

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037983.D
 Acq On : 13 Nov 2018 18:40
 Operator : JU/SJ
 Sample : J5908-28
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

Quant Time: Nov 14 00:12:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47881	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	204079	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	130353	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	320910	20.00	ng	0.00
76) Chrysene-d12	21.75	240	318442	20.00	ng	0.00
87) Perylene-d12	25.07	264	322162	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	315859	113.90	ng	0.00
7) Phenol-d6	7.23	99	392442	99.14	ng	0.00
23) Nitrobenzene-d5	9.26	82	301917	79.19	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	184780	124.29	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	694674	77.64	ng	0.00
79) Terphenyl-d14	20.07	244	1197234	88.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	292	0.223	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	349	0.257	ng	# 1
6) Aniline	7.61	93	406	0.079	ng	# 1
9) Benzaldehyde	7.23	77	706	0.247	ng	# 4
10) Phenol	7.61	94	813	0.194	ng	# 1
11) bis(2-Chloroethyl)ether	7.61	93	406	0.119	ng	# 1
15) Benzyl Alcohol	8.41	79	4477	1.563	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	8.58	45	166	0.026	ng	# 74
18) Hexachloroethane	9.28	117	77	0.057	ng	# 1
19) n-Nitroso-di-n-propylamine	9.26	70	38111	13.305	ng	# 72
22) Acetophenone	8.92	105	420	0.083	ng	# 48
24) Nitrobenzene	9.26	77	851	0.218	ng	# 28
27) 2,4-Dimethylphenol	10.14	122	3676	1.253	ng	# 2
31) Naphthalene	10.96	128	805	0.080	ng	# 68
32) Benzoic acid	10.14	122	3676	13.779	ng	# 71
37) 2-Methylnaphthalene	12.78	142	834	0.116	ng	# 94
38) 1-Methylnaphthalene	12.78	142	834	0.120	ng	# 96
46) 1,1'-Biphenyl	13.56	154	1220	0.111	ng	# 68
48) 2-Nitroaniline	13.34	65	930	0.354	ng	# 1
49) Acenaphthylene	14.45	152	148	0.012	ng	# 59
51) 2,6-Dinitrotoluene	14.72	165	16713	7.146	ng	# 23
52) Acenaphthene	14.78	154	1468	0.194	ng	# 95
55) Dibenzofuran	15.12	168	765	0.061	ng	# 73
56) 4-Nitrophenol	15.12	139	351	0.176	ng	# 7
57) 2,4-Dinitrotoluene	14.72	165	16713	5.252	ng	# 23
58) Fluorene	15.77	166	1069	0.115	ng	# 54
63) Azobenzene	16.21	77	1060	0.108	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.21	198	472	0.233	ng	# 80
66) n-Nitrosodiphenylamine	16.21	169	7924	0.816	ng	# 47
67) 4-Bromophenyl-phenylether	16.21	248	13403	3.805	ng	# 1
71) Phenanthrene	17.51	178	8873	0.540	ng	# 94
72) Anthracene	17.51	178	8873	0.548	ng	# 96
73) Carbazole	17.88	167	1246	0.077	ng	# 58
74) Di-n-butylphthalate	18.41	149	1682	0.092	ng	# 77

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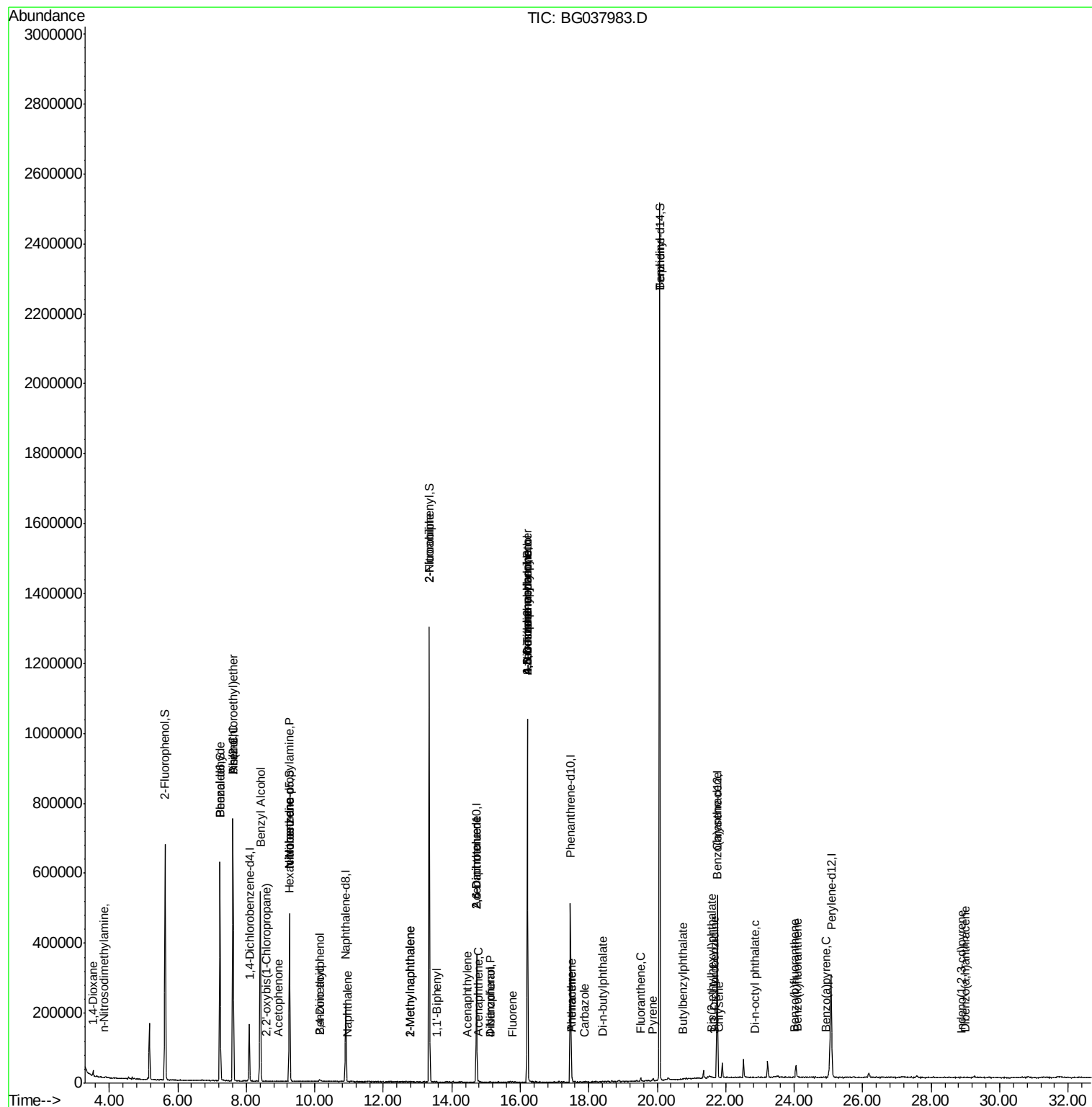
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	19.52	202	6550	0.349	ng	91
77) Benzidine	20.07	184	20366	1.823	ng	# 94
78) Pyrene	19.88	202	4953	0.238	ng	# 87
80) Butylbenzylphthalate	20.74	149	115	0.013	ng	# 23
81) Benzo(a)anthracene	21.74	228	2517	0.131	ng	# 61
82) 3,3'-Dichlorobenzidine	21.67	252	62	0.008	ng	# 25
83) Chrysene	21.80	228	1310	0.071	ng	# 74
84) Bis(2-ethylhexyl)phthalate	21.60	149	875	0.067	ng	# 98
85) Di-n-octyl phthalate	22.85	149	877	0.042	ng	# 74
86) Indeno(1,2,3-cd)pyrene	28.88	276	123	0.006	ng	# 55
88) Benzo(b)fluoranthene	24.01	252	886	0.050	ng	# 59
89) Benzo(k)fluoranthene	24.09	252	155	0.009	ng	# 60
90) Benzo(a)pyrene	24.93	252	265	0.016	ng	# 60
91) Dibenzo(a,h)anthracene	28.98	278	54	0.003	ng	# 57

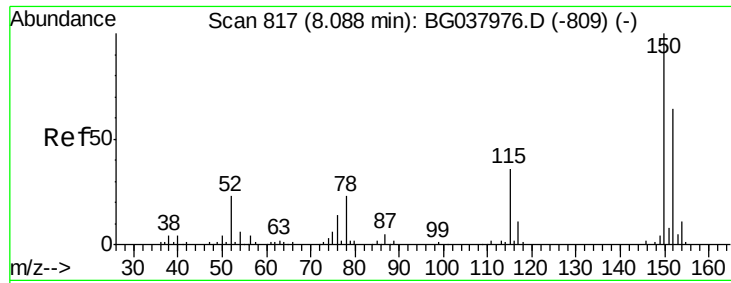
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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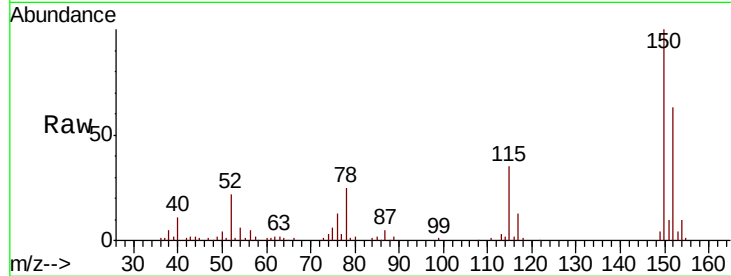


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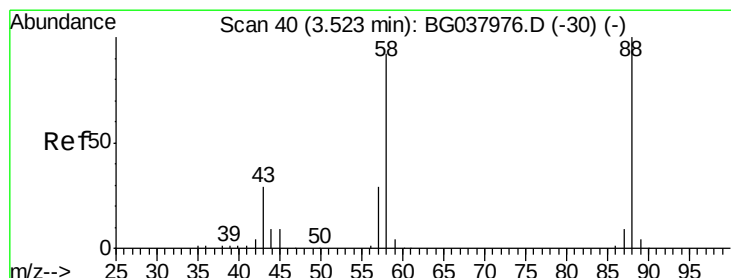
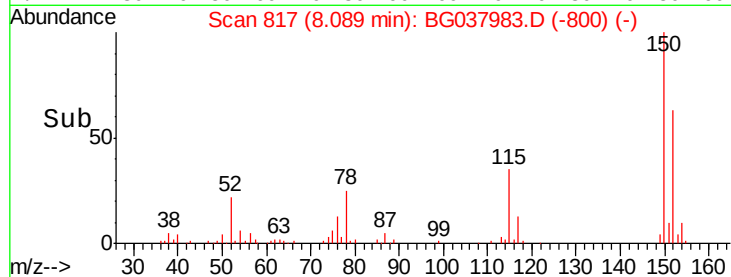
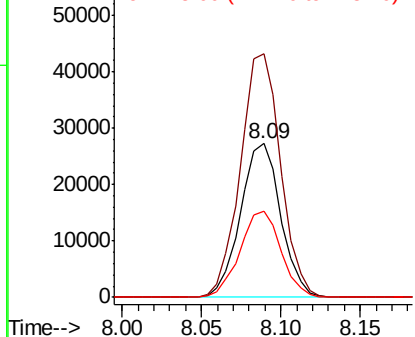
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Instrument :
BNA_G
ClientSampleId :
SR-6-S

Tgt Ion:152 Resp: 47881
Ion Ratio Lower Upper
152 100
150 158.5 126.0 189.0
115 55.8 45.5 68.3



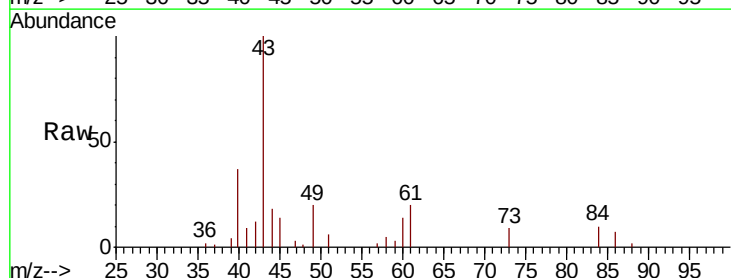
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



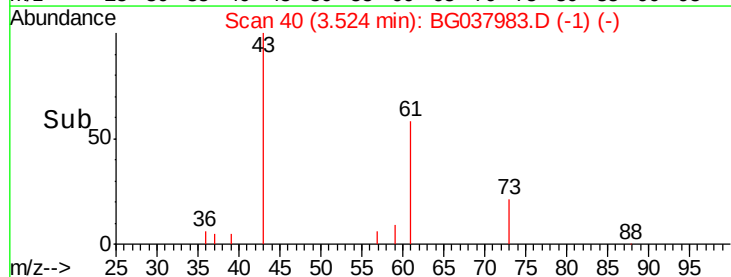
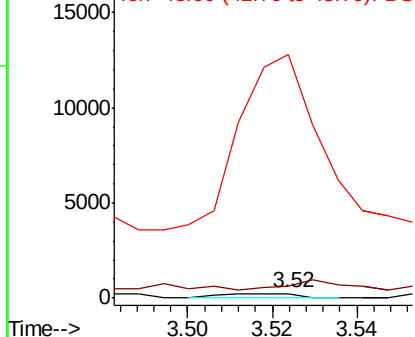
#2

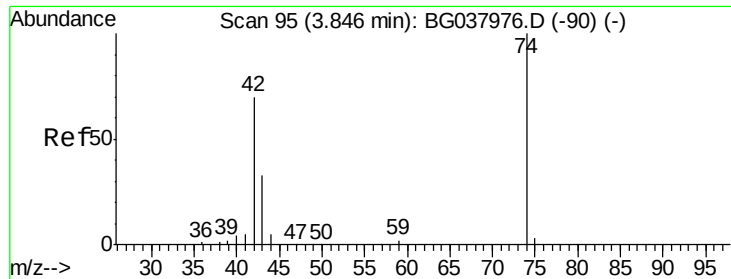
1,4-Dioxane
Concen: 0.223 ng
RT: 3.52 min Scan# 40
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion: 88 Resp: 292
Ion Ratio Lower Upper
88 100
58 180.5 74.4 111.6#
43 4949.0 25.8 38.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.257 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

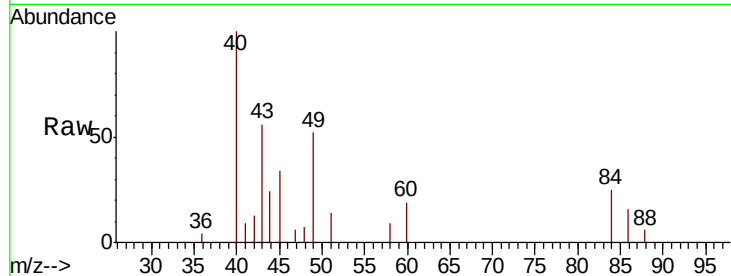
Tgt Ion: 42 Resp: 349

Ion Ratio Lower Upper

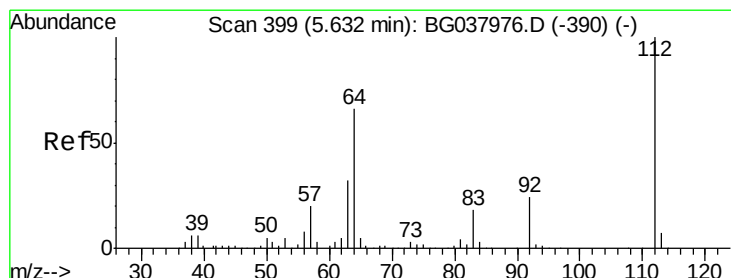
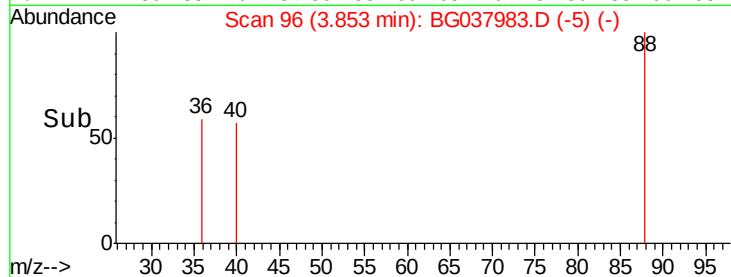
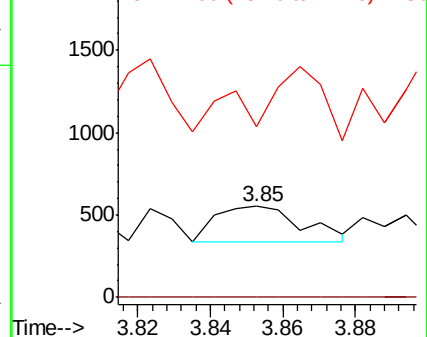
42 100

74 0.0 102.0 153.0#

44 188.0 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 113.897 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

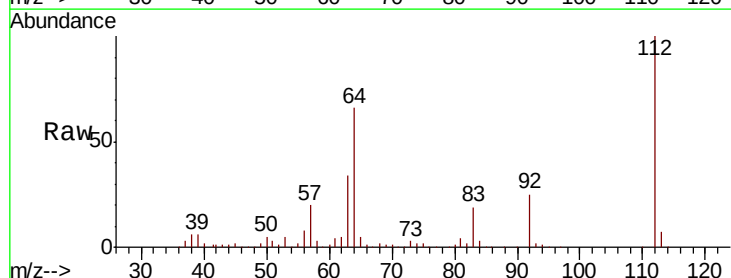
Tgt Ion: 112 Resp: 315859

Ion Ratio Lower Upper

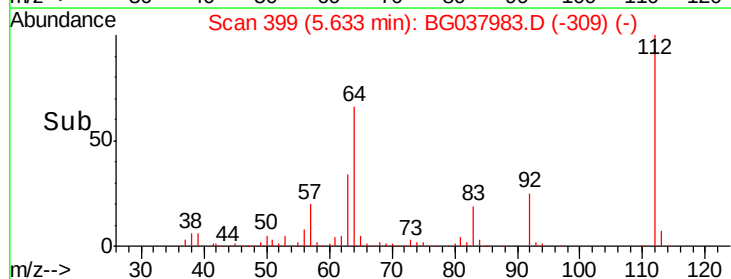
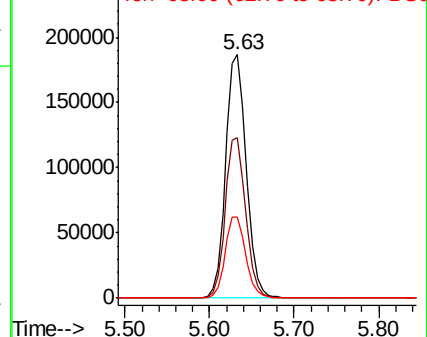
112 100

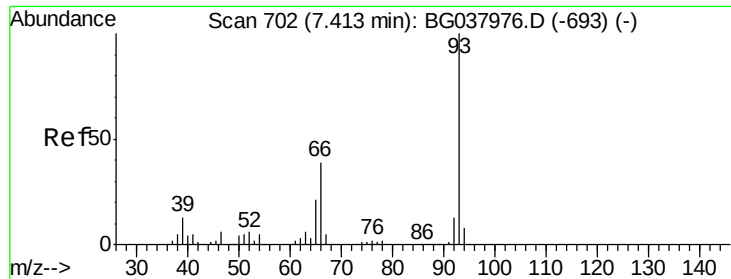
64 66.0 53.1 79.7

63 33.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.079 ng

RT: 7.61 min Scan# 735

Delta R.T. 0.19 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

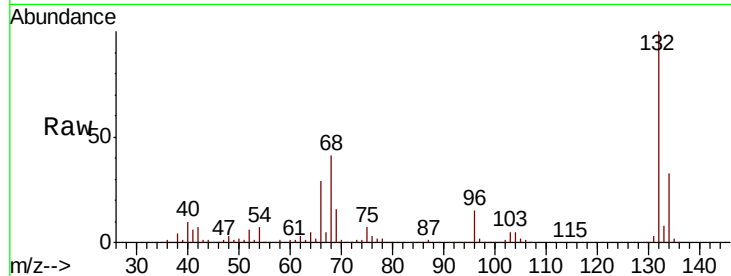
Tgt Ion: 93 Resp: 406

Ion Ratio Lower Upper

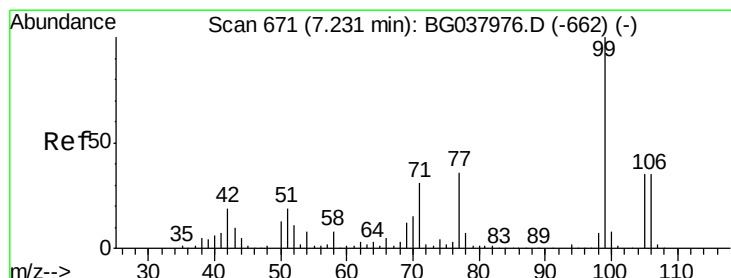
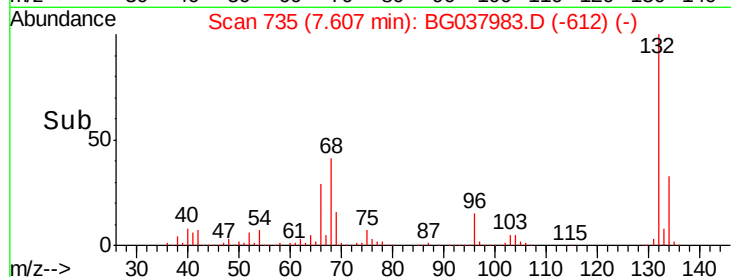
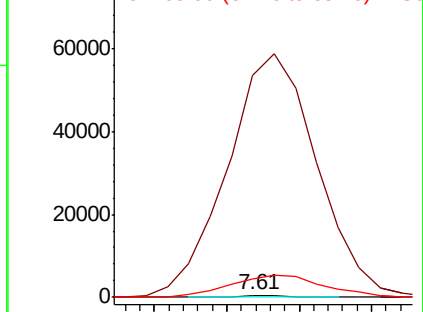
93 100

66 11491.2 32.8 49.2#

65 922.7 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 99.137 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

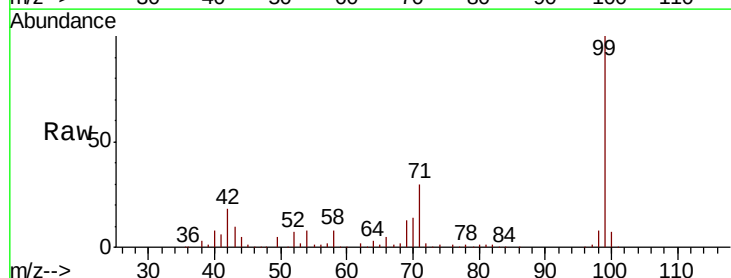
Tgt Ion: 99 Resp: 392442

Ion Ratio Lower Upper

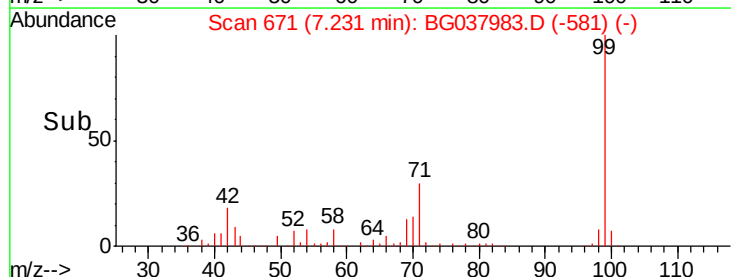
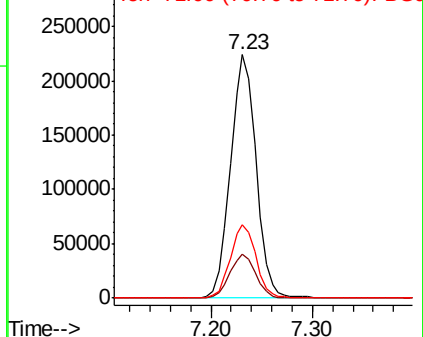
99 100

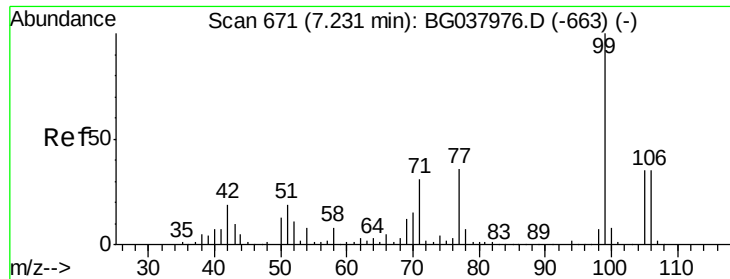
42 17.8 15.0 22.4

71 30.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.247 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

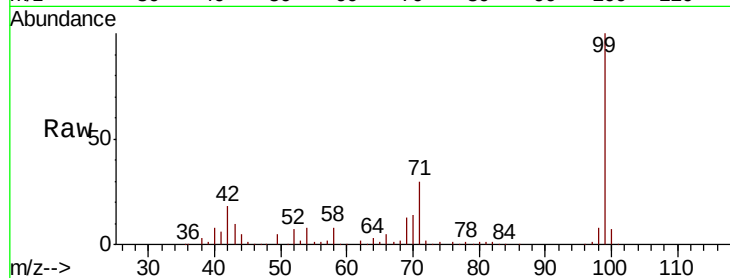
Tgt Ion: 77 Resp: 706

Ion Ratio Lower Upper

77 100

105 0.0 72.6 112.6#

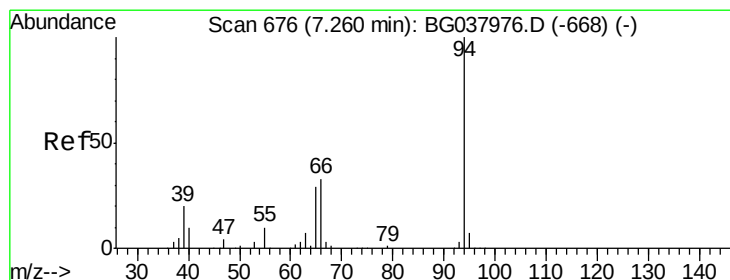
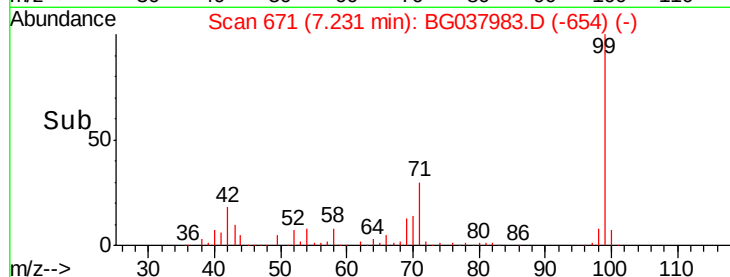
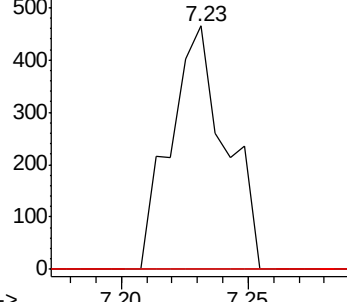
106 0.0 71.3 111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.194 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.35 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

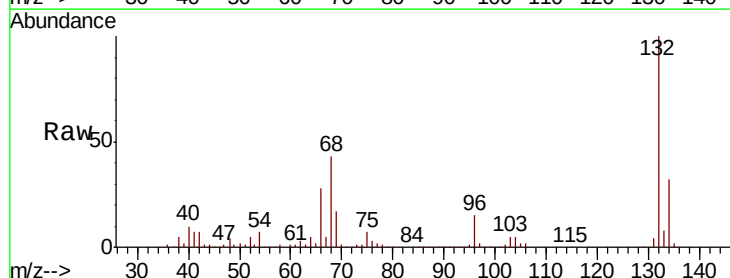
Tgt Ion: 94 Resp: 813

Ion Ratio Lower Upper

94 100

65 984.8 9.7 49.7#

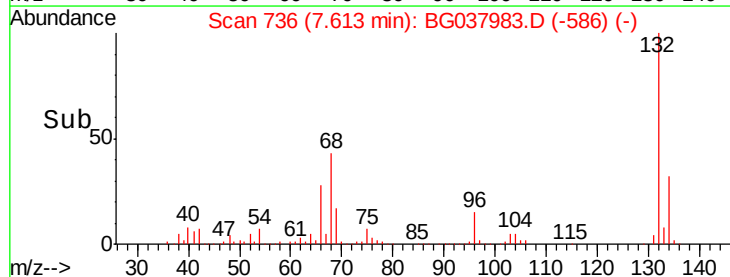
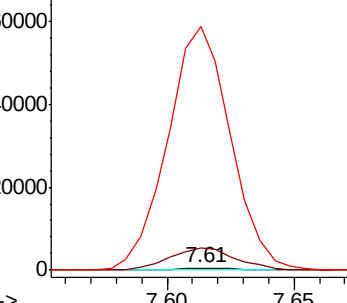
66 11133.3 15.9 55.9#

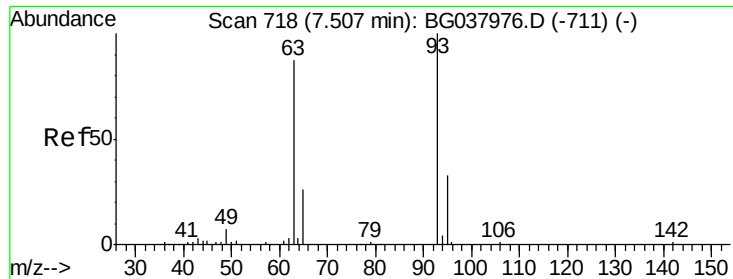


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

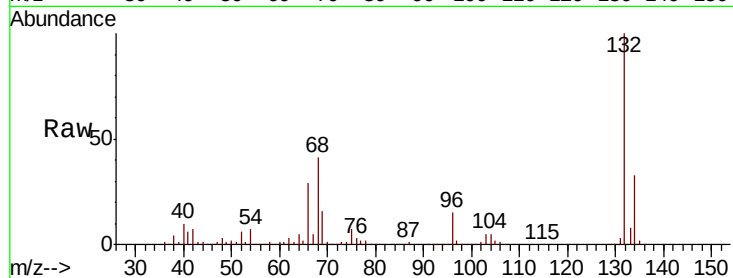




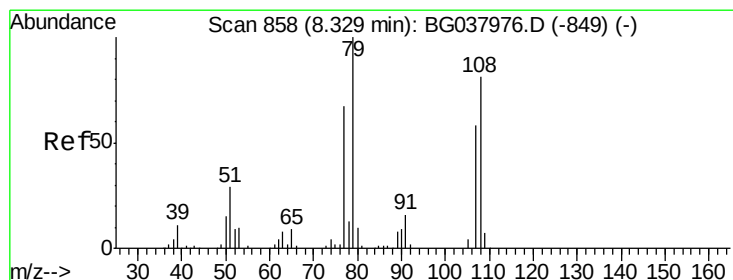
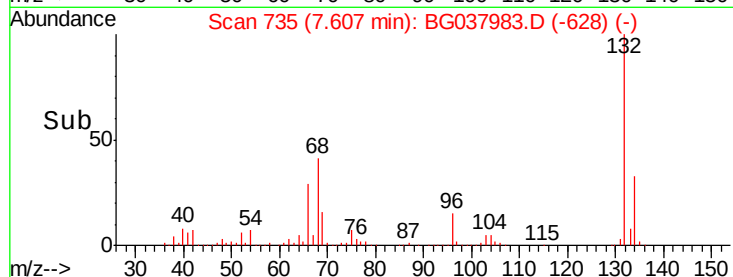
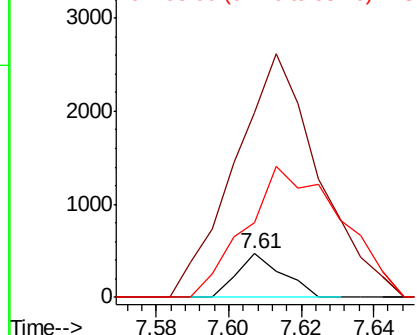
#11
bis(2-Chloroethyl)ether
Concen: 0.119 ng
RT: 7.61 min Scan# 735
Delta R.T. 0.10 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Instrument :
BNA_G
ClientSampleId :
SR-6-S

Tgt Ion: 93 Resp: 406
Ion Ratio Lower Upper
93 100
63 426.1 69.5 109.5#
95 171.3 12.6 52.6#

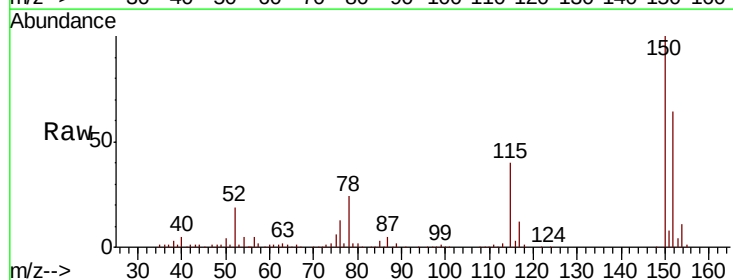


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

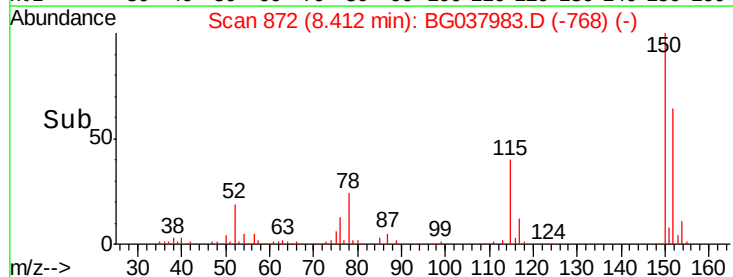
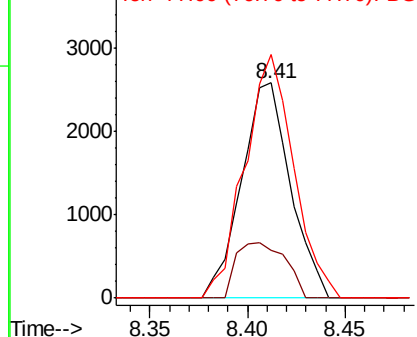


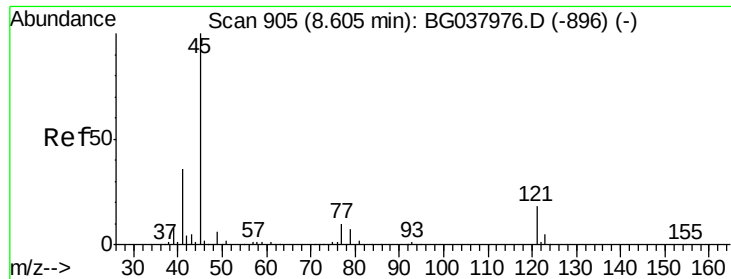
#15
Benzyl Alcohol
Concen: 1.563 ng
RT: 8.41 min Scan# 872
Delta R.T. 0.08 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion: 79 Resp: 4477
Ion Ratio Lower Upper
79 100
108 22.3 65.8 98.8#
77 113.3 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

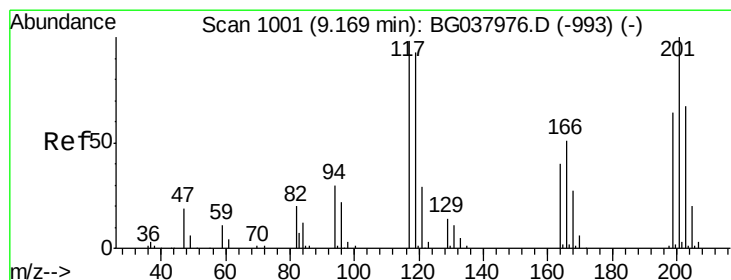
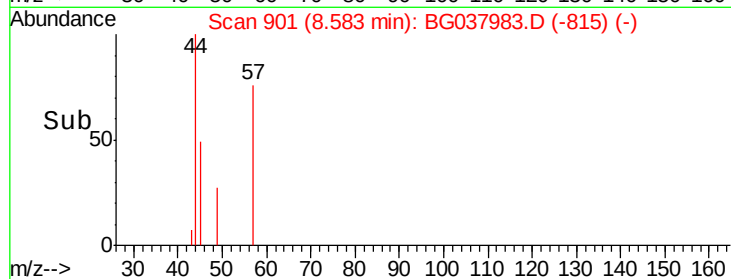
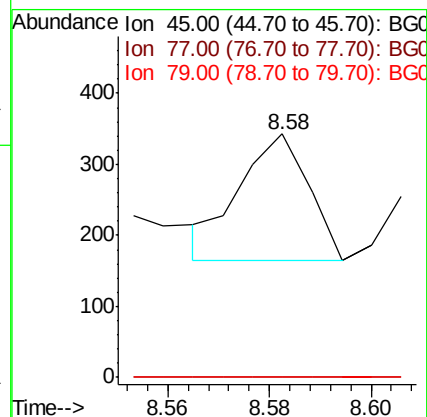
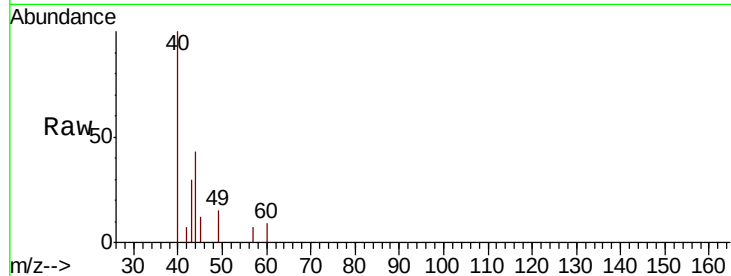




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.026 ng
 RT: 8.58 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

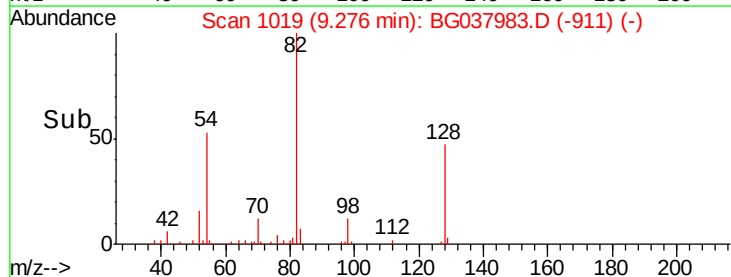
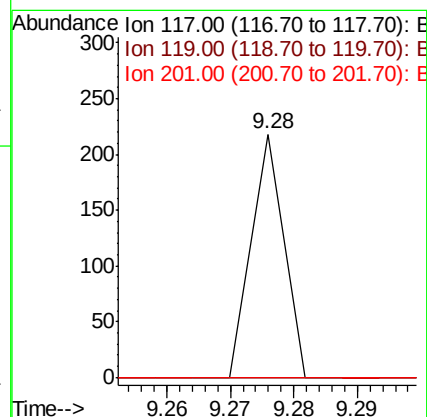
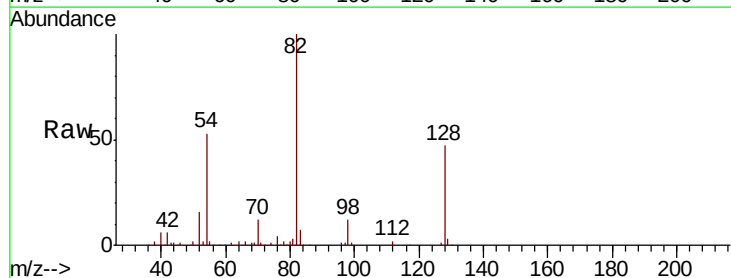
Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

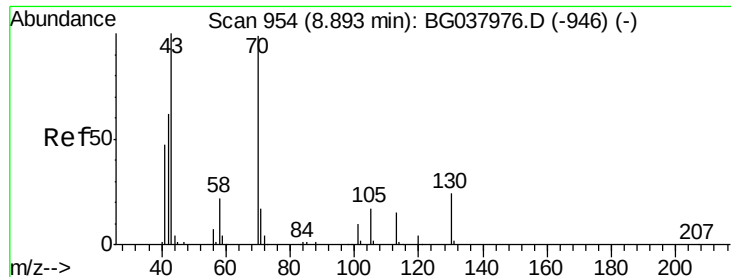
Tgt Ion: 45 Resp: 166
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 29.0



#18
 Hexachloroethane
 Concen: 0.057 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.11 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion: 117 Resp: 77
 Ion Ratio Lower Upper
 117 100
 119 0.0 74.6 111.8#
 201 0.0 80.8 121.2#

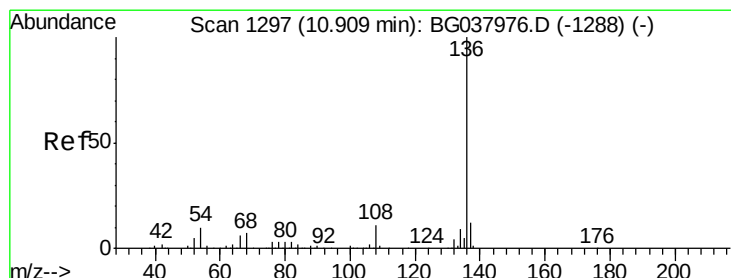
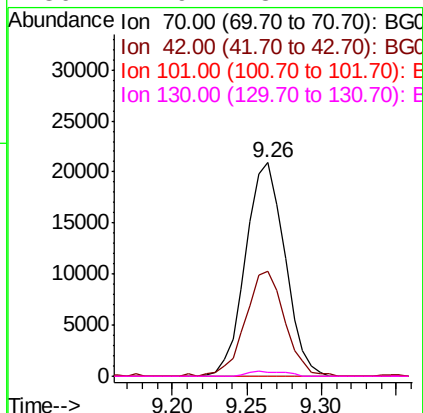
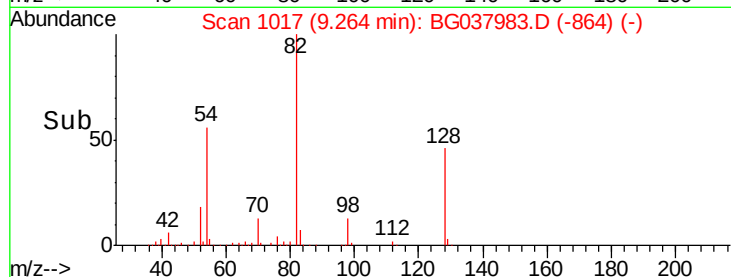
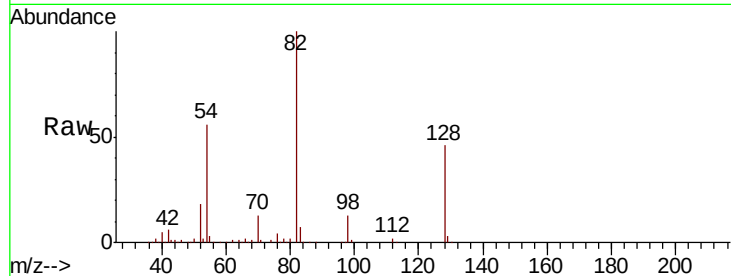




#19
n-Nitroso-di-n-propylamine
Concen: 13.305 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

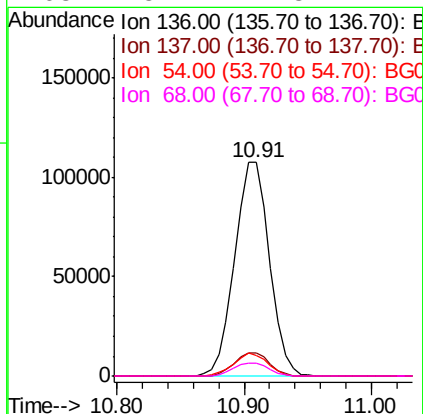
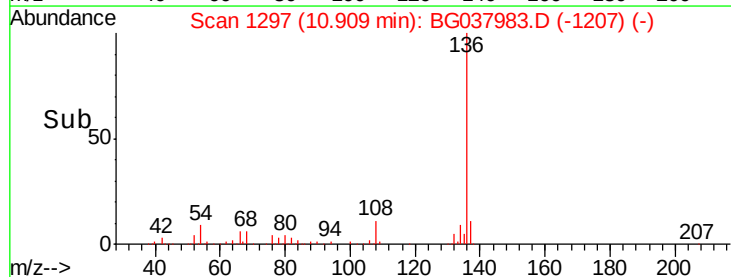
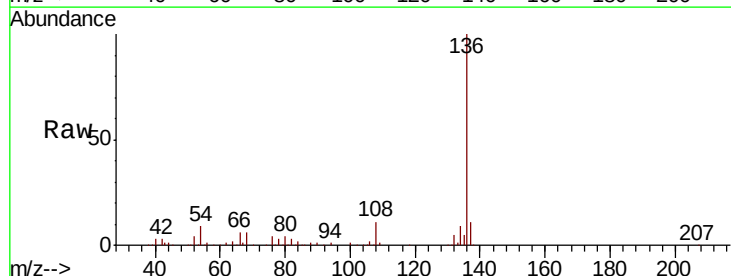
Instrument :
BNA_G
ClientSampleId :
SR-6-S

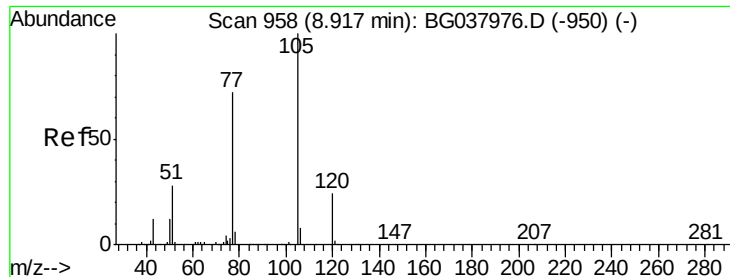
Tgt Ion: 70 Resp: 38111
Ion Ratio Lower Upper
70 100
42 49.1 53.9 80.9#
101 0.0 8.2 12.2#
130 1.9 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion: 136 Resp: 204079
Ion Ratio Lower Upper
136 100
137 10.7 9.6 14.4
54 9.4 7.9 11.9
68 5.7 4.8 7.2

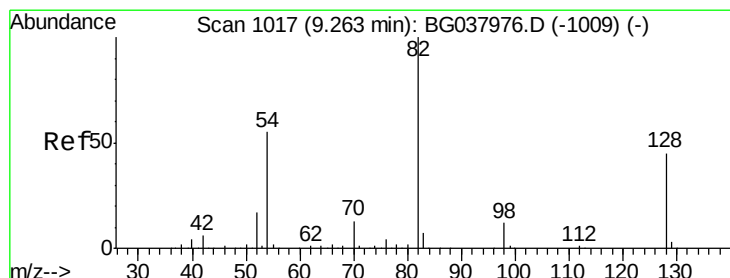
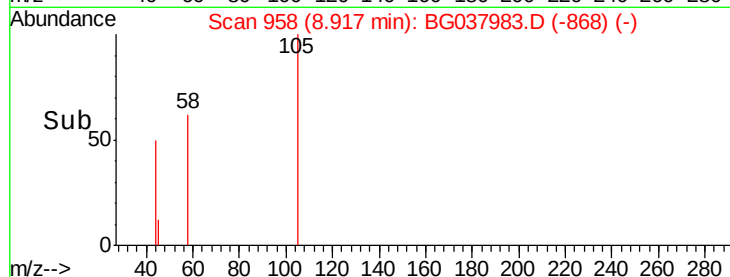
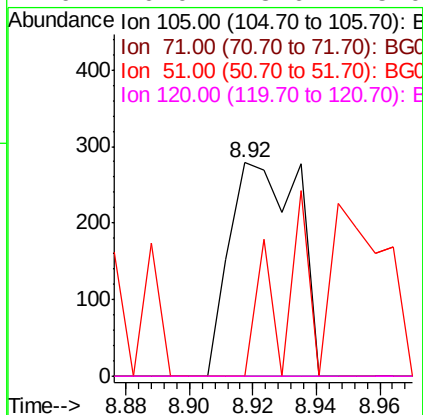
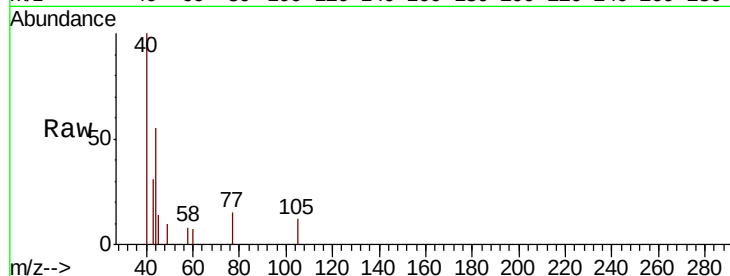




#22
Acetophenone
Concen: 0.083 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

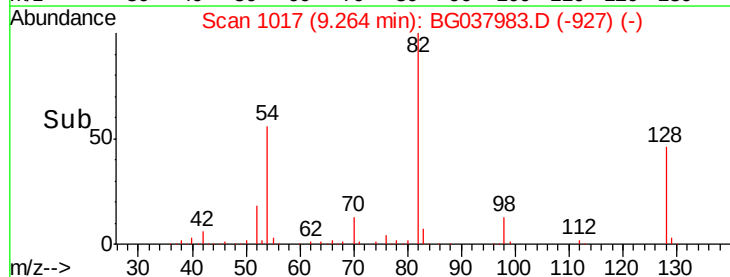
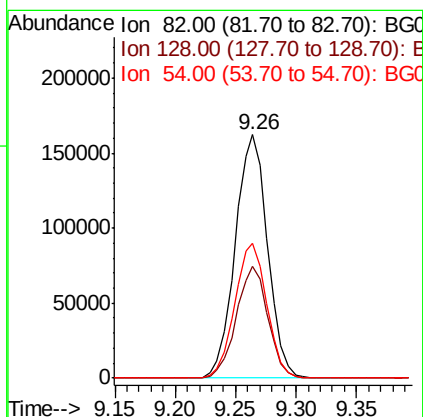
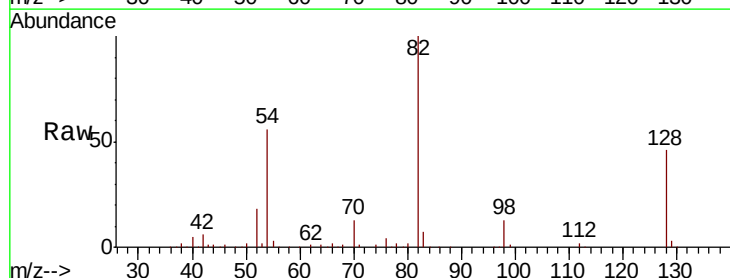
Instrument :
BNA_G
ClientSampleId :
SR-6-S

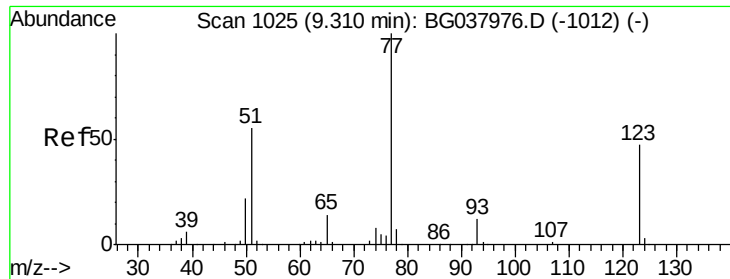
Tgt Ion: 105 Resp: 420
Ion Ratio Lower Upper
105 100
71 0.0 1.2 1.8#
51 0.0 25.0 37.6#
120 0.0 18.6 28.0#



#23
Nitrobenzene-d5
Concen: 79.193 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion: 82 Resp: 301917
Ion Ratio Lower Upper
82 100
128 46.1 34.6 51.8
54 55.6 45.3 67.9

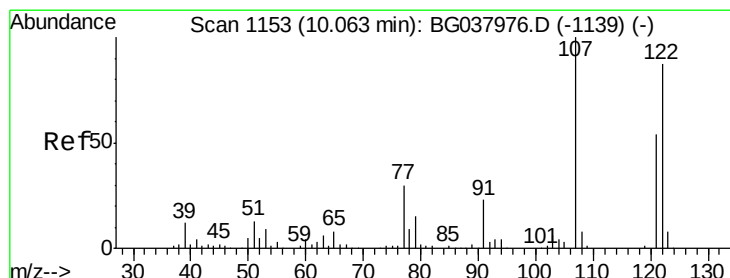
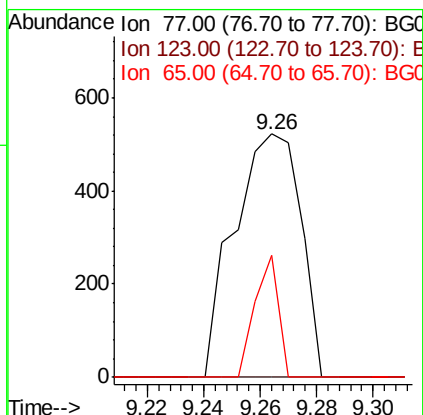
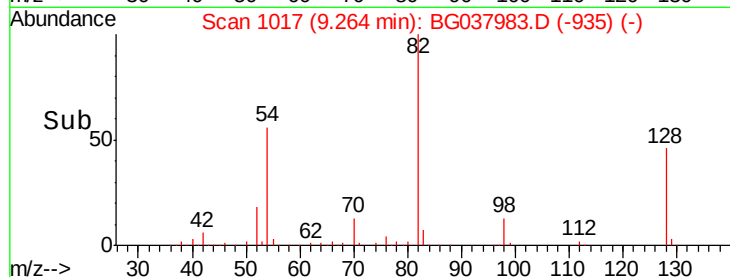
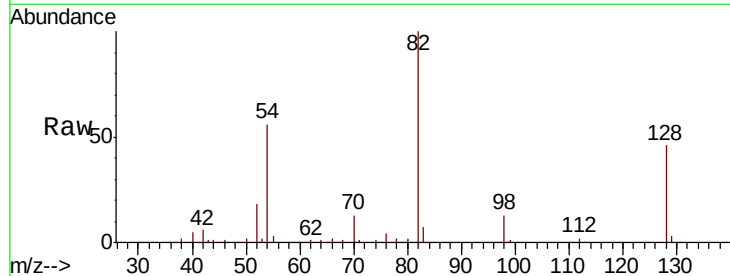




#24
 Nitrobenzene
 Concen: 0.218 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.05 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

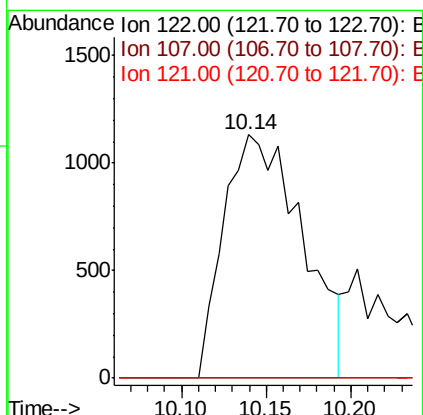
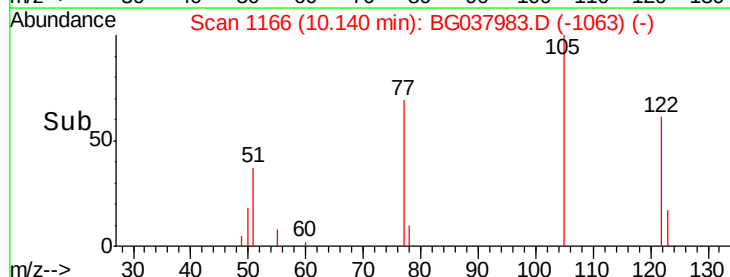
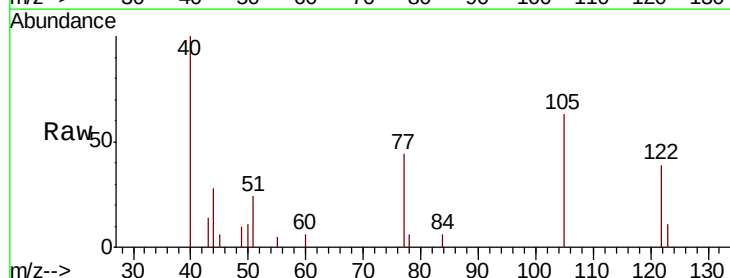
Instrument :
 BNA_G
 ClientSampleID :
 SR-6-S

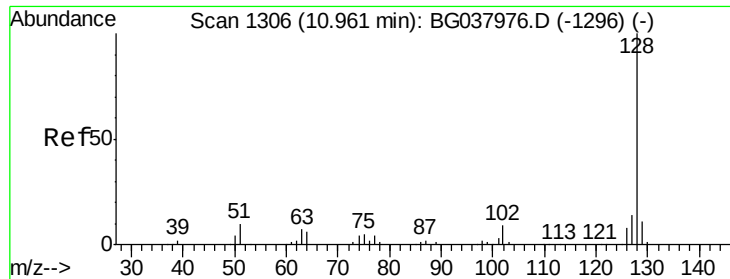
Tgt Ion: 77 Resp: 851
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.6 50.4#
 65 49.9 11.3 16.9#



#27
 2,4-Dimethylphenol
 Concen: 1.253 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. 0.08 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion: 122 Resp: 3676
 Ion Ratio Lower Upper
 122 100
 107 0.0 94.2 141.2#
 121 0.0 47.3 70.9#

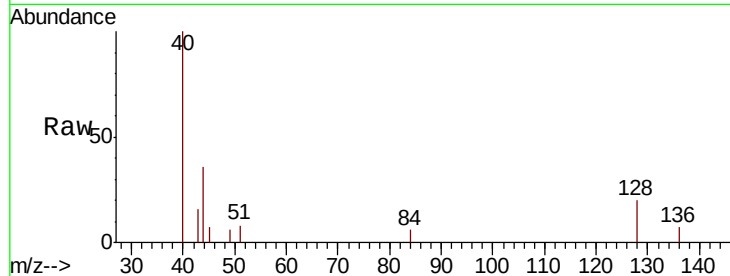




#31
Naphthalene
Concen: 0.080 ng
RT: 10.96 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

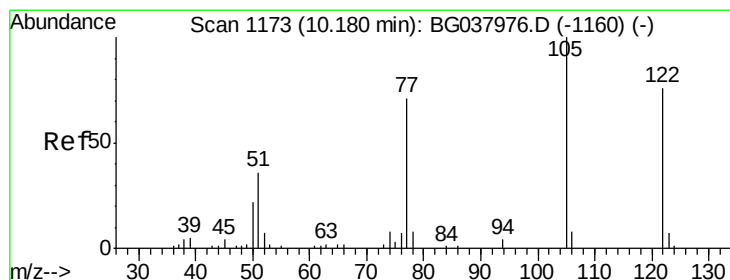
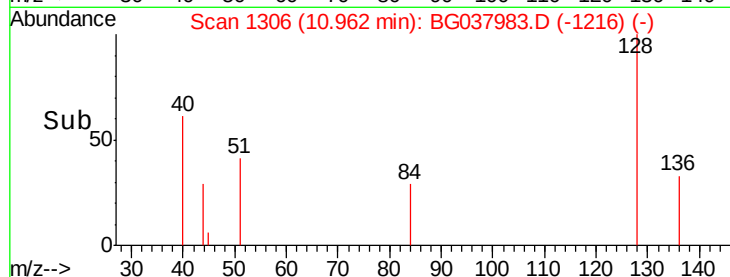
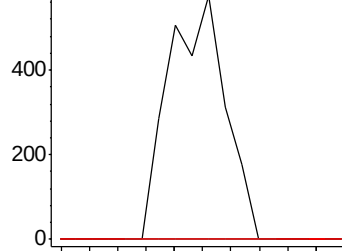
Instrument :
BNA_G
ClientSampleId :
SR-6-S

Tgt Ion:128 Resp: 805
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.6#
127 0.0 11.1 16.7#



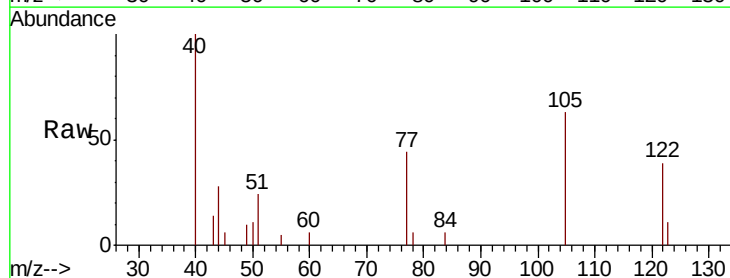
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

10.96

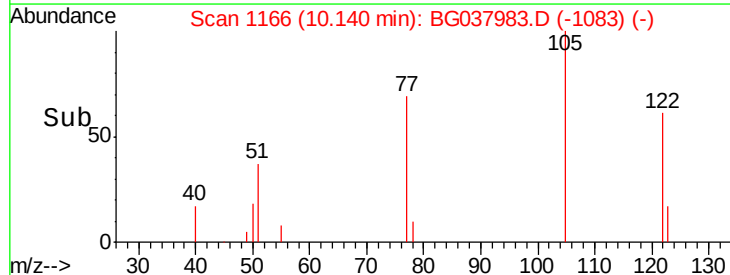
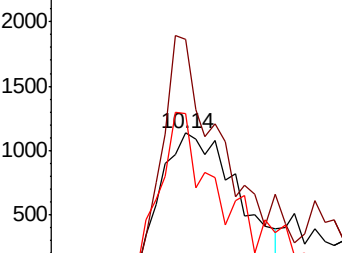


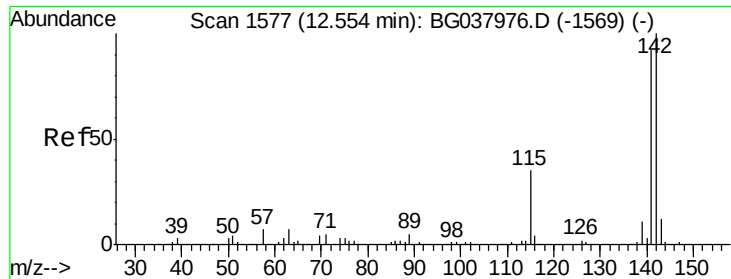
#32
Benzoic acid
Concen: 13.779 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.04 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion:122 Resp: 3676
Ion Ratio Lower Upper
122 100
105 164.3 106.7 146.7#
77 113.9 72.2 112.2#



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): BG

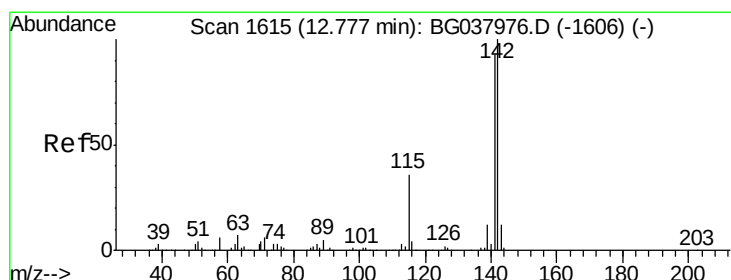
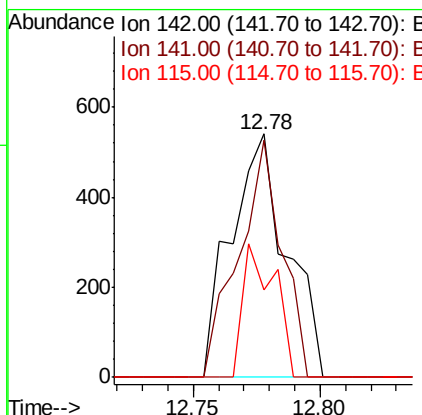
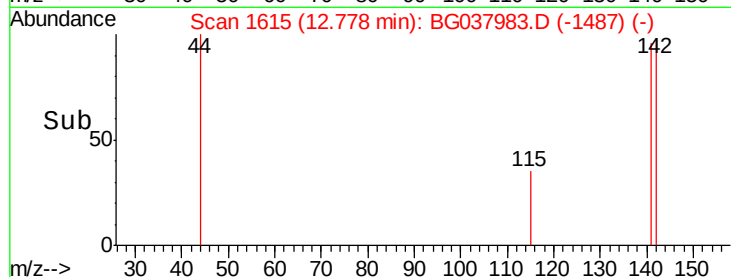
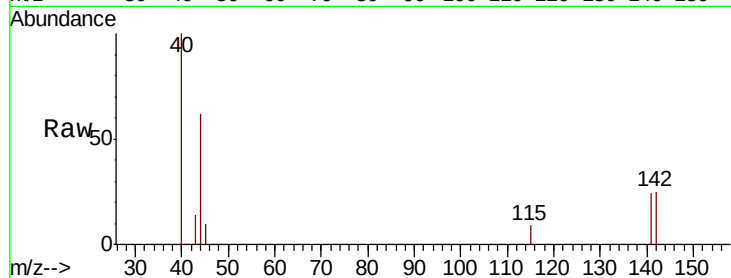




#37
 2-Methylnaphthalene
 Concen: 0.116 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. 0.22 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

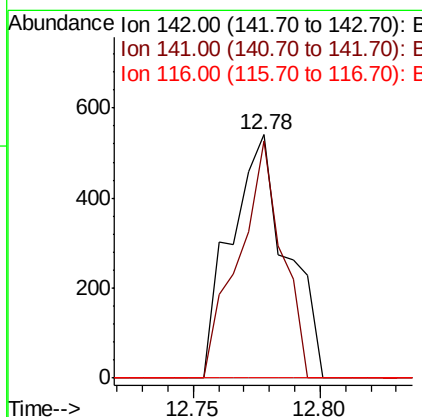
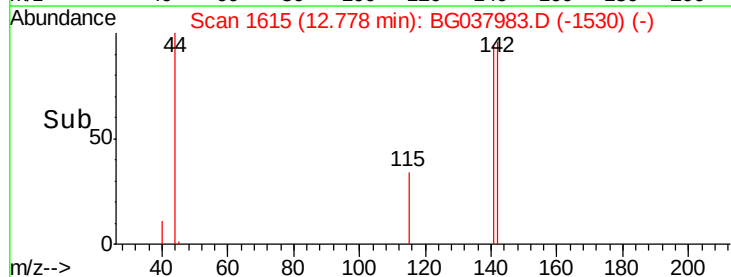
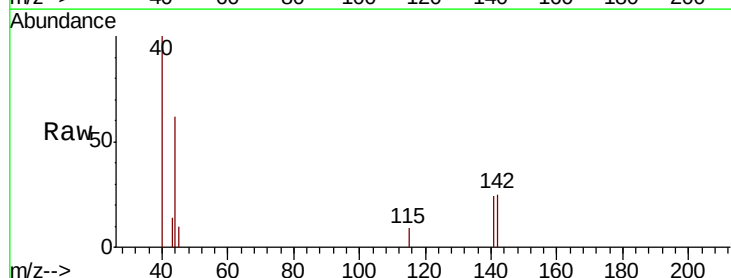
Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

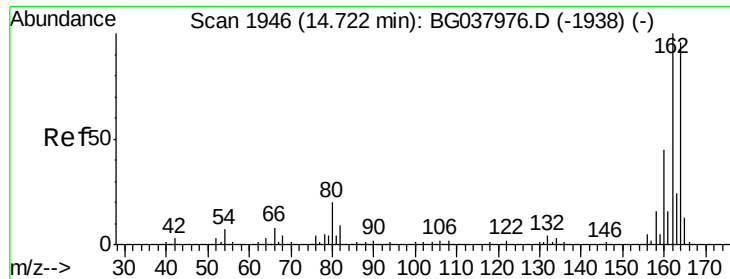
Tgt Ion:142 Resp: 834
 Ion Ratio Lower Upper
 142 100
 141 97.6 71.9 107.9
 115 35.7 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 0.120 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion:142 Resp: 834
 Ion Ratio Lower Upper
 142 100
 141 97.6 75.2 112.8
 116 0.0 3.3 4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

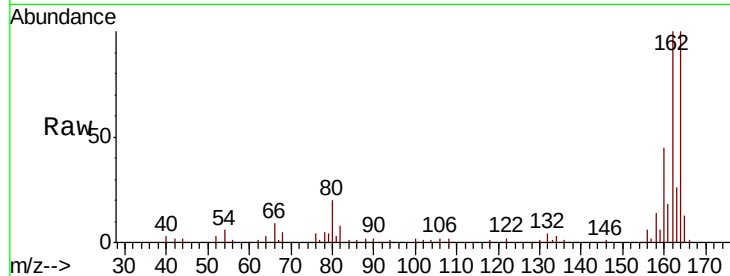
Tgt Ion:164 Resp: 130353

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

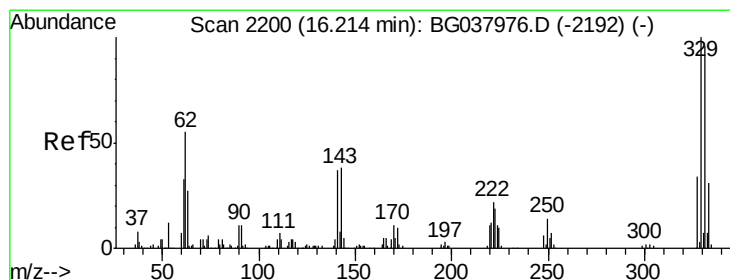
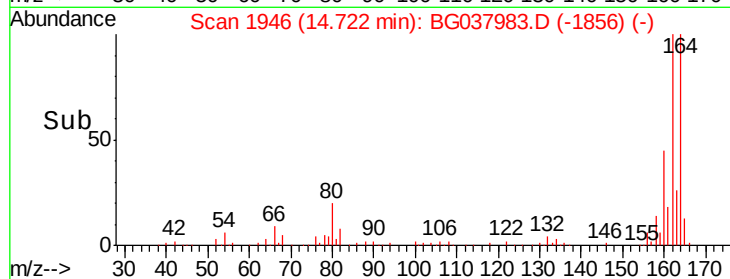
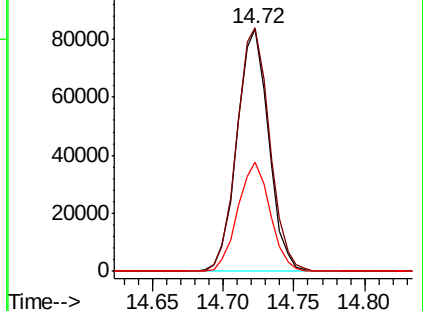
160 44.9 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 124.293 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

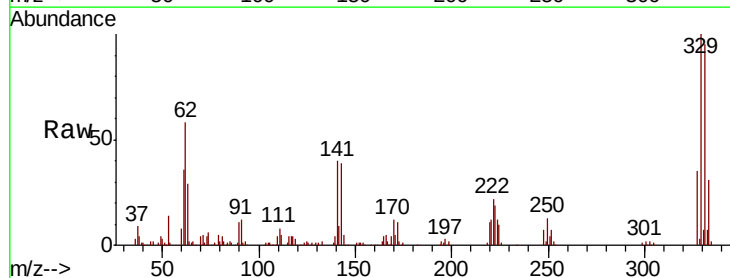
Tgt Ion:330 Resp: 184780

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

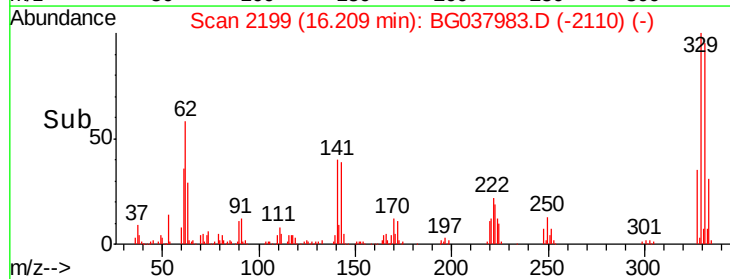
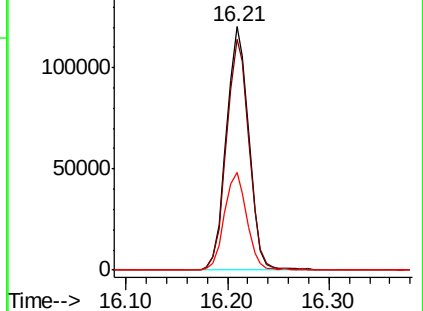
141 40.1 32.2 48.2

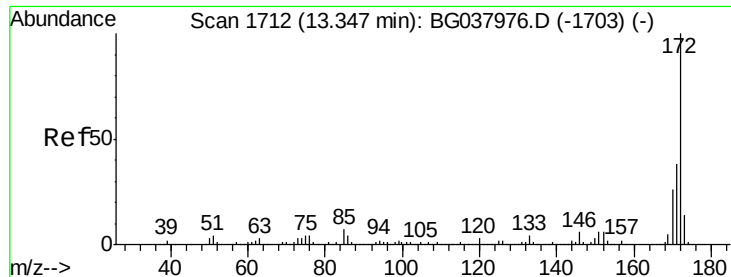


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

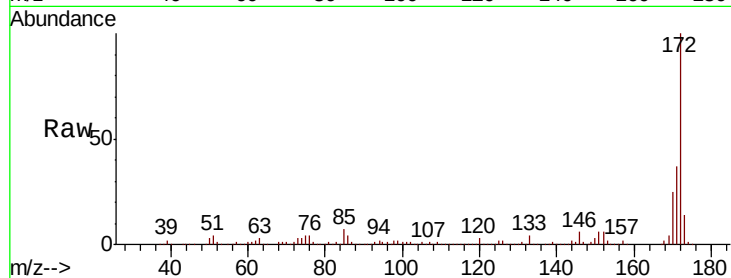




#45
 2-Fluorobiphenyl
 Concen: 77.638 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	25.0	20.2	30.2

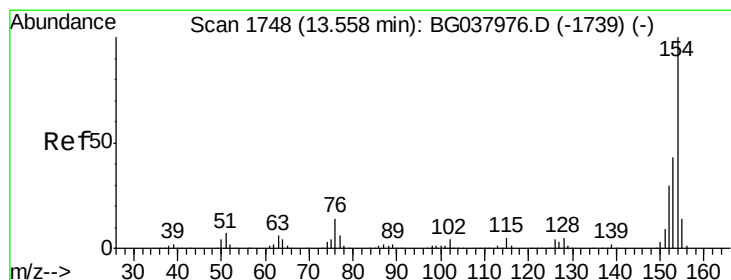
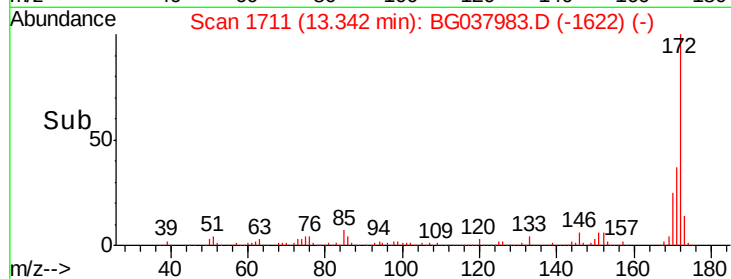
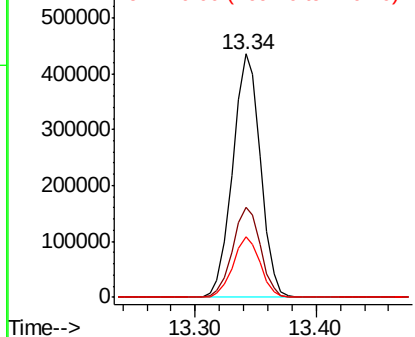


Abundance

Ion 172.00 (171.70 to 172.70): E

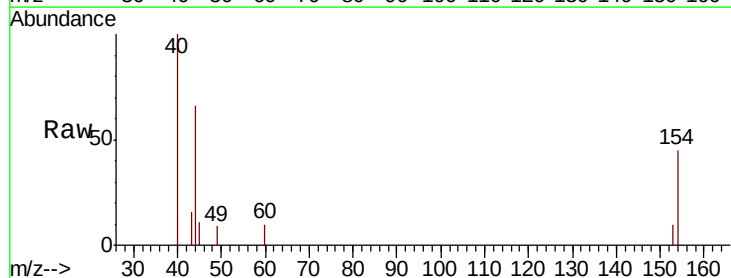
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 0.111 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. 0.01 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	21.9	22.1	62.1#
76	0.0	0.0	33.2

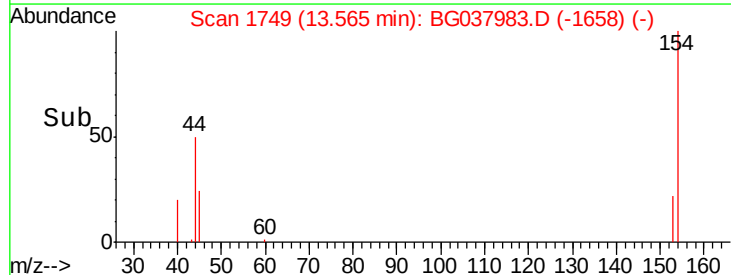
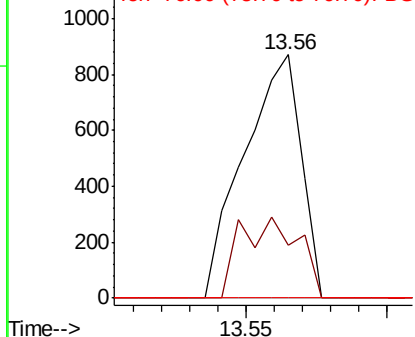


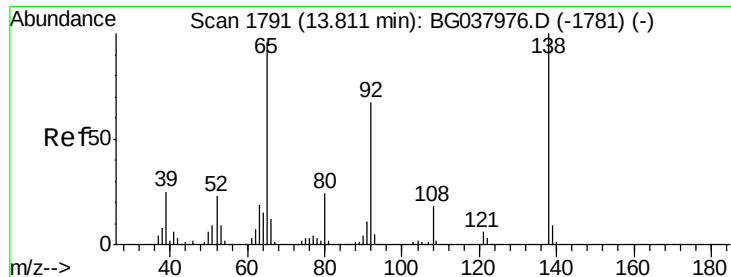
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





#48

2-Nitroaniline

Concen: 0.354 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.47 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

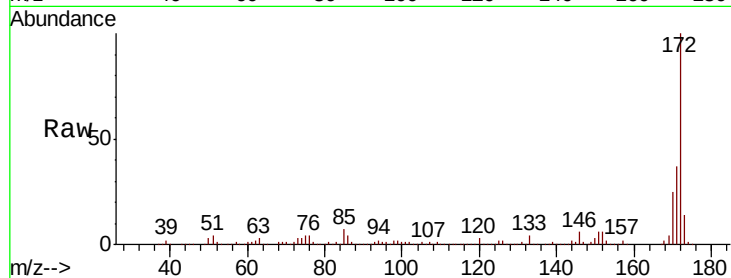
Tgt Ion: 65 Resp: 930

Ion Ratio Lower Upper

65 100

92 217.3 53.2 79.8#

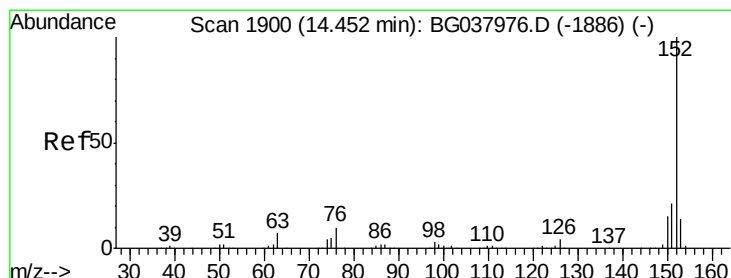
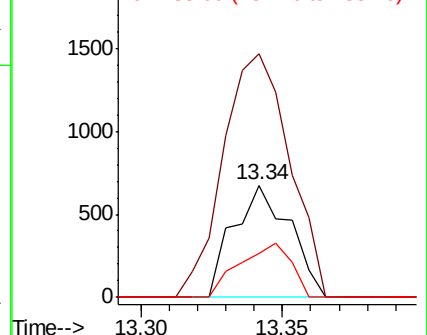
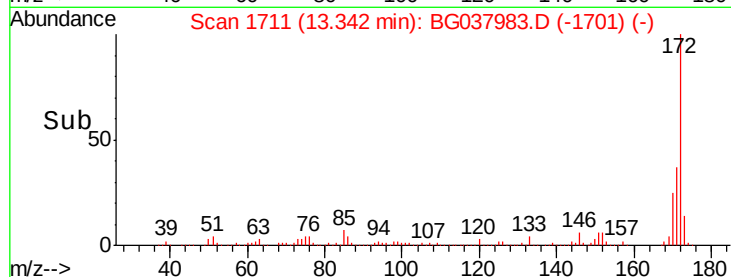
138 39.3 79.3 118.9#



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): BGC



#49

Acenaphthylene

Concen: 0.012 ng

RT: 14.45 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

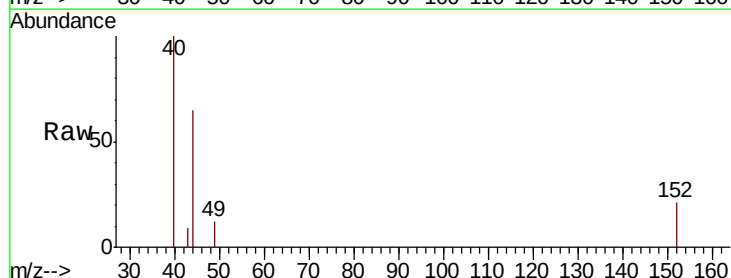
Tgt Ion: 152 Resp: 148

Ion Ratio Lower Upper

152 100

151 0.0 17.1 25.7#

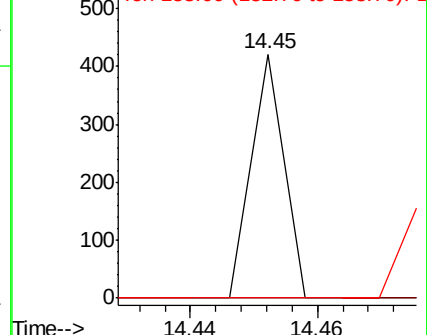
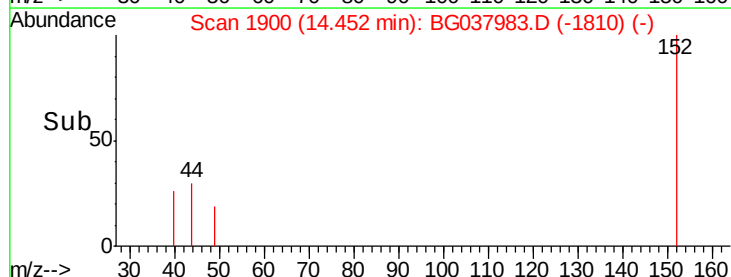
153 0.0 11.1 16.7#

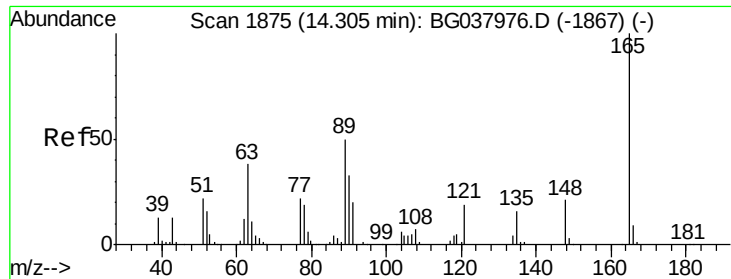


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC

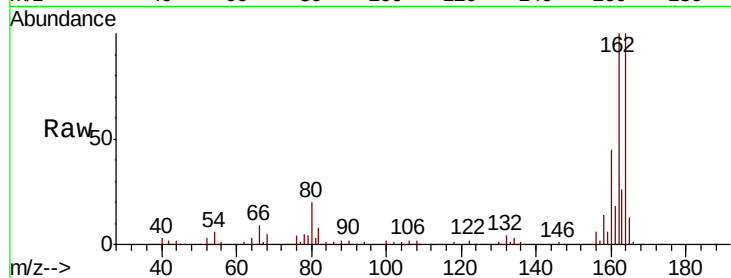




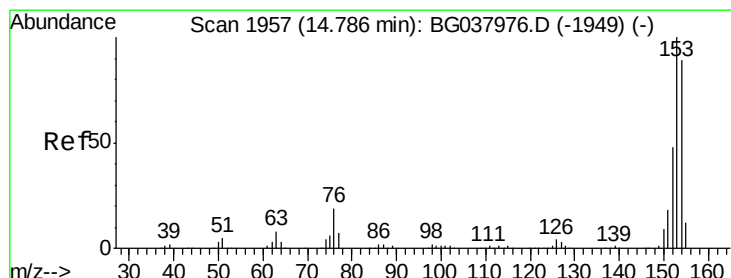
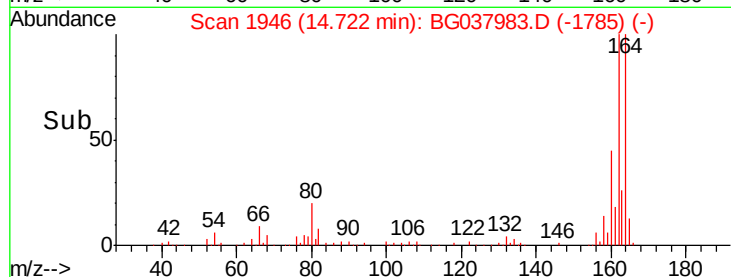
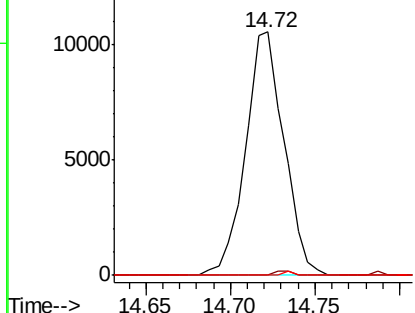
#51
 2,6-Dinitrotoluene
 Concen: 7.146 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#

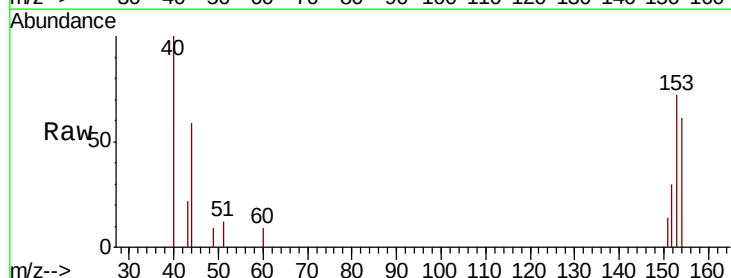


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

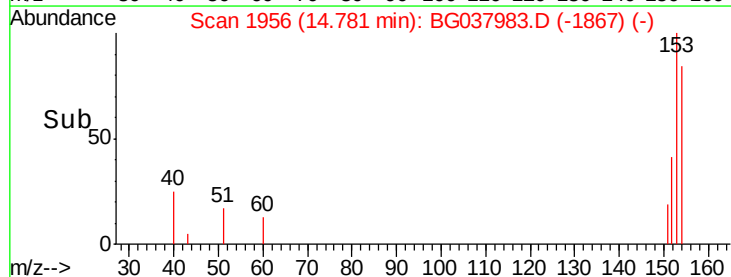
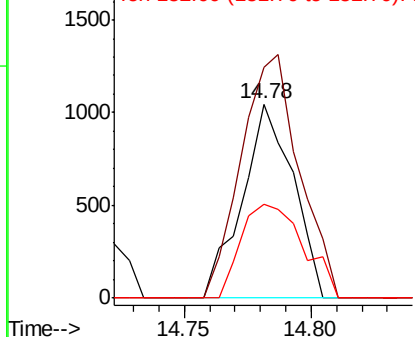


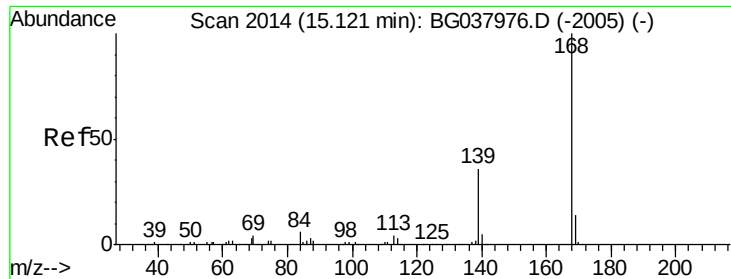
#52
 Acenaphthene
 Concen: 0.194 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.9	93.4	140.0
152	48.6	44.7	67.1



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

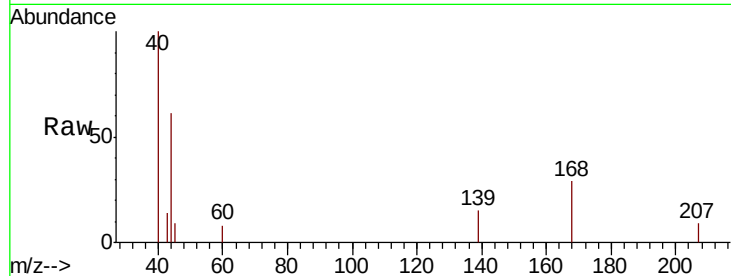




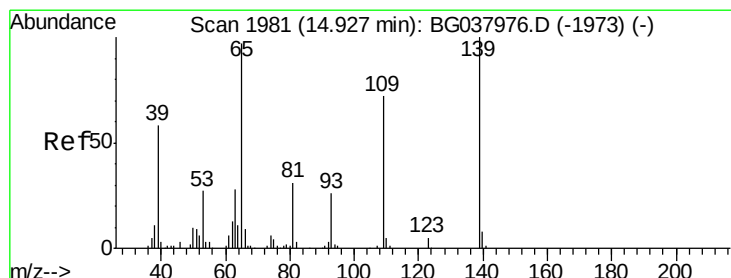
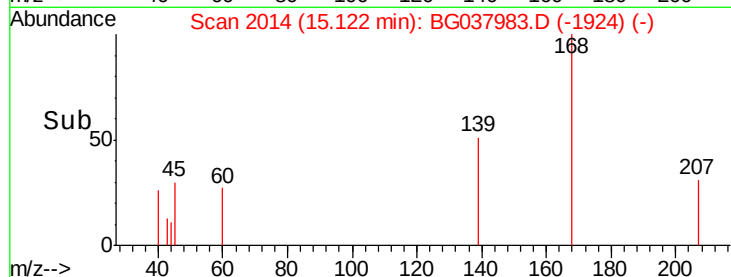
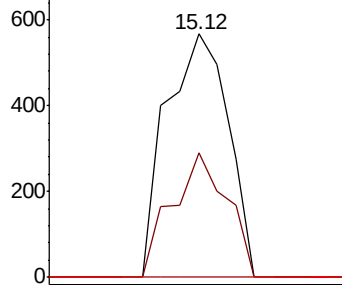
#55
Dibenzenofuran
Concen: 0.061 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Instrument :
BNA_G
ClientSampled :
SR-6-S

Tgt Ion:168 Resp: 765
Ion Ratio Lower Upper
168 100
139 51.0 29.4 44.0#
169 0.0 11.0 16.6#

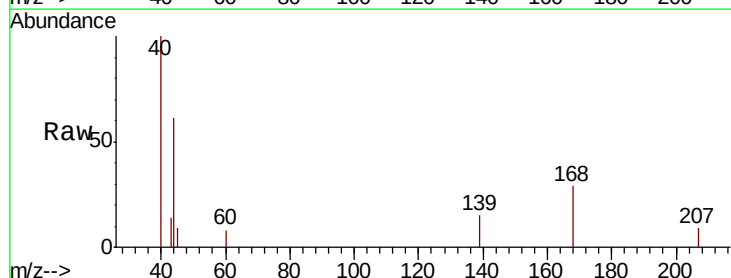


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

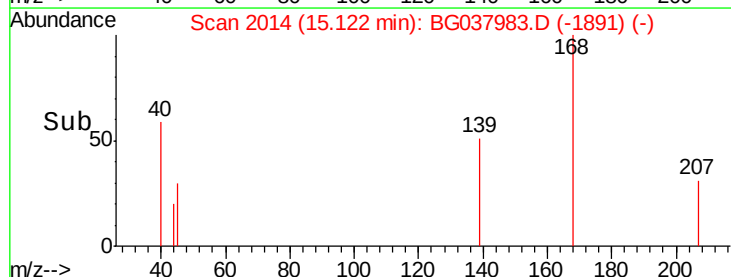
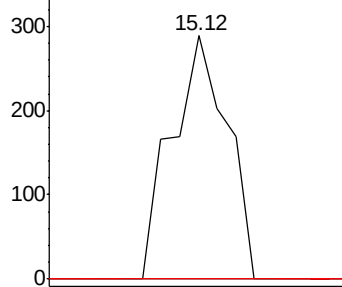


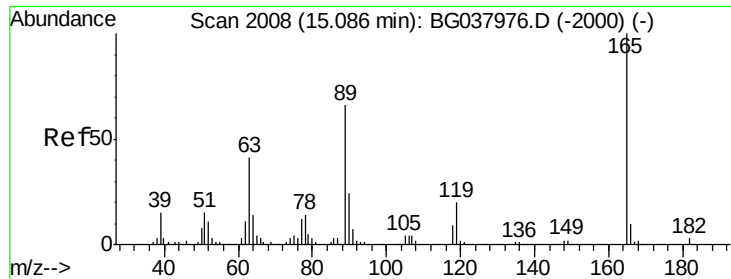
#56
4-Nitrophenol
Concen: 0.176 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.19 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion:139 Resp: 351
Ion Ratio Lower Upper
139 100
109 0.0 49.5 89.5#
65 0.0 76.8 116.8#



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

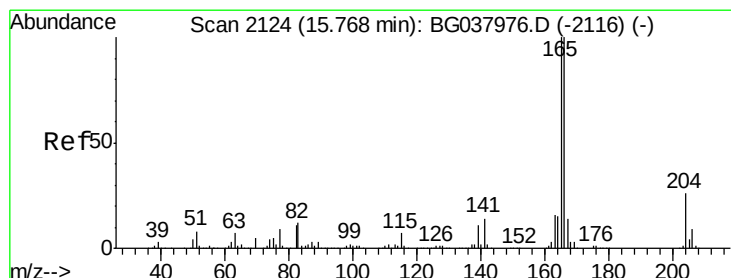
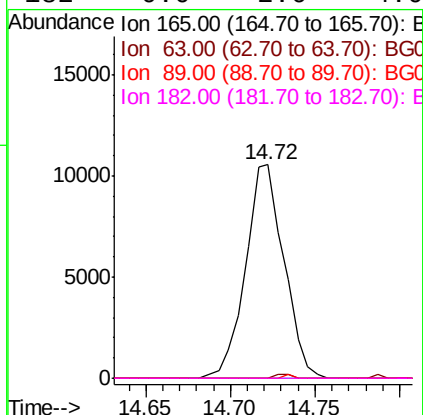
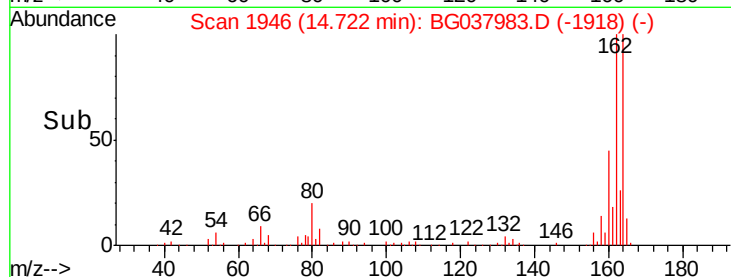
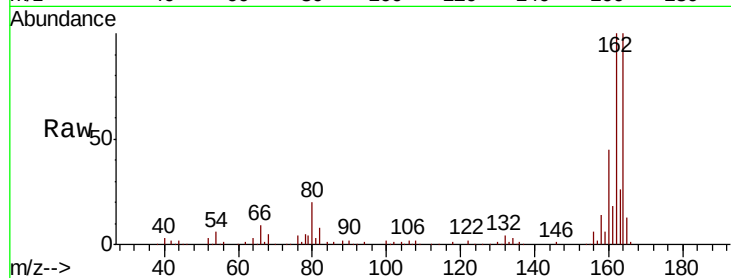




#57
 2,4-Dinitrotoluene
 Concen: 5.252 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

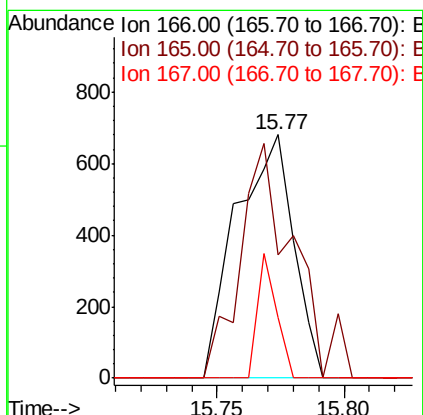
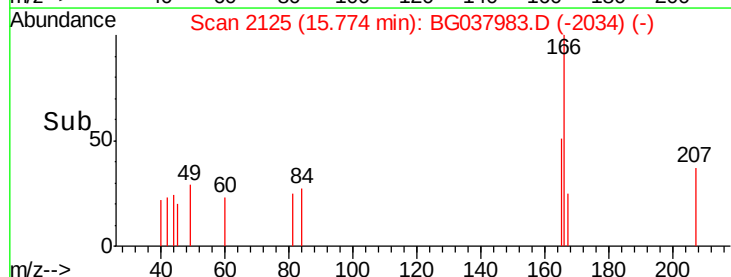
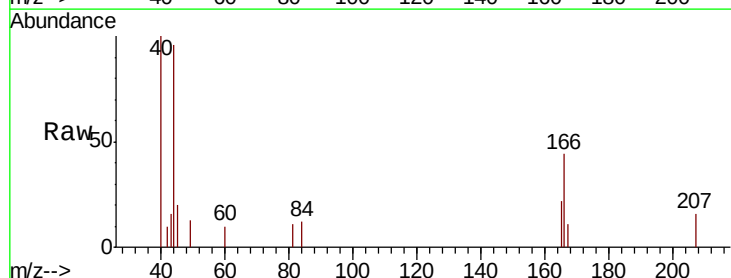
Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

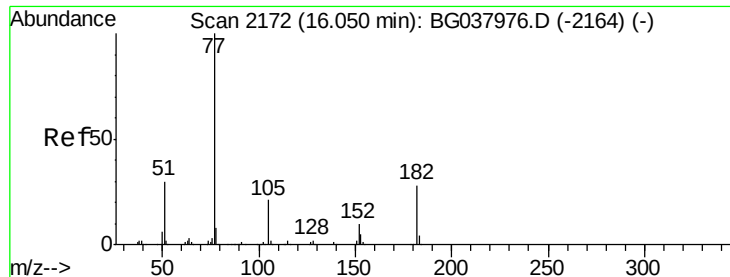
Tgt Ion:	165	Resp:	16713
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#58
 Fluorene
 Concen: 0.115 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion:	166	Resp:	1069
Ion	Ratio	Lower	Upper
166	100		
165	50.7	79.0	118.6#
167	25.1	11.3	16.9#





#63

Azobenzene

Concen: 0.108 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.16 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

Tgt Ion: 77 Resp: 1060

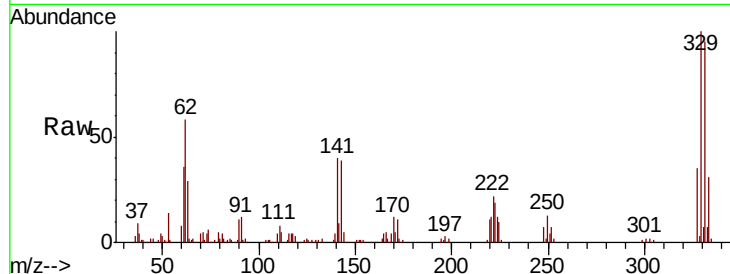
Ion Ratio Lower Upper

77 100

182 26.1 8.0 48.0

105 103.0 1.3 41.3#

51 79.7 10.7 50.7#

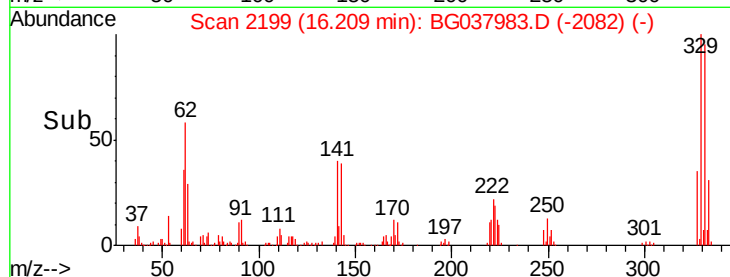


Abundance Ion 77.00 (76.70 to 77.70): BGC

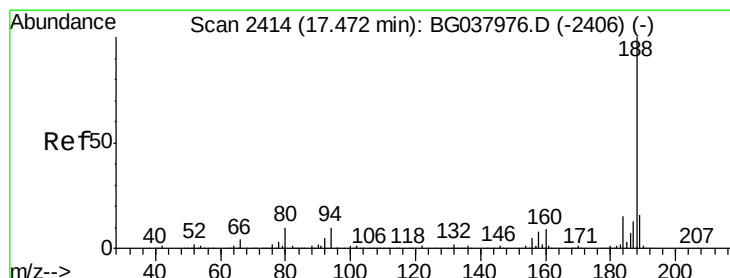
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

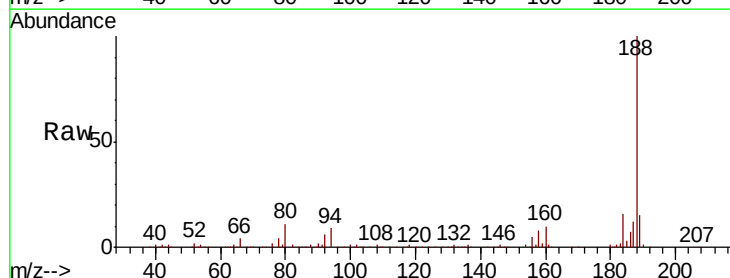
Tgt Ion: 188 Resp: 320910

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

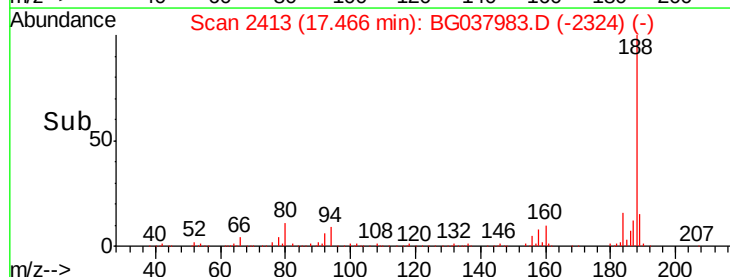
80 10.9 7.7 11.5



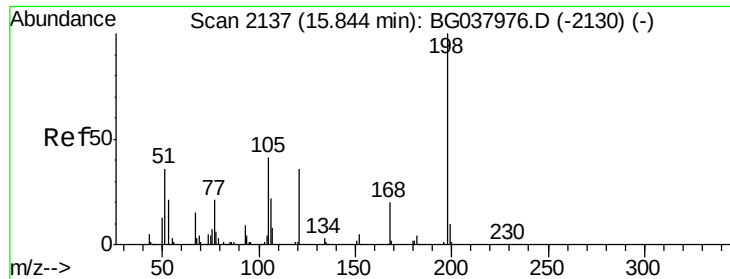
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



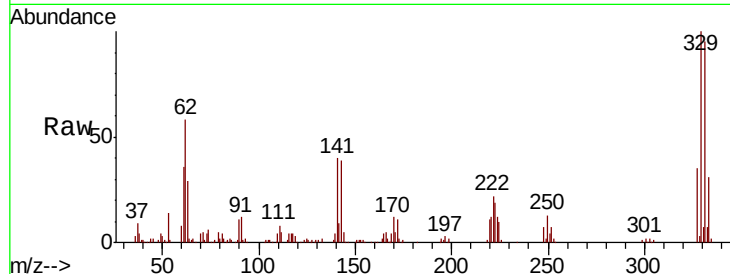
Time-->



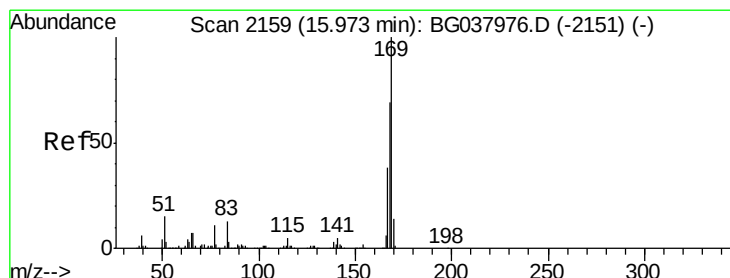
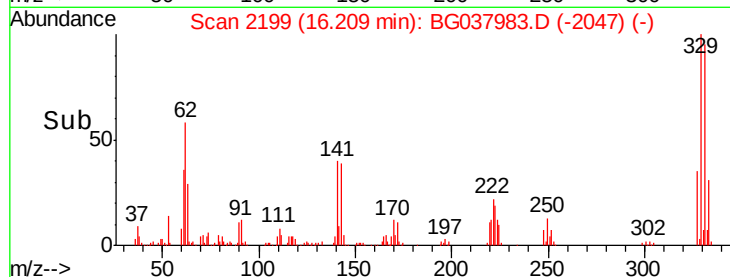
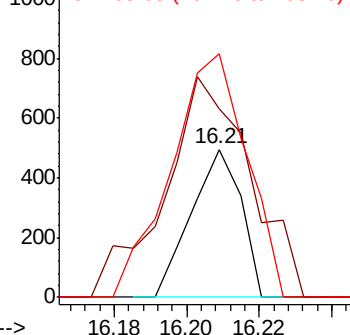
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.233 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.36 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Instrument :
 BNA_G
 ClientSampled :
 SR-6-S

Tgt Ion:198 Resp: 472
 Ion Ratio Lower Upper
 198 100
 51 25.2 22.7 62.7
 105 32.6 19.7 59.7

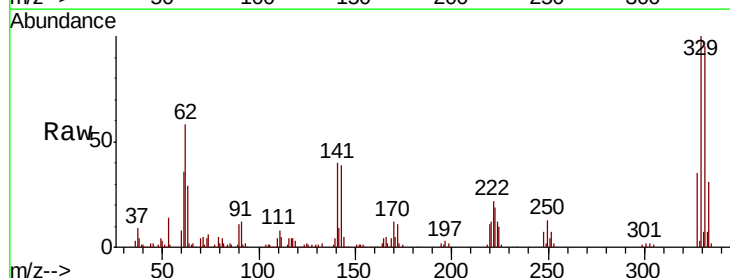


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

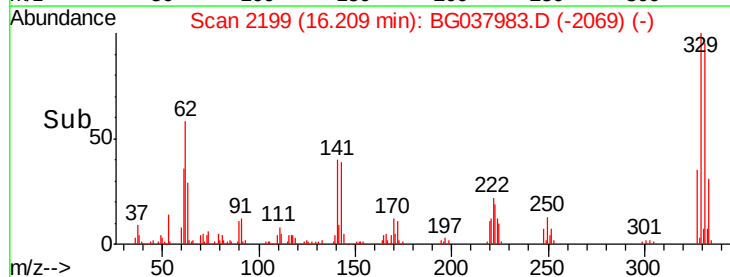
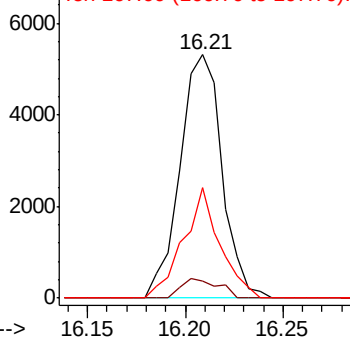


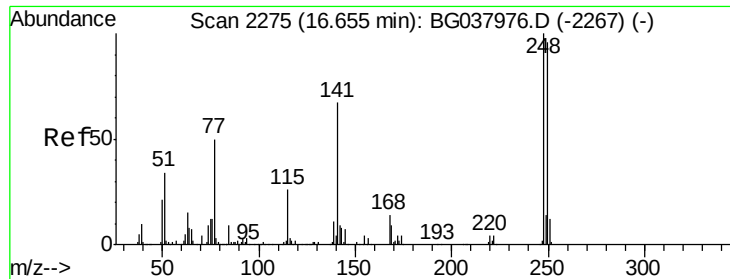
#66
 n-Nitrosodiphenylamine
 Concen: 0.816 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.24 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion:169 Resp: 7924
 Ion Ratio Lower Upper
 169 100
 168 7.1 55.7 83.5#
 167 45.4 31.3 46.9



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

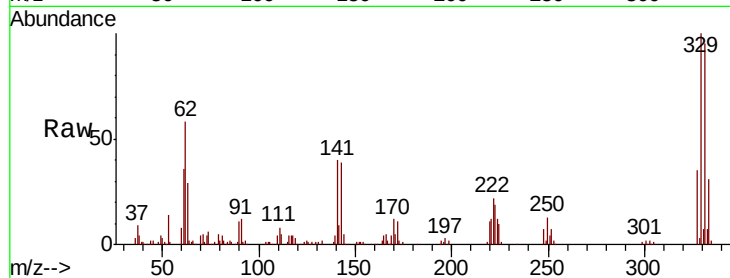




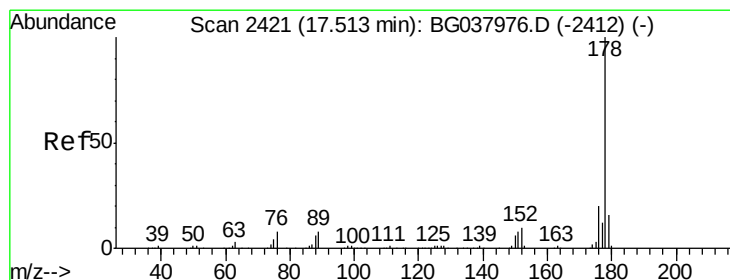
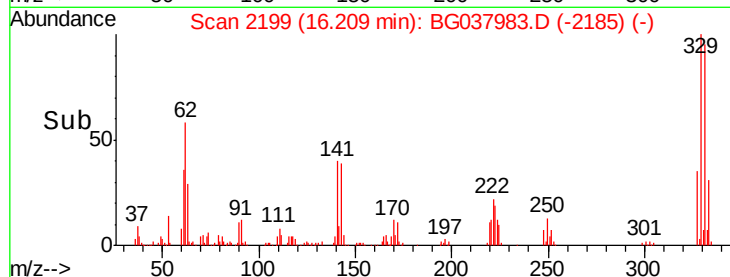
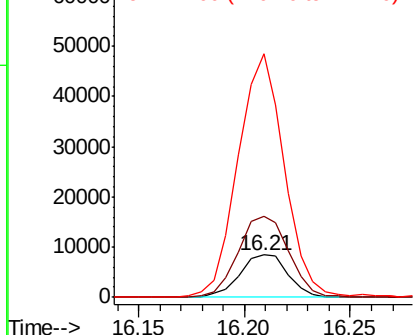
#67
 4-Bromophenyl-phenylether
 Concen: 3.805 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

Tgt Ion:248 Resp: 13403
 Ion Ratio Lower Upper
 248 100
 250 189.5 77.0 115.6#
 141 444.7 55.5 83.3#

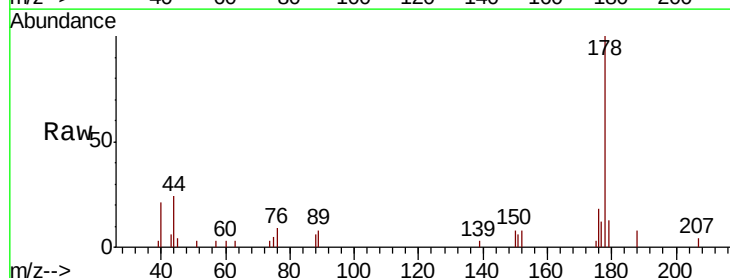


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

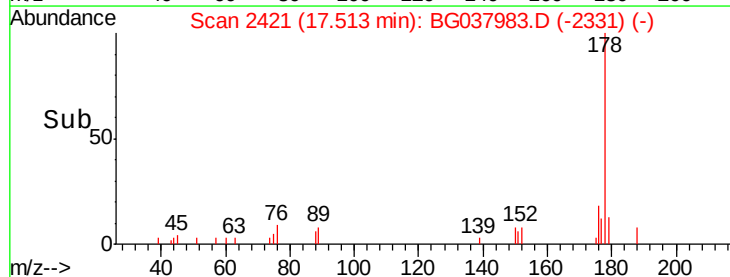
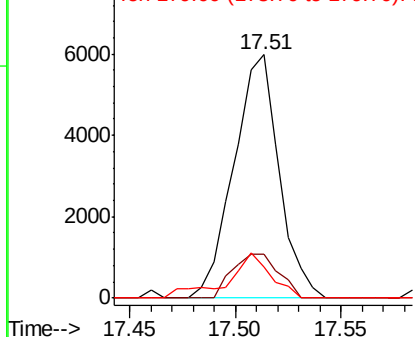


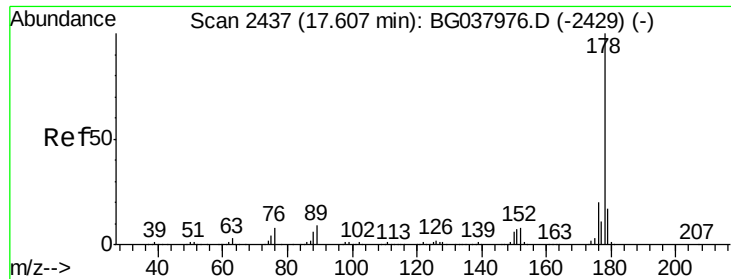
#71
 Phenanthrene
 Concen: 0.540 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion:178 Resp: 8873
 Ion Ratio Lower Upper
 178 100
 176 18.0 16.1 24.1
 179 12.9 13.0 19.4#



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

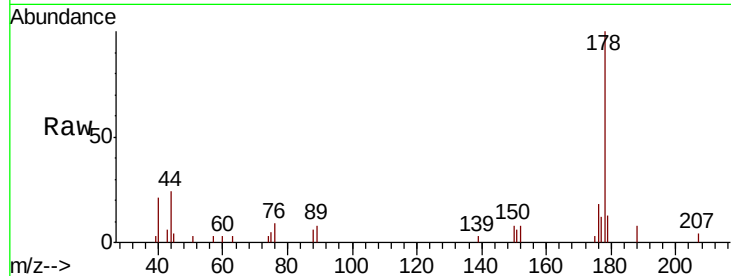




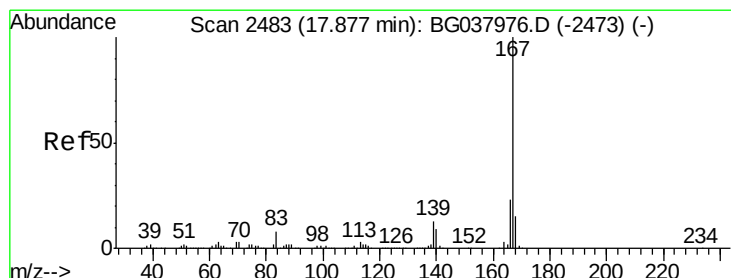
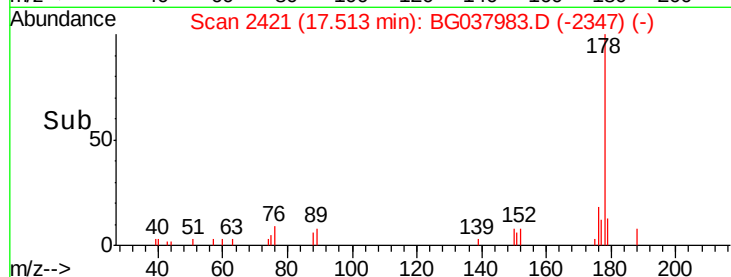
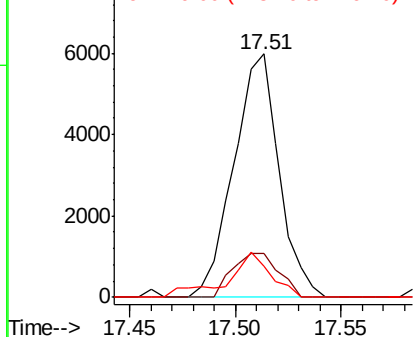
#72
 Anthracene
 Concen: 0.548 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.09 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

Tgt Ion:178 Resp: 8873
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.0 22.4
 179 12.9 12.8 19.2

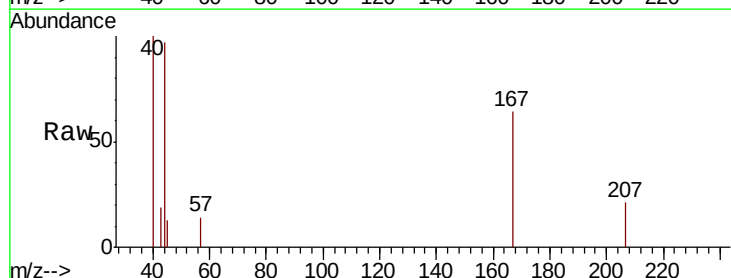


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

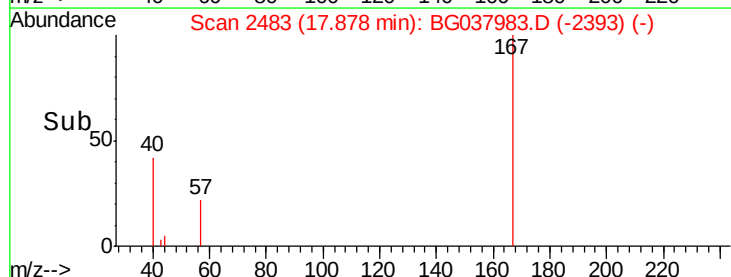
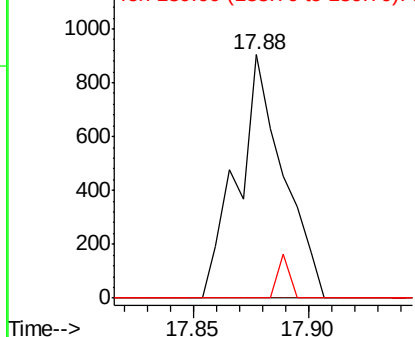


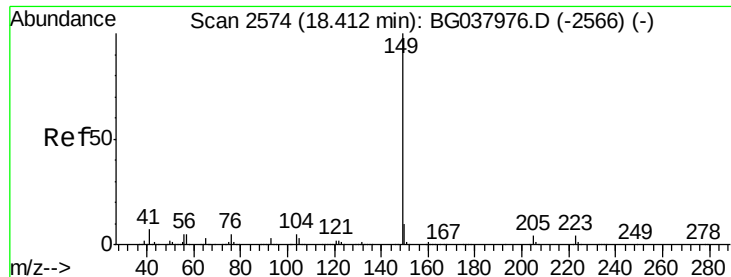
#73
 Carbazole
 Concen: 0.077 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion:167 Resp: 1246
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.3 27.5#
 139 0.0 10.5 15.7#



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





#74

Di-n-butylphthalate

Concen: 0.092 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

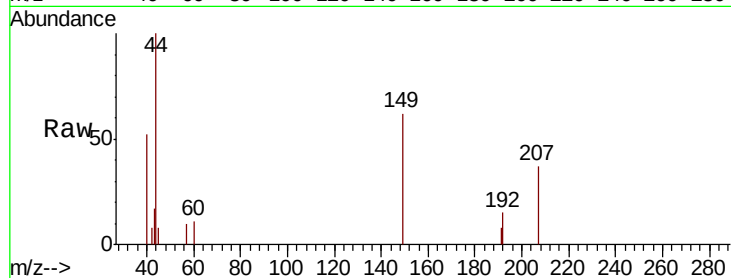
Tgt Ion:149 Resp: 1682

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

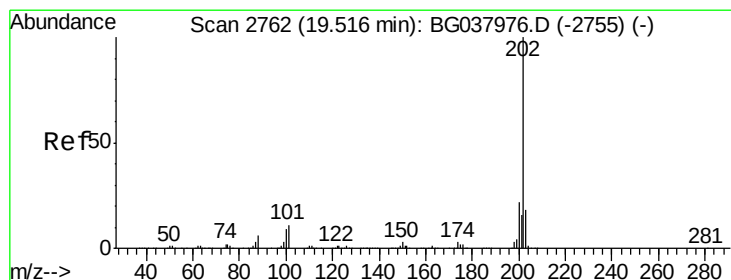
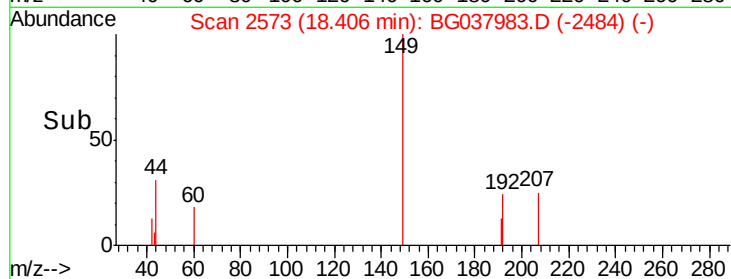
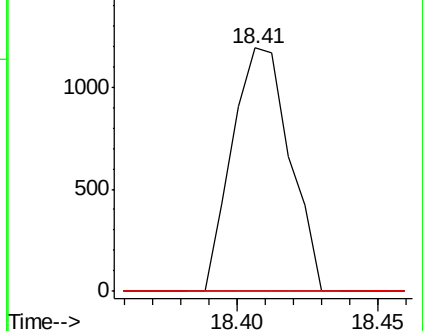
104 0.0 4.0 6.0#



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

Fluoranthene

Concen: 0.349 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

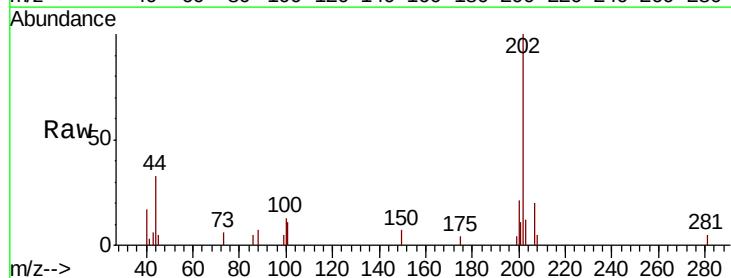
Tgt Ion:202 Resp: 6550

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.7

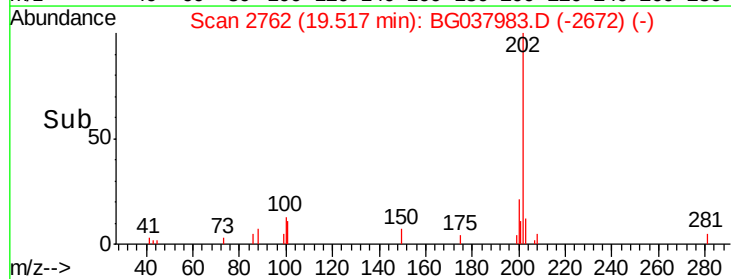
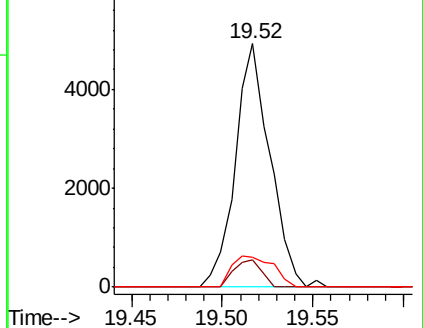
203 12.4 0.0 38.5

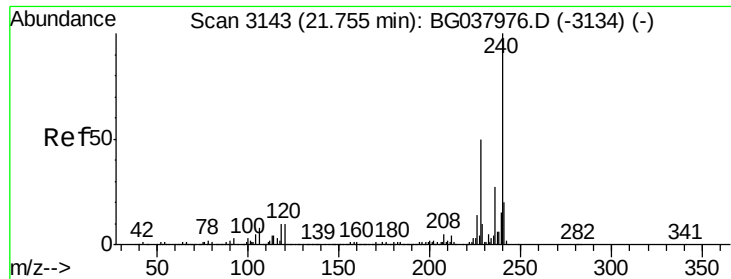


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

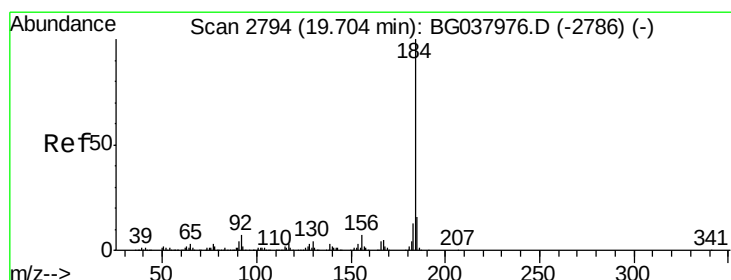
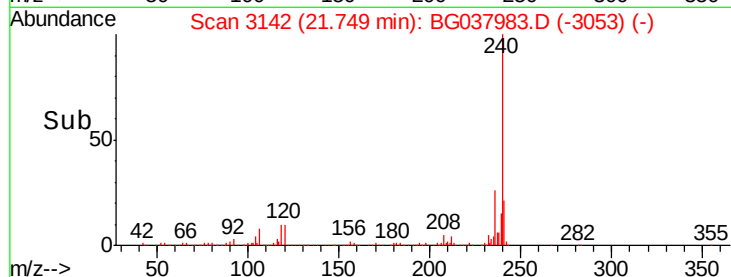
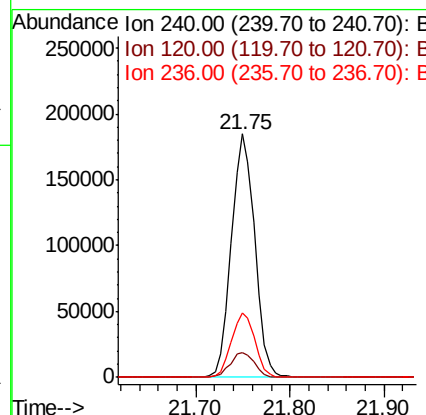
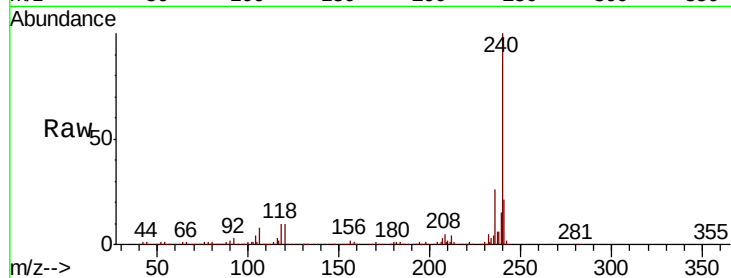




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

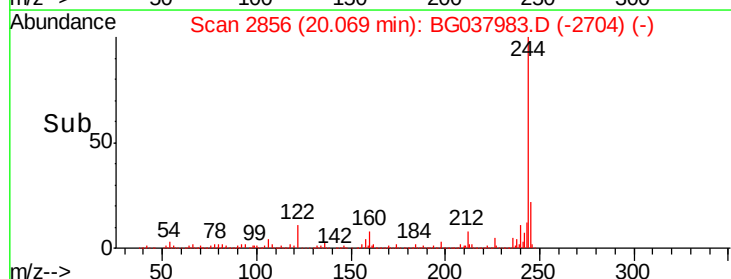
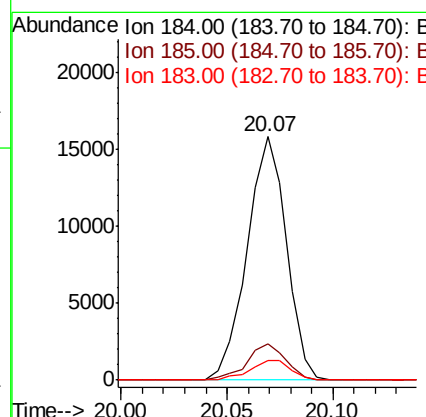
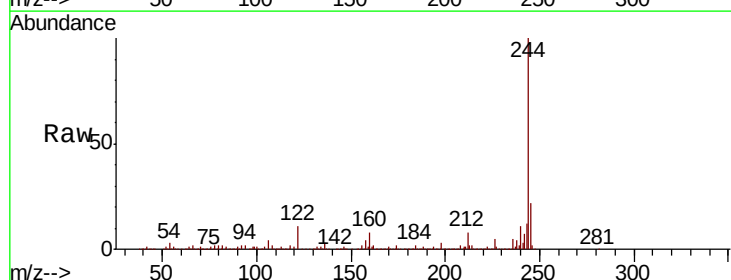
Instrument :
BNA_G
ClientSampleId :
SR-6-S

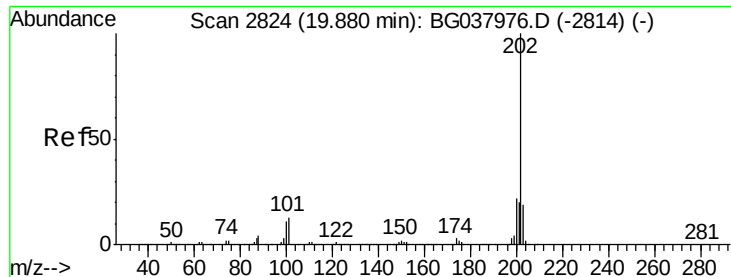
Tgt Ion:240 Resp: 318442
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.4 21.4 32.0



#77
Benzidine
Concen: 1.823 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion:184 Resp: 20366
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 7.9 10.2 15.2#

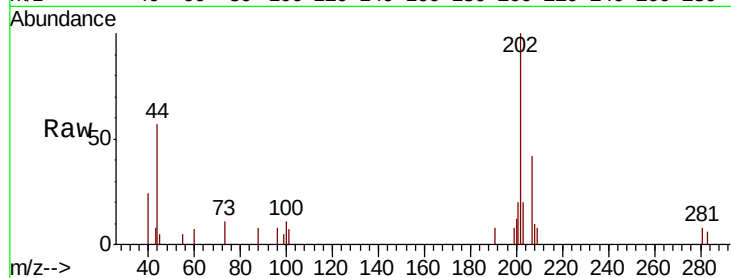




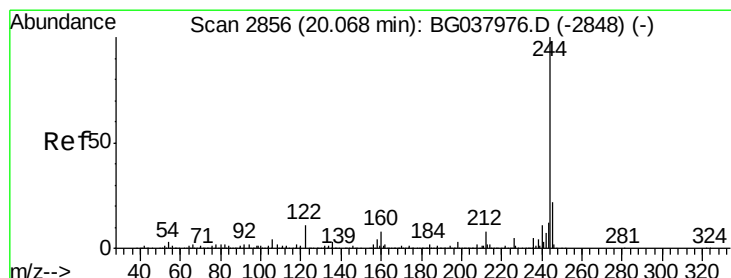
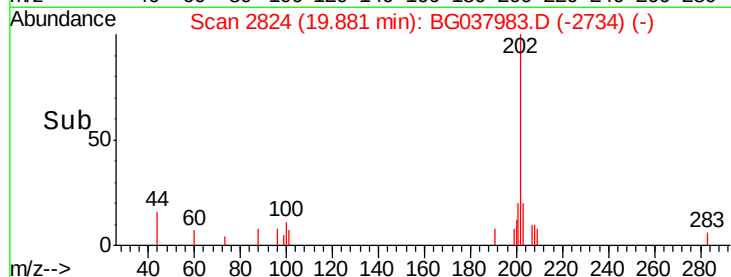
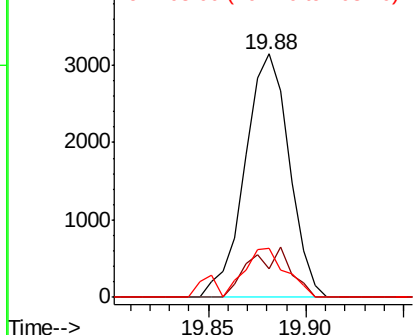
#78
 Pyrene
 Concen: 0.238 ng
 RT: 19.88 min Scan# 2824
 Delta R.T. 0.00 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

Tgt Ion: 202 Resp: 4953
 Ion Ratio Lower Upper
 202 100
 200 11.8 17.8 26.6#
 203 20.2 15.2 22.8

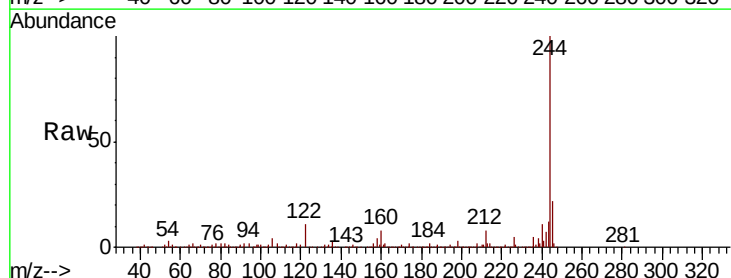


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

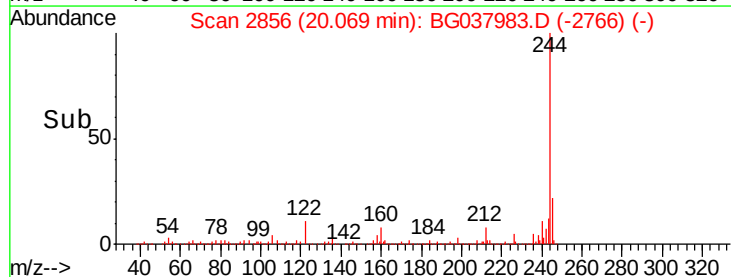
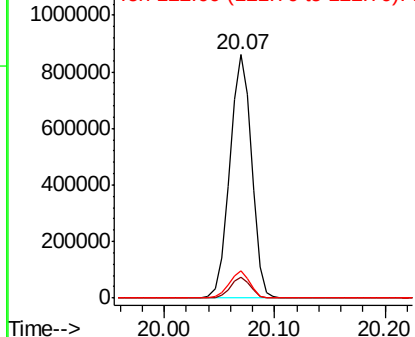


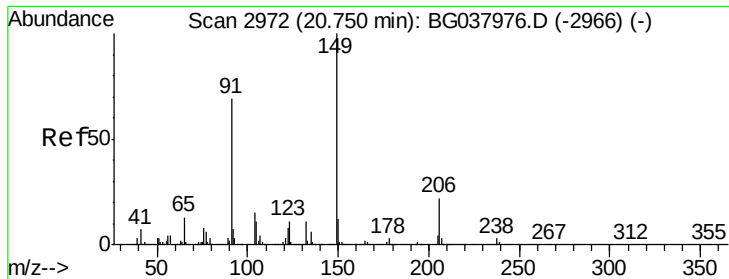
#79
 Terphenyl-d14
 Concen: 88.465 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion: 244 Resp: 1197234
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 11.3 9.0 13.4



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

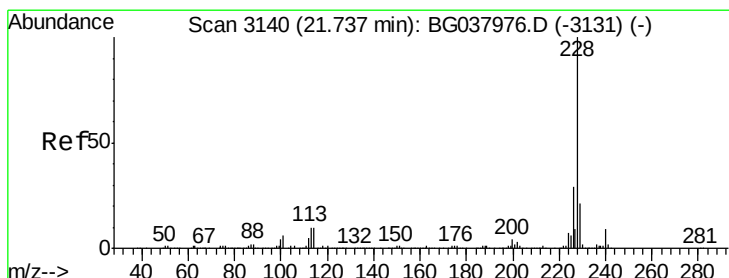
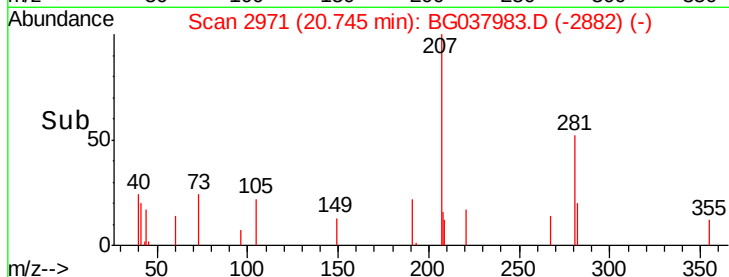
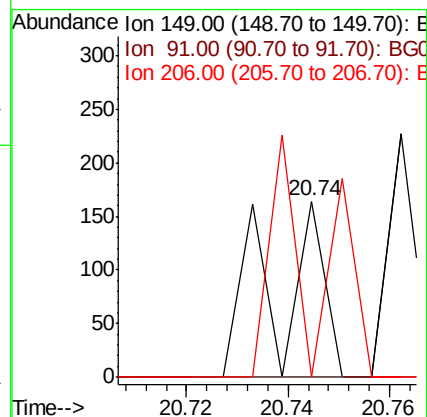
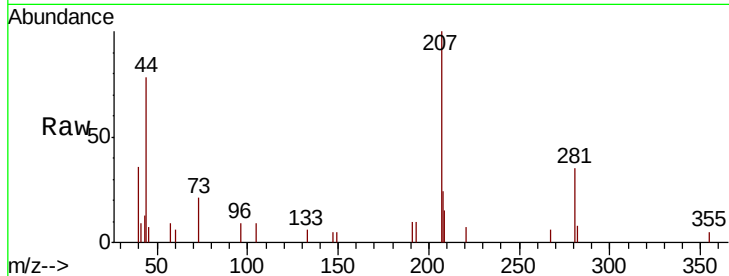




#80
Butylbenzylphthalate
Concen: 0.013 ng
RT: 20.74 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

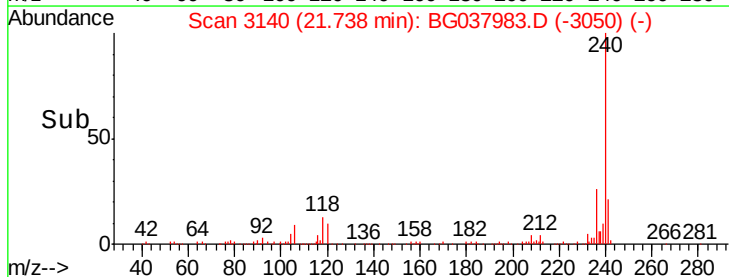
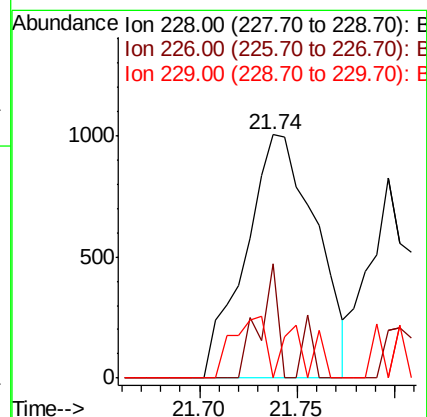
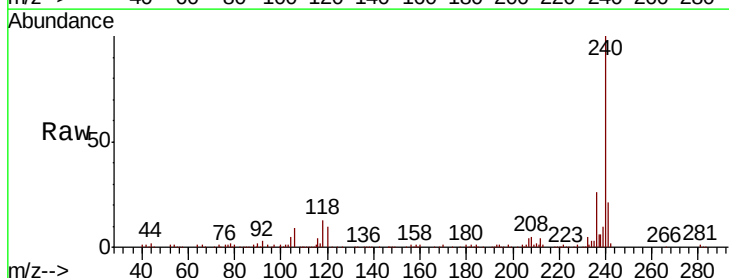
Instrument :
BNA_G
ClientSampleId :
SR-6-S

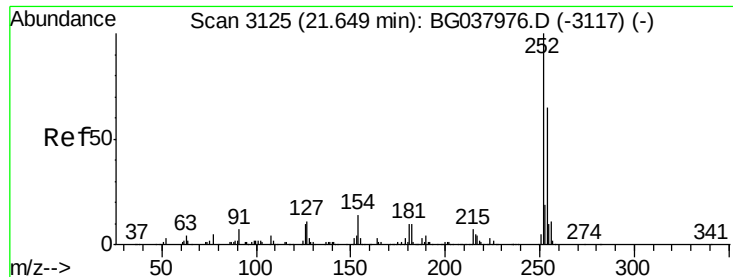
Tgt Ion:149 Resp: 115
Ion Ratio Lower Upper
149 100
91 0.0 57.0 85.4#
206 0.0 17.8 26.6#



#81
Benzo(a)anthracene
Concen: 0.131 ng
RT: 21.74 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion:228 Resp: 2517
Ion Ratio Lower Upper
228 100
226 47.1 22.6 33.8#
229 0.0 16.3 24.5#

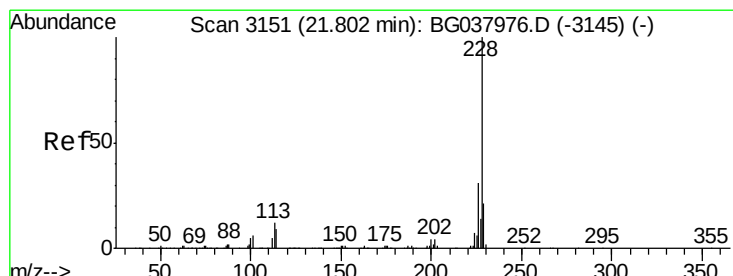
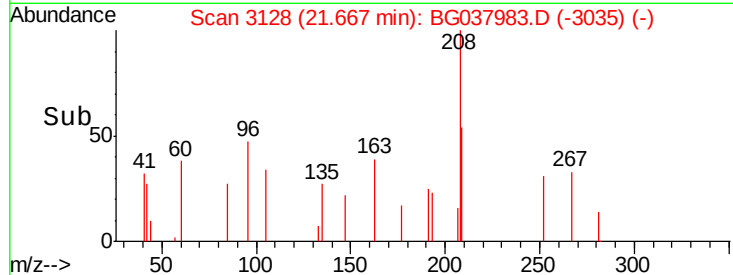
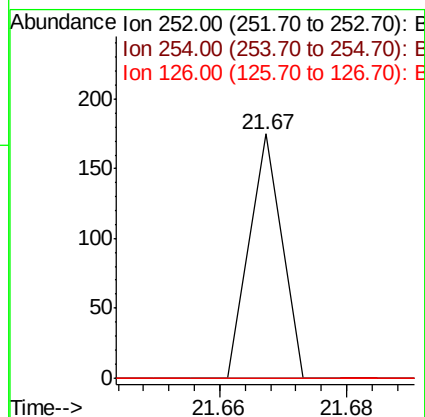
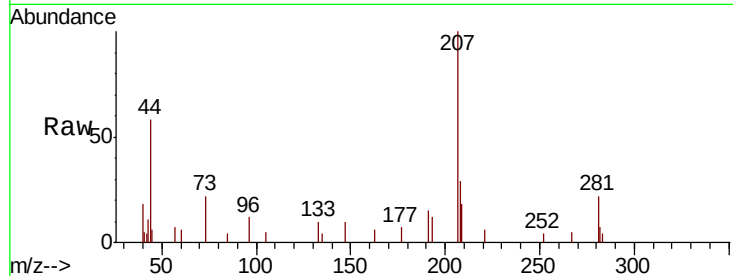




#82
 3,3'-Dichlorobenzidine
 Concen: 0.008 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. 0.02 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

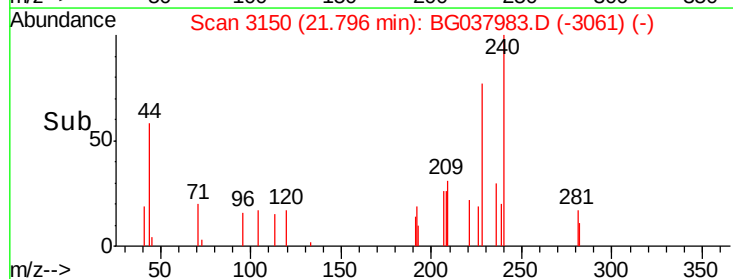
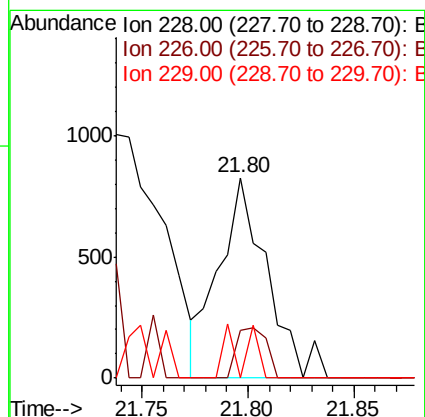
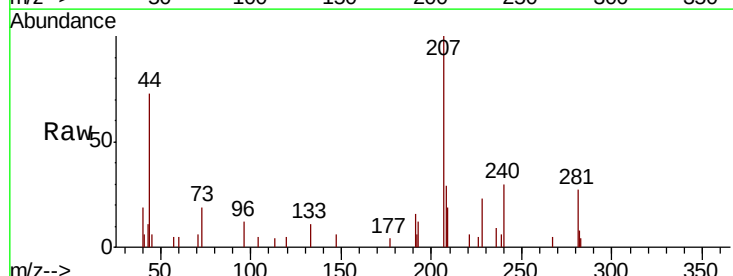
Instrument :
 BNA_G
 ClientSampled :
 SR-6-S

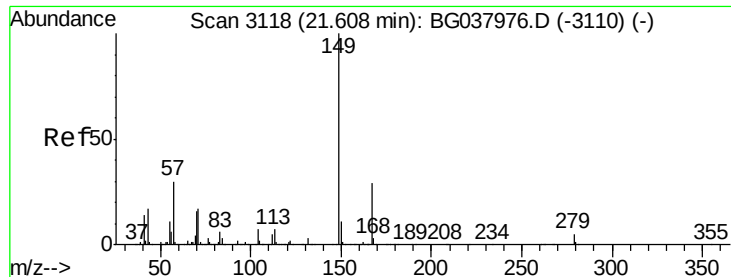
Tgt Ion: 252 Resp: 62
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.0 78.0#
 126 0.0 8.2 12.4#



#83
 Chrysene
 Concen: 0.071 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion: 228 Resp: 1310
 Ion Ratio Lower Upper
 228 100
 226 24.0 25.7 38.5#
 229 0.0 16.5 24.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.067 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

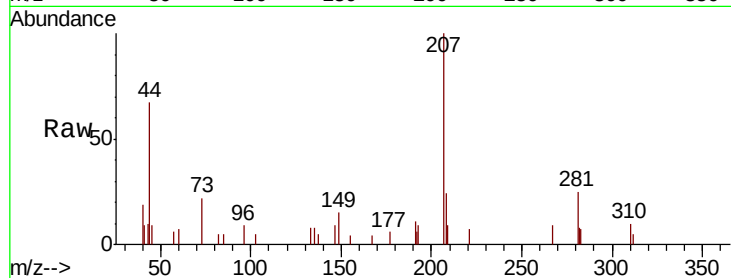
Tgt Ion:149 Resp: 875

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

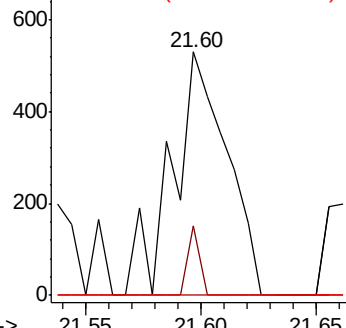
279 0.0 3.6 5.4#



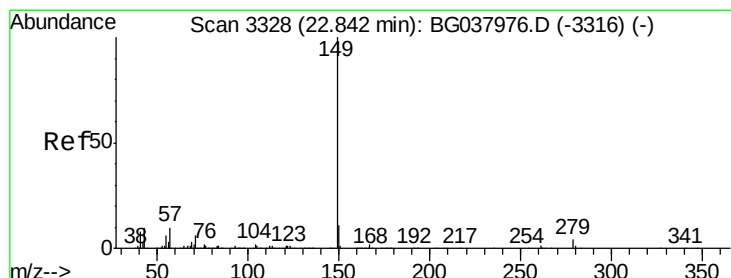
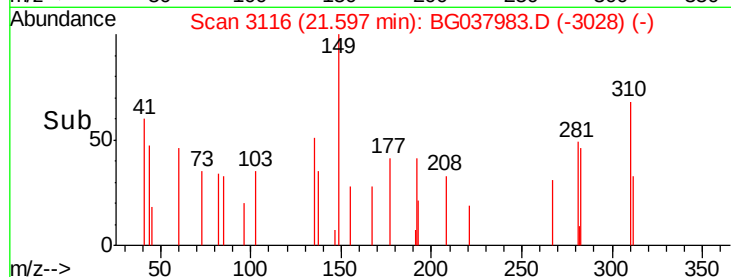
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 0.042 ng

RT: 22.85 min Scan# 3329

Delta R.T. 0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

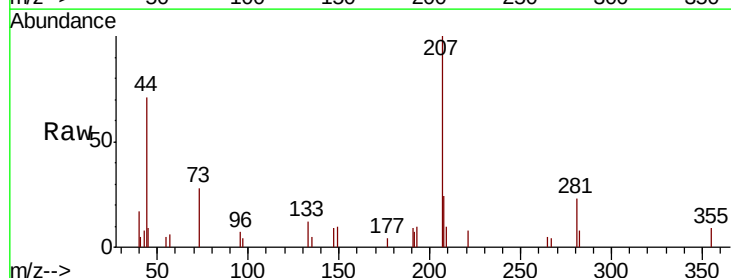
Tgt Ion:149 Resp: 877

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

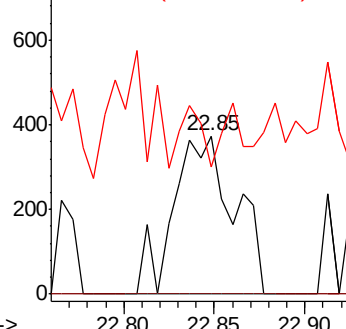
43 0.0 8.7 13.1#



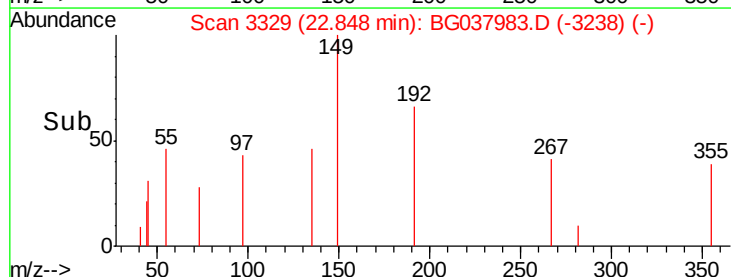
Abundance Ion 149.00 (148.70 to 149.70): E

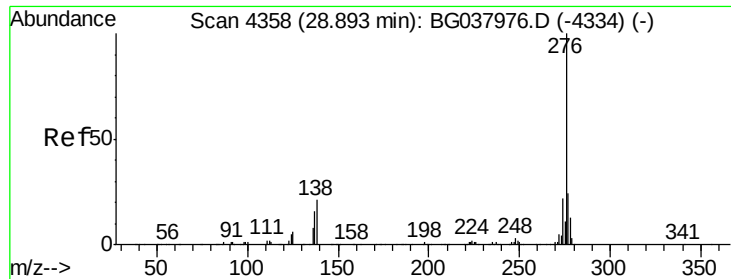
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.006 ng

RT: 28.88 min Scan# 4355

Delta R.T. -0.02 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

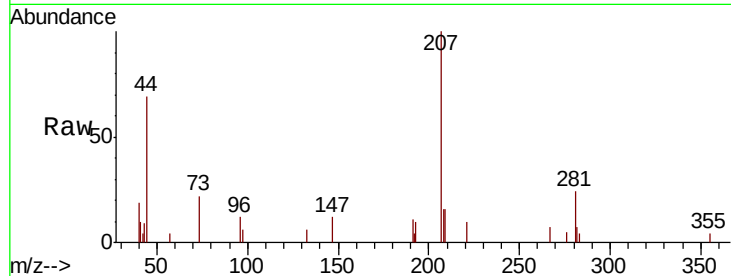
Tgt Ion: 276 Resp: 123

Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

277 0.0 20.6 30.8#

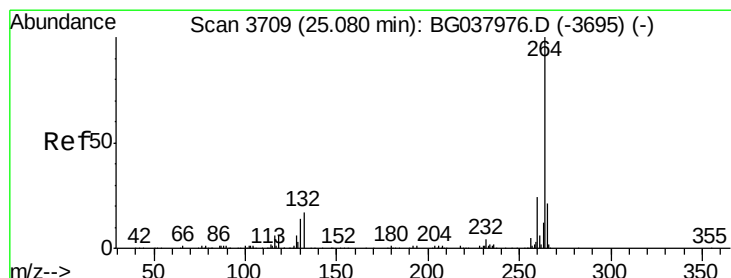
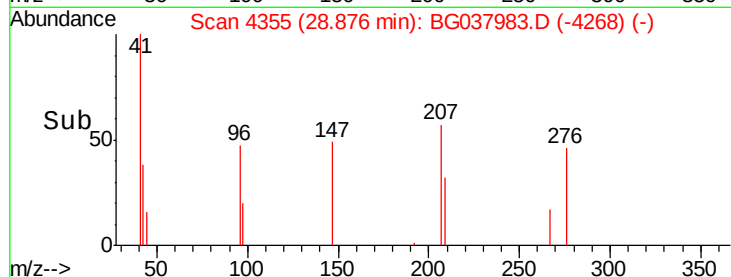
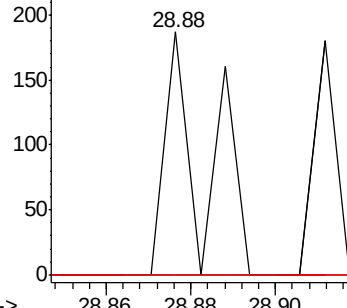


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

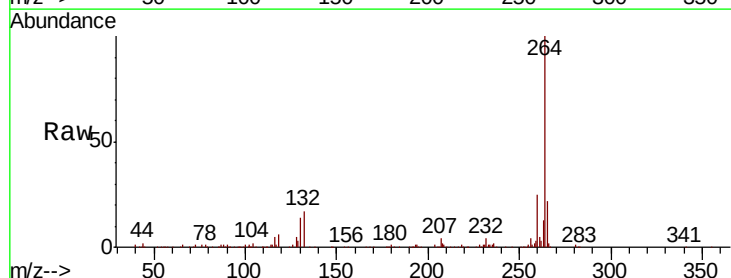
Tgt Ion: 264 Resp: 322162

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 21.9 17.9 26.9

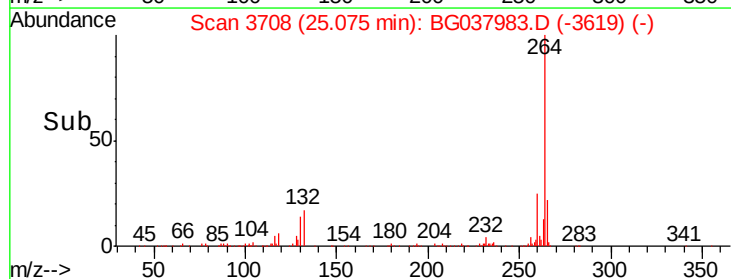
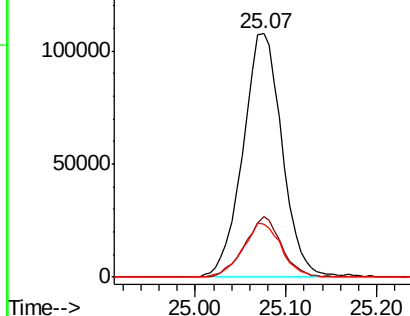


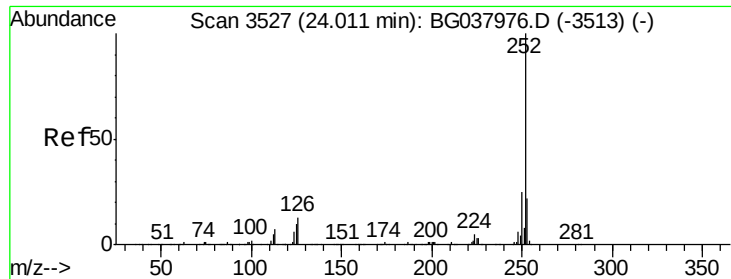
Abundance

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

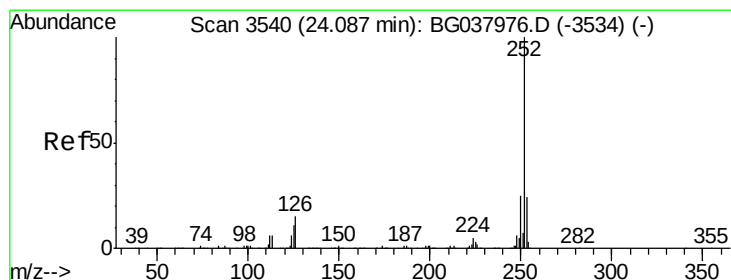
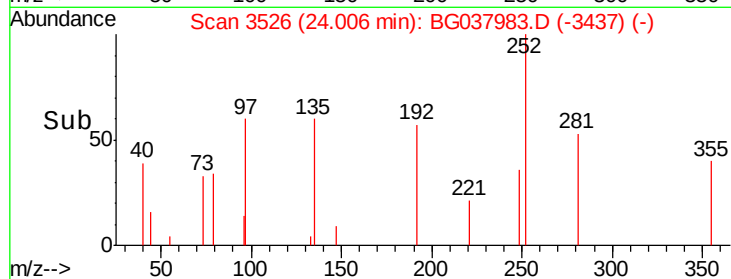
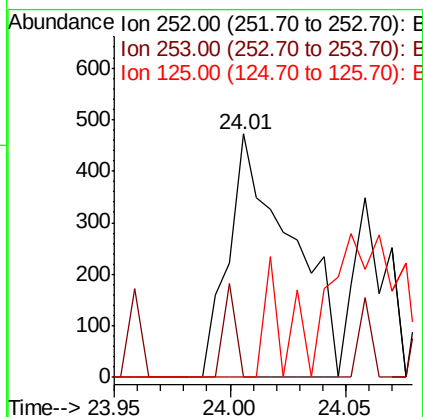
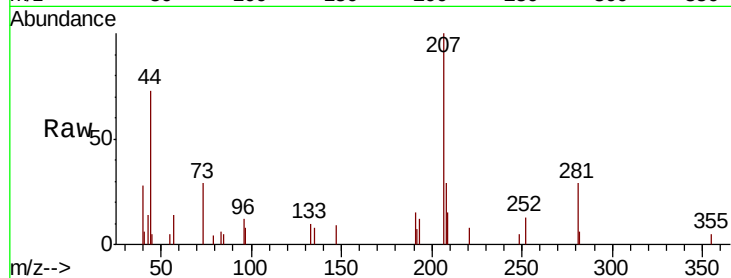




#88
Benzo(b)fluoranthene
Concen: 0.050 ng
RT: 24.01 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

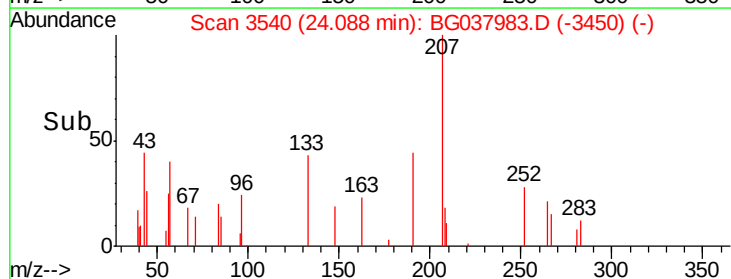
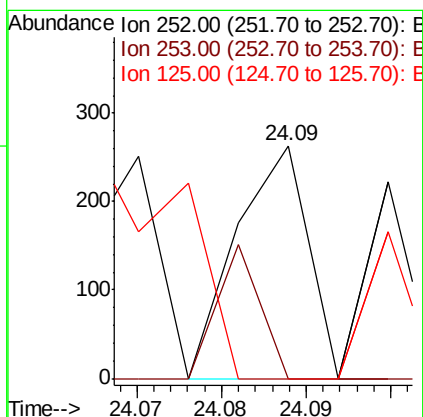
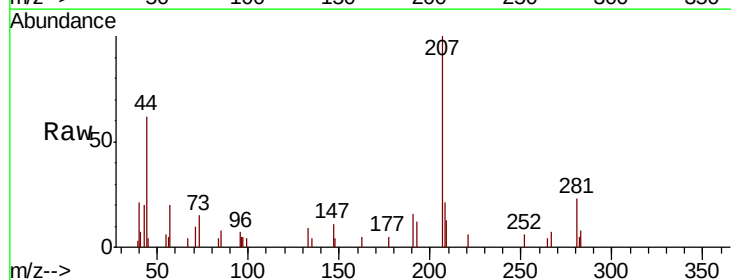
Instrument :
BNA_G
ClientSampleId :
SR-6-S

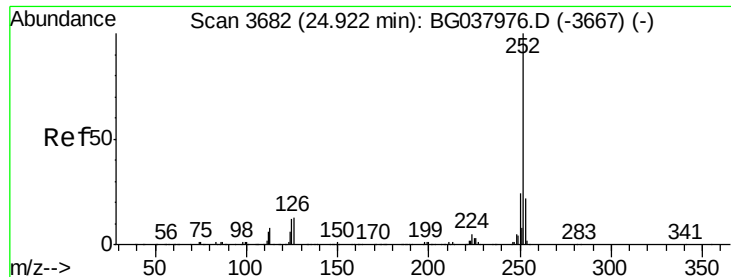
Tgt Ion:252 Resp: 886
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.8 11.6#



#89
Benzo(k)fluoranthene
Concen: 0.009 ng
RT: 24.09 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion:252 Resp: 155
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 0.016 ng

RT: 24.93 min Scan# 3684

Delta R.T. 0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampled :

SR-6-S

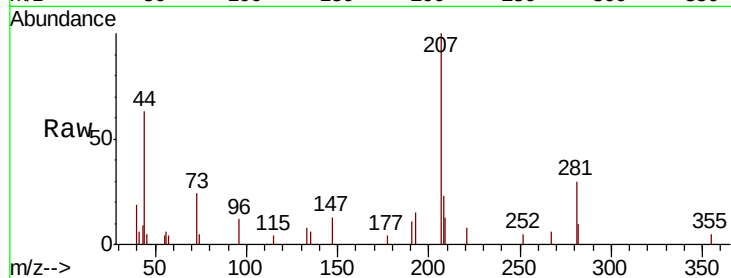
Tgt Ion: 252 Resp: 265

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 9.0 13.6#

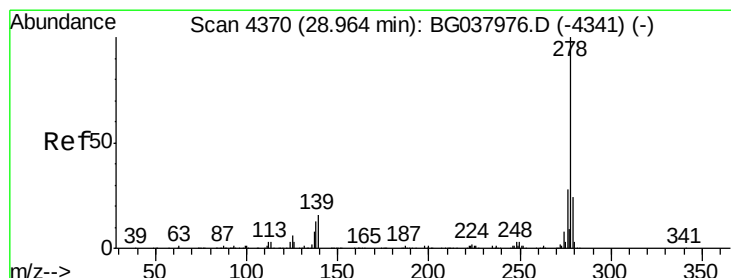
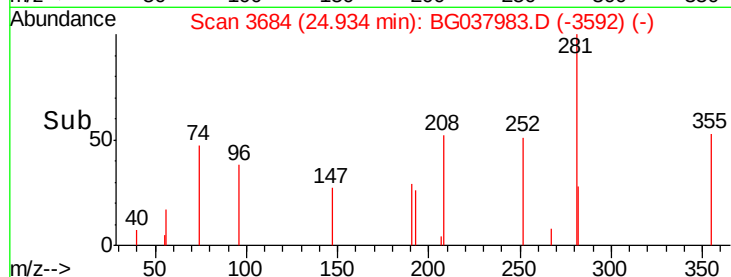
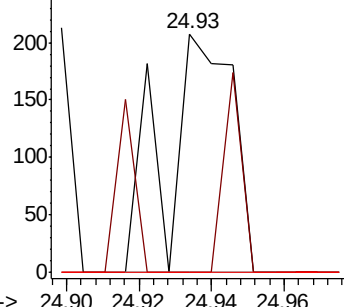


Abundance

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



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.98 min Scan# 4372

Delta R.T. 0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

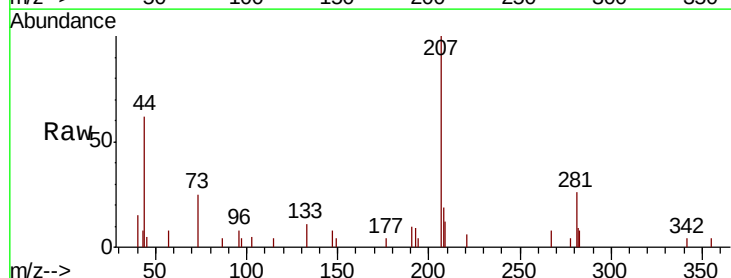
Tgt Ion: 278 Resp: 54

Ion Ratio Lower Upper

278 100

139 0.0 11.5 17.3#

279 0.0 18.6 27.8#



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

