

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037447.D
 Acq On : 19 Oct 2018 10:45
 Operator : JU/SJ
 Sample : PB113672BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113692BL

Quant Time: Oct 19 23:27:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	62009	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	269473	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	187410	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	484063	20.00	ng	0.00
76) Chrysene-d12	21.77	240	447078	20.00	ng	0.00
87) Perylene-d12	25.10	264	430089	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	444784	119.92	ng	0.00
7) Phenol-d6	7.25	99	642181	114.50	ng	0.00
23) Nitrobenzene-d5	9.28	82	361527	75.16	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	235327	115.13	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	907114	72.99	ng	0.00
79) Terphenyl-d14	20.09	244	1486157	71.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	147	0.078	ng	# 1
3) Pyridine	3.80	79	58	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	119	0.070	ng	# 1
6) Aniline	7.63	93	865	0.126	ng	# 1
8) 2-Chlorophenol	7.55	128	54	0.012	ng	# 32
9) Benzaldehyde	7.25	77	861	0.245	ng	# 4
10) Phenol	7.63	94	1076	0.182	ng	# 1
11) bis(2-Chloroethyl)ether	7.63	93	865	0.192	ng	# 1
12) 1,3-Dichlorobenzene	8.43	146	54	0.011	ng	# 1
13) 1,4-Dichlorobenzene	8.43	146	54	0.011	ng	# 1
14) 1,2-Dichlorobenzene	8.43	146	54	0.011	ng	# 1
15) Benzyl Alcohol	8.43	79	5373	1.297	ng	# 41
17) 2-Methylphenol	8.41	107	55	0.014	ng	# 1
19) n-Nitroso-di-n-propylamine	9.28	70	44992	11.650	ng	# 69
20) 3+4-Methylphenols	8.41	107	55	0.010	ng	# 1
24) Nitrobenzene	9.29	77	1082	0.217	ng	# 46
25) Isophorone	9.52	82	370	0.042	ng	# 67
46) 1,1'-Biphenyl	13.58	154	1428	0.092	ng	# 67
48) 2-Nitroaniline	13.36	65	1440	0.404	ng	# 1
49) Acenaphthylene	14.46	152	71	0.004	ng	# 59
51) 2,6-Dinitrotoluene	14.74	165	23940	7.464	ng	# 26
52) Acenaphthene	14.74	154	617	0.057	ng	# 3
57) 2,4-Dinitrotoluene	14.74	165	23940	5.686	ng	# 25
58) Fluorene	16.23	166	11758	0.871	ng	# 77
61) 4-Chlorophenyl-phenylether	15.91	204	53	0.007	ng	# 30
63) Azobenzene	16.22	77	1320	0.093	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.23	198	644	8.716	ng	# 84
66) n-Nitrosodiphenylamine	16.23	169	9492	0.652	ng	# 47
67) 4-Bromophenyl-phenylether	16.23	248	18783	3.533	ng	# 1
71) Phenanthrene	17.48	178	56	0.002	ng	# 1
72) Anthracene	17.48	178	56	0.002	ng	# 1
73) Carbazole	17.49	167	54	0.002	ng	# 58
74) Di-n-butylphthalate	18.88	149	53	0.002	ng	# 77
77) Benzidine	20.09	184	24302	1.599	ng	# 94

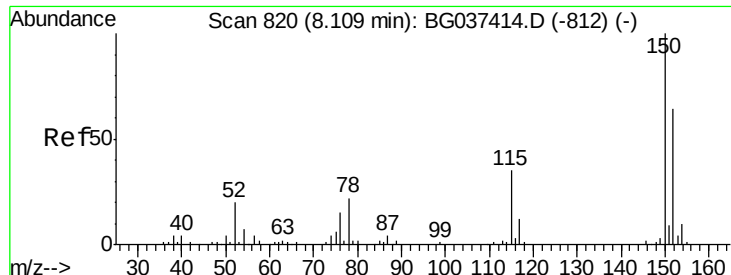
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037447.D
 Acq On : 19 Oct 2018 10:45
 Operator : JU/SJ
 Sample : PB113672BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113692BL

Quant Time: Oct 19 23:27:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	20.09	202	5437	0.186	ng	# 68
80) Butylbenzylphthalate	20.84	149	57	0.005	ng	# 23
81) Benzo(a)anthracene	21.77	228	1224	0.046	ng	# 65
82) 3,3'-Dichlorobenzidine	21.56	252	77	0.008	ng	# 25
83) Chrysene	21.77	228	1224	0.048	ng	# 62
84) Bis(2-ethylhexyl)phthalate	21.63	149	580	0.035	ng	# 51
85) Di-n-octyl phthalate	22.86	149	242	0.009	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.90	276	74	0.003	ng	# 55
88) Benzo(b)fluoranthene	24.05	252	55	0.002	ng	# 59
89) Benzo(k)fluoranthene	24.10	252	65	0.003	ng	# 60
90) Benzo(a)pyrene	24.96	252	121	0.005	ng	# 60
91) Dibenzo(a,h)anthracene	28.97	278	60	0.003	ng	# 57
92) Benzo(g,h,i)perylene	30.10	276	56	0.003	ng	# 53

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

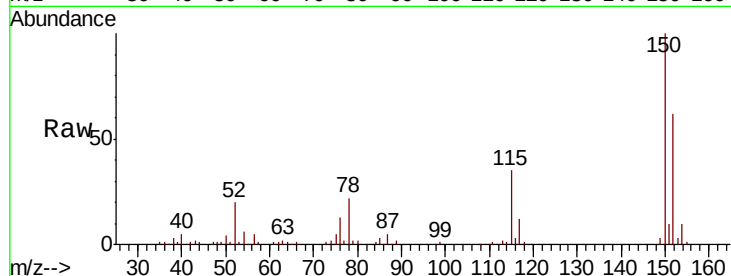


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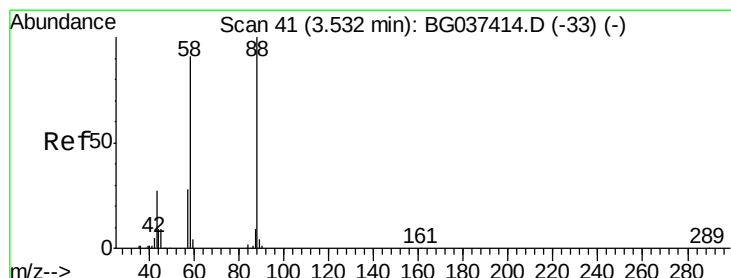
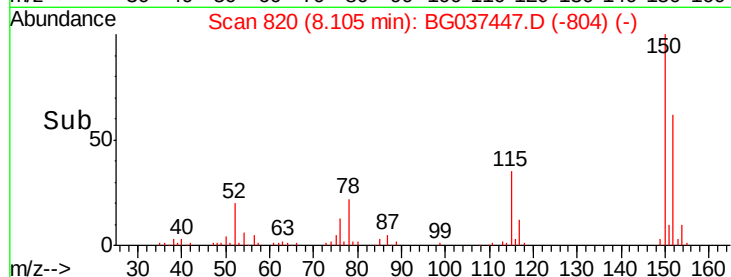
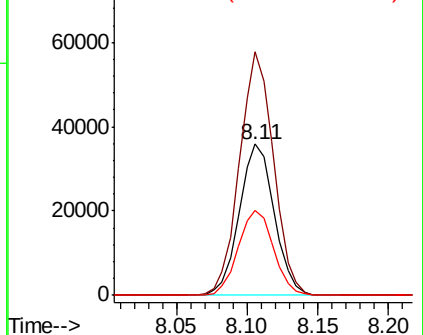
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Instrument :
BNA_G
ClientSampleId :
PB113692BL

Tgt Ion:152 Resp: 62009
Ion Ratio Lower Upper
152 100
150 161.0 126.0 189.0
115 56.4 45.5 68.3



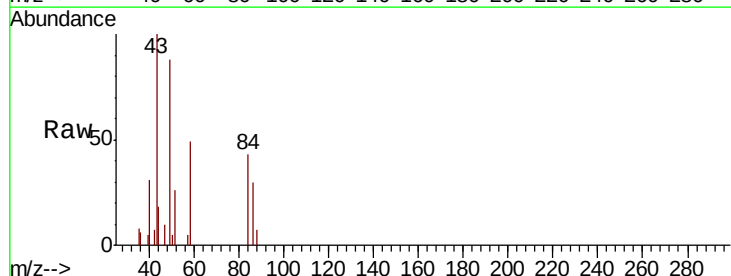
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



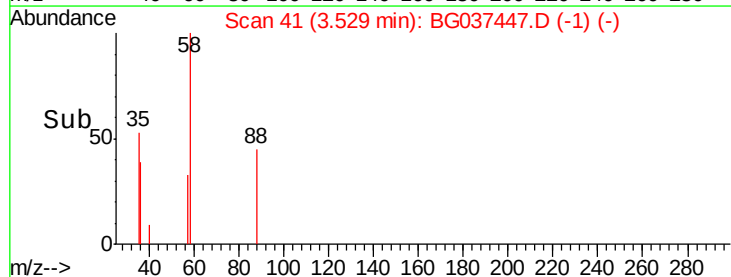
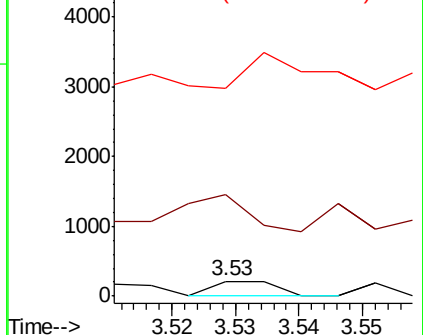
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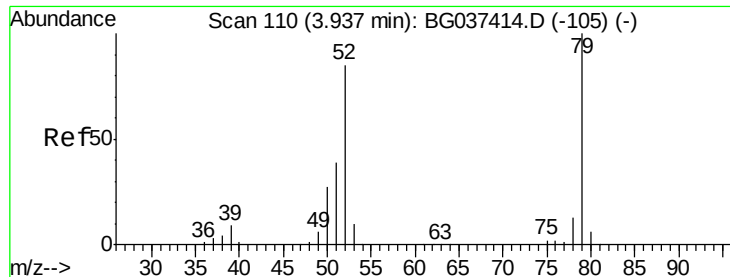
1,4-Dioxane
Concen: 0.078 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Tgt Ion: 88 Resp: 147
Ion Ratio Lower Upper
88 100
58 568.0 74.4 111.6#
43 267.3 25.8 38.8#



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

Pyridine

Concen: 0.012 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.14 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

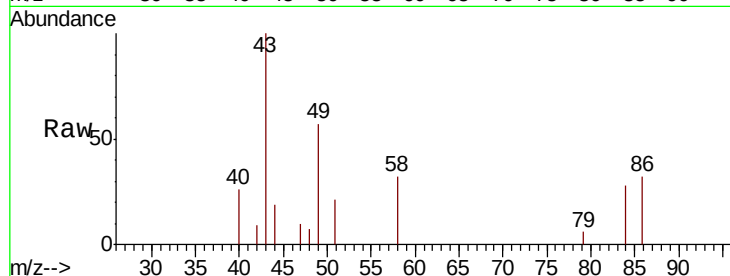
Tgt Ion: 79 Resp: 58

Ion Ratio Lower Upper

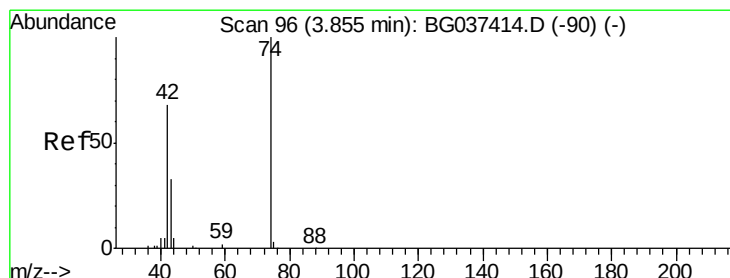
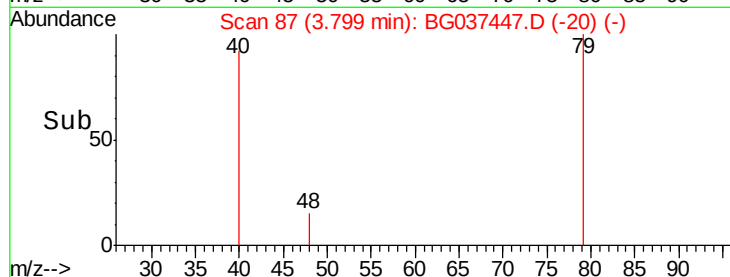
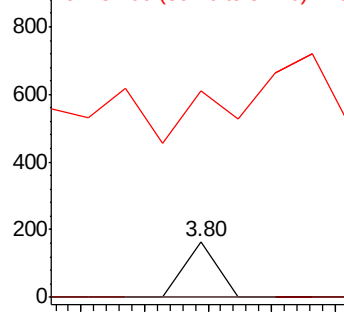
79 100

52 0.0 74.2 111.2#

51 369.1 34.6 51.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.070 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

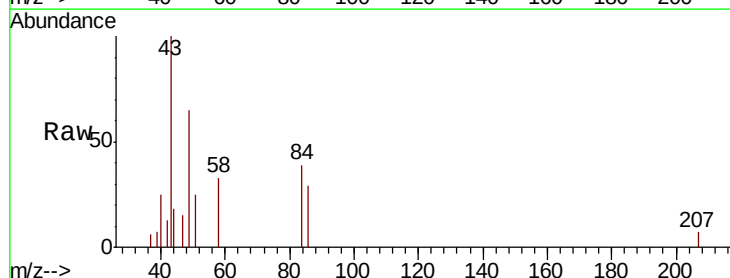
Tgt Ion: 42 Resp: 119

Ion Ratio Lower Upper

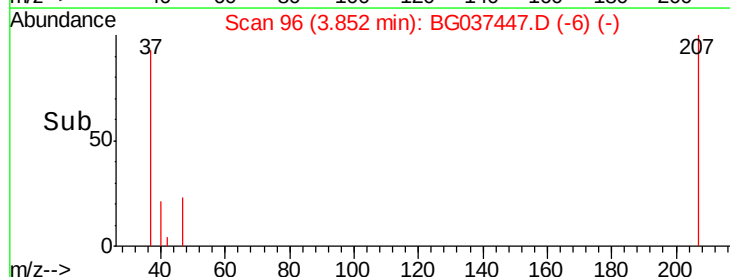
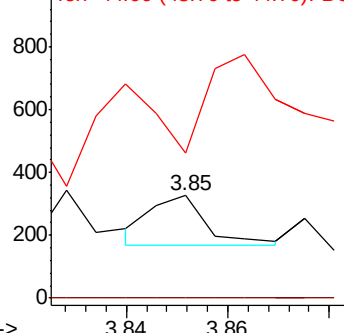
42 100

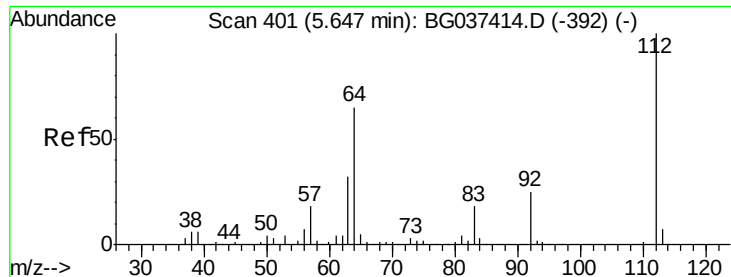
74 0.0 102.0 153.0#

44 141.4 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 119.920 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

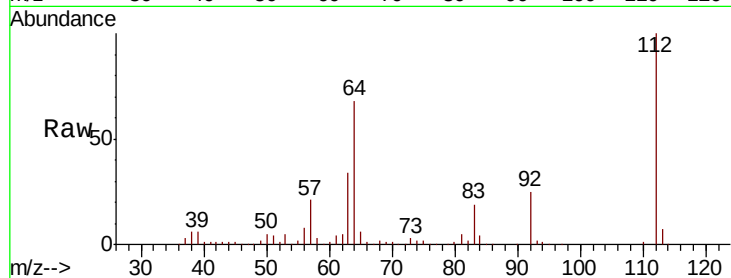
Tgt Ion: 112 Resp: 444784

Ion Ratio Lower Upper

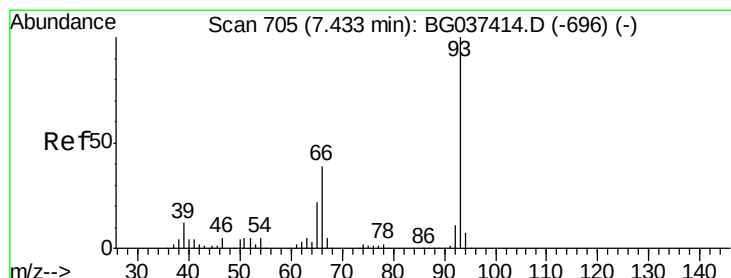
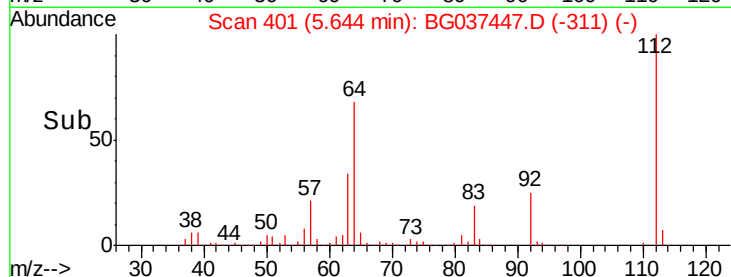
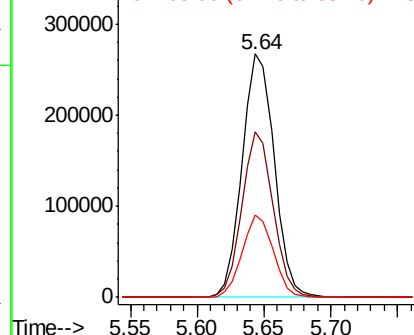
112 100

64 67.8 53.1 79.7

63 33.7 27.3 40.9



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: 0.126 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.20 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

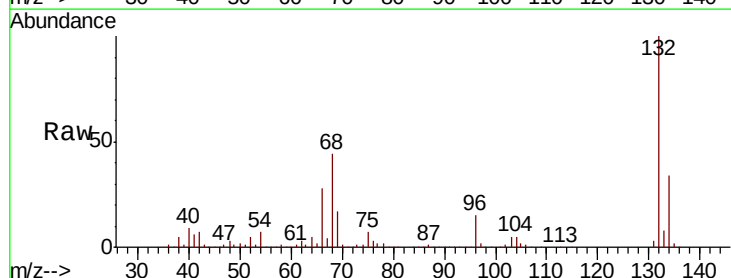
Tgt Ion: 93 Resp: 865

Ion Ratio Lower Upper

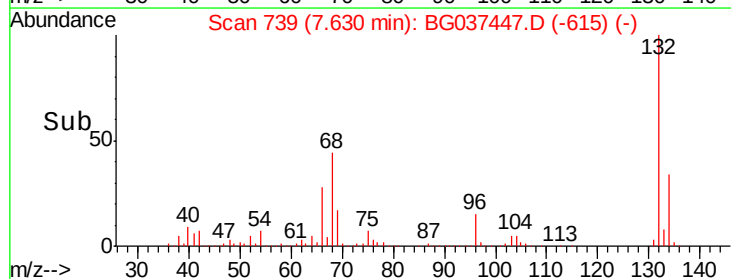
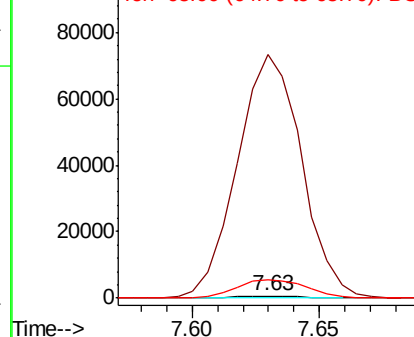
93 100

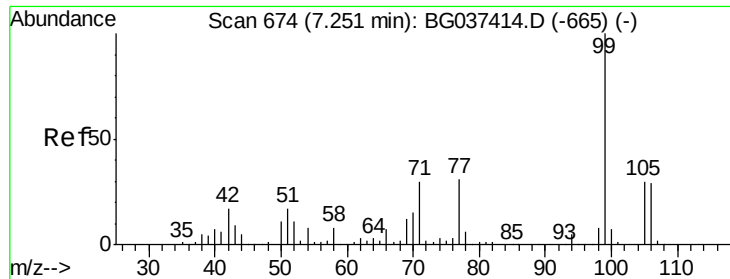
66 13070.9 32.8 49.2#

65 954.2 16.4 24.6#



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: 114.502 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

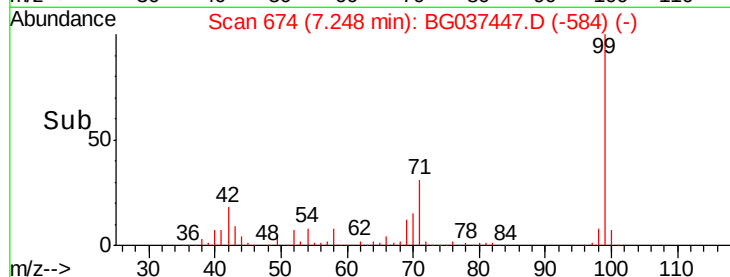
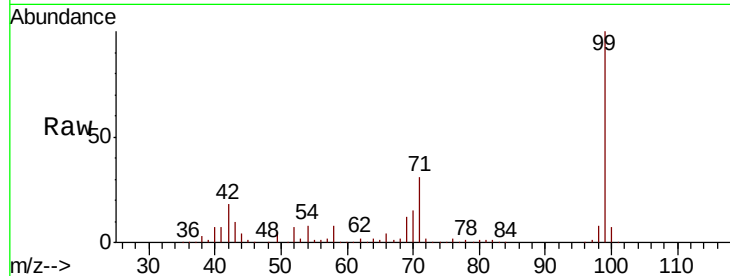
Tgt Ion: 99 Resp: 642181

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

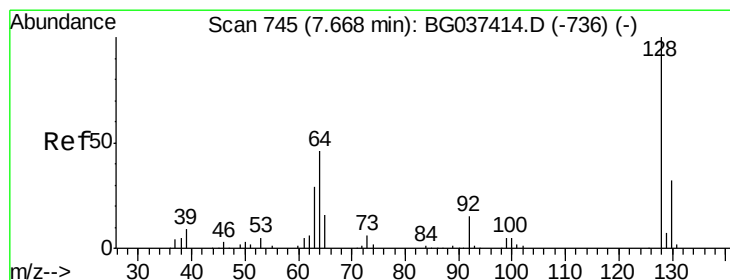
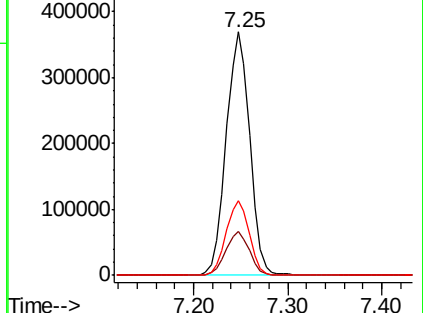
71 30.8 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 0.012 ng

RT: 7.55 min Scan# 725

Delta R.T. -0.12 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

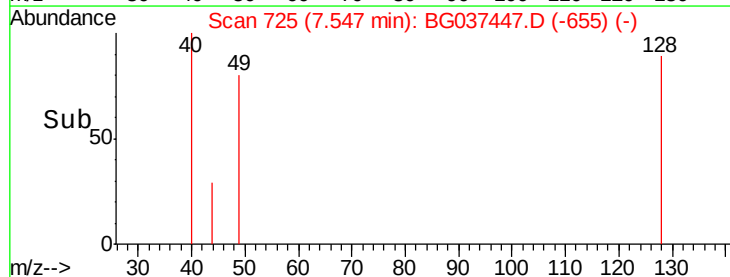
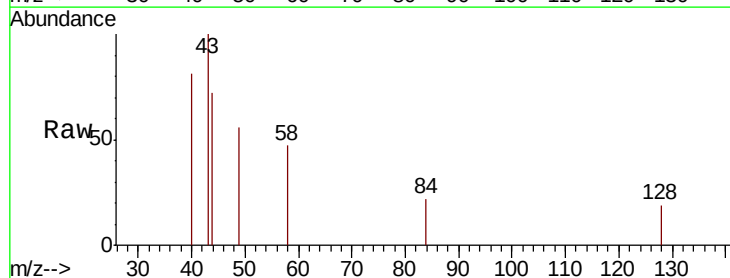
Tgt Ion: 128 Resp: 54

Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

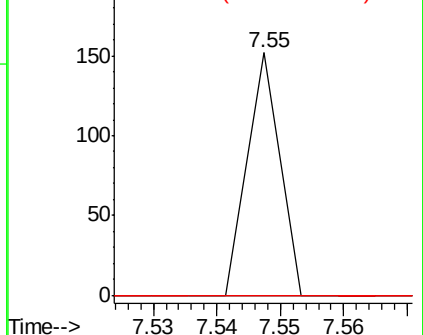
64 0.0 32.9 72.9#

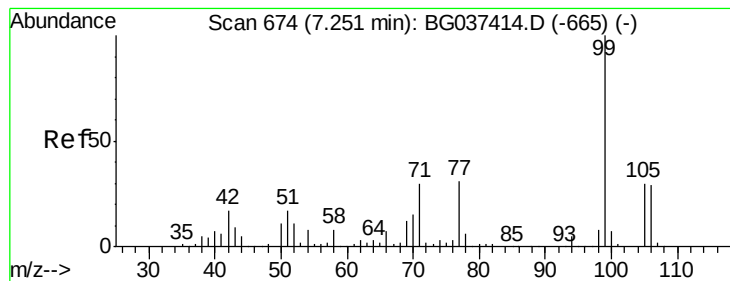


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.245 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampled :

PB113692BL

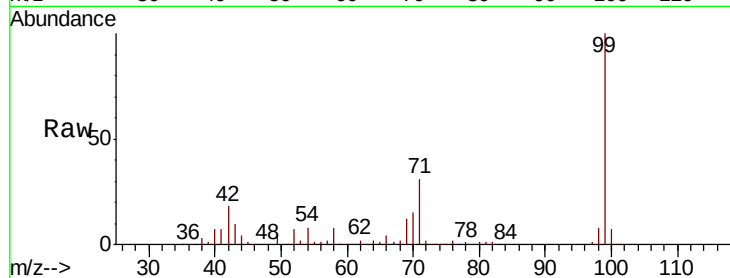
Tgt Ion: 77 Resp: 861

Ion Ratio Lower Upper

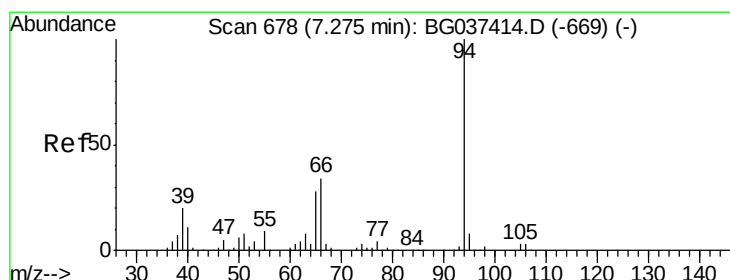
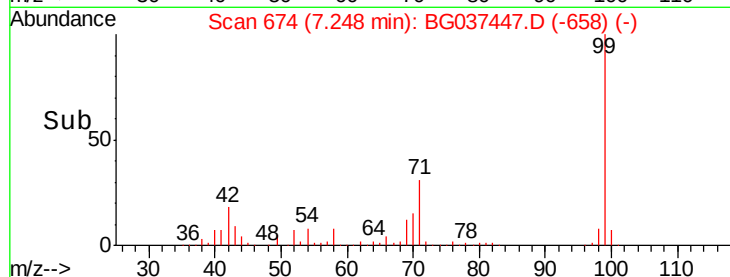
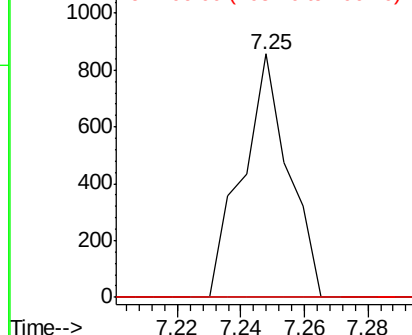
77 100

105 0.0 72.6 112.6#

106 0.0 71.3 111.3#



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: 0.182 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.36 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

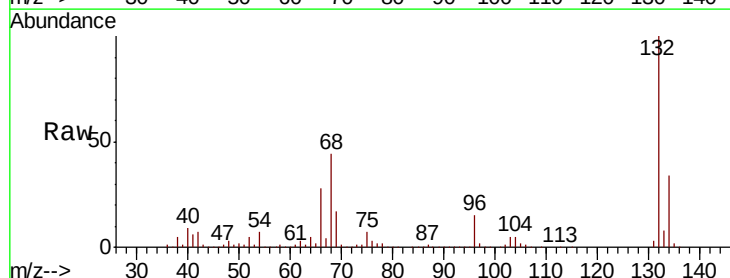
Tgt Ion: 94 Resp: 1076

Ion Ratio Lower Upper

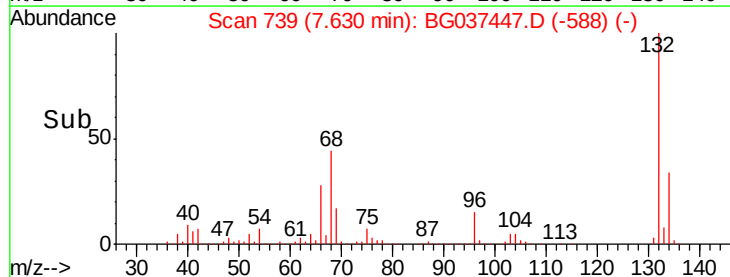
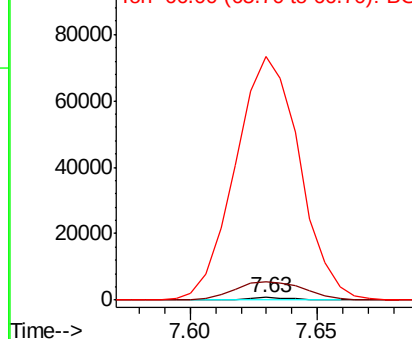
94 100

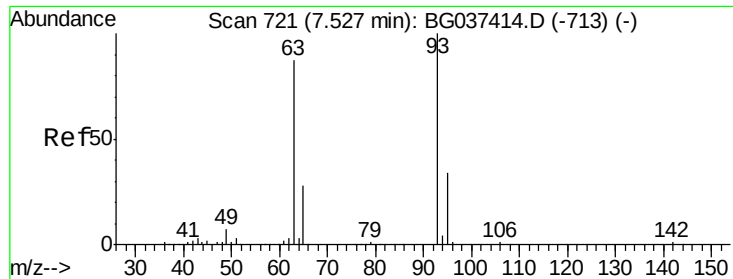
65 706.2 9.7 49.7#

66 9673.9 15.9 55.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 0.192 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.10 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

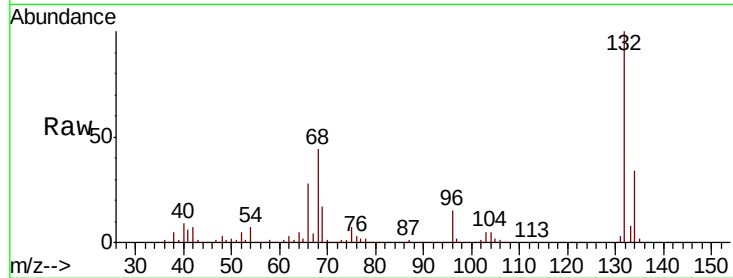
Tgt Ion: 93 Resp: 865

Ion Ratio Lower Upper

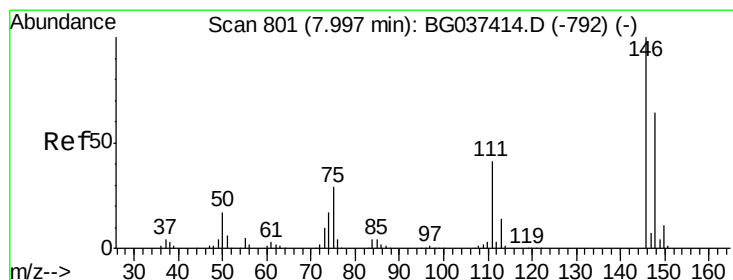
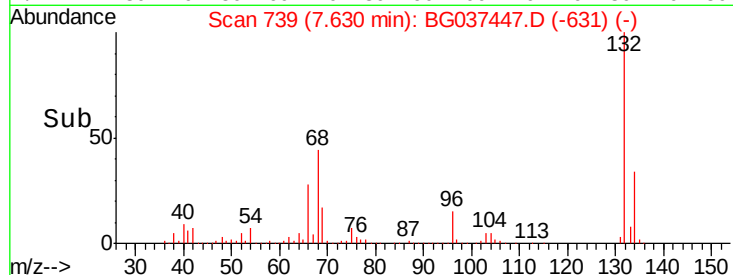
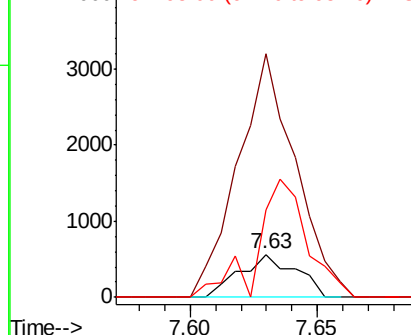
93 100

63 570.4 69.5 109.5#

95 205.7 12.6 52.6#



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



#12

1,3-Dichlorobenzene

Concen: 0.011 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.43 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

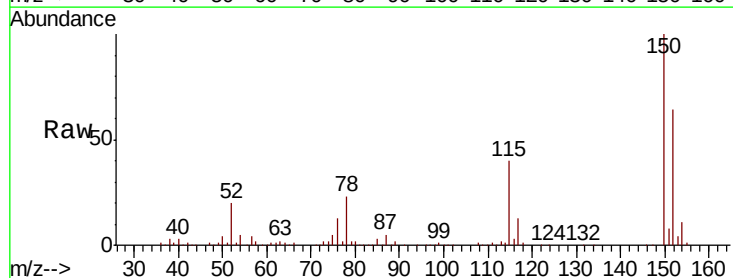
Tgt Ion: 146 Resp: 54

Ion Ratio Lower Upper

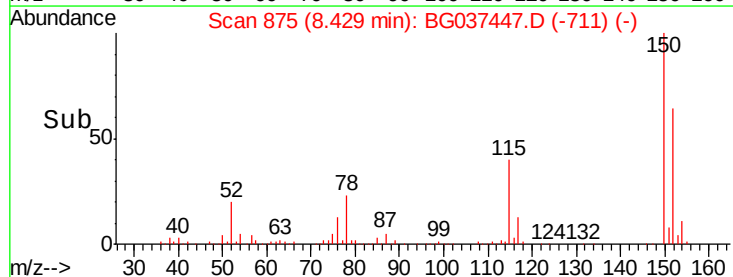
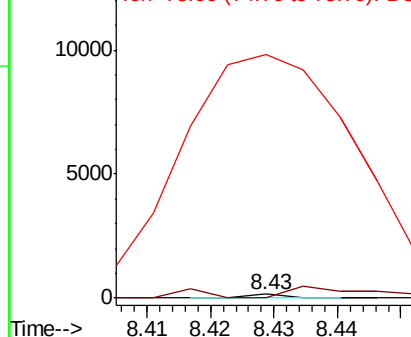
146 100

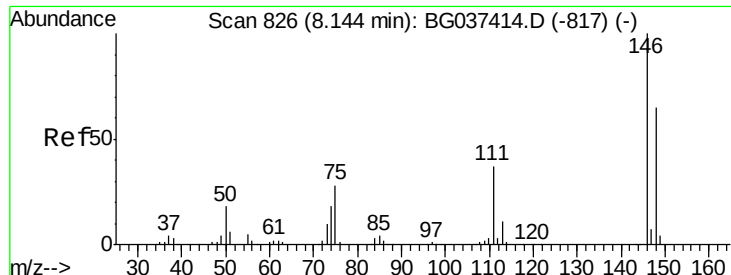
148 0.0 49.8 74.8#

75 6372.7 23.2 34.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

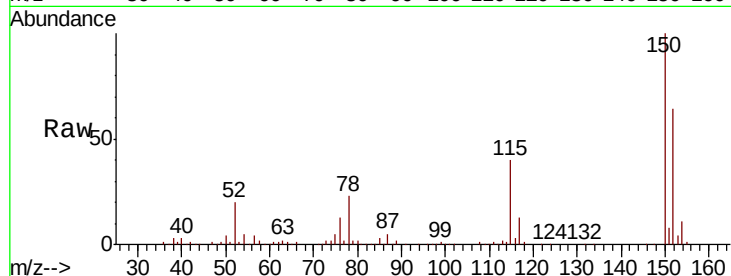




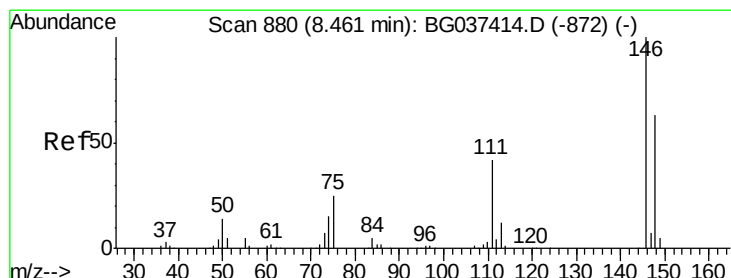
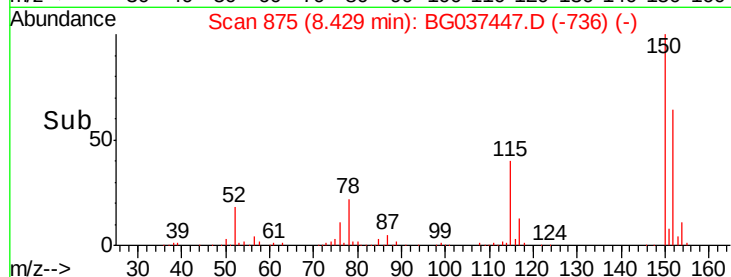
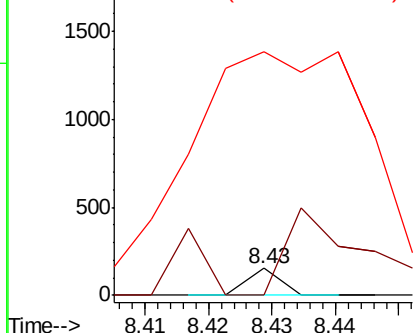
#13
 1,4-Dichlorobenzene
 Concen: 0.011 ng
 RT: 8.43 min Scan# 875
 Delta R.T. 0.28 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :
 PB113692BL

Tgt Ion:146 Resp: 54
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.0 76.6#
 111 898.7 32.4 48.6#

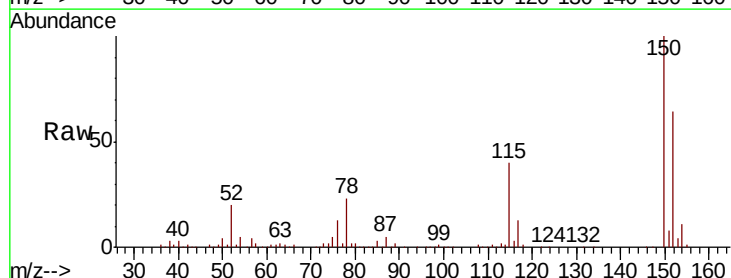


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

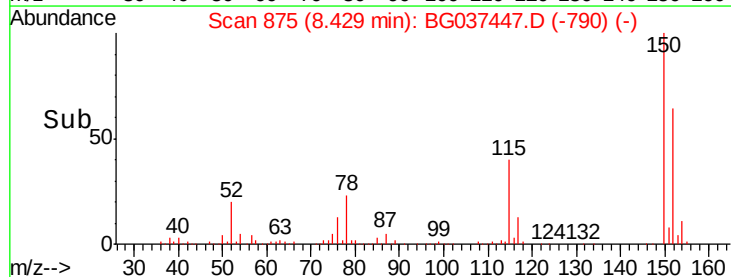
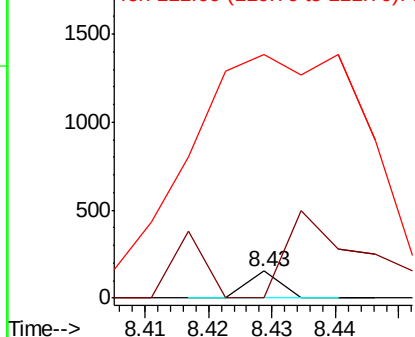


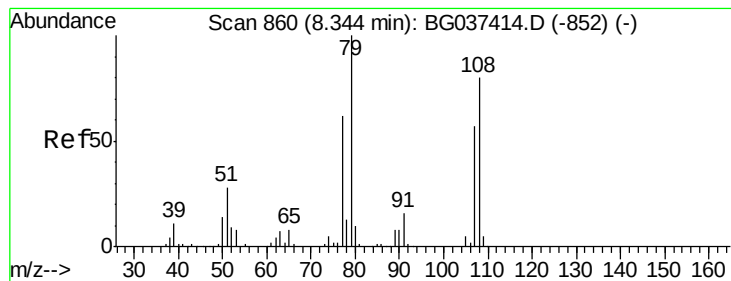
#14
 1,2-Dichlorobenzene
 Concen: 0.011 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.03 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

Tgt Ion:146 Resp: 54
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.4 75.6#
 111 898.7 34.6 51.8#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.297 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.08 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

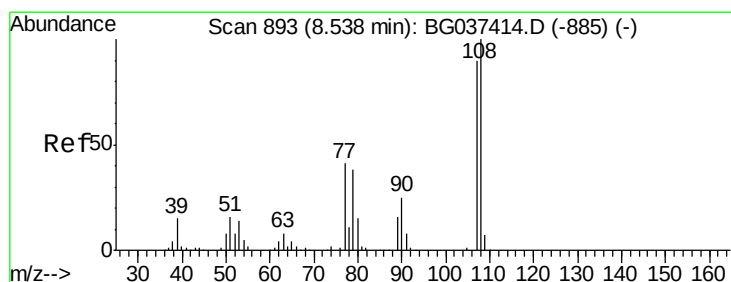
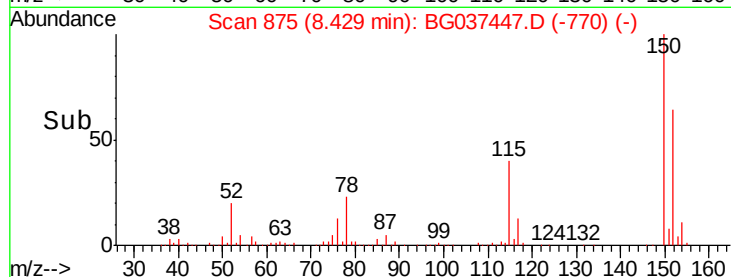
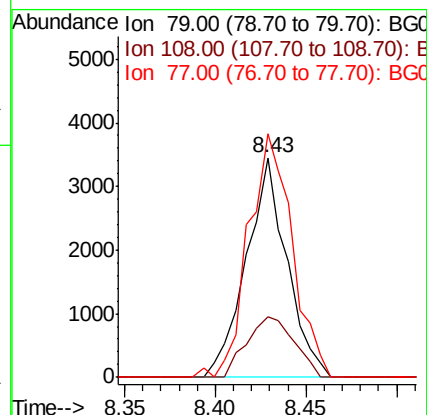
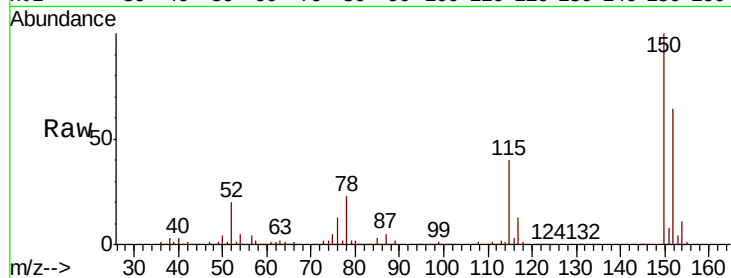
Tgt Ion: 79 Resp: 5373

Ion Ratio Lower Upper

79 100

108 27.6 65.8 98.8#

77 110.9 52.9 79.3#



#17

2-Methylphenol

Concen: 0.014 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.13 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Tgt Ion: 107 Resp: 55

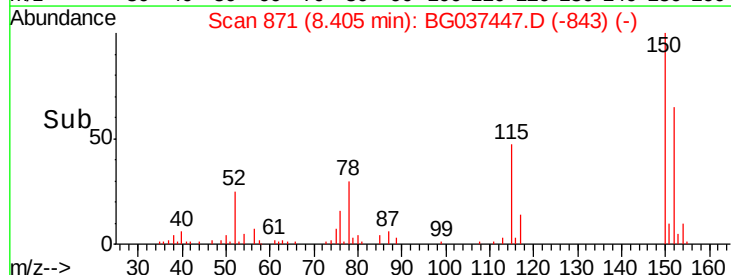
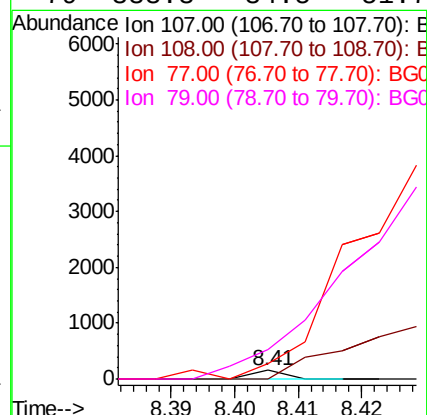
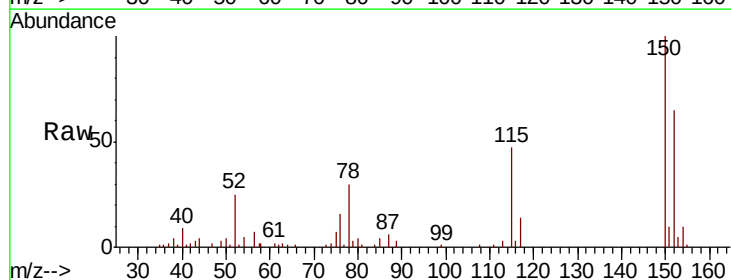
Ion Ratio Lower Upper

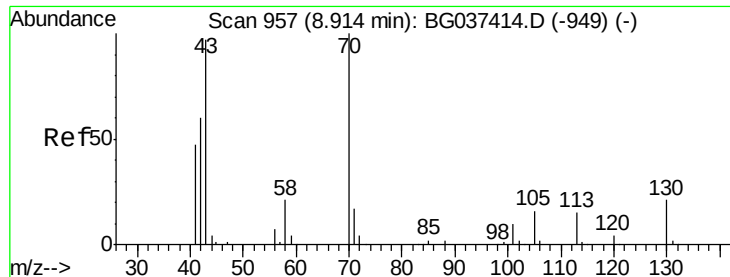
107 100

108 0.0 87.9 131.9#

77 174.4 35.1 52.7#

79 333.3 34.5 51.7#

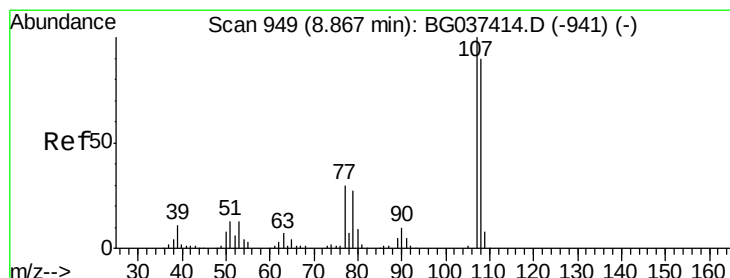
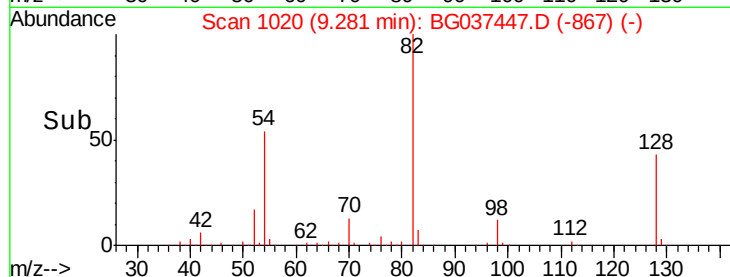
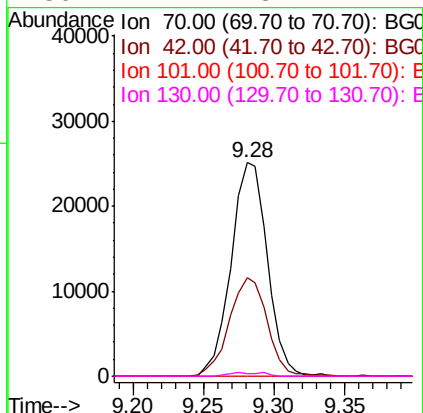
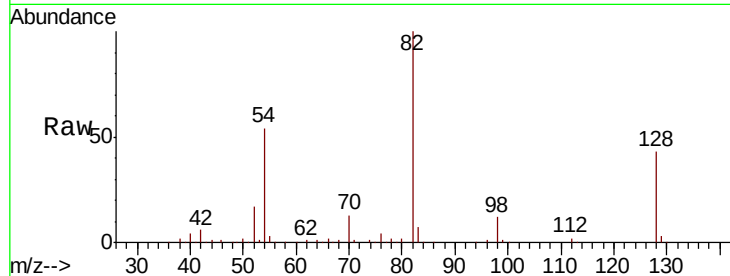




#19
n-Nitroso-di-n-propylamine
Concen: 11.650 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

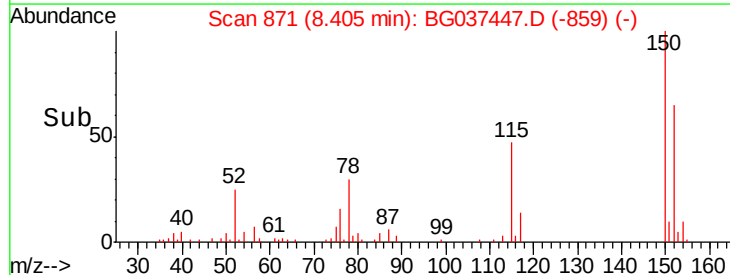
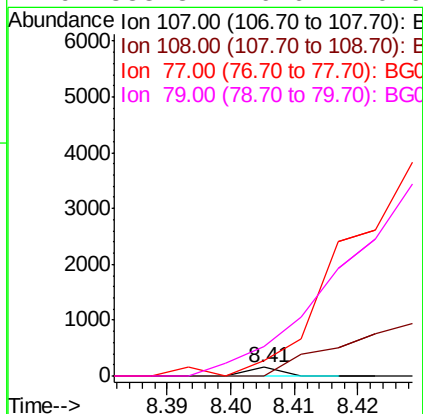
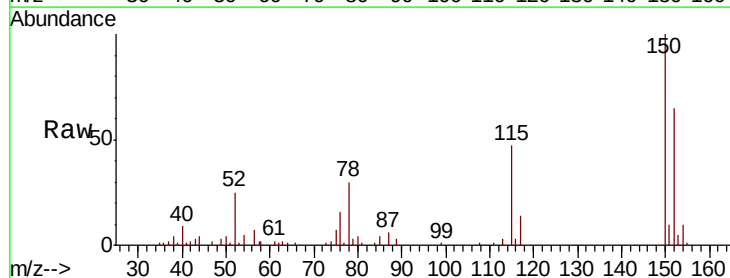
Instrument :
BNA_G
ClientSampleId :
PB113692BL

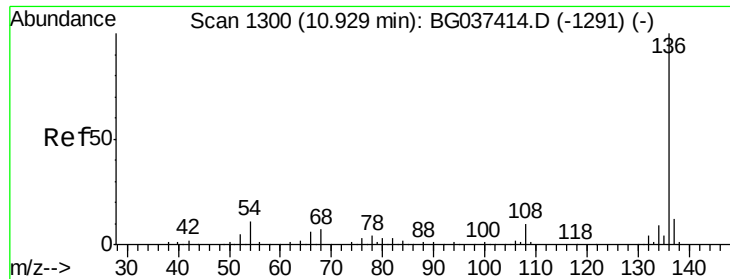
Tgt Ion: 70 Resp: 44992
Ion Ratio Lower Upper
70 100
42 46.0 53.9 80.9#
101 0.0 8.2 12.2#
130 1.2 18.2 27.4#



#20
3+4-Methylphenols
Concen: 0.010 ng
RT: 8.41 min Scan# 871
Delta R.T. -0.46 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Tgt Ion: 107 Resp: 55
Ion Ratio Lower Upper
107 100
108 0.0 69.9 109.9#
77 174.4 11.2 51.2#
79 333.3 6.6 46.6#

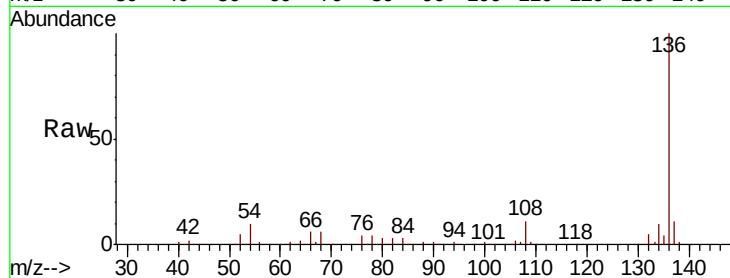




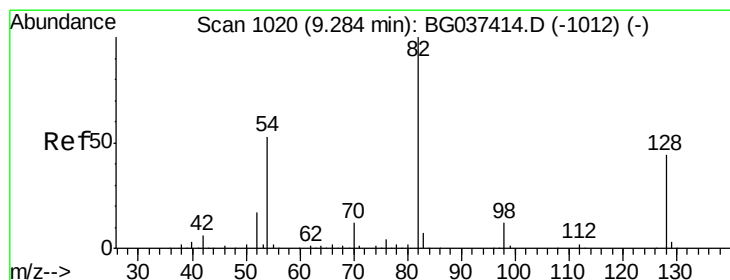
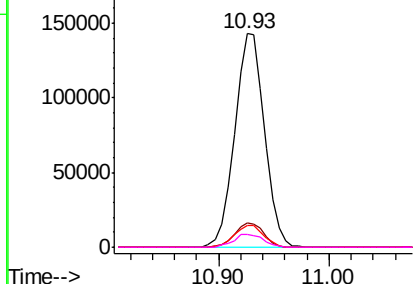
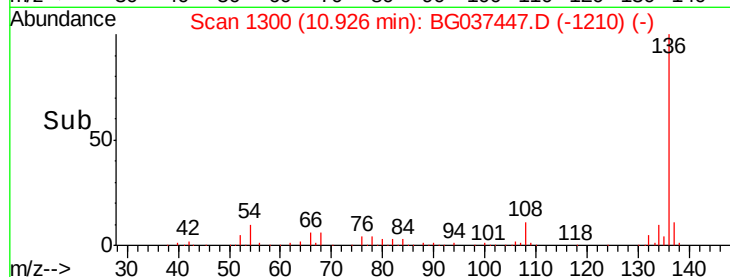
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Instrument :
BNA_G
ClientSampleId :
PB113692BL

Tgt Ion:	136	Resp:	269473
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.0	7.9	11.9
68	6.3	4.8	7.2

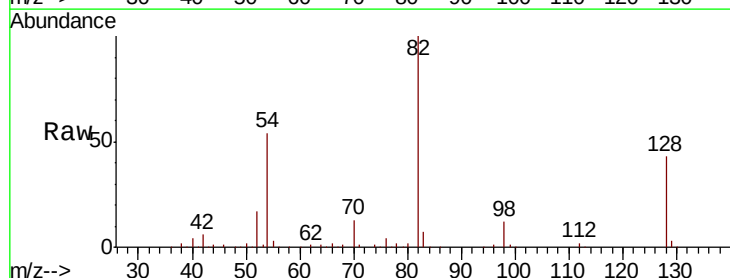


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

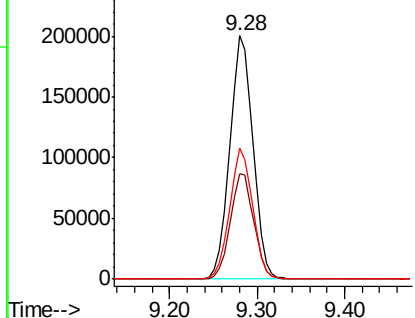
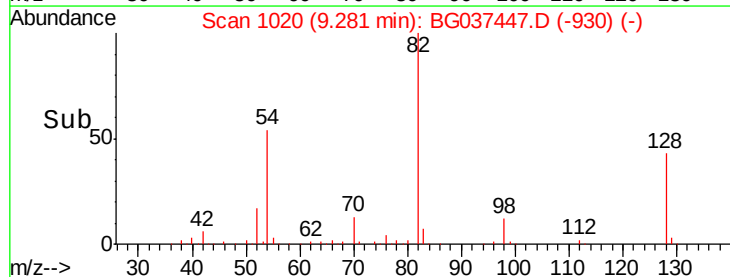


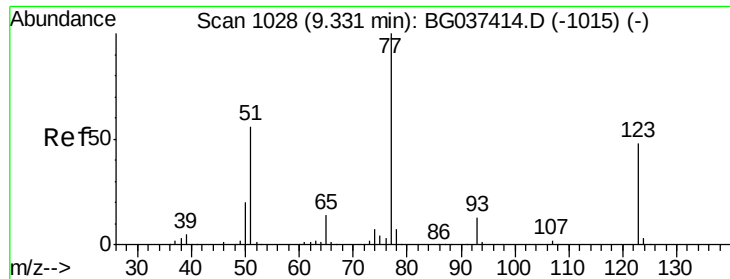
#23
Nitrobenzene-d5
Concen: 75.155 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Tgt Ion:	82	Resp:	361527
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	53.9	45.3	67.9



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

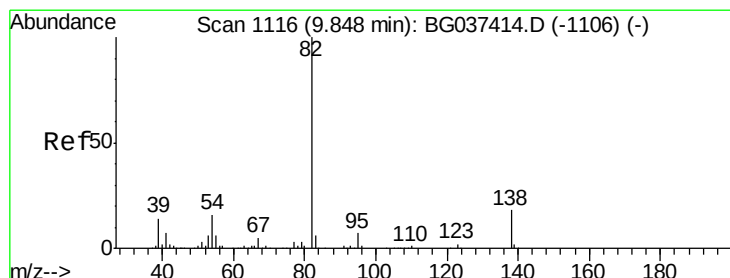
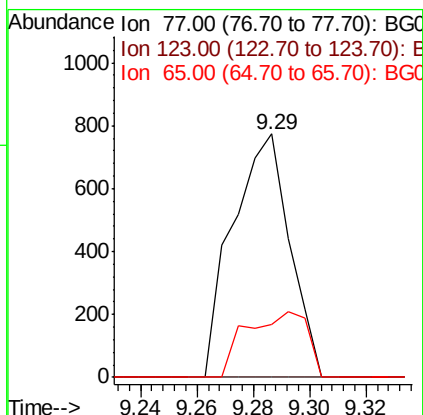
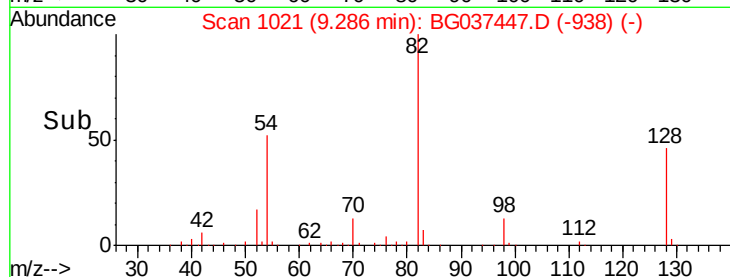
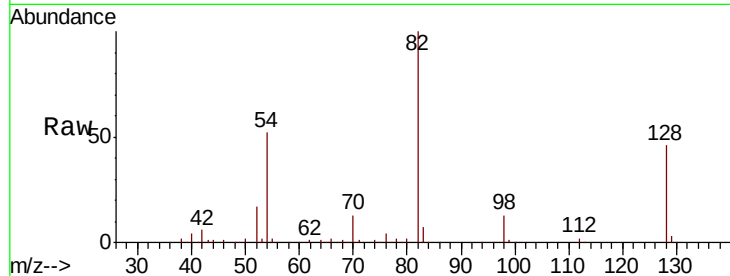




#24
 Nitrobenzene
 Concen: 0.217 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

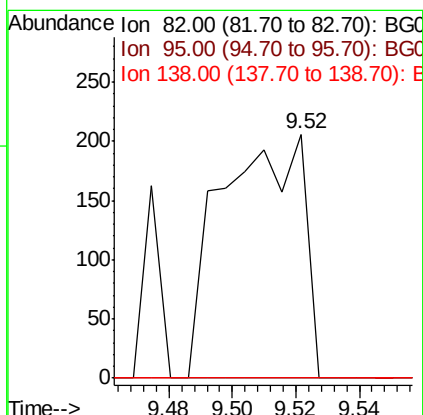
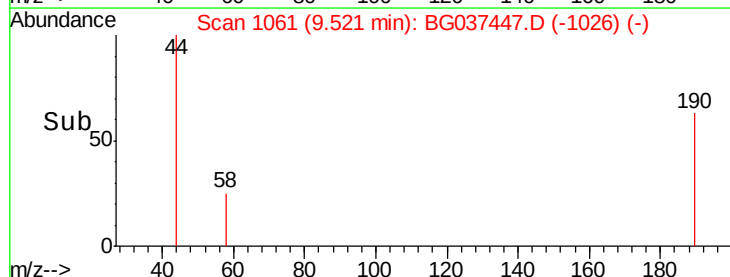
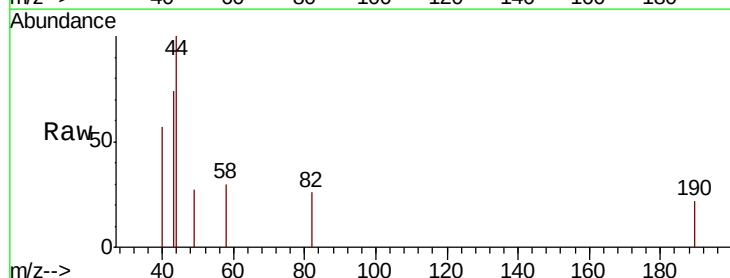
Instrument :
 BNA_G
 ClientSampleId :
 PB113692BL

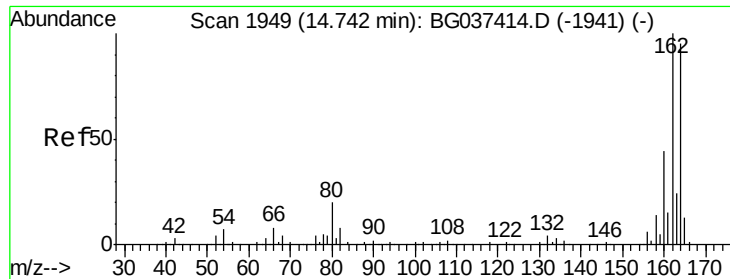
Tgt Ion: 77 Resp: 1082
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.6 50.4#
 65 21.6 11.3 16.9#



#25
 Isophorone
 Concen: 0.042 ng
 RT: 9.52 min Scan# 1061
 Delta R.T. -0.33 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

Tgt Ion: 82 Resp: 370
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.3 19.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

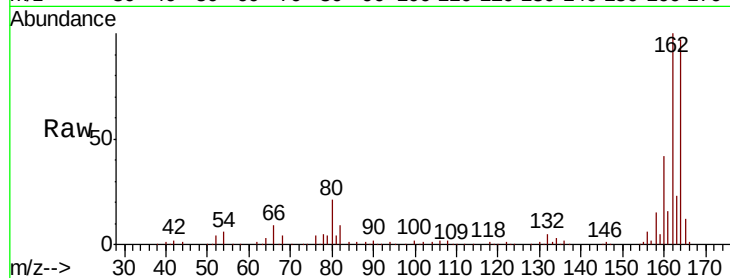
Tgt Ion:164 Resp: 187410

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

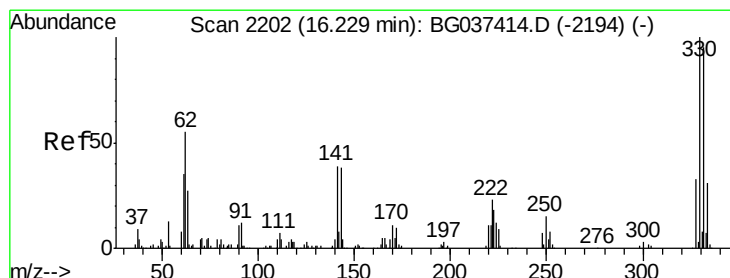
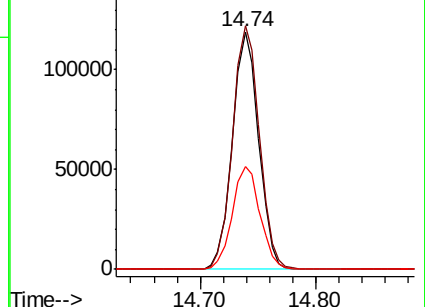
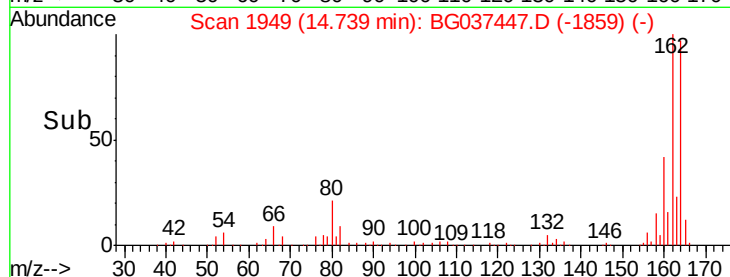
160 43.6 36.3 54.5



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: 115.127 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

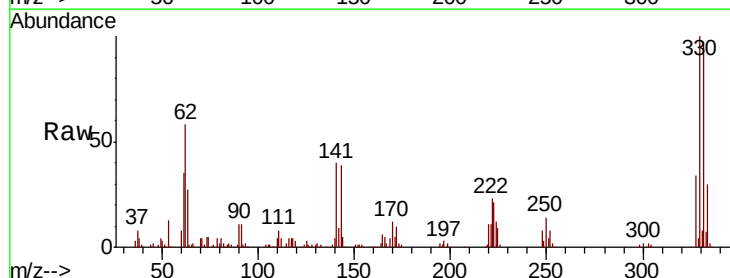
Tgt Ion:330 Resp: 235327

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

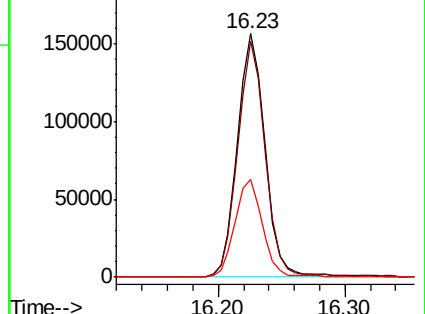
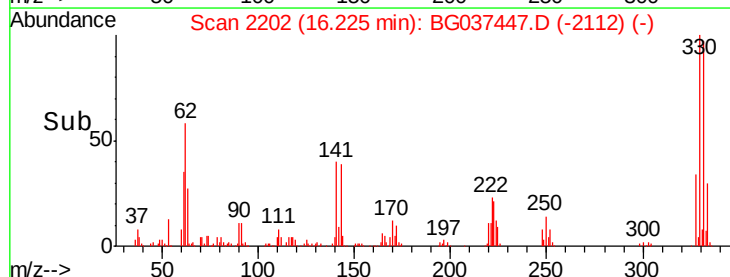
141 40.2 32.2 48.2

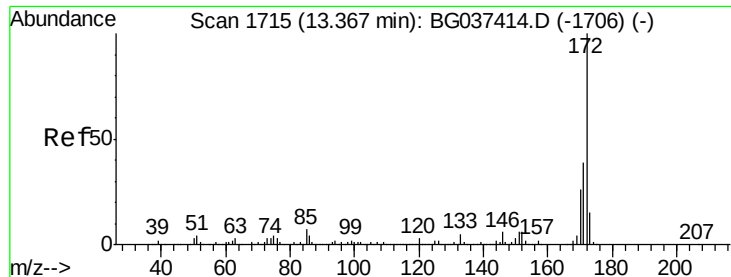


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

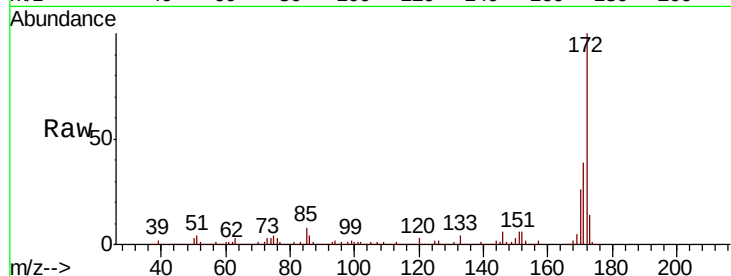




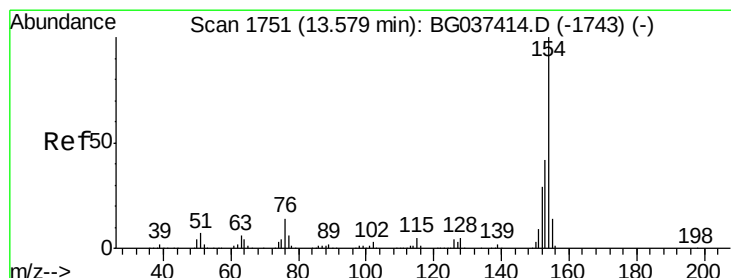
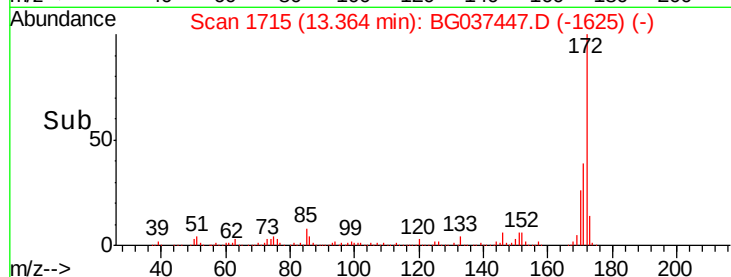
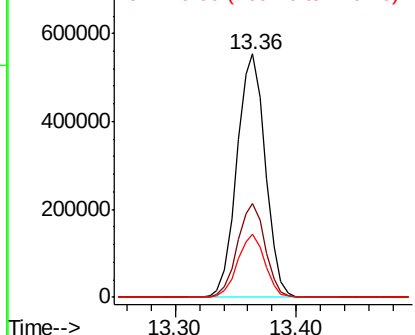
#45
2-Fluorobiphenyl
Concen: 72.988 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Instrument :
BNA_G
ClientSampleId :
PB113692BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.9	20.2	30.2

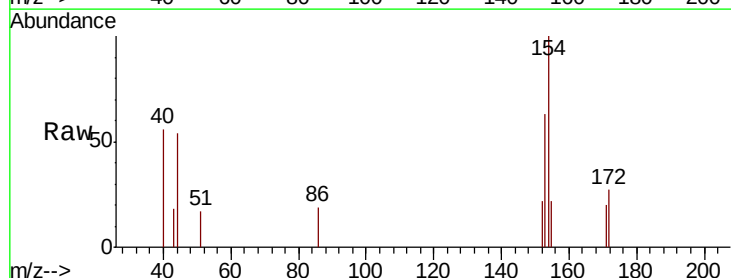


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

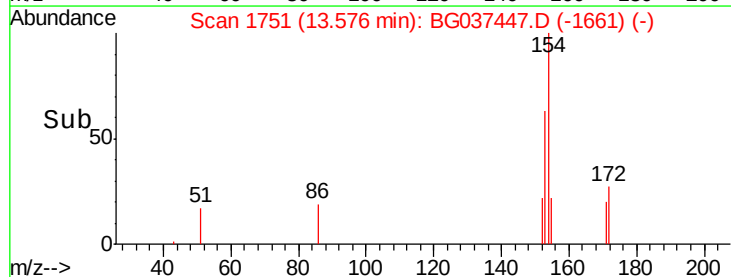
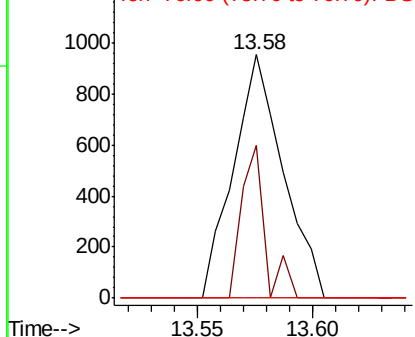


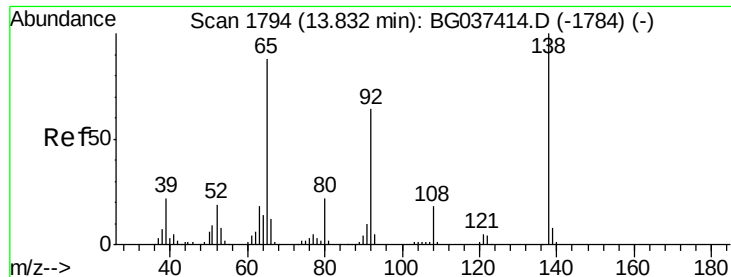
#46
1,1'-Biphenyl
Concen: 0.092 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	62.8	22.1	62.1#
76	0.0	0.0	33.2



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: 0.404 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.47 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

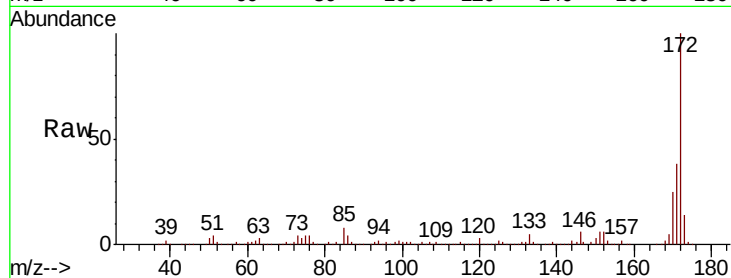
Tgt Ion: 65 Resp: 1440

Ion Ratio Lower Upper

65 100

92 187.3 53.2 79.8#

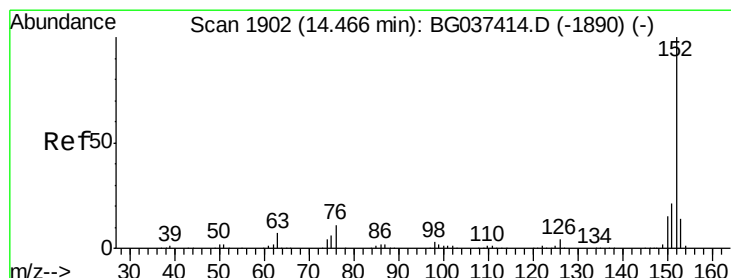
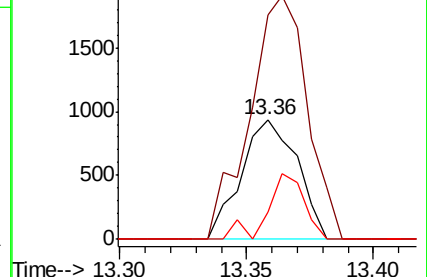
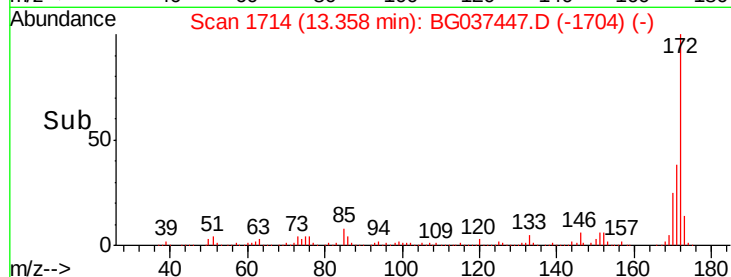
138 23.1 79.3 118.9#



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

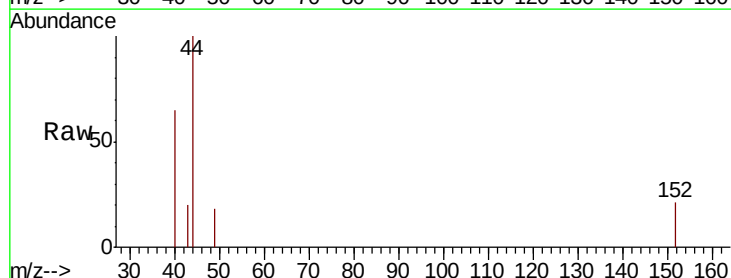
Tgt Ion: 152 Resp: 71

Ion Ratio Lower Upper

152 100

151 0.0 17.1 25.7#

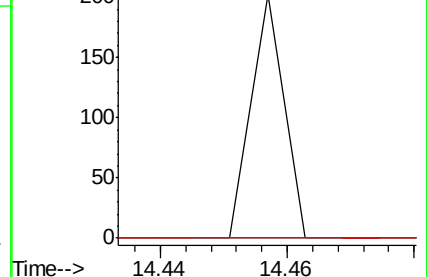
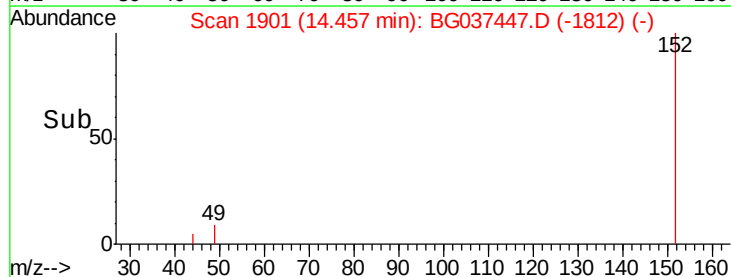
153 0.0 11.1 16.7#

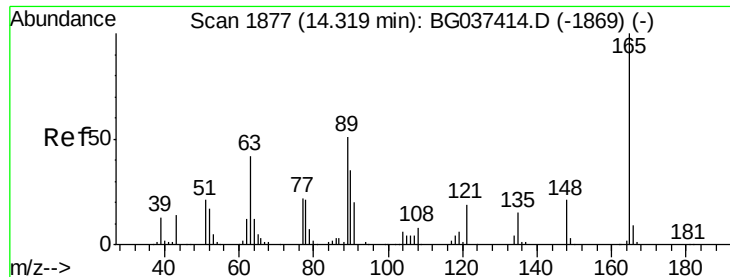


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

2,6-Dinitrotoluene

Concen: 7.464 ng

RT: 14.74 min Scan# 1949

Delta R.T. 0.42 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

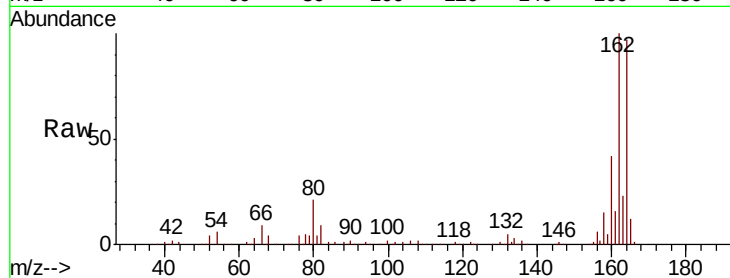
Tgt Ion:165 Resp: 23940

Ion Ratio Lower Upper

165 100

63 1.8 43.4 65.2#

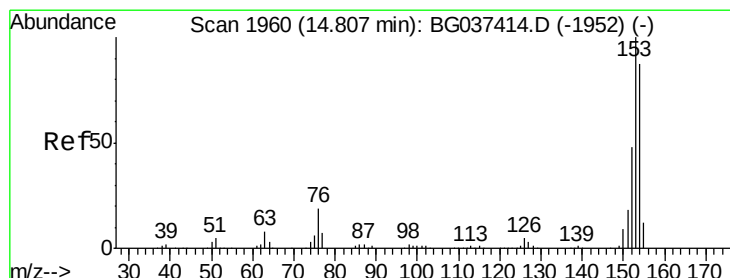
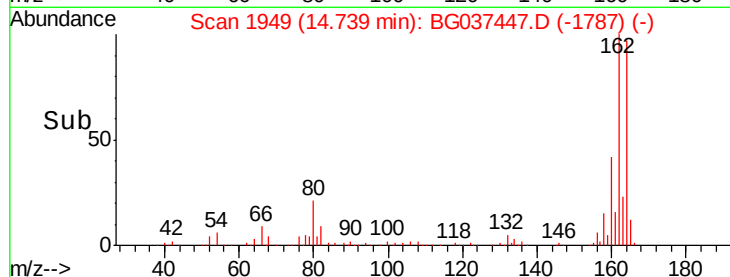
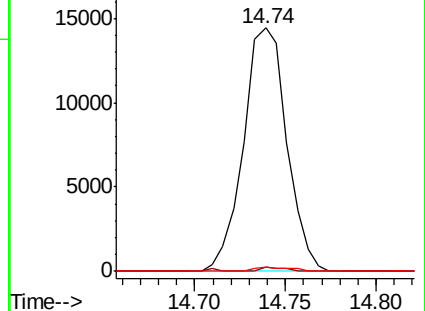
89 1.6 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 0.057 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.07 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

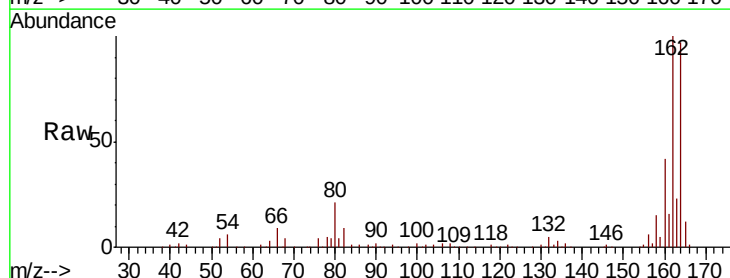
Tgt Ion:154 Resp: 617

Ion Ratio Lower Upper

154 100

153 0.0 93.4 140.0#

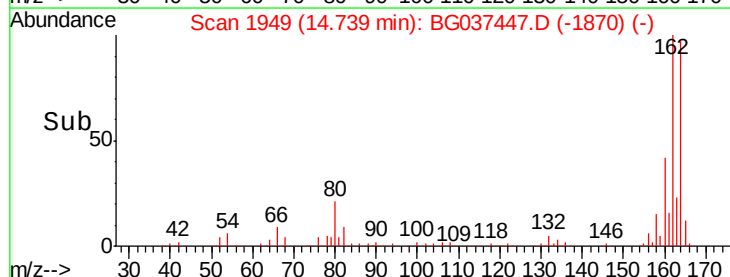
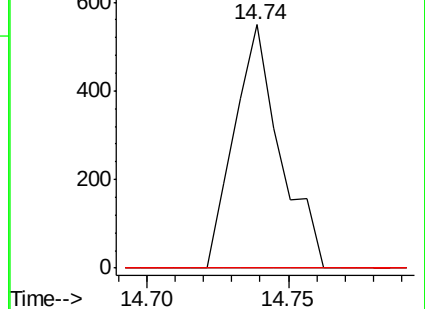
152 0.0 44.7 67.1#

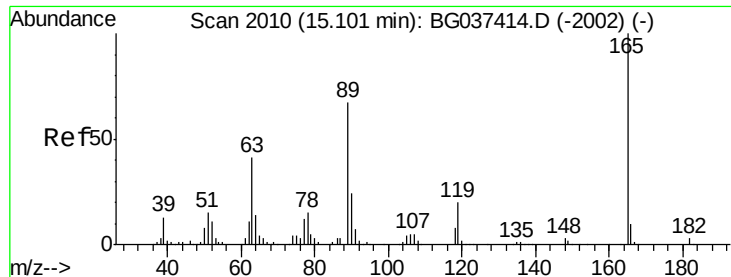


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

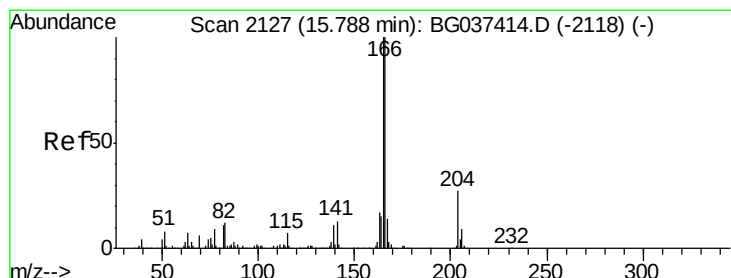
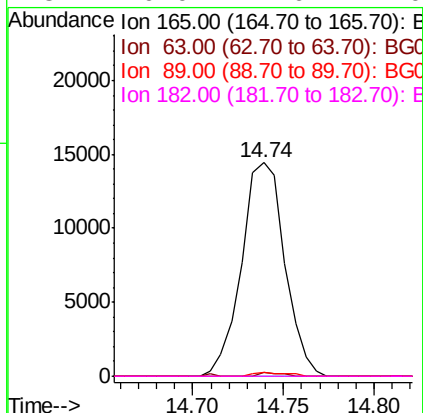
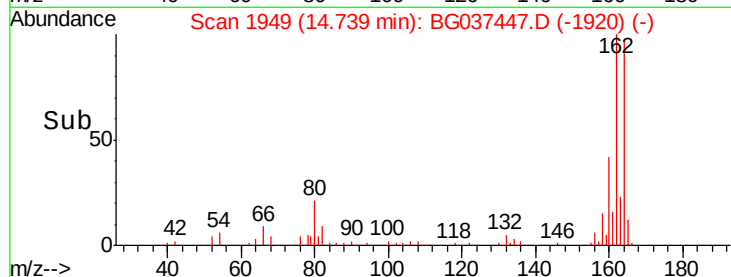
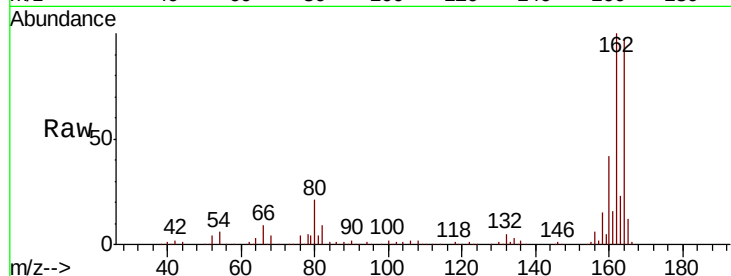




#57
2,4-Dinitrotoluene
Concen: 5.686 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.36 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

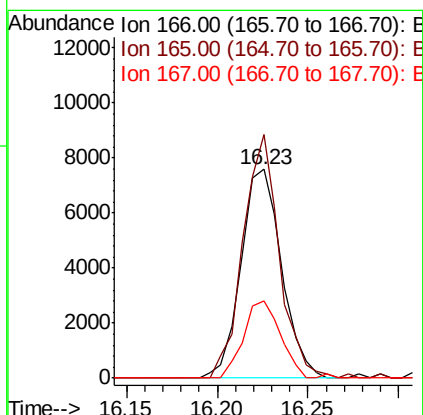
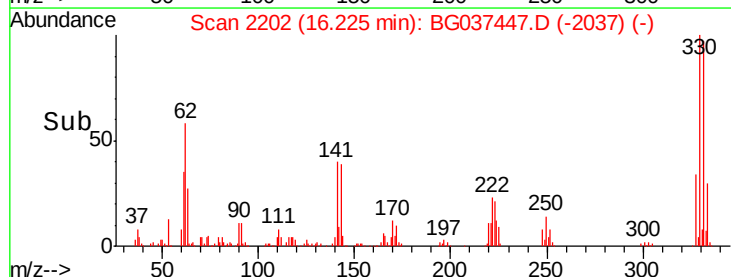
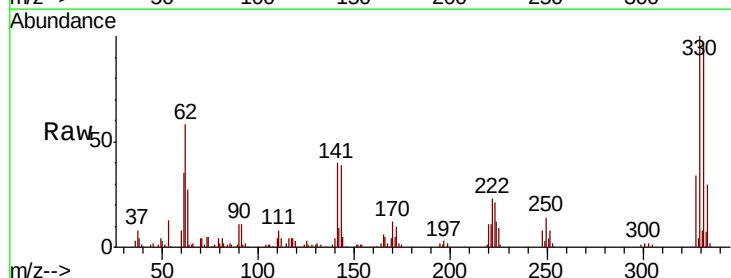
Instrument :
BNA_G
ClientSampleId :
PB113692BL

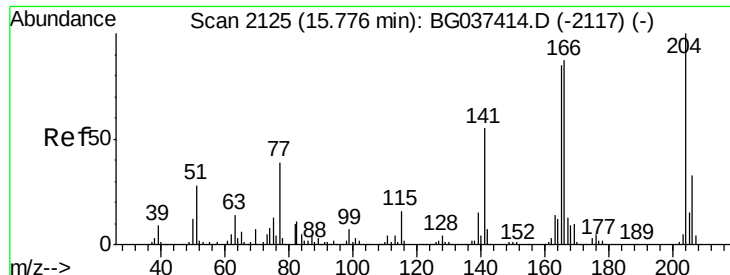
Tgt Ion:	165	Resp:	23940
Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#



#58
Fluorene
Concen: 0.871 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.44 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Tgt Ion:	166	Resp:	11758
Ion	Ratio	Lower	Upper
166	100		
165	116.6	79.0	118.6
167	37.1	11.3	16.9#

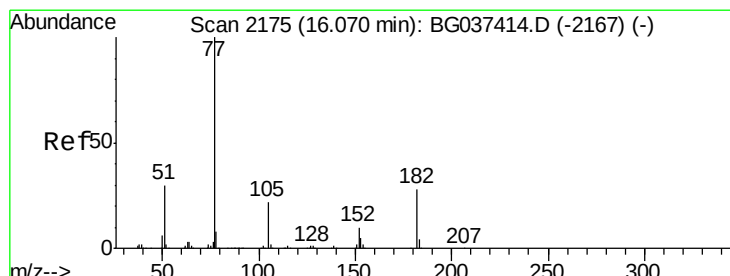
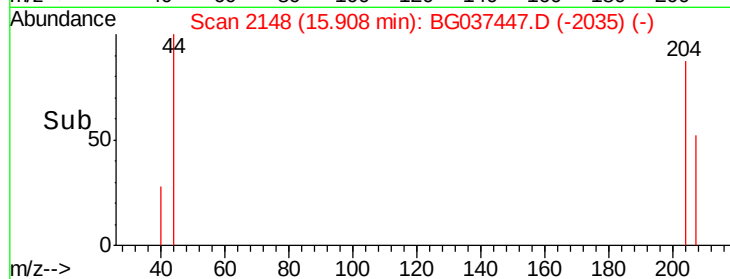
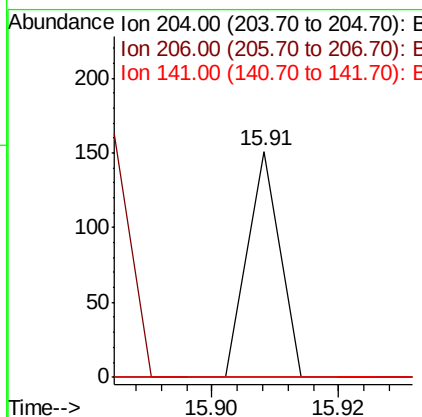
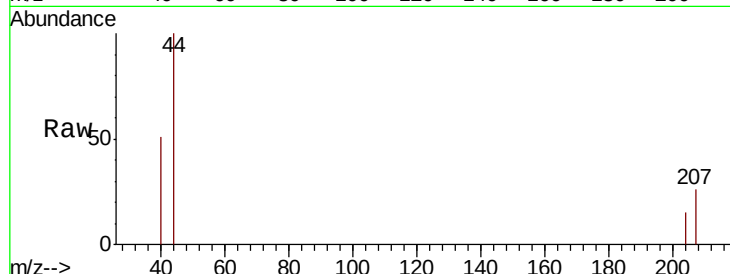




#61
 4-Chlorophenyl-phenylether
 Concen: 0.007 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. 0.13 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

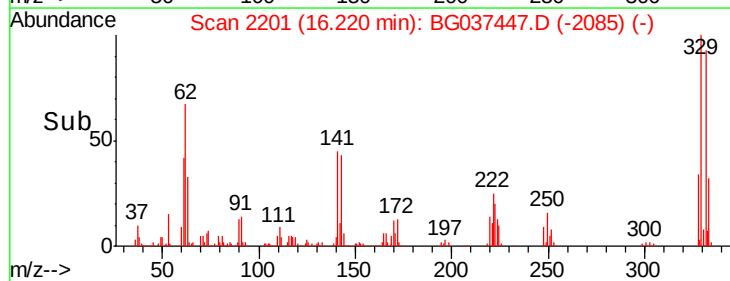
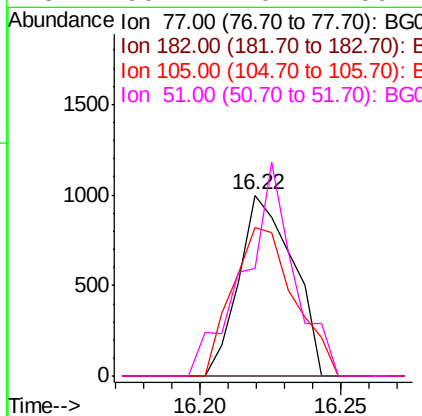
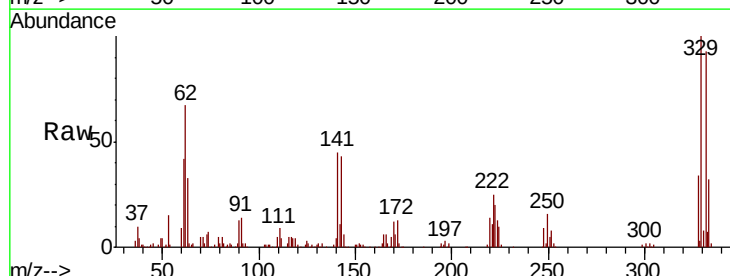
Instrument :
 BNA_G
 ClientSampleId :
 PB113692BL

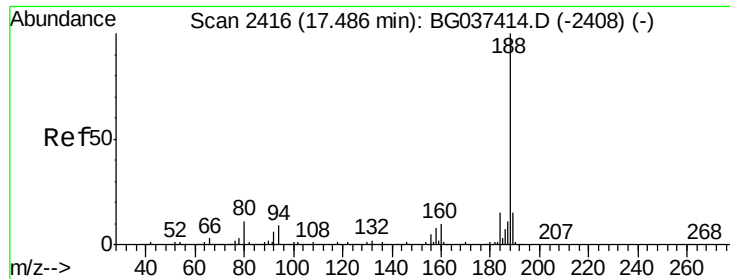
Tgt Ion:	204	Resp:	53
Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.6	39.8#
141	0.0	45.4	68.2#



#63
 Azobenzene
 Concen: 0.093 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.15 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

Tgt Ion:	77	Resp:	1320
Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.0	48.0#
105	82.0	1.3	41.3#
51	59.4	10.7	50.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

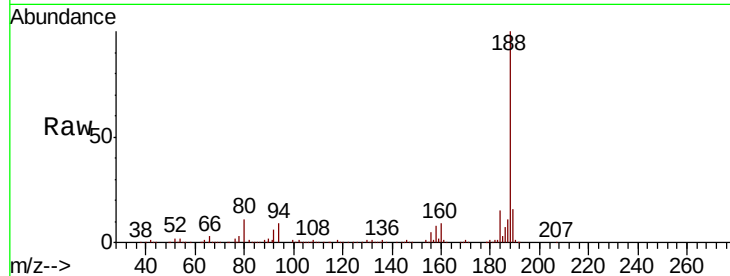
Tgt Ion:188 Resp: 484063

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

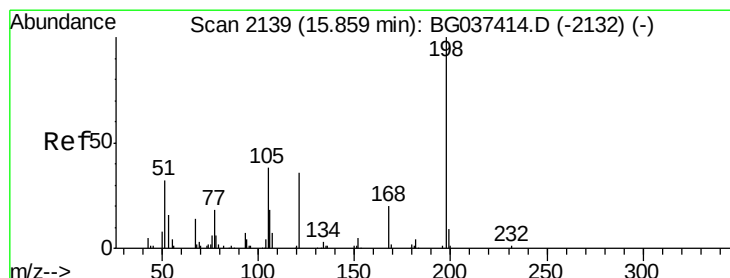
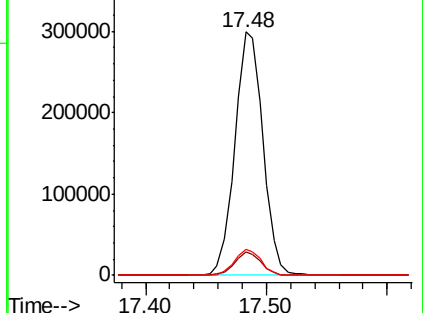
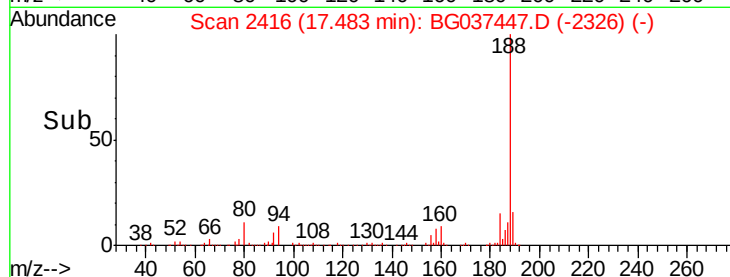
80 10.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 8.716 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

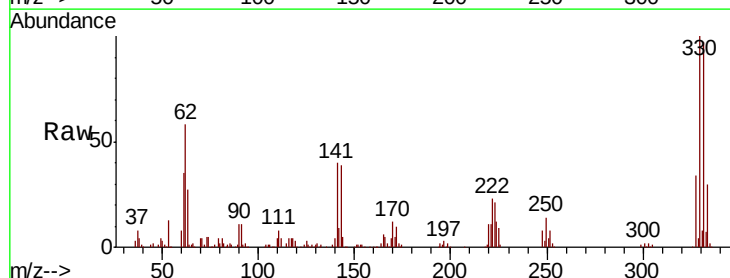
Tgt Ion:198 Resp: 644

Ion Ratio Lower Upper

198 100

51 37.4 22.7 62.7

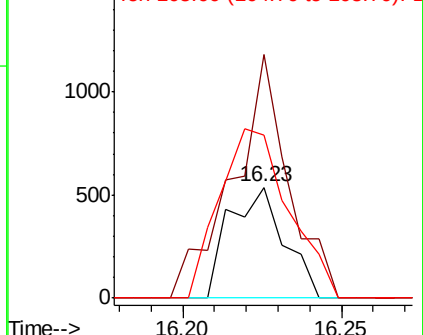
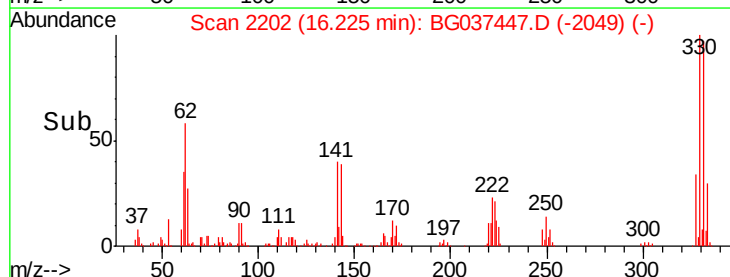
105 25.1 19.7 59.7

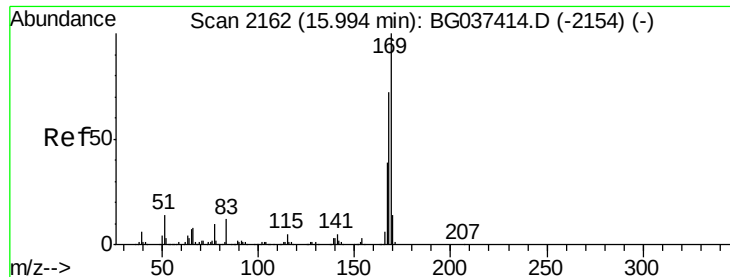


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

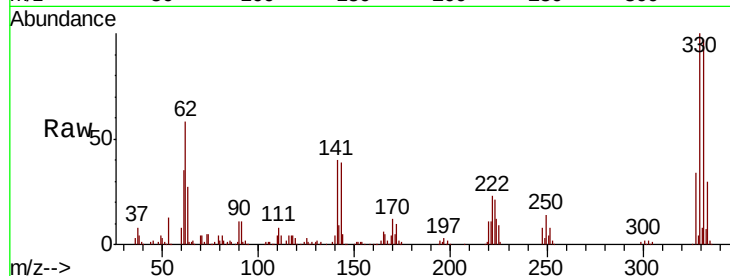




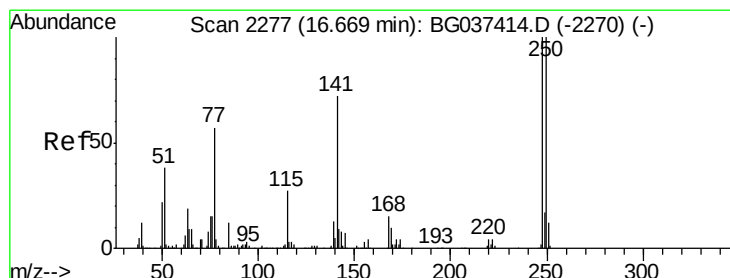
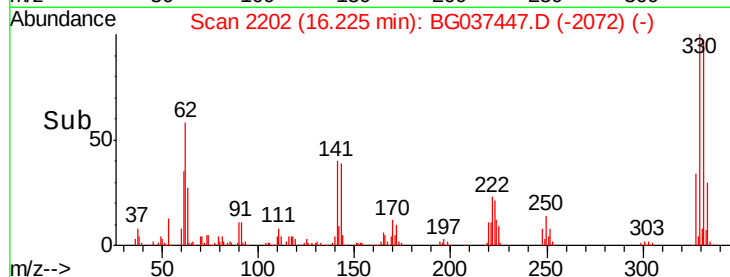
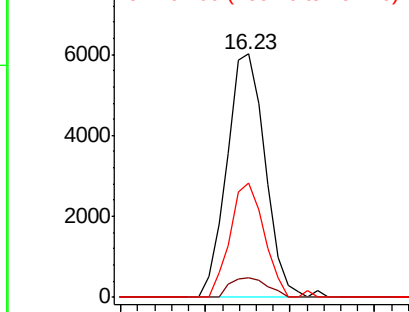
#66
 n-Nitrosodiphenylamine
 Concen: 0.652 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.23 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :
 PB113692BL

Tgt Ion:169 Resp: 9492
 Ion Ratio Lower Upper
 169 100
 168 8.1 55.7 83.5#
 167 46.8 31.3 46.9

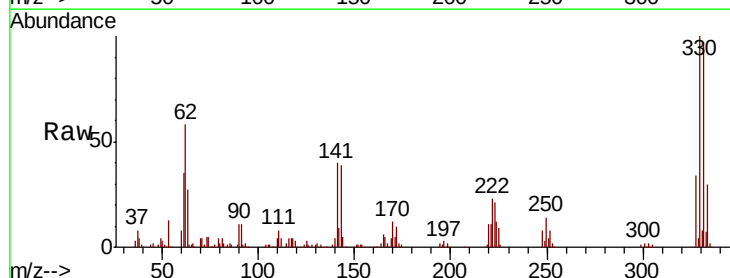


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

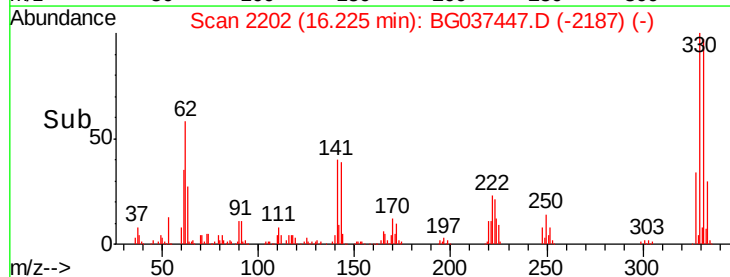
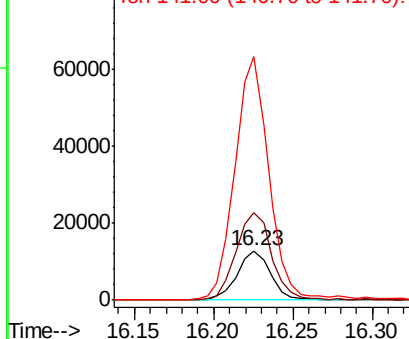


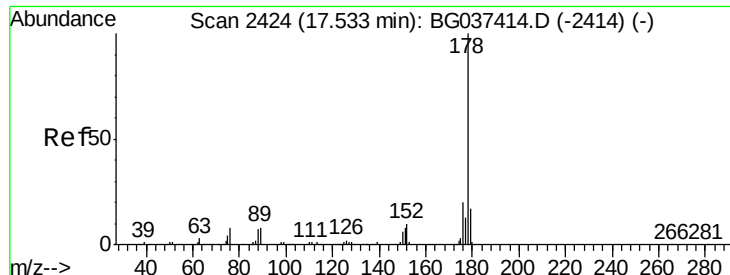
#67
 4-Bromophenyl-phenylether
 Concen: 3.533 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

Tgt Ion:248 Resp: 18783
 Ion Ratio Lower Upper
 248 100
 250 174.7 77.0 115.6#
 141 371.9 55.5 83.3#



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: 0.002 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.05 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

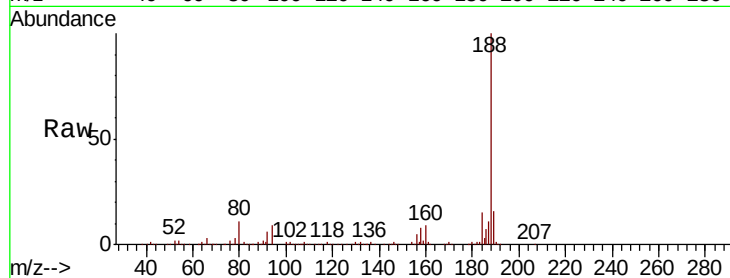
Tgt Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

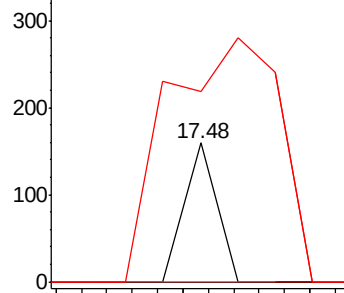
179 137.7 13.0 19.4#



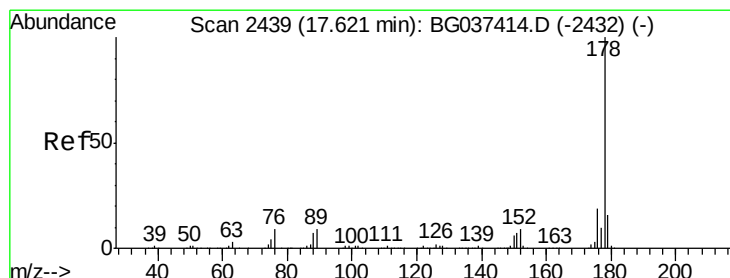
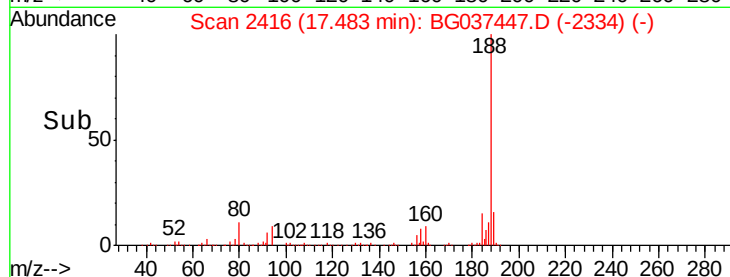
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.46 17.48 17.50



#72

Anthracene

Concen: 0.002 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.14 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

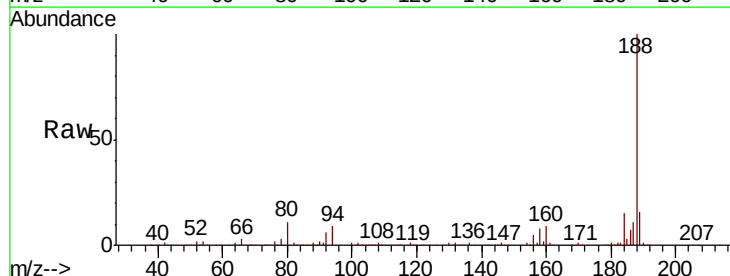
Tgt Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

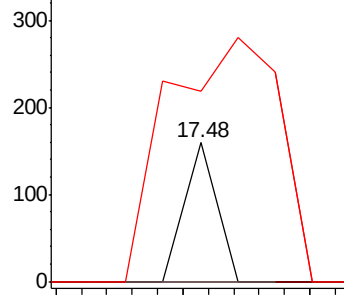
179 137.7 12.8 19.2#



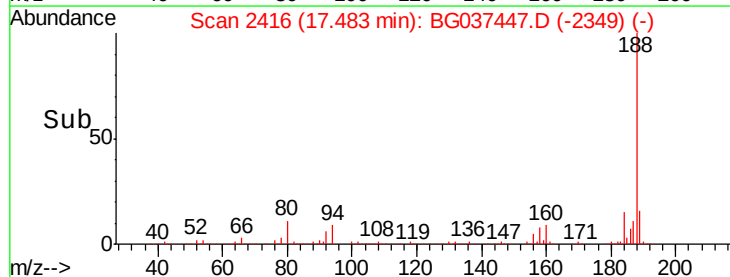
Abundance Ion 178.00 (177.70 to 178.70): E

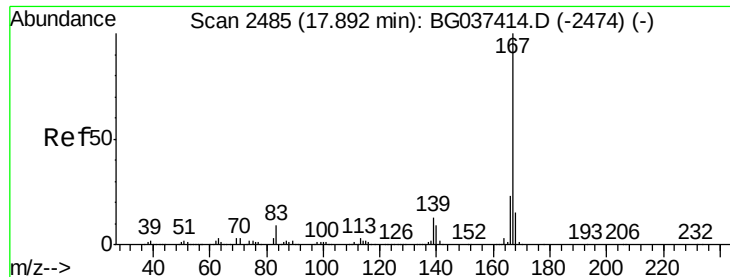
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.46 17.48 17.50

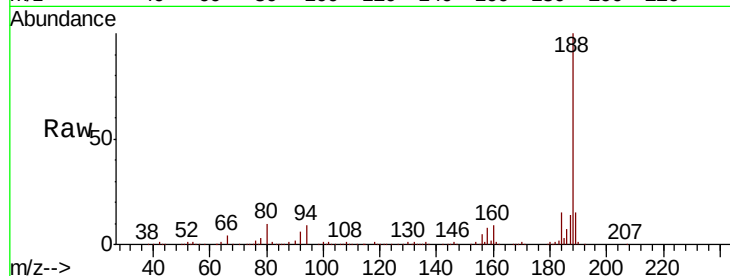




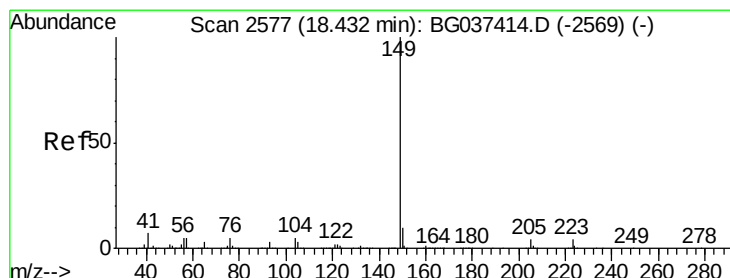
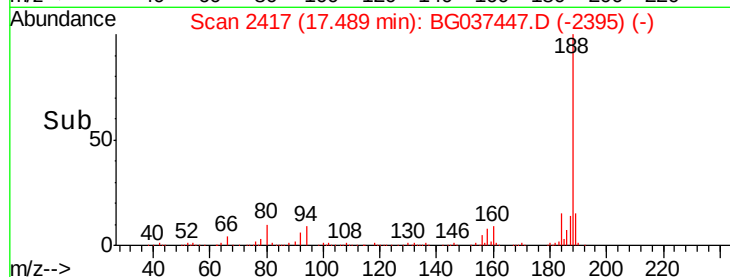
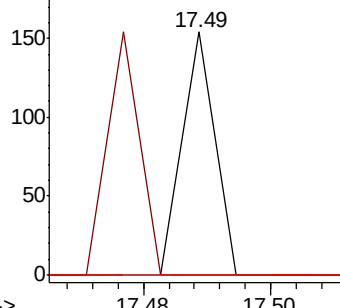
#73
 Carbazole
 Concen: 0.002 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.40 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :
 PB113692BL

Tgt Ion:167 Resp: 54
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.3 27.5#
 139 0.0 10.5 15.7#

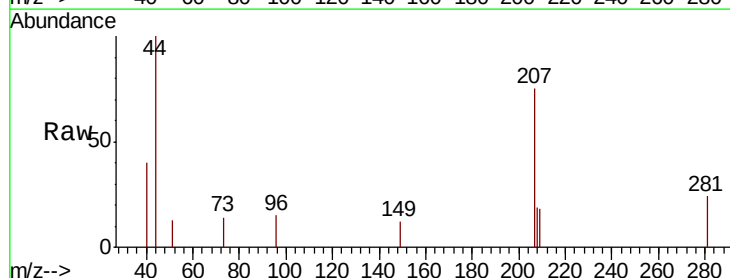


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

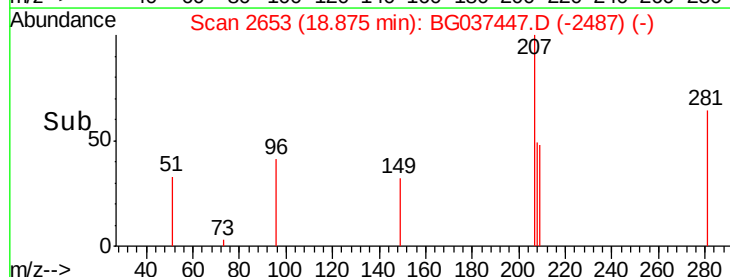
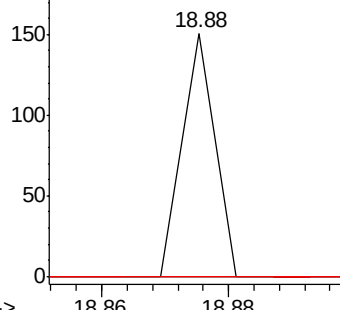


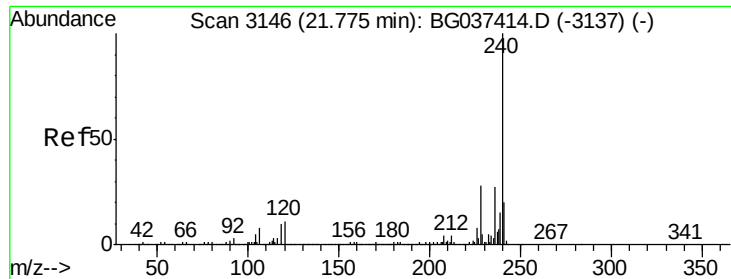
#74
 Di-n-butylphthalate
 Concen: 0.002 ng
 RT: 18.88 min Scan# 2653
 Delta R.T. 0.44 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

Tgt Ion:149 Resp: 53
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.2 12.2#
 104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

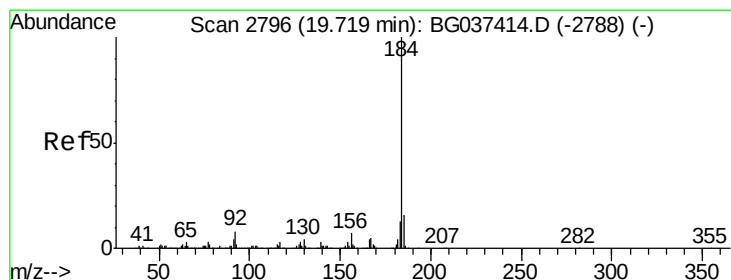
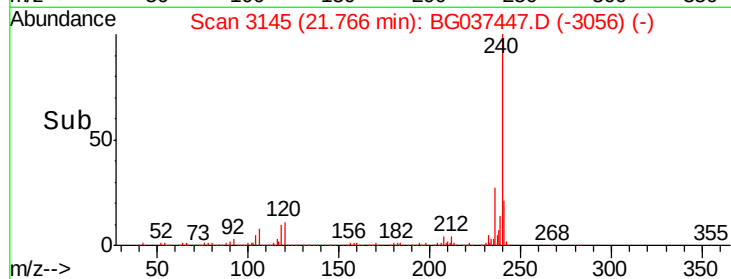
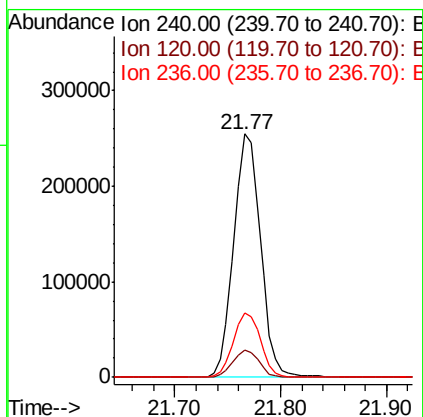
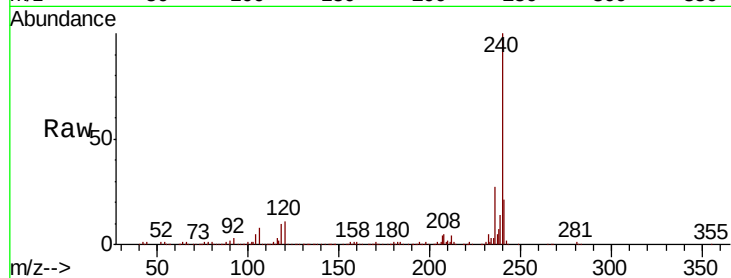




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

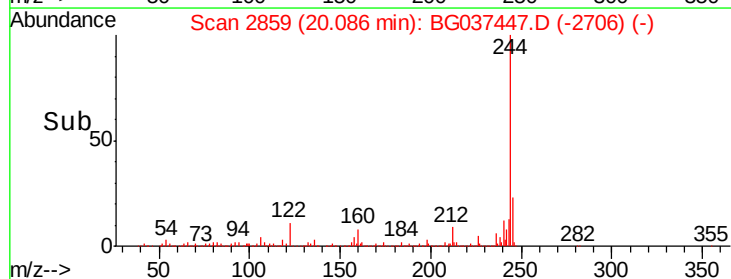
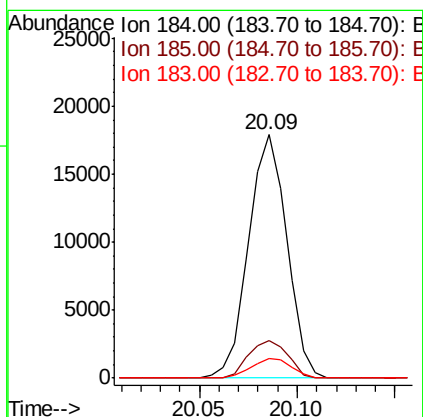
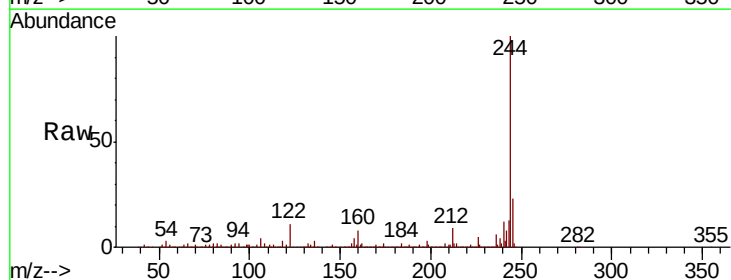
Instrument :
BNA_G
ClientSampleId :
PB113692BL

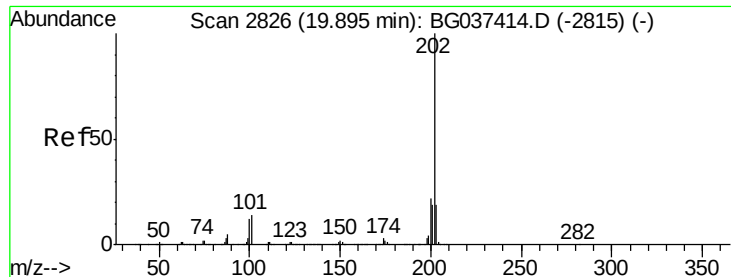
Tgt Ion:240 Resp: 447078
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.5 21.4 32.0



#77
Benzidine
Concen: 1.599 ng
RT: 20.09 min Scan# 2859
Delta R.T. 0.37 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Tgt Ion:184 Resp: 24302
Ion Ratio Lower Upper
184 100
185 15.6 12.6 18.8
183 7.9 10.2 15.2#





#78

Pyrene

Concen: 0.186 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.19 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

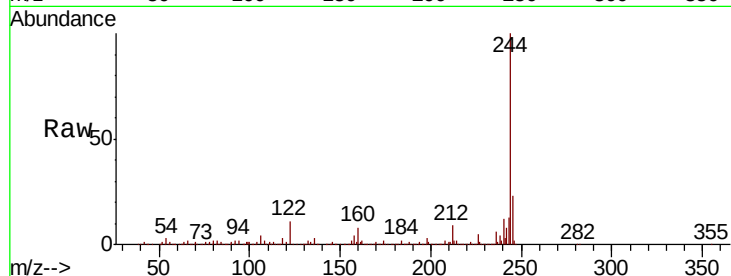
Tgt Ion:202 Resp: 5437

Ion Ratio Lower Upper

202 100

200 46.1 17.8 26.6#

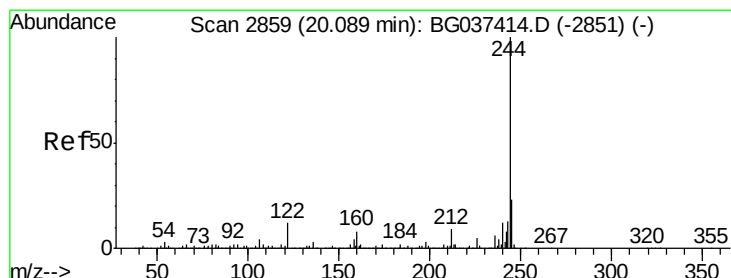
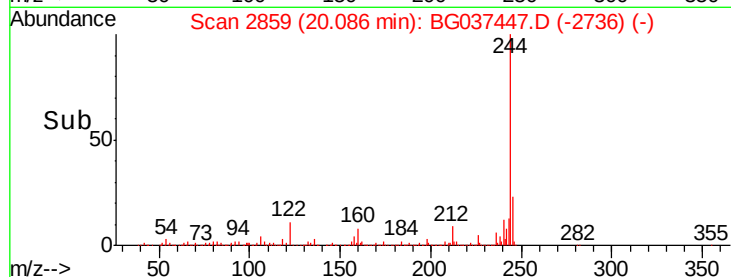
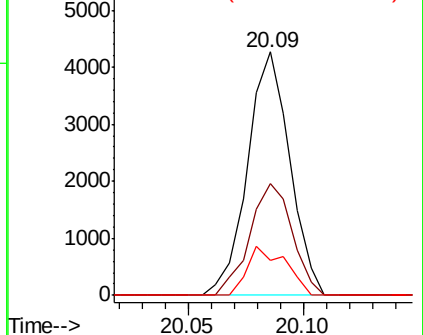
203 14.4 15.2 22.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 71.029 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

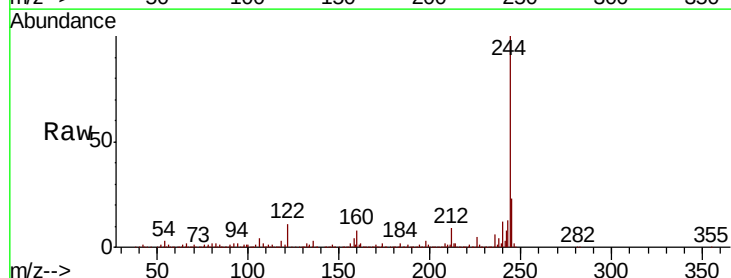
Tgt Ion:244 Resp: 1486157

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

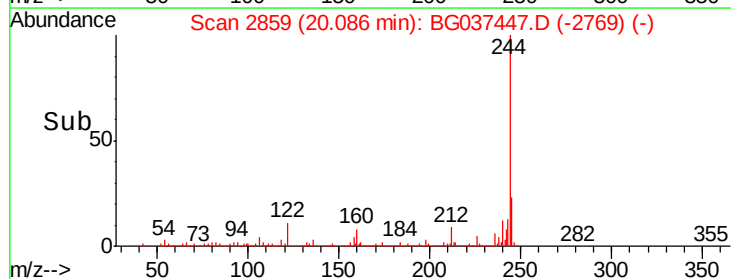
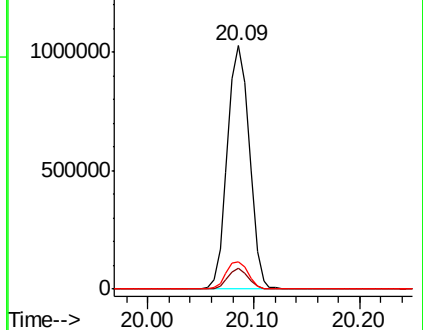
122 11.0 9.0 13.4

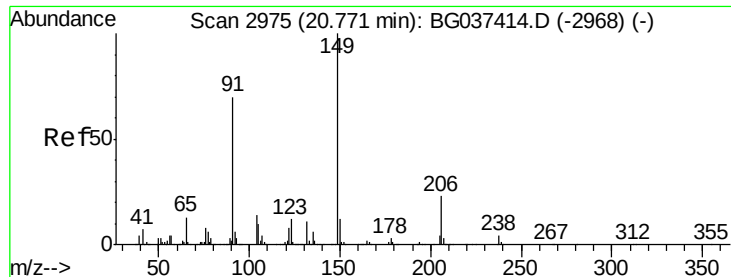


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

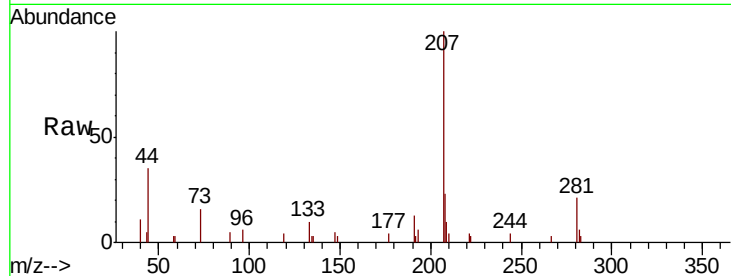




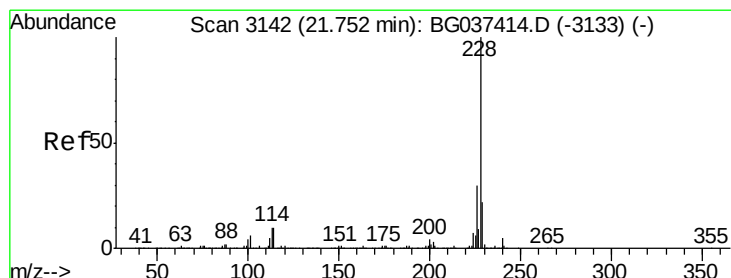
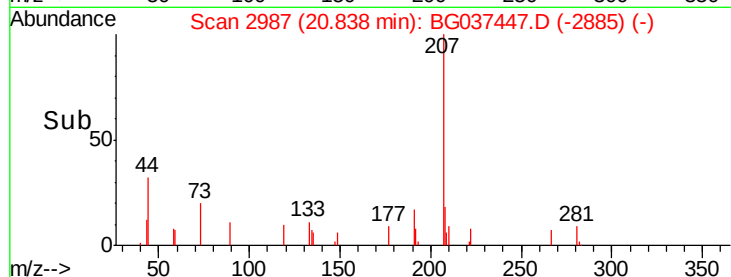
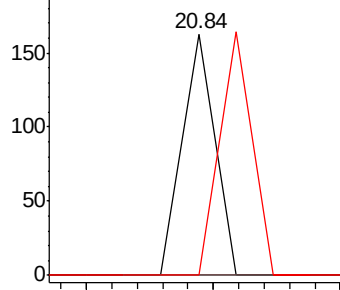
#80
Butylbenzylphthalate
Concen: 0.005 ng
RT: 20.84 min Scan# 2987
Delta R.T. 0.07 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Instrument :
BNA_G
ClientSampleId :
PB113692BL

Tgt Ion:149 Resp: 57
Ion Ratio Lower Upper
149 100
91 0.0 57.0 85.4#
206 0.0 17.8 26.6#

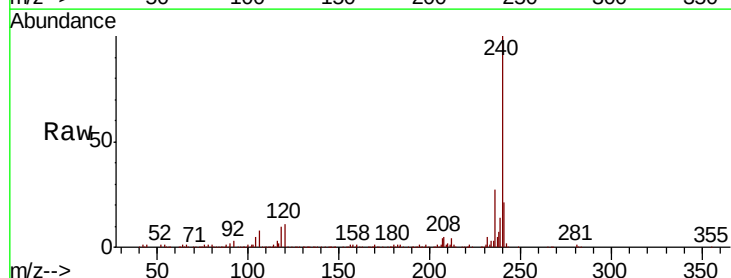


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

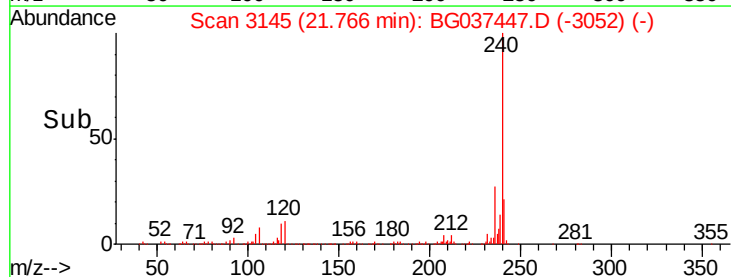
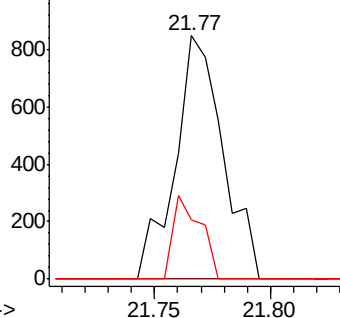


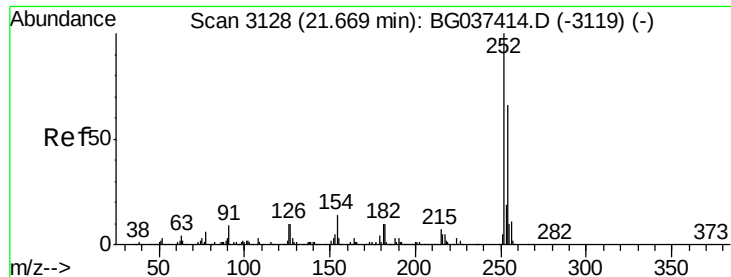
#81
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.77 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG037447.D
Acq: 19 Oct 2018 10:45

Tgt Ion:228 Resp: 1224
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 24.3 16.3 24.5



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: 0.008 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.11 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

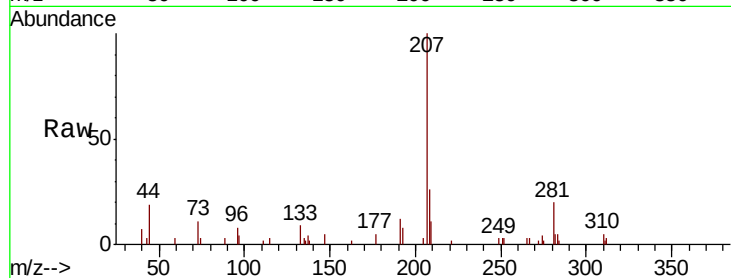
Tgt Ion:252 Resp: 77

Ion Ratio Lower Upper

252 100

254 0.0 52.0 78.0#

126 0.0 8.2 12.4#

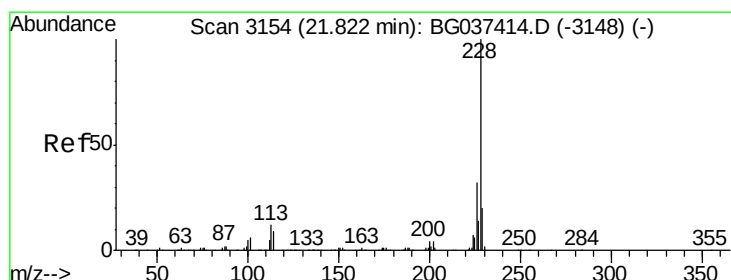
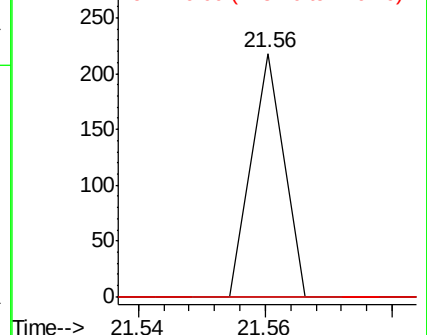
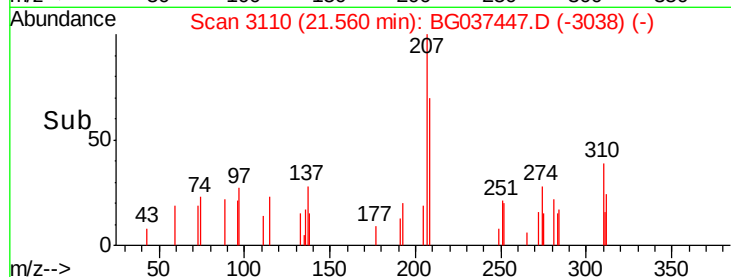


Abundance

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: 0.048 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.06 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

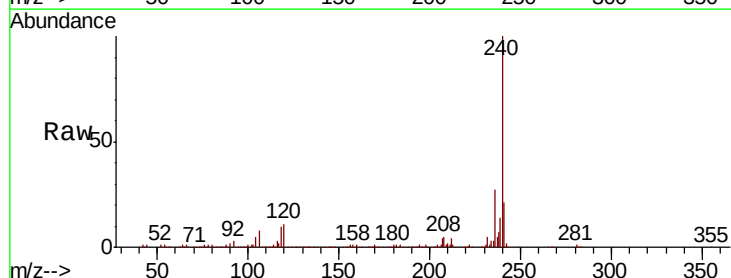
Tgt Ion:228 Resp: 1224

Ion Ratio Lower Upper

228 100

226 0.0 25.7 38.5#

229 24.3 16.5 24.7

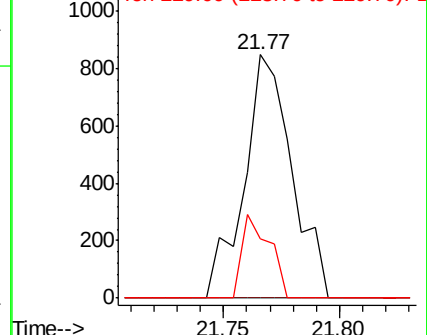
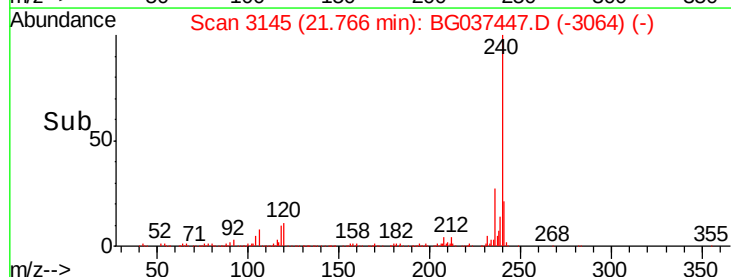


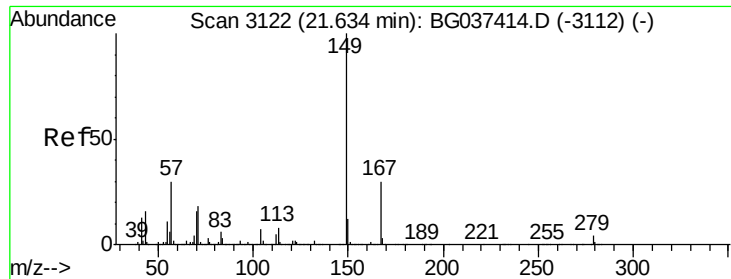
Abundance

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: 0.035 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

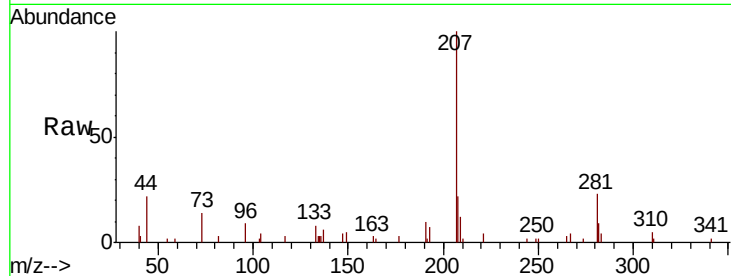
Tgt Ion:149 Resp: 580

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.4#

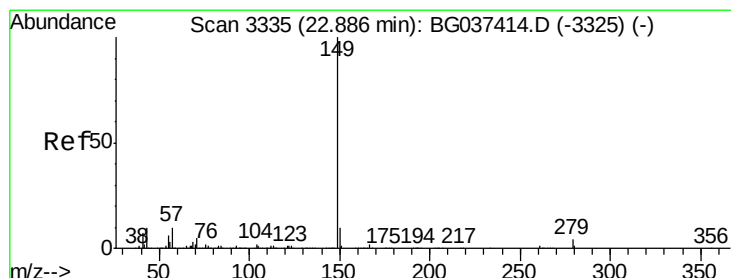
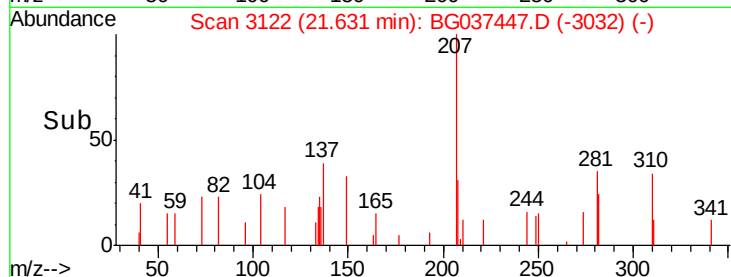
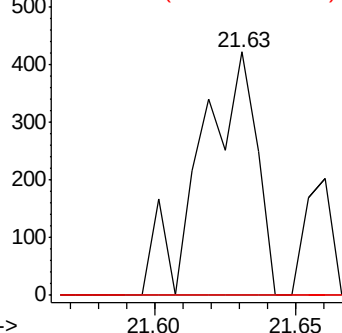
279 0.0 3.6 5.4#



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: 0.009 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

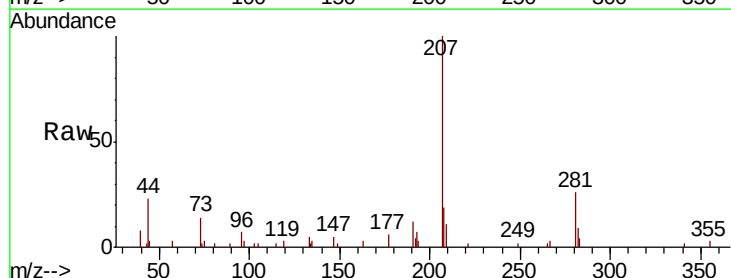
Tgt Ion:149 Resp: 242

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

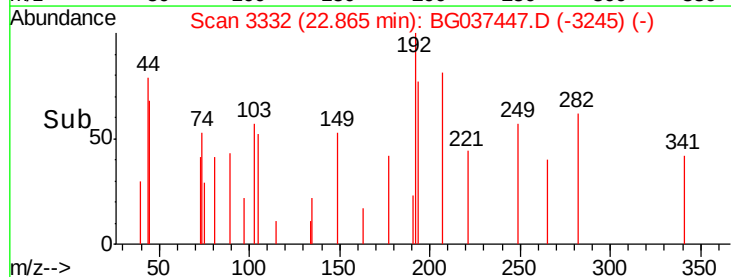
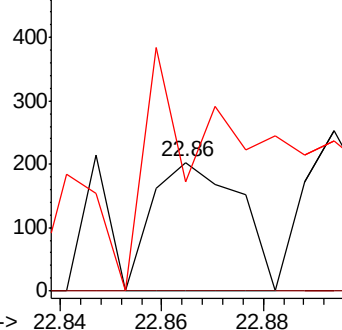
43 66.1 8.7 13.1#

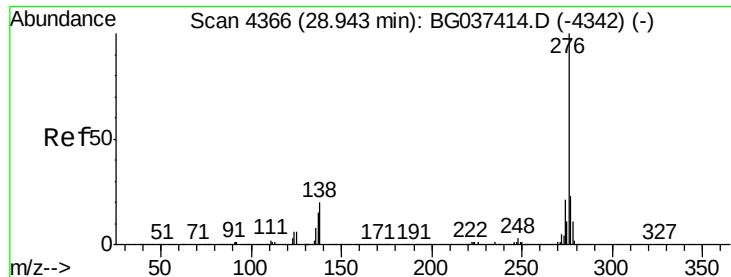


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

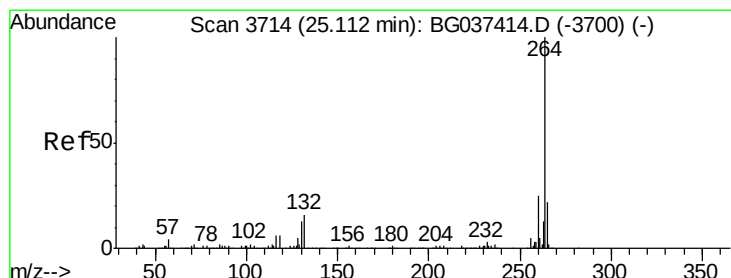
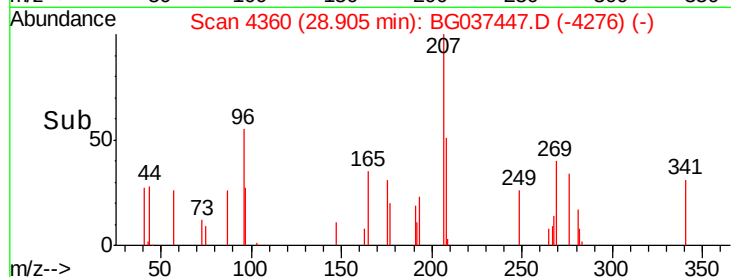
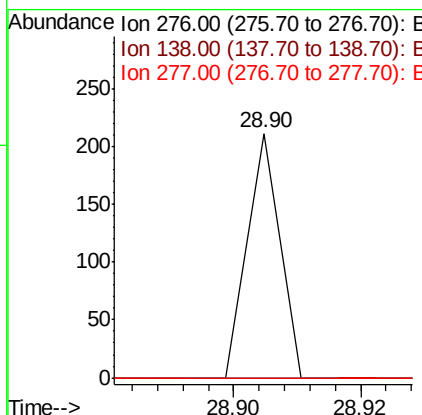
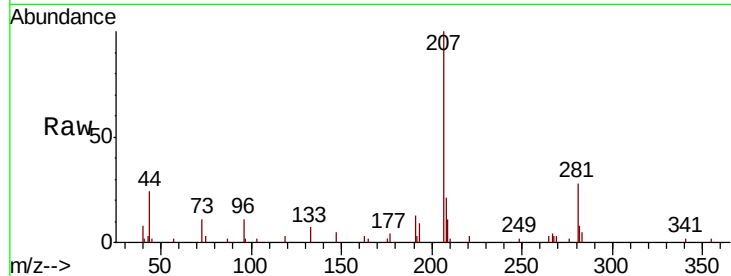




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 28.90 min Scan# 4360
 Delta R.T. -0.04 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

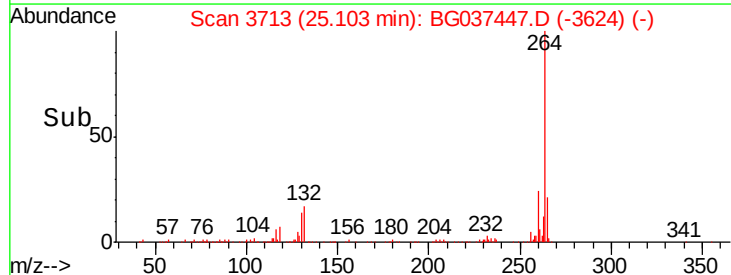
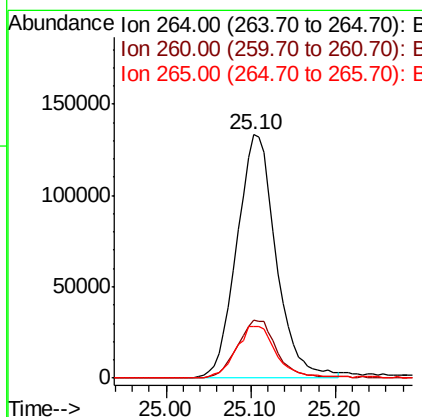
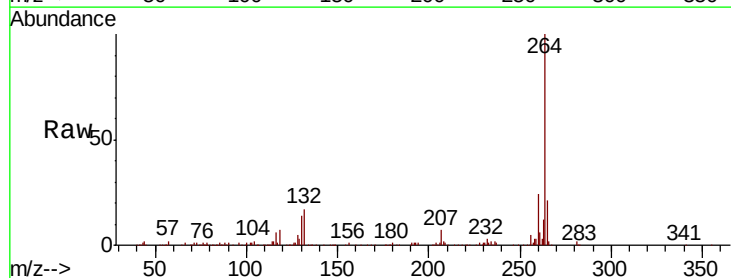
Instrument :
 BNA_G
 ClientSampleId :
 PB113692BL

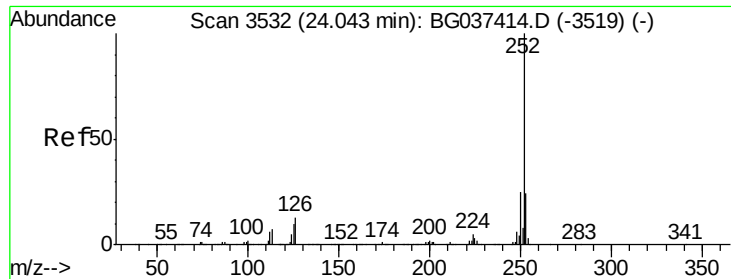
Tgt Ion: 276 Resp: 74
 Ion Ratio Lower Upper
 276 100
 138 0.0 12.0 18.0#
 277 0.0 20.6 30.8#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037447.D
 Acq: 19 Oct 2018 10:45

Tgt Ion: 264 Resp: 430089
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 21.4 17.9 26.9





#88

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 24.05 min Scan# 3534

Delta R.T. 0.01 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

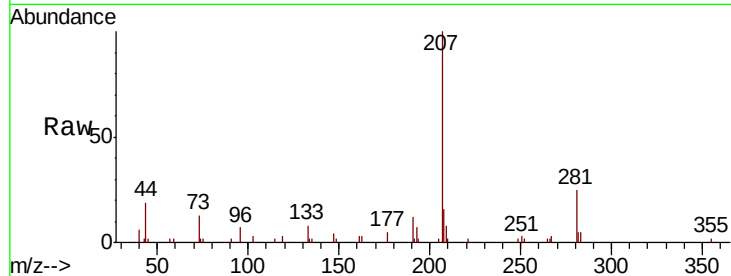
Instrument :

BNA_G

ClientSampleId :

PB113692BL

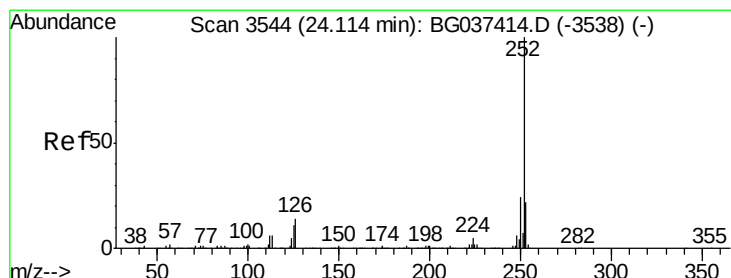
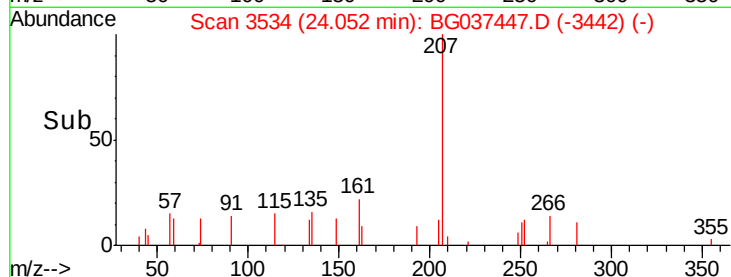
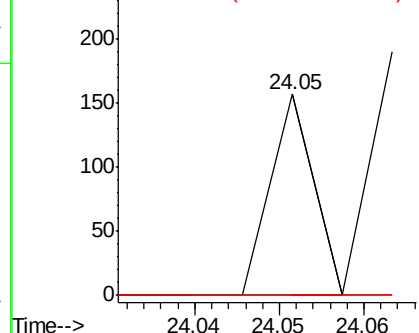
Tgt Ion:	252	Resp:	55
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.2	27.2#
125	0.0	7.8	11.6#



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: 0.003 ng

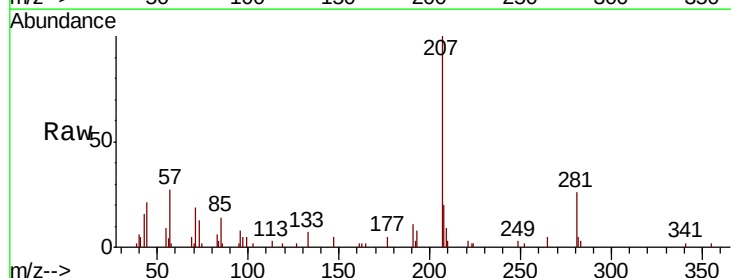
RT: 24.10 min Scan# 3542

Delta R.T. -0.02 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

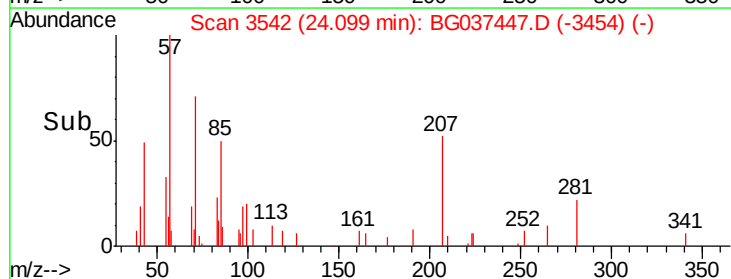
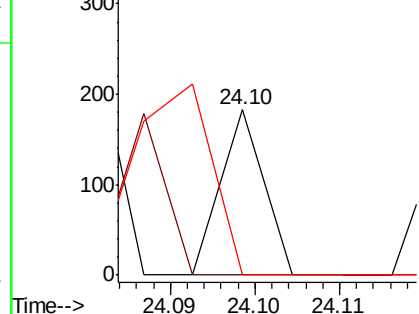
Tgt Ion:	252	Resp:	65
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.4	26.2#
125	0.0	7.4	11.0#

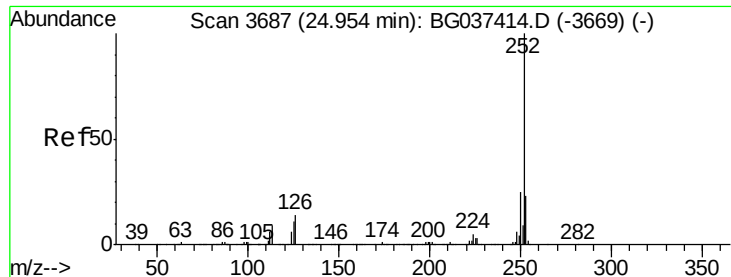


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 24.96 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

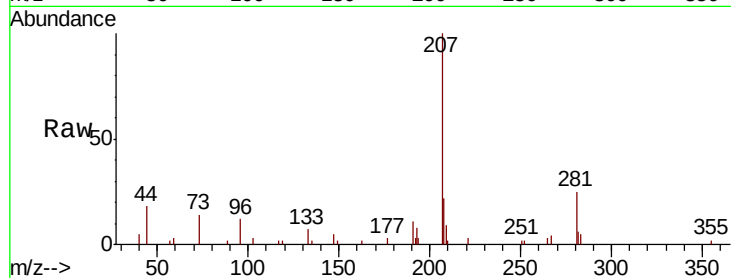
Instrument :

BNA_G

ClientSampleId :

PB113692BL

Tgt Ion:	252	Resp:	121
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.4	26.2#
125	0.0	9.0	13.6#

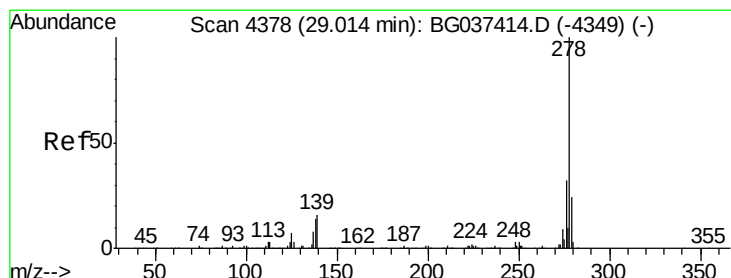
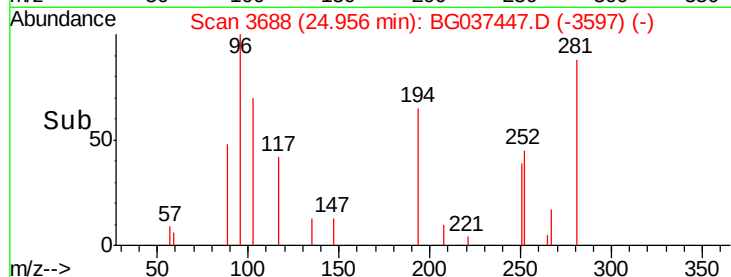
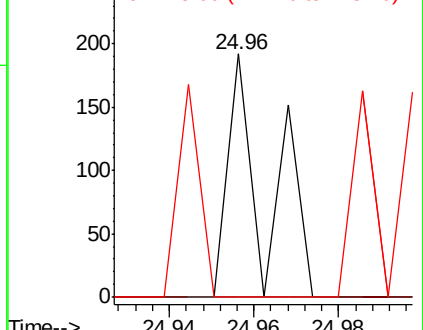


Abundance

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



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

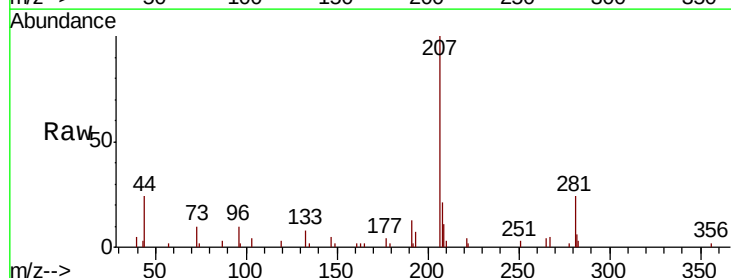
RT: 28.97 min Scan# 4371

Delta R.T. -0.04 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Tgt Ion:	278	Resp:	60
Ion Ratio	Lower	Upper	
278	100		
139	0.0	11.5	17.3#
279	0.0	18.6	27.8#

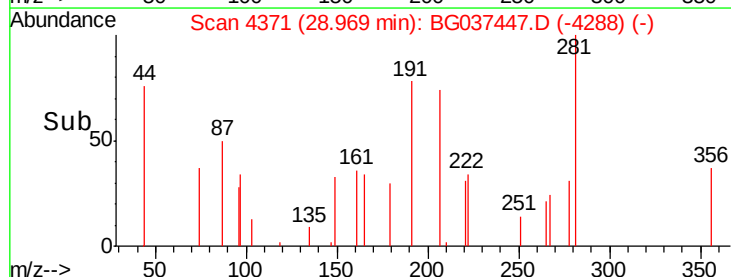
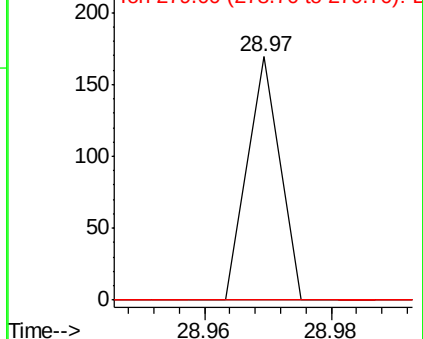


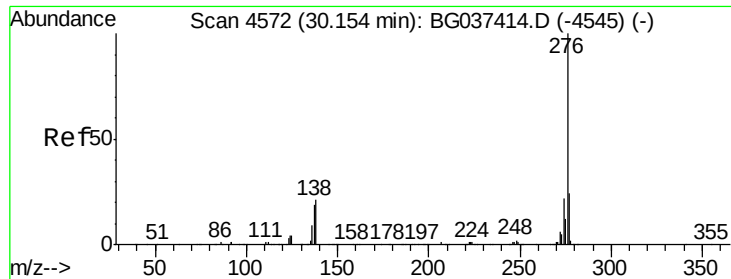
Abundance

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





#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 30.10 min Scan# 4563

Delta R.T. -0.06 min

Lab File: BG037447.D

Acq: 19 Oct 2018 10:45

Instrument :

BNA_G

ClientSampleId :

PB113692BL

Tgt Ion:	276	Resp:	56
Ion Ratio	Lower	Upper	
276	100		
277	0.0	18.9	28.3#
138	0.0	17.2	25.8#

