

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035868.D
 Acq On : 25 Jul 2018 11:18
 Operator : JU/SJ
 Sample : PB111180BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

Quant Time: Jul 25 12:03:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41753	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	153779	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	108922	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	318343	20.00	ng	0.00
75) Chrysene-d12	21.65	240	335677	20.00	ng	0.00
86) Perylene-d12	24.85	264	318472	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	323168	128.50	ng	0.00
7) Phenol-d6	7.20	99	449095	119.69	ng	0.00
23) Nitrobenzene-d5	9.19	82	289949	78.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	208383	145.15	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	701923	86.34	ng	0.00
78) Terphenyl-d14	20.00	244	1354605	88.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	178	0.139	ng	# 1
3) Pyridine	3.67	79	61	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	194	0.135	ng	# 1
6) Aniline	7.46	93	55	0.011	ng	# 41
8) 2-Chlorophenol	7.55	128	172	0.067	ng	# 1
9) Benzaldehyde	7.20	77	949	0.412	ng	# 5
10) Phenol	7.27	94	57	0.015	ng	# 37
11) bis(2-Chloroethyl)ether	7.46	93	55	0.019	ng	# 16
14) 1,2-Dichlorobenzene	8.80	146	67	0.022	ng	# 25
15) Benzyl Alcohol	8.34	79	5384	1.580	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.32	45	103	0.041	ng	# 75
18) Hexachloroethane	9.28	117	54	0.045	ng	# 1
20) 3+4-Methylphenols	9.23	107	91	0.025	ng	# 24
22) Acetophenone	8.98	105	56	0.012	ng	# 14
24) Nitrobenzene	9.19	77	779	0.210	ng	# 42
25) Isophorone	9.63	82	229	0.034	ng	# 69
27) 2,4-Dimethylphenol	10.44	122	57	0.026	ng	# 1
28) bis(2-Chloroethoxy)methane	10.11	93	55	0.015	ng	# 51
30) 1,2,4-Trichlorobenzene	10.57	180	54	0.017	ng	# 12
31) Naphthalene	10.60	128	78	0.010	ng	# 68
32) Benzoic acid	10.44	122	57	0.038	ng	# 1
34) Hexachlorobutadiene	10.86	225	70	0.029	ng	# 20
35) Caprolactam	11.48	113	68	0.062	ng	# 1
36) 4-Chloro-3-methylphenol	12.10	107	66	0.019	ng	# 22
40) Hexachlorocyclopentadiene	13.10	237	70	0.032	ng	# 22
45) 1,1'-Biphenyl	13.50	154	829	0.098	ng	# 88
46) 2-Chloronaphthalene	13.46	162	82	0.012	ng	# 39
47) 2-Nitroaniline	13.27	65	810	0.349	ng	# 1
48) Acenaphthylene	14.38	152	62	0.006	ng	# 59
51) Acenaphthene	14.66	154	520	0.076	ng	# 27
54) Dibenzofuran	15.13	168	84	0.008	ng	# 46
55) 4-Nitrophenol	14.62	139	57	0.040	ng	# 1
57) Fluorene	16.14	166	6859	0.751	ng	# 82
59) Diethylphthalate	15.43	149	80	0.008	ng	# 58

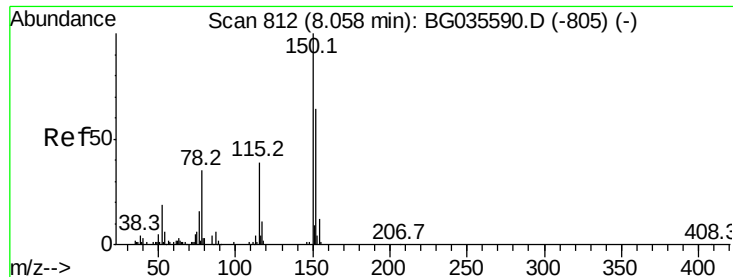
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035868.D
 Acq On : 25 Jul 2018 11:18
 Operator : JU/SJ
 Sample : PB111180BL
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Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

Quant Time: Jul 25 12:03:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) Azobenzene	15.99	77	68	0.007	nq	# 48
64) 4,6-Dinitro-2-methylphenol	16.15	198	810	0.457	nq	# 85
65) n-Nitrosodiphenylamine	16.14	169	8255	0.911	nq	# 49
67) Hexachlorobenzene	16.40	284	59	0.016	nq	# 41
70) Phenanthrene	17.44	178	205	0.013	nq	# 60
71) Anthracene	17.55	178	59	0.004	nq	# 1
72) Carbazole	17.40	167	102	0.007	nq	# 1
73) Di-n-butylphthalate	18.30	149	55	0.003	nq	# 78
74) Fluoranthene	19.83	202	354	0.017	nq	# 65
77) Pvrene	19.83	202	354	0.017	nq	# 57
79) Butylbenzylphthalate	20.70	149	249	0.033	nq	# 20
80) Benzo(a)anthracene	21.67	228	1260	0.060	nq	# 63
81) 3,3'-Dichlorobenzidine	21.58	252	115	0.016	nq	# 26
82) Chrysene	21.70	228	117	0.006	nq	# 49
83) Bis(2-ethylhexyl)phthalate	21.54	149	838	0.081	nq	# 50
84) Di-n-octyl phthalate	22.75	149	67	0.004	nq	# 1
85) Indeno(1,2,3-cd)pyrene	28.22	276	55	0.003	nq	# 53
87) Benzo(b)fluoranthene	23.84	252	60	0.003	nq	# 59
88) Benzo(k)fluoranthene	23.90	252	58	0.003	nq	# 60
89) Benzo(a)pyrene	24.73	252	67	0.004	nq	# 1
90) Dibenzo(a,h)anthracene	28.47	278	58	0.003	nq	# 58
91) Benzo(g,h,i)perylene	29.90	276	87	0.005	nq	# 56

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

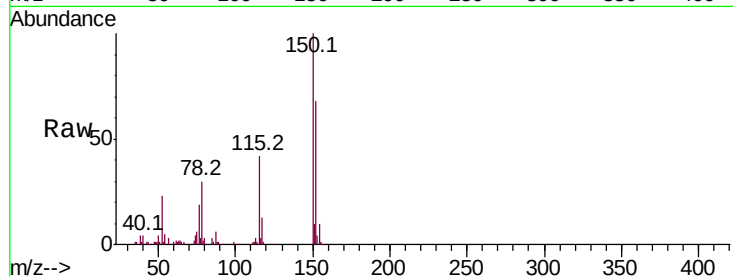
Tot Ion:152 Resp: 41753

Ion Ratio Lower Upper

152 100

150 146.3 126.6 189.8

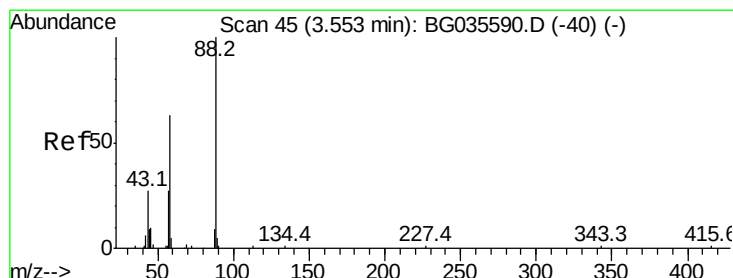
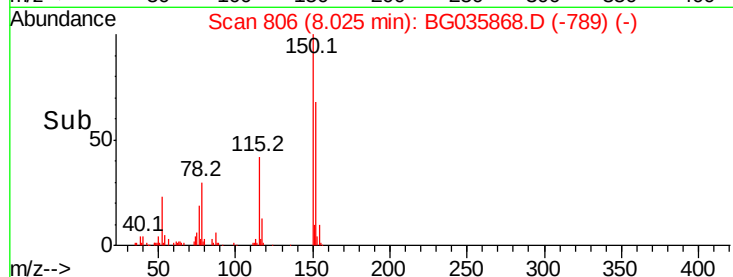
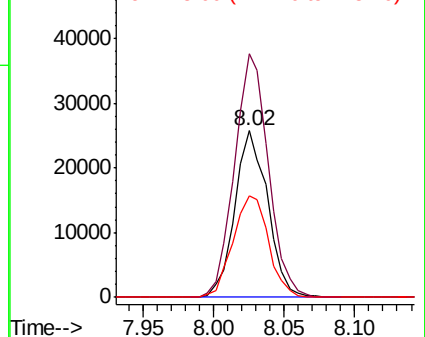
115 61.4 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.139 ng

RT: 3.52 min Scan# 40

Delta R.T. 0.00 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

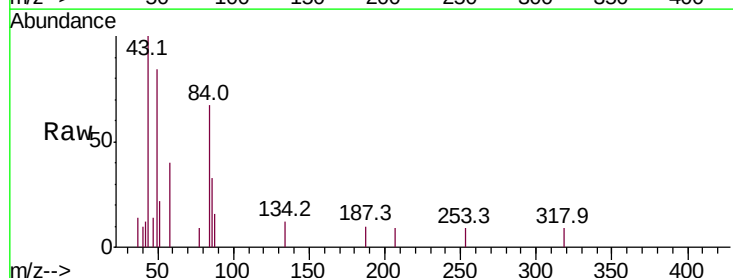
Tgt Ion: 88 Resp: 178

Ion Ratio Lower Upper

88 100

58 446.6 79.6 119.4#

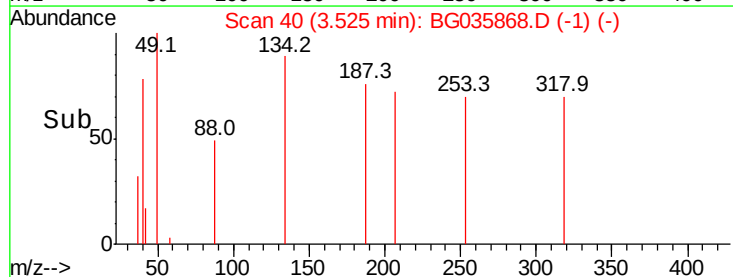
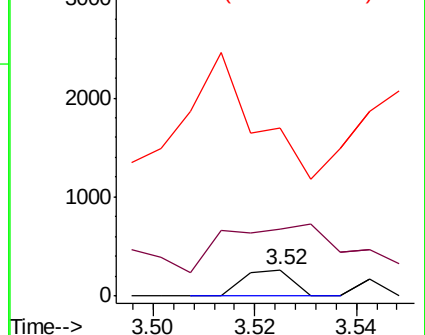
43 644.4 27.4 41.0#

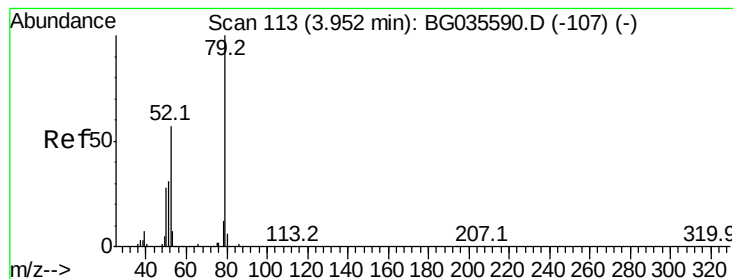


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.018 ng

RT: 3.67 min Scan# 64

Delta R.T. -0.25 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

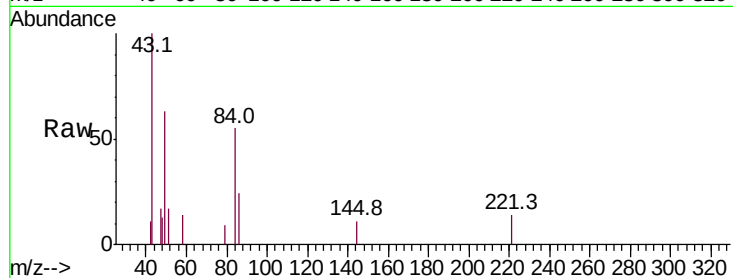
Tot Ion: 79 Resp: 61

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

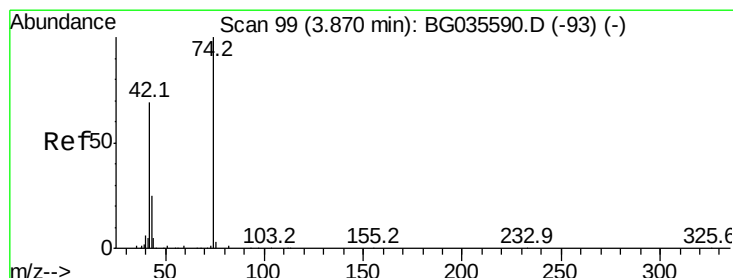
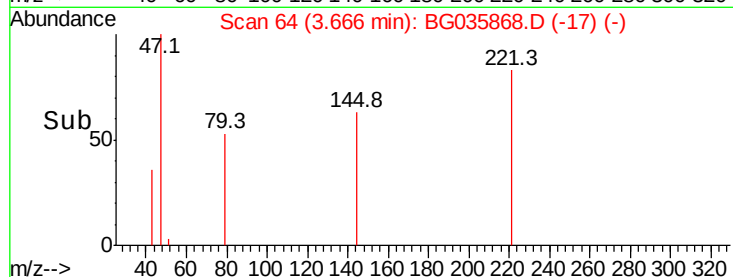
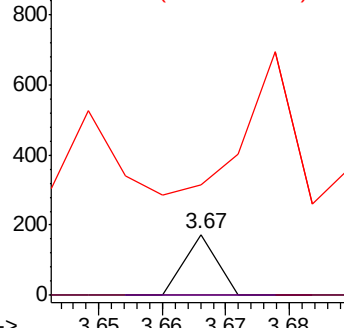
51 181.6 34.0 51.0#



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: 0.135 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

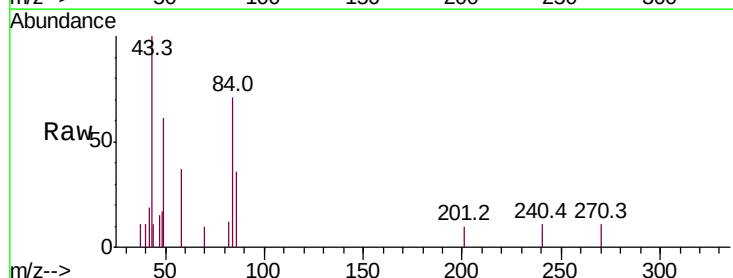
Tgt Ion: 42 Resp: 194

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

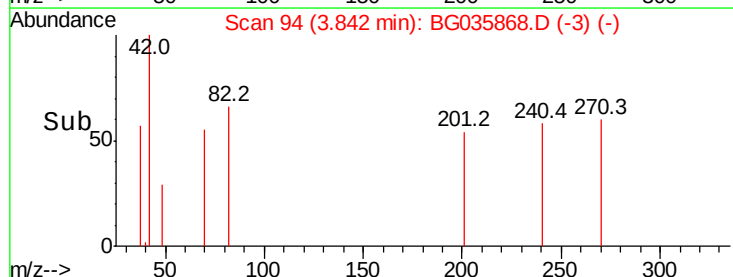
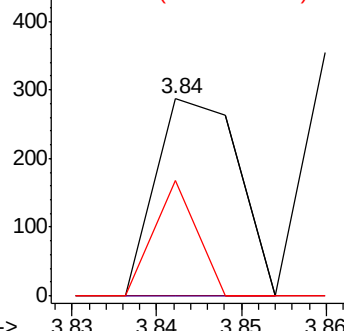
44 58.5 18.9 28.3#

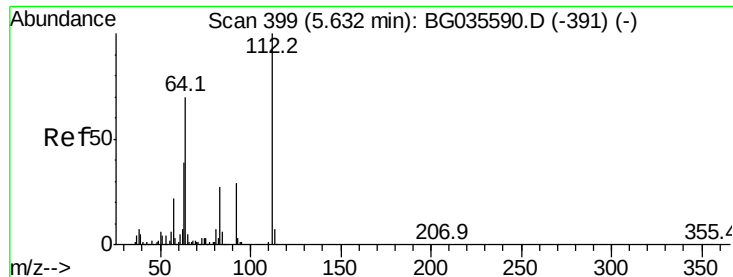


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.502 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

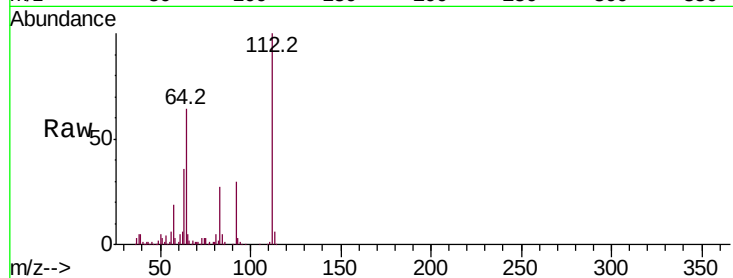
Tot Ion:112 Resp: 323168

Ion Ratio Lower Upper

112 100

64 64.4 56.3 84.5

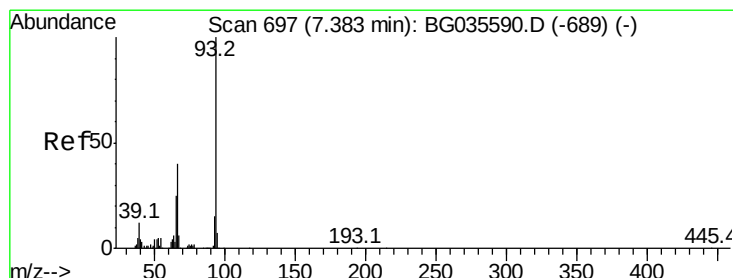
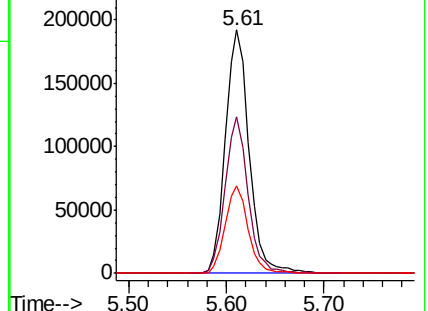
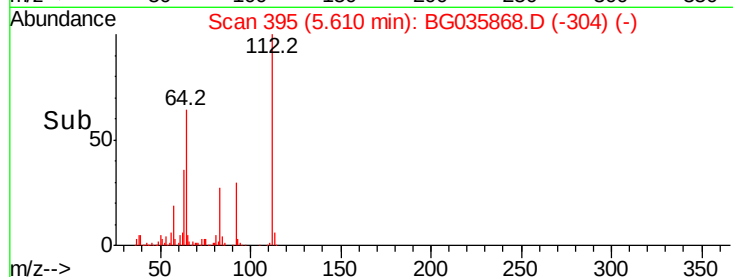
63 35.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.011 ng

RT: 7.46 min Scan# 710

Delta R.T. 0.11 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

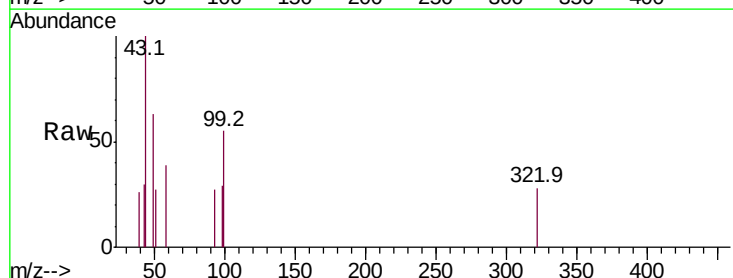
Tgt Ion: 93 Resp: 55

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

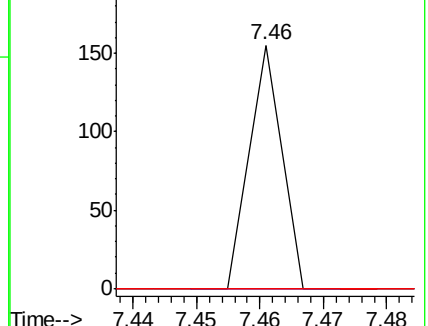
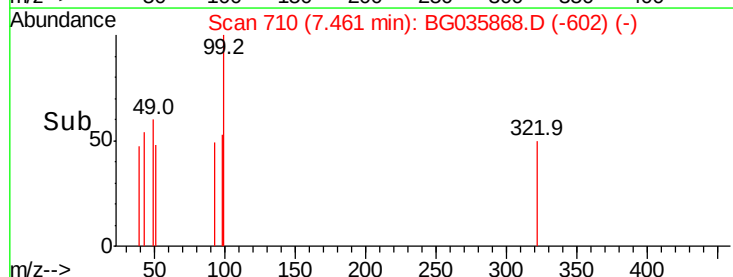
65 0.0 16.1 24.1#

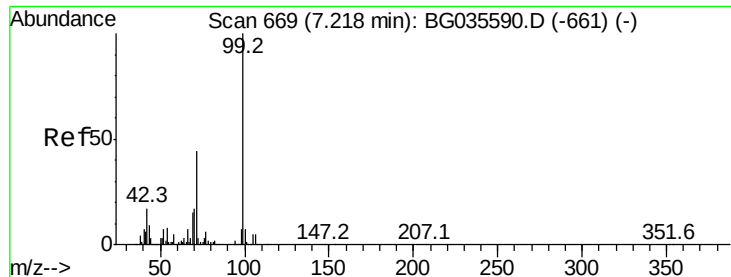


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.689 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

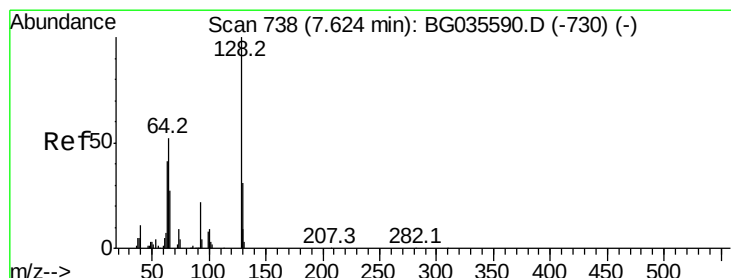
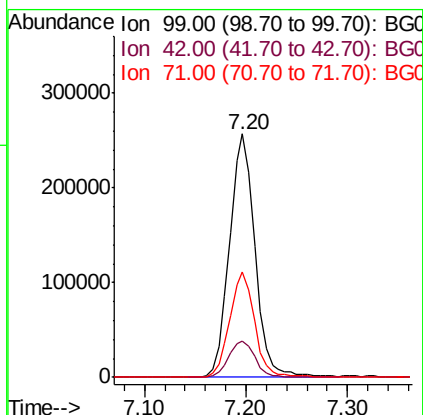
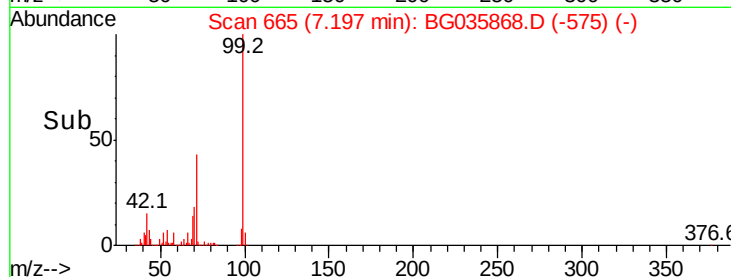
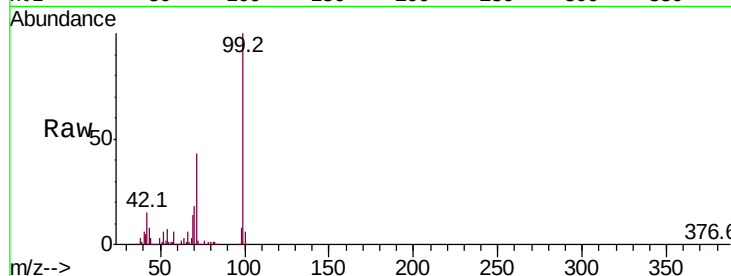
Tot Ion: 99 Resp: 449095

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 43.1 26.1 39.1#



#8

2-Chlorophenol

Concen: 0.067 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.04 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

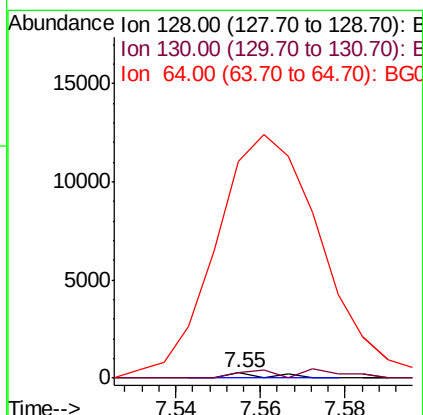
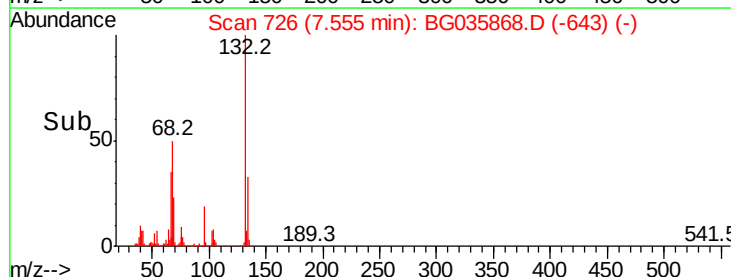
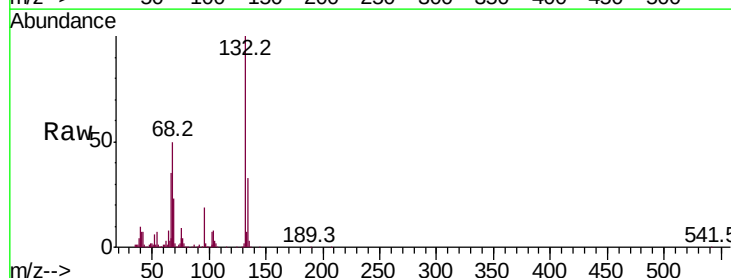
Tgt Ion:128 Resp: 172

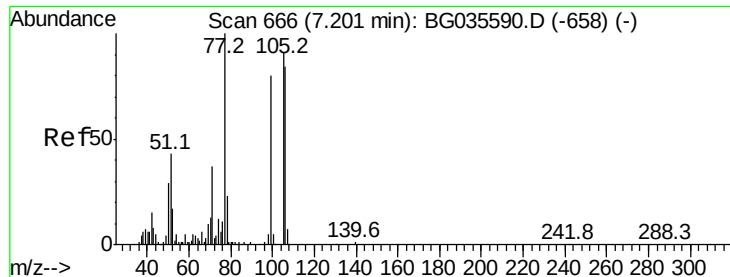
Ion Ratio Lower Upper

128 100

130 116.7 14.0 54.0#

64 4394.0 37.7 77.7#





#9

Benzaldehyde

Concen: 0.412 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.04 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleID :

PB111180BL

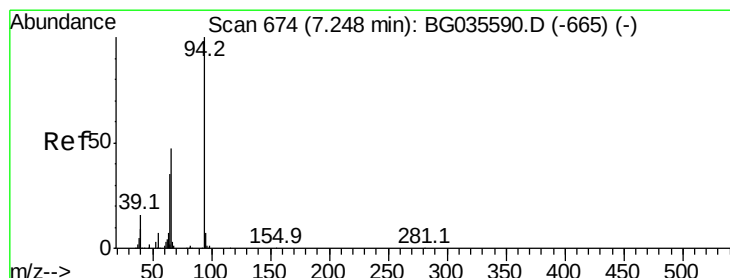
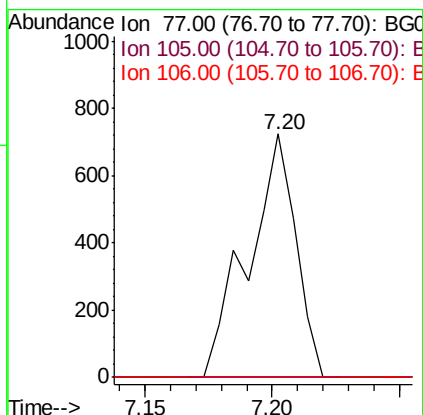
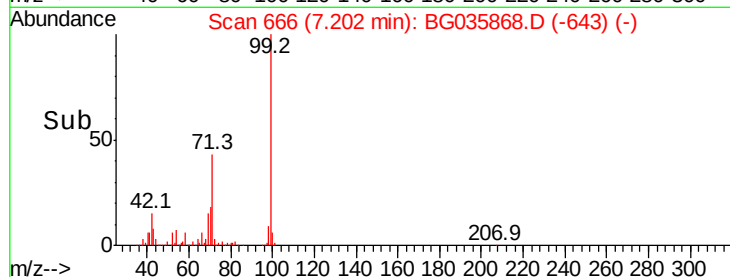
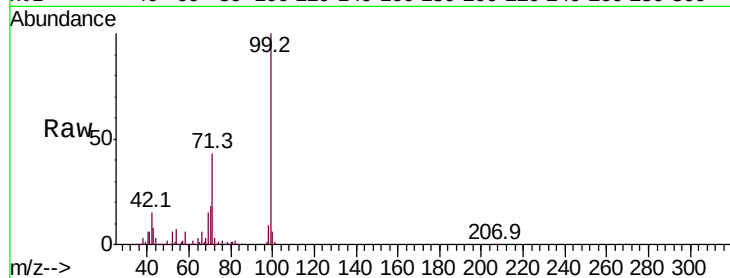
Tot Ion: 77 Resp: 949

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



#10

Phenol

Concen: 0.015 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.05 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

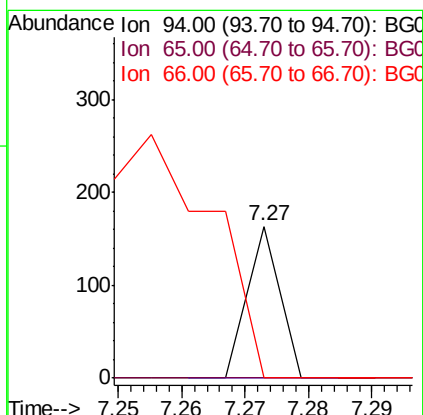
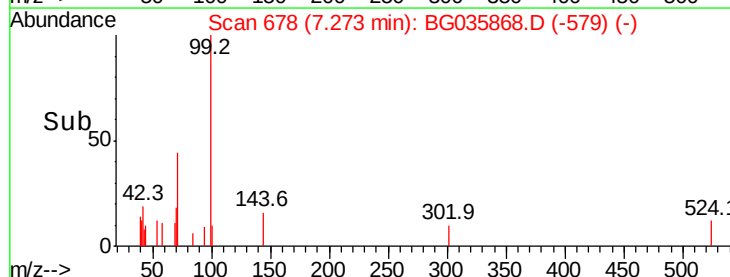
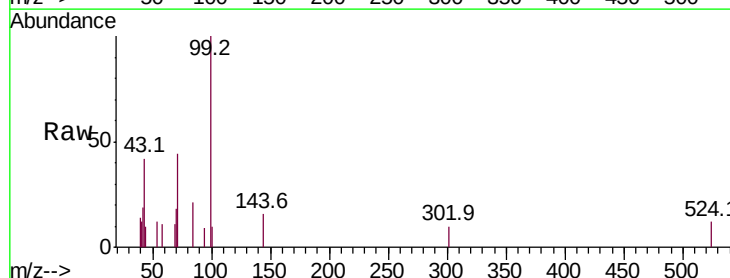
Tgt Ion: 94 Resp: 57

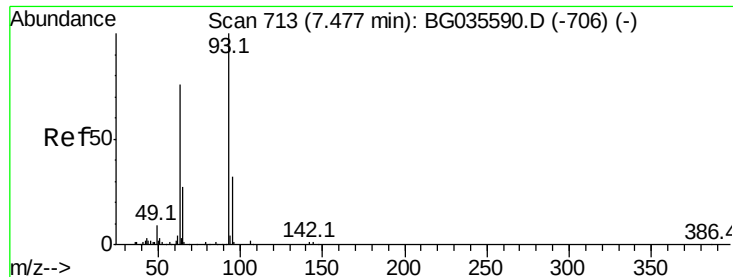
Ion Ratio Lower Upper

94 100

65 0.0 11.9 51.9#

66 0.0 22.2 62.2#

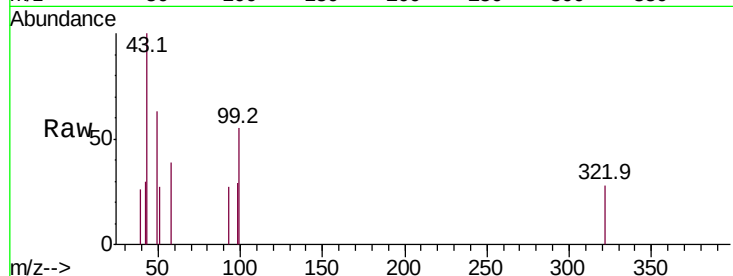




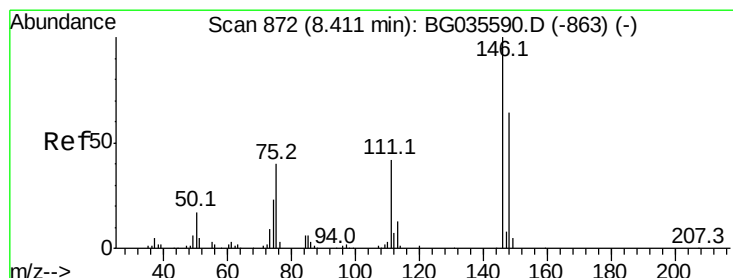
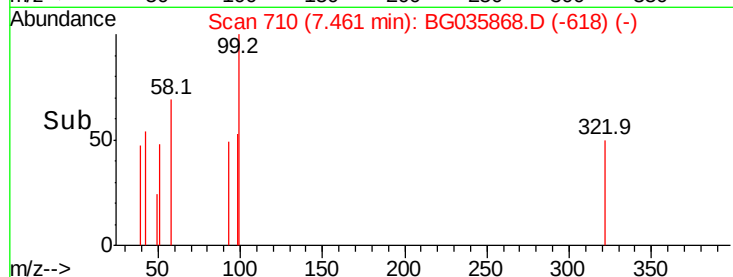
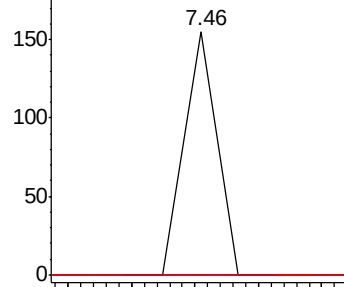
#11
bis(2-Chloroethyl)ether
Concen: 0.019 ng
RT: 7.46 min Scan# 710
Delta R.T. 0.01 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Instrument :
BNA_G
ClientSampleId :
PB111180BL

Tot Ion: 93 Resp: 55
Ion Ratio Lower Upper
93 100
63 0.0 67.1 107.1#
95 0.0 11.5 51.5#

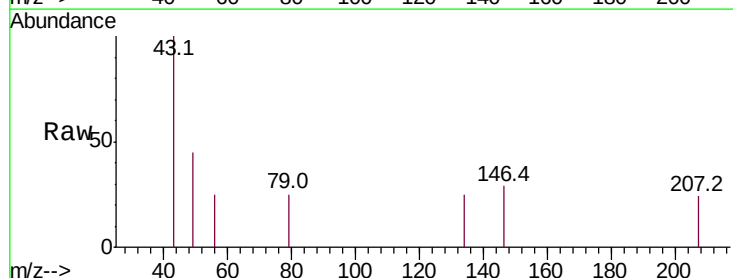


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

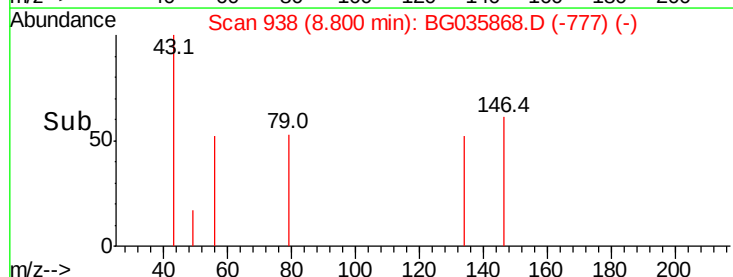
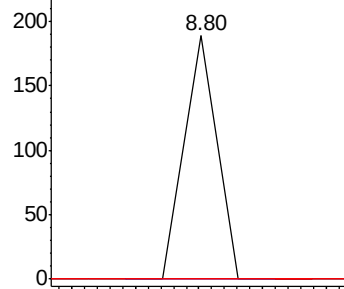


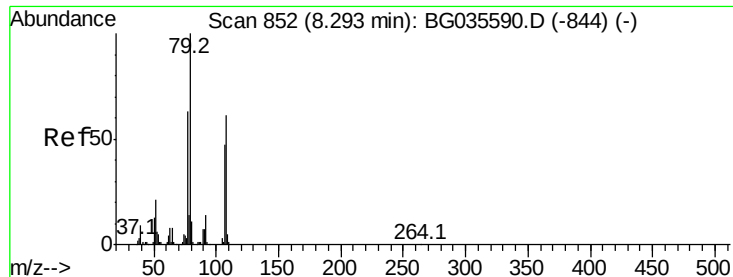
#14
1,2-Dichlorobenzene
Concen: 0.022 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.42 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Tgt Ion: 146 Resp: 67
Ion Ratio Lower Upper
146 100
148 0.0 49.3 73.9#
111 0.0 34.3 51.5#



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: 1.580 ng

RT: 8.34 min Scan# 860

Delta R.T. 0.08 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

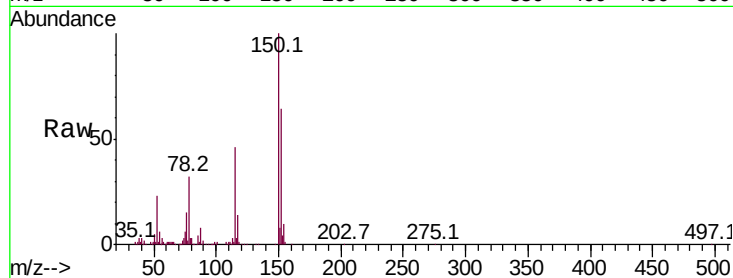
Tot Ion: 79 Resp: 5384

Ion Ratio Lower Upper

79 100

108 22.3 57.2 85.8#

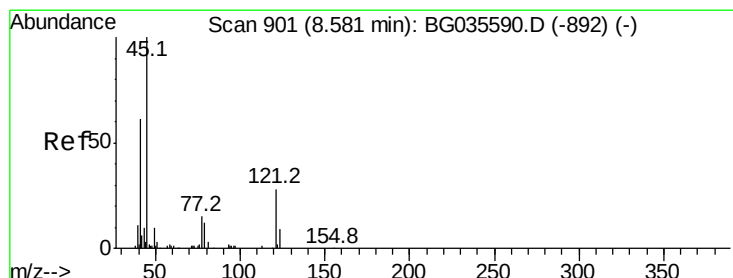
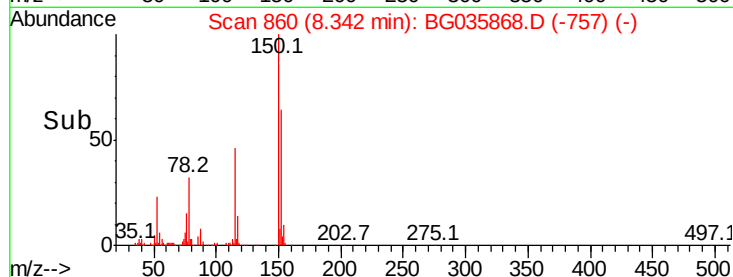
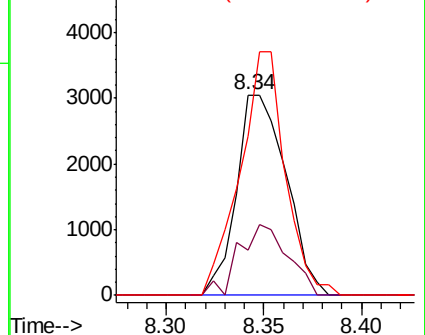
77 79.7 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.041 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.23 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

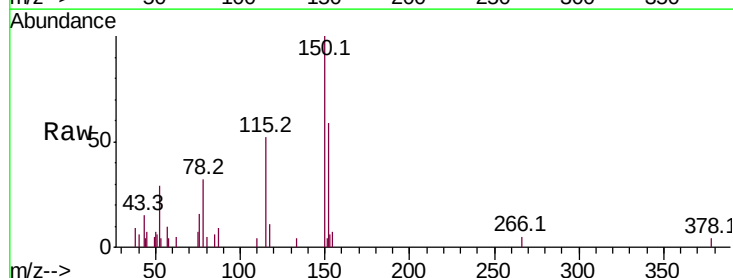
Tgt Ion: 45 Resp: 103

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

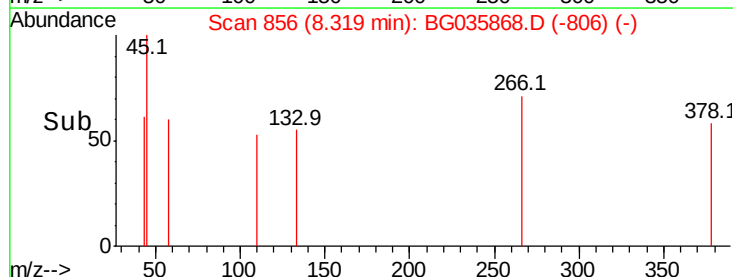
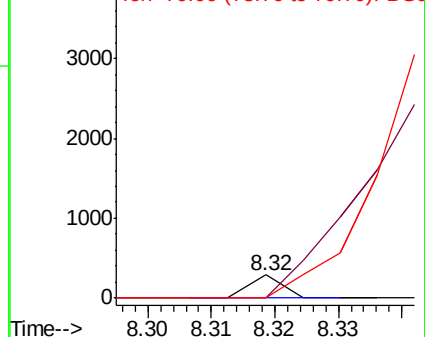
79 0.0 0.0 27.9

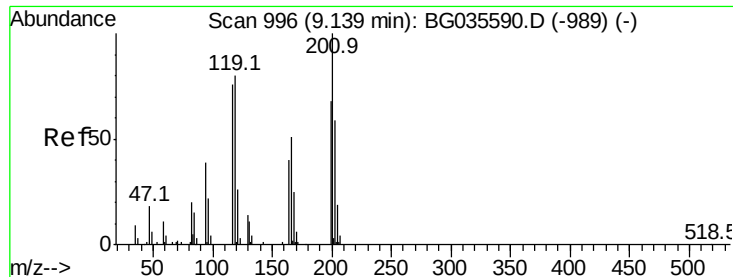


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

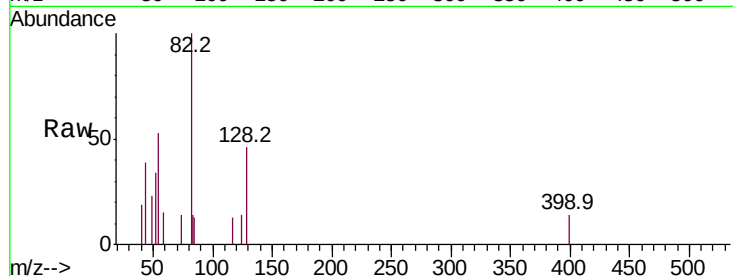




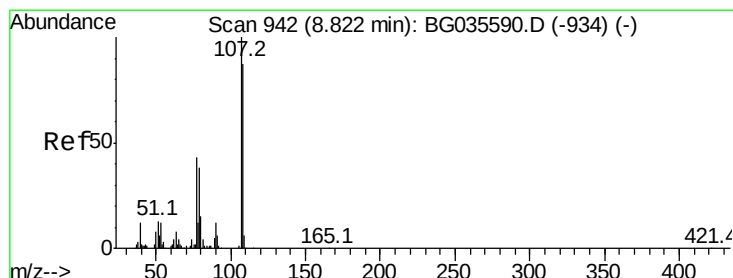
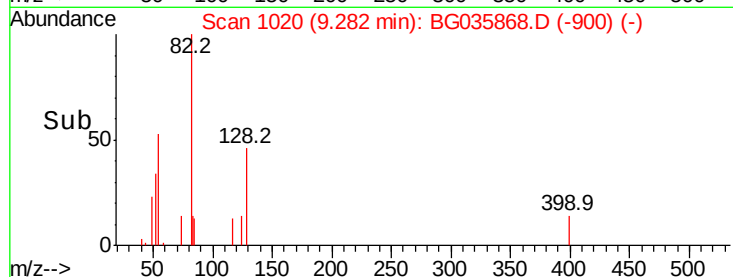
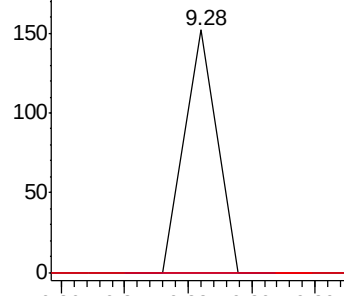
#18
Hexachloroethane
Concen: 0.045 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.18 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Instrument :
BNA_G
ClientSampleId :
PB111180BL

Tot Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	0.0	95.7	143.5#

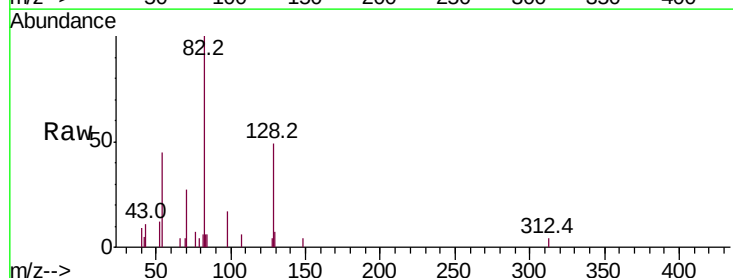


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

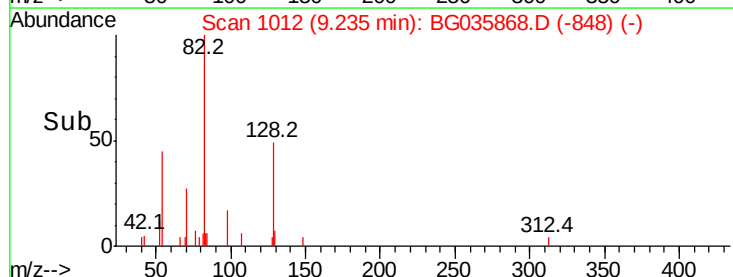
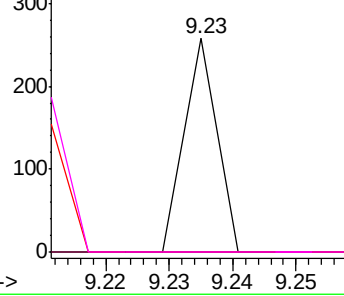


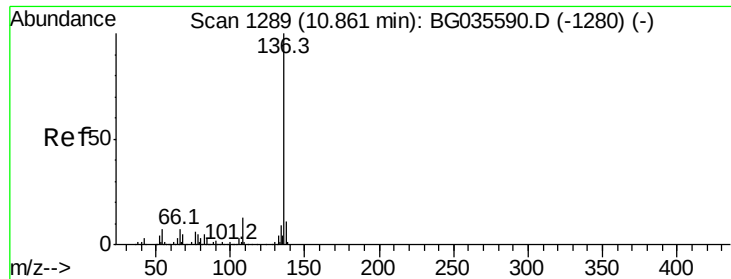
#20
3+4-Methylphenols
Concen: 0.025 ng
RT: 9.23 min Scan# 1012
Delta R.T. 0.44 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	0.0	13.9	53.9#
79	0.0	8.8	48.8#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampled :

PB111180BL

Tot Ion:136 Resp: 153779

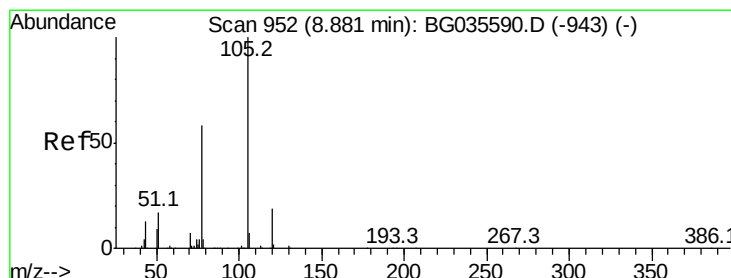
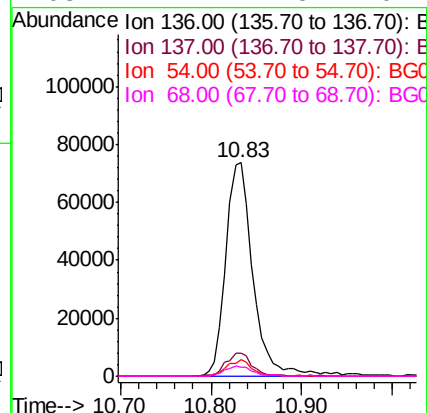
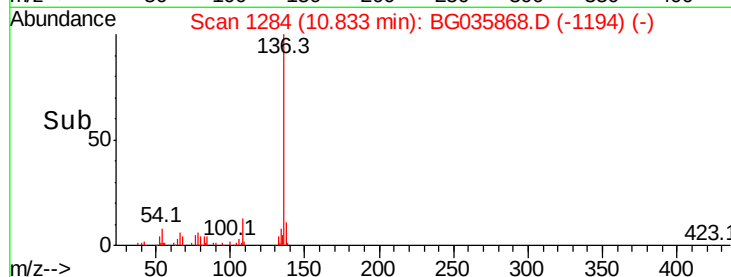
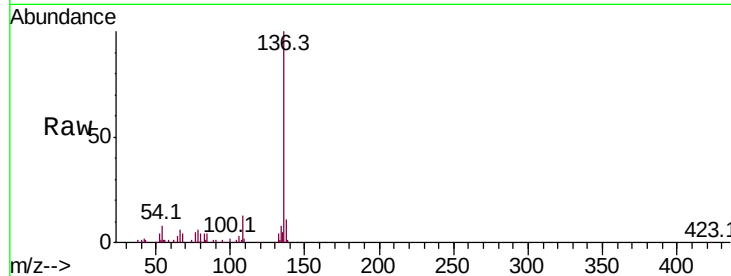
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.6 10.3 15.5#

68 4.2 4.5 6.7#



#22

Acetophenone

Concen: 0.012 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.13 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Tgt Ion:105 Resp: 56

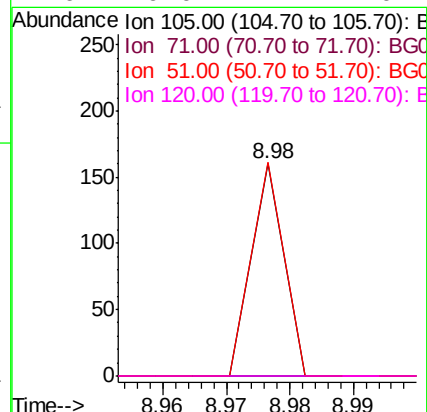
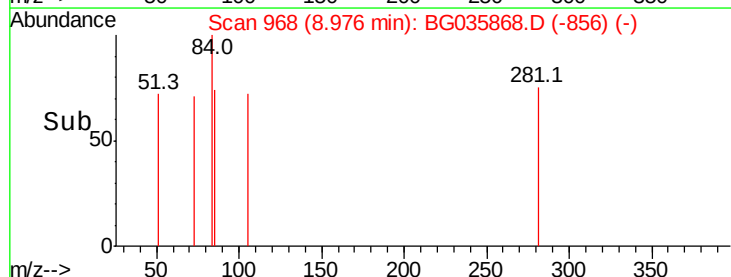
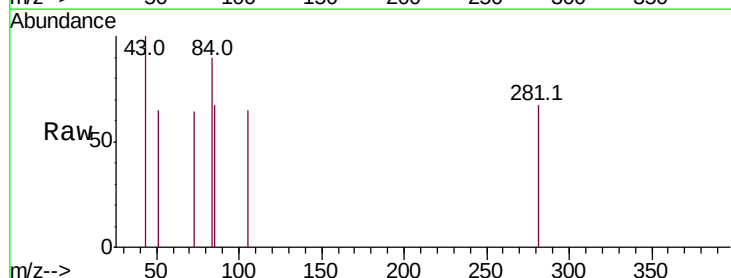
Ion Ratio Lower Upper

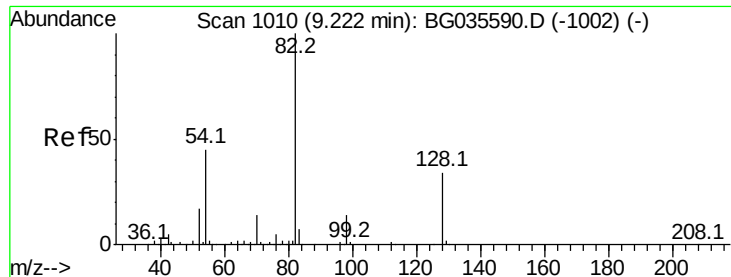
105 100

71 0.0 3.0 4.4#

51 100.6 26.1 39.1#

120 0.0 17.4 26.2#

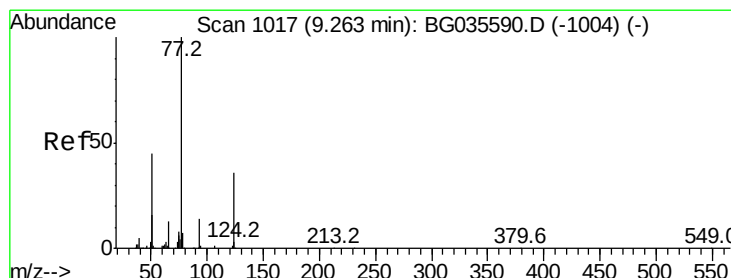
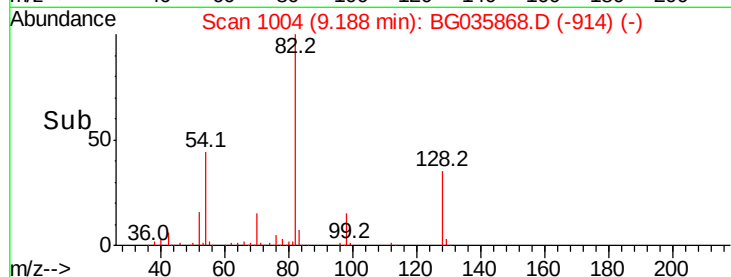
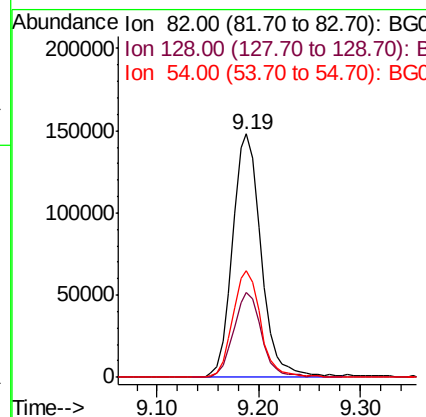
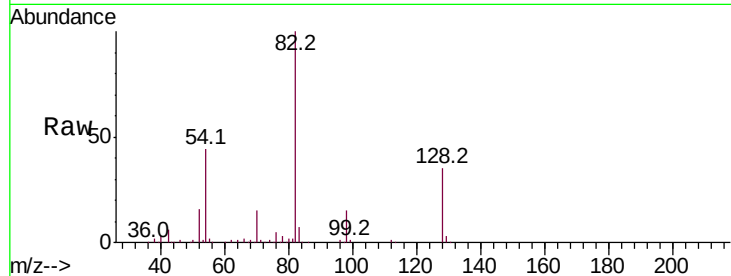




#23
 Nitrobenzene-d5
 Concen: 78.766 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

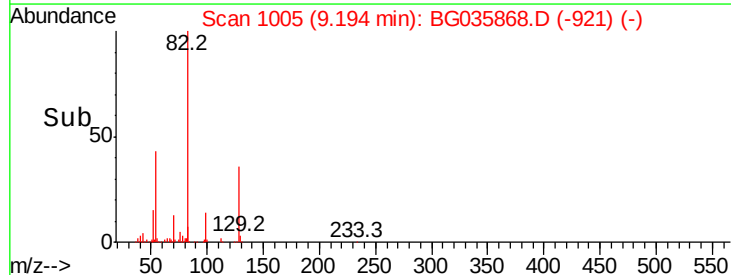
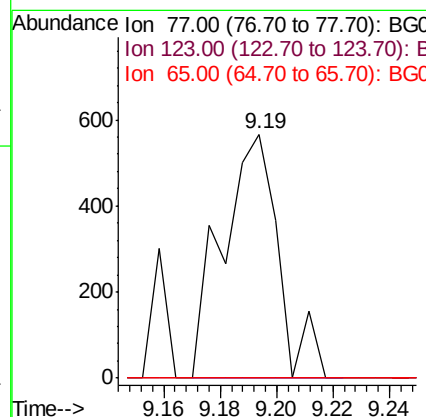
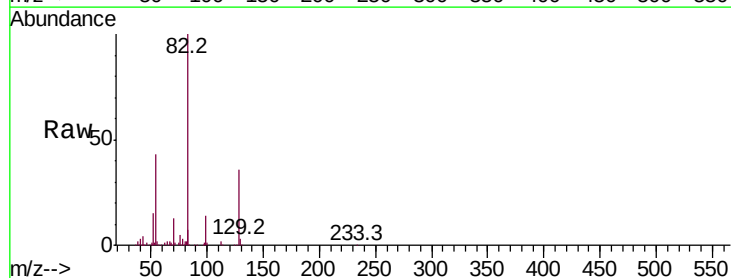
Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

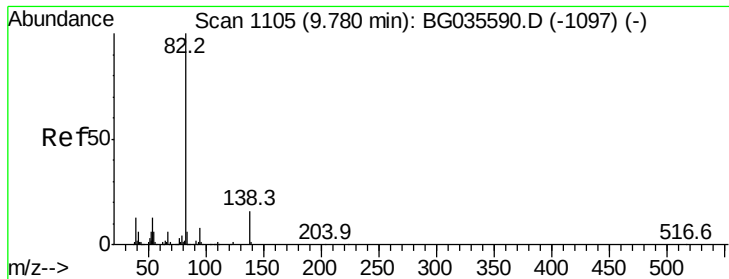
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	44.0	43.1	64.7



#24
 Nitrobenzene
 Concen: 0.210 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.03 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#





#25

Isophorone

Concen: 0.034 ng

RT: 9.63 min Scan# 1080

Delta R.T. -0.12 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

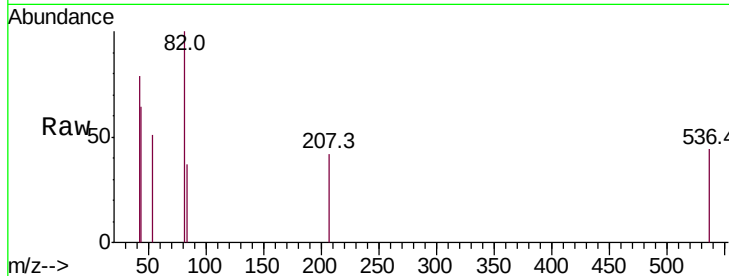
Tot Ion: 82 Resp: 229

Ion Ratio Lower Upper

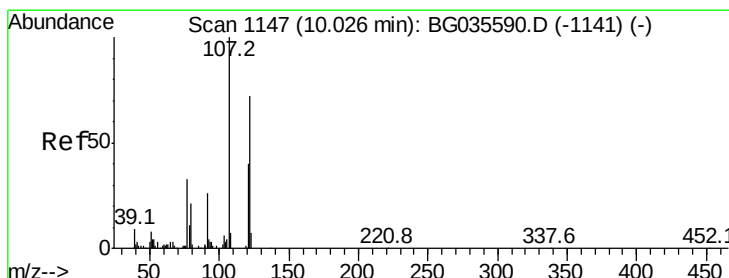
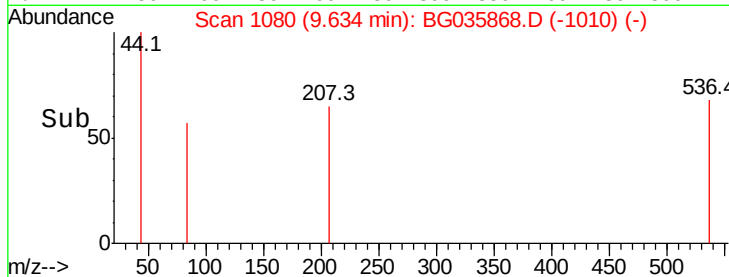
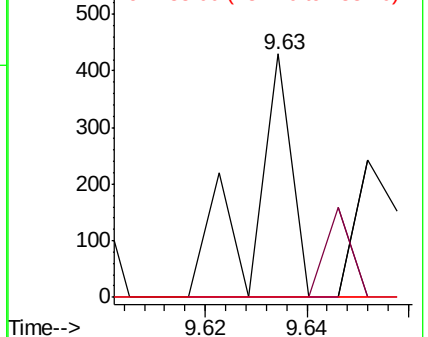
82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



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



#27

2,4-Dimethylphenol

Concen: 0.026 ng

RT: 10.44 min Scan# 1217

Delta R.T. 0.44 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

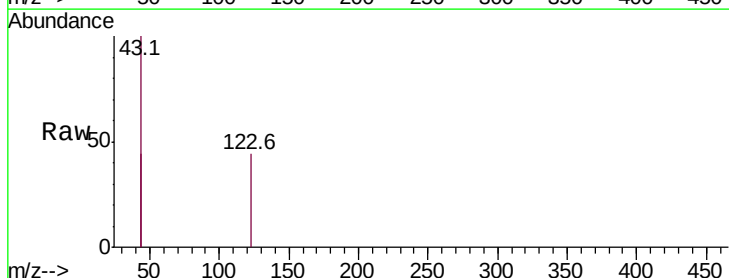
Tgt Ion: 122 Resp: 57

Ion Ratio Lower Upper

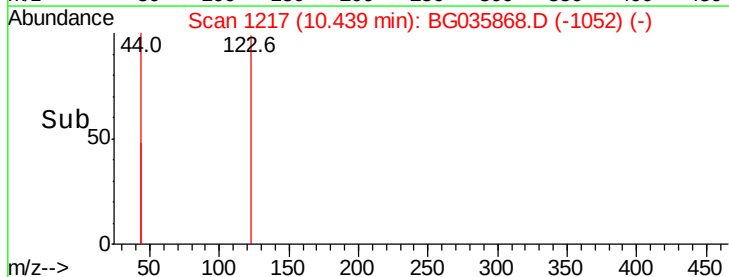
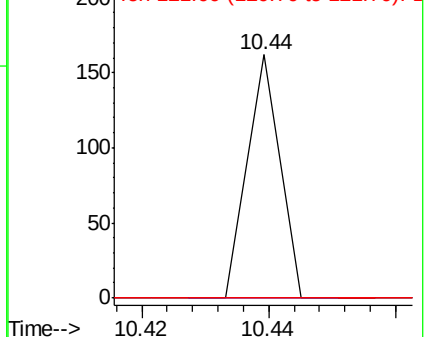
122 100

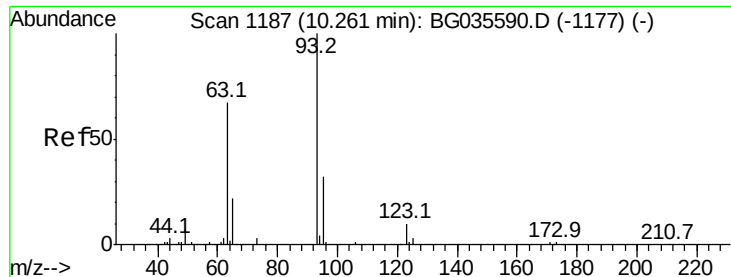
107 0.0 100.2 150.2#

121 0.0 44.4 66.6#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC





#28

bis(2-Chloroethoxy)methane

Concen: 0.015 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.12 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

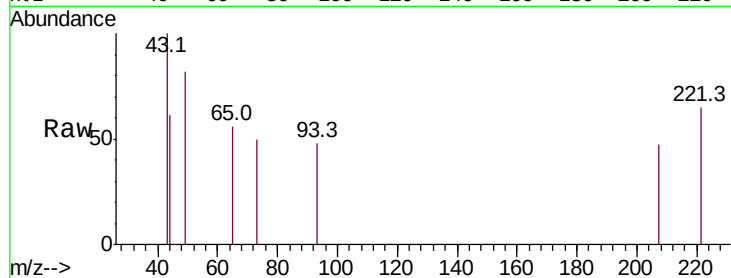
Tot Ion: 93 Resp: 55

Ion Ratio Lower Upper

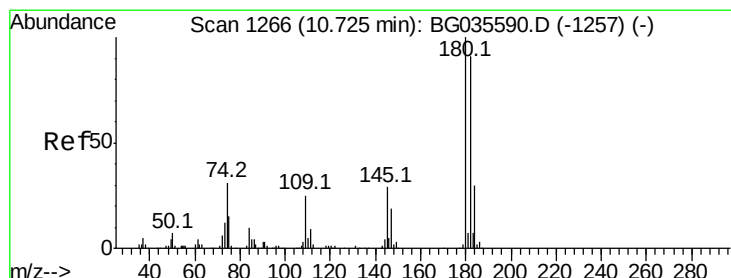
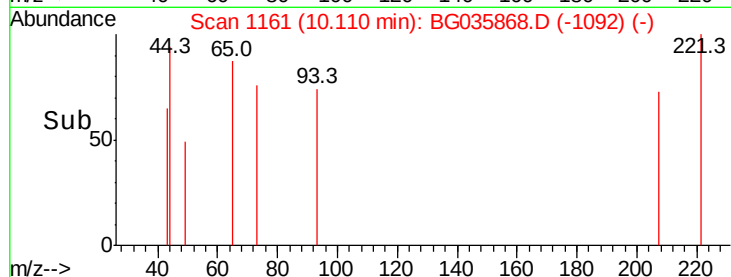
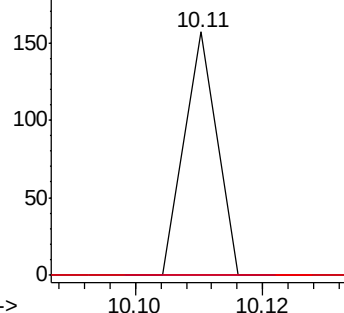
93 100

95 0.0 24.3 36.5#

123 0.0 8.4 12.6#



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 0.017 ng

RT: 10.57 min Scan# 1239

Delta R.T. -0.12 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

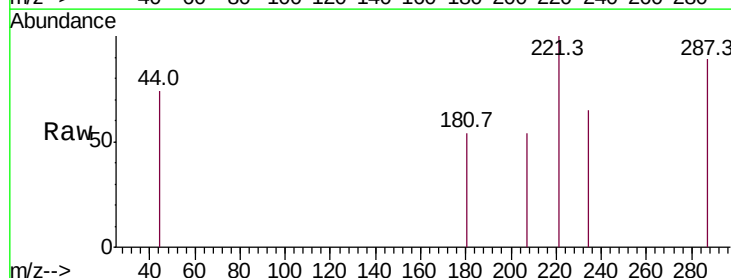
Tgt Ion: 180 Resp: 54

Ion Ratio Lower Upper

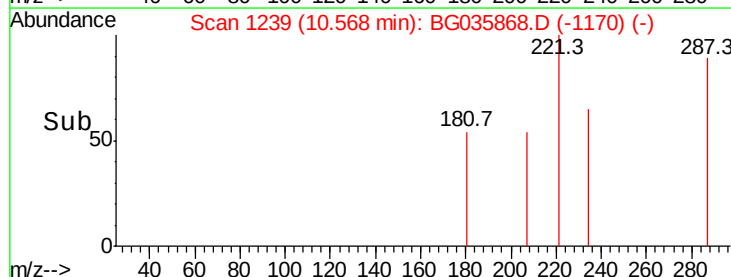
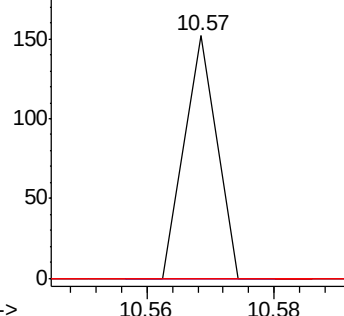
180 100

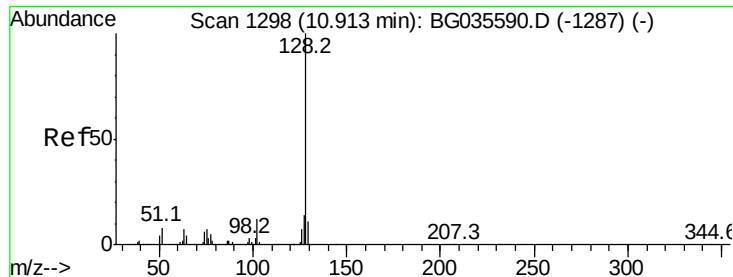
182 0.0 77.5 116.3#

145 0.0 23.4 35.2#



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

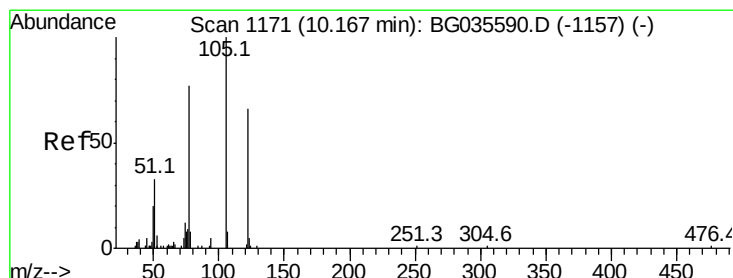
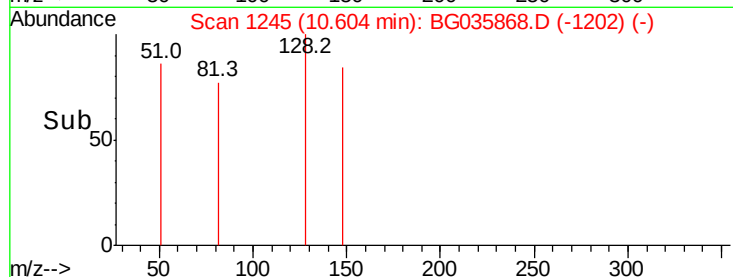
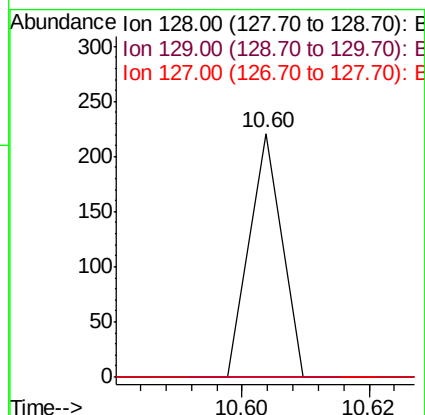
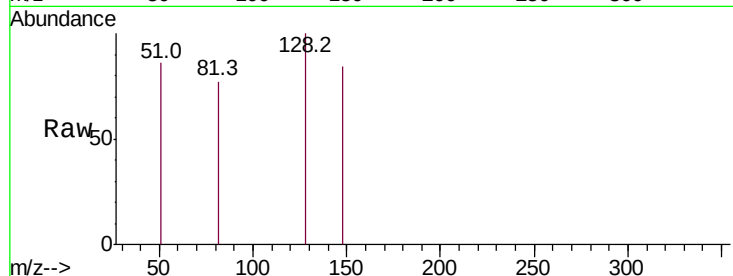




#31
Naphthalene
Concen: 0.010 ng
RT: 10.60 min Scan# 1245
Delta R.T. -0.28 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

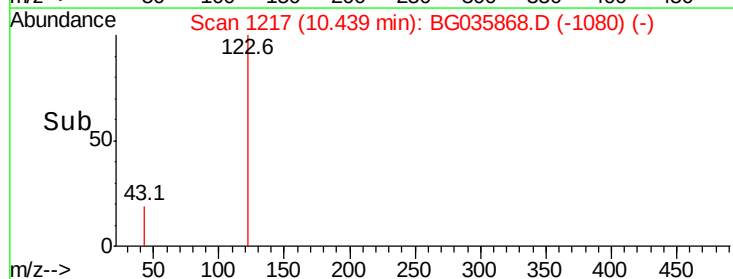
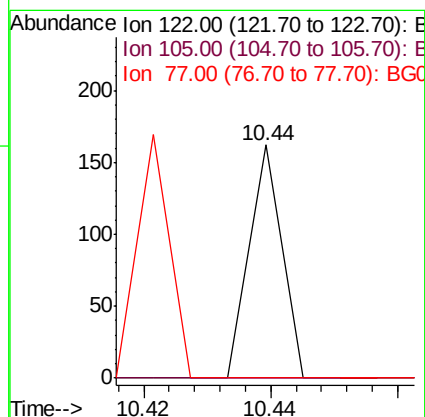
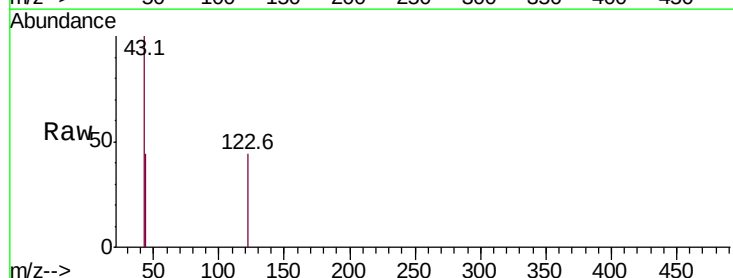
Instrument :
BNA_G
ClientSampleId :
PB111180BL

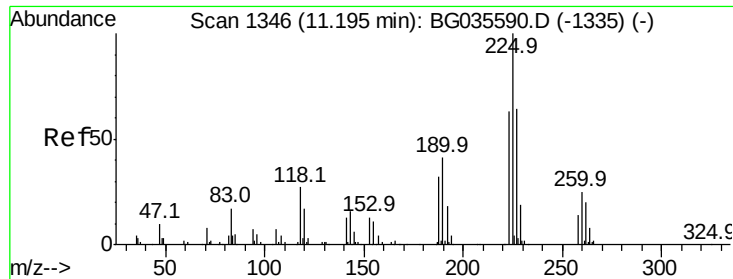
Tot Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	11.6	17.4#



#32
Benzoic acid
Concen: 0.038 ng
RT: 10.44 min Scan# 1217
Delta R.T. 0.28 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#





#34

Hexachlorobutadiene

Concen: 0.029 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.30 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

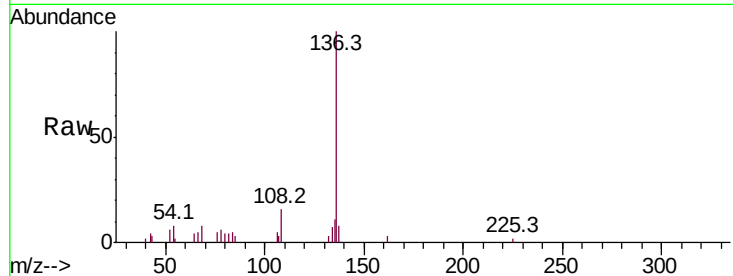
Tot Ion:225 Resp: 70

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

227 0.0 48.1 72.1#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.86

200

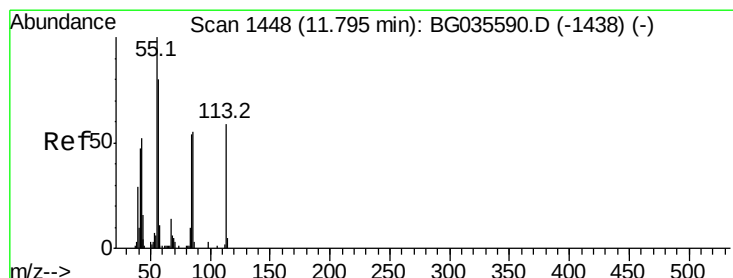
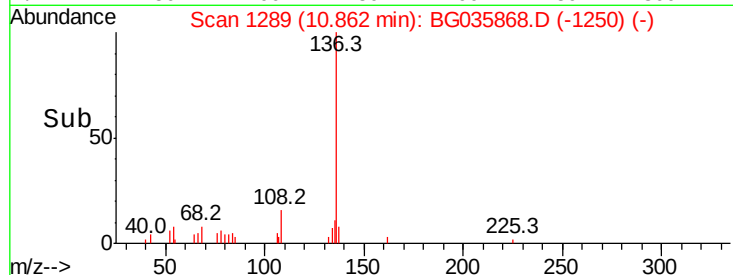
150

100

50

0

10.84 10.86 10.88



#35

Caprolactam

Concen: 0.062 ng

RT: 11.48 min Scan# 1394

Delta R.T. -0.29 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

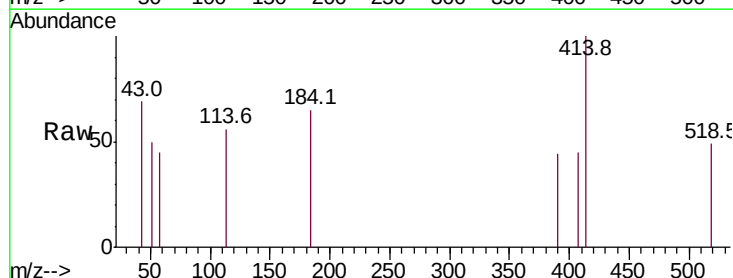
Tgt Ion:113 Resp: 68

Ion Ratio Lower Upper

113 100

55 0.0 186.9 226.9#

56 0.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

11.48

200

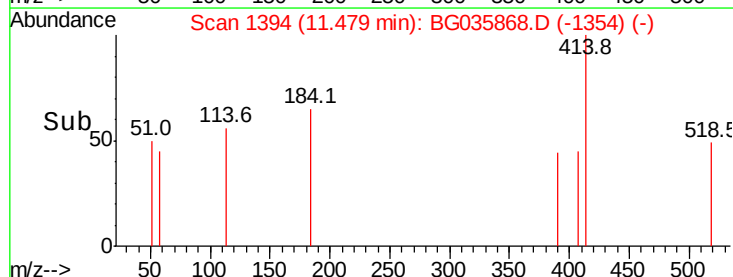
150

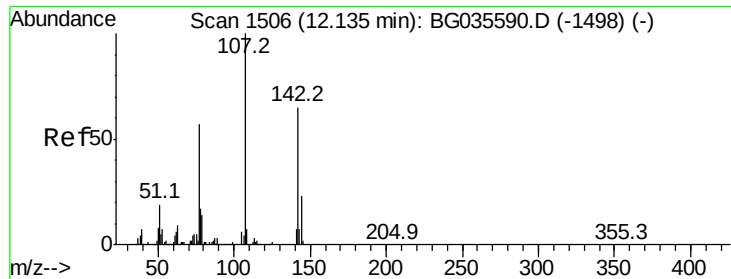
100

50

0

11.46 11.48

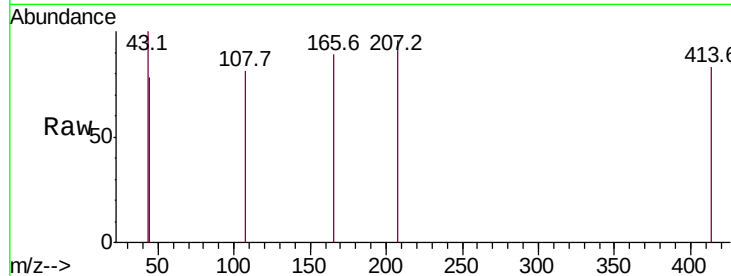




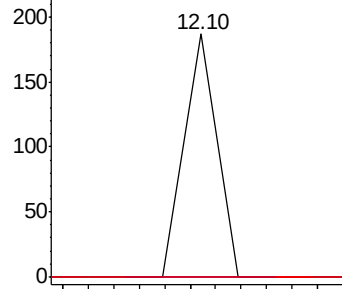
#36
 4-Chloro-3-methylphenol
 Concen: 0.019 ng
 RT: 12.10 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

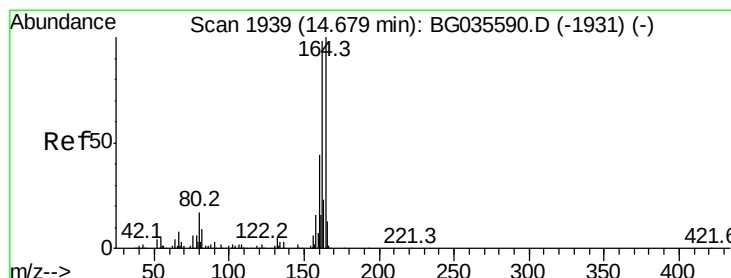
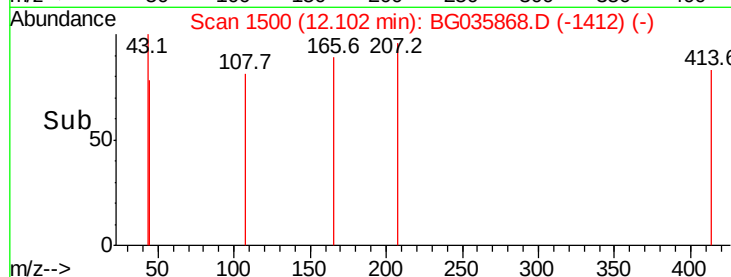
Tot Ion:107 Resp: 66
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 0.0 59.0 88.4#



Abundance Ion 107.00 (106.70 to 107.70): E
 250 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

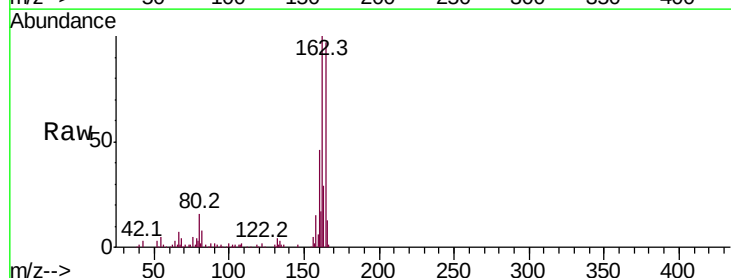


Time-->

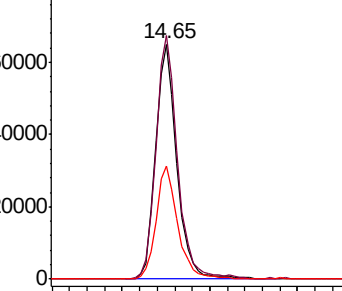


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

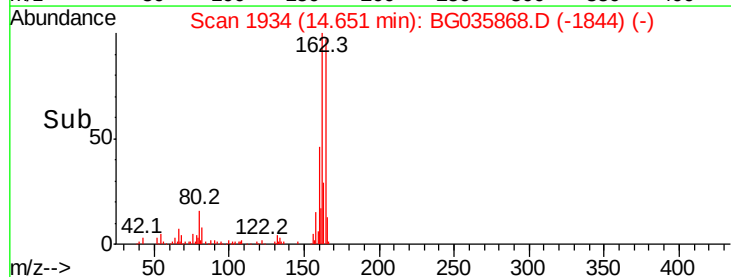
Tgt Ion:164 Resp: 108922
 Ion Ratio Lower Upper
 164 100
 162 103.6 78.8 118.2
 160 48.1 35.4 53.0

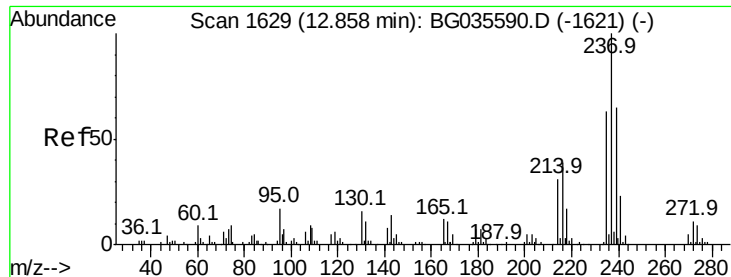


Abundance Ion 164.00 (163.70 to 164.70): E
 80000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->





#40

Hexachlorocyclopentadiene

Concen: 0.032 ng

RT: 13.10 min Scan# 1670

Delta R.T. 0.28 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

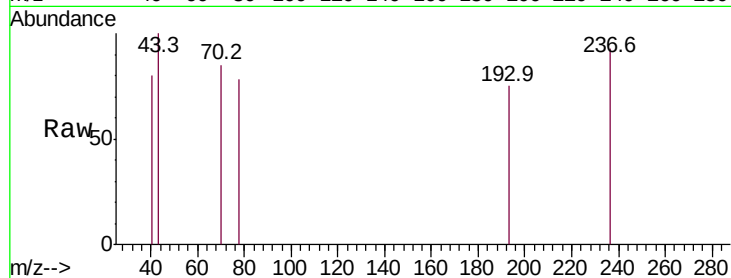
Tot Ion:237 Resp: 70

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

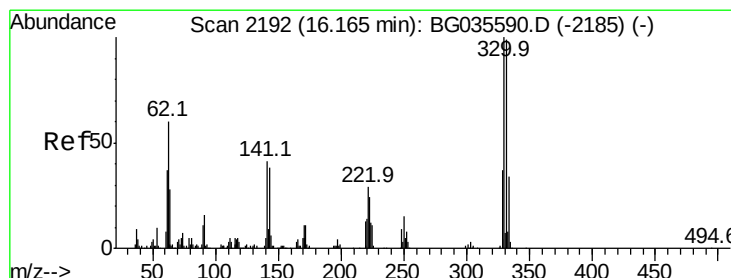
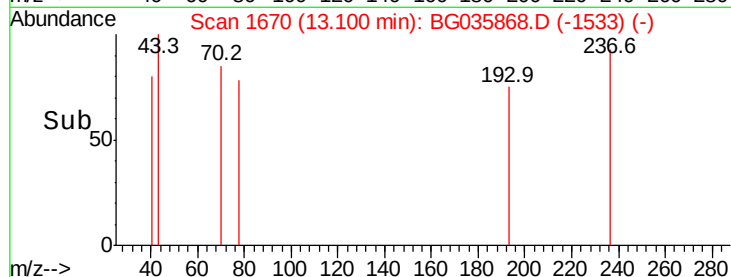
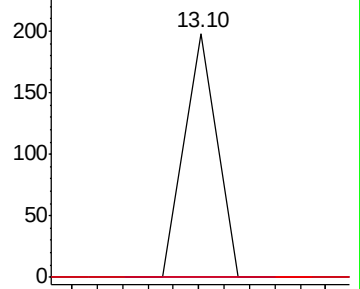
272 0.0 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 145.148 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

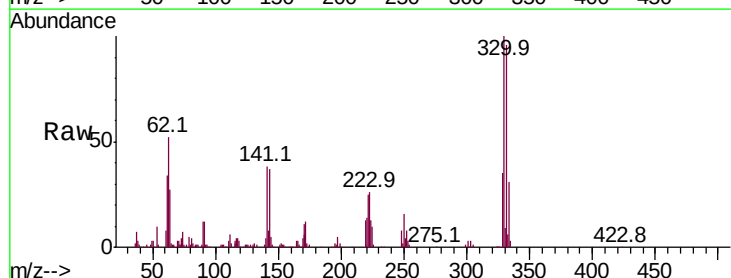
Tgt Ion:330 Resp: 208383

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

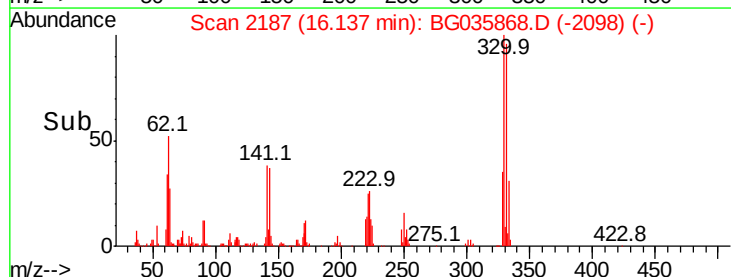
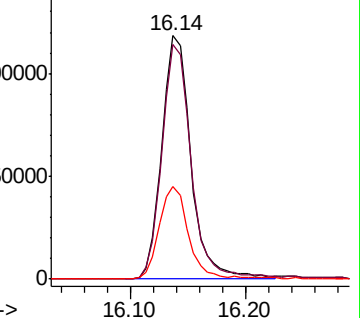
141 38.4 25.2 37.8#

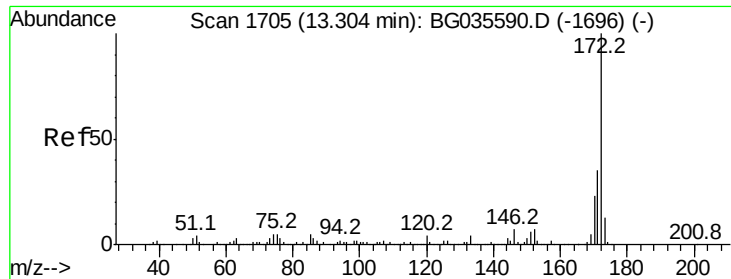


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

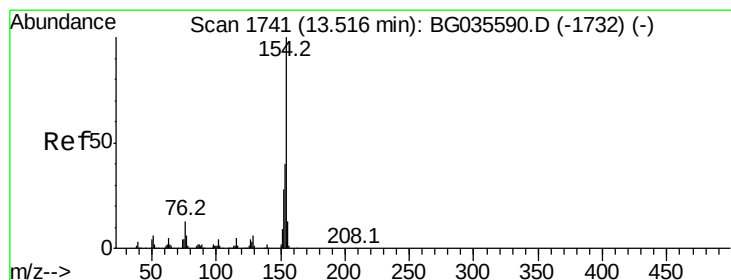
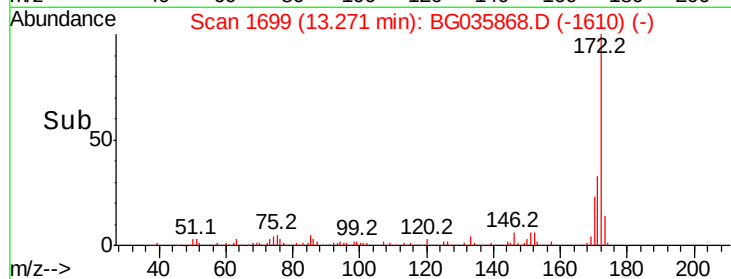
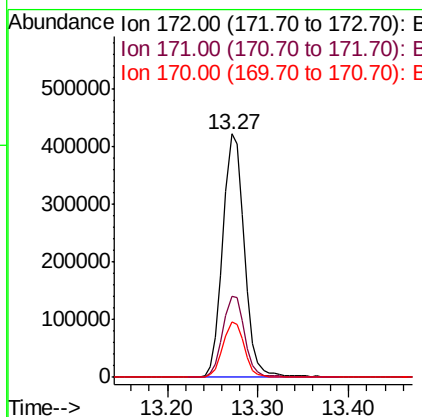
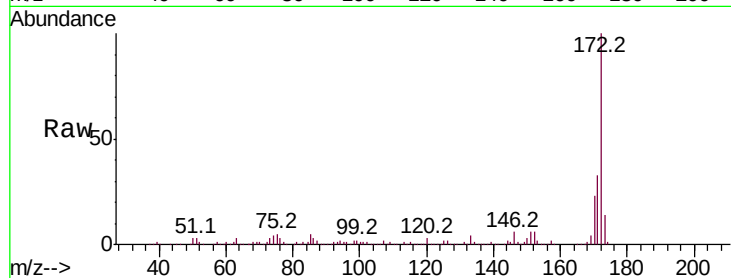




#44
2-Fluorobiphenyl
Concen: 86.337 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

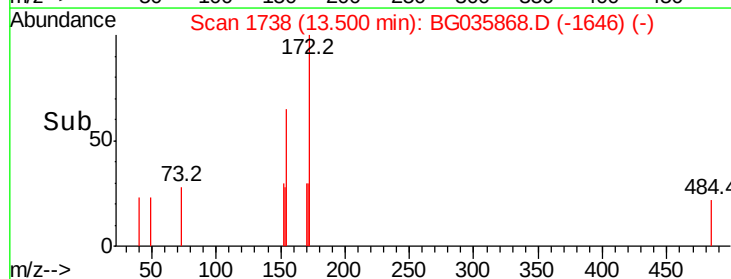
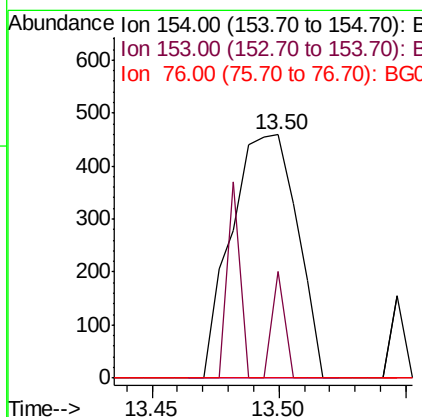
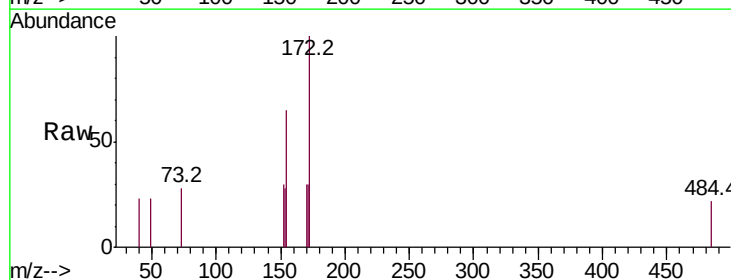
Instrument :
BNA_G
ClientSampleId :
PB111180BL

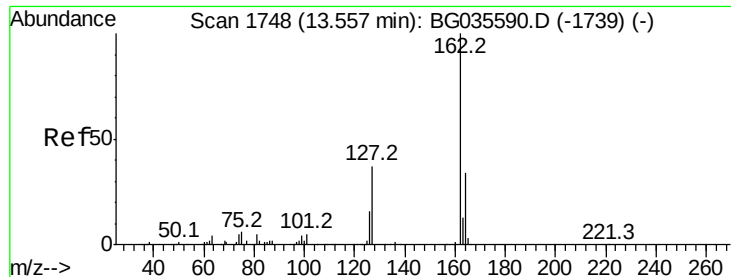
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.0	45.0
170	22.7	19.5	29.3



#45
1,1'-Biphenyl
Concen: 0.098 ng
RT: 13.50 min Scan# 1738
Delta R.T. 0.01 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	19.8	59.8
76	0.0	0.0	31.9

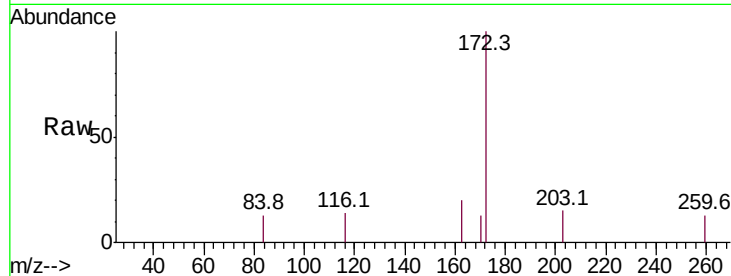




#46
 2-Chloronaphthalene
 Concen: 0.012 ng
 RT: 13.46 min Scan# 1732
 Delta R.T. -0.06 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

Tot Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.7	46.1#
164	0.0	26.0	39.0#

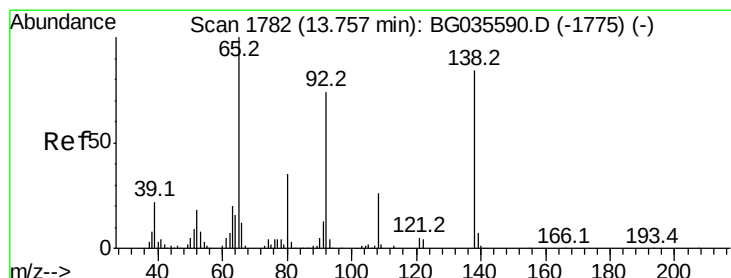
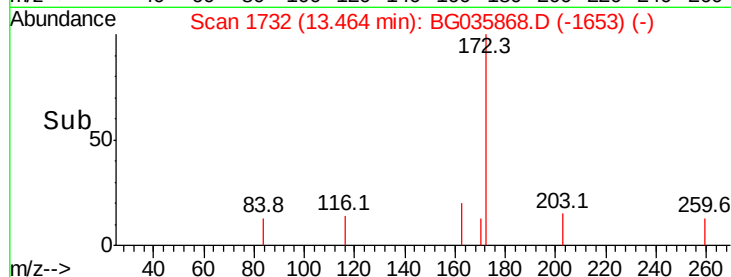
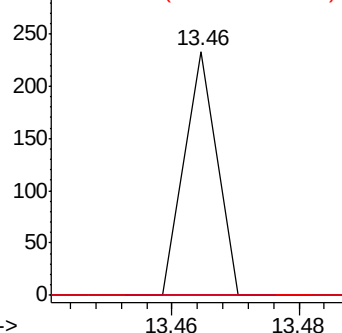


Abundance

Ion 162.00 (161.70 to 162.70): E

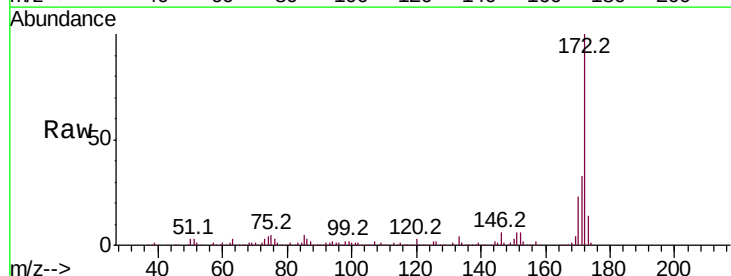
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47
 2-Nitroaniline
 Concen: 0.349 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.46 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	350.6	54.6	82.0#
138	25.4	72.9	109.3#

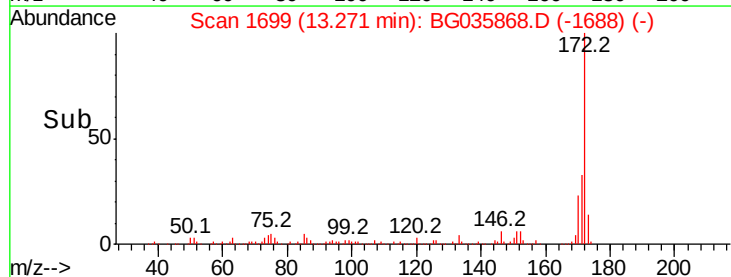
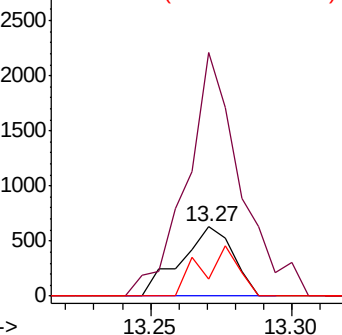


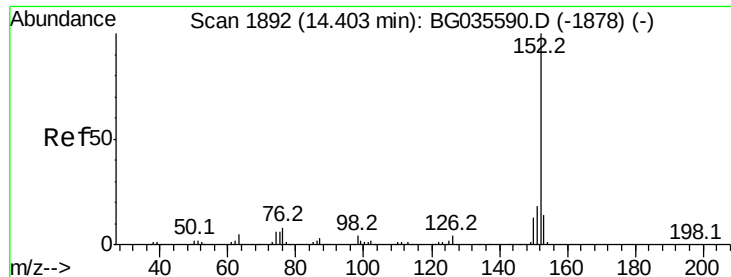
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.006 ng

RT: 14.38 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

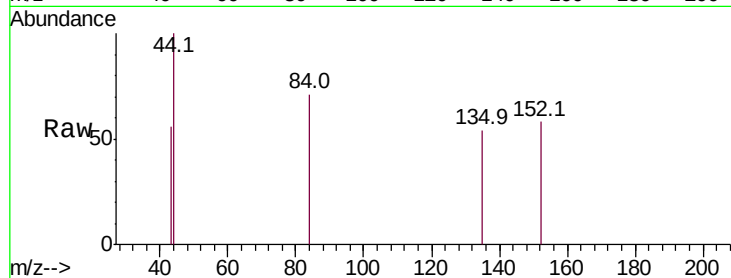
Tot Ion:152 Resp: 62

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

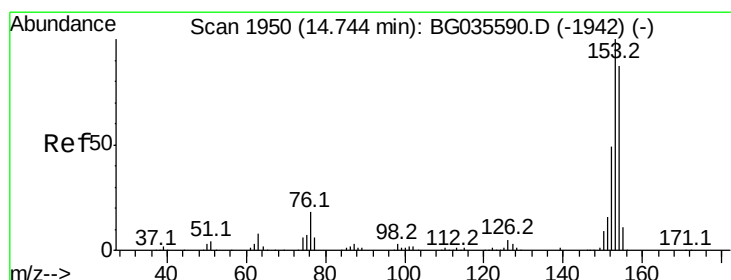
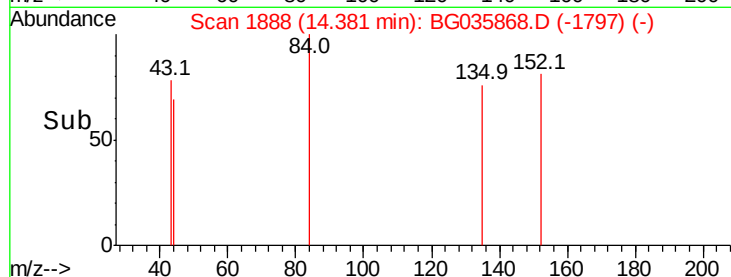
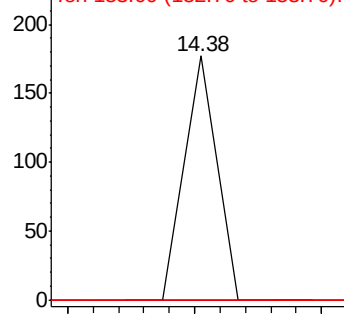
153 0.0 10.2 15.4#



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

Acenaphthene

Concen: 0.076 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

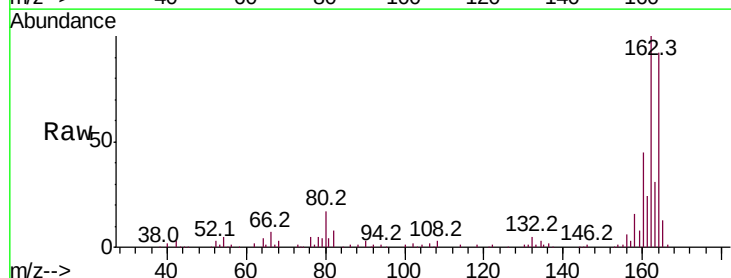
Tgt Ion:154 Resp: 520

Ion Ratio Lower Upper

154 100

153 35.5 90.4 135.6#

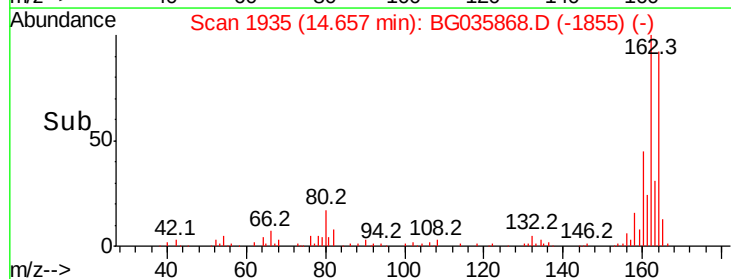
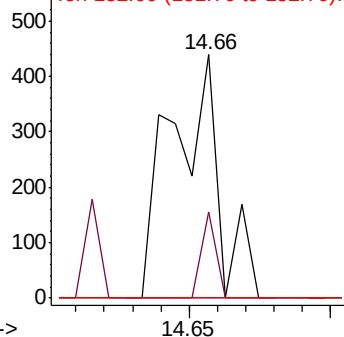
152 0.0 41.6 62.4#

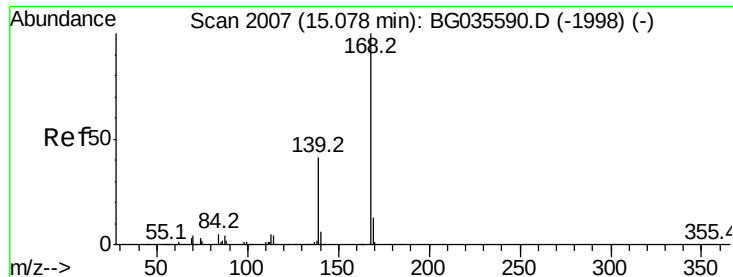


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.008 ng

RT: 15.13 min Scan# 2015

Delta R.T. 0.08 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

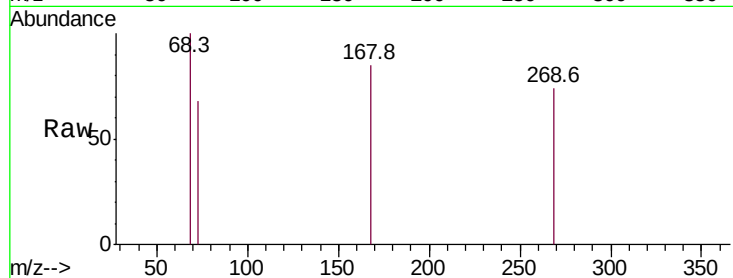
Tot Ion:168 Resp: 84

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

169 0.0 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.13

250

200

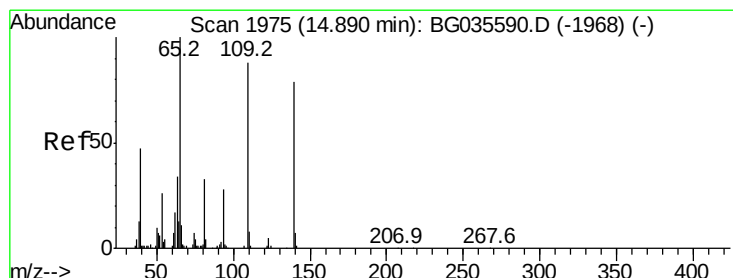
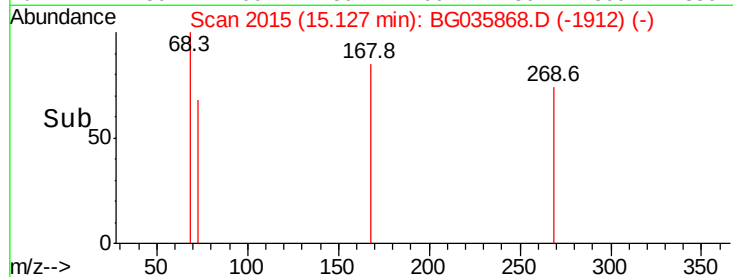
150

100

50

0

Time-->



#55

4-Nitrophenol

Concen: 0.040 ng

RT: 14.62 min Scan# 1928

Delta R.T. -0.26 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

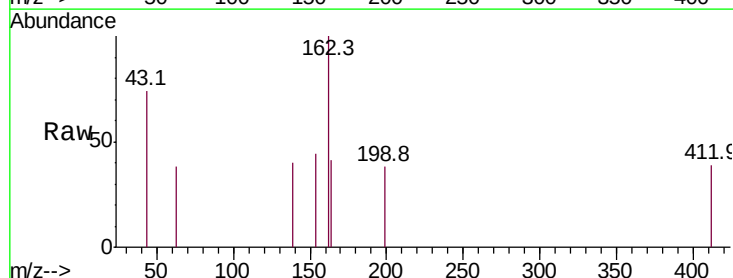
Tgt Ion:139 Resp: 57

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

65 0.0 97.2 137.2#



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): BG

14.62

200

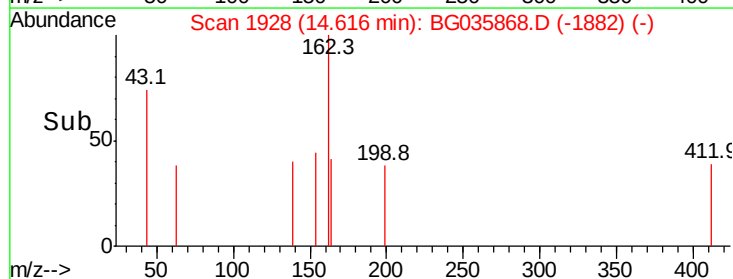
150

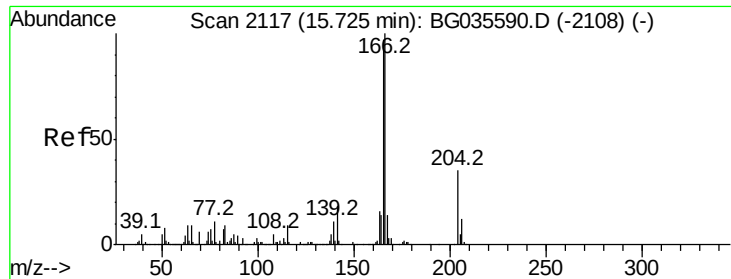
100

50

0

Time-->





#57

Fluorene

Concen: 0.751 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.45 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

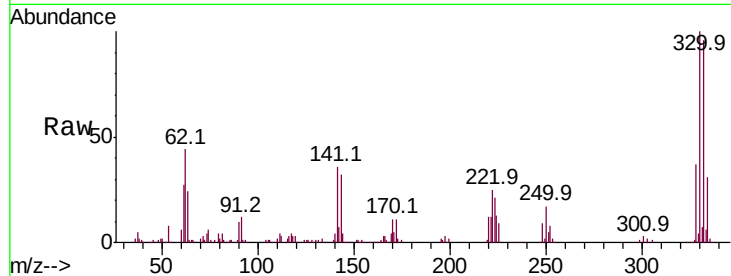
Tot Ion:166 Resp: 6859

Ion Ratio Lower Upper

166 100

165 90.0 80.6 121.0

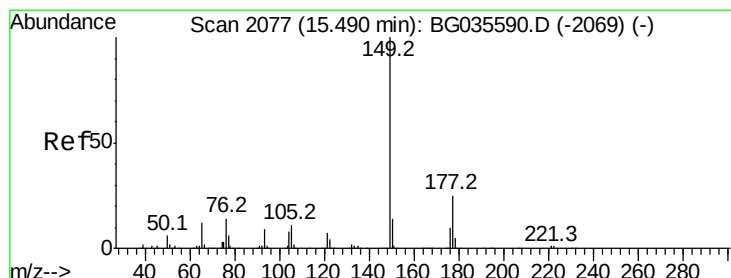
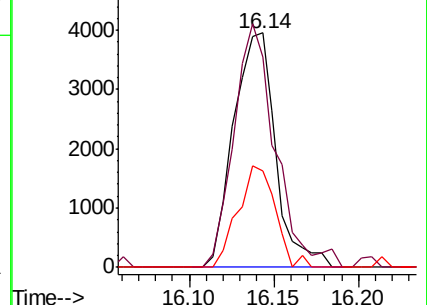
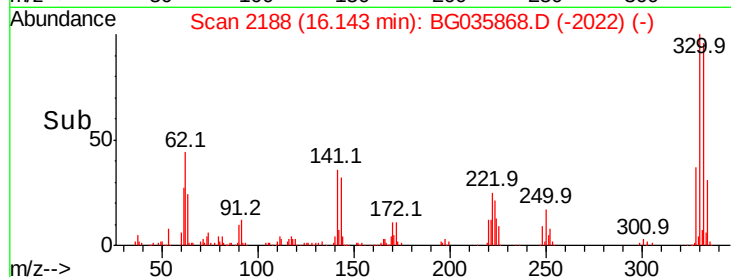
167 41.2 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.008 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

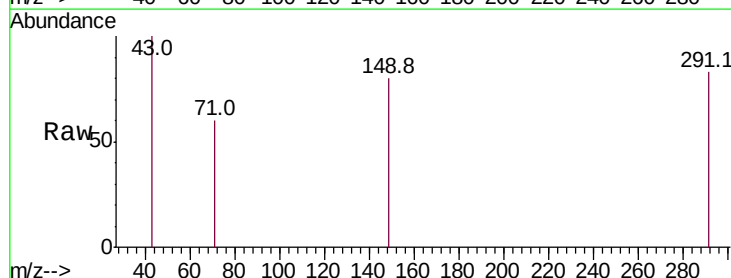
Tgt Ion:149 Resp: 80

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

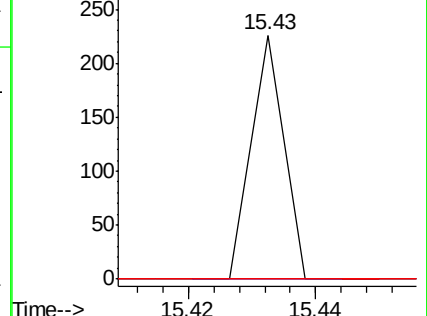
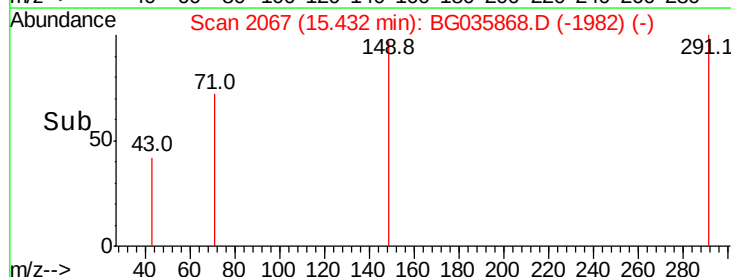
150 0.0 10.2 15.2#

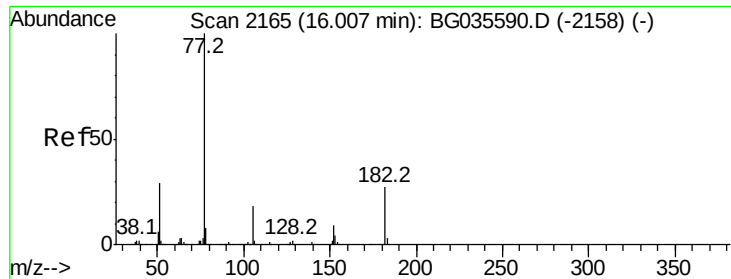


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.007 ng

RT: 15.99 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

Tot Ion: 77 Resp: 68

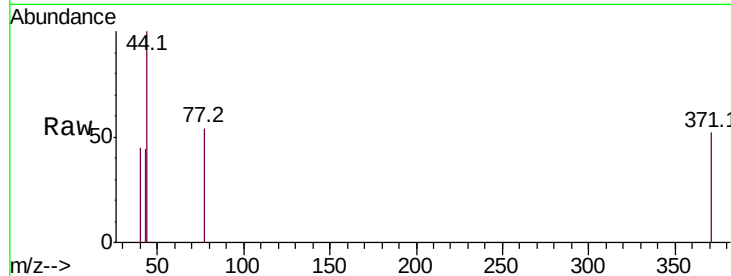
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#

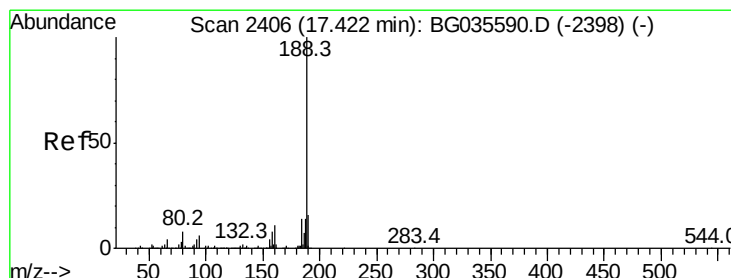
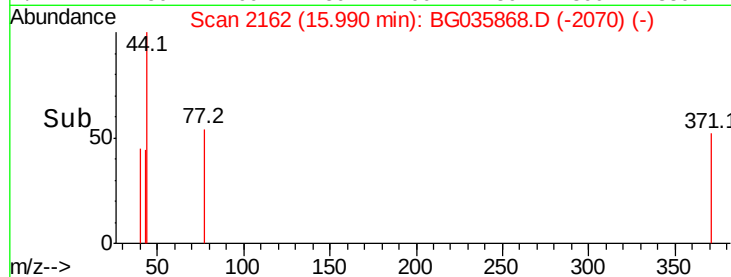
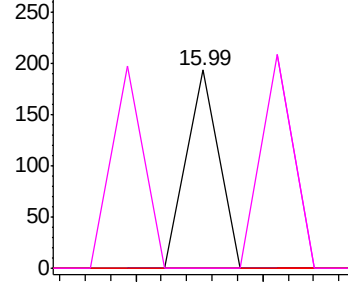


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

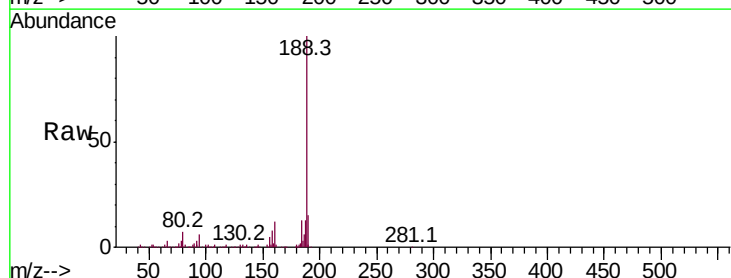
Tgt Ion: 188 Resp: 318343

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

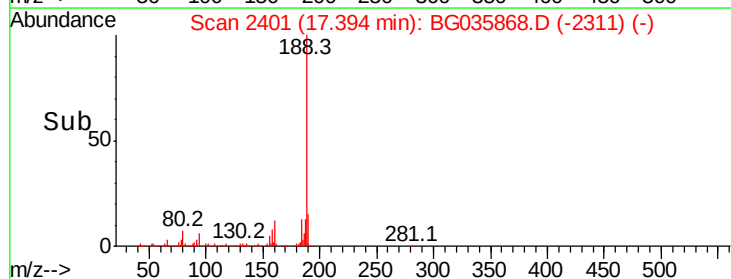
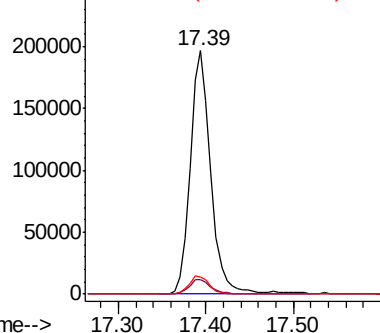
80 6.8 7.7 11.5#

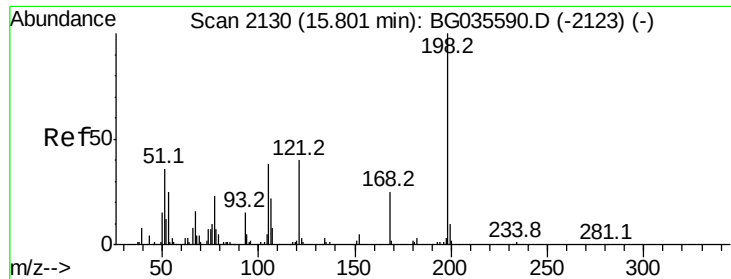


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

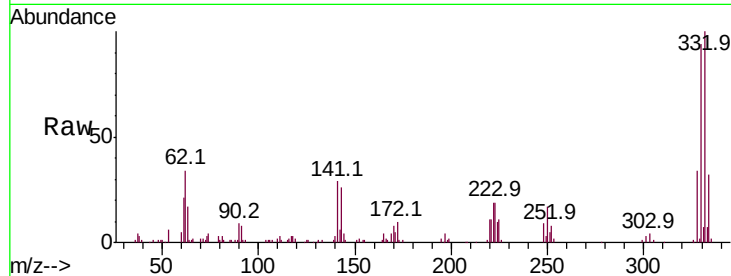




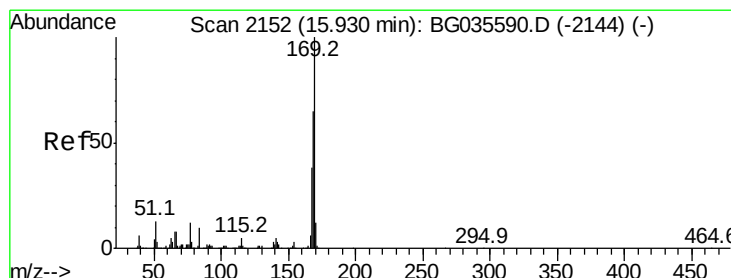
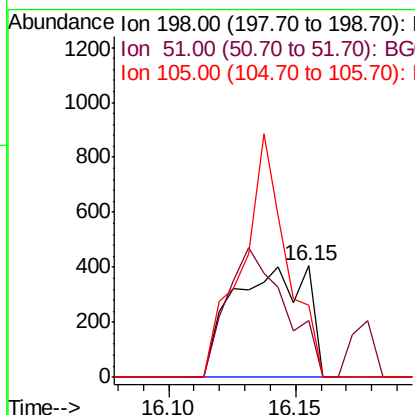
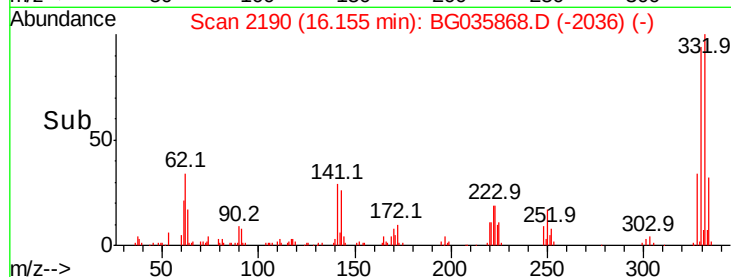
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.457 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. 0.38 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

Tot Ion:198 Resp: 810
 Ion Ratio Lower Upper
 198 100
 51 50.4 30.6 70.6
 105 64.2 23.8 63.8#

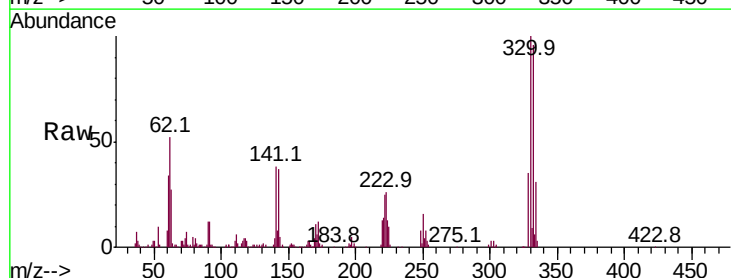


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

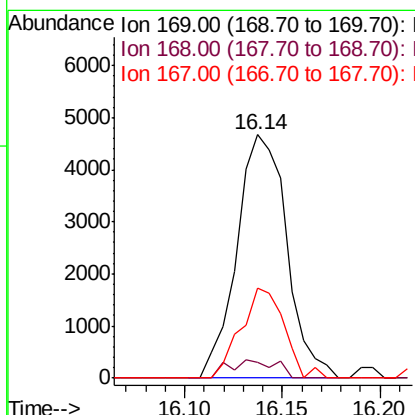
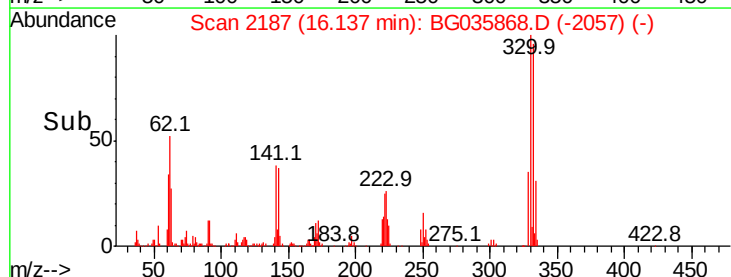


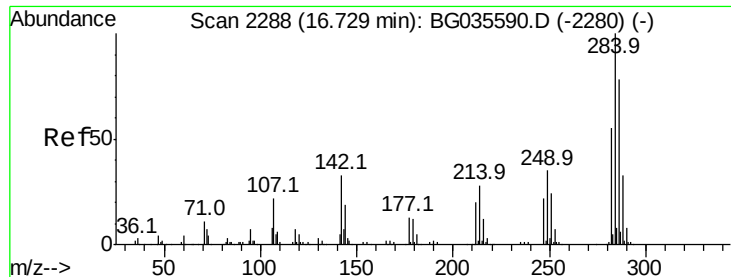
#65
 n-Nitrosodiphenylamine
 Concen: 0.911 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. 0.24 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Tgt Ion:169 Resp: 8255
 Ion Ratio Lower Upper
 169 100
 168 6.4 55.7 83.5#
 167 36.8 30.1 45.1



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

Hexachlorobenzene

Concen: 0.016 ng

RT: 16.40 min Scan# 2232

Delta R.T. -0.30 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

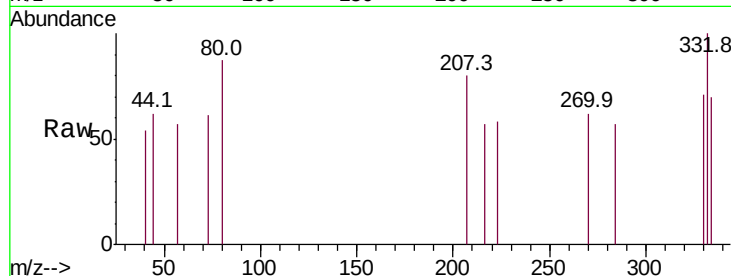
Tot Ion:284 Resp: 59

Ion Ratio Lower Upper

284 100

142 0.0 26.8 40.2#

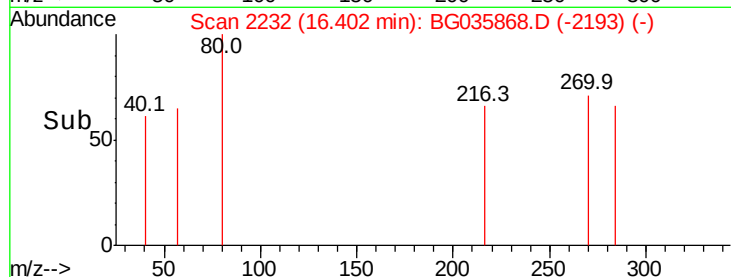
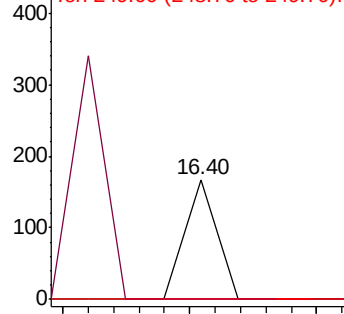
249 0.0 26.3 39.5#



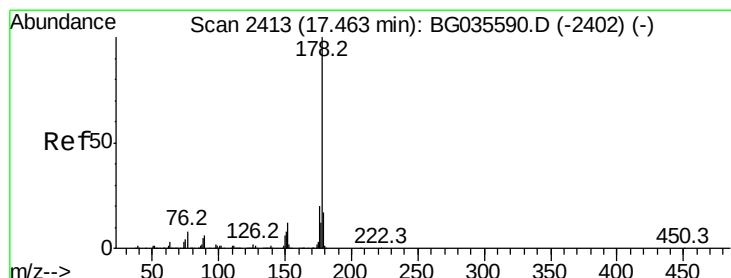
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#70

Phenanthrene

Concen: 0.013 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

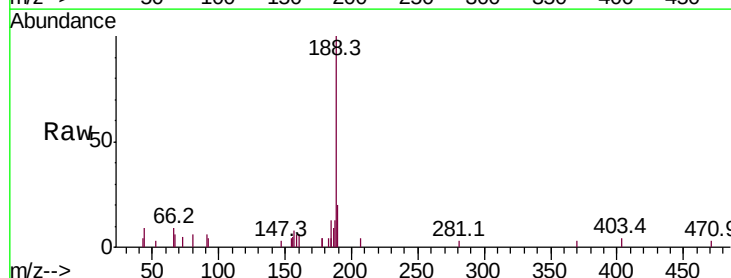
Tgt Ion:178 Resp: 205

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

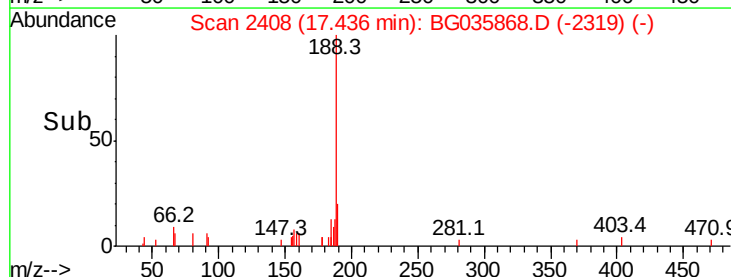
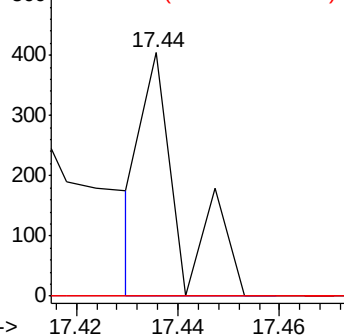
179 0.0 12.5 18.7#

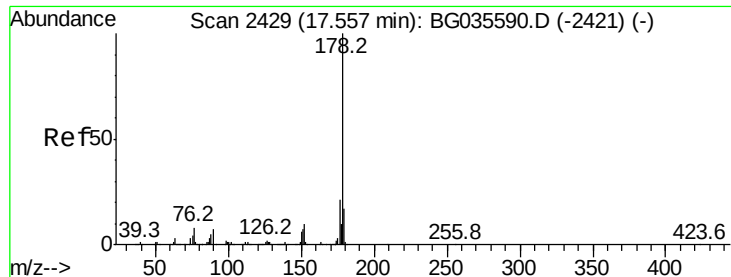


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

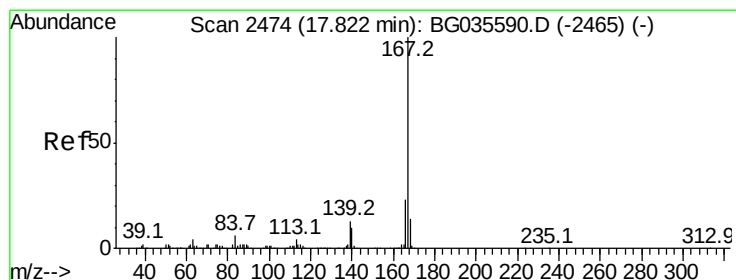
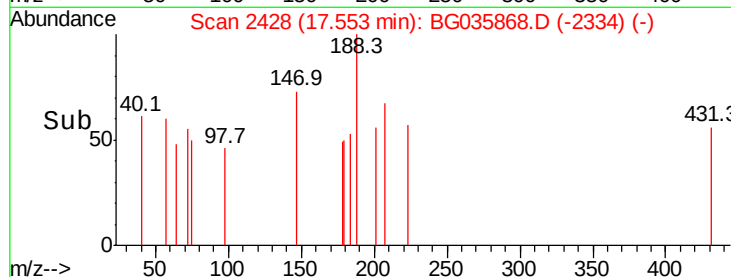
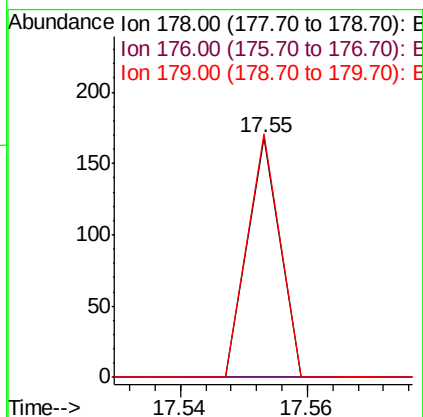
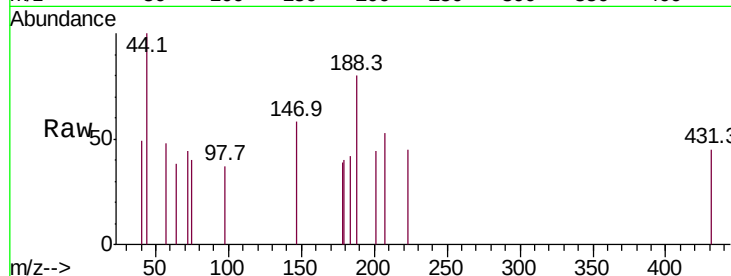




#71
 Anthracene
 Concen: 0.004 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. 0.02 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

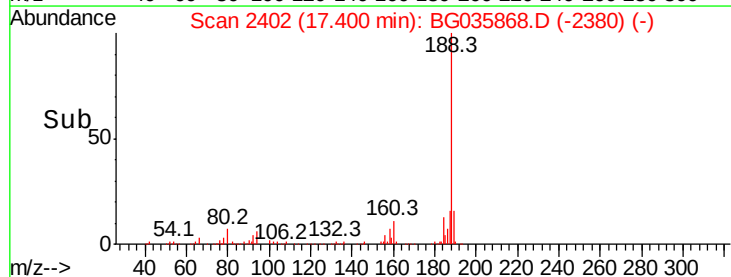
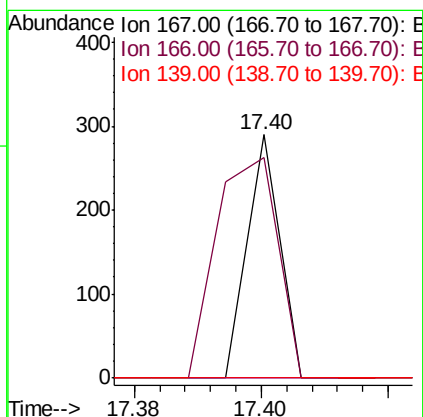
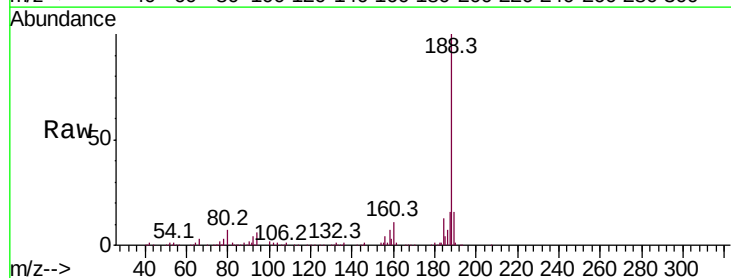
Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

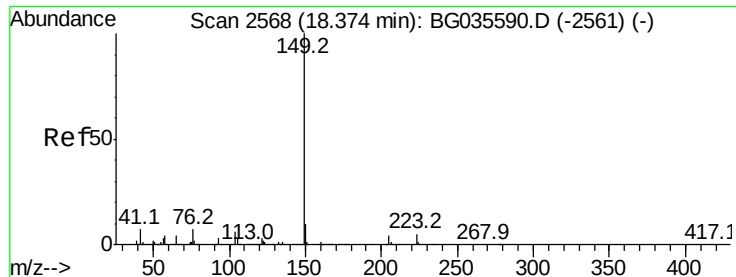
Tot Ion:178 Resp: 59
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 101.8 12.5 18.7#



#72
 Carbazole
 Concen: 0.007 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.40 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Tgt Ion:167 Resp: 102
 Ion Ratio Lower Upper
 167 100
 166 90.3 18.2 27.4#
 139 0.0 9.4 14.2#

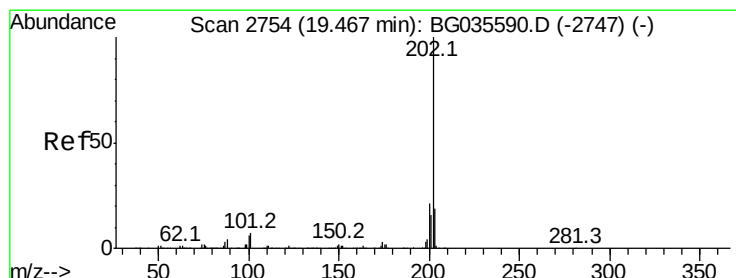
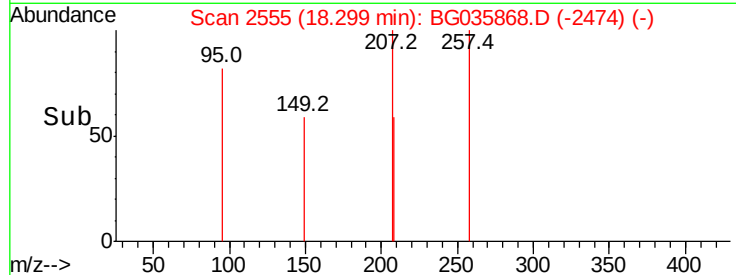
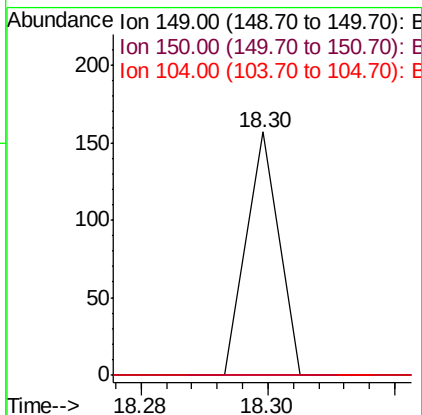
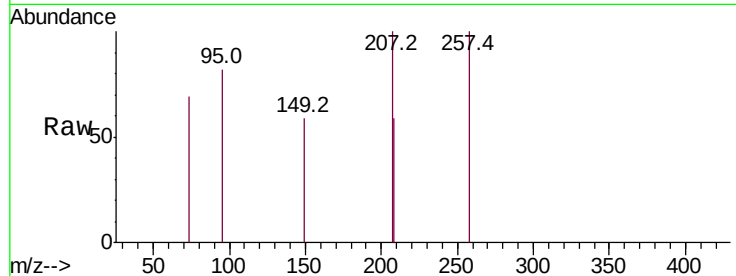




#73
Di-n-butylphthalate
Concen: 0.003 ng
RT: 18.30 min Scan# 2555
Delta R.T. -0.05 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

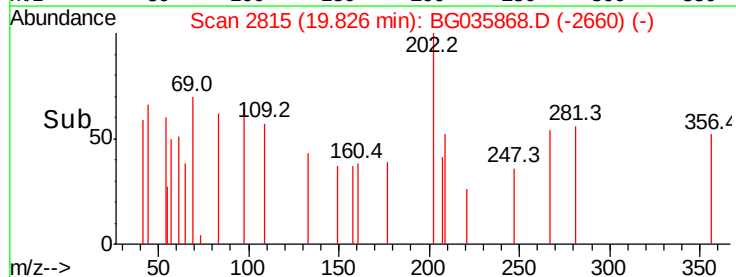
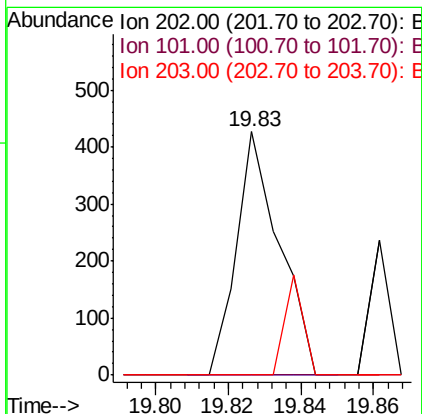
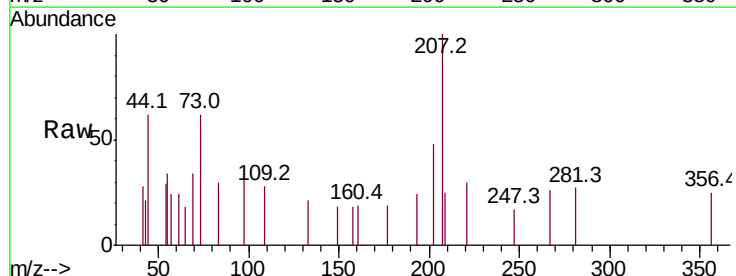
Instrument :
BNA_G
ClientSampleId :
PB111180BL

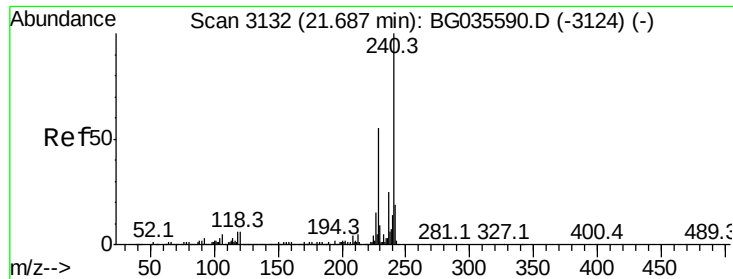
Tot Ion:149 Resp: 55
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.6#
104 0.0 3.9 5.9#



#74
Fluoranthene
Concen: 0.017 ng
RT: 19.83 min Scan# 2815
Delta R.T. 0.38 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Tgt Ion:202 Resp: 354
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.9
203 0.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

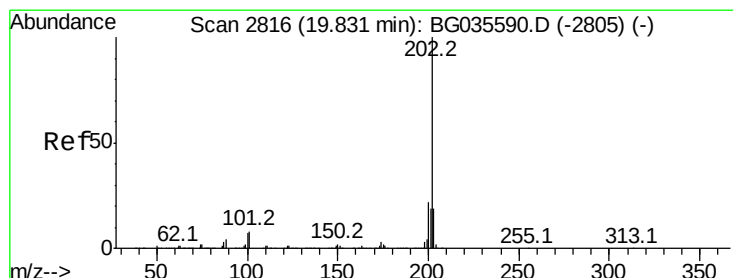
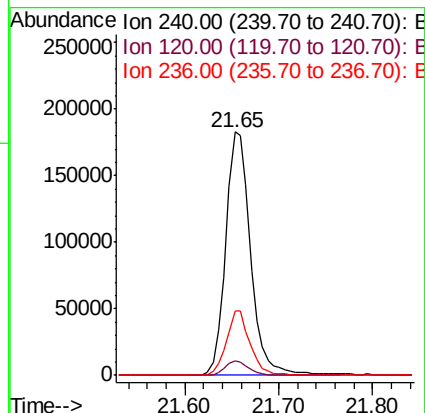
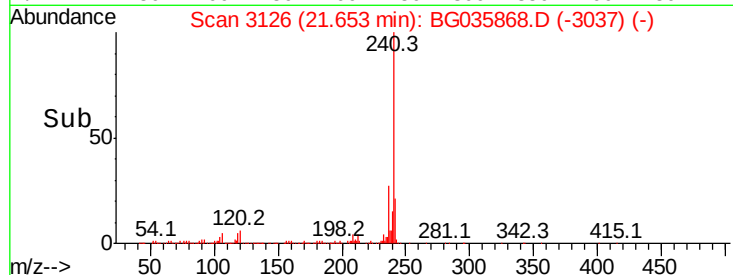
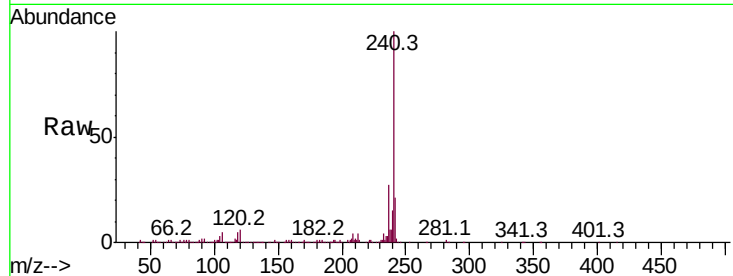
Tot Ion:240 Resp: 335677

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

236 26.7 20.9 31.3



#77

Pyrene

Concen: 0.017 ng

RT: 19.83 min Scan# 2815

Delta R.T. 0.02 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

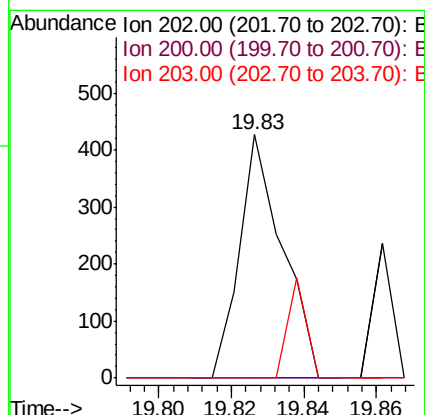
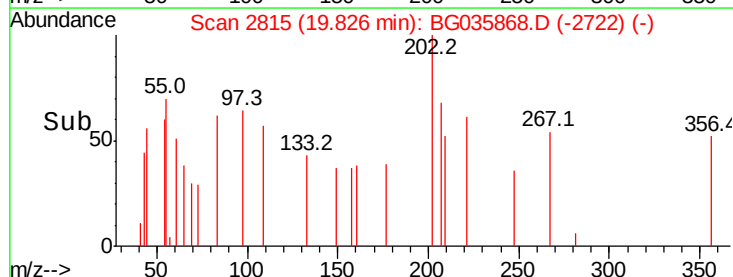
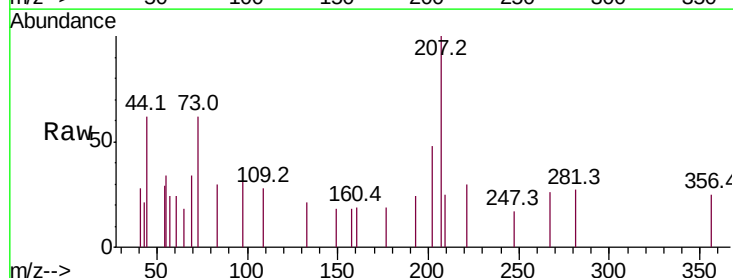
Tgt Ion:202 Resp: 354

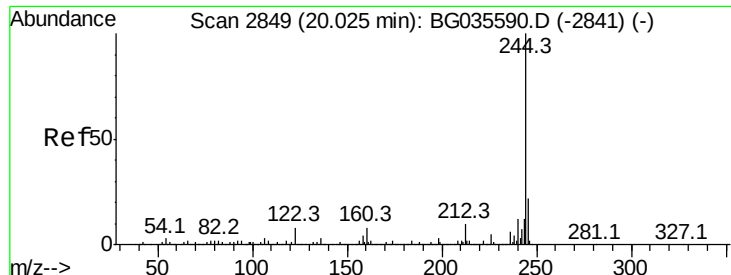
Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

203 0.0 13.9 20.9#





#78

Terphenyl-d14

Concen: 88.953 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampled :

PB111180BL

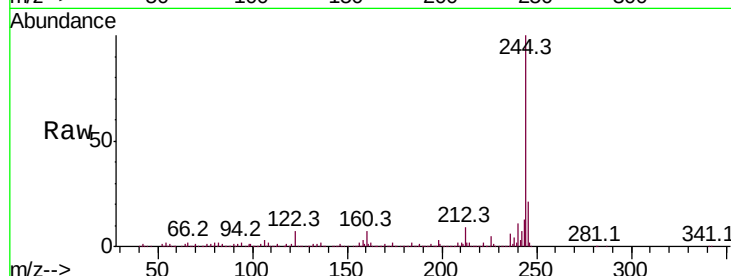
Tot Ion:244 Resp: 1354605

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

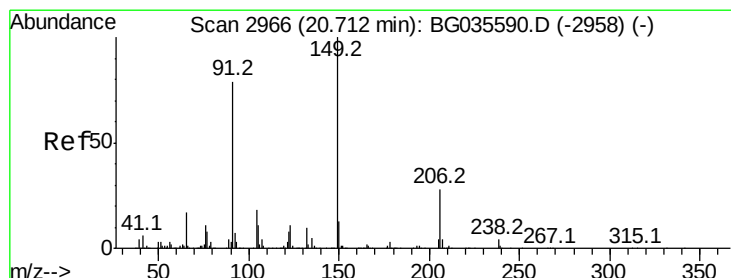
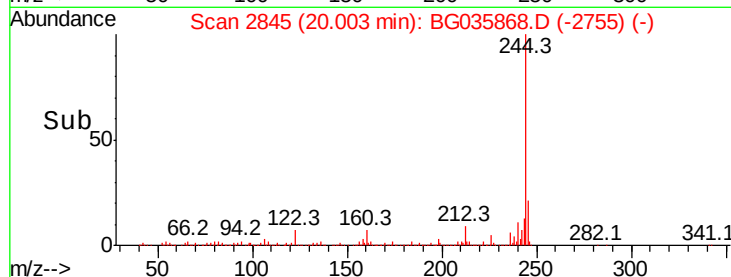
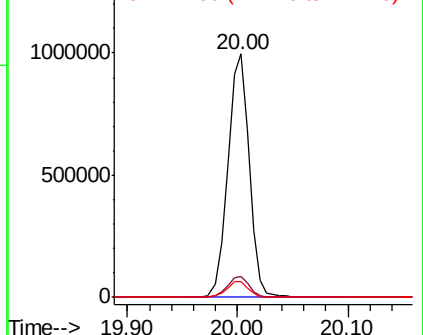
122 6.7 7.0 10.4#



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



#79

Butylbenzylphthalate

Concen: 0.033 ng

RT: 20.70 min Scan# 2963

Delta R.T. 0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

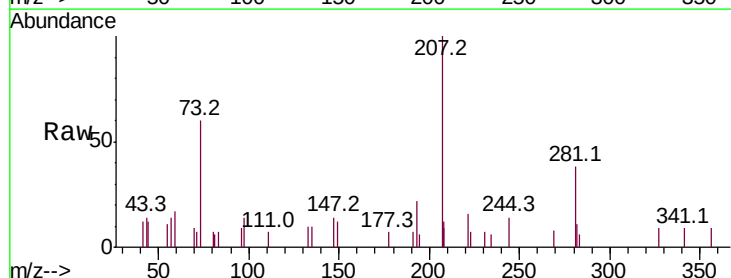
Tgt Ion:149 Resp: 249

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

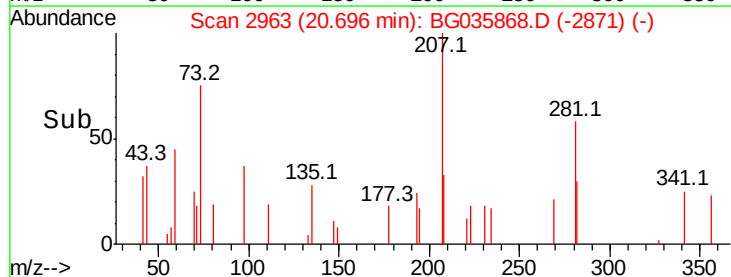
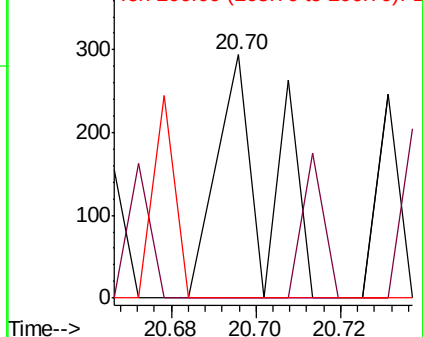
206 0.0 18.6 27.8#

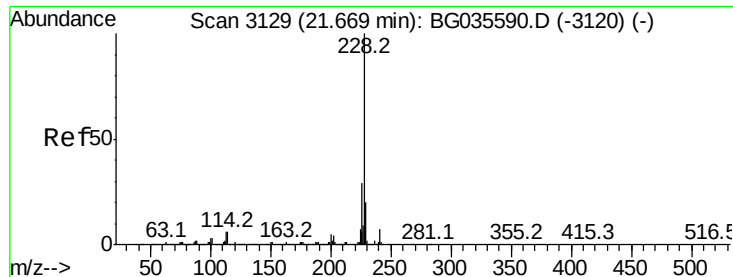


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.060 ng

RT: 21.67 min Scan# 3128

Delta R.T. 0.02 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

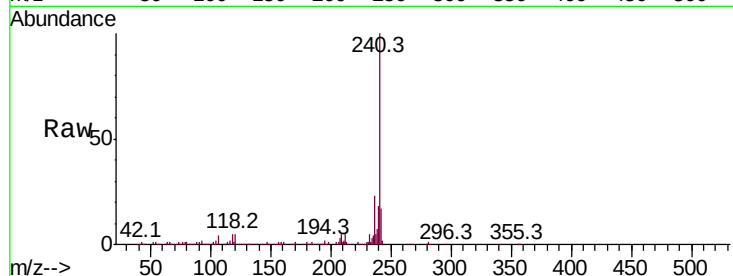
Tot Ion:228 Resp: 1260

Ion Ratio Lower Upper

228 100

226 29.1 22.7 34.1

229 60.4 16.2 24.2#

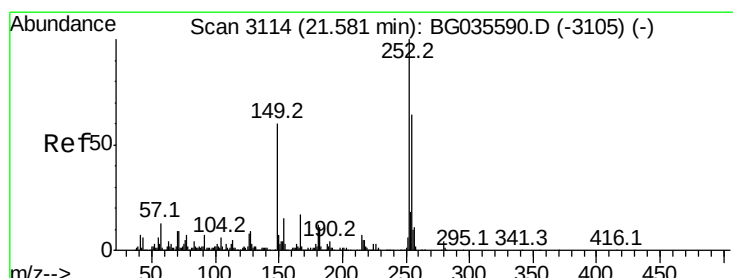
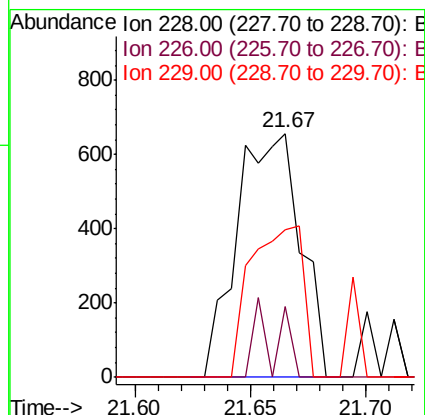
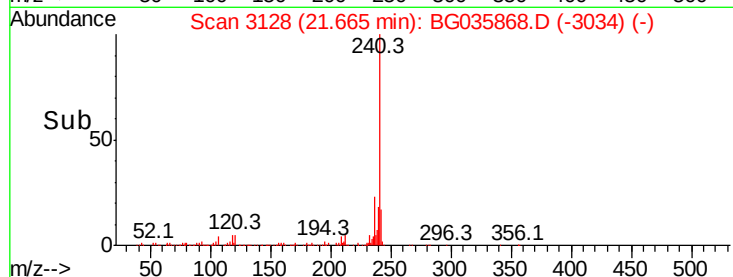


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.67



#81

3,3'-Dichlorobenzidine

Concen: 0.016 ng

RT: 21.58 min Scan# 3113

Delta R.T. 0.02 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

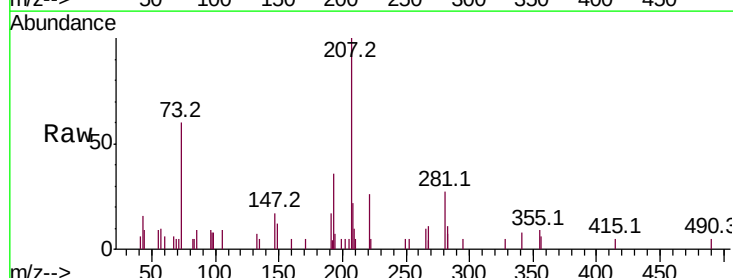
Tgt Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

126 0.0 7.4 11.2#

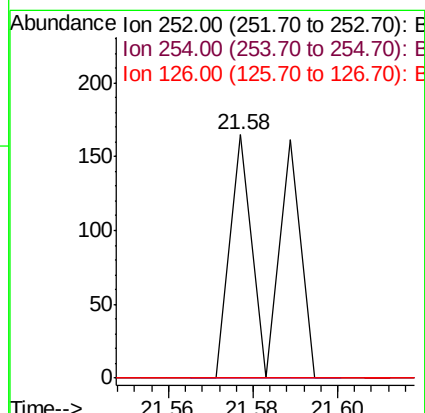
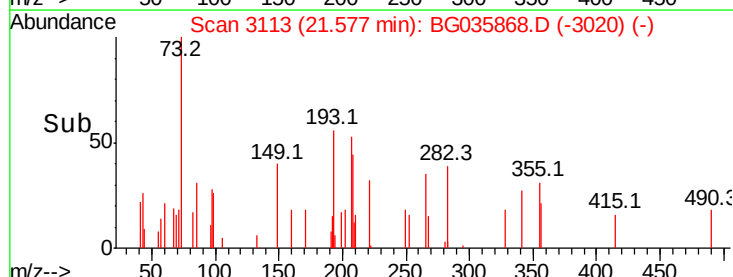


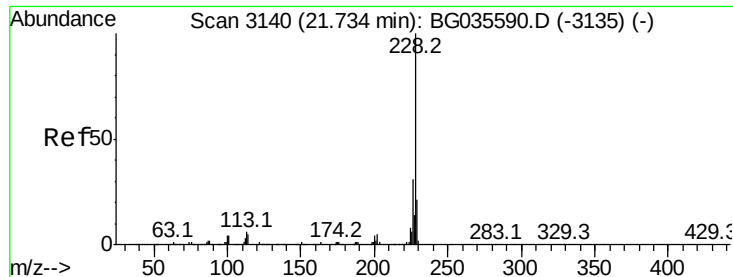
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.58

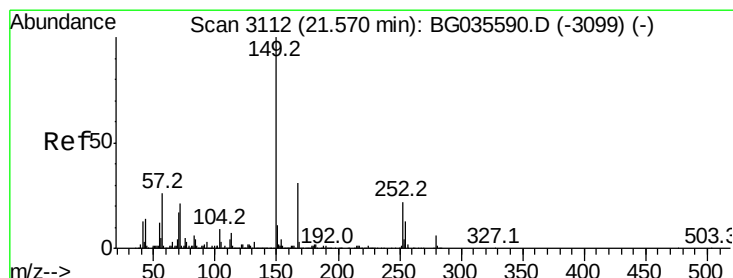
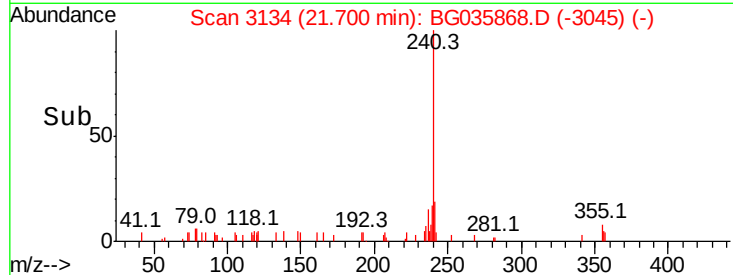
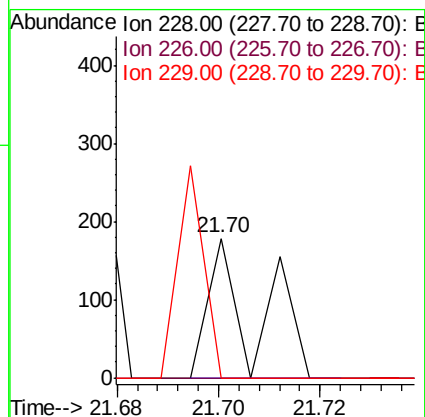
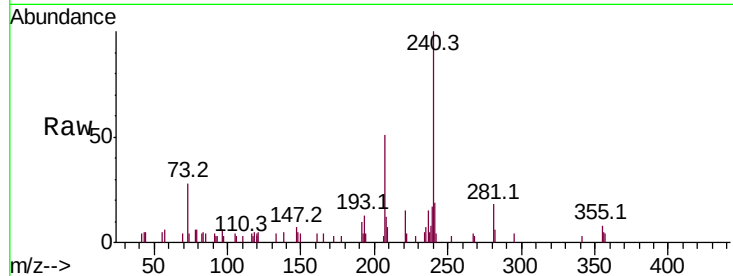




#82
 Chrysene
 Concen: 0.006 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

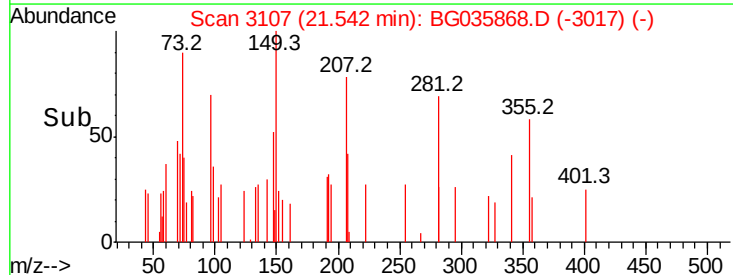
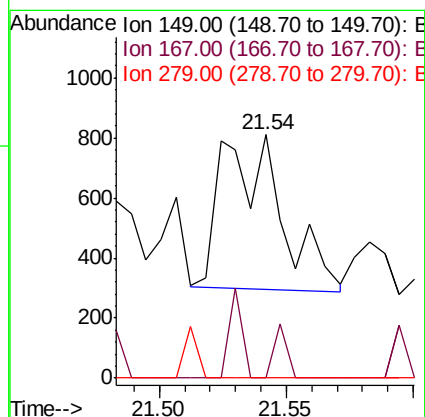
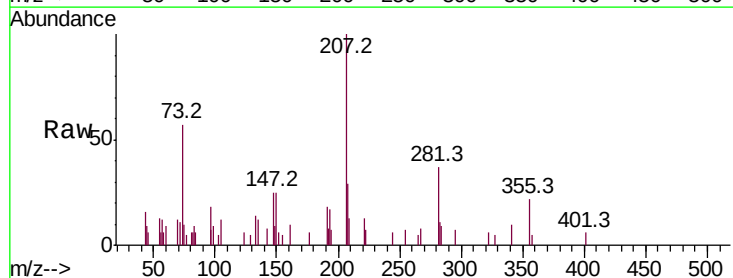
Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

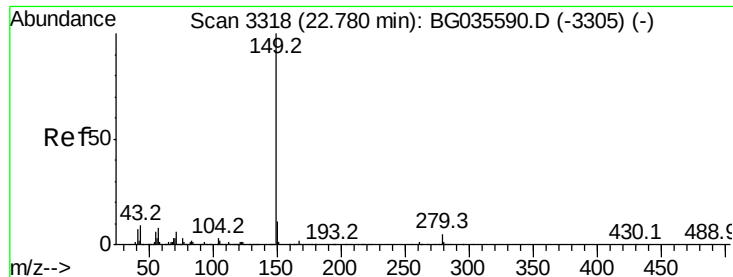
Tot Ion:228	Resp:	117
Ion	Ratio	Lower Upper
228	100	
226	0.0	24.9 37.3#
229	0.0	15.0 22.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.081 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Tgt Ion:149	Resp:	838
Ion	Ratio	Lower Upper
149	100	
167	0.0	24.3 36.5#
279	0.0	4.0 6.0#





#84

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.75 min Scan# 3313

Delta R.T. 0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

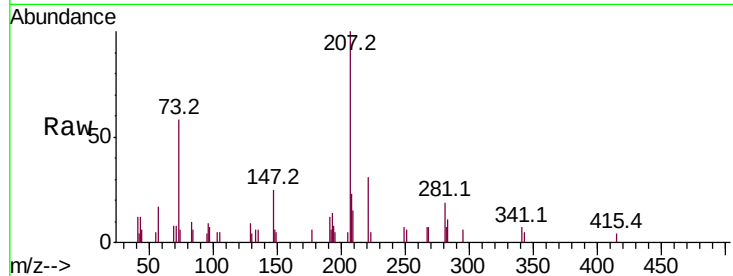
Tot Ion:149 Resp: 67

Ion Ratio Lower Upper

149 100

167 98.5 1.4 2.0#

43 449.3 8.9 13.3#



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

800

600

400

200

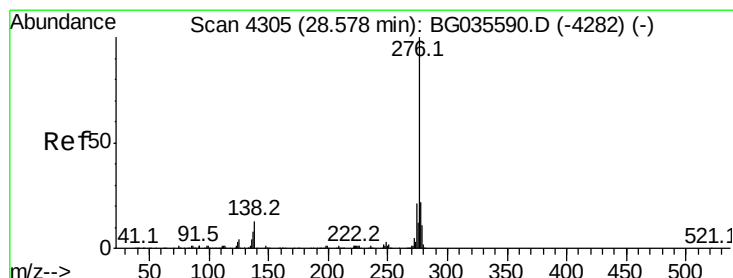
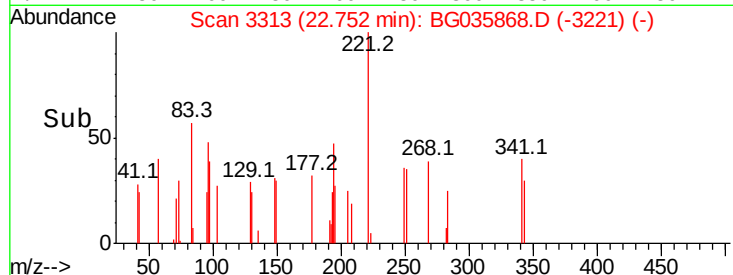
0

22.74

22.75

22.76

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 28.22 min Scan# 4243

Delta R.T. -0.29 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

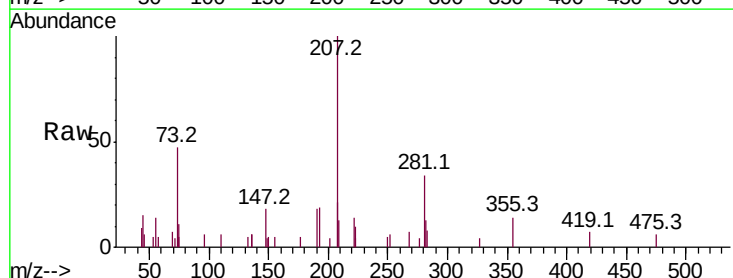
Tgt Ion:276 Resp: 55

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 0.0 20.0 30.0#



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

200

150

100

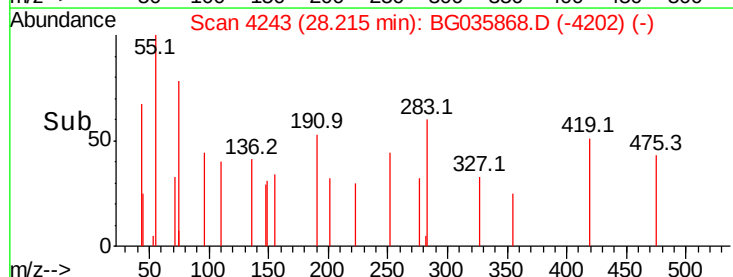
50

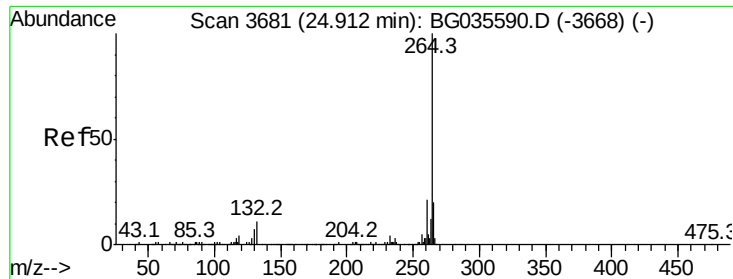
0

28.20

28.22

Time-->





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

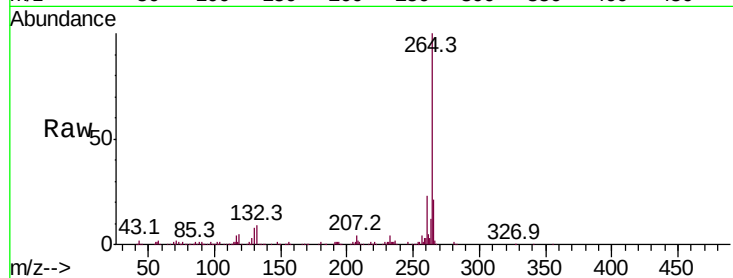
Tot Ion:264 Resp: 318472

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

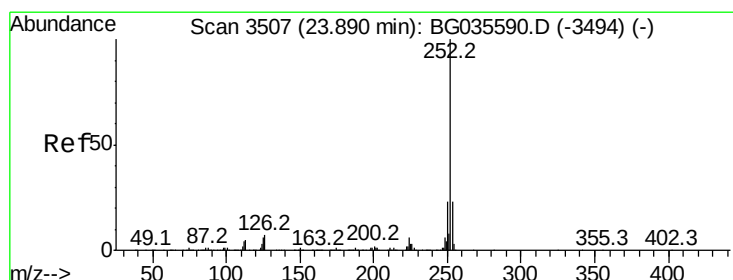
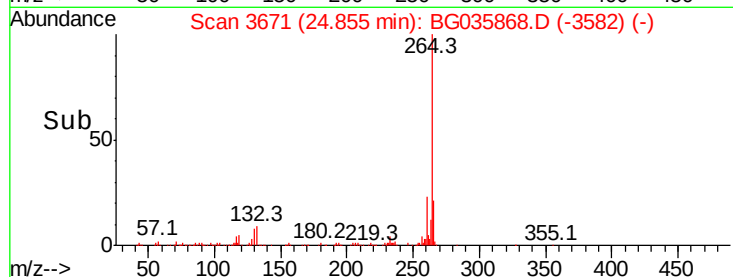
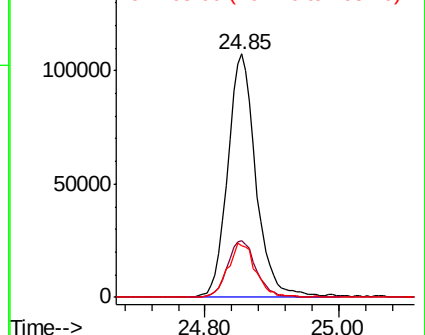
265 21.1 17.7 26.5



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



#87

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

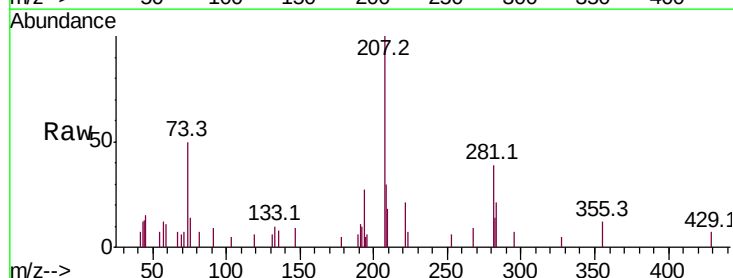
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

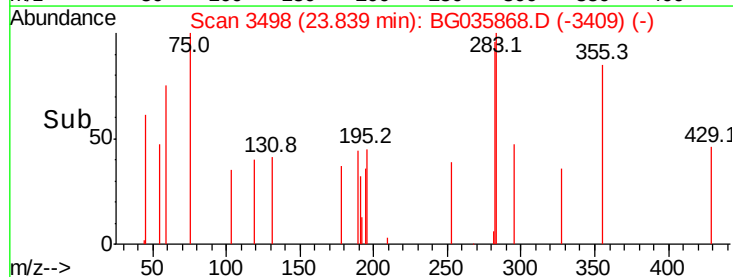
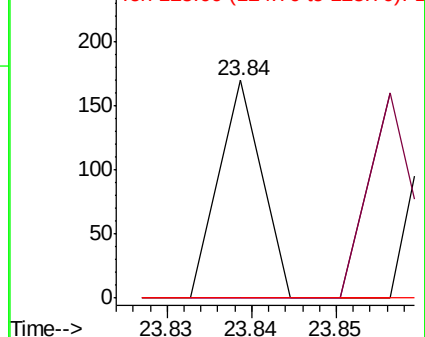
125 0.0 7.2 10.8#

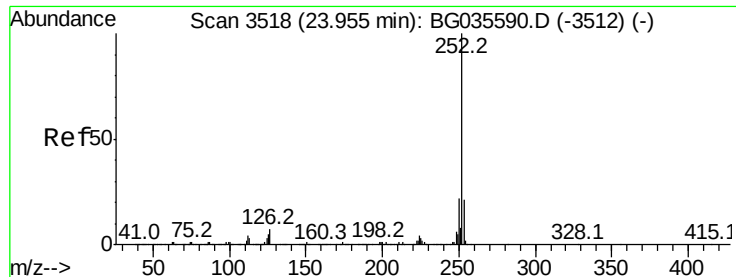


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

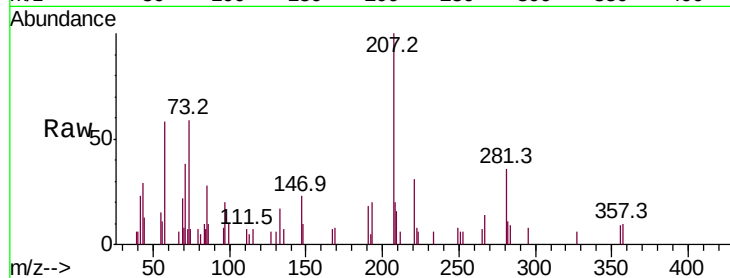
Tot Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

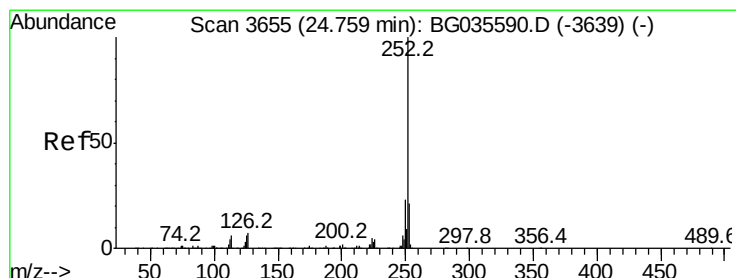
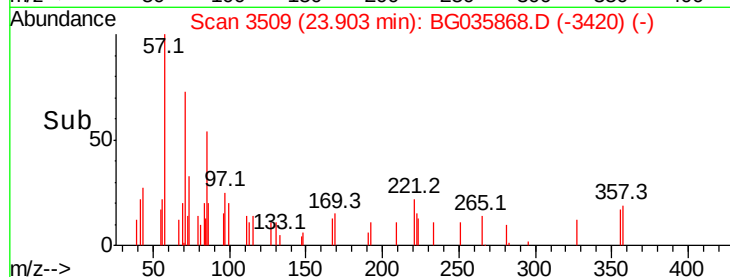
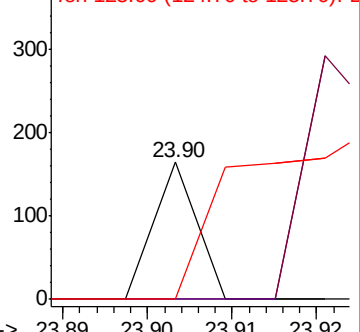
125 0.0 6.6 9.8#



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(a)pyrene

Concen: 0.004 ng

RT: 24.73 min Scan# 3650

Delta R.T. 0.02 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

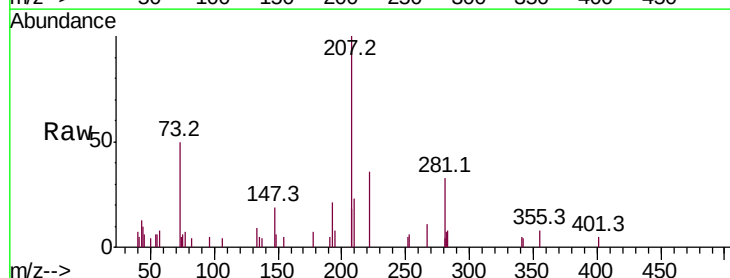
Tgt Ion:252 Resp: 67

Ion Ratio Lower Upper

252 100

253 124.1 18.3 27.5#

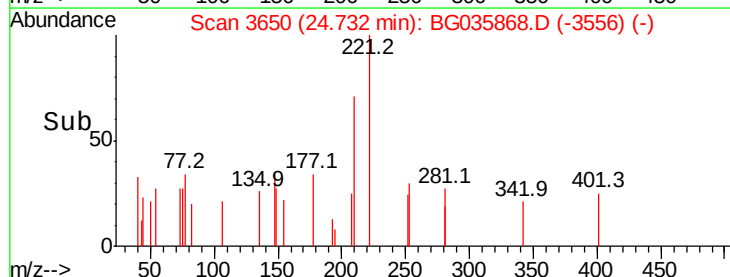
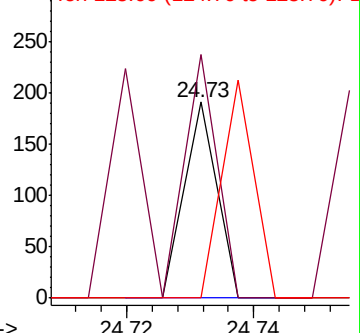
125 0.0 7.3 10.9#

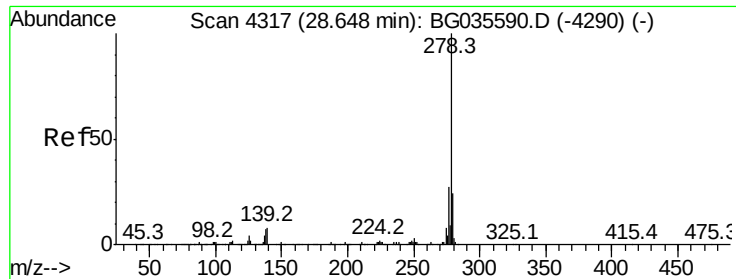


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.47 min Scan# 4287

Delta R.T. -0.09 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

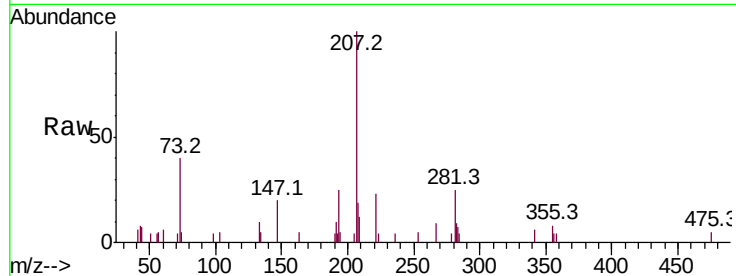
Tot Ion:278 Resp: 58

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#

278 100

139 0.0 9.8 14.6#

279 0.0 18.4 27.6#

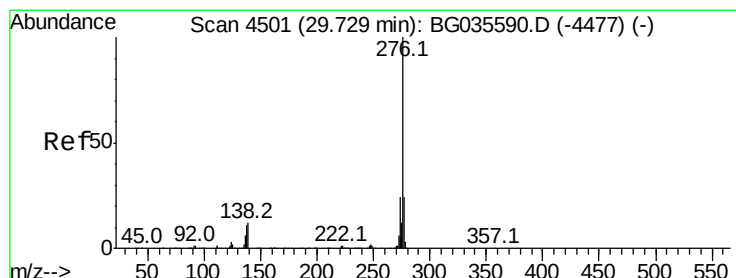
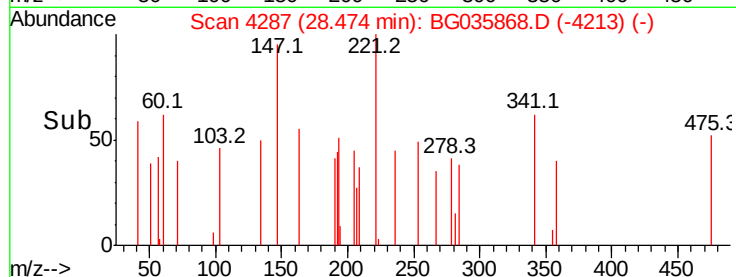
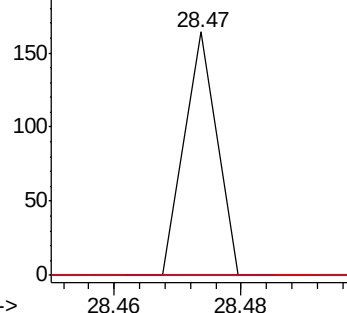


Abundance

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



#91

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 29.90 min Scan# 4530

Delta R.T. 0.26 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

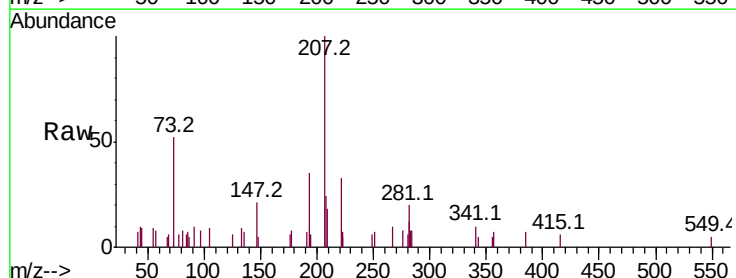
Tgt Ion:276 Resp: 87

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

