

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042410.D
 Acq On : 22 Aug 2019 20:54
 Operator : HP/JU
 Sample : K4332-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 02:36:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60710	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	239742	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	171122	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	387345	20.00	ng	0.00
76) Chrysene-d12	21.69	240	394574	20.00	ng	0.00
87) Perylene-d12	24.93	264	463606	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	43115	14.38	ng	0.00
7) Phenol-d6	7.17	99	54385	13.43	ng	0.00
23) Nitrobenzene-d5	9.17	82	110445	31.84	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	61630	25.34	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	353336	34.92	ng	0.00
79) Terphenyl-d14	20.03	244	599811	32.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	413	0.330	ng	# 53
4) n-Nitrosodimethylamine	3.73	42	114	0.100	ng	# 1
6) Aniline	7.19	93	83	0.015	ng	# 1
10) Phenol	7.19	94	10077	2.448	ng	# 93
11) bis(2-Chloroethyl)ether	7.19	93	83	0.026	ng	# 20
15) Benzyl Alcohol	8.33	79	1688	0.579	ng	# 32
19) n-Nitroso-di-n-propylamine	9.17	70	13433	5.121	ng	# 75
22) Acetophenone	8.83	105	1106	0.216	ng	# 54
24) Nitrobenzene	9.17	77	239	0.068	ng	# 33
25) Isophorone	9.45	82	419	0.061	ng	# 59
46) 1,1'-Biphenyl	13.50	154	146	0.013	ng	# 40
48) 2-Nitroaniline	14.10	65	764	0.332	ng	# 1
50) Dimethylphthalate	14.11	163	137147	11.108	ng	# 99
51) 2,6-Dinitrotoluene	14.11	165	1506	0.526	ng	# 20
52) Acenaphthene	14.67	154	547	0.063	ng	# 4
57) 2,4-Dinitrotoluene	14.66	165	22620	5.519	ng	# 40
58) Fluorene	16.15	166	1860	0.158	ng	# 79
60) Diethylphthalate	15.48	149	1256	0.104	ng	# 80
63) Azobenzene	16.16	77	189	0.023	ng	# 21
66) n-Nitrosodiphenylamine	16.15	169	1780	0.167	ng	# 43
67) 4-Bromophenyl-phenylether	16.15	248	3995	0.813	ng	# 1
71) Phenanthrene	17.45	178	109	0.006	ng	# 59
72) Anthracene	17.45	178	109	0.006	ng	# 60
74) Di-n-butylphthalate	18.38	149	1365	0.067	ng	# 77
75) Fluoranthene	19.47	202	301	0.013	ng	# 63
77) Benzdine	20.03	184	6994	0.618	ng	# 93
78) Pyrene	19.84	202	354	0.015	ng	# 55
80) Butylbenzylphthalate	20.70	149	315	0.033	ng	# 46
81) Benzo(a)anthracene	21.70	228	1397	0.058	ng	# 85
82) 3,3'-Dichlorobenzidine	21.60	252	87	0.009	ng	# 23
83) Chrysene	21.74	228	178	0.008	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.58	149	6700	0.507	ng	# 91
85) Di-n-octyl phthalate	22.79	149	246	0.011	ng	# 84
86) Indeno(1,2,3-cd)pyrene	28.66	276	54	0.002	ng	# 55

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

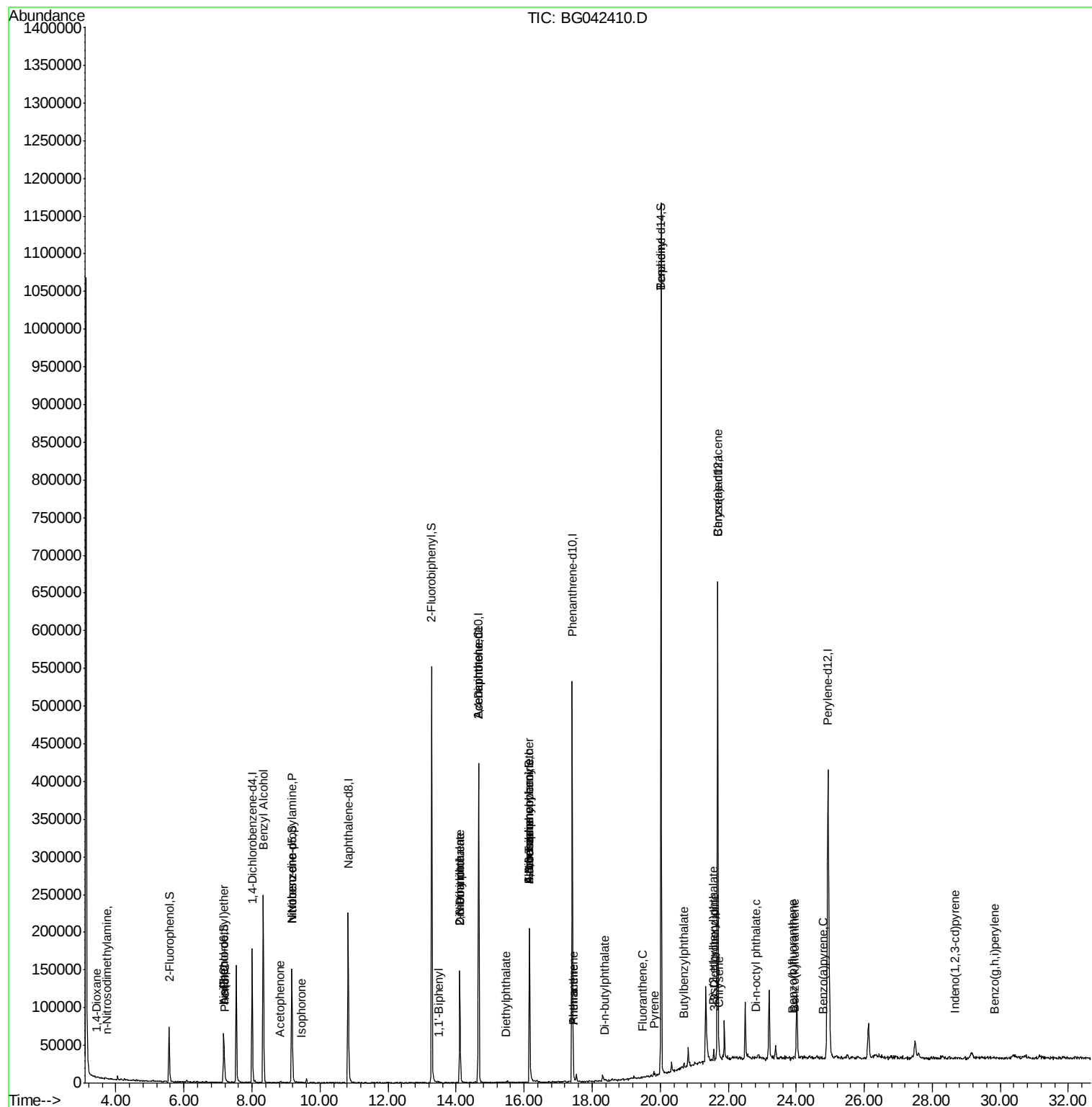
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.90	252	117	0.005	ng	# 10
89) Benzo(k)fluoranthene	23.95	252	75	0.003	ng	# 59
90) Benzo(a)pyrene	24.79	252	61	0.003	ng	# 1
92) Benzo(g,h,i)perylene	29.84	276	119	0.005	ng	# 56

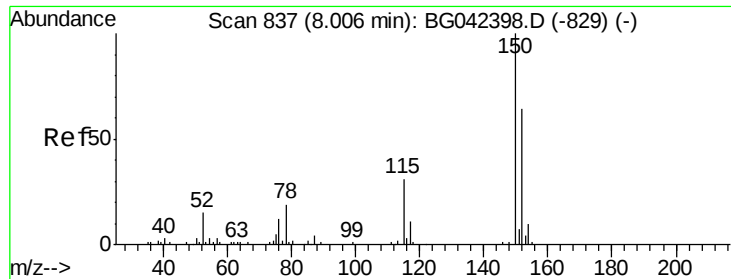
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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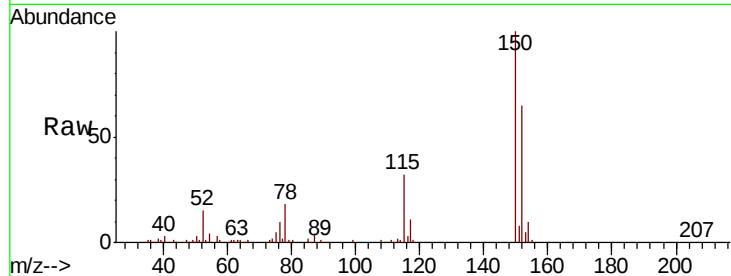


#1

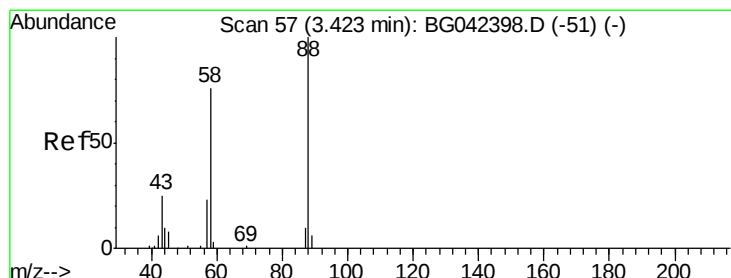
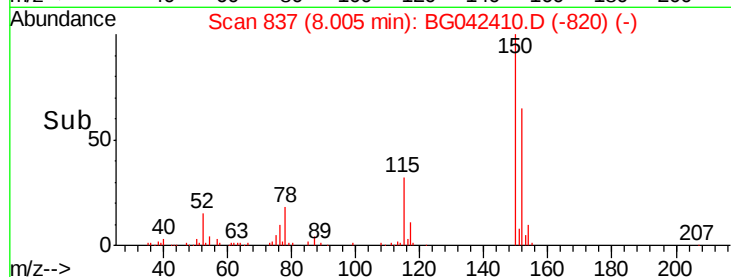
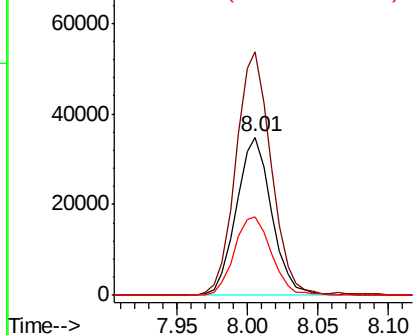
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60710
Ion Ratio Lower Upper
152 100
150 154.1 125.4 188.0
115 49.5 38.5 57.7



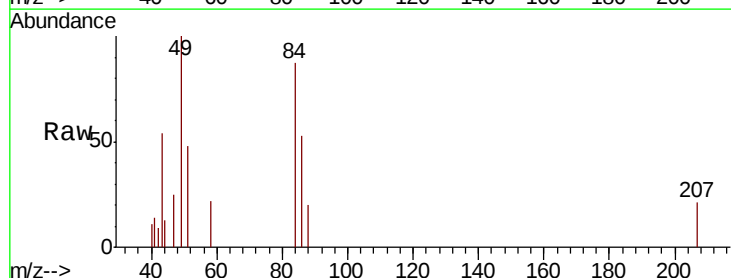
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



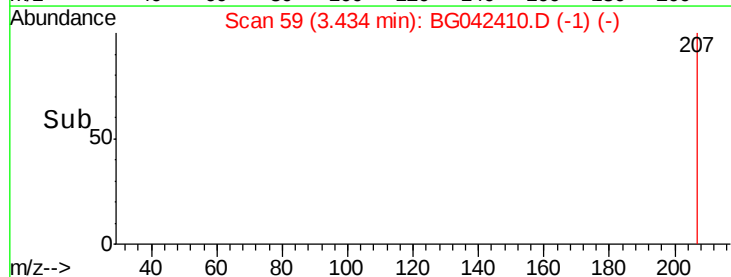
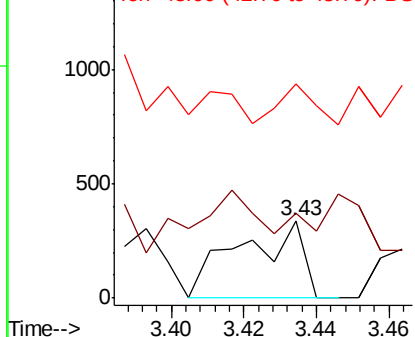
#2

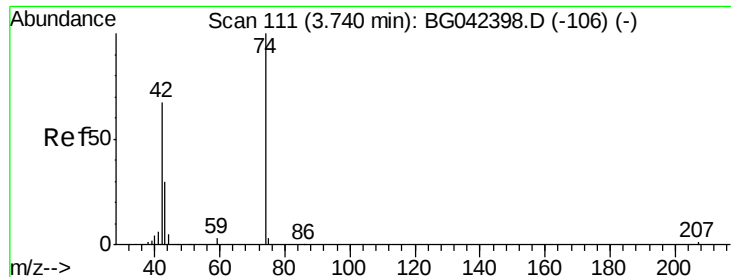
1,4-Dioxane
Concen: 0.330 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Tgt Ion: 88 Resp: 413
Ion Ratio Lower Upper
88 100
58 33.9 58.3 87.5#
43 0.0 20.2 30.2#



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: 0.100 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

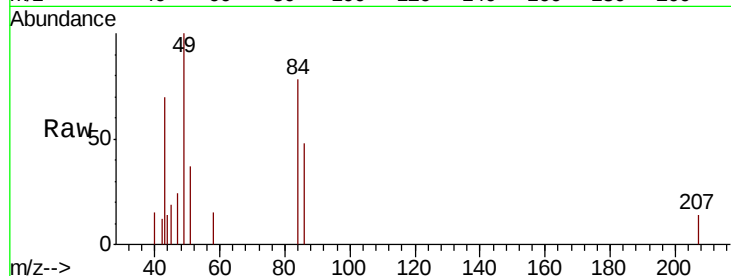
Tot Ion: 42 Resp: 114

Ion Ratio Lower Upper

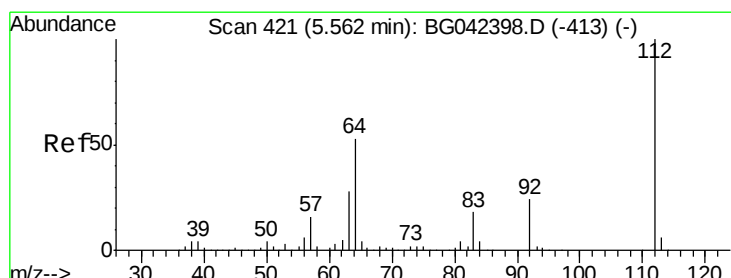
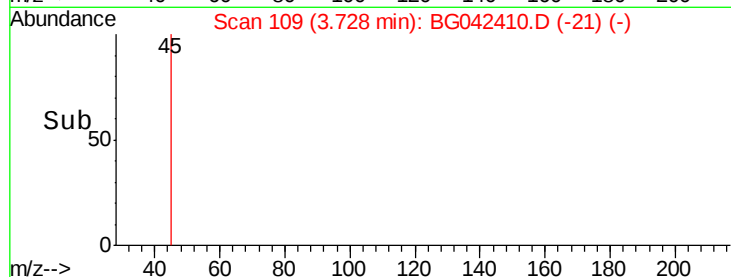
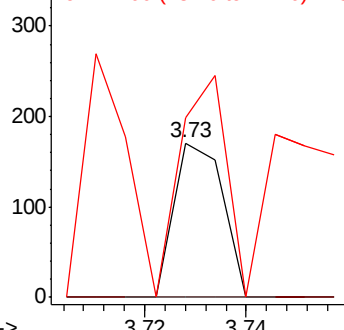
42 100

74 0.0 119.6 179.4#

44 115.8 6.5 9.7#



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: 14.383 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

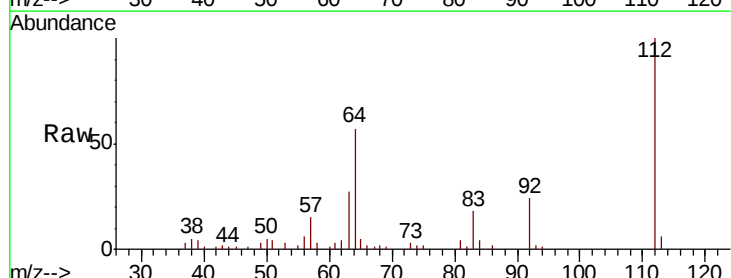
Tgt Ion: 112 Resp: 43115

Ion Ratio Lower Upper

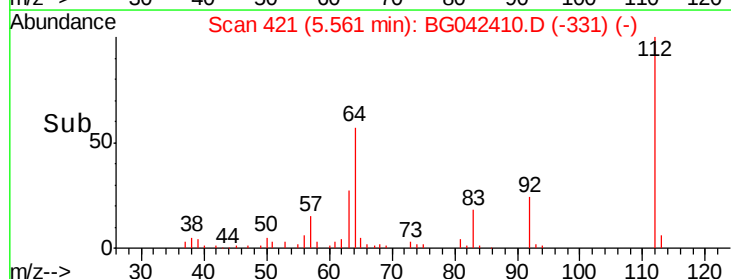
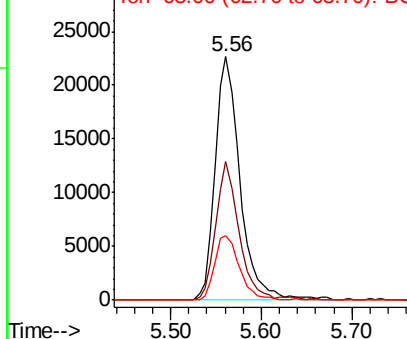
112 100

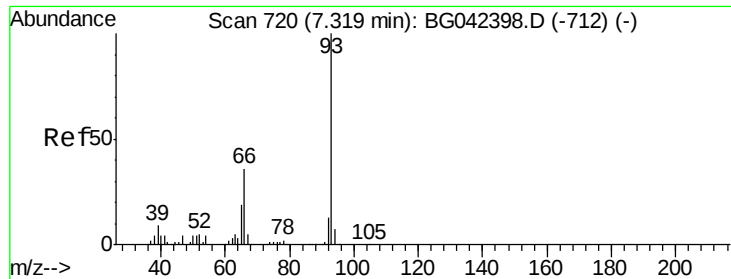
64 56.9 42.8 64.2

63 26.7 22.7 34.1



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: 0.015 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.13 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

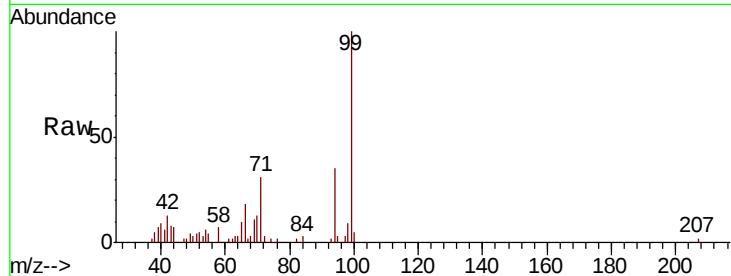
Tot Ion: 93 Resp: 83

Ion Ratio Lower Upper

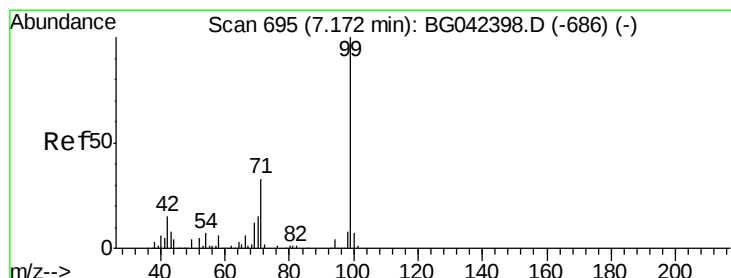
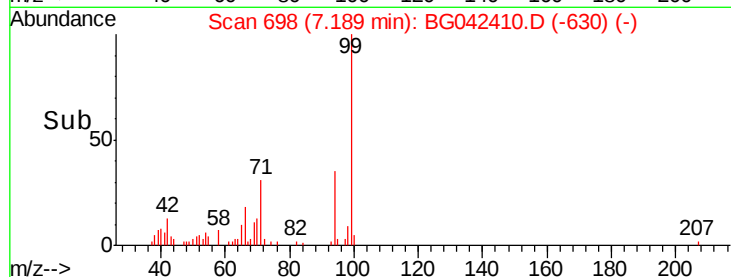
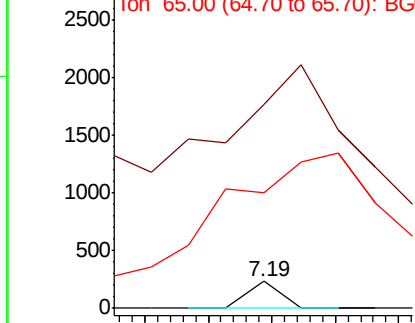
93 100

66 747.0 29.0 43.6#

65 422.5 15.2 22.8#



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: 13.431 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

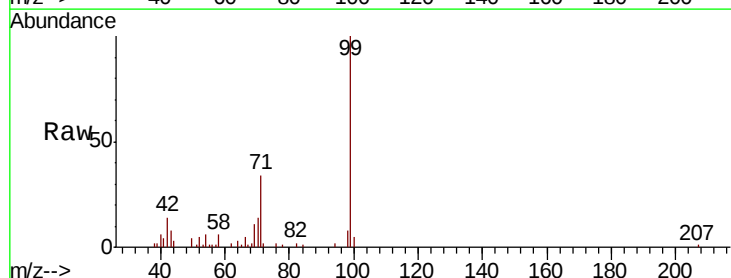
Tgt Ion: 99 Resp: 54385

Ion Ratio Lower Upper

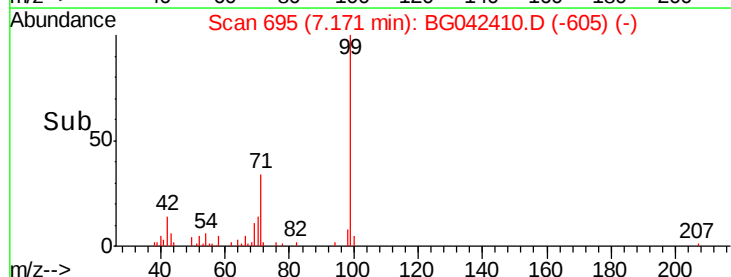
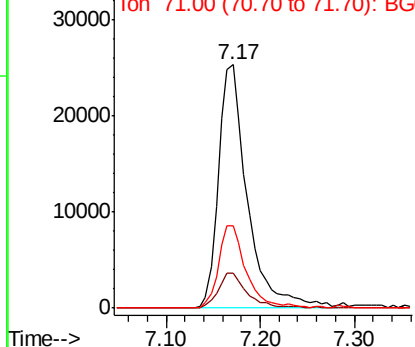
99 100

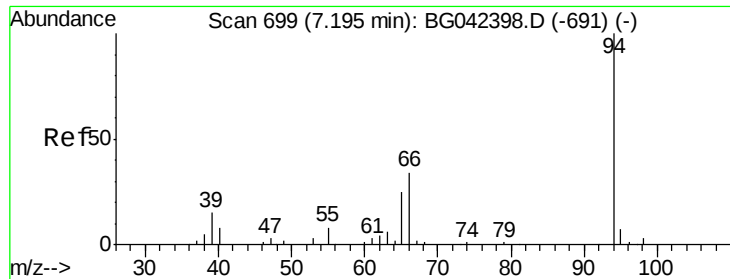
42 14.1 12.0 18.0

71 34.0 26.3 39.5



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





#10

Phenol

Concen: 2.448 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampled :

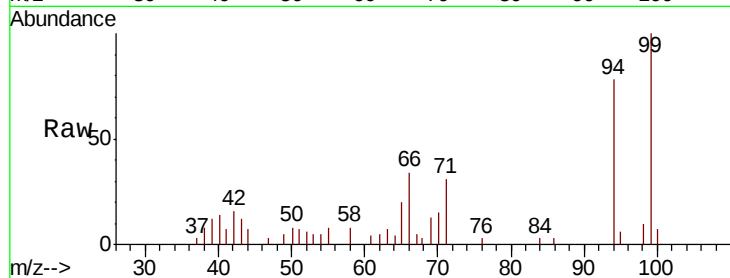
Tot Ion: 94 Resp: 10077

Ion Ratio Lower Upper

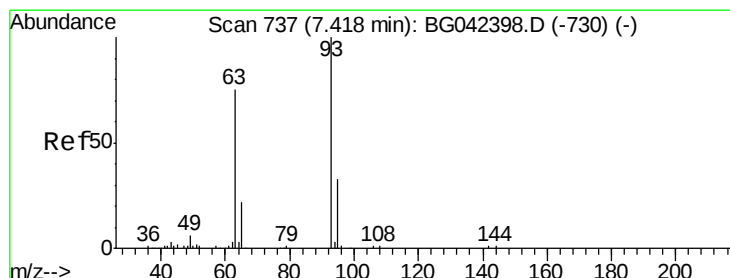
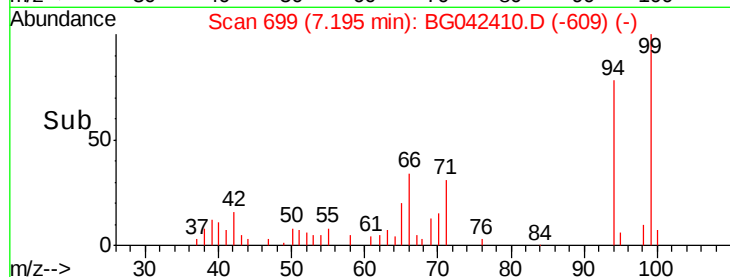
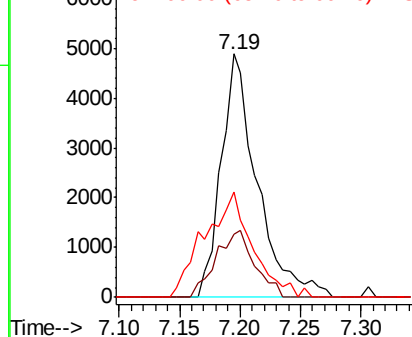
94 100

65 25.8 5.6 45.6

66 43.1 16.0 56.0



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: 0.026 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.23 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

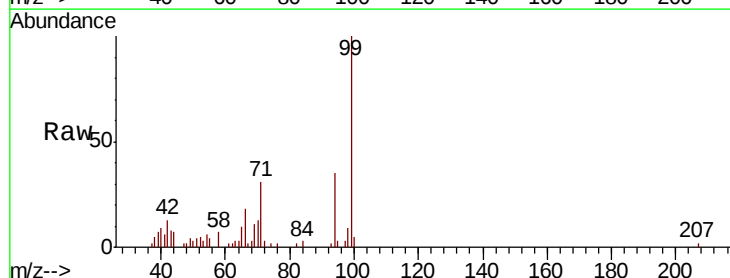
Tgt Ion: 93 Resp: 83

Ion Ratio Lower Upper

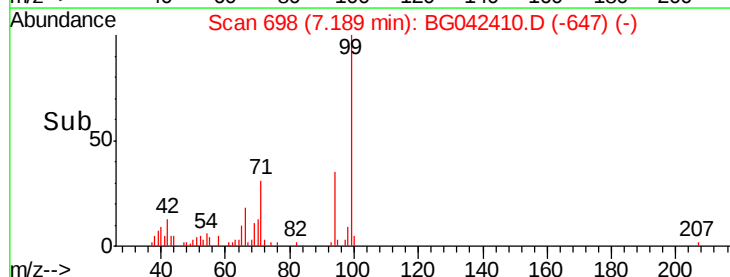
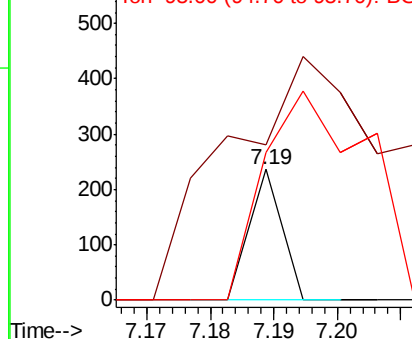
93 100

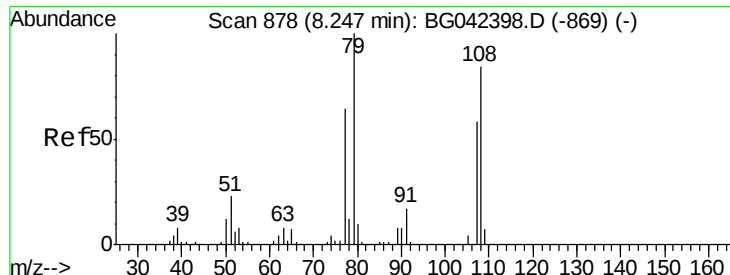
63 118.6 53.8 93.8#

95 113.1 13.1 53.1#



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: 0.579 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.08 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampled :

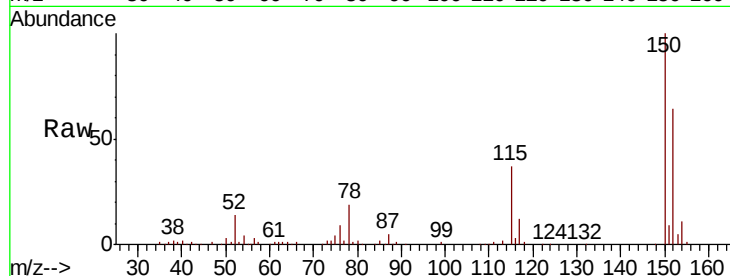
Tot Ion: 79 Resp: 1688

Ion Ratio Lower Upper

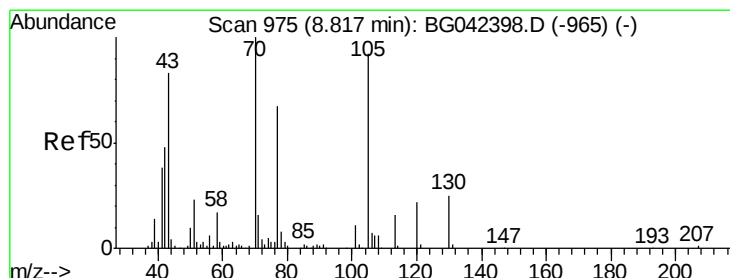
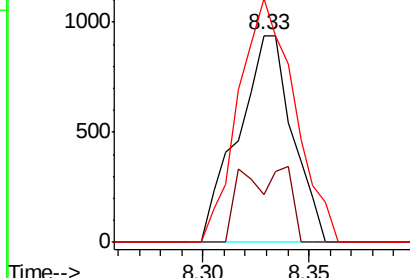
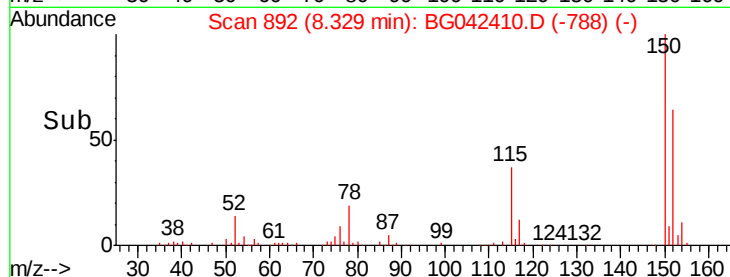
79 100

108 23.4 67.4 101.2#

77 117.7 50.8 76.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.121 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Tgt Ion: 70 Resp: 13433

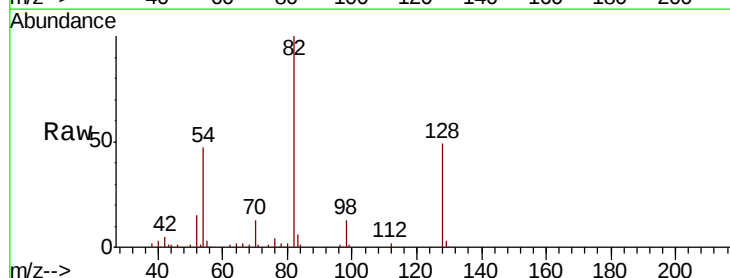
Ion Ratio Lower Upper

70 100

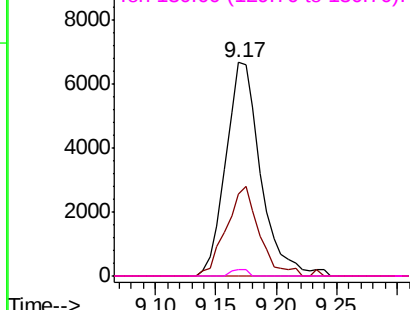
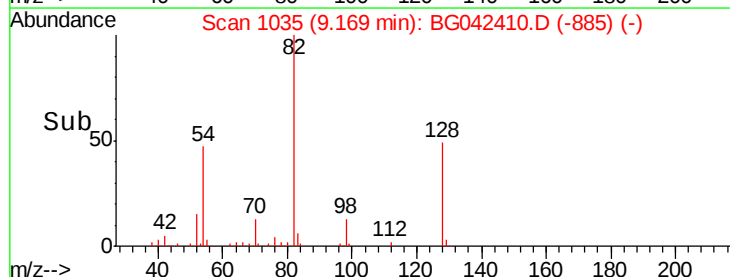
42 38.4 38.8 58.2#

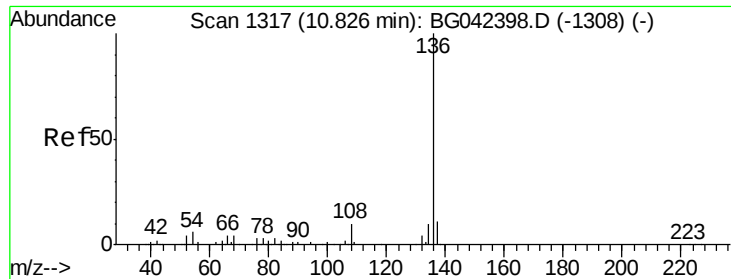
101 0.0 9.0 13.6#

130 2.9 20.0 30.0#



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 239742

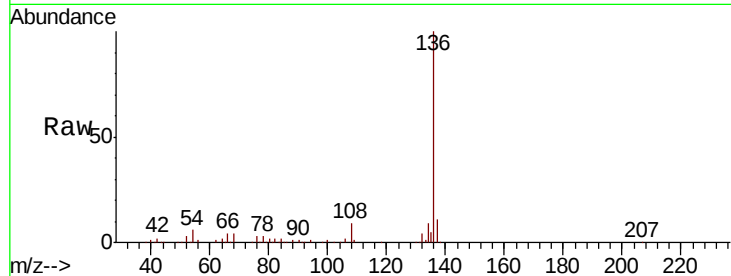
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.3 4.9 7.3

68 4.0 3.6 5.4

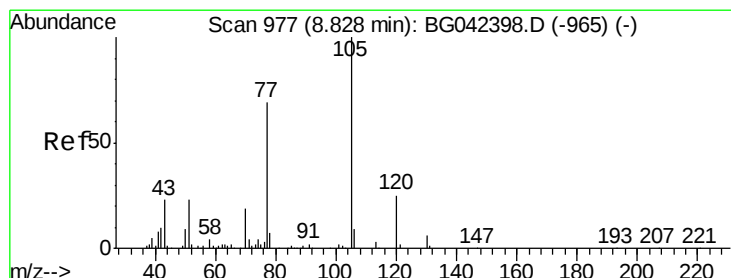
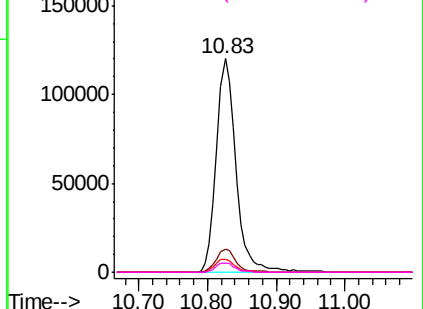
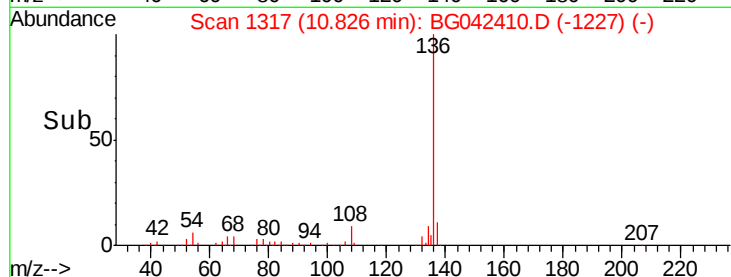


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.216 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Tgt Ion:105 Resp: 1106

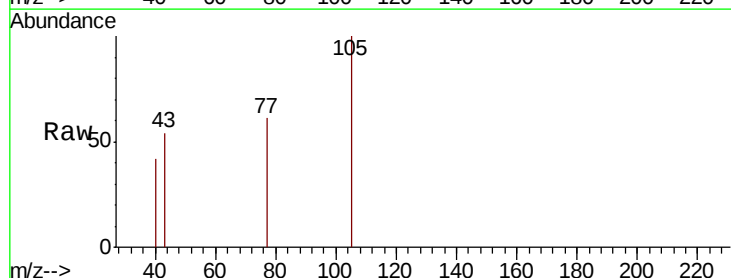
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 0.0 18.7 28.1#

120 0.0 20.1 30.1#

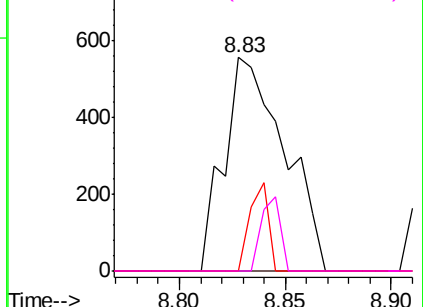
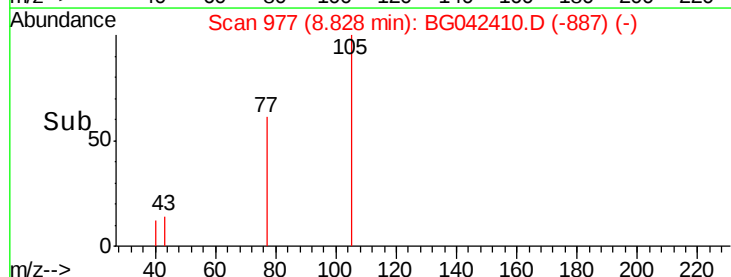


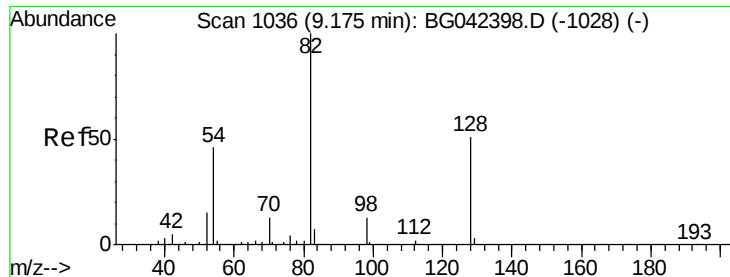
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 31.835 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

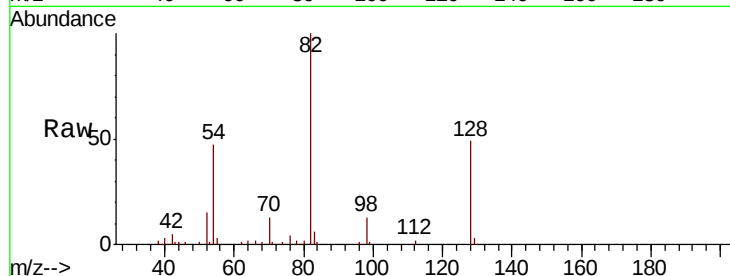
Tot Ion: 82 Resp: 110445

Ion Ratio Lower Upper

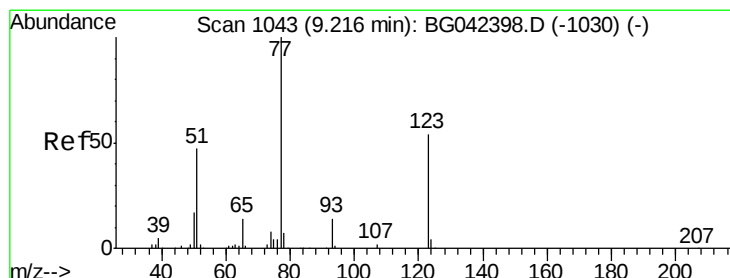
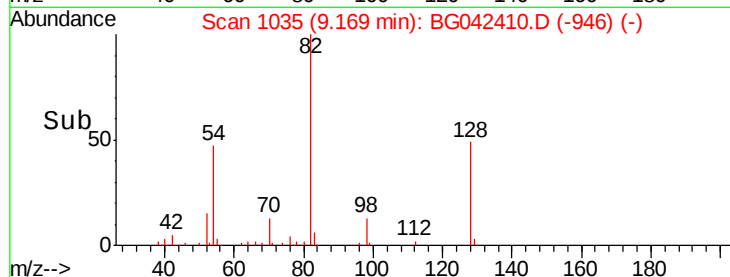
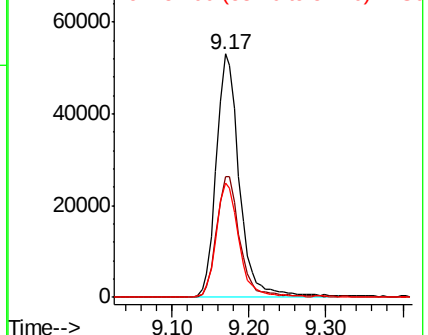
82 100

128 49.4 40.7 61.1

54 47.1 36.3 54.5



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: 0.068 ng

RT: 9.17 min Scan# 1036

Delta R.T. -0.04 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

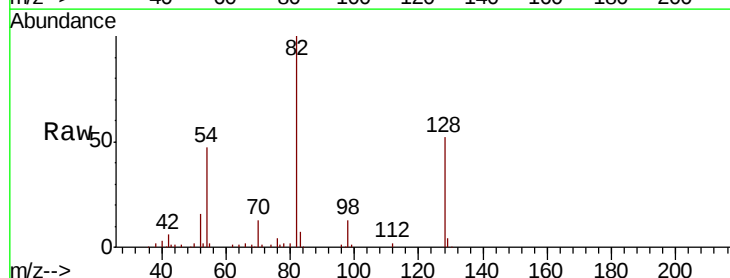
Tgt Ion: 77 Resp: 239

Ion Ratio Lower Upper

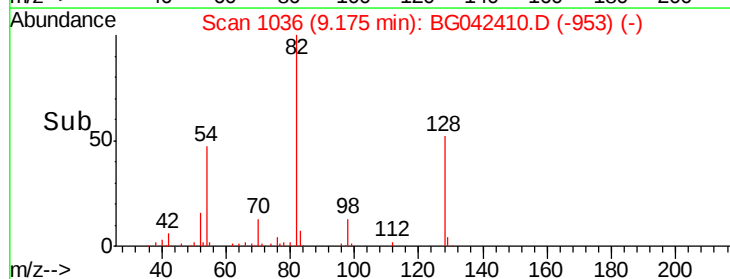
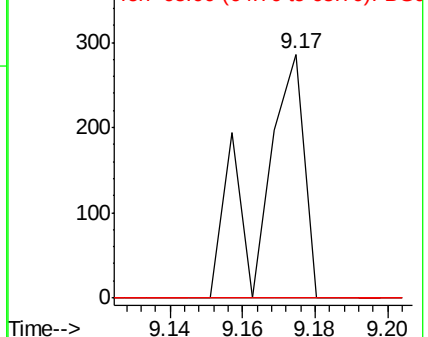
77 100

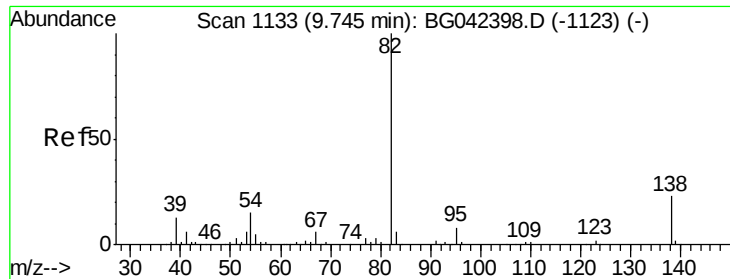
123 0.0 43.4 65.0#

65 0.0 11.0 16.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.061 ng

RT: 9.45 min Scan# 1083

Delta R.T. -0.29 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampled :

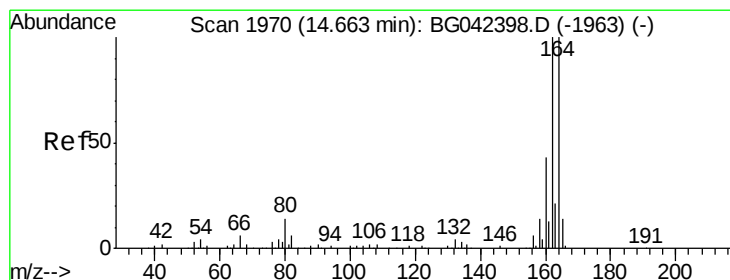
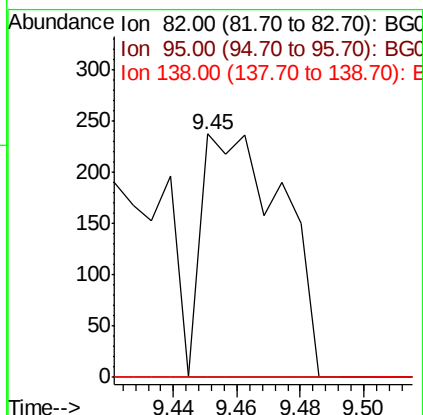
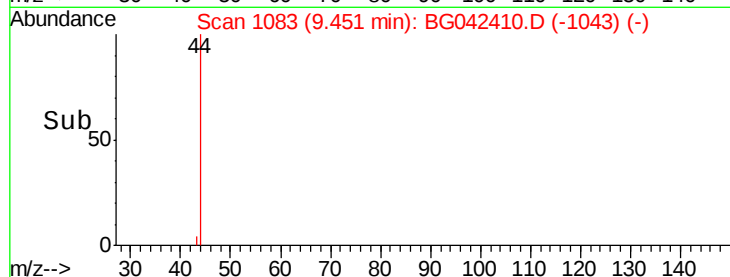
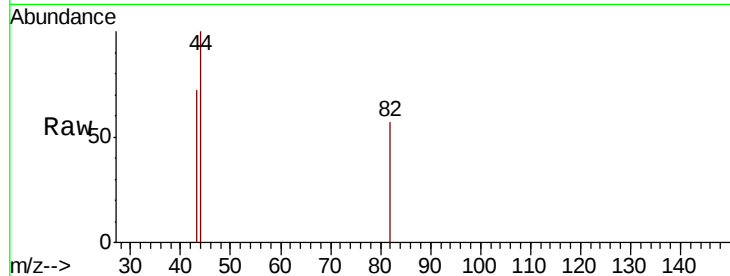
Tot Ion: 82 Resp: 419

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

138 0.0 18.6 27.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

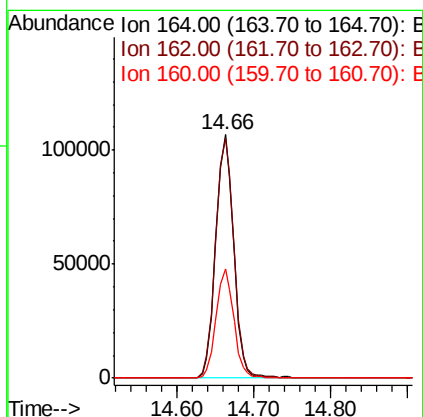
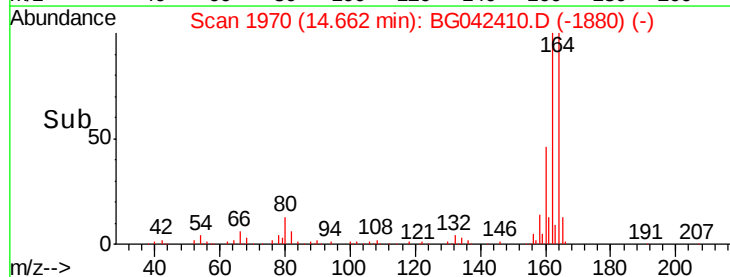
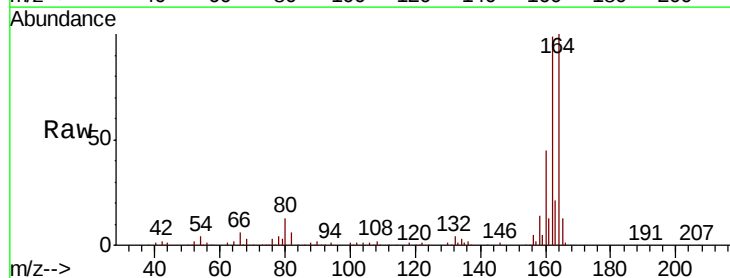
Tgt Ion:164 Resp: 171122

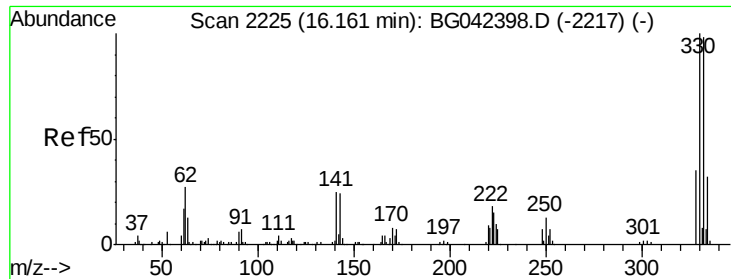
Ion Ratio Lower Upper

164 100

162 98.5 79.9 119.9

160 45.1 34.3 51.5

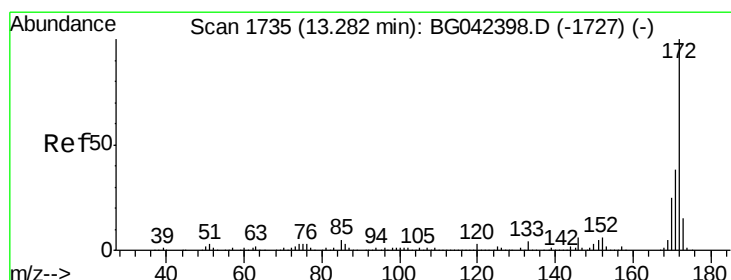
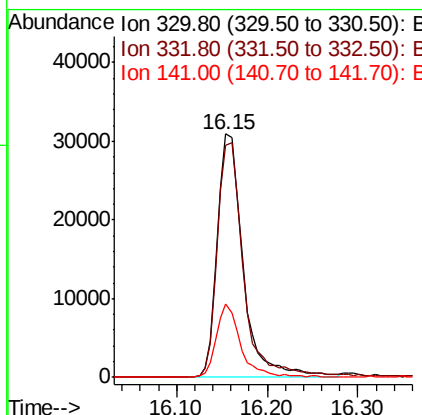
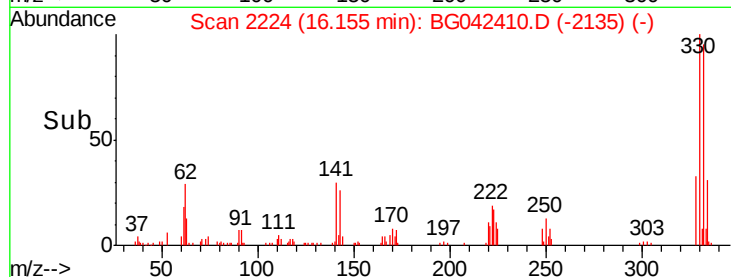
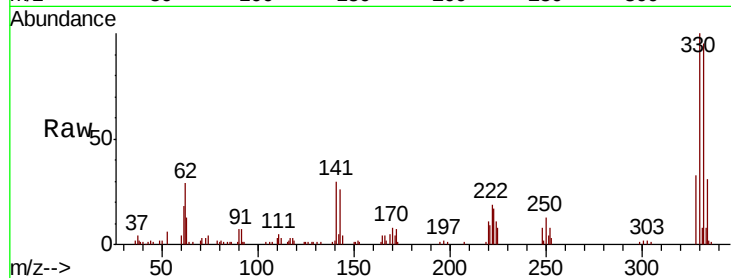




#42
 2,4,6-Tribromophenol
 Concen: 25.339 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

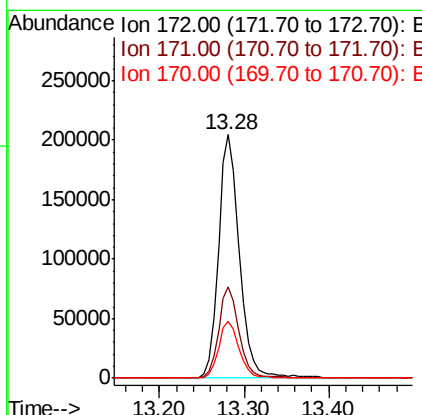
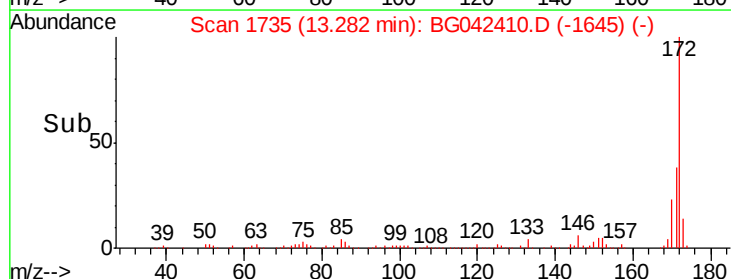
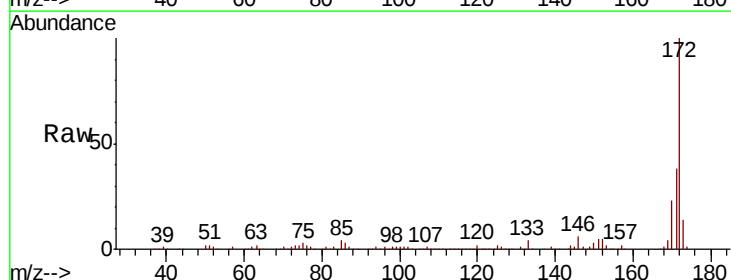
Instrument :
 BNA_G
 ClientSampleId :

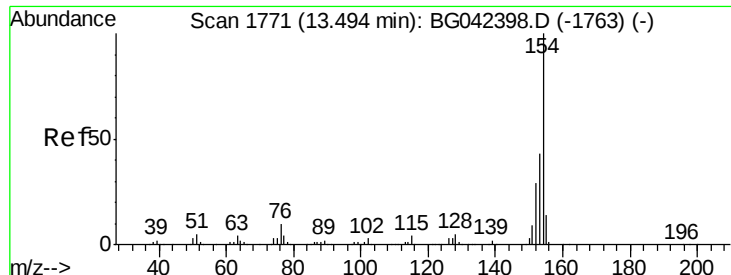
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	28.0	21.4	32.0



#45
 2-Fluorobiphenyl
 Concen: 34.922 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	23.2	20.2	30.2





#46

1,1'-Biphenyl

Concen: 0.013 ng

RT: 13.50 min Scan# 1772

Delta R.T. 0.01 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

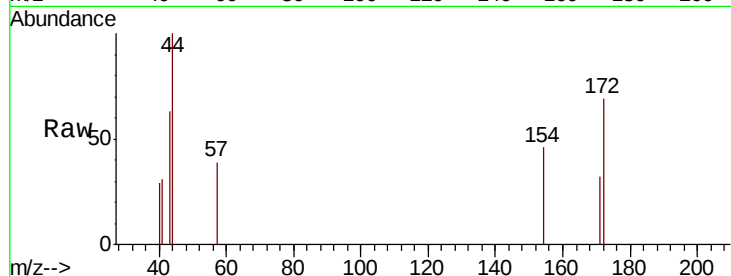
Tot Ion:154 Resp: 146

Ion Ratio Lower Upper

154 100

153 0.0 23.0 63.0#

76 0.0 0.0 29.6

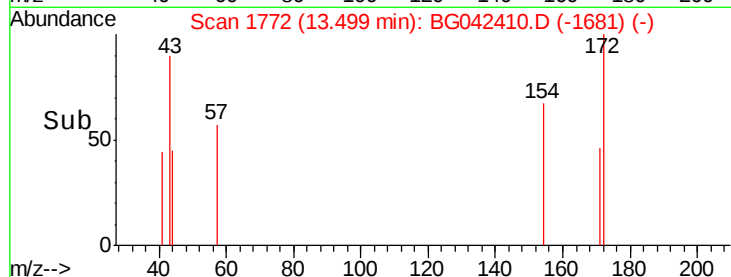


Abundance Ion 154.00 (153.70 to 154.70): E

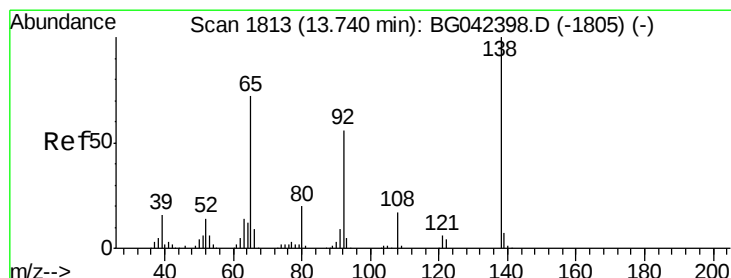
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

Time-->



Time-->



#48

2-Nitroaniline

Concen: 0.332 ng

RT: 14.10 min Scan# 1875

Delta R.T. 0.36 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

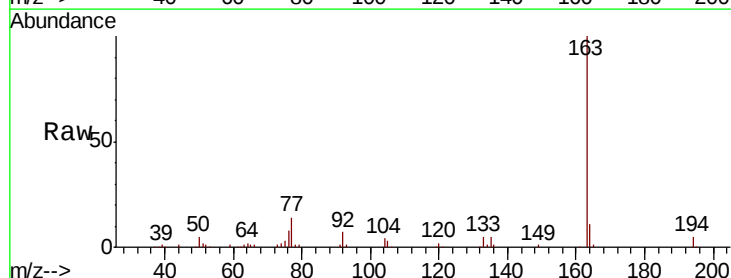
Tgt Ion: 65 Resp: 764

Ion Ratio Lower Upper

65 100

92 972.2 61.8 92.6#

138 0.0 111.0 166.6#

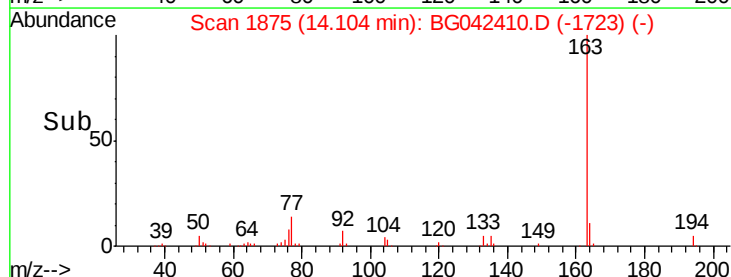


Abundance Ion 65.00 (64.70 to 65.70): BGC

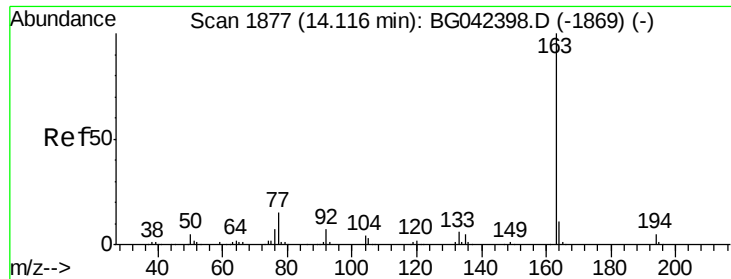
Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

Time-->



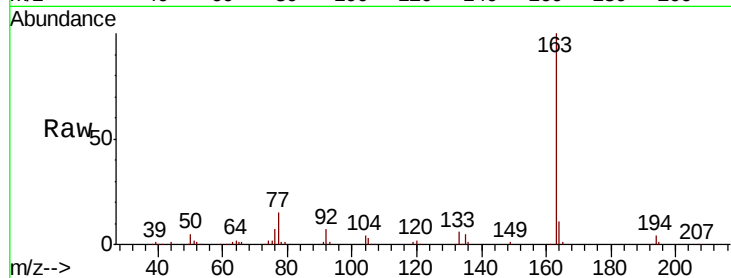
Time-->



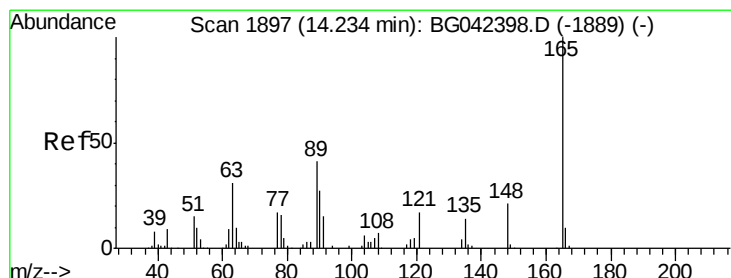
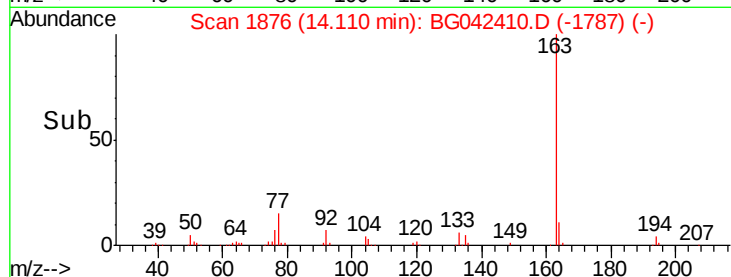
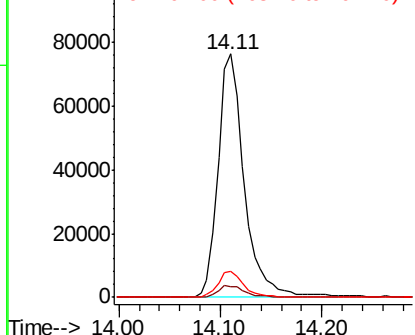
#50
Dimethylphthalate
Concen: 11.108 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 137147
Ion Ratio Lower Upper
163 100
194 4.5 4.2 6.2
164 10.7 8.8 13.2

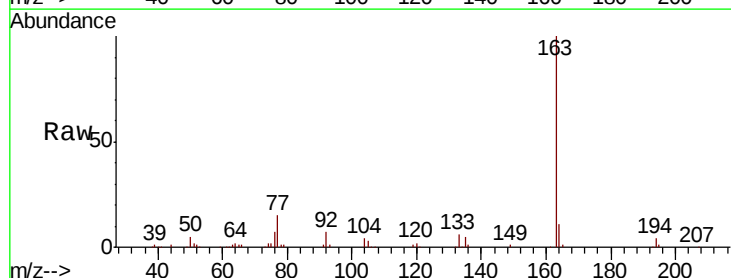


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

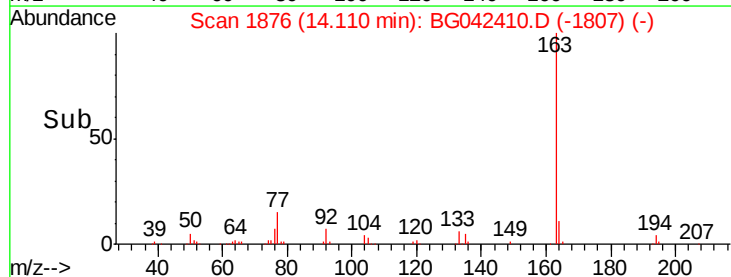
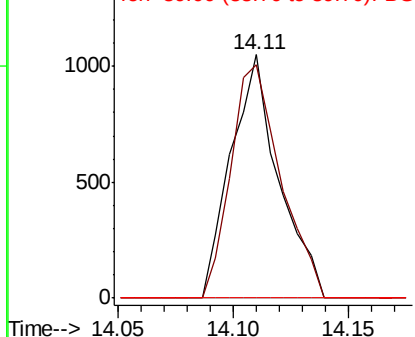


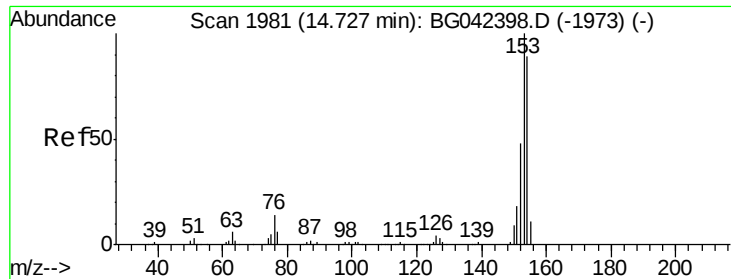
#51
2,6-Dinitrotoluene
Concen: 0.526 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.12 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Tgt Ion:165 Resp: 1506
Ion Ratio Lower Upper
165 100
63 95.9 30.6 45.8#
89 0.0 32.6 49.0#



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





#52

Acenaphthene

Concen: 0.063 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.06 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

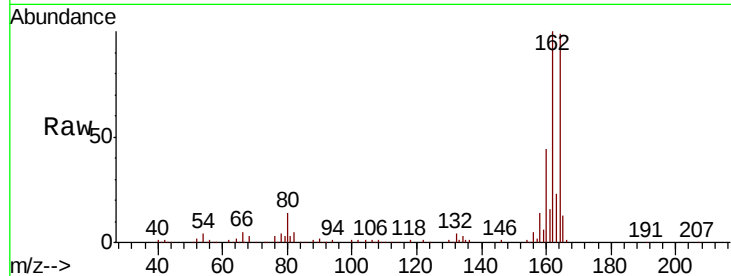
Tot Ion:154 Resp: 547

Ion Ratio Lower Upper

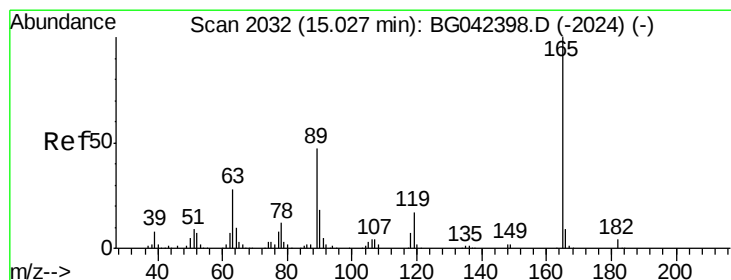
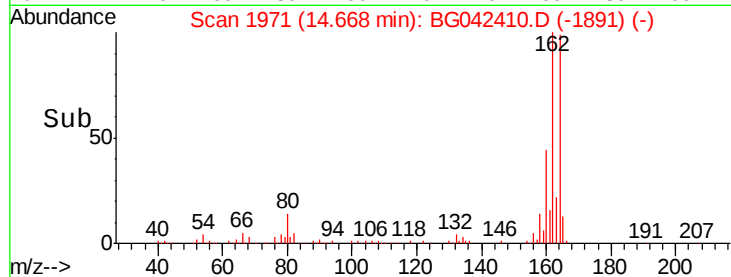
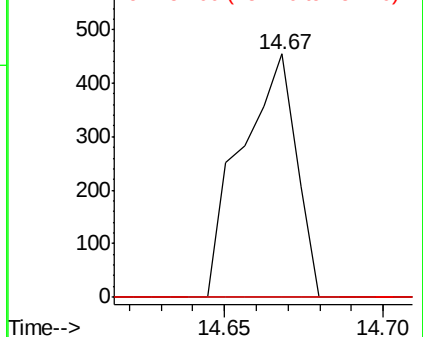
154 100

153 0.0 90.2 135.4#

152 0.0 43.2 64.8#



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: 5.519 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.36 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Tgt Ion:165 Resp: 22620

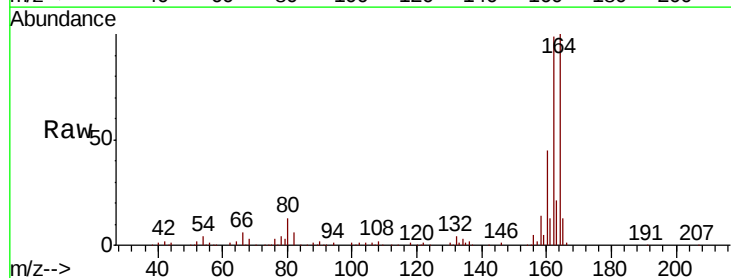
Ion Ratio Lower Upper

165 100

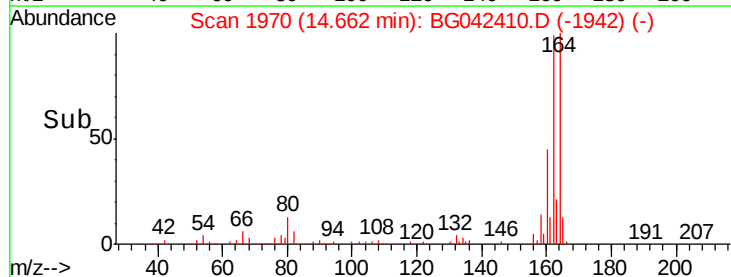
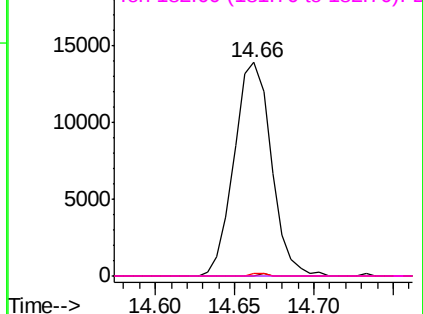
63 0.0 22.5 33.7#

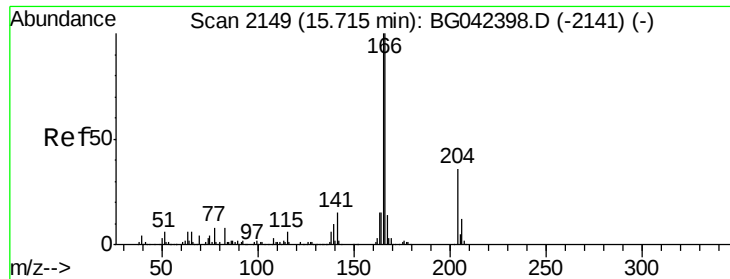
89 1.4 37.8 56.6#

182 0.0 3.0 4.4#



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





#58

Fluorene

Concen: 0.158 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.44 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

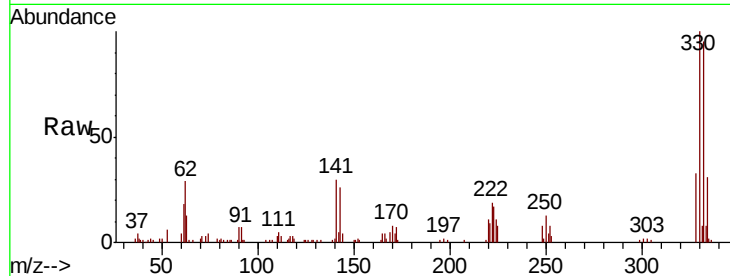
Tot Ion:166 Resp: 1860

Ion Ratio Lower Upper

166 100

165 85.6 79.7 119.5

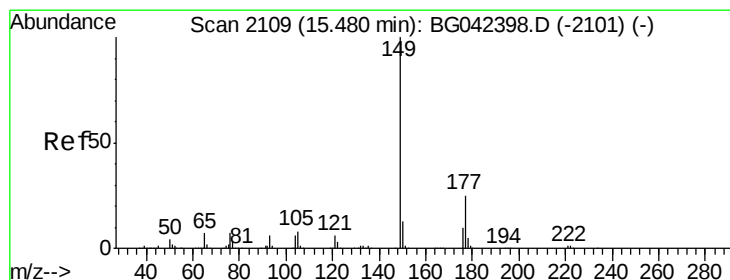
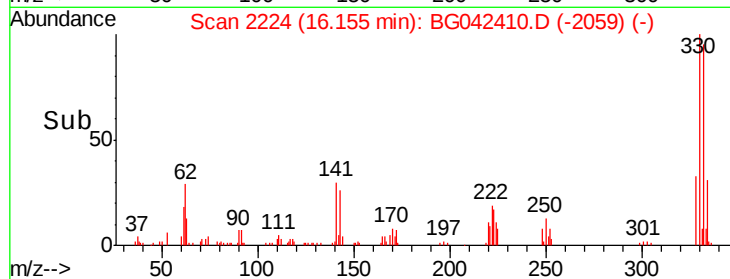
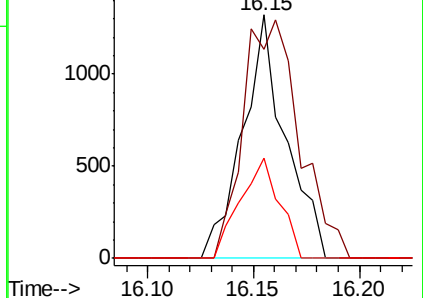
167 41.2 10.9 16.3#



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: 0.104 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

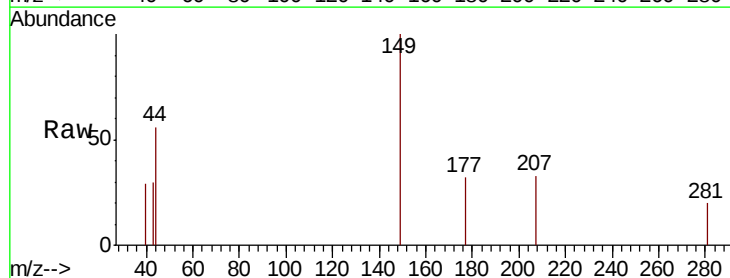
Tgt Ion:149 Resp: 1256

Ion Ratio Lower Upper

149 100

177 32.1 20.4 30.6#

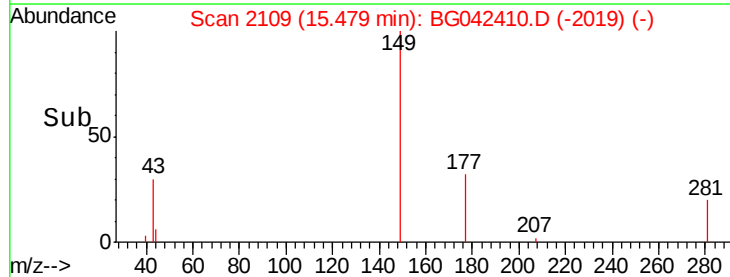
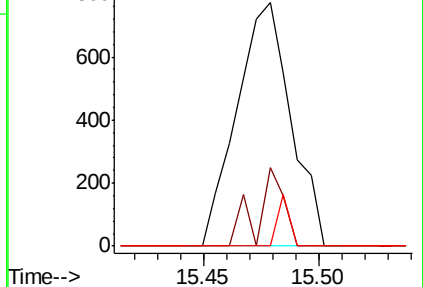
150 0.0 10.3 15.5#

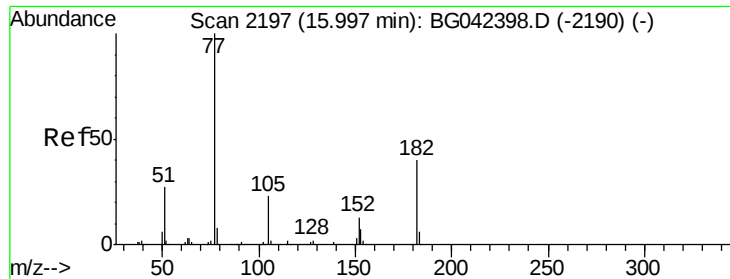


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

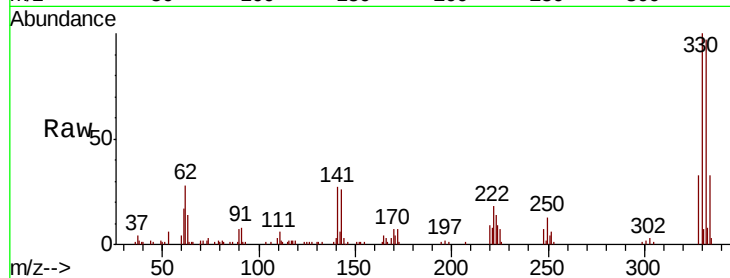




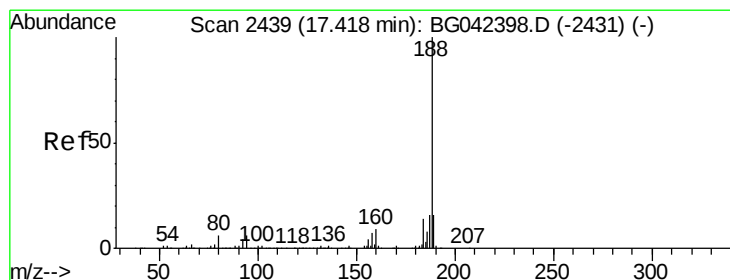
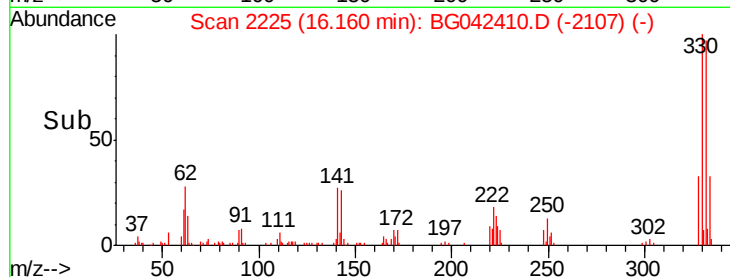
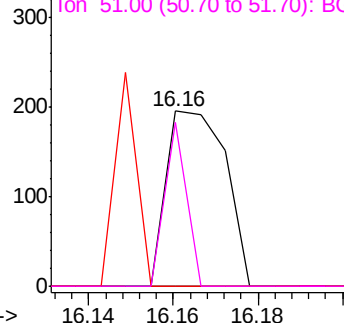
#63
Azobenzene
Concen: 0.023 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.16 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	189
Ion	Ratio	Lower	Upper
77	100		
182	0.0	19.9	59.9#
105	0.0	2.9	42.9#
51	93.8	7.6	47.6#

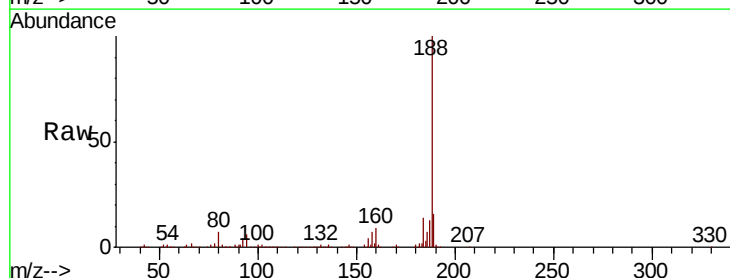


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

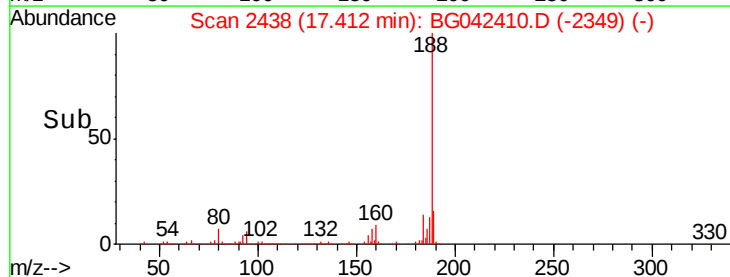
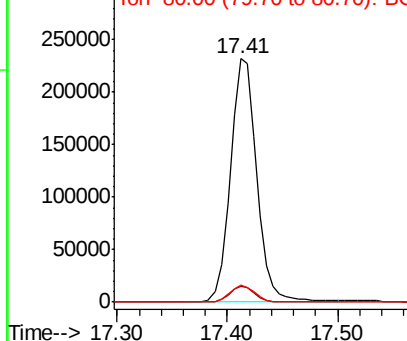


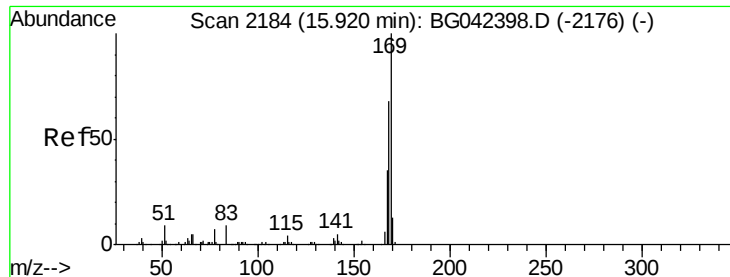
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Tgt Ion:	188	Resp:	387345
Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.5	6.7
80	7.0	4.9	7.3



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

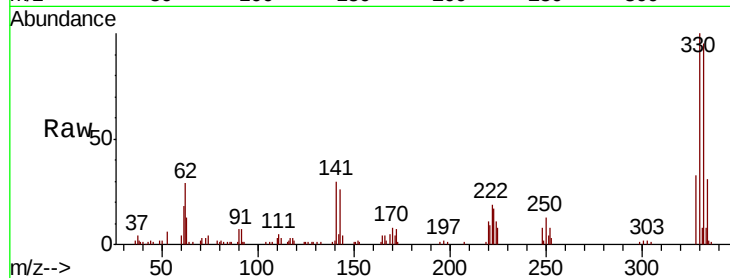




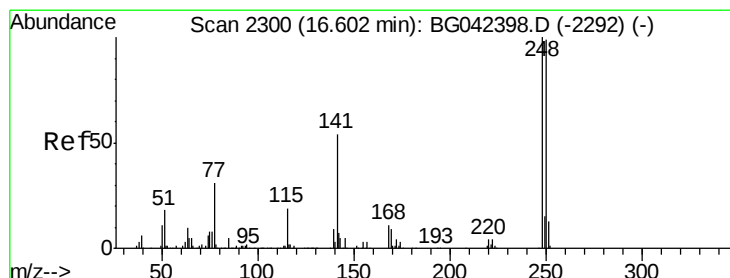
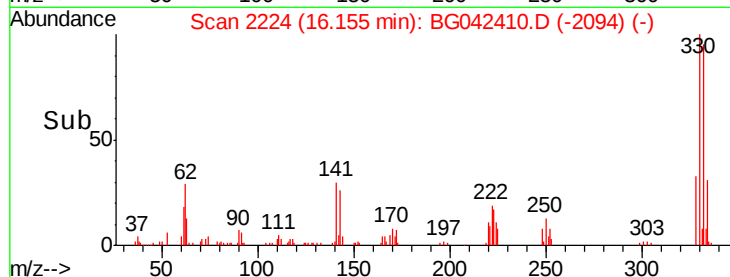
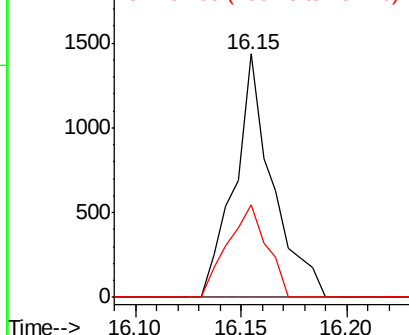
#66
n-Nitrosodiphenylamine
Concen: 0.167 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.23 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 1780
Ion Ratio Lower Upper
169 100
168 0.0 54.3 81.5#
167 38.0 28.2 42.2

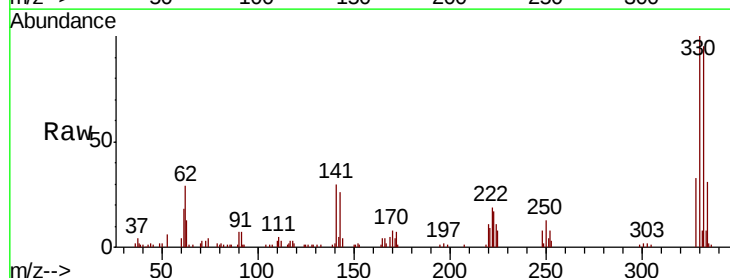


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

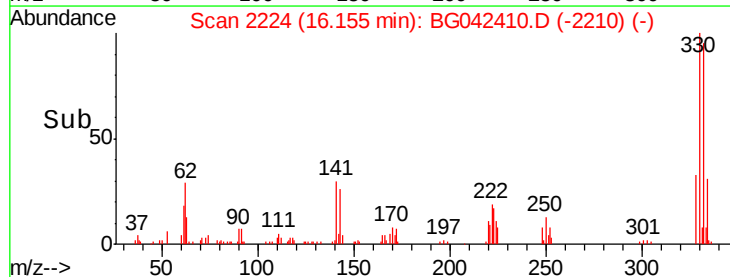
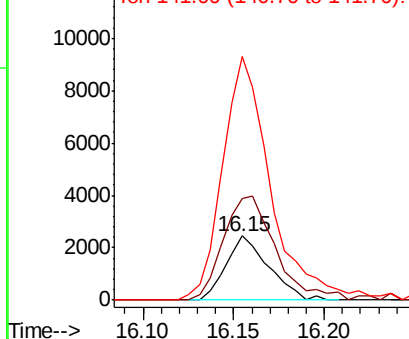


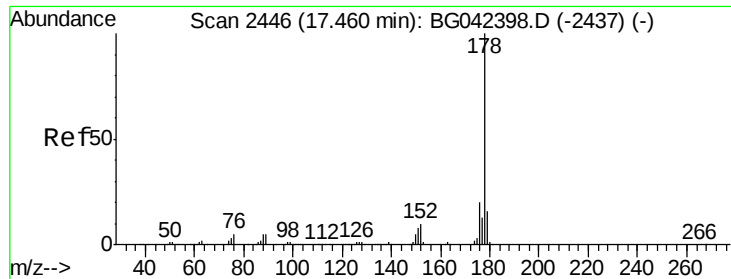
#67
4-Bromophenyl-phenylether
Concen: 0.813 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Tgt Ion:248 Resp: 3995
Ion Ratio Lower Upper
248 100
250 159.4 78.9 118.3#
141 381.3 43.3 64.9#



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: 0.006 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

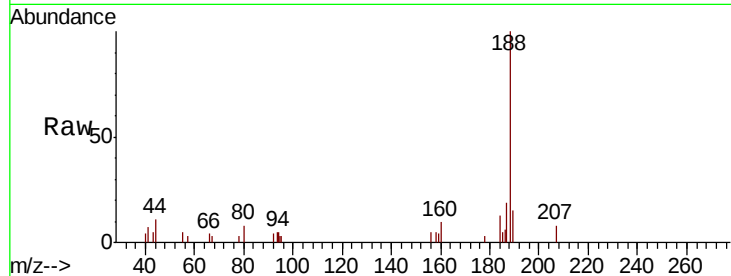
Tot Ion:178 Resp: 109

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

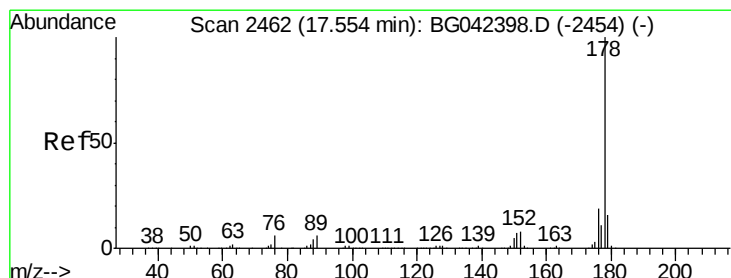
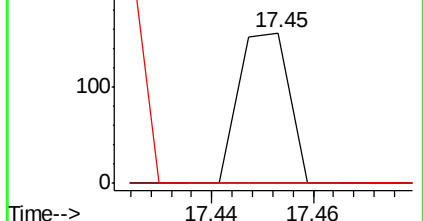
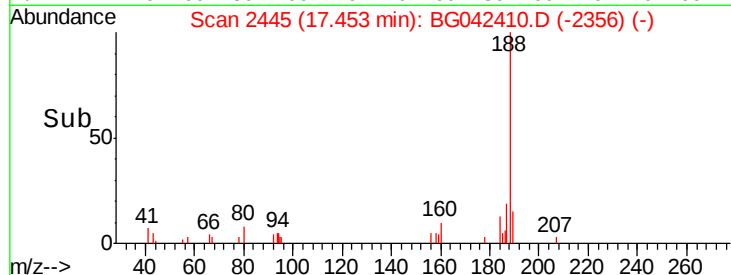
179 0.0 12.7 19.1#



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: 0.006 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.10 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

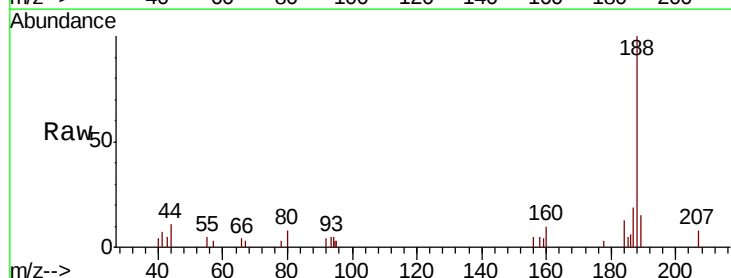
Tgt Ion:178 Resp: 109

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

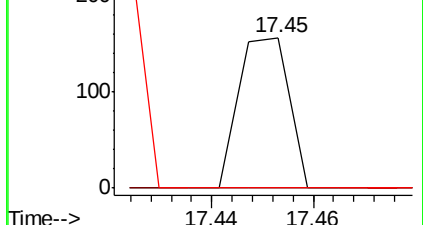
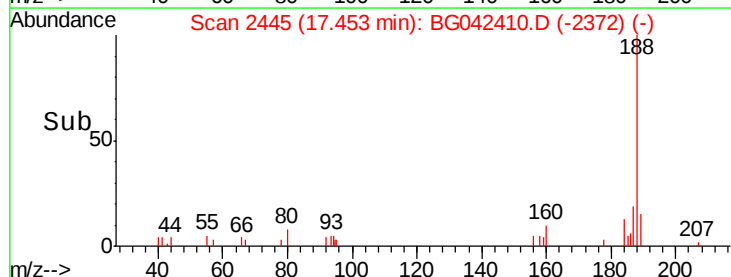
179 0.0 12.9 19.3#

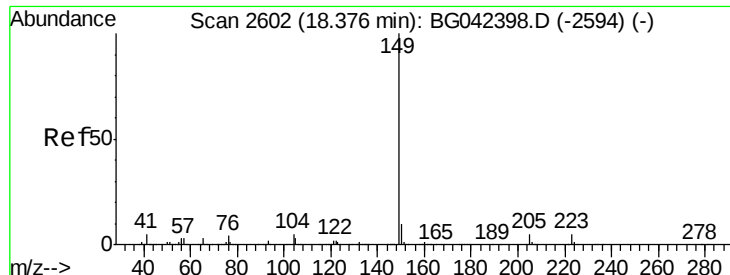


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.067 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

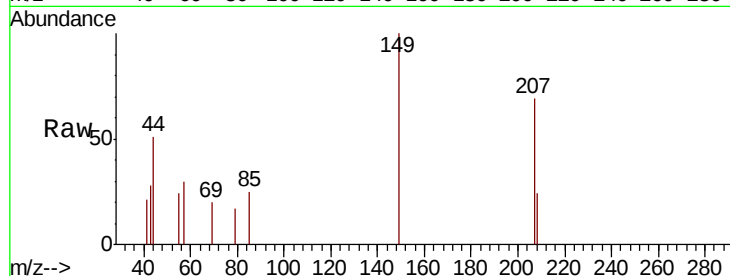
Tot Ion:149 Resp: 1365

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

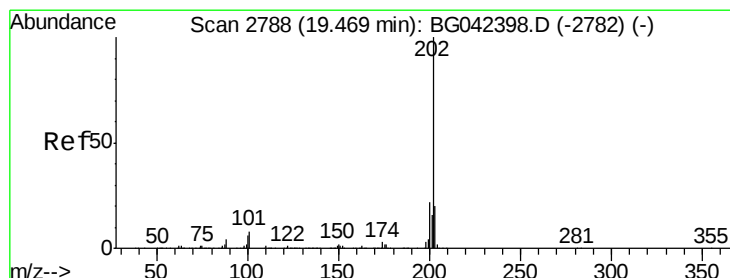
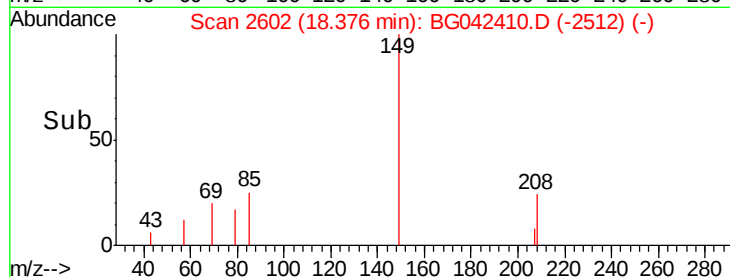
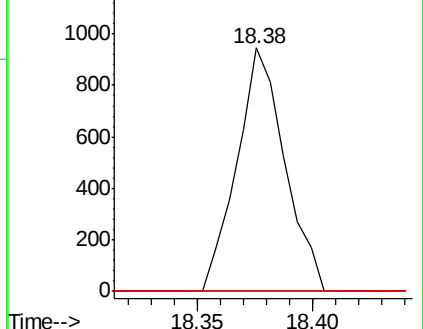
104 0.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.013 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

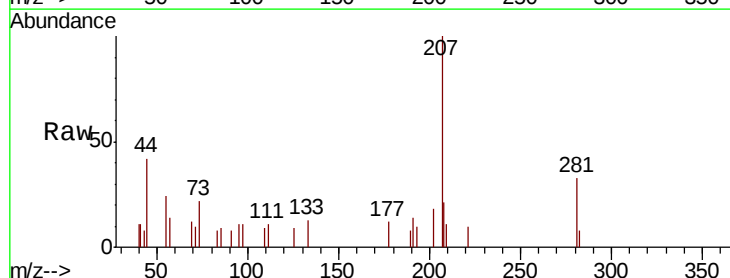
Tgt Ion:202 Resp: 301

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.3

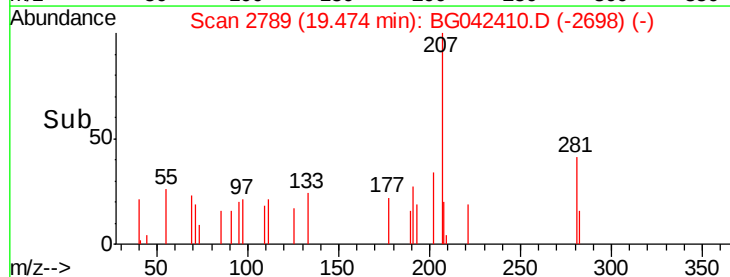
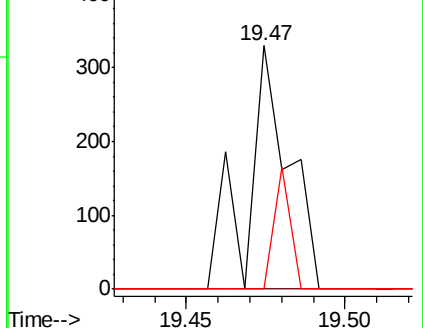
203 0.0 0.0 39.6

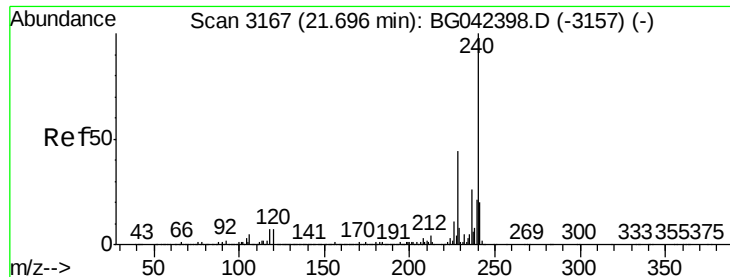


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

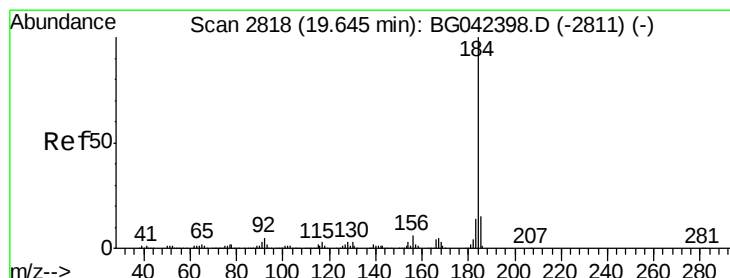
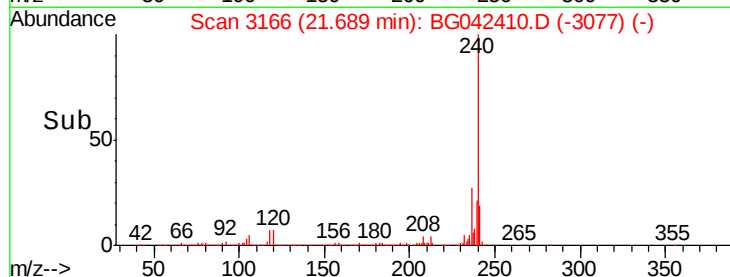
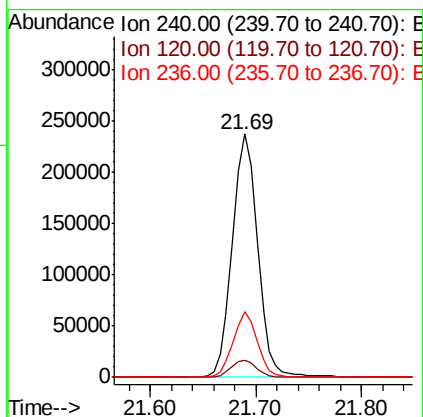
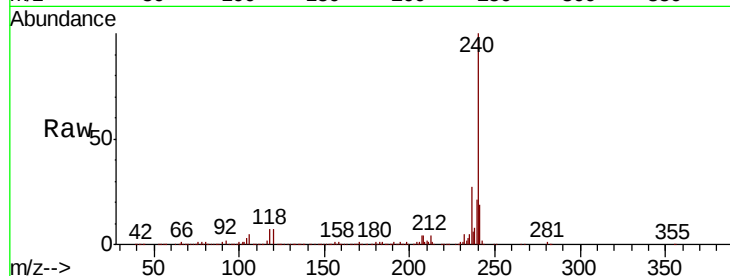




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

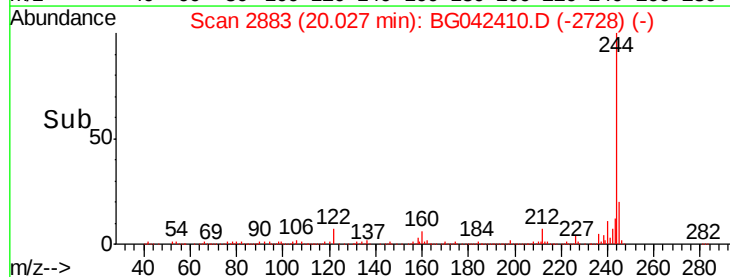
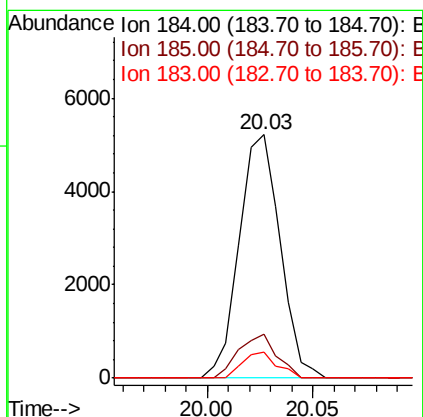
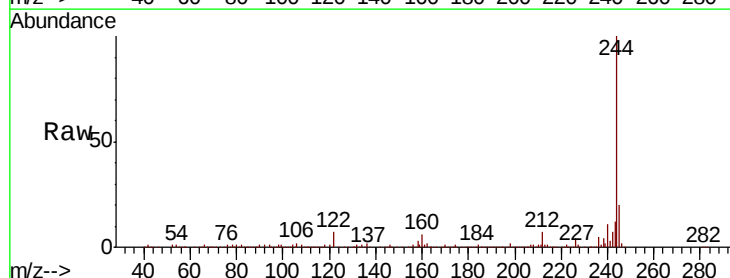
Instrument :
 BNA_G
 ClientSampleId :

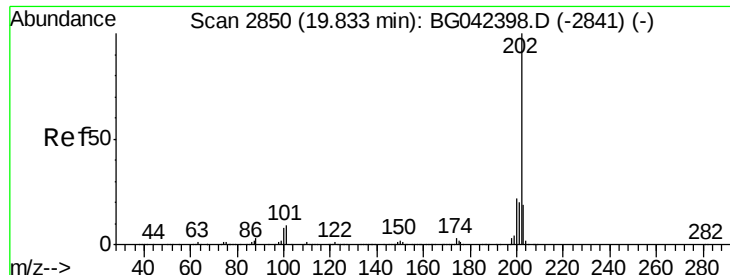
Tot Ion:240 Resp: 394574
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.7 8.5
 236 26.7 21.0 31.4



#77
 Benzidine
 Concen: 0.618 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.38 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

Tgt Ion:184 Resp: 6994
 Ion Ratio Lower Upper
 184 100
 185 18.0 12.2 18.4
 183 10.5 10.8 16.2#





#78

Pvrene

Concen: 0.015 ng

RT: 19.84 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

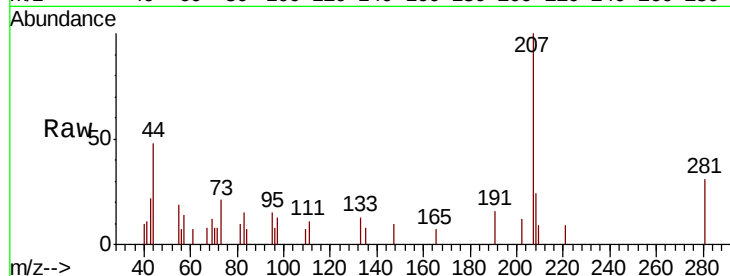
Tot Ion:202 Resp: 354

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.6#

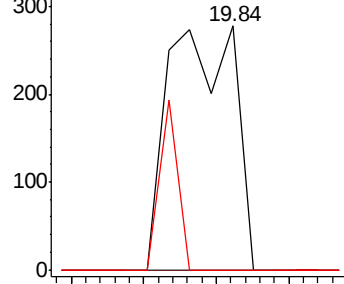
203 0.0 15.5 23.3#



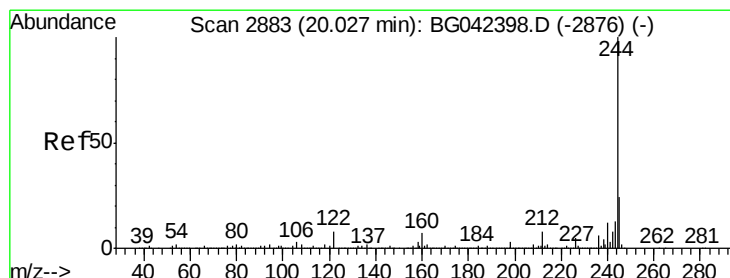
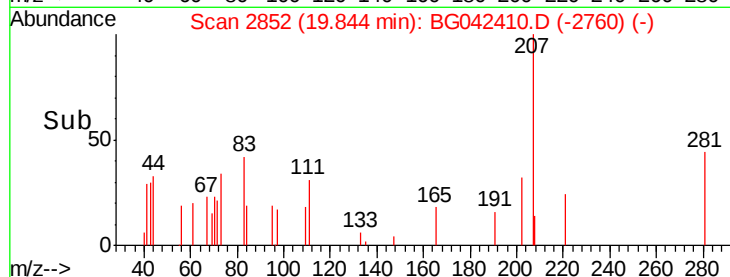
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 32.864 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

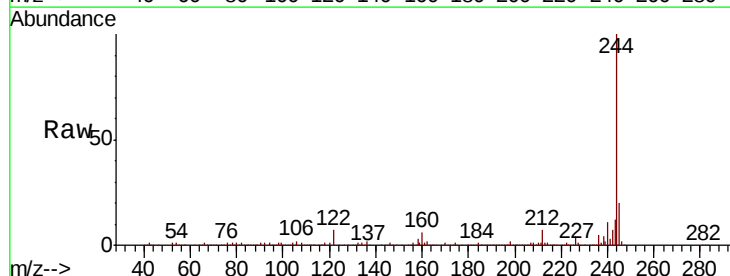
Tgt Ion:244 Resp: 599811

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

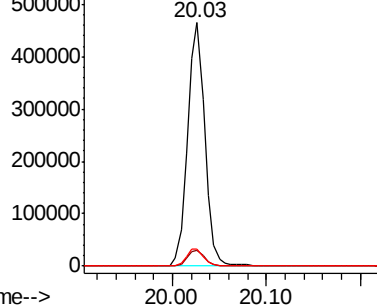
122 6.9 6.7 10.1



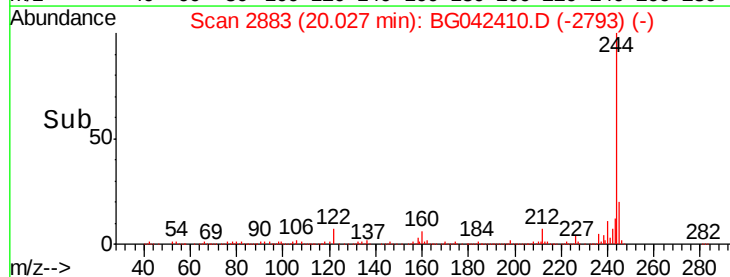
Abundance Ion 244.00 (243.70 to 244.70): E

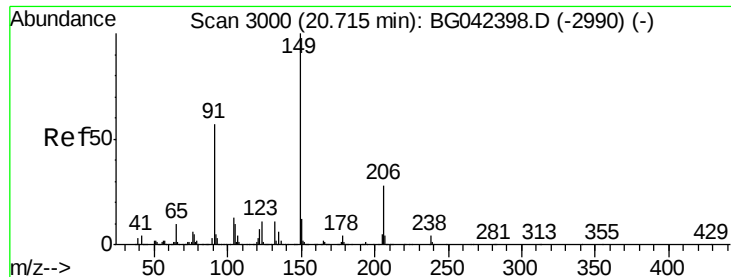
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

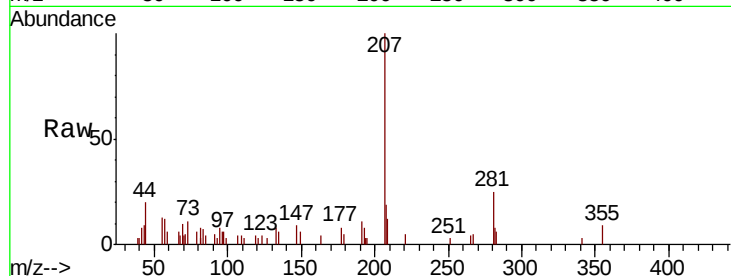




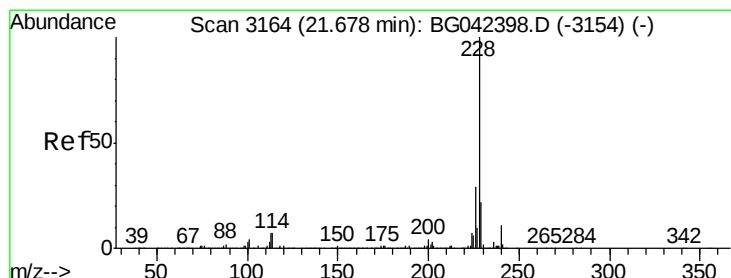
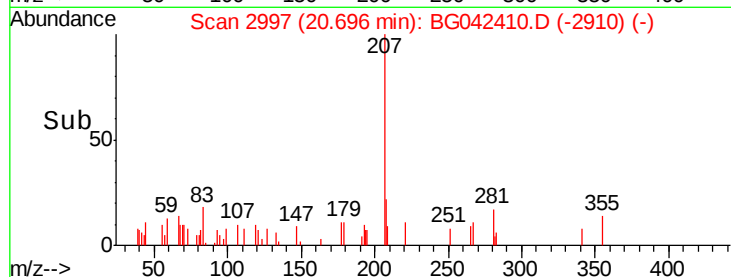
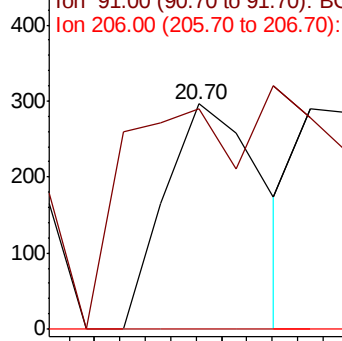
#80
Butylbenzylphthalate
Concen: 0.033 ng
RT: 20.70 min Scan# 2997
Delta R.T. -0.02 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 315
Ion Ratio Lower Upper
149 100
91 97.6 45.9 68.9#
206 0.0 22.5 33.7#

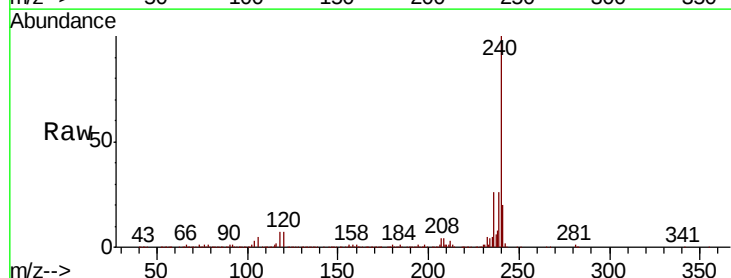


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

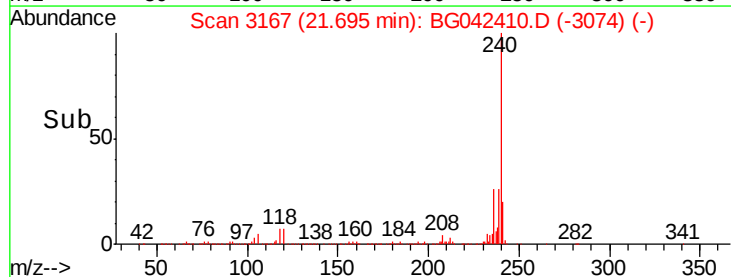
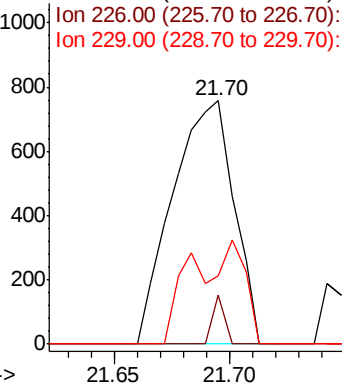


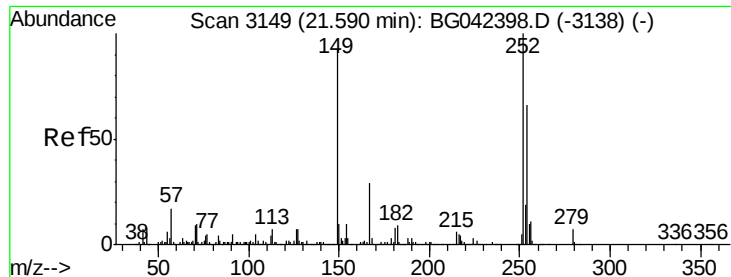
#81
Benzo(a)anthracene
Concen: 0.058 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.02 min
Lab File: BG042410.D
Acq: 22 Aug 2019 20:54

Tgt Ion:228 Resp: 1397
Ion Ratio Lower Upper
228 100
226 20.3 23.4 35.2#
229 28.2 17.4 26.2#



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

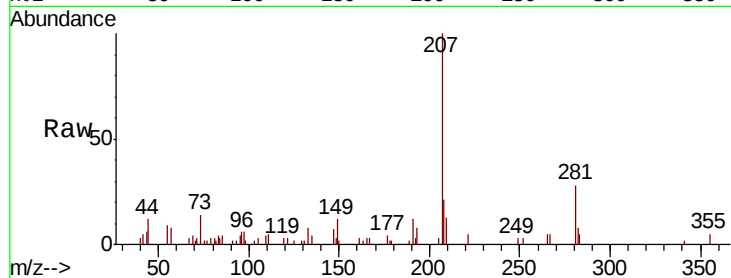




#82
 3,3'-Dichlorobenzidine
 Concen: 0.009 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	53.0	79.4#
126	0.0	5.7	8.5#

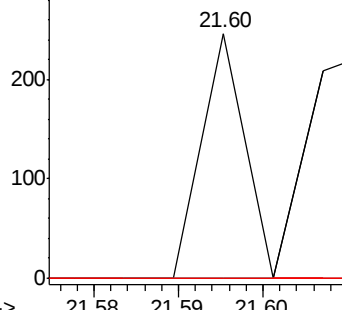


Abundance

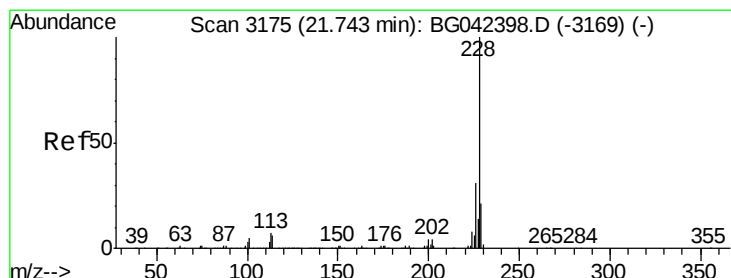
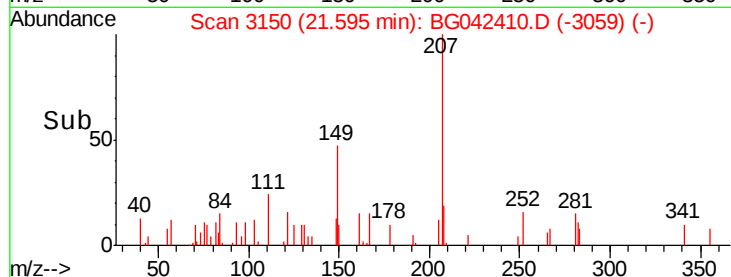
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

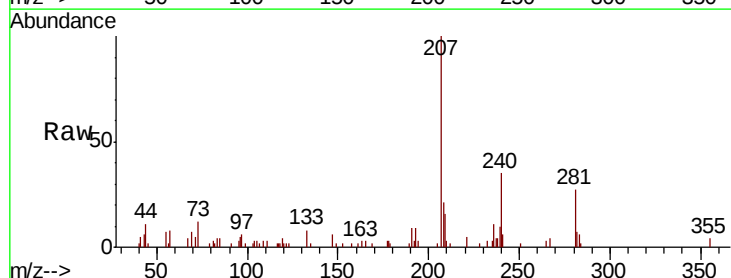


Time-->



#83
 Chrysene
 Concen: 0.008 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	16.9	25.3#

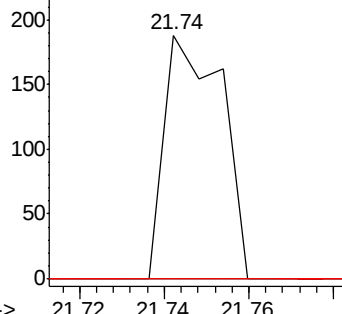


Abundance

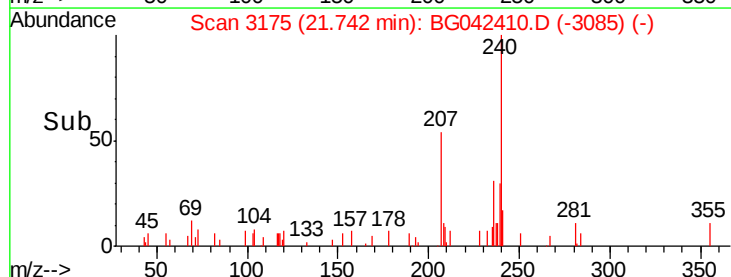
Ion 228.00 (227.70 to 228.70): E

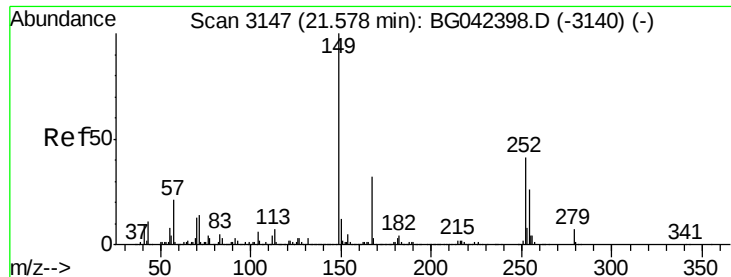
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

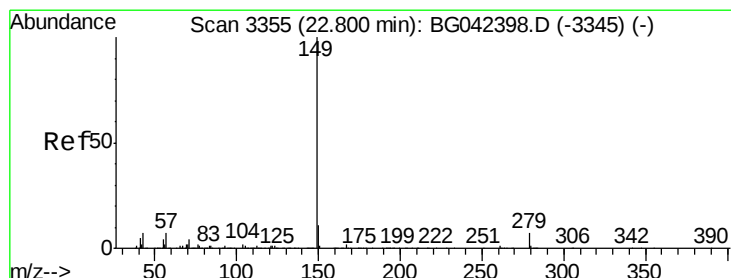
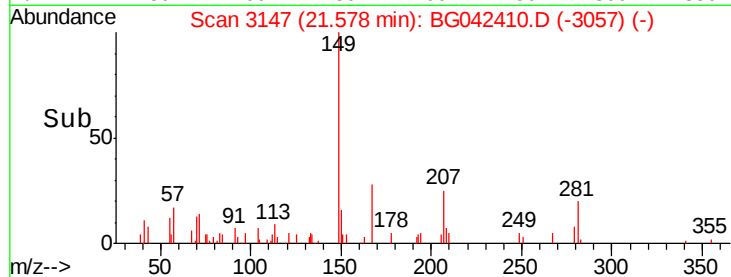
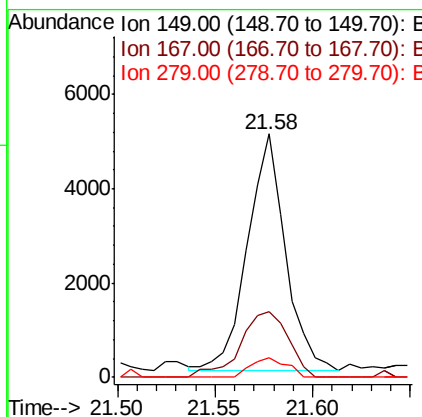
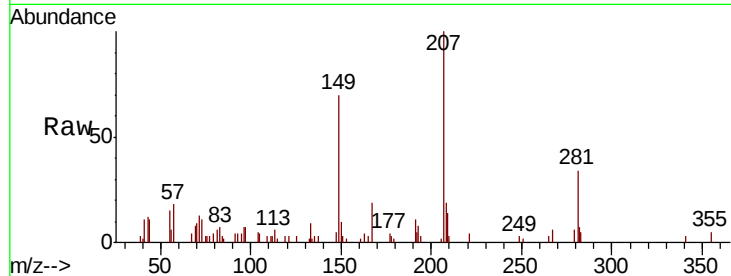




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.507 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

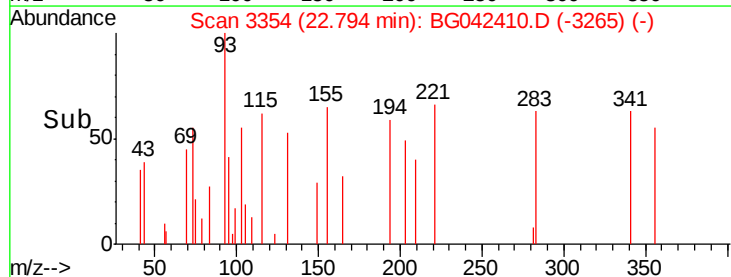
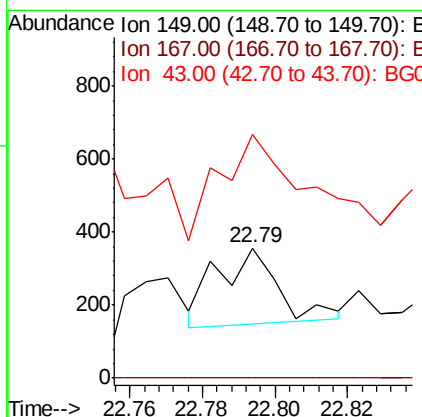
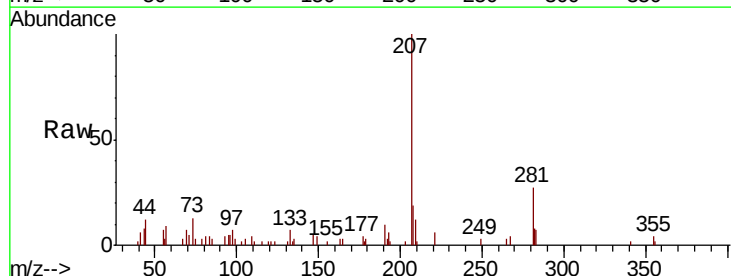
Instrument :
 BNA_G
 ClientSampleId :

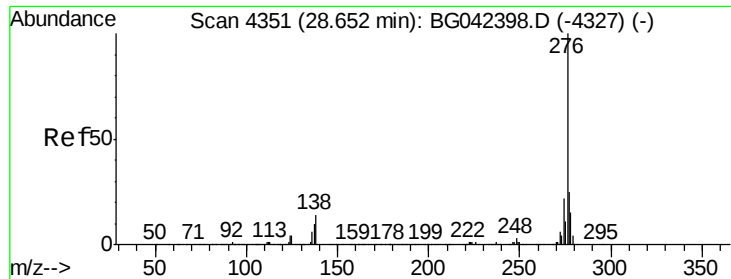
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	26.0	39.0
279	8.1	5.4	8.0#



#85
 Di-n-octyl phthalate
 Concen: 0.011 ng
 RT: 22.79 min Scan# 3354
 Delta R.T. -0.01 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.6	2.4#
43	0.0	5.3	7.9#

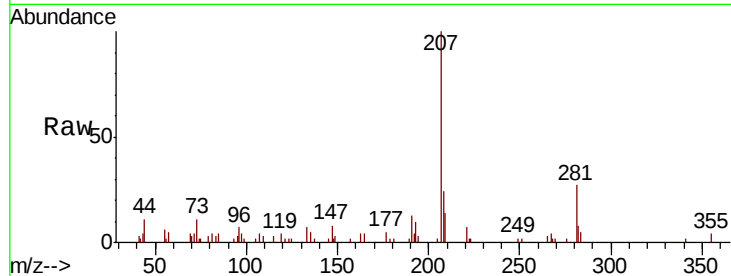




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.002 ng
 RT: 28.66 min Scan# 4352
 Delta R.T. 0.01 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	9.2	13.8#
277	0.0	21.0	31.6#



Abundance

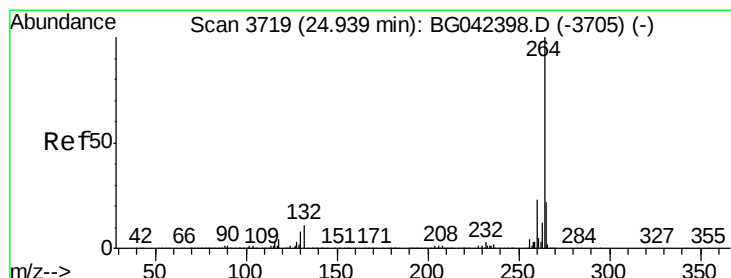
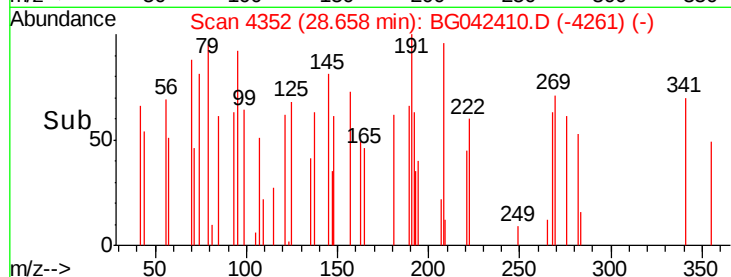
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

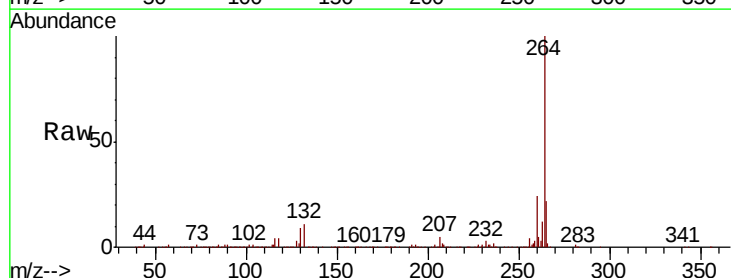
28.66

Time-->



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042410.D
 Acq: 22 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.2	17.6	26.4



Abundance

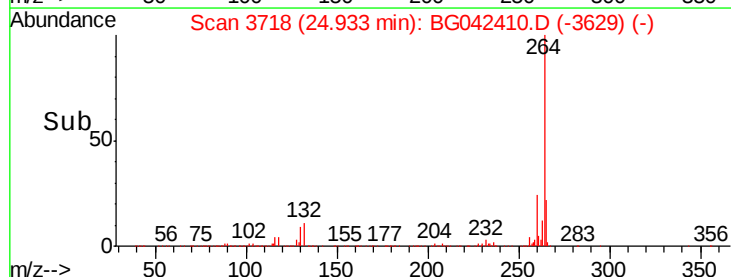
Ion 264.00 (263.70 to 264.70): E

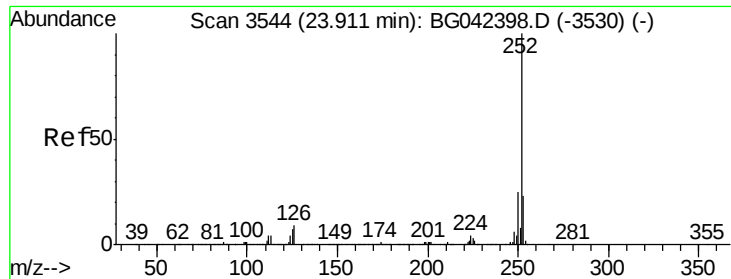
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.93

Time-->





#88

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampled :

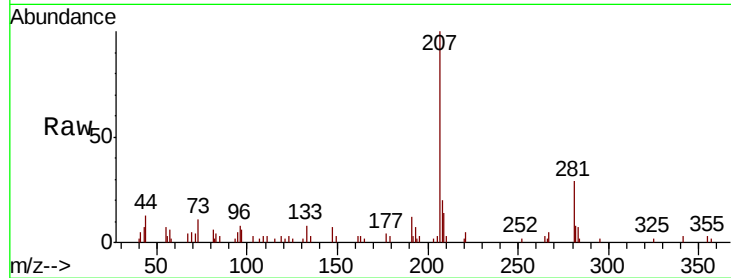
Tot Ion:252 Resp: 117

Ion Ratio Lower Upper

252 100

253 0.0 18.6 27.8#

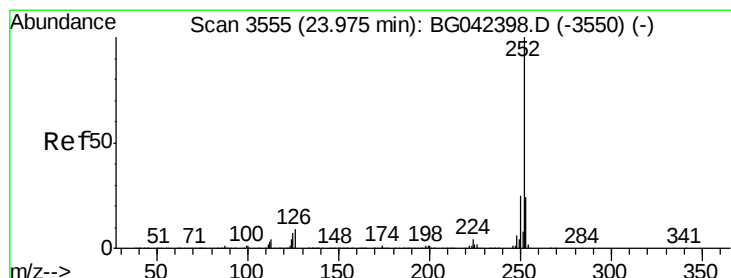
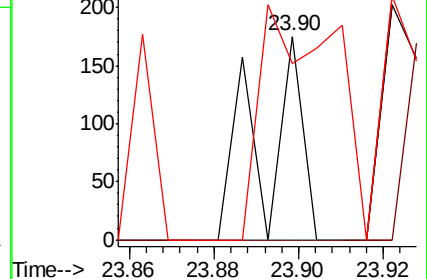
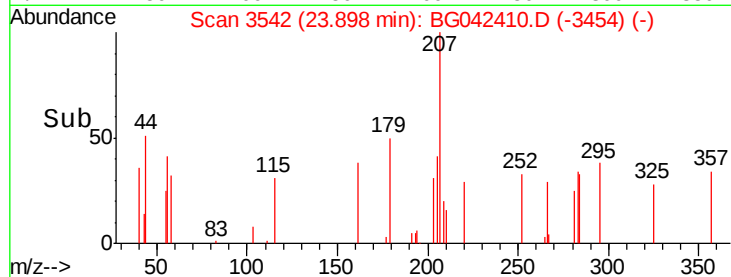
125 86.9 5.6 8.4#



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: 0.003 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.02 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

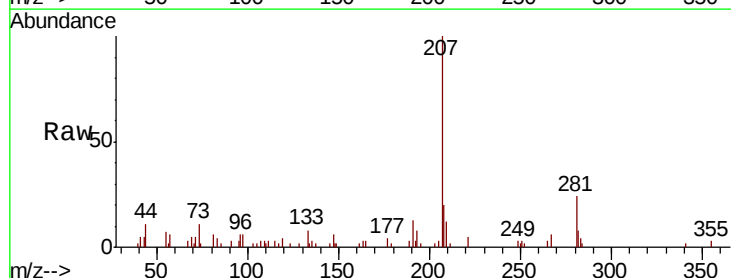
Tgt Ion:252 Resp: 75

Ion Ratio Lower Upper

252 100

253 0.0 18.6 27.8#

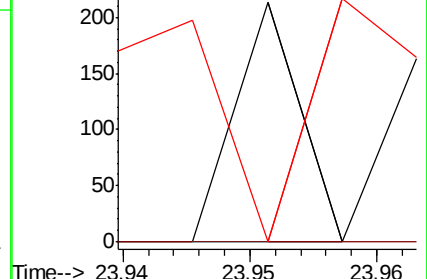
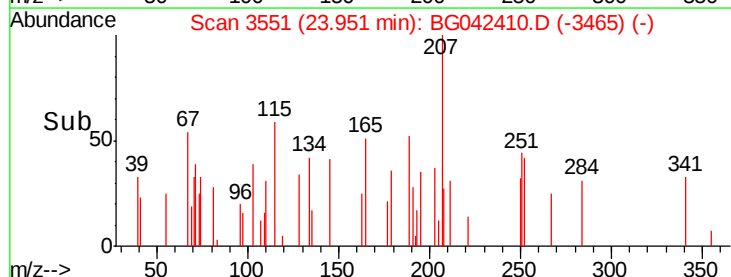
125 0.0 5.8 8.6#

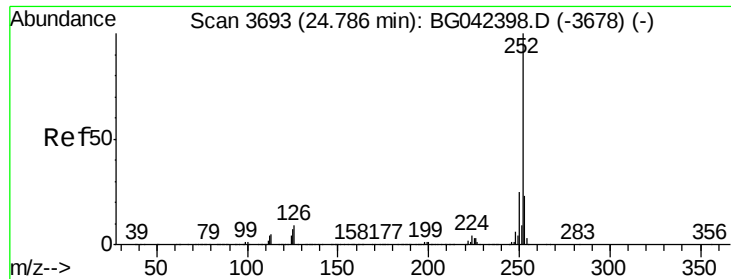


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG042410.D

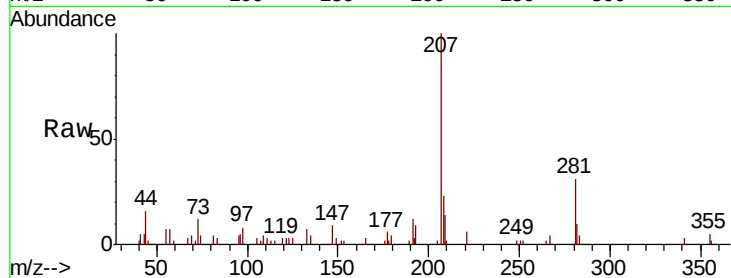
Acq: 22 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	61
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.4	27.6#
125	120.1	6.0	9.0#

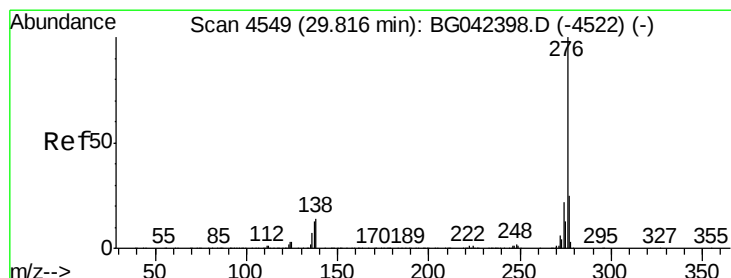
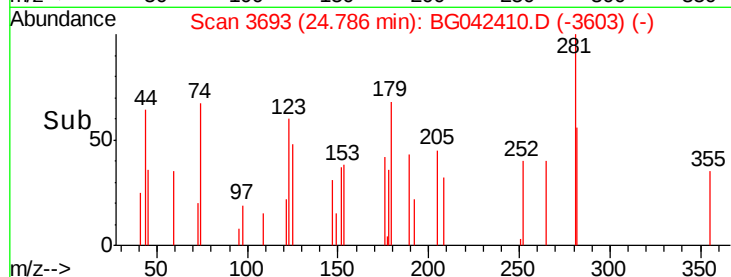
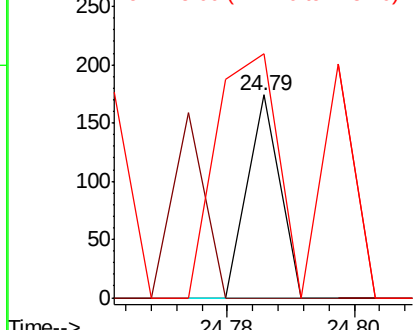


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 0.005 ng

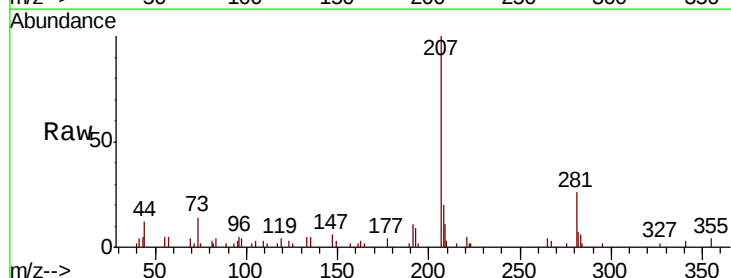
RT: 29.84 min Scan# 4553

Delta R.T. 0.02 min

Lab File: BG042410.D

Acq: 22 Aug 2019 20:54

Tgt Ion:	276	Resp:	119
Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.8	29.8#
138	0.0	11.4	17.0#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

