

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032053.D
 Acq On : 16 Jan 2018 4:51
 Operator : SJ/JU
 Sample : J1114-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Quant Time: Jan 16 06:28:39 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	11.27	136	1225	20.00	ng	-0.38
38) Acenaphthene-d10	14.83	164	63970	20.00	ng	-0.57
63) Phenanthrene-d10	17.50	188	158	20.00	ng	-0.64
75) Chrysene-d12	21.63	240	58	20.00	ng	-0.85
86) Perylene-d12	25.14	264	57	20.00	ng	-1.08

System Monitoring Compounds

5) 2-Fluorophenol	6.19	112	370781	0.00	ng	0.00
7) Phenol-d6	7.88	99	471693	0.00	ng	0.00
23) Nitrobenzene-d5	9.89	82	9795	540.96	ng	-0.09
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
22) Acetophenone	9.61	105	197927	7113.067	ng	# 90
24) Nitrobenzene	9.61	77	142761	7904.331	ng	# 44
25) Isophorone	9.96	82	274095	8129.640	ng	# 69
26) 2-Nitrophenol	10.53	139	5523	516.081	ng	# 78
27) 2,4-Dimethylphenol	10.77	122	147599	8691.180	ng	94
28) bis(2-Chloroethoxy)methane	11.01	93	152168	7490.989	ng	94
29) 2,4-Dichlorophenol	11.27	162	170887	8177.714	ng	92
30) 1,2,4-Trichlorobenzene	11.50	180	183316	6792.643	ng	97
31) Naphthalene	11.70	128	413203	6809.131	ng	99
32) Benzoic acid	10.77	122	147599	9653.123	ng	# 6
33) 4-Chloroaniline	11.28	127	2281	87.655	ng	94
34) Hexachlorobutadiene	11.97	225	124561	6426.080	ng	96
35) Caprolactam	12.54	113	54566	8607.256	ng	# 45
36) 4-Chloro-3-methylphenol	12.87	107	160263	8378.824	ng	# 84
37) 2-Methylnaphthalene	13.26	142	342691	7113.008	ng	93
43) 2,4,5-Trichlorophenol	13.84	196	168002	92.638	ng	# 93
46) 2-Chloronaphthalene	13.84	162	15596	3.656	ng	# 57
47) 2-Nitroaniline	13.88	65	1875	2.296	ng	# 14
49) Dimethylphthalate	14.29	163	44657	7.977	ng	# 1
50) 2,6-Dinitrotoluene	14.29	165	14070	12.109	ng	# 21
52) 3-Nitroaniline	14.48	138	121031	115.329	ng	# 42
53) 2,4-Dinitrophenol	15.23	184	61	7.059	ng	# 1
54) Dibenzofuran	15.06	168	57933	9.040	ng	# 52
55) 4-Nitrophenol	15.29	139	3588	4.691	ng	# 1
56) 2,4-Dinitrotoluene	14.96	165	122160	78.091	ng	# 64
57) Fluorene	15.92	166	40819	7.767	ng	# 4
61) 4-Nitroaniline	15.79	138	11660	11.583	ng	# 18
62) Azobenzene	16.18	77	18815	5.539	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.92	198	12041	10699.672	ng	# 29
65) n-Nitrosodiphenylamine	16.42	169	32479	6774.376	ng	99
66) 4-Bromophenyl-phenylether	16.87	248	28245	12564.207	ng	# 1
67) Hexachlorobenzene	17.18	284	63	25.330	ng	# 4
68) Atrazine	16.87	200	148	73.403	ng	# 1
70) Phenanthrene	17.54	178	515	58.544	ng	# 1

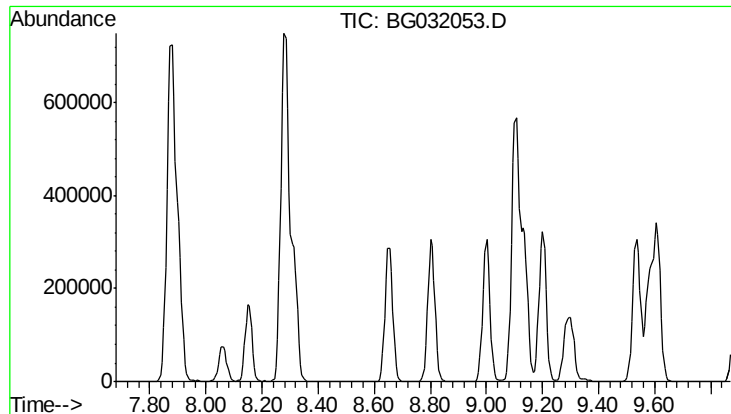
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	17.54	178	515	58.697	ng	# 1
72) Carbazole	17.77	167	113802	14951.938	ng	# 70
73) Di-n-butylphthalate	18.37	149	565	62.822	ng	# 78
76) Benzidine	19.43	184	157	108.249	ng	# 1
77) Pyrene	20.14	202	1162342	318790.878	ng	98
79) Butylbenzylphthalate	20.49	149	7681	5879.719	ng	# 25
80) Benzo(a)anthracene	21.64	228	62	17.189	ng	# 9
81) 3,3'-Dichlorobenzidine	21.42	252	421	312.443	ng	# 1
82) Chrysene	21.64	228	62	17.898	ng	# 8
83) Bis(2-ethylhexyl)phthalate	21.35	149	425281	222003.116	ng	# 51
85) Indeno(1,2,3-cd)pyrene	29.45	276	54	12.738	ng	# 53
87) Benzo(b)fluoranthene	24.15	252	160	46.440	ng	# 59
88) Benzo(k)fluoranthene	24.15	252	160	47.525	ng	# 60
89) Benzo(a)pyrene	24.99	252	1280168	392789.288	ng	# 97
90) Dibenzo(a,h)anthracene	29.41	278	64	20.378	ng	# 58
91) Benzo(g,h,i)perylene	30.50	276	1457327	453989.450	ng	# 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: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

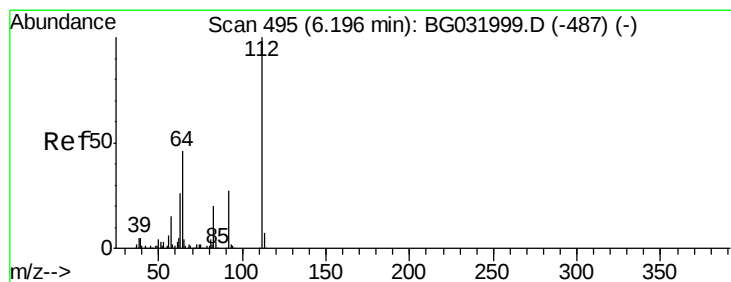
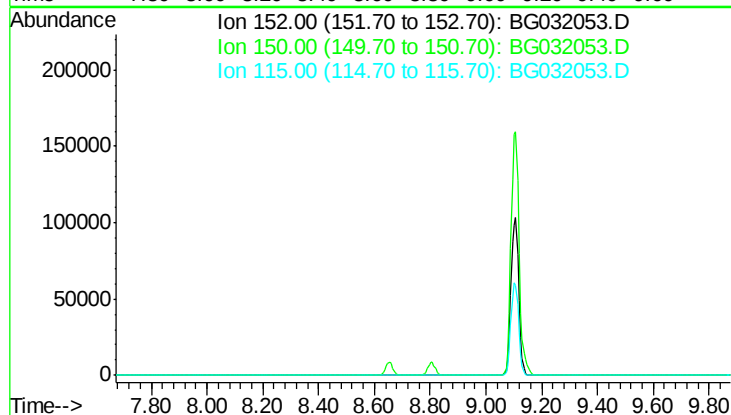
Tgt Ion: 152

Sig Exp Ratio

152 100

150 158.2

115 66.2



#5

2-Fluorophenol

Concen: 0.000 ng

RT: 6.19 min Scan# 494

Delta R.T. -0.00 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

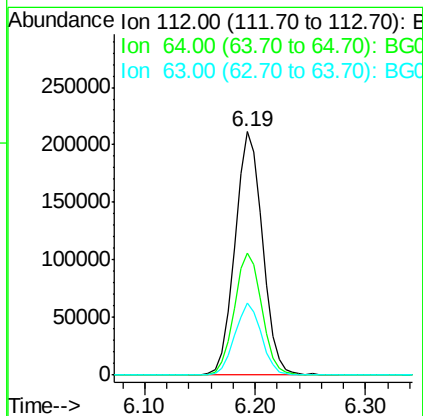
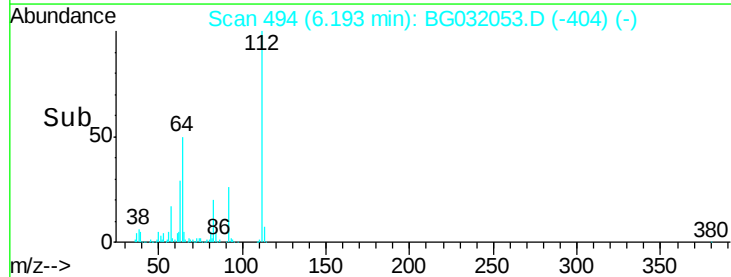
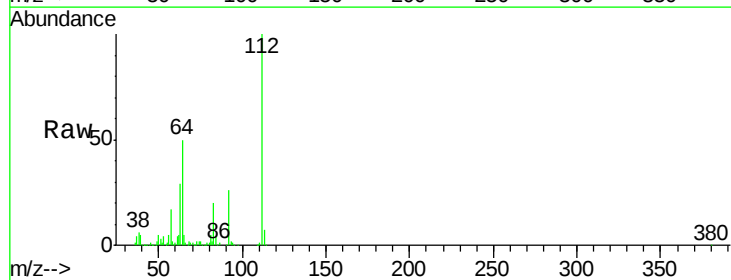
Tgt Ion: 112 Resp: 370781

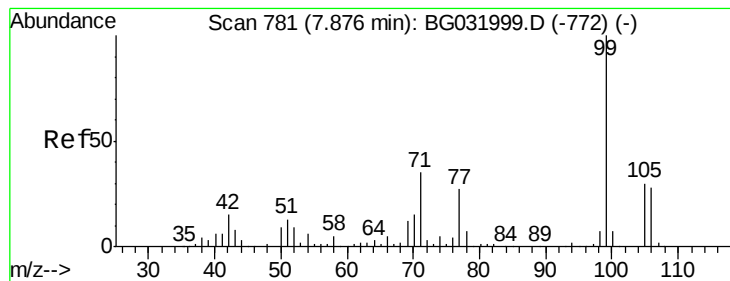
Ion Ratio Lower Upper

112 100

64 50.3 56.3 84.5#

63 29.4 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: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

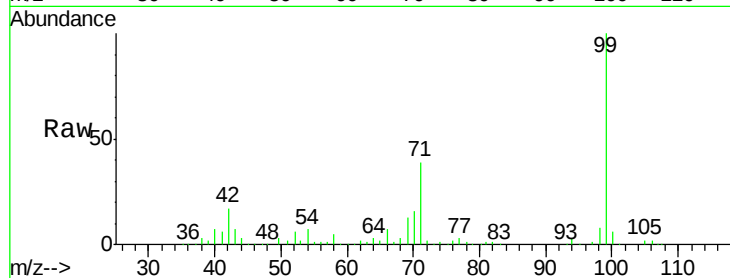
Tgt Ion: 99 Resp: 471693

Ion Ratio Lower Upper

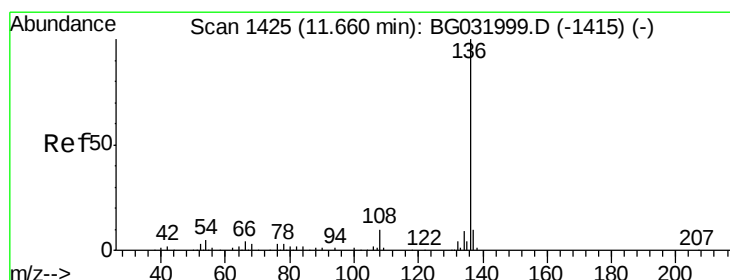
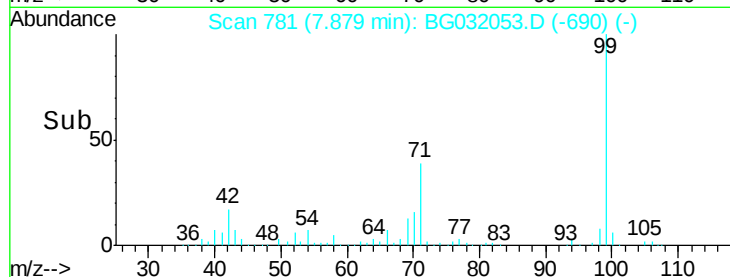
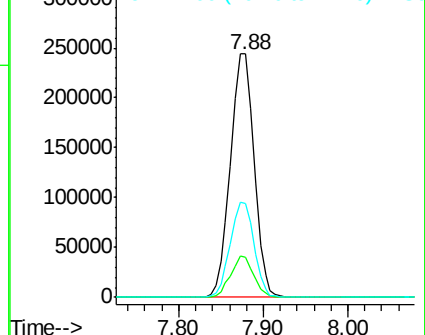
99 100

42 16.7 14.1 21.1

71 38.8 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: 11.27 min Scan# 1359

Delta R.T. -0.38 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Tgt Ion: 136 Resp: 1225

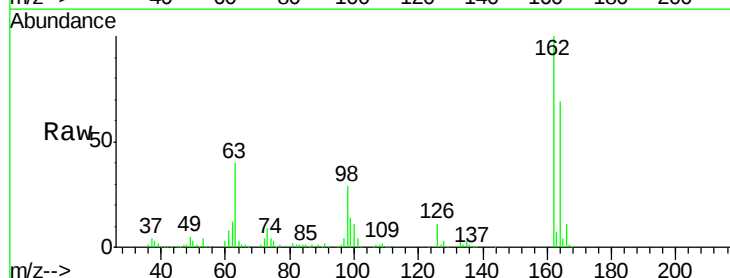
Ion Ratio Lower Upper

136 100

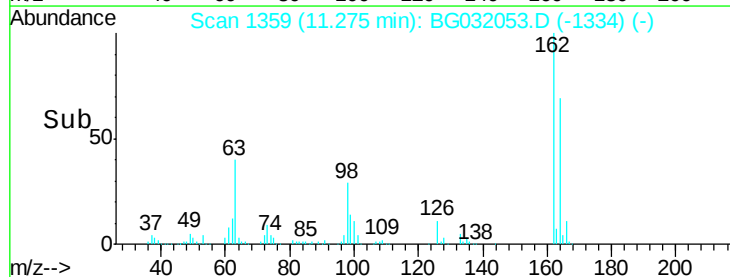
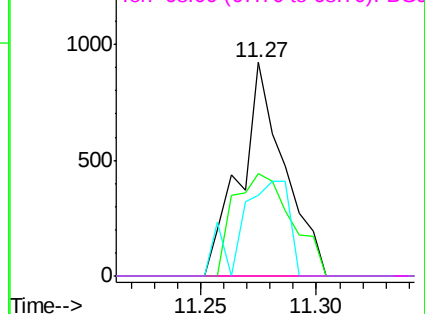
137 47.8 9.2 13.8#

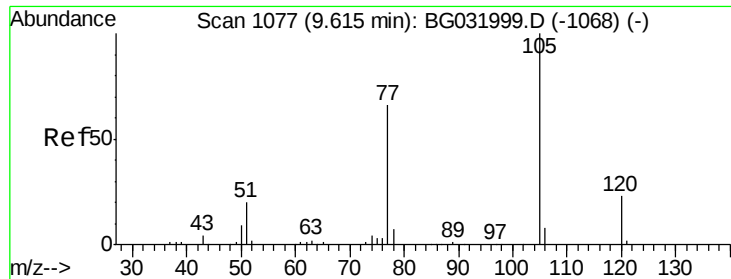
54 37.6 10.3 15.5#

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

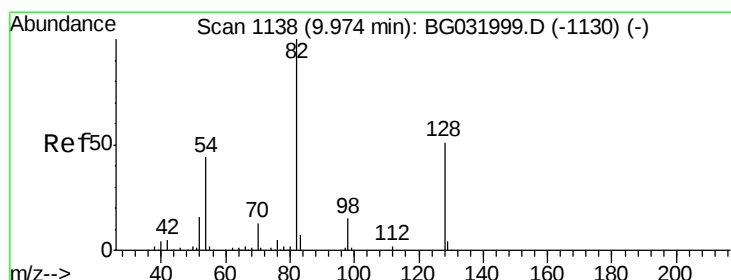
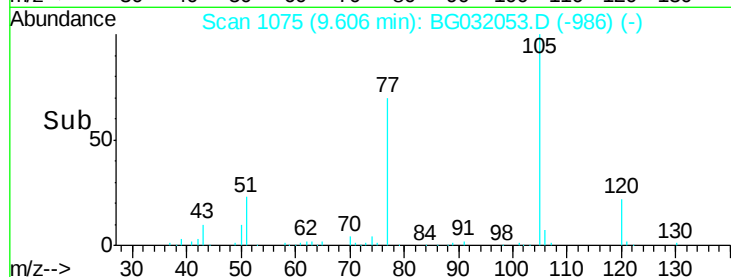
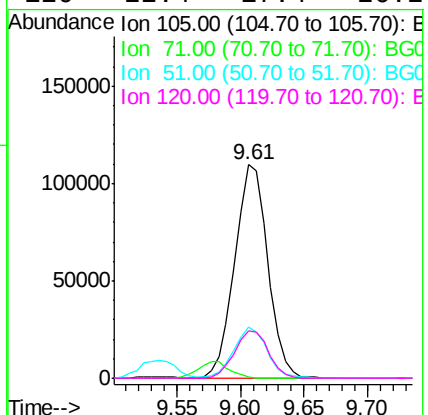
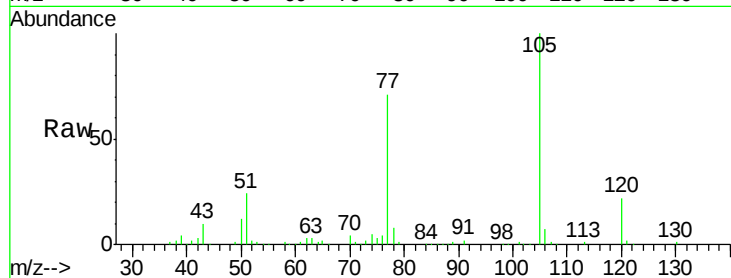




#22
Acetophenone
Concen: 7113.067 ng
RT: 9.61 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

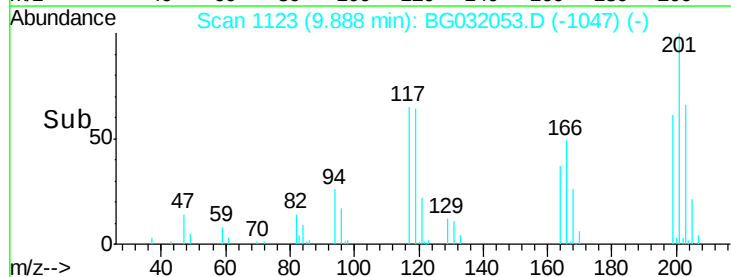
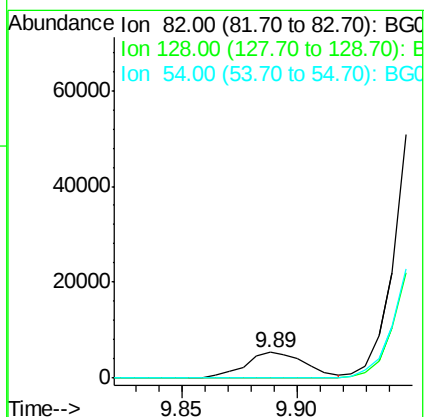
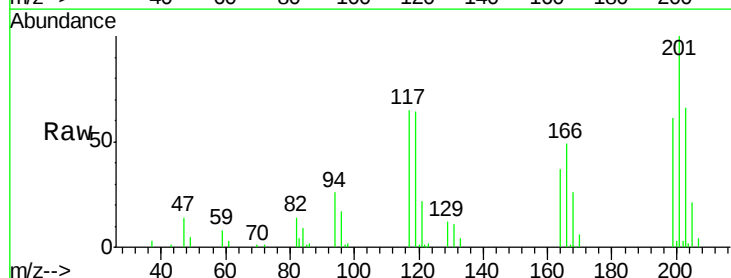
Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

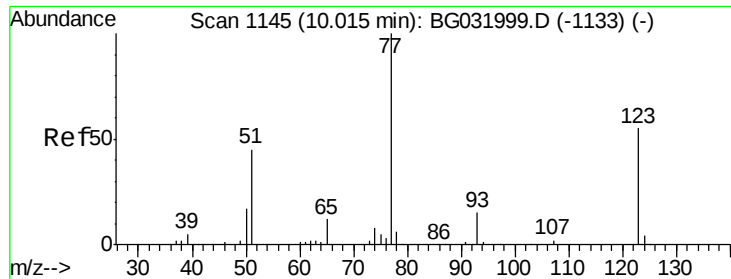
Tgt Ion: 105 Resp: 197927
Ion Ratio Lower Upper
105 100
71 0.6 3.0 4.4#
51 23.8 26.1 39.1#
120 22.4 17.4 26.2



#23
Nitrobenzene-d5
Concen: 540.958 ng
RT: 9.89 min Scan# 1123
Delta R.T. -0.09 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Tgt Ion: 82 Resp: 9795
Ion Ratio Lower Upper
82 100
128 0.0 29.7 44.5#
54 0.0 43.1 64.7#

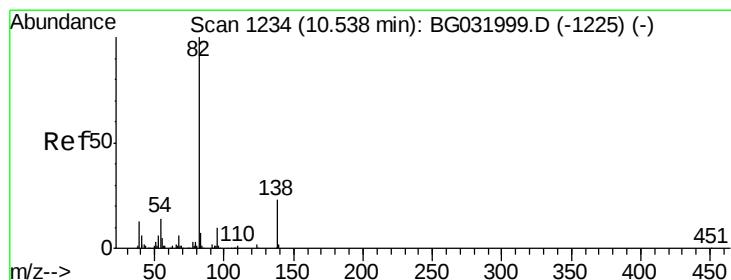
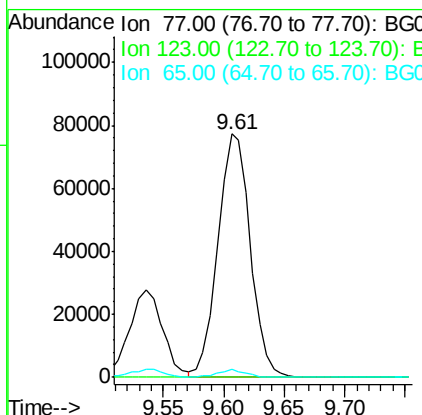
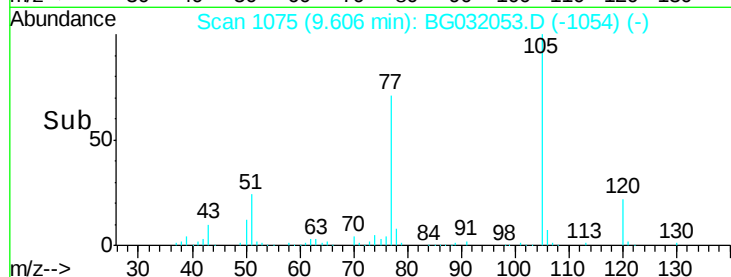
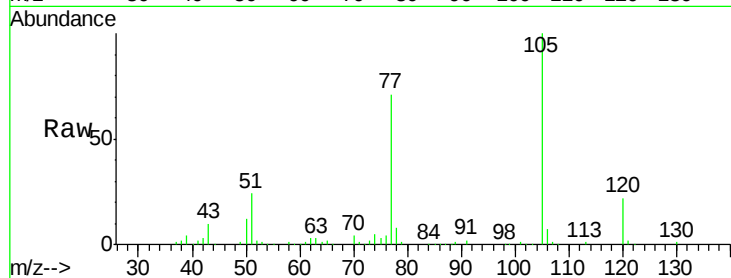




#24
 Nitrobenzene
 Concen: 7904.331 ng
 RT: 9.61 min Scan# 1075
 Delta R.T. -0.41 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

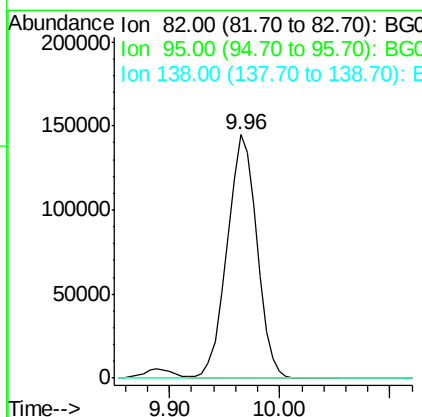
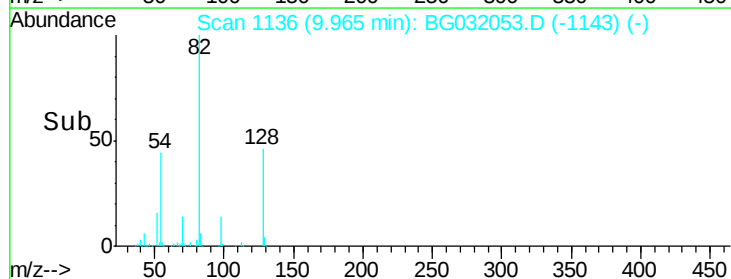
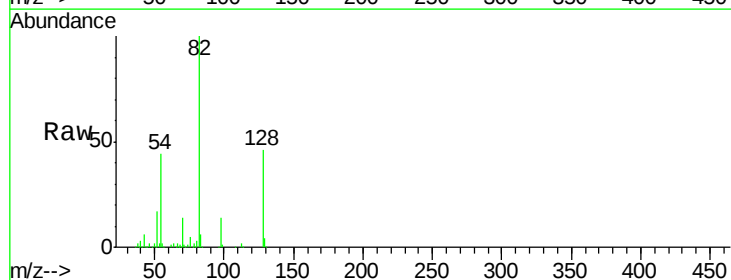
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

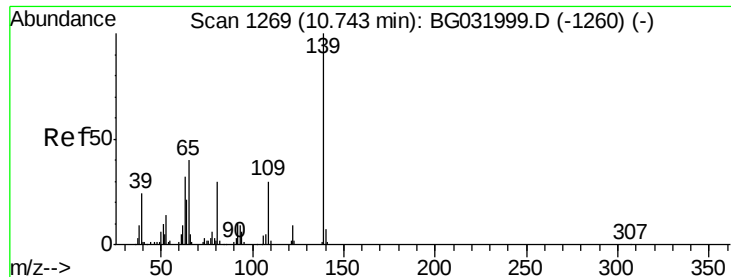
Tgt Ion: 77 Resp: 142761
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 3.1 13.0 19.6#



#25
 Isophorone
 Concen: 8129.640 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.57 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Tgt Ion: 82 Resp: 274095
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.2 9.2#
 138 0.0 12.1 18.1#

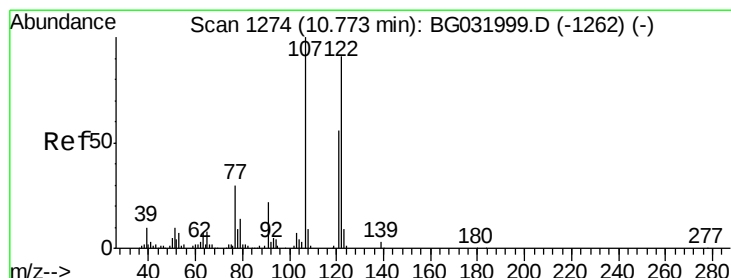
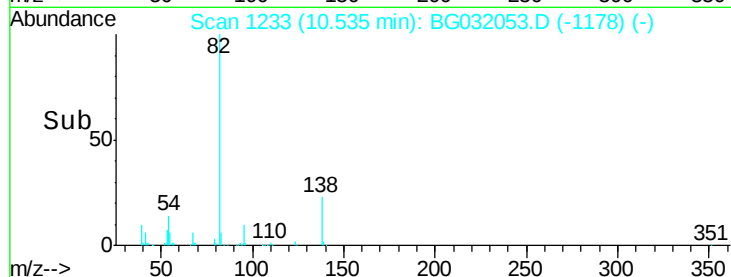
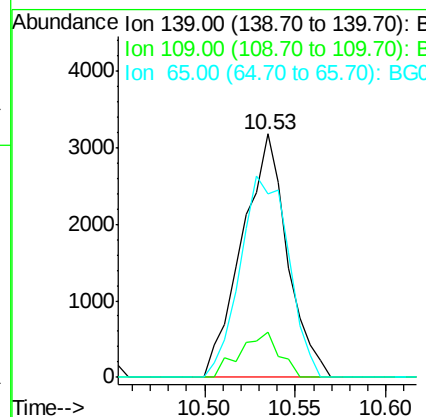
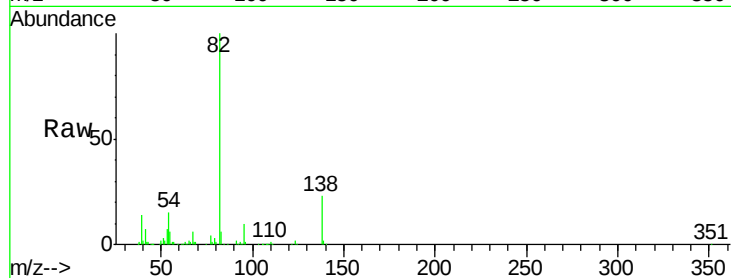




#26
2-Nitrophenol
Concen: 516.081 ng
RT: 10.53 min Scan# 1233
Delta R.T. -0.21 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

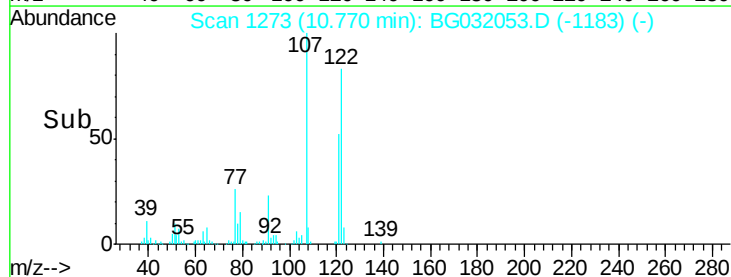
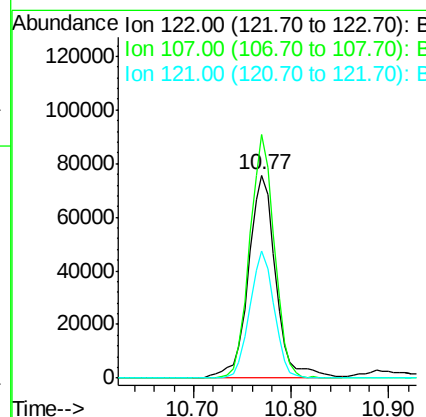
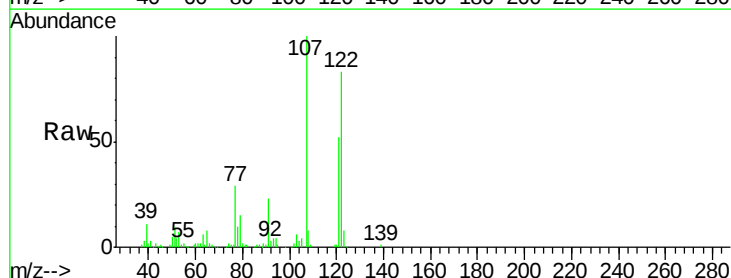
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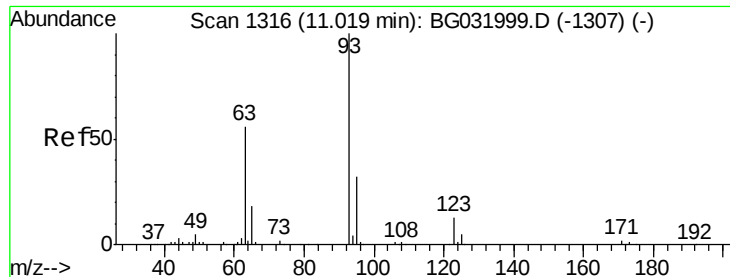
Tgt Ion:139 Resp: 5523
Ion Ratio Lower Upper
139 100
109 18.5 24.2 36.2#
65 75.4 47.4 71.0#



#27
2,4-Dimethylphenol
Concen: 8691.180 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Tgt Ion:122 Resp: 147599
Ion Ratio Lower Upper
122 100
107 119.9 100.2 150.2
121 62.7 44.4 66.6

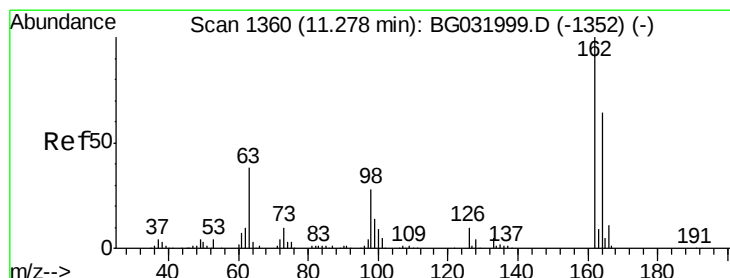
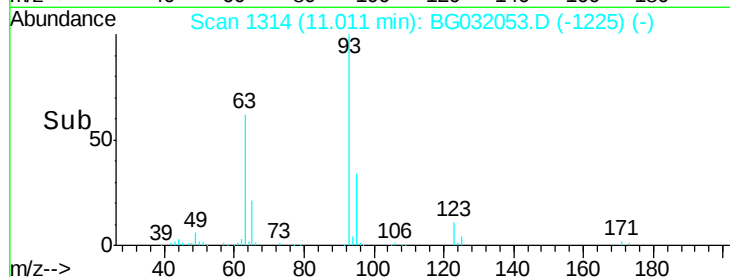
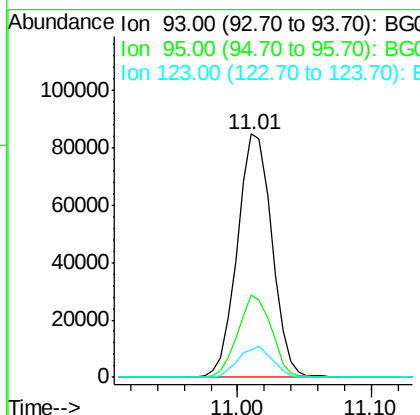
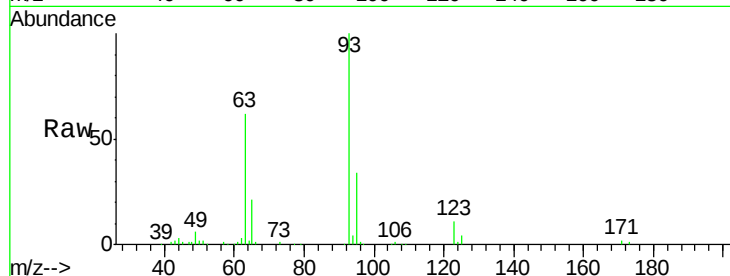




#28
 bis(2-Chloroethoxy)methane
 Concen: 7490.989 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

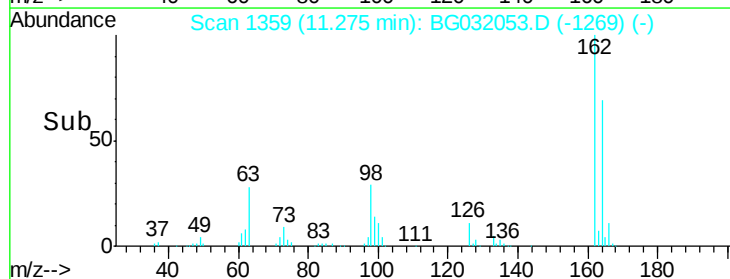
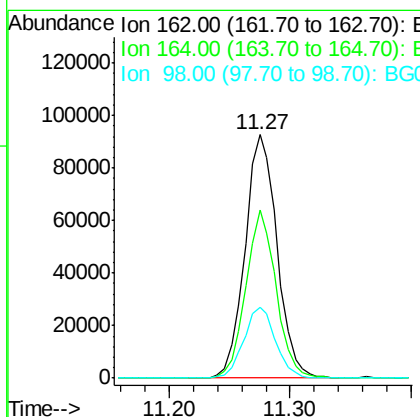
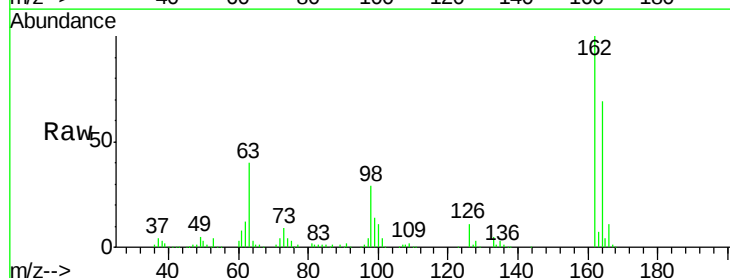
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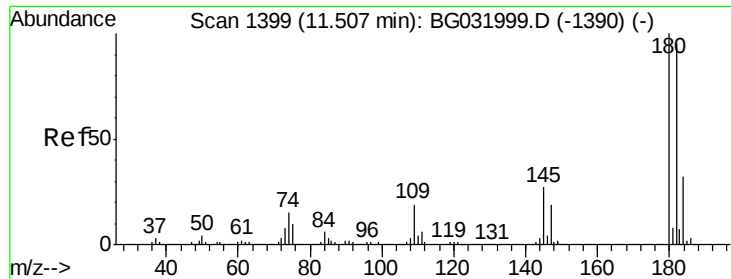
Tgt Ion: 93 Resp: 152168
 Ion Ratio Lower Upper
 93 100
 95 34.0 24.3 36.5
 123 11.4 8.4 12.6



#29
 2,4-Dichlorophenol
 Concen: 8177.714 ng
 RT: 11.27 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Tgt Ion: 162 Resp: 170887
 Ion Ratio Lower Upper
 162 100
 164 68.9 48.0 88.0
 98 29.3 21.1 61.1

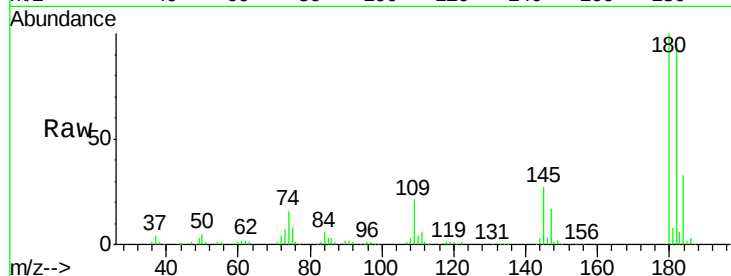




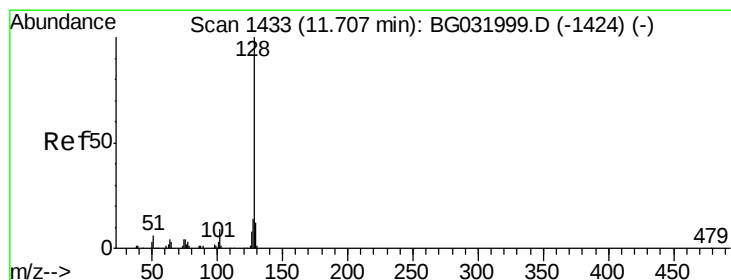
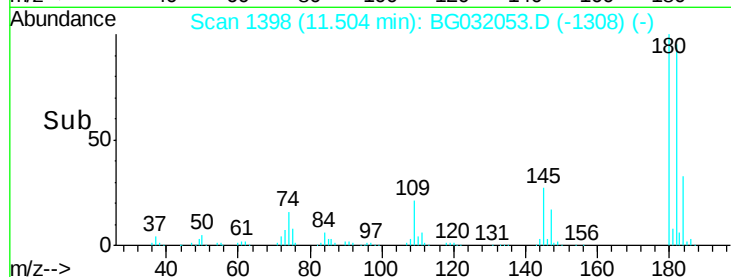
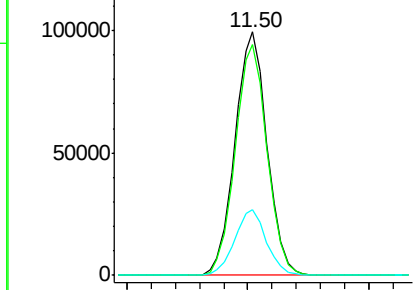
#30
 1,2,4-Trichlorobenzene
 Concen: 6792.643 ng
 RT: 11.50 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion:180 Resp: 183316
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.5 116.3
 145 27.1 23.4 35.2

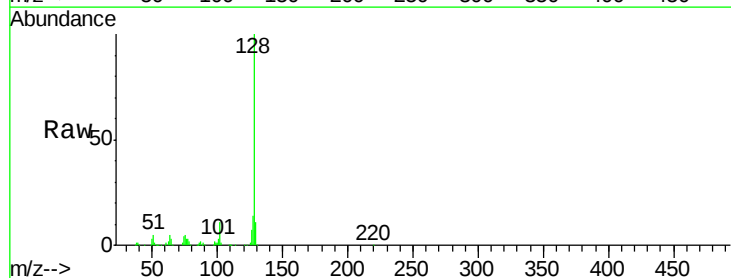


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

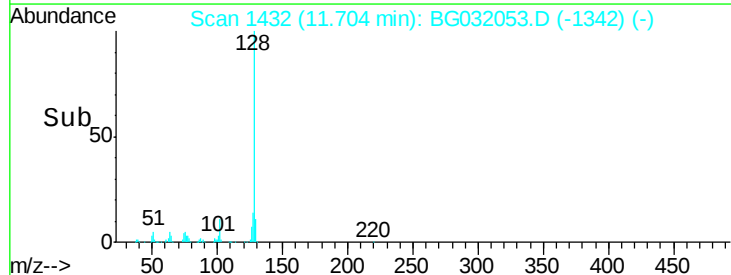
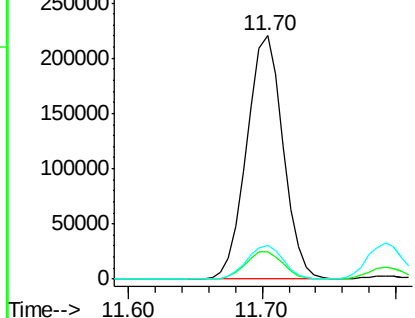


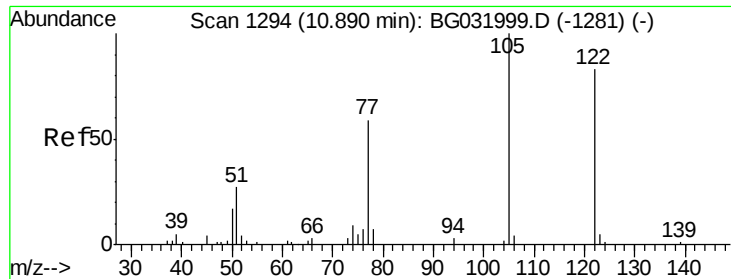
#31
 Naphthalene
 Concen: 6809.131 ng
 RT: 11.70 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Tgt Ion:128 Resp: 413203
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 13.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

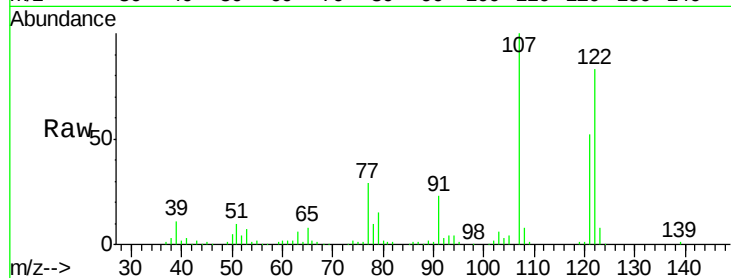




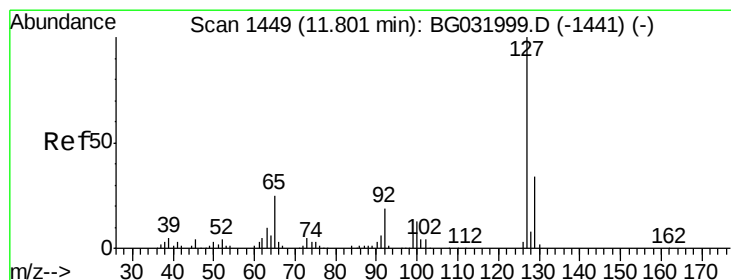
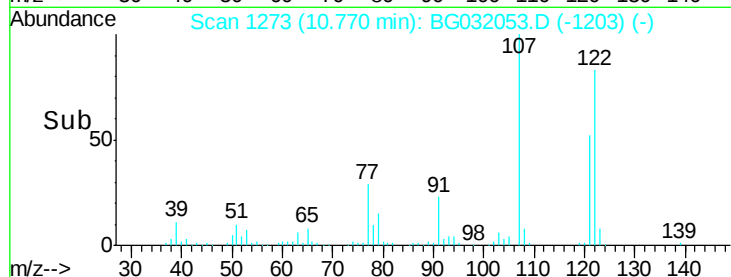
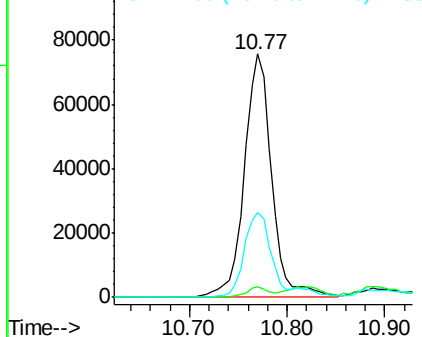
#32
Benzoic acid
Concen: 9653.123 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.12 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion:122 Resp: 147599
Ion Ratio Lower Upper
122 100
105 4.6 123.5 163.5#
77 34.8 85.7 125.7#



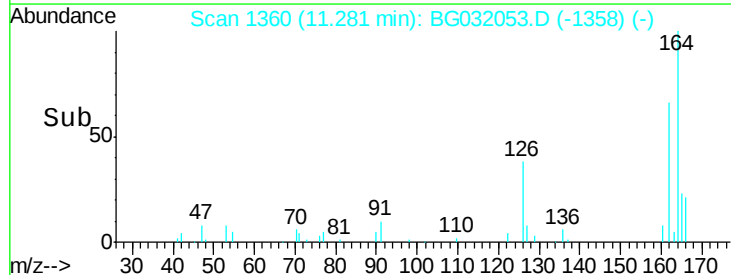
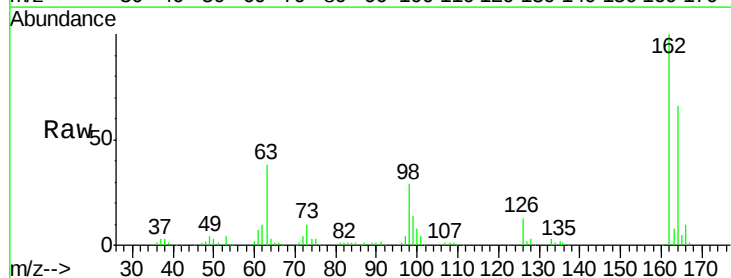
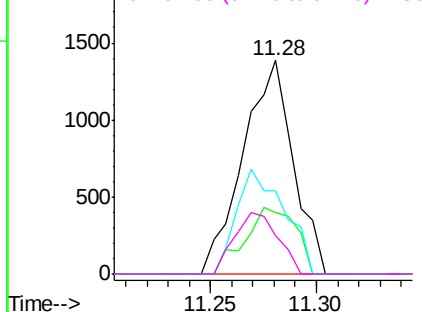
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

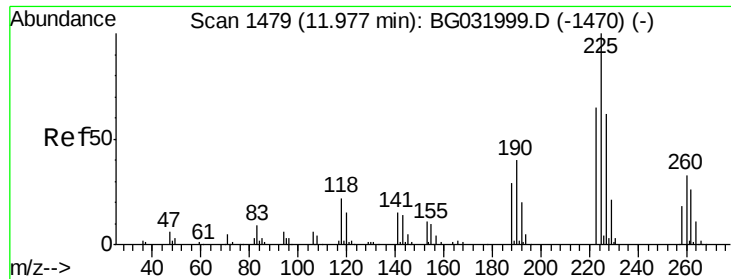


#33
4-Chloroaniline
Concen: 87.655 ng
RT: 11.28 min Scan# 1360
Delta R.T. -0.52 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Tgt Ion:127 Resp: 2281
Ion Ratio Lower Upper
127 100
129 28.6 24.0 36.0
65 38.9 27.0 40.4
92 17.7 16.6 25.0

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

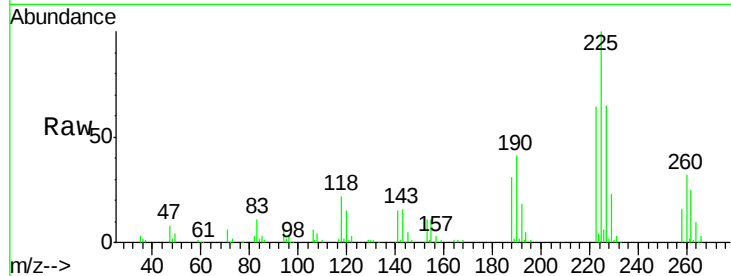




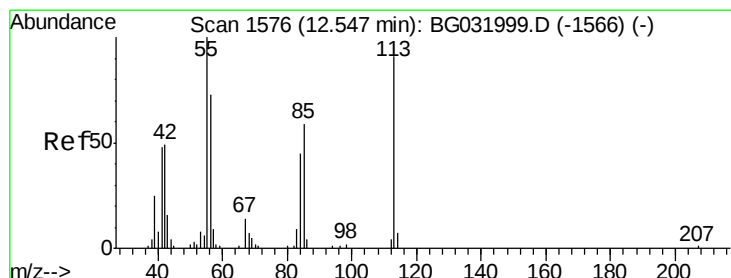
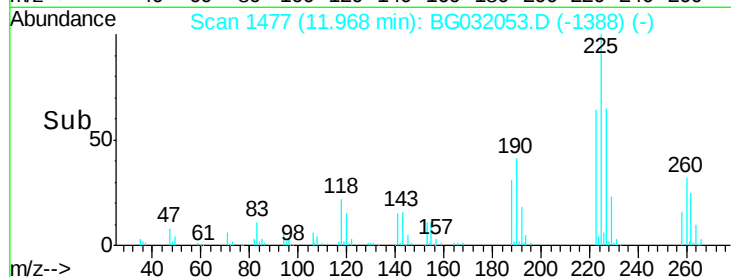
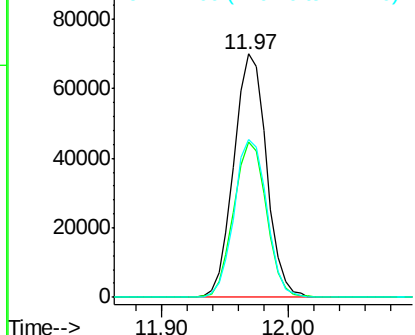
#34
Hexachlorobutadiene
Concen: 6426.080 ng
RT: 11.97 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion: 225 Resp: 124561
Ion Ratio Lower Upper
225 100
223 64.0 49.7 74.5
227 64.8 48.1 72.1

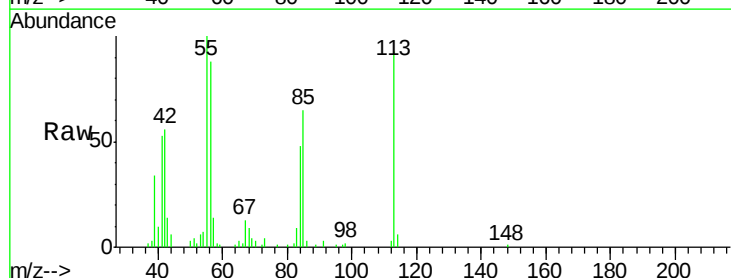


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

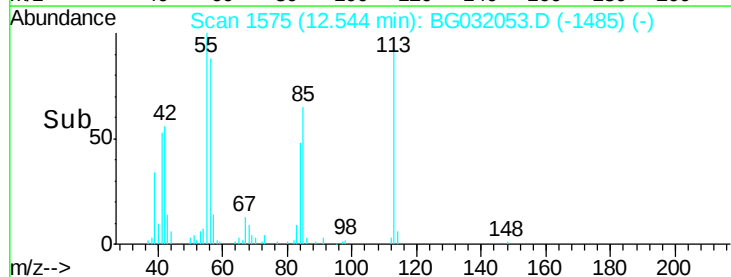
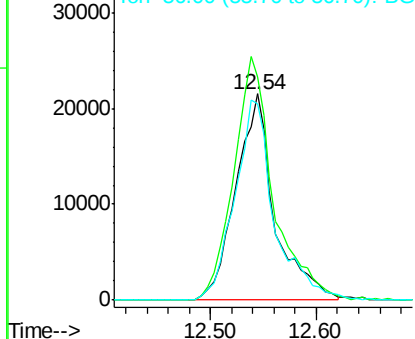


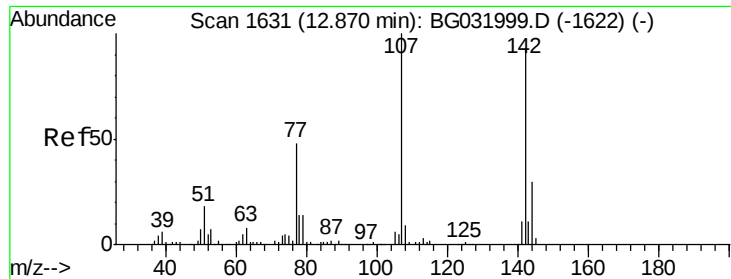
#35
Caprolactam
Concen: 8607.256 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Tgt Ion: 113 Resp: 54566
Ion Ratio Lower Upper
113 100
55 107.9 186.9 226.9#
56 95.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

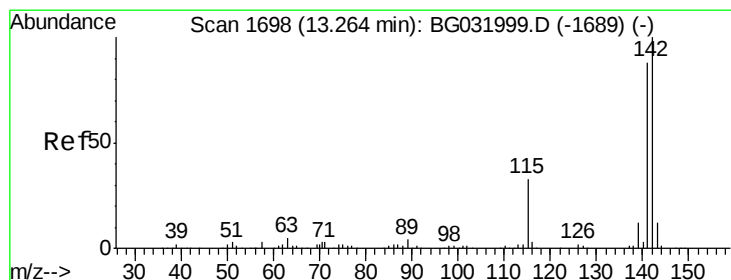
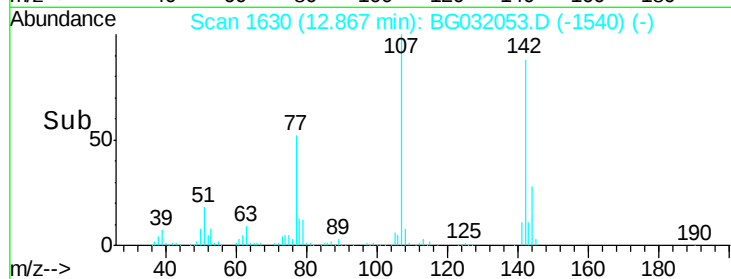
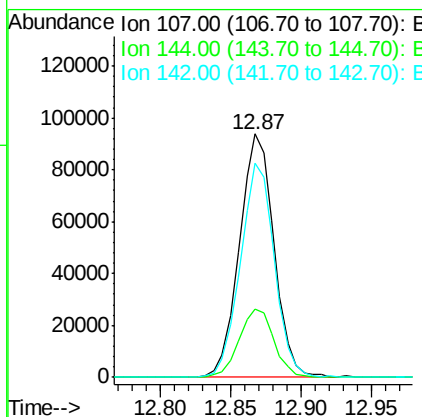
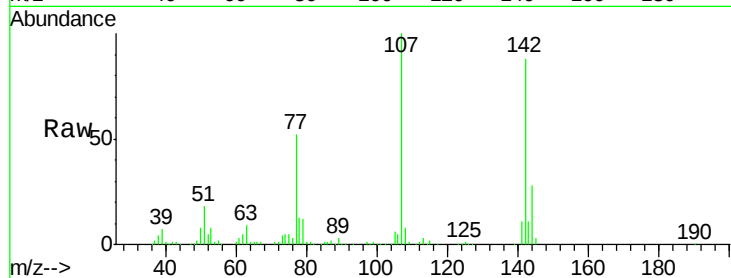




#36
 4-Chloro-3-methylphenol
 Concen: 8378.824 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

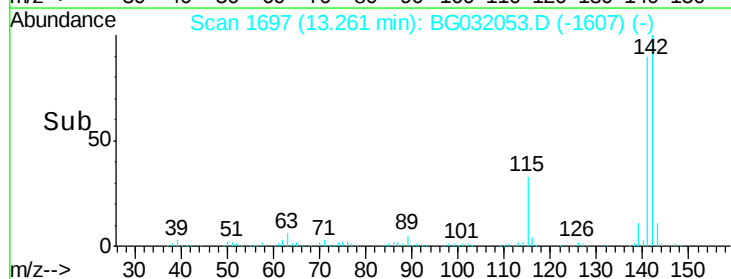
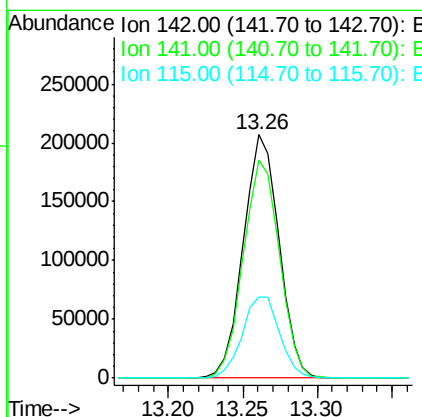
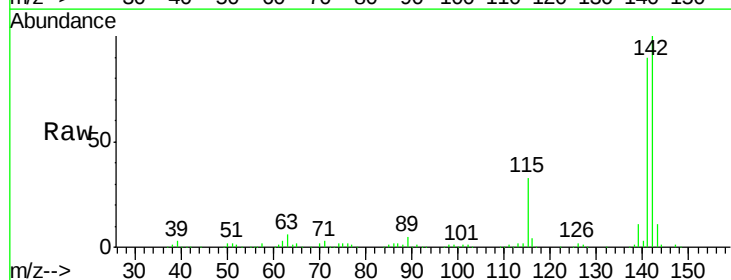
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

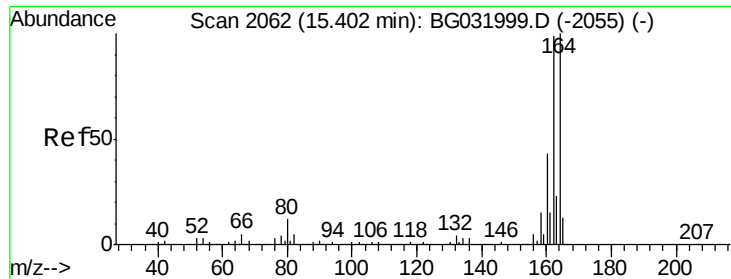
Tgt Ion:107 Resp: 160263
 Ion Ratio Lower Upper
 107 100
 144 28.0 18.2 27.4#
 142 88.1 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 7113.008 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Tgt Ion:142 Resp: 342691
 Ion Ratio Lower Upper
 142 100
 141 89.6 67.1 100.7
 115 33.2 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.57 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

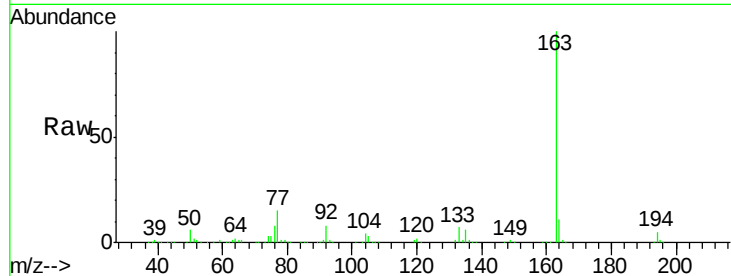
Tgt Ion:164 Resp: 63970

Ion Ratio Lower Upper

164 100

162 0.0 78.8 118.2#

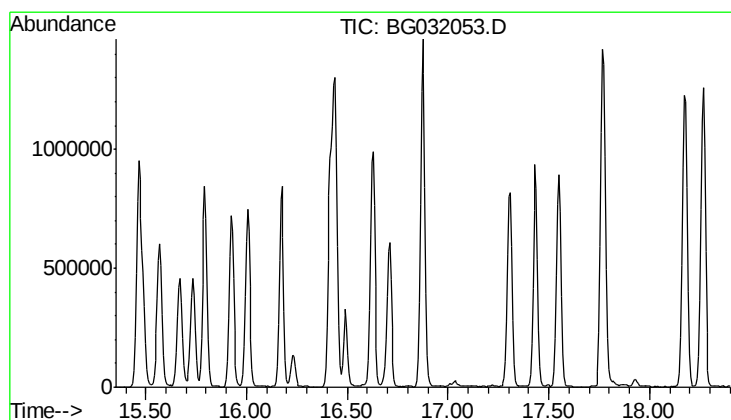
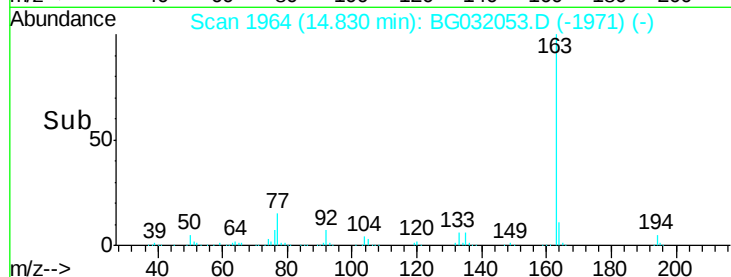
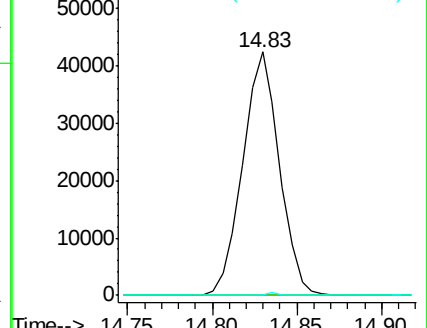
160 0.4 35.4 53.0#



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



#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.88 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

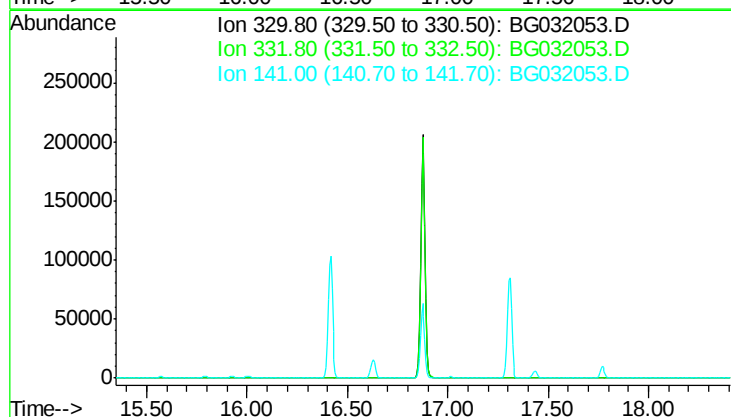
Tgt Ion: 330

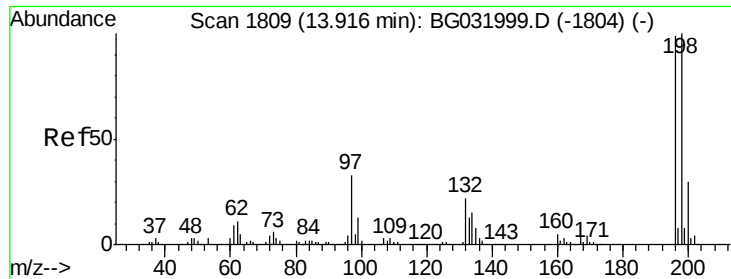
Sig Exp Ratio

330 100

332 96.3

141 31.5

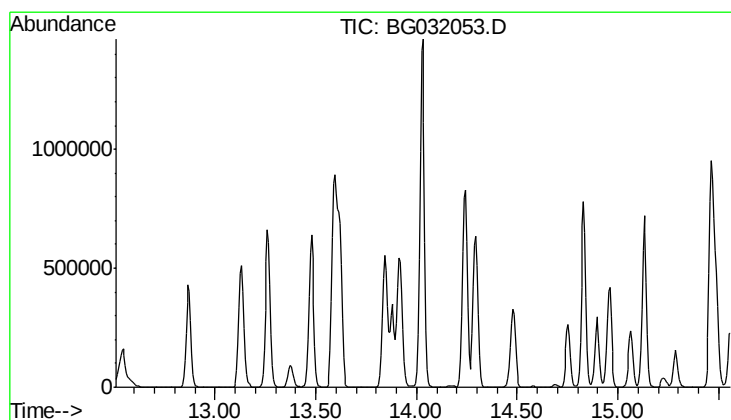
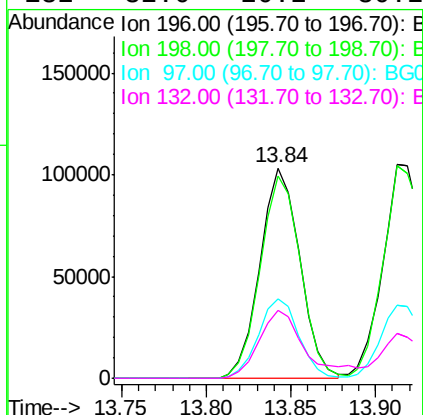
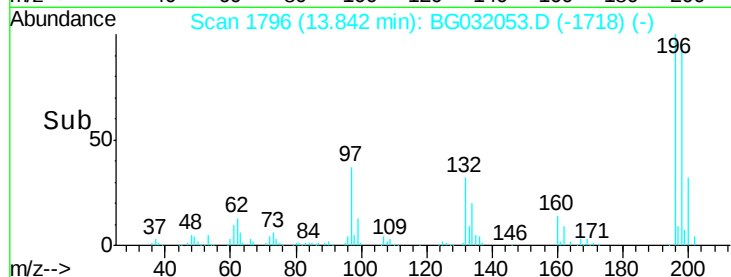
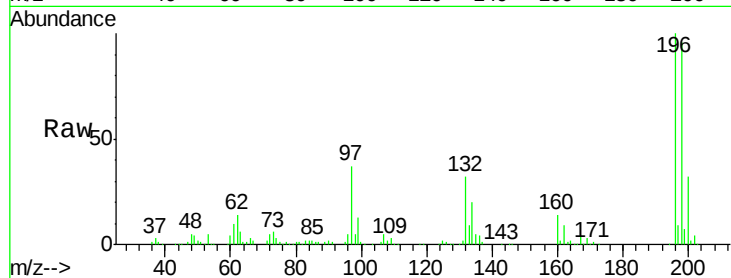




#43
 2,4,5-Trichlorophenol
 Concen: 92.638 ng
 RT: 13.84 min Scan# 1796
 Delta R.T. -0.07 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

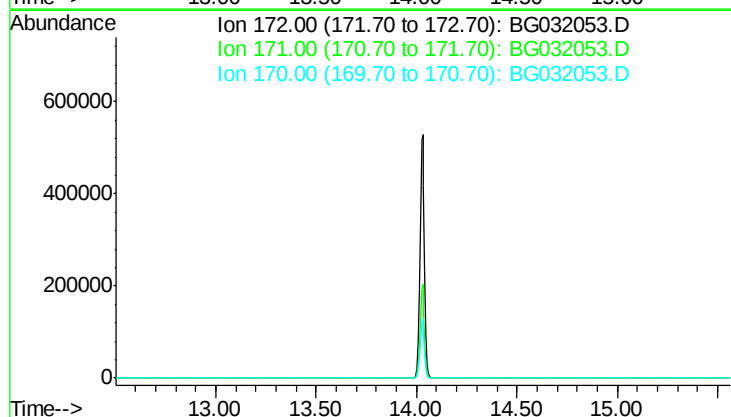
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.4
97	37.5	38.7	58.1#
132	32.0	20.2	30.2#

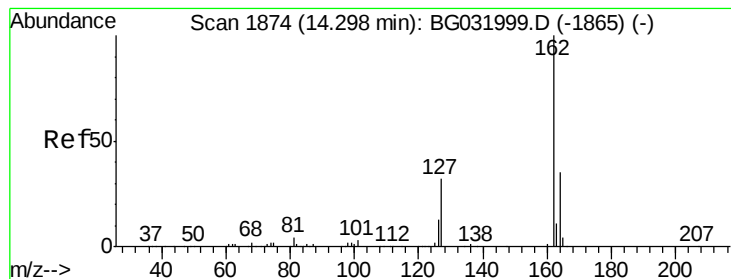


#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 14.03 min

Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Tgt Ion	Sig	Exp Ratio
172	100	
171	37.5	
170	24.4	





#46

2-Chloronaphthalene

Concen: 3.656 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.46 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

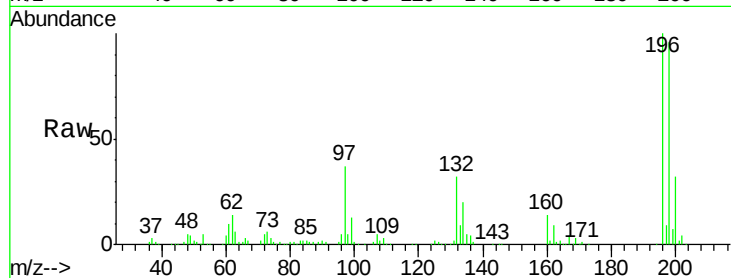
Tgt Ion: 162 Resp: 15596

Ion Ratio Lower Upper

162 100

127 5.3 30.7 46.1#

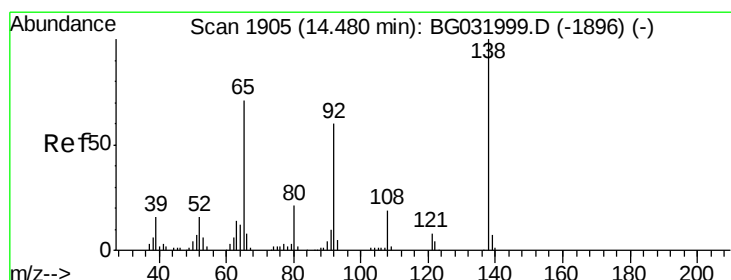
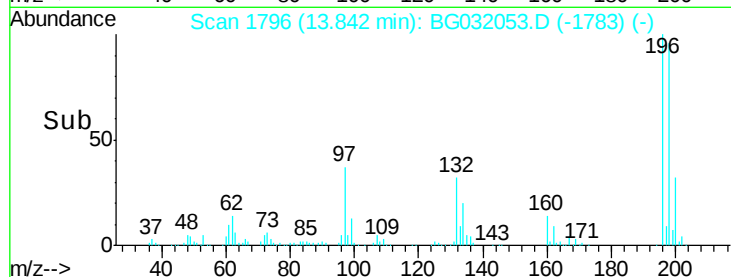
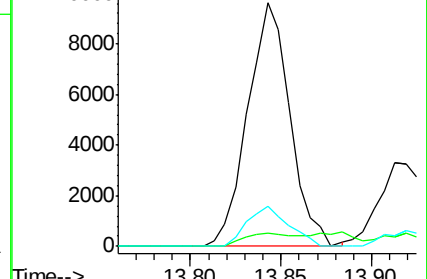
164 16.4 26.0 39.0#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 2.296 ng

RT: 13.88 min Scan# 1803

Delta R.T. -0.60 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

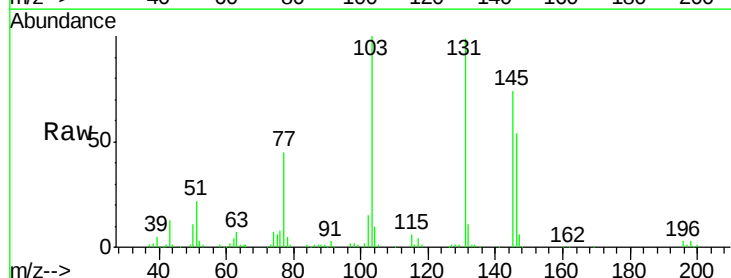
Tgt Ion: 65 Resp: 1875

Ion Ratio Lower Upper

65 100

92 10.4 54.6 82.0#

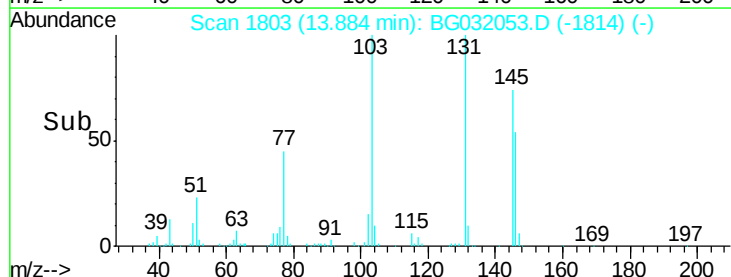
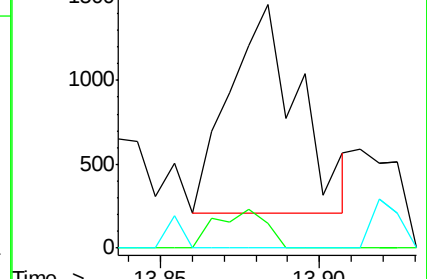
138 0.0 72.9 109.3#

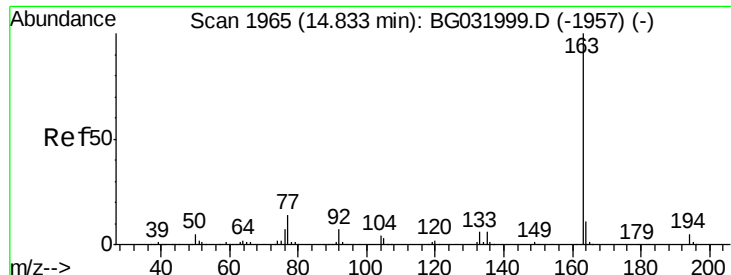


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 7.977 ng

RT: 14.29 min Scan# 1873

Delta R.T. -0.54 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

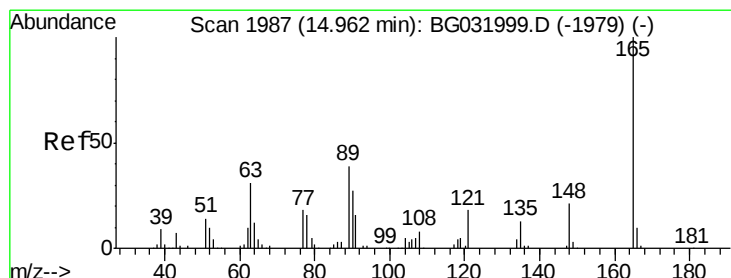
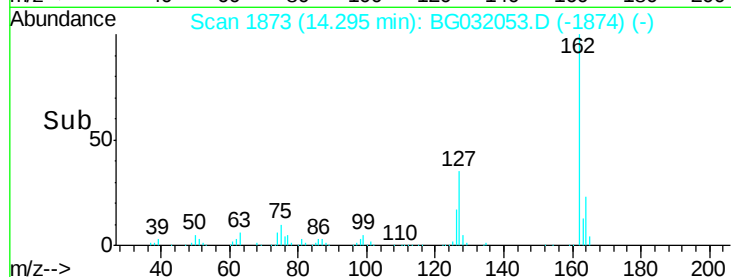
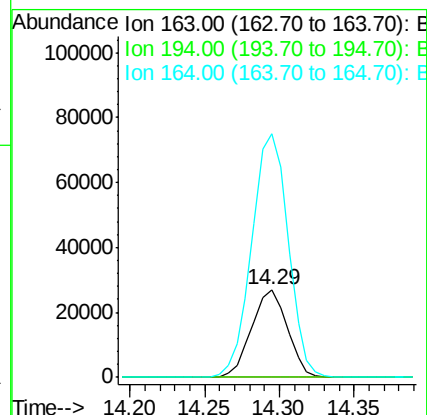
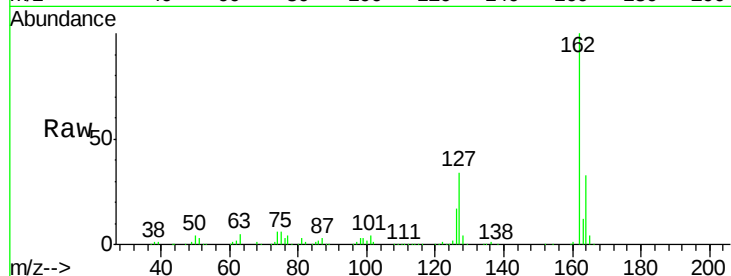
Tgt Ion:163 Resp: 44657

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

164 278.0 8.2 12.4#



#50

2,6-Dinitrotoluene

Concen: 12.109 ng

RT: 14.29 min Scan# 1873

Delta R.T. -0.67 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

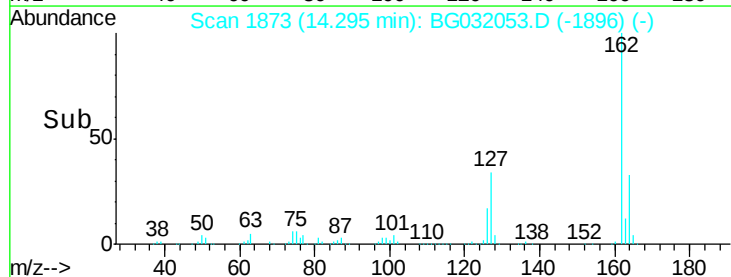
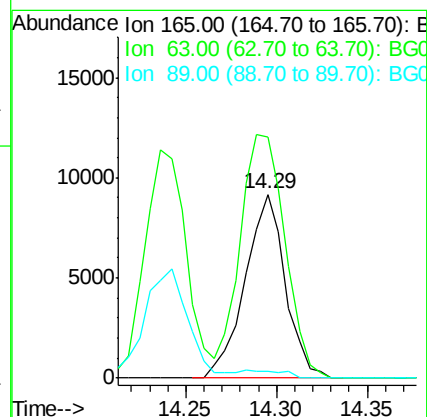
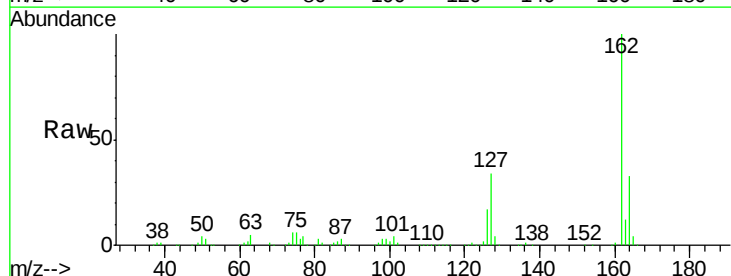
Tgt Ion:165 Resp: 14070

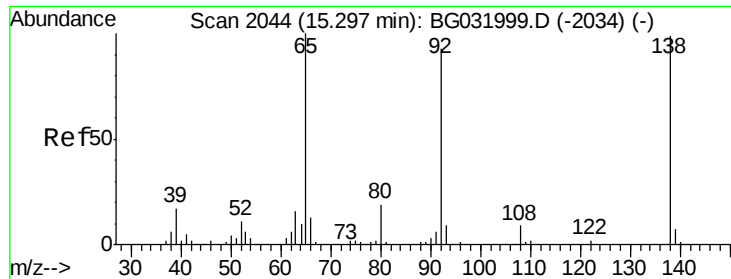
Ion Ratio Lower Upper

165 100

63 131.4 52.7 79.1#

89 3.4 49.2 73.8#

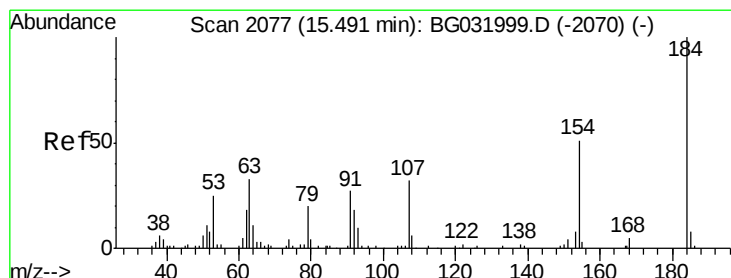
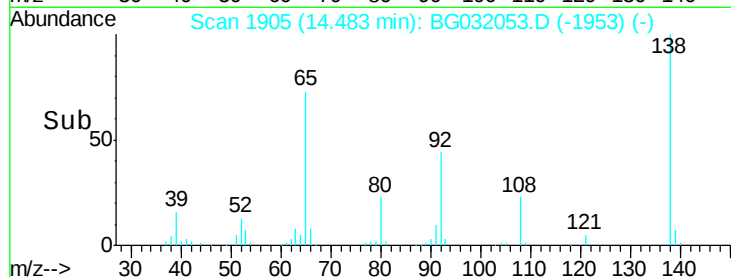
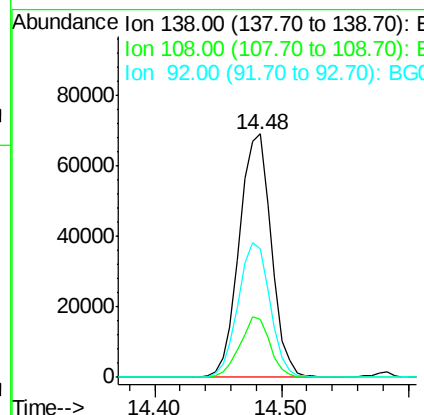
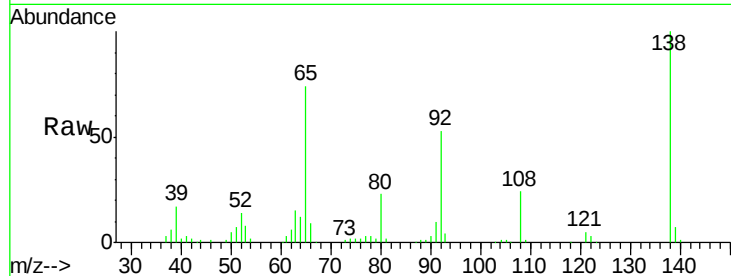




#52
 3-Nitroaniline
 Concen: 115.329 ng
 RT: 14.48 min Scan# 1905
 Delta R.T. -0.81 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

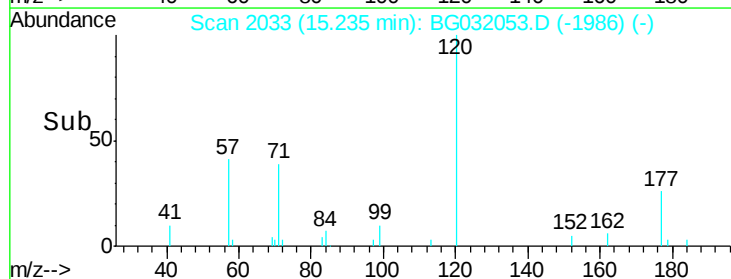
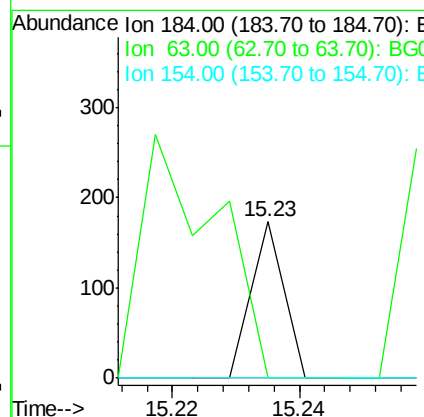
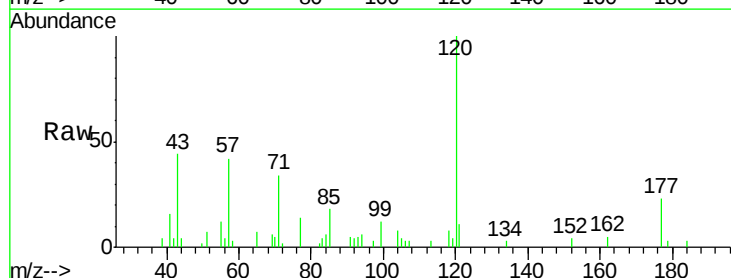
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

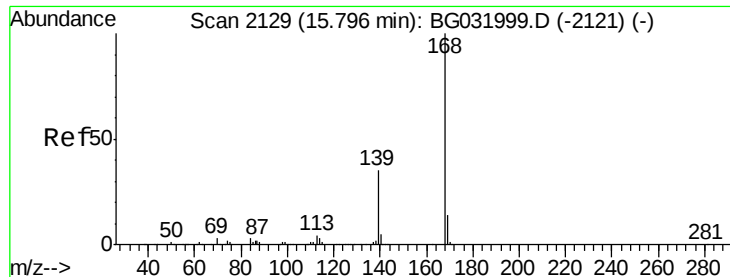
Tgt Ion:138 Resp: 121031
 Ion Ratio Lower Upper
 138 100
 108 23.8 17.5 26.3
 92 52.9 105.8 158.8#



#53
 2,4-Dinitrophenol
 Concen: 7.059 ng
 RT: 15.23 min Scan# 2033
 Delta R.T. -0.26 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Tgt Ion:184 Resp: 61
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#





#54

Dibenzenofuran

Concen: 9.040 ng

RT: 15.06 min Scan# 2004

Delta R.T. -0.73 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

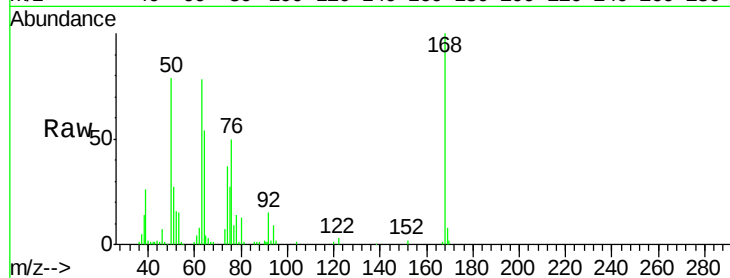
Tgt Ion:168 Resp: 57933

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

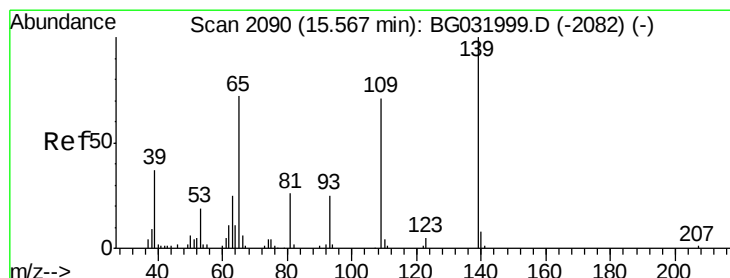
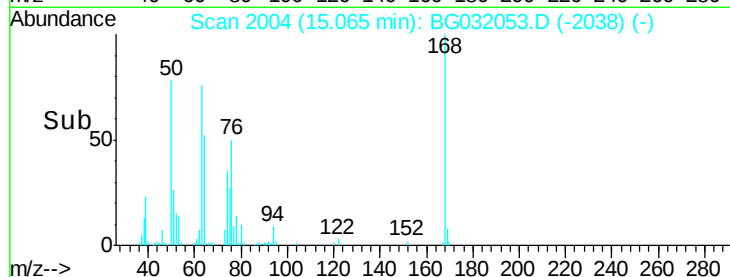
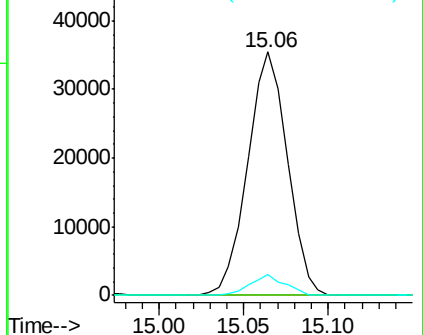
169 8.4 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 4.691 ng

RT: 15.29 min Scan# 2042

Delta R.T. -0.28 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

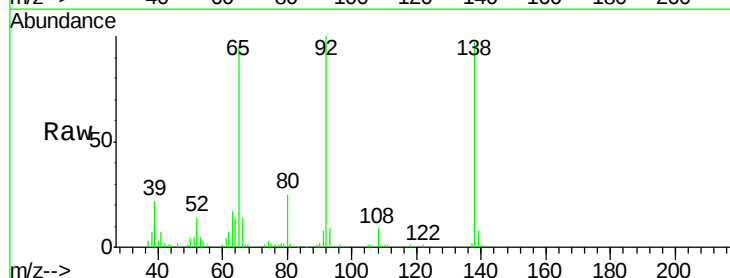
Tgt Ion:139 Resp: 3588

Ion Ratio Lower Upper

139 100

109 10.5 62.2 102.2#

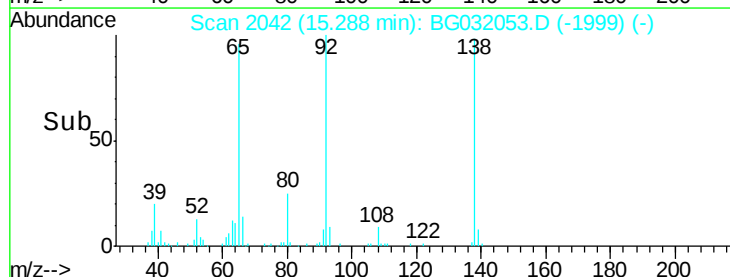
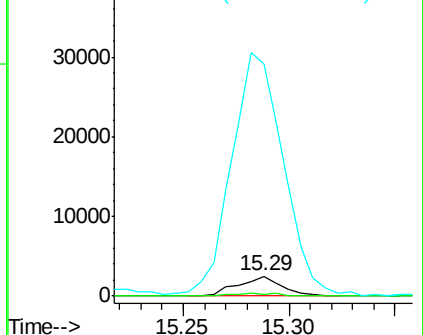
65 1184.1 97.2 137.2#

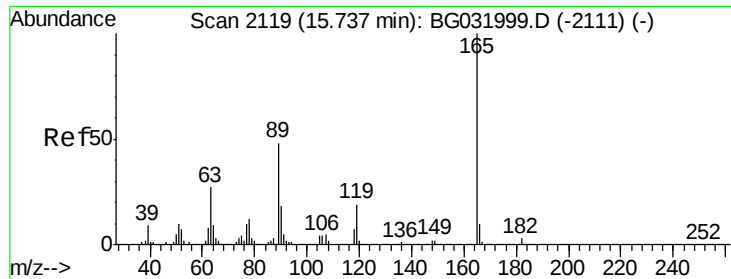


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

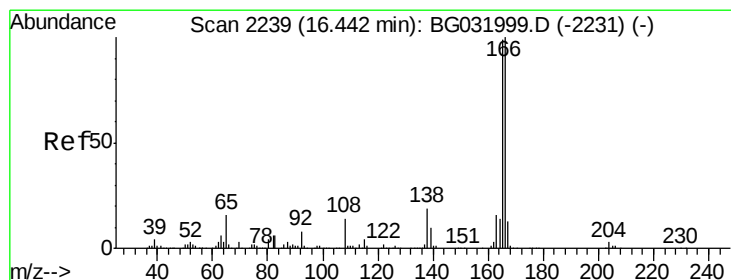
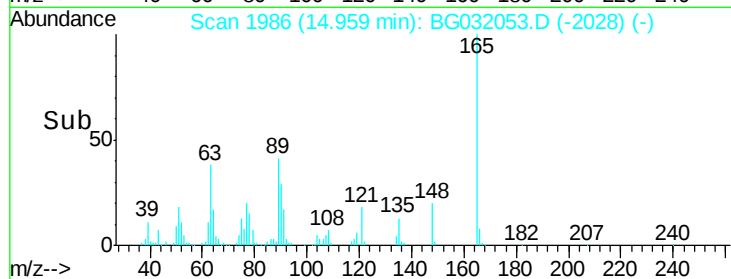
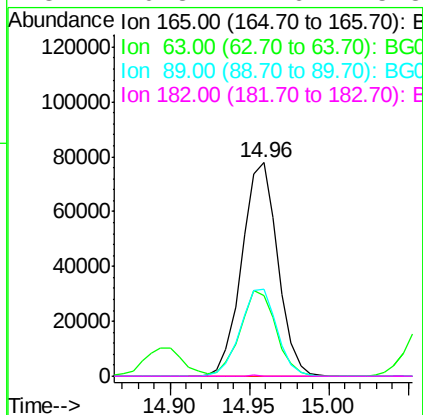
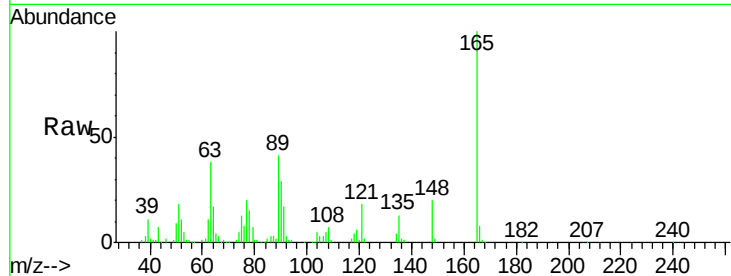




#56
 2,4-Dinitrotoluene
 Concen: 78.091 ng
 RT: 14.96 min Scan# 1986
 Delta R.T. -0.78 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

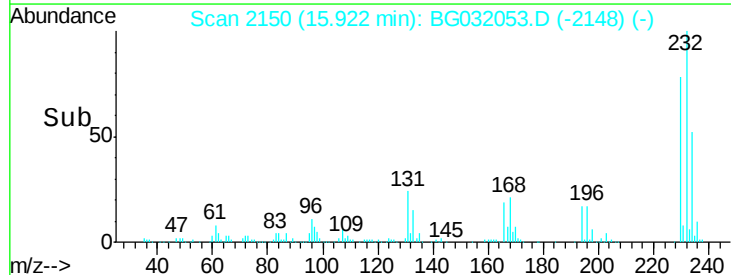
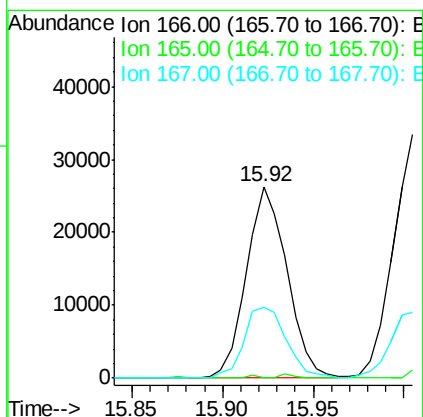
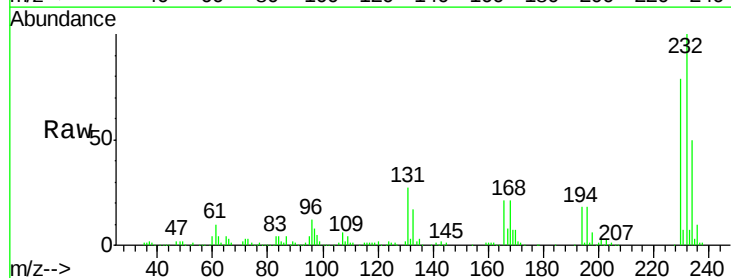
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

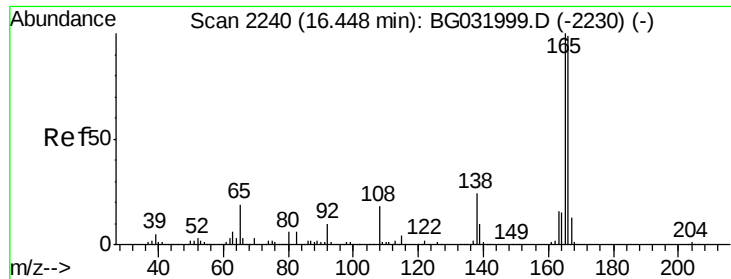
Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.6	42.0	63.0#
89	40.9	66.9	100.3#
182	0.3	2.6	3.8#



#57
 Fluorene
 Concen: 7.767 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.52 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.6	121.0#
167	37.3	10.4	15.6#

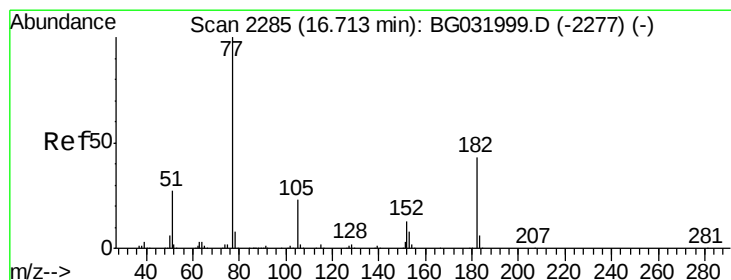
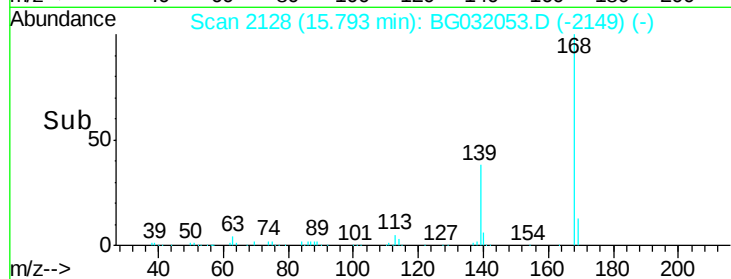
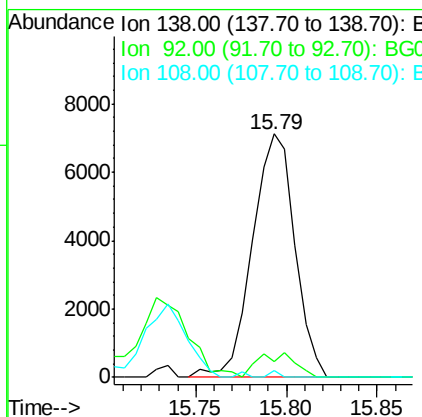
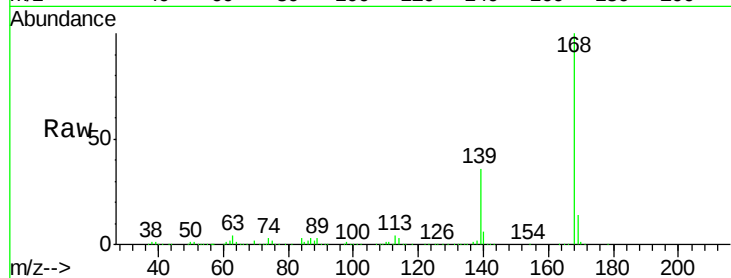




#61
4-Nitroaniline
Concen: 11.583 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.66 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

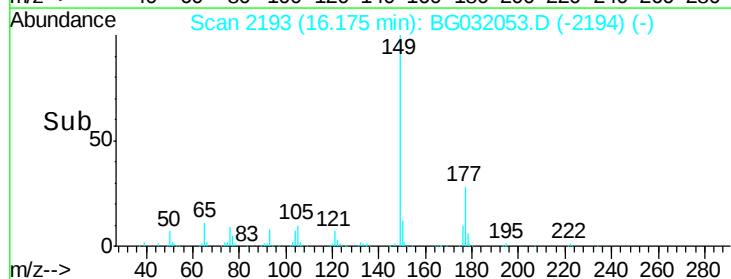
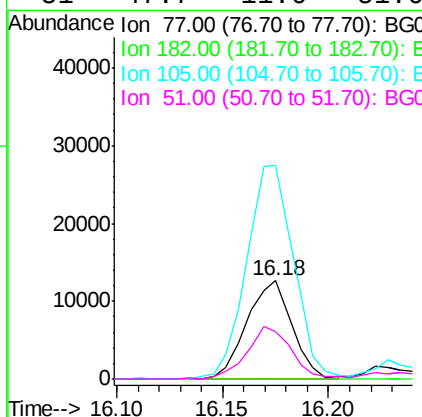
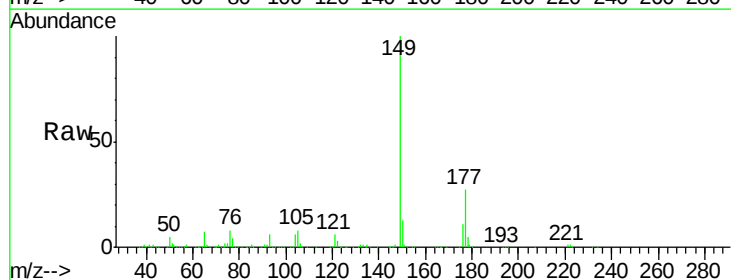
Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

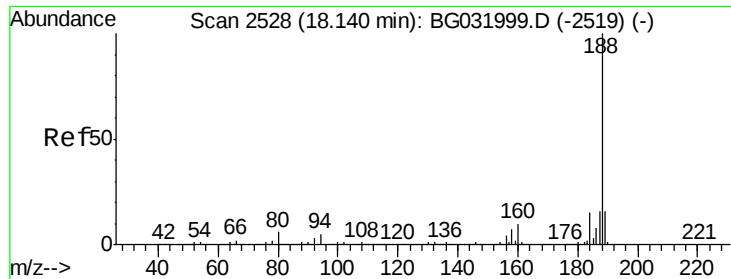
Tgt Ion:138 Resp: 11660
Ion Ratio Lower Upper
138 100
92 6.4 40.1 80.1#
108 3.0 65.4 105.4#



#62
Azobenzene
Concen: 5.539 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.54 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Tgt Ion: 77 Resp: 18815
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 217.5 0.3 40.3#
51 47.7 11.6 51.6

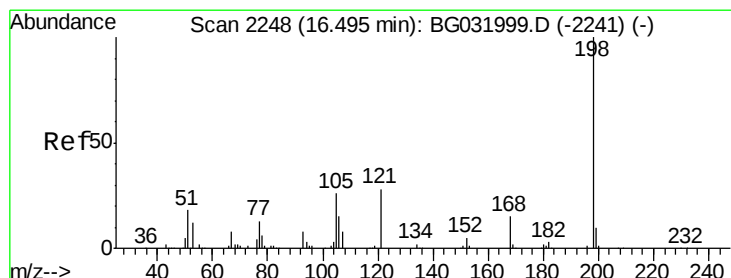
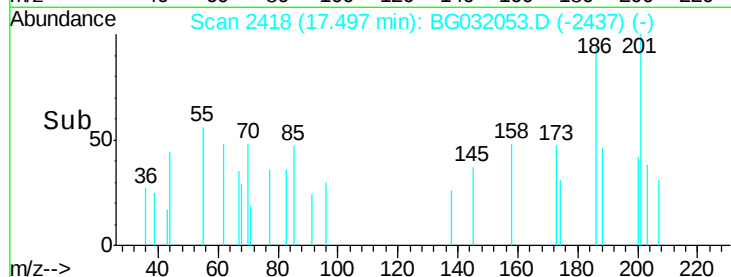
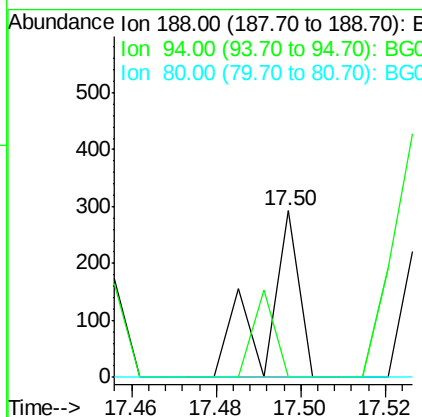
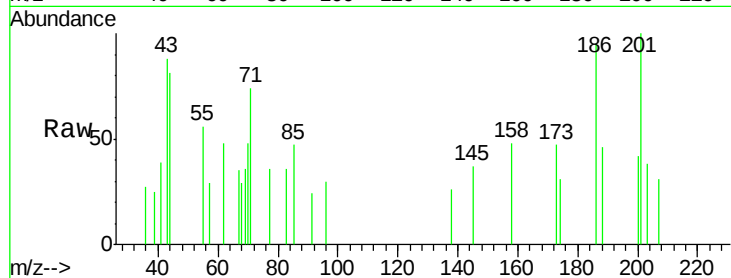




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.64 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

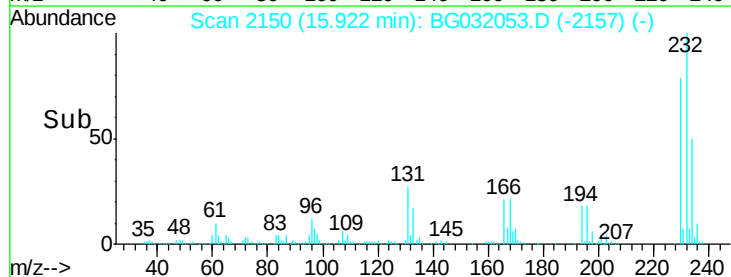
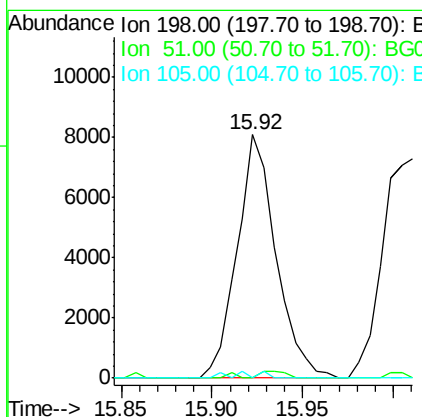
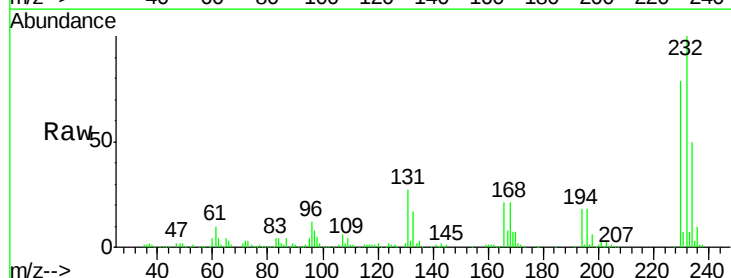
Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

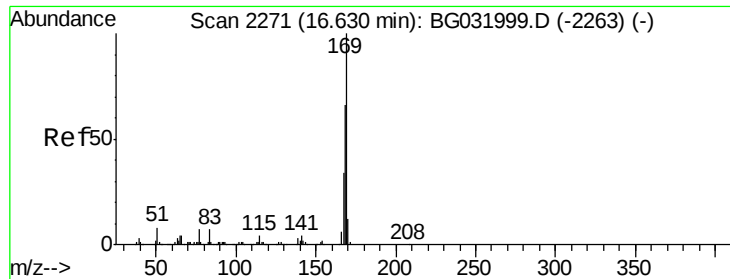
Tgt Ion:188 Resp: 158
Ion Ratio Lower Upper
188 100
94 0.0 6.9 10.3#
80 0.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 10699.672 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.57 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Tgt Ion:198 Resp: 12041
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 23.8 63.8#

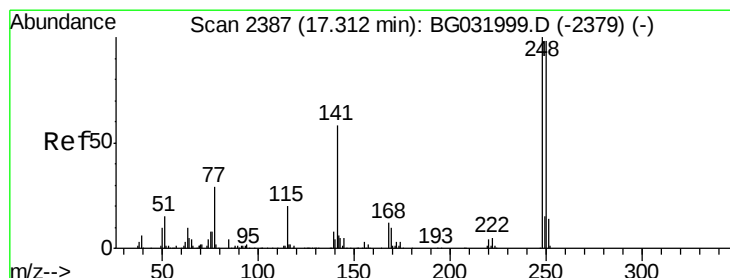
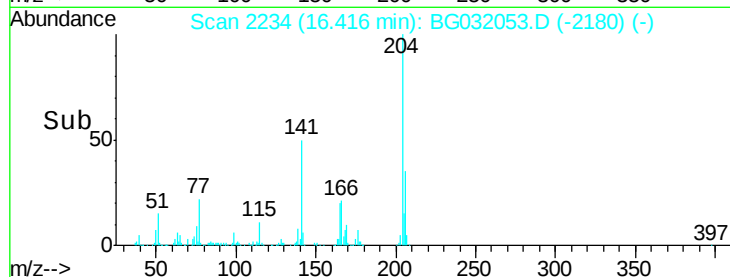
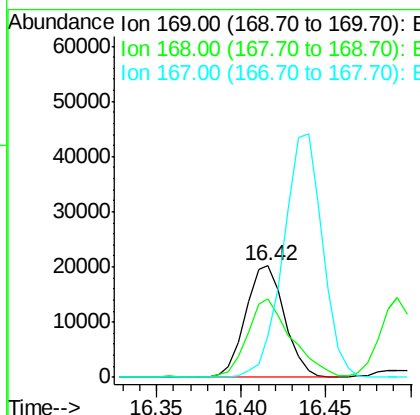
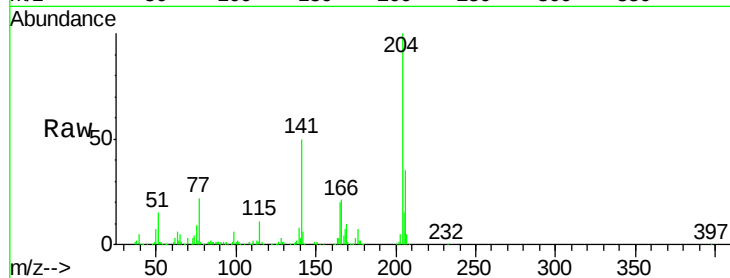




#65
 n-Nitrosodiphenylamine
 Concen: 6774.376 ng
 RT: 16.42 min Scan# 2234
 Delta R.T. -0.21 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

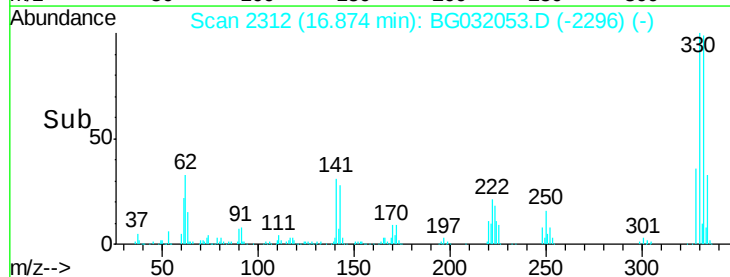
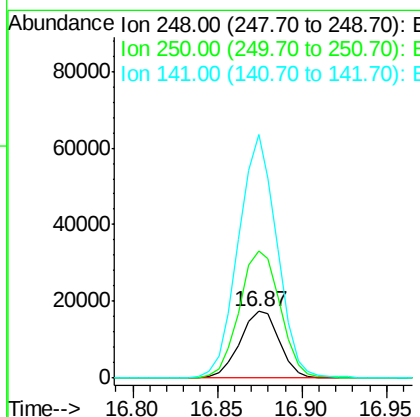
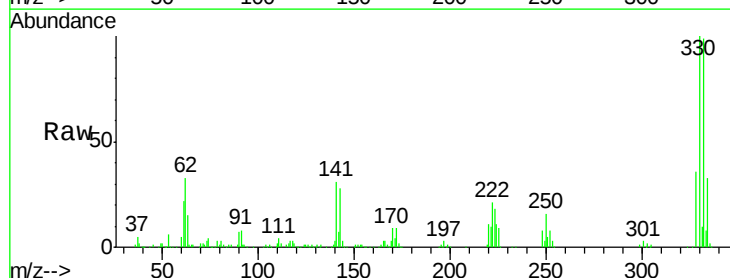
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

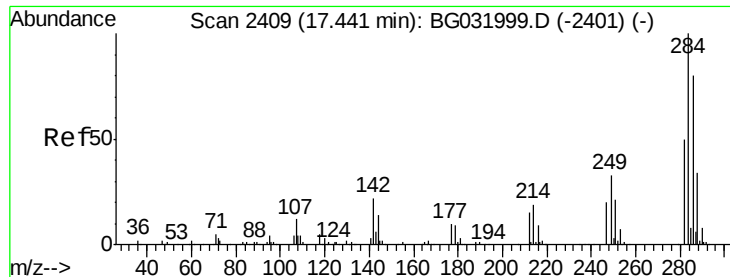
Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.7	83.5
167	37.4	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 12564.207 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.44 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	190.2	77.1	115.7#
141	365.8	50.8	76.2#





#67

Hexachlorobenzene

Concen: 25.330 ng

RT: 17.18 min Scan# 2364

Delta R.T. -0.26 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

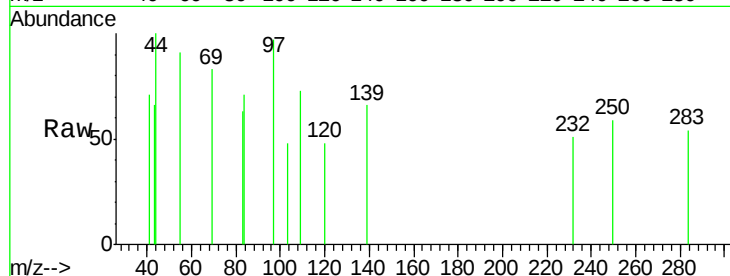
Tgt Ion:284 Resp: 63

Ion Ratio Lower Upper

284 100

142 0.0 26.8 40.2#

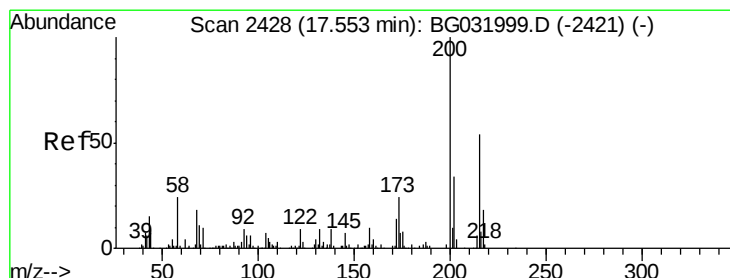
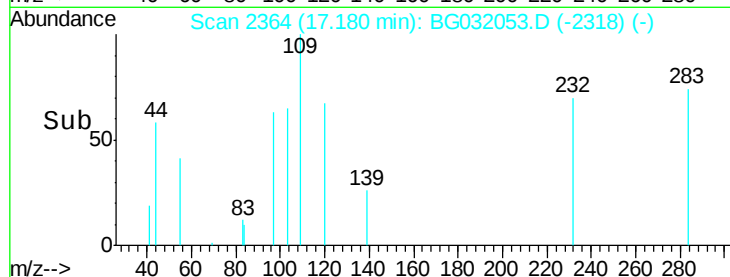
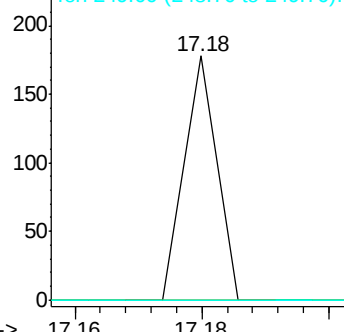
249 109.0 26.3 39.5#



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: 73.403 ng

RT: 16.87 min Scan# 2311

Delta R.T. -0.68 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

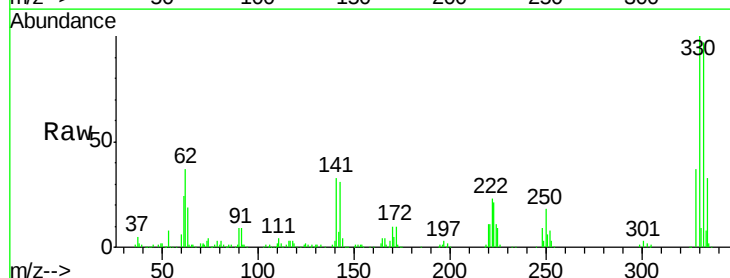
Tgt Ion:200 Resp: 148

Ion Ratio Lower Upper

200 100

173 1002.4 5.2 45.2#

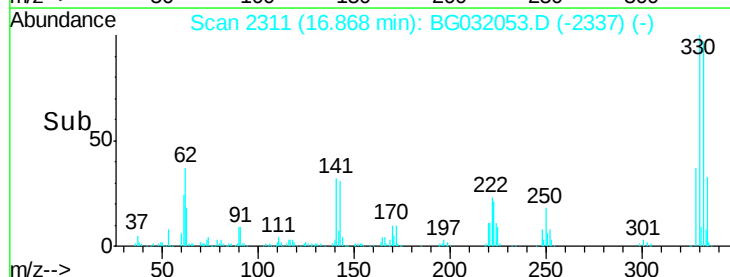
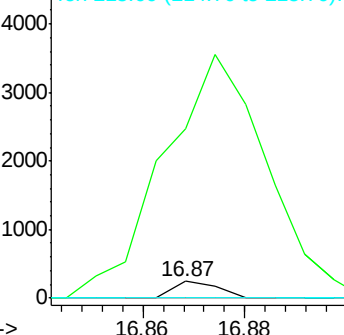
215 0.0 30.4 70.4#

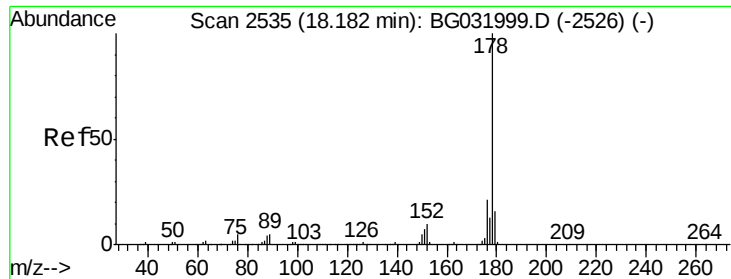


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 58.544 ng

RT: 17.54 min Scan# 2426

Delta R.T. -0.64 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

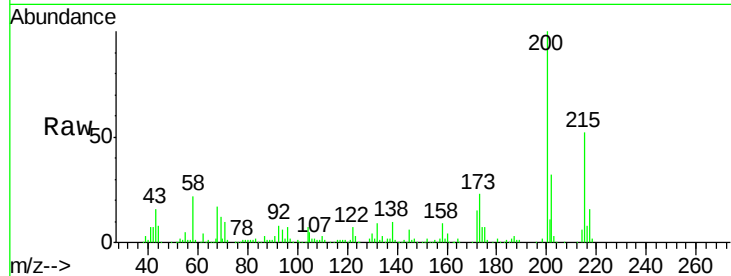
Tgt Ion:178 Resp: 515

Ion Ratio Lower Upper

178 100

176 165.1 15.7 23.5#

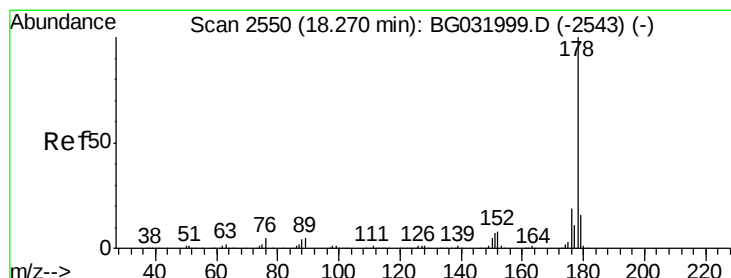
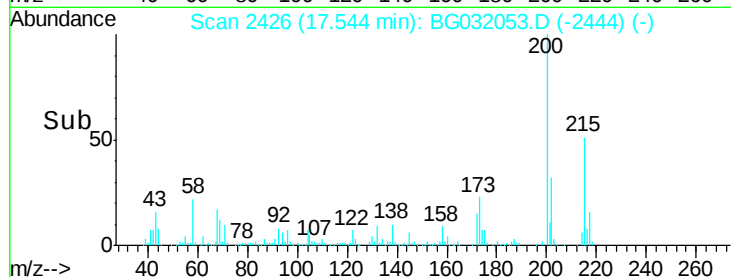
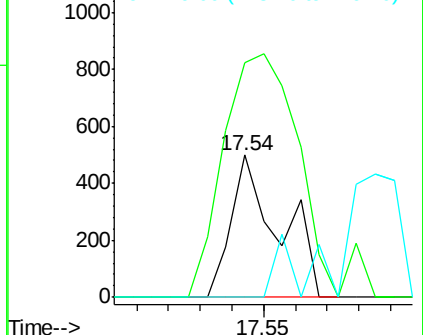
179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 58.697 ng

RT: 17.54 min Scan# 2426

Delta R.T. -0.73 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

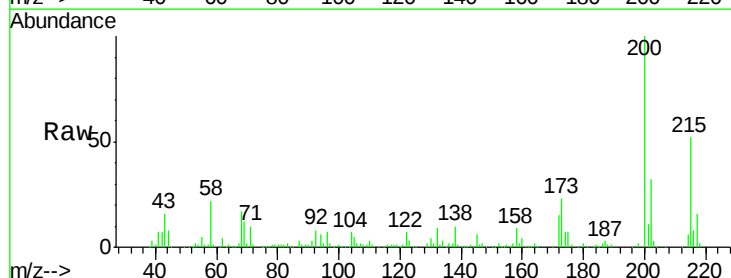
Tgt Ion:178 Resp: 515

Ion Ratio Lower Upper

178 100

176 165.1 16.0 24.0#

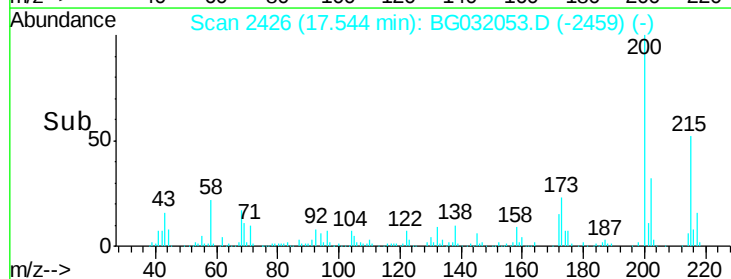
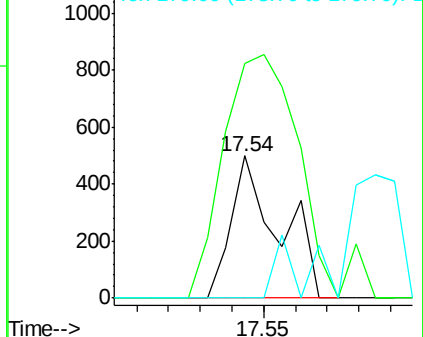
179 0.0 12.5 18.7#

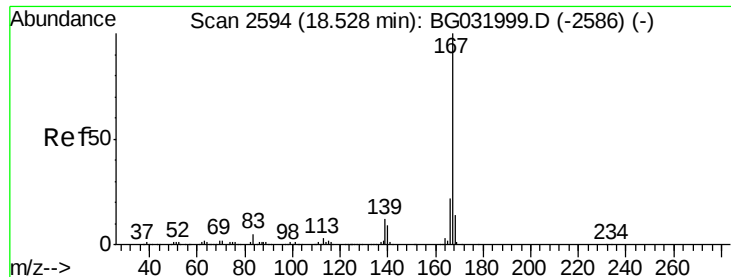


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 14951.938 ng

RT: 17.77 min Scan# 2464

Delta R.T. -0.76 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

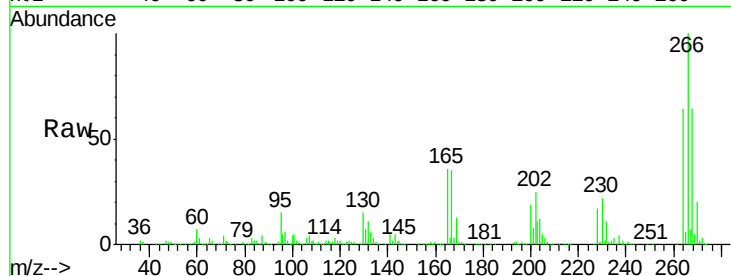
Tgt Ion:167 Resp: 113802

Ion Ratio Lower Upper

167 100

166 8.1 18.2 27.4#

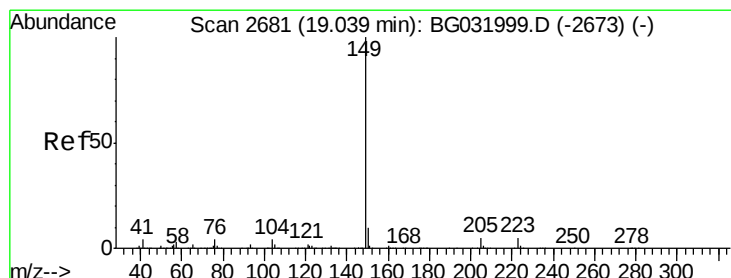
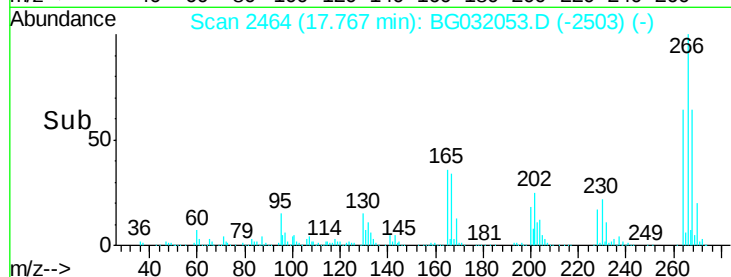
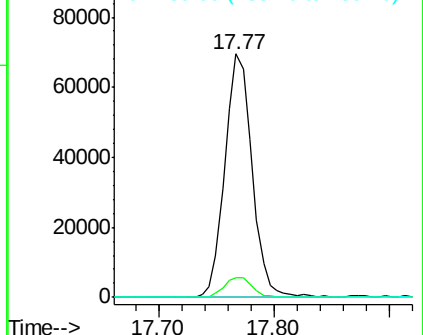
139 0.2 9.4 14.2#



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: 62.822 ng

RT: 18.37 min Scan# 2566

Delta R.T. -0.67 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

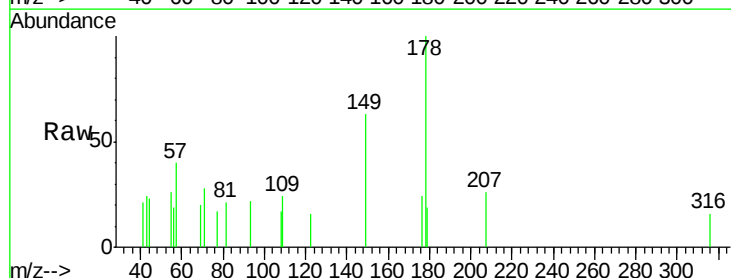
Tgt Ion:149 Resp: 565

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

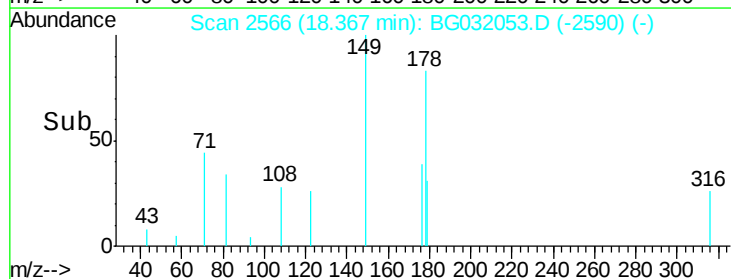
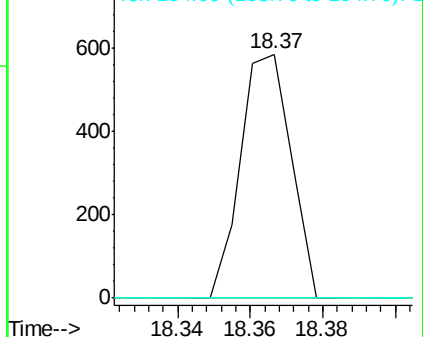
104 0.0 3.9 5.9#

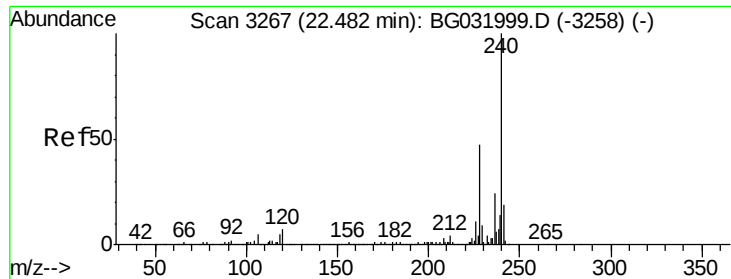


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.85 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

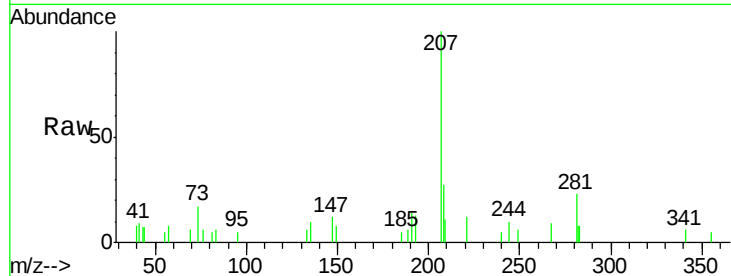
Tgt Ion:240 Resp: 58

Ion Ratio Lower Upper

240 100

120 0.0 6.8 10.2#

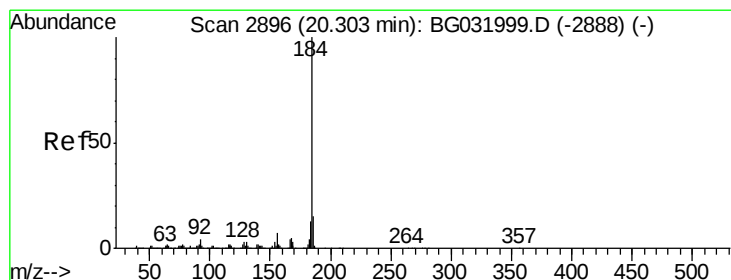
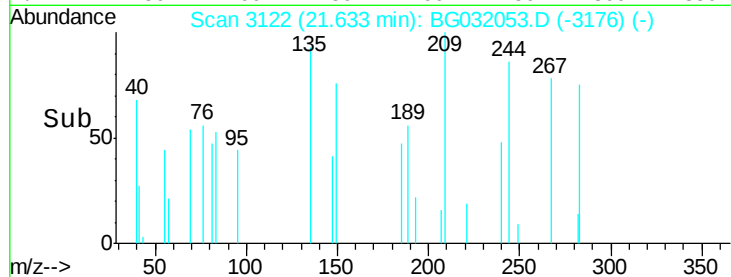
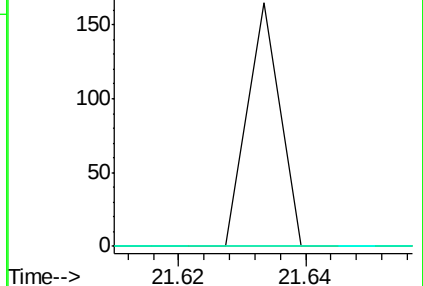
236 0.0 20.9 31.3#



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: 108.249 ng

RT: 19.43 min Scan# 2747

Delta R.T. -0.87 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

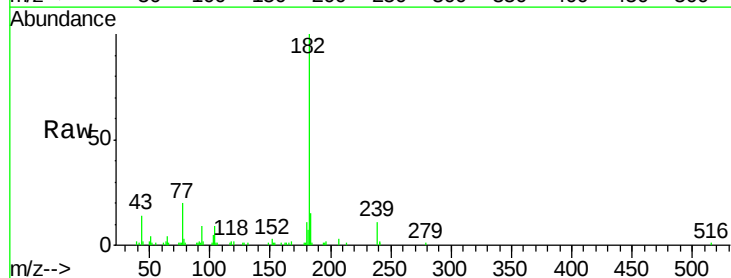
Tgt Ion:184 Resp: 157

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

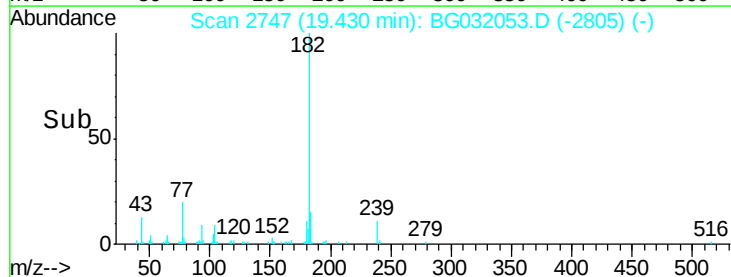
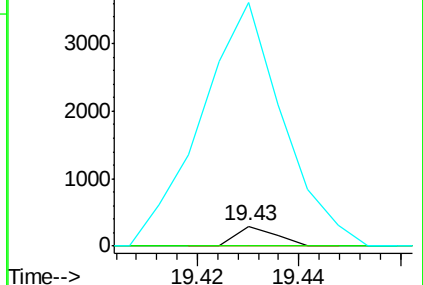
183 1231.4 10.6 16.0#

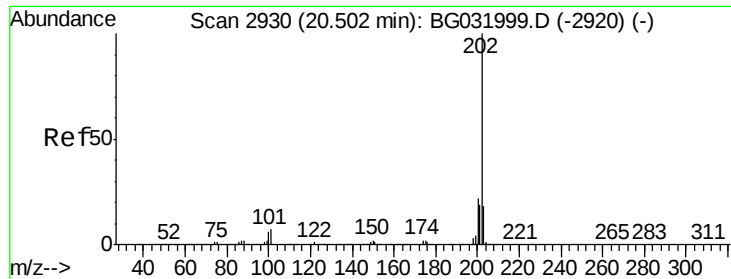


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 318790.878 ng

RT: 20.14 min Scan# 2867

Delta R.T. -0.37 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

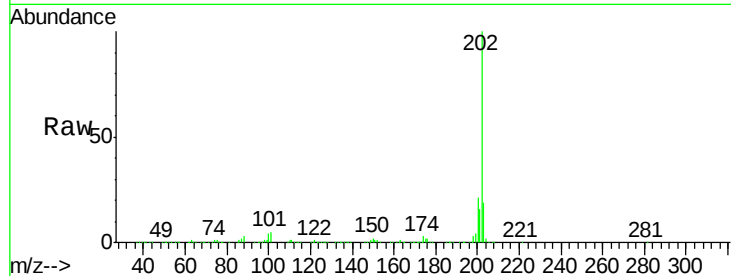
Tgt Ion: 202 Resp: 1162342

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

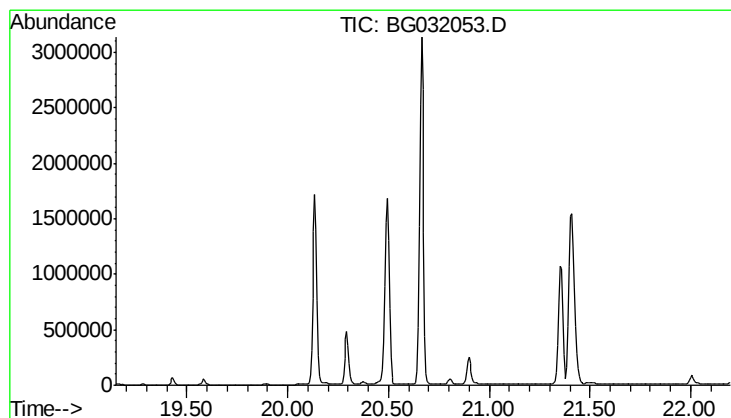
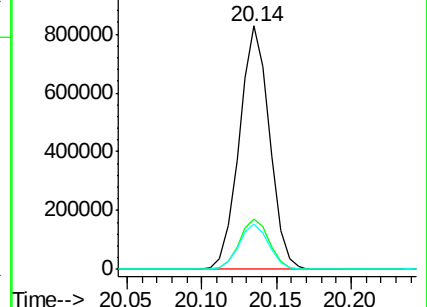
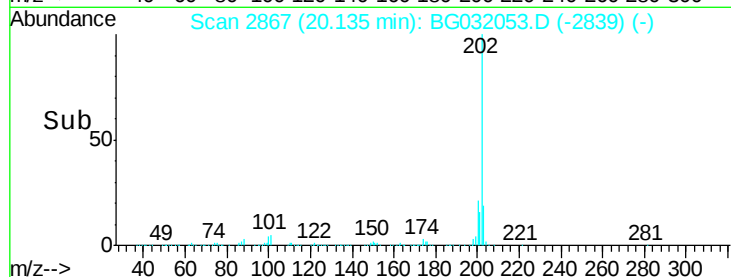
203 18.7 13.9 20.9



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: 0.000 ng

Expected RT: 20.67 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

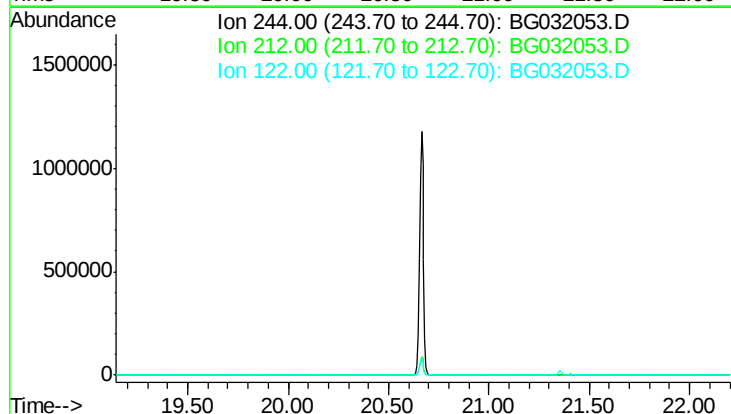
Tgt Ion: 244

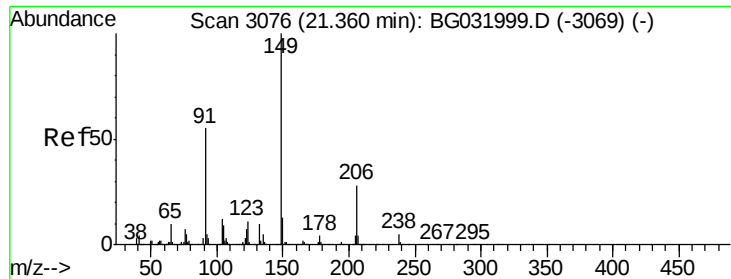
Sig Exp Ratio

244 100

212 7.3

122 8.7





#79

Butylbenzylphthalate

Concen: 5879.719 ng

RT: 20.49 min Scan# 2928

Delta R.T. -0.87 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

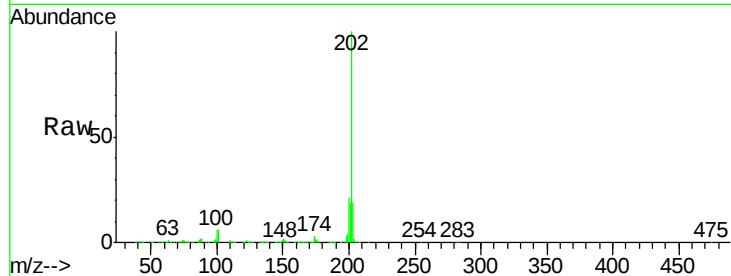
Tgt Ion:149 Resp: 7681

Ion Ratio Lower Upper

149 100

91 5.0 62.2 93.2#

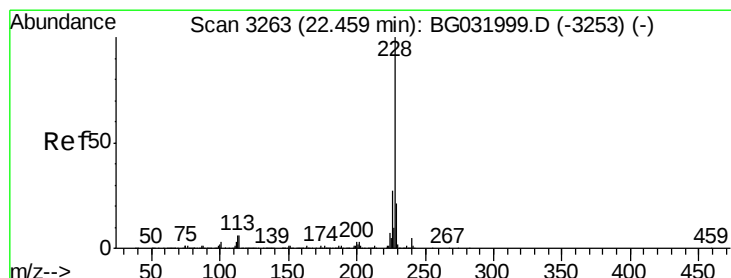
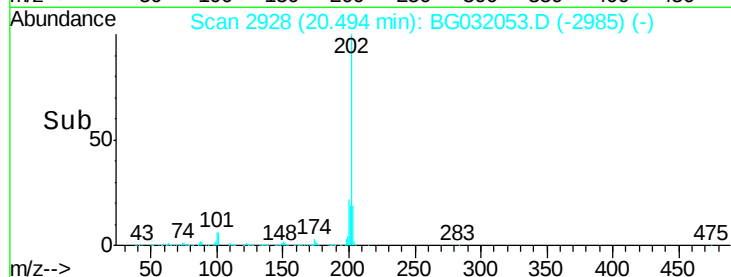
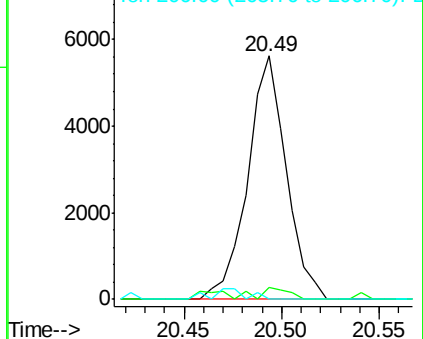
206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 17.189 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.82 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

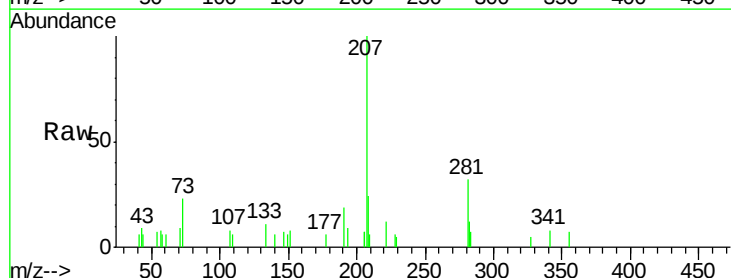
Tgt Ion:228 Resp: 62

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

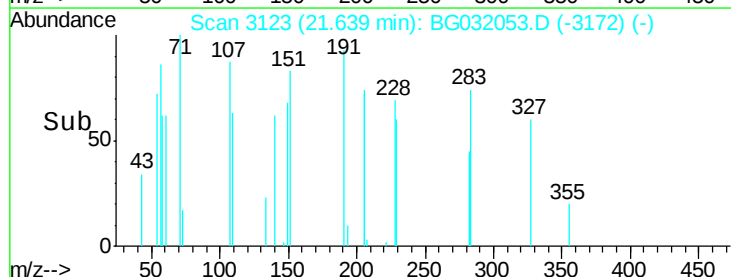
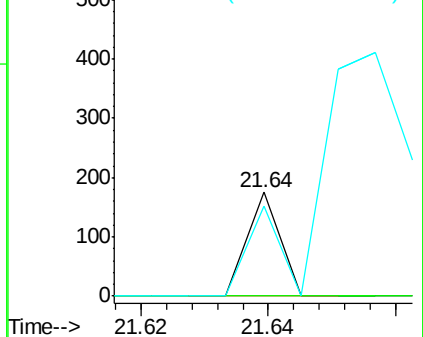
229 86.9 16.2 24.2#

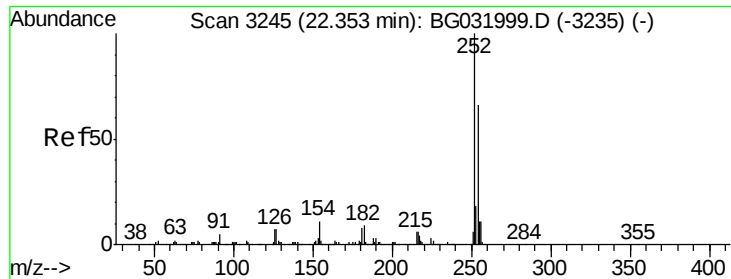


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

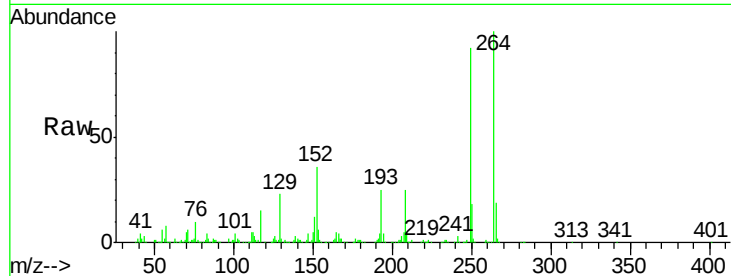




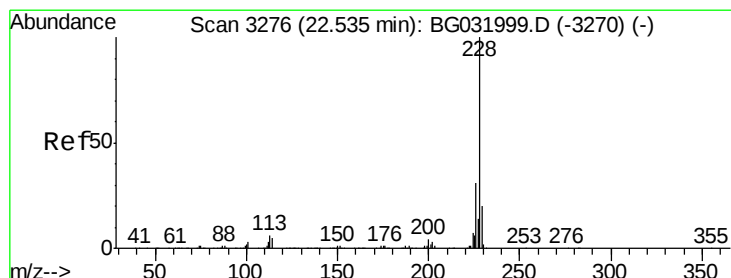
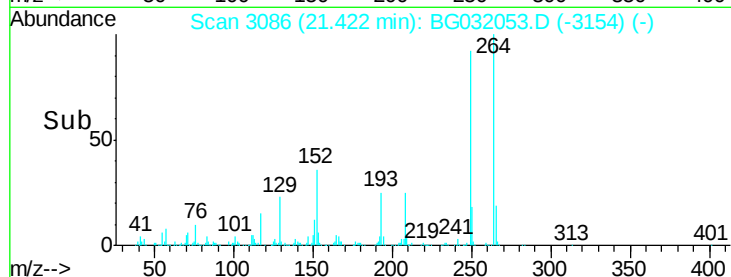
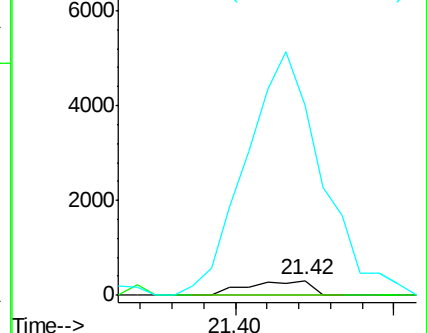
#81
 3,3'-Dichlorobenzidine
 Concen: 312.443 ng
 RT: 21.42 min Scan# 3086
 Delta R.T. -0.93 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MS

Tgt Ion: 252 Resp: 421
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 1282.7 7.4 11.2#

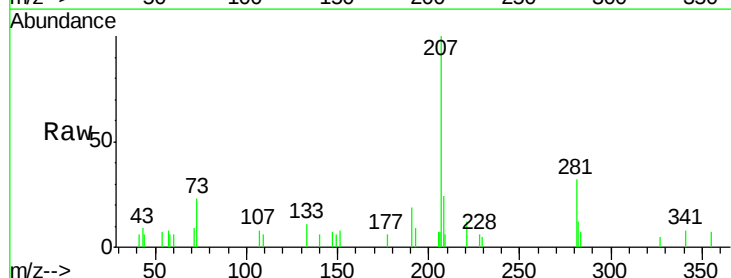


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

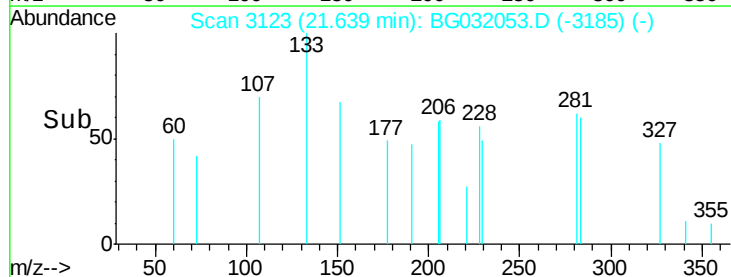
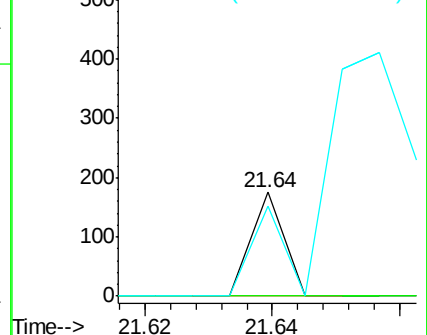


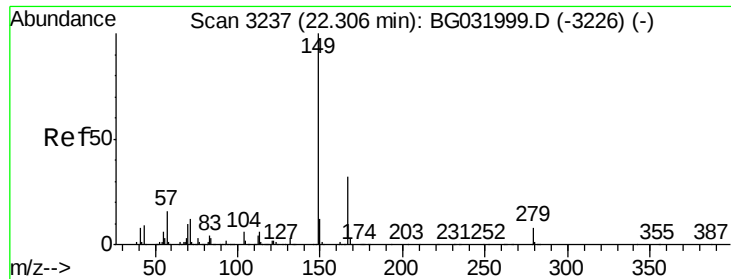
#82
 Chrysene
 Concen: 17.898 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.90 min
 Lab File: BG032053.D
 Acq: 16 Jan 2018 4:51

Tgt Ion: 228 Resp: 62
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.9 37.3#
 229 86.9 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 222003.116 ng

RT: 21.35 min Scan# 3074

Delta R.T. -0.95 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

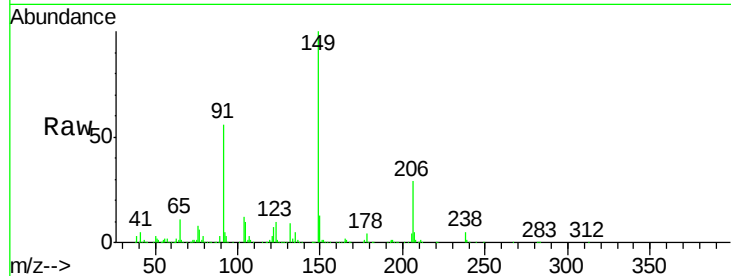
Tgt Ion:149 Resp: 425281

Ion Ratio Lower Upper

149 100

167 0.4 24.3 36.5#

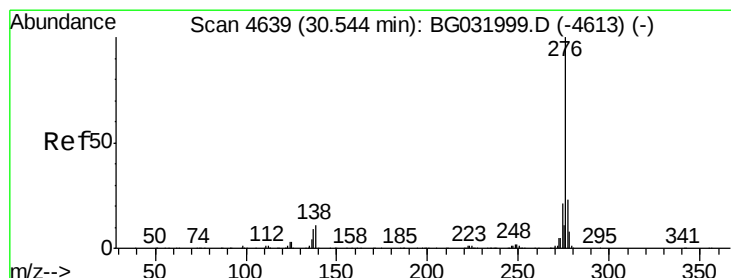
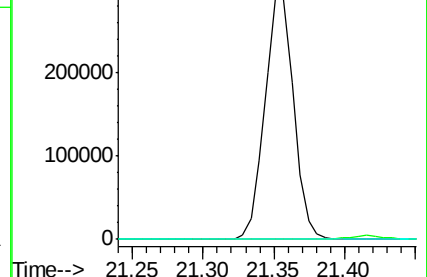
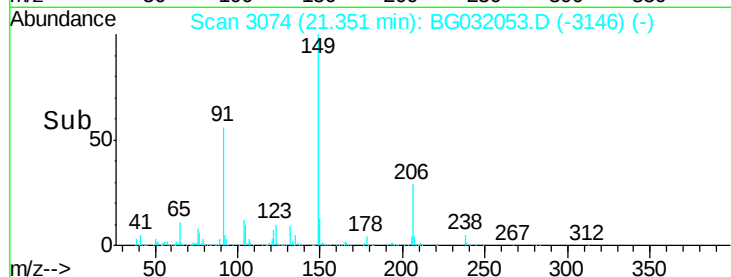
279 0.0 4.0 6.0#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 12.738 ng

RT: 29.45 min Scan# 4453

Delta R.T. -1.09 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

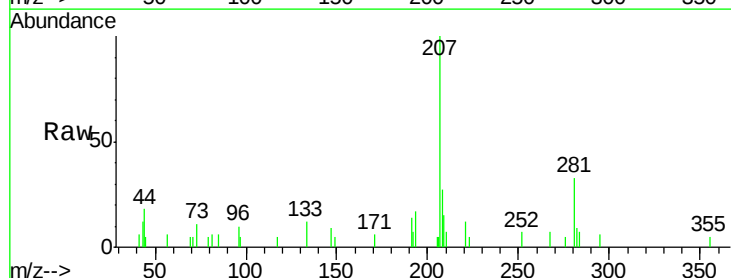
Tgt Ion:276 Resp: 54

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

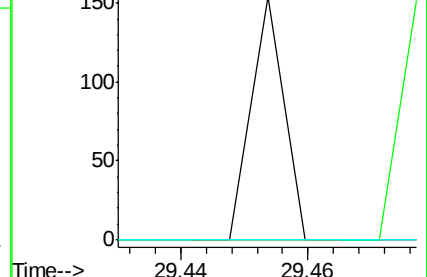
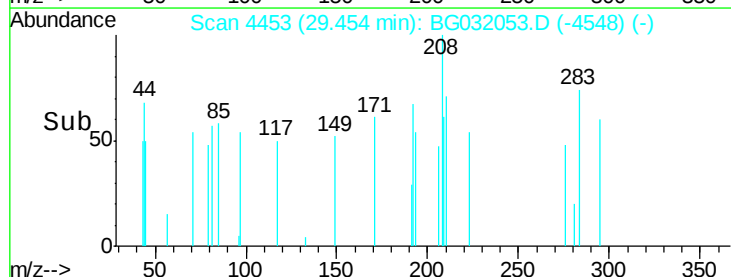
277 0.0 20.0 30.0#

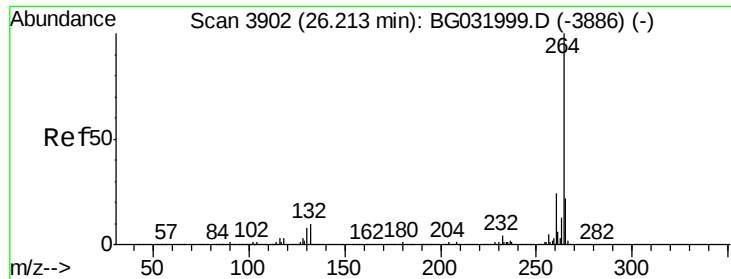


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

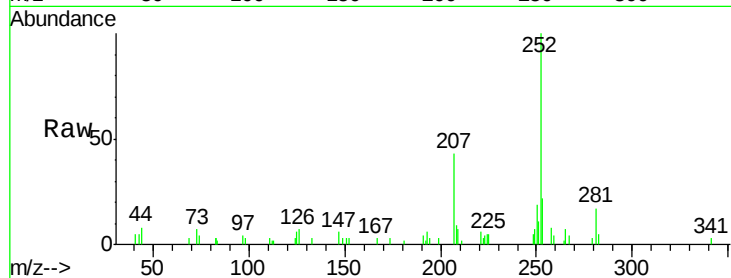




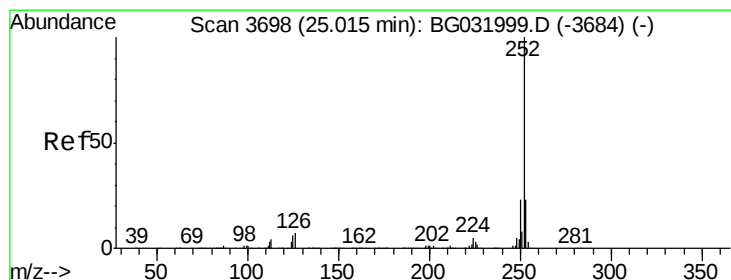
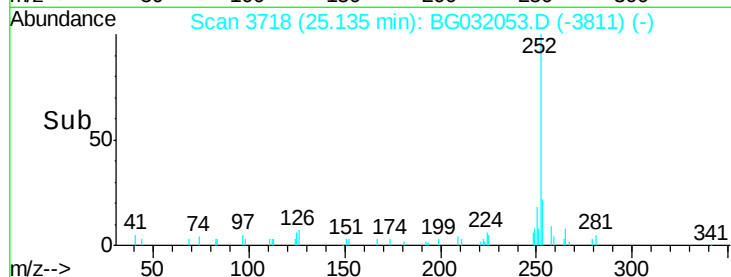
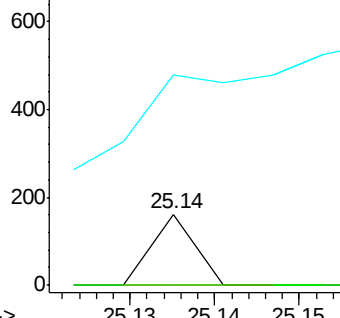
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3718
Delta R.T. -1.08 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Tgt Ion: 264 Resp: 57
Ion Ratio Lower Upper
264 100
260 0.0 17.4 26.0#
265 298.1 17.7 26.5#

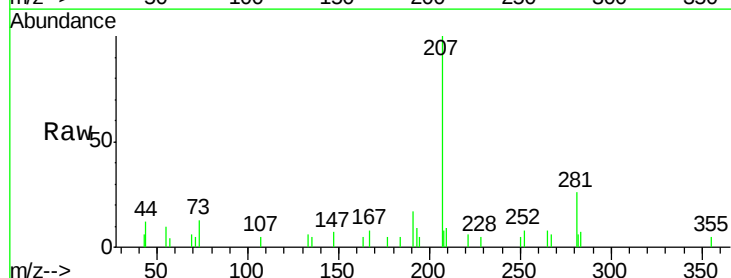


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

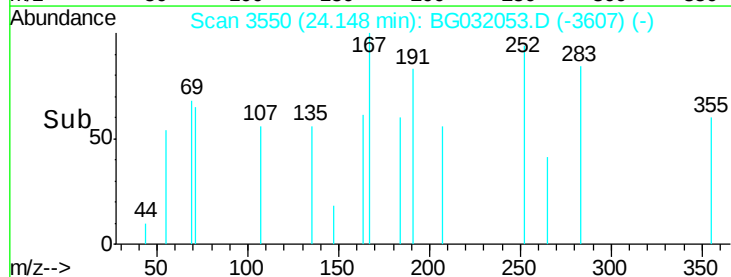
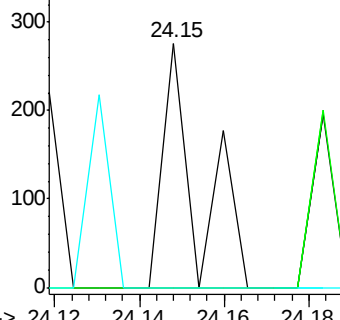


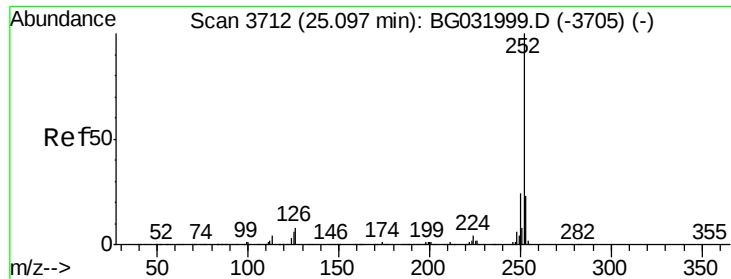
#87
Benzo(b)fluoranthene
Concen: 46.440 ng
RT: 24.15 min Scan# 3550
Delta R.T. -0.87 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Tgt Ion: 252 Resp: 160
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

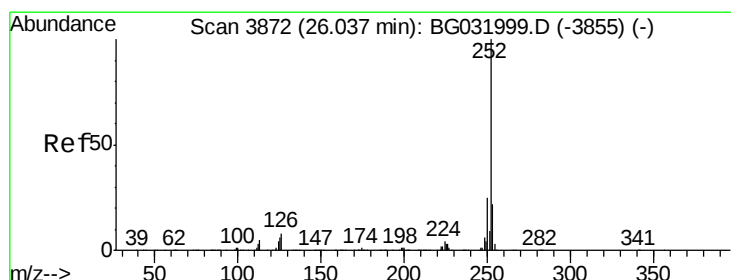
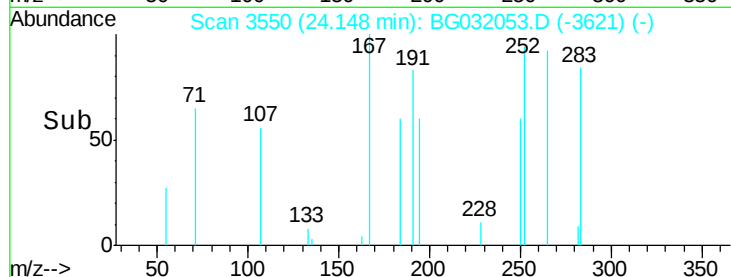
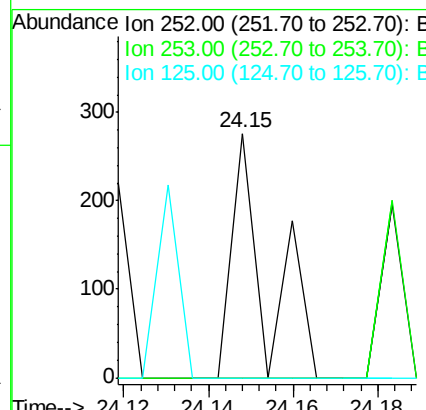
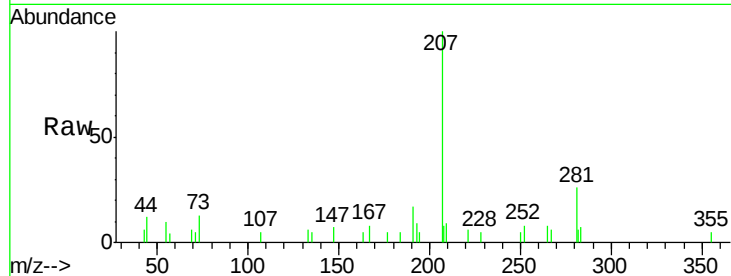




#88
Benzo(k)fluoranthene
Concen: 47.525 ng
RT: 24.15 min Scan# 3550
Delta R.T. -0.95 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

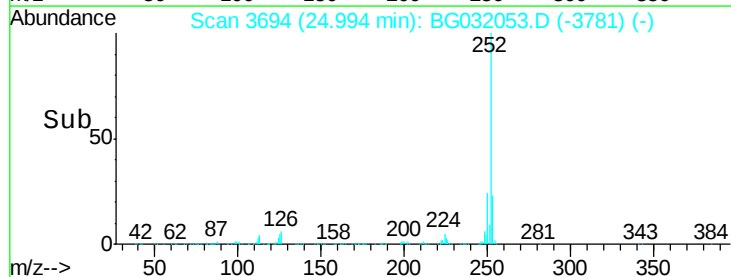
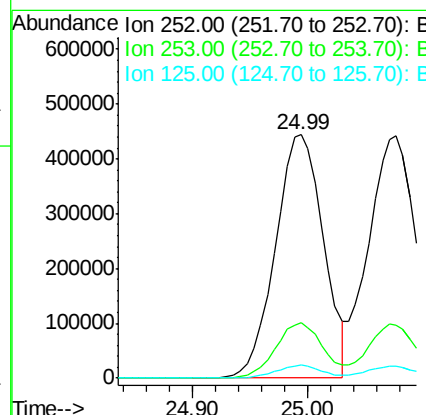
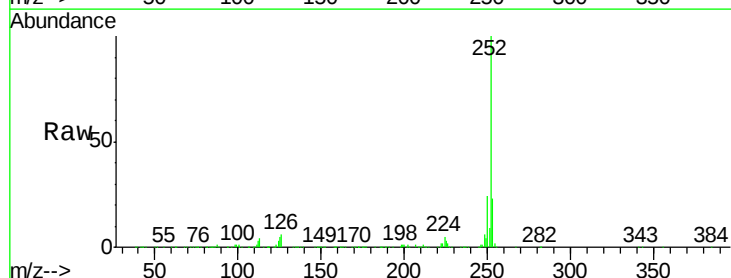
Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

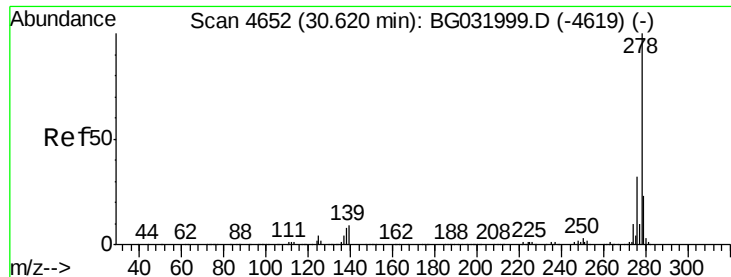
Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#



#89
Benzo(a)pyrene
Concen: 392789.288 ng
RT: 24.99 min Scan# 3694
Delta R.T. -1.04 min
Lab File: BG032053.D
Acq: 16 Jan 2018 4:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	5.4	7.3	10.9#





#90

Dibenzo(a,h)anthracene

Concen: 20.378 ng

RT: 29.41 min Scan# 4445

Delta R.T. -1.21 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MS

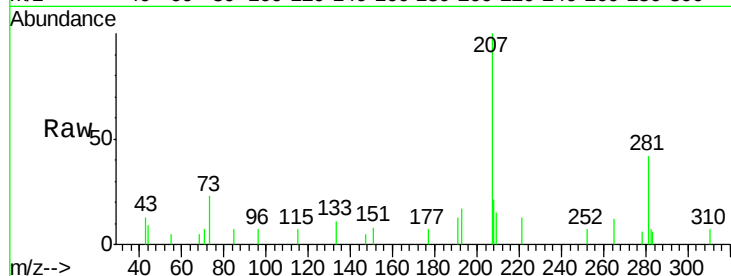
Tgt Ion:278 Resp: 64

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

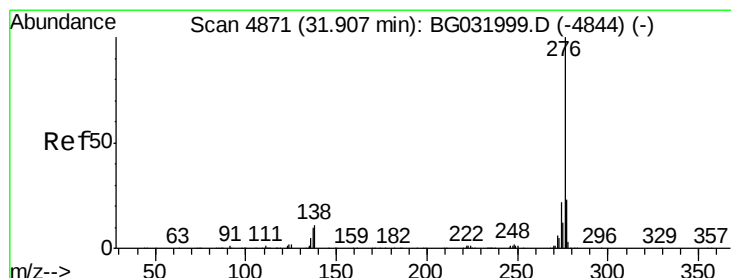
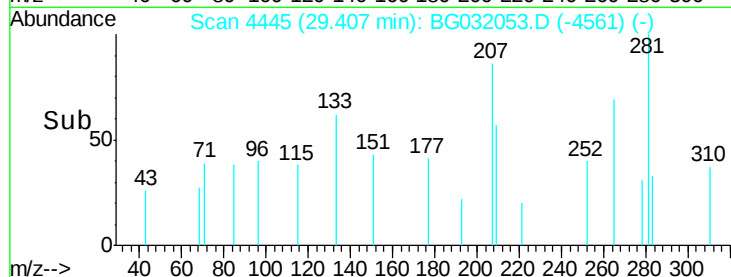
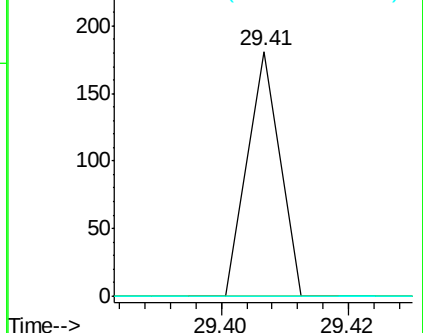
279 0.0 18.4 27.6#



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(g,h,i)perylene

Concen: 453989.450 ng

RT: 30.50 min Scan# 4631

Delta R.T. -1.41 min

Lab File: BG032053.D

Acq: 16 Jan 2018 4:51

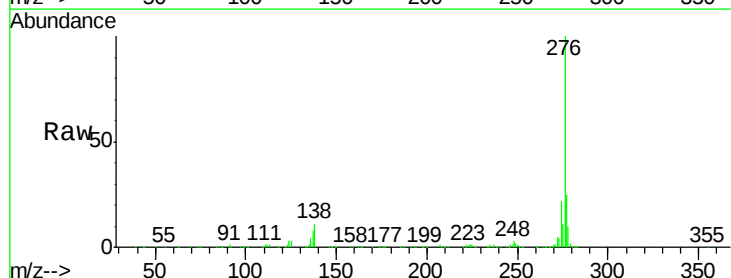
Tgt Ion:276 Resp: 1457327

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 11.3 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

