

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042340.D
 Acq On : 19 Aug 2019 23:43
 Operator : HP/JU
 Sample : K4332-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 04:26:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60598	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	241390	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	179372	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	403244	20.00	ng	0.00
76) Chrysene-d12	21.69	240	421030	20.00	ng	0.00
87) Perylene-d12	24.93	264	501279	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	348306	116.46	ng	0.00
7) Phenol-d6	7.17	99	489893	120.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	265299	77.30	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	258892	105.97	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	809580	76.37	ng	0.00
79) Terphenyl-d14	20.03	244	1364933	71.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	190	0.147	ng	# 22
4) n-Nitrosodimethylamine	3.73	42	579	0.509	ng	# 1
6) Aniline	7.54	93	491	0.092	ng	# 1
8) 2-Chlorophenol	7.58	128	54	0.015	ng	# 1
9) Benzaldehyde	7.17	77	610	0.267	ng	# 1
10) Phenol	7.20	94	5246	1.270	ng	# 65
11) bis(2-Chloroethyl)ether	7.54	93	491	0.151	ng	# 1
15) Benzyl Alcohol	8.33	79	4216	1.509	ng	# 42
19) n-Nitroso-di-n-propylamine	9.17	70	34357	13.150	ng	# 74
24) Nitrobenzene	9.17	77	765	0.219	ng	# 33
25) Isophorone	9.47	82	204	0.030	ng	# 59
46) 1,1'-Biphenyl	13.50	154	909	0.078	ng	# 66
48) 2-Nitroaniline	14.10	65	863	0.366	ng	# 1
50) Dimethylphthalate	14.11	163	153853	12.071	ng	# 99
51) 2,6-Dinitrotoluene	14.11	165	1562	0.524	ng	# 14
52) Acenaphthene	14.66	154	637	0.070	ng	# 5
57) 2,4-Dinitrotoluene	14.66	165	23677	5.677	ng	# 38
58) Fluorene	16.15	166	9723	0.802	ng	# 90
63) Azobenzene	16.15	77	917	0.107	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.15	198	441	0.179	ng	# 1
66) n-Nitrosodiphenylamine	16.15	169	7563	0.670	ng	# 49
67) 4-Bromophenyl-phenylether	16.16	248	17294	3.370	ng	# 1
71) Phenanthrene	17.46	178	184	0.009	ng	# 58
72) Anthracene	17.46	178	184	0.009	ng	# 59
74) Di-n-butylphthalate	18.38	149	1256	0.061	ng	# 85
75) Fluoranthene	19.47	202	720	0.030	ng	# 58
77) Benzidine	20.03	184	17304	1.550	ng	# 87
78) Pyrene	19.83	202	991	0.038	ng	# 77
80) Butylbenzylphthalate	20.71	149	79	0.008	ng	# 29
81) Benzo(a)anthracene	21.68	228	2050	0.079	ng	# 67
83) Chrysene	21.74	228	890	0.036	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.58	149	1645	0.115	ng	# 86
85) Di-n-octyl phthalate	22.79	149	137	0.006	ng	# 83
86) Indeno(1,2,3-cd)pyrene	28.63	276	65	0.002	ng	# 53

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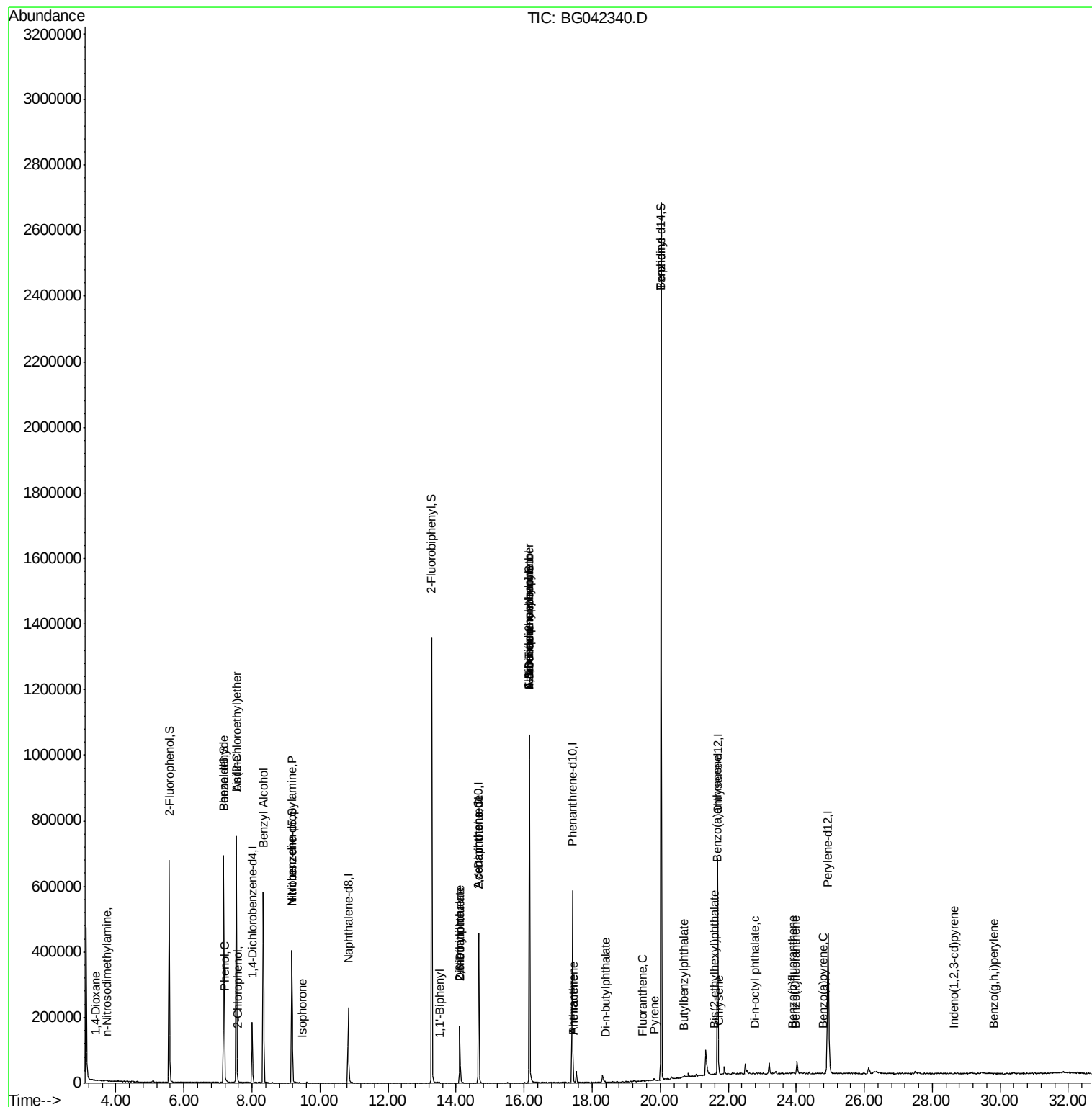
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.92	252	1102	0.040	ng	# 44
89) Benzo(k)fluoranthene	23.97	252	448	0.017	ng	# 29
90) Benzo(a)pyrene	24.78	252	777	0.029	ng	# 60
92) Benzo(g,h,i)perylene	29.79	276	74	0.003	ng	# 55

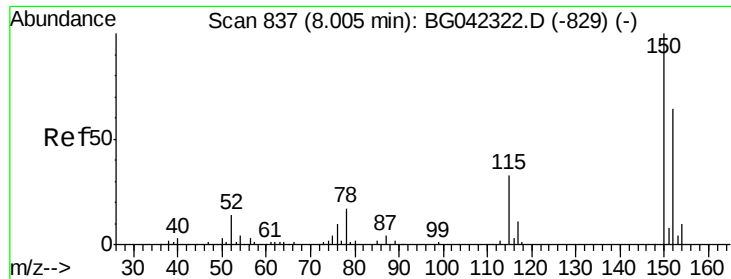
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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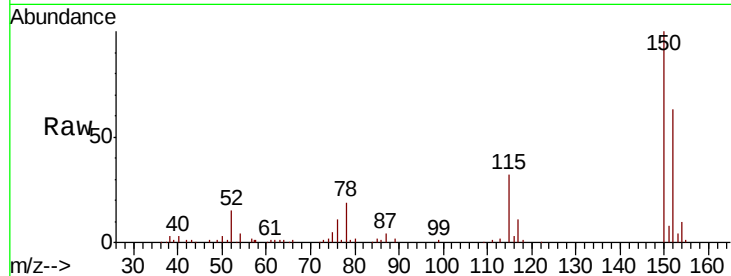


#1

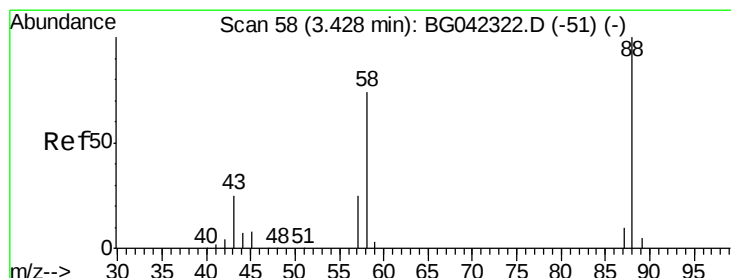
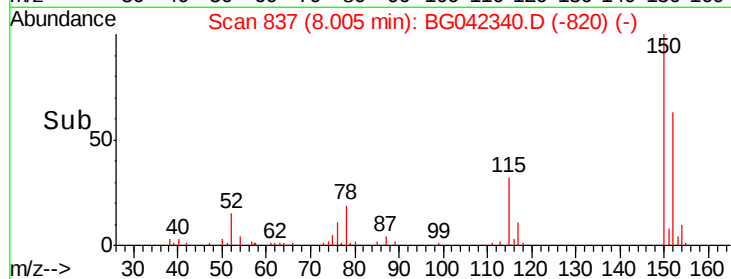
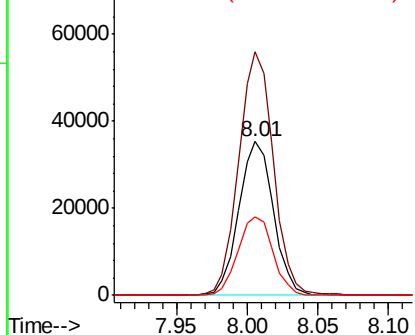
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60598
Ion Ratio Lower Upper
152 100
150 158.5 124.3 186.5
115 51.2 40.5 60.7



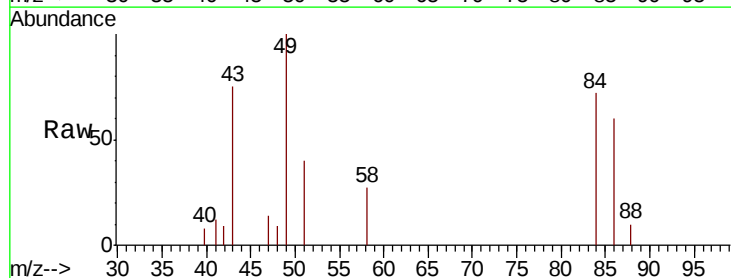
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



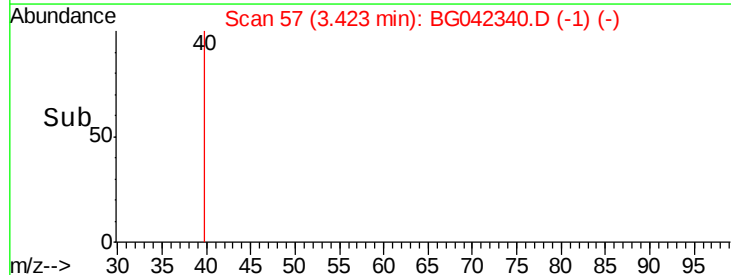
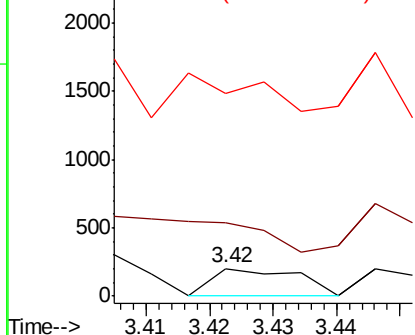
#2

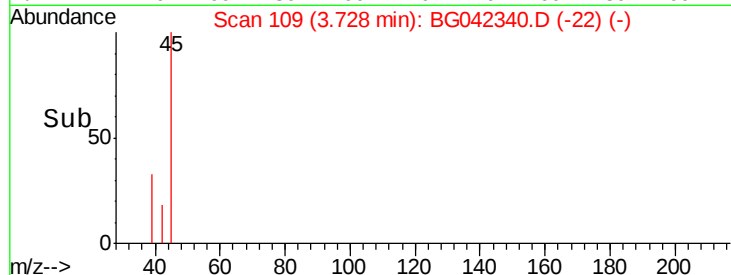
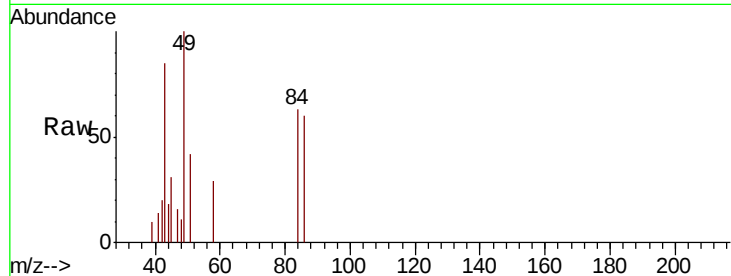
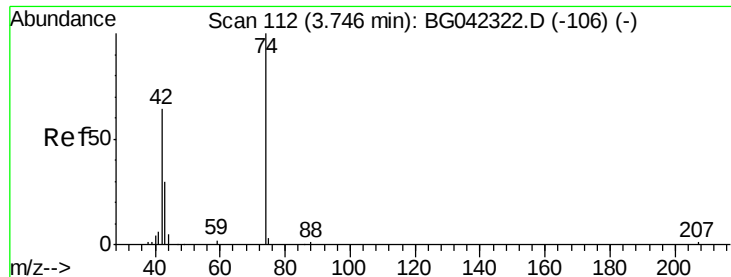
1,4-Dioxane
Concen: 0.147 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Tgt Ion: 88 Resp: 190
Ion Ratio Lower Upper
88 100
58 0.0 58.6 88.0#
43 0.0 19.4 29.0#



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: 0.509 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

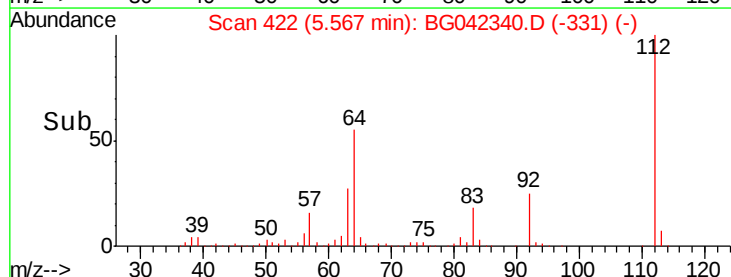
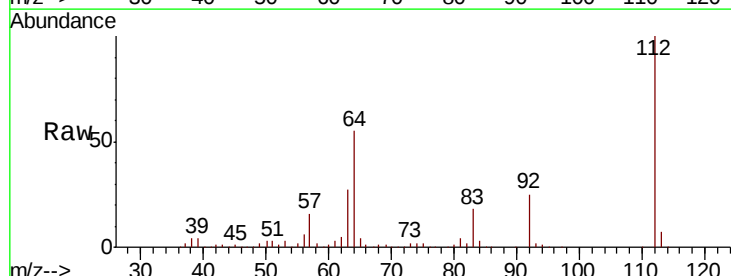
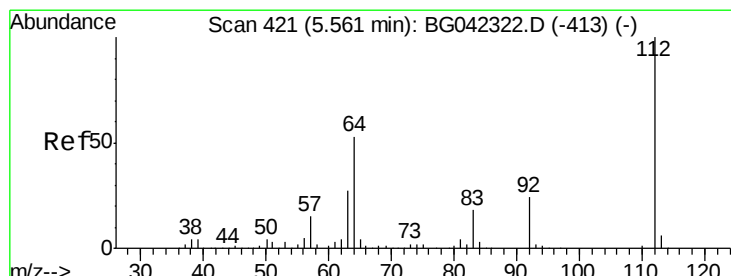
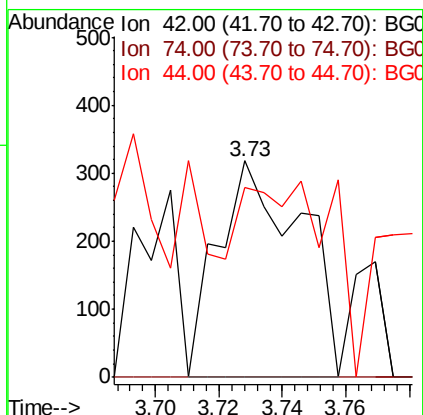
Tot Ion: 42 Resp: 579

Ion Ratio Lower Upper

42 100

74 0.0 124.2 186.2#

44 87.7 6.5 9.7#



#5

2-Fluorophenol

Concen: 116.456 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

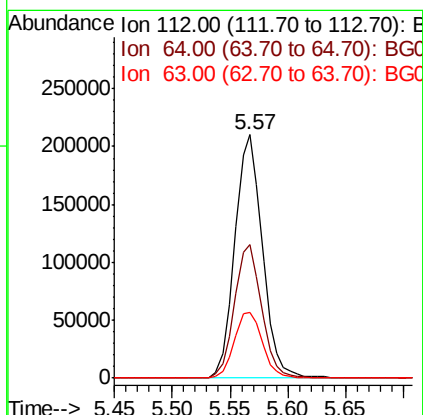
Tgt Ion: 112 Resp: 348306

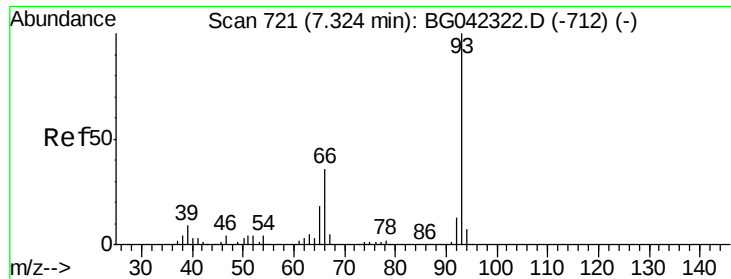
Ion Ratio Lower Upper

112 100

64 54.6 42.5 63.7

63 27.2 21.7 32.5





#6

Aniline

Concen: 0.092 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.22 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

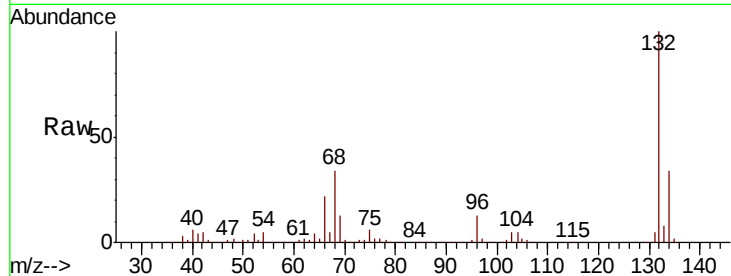
Tot Ion: 93 Resp: 491

Ion Ratio Lower Upper

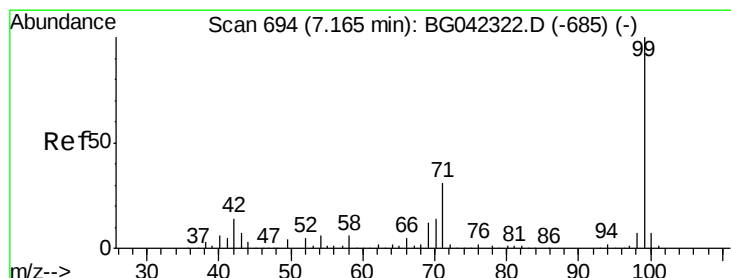
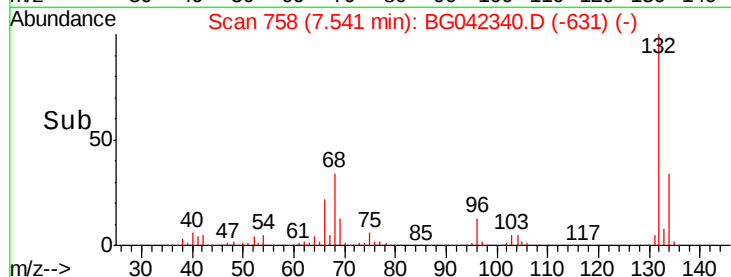
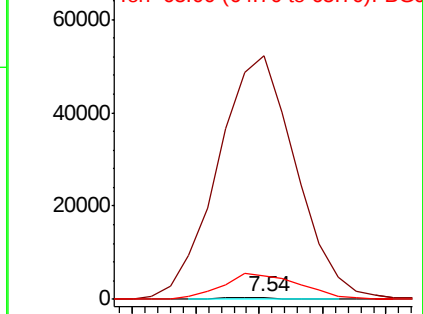
93 100

66 13848.3 29.1 43.7#

65 1330.2 14.7 22.1#



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: 120.605 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

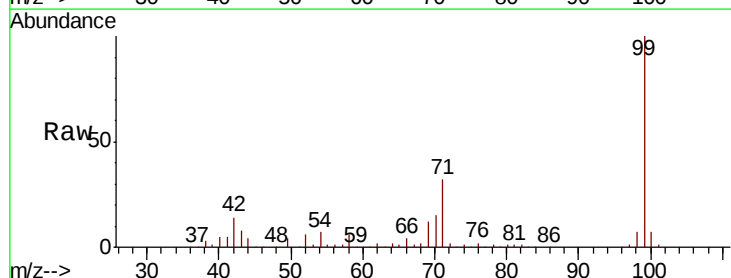
Tgt Ion: 99 Resp: 489893

Ion Ratio Lower Upper

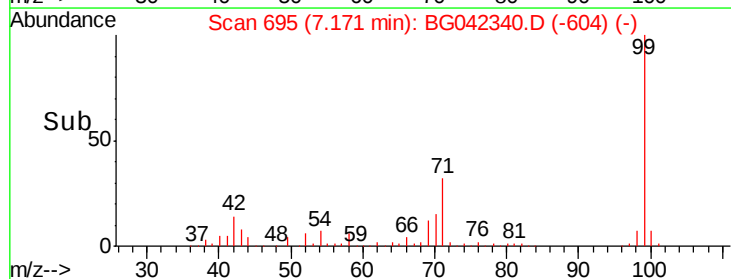
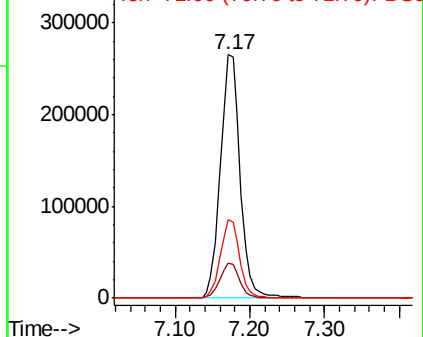
99 100

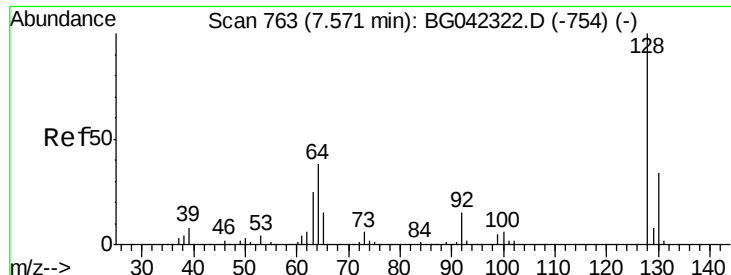
42 14.2 11.4 17.0

71 32.3 25.1 37.7



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





#8

2-Chlorophenol

Concen: 0.015 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

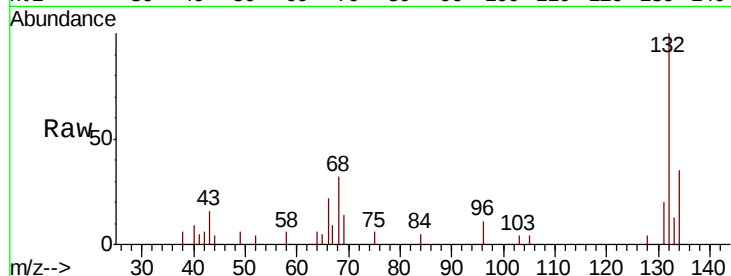
Tot Ion:128 Resp: 54

Ion Ratio Lower Upper

128 100

130 0.0 13.5 53.5#

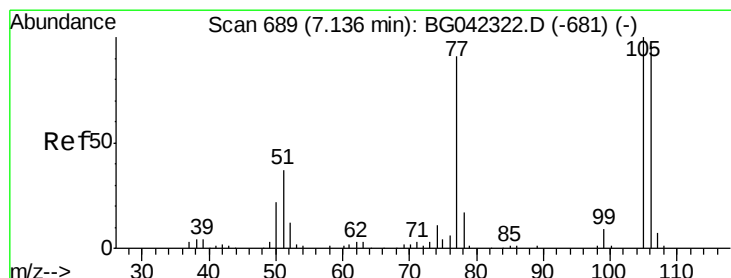
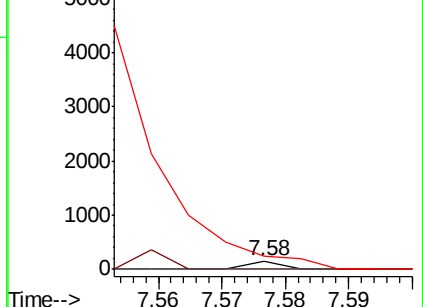
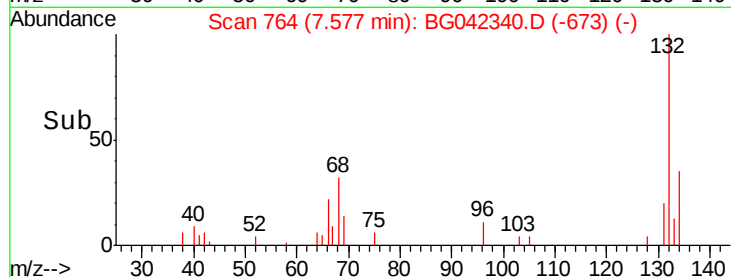
64 153.9 19.8 59.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 0.267 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.04 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

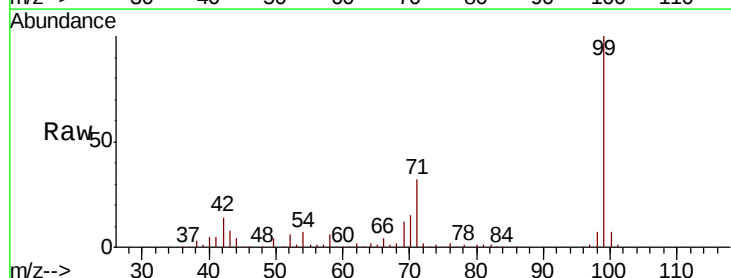
Tgt Ion: 77 Resp: 610

Ion Ratio Lower Upper

77 100

105 0.0 89.8 129.8#

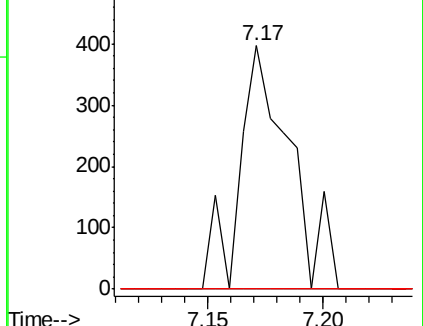
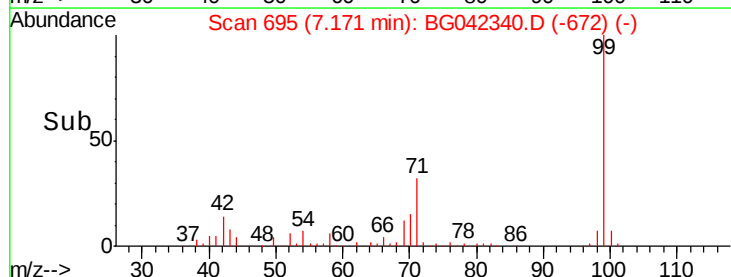
106 0.0 85.1 125.1#

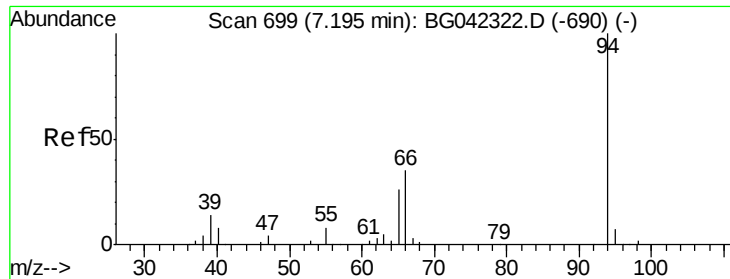


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.270 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

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ClientSampleId :

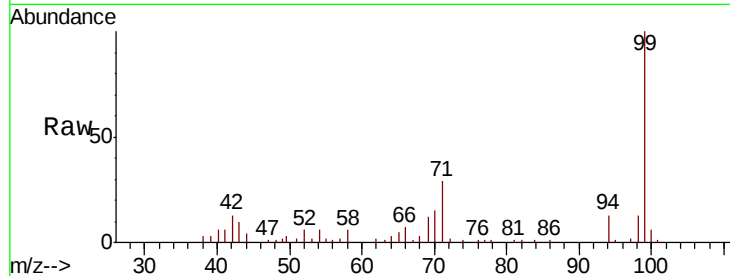
Tot Ion: 94 Resp: 5246

Ion Ratio Lower Upper

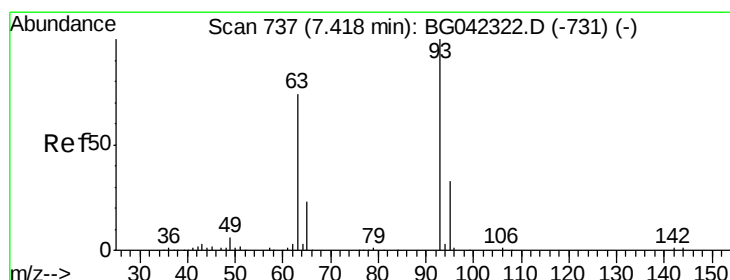
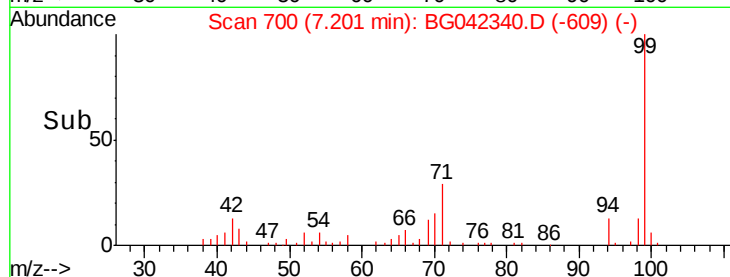
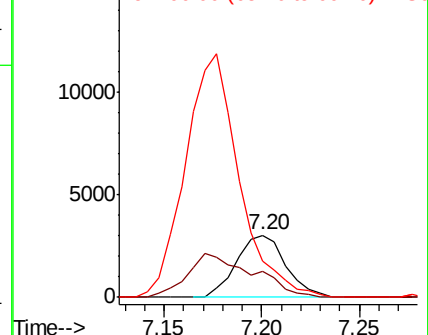
94 100

65 41.2 6.1 46.1

66 58.5 15.7 55.7#



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: 0.151 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.12 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

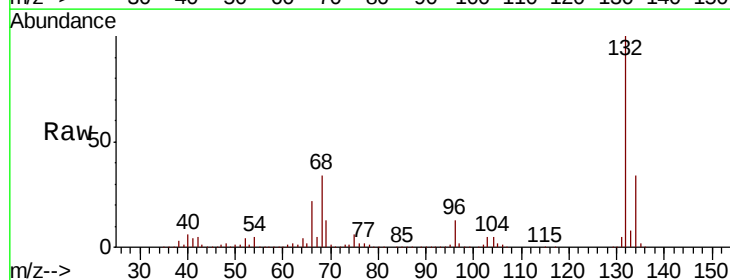
Tgt Ion: 93 Resp: 491

Ion Ratio Lower Upper

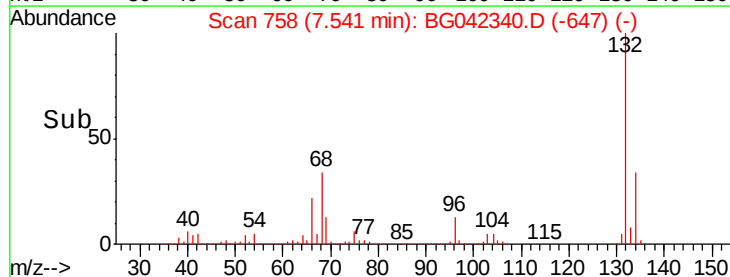
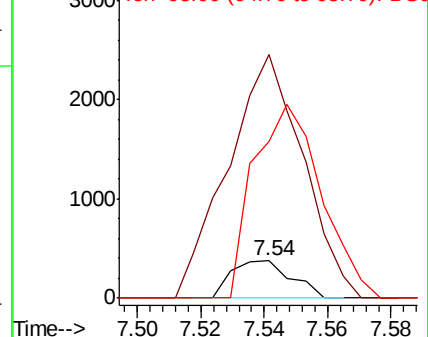
93 100

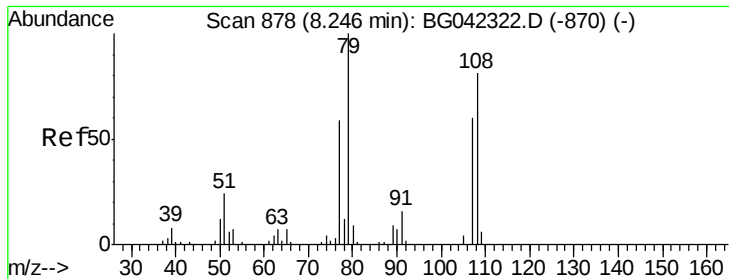
63 650.9 53.0 93.0#

95 418.3 13.0 53.0#



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: 1.509 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.08 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

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ClientSampleId :

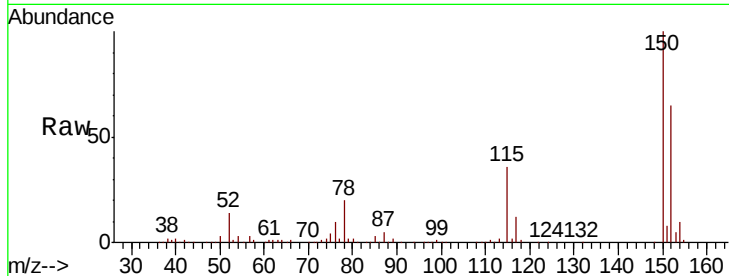
Tot Ion: 79 Resp: 4216

Ion Ratio Lower Upper

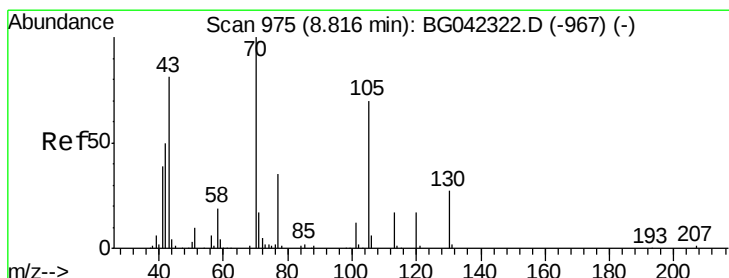
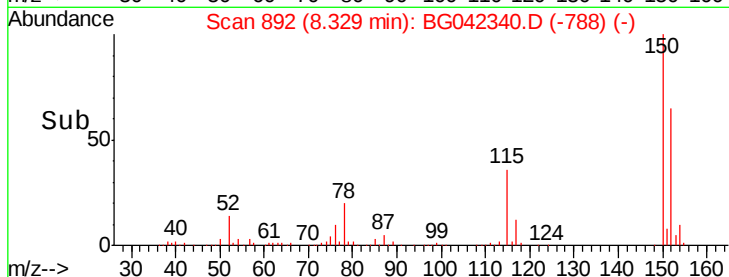
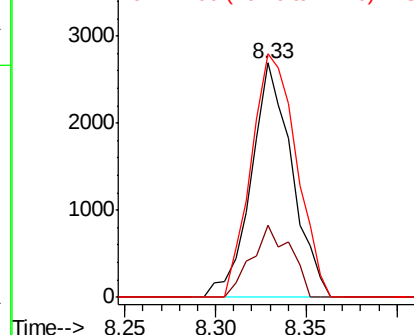
79 100

108 30.6 64.8 97.2#

77 103.8 47.6 71.4#



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: 13.150 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Tgt Ion: 70 Resp: 34357

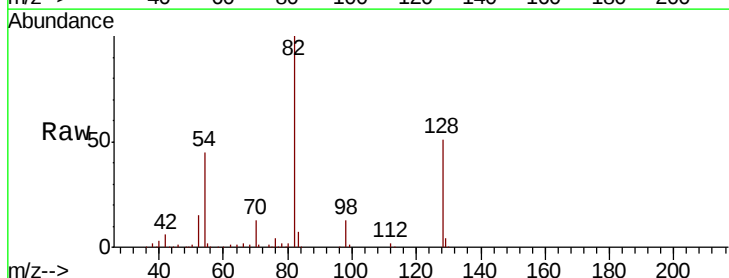
Ion Ratio Lower Upper

70 100

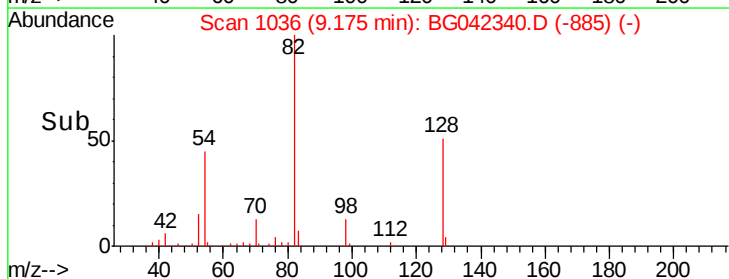
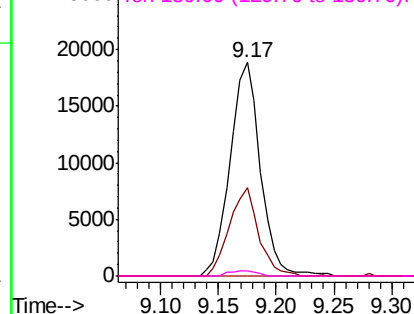
42 41.6 40.5 60.7

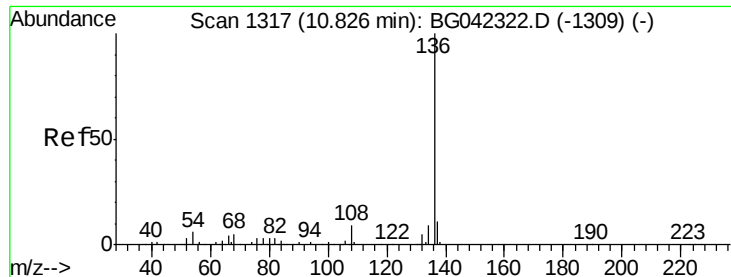
101 0.0 9.3 13.9#

130 2.7 22.0 33.0#



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

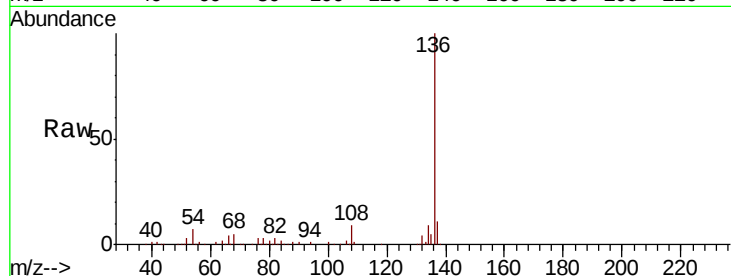




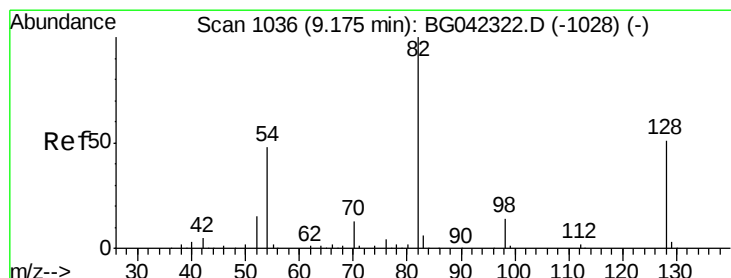
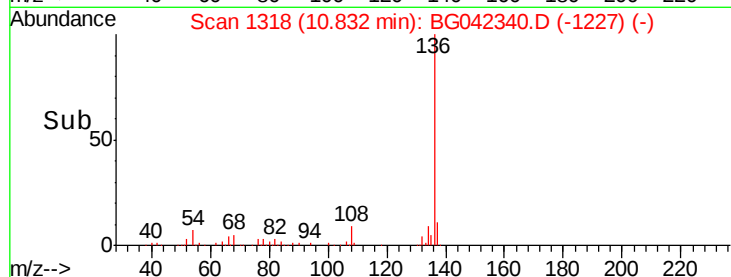
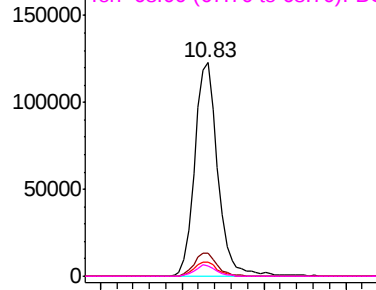
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	241390
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.4 12.6
54	6.6	5.0 7.4
68	4.5	3.8 5.8

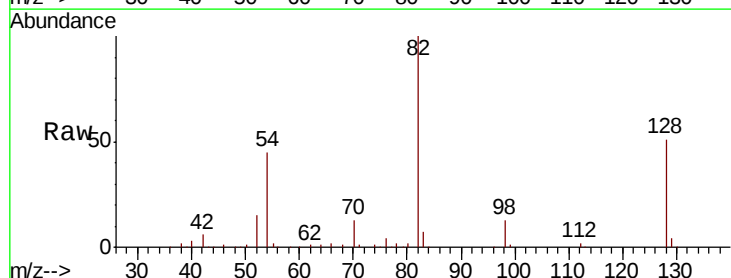


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

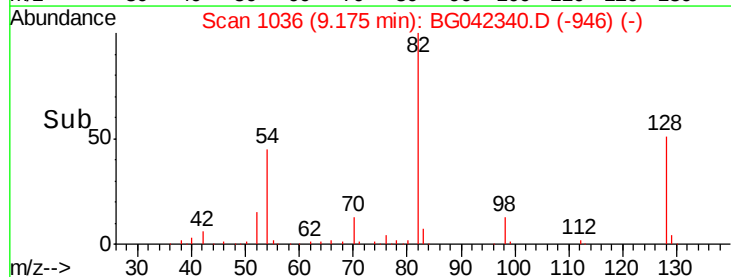
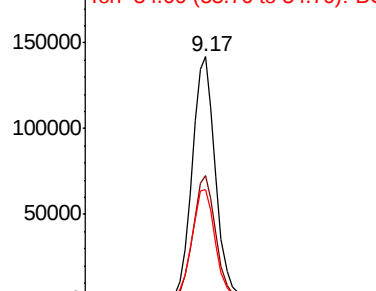


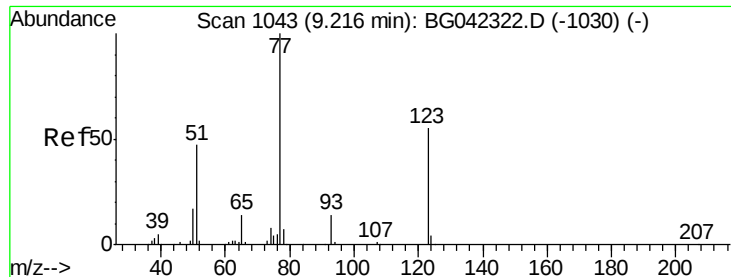
#23
Nitrobenzene-d5
Concen: 77.299 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Tgt Ion: 82	Resp:	265299
Ion Ratio	Lower	Upper
82	100	
128	51.1	41.0 61.4
54	45.3	38.0 57.0



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

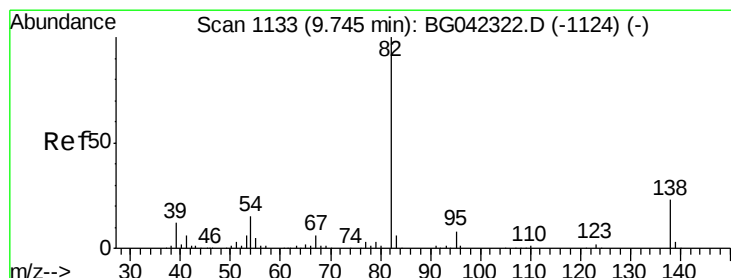
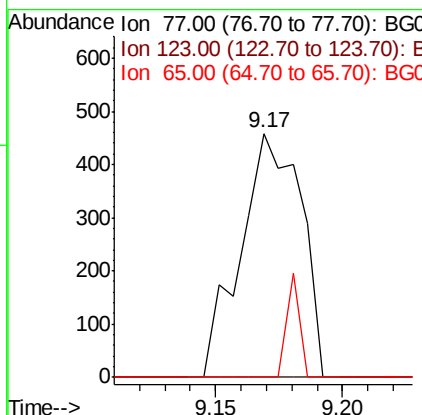
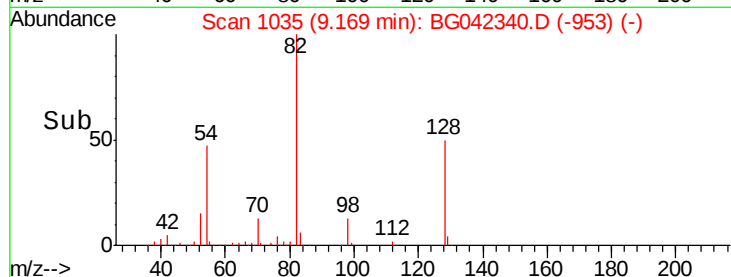
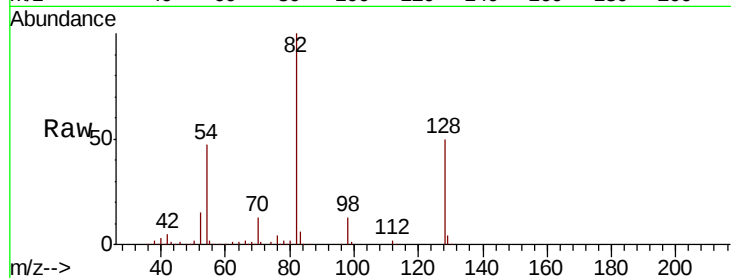




#24
 Nitrobenzene
 Concen: 0.219 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BG042340.D
 Acq: 19 Aug 2019 23:43

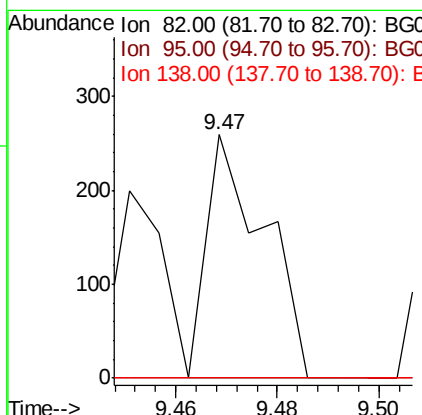
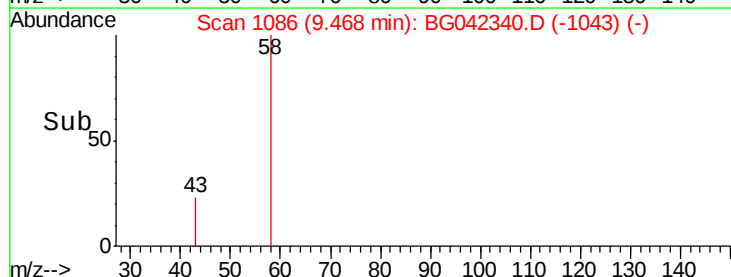
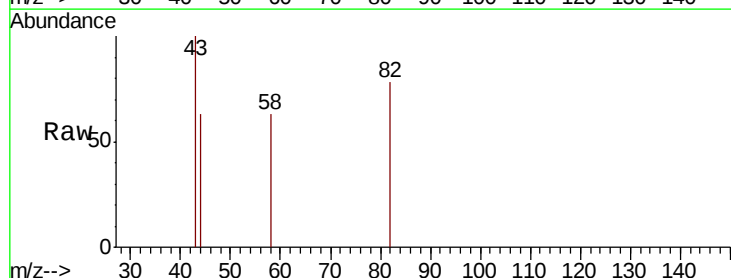
Instrument :
 BNA_G
 ClientSampleId :

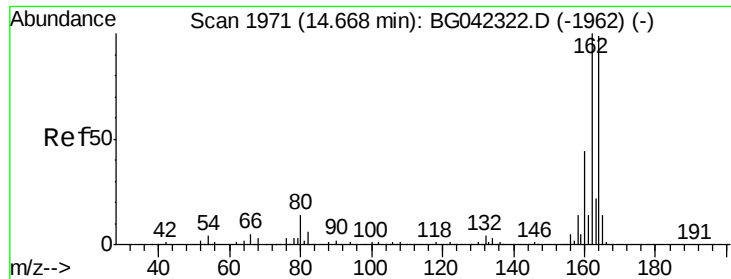
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	43.7	65.5#
65	0.0	10.9	16.3#



#25
 Isophorone
 Concen: 0.030 ng
 RT: 9.47 min Scan# 1086
 Delta R.T. -0.28 min
 Lab File: BG042340.D
 Acq: 19 Aug 2019 23:43

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	18.2	27.2#

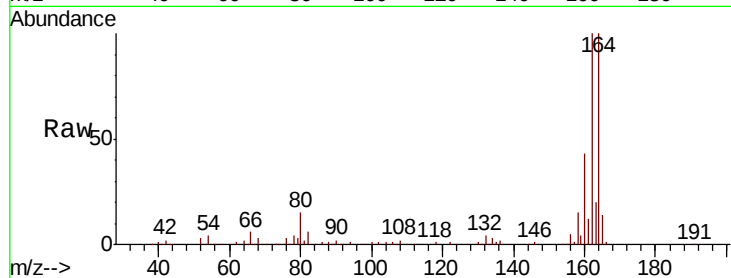




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	43.4	35.7	53.5

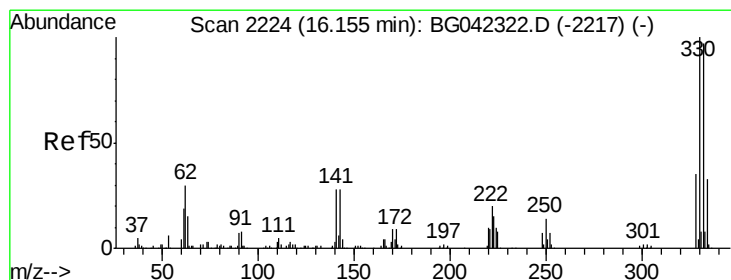
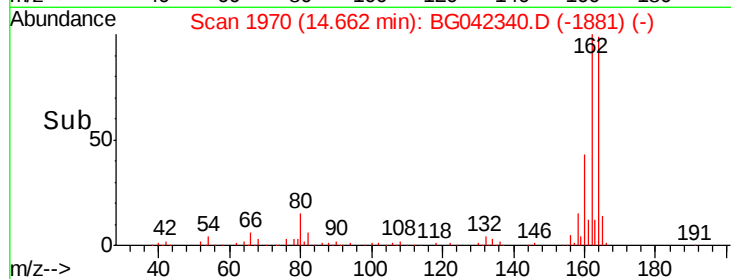
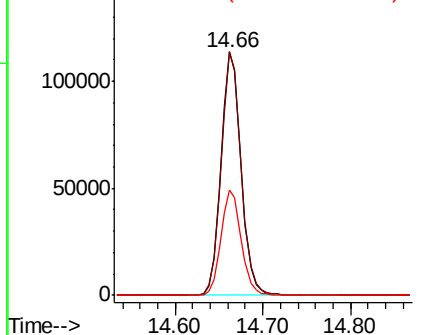


Abundance

Ion 164.00 (163.70 to 164.70): E

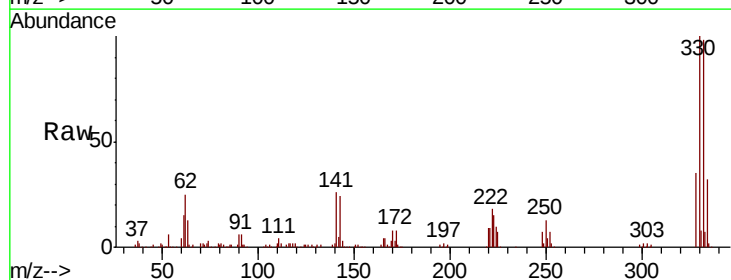
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 105.973 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	27.7	21.8	32.6

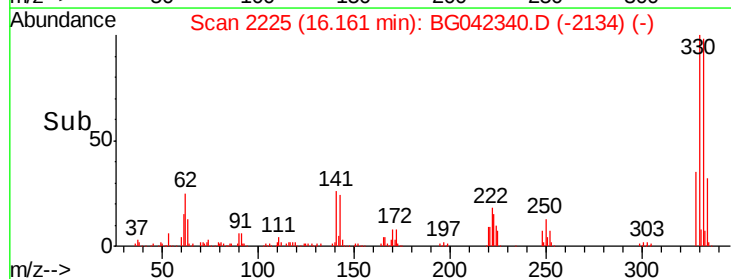
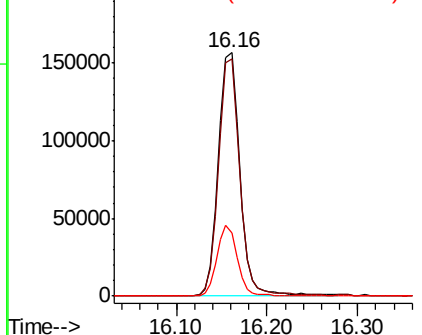


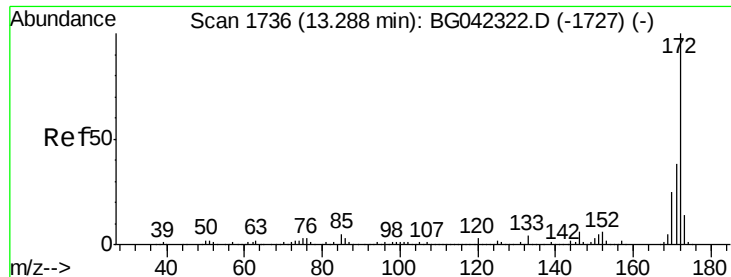
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

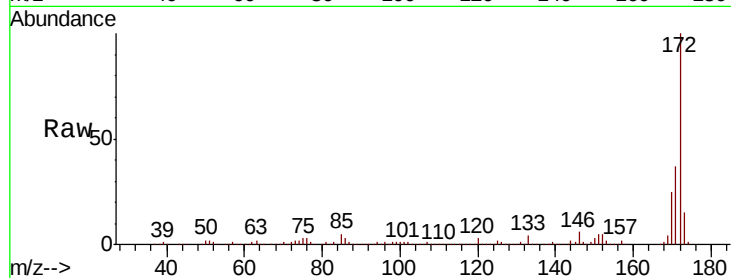




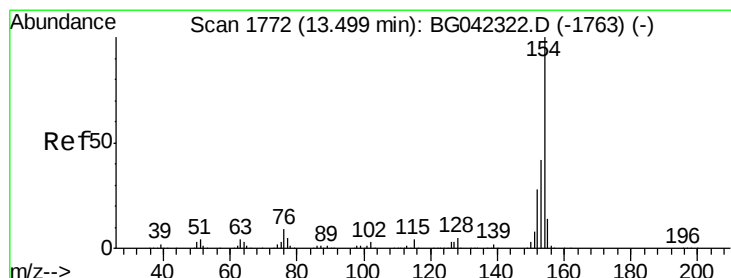
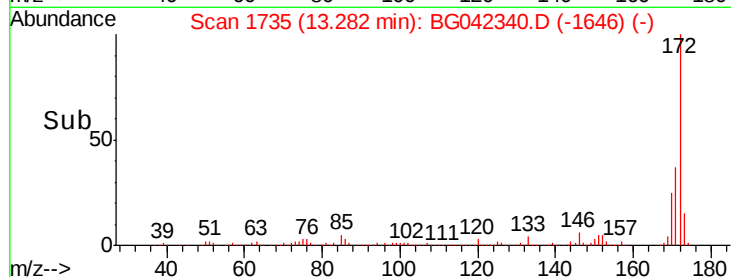
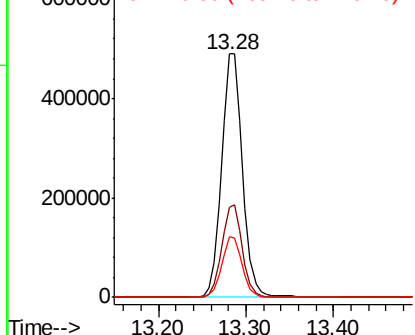
#45
 2-Fluorobiphenyl
 Concen: 76.374 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG042340.D
 Acq: 19 Aug 2019 23:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.3	45.5
170	25.0	20.0	30.0

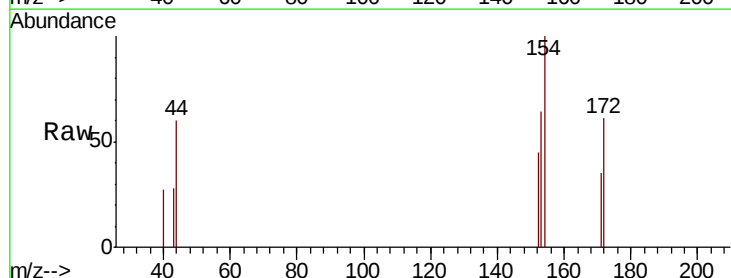


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

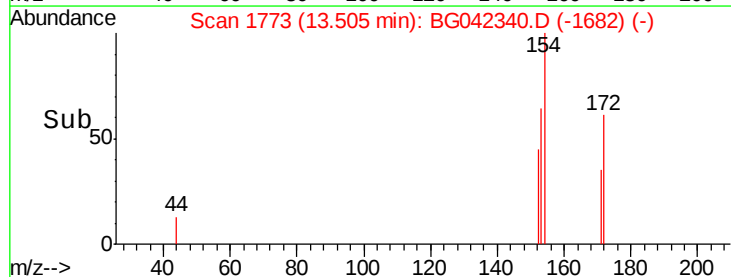
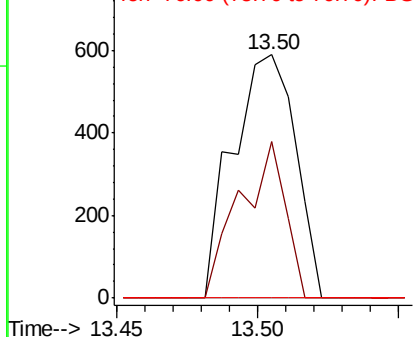


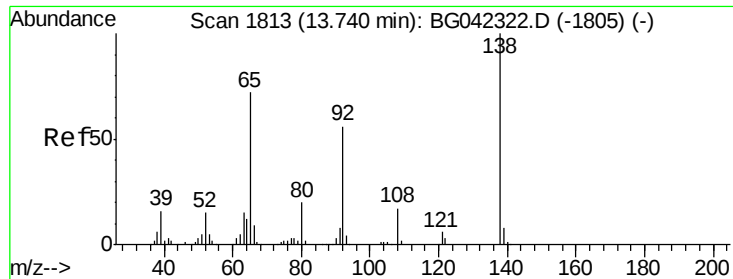
#46
 1,1'-Biphenyl
 Concen: 0.078 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BG042340.D
 Acq: 19 Aug 2019 23:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	64.2	21.9	61.9#
76	0.0	0.0	29.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

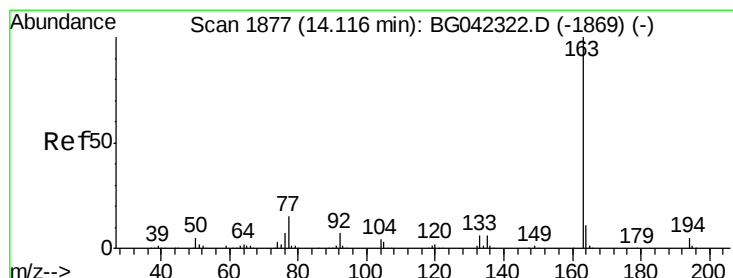
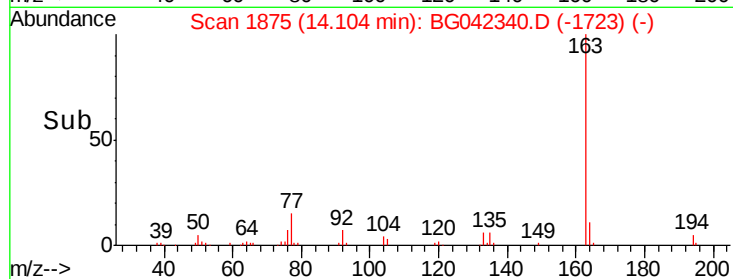
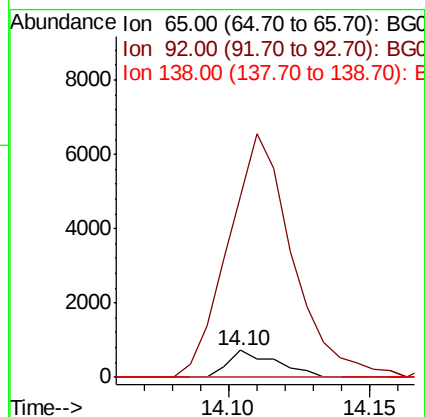
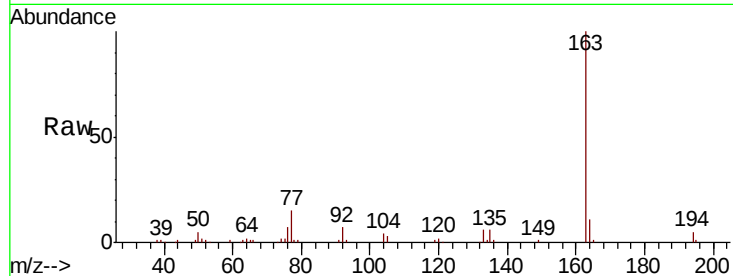




#48
2-Nitroaniline
Concen: 0.366 ng
RT: 14.10 min Scan# 1875
Delta R.T. 0.36 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

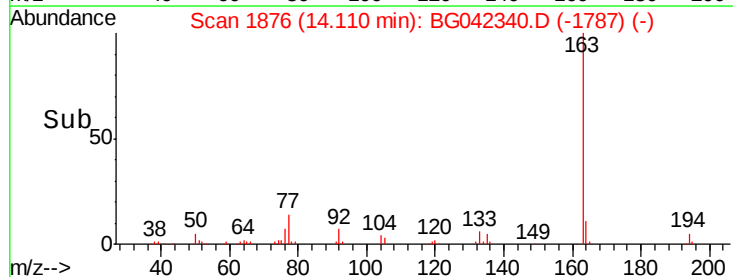
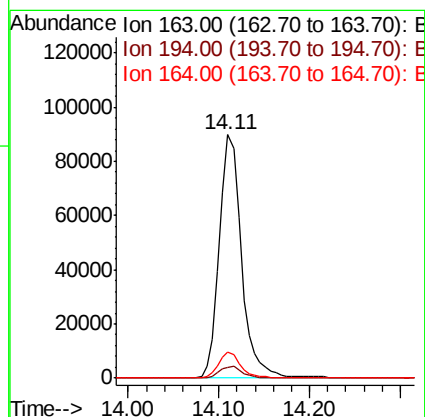
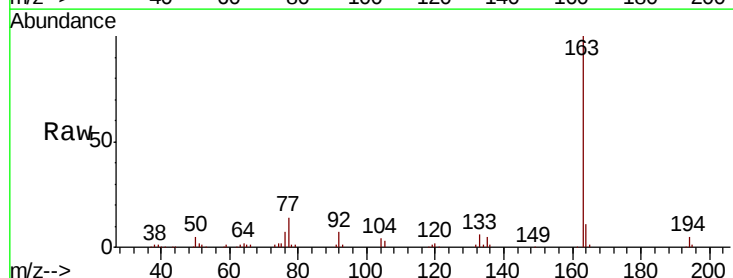
Instrument :
BNA_G
ClientSampleId :

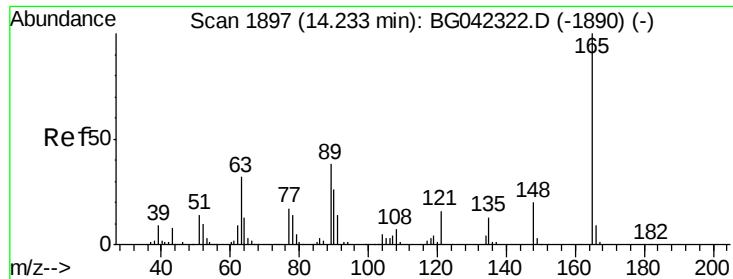
Tot Ion: 65 Resp: 863
Ion Ratio Lower Upper
65 100
92 670.3 62.6 94.0#
138 0.0 111.5 167.3#



#50
Dimethylphthalate
Concen: 12.071 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Tgt Ion:163 Resp: 153853
Ion Ratio Lower Upper
163 100
194 4.6 4.2 6.2
164 10.5 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 0.524 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.12 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampled :

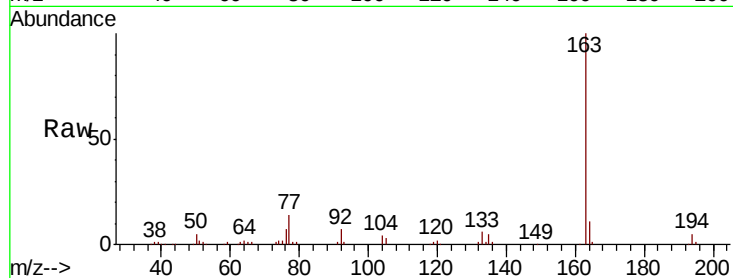
Tot Ion:165 Resp: 1562

Ion Ratio Lower Upper

165 100

63 99.2 28.2 42.2#

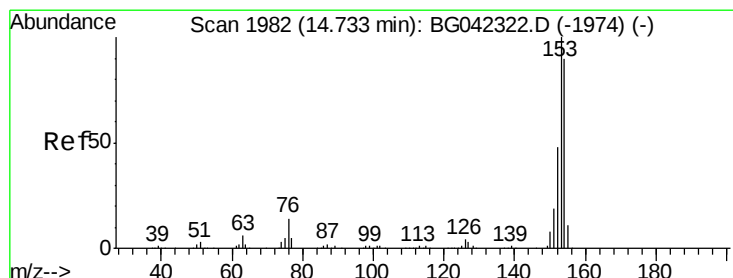
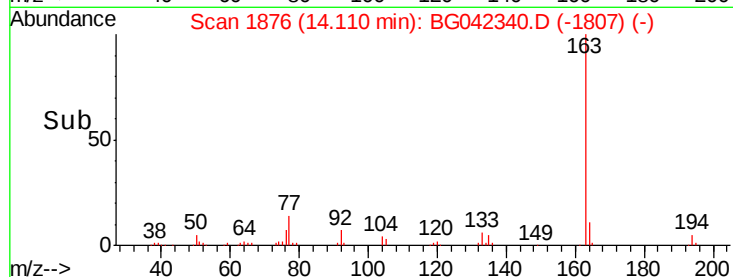
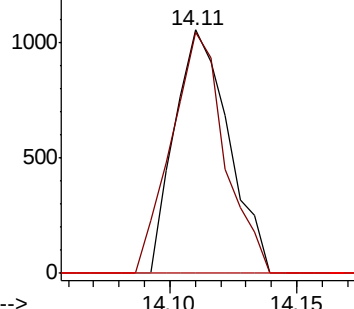
89 0.0 30.0 45.0#



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



#52

Acenaphthene

Concen: 0.070 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.07 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

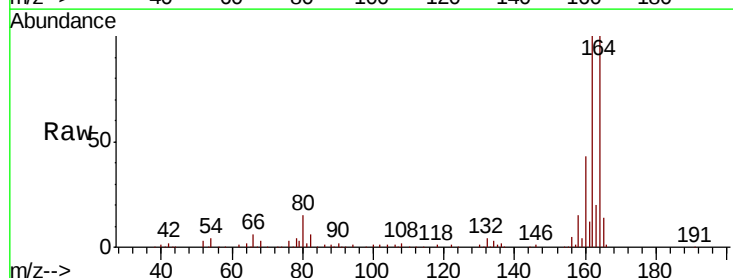
Tgt Ion:154 Resp: 637

Ion Ratio Lower Upper

154 100

153 0.0 89.4 134.0#

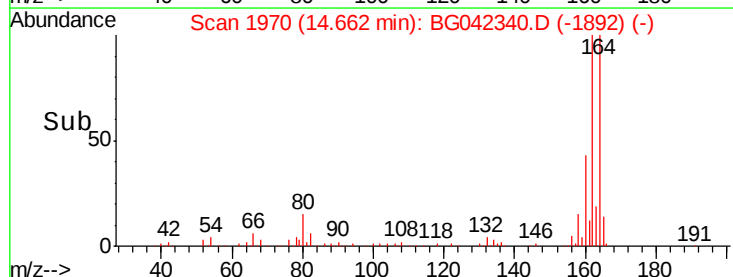
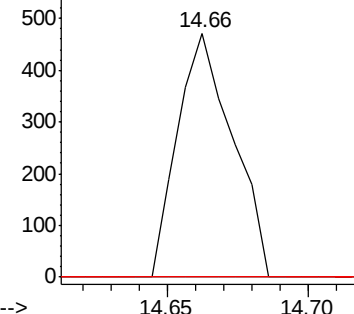
152 0.0 43.1 64.7#

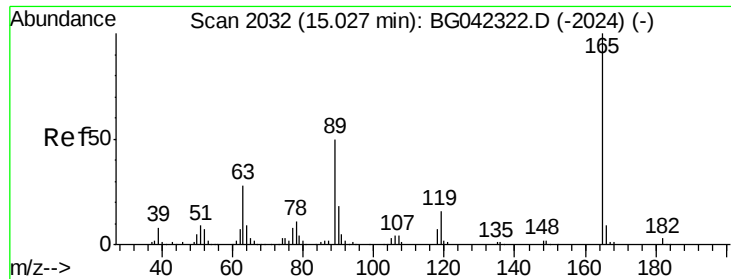


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

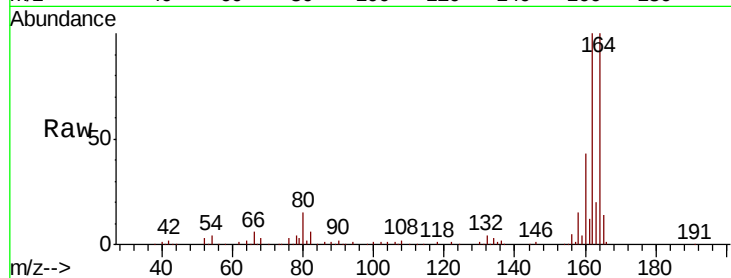




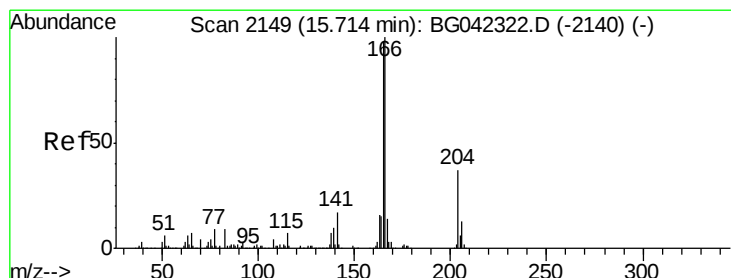
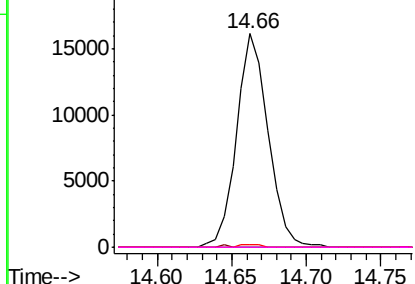
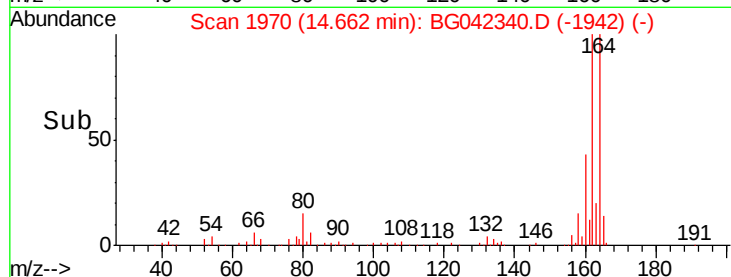
#57
2,4-Dinitrotoluene
Concen: 5.677 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.4	33.6#
89	1.4	40.2	60.2#
182	0.0	2.6	3.8#

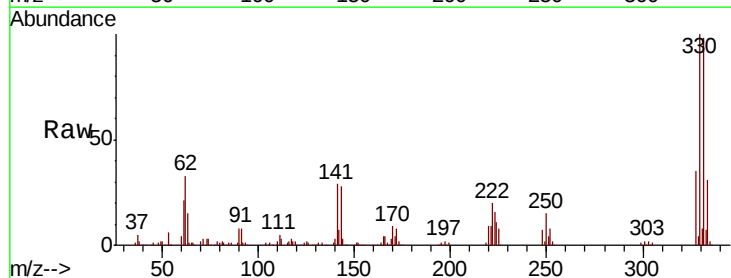


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

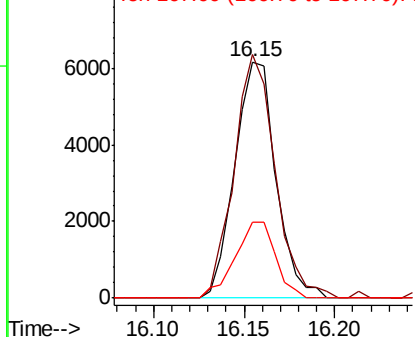
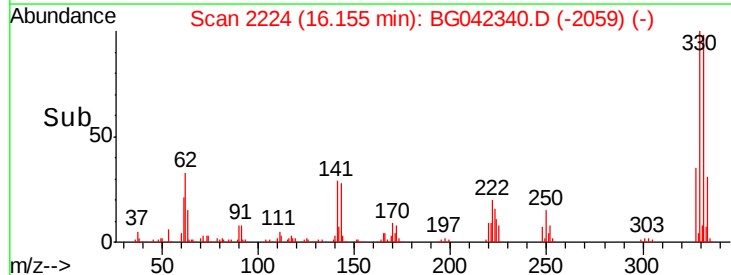


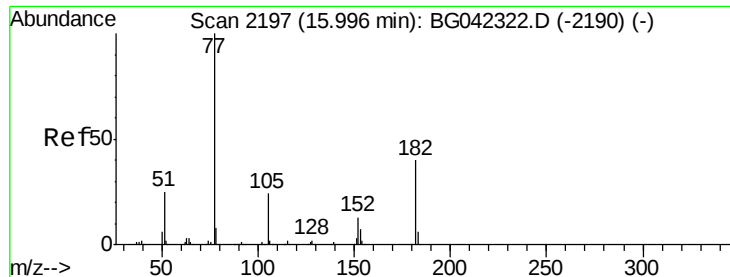
#58
Fluorene
Concen: 0.802 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.44 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.9	78.7	118.1
167	32.3	11.1	16.7#



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

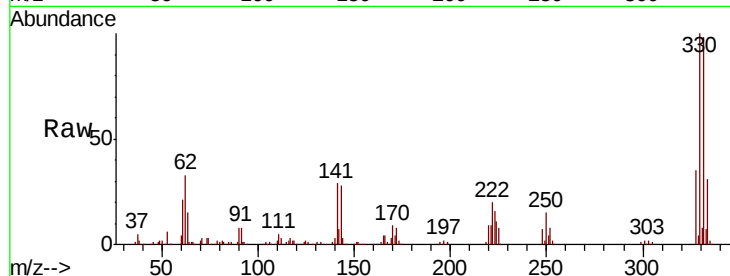




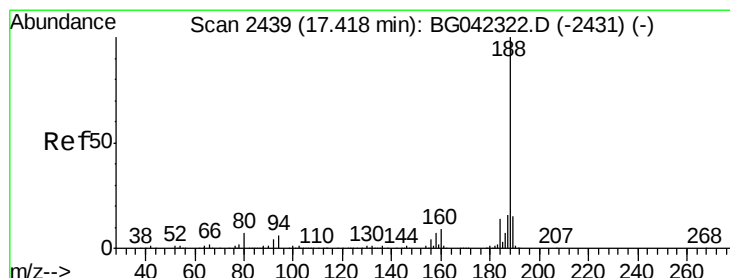
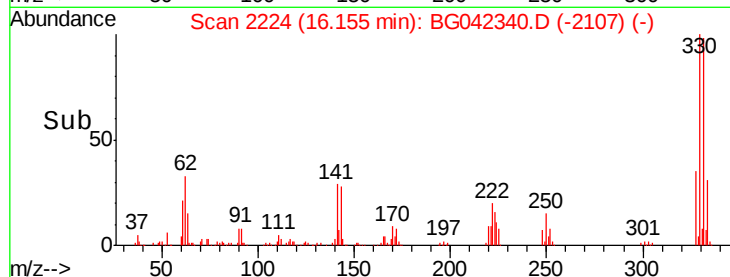
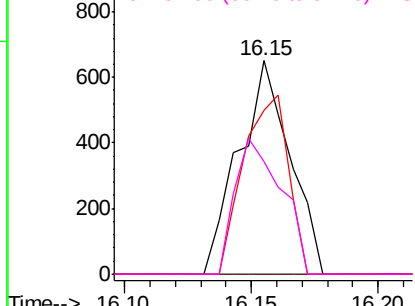
#63
Azobenzene
Concen: 0.107 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.16 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 917
Ion Ratio Lower Upper
77 100
182 0.0 19.7 59.7#
105 76.7 3.5 43.5#
51 52.7 5.4 45.4#

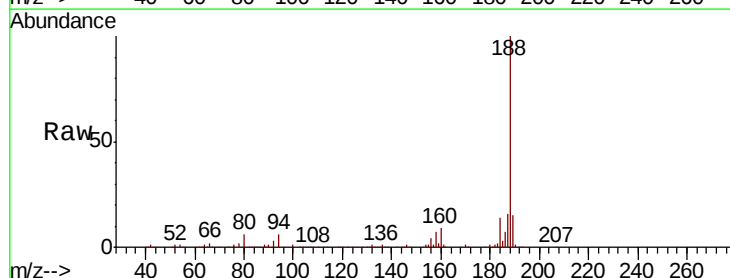


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

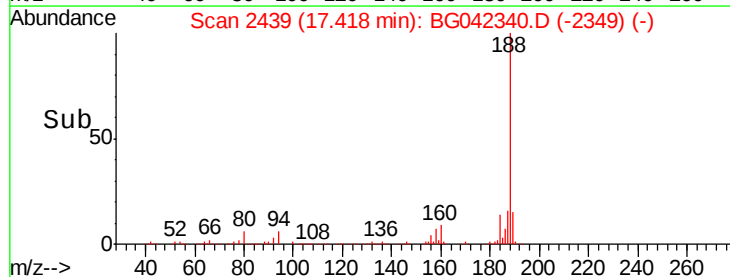
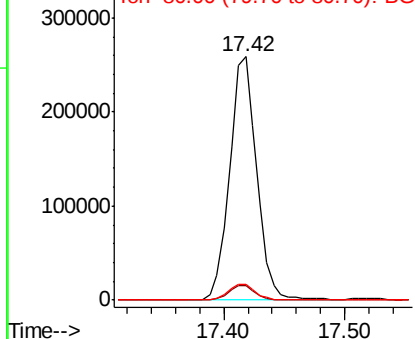


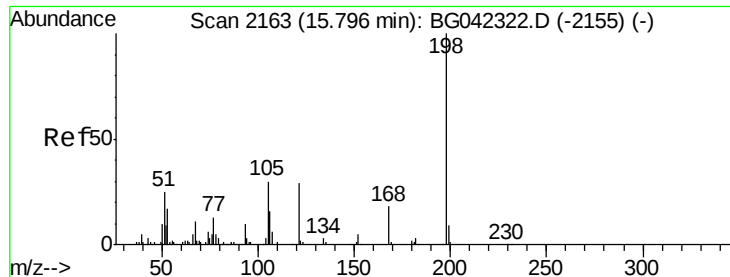
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Tgt Ion: 188 Resp: 403244
Ion Ratio Lower Upper
188 100
94 5.8 4.9 7.3
80 6.3 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.36 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

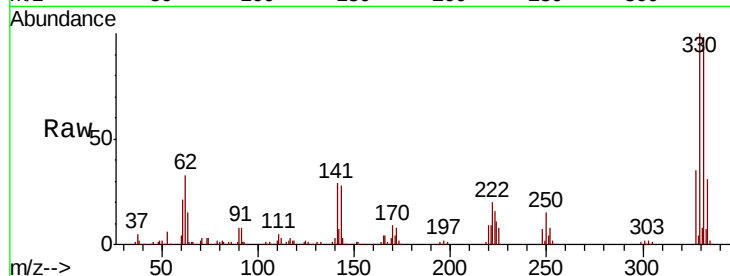
Tot Ion:198 Resp: 441

Ion Ratio Lower Upper

198 100

51 75.1 6.4 46.4#

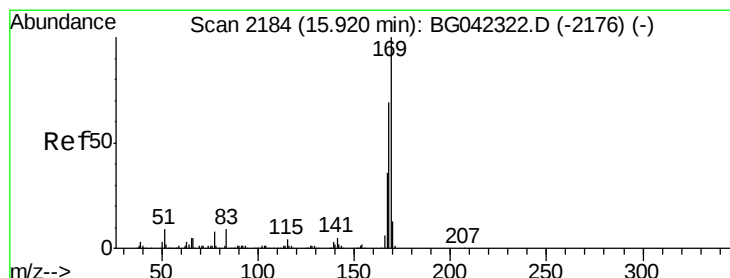
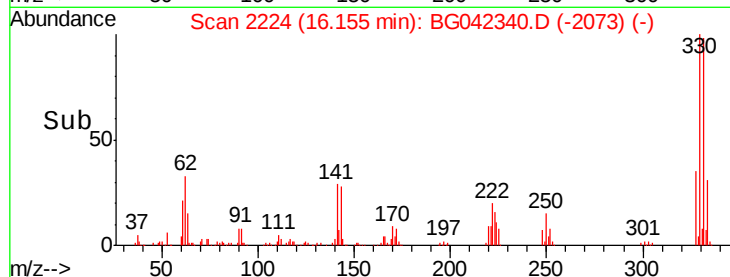
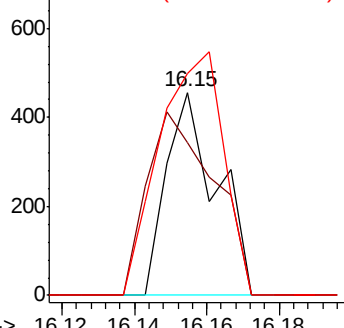
105 109.2 10.0 50.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.670 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.24 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

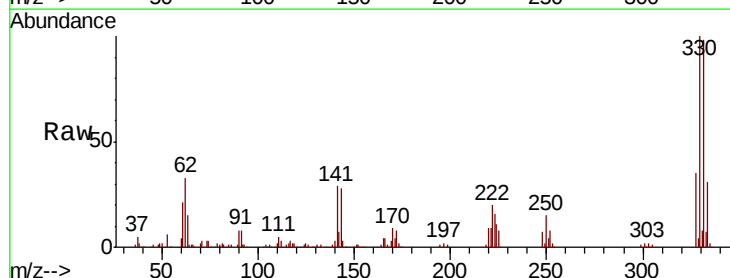
Tgt Ion:169 Resp: 7563

Ion Ratio Lower Upper

169 100

168 7.4 55.5 83.3#

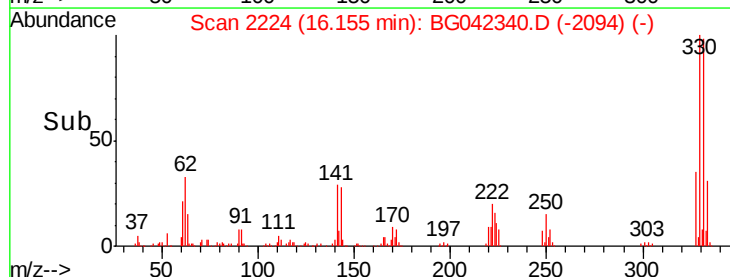
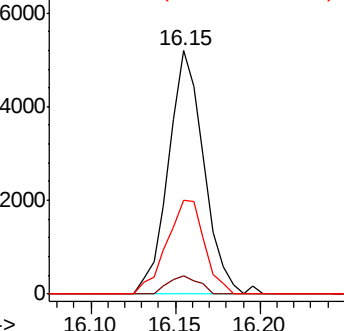
167 38.4 28.9 43.3

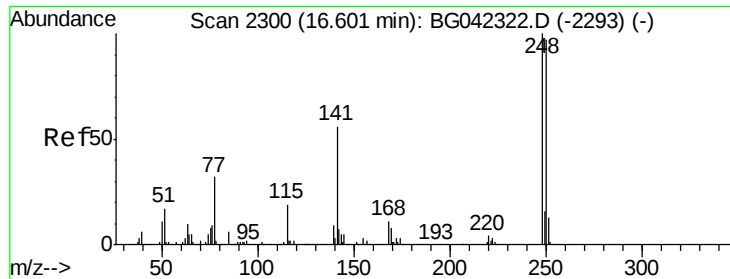


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

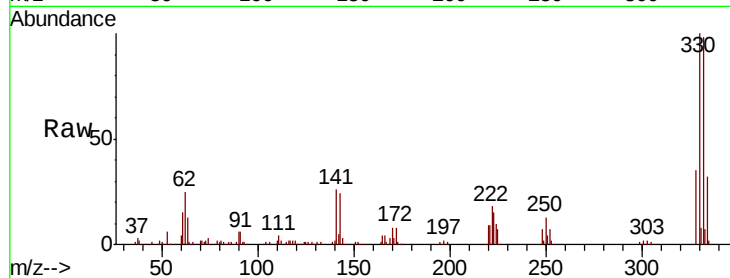




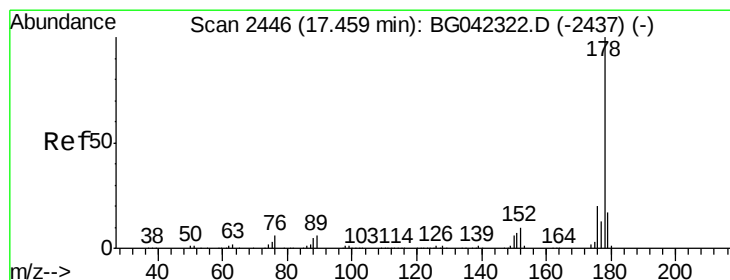
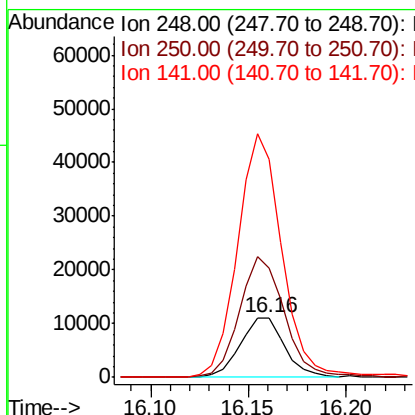
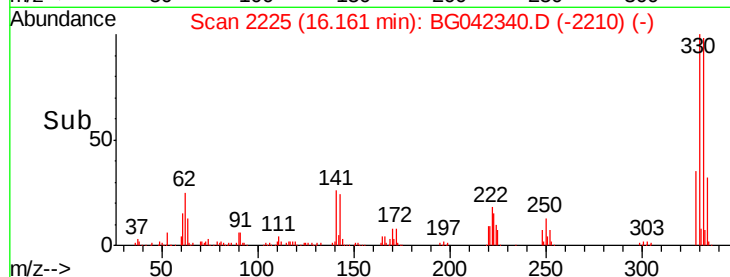
#67
 4-Bromophenyl-phenylether
 Concen: 3.370 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG042340.D
 Acq: 19 Aug 2019 23:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 17294
 Ion Ratio Lower Upper
 248 100
 250 184.0 78.0 117.0#
 141 367.1 44.9 67.3#

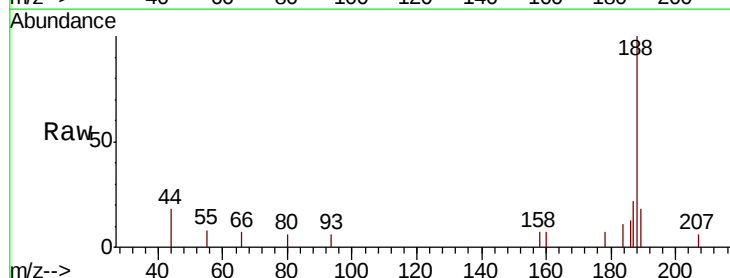


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

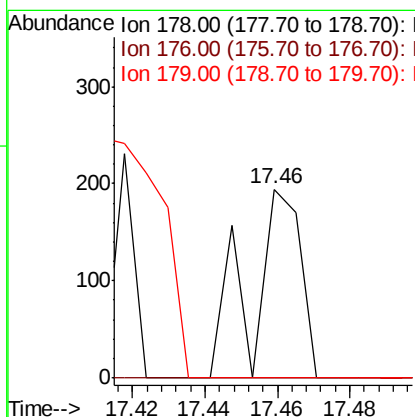
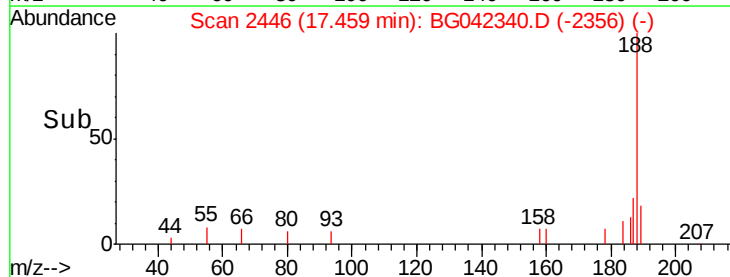


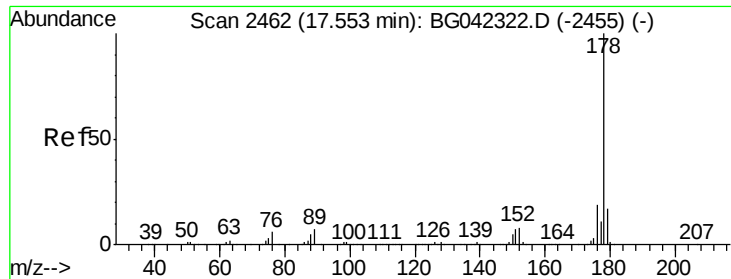
#71
 Phenanthrene
 Concen: 0.009 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BG042340.D
 Acq: 19 Aug 2019 23:43

Tgt Ion:178 Resp: 184
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 13.7 20.5#



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





#72

Anthracene

Concen: 0.009 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.09 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

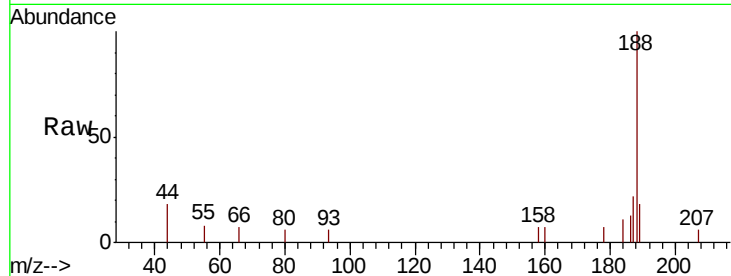
Tot Ion:178 Resp: 184

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

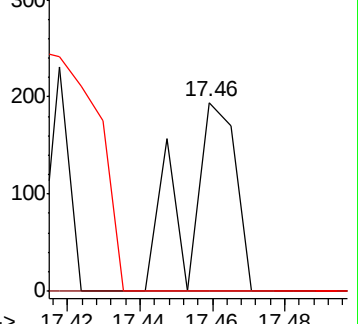
179 0.0 13.6 20.4#



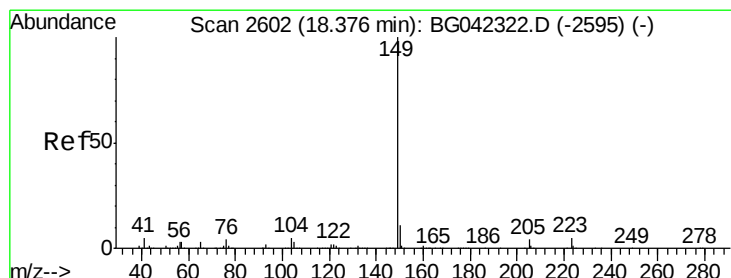
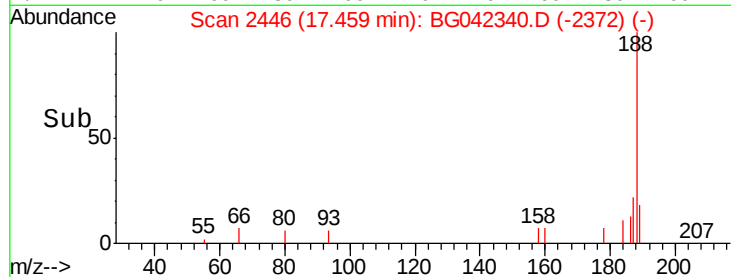
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 0.061 ng

RT: 18.38 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

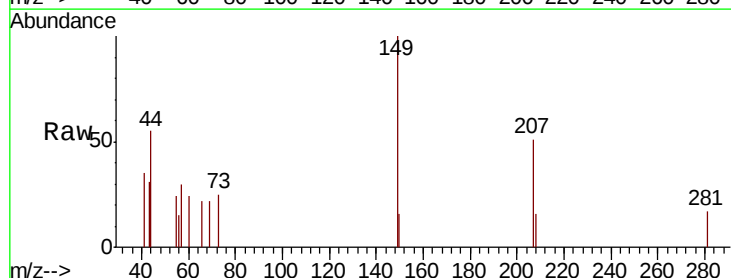
Tgt Ion:149 Resp: 1256

Ion Ratio Lower Upper

149 100

150 16.1 8.4 12.6#

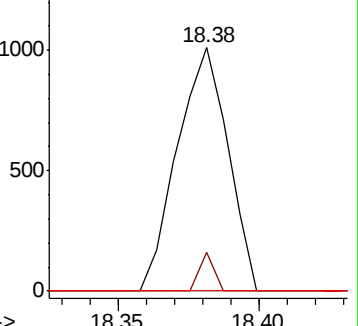
104 0.0 3.7 5.5#



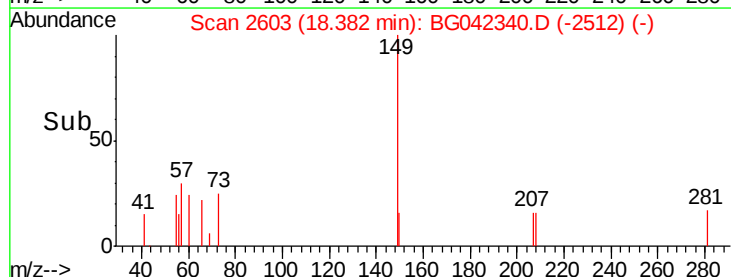
Abundance Ion 149.00 (148.70 to 149.70): E

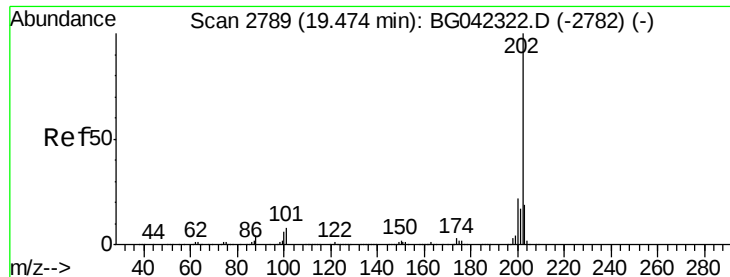
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 0.030 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

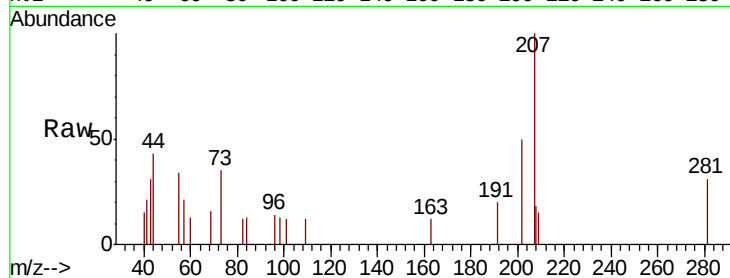
Tot Ion:202 Resp: 720

Ion Ratio Lower Upper

202 100

101 23.1 0.0 28.0

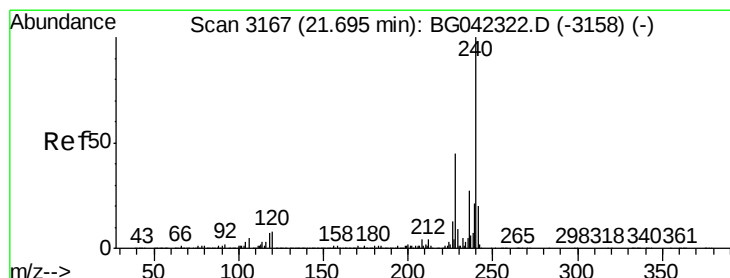
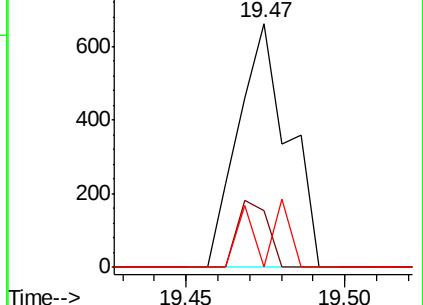
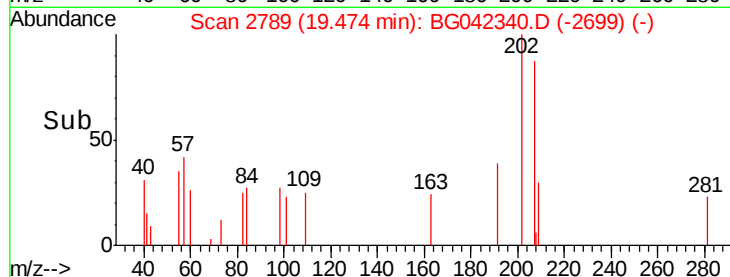
203 0.0 0.0 39.1



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: BG042340.D

Acq: 19 Aug 2019 23:43

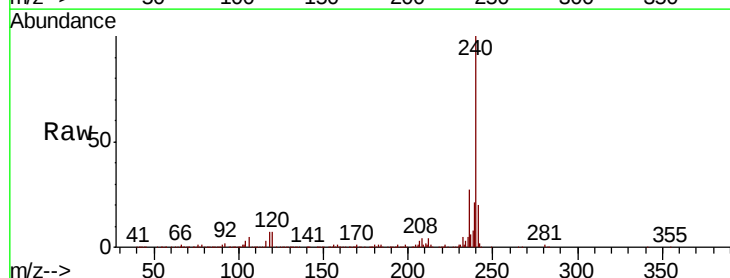
Tgt Ion:240 Resp: 421030

Ion Ratio Lower Upper

240 100

120 7.1 6.0 9.0

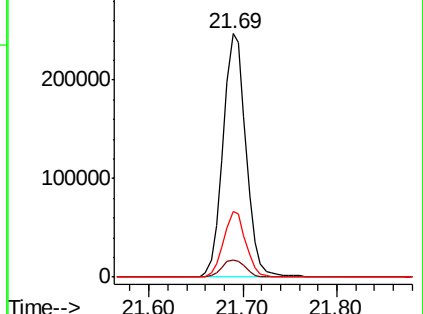
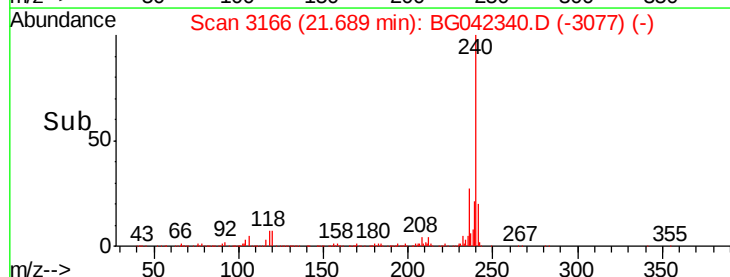
236 26.9 21.6 32.4

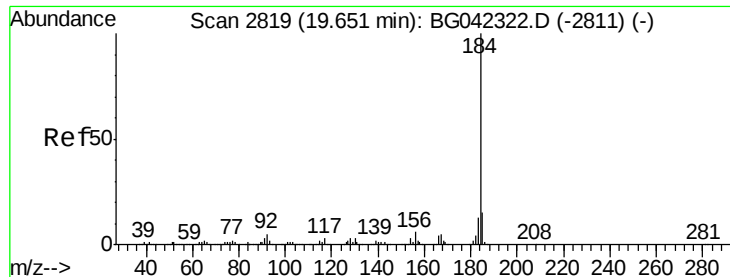


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.550 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.38 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

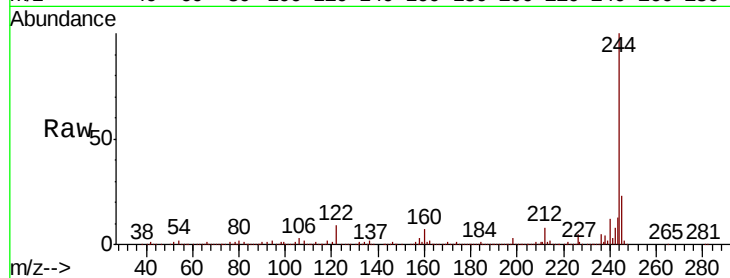
Tot Ion:184 Resp: 17304

Ion Ratio Lower Upper

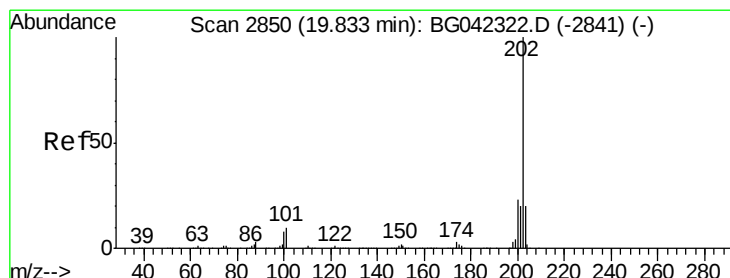
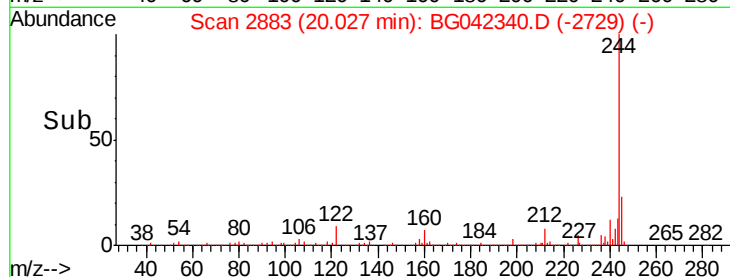
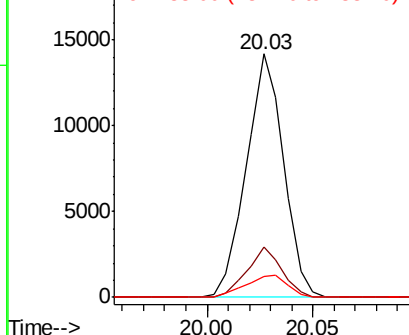
184 100

185 20.7 11.8 17.6#

183 8.5 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.038 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

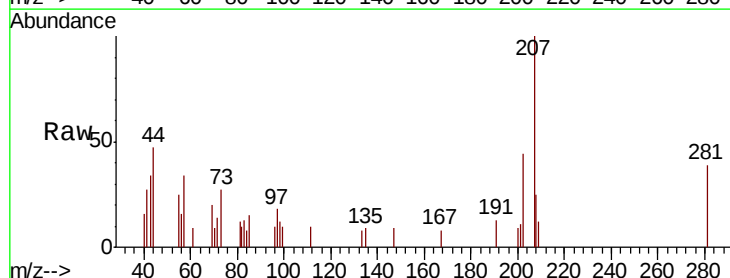
Tgt Ion:202 Resp: 991

Ion Ratio Lower Upper

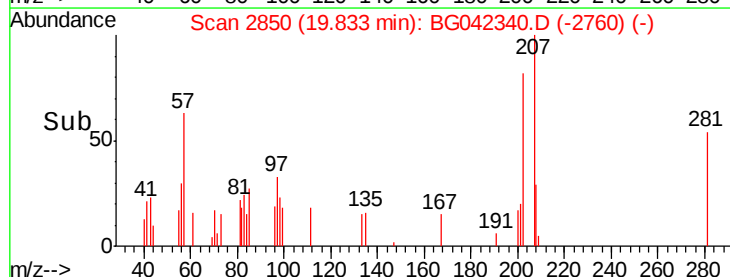
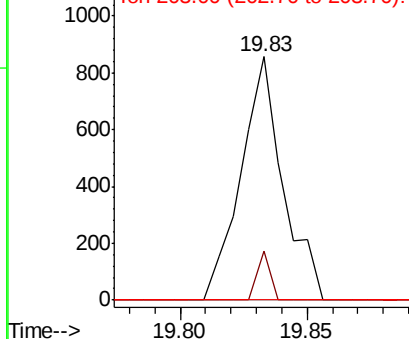
202 100

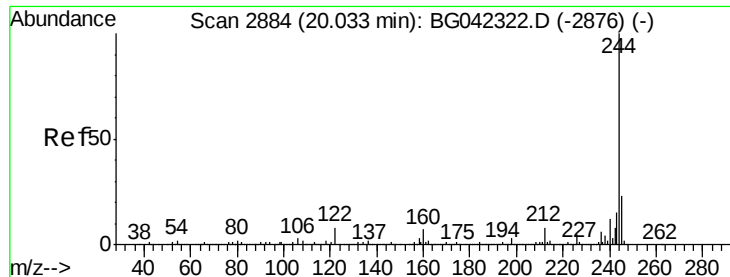
200 20.3 18.1 27.1

203 0.0 15.8 23.8#



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





#79

Terphenyl-d14

Concen: 71.007 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

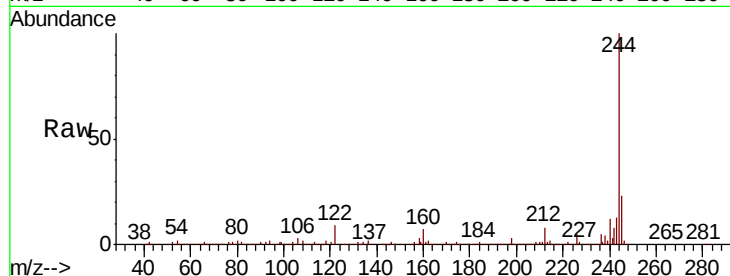
Tot Ion:244 Resp: 1364933

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

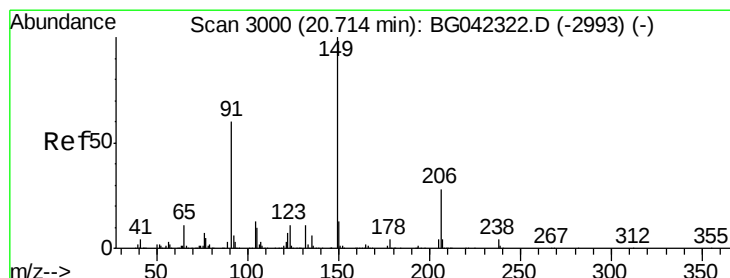
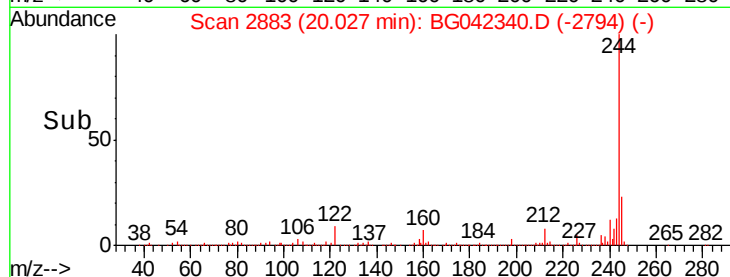
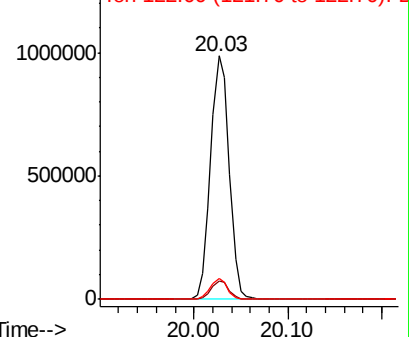
122 8.6 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.008 ng

RT: 20.71 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

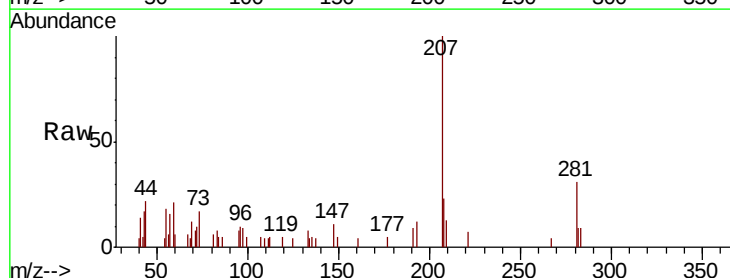
Tgt Ion:149 Resp: 79

Ion Ratio Lower Upper

149 100

91 0.0 47.8 71.6#

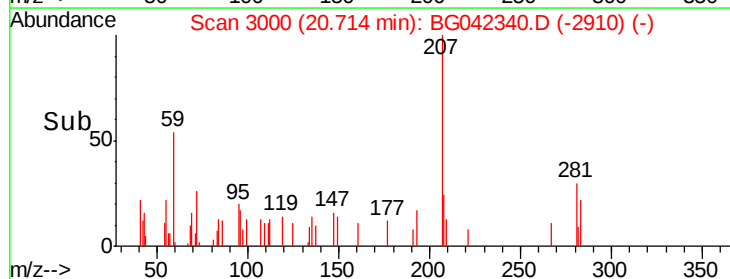
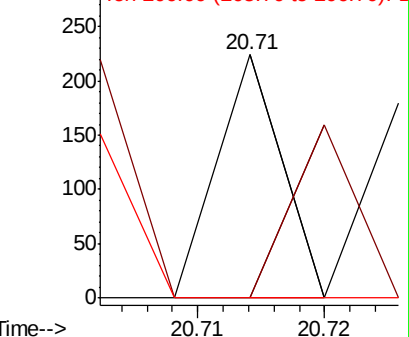
206 0.0 22.6 33.8#

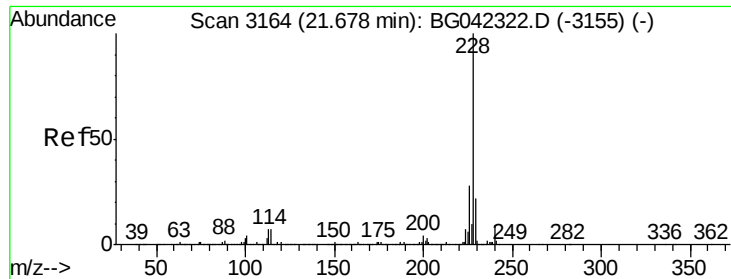


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.079 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampled :

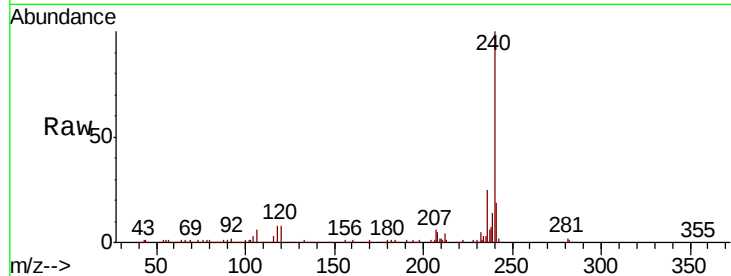
Tot Ion:228 Resp: 2050

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

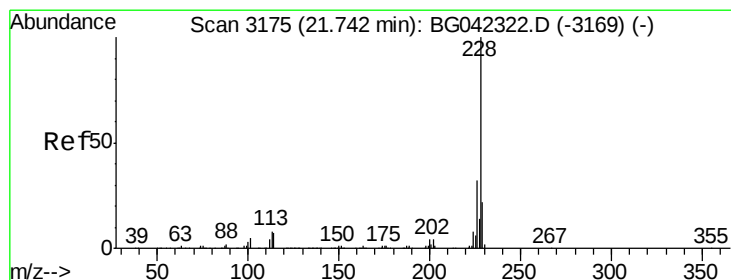
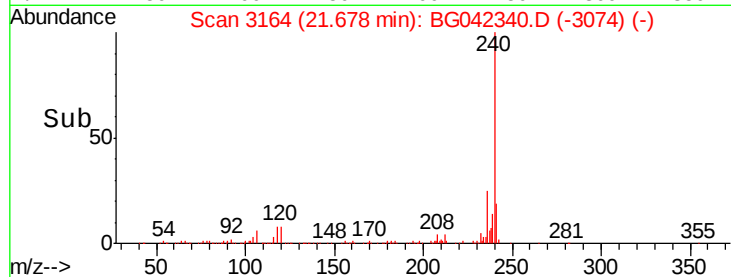
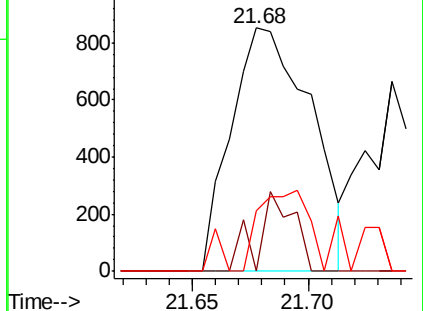
229 25.0 17.4 26.2



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



#83

Chrysene

Concen: 0.036 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

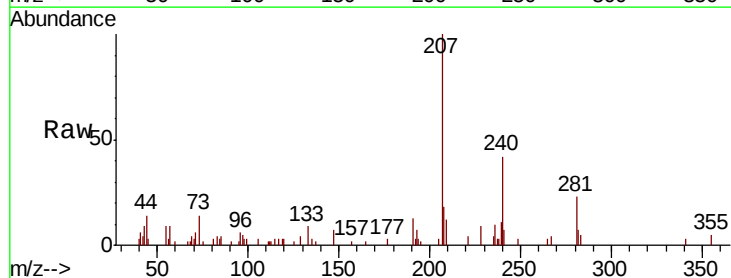
Tgt Ion:228 Resp: 890

Ion Ratio Lower Upper

228 100

226 0.0 25.6 38.4#

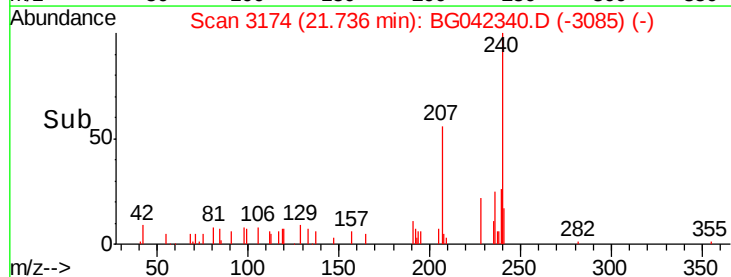
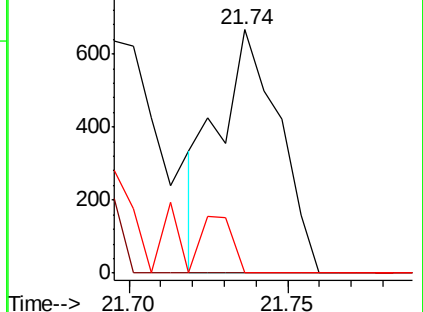
229 0.0 17.8 26.6#

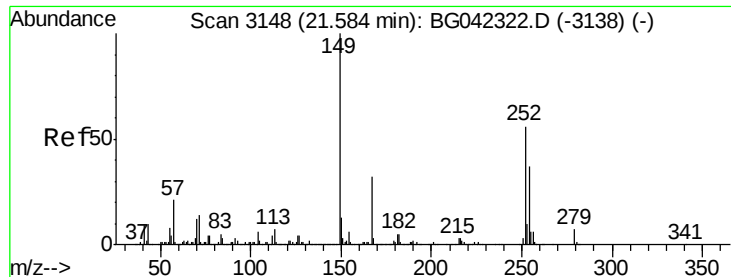


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.115 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

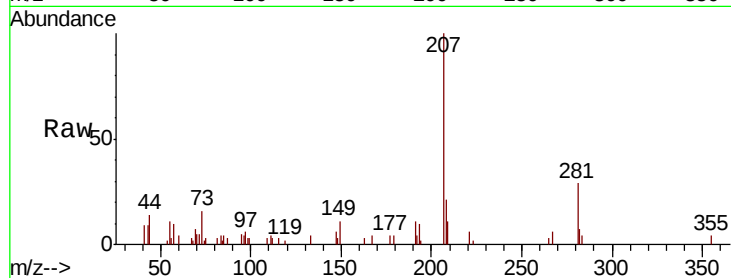
Tot Ion:149 Resp: 1645

Ion Ratio Lower Upper

149 100

167 38.6 25.4 38.0#

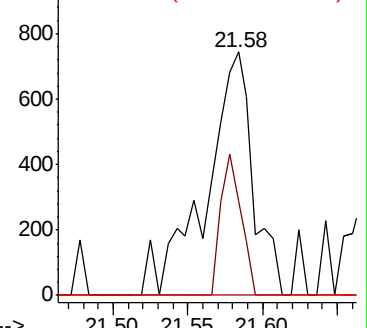
279 0.0 5.8 8.6#



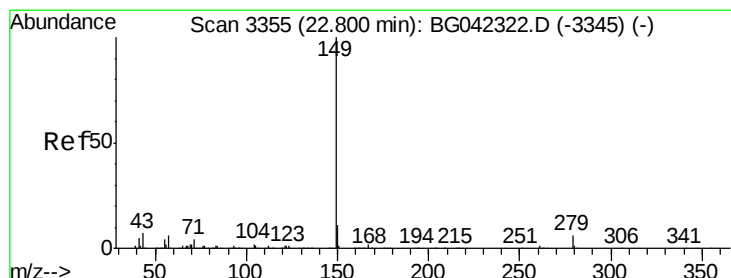
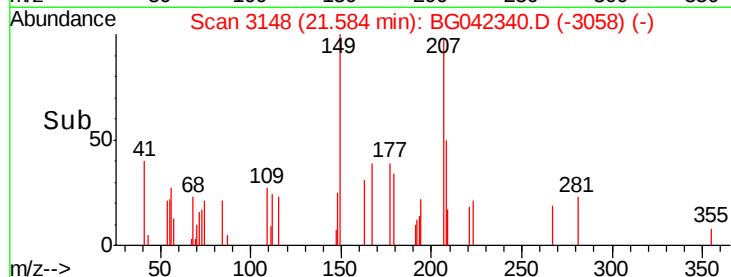
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

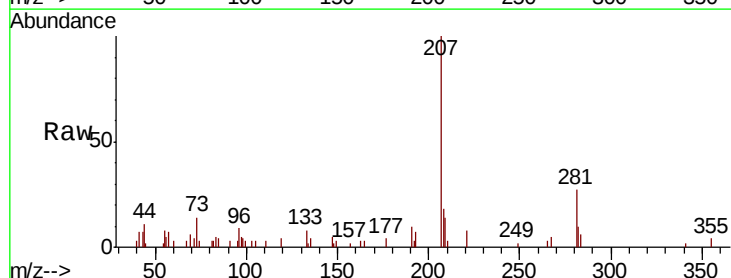
Tgt Ion:149 Resp: 137

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

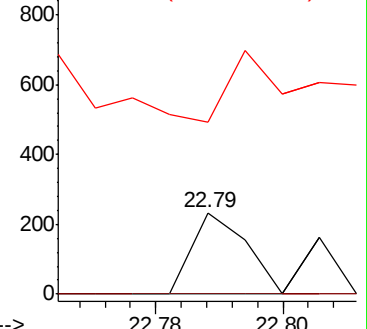
43 0.0 5.4 8.2#



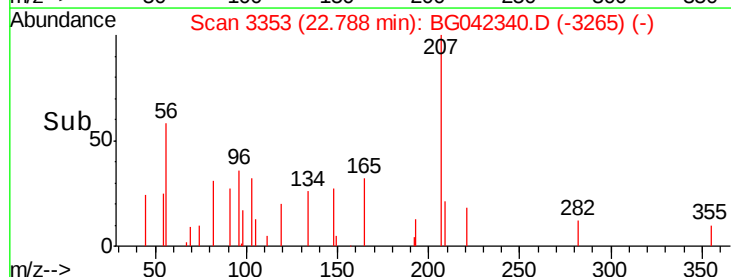
Abundance Ion 149.00 (148.70 to 149.70): E

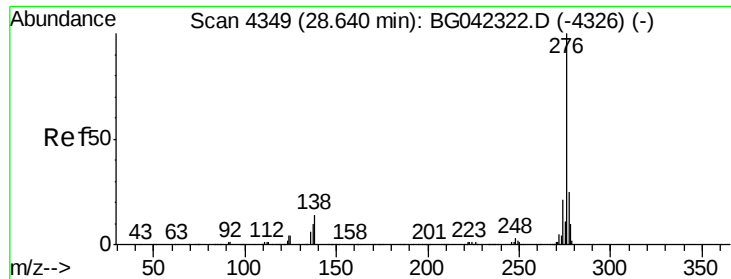
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->

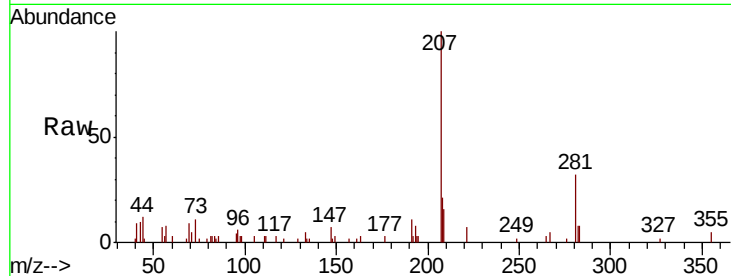




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.5	21.7#
277	0.0	21.0	31.4#

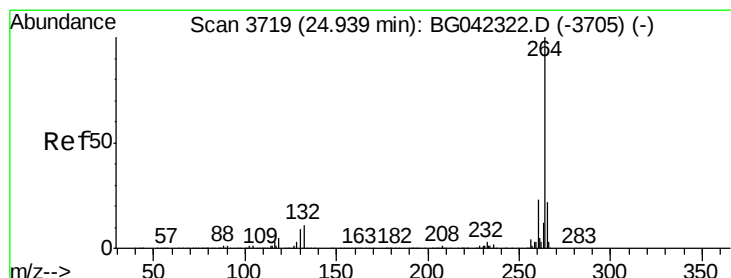
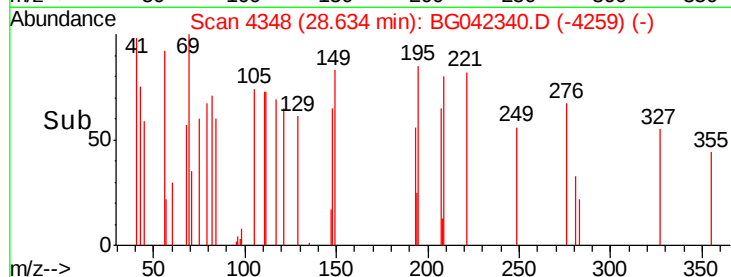
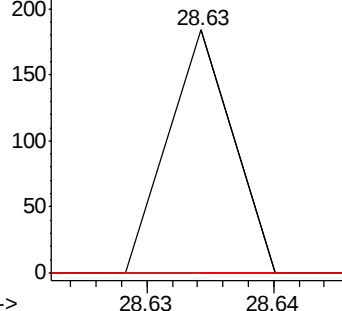


Abundance

Ion 276.00 (275.70 to 276.70): E

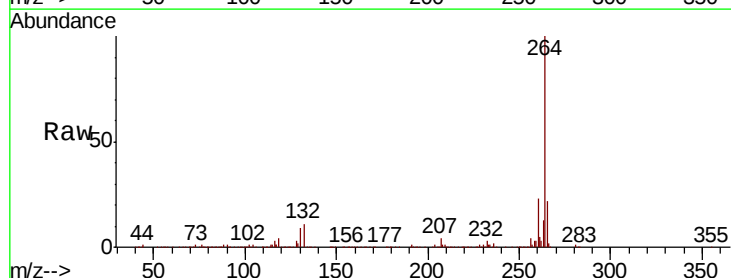
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.0	17.4	26.0

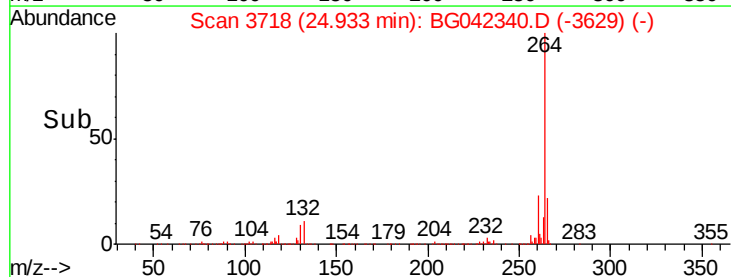
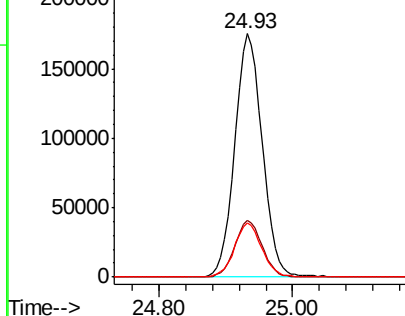


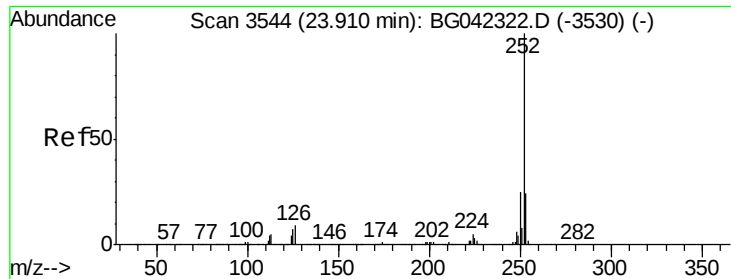
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.040 ng

RT: 23.92 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampled :

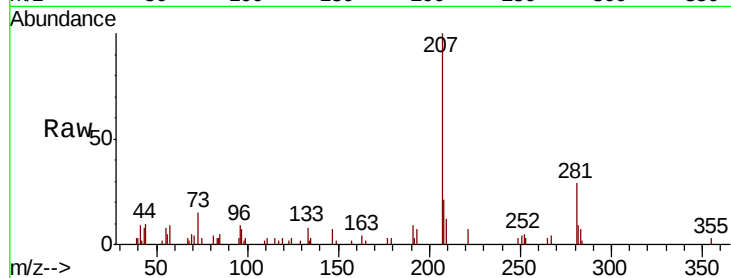
Tot Ion:252 Resp: 1102

Ion Ratio Lower Upper

252 100

253 56.2 18.9 28.3#

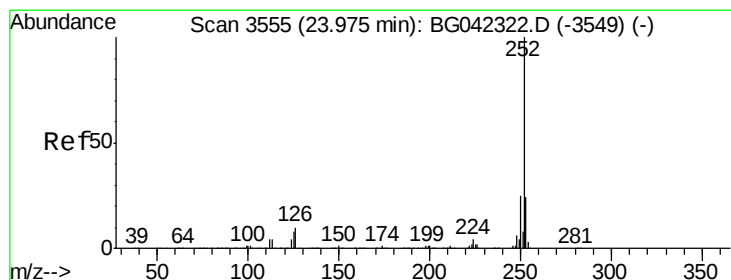
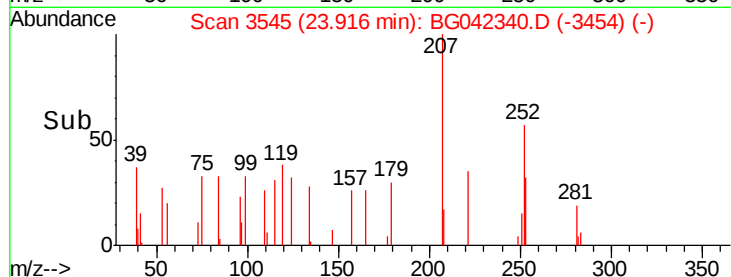
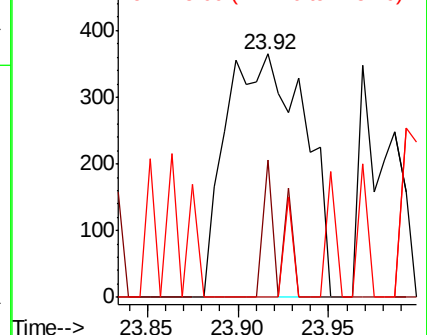
125 0.0 5.8 8.6#



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



#89

Benzo(k)fluoranthene

Concen: 0.017 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

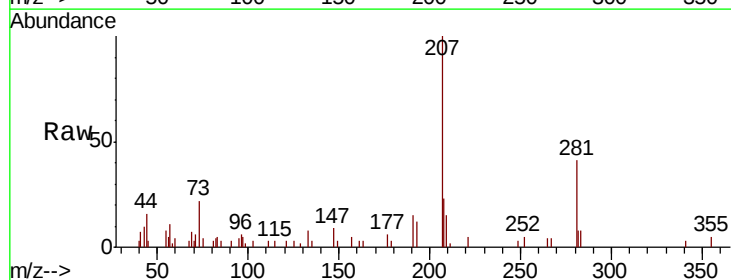
Tgt Ion:252 Resp: 448

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.4#

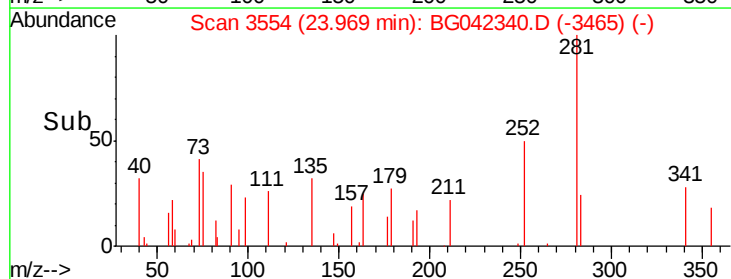
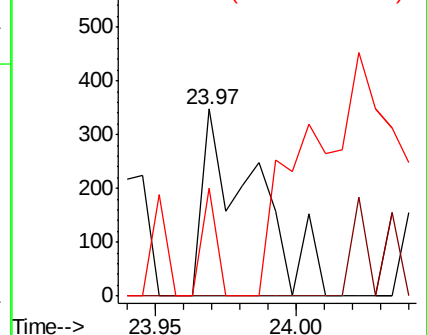
125 57.5 6.0 9.0#

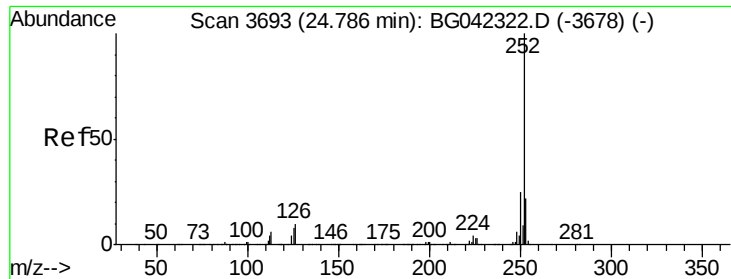


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.029 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

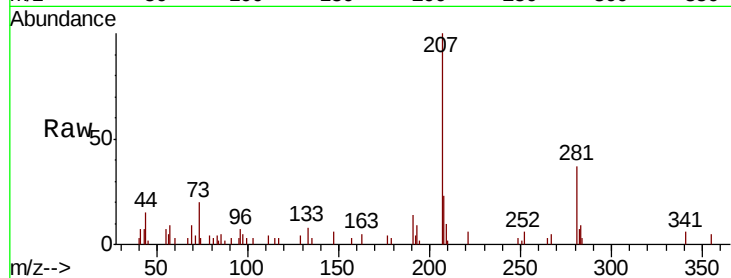
Tot Ion:252 Resp: 777

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

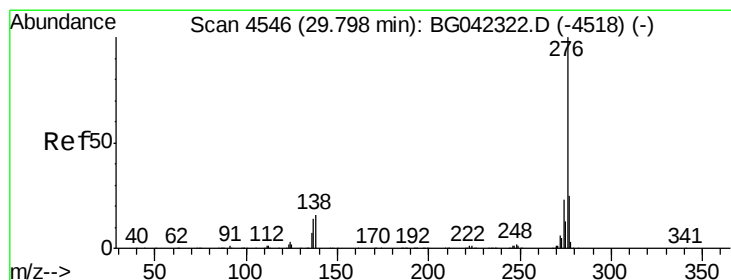
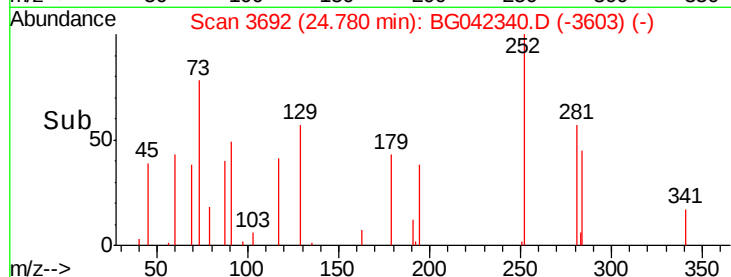
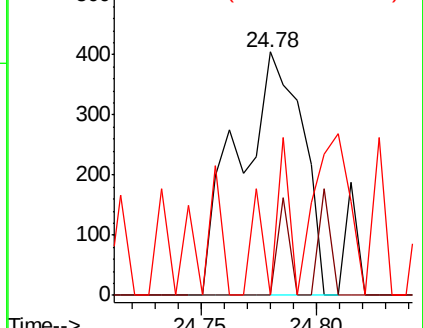
125 0.0 6.7 10.1#



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: 0.003 ng

RT: 29.79 min Scan# 4545

Delta R.T. -0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

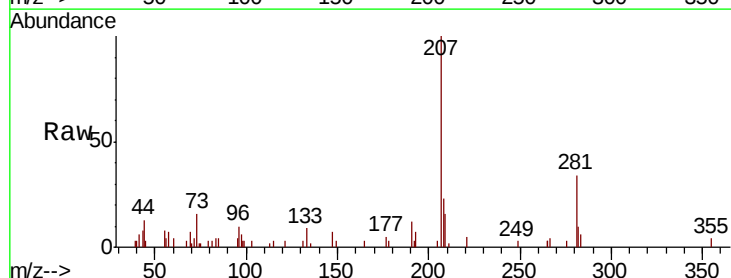
Tgt Ion:276 Resp: 74

Ion Ratio Lower Upper

276 100

277 0.0 19.8 29.8#

138 0.0 12.8 19.2#



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

