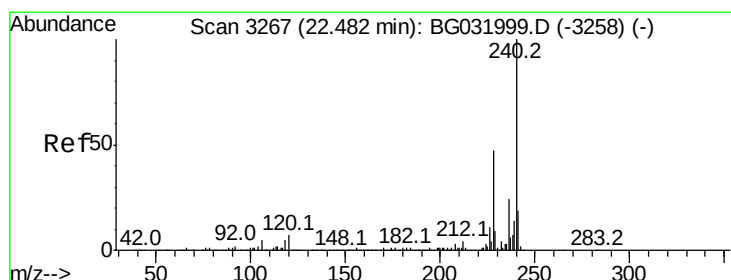
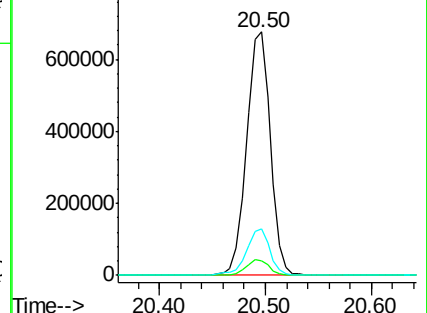
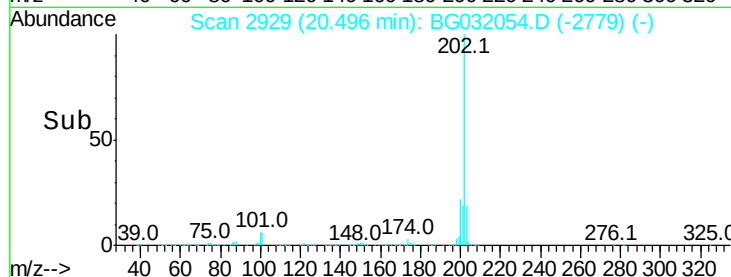
203 18.9 0.0 37.5



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: 22.59 min Scan# 3285

Delta R.T. 0.11 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

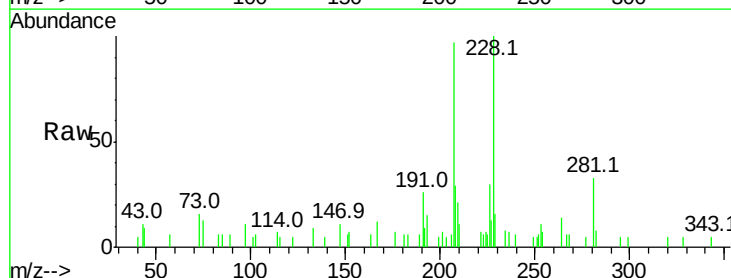
Tgt Ion:240 Resp: 65

Ion Ratio Lower Upper

240 100

120 0.0 6.8 10.2#

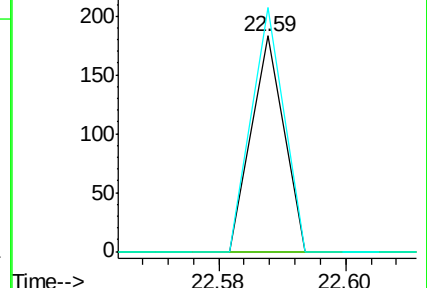
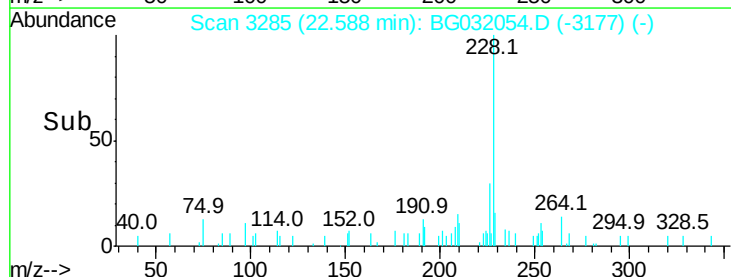
236 113.1 20.9 31.3#

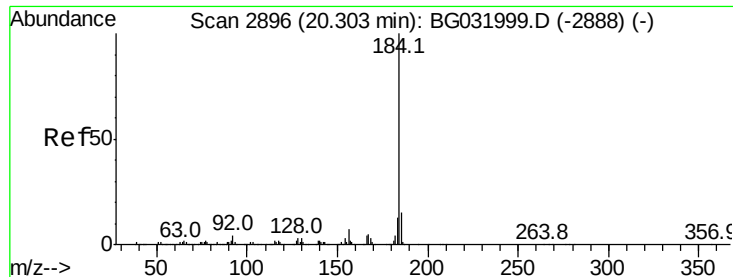


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

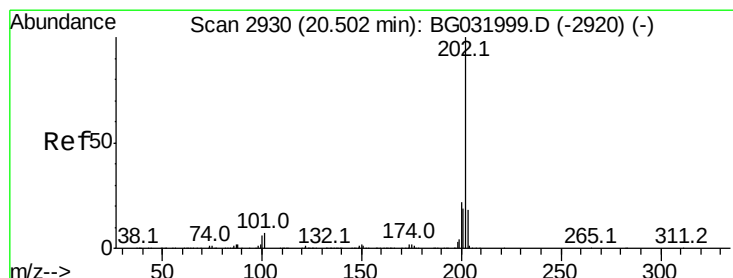
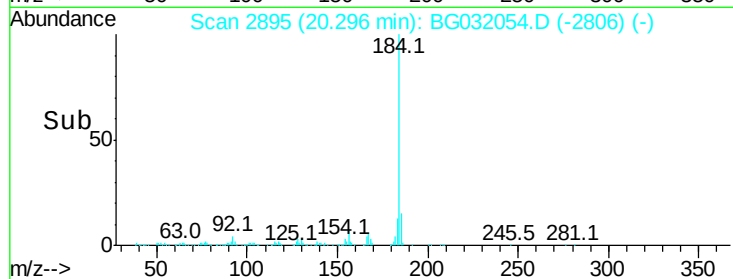
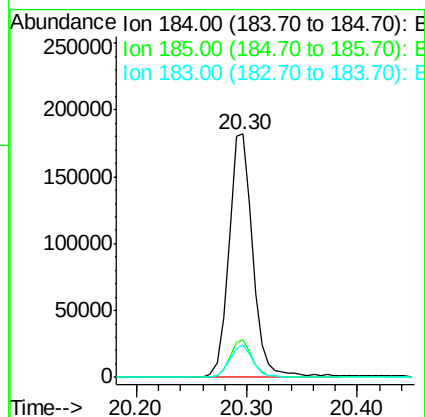
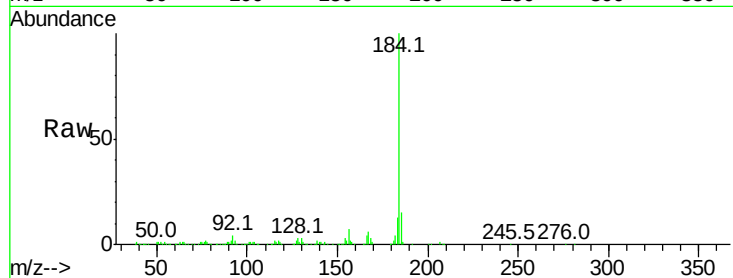




#76
Benzidine
Concen: 169921.029 ng
RT: 20.30 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

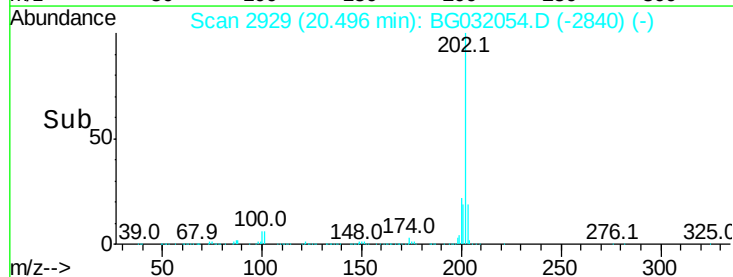
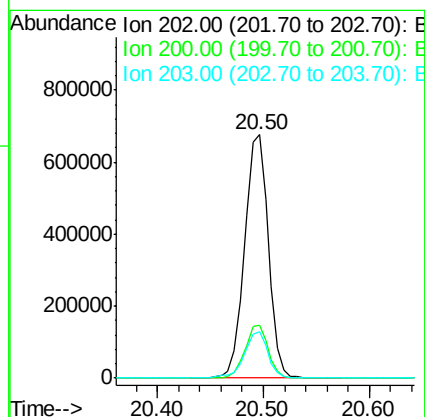
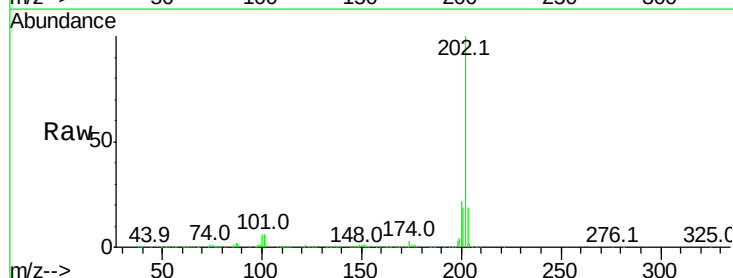
Instrument :
BNA_G
ClientSampleId :

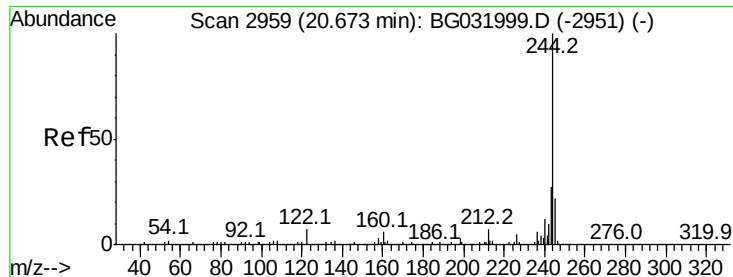
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	13.4	10.6	16.0



#77
Pyrene
Concen: 256760.806 ng
RT: 20.50 min Scan# 2929
Delta R.T. -0.01 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.9	13.9	20.9





#78

Terphenyl-d14

Concen: 513116.807 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

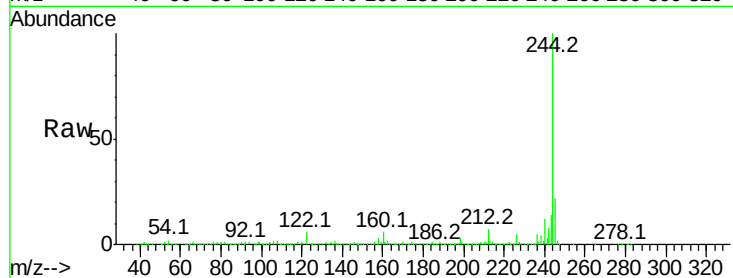
Tot Ion:244 Resp: 1510504

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

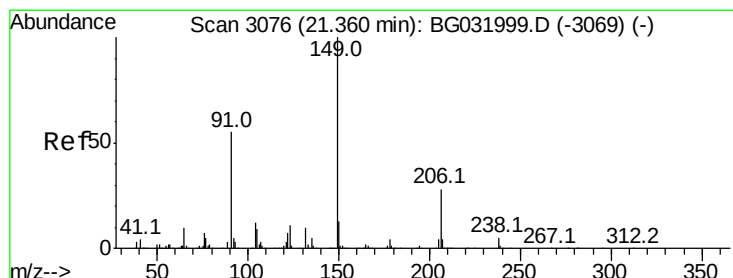
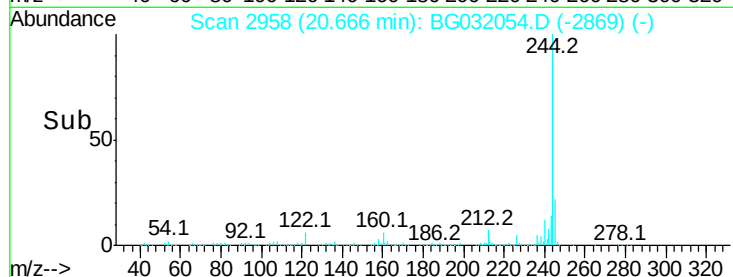
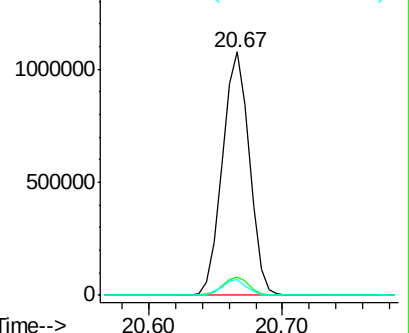
122 6.4 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 255407.300 ng

RT: 21.35 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

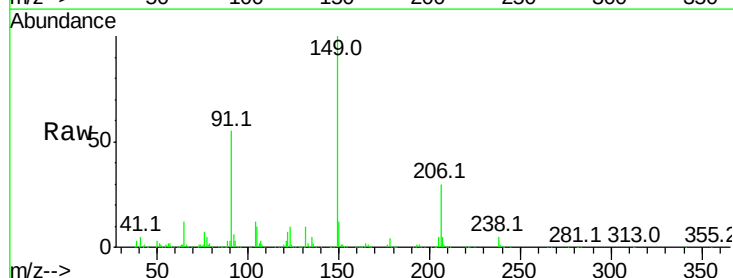
Tgt Ion:149 Resp: 373921

Ion Ratio Lower Upper

149 100

91 55.4 62.2 93.2#

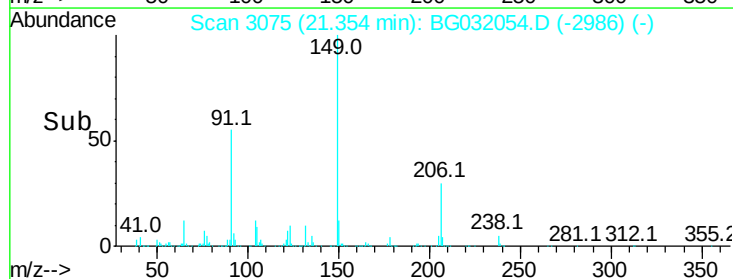
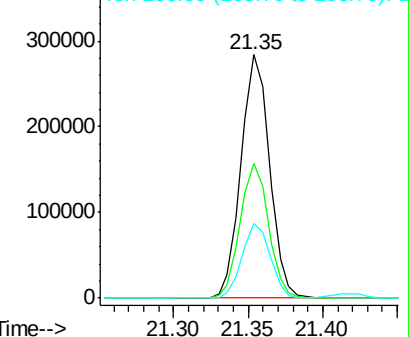
206 30.5 18.6 27.8#

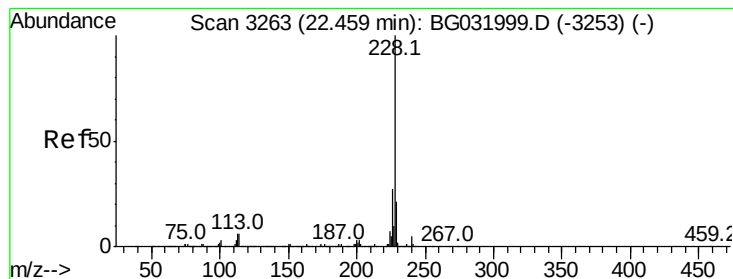


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 253362.561 ng

RT: 22.53 min Scan# 3275

Delta R.T. 0.07 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Instrument :

BNA_G

ClientSampleId :

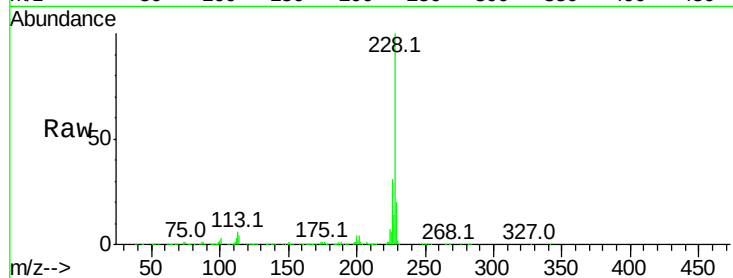
Tot Ion:228 Resp: 1024188

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.7	34.1
229	20.1	16.2	24.2

228 100

226 31.1 22.7 34.1

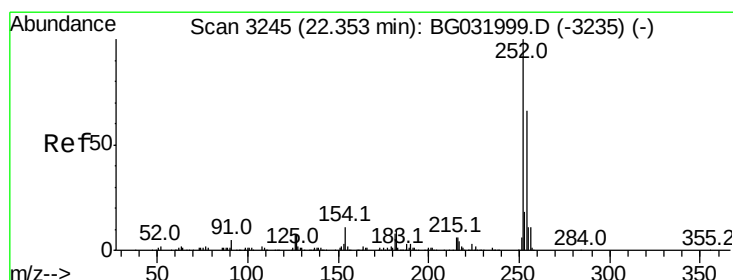
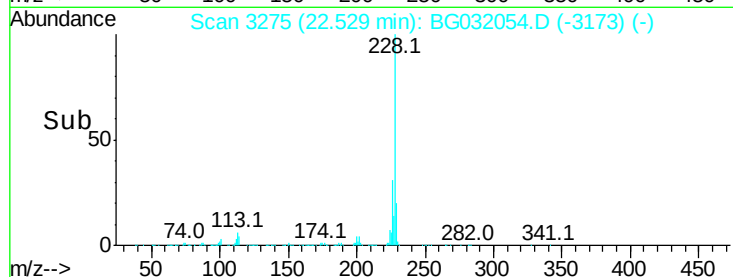
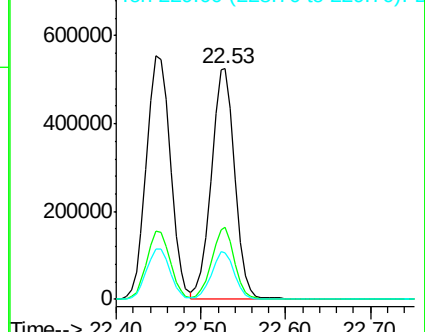
229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 145691.413 ng

RT: 22.34 min Scan# 3243

Delta R.T. -0.01 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

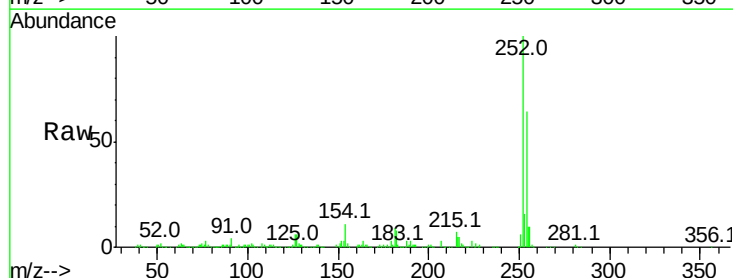
Tgt Ion:252 Resp: 220004

Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	5.7	7.4	11.2#

252 100

254 64.1 50.8 76.2

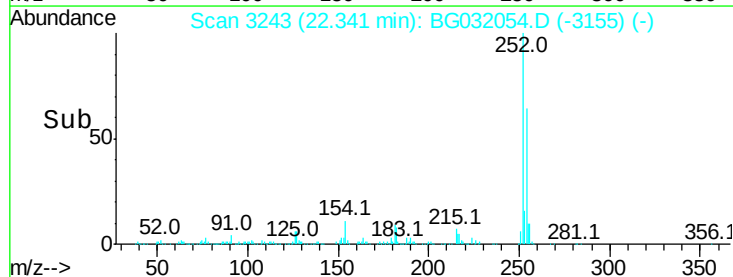
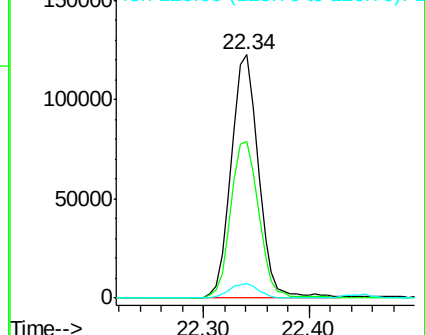
126 5.7 7.4 11.2#

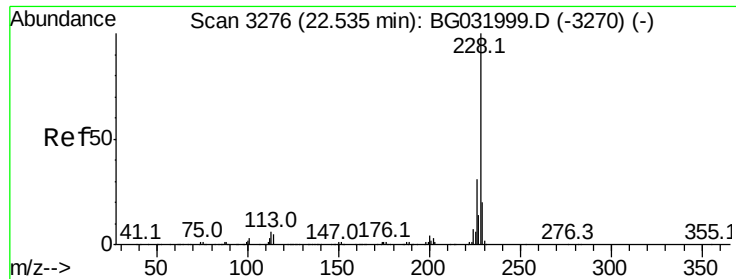


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



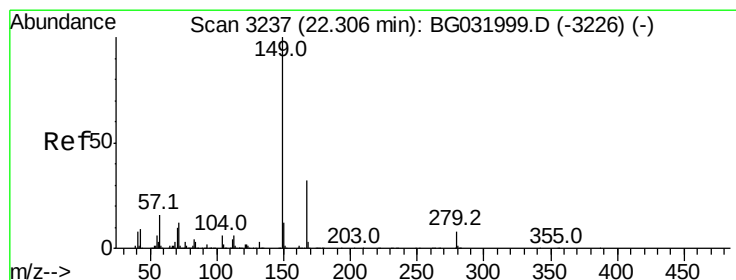
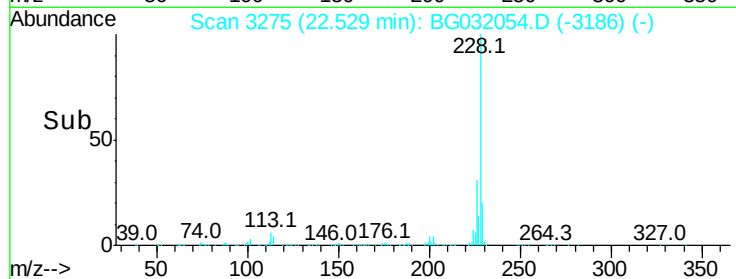
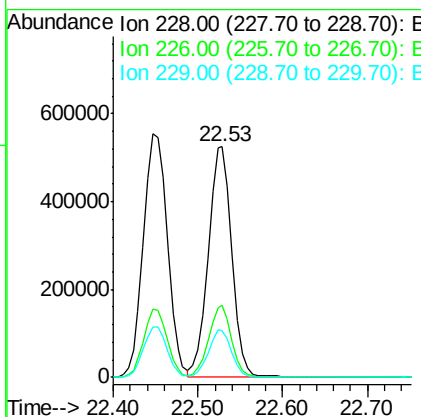
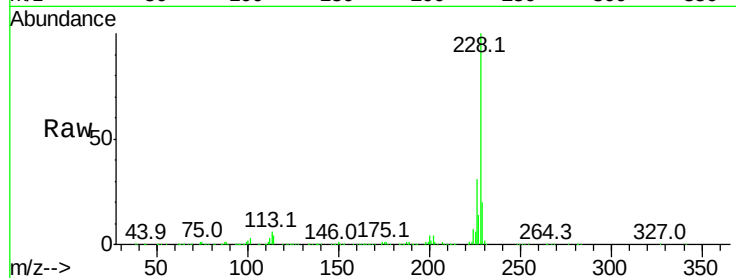


#82
 Chrysene
 Concen: 263818.346 ng
 RT: 22.53 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1024188

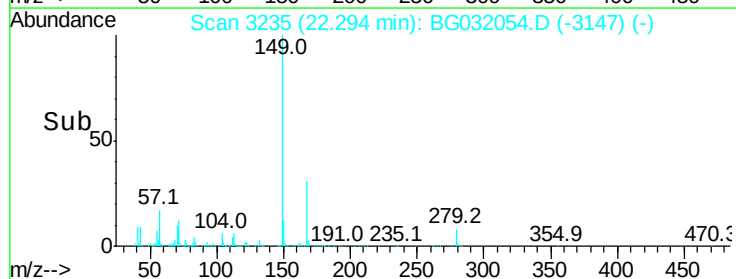
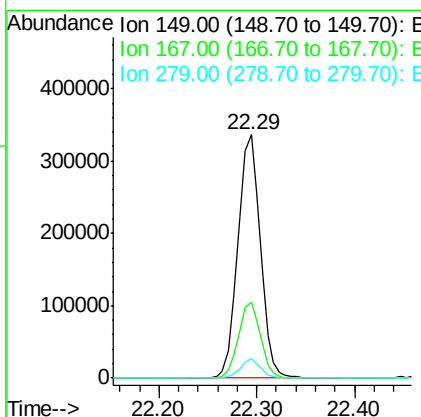
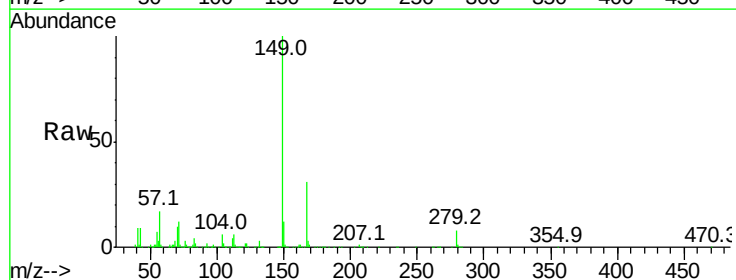
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.1	15.0	22.4

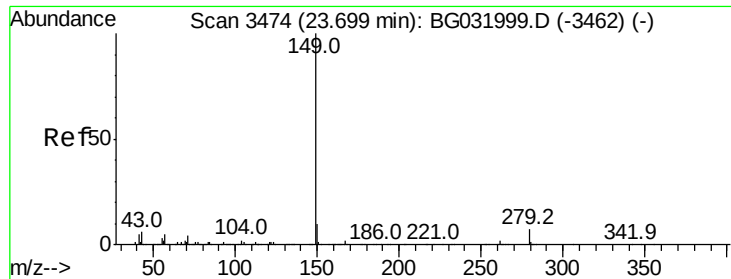


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 251512.816 ng
 RT: 22.29 min Scan# 3235
 Delta R.T. -0.01 min
 Lab File: BG032054.D
 Acq: 16 Jan 2018 5:28

Tgt Ion:149 Resp: 539961

Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	7.8	4.0	6.0



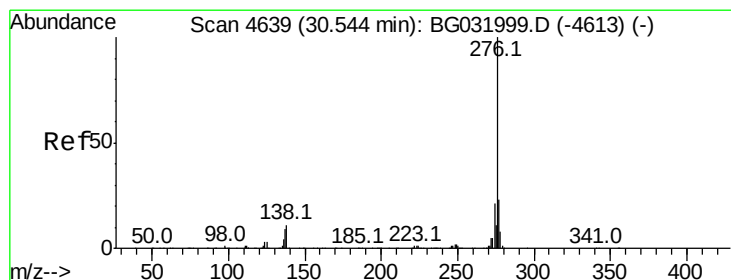
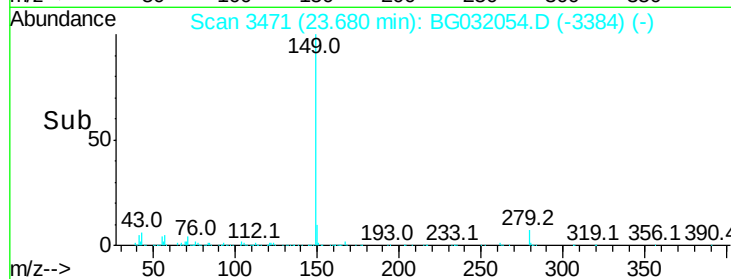
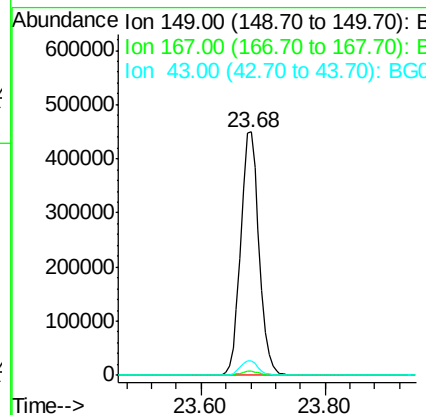
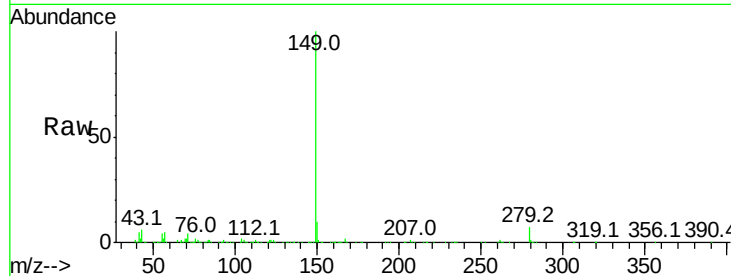


#84

Di-n-octyl phthalate
Concen: 272293.970 ng
RT: 23.68 min Scan# 3471
Delta R.T. -0.02 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Instrument :
BNA_G
ClientSampleId :

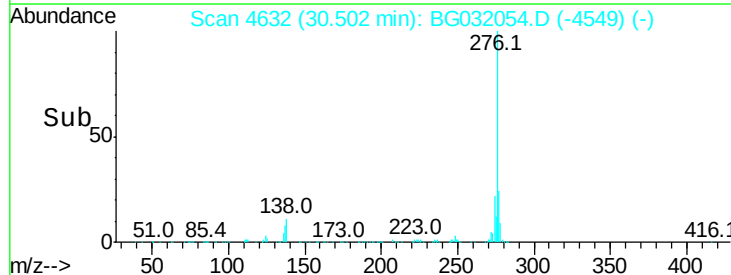
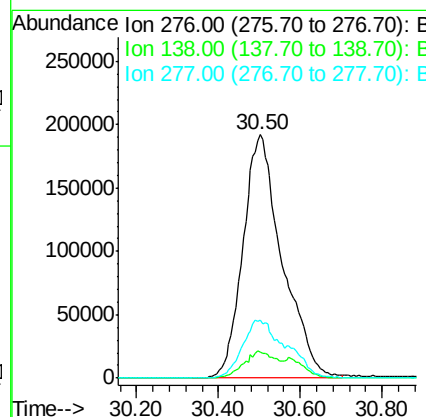
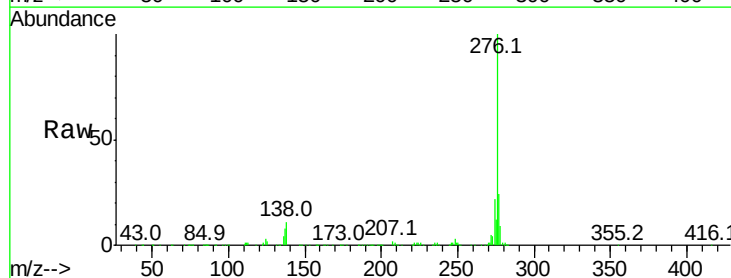
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.0	8.9	13.3#

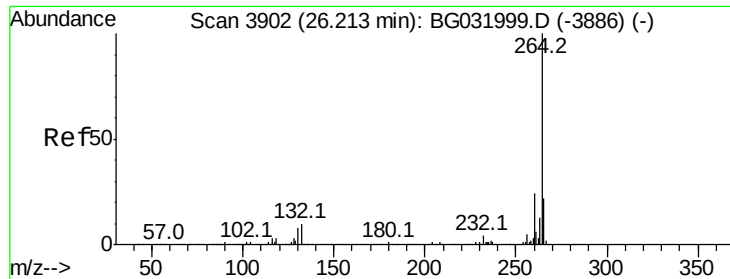


#85

Indeno(1,2,3-cd)pyrene
Concen: 269873.164 ng
RT: 30.50 min Scan# 4632
Delta R.T. -0.04 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	16.0	24.0#
277	26.6	20.0	30.0

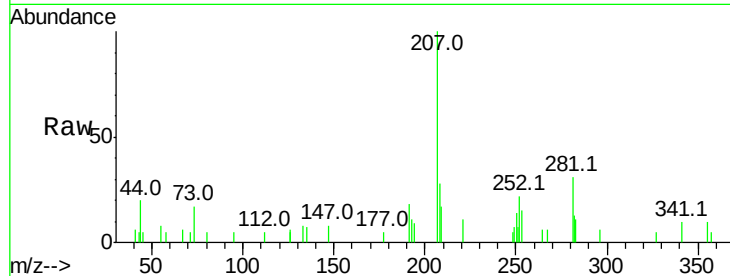




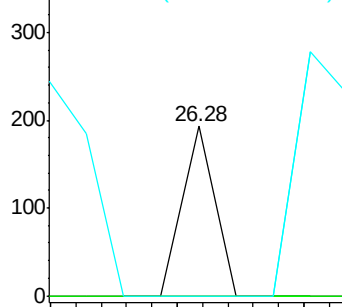
#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.28 min Scan# 3914
Delta R.T. 0.07 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Instrument :
BNA_G
ClientSampled :

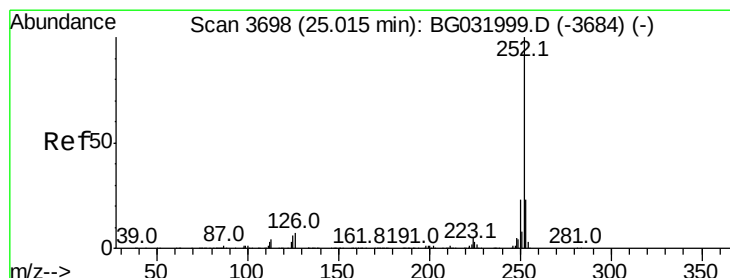
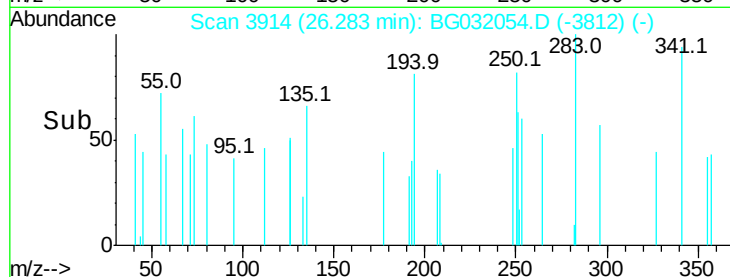
Tot Ion:264 Resp: 68
Ion Ratio Lower Upper
264 100
260 0.0 17.4 26.0#
265 0.0 17.7 26.5#



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

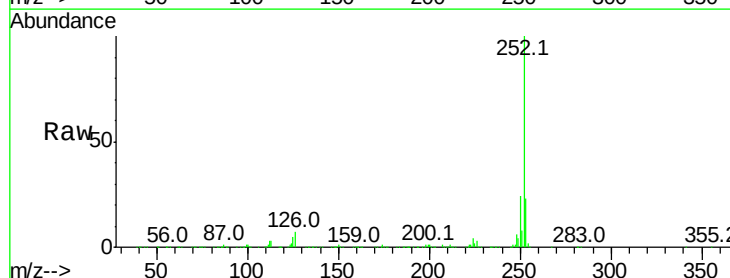


Time--> 26.26 26.28 26.30

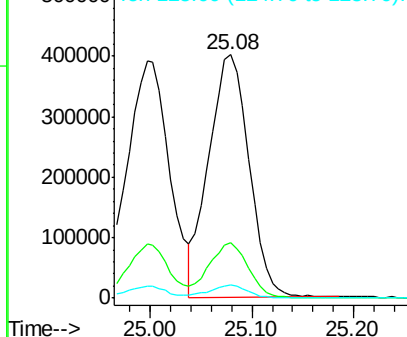


#87
Benzo(b)fluoranthene
Concen: 269565.960 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.06 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

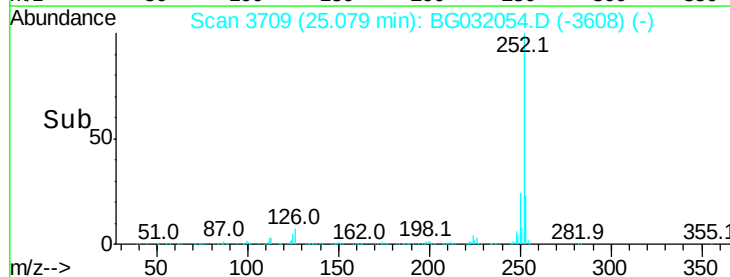
Tgt Ion:252 Resp: 1107977
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 5.2 7.2 10.8#

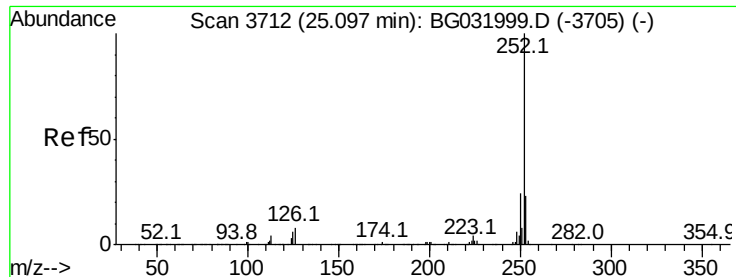


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 25.00 25.10 25.20

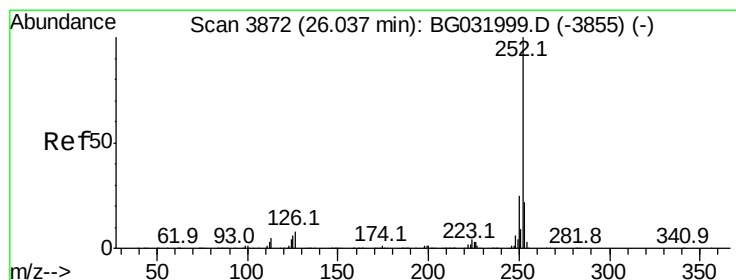
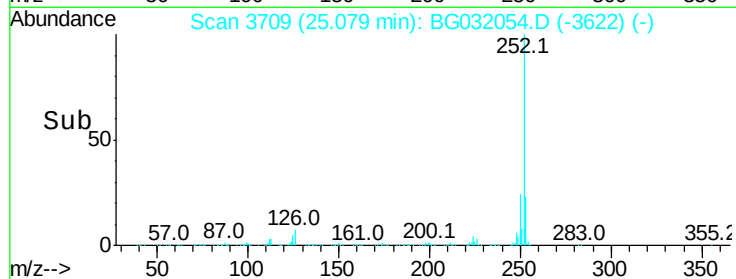
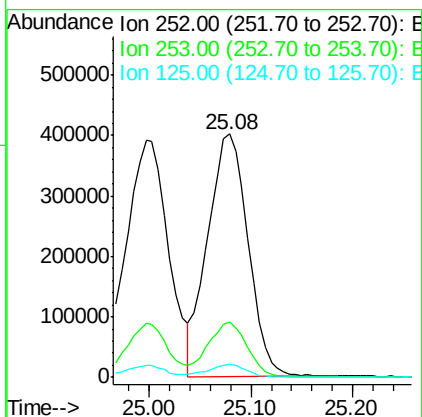
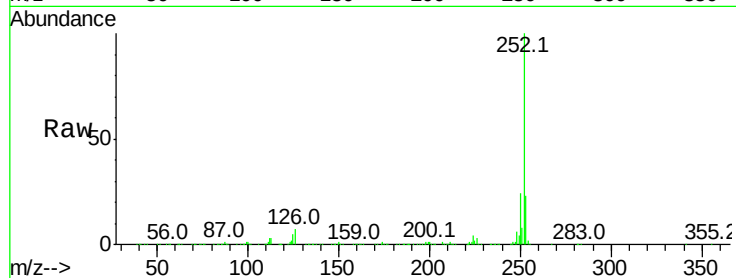




#88
Benzo(k)fluoranthene
Concen: 275865.806 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.02 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

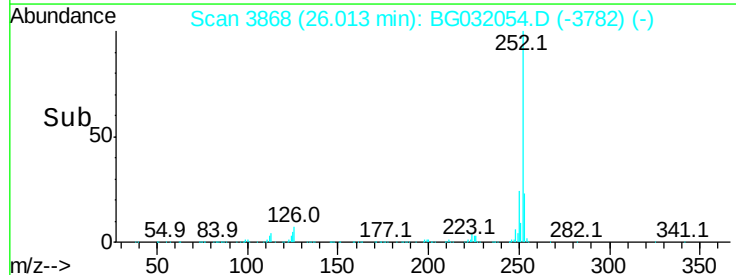
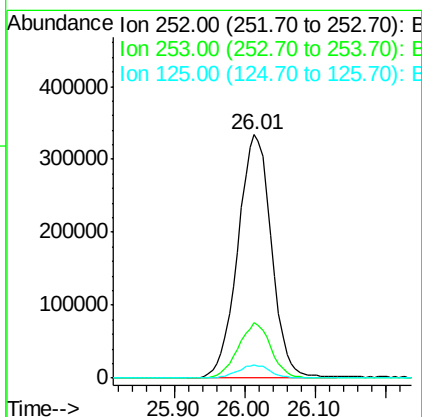
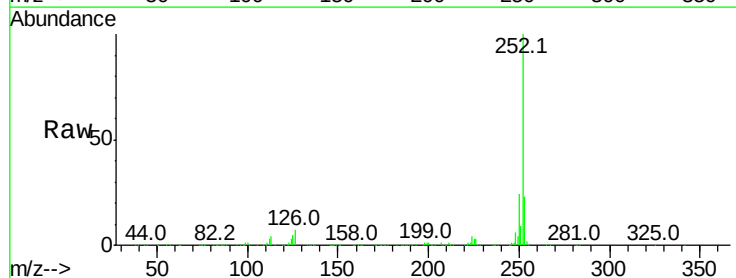
Instrument :
BNA_G
ClientSampleId :

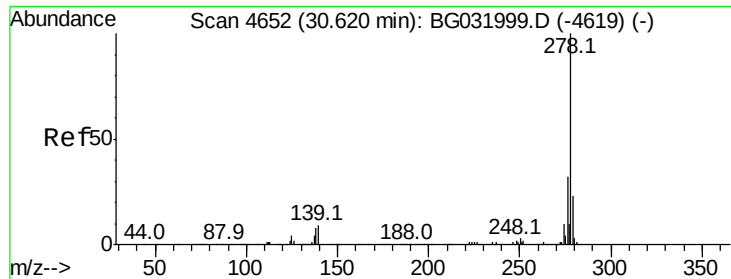
Tot Ion:252 Resp: 1107977
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 5.2 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 283848.649 ng
RT: 26.01 min Scan# 3868
Delta R.T. -0.02 min
Lab File: BG032054.D
Acq: 16 Jan 2018 5:28

Tgt Ion:252 Resp: 1103642
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 5.4 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 282110.801 ng

RT: 30.58 min Scan# 4646

Delta R.T. -0.04 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

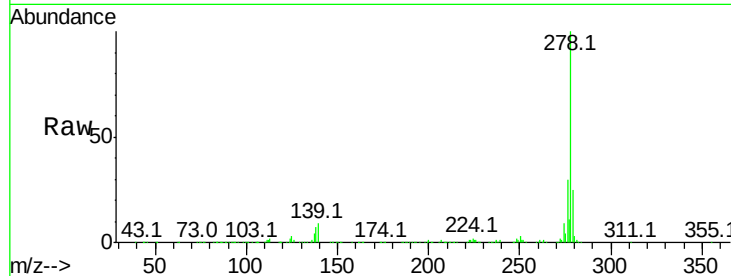
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1057003

Ion	Ratio	Lower	Upper
278	100		
139	9.0	9.8	14.6#
279	24.6	18.4	27.6

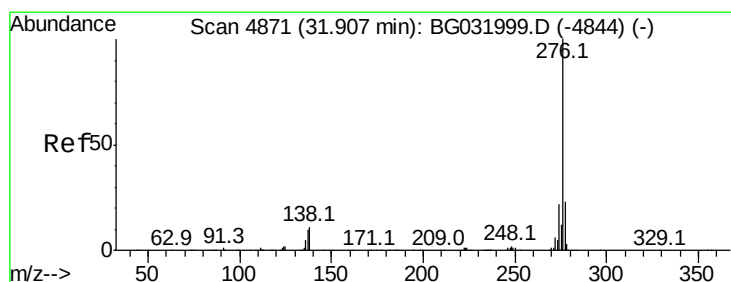
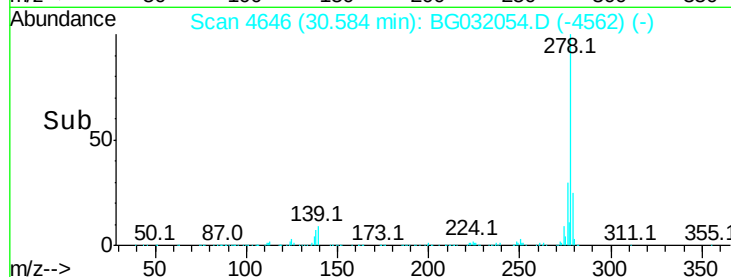
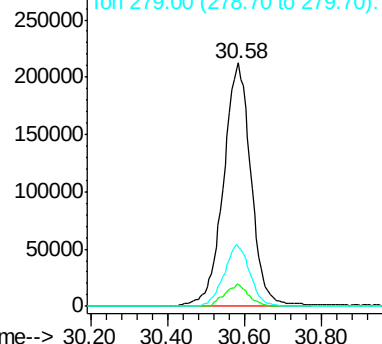


Abundance

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(g,h,i)perylene

Concen: 282814.711 ng

RT: 31.87 min Scan# 4864

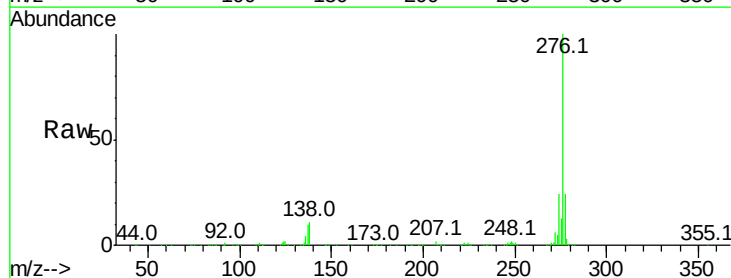
Delta R.T. -0.04 min

Lab File: BG032054.D

Acq: 16 Jan 2018 5:28

Tgt Ion:276 Resp: 1083047

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	10.7	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

