

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040470.D
 Acq On : 12 Apr 2019 20:51
 Operator : JU/SJ
 Sample : PB118855TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:43:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	32908	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	127830	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	78237	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	217650	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	232773	20.00	ng	-0.04
87) Perylene-d12	24.97	264	245838	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	202031	102.06	ng	-0.02
7) Phenol-d6	7.20	99	273270	99.89	ng	-0.02
23) Nitrobenzene-d5	9.22	82	160558	66.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	89562	105.92	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	380469	72.06	ng	-0.03
79) Terphenyl-d14	20.02	244	742319	71.74	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	84	0.090	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	390	0.336	ng	# 1
6) Aniline	7.58	93	242	0.068	ng	# 1
9) Benzaldehyde	7.19	77	164	0.087	ng	# 2
10) Phenol	7.56	94	314	0.106	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	242	0.102	ng	# 1
15) Benzyl Alcohol	8.37	79	2240	1.017	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	8.39	45	69	0.015	ng	# 73
19) n-Nitroso-di-n-propylamine	9.22	70	19761	10.075	ng	# 77
24) Nitrobenzene	9.23	77	287	0.115	ng	# 38
25) Isophorone	9.39	82	389	0.079	ng	# 67
35) Caprolactam	12.25	113	73	0.090	ng	# 1
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	61	0.025	ng	# 25
43) 2,4,6-Trichlorophenol	12.98	196	65	0.041	ng	# 11
44) 2,4,5-Trichlorophenol	12.98	196	65	0.037	ng	# 18
46) 1,1'-Biphenyl	13.51	154	461	0.075	ng	# 85
48) 2-Nitroaniline	13.29	65	495	0.309	ng	# 1
51) 2,6-Dinitrotoluene	14.67	165	10258	7.461	ng	# 24
52) Acenaphthene	14.68	154	241	0.052	ng	# 3
57) 2,4-Dinitrotoluene	14.67	165	10258	5.370	ng	# 24
58) Fluorene	16.17	166	4632	0.796	ng	# 87
63) Azobenzene	16.17	77	480	0.081	ng	# 36
65) 4,6-Dinitro-2-methylphenol	16.16	198	129	0.105	ng	# 10
66) n-Nitrosodiphenylamine	16.17	169	3449	0.542	ng	# 49
67) 4-Bromophenyl-phenylether	16.22	248	387	0.158	ng	# 1
73) Carbazole	17.52	167	54	0.005	ng	# 59
74) Di-n-butylphthalate	18.36	149	77	0.006	ng	# 77
77) Benzidine	20.01	184	10976	1.306	ng	# 90
78) Pyrene	20.01	202	2598	0.170	ng	# 69
80) Butylbenzylphthalate	20.71	149	54	0.008	ng	# 23
81) Benzo(a)anthracene	21.69	228	718	0.050	ng	# 51
83) Chrysene	21.73	228	66	0.005	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.54	149	129	0.014	ng	# 50
85) Di-n-octyl phthalate	22.74	149	281	0.018	ng	# 74

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040470.D
Acq On : 12 Apr 2019 20:51
Operator : JU/SJ
Sample : PB118855TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 12 22:43:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

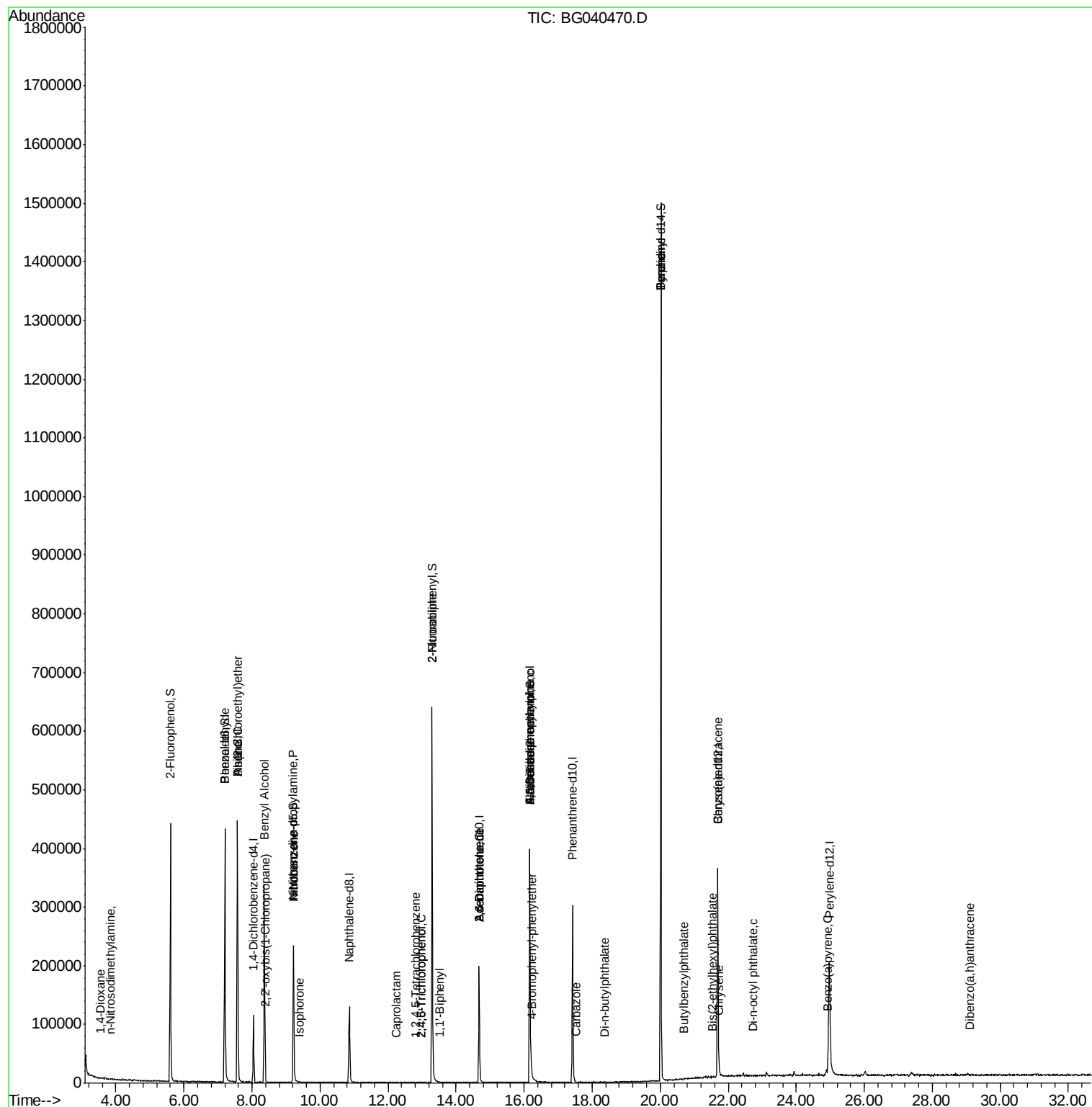
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	24.93	252	61	0.004	ng	# 59
91) Dibenzo(a,h)anthracene	29.09	278	81	0.006	ng	# 57

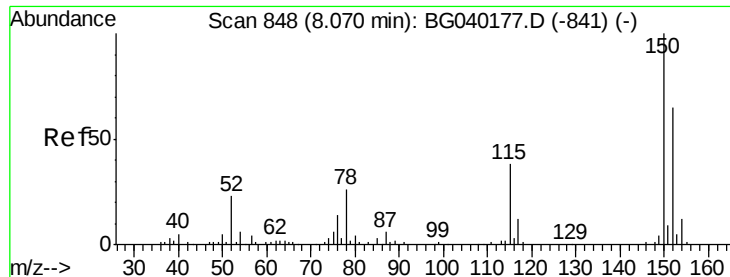
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040470.D
Acq On : 12 Apr 2019 20:51
Operator : JU/SJ
Sample : PB118855TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 12 22:43:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



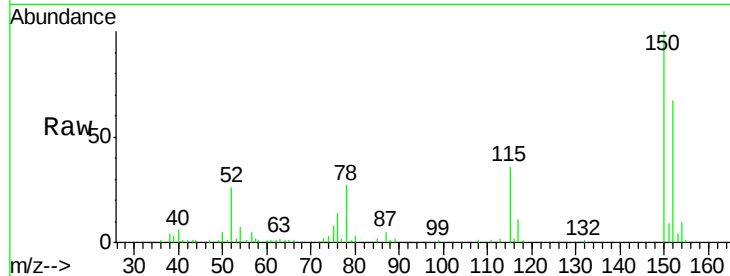


#1

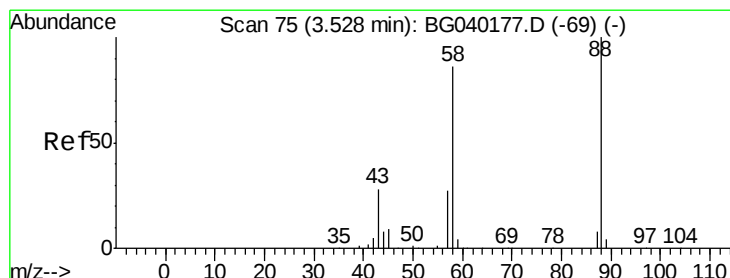
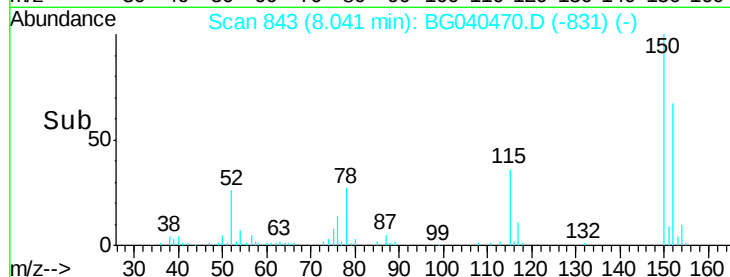
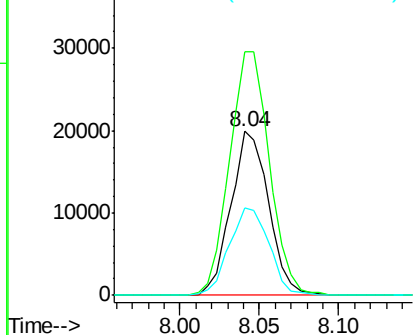
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32908
Ion Ratio Lower Upper
152 100
150 148.6 123.7 185.5
115 53.1 46.9 70.3



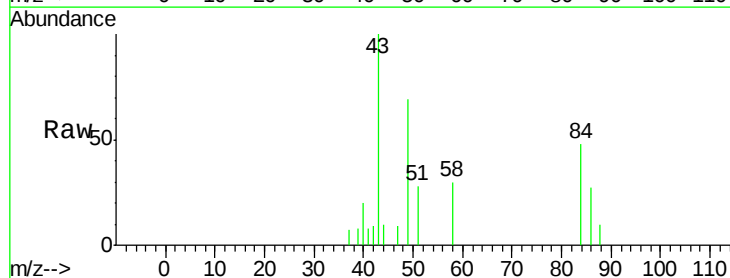
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



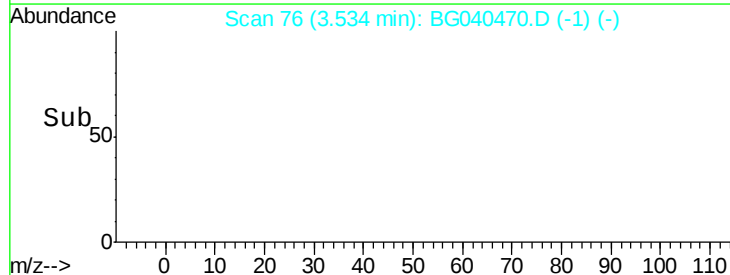
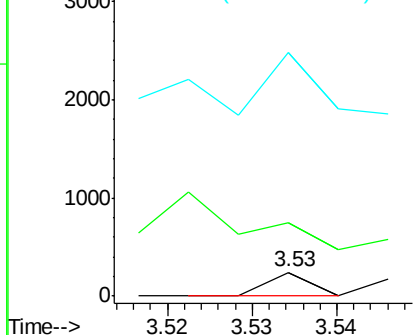
#2

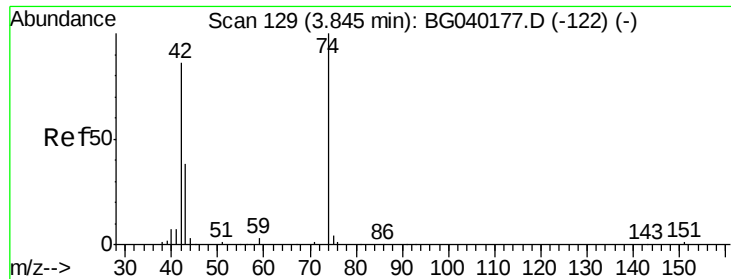
1,4-Dioxane
Concen: 0.090 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Tgt Ion: 88 Resp: 84
Ion Ratio Lower Upper
88 100
58 720.2 70.6 106.0#
43 0.0 24.8 37.2#



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: 0.336 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

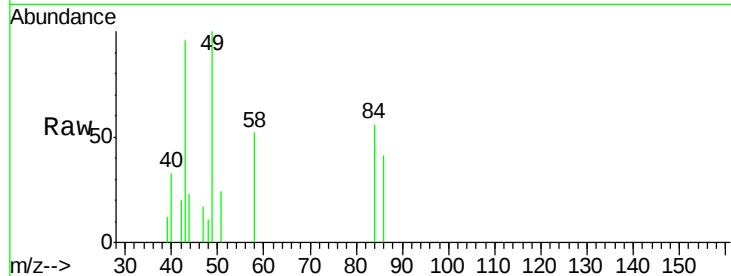
Tot Ion: 42 Resp: 390

Ion Ratio Lower Upper

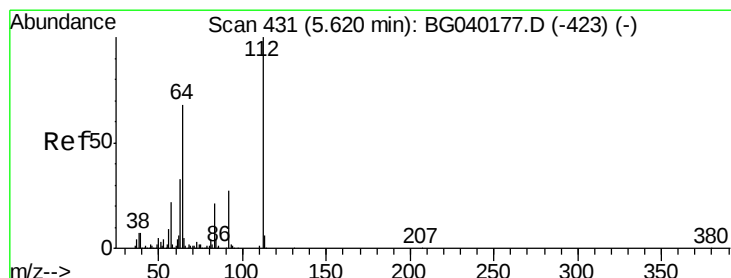
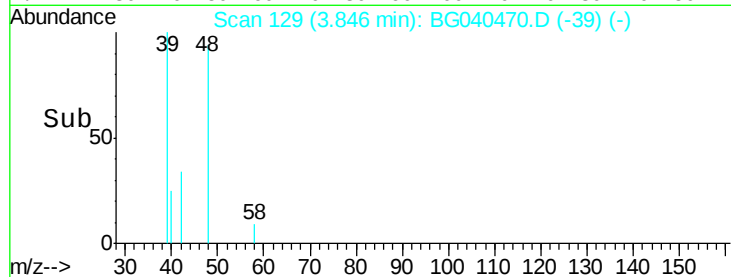
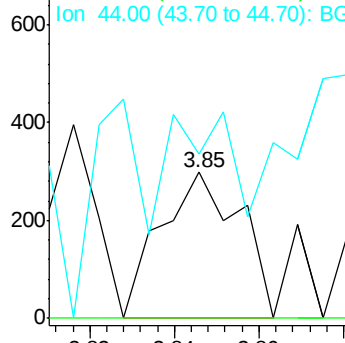
42 100

74 0.0 92.9 139.3#

44 112.8 9.7 14.5#



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: 102.060 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

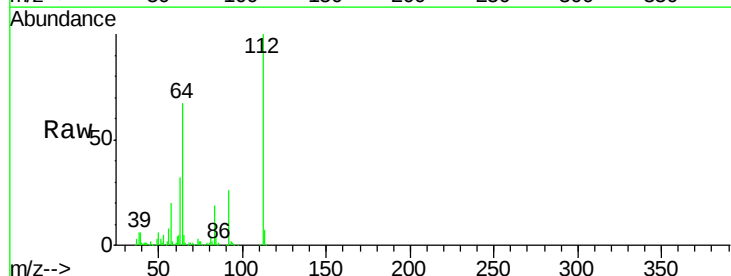
Tgt Ion: 112 Resp: 202031

Ion Ratio Lower Upper

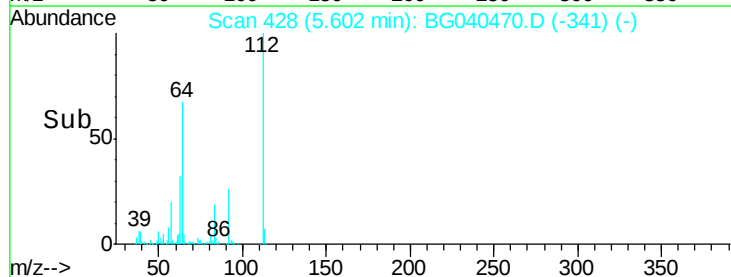
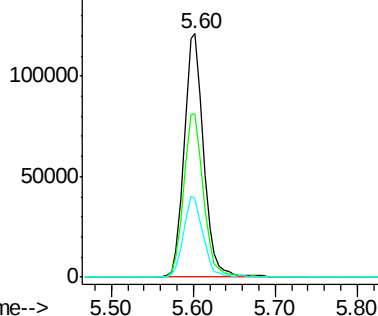
112 100

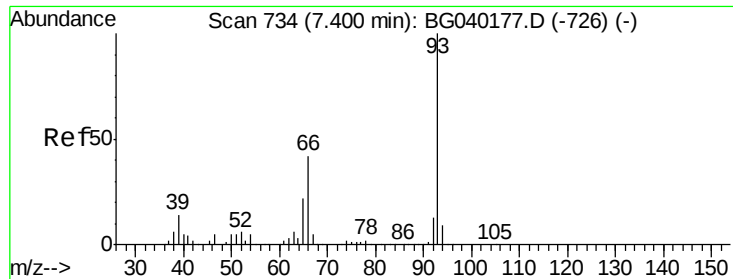
64 66.7 54.2 81.2

63 32.1 26.4 39.6



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: 0.068 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.18 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampled :

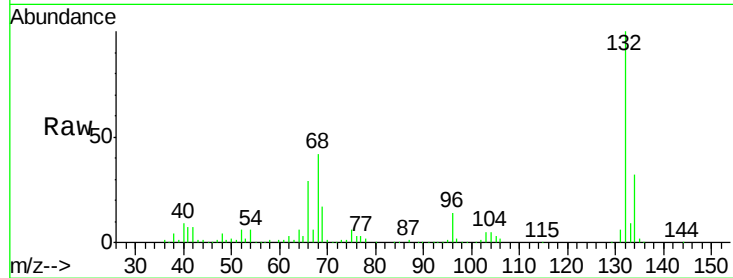
Tot Ion: 93 Resp: 242

Ion Ratio Lower Upper

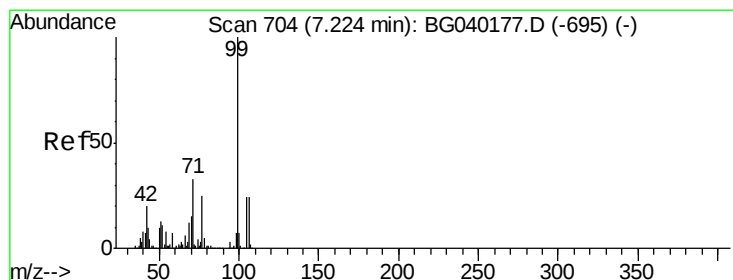
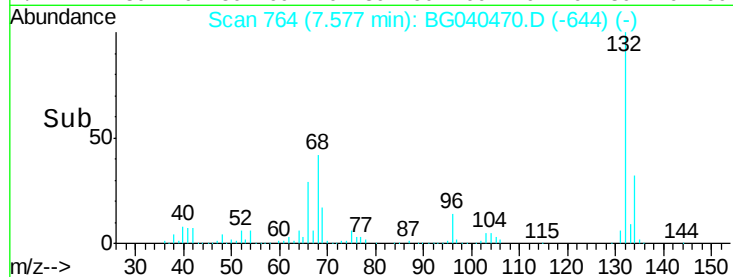
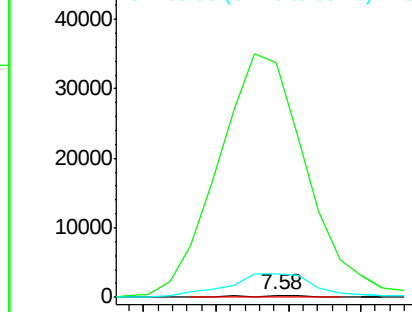
93 100

66 10959.2 33.6 50.4#

65 1114.2 17.4 26.2#



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: 99.889 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

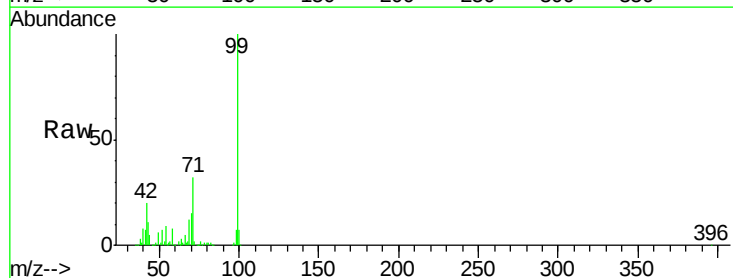
Tgt Ion: 99 Resp: 273270

Ion Ratio Lower Upper

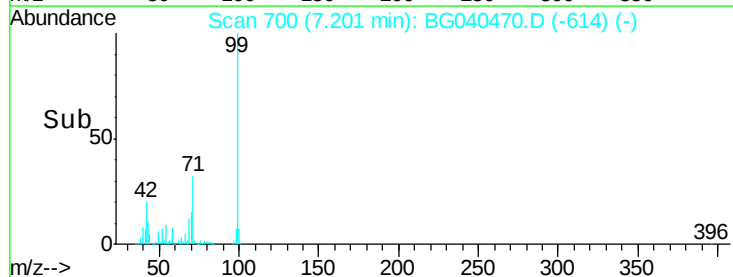
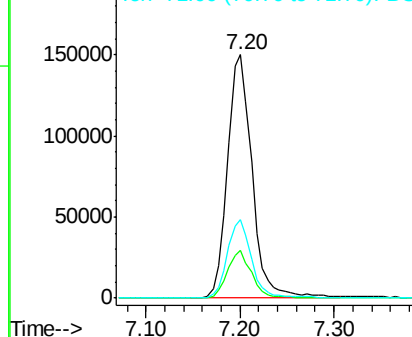
99 100

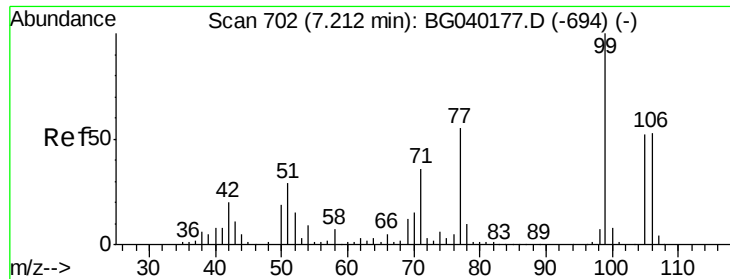
42 19.7 16.2 24.2

71 32.1 26.8 40.2



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

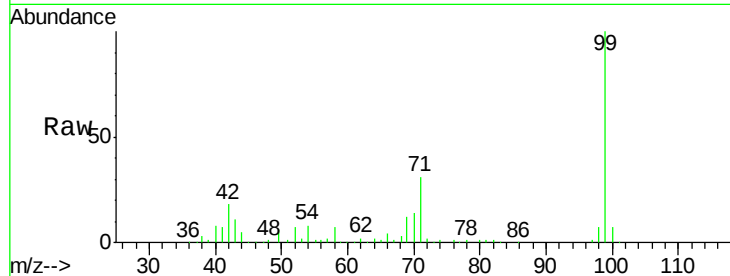




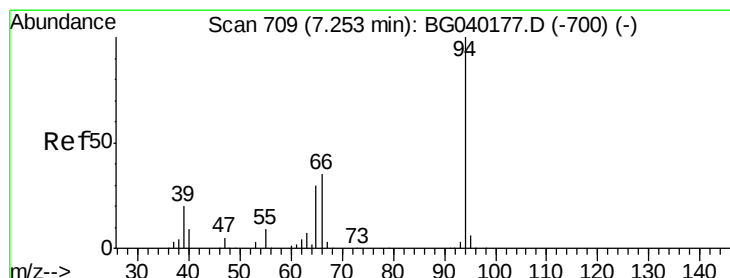
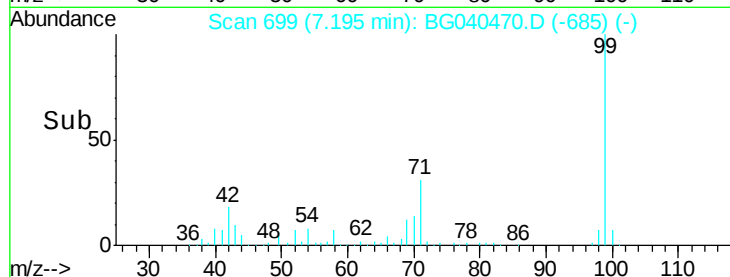
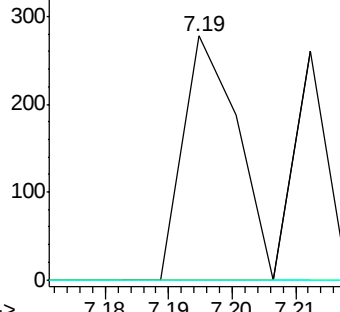
#9
Benzaldehydve
Concen: 0.087 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.02 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 164
Ion Ratio Lower Upper
77 100
105 0.0 75.0 115.0#
106 0.0 75.7 115.7#

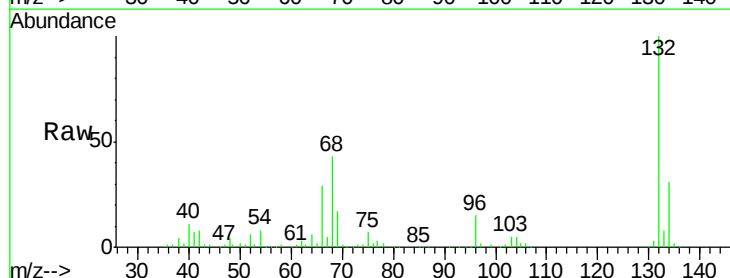


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

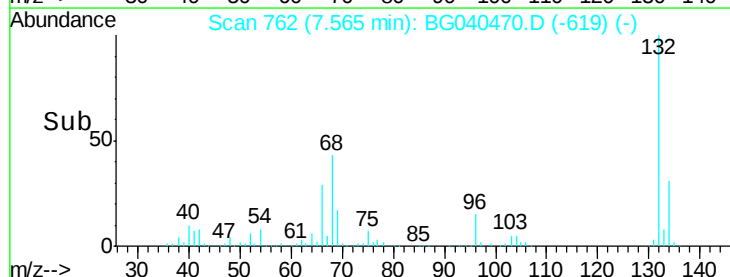
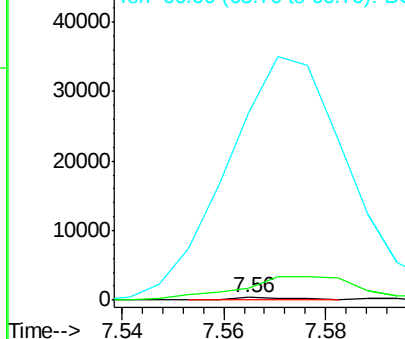


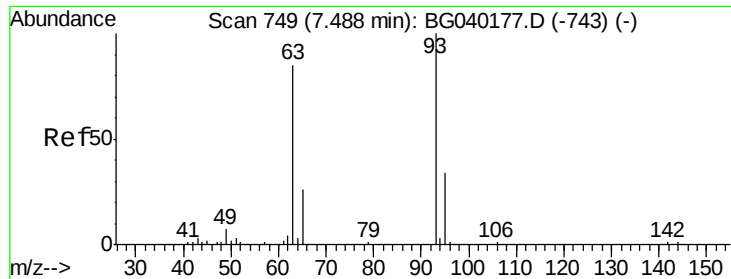
#10
Phenol
Concen: 0.106 ng
RT: 7.56 min Scan# 762
Delta R.T. 0.31 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Tgt Ion: 94 Resp: 314
Ion Ratio Lower Upper
94 100
65 499.7 10.5 50.5#
66 7440.9 16.9 56.9#



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

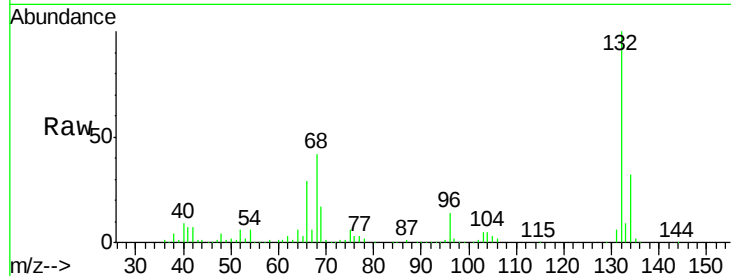




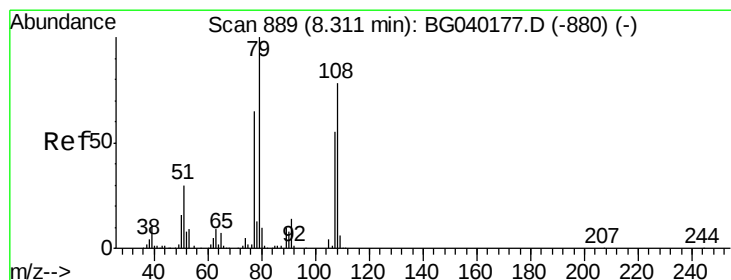
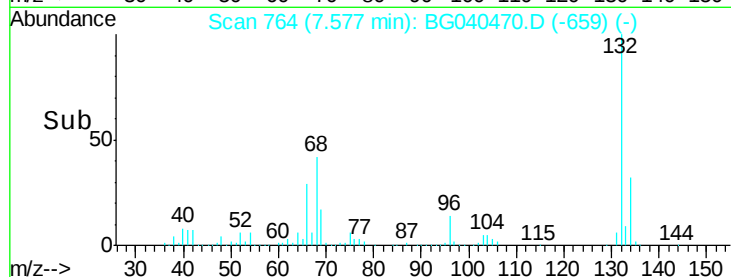
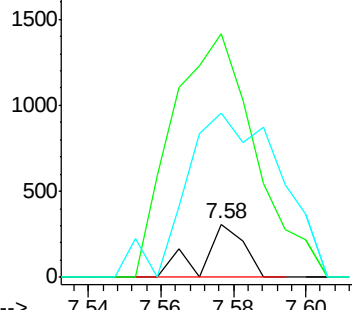
#11
bis(2-Chloroethyl)ether
Concen: 0.102 ng
RT: 7.58 min Scan# 764
Delta R.T. 0.09 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 242
Ion Ratio Lower Upper
93 100
63 457.9 64.2 104.2#
95 308.4 14.0 54.0#

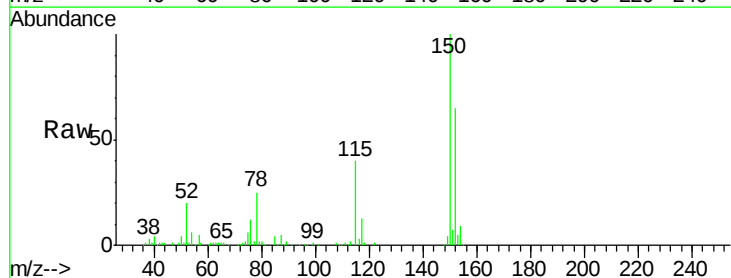


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

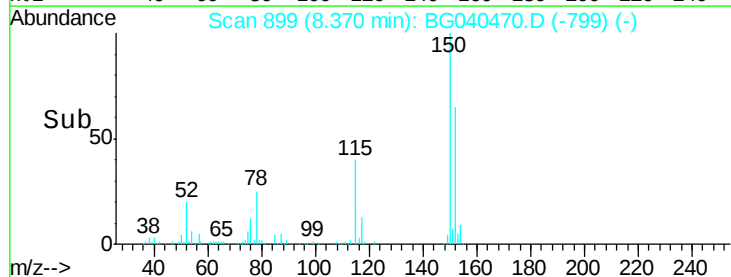
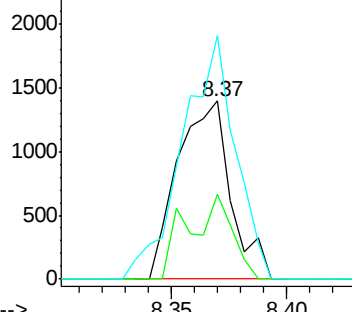


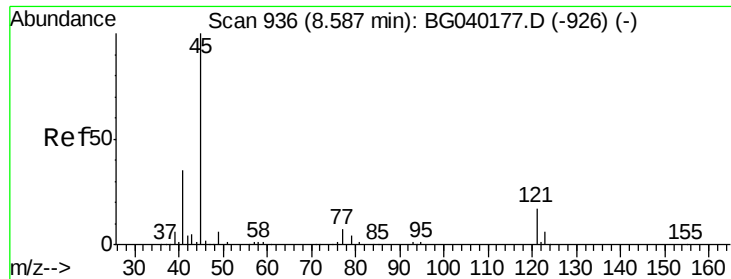
#15
Benzyl Alcohol
Concen: 1.017 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.06 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Tgt Ion: 79 Resp: 2240
Ion Ratio Lower Upper
79 100
108 47.9 62.1 93.1#
77 136.6 51.9 77.9#



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

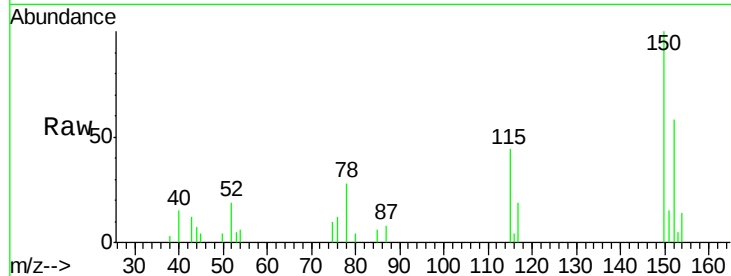




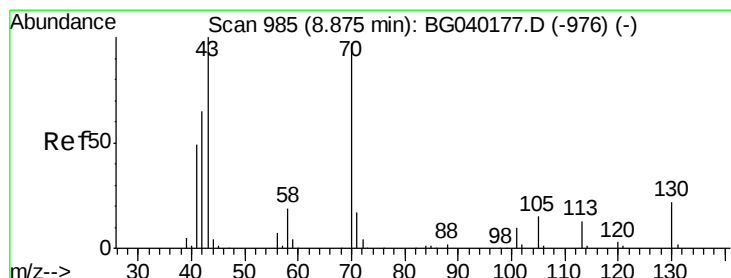
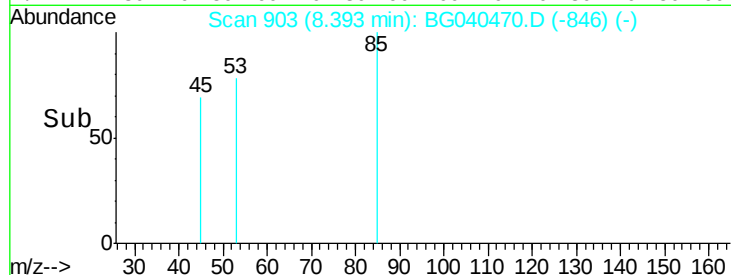
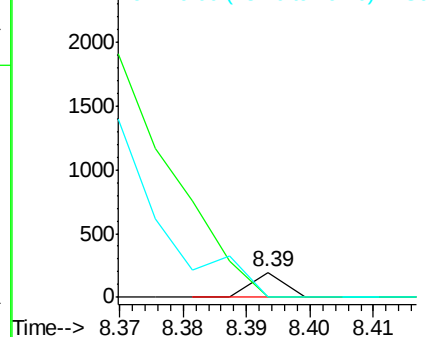
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.015 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.19 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Instrument :
BNA_G
ClientSampled :

Tot Ion: 45 Resp: 69
Ion Ratio Lower Upper
45 100
77 0.0 0.0 31.4
79 0.0 0.0 28.3

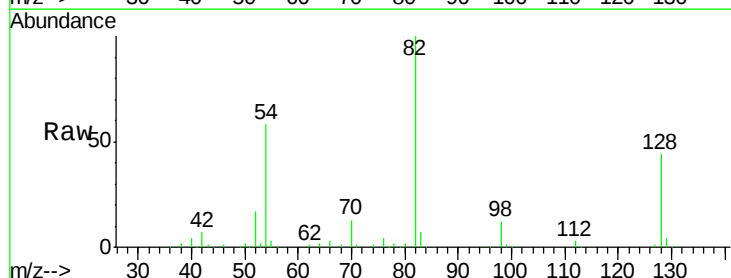


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

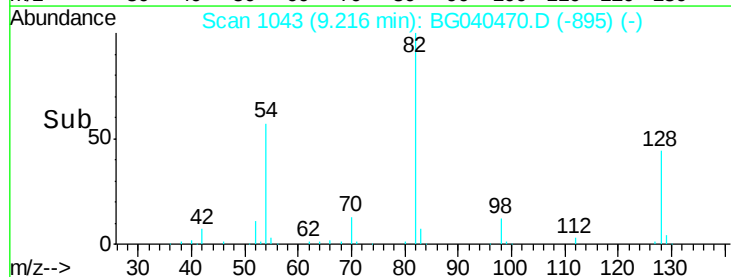
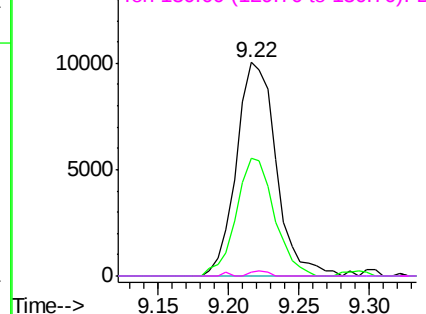


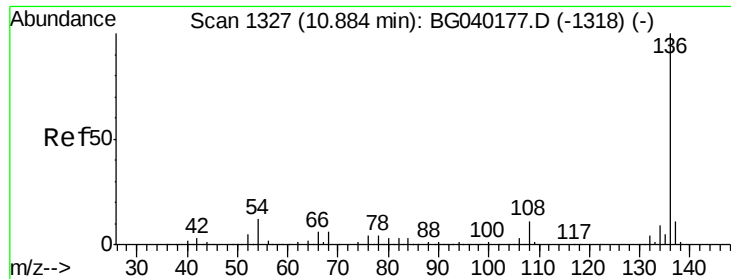
#19
n-Nitroso-di-n-propylamine
Concen: 10.075 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Tgt Ion: 70 Resp: 19761
Ion Ratio Lower Upper
70 100
42 54.9 54.0 81.0
101 0.0 8.6 13.0#
130 1.7 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

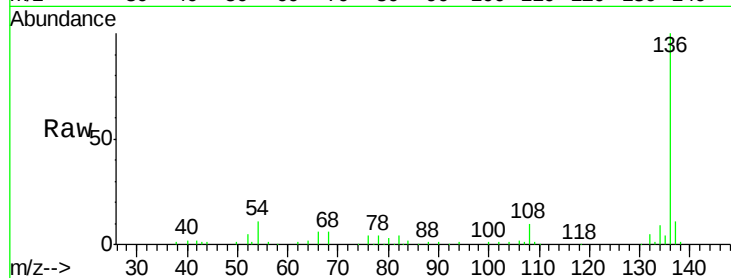




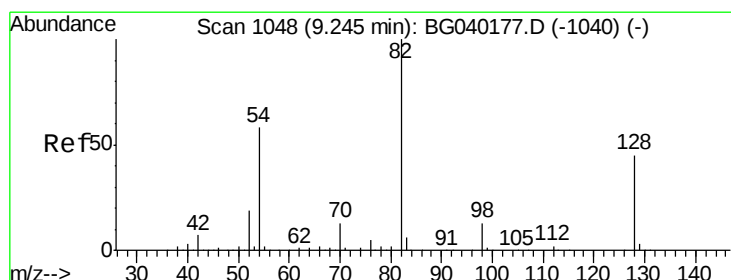
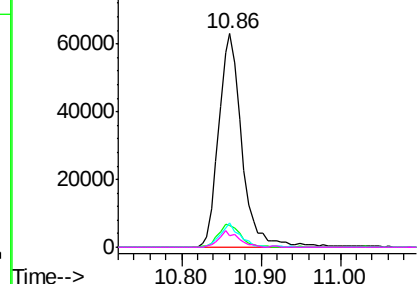
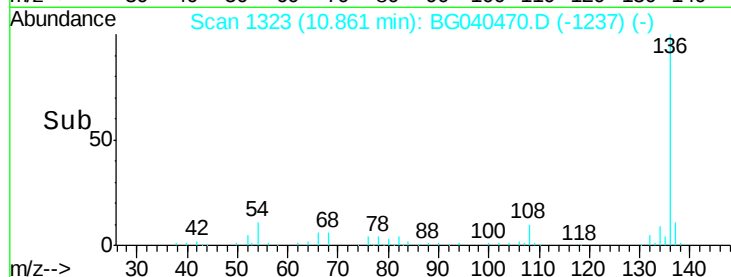
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	127830
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.9 13.3
54	11.4	9.6 14.4
68	5.7	5.1 7.7

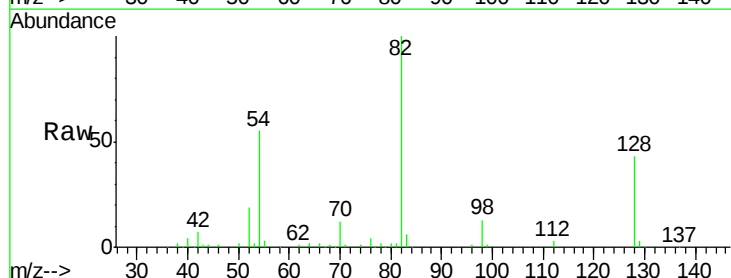


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

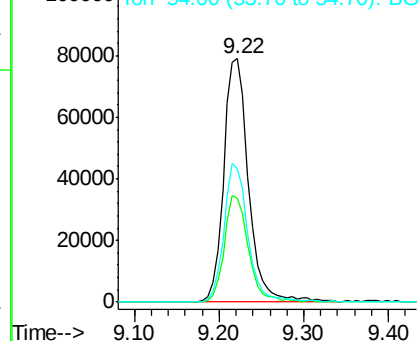
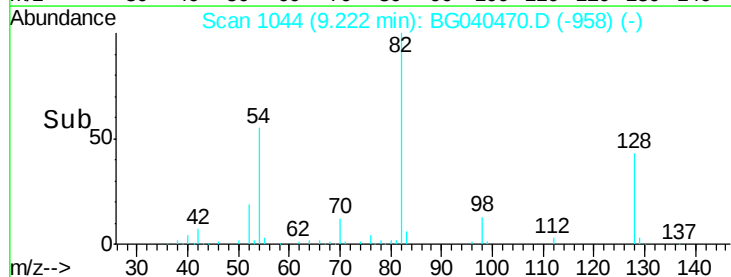


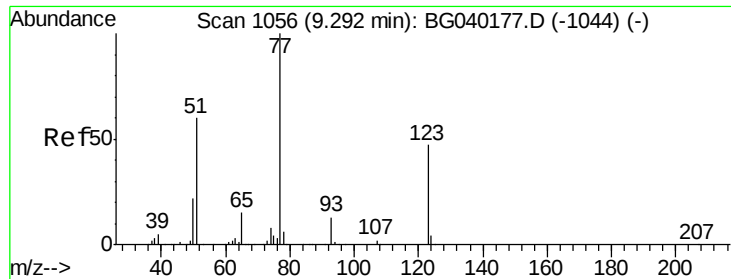
#23
Nitrobenzene-d5
Concen: 66.762 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Tgt Ion: 82	Resp:	160558
Ion	Ratio	Lower Upper
82	100	
128	42.8	35.8 53.8
54	55.1	46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

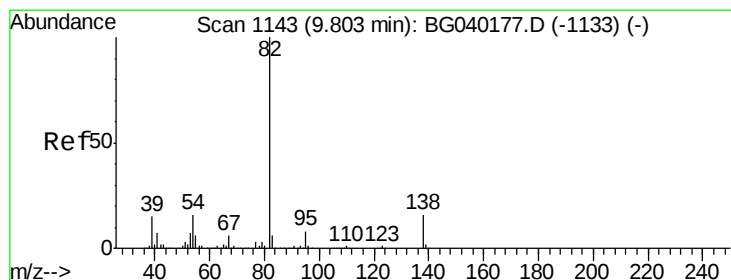
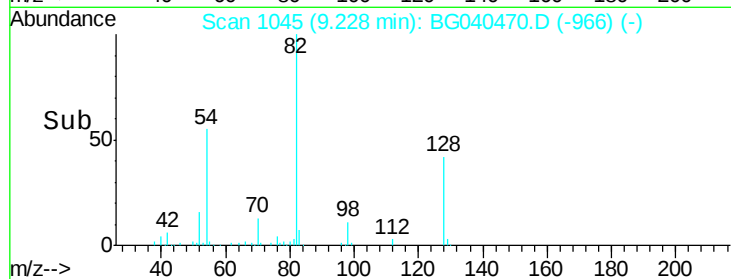
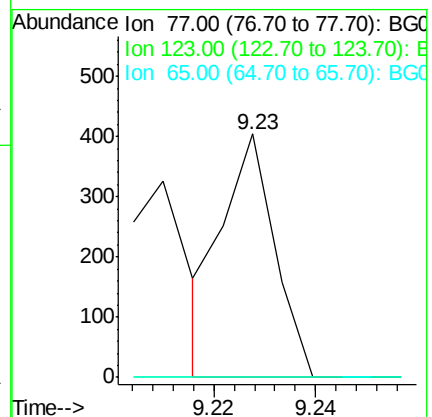
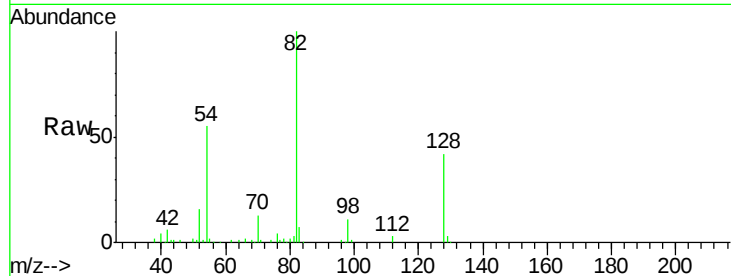




#24
 Nitrobenzene
 Concen: 0.115 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.06 min
 Lab File: BG040470.D
 Acq: 12 Apr 2019 20:51

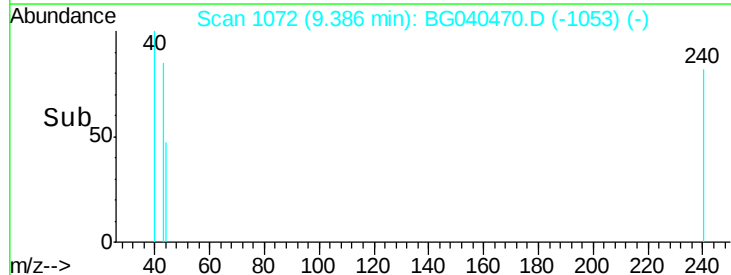
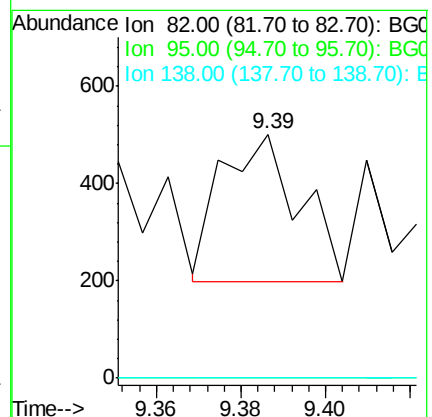
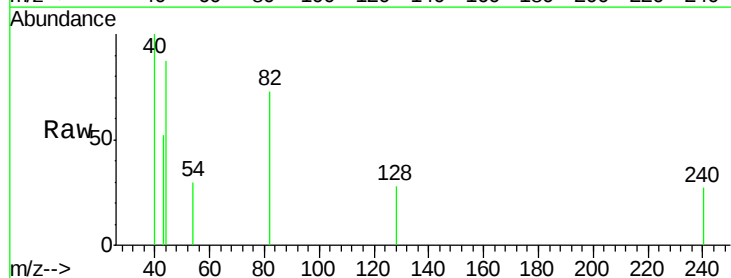
Instrument :
 BNA_G
 ClientSampleId :

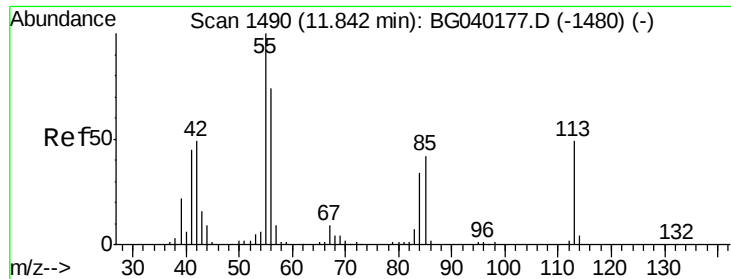
Tot Ion: 77 Resp: 287
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.8 56.6#
 65 0.0 12.0 18.0#



#25
 Isophorone
 Concen: 0.079 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. -0.42 min
 Lab File: BG040470.D
 Acq: 12 Apr 2019 20:51

Tgt Ion: 82 Resp: 389
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.1 9.1#
 138 0.0 13.2 19.8#





#35

Caprolactam

Concen: 0.090 ng

RT: 12.25 min Scan# 1559

Delta R.T. 0.41 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampled :

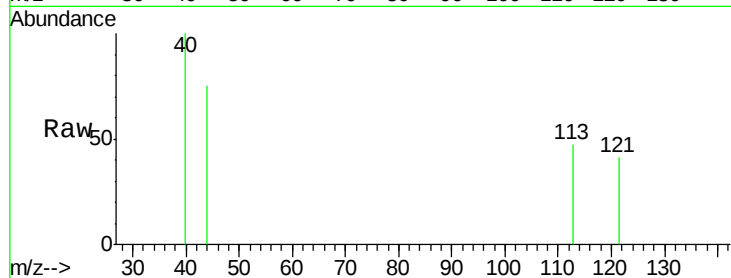
Tot Ion:113 Resp: 73

Ion Ratio Lower Upper

113 100

55 0.0 184.2 224.2#

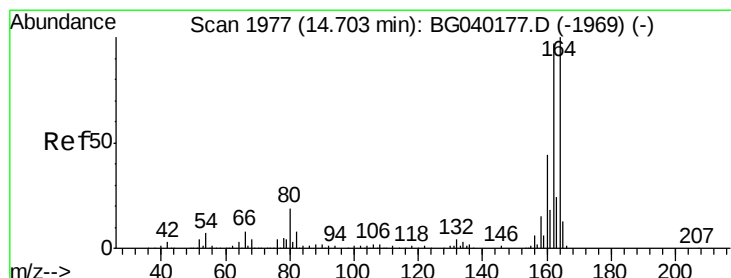
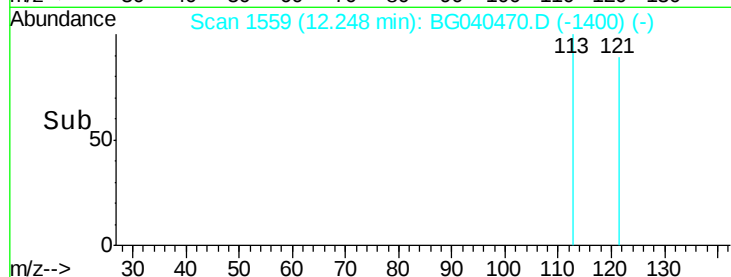
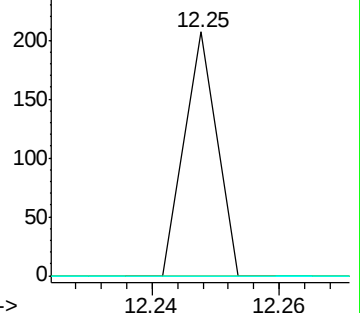
56 0.0 131.3 171.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

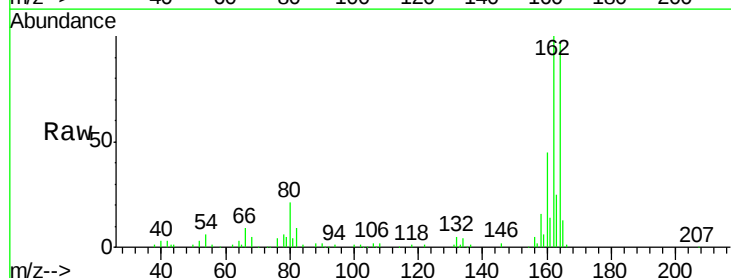
Tgt Ion:164 Resp: 78237

Ion Ratio Lower Upper

164 100

162 103.4 77.4 116.2

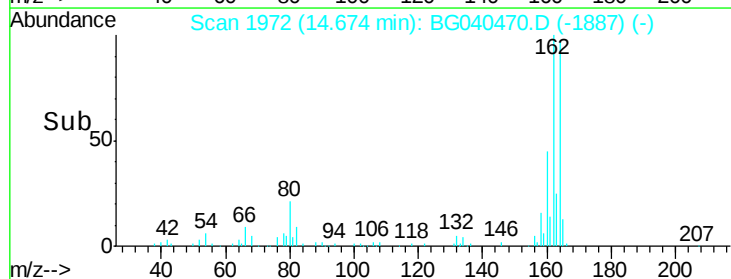
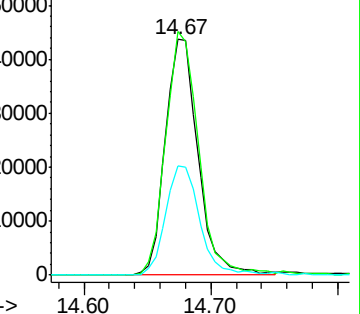
160 46.1 35.3 52.9

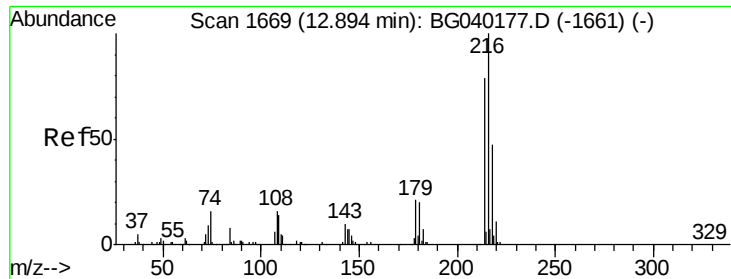


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

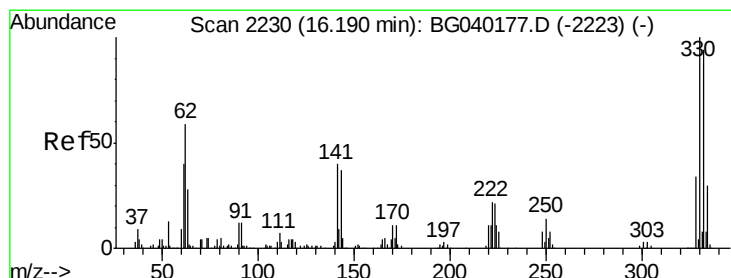
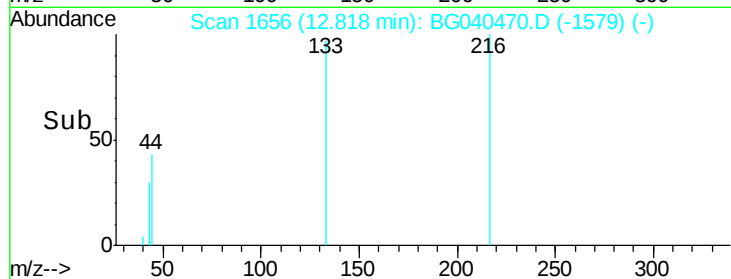
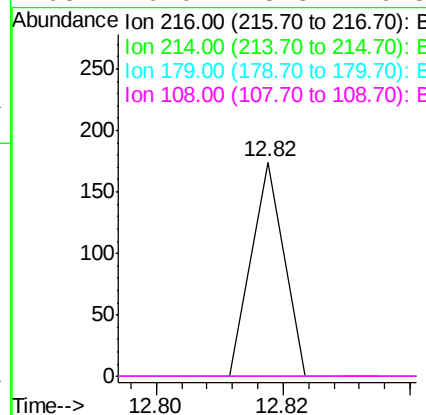
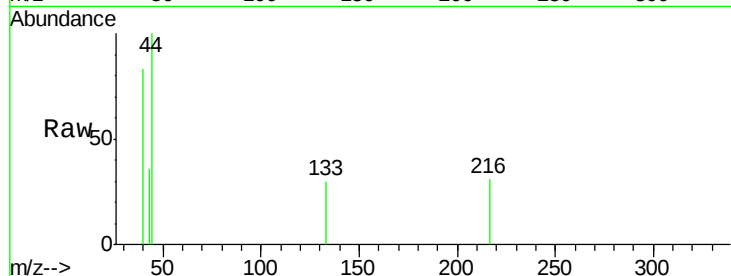




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.025 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.08 min
 Lab File: BG040470.D
 Acq: 12 Apr 2019 20:51

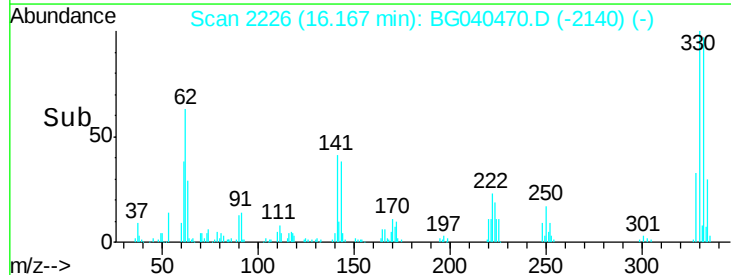
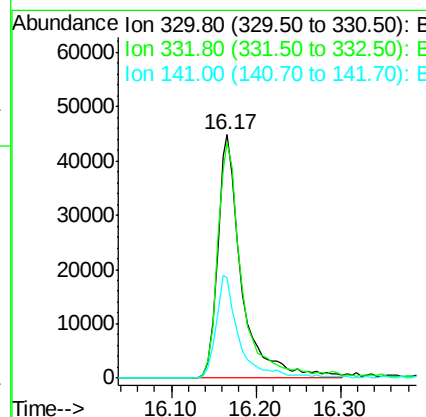
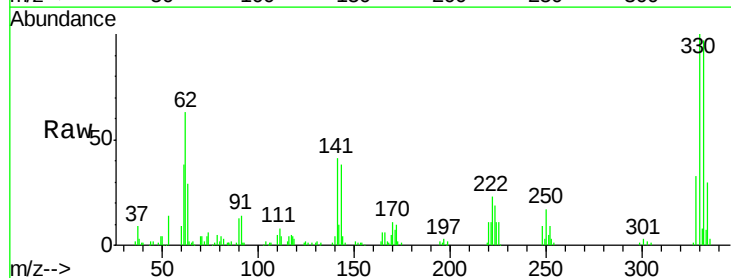
Instrument :
 BNA_G
 ClientSampled :

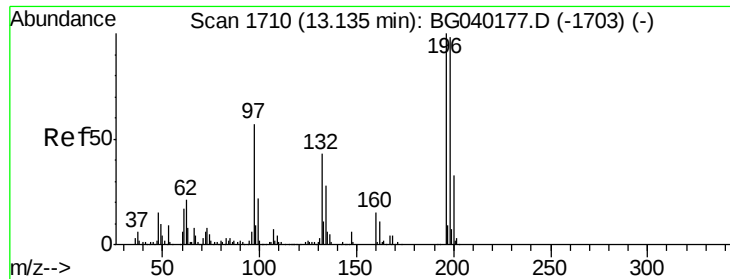
Tot Ion:	216	Resp:	61
Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.5	95.3#
179	0.0	16.6	25.0#
108	0.0	13.8	20.8#



#42
 2,4,6-Tribromophenol
 Concen: 105.923 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040470.D
 Acq: 12 Apr 2019 20:51

Tgt Ion:	330	Resp:	89562
Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	40.3	32.6	48.8

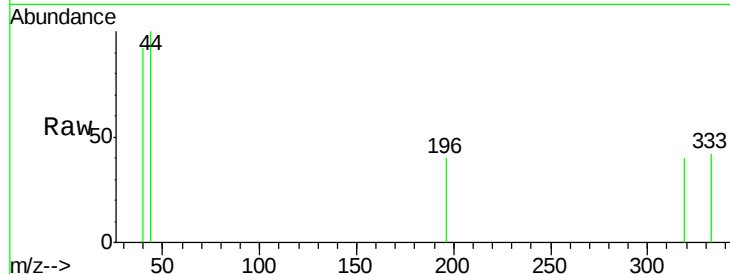




#43
 2,4,6-Trichlorophenol
 Concen: 0.041 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.15 min
 Lab File: BG040470.D
 Acq: 12 Apr 2019 20:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.3	117.5#
200	0.0	26.0	39.0#



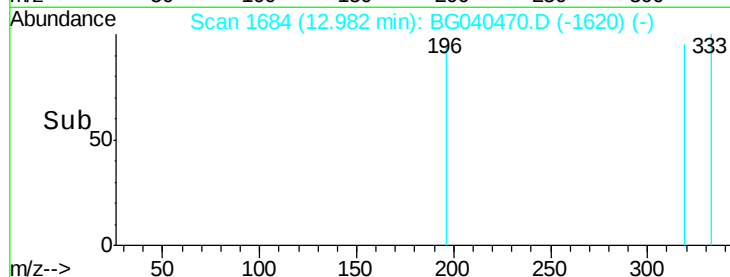
Abundance

Ion 196.00 (195.70 to 196.70): E

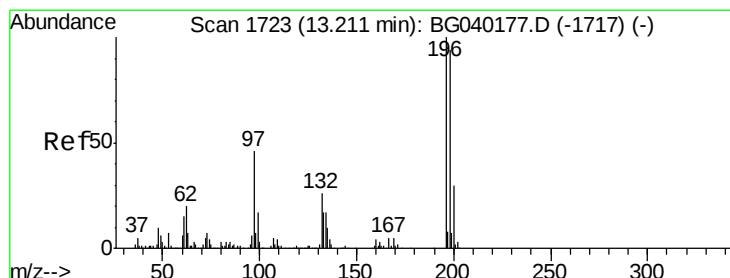
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

12.98

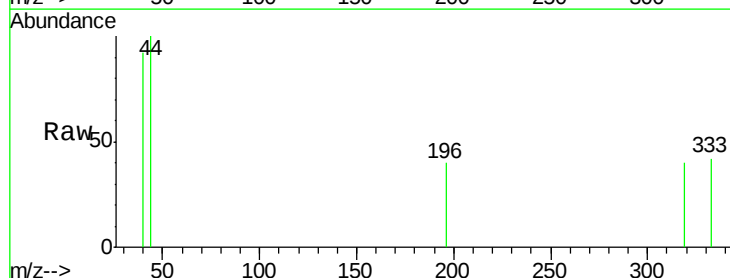


Time--> 12.96 12.98 13.00



#44
 2,4,5-Trichlorophenol
 Concen: 0.037 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.23 min
 Lab File: BG040470.D
 Acq: 12 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.0	112.6#
97	0.0	37.3	55.9#
132	0.0	20.9	31.3#



Abundance

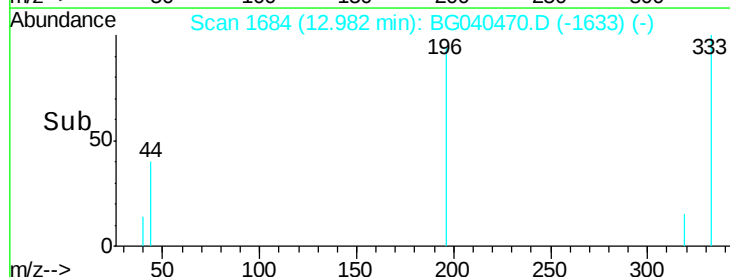
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

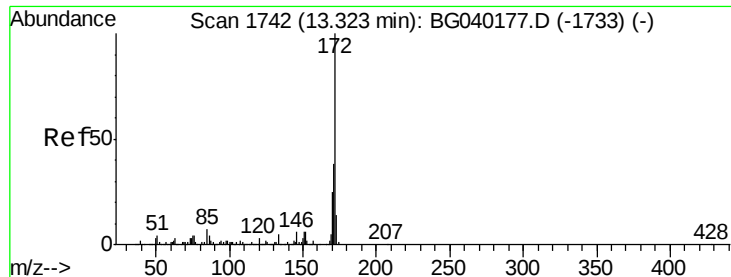
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

12.98



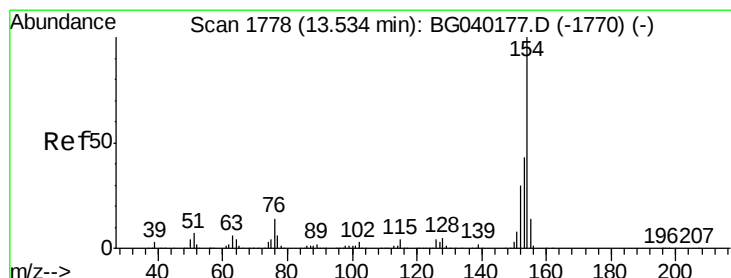
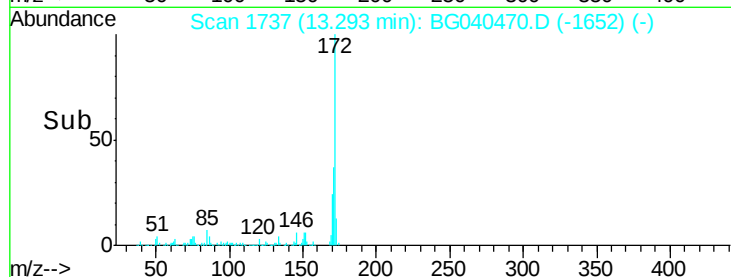
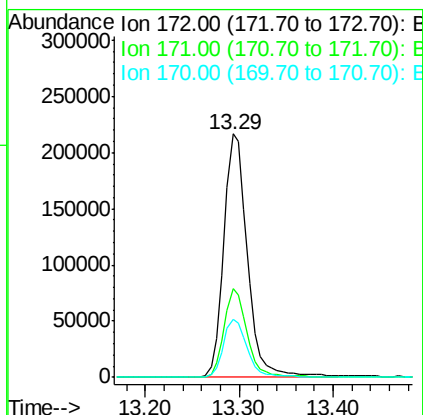
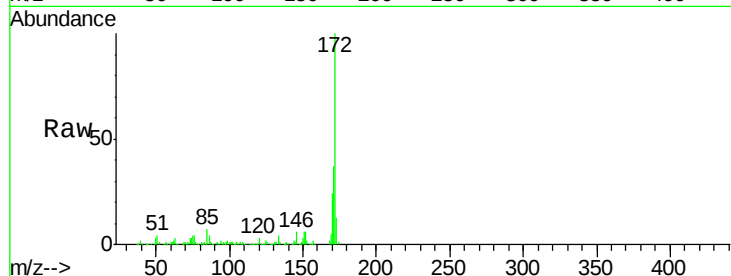
Time--> 12.96 12.98 13.00



#45
2-Fluorobiphenyl
Concen: 72.059 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

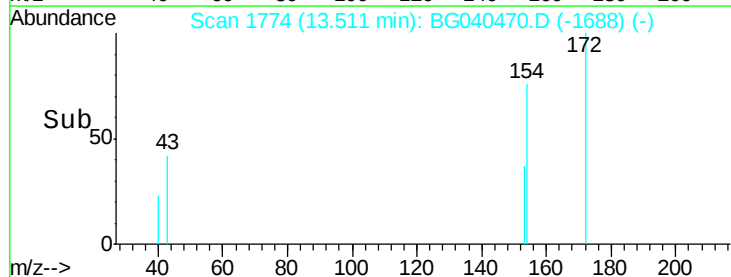
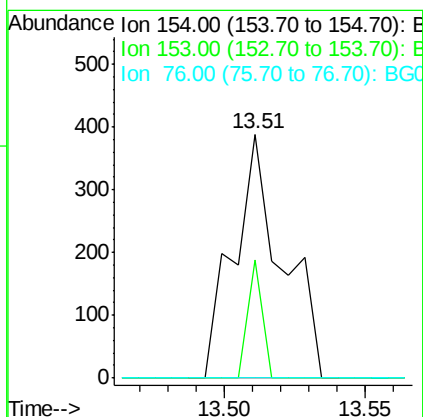
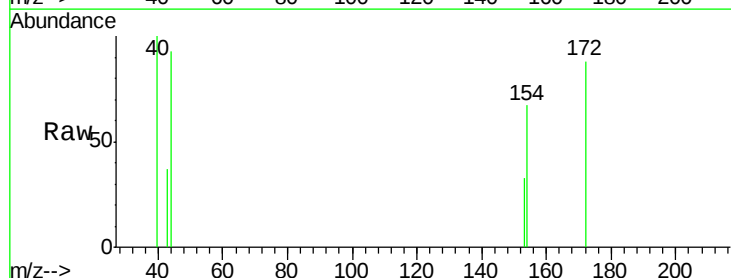
Instrument :
BNA_G
ClientSampleId :

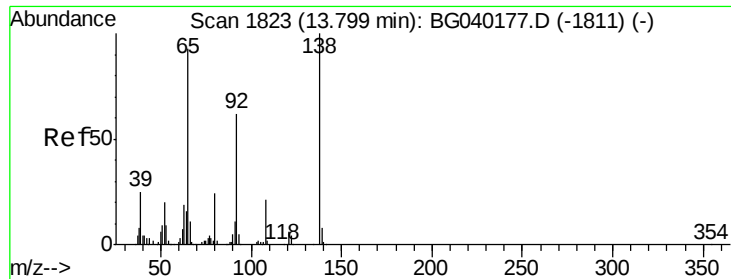
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.0	20.1	30.1



#46
1,1'-Biphenyl
Concen: 0.075 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	48.5	22.5	62.5
76	0.0	0.0	33.7





#48

2-Nitroaniline

Concen: 0.309 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.51 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

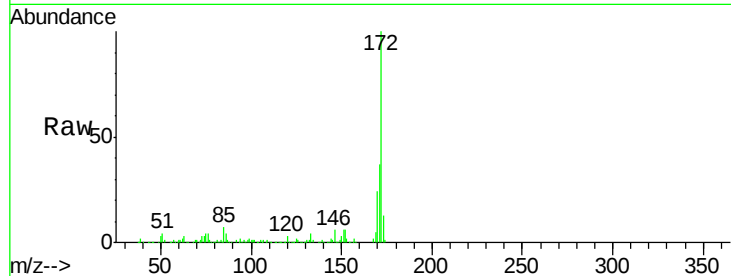
Tot Ion: 65 Resp: 495

Ion Ratio Lower Upper

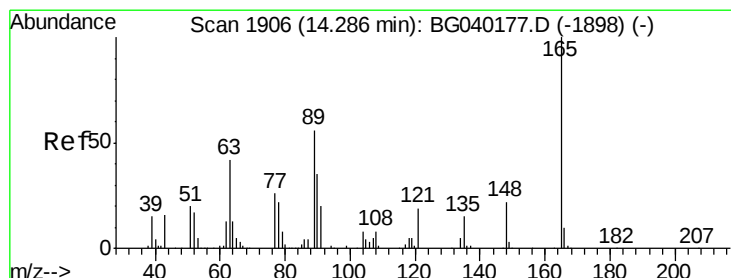
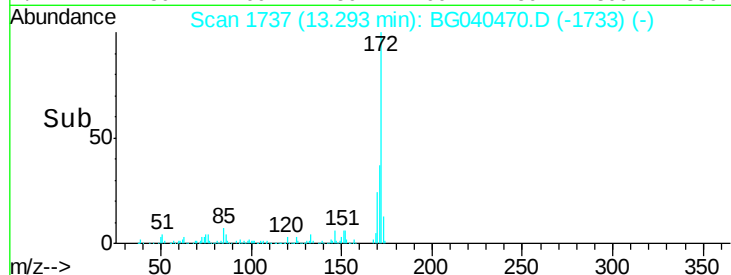
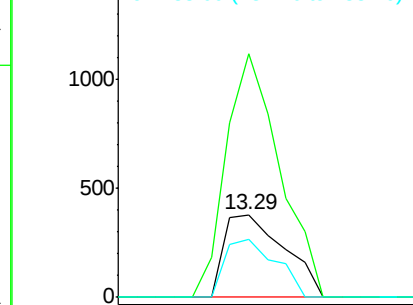
65 100

92 295.3 53.8 80.6#

138 70.2 86.3 129.5#



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



#51

2,6-Dinitrotoluene

Concen: 7.461 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.39 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

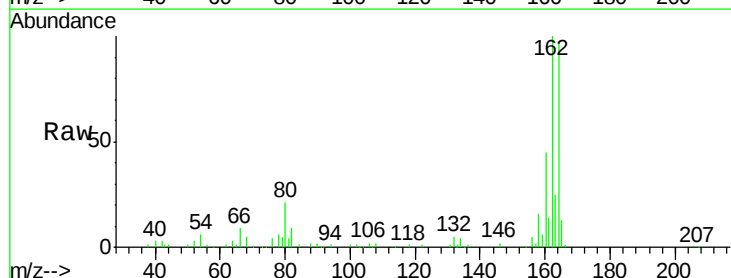
Tgt Ion: 165 Resp: 10258

Ion Ratio Lower Upper

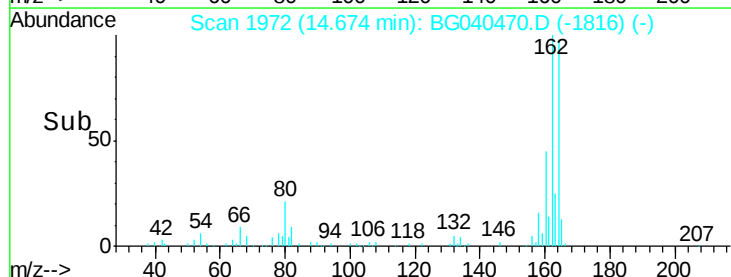
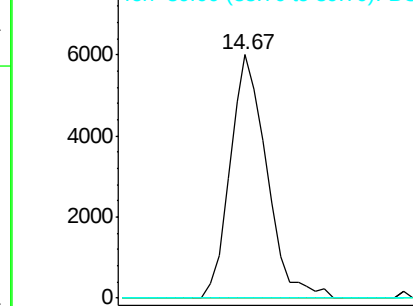
165 100

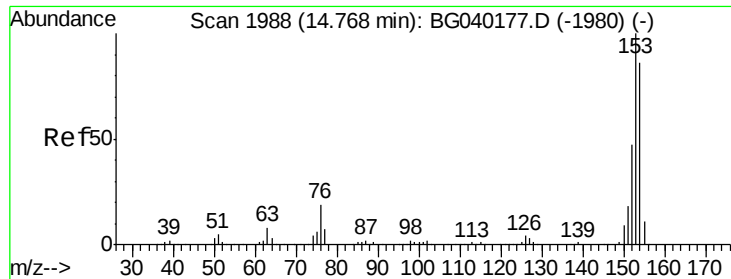
63 0.0 44.1 66.1#

89 0.0 44.9 67.3#



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





#52

Acenaphthene

Concen: 0.052 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.09 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

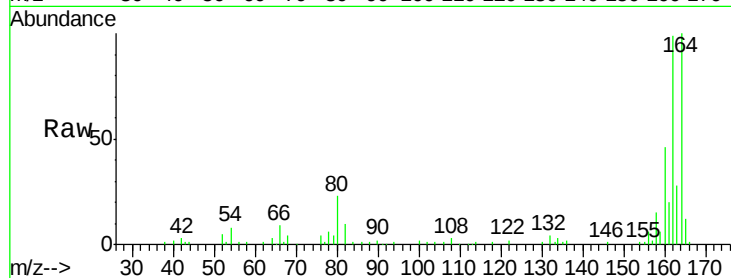
Tot Ion:154 Resp: 241

Ion Ratio Lower Upper

154 100

153 0.0 92.8 139.2#

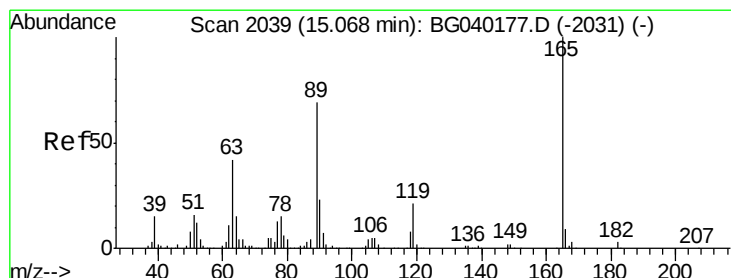
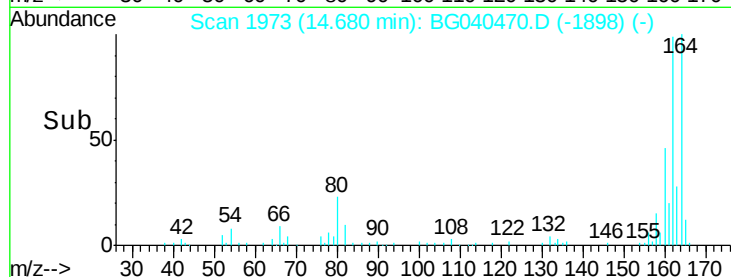
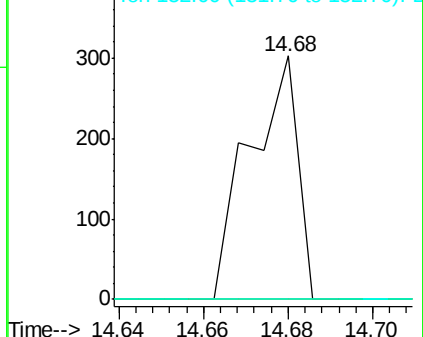
152 0.0 43.4 65.2#



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



#57

2,4-Dinitrotoluene

Concen: 5.370 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Tgt Ion:165 Resp: 10258

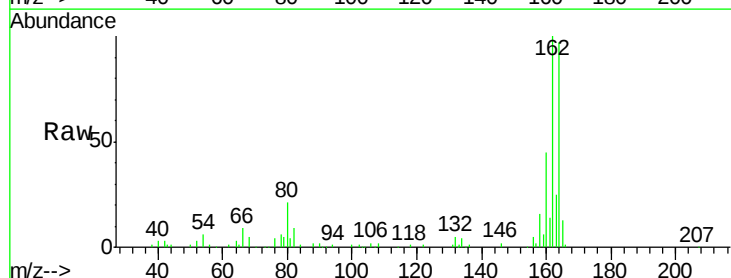
Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.6#

89 0.0 55.4 83.2#

182 0.0 2.2 3.4#

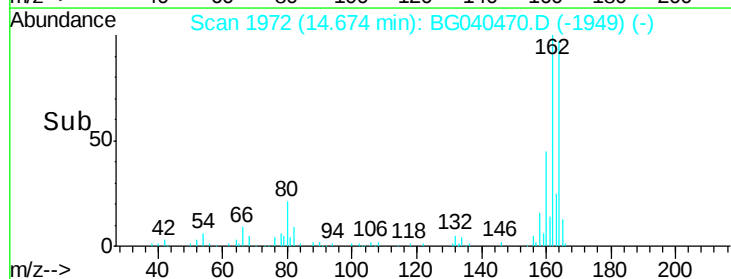
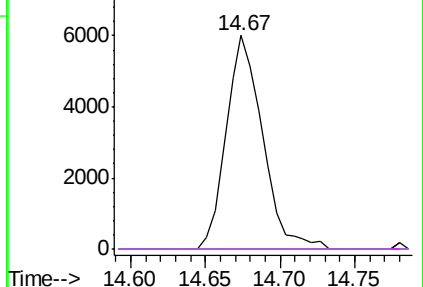


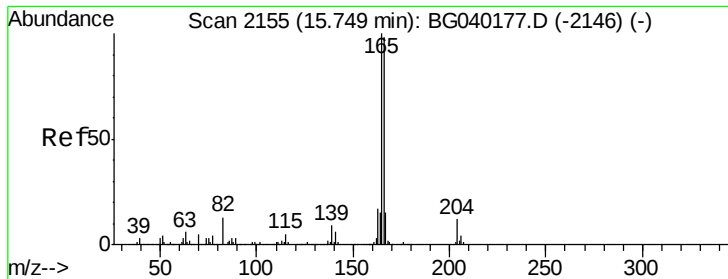
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.796 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.42 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

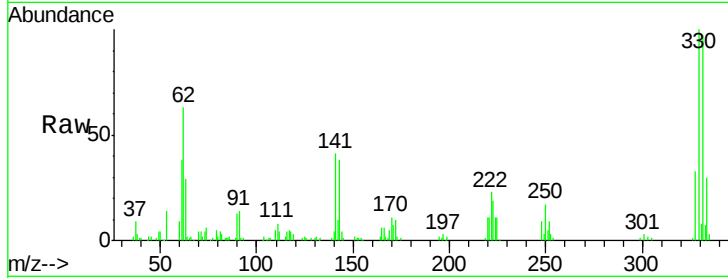
Tot Ion:166 Resp: 4632

Ion Ratio Lower Upper

166 100

165 92.0 81.7 122.5

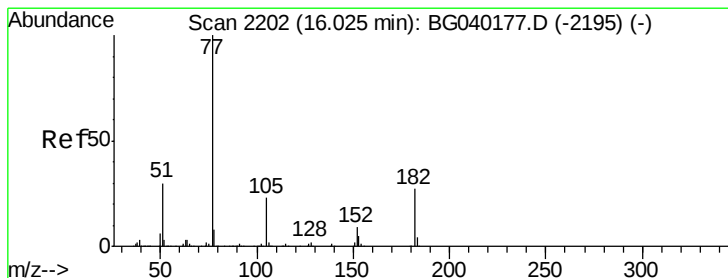
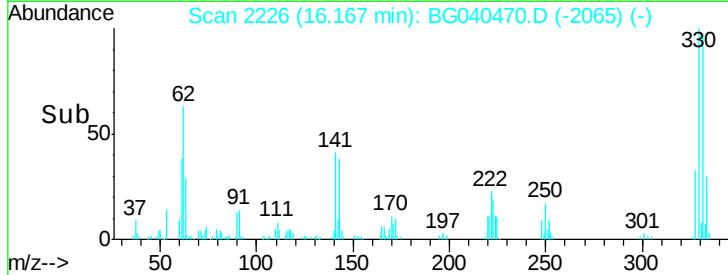
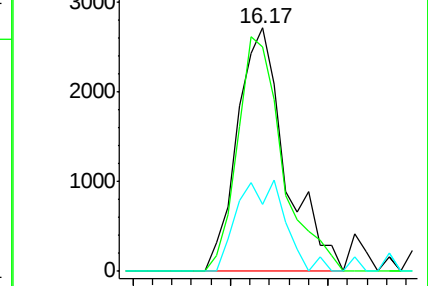
167 27.6 11.9 17.9#



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



#63

Azobenzene

Concen: 0.081 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.14 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Tgt Ion: 77 Resp: 480

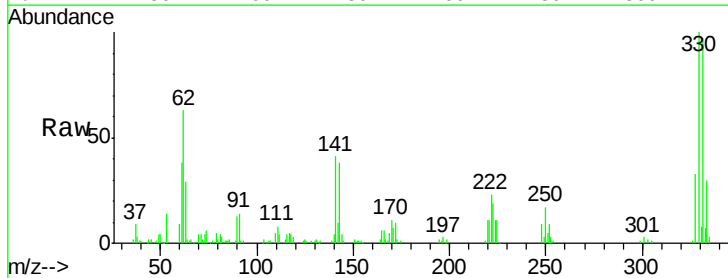
Ion Ratio Lower Upper

77 100

182 0.0 7.2 47.2#

105 54.9 2.8 42.8#

51 69.7 10.4 50.4#

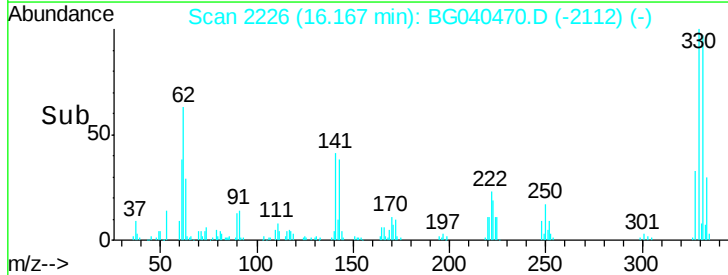
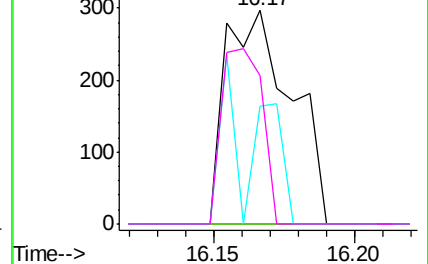


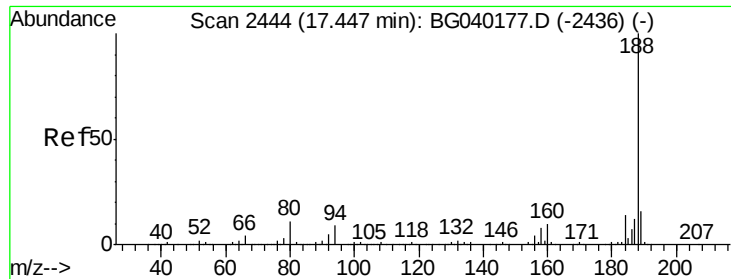
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

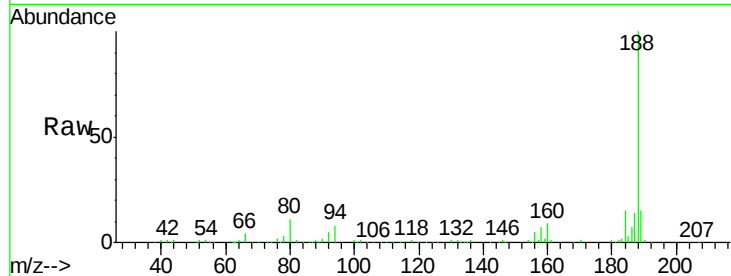
Tot Ion:188 Resp: 217650

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

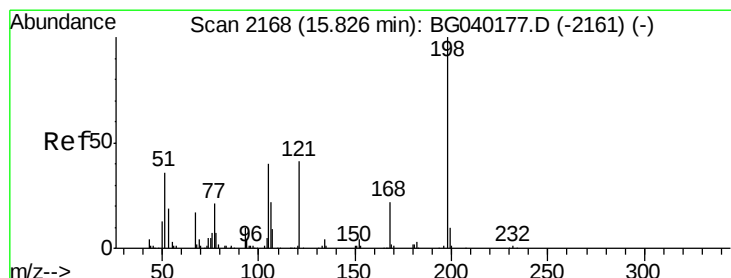
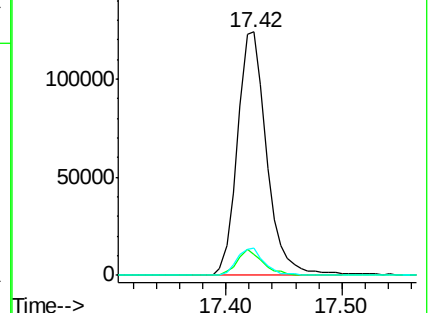
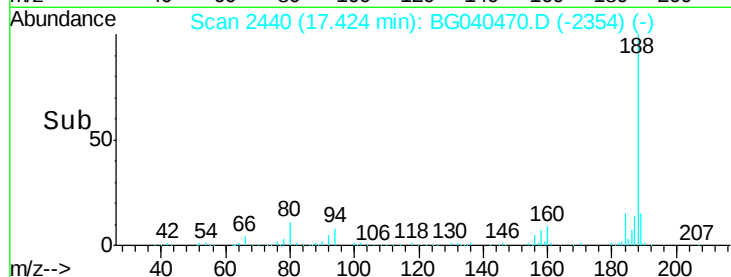
80 11.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.105 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.34 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

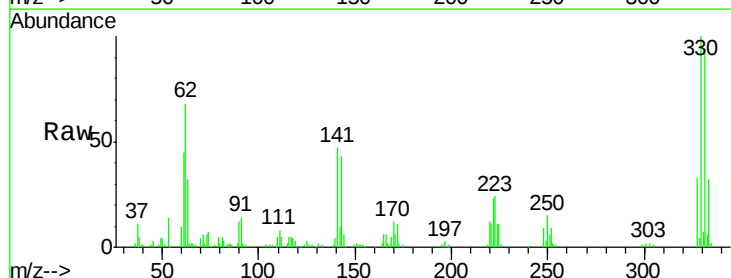
Tgt Ion:198 Resp: 129

Ion Ratio Lower Upper

198 100

51 121.4 27.3 67.3#

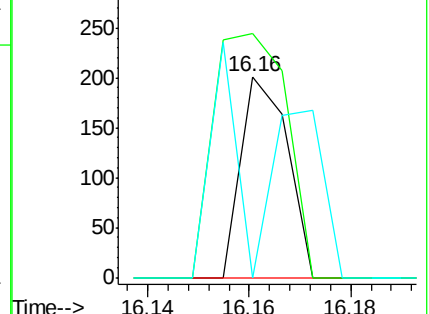
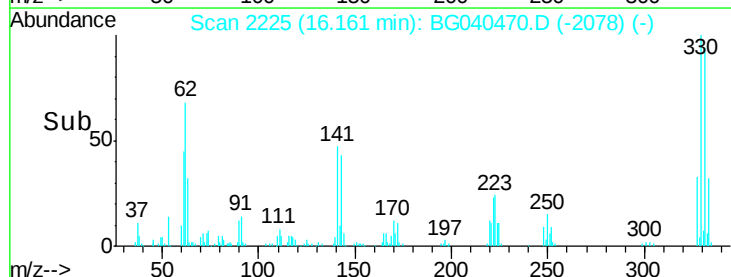
105 0.0 21.7 61.7#

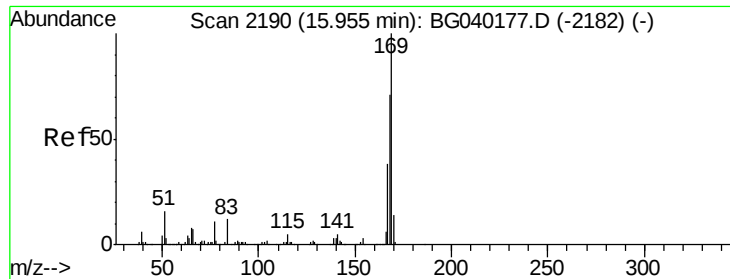


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

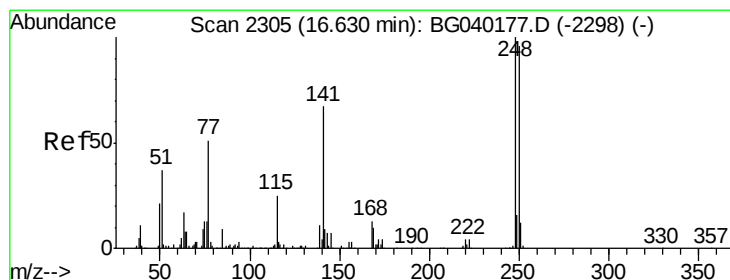
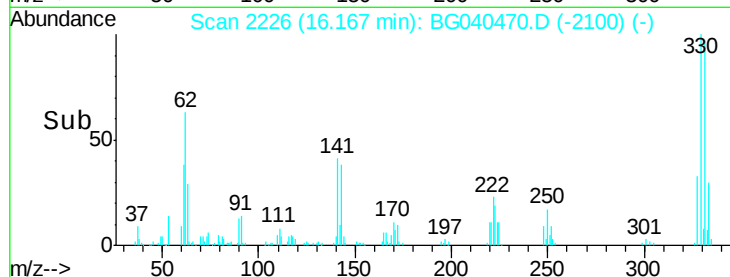
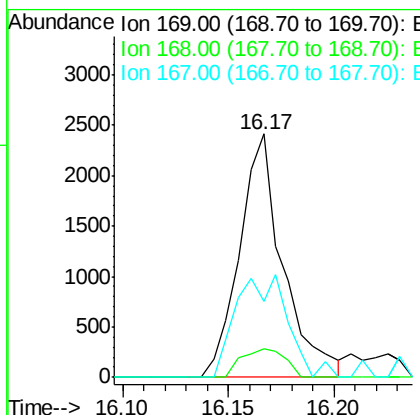
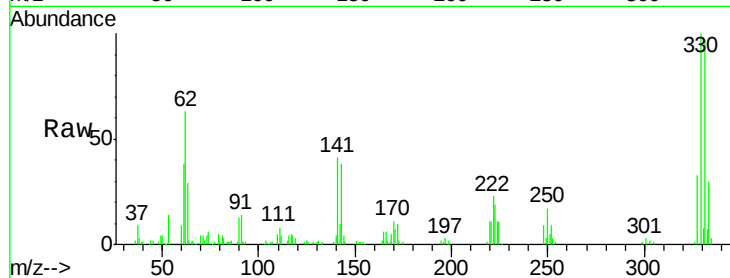




#66
 n-Nitrosodiphenylamine
 Concen: 0.542 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.21 min
 Lab File: BG040470.D
 Acq: 12 Apr 2019 20:51

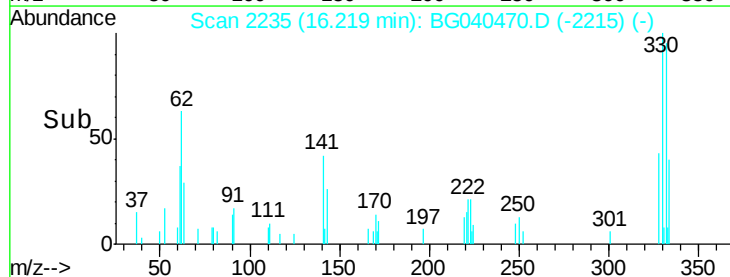
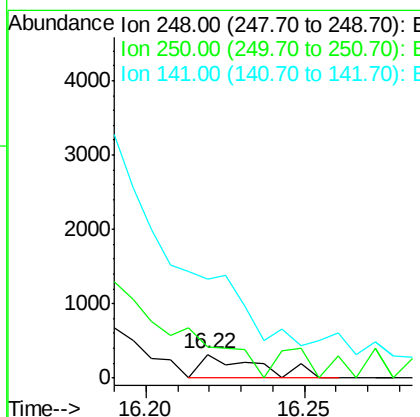
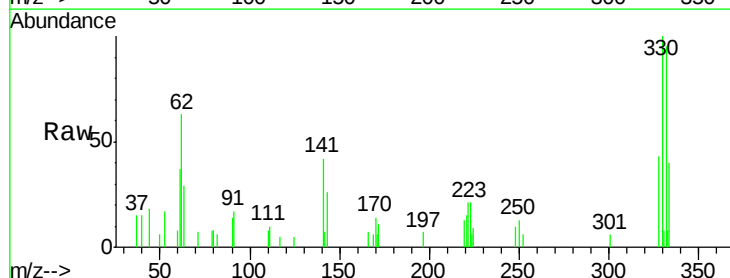
Instrument :
 BNA_G
 ClientSampleId :

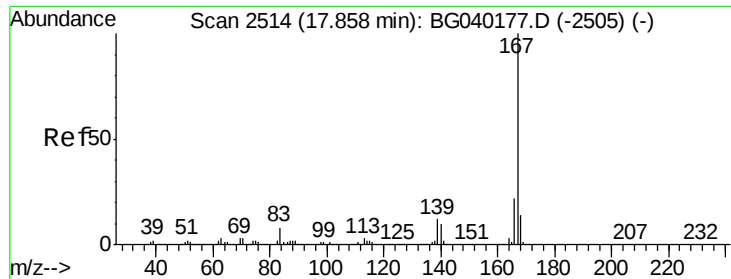
Tot Ion:169 Resp: 3449
 Ion Ratio Lower Upper
 169 100
 168 11.7 56.8 85.2#
 167 31.0 30.2 45.4



#67
 4-Bromophenyl-phenylether
 Concen: 0.158 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.41 min
 Lab File: BG040470.D
 Acq: 12 Apr 2019 20:51

Tgt Ion:248 Resp: 387
 Ion Ratio Lower Upper
 248 100
 250 130.1 76.4 114.6#
 141 411.2 53.8 80.8#





#73

Carbazole

Concen: 0.005 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.34 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

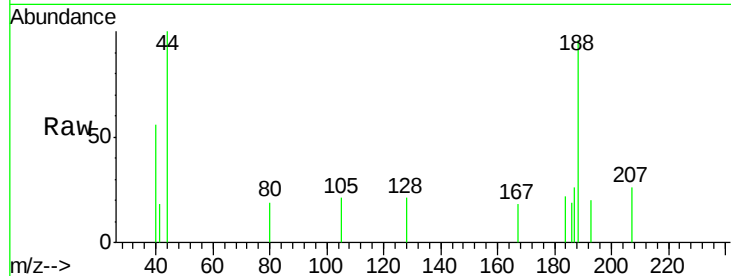
Tot Ion:167 Resp: 54

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

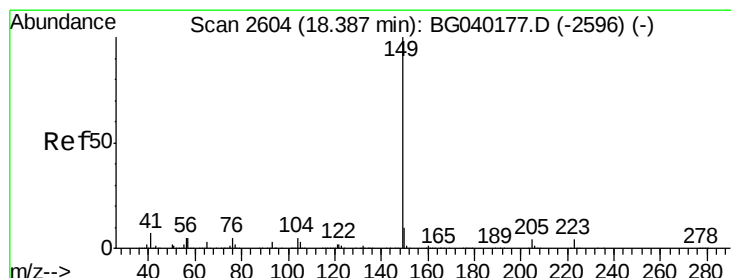
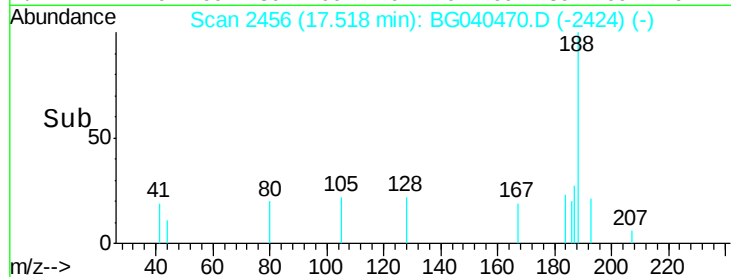
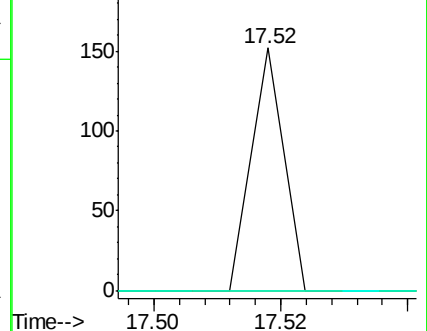
139 0.0 10.0 15.0#



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: 0.006 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

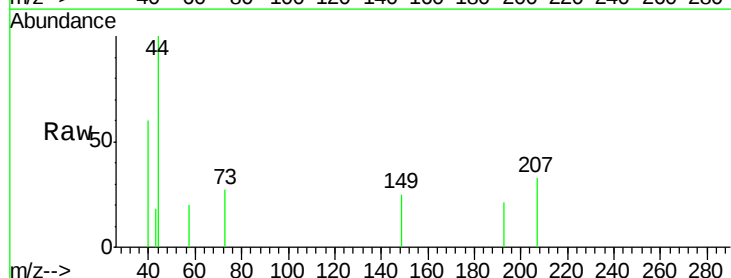
Tgt Ion:149 Resp: 77

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

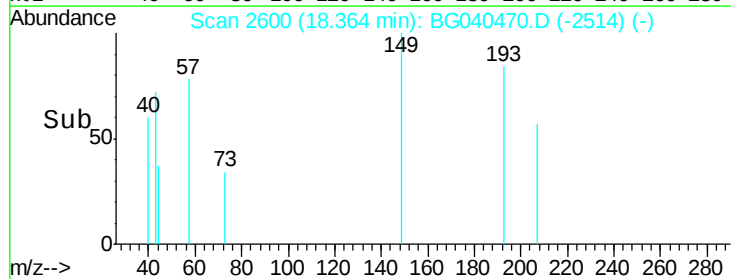
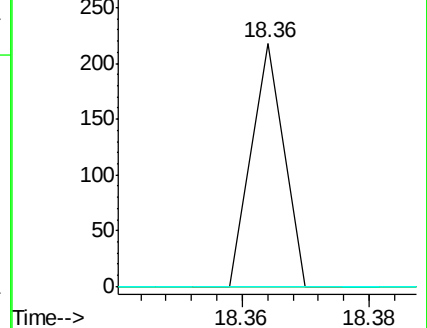
104 0.0 4.1 6.1#

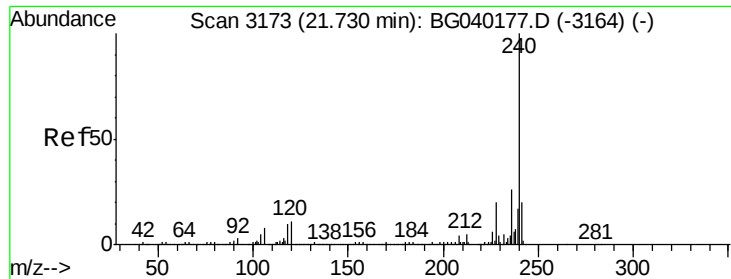


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

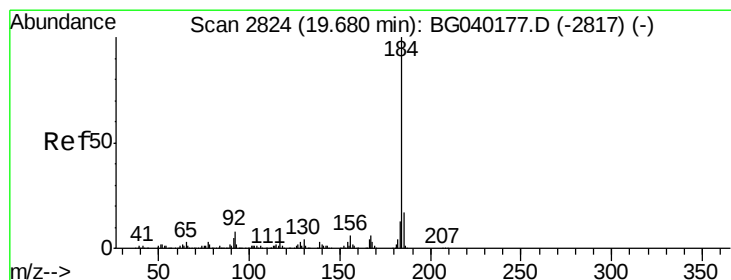
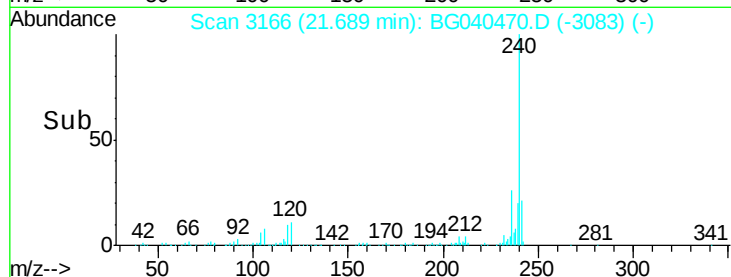
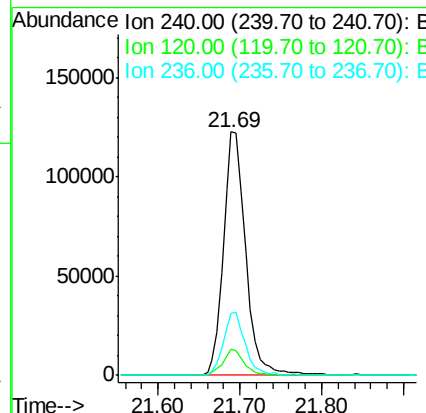
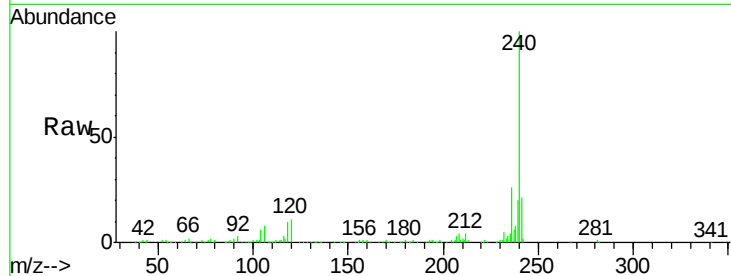




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

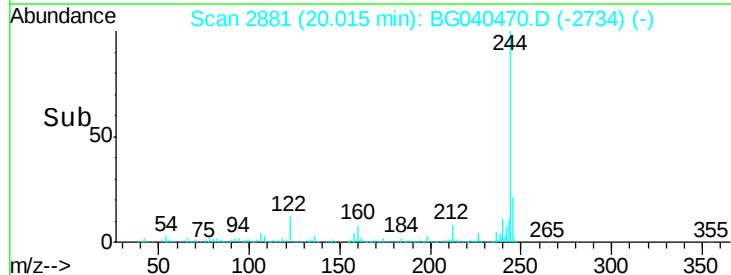
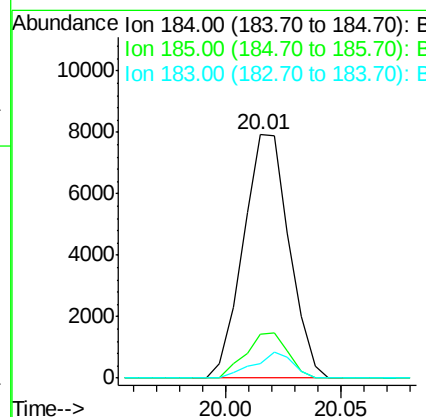
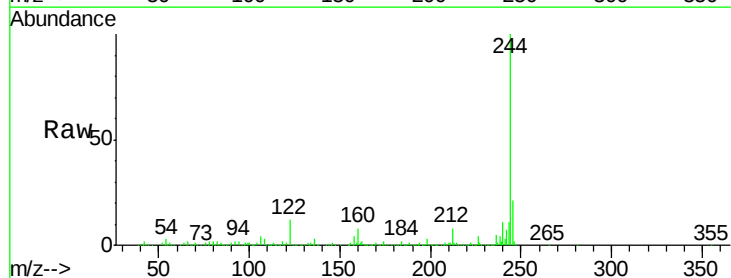
Instrument :
BNA_G
ClientSampleId :

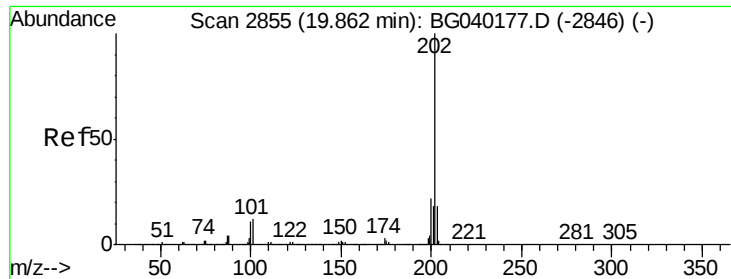
Tot Ion:240 Resp: 232773
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.7 20.8 31.2



#77
Benzidine
Concen: 1.306 ng
RT: 20.01 min Scan# 2881
Delta R.T. 0.34 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Tgt Ion:184 Resp: 10976
Ion Ratio Lower Upper
184 100
185 17.9 13.3 19.9
183 5.8 10.3 15.5#





#78

Pvrene

Concen: 0.170 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.15 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

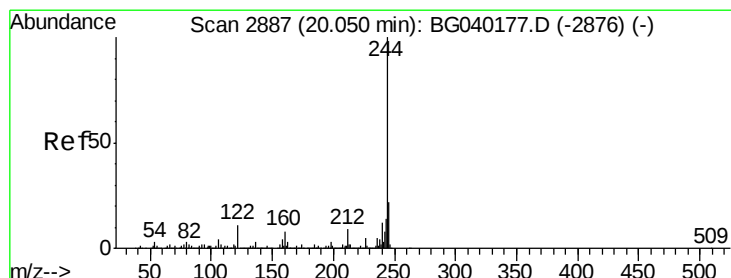
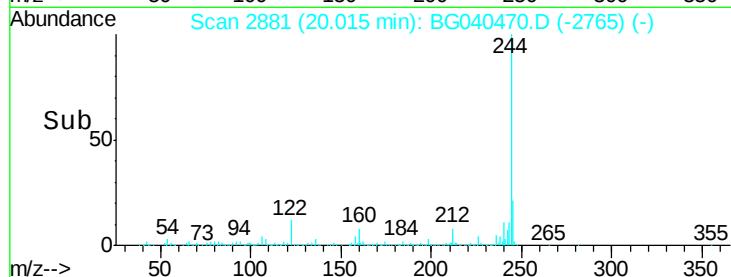
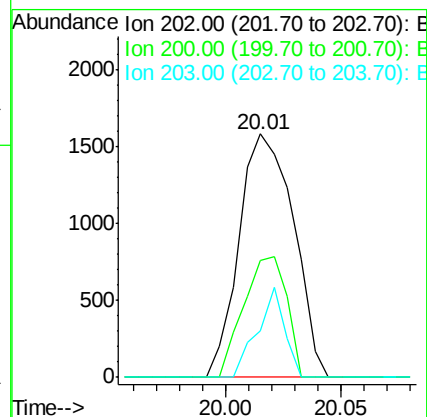
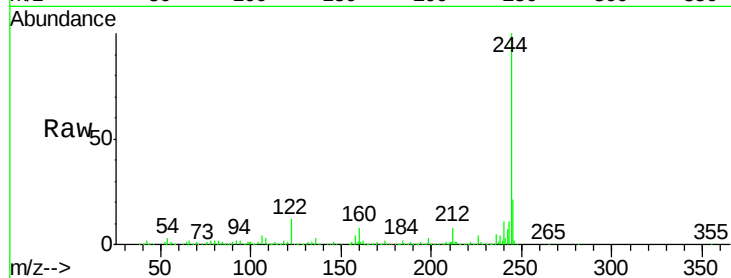
Tot Ion:202 Resp: 2598

Ion Ratio Lower Upper

202 100

200 48.2 17.3 25.9#

203 19.1 14.6 22.0



#79

Terphenyl-d14

Concen: 71.742 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

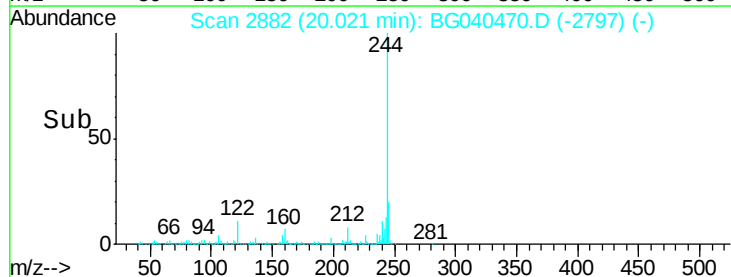
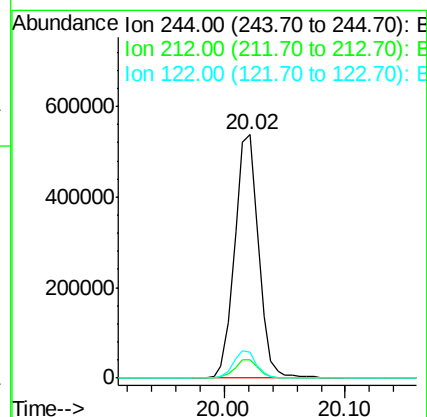
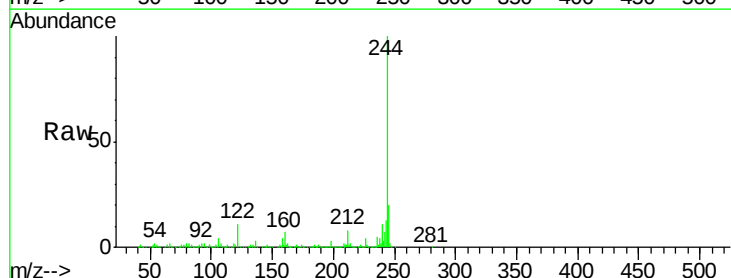
Tgt Ion:244 Resp: 742319

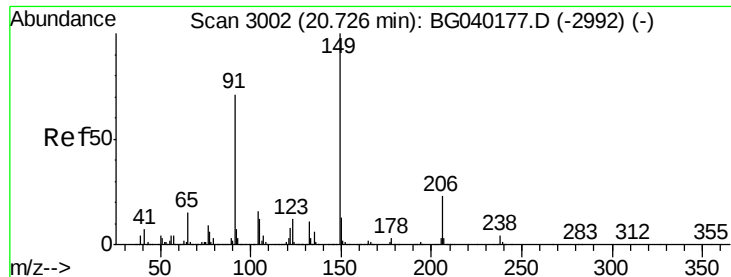
Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

122 10.6 8.5 12.7





#80

Butylbenzylphthalate

Concen: 0.008 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.02 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

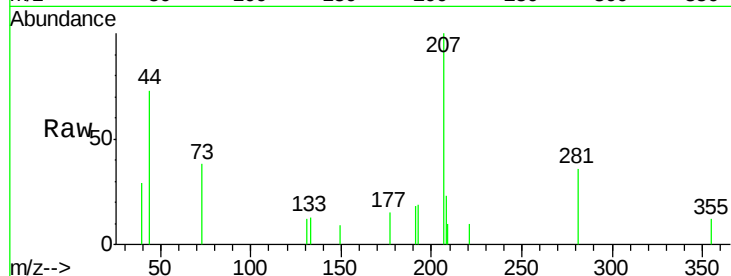
Tot Ion:149 Resp: 54

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

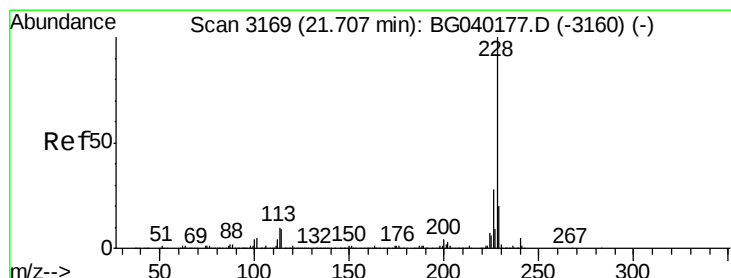
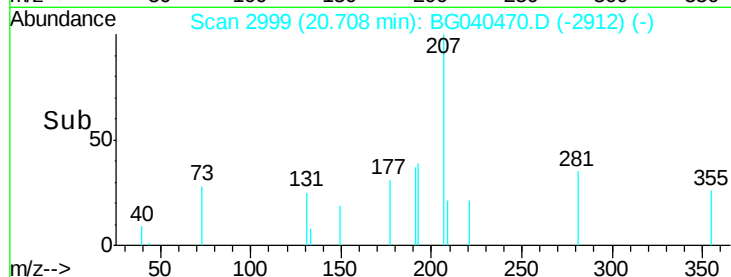
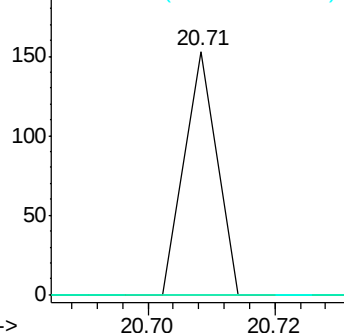
206 0.0 18.2 27.4#



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: 0.050 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

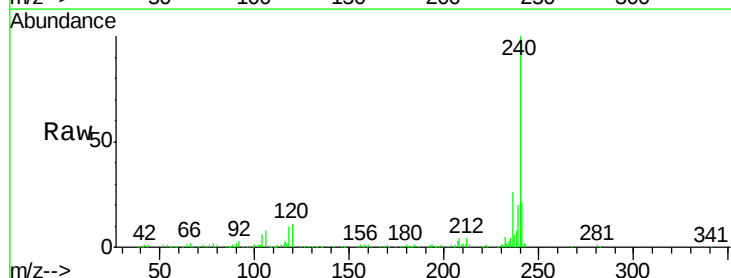
Tgt Ion:228 Resp: 718

Ion Ratio Lower Upper

228 100

226 0.0 22.6 34.0#

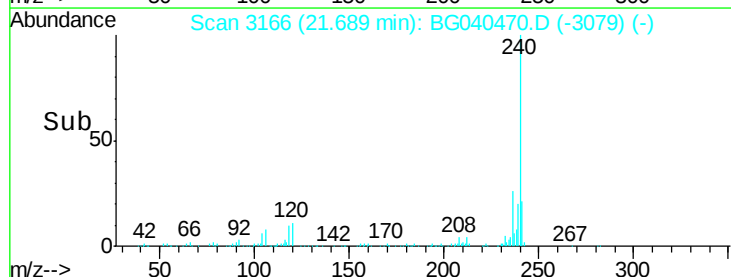
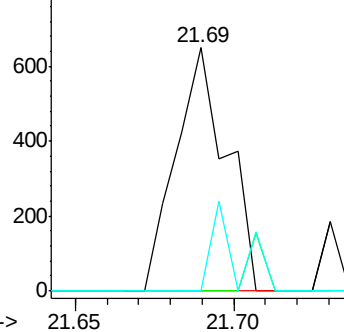
229 0.0 16.1 24.1#

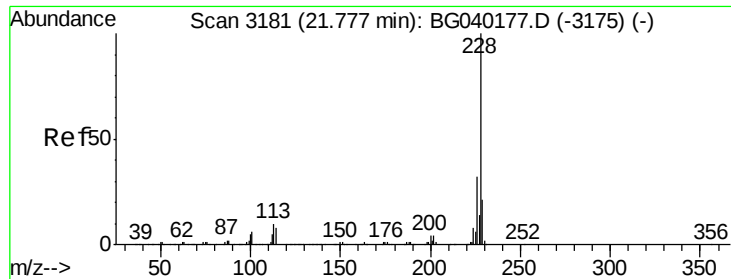


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

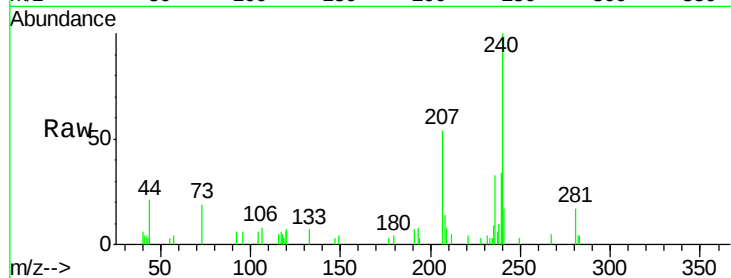




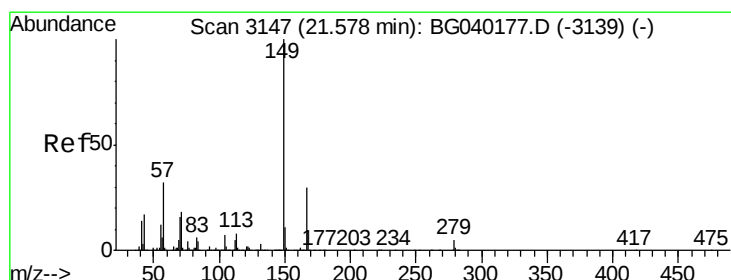
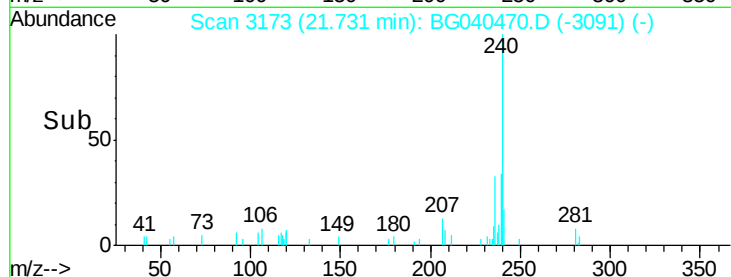
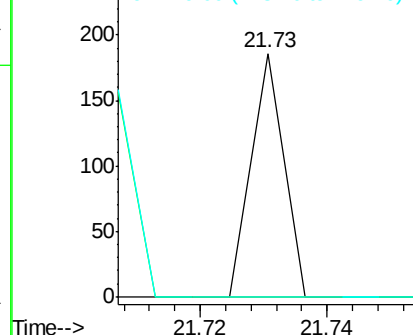
#83
Chrysene
Concen: 0.005 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.05 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	17.0	25.4#

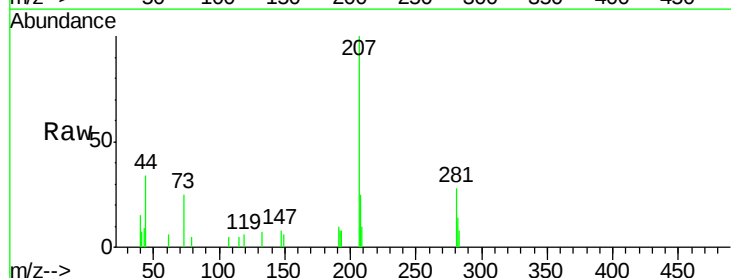


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

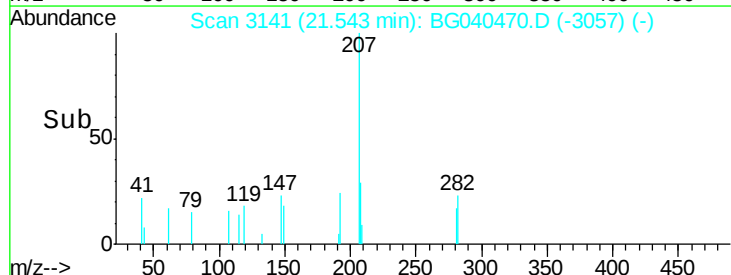
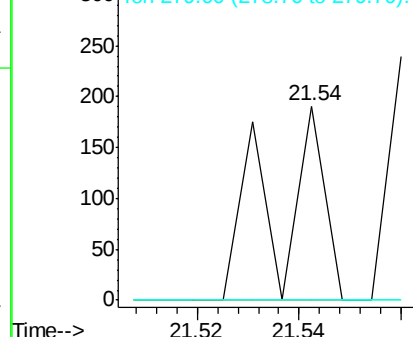


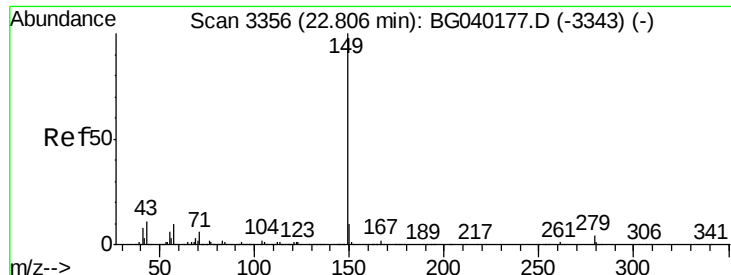
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.014 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.04 min
Lab File: BG040470.D
Acq: 12 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.1	36.1#
279	0.0	4.1	6.1#



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: 0.018 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.06 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

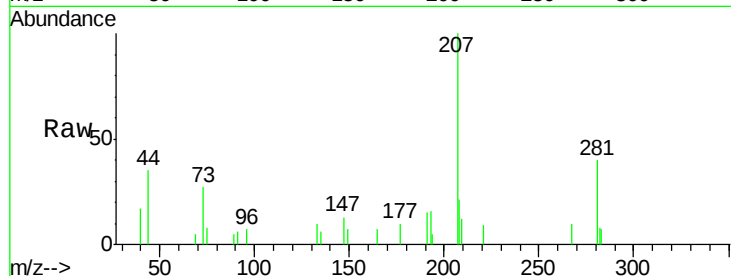
Tot Ion:149 Resp: 281

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

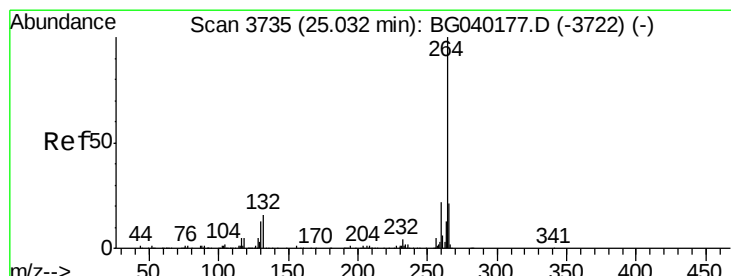
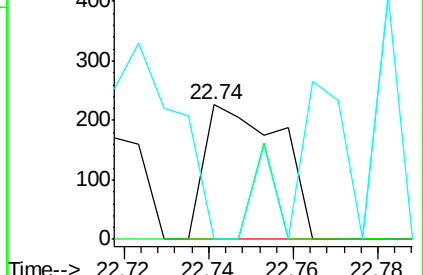
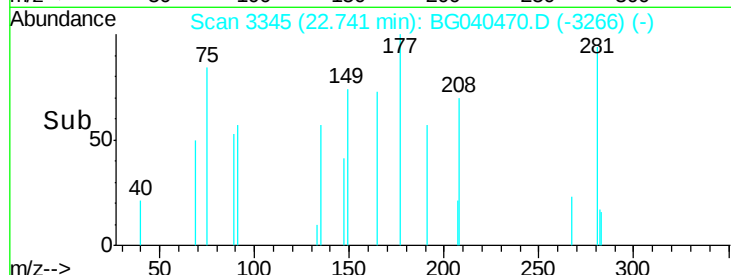
43 0.0 8.7 13.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

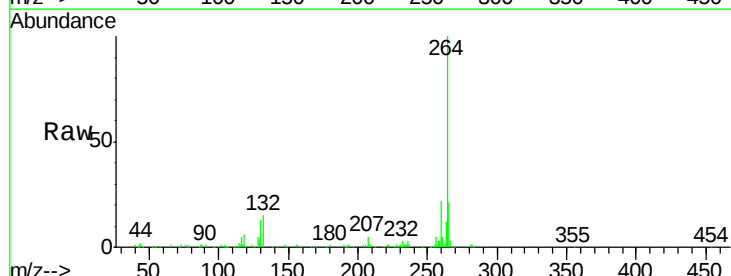
Tgt Ion:264 Resp: 245838

Ion Ratio Lower Upper

264 100

260 22.1 17.9 26.9

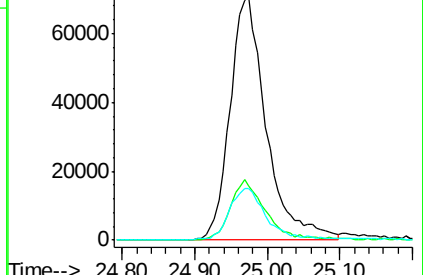
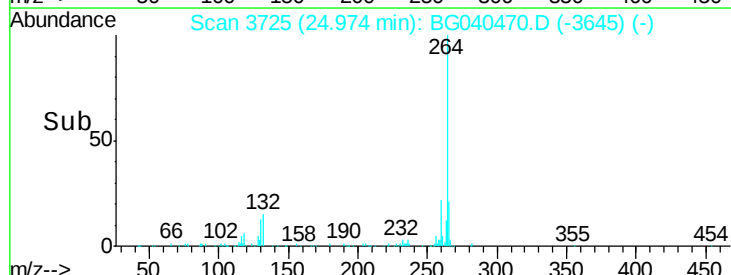
265 21.0 16.8 25.2

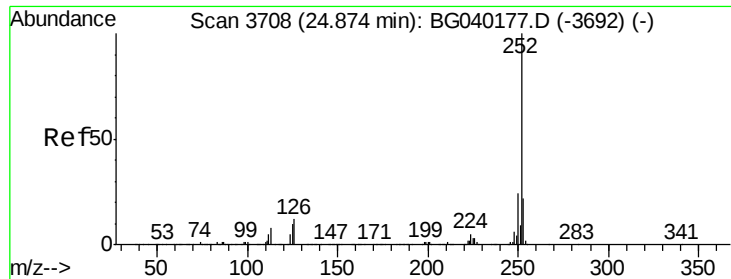


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#90

Benzo(a)pyrene

Concen: 0.004 ng

RT: 24.93 min Scan# 3717

Delta R.T. 0.05 min

Lab File: BG040470.D

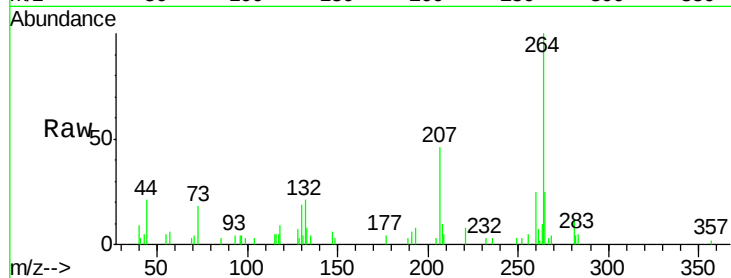
Acq: 12 Apr 2019 20:51

Instrument :

BNA_G

ClientSampleId :

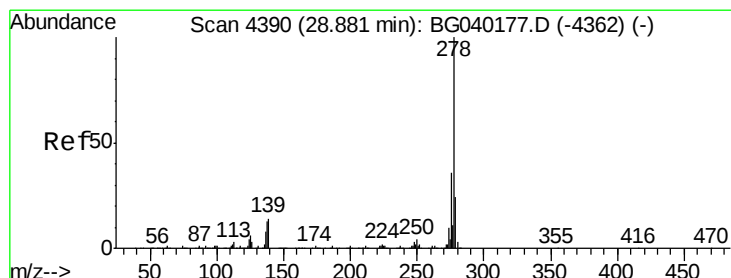
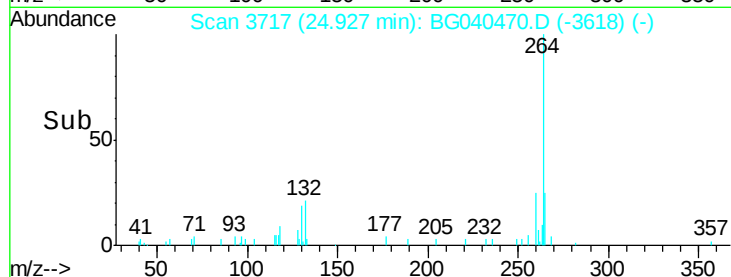
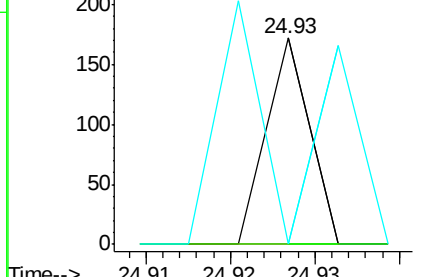
Tot Ion:	252	Resp:	61
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	8.3	12.5#



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: 0.006 ng

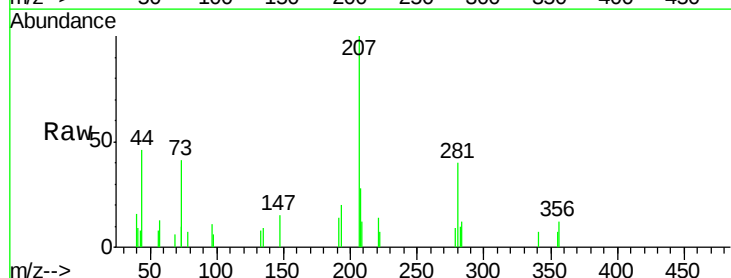
RT: 29.09 min Scan# 4425

Delta R.T. 0.21 min

Lab File: BG040470.D

Acq: 12 Apr 2019 20:51

Tgt Ion:	278	Resp:	81
Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.2	16.8#
279	0.0	18.9	28.3#



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

