

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037985.D
 Acq On : 13 Nov 2018 19:58
 Operator : JU/SJ
 Sample : J5909-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-D

Quant Time: Nov 14 00:13:28 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	8.08	152	44662	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	189533	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	121647	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	301066	20.00	ng	0.00
76) Chrysene-d12	21.75	240	294302	20.00	ng	0.00
87) Perylene-d12	25.08	264	293814	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	299514	115.79	ng	0.00
7) Phenol-d6	7.23	99	377257	102.17	ng	0.00
23) Nitrobenzene-d5	9.27	82	283570	80.09	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	169856	122.43	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	632077	75.70	ng	0.00
79) Terphenyl-d14	20.07	244	1115356	89.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	593	0.485	ng	# 1
4) n-Nitrosodimethylamine	3.90	42	228	0.180	ng	# 1
6) Aniline	7.60	93	449	0.094	ng	# 1
9) Benzaldehyde	7.23	77	687	0.257	ng	# 4
10) Phenol	7.62	94	664	0.170	ng	# 1
11) bis(2-Chloroethyl)ether	7.60	93	449	0.141	ng	# 1
15) Benzyl Alcohol	8.41	79	3995	1.495	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	8.60	45	772	0.130	ng	# 74
19) n-Nitroso-di-n-propylamine	9.27	70	35379	13.242	ng	# 71
22) Acetophenone	8.92	105	70	0.015	ng	# 25
24) Nitrobenzene	9.27	77	835	0.231	ng	# 42
31) Naphthalene	10.95	128	1356	0.145	ng	# 70
33) 4-Chloroaniline	10.95	127	130	0.030	ng	# 45
37) 2-Methylnaphthalene	12.56	142	419	0.063	ng	# 64
38) 1-Methylnaphthalene	12.77	142	69	0.011	ng	# 93
46) 1,1'-Biphenyl	13.56	154	1299	0.127	ng	# 81
48) 2-Nitroaniline	13.34	65	906	0.369	ng	# 1
49) Acenaphthylene	14.78	152	55	0.005	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	15641	7.166	ng	# 25
52) Acenaphthene	14.79	154	149	0.021	ng	# 62
55) Dibenzofuran	15.12	168	142	0.012	ng	# 46
57) 2,4-Dinitrotoluene	14.72	165	15641	5.267	ng	# 24
58) Fluorene	16.20	166	8593	0.987	ng	# 58
60) Diethylphthalate	15.53	149	55	0.005	ng	# 58
63) Azobenzene	16.20	77	919	0.100	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.21	198	497	0.261	ng	# 71
66) n-Nitrosodiphenylamine	16.20	169	6804	0.747	ng	# 49
67) 4-Bromophenyl-phenylether	16.21	248	12391	3.750	ng	# 1
71) Phenanthrene	17.51	178	739	0.048	ng	# 59
72) Anthracene	17.60	178	144	0.009	ng	# 60
74) Di-n-butylphthalate	18.41	149	840	0.049	ng	# 77
75) Fluoranthene	19.52	202	378	0.021	ng	# 63
77) Benzidine	20.07	184	17931	1.736	ng	# 95
78) Pyrene	19.88	202	444	0.023	ng	# 56

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-15-D

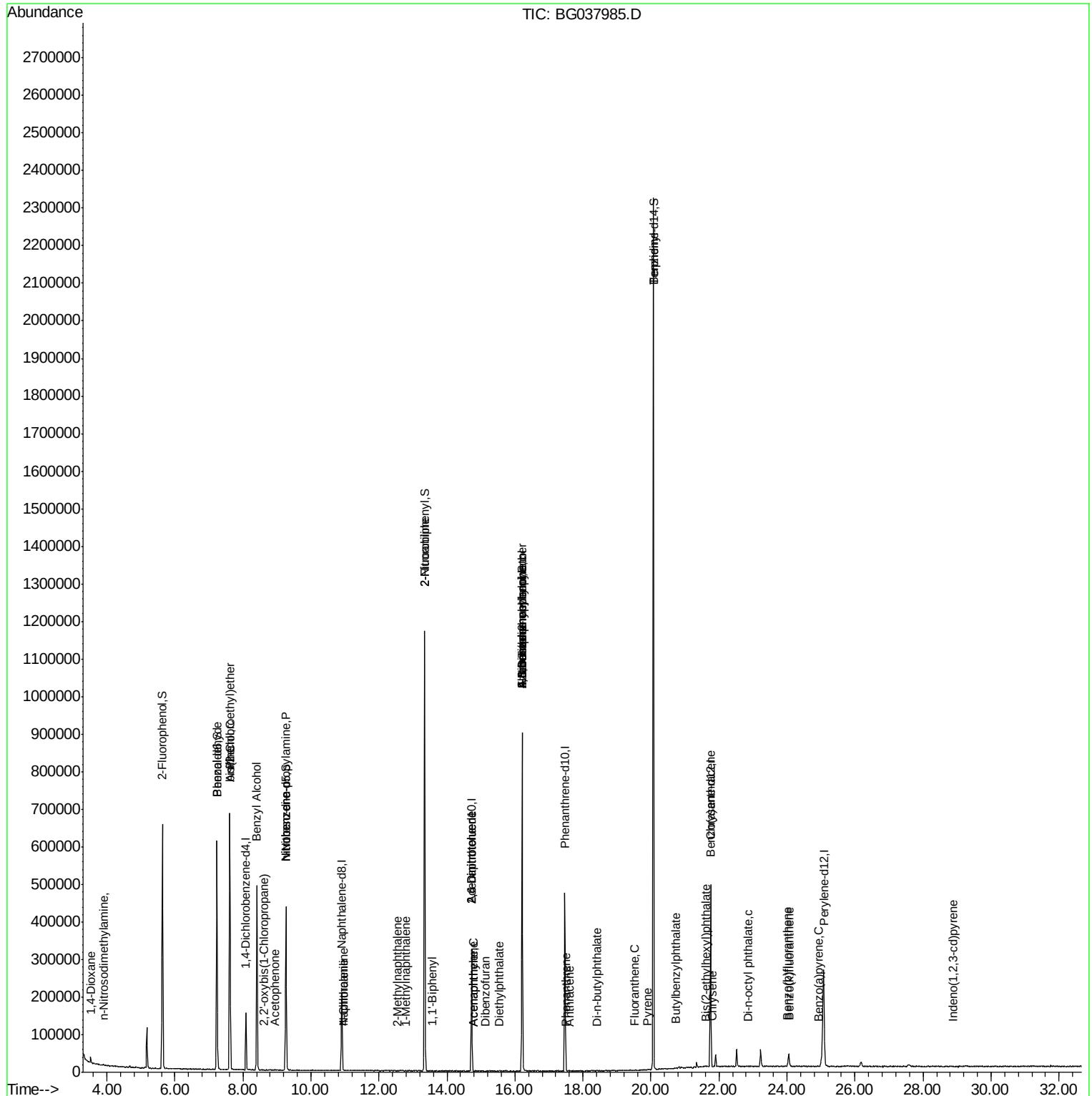
Quant Time: Nov 14 00:13:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
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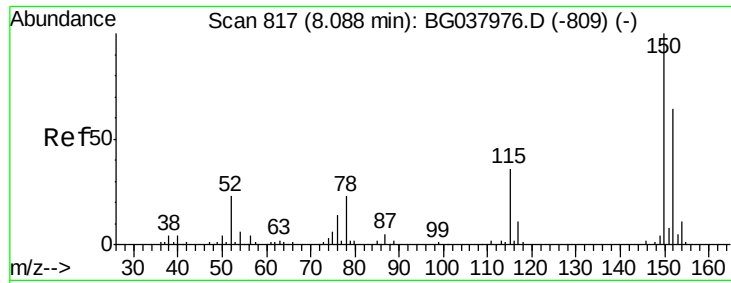
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.74	149	361	0.043	ng	# 23
81) Benzo(a)anthracene	21.74	228	1742	0.098	ng	# 50
83) Chrysene	21.80	228	701	0.041	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.61	149	730	0.061	ng	# 69
85) Di-n-octyl phthalate	22.84	149	826	0.043	ng	# 74
86) Indeno(1,2,3-cd)pyrene	28.90	276	53	0.003	ng	# 55
88) Benzo(b)fluoranthene	24.01	252	749	0.046	ng	# 59
89) Benzo(k)fluoranthene	24.08	252	758	0.048	ng	# 60
90) Benzo(a)pyrene	24.92	252	307	0.020	ng	# 60

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

SB-15-D

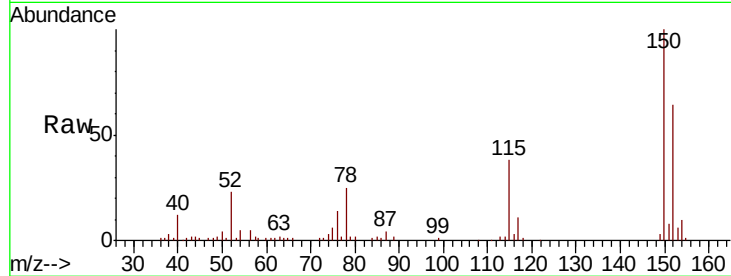
Tgt Ion:152 Resp: 44662

Ion Ratio Lower Upper

152 100

150 155.2 126.0 189.0

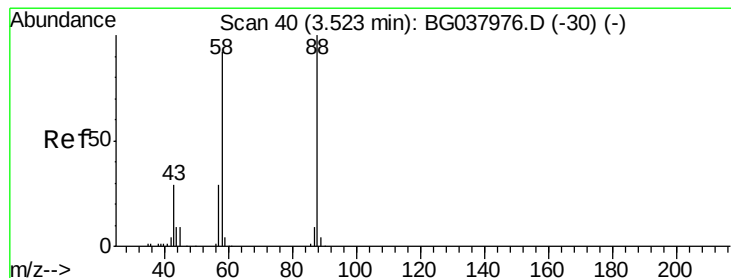
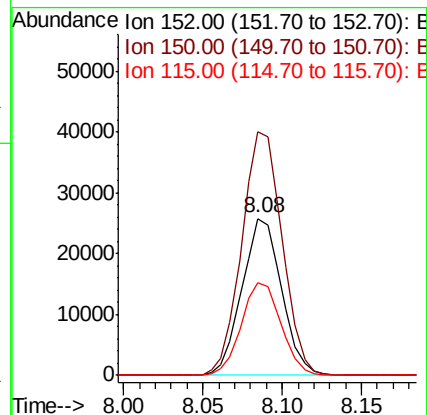
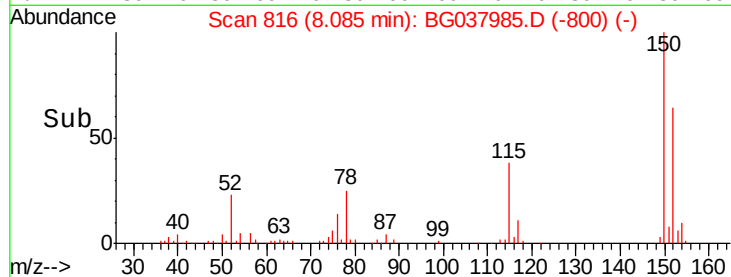
115 58.8 45.5 68.3



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: 0.485 ng

RT: 3.51 min Scan# 37

Delta R.T. -0.02 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

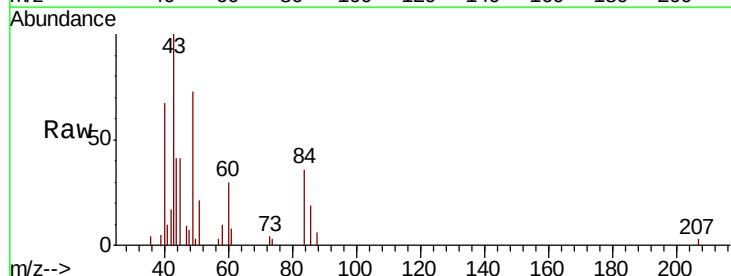
Tgt Ion: 88 Resp: 593

Ion Ratio Lower Upper

88 100

58 0.0 74.4 111.6#

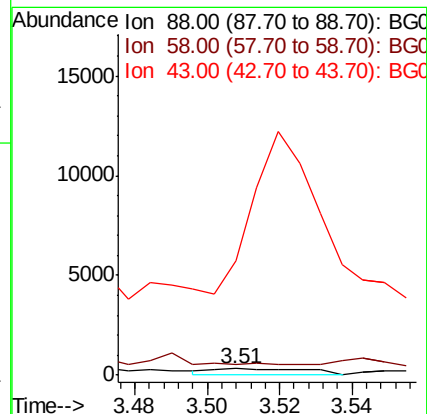
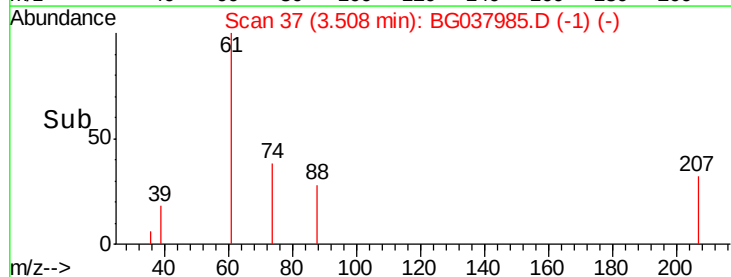
43 1884.8 25.8 38.8#

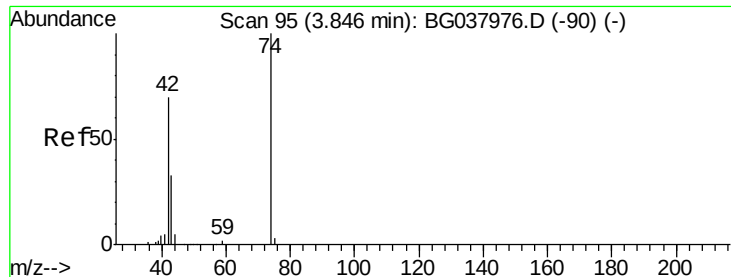


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.180 ng

RT: 3.90 min Scan# 104

Delta R.T. 0.06 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

SB-15-D

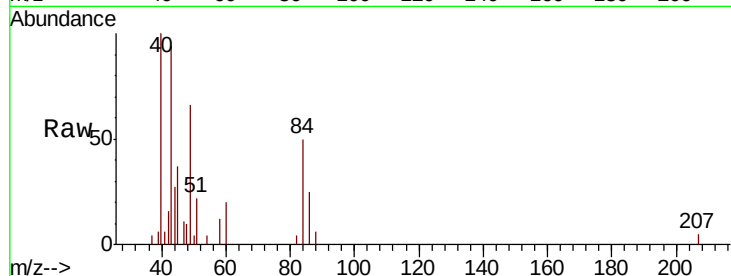
Tgt Ion: 42 Resp: 228

Ion Ratio Lower Upper

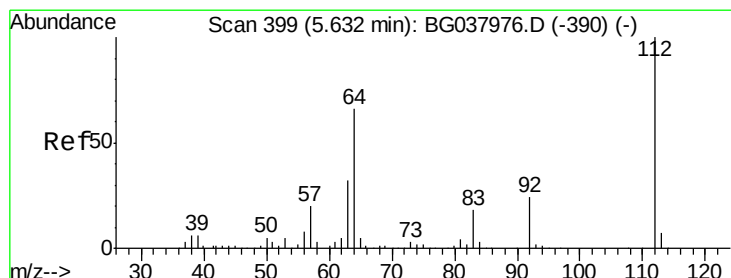
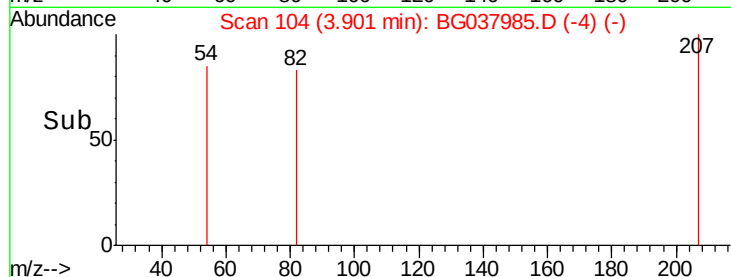
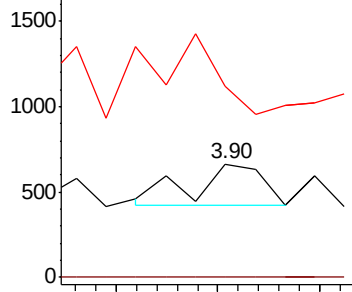
42 100

74 0.0 102.0 153.0#

44 168.5 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: 115.788 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

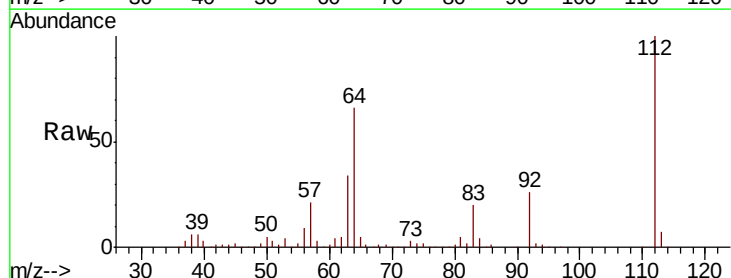
Tgt Ion: 112 Resp: 299514

Ion Ratio Lower Upper

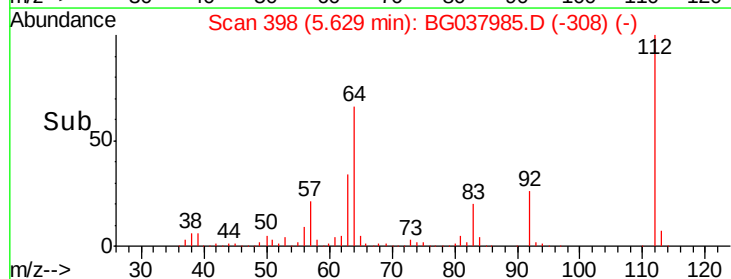
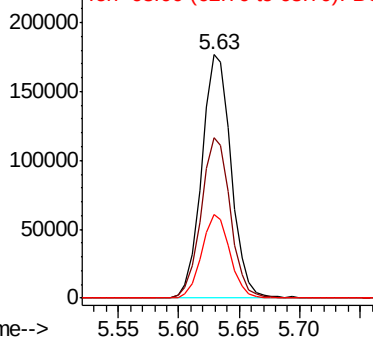
112 100

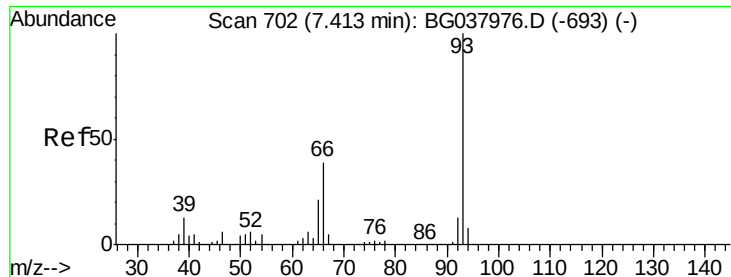
64 65.8 53.1 79.7

63 34.3 27.3 40.9



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





#6

Aniline

Concen: 0.094 ng

RT: 7.60 min Scan# 734

Delta R.T. 0.19 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

SB-15-D

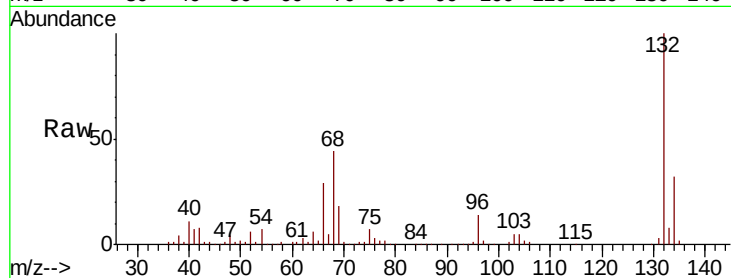
Tgt Ion: 93 Resp: 449

Ion Ratio Lower Upper

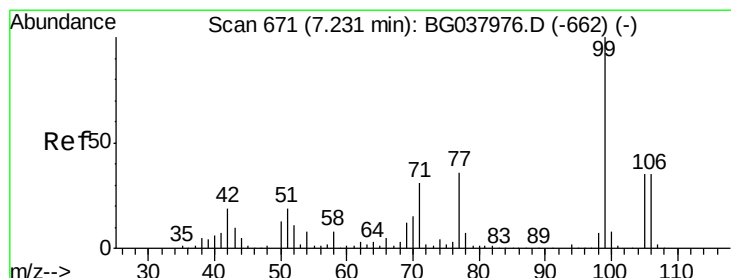
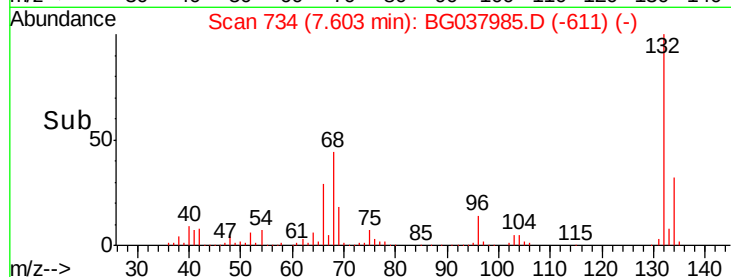
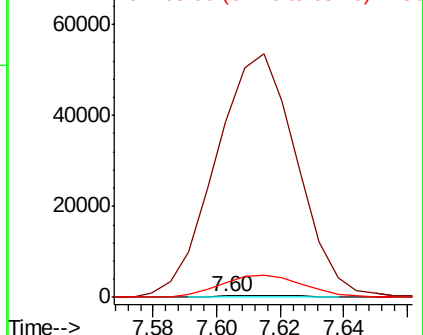
93 100

66 14684.8 32.8 49.2#

65 1214.8 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: 102.170 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

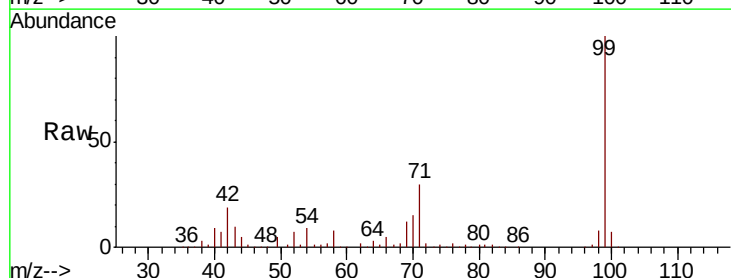
Tgt Ion: 99 Resp: 377257

Ion Ratio Lower Upper

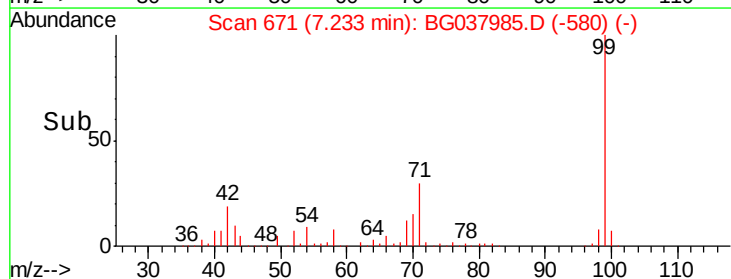
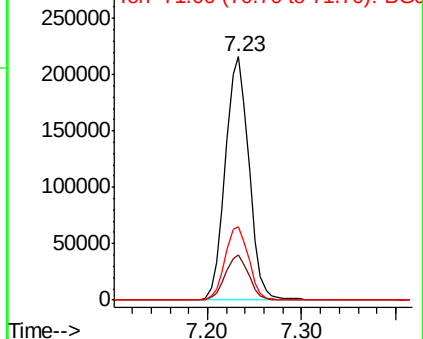
99 100

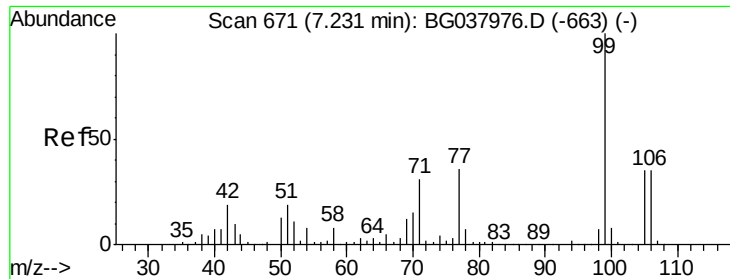
42 18.6 15.0 22.4

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: 0.257 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampled :

SB-15-D

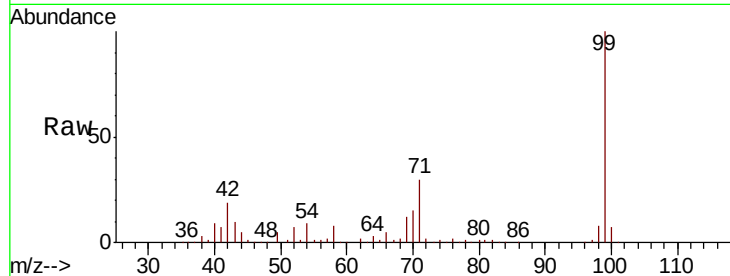
Tgt Ion: 77 Resp: 687

Ion Ratio Lower Upper

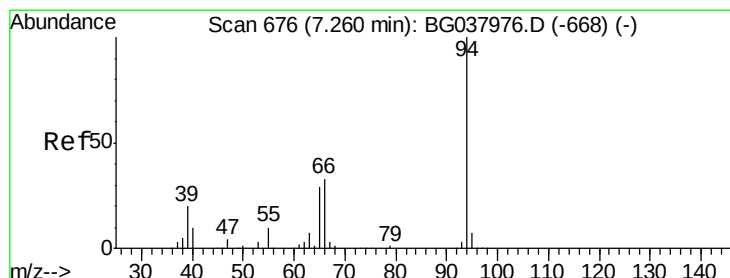
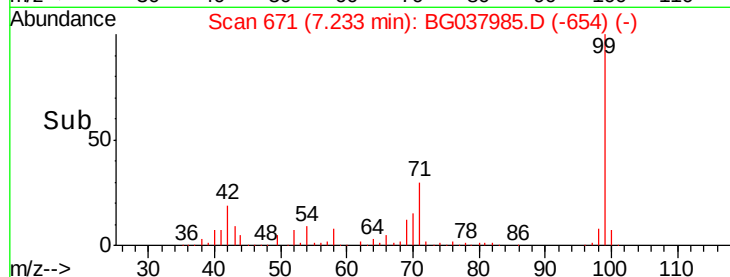
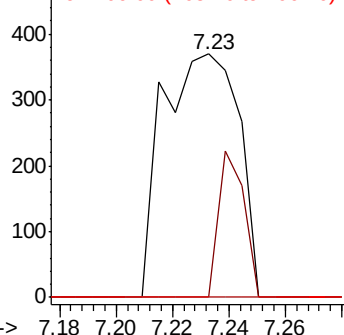
77 100

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: 0.170 ng

RT: 7.62 min Scan# 737

Delta R.T. 0.36 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

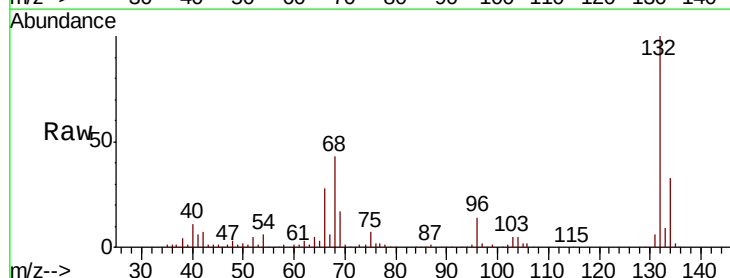
Tgt Ion: 94 Resp: 664

Ion Ratio Lower Upper

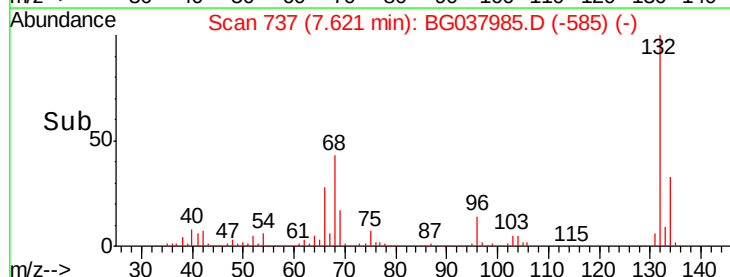
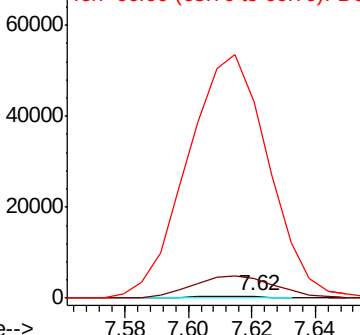
94 100

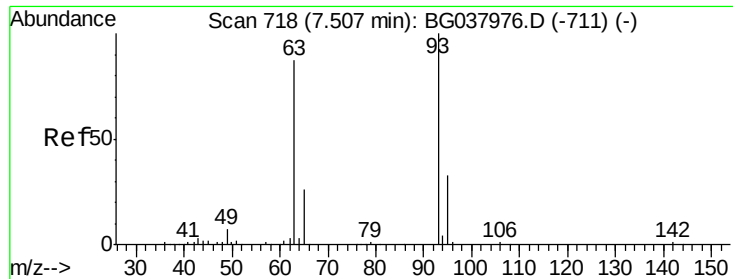
65 879.2 9.7 49.7#

66 9038.2 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

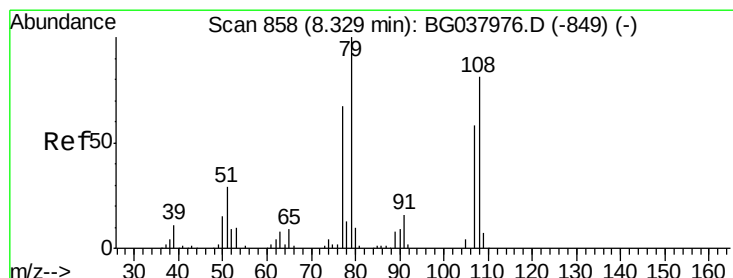
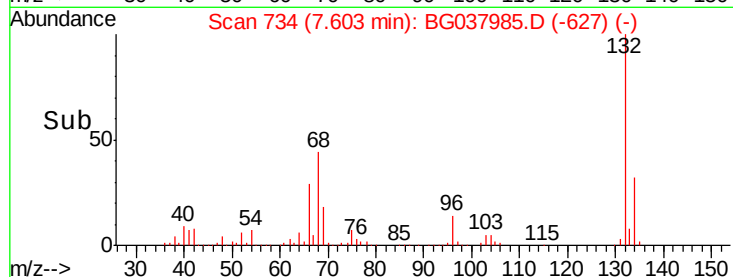
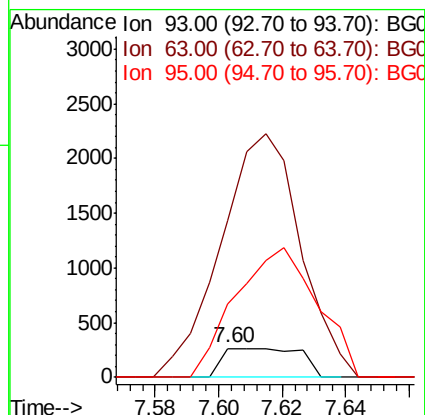
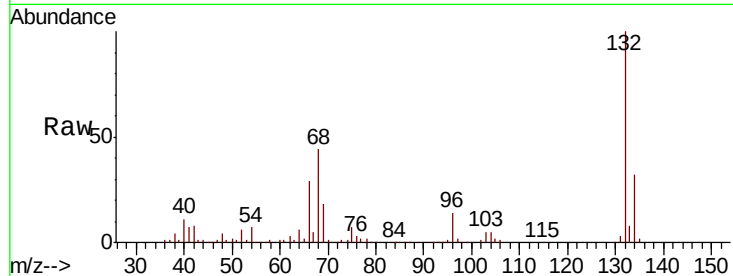




#11
bis(2-Chloroethyl)ether
Concen: 0.141 ng
RT: 7.60 min Scan# 734
Delta R.T. 0.10 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

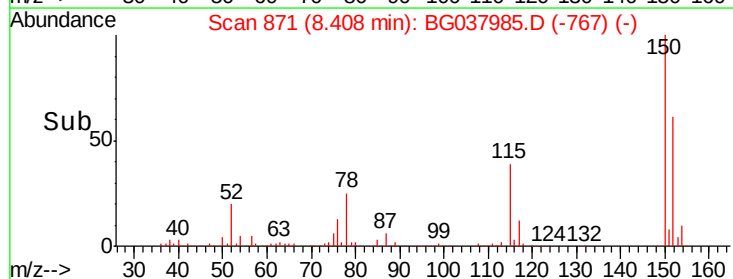
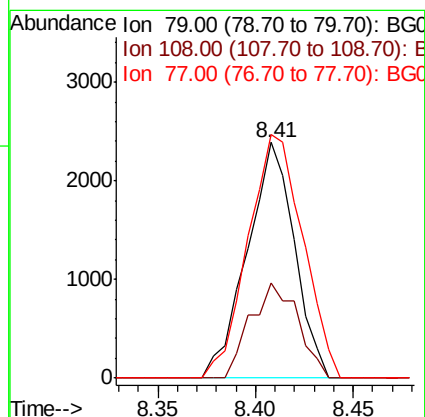
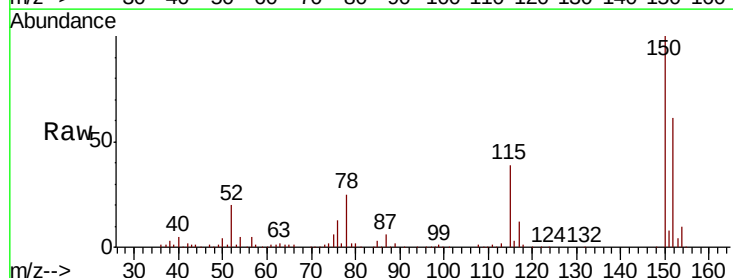
Instrument :
BNA_G
ClientSampleId :
SB-15-D

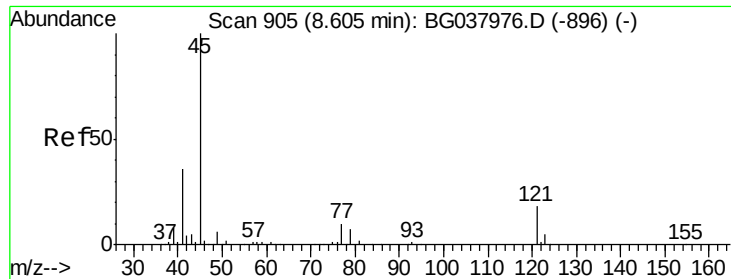
Tgt Ion: 93 Resp: 449
Ion Ratio Lower Upper
93 100
63 543.6 69.5 109.5#
95 253.0 12.6 52.6#



#15
Benzyl Alcohol
Concen: 1.495 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.08 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

Tgt Ion: 79 Resp: 3995
Ion Ratio Lower Upper
79 100
108 40.4 65.8 98.8#
77 103.3 52.9 79.3#

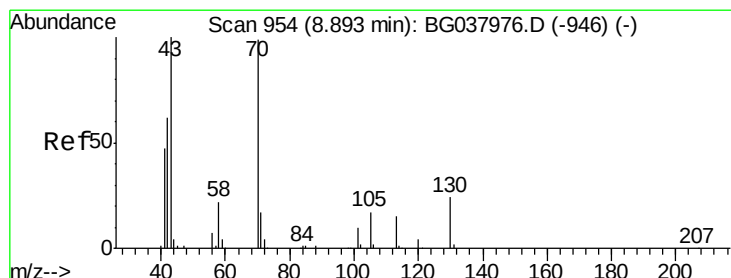
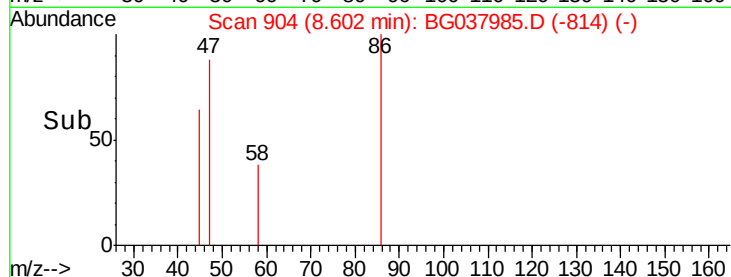
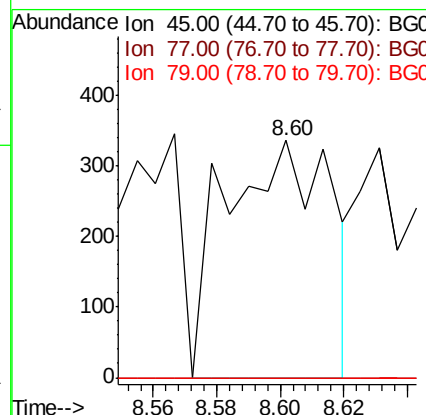
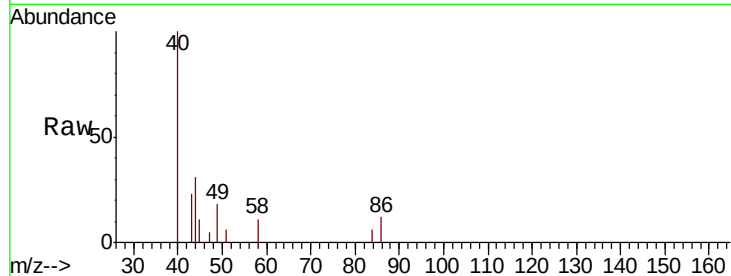




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.130 ng
 RT: 8.60 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

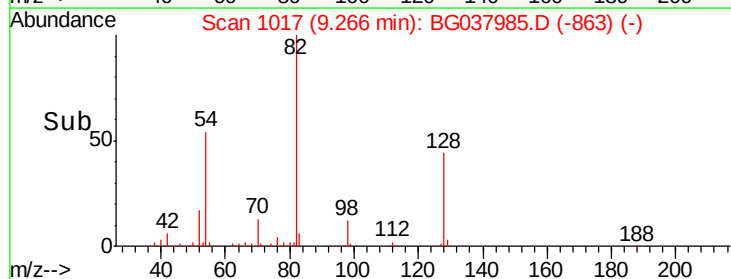
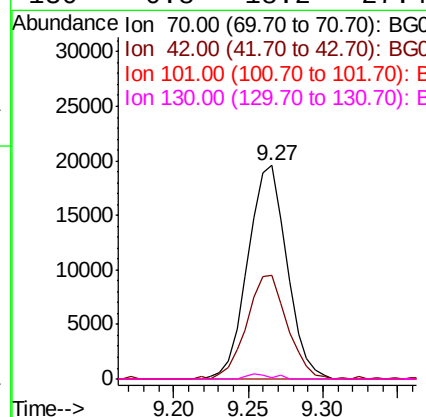
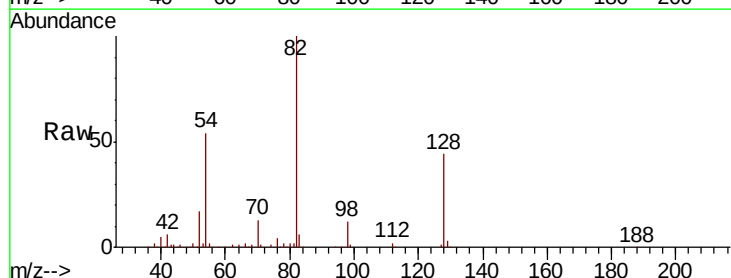
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-D

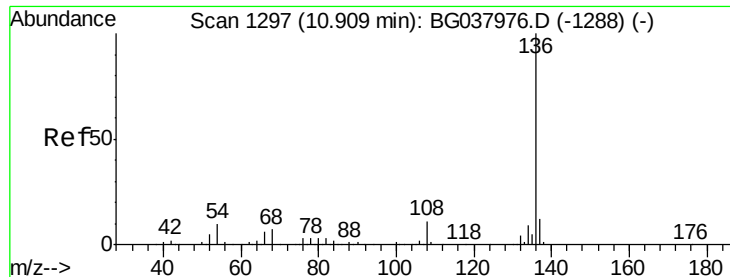
Tgt Ion: 45 Resp: 772
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 29.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.242 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. 0.37 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Tgt Ion: 70 Resp: 35379
 Ion Ratio Lower Upper
 70 100
 42 48.3 53.9 80.9#
 101 0.0 8.2 12.2#
 130 0.8 18.2 27.4#

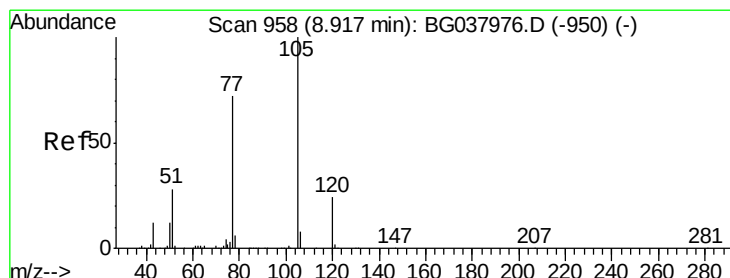
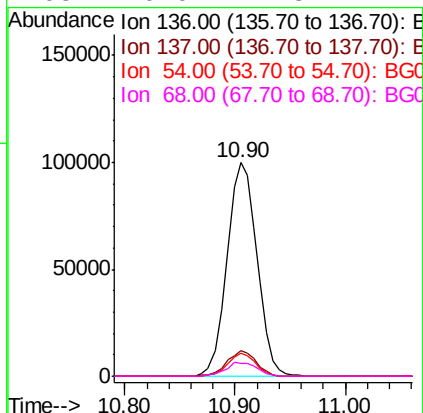
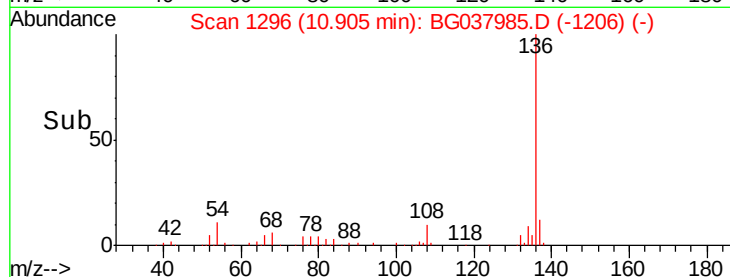
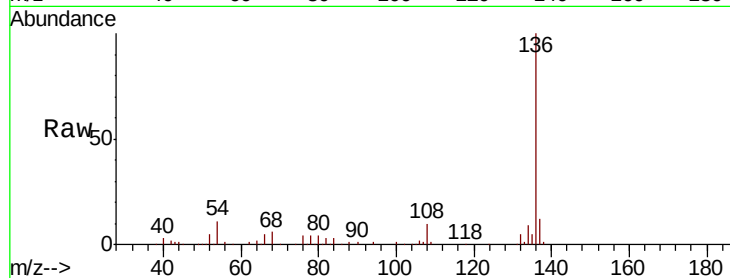




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

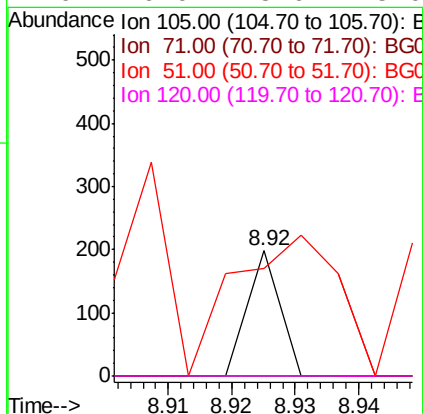
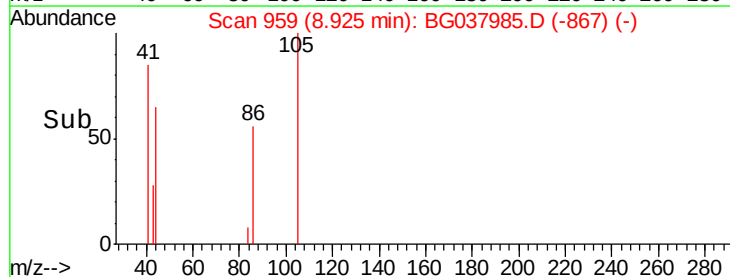
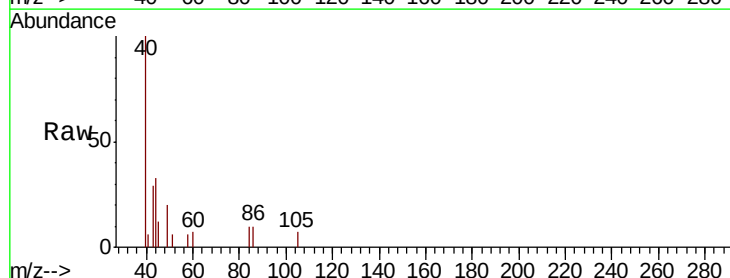
Instrument :
BNA_G
ClientSampleId :
SB-15-D

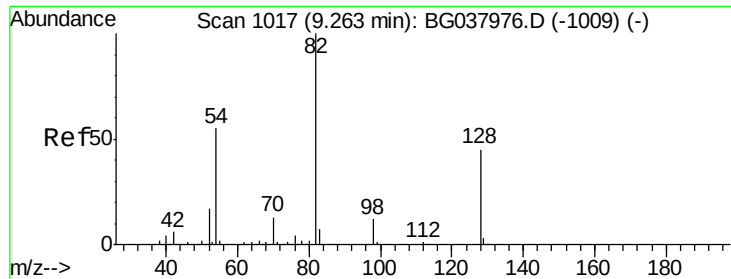
Tgt Ion:	136	Resp:	189533
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.5	7.9	11.9
68	6.0	4.8	7.2



#22
Acetophenone
Concen: 0.015 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.01 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

Tgt Ion:	105	Resp:	70
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	85.9	25.0	37.6#
120	0.0	18.6	28.0#

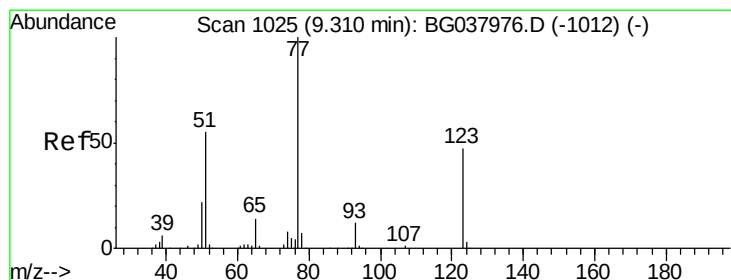
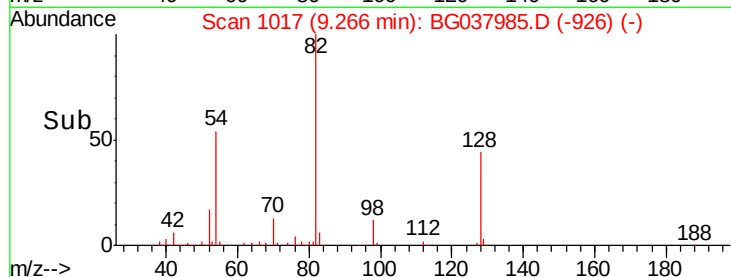
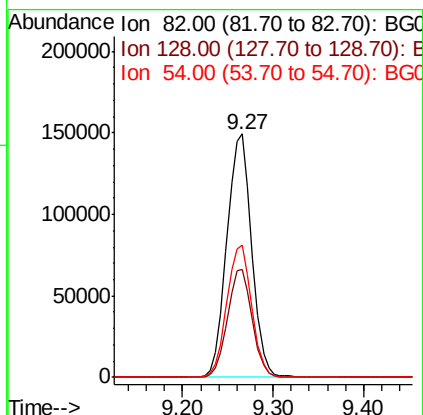
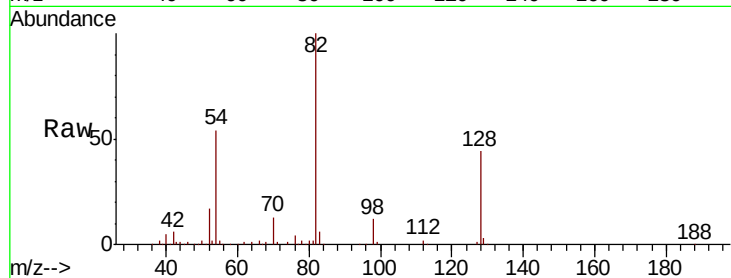




#23
 Nitrobenzene-d5
 Concen: 80.089 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

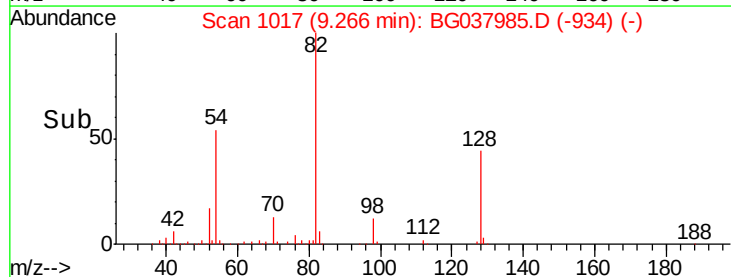
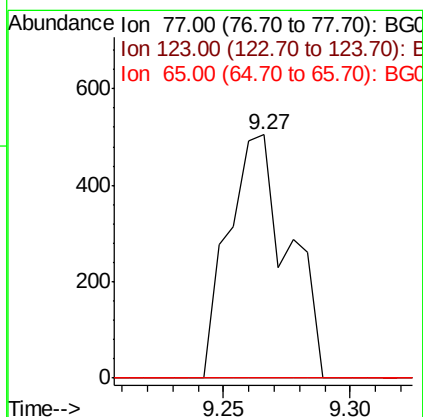
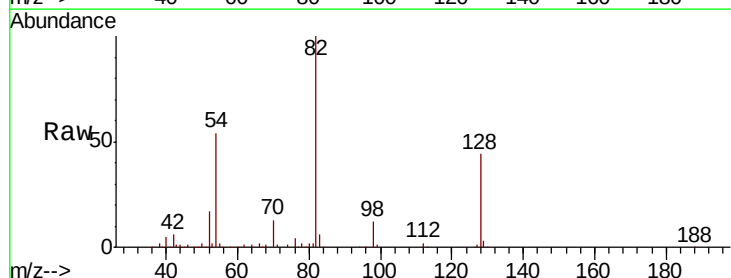
Instrument :
 BNA_G
 ClientSampleID :
 SB-15-D

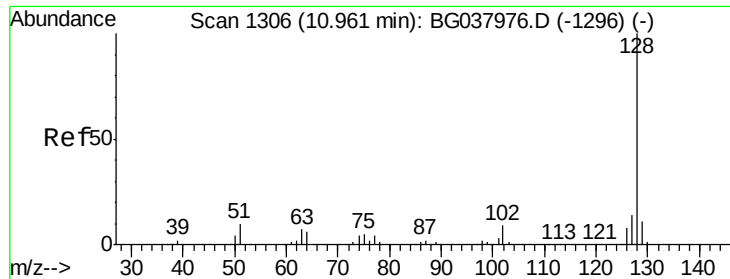
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.4	45.3	67.9



#24
 Nitrobenzene
 Concen: 0.231 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.04 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.6	50.4#
65	0.0	11.3	16.9#

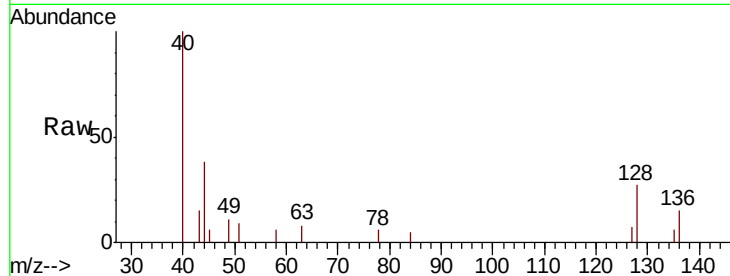




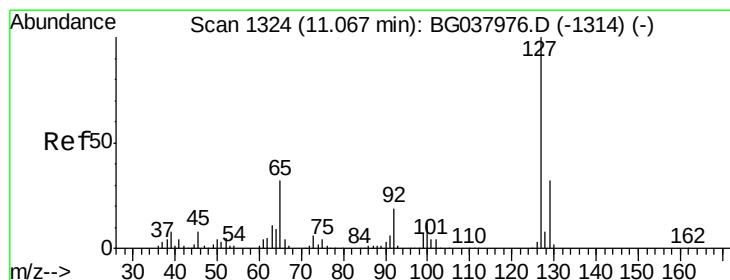
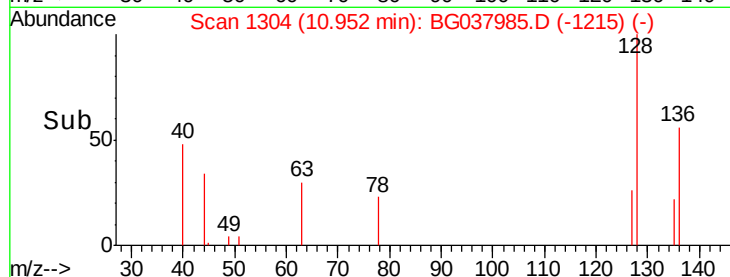
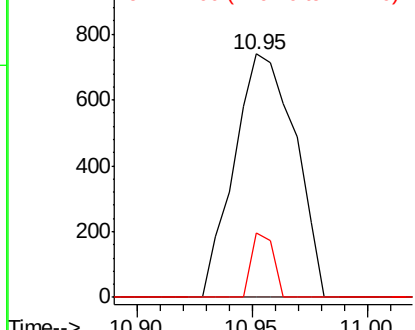
#31
Naphthalene
Concen: 0.145 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

Instrument :
BNA_G
ClientSampleId :
SB-15-D

Tgt Ion:128 Resp: 1356
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.6#
127 26.4 11.1 16.7#

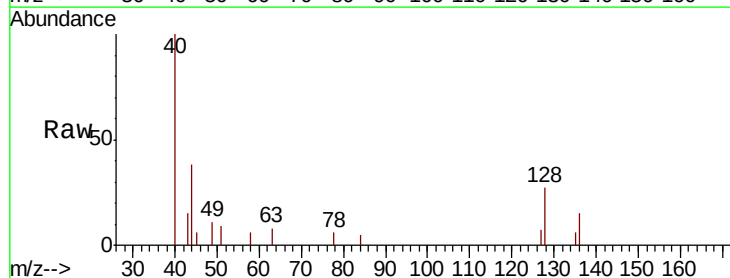


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

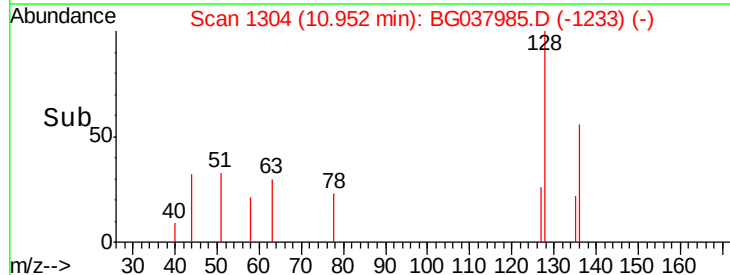
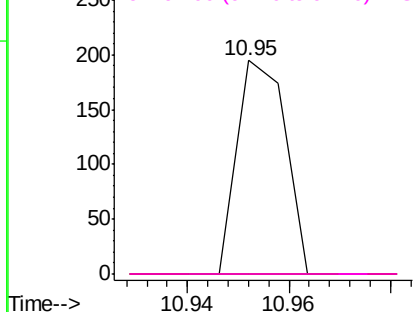


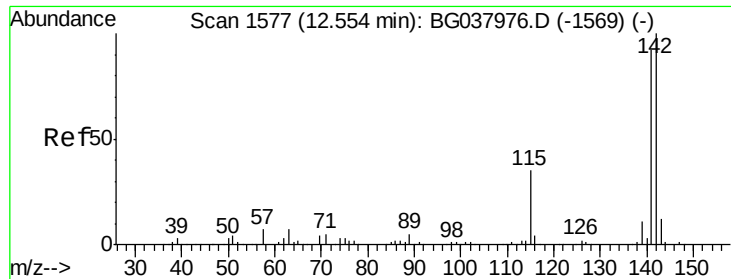
#33
4-Chloroaniline
Concen: 0.030 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.12 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

Tgt Ion:127 Resp: 130
Ion Ratio Lower Upper
127 100
129 0.0 27.1 40.7#
65 0.0 26.6 39.8#
92 0.0 16.4 24.6#



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

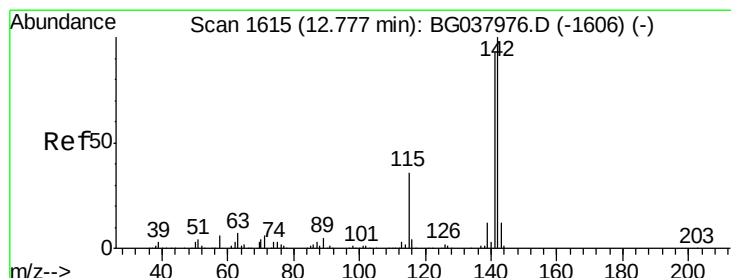
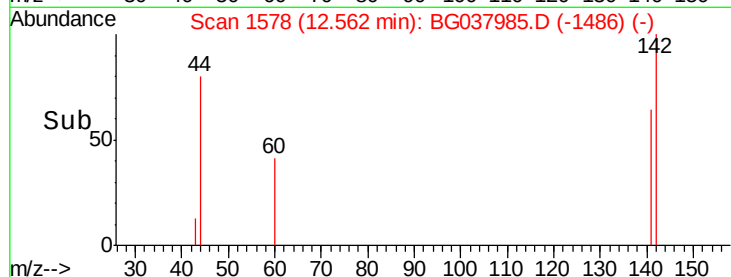
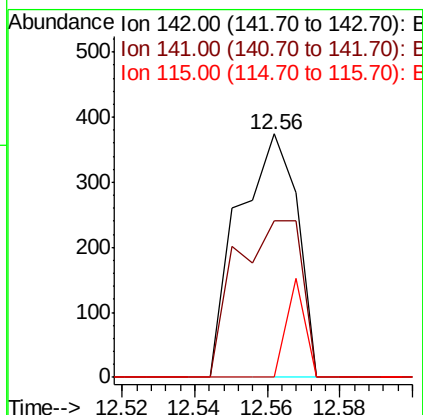
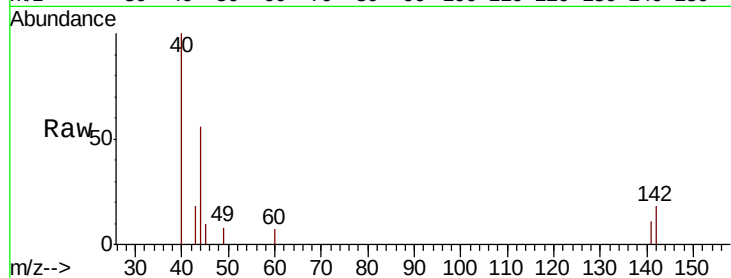




#37
2-Methylnaphthalene
Concen: 0.063 ng
RT: 12.56 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

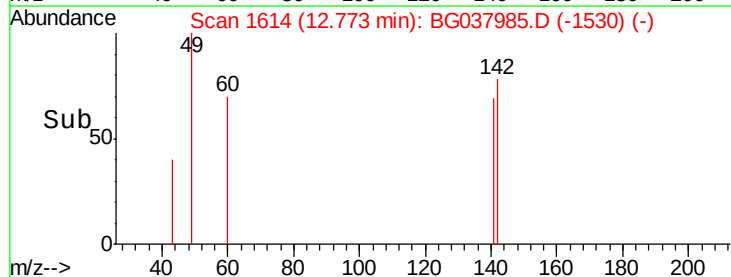
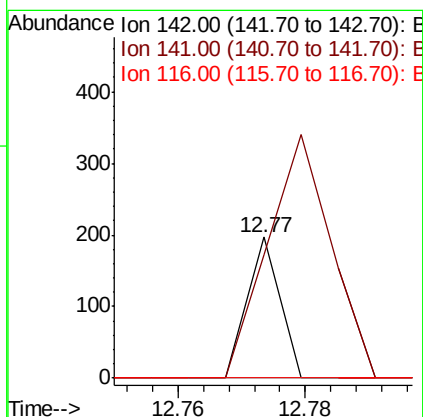
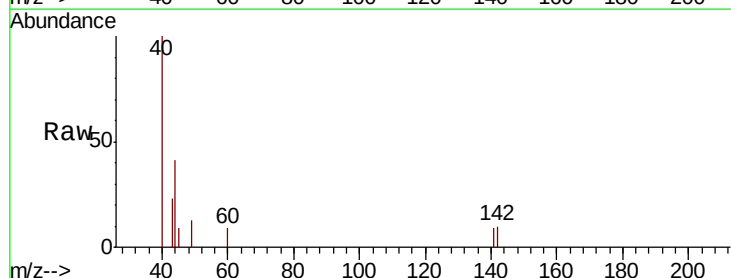
Instrument :
BNA_G
ClientSampleId :
SB-15-D

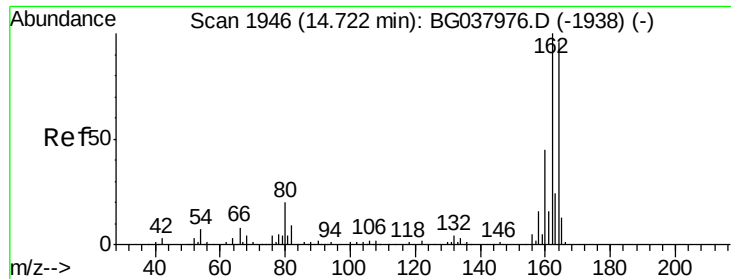
Tgt Ion:142 Resp: 419
Ion Ratio Lower Upper
142 100
141 64.2 71.9 107.9#
115 0.0 27.8 41.8#



#38
1-Methylnaphthalene
Concen: 0.011 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

Tgt Ion:142 Resp: 69
Ion Ratio Lower Upper
142 100
141 87.8 75.2 112.8
116 0.0 3.3 4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

SB-15-D

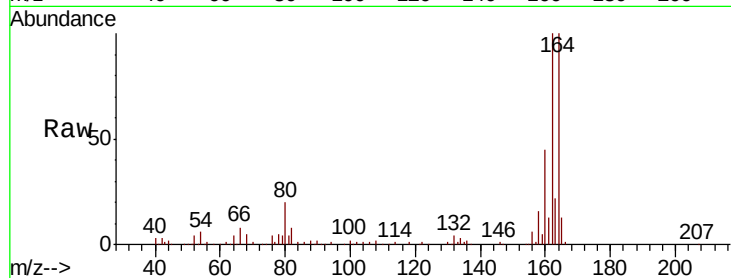
Tgt Ion:164 Resp: 121647

Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

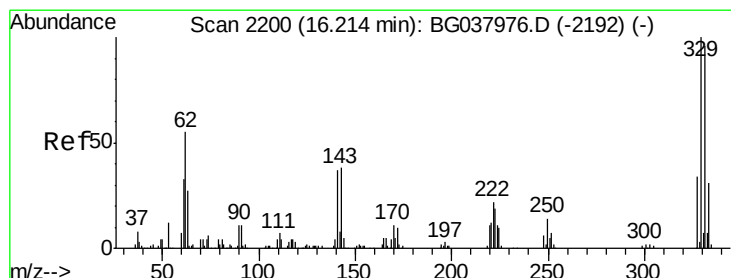
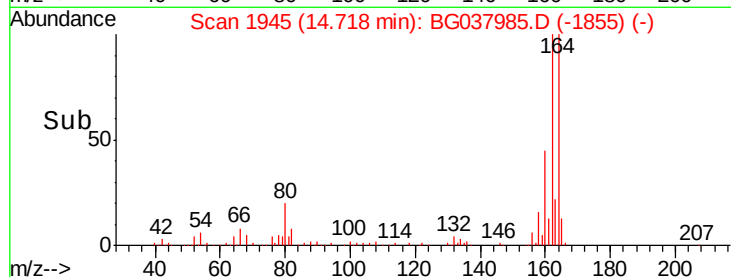
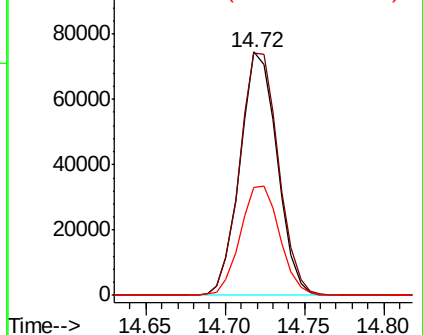
160 44.5 36.3 54.5



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: 122.432 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

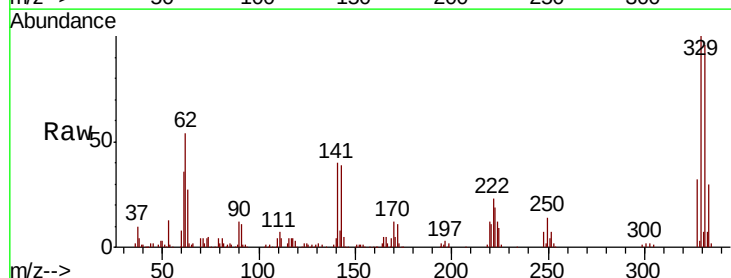
Tgt Ion:330 Resp: 169856

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

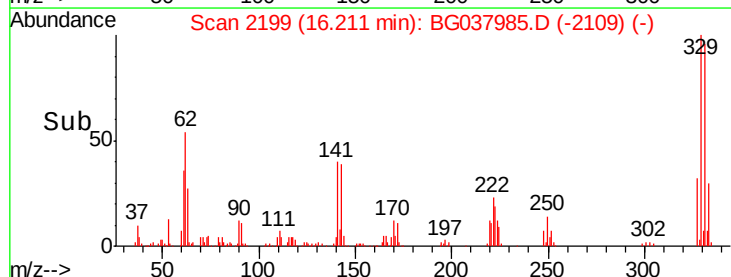
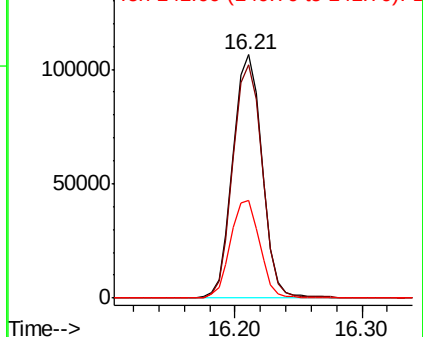
141 40.2 32.2 48.2

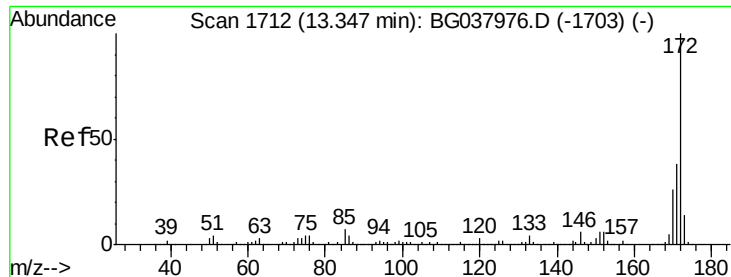


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

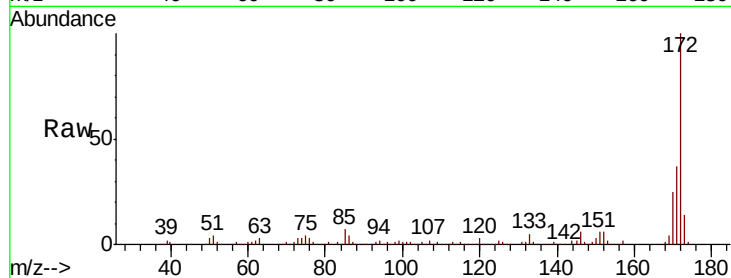




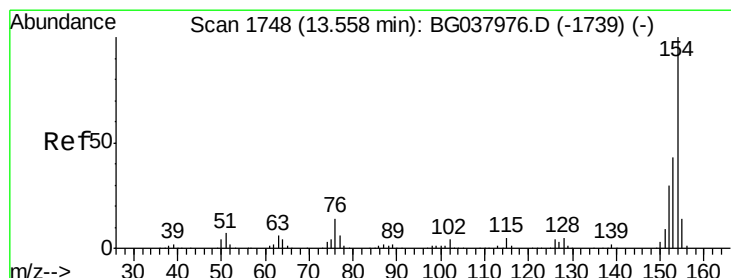
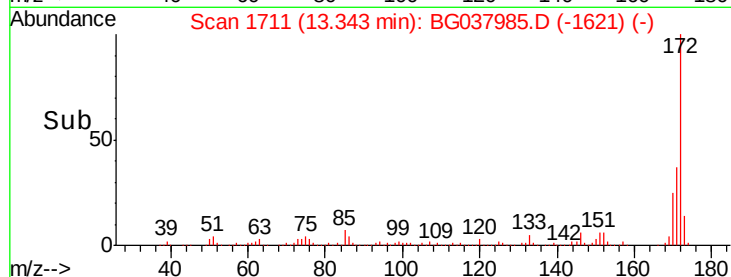
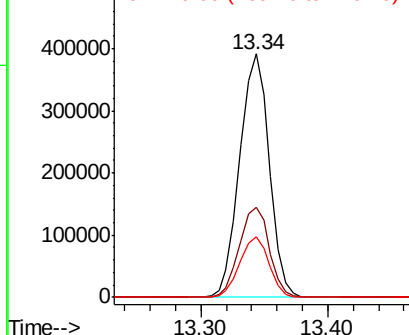
#45
 2-Fluorobiphenyl
 Concen: 75.698 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-D

Tgt Ion:172 Resp: 632077
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 24.9 20.2 30.2

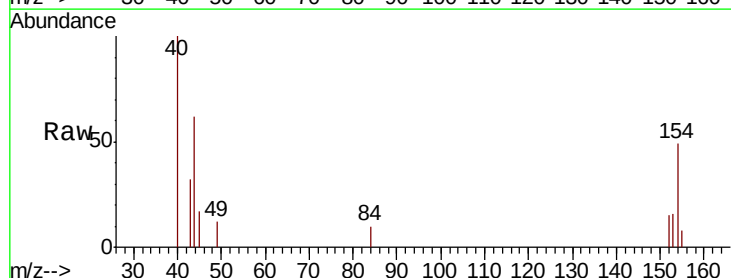


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

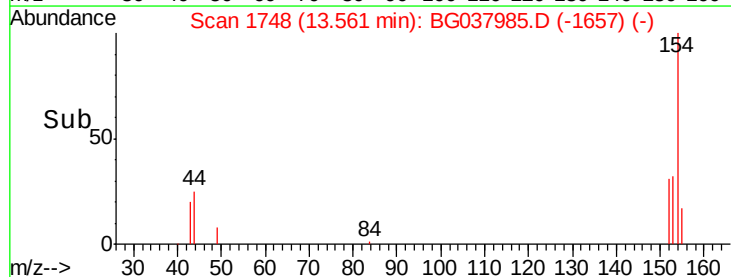
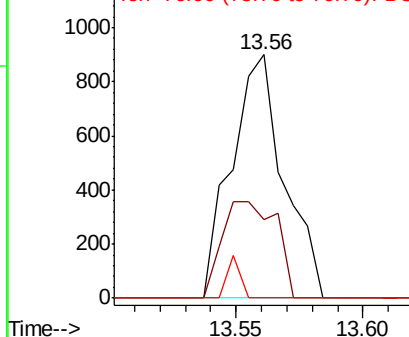


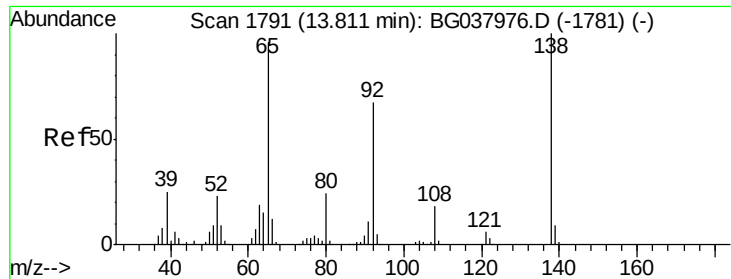
#46
 1,1'-Biphenyl
 Concen: 0.127 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Tgt Ion:154 Resp: 1299
 Ion Ratio Lower Upper
 154 100
 153 32.4 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): BG

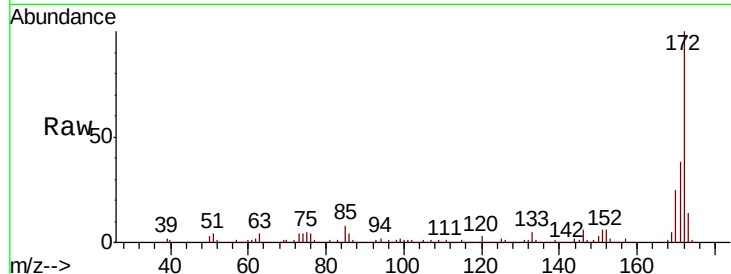




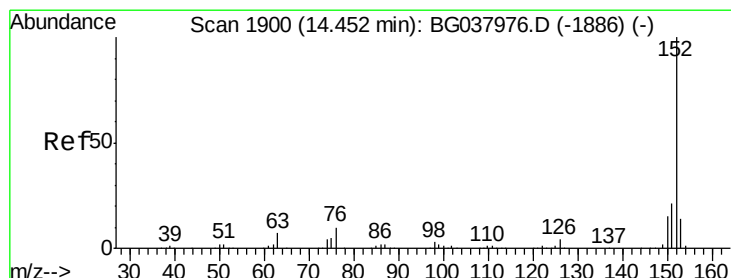
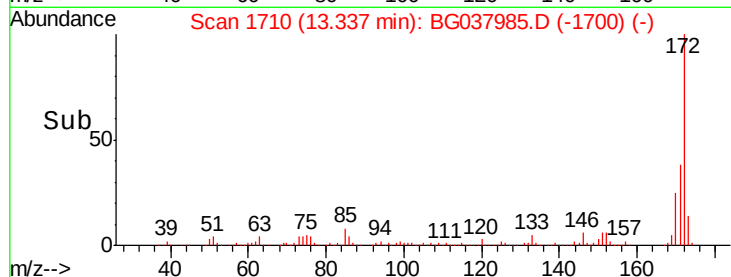
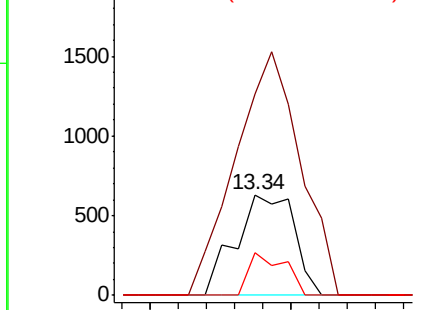
#48
 2-Nitroaniline
 Concen: 0.369 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.47 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-D

Tgt Ion: 65 Resp: 906
 Ion Ratio Lower Upper
 65 100
 92 201.0 53.2 79.8#
 138 42.2 79.3 118.9#

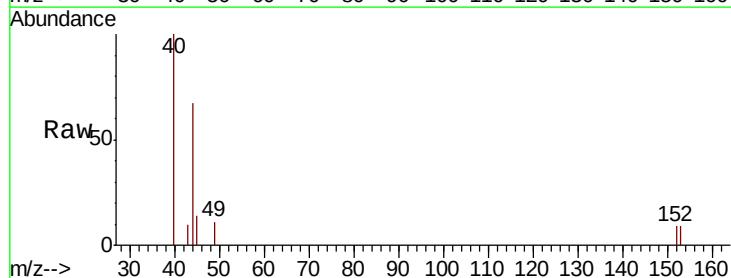


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

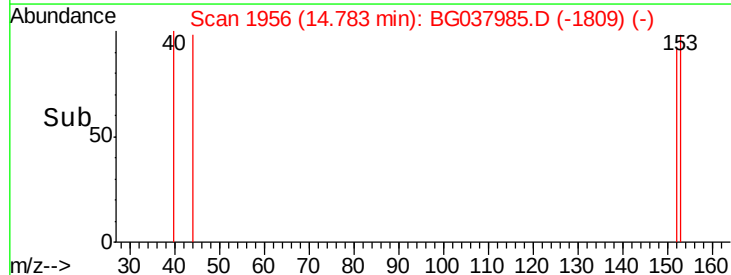
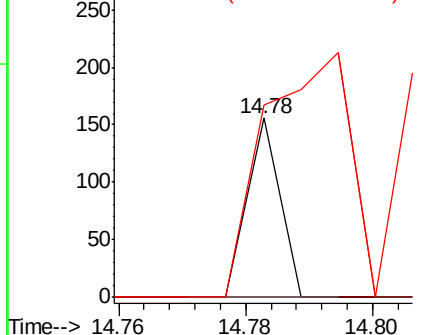


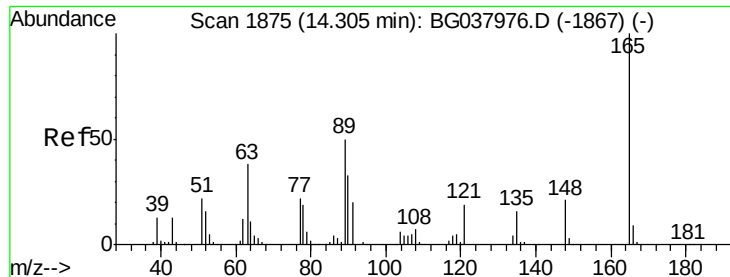
#49
 Acenaphthylene
 Concen: 0.005 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. 0.33 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Tgt Ion: 152 Resp: 55
 Ion Ratio Lower Upper
 152 100
 151 0.0 17.1 25.7#
 153 107.1 11.1 16.7#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

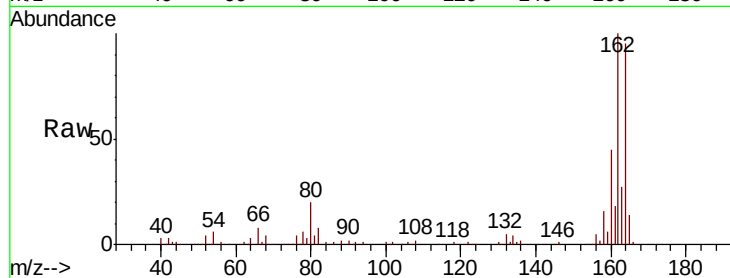




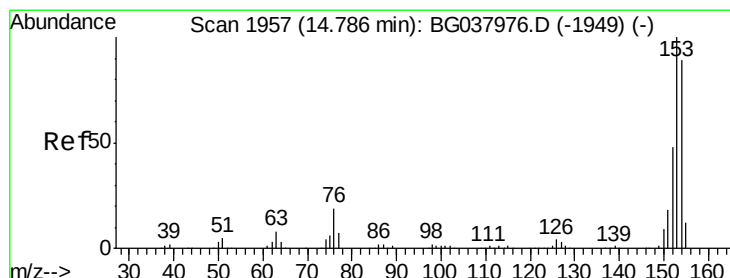
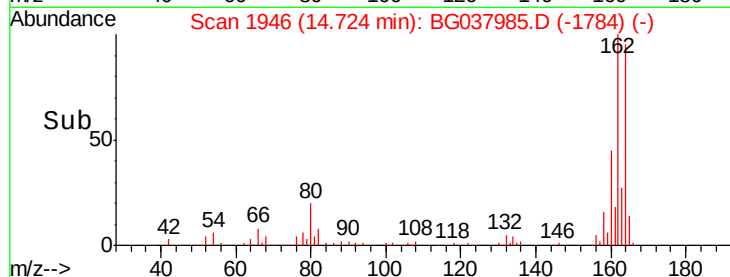
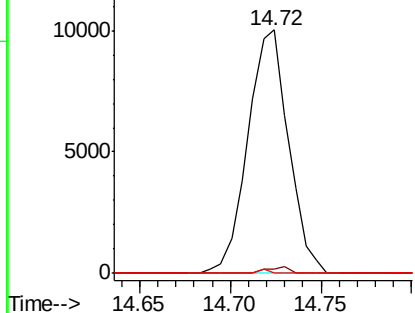
#51
 2,6-Dinitrotoluene
 Concen: 7.166 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-D

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	0.0	45.8	68.6#

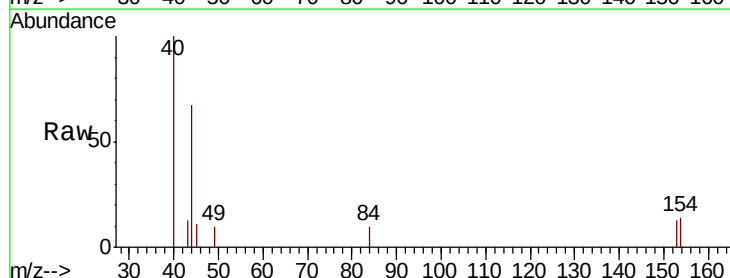


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

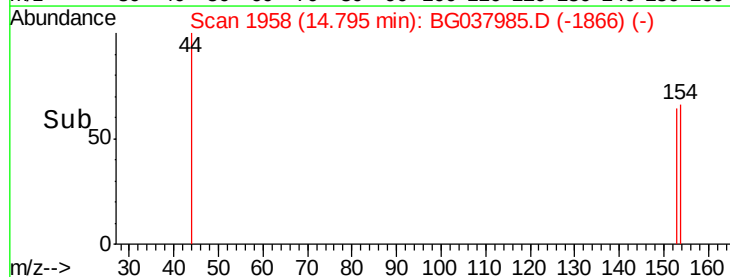
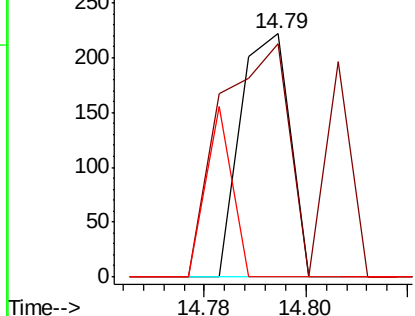


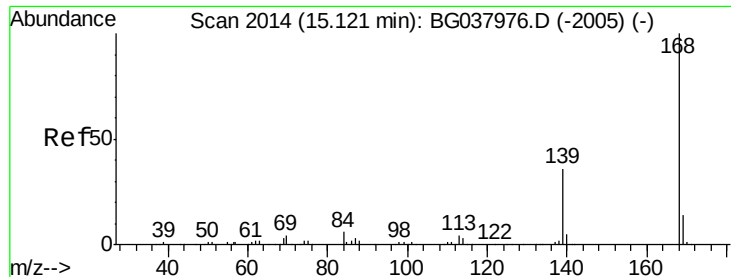
#52
 Acenaphthene
 Concen: 0.021 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. 0.01 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	95.9	93.4	140.0
152	0.0	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

Dibenzofuran

Concen: 0.012 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

SB-15-D

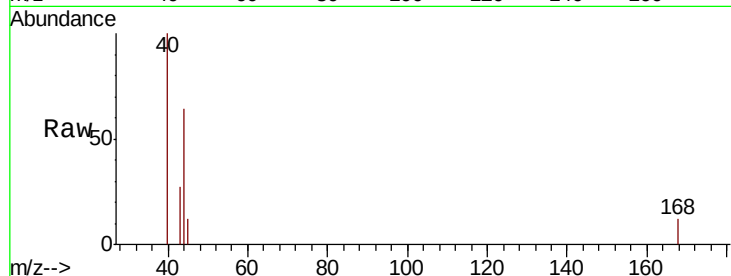
Tgt Ion:168 Resp: 142

Ion Ratio Lower Upper

168 100

139 0.0 29.4 44.0#

169 0.0 11.0 16.6#

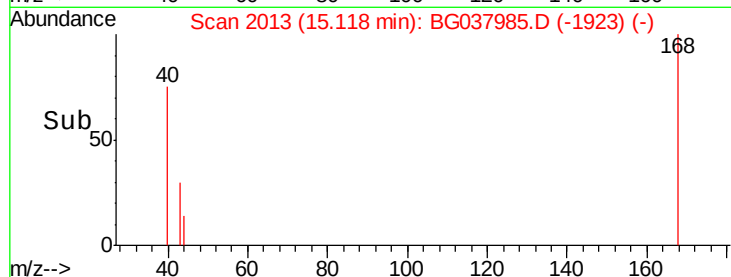


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->

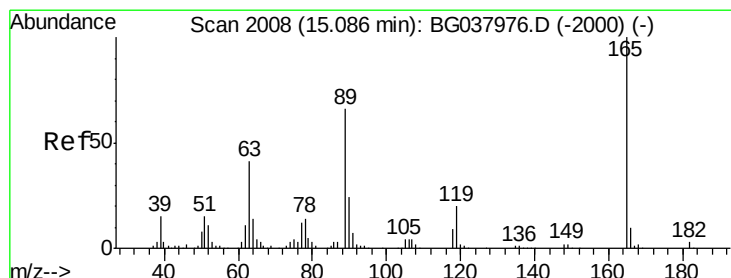


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



#57

2,4-Dinitrotoluene

Concen: 5.267 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.36 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Tgt Ion:165 Resp: 15641

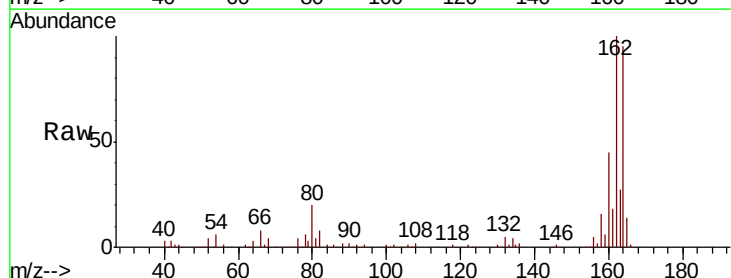
Ion Ratio Lower Upper

165 100

63 1.6 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#



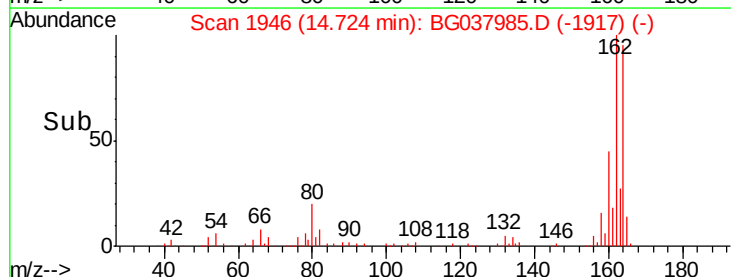
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

Time-->



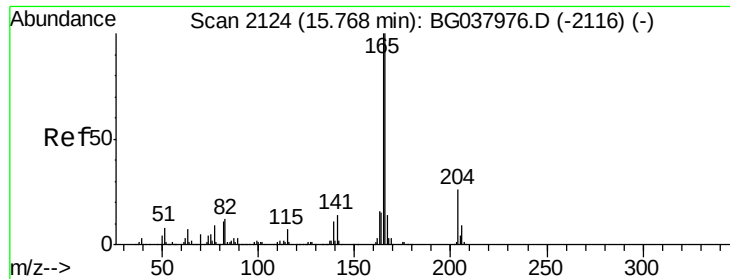
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

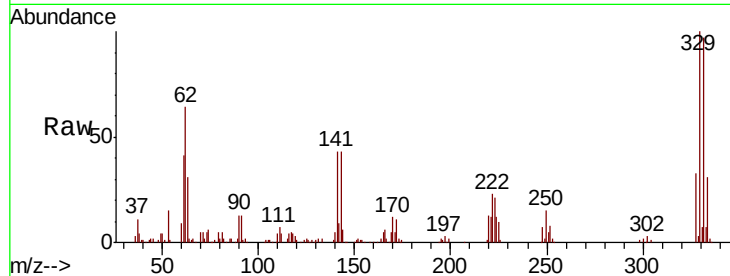
Time-->



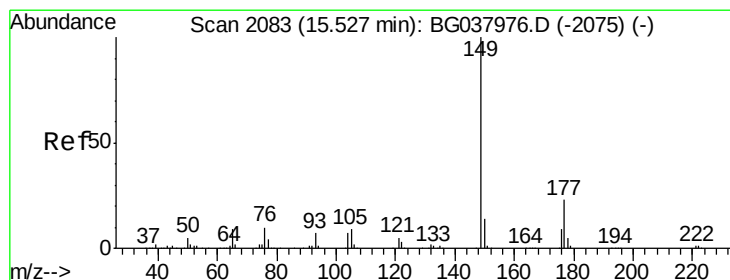
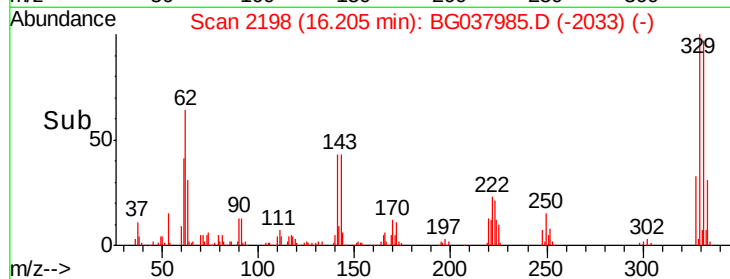
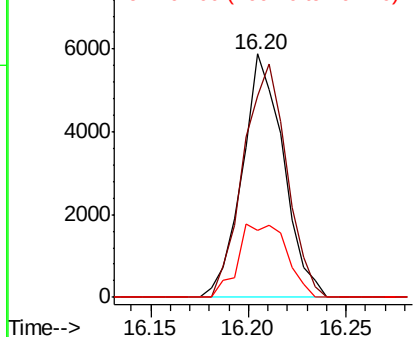
#58
 Fluorene
 Concen: 0.987 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. 0.44 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-D

Tgt Ion:166 Resp: 8593
 Ion Ratio Lower Upper
 166 100
 165 143.5 79.0 118.6#
 167 21.5 11.3 16.9#

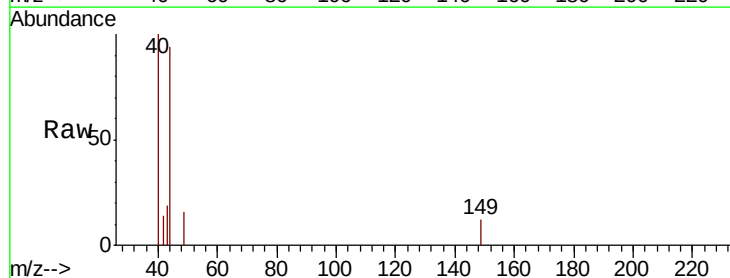


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

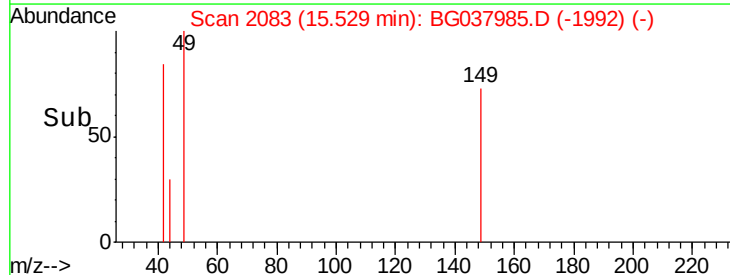
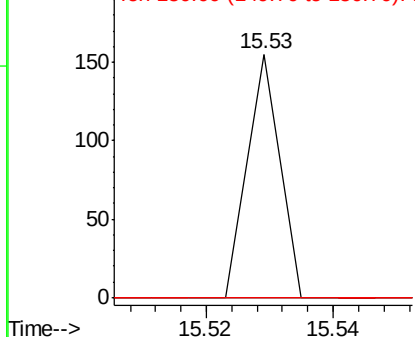


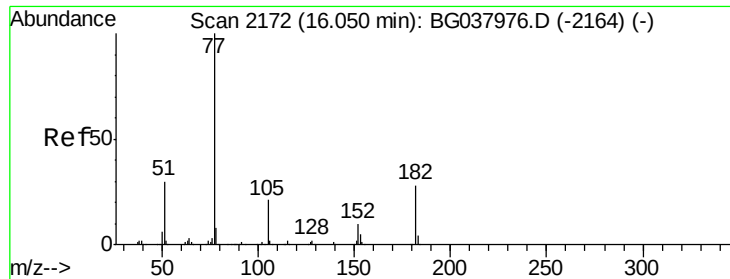
#60
 Diethylphthalate
 Concen: 0.005 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Tgt Ion:149 Resp: 55
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.3 27.5#
 150 0.0 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.100 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.16 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

SB-15-D

Tgt Ion: 77 Resp: 919

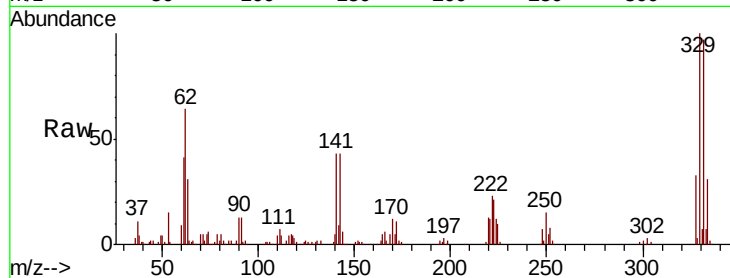
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 85.9 1.3 41.3#

51 94.3 10.7 50.7#

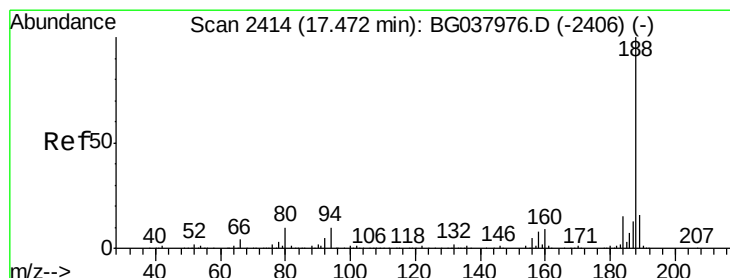
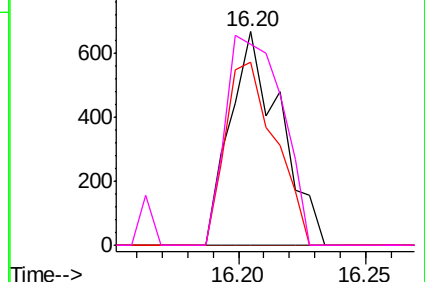
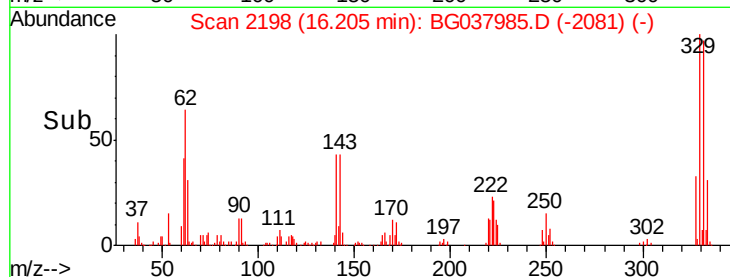


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

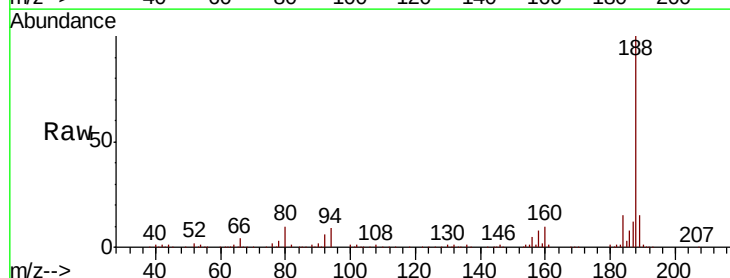
Tgt Ion: 188 Resp: 301066

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

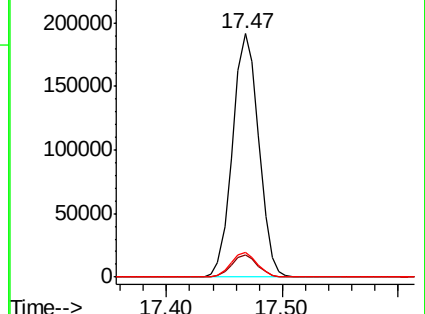
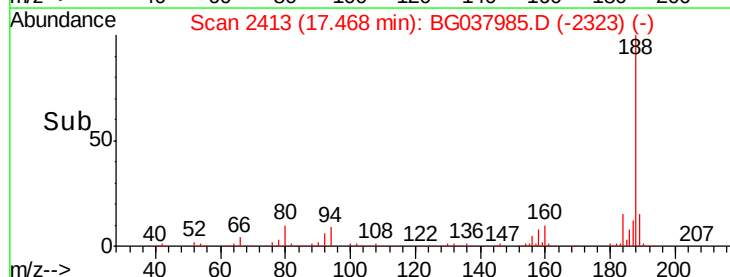
80 10.2 7.7 11.5

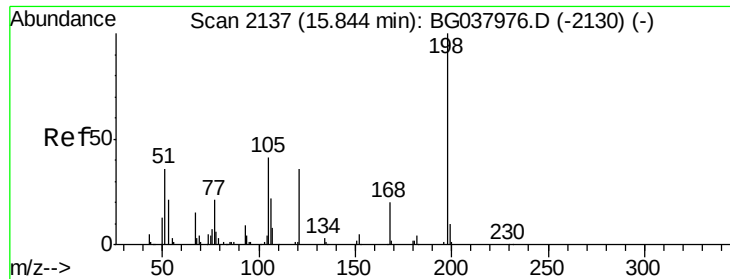


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

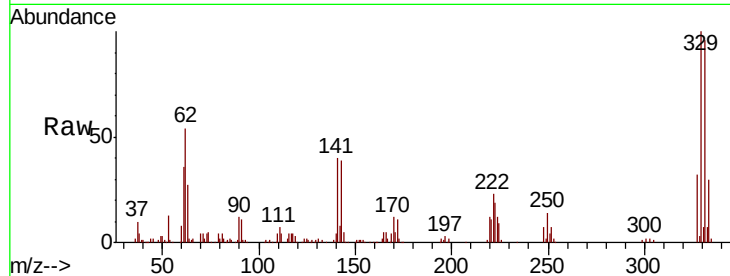




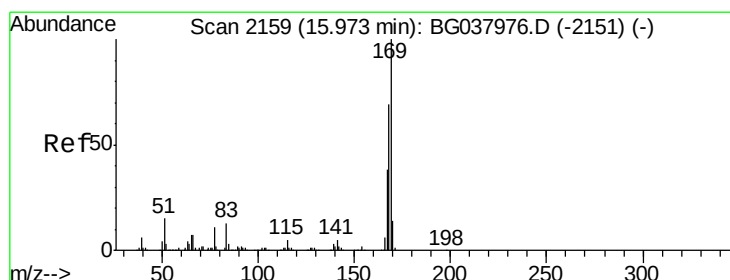
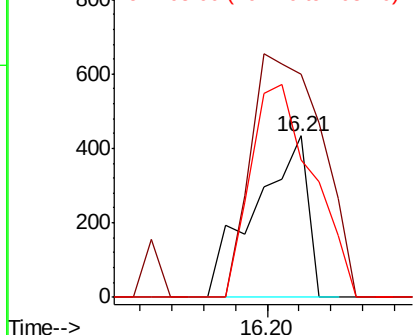
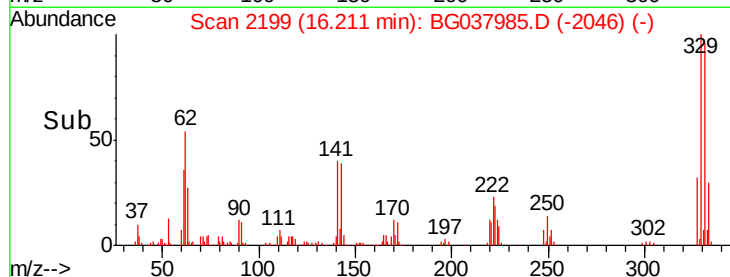
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.261 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.37 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-D

Tgt Ion:198 Resp: 497
 Ion Ratio Lower Upper
 198 100
 51 28.2 22.7 62.7
 105 17.4 19.7 59.7#

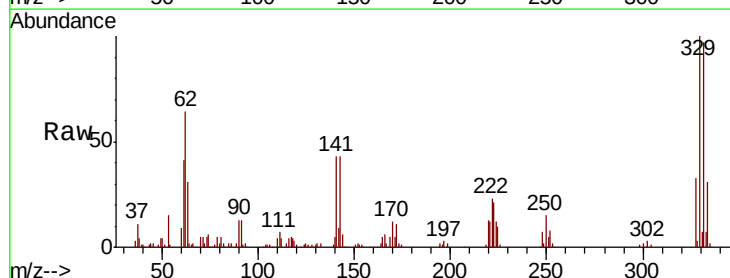


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

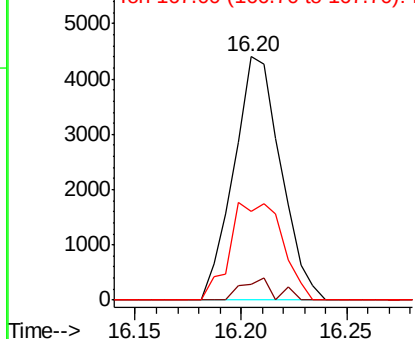
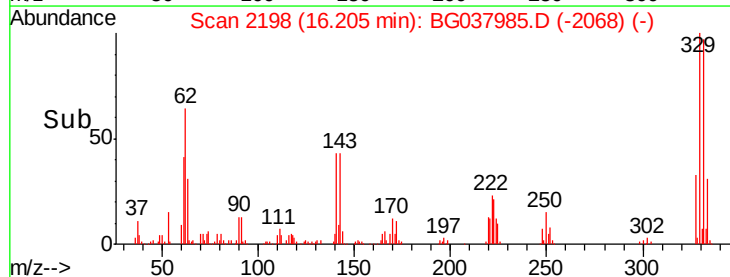


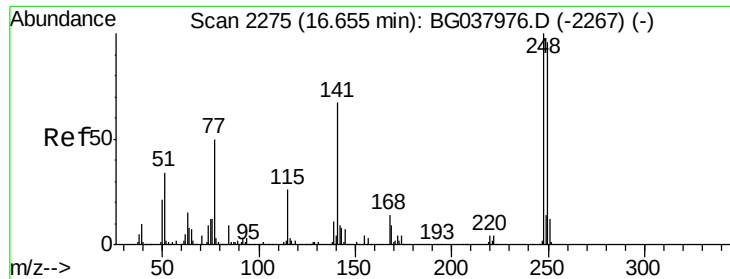
#66
 n-Nitrosodiphenylamine
 Concen: 0.747 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. 0.23 min
 Lab File: BG037985.D
 Acq: 13 Nov 2018 19:58

Tgt Ion:169 Resp: 6804
 Ion Ratio Lower Upper
 169 100
 168 6.3 55.7 83.5#
 167 36.5 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

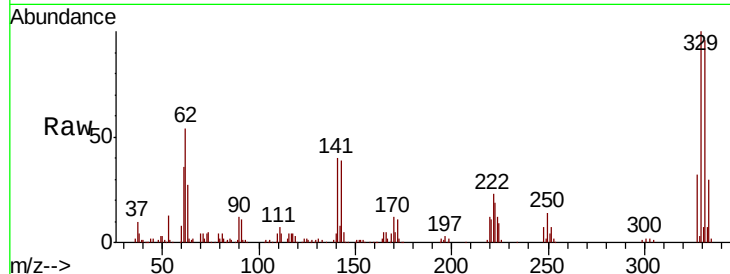




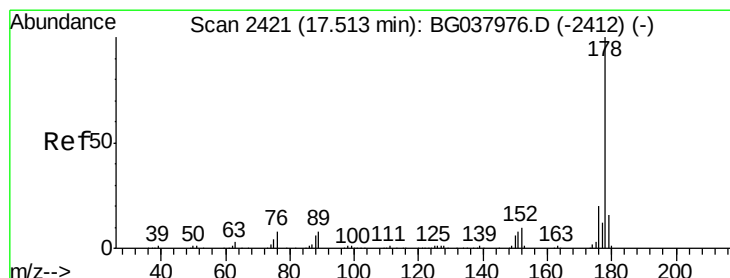
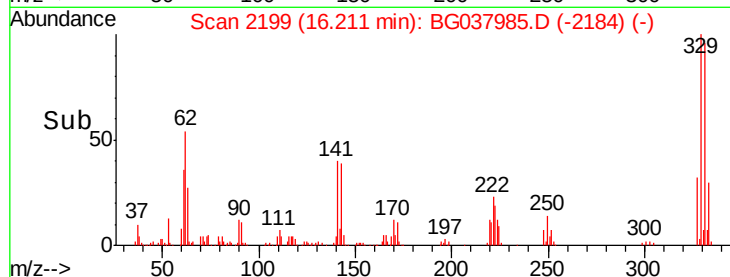
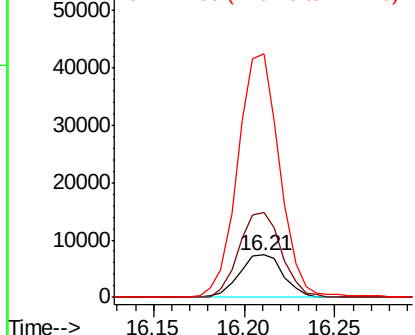
#67
4-Bromophenyl-phenylether
Concen: 3.750 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.44 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

Instrument :
BNA_G
ClientSampleId :
SB-15-D

Tgt Ion: 248 Resp: 12391
Ion Ratio Lower Upper
248 100
250 197.9 77.0 115.6#
141 436.4 55.5 83.3#

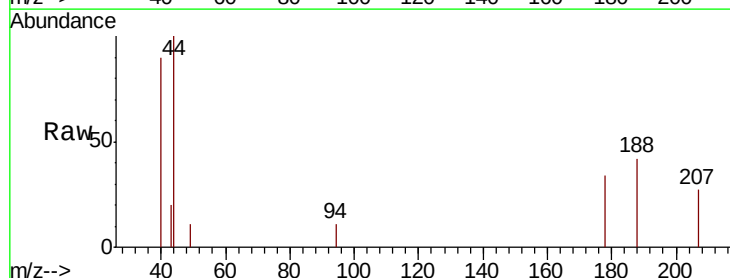


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

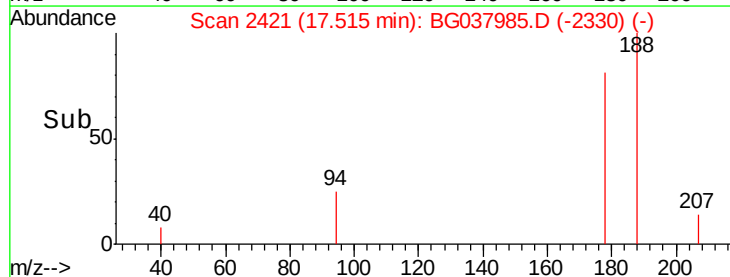
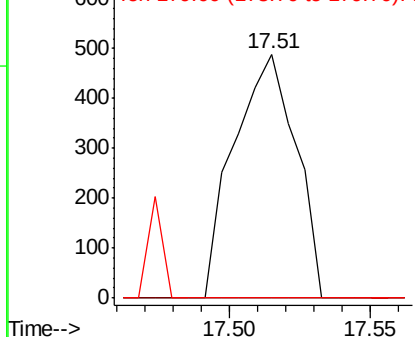


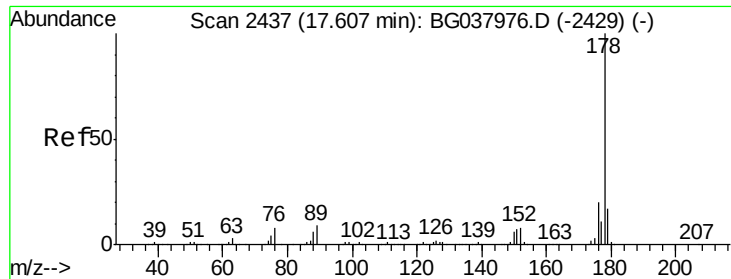
#71
Phenanthrene
Concen: 0.048 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

Tgt Ion: 178 Resp: 739
Ion Ratio Lower Upper
178 100
176 0.0 16.1 24.1#
179 0.0 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: 0.009 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

SB-15-D

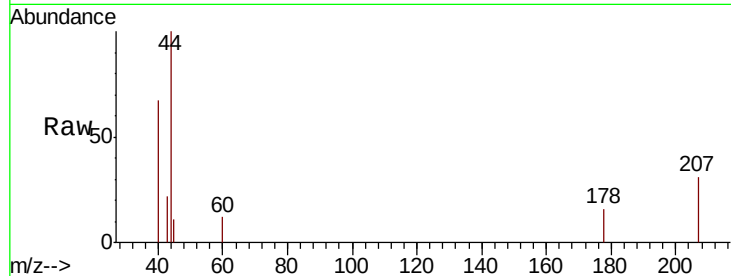
Tgt Ion:178 Resp: 144

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

179 0.0 12.8 19.2#

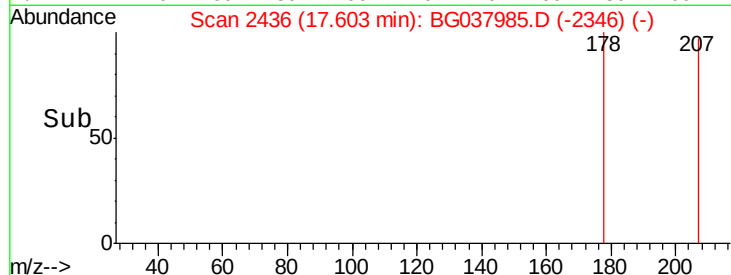


Abundance Ion 178.00 (177.70 to 178.70): E

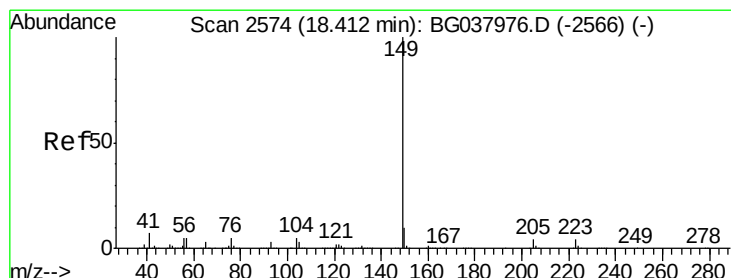
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.60



Time--> 17.58 17.60 17.62



#74

Di-n-butylphthalate

Concen: 0.049 ng

RT: 18.41 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

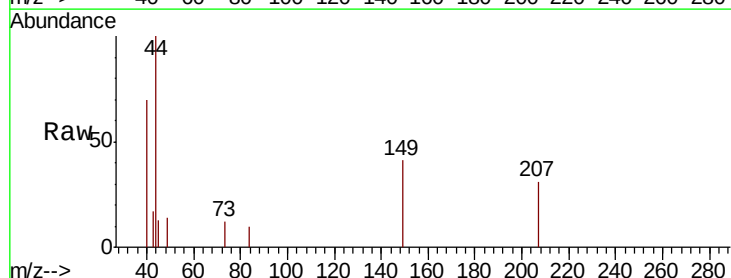
Tgt Ion:149 Resp: 840

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

104 0.0 4.0 6.0#

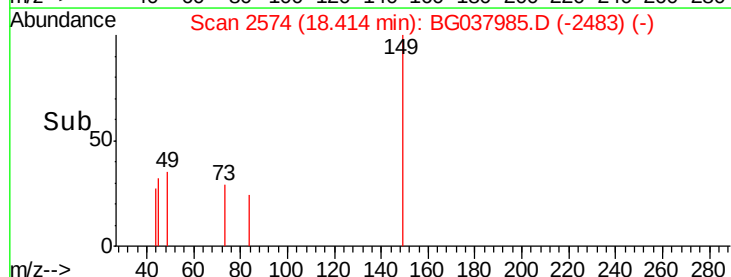


Abundance Ion 149.00 (148.70 to 149.70): E

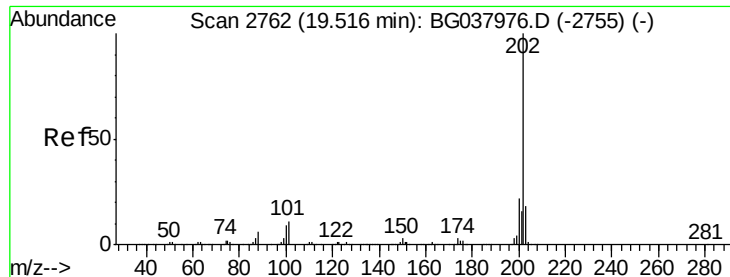
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.41



Time--> 18.40



#75

Fluoranthene

Concen: 0.021 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampled :

SB-15-D

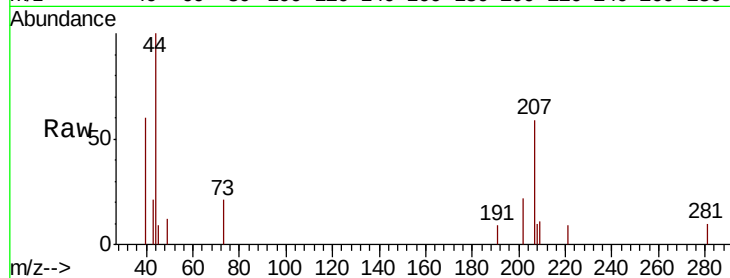
Tgt Ion:202 Resp: 378

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

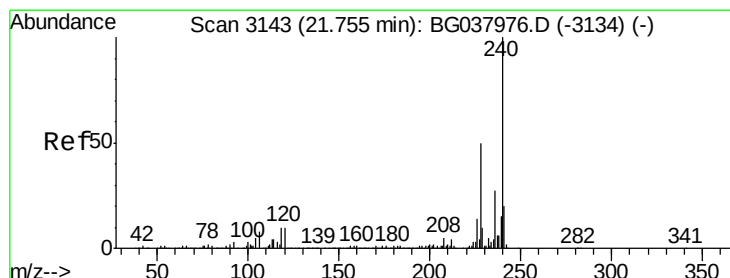
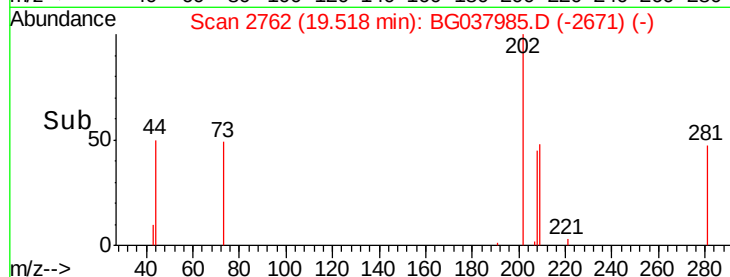
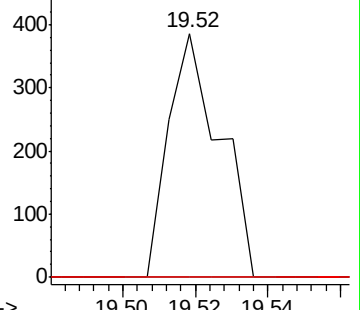
203 0.0 0.0 38.5



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. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

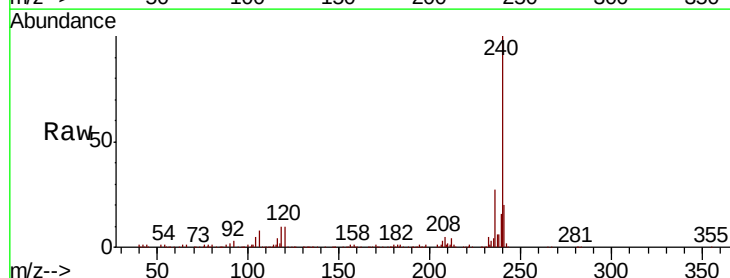
Tgt Ion:240 Resp: 294302

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

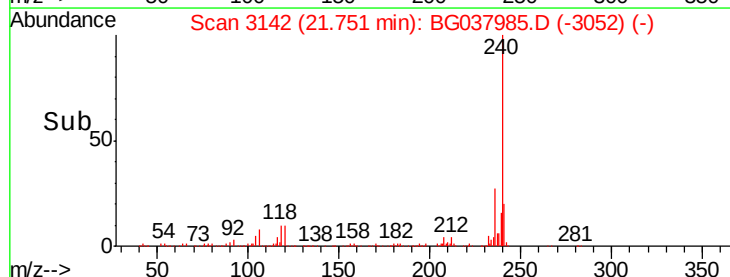
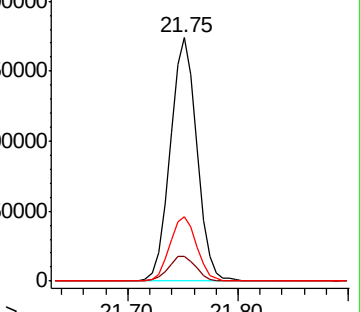
236 26.6 21.4 32.0

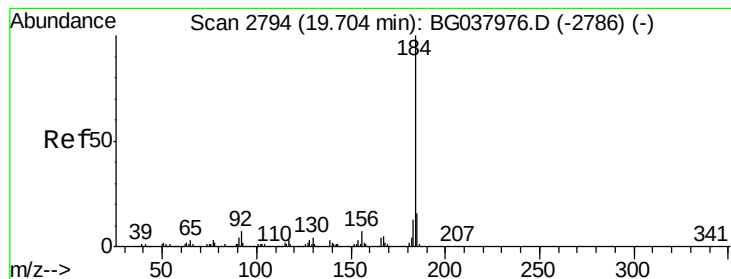


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.736 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.37 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

SB-15-D

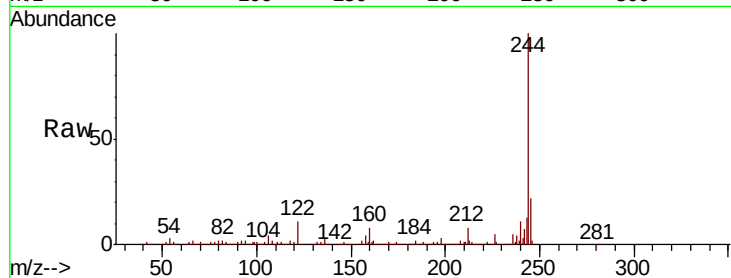
Tgt Ion:184 Resp: 17931

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

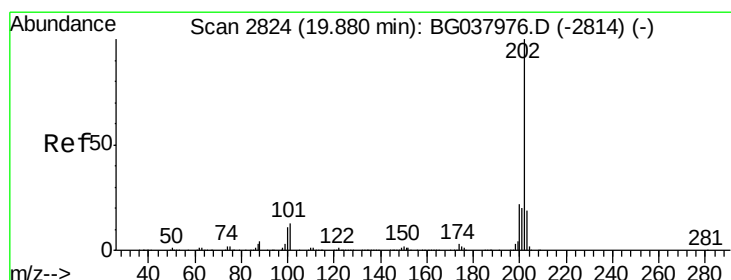
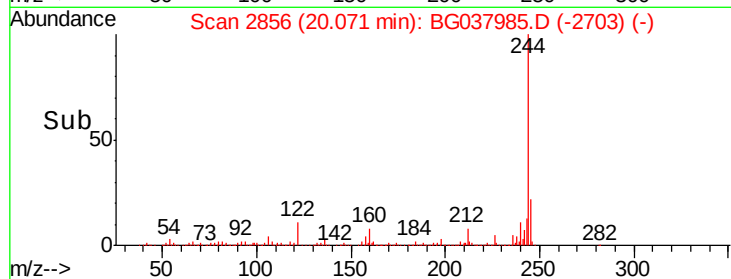
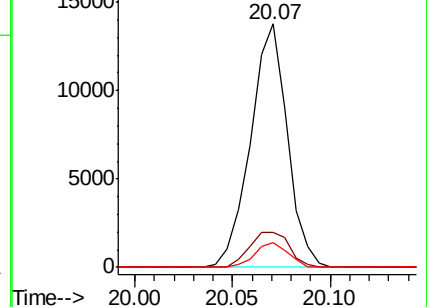
183 10.1 10.2 15.2#



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



#78

Pyrene

Concen: 0.023 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

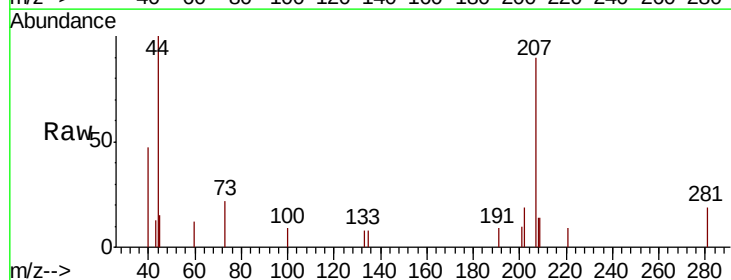
Tgt Ion:202 Resp: 444

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.6#

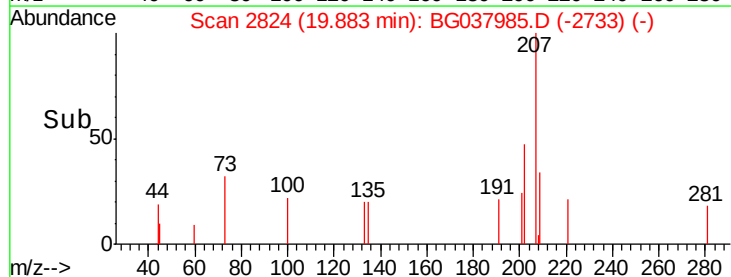
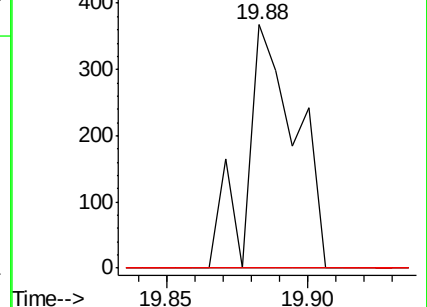
203 0.0 15.2 22.8#

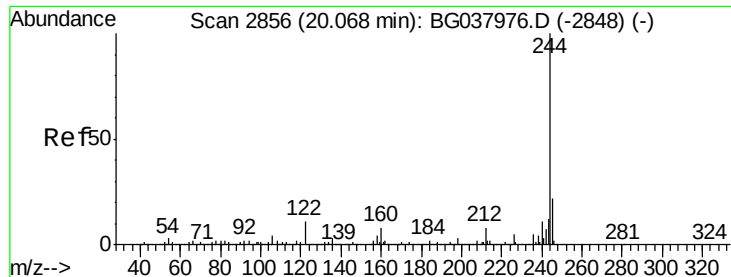


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.175 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampled :

SB-15-D

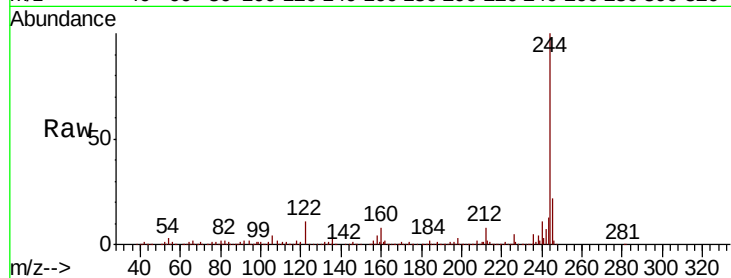
Tgt Ion:244 Resp: 1115356

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

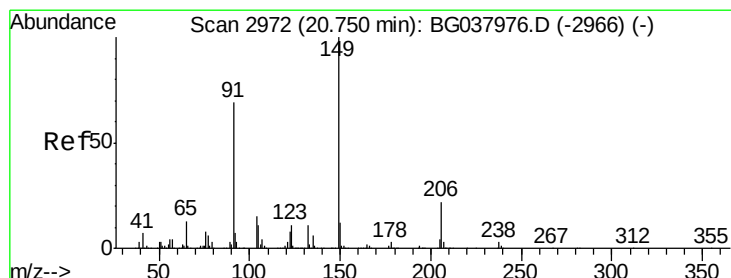
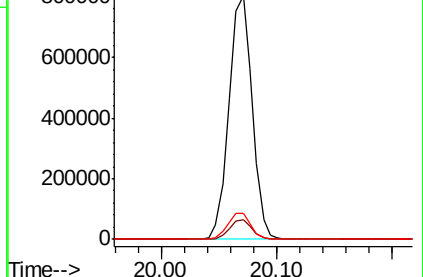
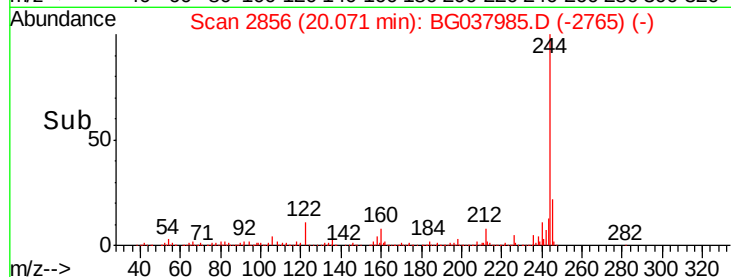
122 10.6 9.0 13.4



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: 0.043 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

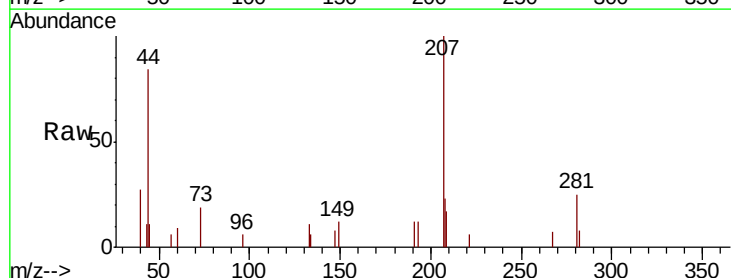
Tgt Ion:149 Resp: 361

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

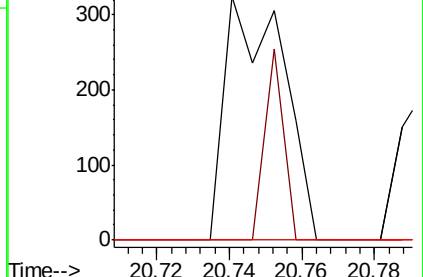
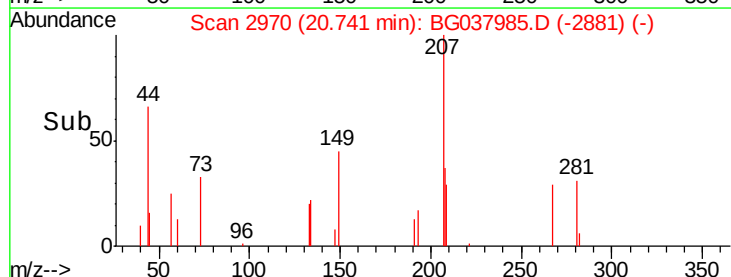
206 0.0 17.8 26.6#

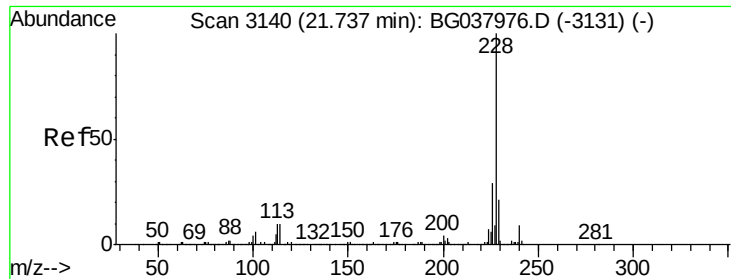


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

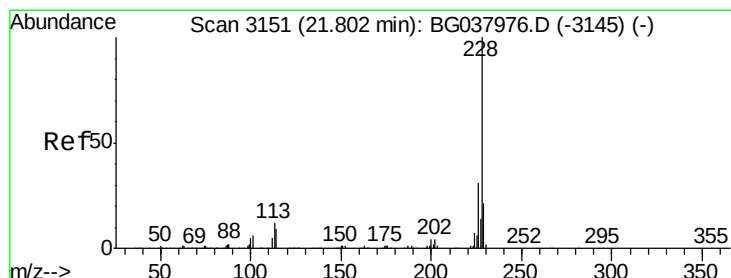
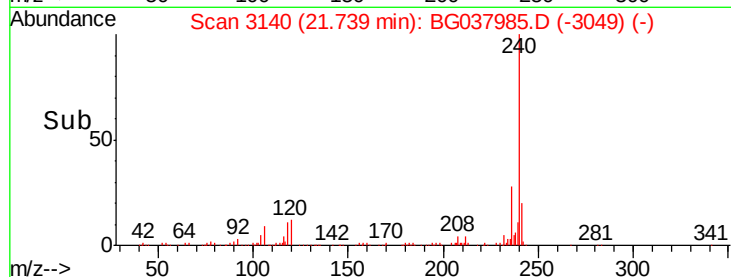
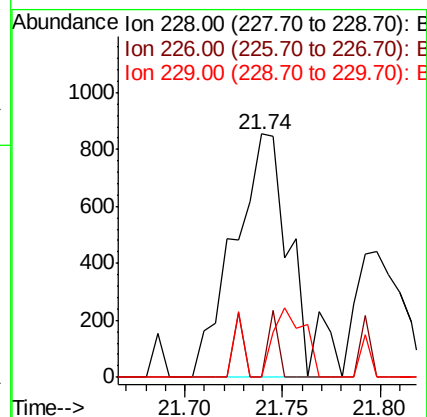
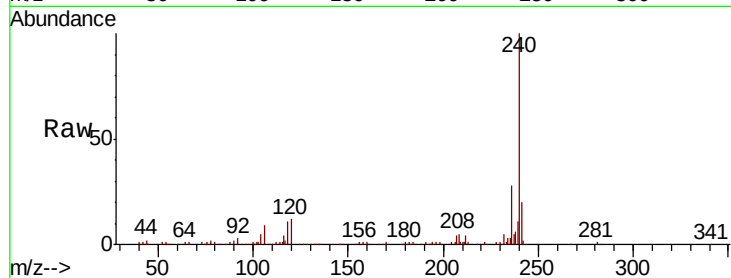




#81
Benzo(a)anthracene
Concen: 0.098 ng
RT: 21.74 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

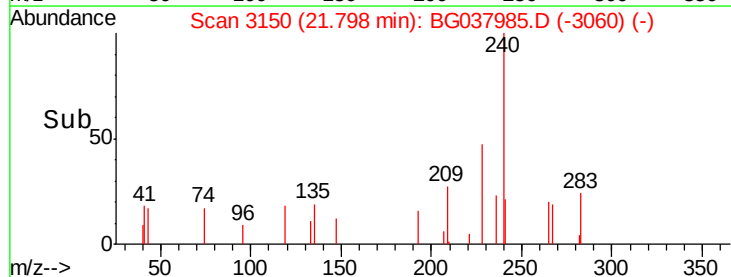
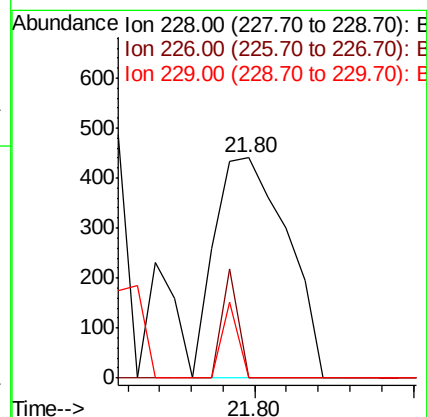
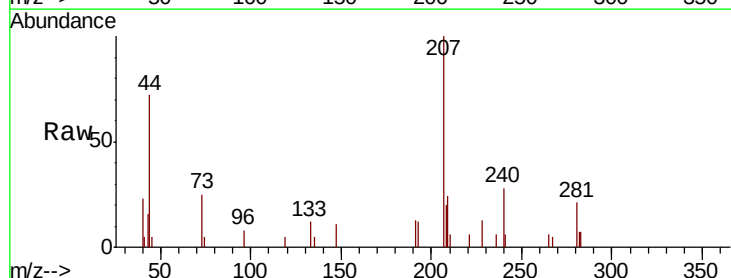
Instrument :
BNA_G
ClientSampleId :
SB-15-D

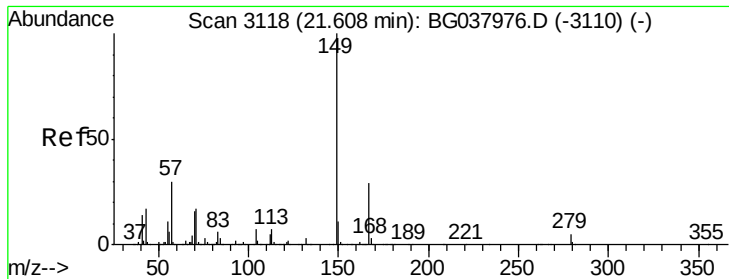
Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#



#83
Chrysene
Concen: 0.041 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG037985.D
Acq: 13 Nov 2018 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.7	38.5#
229	0.0	16.5	24.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.061 ng

RT: 21.61 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

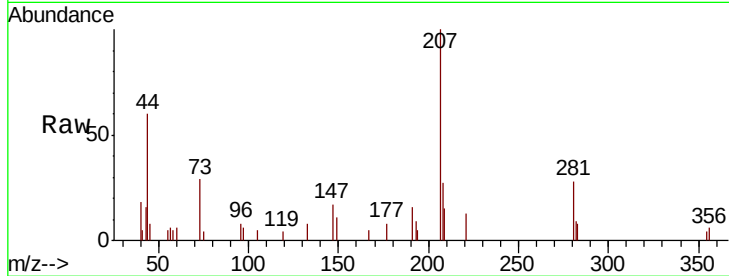
Instrument :

BNA_G

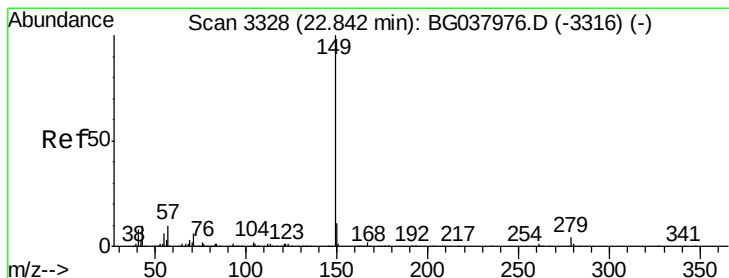
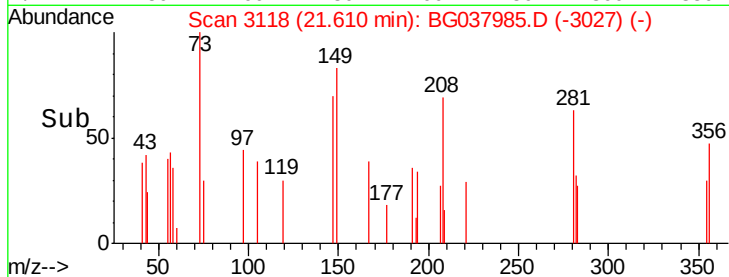
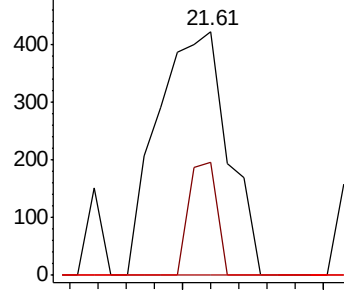
ClientSampled :

SB-15-D

Tgt Ion:	149	Resp:	730
Ion Ratio	Lower	Upper	
149	100		
167	46.6	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



#85

Di-n-octyl phthalate

Concen: 0.043 ng

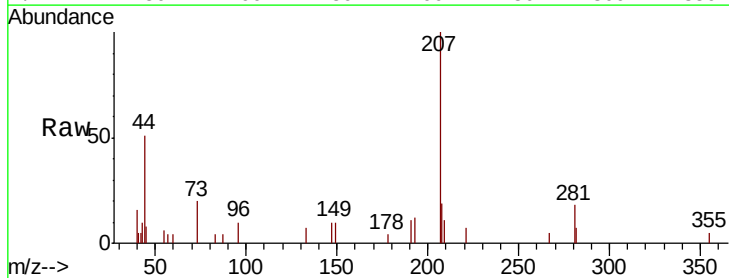
RT: 22.84 min Scan# 3328

Delta R.T. 0.00 min

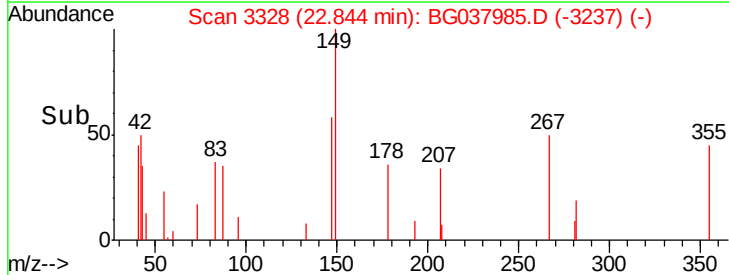
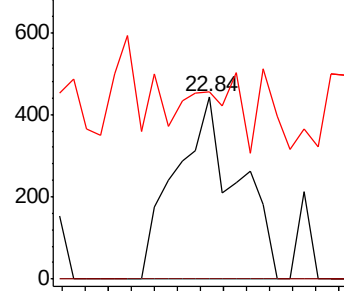
Lab File: BG037985.D

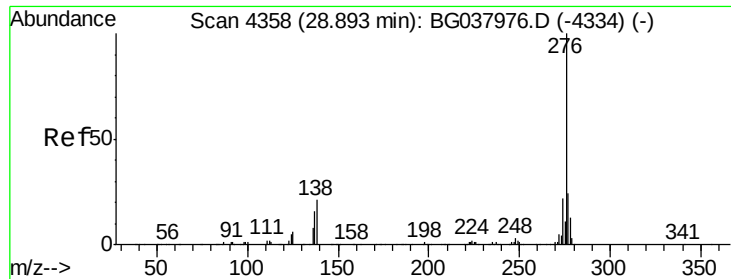
Acq: 13 Nov 2018 19:58

Tgt Ion:	149	Resp:	826
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





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 28.90 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

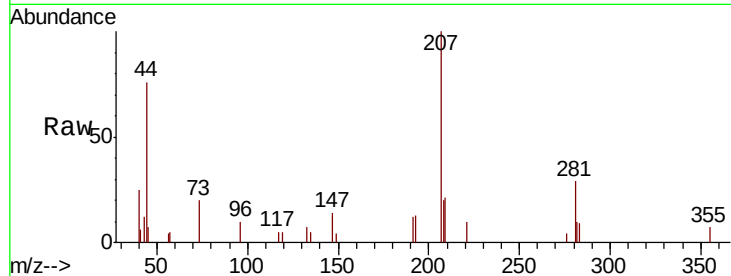
Instrument :

BNA_G

ClientSampleId :

SB-15-D

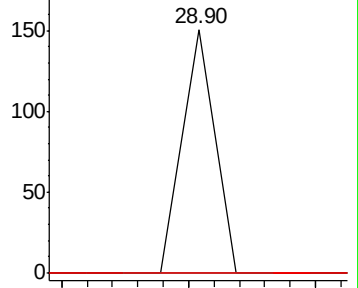
Tgt Ion:	276	Resp:	53
Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.0	18.0#
277	0.0	20.6	30.8#



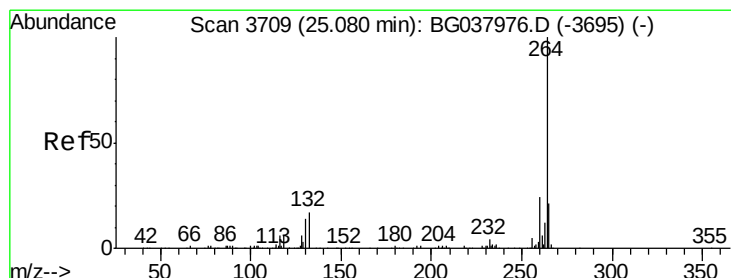
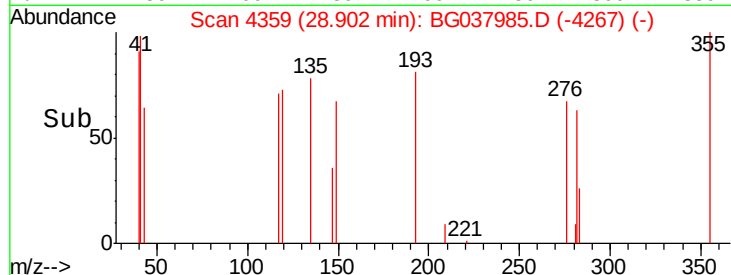
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

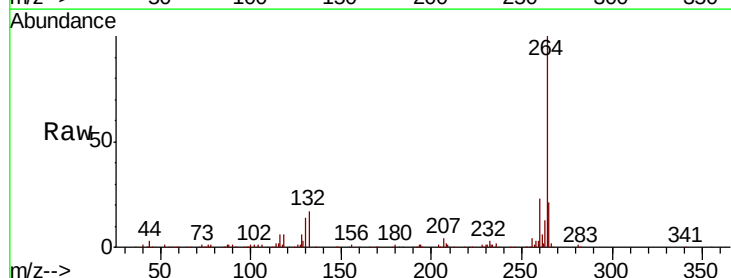
RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

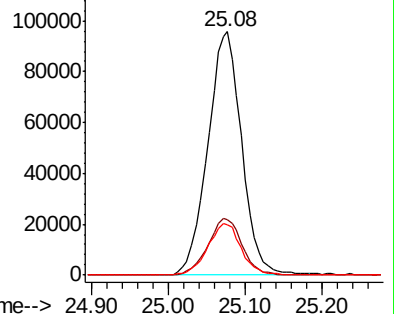
Tgt Ion:	264	Resp:	293814
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.6	17.9	26.9



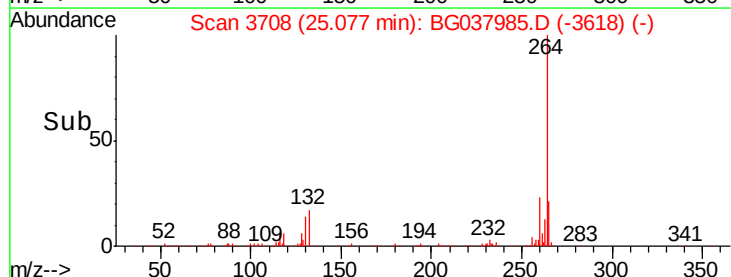
Abundance Ion 264.00 (263.70 to 264.70): E

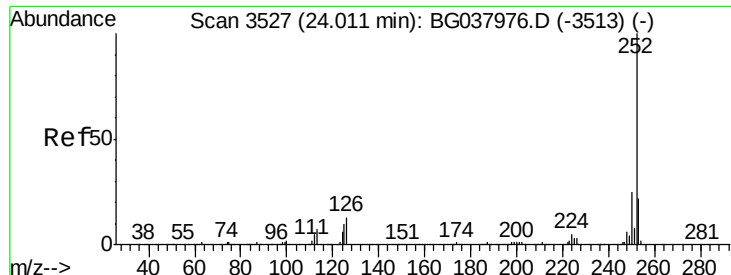
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#88

Benzo(b)fluoranthene

Concen: 0.046 ng

RT: 24.01 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampled :

SB-15-D

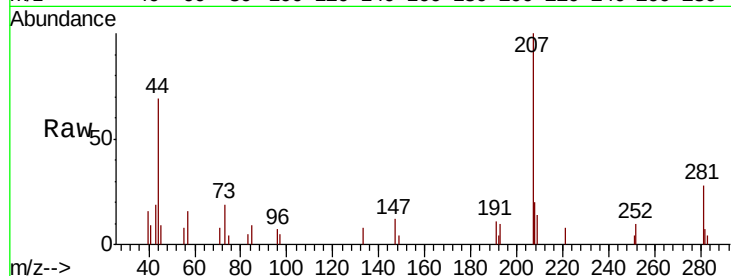
Tgt Ion:252 Resp: 749

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

125 0.0 7.8 11.6#

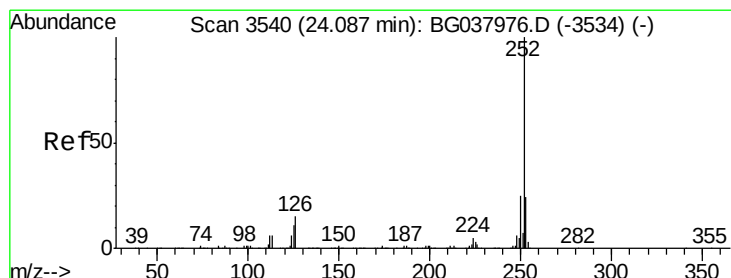
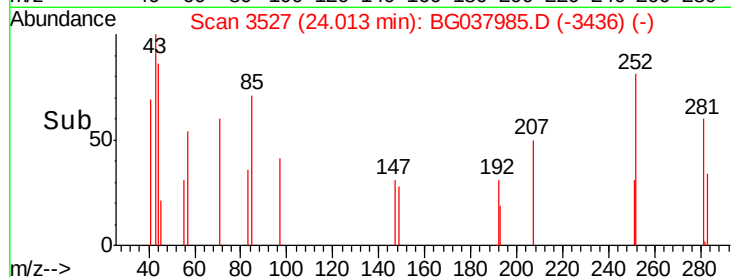
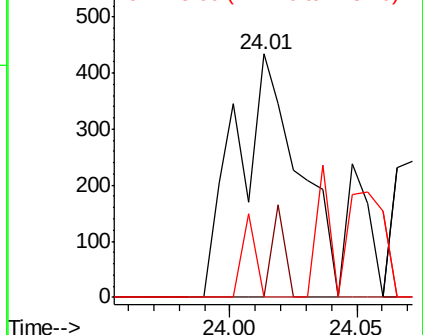


Abundance

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



#89

Benzo(k)fluoranthene

Concen: 0.048 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

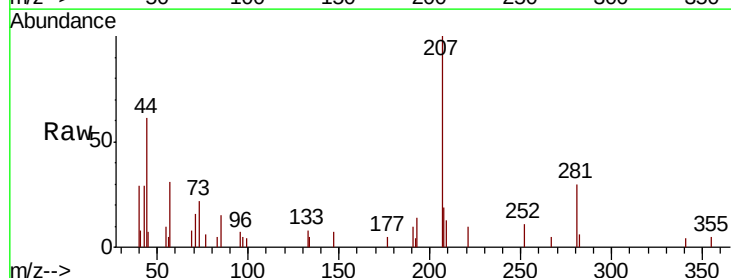
Tgt Ion:252 Resp: 758

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 7.4 11.0#

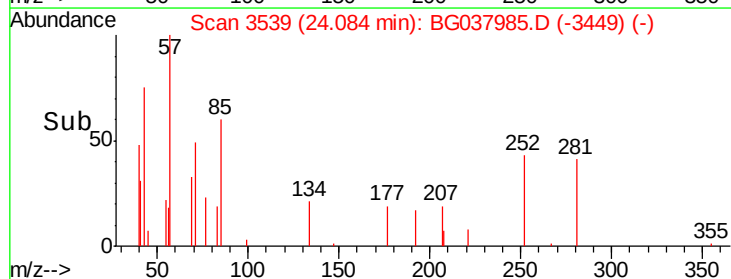
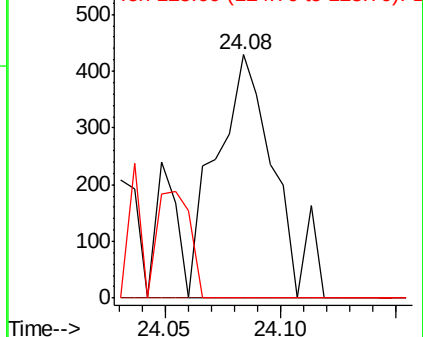


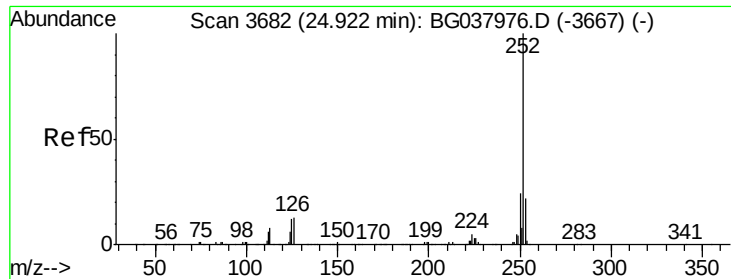
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.020 ng

RT: 24.92 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG037985.D

Acq: 13 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

SB-15-D

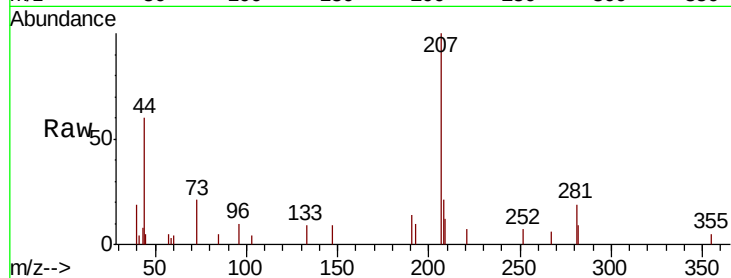
Tgt Ion: 252 Resp: 307

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

