

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041010.D
 Acq On : 1 Jun 2019 13:37
 Operator : HP/JU
 Sample : K3040-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 01:12:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.13
21) Naphthalene-d8	10.98	136	54	20.00	ng	0.02
39) Acenaphthene-d10	14.81	164	56	20.00	ng	0.05
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.50
76) Chrysene-d12	21.58	240	54	20.00	ng	-0.21
87) Perylene-d12	24.71	264	59	20.00	ng	-0.42

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	59	0.00	ng	-0.44
7) Phenol-d6	7.33	99	58	0.00	ng	0.07
23) Nitrobenzene-d5	9.52	82	63	51.79	ng	0.22
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.74	172	59	15.17	ng	0.36
79) Terphenyl-d14	20.11	244	57	22.40	ng	0.01

Target Compounds				Qvalue		
22) Acetophenone	9.05	105	54	35.648	ng	# 47
24) Nitrobenzene	9.42	77	62	50.016	ng	# 44
25) Isophorone	10.18	82	61	26.351	ng	# 67
26) 2-Nitrophenol	10.49	139	59	115.453	ng	# 27
28) bis(2-Chloroethoxy)methane	10.59	93	60	48.023	ng	# 49
29) 2,4-Dichlorophenol	10.69	162	77	71.844	ng	# 28
30) 1,2,4-Trichlorobenzene	10.65	180	86	70.536	ng	# 10
31) Naphthalene	10.73	128	63	21.729	ng	# 68
33) 4-Chloroaniline	10.88	127	73	54.265	ng	# 41
35) Caprolactam	12.02	113	62	175.178	ng	# 1
36) 4-Chloro-3-methylphenol	11.88	107	69	56.371	ng	# 23
38) 1-Methylnaphthalene	13.29	142	75	35.642	ng	# 6
48) 2-Nitroaniline	14.11	65	55	43.082	ng	# 11
49) Acenaphthylene	14.30	152	61	11.389	ng	# 59
50) Dimethylphthalate	14.00	163	98	20.673	ng	# 76
54) 2,4-Dinitrophenol	14.46	184	74	116.613	ng	# 18
60) Diethylphthalate	15.18	149	94	19.431	ng	# 57
61) 4-Chlorophenyl-phenylether	16.24	204	61	21.585	ng	# 30
63) Azobenzene	15.98	77	59	13.418	ng	# 47
77) Benzidine	19.07	184	53	41.143	ng	# 64
78) Pyrene	19.35	202	57	16.238	ng	# 55
80) Butylbenzylphthalate	20.59	149	55	40.261	ng	# 24
81) Benzo(a)anthracene	21.58	228	63	17.526	ng	# 49
82) 3,3'-Dichlorobenzidine	21.46	252	65	51.412	ng	# 24
83) Chrysene	21.60	228	81	23.547	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.43	149	84	43.681	ng	# 50
85) Di-n-octyl phthalate	22.64	149	58	18.109	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.40	276	57	13.527	ng	# 56
88) Benzo(b)fluoranthene	23.60	252	144	40.240	ng	# 59
89) Benzo(k)fluoranthene	23.71	252	61	17.226	ng	# 60
90) Benzo(a)pyrene	24.57	252	60	17.574	ng	# 57
91) Dibenzo(a,h)anthracene	28.89	278	63	18.467	ng	# 58

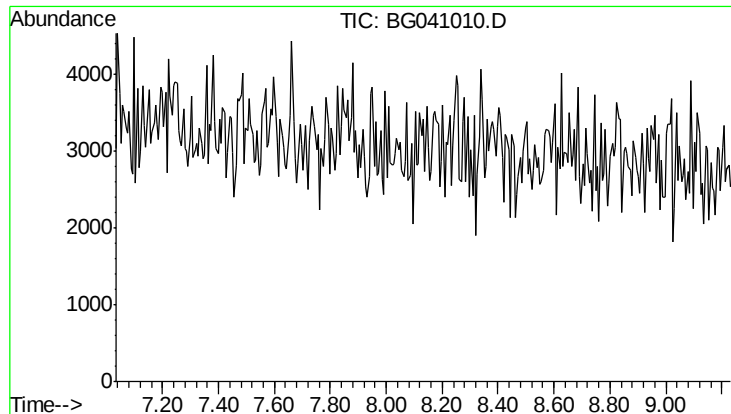
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041010.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

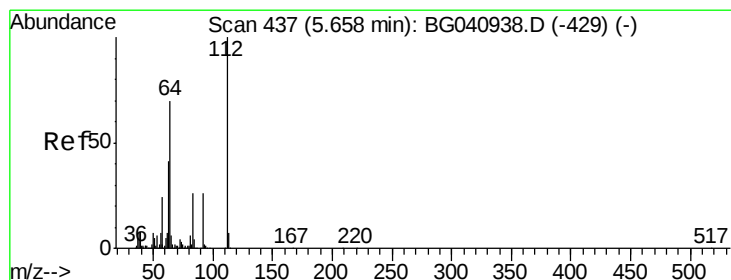
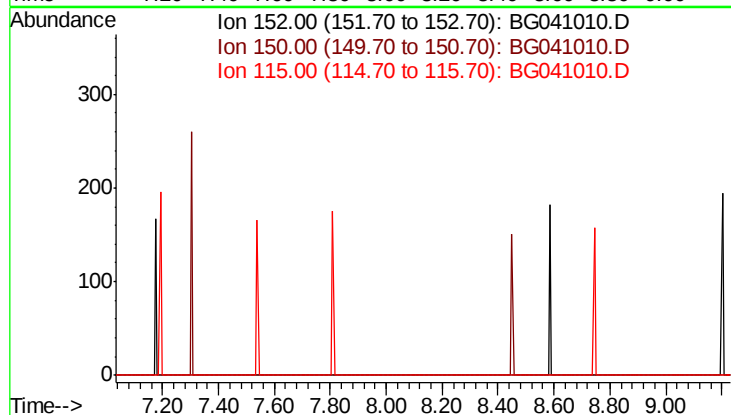
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.13 min
 Lab File: BG041010.D
 Acq: 1 Jun 2019 13:37

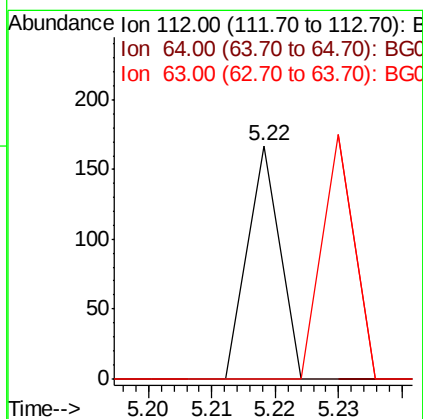
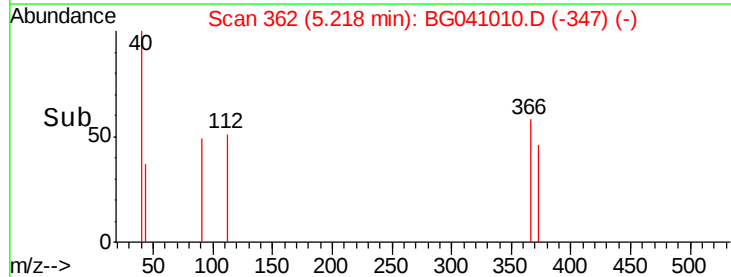
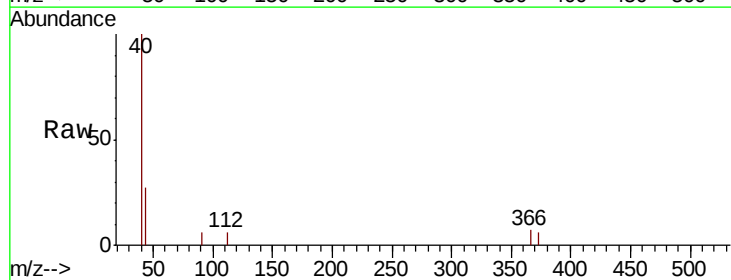
Instrument :
 BNA_G
 ClientSampleId :

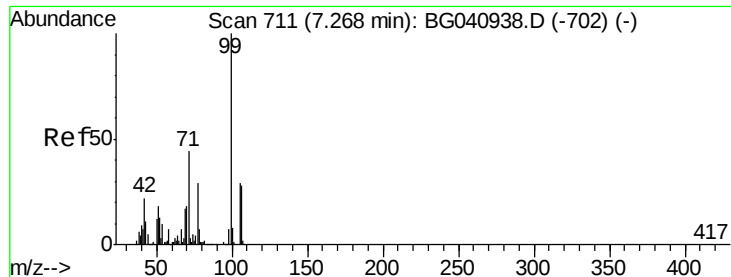
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 150.7
 115 56.4



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.22 min Scan# 362
 Delta R.T. -0.44 min
 Lab File: BG041010.D
 Acq: 1 Jun 2019 13:37

Tgt Ion: 112 Resp: 59
 Ion Ratio Lower Upper
 112 100
 64 0.0 56.2 84.2#
 63 0.0 32.8 49.2#





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.07 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampleId :

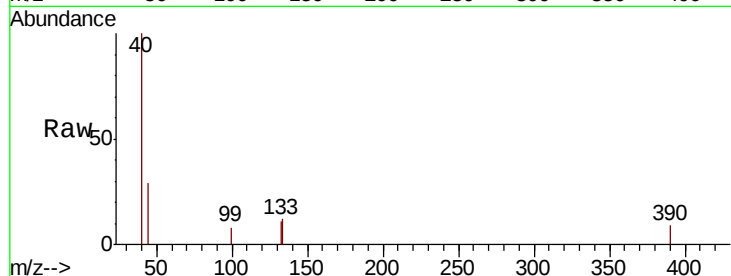
Tot Ion: 99 Resp: 58

Ion Ratio Lower Upper

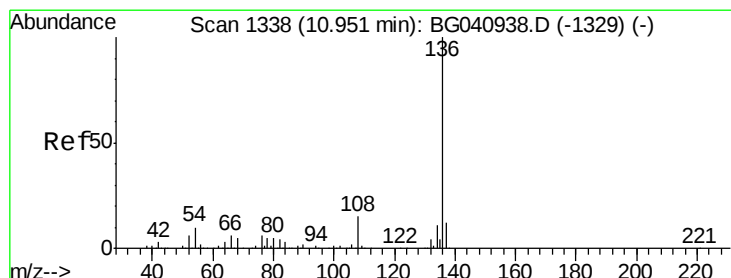
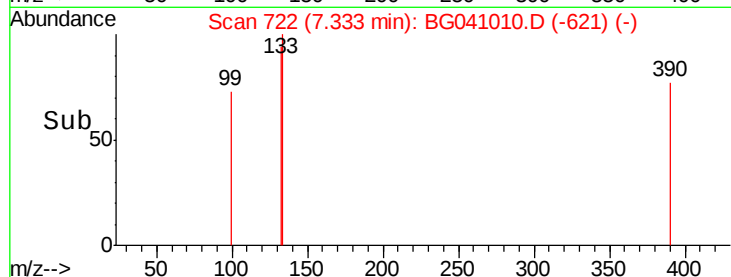
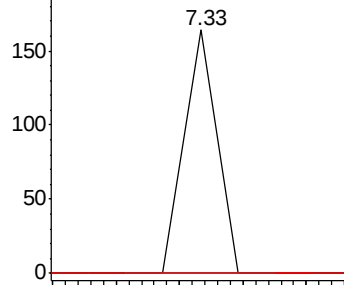
99 100

42 0.0 17.9 26.9#

71 0.0 35.4 53.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Tgt Ion: 136 Resp: 54

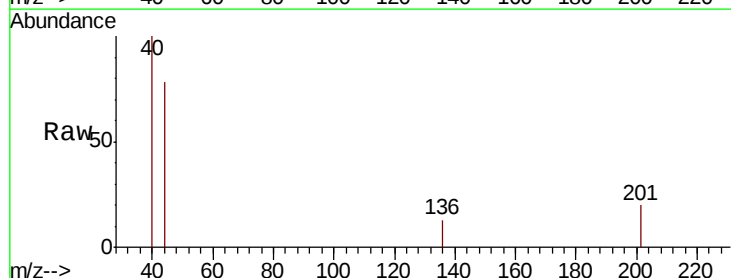
Ion Ratio Lower Upper

136 100

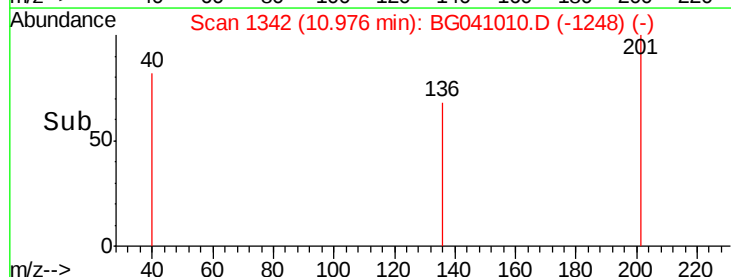
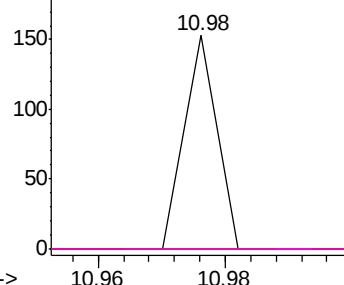
137 0.0 9.5 14.3#

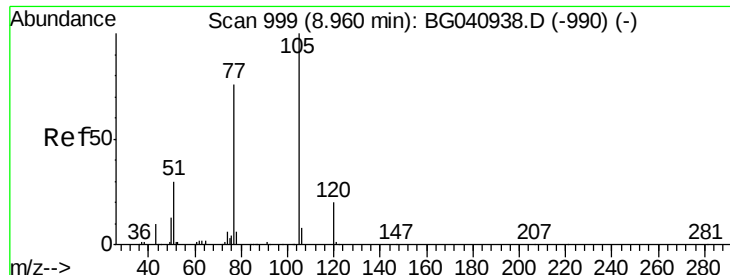
54 0.0 7.6 11.4#

68 0.0 3.9 5.9#



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





#22

Acetophenone

Concen: 35.648 ng

RT: 9.05 min Scan# 1014

Delta R.T. 0.09 min

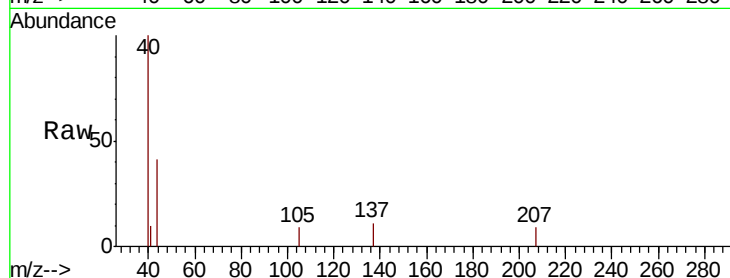
Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

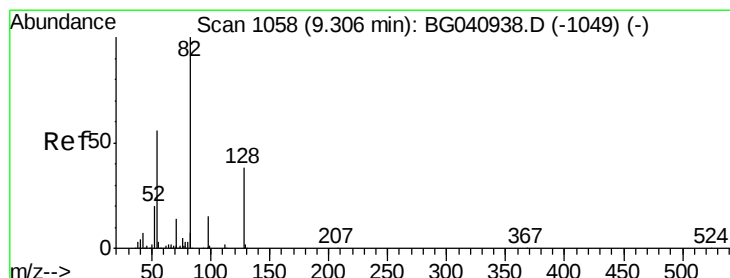
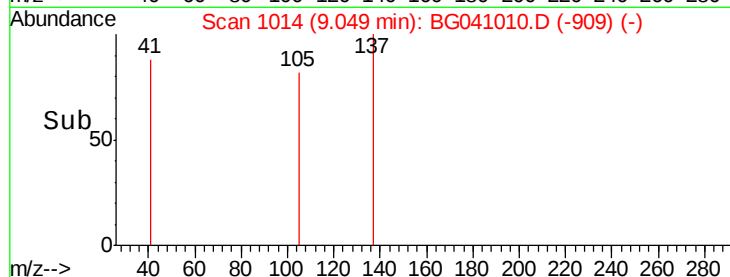
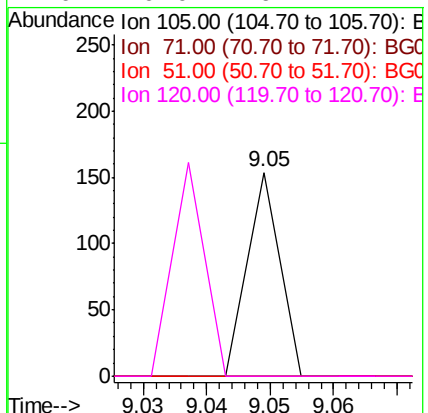
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	105	Resp:	54
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	0.0	27.0	40.6#
120	0.0	16.2	24.4#



#23

Nitrobenzene-d5

Concen: 51.793 ng

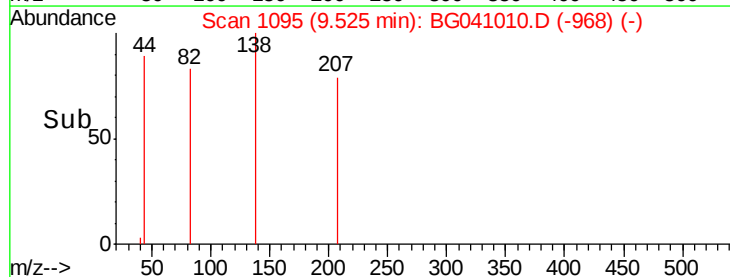
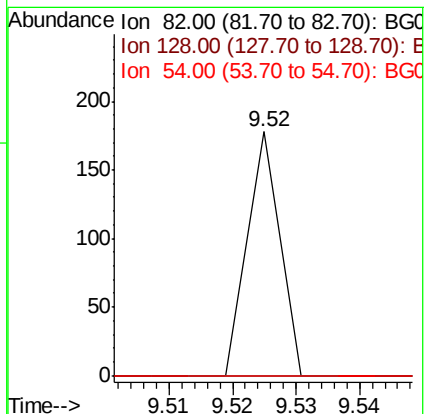
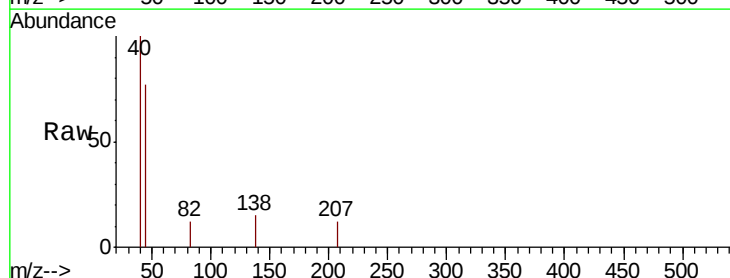
RT: 9.52 min Scan# 1095

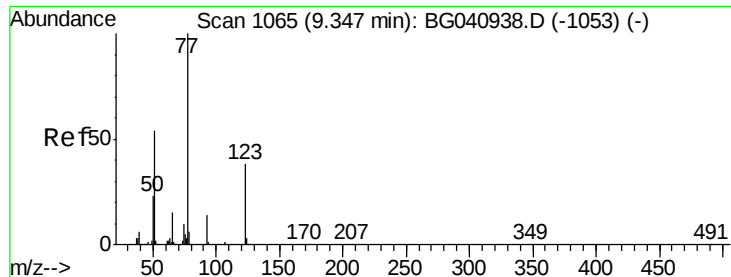
Delta R.T. 0.22 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Tgt Ion:	82	Resp:	63
Ion	Ratio	Lower	Upper
82	100		
128	0.0	30.5	45.7#
54	0.0	44.6	66.8#

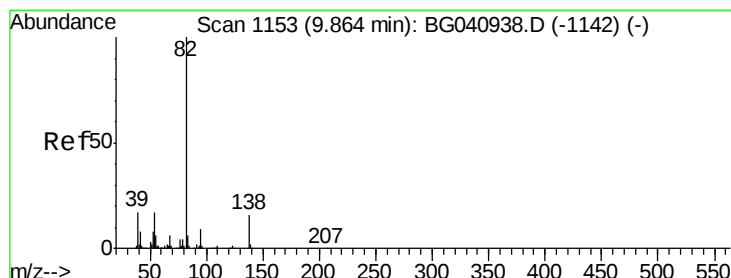
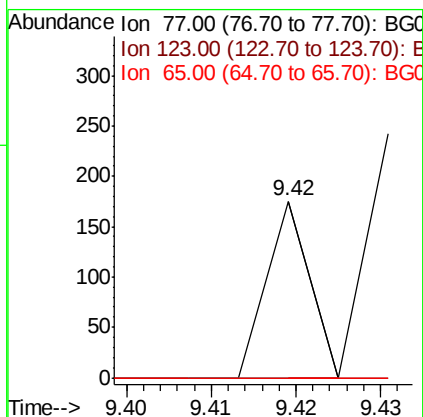
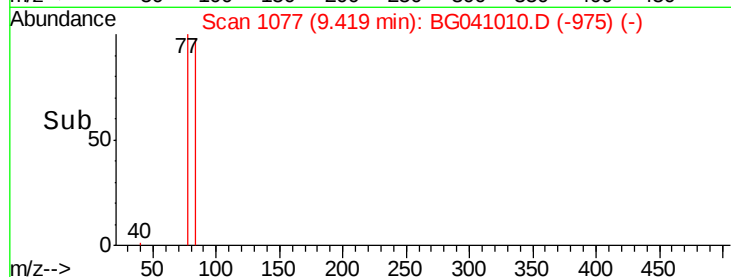
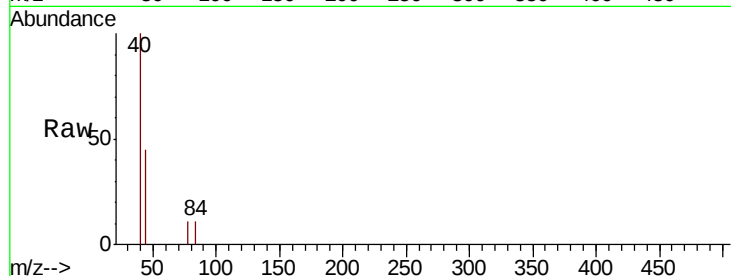




#24
Nitrobenzene
Concen: 50.016 ng
RT: 9.42 min Scan# 1077
Delta R.T. 0.07 min
Lab File: BG041010.D
Acq: 1 Jun 2019 13:37

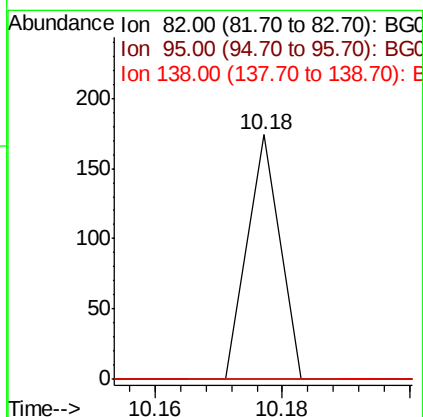
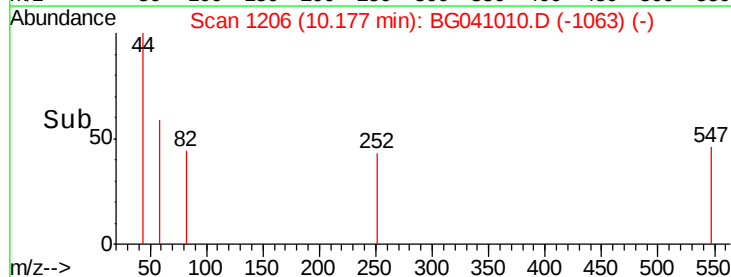
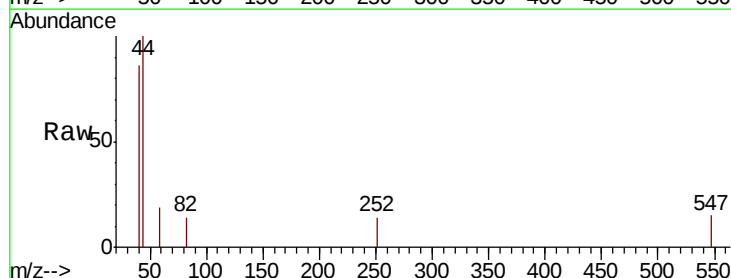
Instrument :
BNA_G
ClientSampleId :

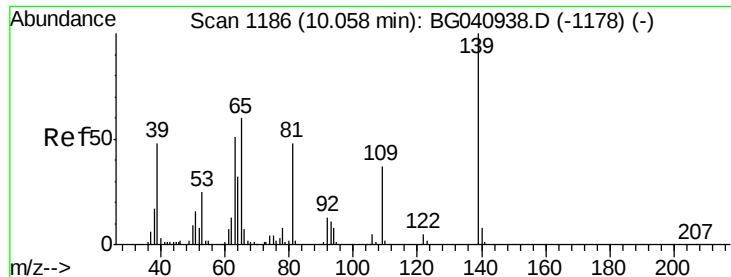
Tot Ion: 77 Resp: 62
Ion Ratio Lower Upper
77 100
123 0.0 30.6 46.0#
65 0.0 12.3 18.5#



#25
Isophorone
Concen: 26.351 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.31 min
Lab File: BG041010.D
Acq: 1 Jun 2019 13:37

Tgt Ion: 82 Resp: 61
Ion Ratio Lower Upper
82 100
95 0.0 7.0 10.4#
138 0.0 12.6 19.0#





#26

2-Nitrophenol

Concen: 115.453 ng

RT: 10.49 min Scan# 1260

Delta R.T. 0.44 min

Lab File: BG041010.D

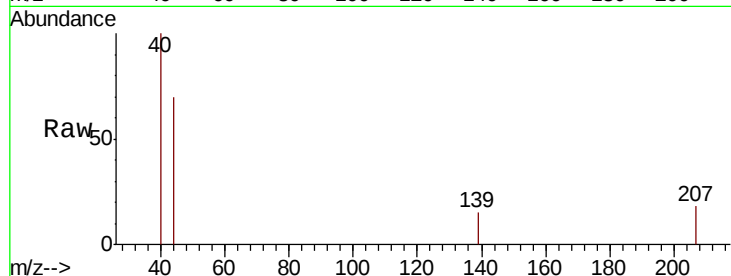
Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	139	Resp:	59
Ion	Ratio	Lower	Upper
139	100		
109	0.0	29.8	44.6#
65	0.0	47.8	71.6#



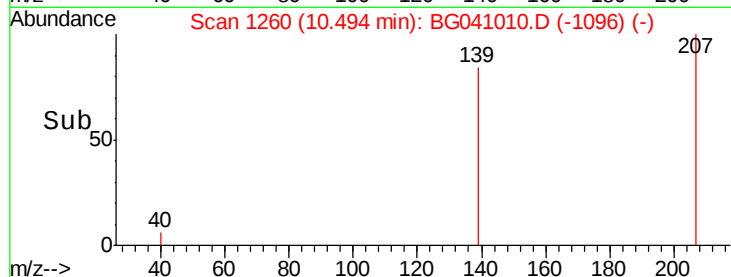
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

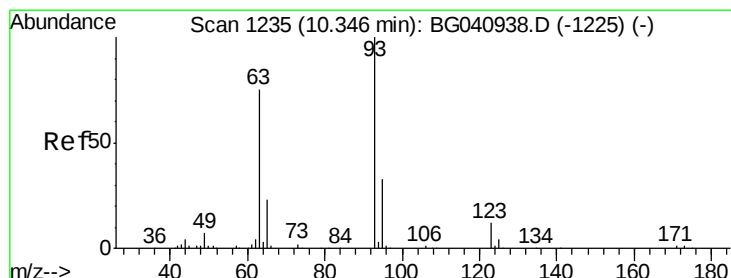
Ion 65.00 (64.70 to 65.70): BGC

10.49

10.48 10.50



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 48.023 ng

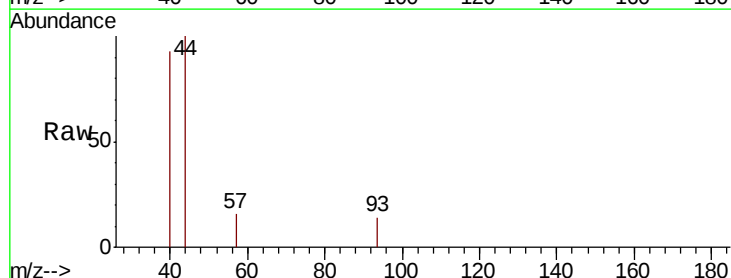
RT: 10.59 min Scan# 1277

Delta R.T. 0.25 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Tgt Ion:	93	Resp:	60
Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.2	39.2#
123	0.0	9.5	14.3#



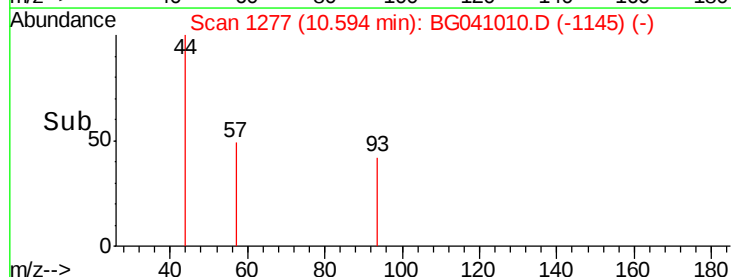
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

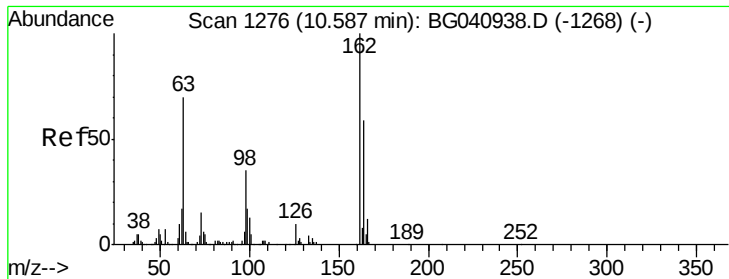
Ion 123.00 (122.70 to 123.70): E

10.59

10.58 10.60



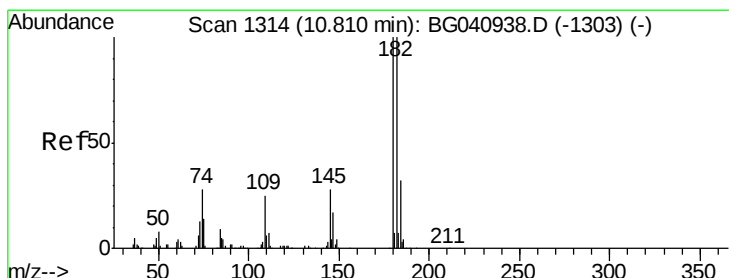
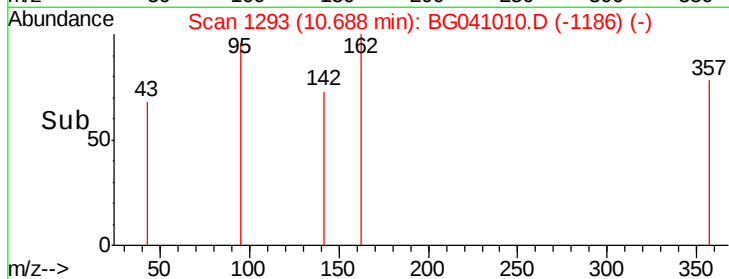
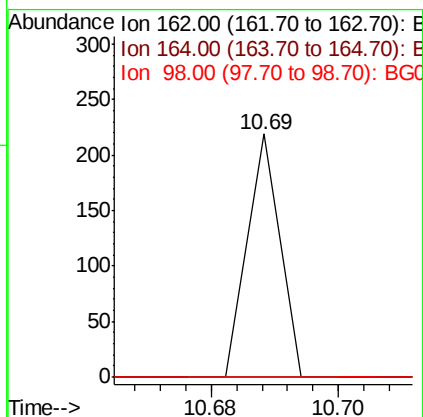
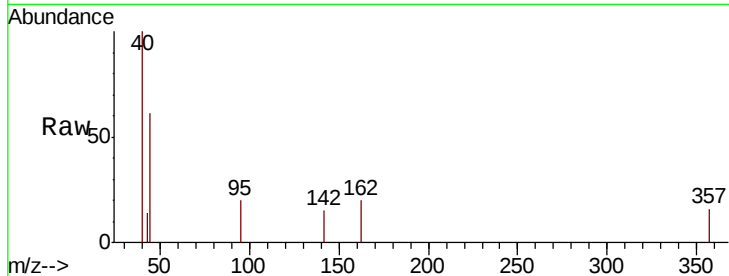
Time-->



#29
2,4-Dichlorophenol
Concen: 71.844 ng
RT: 10.69 min Scan# 1293
Delta R.T. 0.10 min
Lab File: BG041010.D
Acq: 1 Jun 2019 13:37

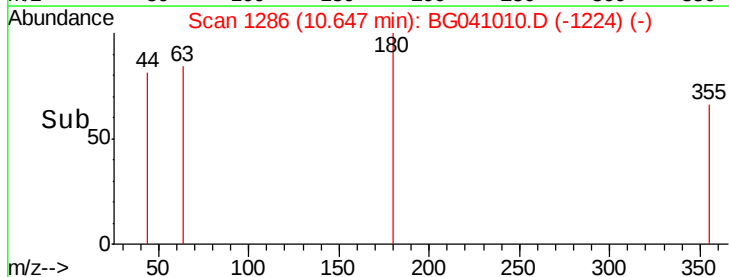
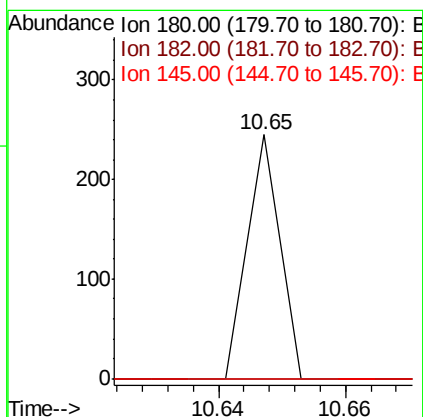
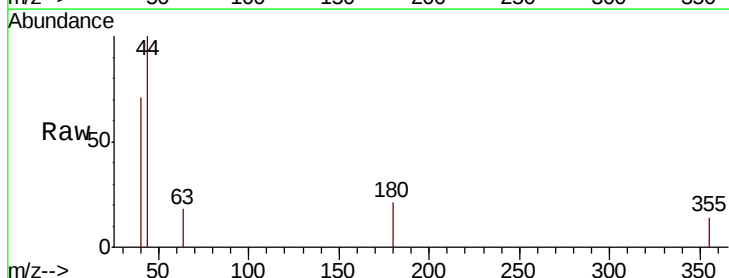
Instrument :
BNA_G
ClientSampleId :

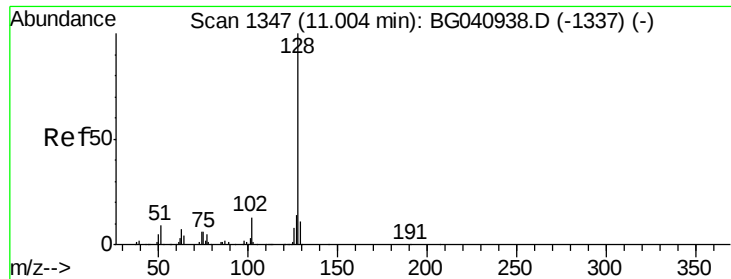
Tot Ion	Ratio	Lower	Upper
162	100		
164	0.0	39.4	79.4#
98	0.0	15.3	55.3#



#30
1,2,4-Trichlorobenzene
Concen: 70.536 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.16 min
Lab File: BG041010.D
Acq: 1 Jun 2019 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	79.7	119.5#
145	0.0	22.6	34.0#

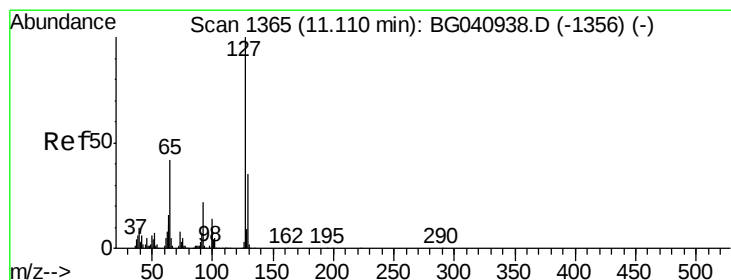
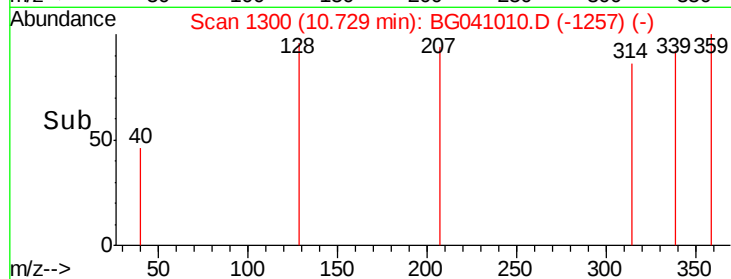
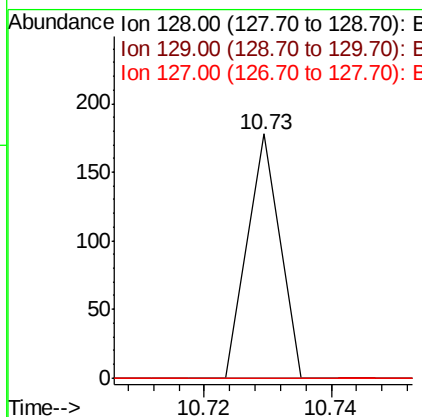
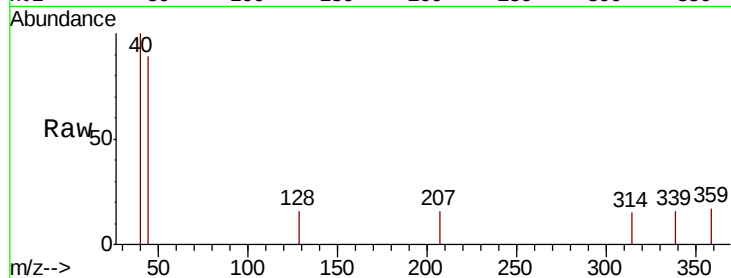




#31
Naphthalene
Concen: 21.729 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.28 min
Lab File: BG041010.D
Acq: 1 Jun 2019 13:37

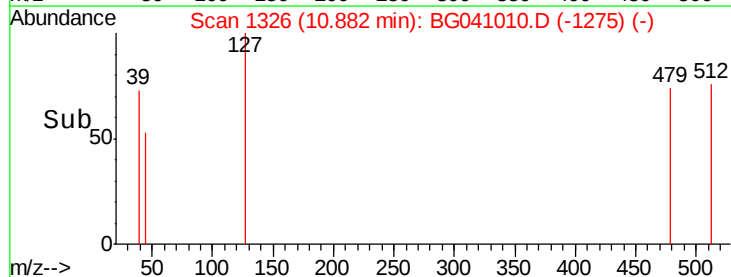
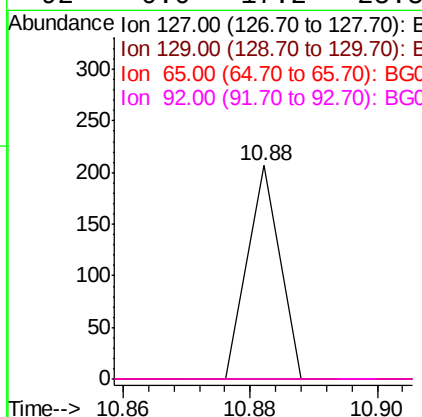
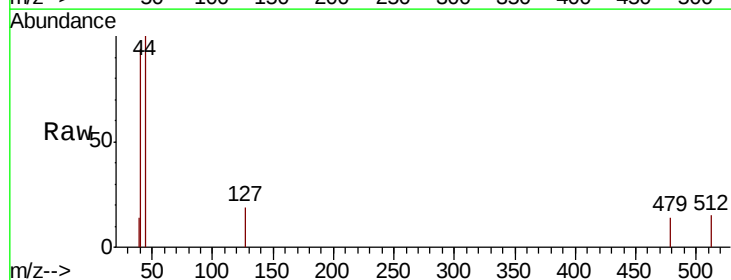
Instrument :
BNA_G
ClientSampleId :

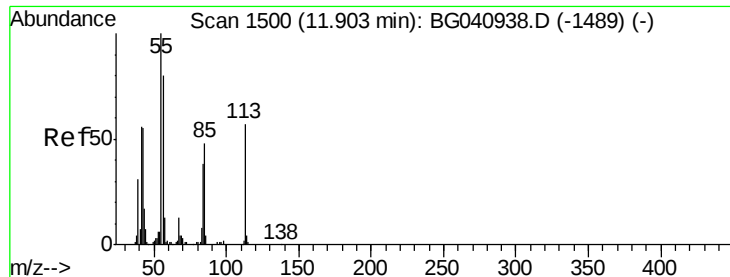
Tot Ion:128 Resp: 63
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 0.0 11.4 17.2#



#33
4-Chloroaniline
Concen: 54.265 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.23 min
Lab File: BG041010.D
Acq: 1 Jun 2019 13:37

Tgt Ion:127 Resp: 73
Ion Ratio Lower Upper
127 100
129 0.0 27.7 41.5#
65 0.0 33.2 49.8#
92 0.0 17.2 25.8#





#35

Caprolactam

Concen: 175.178 ng

RT: 12.02 min Scan# 1520

Delta R.T. 0.12 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampled :

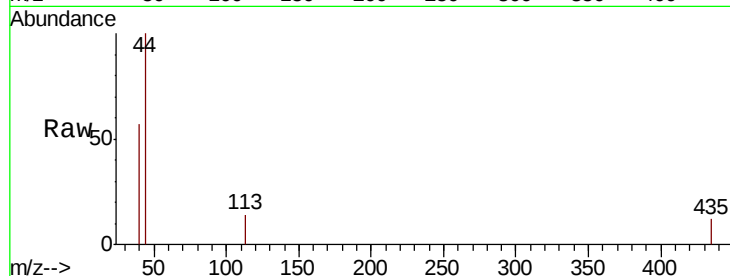
Tot Ion:113 Resp: 62

Ion Ratio Lower Upper

113 100

55 0.0 155.9 195.9#

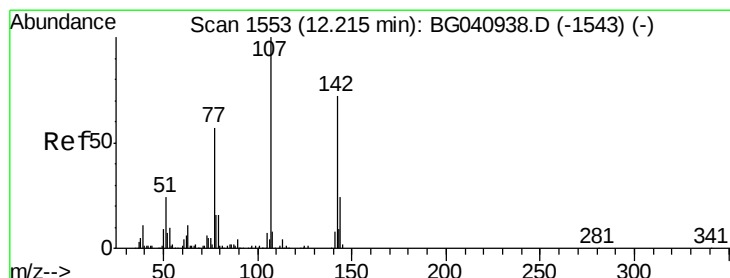
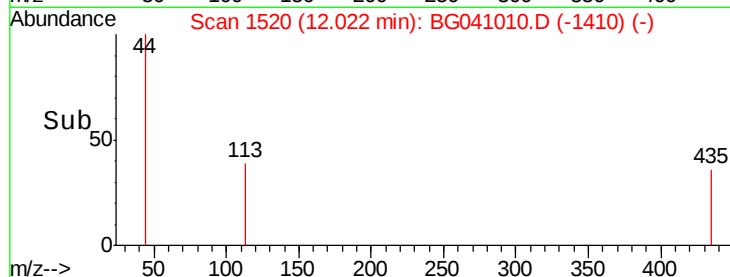
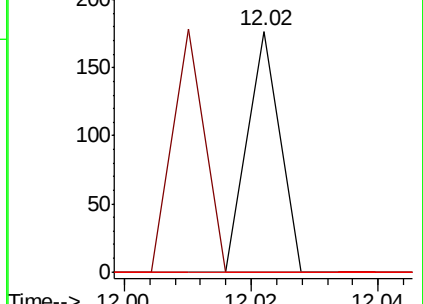
56 0.0 119.9 159.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 56.371 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.33 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

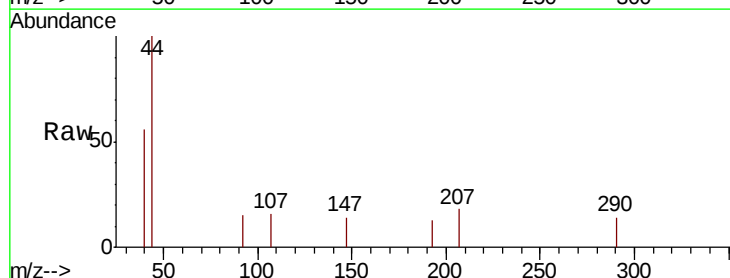
Tgt Ion:107 Resp: 69

Ion Ratio Lower Upper

107 100

144 0.0 19.4 29.0#

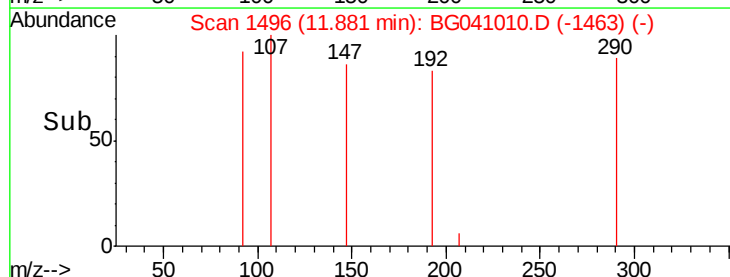
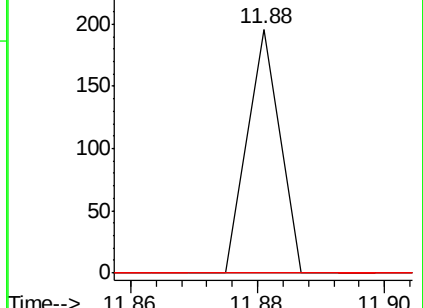
142 0.0 57.3 85.9#

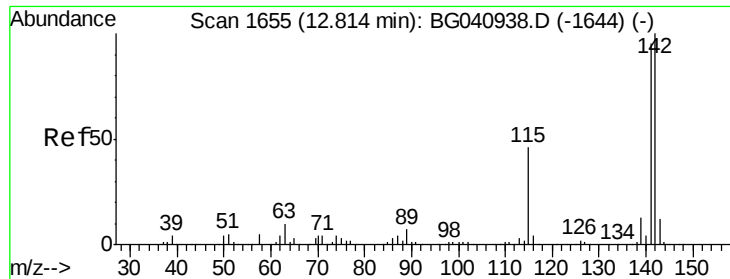


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

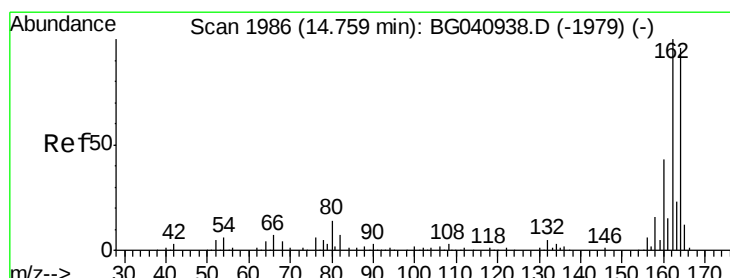
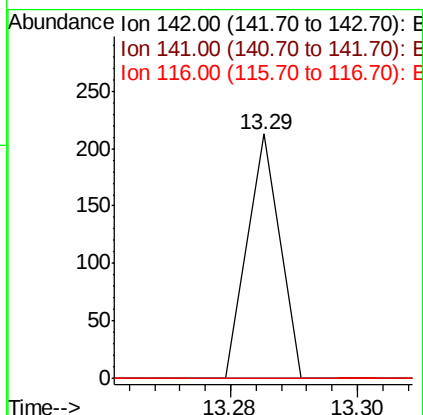
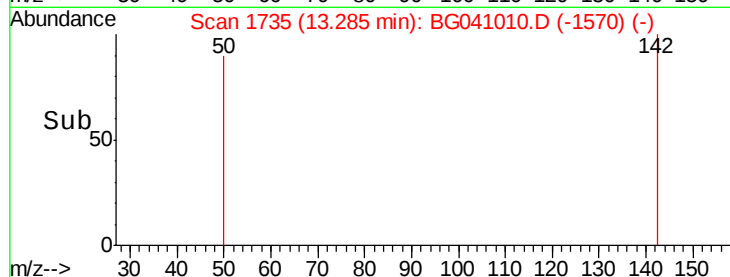
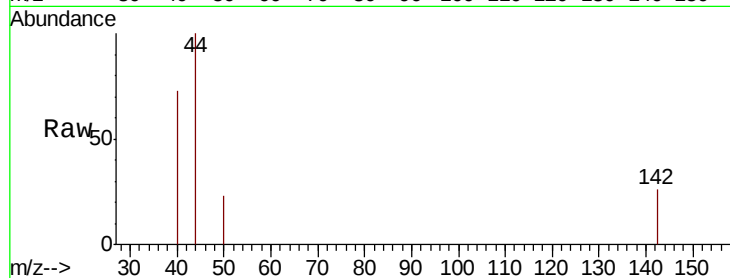




#38
 1-Methylnaphthalene
 Concen: 35.642 ng
 RT: 13.29 min Scan# 1735
 Delta R.T. 0.47 min
 Lab File: BG041010.D
 Acq: 1 Jun 2019 13:37

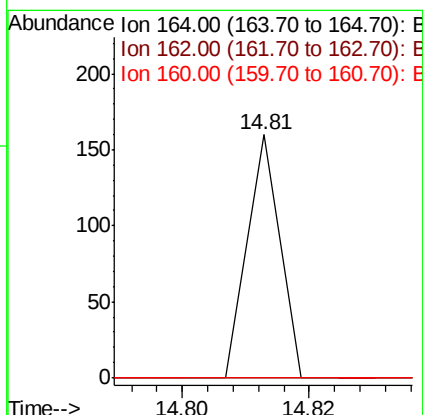
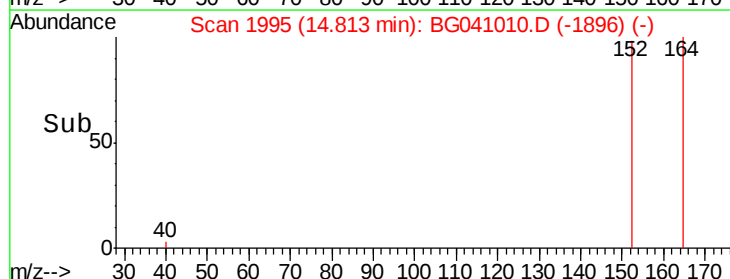
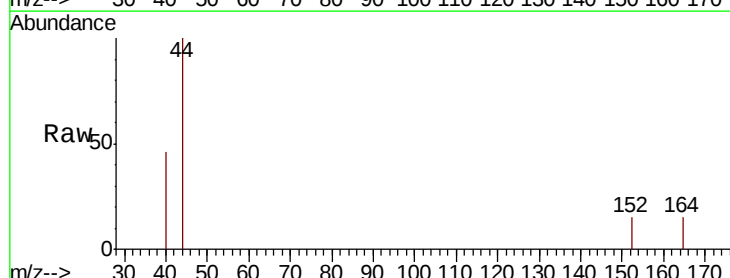
Instrument :
 BNA_G
 ClientSampleId :

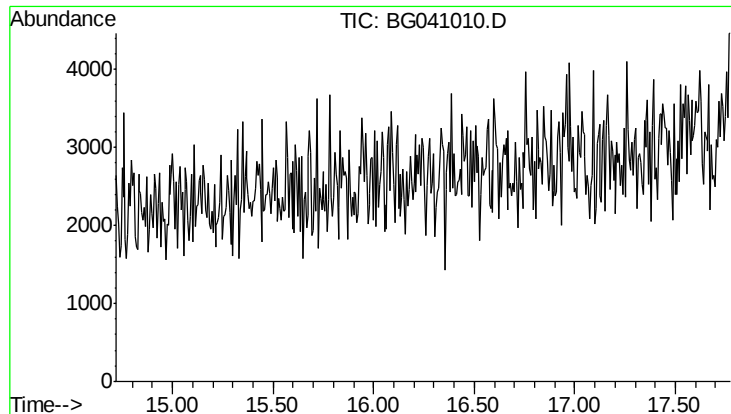
Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	75.7	113.5#
116	0.0	3.4	5.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. 0.05 min
 Lab File: BG041010.D
 Acq: 1 Jun 2019 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	0.0	83.0	124.4#
160	0.0	35.6	53.4#

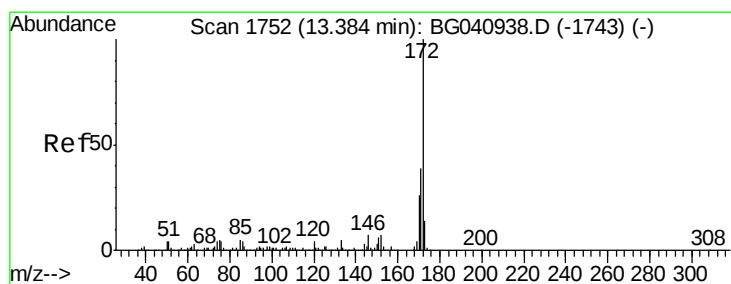
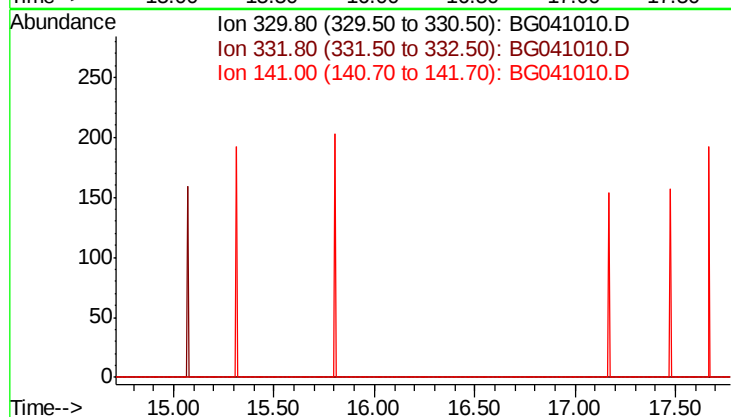




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.25 min
 Lab File: BG041010.D
 Acq: 1 Jun 2019 13:37

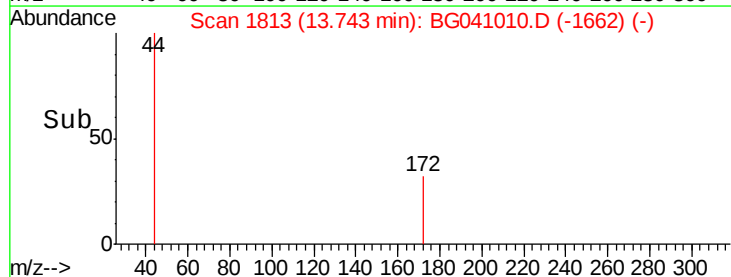
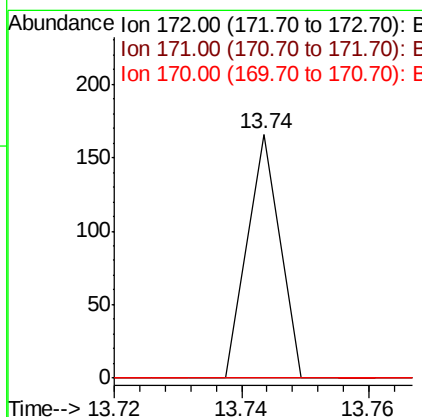
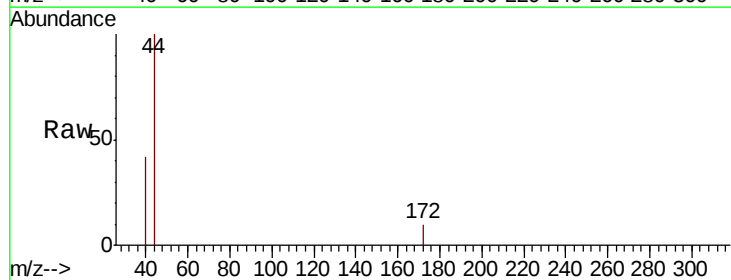
Instrument :
 BNA_G
 ClientSampleId :

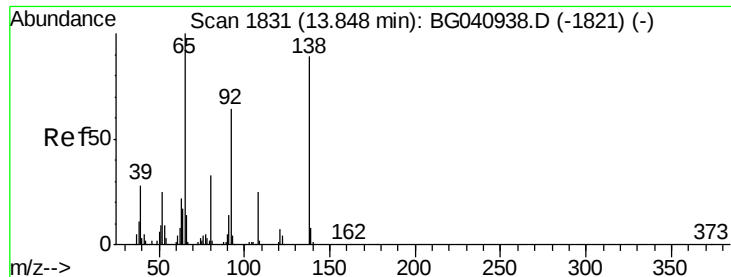
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 98.1
 141 35.9



#45
 2-Fluorobiphenyl
 Concen: 15.173 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.36 min
 Lab File: BG041010.D
 Acq: 1 Jun 2019 13:37

Tgt Ion:172 Resp: 59
 Ion Ratio Lower Upper
 172 100
 171 0.0 31.1 46.7#
 170 0.0 20.5 30.7#

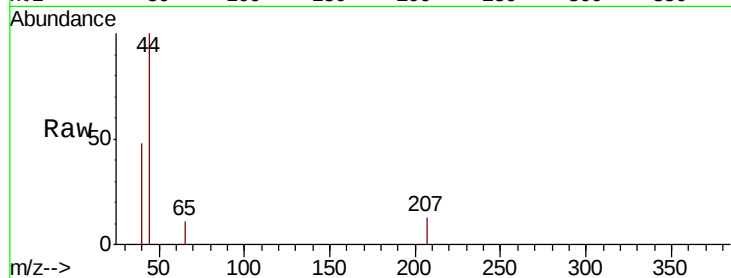




#48
2-Nitroaniline
Concen: 43.082 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.26 min
Lab File: BG041010.D
Acq: 1 Jun 2019 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.0	76.6#
138	0.0	71.2	106.8#

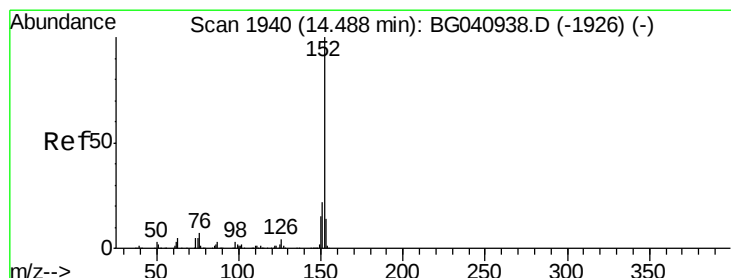
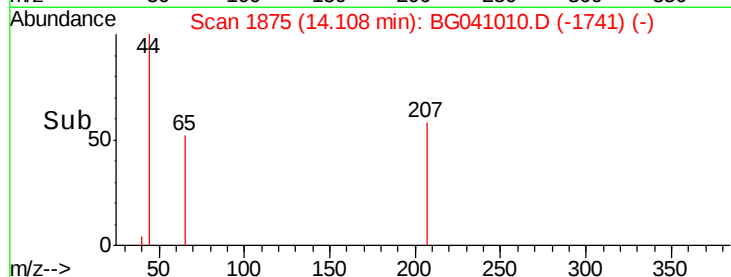
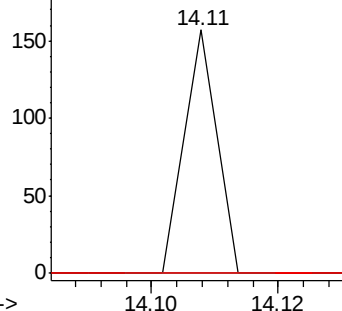


Abundance

Ion 65.00 (64.70 to 65.70): BG041010.D (-1741) (-)

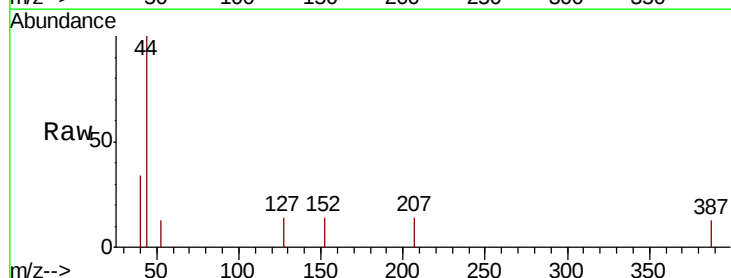
Ion 92.00 (91.70 to 92.70): BG041010.D (-1741) (-)

Ion 138.00 (137.70 to 138.70): BG041010.D (-1741) (-)



#49
Acenaphthylene
Concen: 11.389 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.19 min
Lab File: BG041010.D
Acq: 1 Jun 2019 13:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.4	26.0#
153	0.0	11.0	16.4#

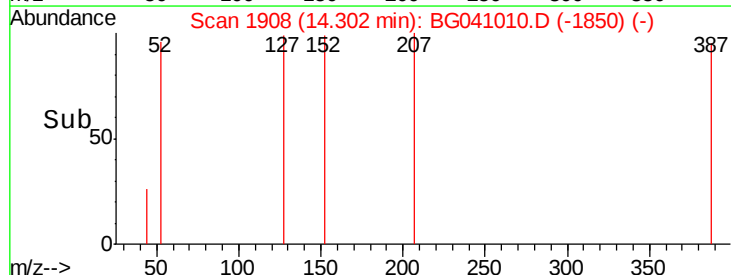
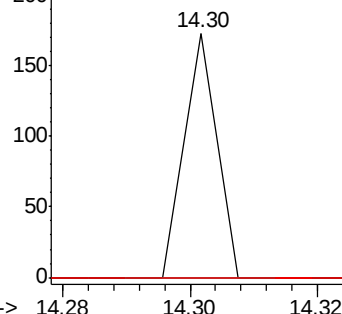


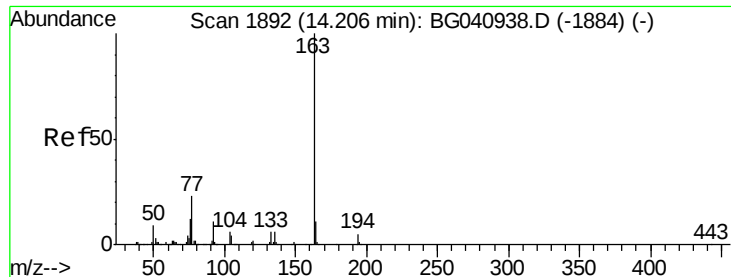
Abundance

Ion 152.00 (151.70 to 152.70): BG041010.D (-1850) (-)

Ion 151.00 (150.70 to 151.70): BG041010.D (-1850) (-)

Ion 153.00 (152.70 to 153.70): BG041010.D (-1850) (-)





#50

Dimethylphthalate

Concen: 20.673 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.20 min

Lab File: BG041010.D

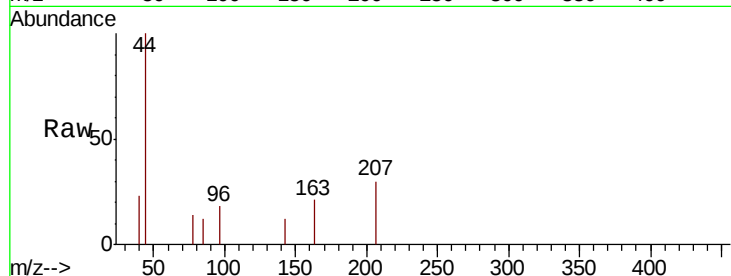
Acq: 1 Jun 2019 13:37

Instrument :

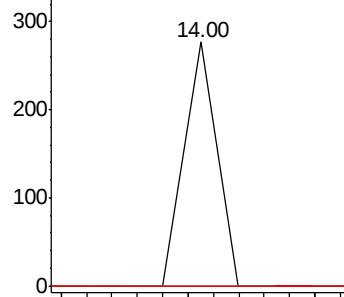
BNA_G

ClientSampleId :

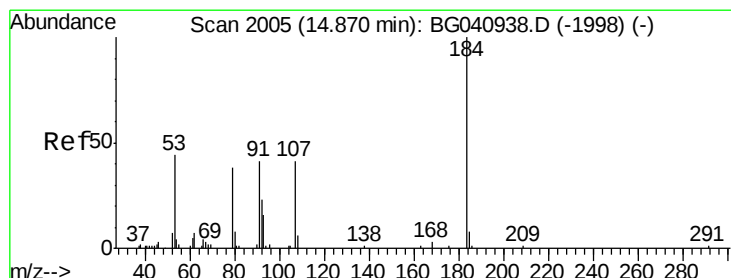
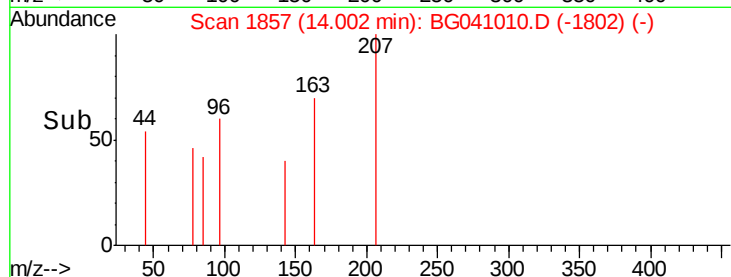
Tot Ion:	163	Resp:	98
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.8	5.8#
164	0.0	8.7	13.1#



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



Time--> 13.98 14.00 14.02



#54

2,4-Dinitrophenol

Concen: 116.613 ng

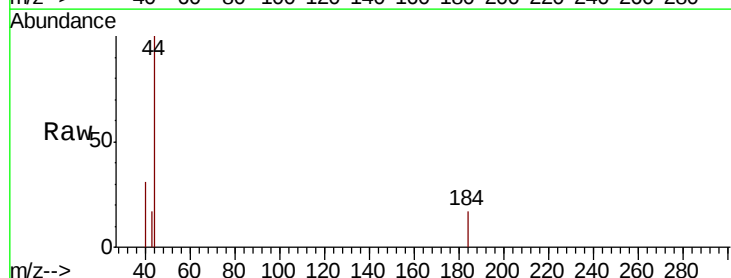
RT: 14.46 min Scan# 1935

Delta R.T. -0.41 min

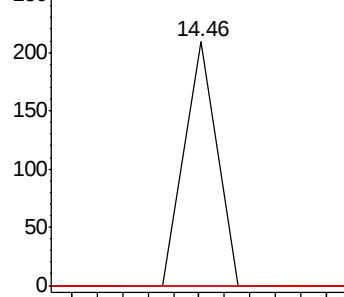
Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

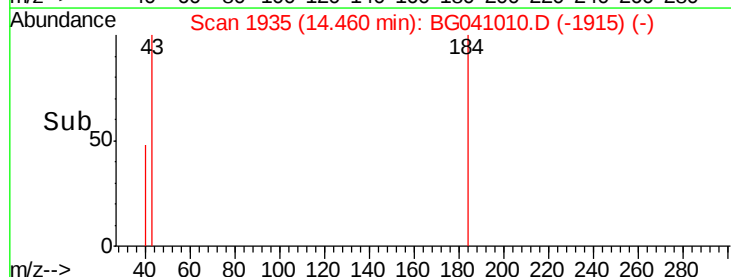
Tgt Ion:	184	Resp:	74
Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#

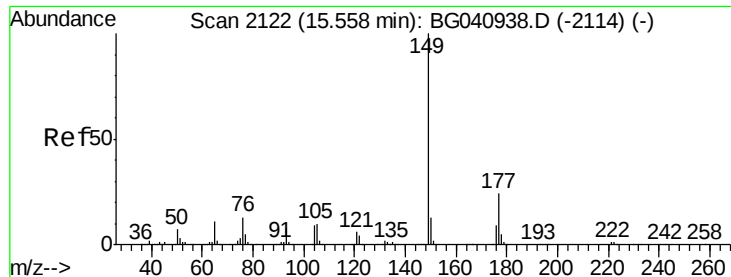


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E



Time--> 14.44 14.46





#60

Diethylphthalate

Concen: 19.431 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.38 min

Lab File: BG041010.D

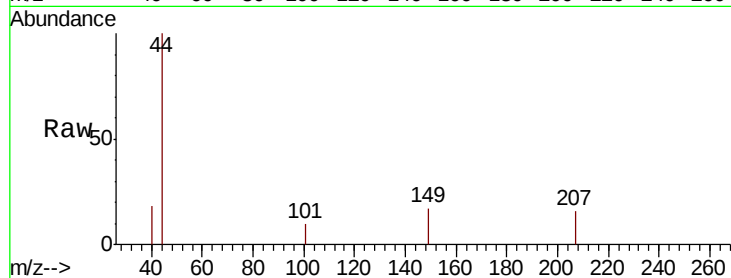
Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampled :

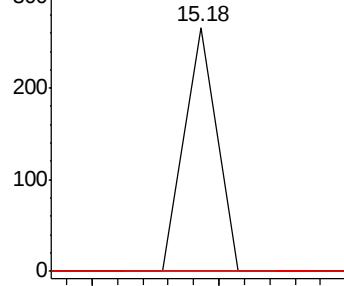
Tot Ion:	149	Resp:	94
Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.4	29.0#
150	0.0	10.3	15.5#



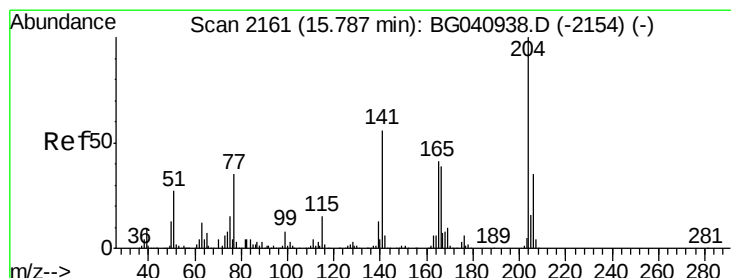
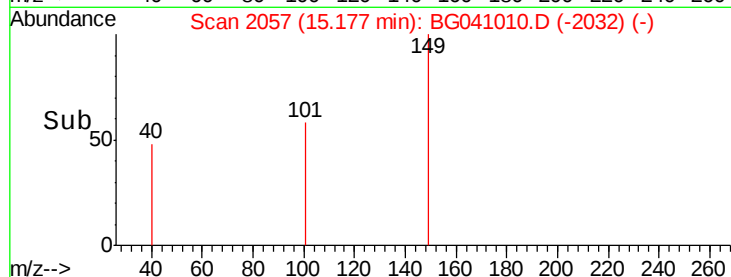
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#61

4-Chlorophenyl-phenylether

Concen: 21.585 ng

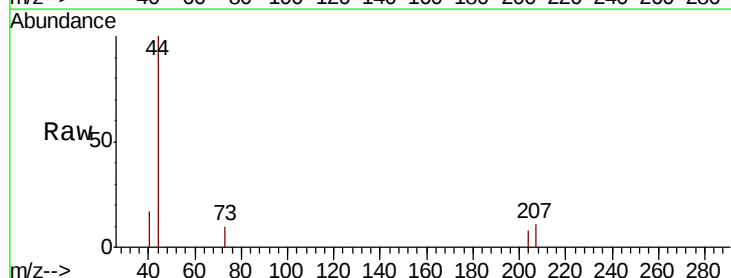
RT: 16.24 min Scan# 2238

Delta R.T. 0.45 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

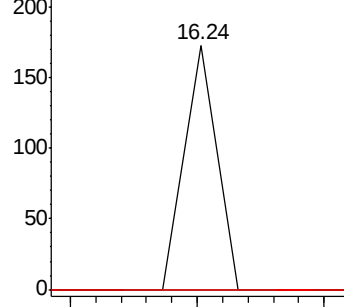
Tgt Ion:	204	Resp:	61
Ion	Ratio	Lower	Upper
204	100		
206	0.0	27.6	41.4#
141	0.0	45.1	67.7#



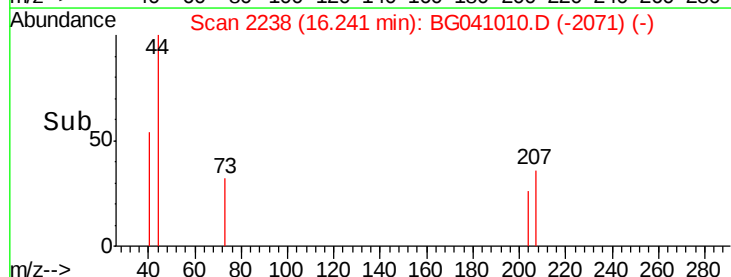
Abundance Ion 204.00 (203.70 to 204.70): E

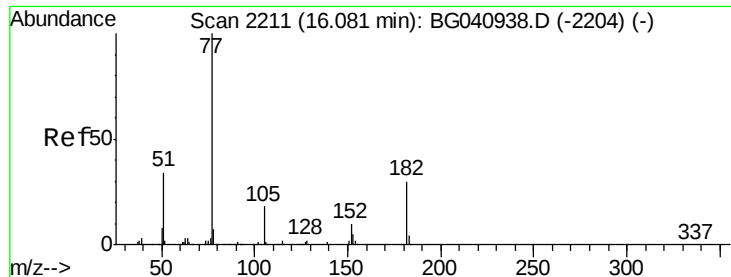
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#63

Azobenzene

Concen: 13.418 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.10 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 59

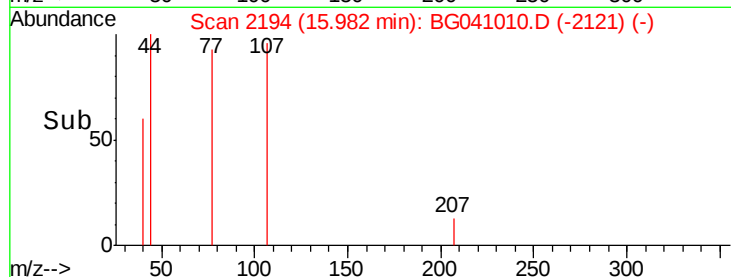
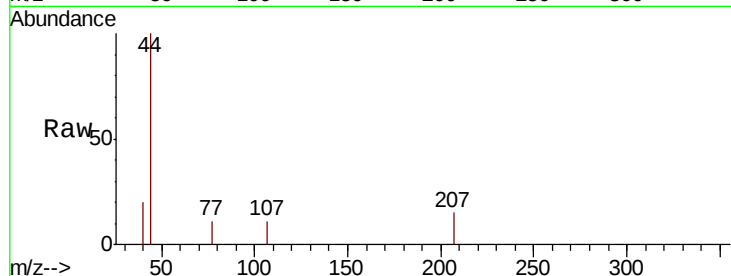
Ion Ratio Lower Upper

77 100

182 0.0 9.6 49.6#

105 0.0 0.0 37.5

51 0.0 13.7 53.7#

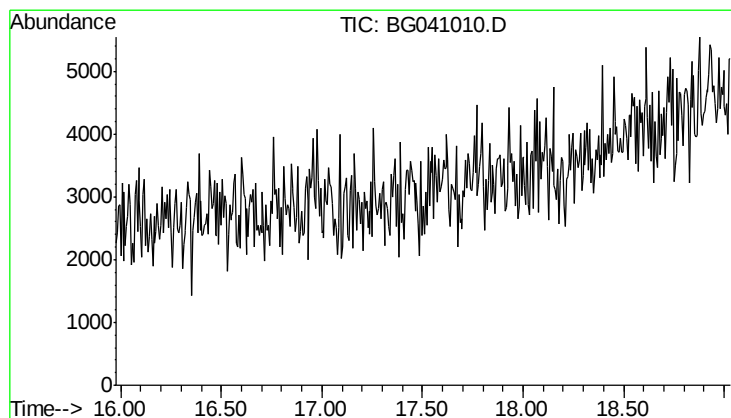
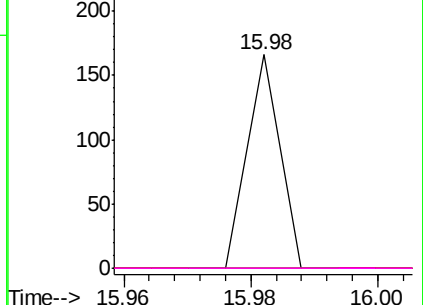


Abundance Ion 77.00 (76.70 to 77.70): BG041010.D

Ion 182.00 (181.70 to 182.70): BG041010.D

Ion 105.00 (104.70 to 105.70): BG041010.D

Ion 51.00 (50.70 to 51.70): BG041010.D



#64

Phenanthrene-d10

Concen: 0.000 ng

Expected RT: 17.50 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

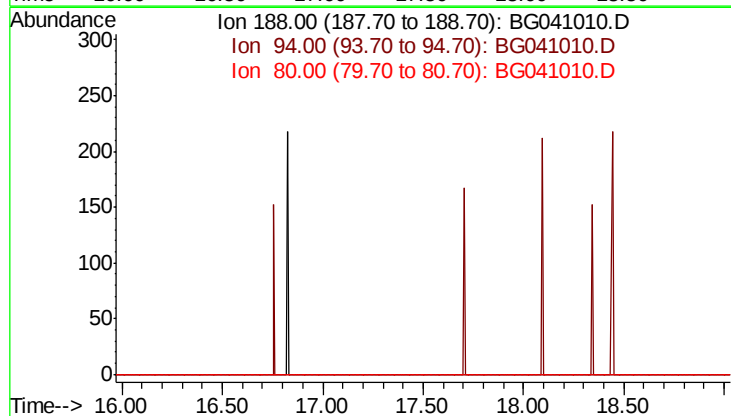
Tgt Ion: 188

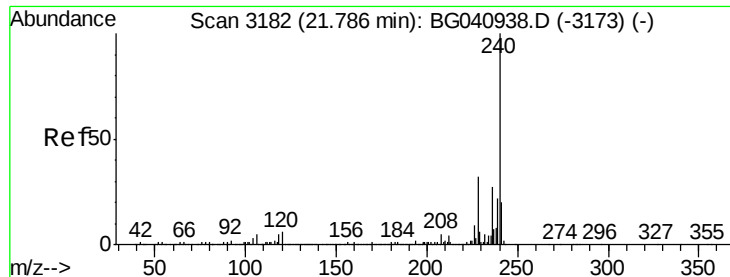
Sig Exp Ratio

188 100

94 5.9

80 7.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3146

Delta R.T. -0.21 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampled :

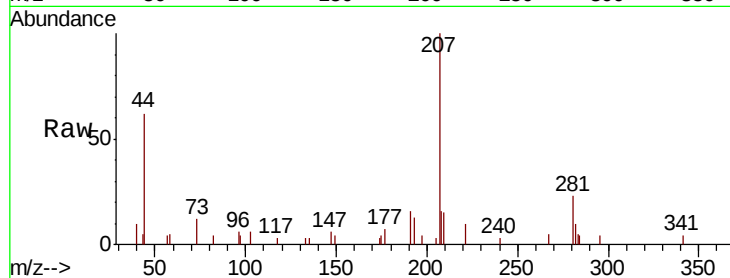
Tot Ion:240 Resp: 54

Ion Ratio Lower Upper

240 100

120 0.0 4.5 6.7#

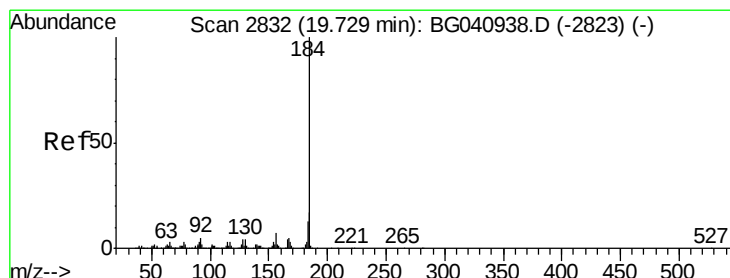
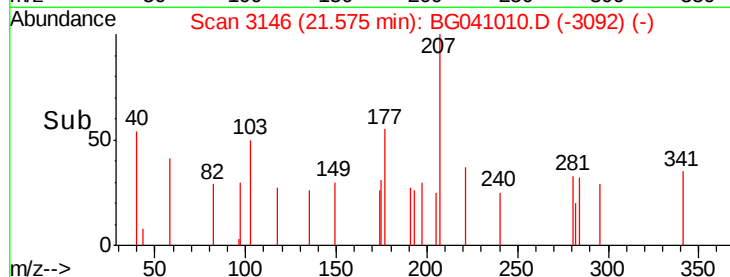
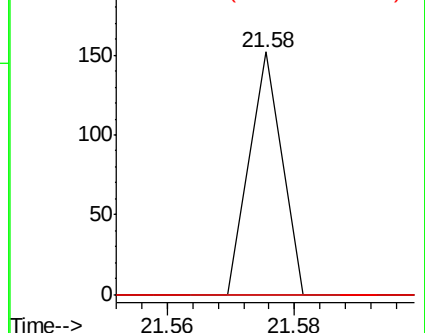
236 0.0 21.3 31.9#



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: 41.143 ng

RT: 19.07 min Scan# 2720

Delta R.T. -0.66 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

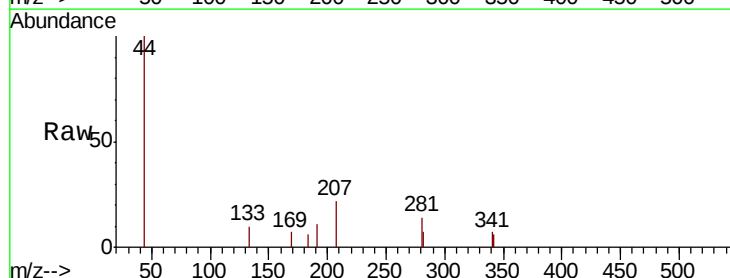
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

185 0.0 13.3 19.9#

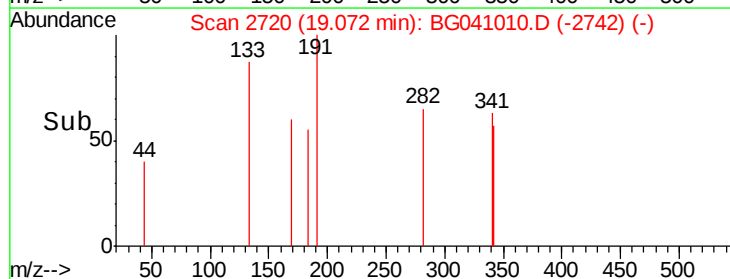
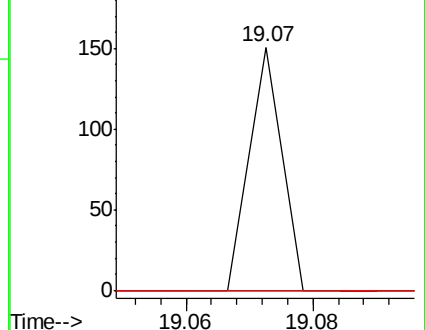
183 0.0 10.7 16.1#

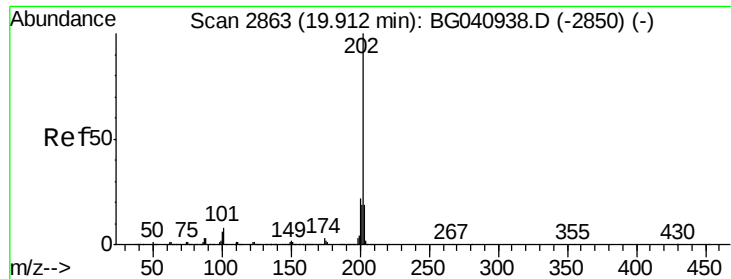


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 16.238 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.56 min

Lab File: BG041010.D

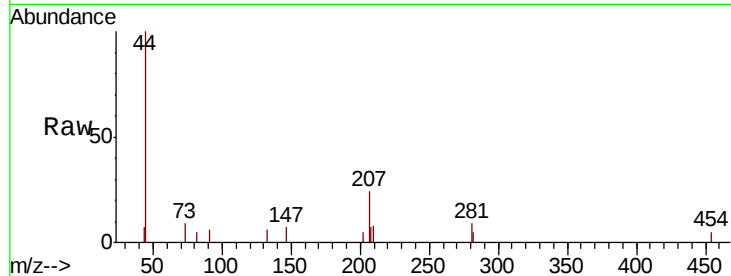
Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	57
Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.5	26.3#
203	0.0	15.6	23.4#

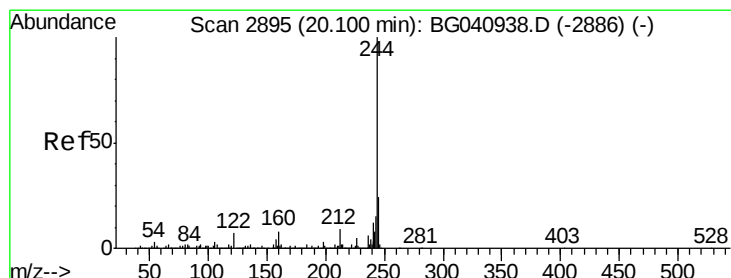
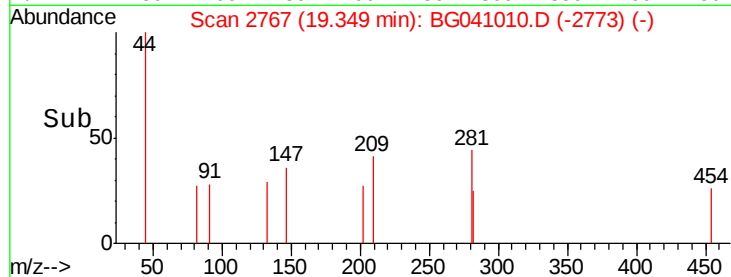
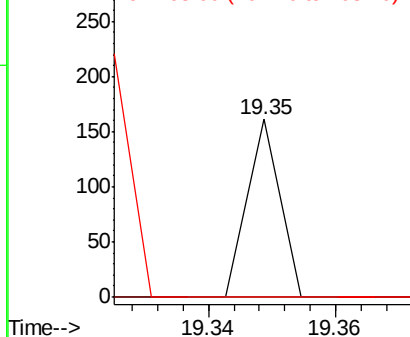


Abundance

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: 22.403 ng

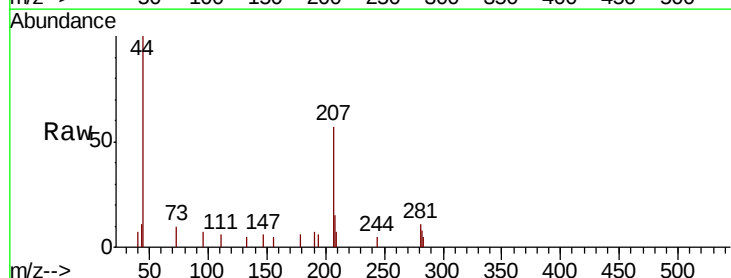
RT: 20.11 min Scan# 2897

Delta R.T. 0.01 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Tgt Ion:	244	Resp:	57
Ion	Ratio	Lower	Upper
244	100		
212	0.0	7.0	10.4#
122	0.0	5.4	8.0#

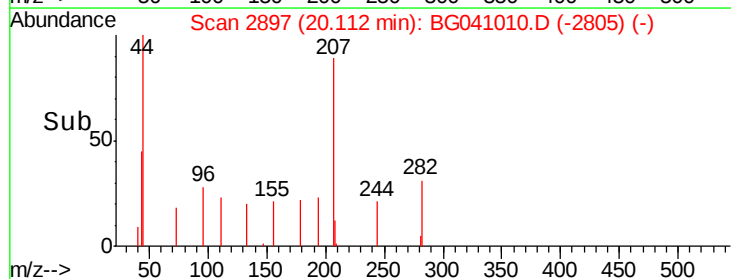
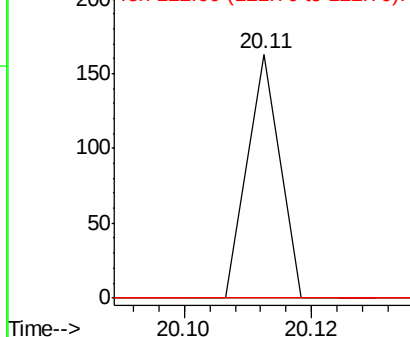


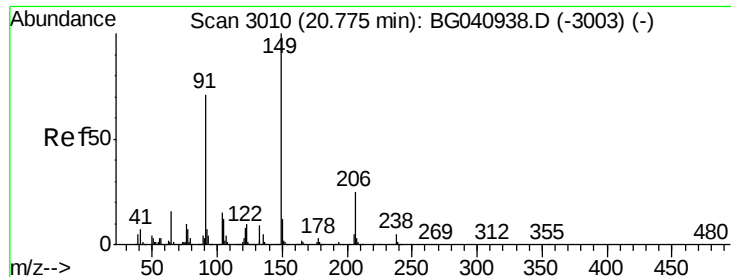
Abundance

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: 40.261 ng

RT: 20.59 min Scan# 2978

Delta R.T. -0.19 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampled :

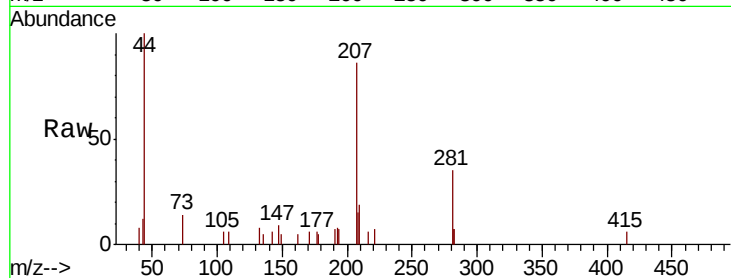
Tot Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

91 0.0 56.5 84.7#

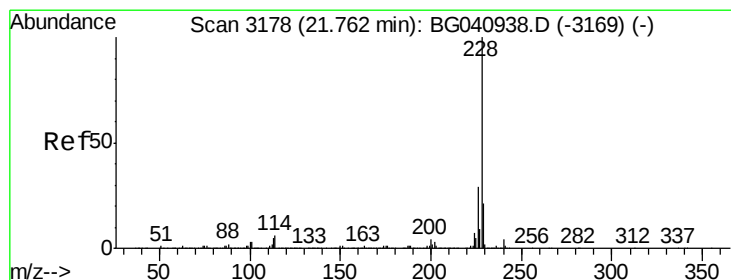
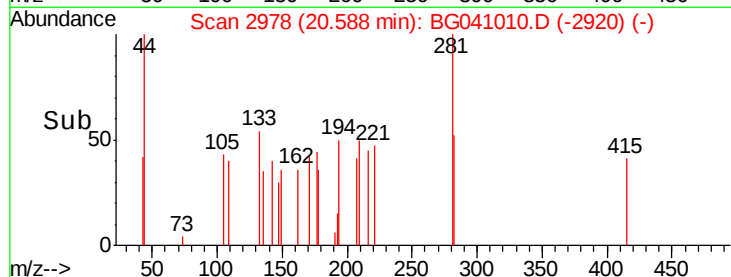
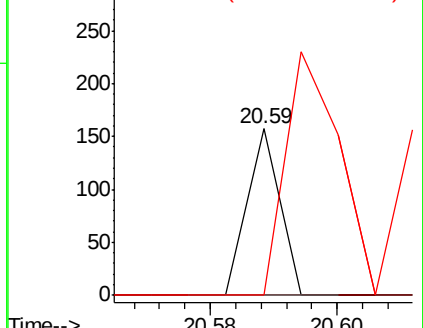
206 0.0 20.3 30.5#



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: 17.526 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.18 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

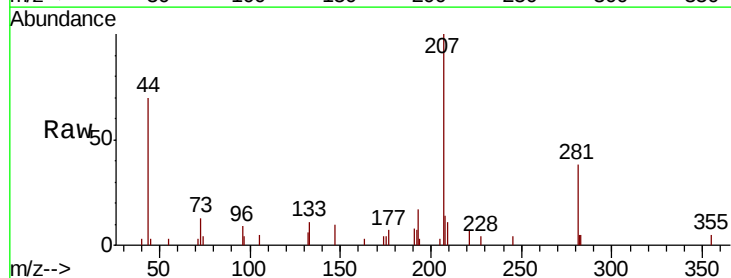
Tgt Ion:228 Resp: 63

Ion Ratio Lower Upper

228 100

226 0.0 23.5 35.3#

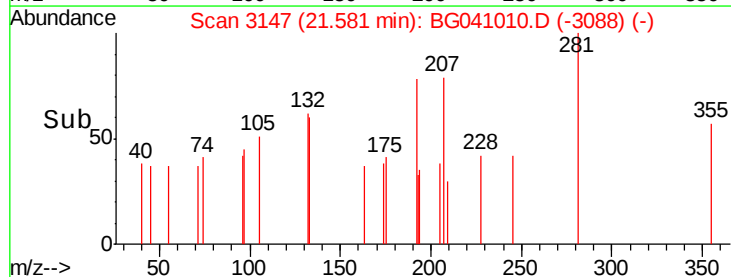
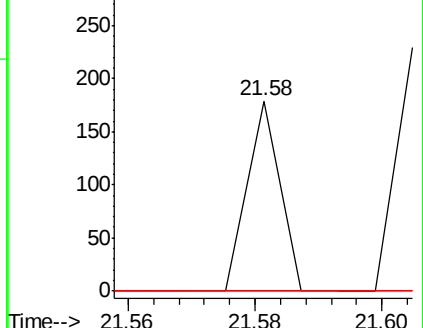
229 0.0 16.7 25.1#

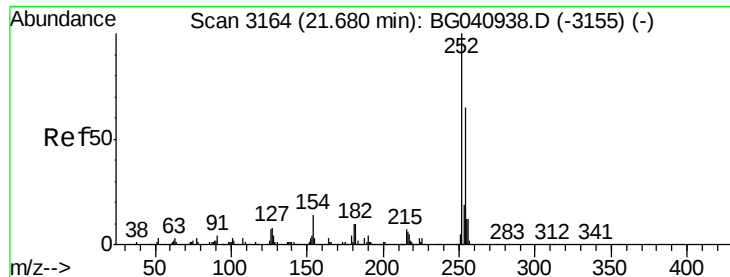


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 51.412 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.22 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampled :

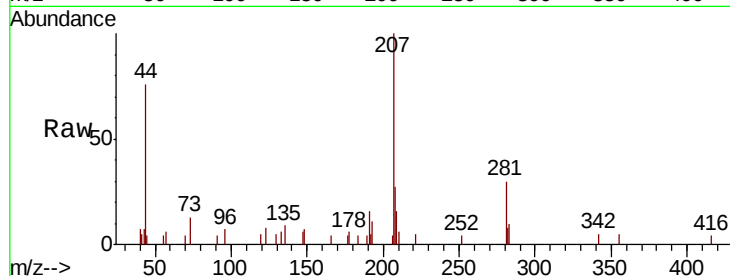
Tot Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

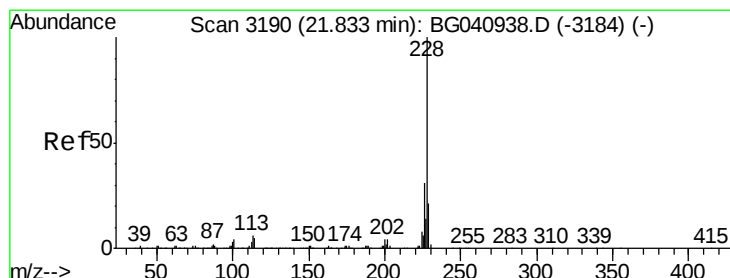
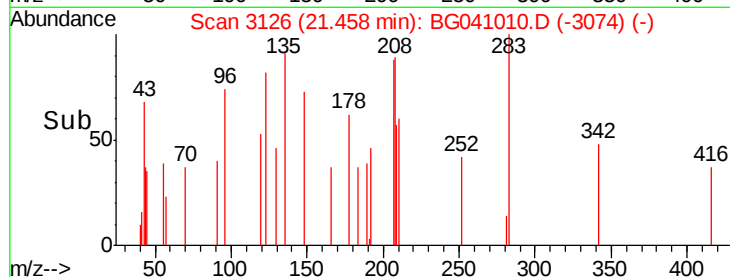
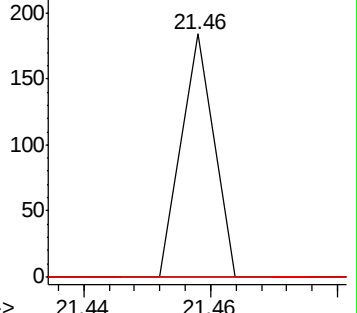
126 0.0 5.5 8.3#



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: 23.547 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.23 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

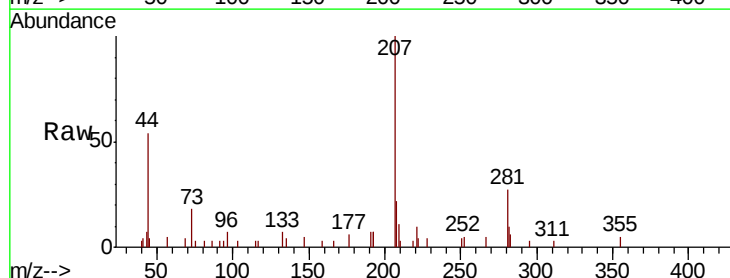
Tgt Ion:228 Resp: 81

Ion Ratio Lower Upper

228 100

226 0.0 24.6 37.0#

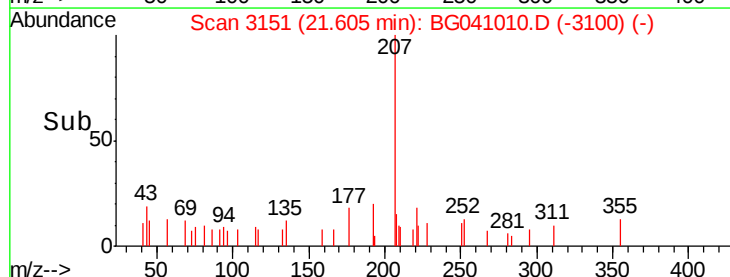
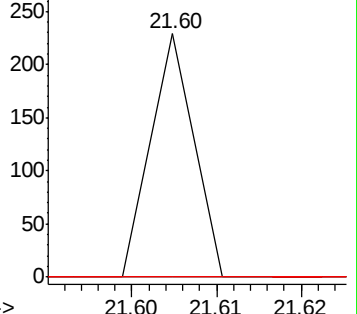
229 0.0 16.6 24.8#

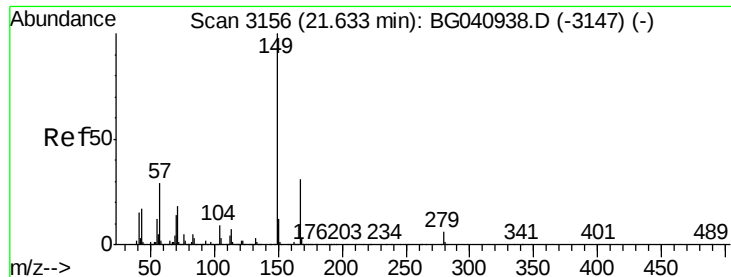


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 43.681 ng

RT: 21.43 min Scan# 3121

Delta R.T. -0.20 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampleId :

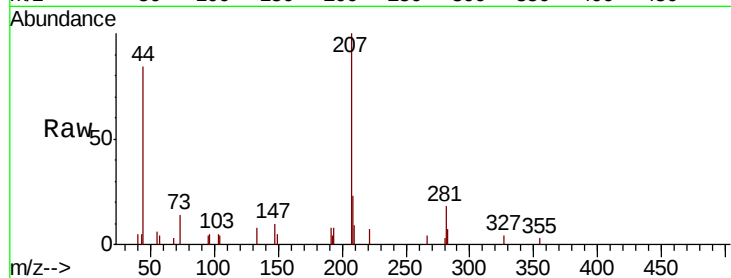
Tot Ion:149 Resp: 84

Ion Ratio Lower Upper

149 100

167 0.0 24.6 37.0#

279 0.0 5.0 7.6#



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

21.43

250

200

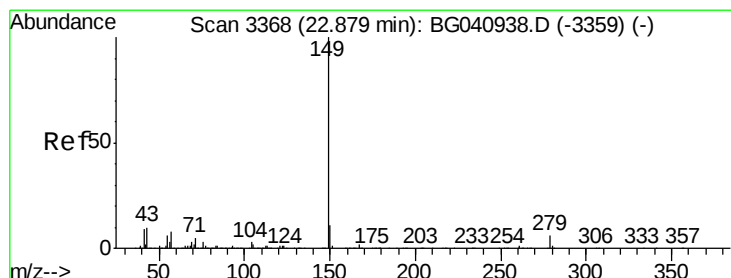
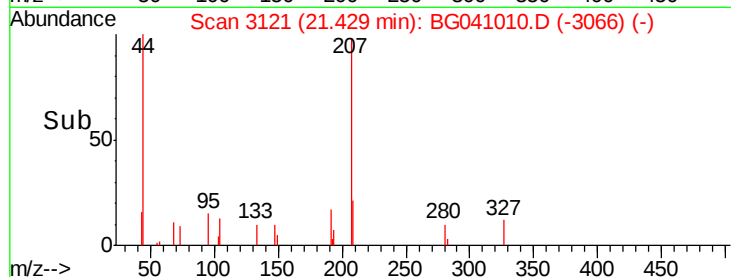
150

100

50

0

Time-->



#85

Di-n-octyl phthalate

Concen: 18.109 ng

RT: 22.64 min Scan# 3328

Delta R.T. -0.23 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

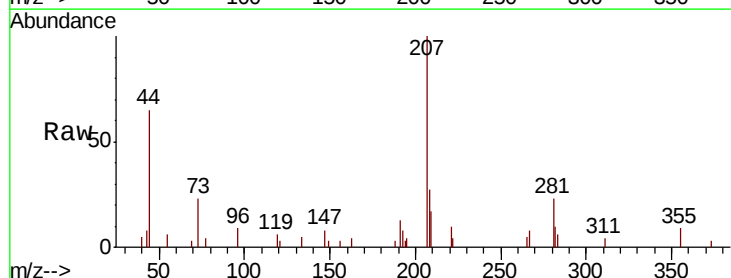
Tgt Ion:149 Resp: 58

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 1486.2 8.1 12.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

1000

800

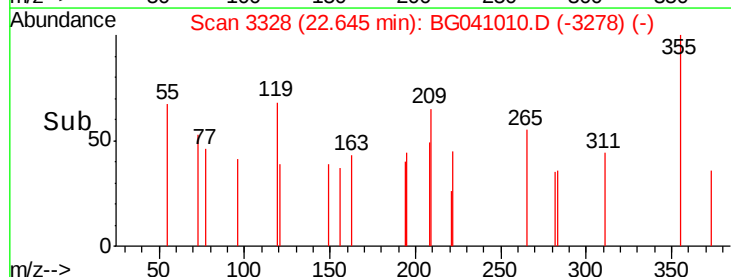
600

400

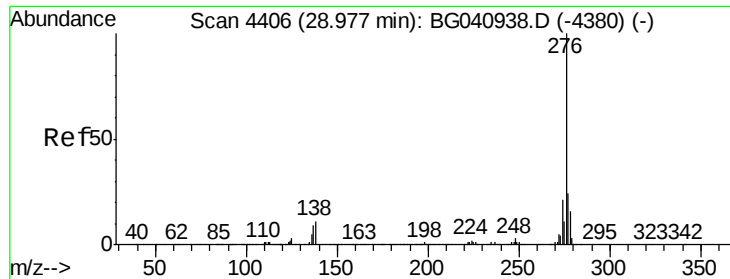
200

0

Time-->



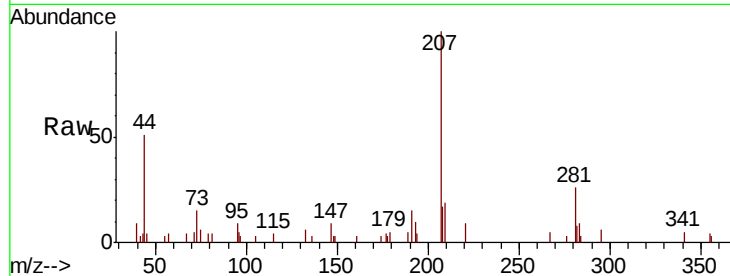
Time-->



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 13.527 ng
 RT: 28.40 min Scan# 4308
 Delta R.T. -0.57 min
 Lab File: BG041010.D
 Acq: 1 Jun 2019 13:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	5.7	8.5#
277	0.0	20.8	31.2#

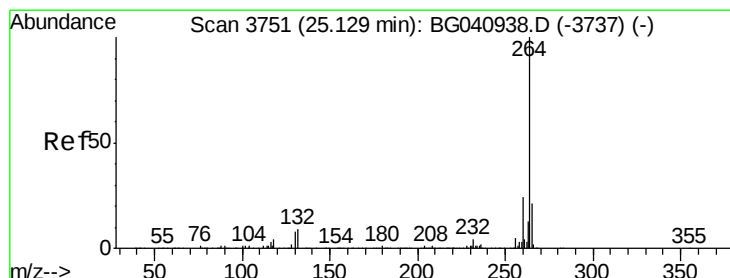
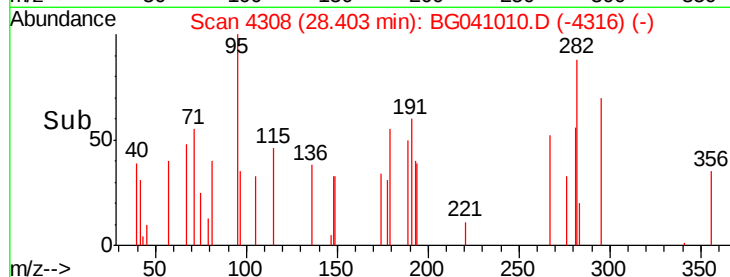
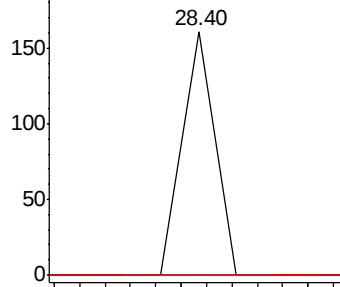


Abundance

Ion 276.00 (275.70 to 276.70): E

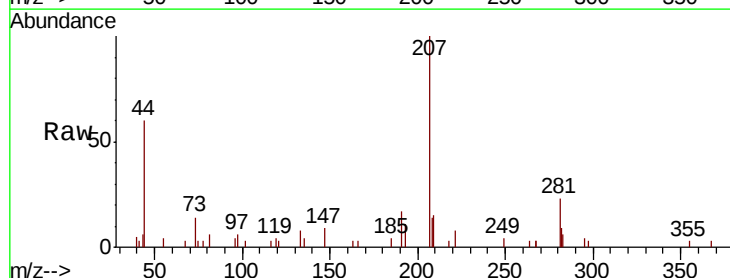
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3679
 Delta R.T. -0.42 min
 Lab File: BG041010.D
 Acq: 1 Jun 2019 13:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.0	28.4#
265	0.0	17.0	25.4#

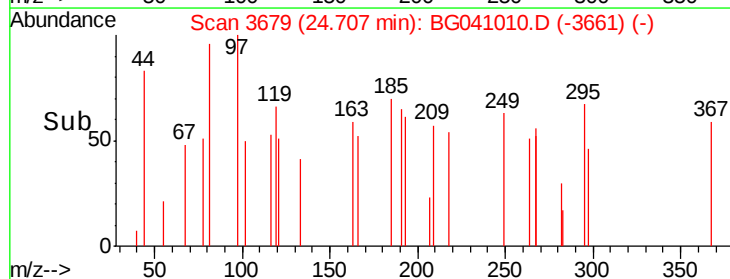
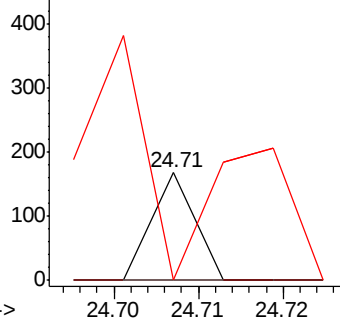


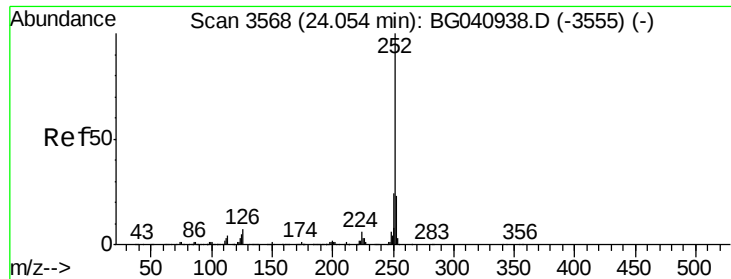
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 40.240 ng

RT: 23.60 min Scan# 3490

Delta R.T. -0.46 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampled :

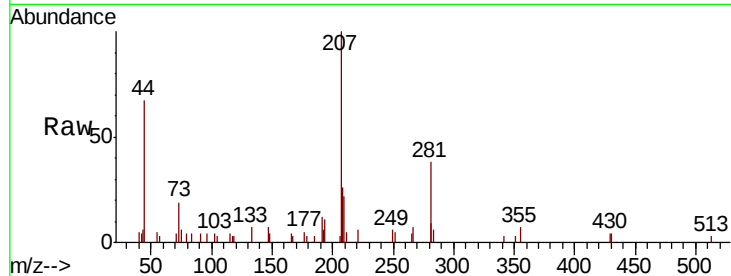
Tot Ion:252 Resp: 144

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

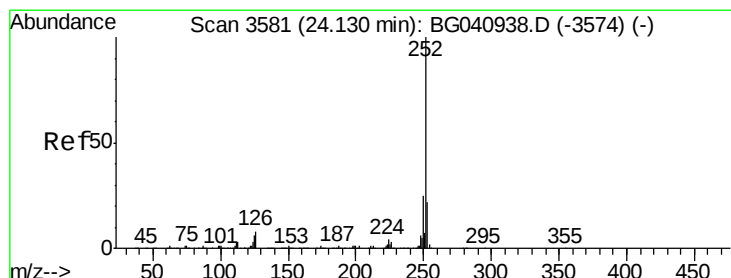
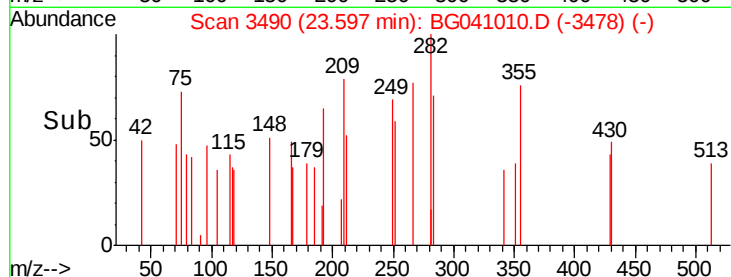
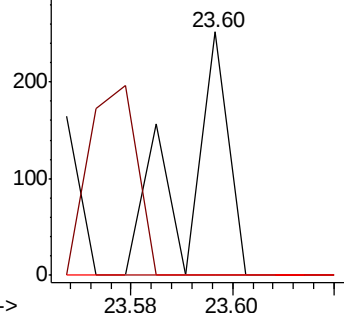
125 0.0 4.3 6.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 17.226 ng

RT: 23.71 min Scan# 3509

Delta R.T. -0.42 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

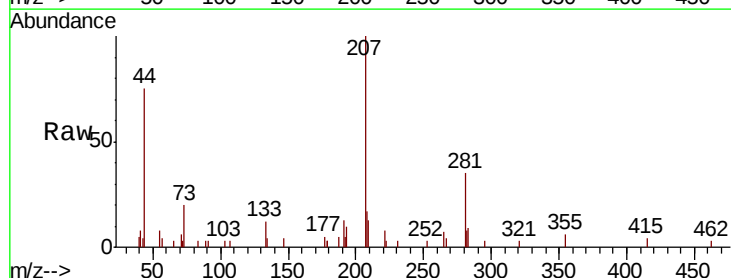
Tgt Ion:252 Resp: 61

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

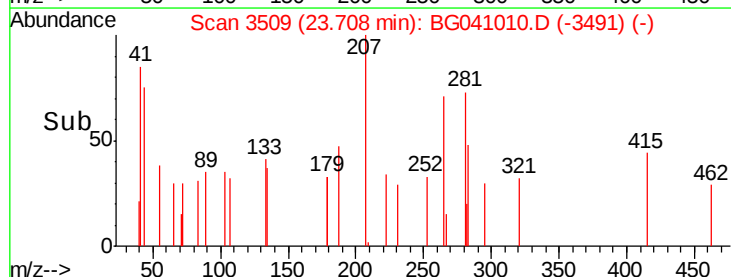
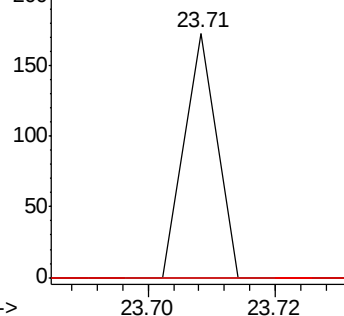
125 0.0 4.7 7.1#

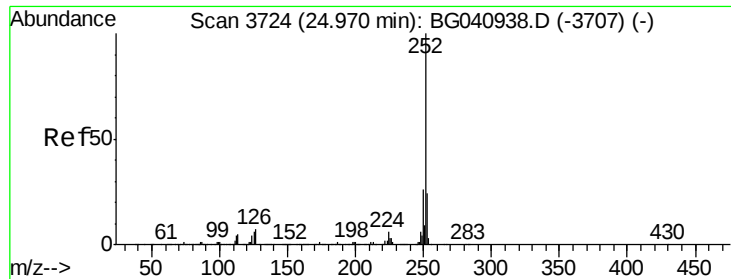


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 17.574 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.40 min

Lab File: BG041010.D

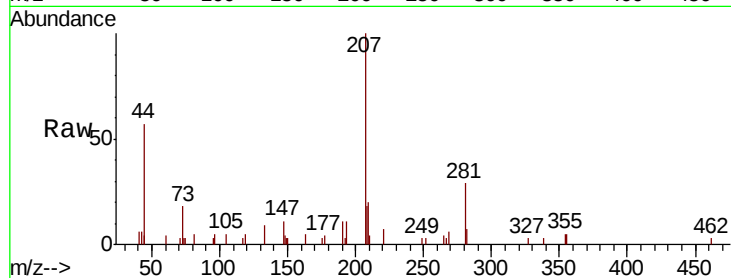
Acq: 1 Jun 2019 13:37

Instrument :

BNA_G

ClientSampleId :

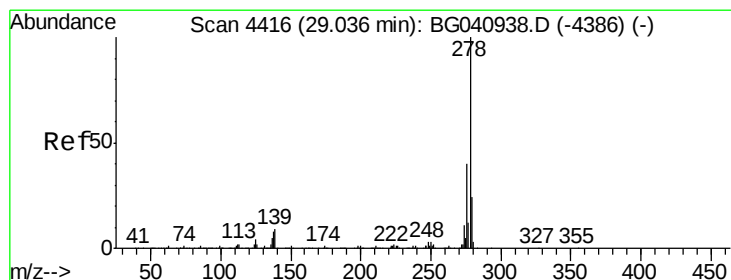
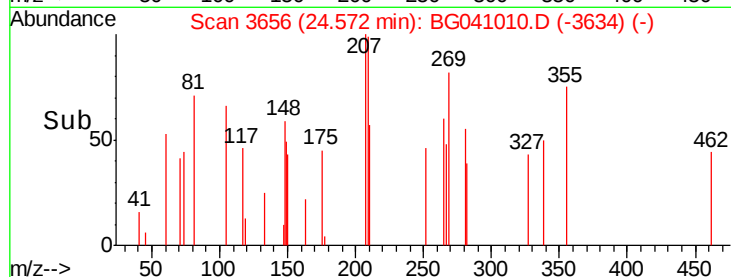
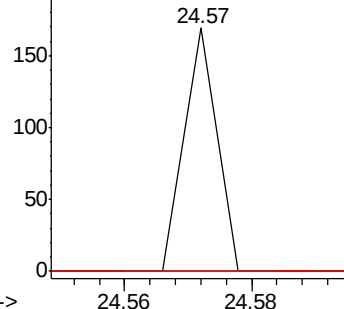
Tot Ion:	252	Resp:	60
Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.5	29.3#
125	0.0	5.1	7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 18.467 ng

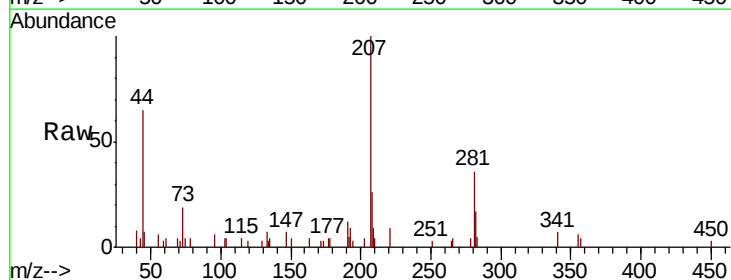
RT: 28.89 min Scan# 4391

Delta R.T. -0.15 min

Lab File: BG041010.D

Acq: 1 Jun 2019 13:37

Tgt Ion:	278	Resp:	63
Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.1	10.7#
279	0.0	19.4	29.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

