

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042336.D
 Acq On : 19 Aug 2019 21:09
 Operator : HP/JU
 Sample : K4237-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 04:24:45 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	8.00	152	69260	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	273380	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	198911	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	436175	20.00	ng	0.00
76) Chrysene-d12	21.69	240	438404	20.00	ng	0.00
87) Perylene-d12	24.94	264	518247	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	318689	93.23	ng	0.01
7) Phenol-d6	7.18	99	442021	95.21	ng	0.01
23) Nitrobenzene-d5	9.17	82	242313	62.34	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	220863	81.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	648811	55.20	ng	0.00
79) Terphenyl-d14	20.03	244	1035901	51.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	166	0.113	ng	# 1
3) Pyridine	3.95	79	53	0.014	ng	# 1
4) n-Nitrosodimethylamine	3.76	42	333	0.256	ng	# 1
6) Aniline	7.53	93	461	0.075	ng	# 1
9) Benzaldehyde	7.18	77	678	0.260	ng	# 1
10) Phenol	7.20	94	4438	0.940	ng	# 9
11) bis(2-Chloroethyl)ether	7.53	93	461	0.124	ng	# 1
15) Benzyl Alcohol	8.33	79	3502	1.097	ng	# 40
19) n-Nitroso-di-n-propylamine	9.17	70	31532	10.559	ng	# 69
24) Nitrobenzene	9.17	77	807	0.204	ng	# 33
25) Isophorone	9.57	82	115	0.015	ng	# 59
46) 1,1'-Biphenyl	13.49	154	937	0.072	ng	# 41
48) 2-Nitroaniline	14.11	65	1235	0.472	ng	# 1
50) Dimethylphthalate	14.11	163	197755	13.991	ng	# 99
51) 2,6-Dinitrotoluene	14.11	165	2193	0.663	ng	# 34
52) Acenaphthene	14.67	154	601	0.059	ng	# 5
57) 2,4-Dinitrotoluene	14.66	165	25550	5.524	ng	# 38
58) Fluorene	16.16	166	8170	0.608	ng	# 91
60) Diethylphthalate	15.48	149	323	0.024	ng	# 55
63) Azobenzene	16.15	77	612	0.064	ng	# 6
65) 4,6-Dinitro-2-methylphenol	16.15	198	526	0.198	ng	# 1
66) n-Nitrosodiphenylamine	16.16	169	6395	0.524	ng	# 46
67) 4-Bromophenyl-phenylether	16.16	248	15797	2.846	ng	# 1
71) Phenanthrene	17.46	178	132	0.006	ng	# 18
72) Anthracene	17.46	178	132	0.006	ng	# 18
73) Carbazole	17.42	167	60	0.003	ng	# 1
74) Di-n-butylphthalate	18.38	149	1562	0.070	ng	# 76
75) Fluoranthene	19.48	202	495	0.019	ng	# 64
77) Benzidine	20.03	184	12919	1.111	ng	# 94
78) Pyrene	19.83	202	412	0.015	ng	# 44
80) Butylbenzylphthalate	20.72	149	270	0.025	ng	# 41
81) Benzo(a)anthracene	21.69	228	1523	0.057	ng	# 74
82) 3,3'-Dichlorobenzidine	21.57	252	68	0.006	ng	# 1
83) Chrysene	21.74	228	402	0.016	ng	# 47

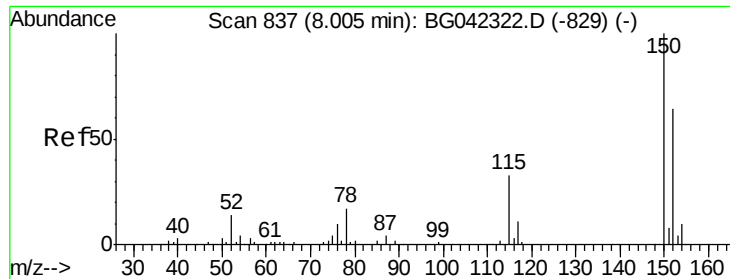
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042336.D
Acq On : 19 Aug 2019 21:09
Operator : HP/JU
Sample : K4237-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 20 04:24:45 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)
84) Bis(2-ethylhexyl)phthalate	21.58	149	2461	0.165	ng	# 87
85) Di-n-octyl phthalate	22.79	149	358	0.014	ng	# 1
88) Benzo(b)fluoranthene	23.90	252	377	0.013	ng	# 1
89) Benzo(k)fluoranthene	23.97	252	232	0.008	ng	# 1
90) Benzo(a)pyrene	24.78	252	373	0.014	ng	# 17

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

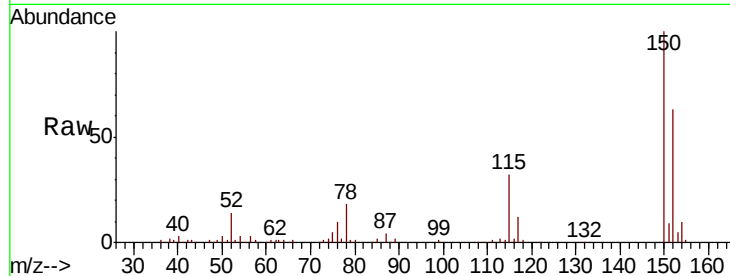


#1

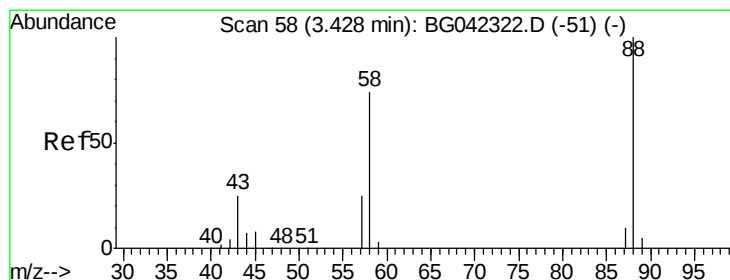
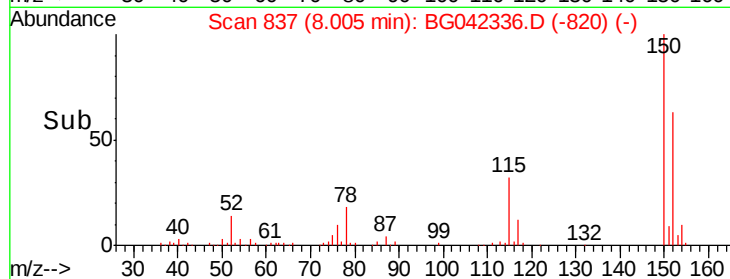
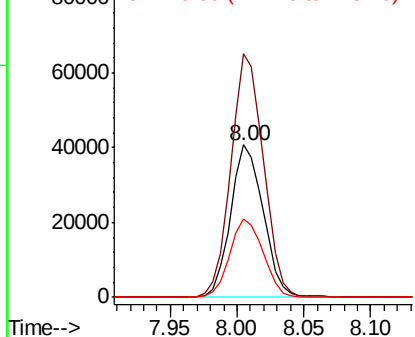
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69260
Ion Ratio Lower Upper
152 100
150 159.9 124.3 186.5
115 51.6 40.5 60.7



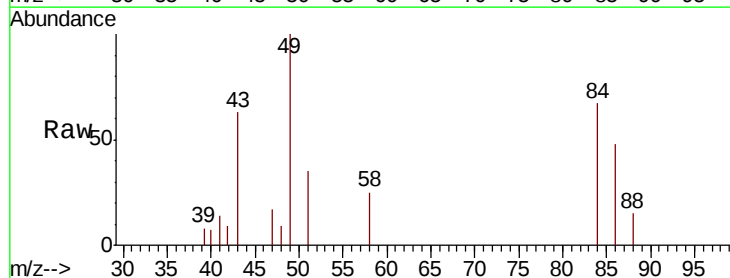
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



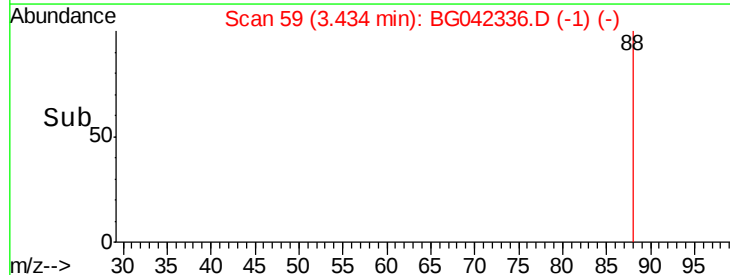
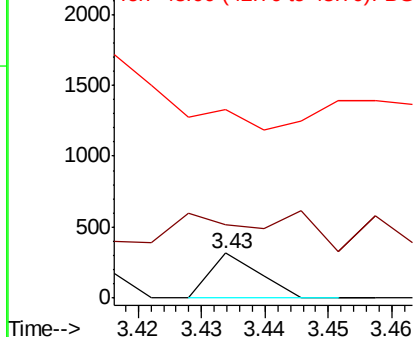
#2

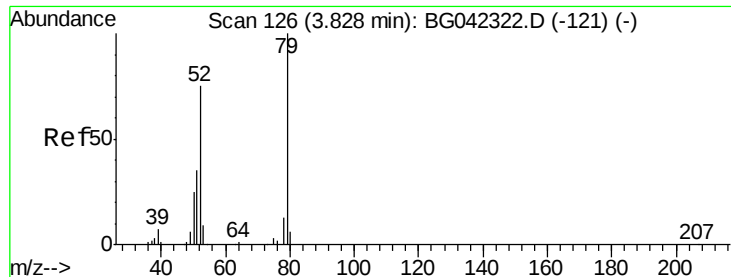
1,4-Dioxane
Concen: 0.113 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Tgt Ion: 88 Resp: 166
Ion Ratio Lower Upper
88 100
58 239.2 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





#3

Pvridine

Concen: 0.014 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.12 min

Lab File: BG042336.D

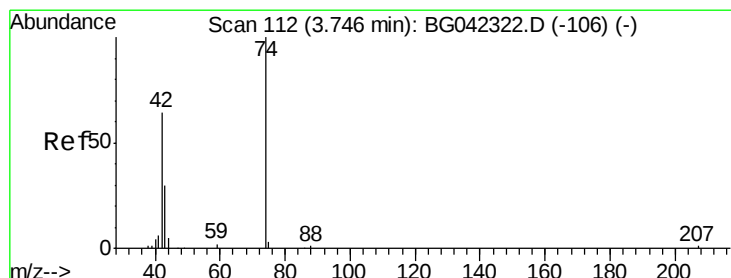
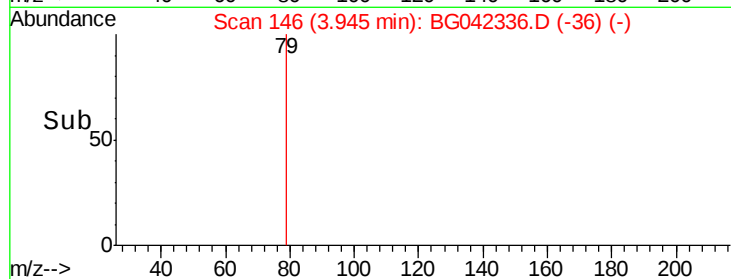
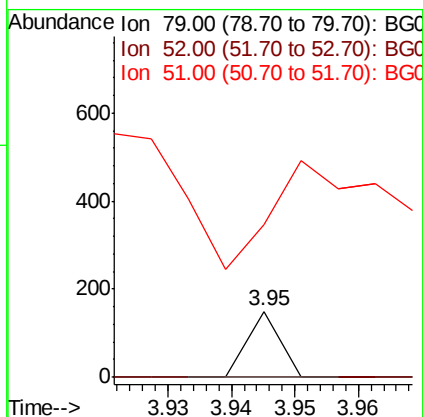
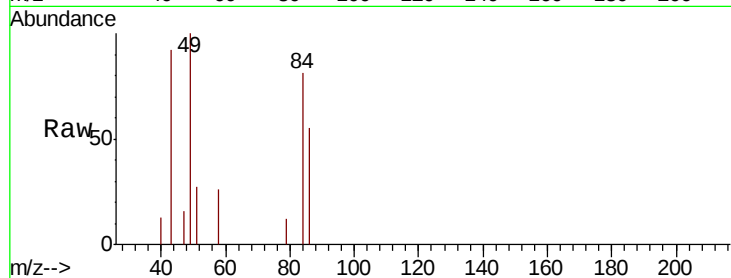
Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	79	Resp:	53
Ion	Ratio	Lower	Upper
79	100		
52	0.0	60.0	90.0#
51	232.0	28.6	42.8#



#4

n-Nitrosodimethylamine

Concen: 0.256 ng

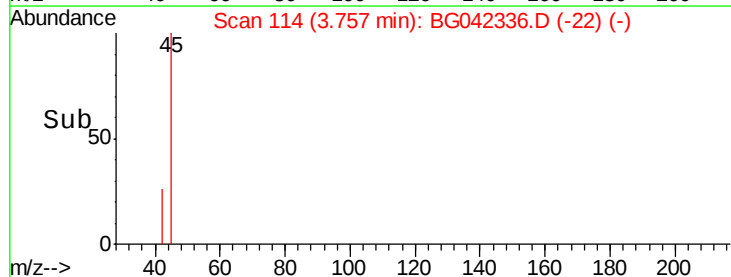
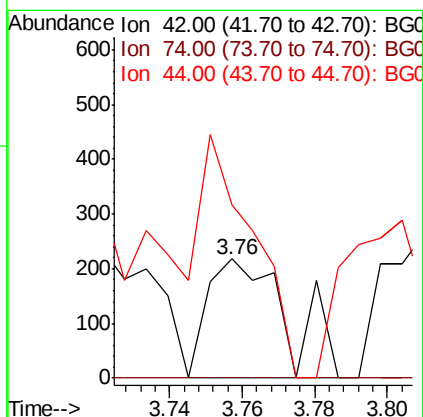
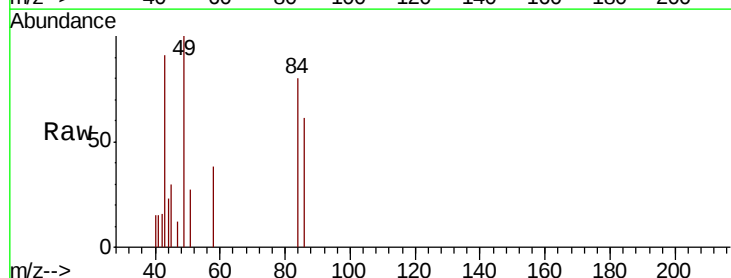
RT: 3.76 min Scan# 114

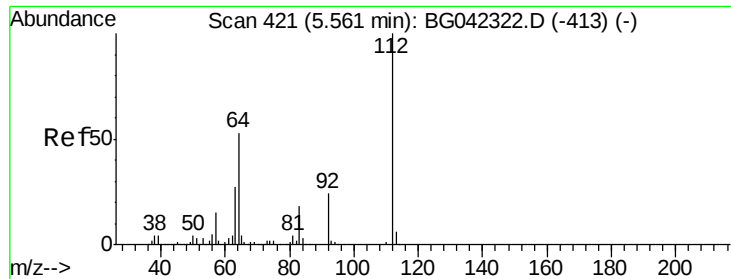
Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Tgt Ion:	42	Resp:	333
Ion	Ratio	Lower	Upper
42	100		
74	0.0	124.2	186.2#
44	145.0	6.5	9.7#





#5

2-Fluorophenol

Concen: 93.228 ng

RT: 5.57 min Scan# 423

Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampled :

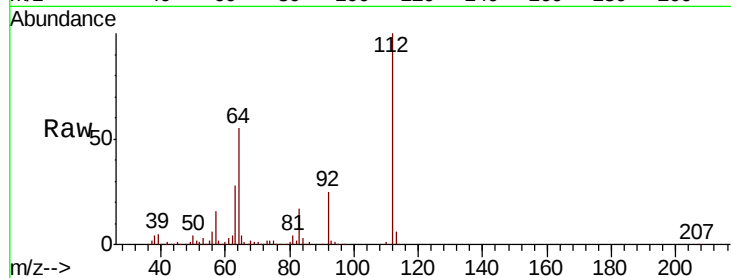
Tot Ion:112 Resp: 318689

Ion Ratio Lower Upper

112 100

64 54.8 42.5 63.7

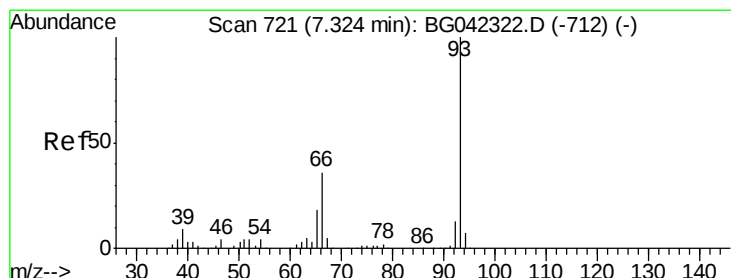
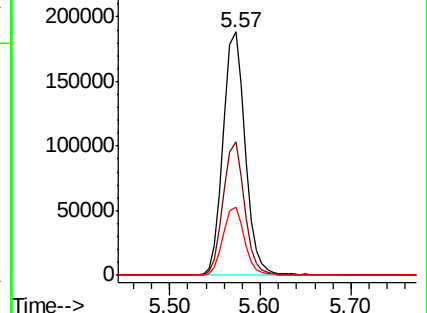
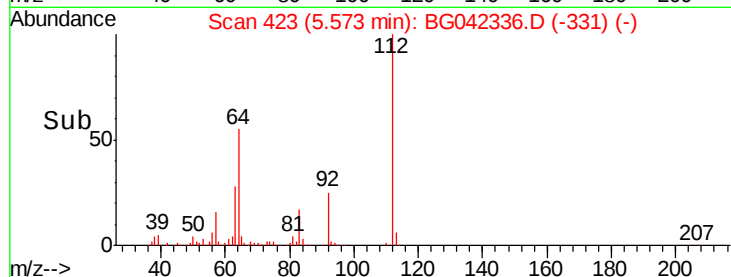
63 28.1 21.7 32.5



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: 0.075 ng

RT: 7.53 min Scan# 757

Delta R.T. 0.21 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

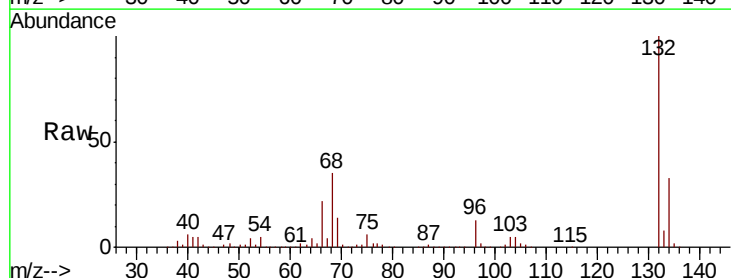
Tgt Ion: 93 Resp: 461

Ion Ratio Lower Upper

93 100

66 10120.8 29.1 43.7#

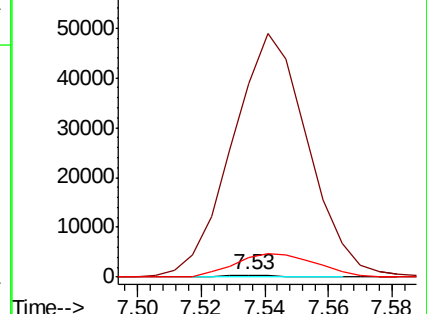
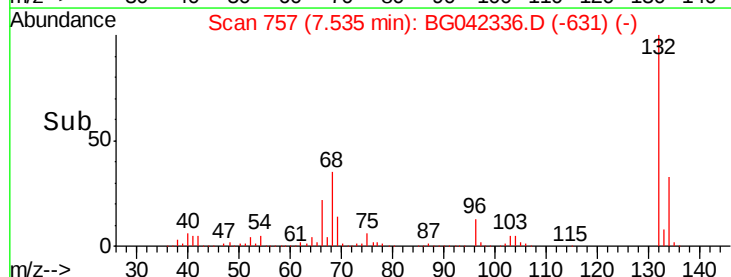
65 993.2 14.7 22.1#

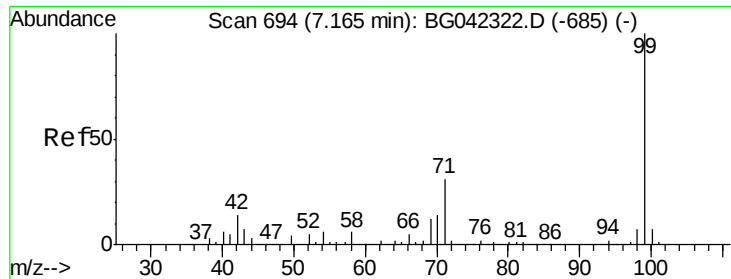


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.210 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

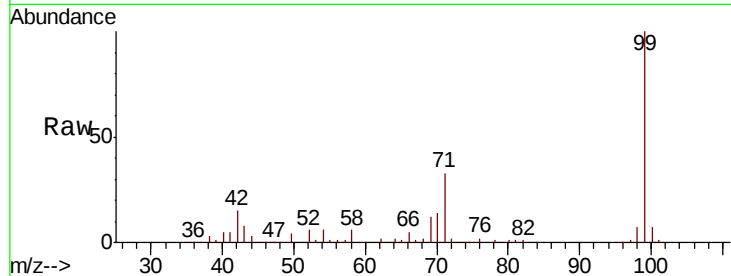
Tot Ion: 99 Resp: 442021

Ion Ratio Lower Upper

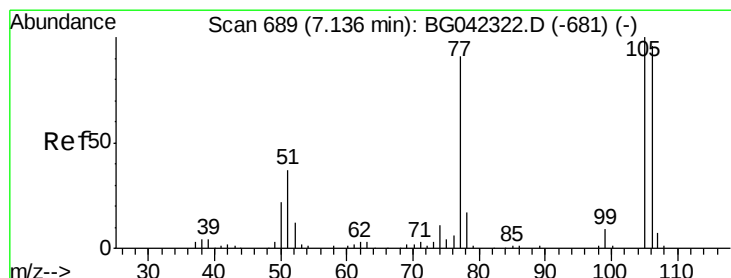
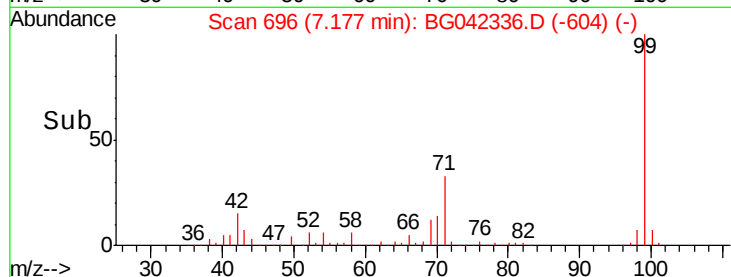
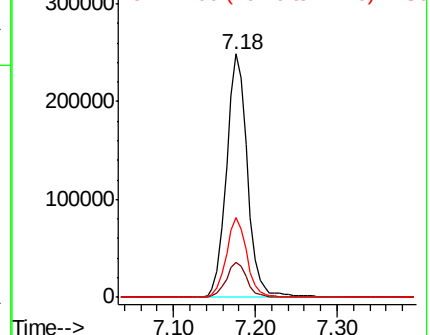
99 100

42 14.6 11.4 17.0

71 32.7 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



#9

Benzaldehyde

Concen: 0.260 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.05 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

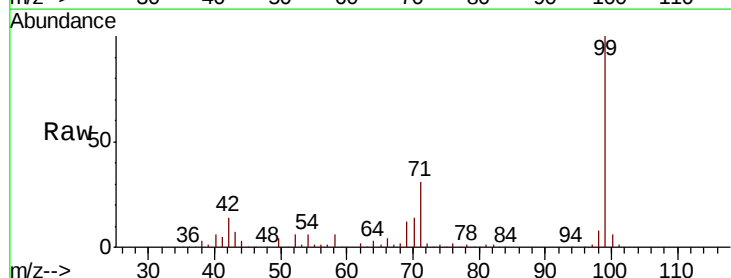
Tgt Ion: 77 Resp: 678

Ion Ratio Lower Upper

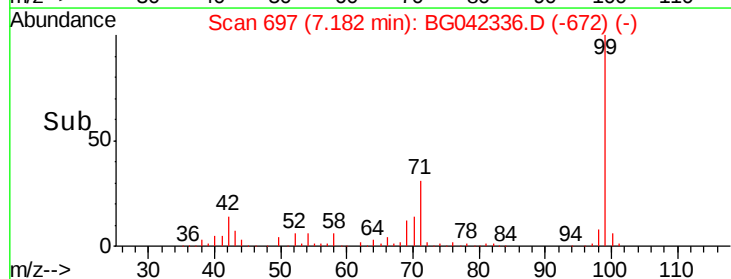
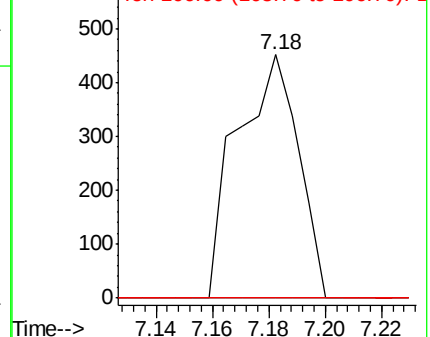
77 100

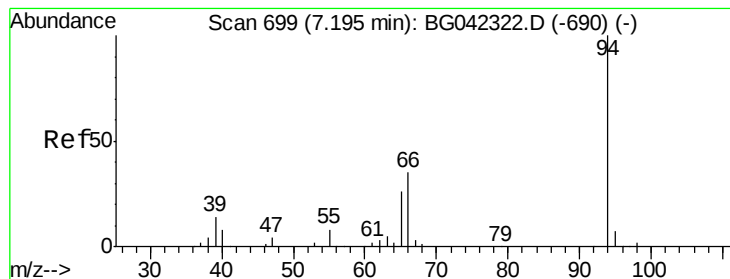
105 0.0 89.8 129.8#

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): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 0.940 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

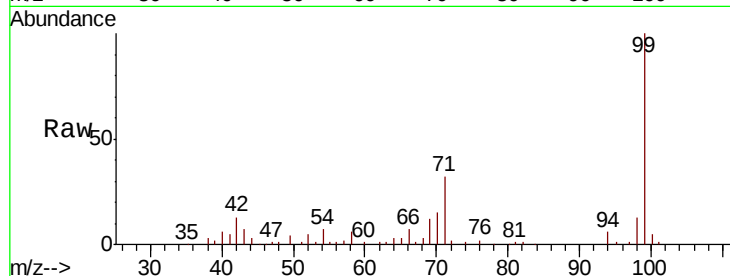
Tot Ion: 94 Resp: 4438

Ion Ratio Lower Upper

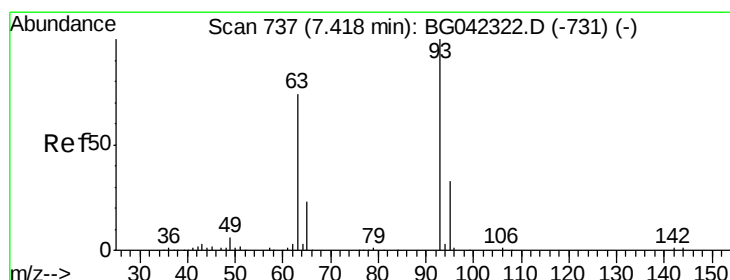
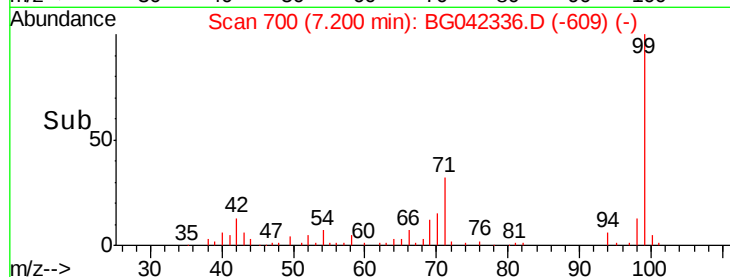
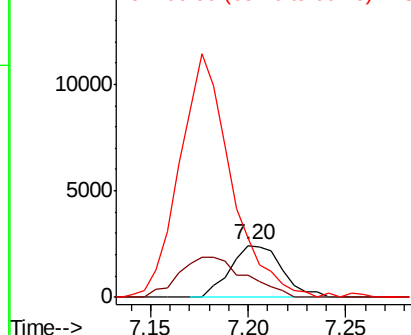
94 100

65 41.6 6.1 46.1

66 114.7 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: 0.124 ng

RT: 7.53 min Scan# 757

Delta R.T. 0.12 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

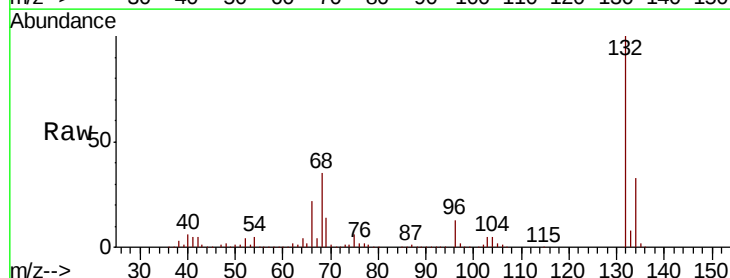
Tgt Ion: 93 Resp: 461

Ion Ratio Lower Upper

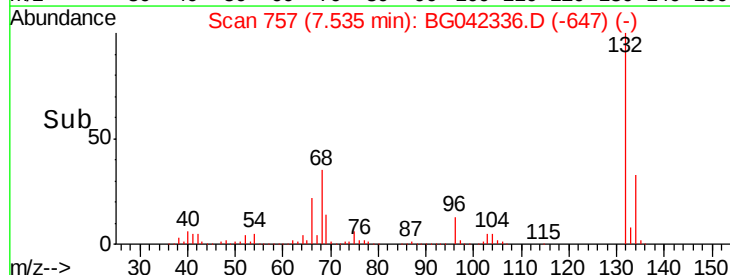
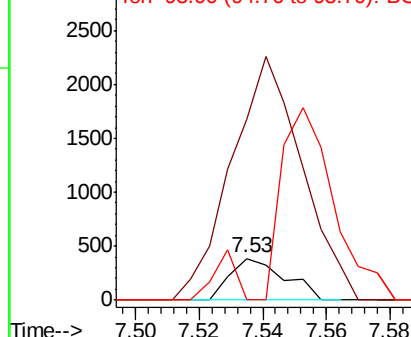
93 100

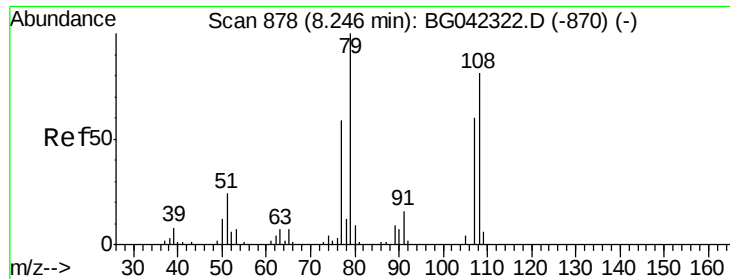
63 438.3 53.0 93.0#

95 0.0 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: 1.097 ng

RT: 8.33 min Scan# 893

Delta R.T. 0.09 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

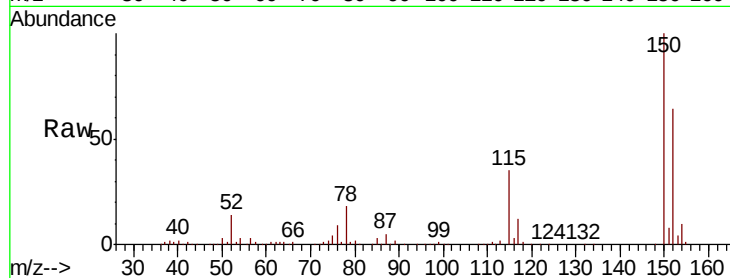
Tot Ion: 79 Resp: 3502

Ion Ratio Lower Upper

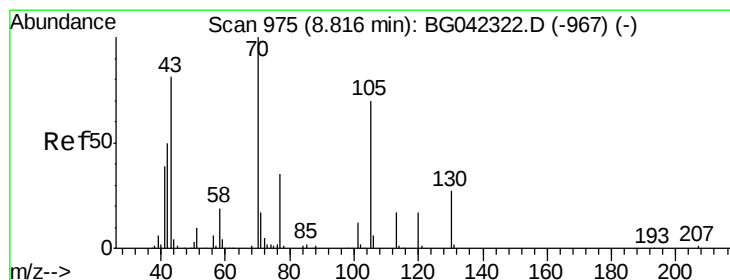
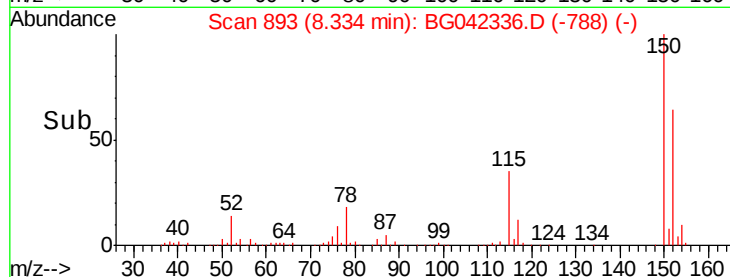
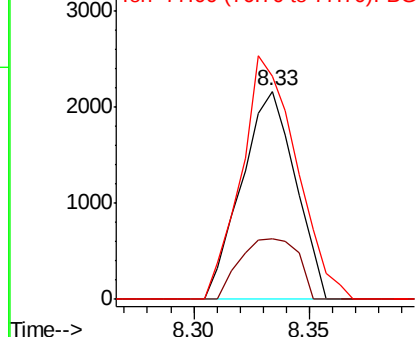
79 100

108 29.2 64.8 97.2#

77 107.1 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: 10.559 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Tgt Ion: 70 Resp: 31532

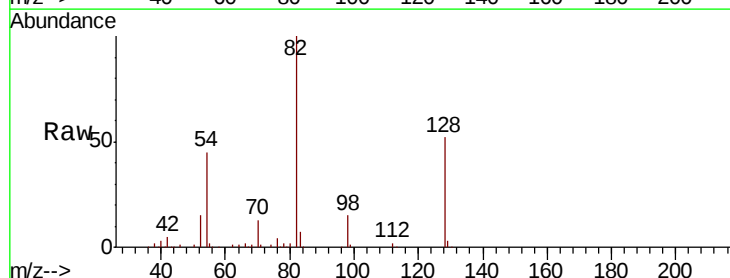
Ion Ratio Lower Upper

70 100

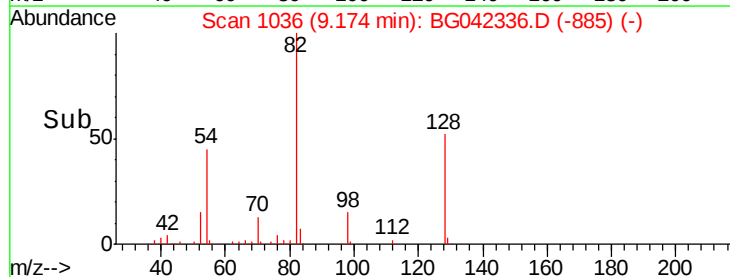
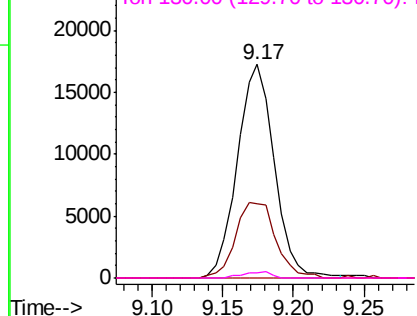
42 34.9 40.5 60.7#

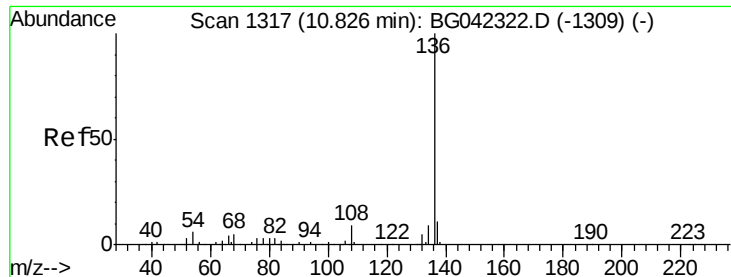
101 0.0 9.3 13.9#

130 2.3 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

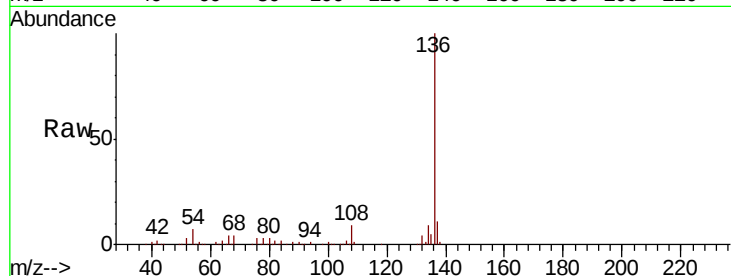




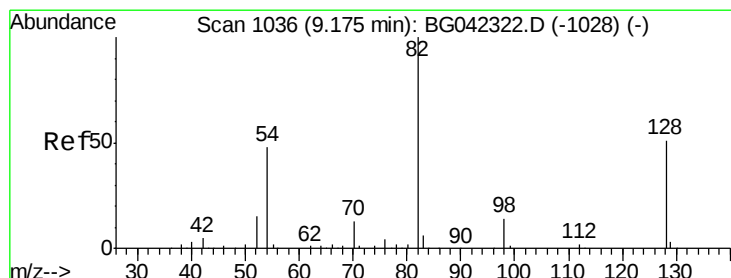
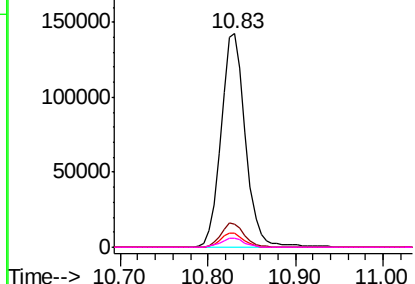
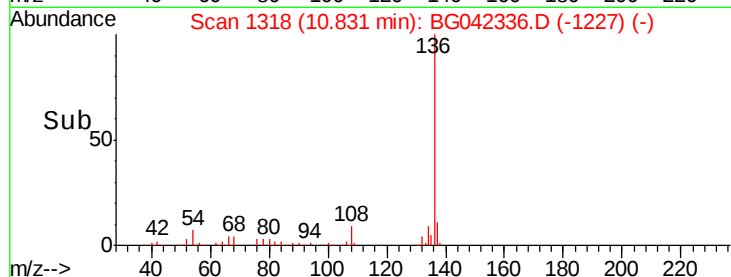
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	273380
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.4	12.6
54 6.7	5.0	7.4
68 4.2	3.8	5.8

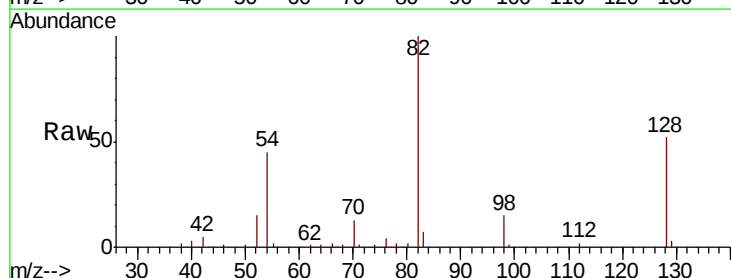


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

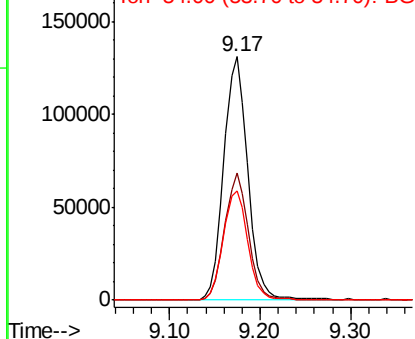
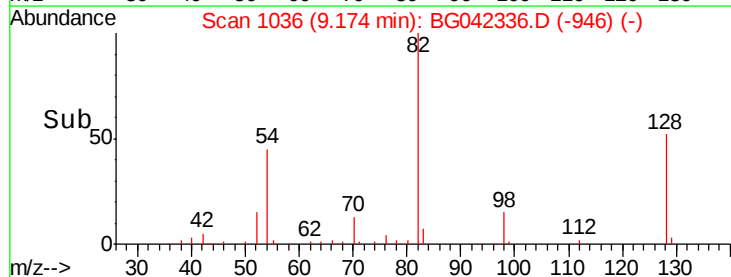


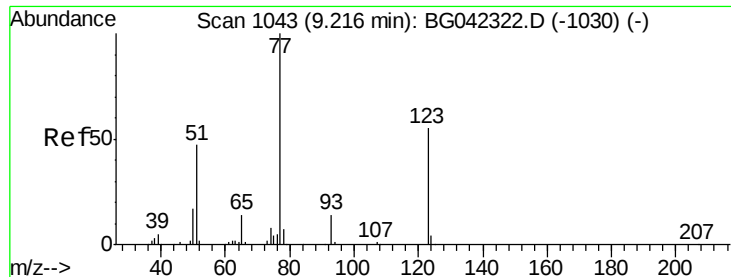
#23
Nitrobenzene-d5
Concen: 62.340 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Tgt Ion: 82	Resp: 242313
Ion Ratio	Lower Upper
82 100	
128 52.1	41.0 61.4
54 44.8	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

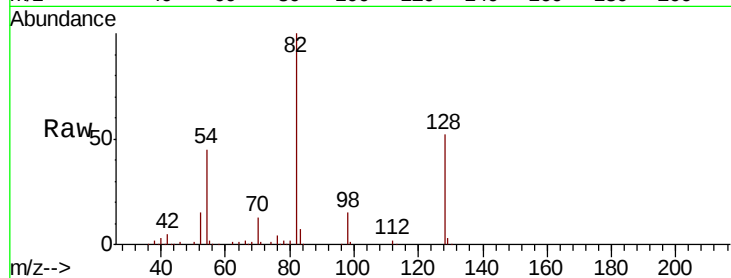




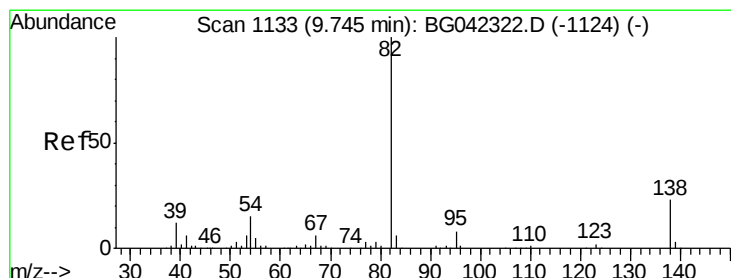
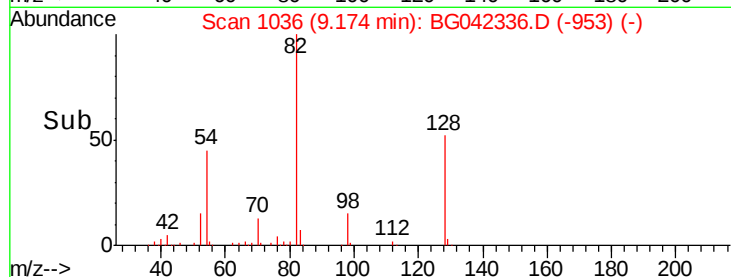
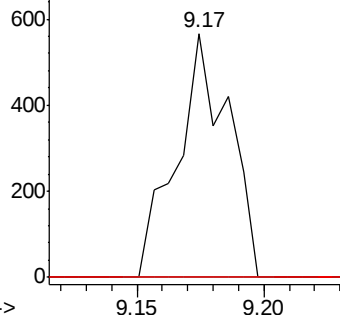
#24
Nitrobenzene
Concen: 0.204 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 807
Ion Ratio Lower Upper
77 100
123 0.0 43.7 65.5#
65 0.0 10.9 16.3#

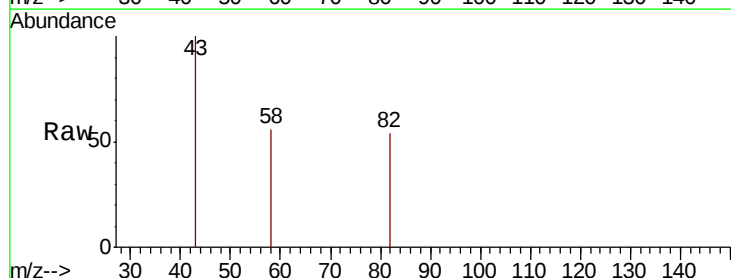


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

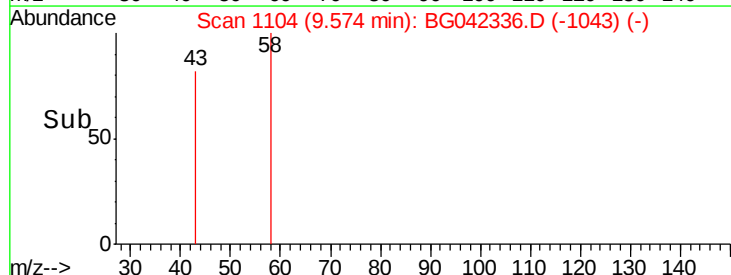
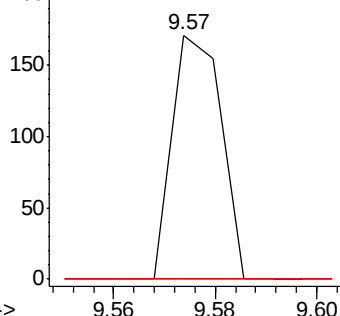


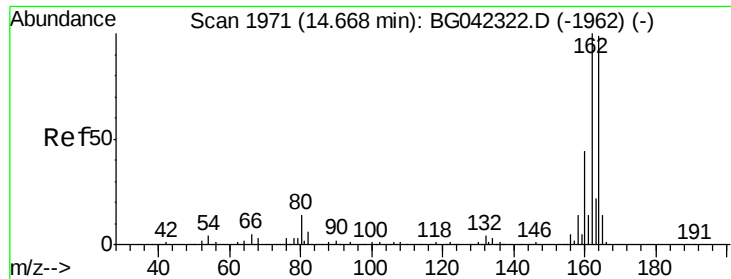
#25
Isophorone
Concen: 0.015 ng
RT: 9.57 min Scan# 1104
Delta R.T. -0.17 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Tgt Ion: 82 Resp: 115
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 18.2 27.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

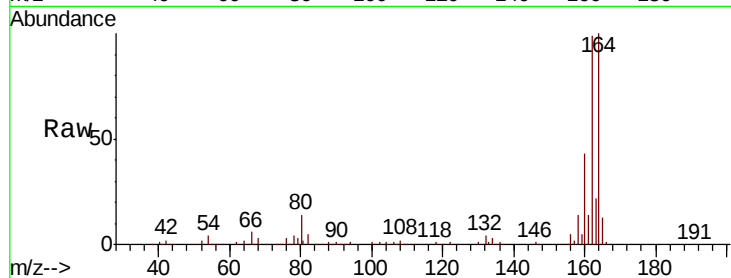




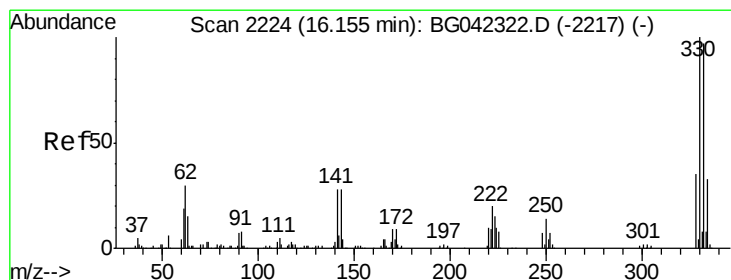
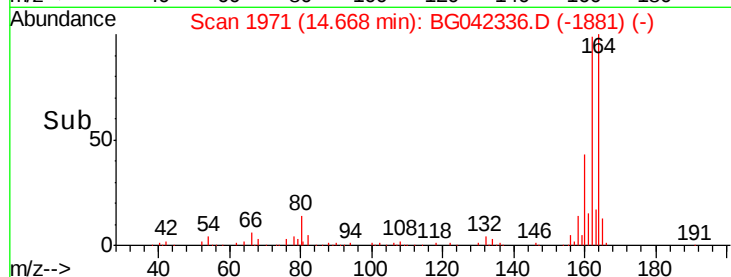
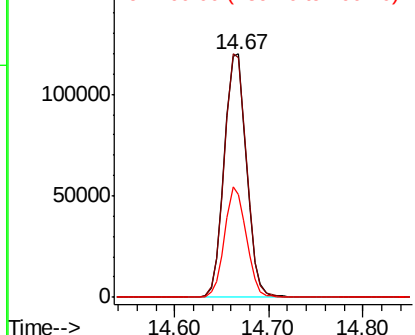
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.6	120.8
160	42.6	35.7	53.5

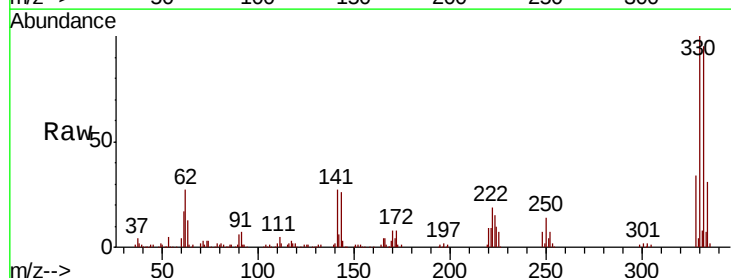


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

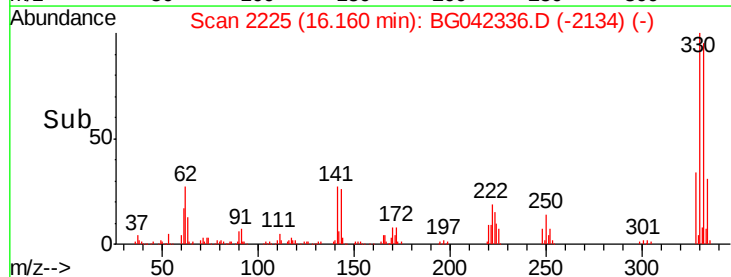
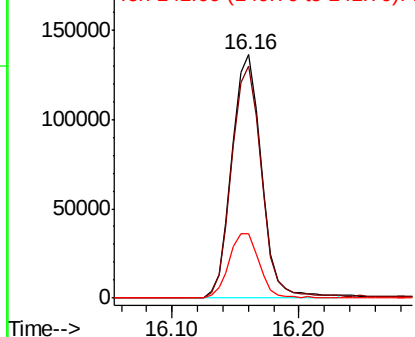


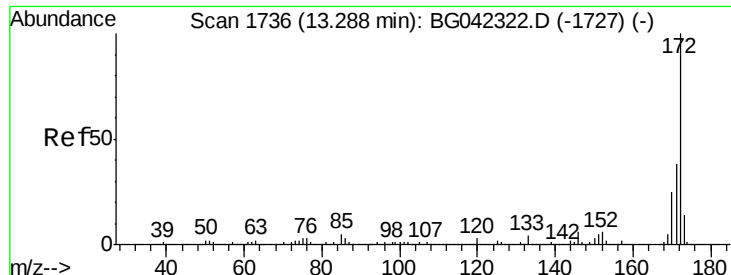
#42
2,4,6-Tribromophenol
Concen: 81.526 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	27.4	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

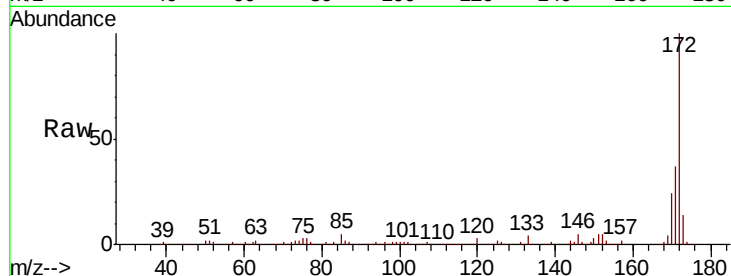




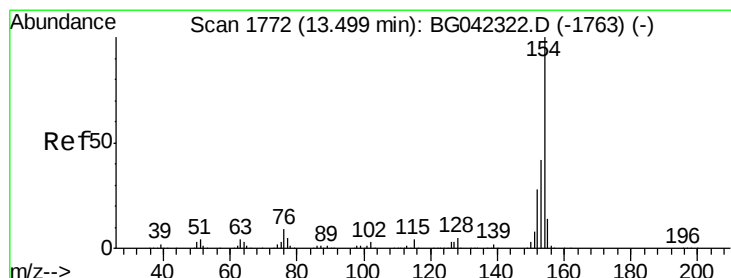
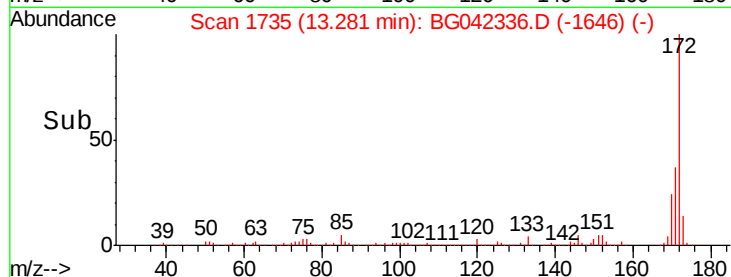
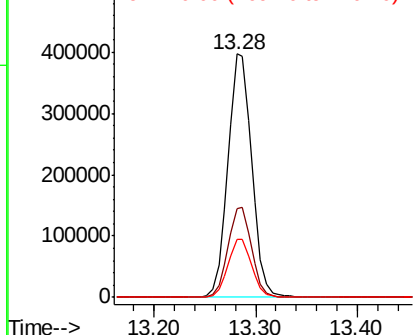
#45
 2-Fluorobiphenyl
 Concen: 55.195 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 648811
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.3 45.5
 170 23.9 20.0 30.0

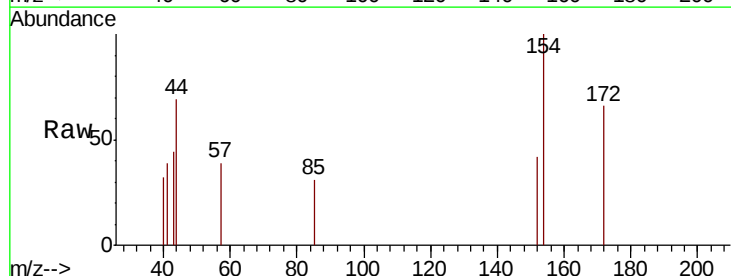


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

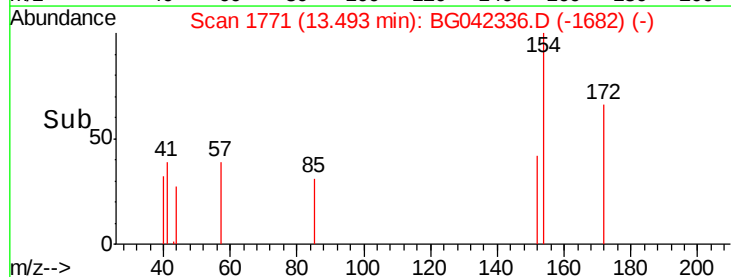
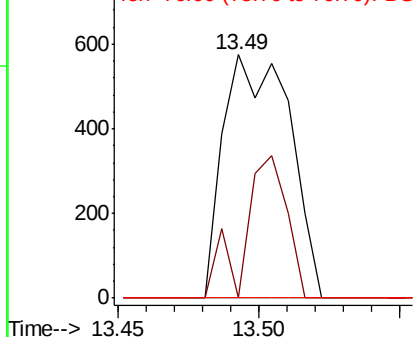


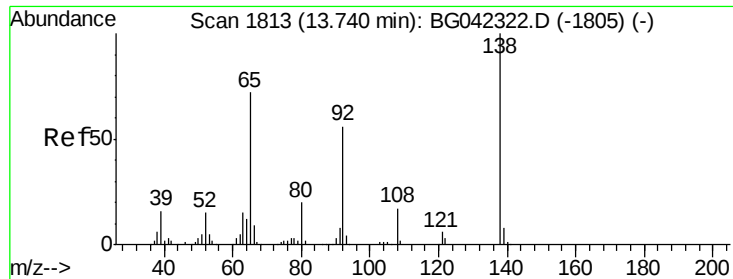
#46
 1,1'-Biphenyl
 Concen: 0.072 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Tgt Ion:154 Resp: 937
 Ion Ratio Lower Upper
 154 100
 153 0.0 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

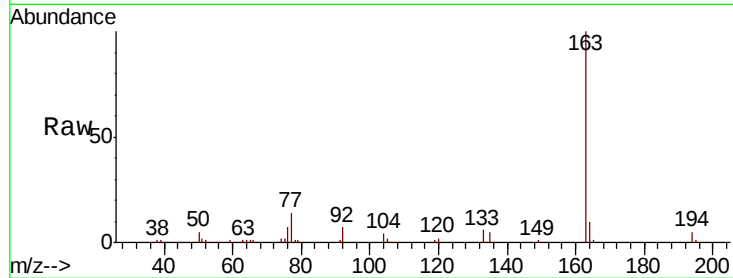




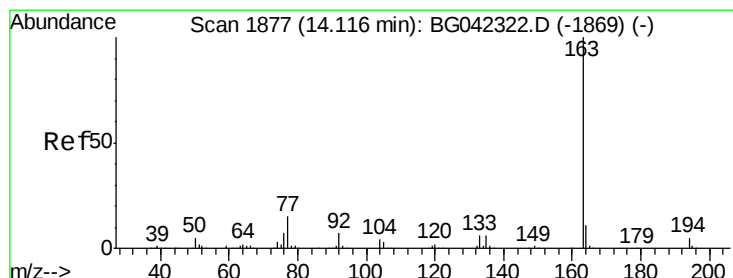
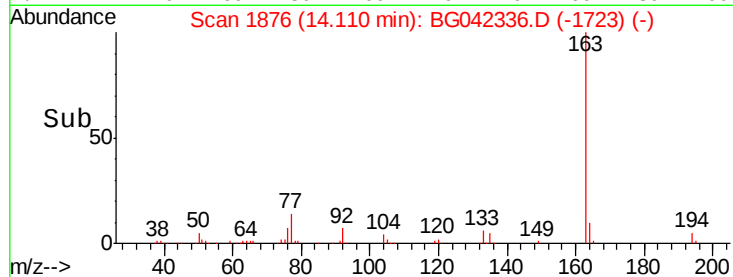
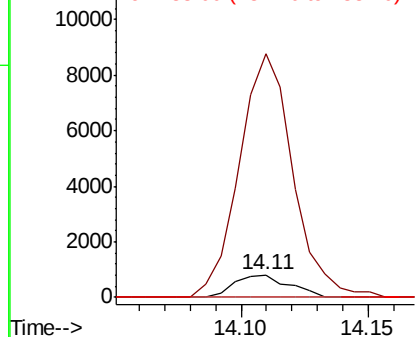
#48
2-Nitroaniline
Concen: 0.472 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.37 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 1235
Ion Ratio Lower Upper
65 100
92 1090.5 62.6 94.0#
138 0.0 111.5 167.3#

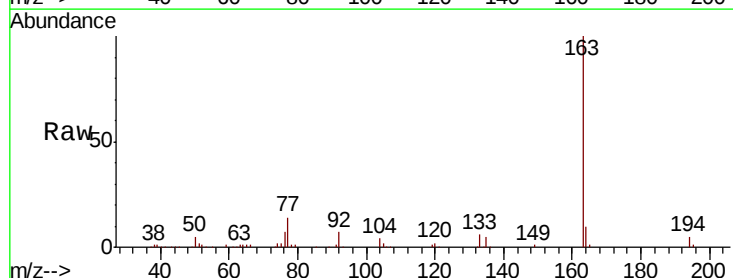


Abundance Ion 65.00 (64.70 to 65.70): BG042322.D (-1805) (-)
Ion 92.00 (91.70 to 92.70): BG042322.D (-1805) (-)
Ion 138.00 (137.70 to 138.70): BG042322.D (-1805) (-)

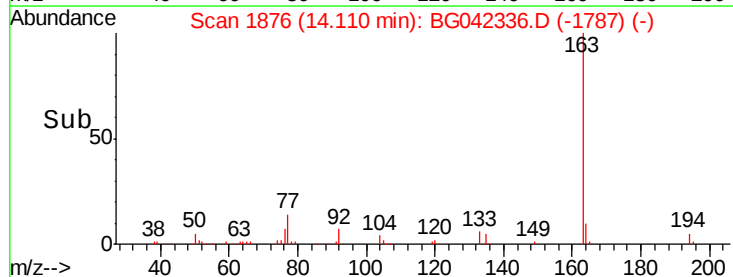
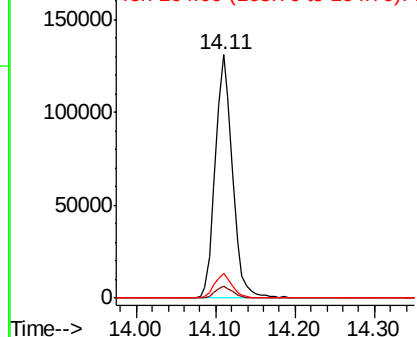


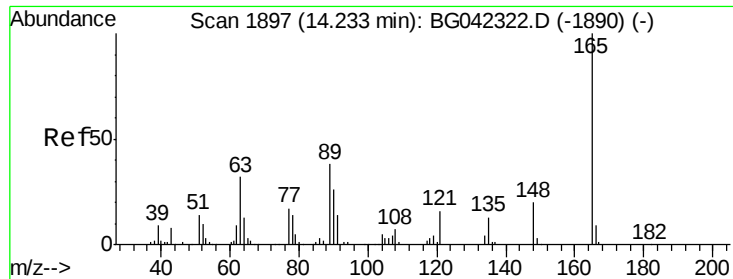
#50
Dimethylphthalate
Concen: 13.991 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Tgt Ion:163 Resp: 197755
Ion Ratio Lower Upper
163 100
194 4.9 4.2 6.2
164 10.4 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): BG042322.D (-1869) (-)
Ion 194.00 (193.70 to 194.70): BG042322.D (-1869) (-)
Ion 164.00 (163.70 to 164.70): BG042322.D (-1869) (-)

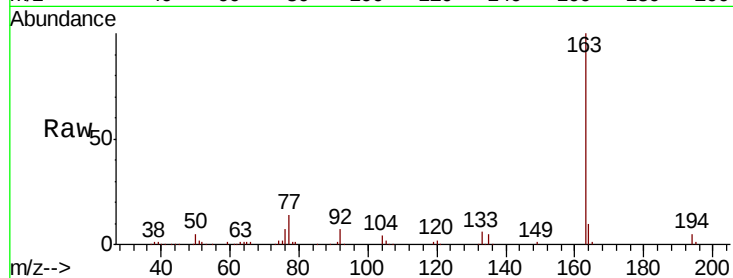




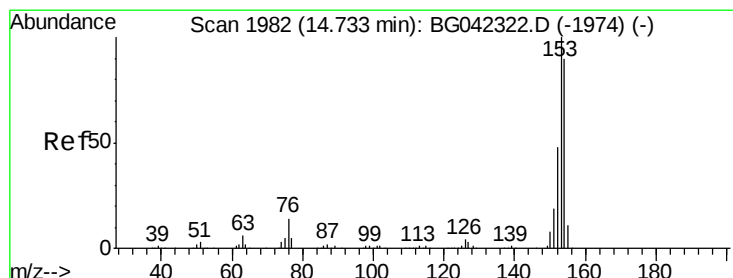
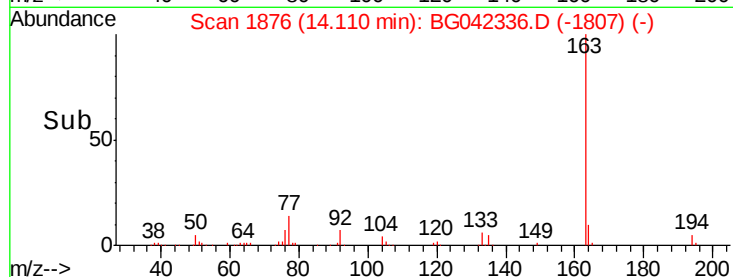
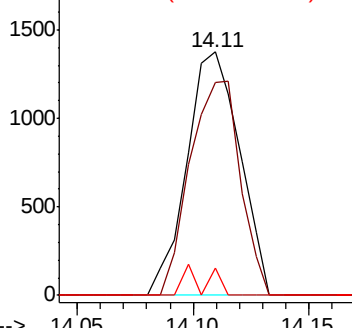
#51
 2,6-Dinitrotoluene
 Concen: 0.663 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.12 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 2193
 Ion Ratio Lower Upper
 165 100
 63 87.5 28.2 42.2#
 89 11.3 30.0 45.0#

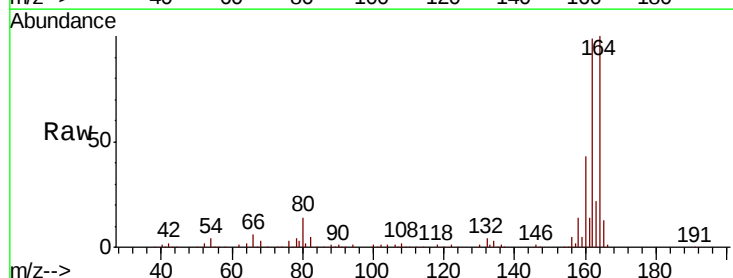


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

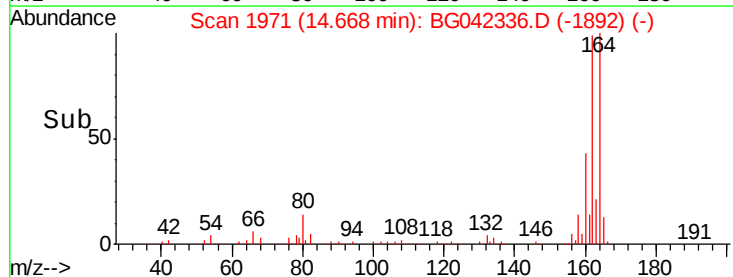
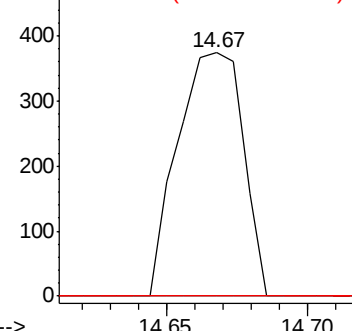


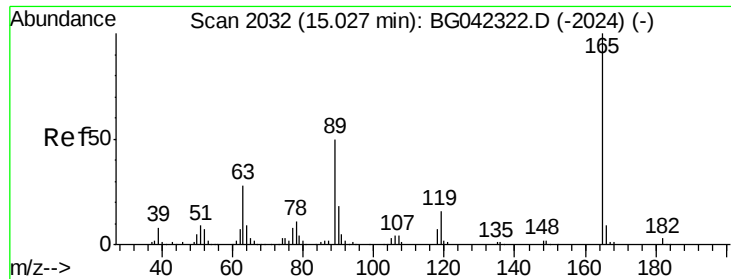
#52
 Acenaphthene
 Concen: 0.059 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.07 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Tgt Ion:154 Resp: 601
 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

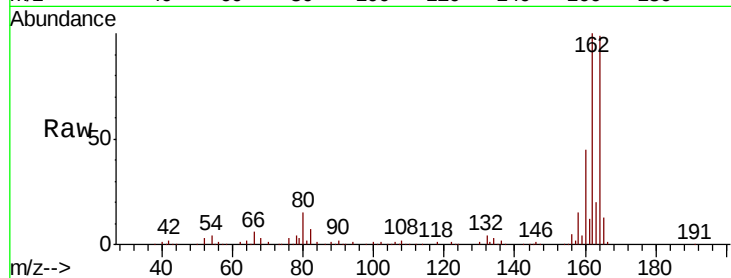




#57
 2,4-Dinitrotoluene
 Concen: 5.524 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.4	33.6#
89	1.3	40.2	60.2#
182	0.0	2.6	3.8#



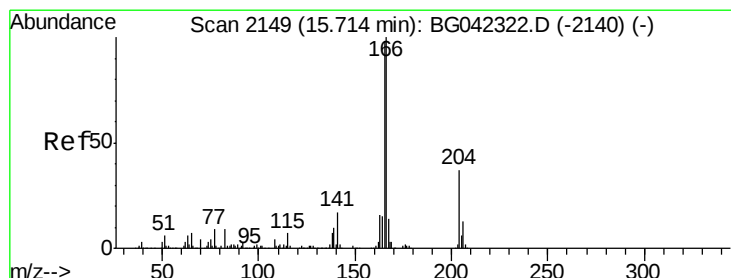
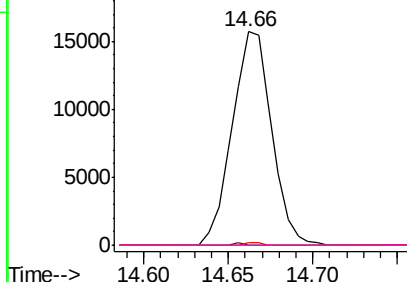
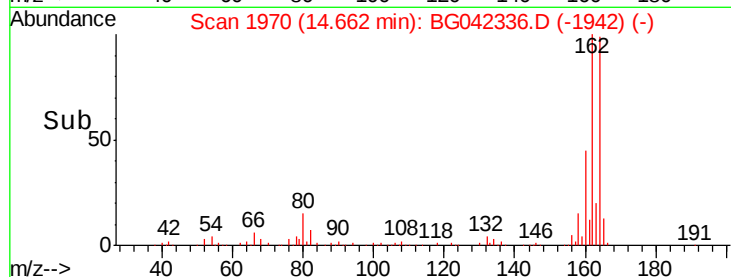
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

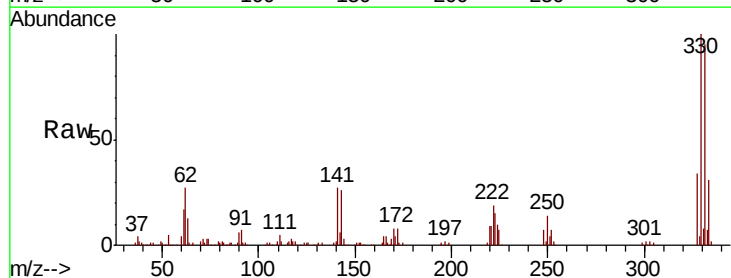
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 0.608 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.45 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	78.7	118.1
167	34.5	11.1	16.7#

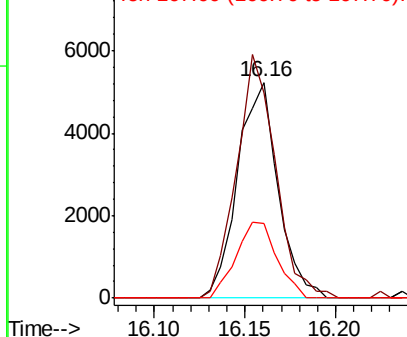
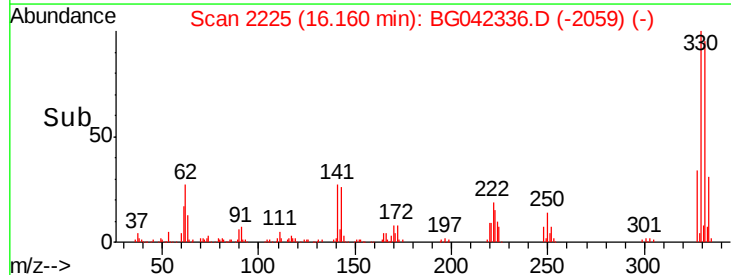


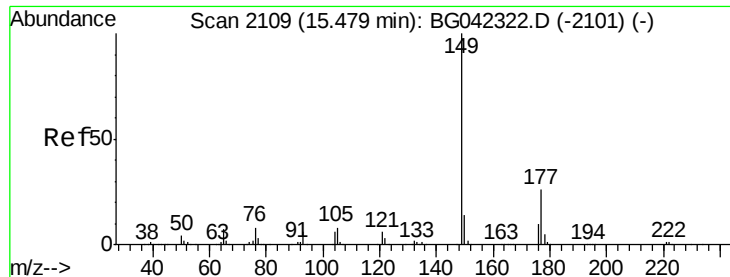
Abundance

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

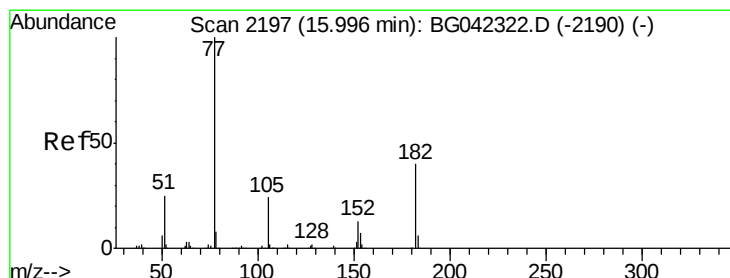
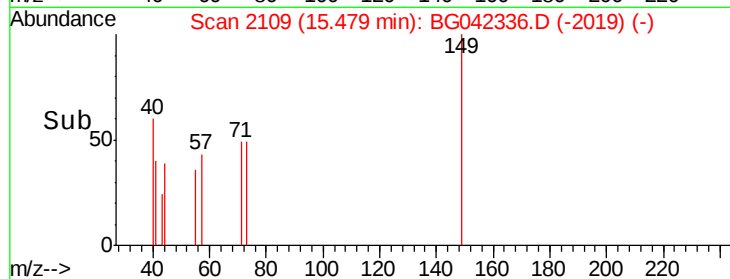
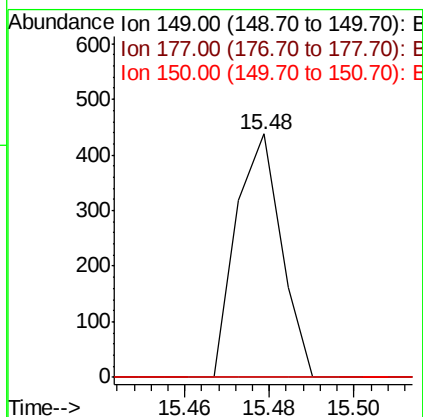
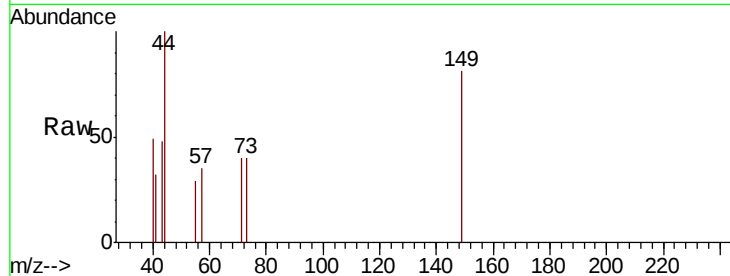




#60
Diethylphthalate
Concen: 0.024 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

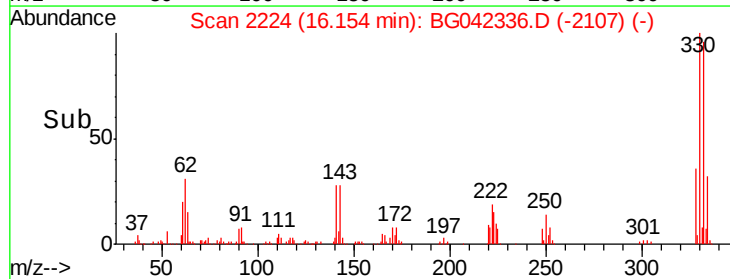
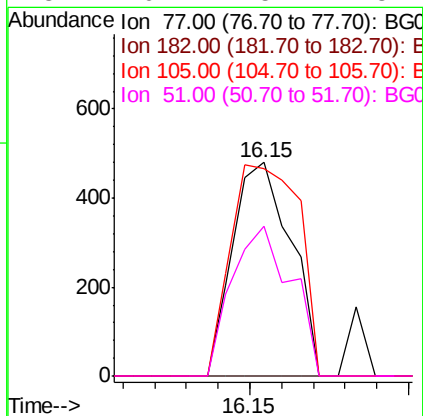
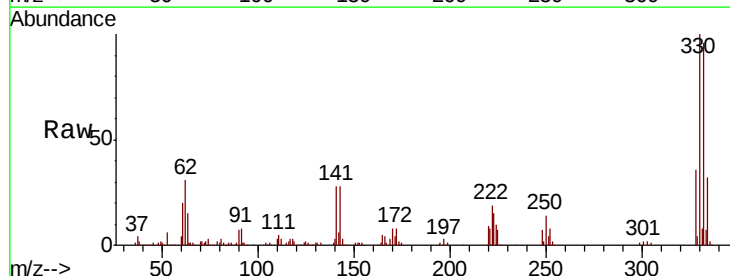
Instrument :
BNA_G
ClientSampleId :

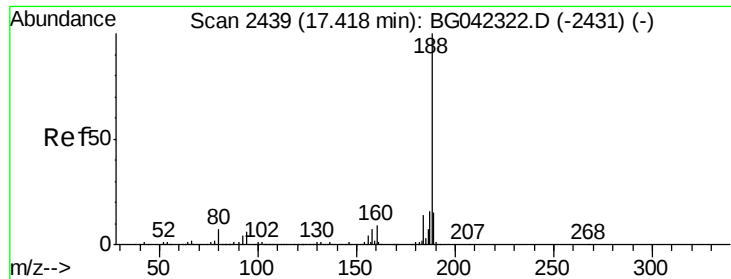
Tot Ion:149 Resp: 323
Ion Ratio Lower Upper
149 100
177 0.0 20.7 31.1#
150 0.0 11.0 16.4#



#63
Azobenzene
Concen: 0.064 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.16 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Tgt Ion: 77 Resp: 612
Ion Ratio Lower Upper
77 100
182 0.0 19.7 59.7#
105 96.9 3.5 43.5#
51 70.2 5.4 45.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

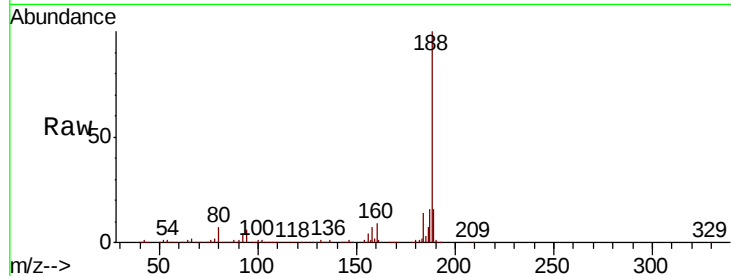
Tot Ion:188 Resp: 436175

Ion Ratio Lower Upper

188 100

94 5.9 4.9 7.3

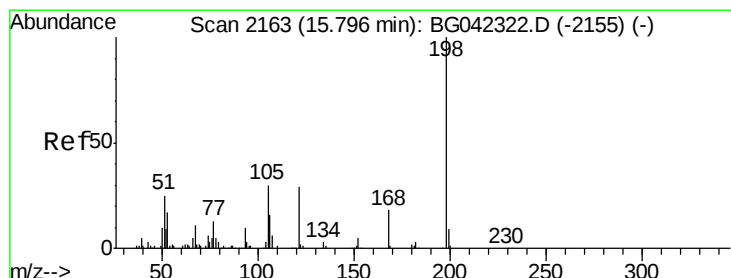
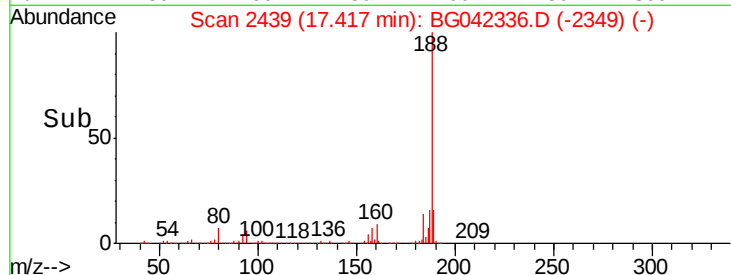
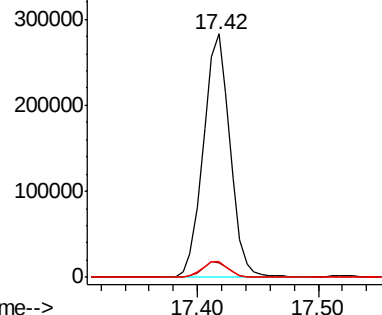
80 6.7 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.198 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.36 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

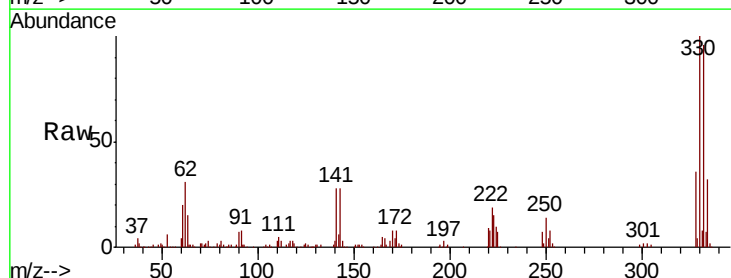
Tgt Ion:198 Resp: 526

Ion Ratio Lower Upper

198 100

51 102.4 6.4 46.4#

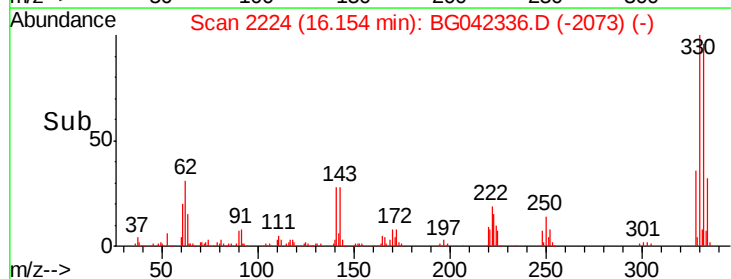
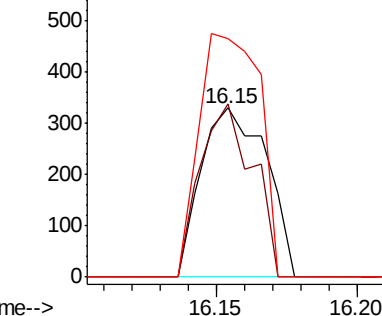
105 141.3 10.0 50.0#

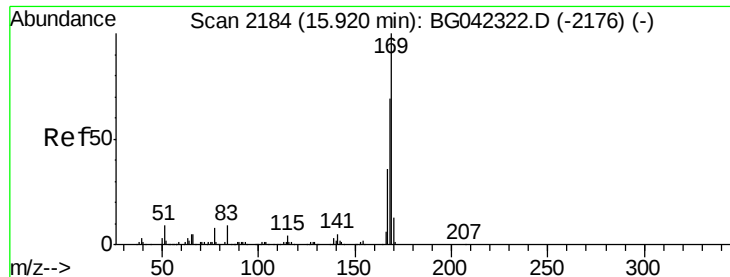


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

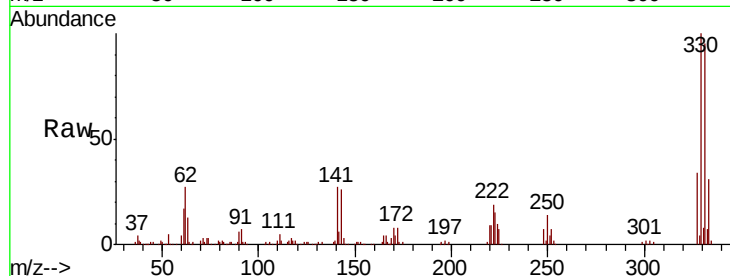




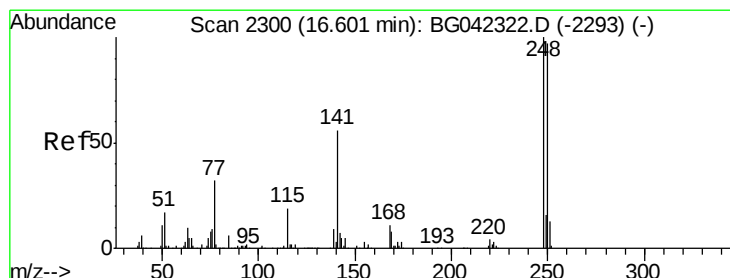
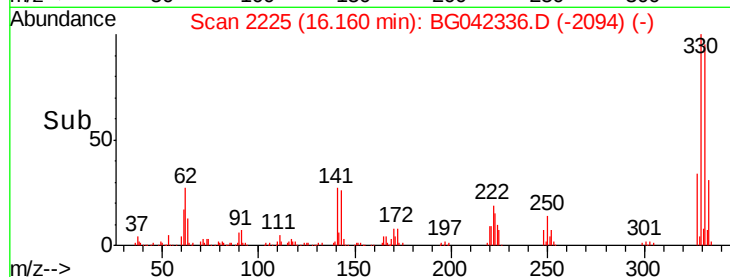
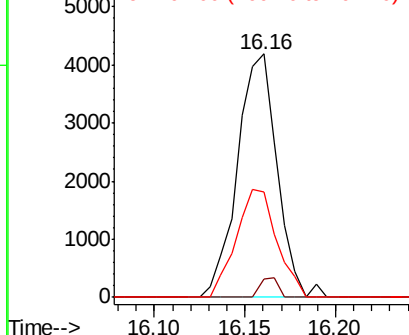
#66
 n-Nitrosodiphenylamine
 Concen: 0.524 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.24 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 6395
 Ion Ratio Lower Upper
 169 100
 168 7.6 55.5 83.3#
 167 43.0 28.9 43.3

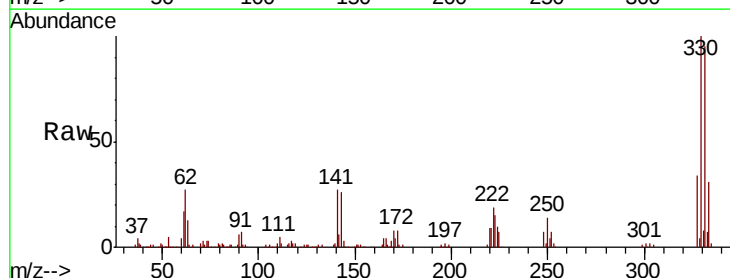


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

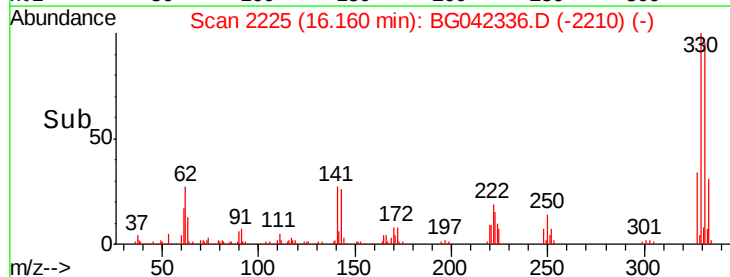
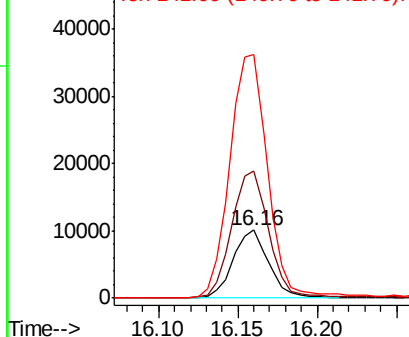


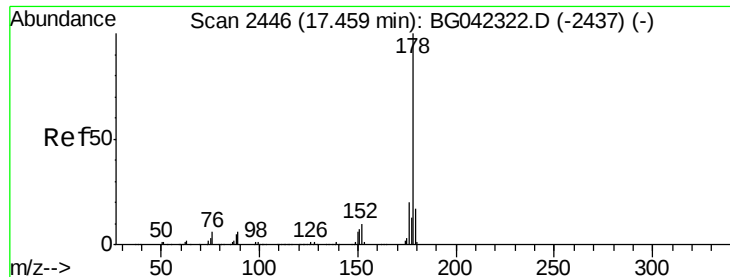
#67
 4-Bromophenyl-phenylether
 Concen: 2.846 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG042336.D
 Acq: 19 Aug 2019 21:09

Tgt Ion:248 Resp: 15797
 Ion Ratio Lower Upper
 248 100
 250 187.7 78.0 117.0#
 141 359.2 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

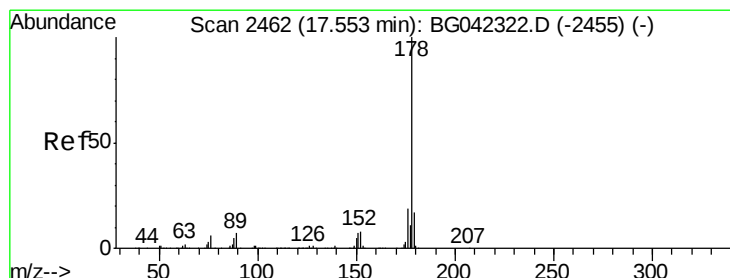
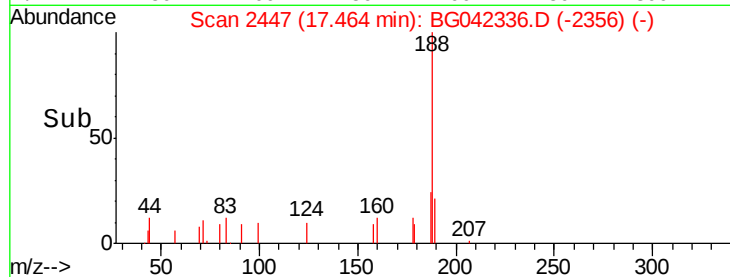
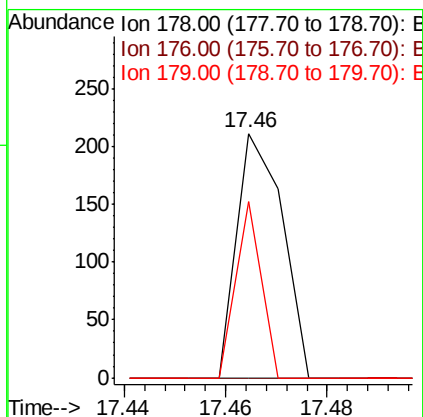
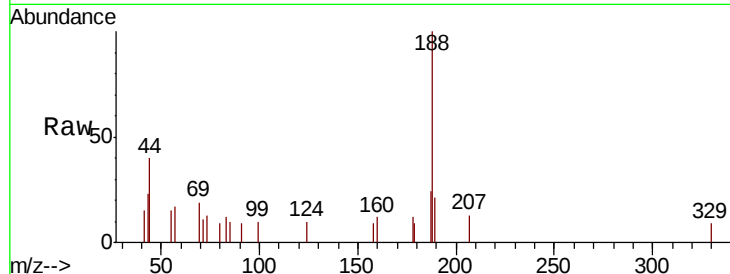




#71
Phenanthrene
Concen: 0.006 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

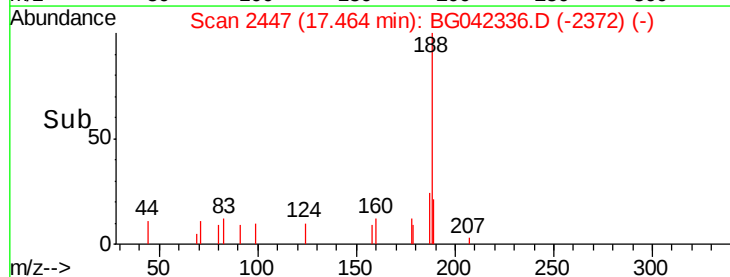
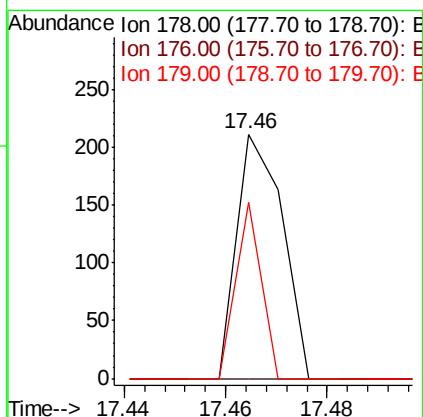
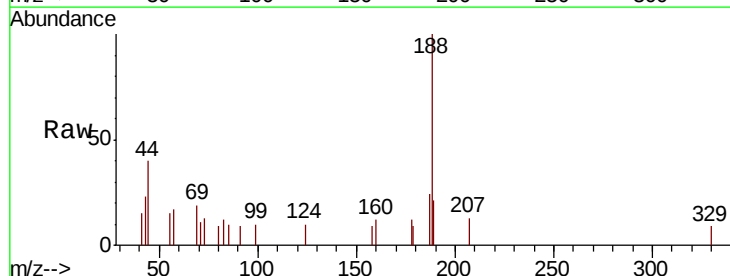
Instrument :
BNA_G
ClientSampleId :

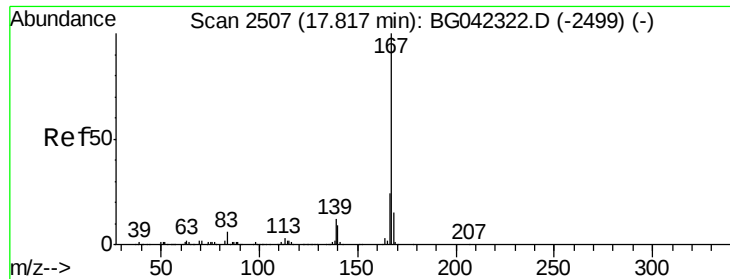
Tot Ion:178 Resp: 132
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 72.0 13.7 20.5#



#72
Anthracene
Concen: 0.006 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.09 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Tgt Ion:178 Resp: 132
Ion Ratio Lower Upper
178 100
176 0.0 15.5 23.3#
179 72.0 13.6 20.4#





#73

Carbazole

Concen: 0.003 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.40 min

Lab File: BG042336.D

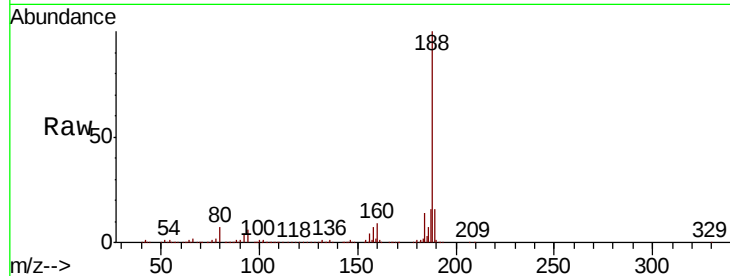
Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	167	Resp:	60
Ion	Ratio	Lower	Upper
167	100		
166	127.5	19.0	28.6#
139	0.0	9.7	14.5#

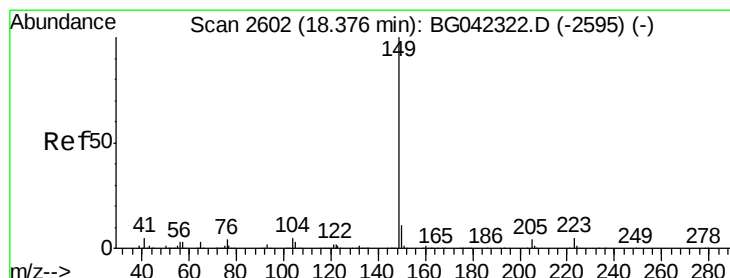
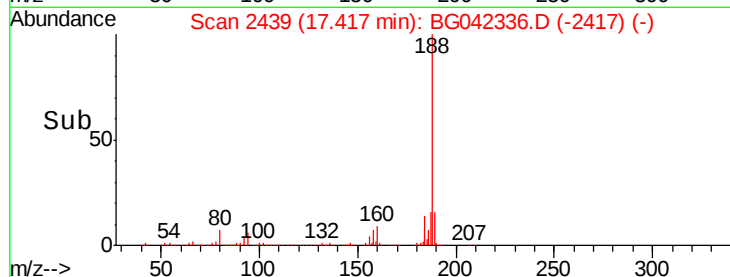
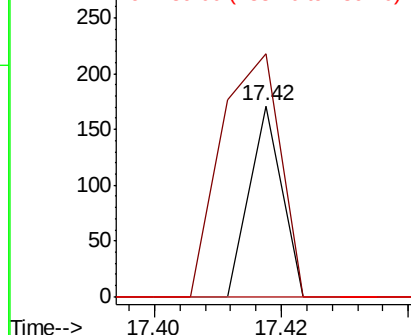


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.070 ng

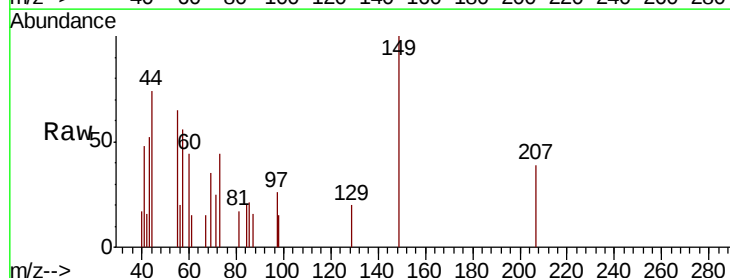
RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Tgt Ion:	149	Resp:	1562
Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.4	12.6#
104	0.0	3.7	5.5#

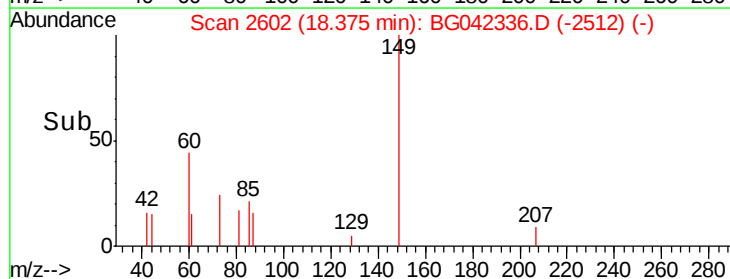
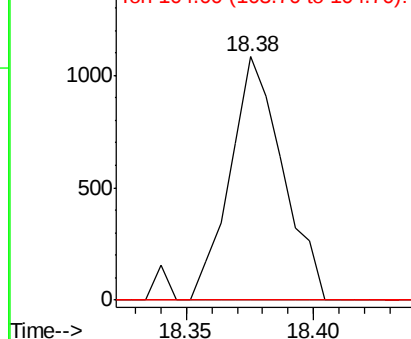


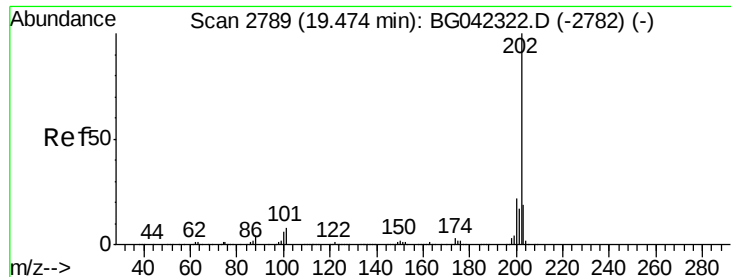
Abundance

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





#75

Fluoranthene

Concen: 0.019 ng

RT: 19.48 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

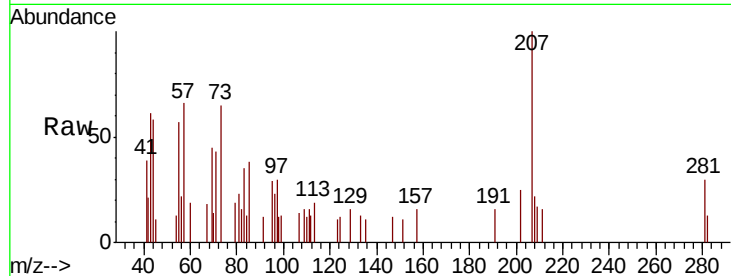
Tot Ion:202 Resp: 495

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.0

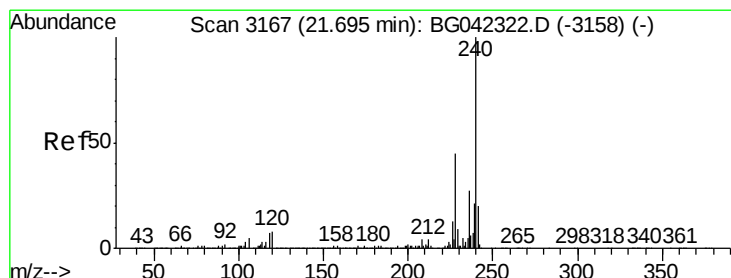
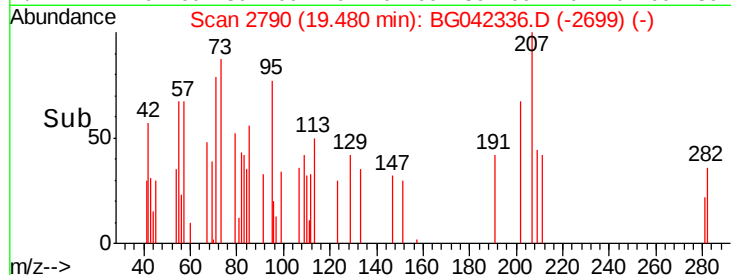
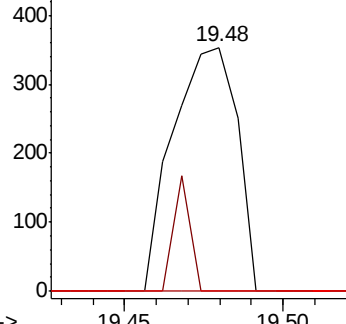
203 0.0 0.0 39.1



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# 3167

Delta R.T. -0.00 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

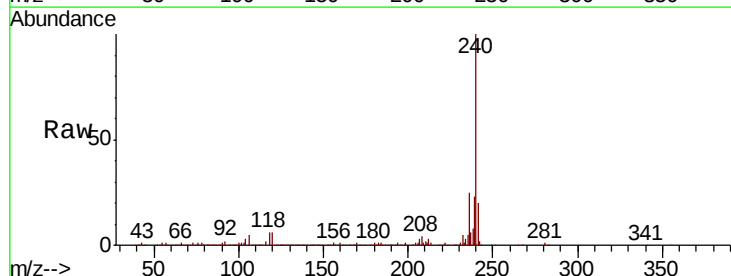
Tgt Ion:240 Resp: 438404

Ion Ratio Lower Upper

240 100

120 6.3 6.0 9.0

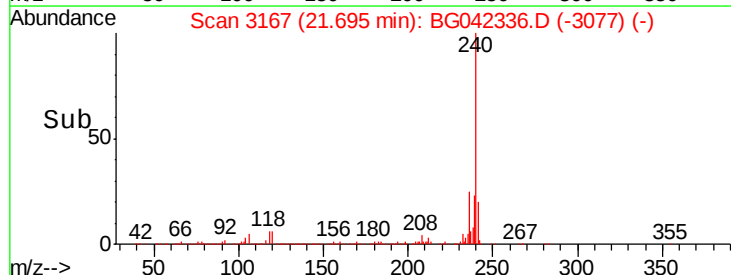
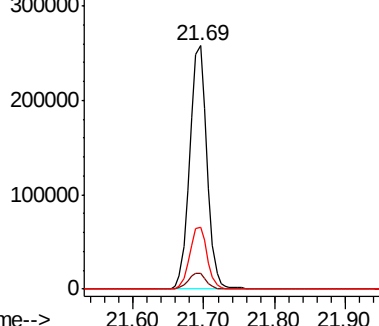
236 25.4 21.6 32.4

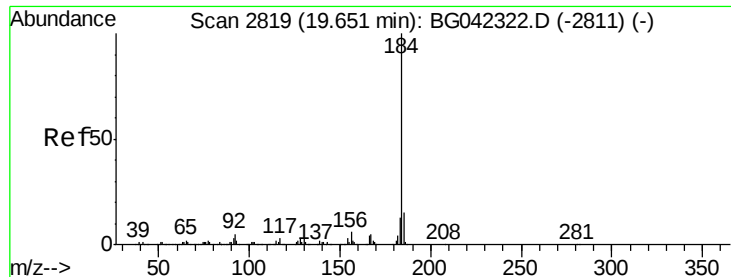


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.111 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.38 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

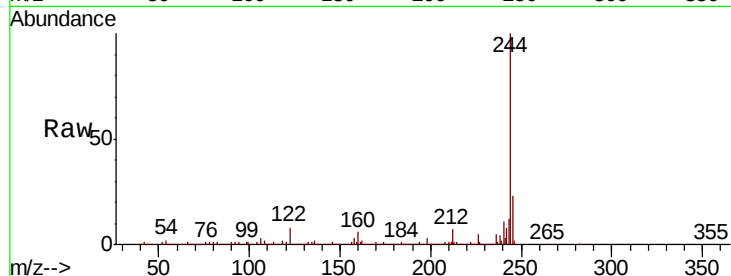
Tot Ion:184 Resp: 12919

Ion Ratio Lower Upper

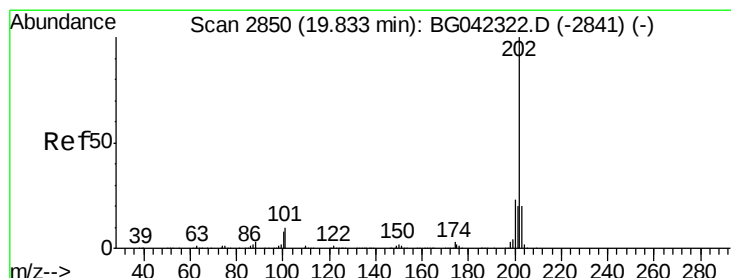
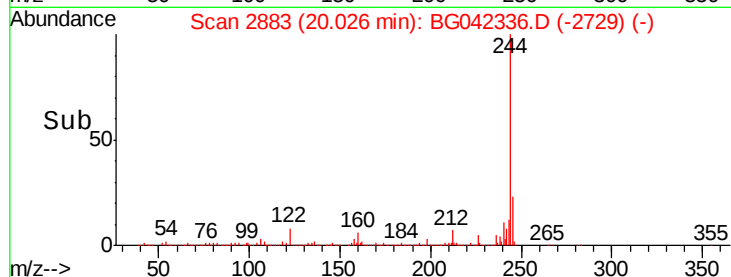
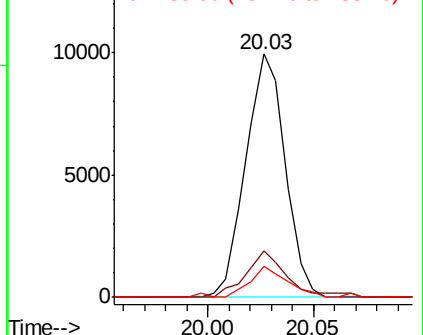
184 100

185 19.2 11.8 17.6#

183 12.8 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: 0.015 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

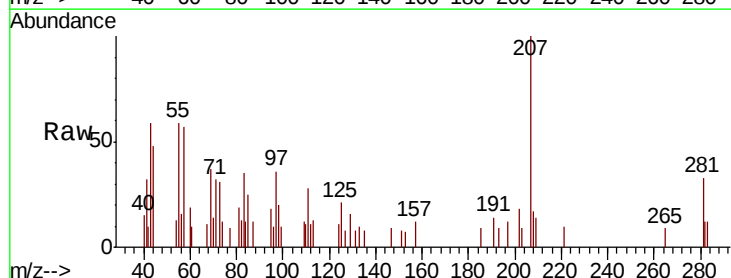
Tgt Ion:202 Resp: 412

Ion Ratio Lower Upper

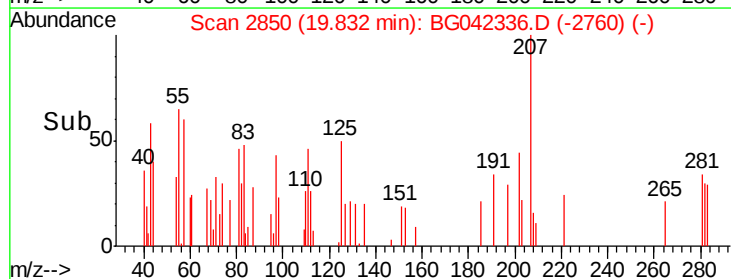
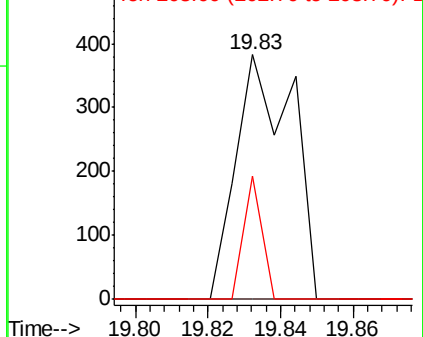
202 100

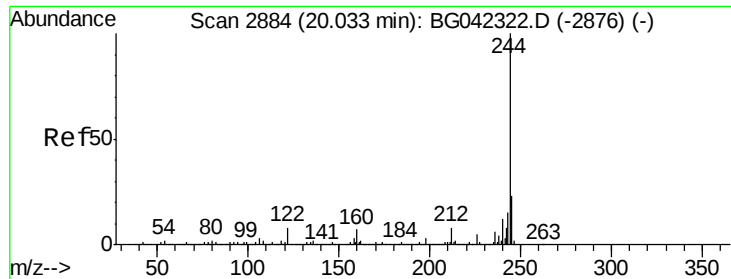
200 0.0 18.1 27.1#

203 50.1 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: 51.754 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampled :

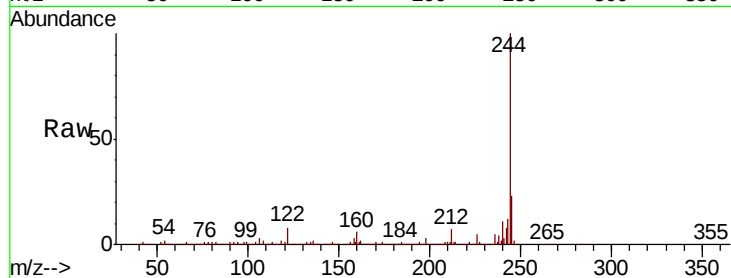
Tot Ion:244 Resp: 1035901

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

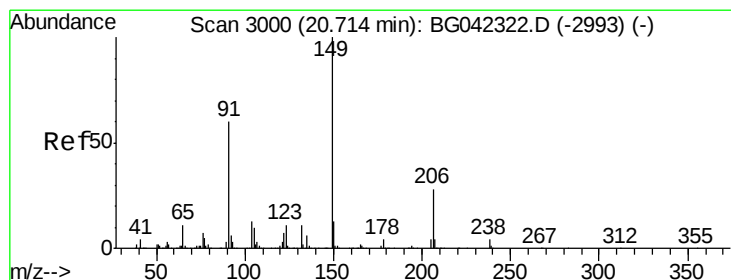
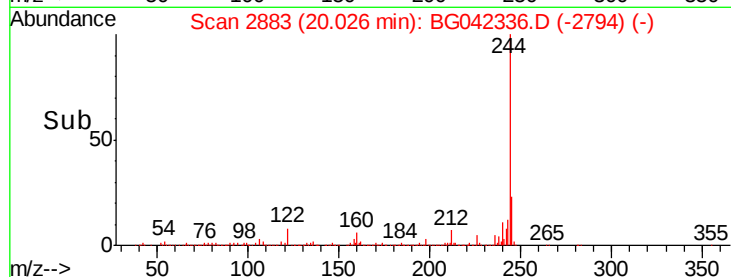
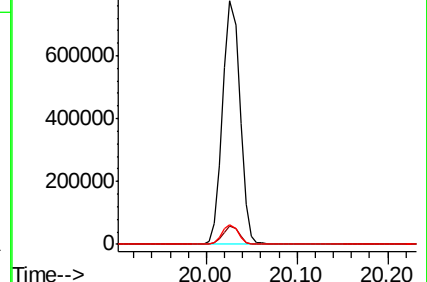
122 8.2 6.6 10.0



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: 0.025 ng

RT: 20.72 min Scan# 3001

Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

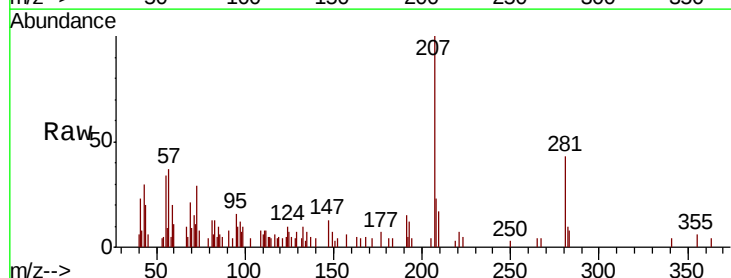
Tgt Ion:149 Resp: 270

Ion Ratio Lower Upper

149 100

91 105.8 47.8 71.6#

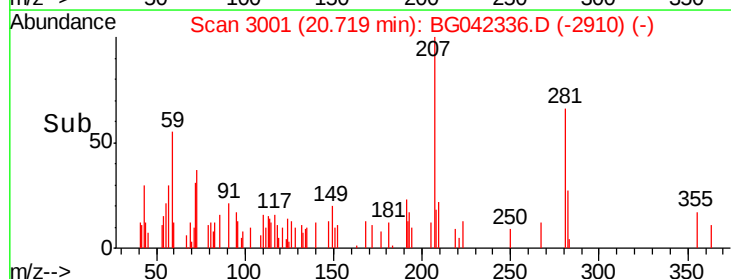
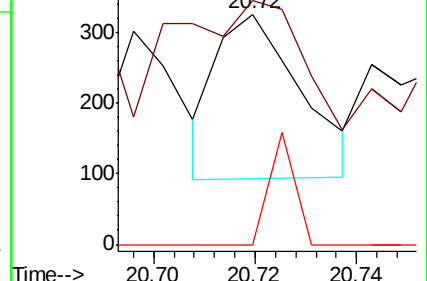
206 0.0 22.6 33.8#

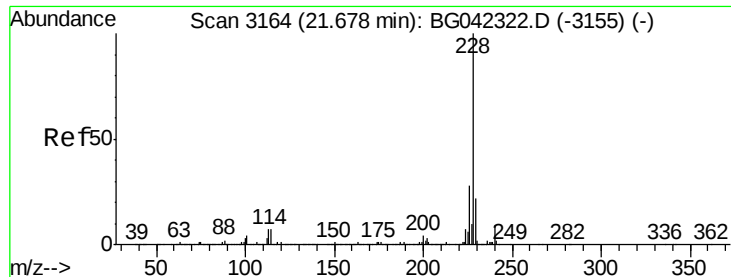


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.057 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampled :

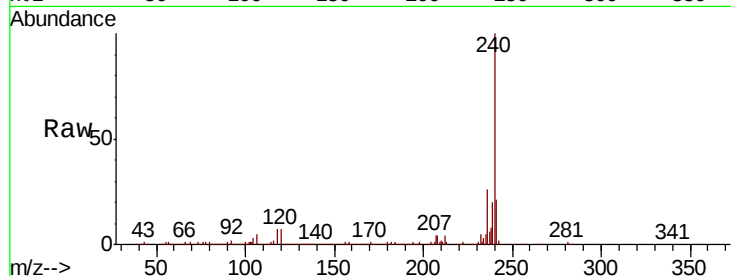
Tot Ion:228 Resp: 1523

Ion Ratio Lower Upper

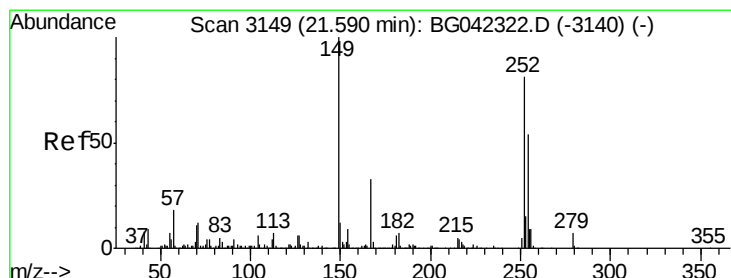
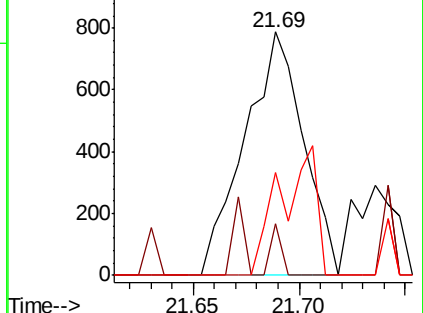
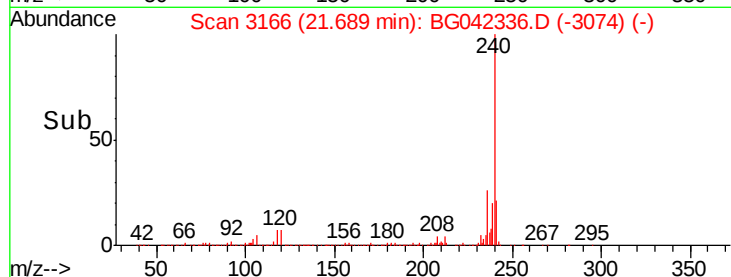
228 100

226 21.3 22.7 34.1#

229 42.3 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: 0.006 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

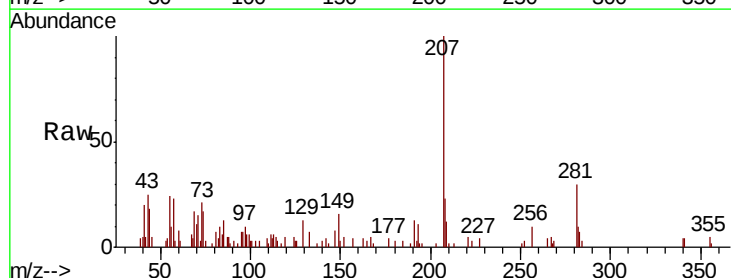
Tgt Ion:252 Resp: 68

Ion Ratio Lower Upper

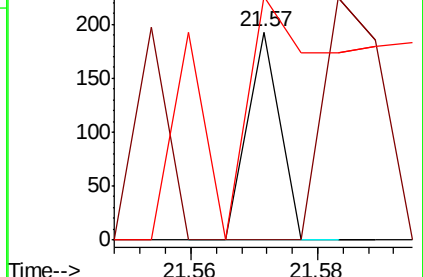
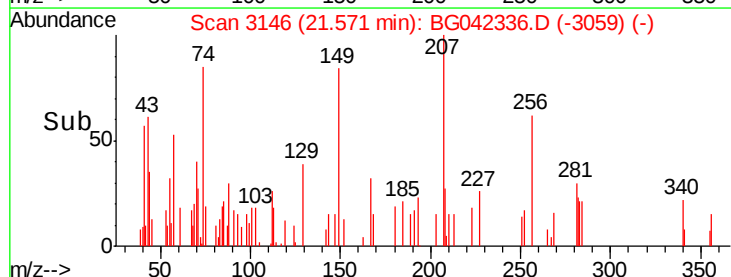
252 100

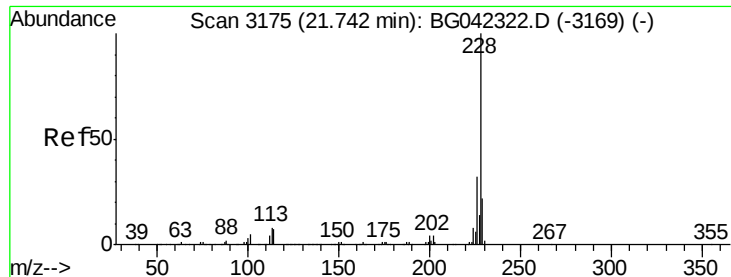
254 0.0 53.0 79.6#

126 117.1 6.2 9.2#



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





#83

Chrysene

Concen: 0.016 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampled :

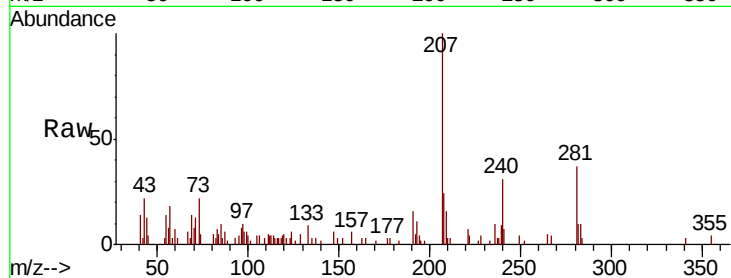
Tot Ion:228 Resp: 402

Ion Ratio Lower Upper

228 100

226 0.0 25.6 38.4#

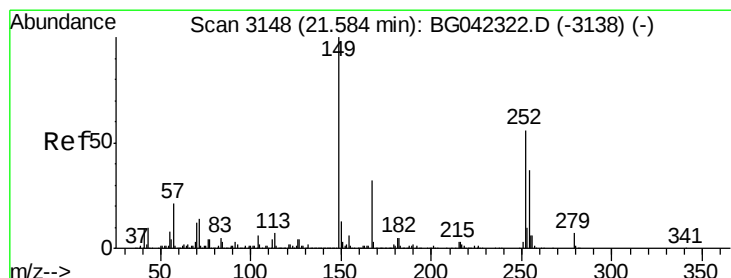
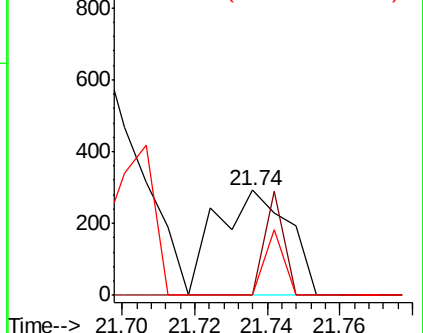
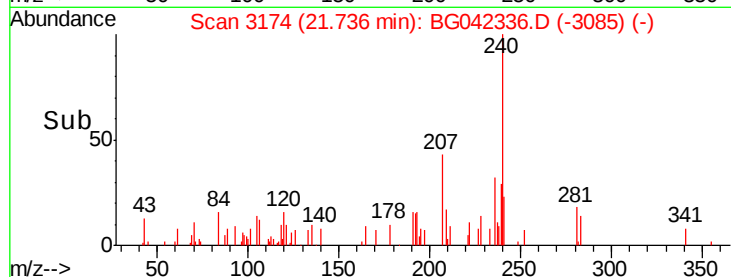
229 0.0 17.8 26.6#



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: 0.165 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

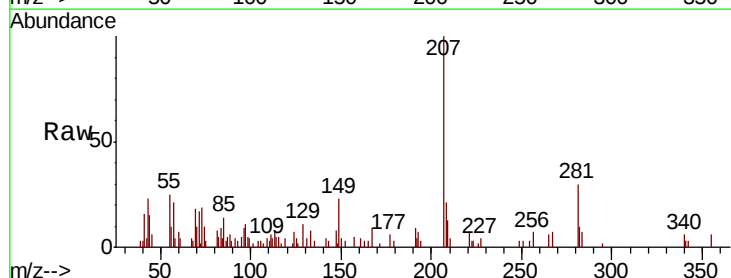
Tgt Ion:149 Resp: 2461

Ion Ratio Lower Upper

149 100

167 37.9 25.4 38.0

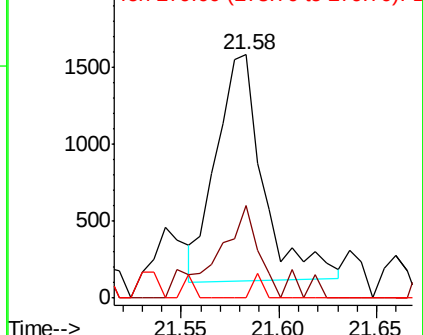
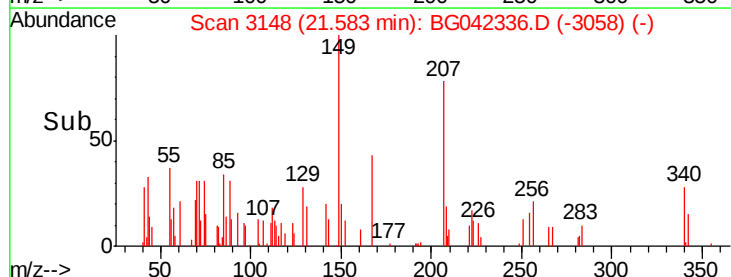
279 0.0 5.8 8.6#

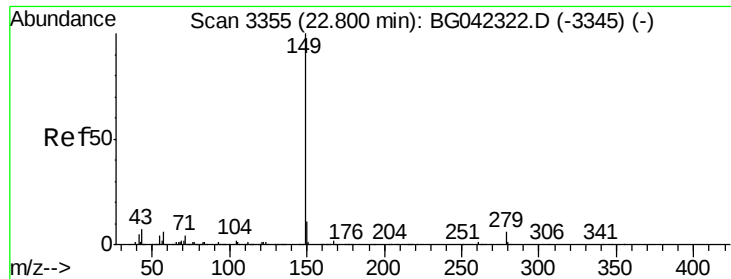


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

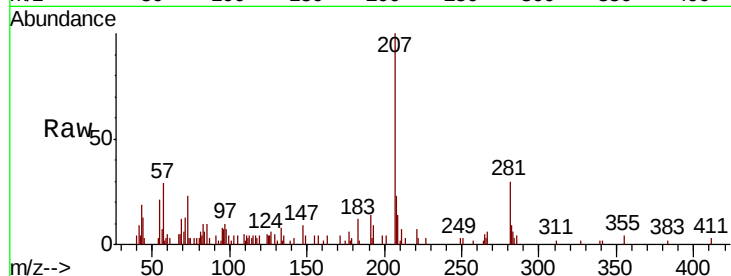




#85
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.8	1.4	2.2#
43	98.0	5.4	8.2#

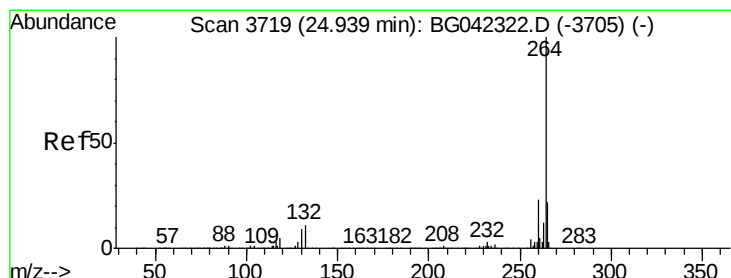
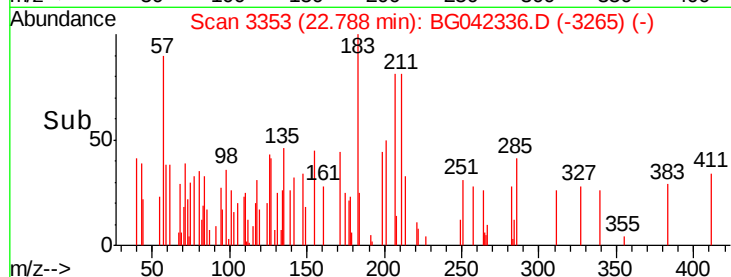
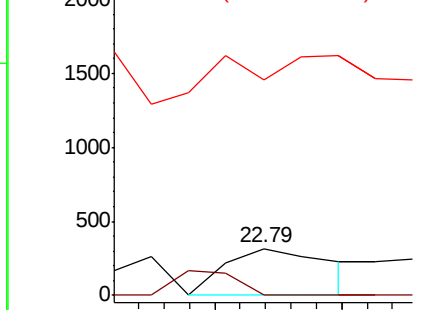


Abundance

Ion 149.00 (148.70 to 149.70): E

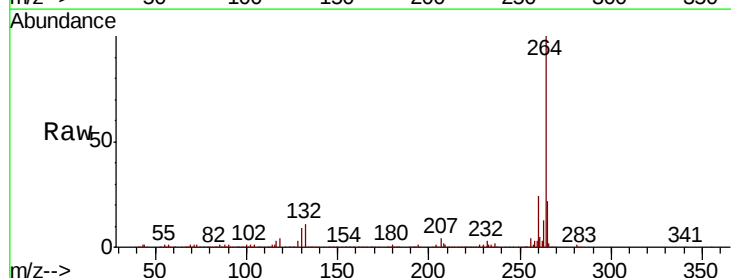
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG042336.D
Acq: 19 Aug 2019 21:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.5	17.4	26.0

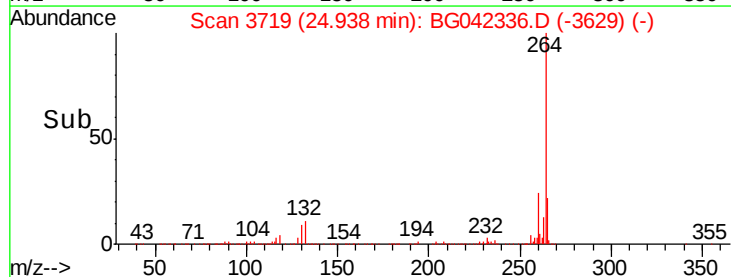
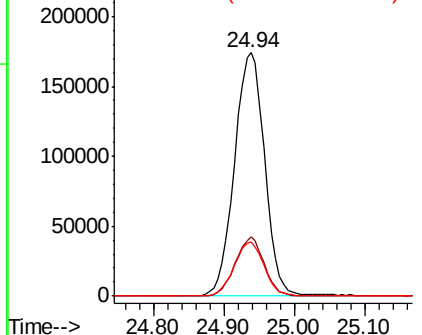


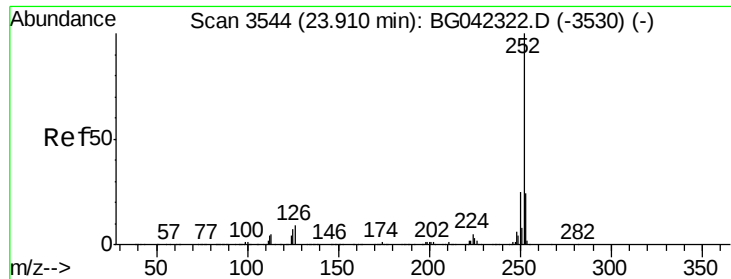
Abundance

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: 0.013 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampled :

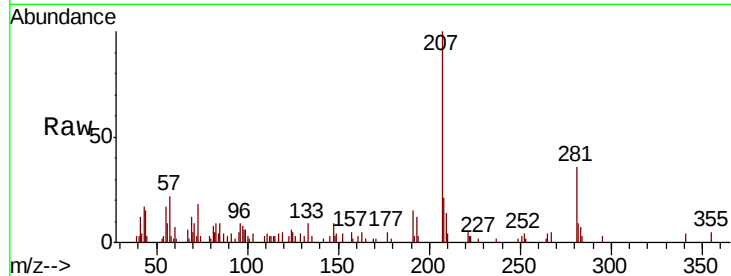
Tot Ion:252 Resp: 377

Ion Ratio Lower Upper

252 100

253 59.3 18.9 28.3#

125 123.6 5.8 8.6#

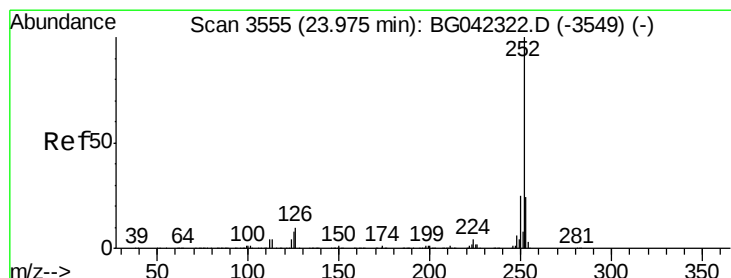
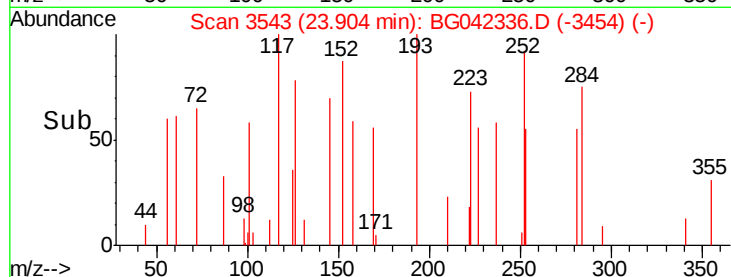
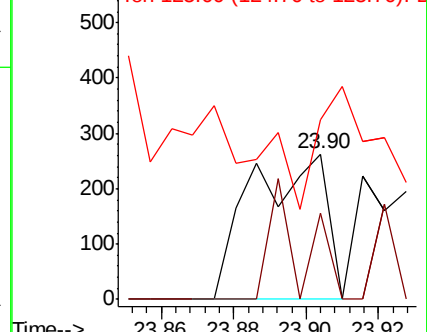


Abundance

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: 0.008 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

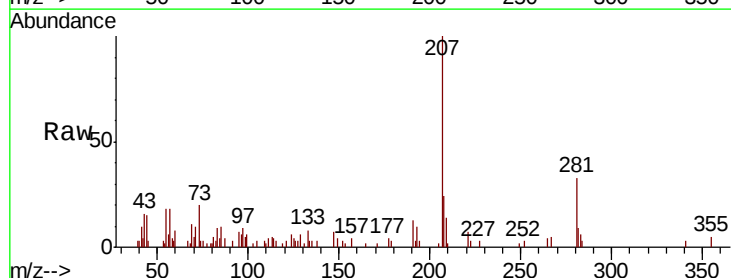
Tgt Ion:252 Resp: 232

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.4#

125 134.8 6.0 9.0#

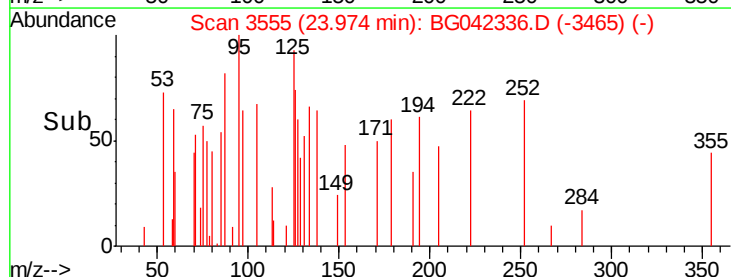
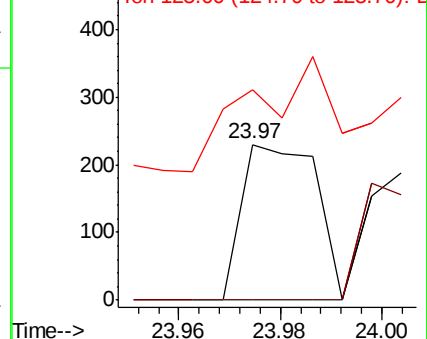


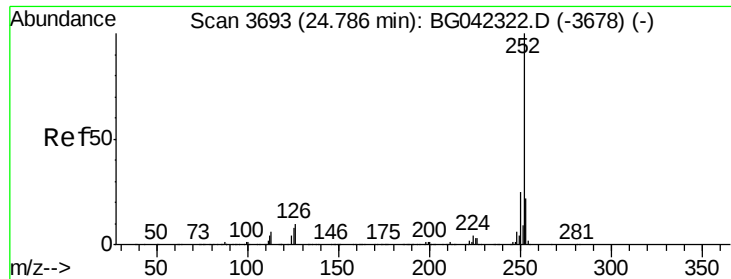
Abundance

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: 0.014 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042336.D

Acq: 19 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

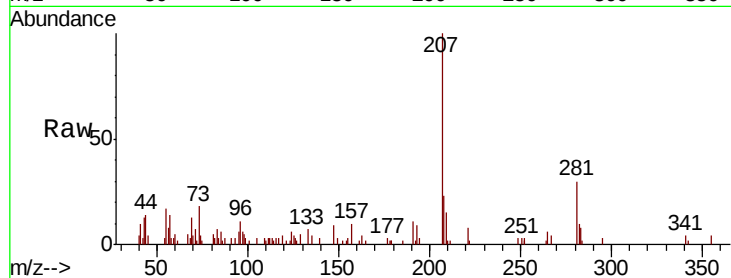
Tot Ion: 252 Resp: 373

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

125 71.9 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

