

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022623.D
 Acq On : 27 Jun 2016 00:04
 Operator : UM/SJ
 Sample : PB91574BSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91574BSD

Quant Time: Jun 27 03:28:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	140972	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	581358	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	433628	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1146963	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1313753	20.00	ng	0.00
86) Perylene-d12	25.22	264	1346835	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	1078548	122.71	ng	0.00
7) Phenol-d6	7.31	99	1553812	125.42	ng	0.00
23) Nitrobenzene-d5	9.33	82	1068157	77.76	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	892392	130.84	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2074073	75.85	ng	0.00
78) Terphenyl-d14	20.16	244	3276915	66.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	108369	30.42	ng	96
3) Pyridine	3.99	79	226455	22.73	ng	# 88
4) n-Nitrosodimethylamine	3.90	42	119162	20.91	ng	93
6) Aniline	7.48	93	270679	16.48	ng	96
8) 2-Chlorophenol	7.73	128	244288	26.83	ng	95
10) Phenol	7.34	94	357478	27.30	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	253878	23.55	ng	98
12) 1,3-Dichlorobenzene	8.05	146	253481	22.88	ng	92
13) 1,4-Dichlorobenzene	8.20	146	262112	23.60	ng	95
14) 1,2-Dichlorobenzene	8.52	146	246824	23.37	ng	95
15) Benzyl Alcohol	8.40	79	304915	26.60	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	276553	23.20	ng	92
17) 2-Methylphenol	8.60	107	227979	26.41	ng	92
18) Hexachloroethane	9.26	117	106448	23.15	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	244354	23.68	ng	97
20) 3+4-Methylphenols	8.93	107	311473	26.20	ng	94
22) Acetophenone	8.99	105	401361	23.88	ng	# 95
24) Nitrobenzene	9.38	77	367120	24.18	ng	97
25) Isophorone	9.90	82	636330	23.86	ng	98
26) 2-Nitrophenol	10.09	139	140558	25.70	ng	91
27) 2,4-Dimethylphenol	10.14	122	257053	24.60	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	364177	25.01	ng	95
29) 2,4-Dichlorophenol	10.63	162	280212	27.53	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	290873	24.07	ng	99
31) Naphthalene	11.04	128	717786	24.56	ng	98
32) Benzoic acid	10.25	122	196777	30.86	ng	97
33) 4-Chloroaniline	11.14	127	93361	7.42	ng	# 89
34) Hexachlorobutadiene	11.32	225	227680	24.24	ng	99
35) Caprolactam	11.91	113	98711m	30.78	ng	
36) 4-Chloro-3-methylphenol	12.25	107	345312	27.63	ng	94
37) 2-Methylnaphthalene	12.63	142	547250	24.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	372258	22.74	ng	99
40) Hexachlorocyclopentadiene	12.98	237	684469	52.37	ng	97
42) 2,4,6-Trichlorophenol	13.23	196	267915	25.52	ng	99

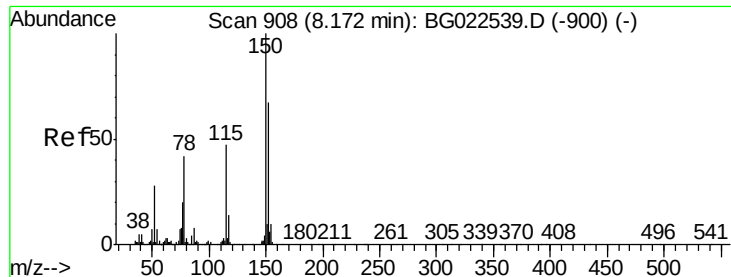
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022623.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	293502	26.72	ng	92
45) 1,1'-Biphenyl	13.63	154	788687	23.88	ng	99
46) 2-Chloronaphthalene	13.68	162	641457	23.60	ng	98
47) 2-Nitroaniline	13.87	65	275362	26.25	ng	97
48) Acenaphthylene	14.52	152	973932	24.70	ng	98
49) Dimethylphthalate	14.24	163	898447	24.98	ng	96
50) 2,6-Dinitrotoluene	14.37	165	207468	26.54	ng	86
51) Acenaphthene	14.86	154	640065	22.04	ng	99
52) 3-Nitroaniline	14.70	138	122020	16.68	ng	86
53) 2,4-Dinitrophenol	14.90	184	363008	75.40	ng	92
54) Dibenzofuran	15.20	168	1051680	25.00	ng	96
55) 4-Nitrophenol	15.00	139	460601	74.47	ng	97
56) 2,4-Dinitrotoluene	15.15	165	308587	28.50	ng	99
57) Fluorene	15.85	166	860015	25.62	ng	94
58) 2,3,4,6-Tetrachlorophenol	15.42	232	310441	27.26	ng	98
59) Diethylphthalate	15.61	149	944045	25.53	ng	99
60) 4-Chlorophenyl-phenylether	15.84	204	499284	24.98	ng	94
61) 4-Nitroaniline	15.87	138	206948	27.42	ng	87
62) Azobenzene	16.13	77	991071	24.75	ng	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	210779	27.40	ng	93
65) n-Nitrosodiphenylamine	16.05	169	829139	24.84	ng	98
66) 4-Bromophenyl-phenylether	16.74	248	345905	23.25	ng	96
67) Hexachlorobenzene	16.85	284	381116	24.22	ng	95
68) Atrazine	17.00	200	374195	26.55	ng	97
69) Pentachlorophenol	17.20	266	710882	65.66	ng	97
70) Phenanthrene	17.60	178	1501972	25.68	ng	98
71) Anthracene	17.69	178	1519085	25.23	ng	99
72) Carbazole	17.96	167	1364831	26.75	ng	98
73) Di-n-butylphthalate	18.51	149	1619874	27.26	ng	99
74) Fluoranthene	19.60	202	1870021	27.75	ng	99
76) Benzidine	19.79	184	1129299	80.74	ng	98
77) Pyrene	19.97	202	1895650	27.09	ng	98
79) Butylbenzylphthalate	20.84	149	795176	26.25	ng	94
80) Benzo(a)anthracene	21.84	228	1951033	26.84	ng	99
81) 3,3'-Dichlorobenzidine	21.74	252	431270	14.36	ng	97
82) Chrysene	21.90	228	1833246	26.84	ng	99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1067743	25.04	ng	97
84) Di-n-octyl phthalate	22.99	149	1769735	25.17	ng	97
85) Indeno(1,2,3-cd)pyrene	29.06	276	2251790	25.08	ng #	100
87) Benzo(b)fluoranthene	24.14	252	2076645	25.64	ng	97
88) Benzo(k)fluoranthene	24.22	252	1924604	25.14	ng #	98
89) Benzo(a)pyrene	25.06	252	1979866	25.08	ng	98
90) Dibenzo(a,h)anthracene	29.14	278	1872624	25.20	ng #	95
91) Benzo(g,h,i)perylene	30.27	276	1873063	24.76	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022623.D

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BNA_G

ClientSampleId :

PB91574BSD

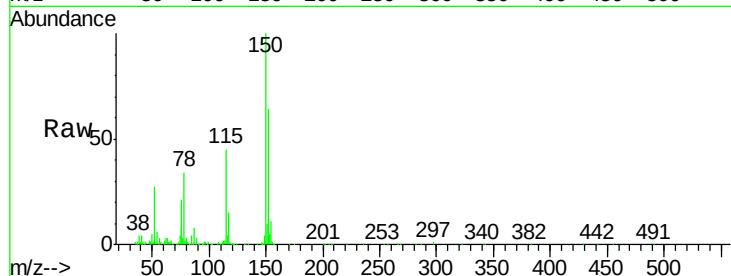
Tgt Ion:152 Resp: 140972

Ion Ratio Lower Upper

152 100

150 155.7 144.7 217.1

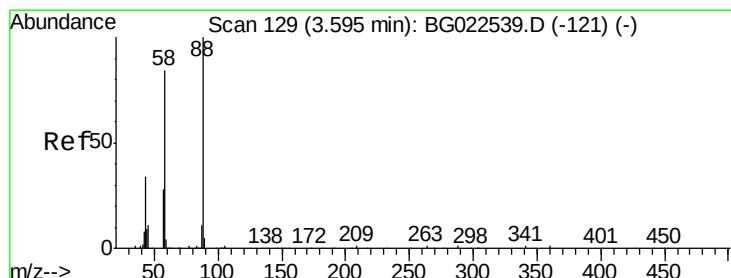
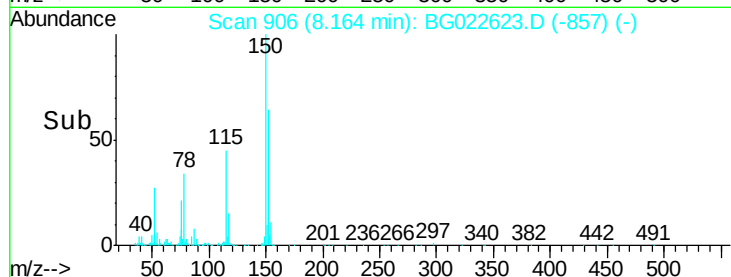
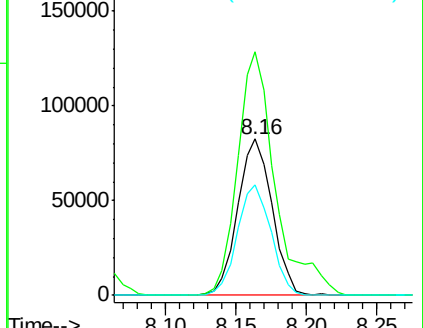
115 70.7 64.0 96.0



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: 30.42 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

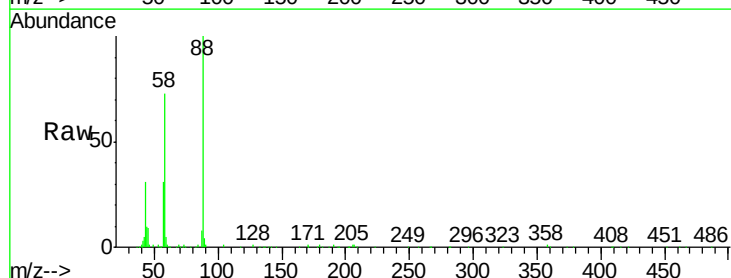
Tgt Ion: 88 Resp: 108369

Ion Ratio Lower Upper

88 100

58 75.1 60.4 90.6

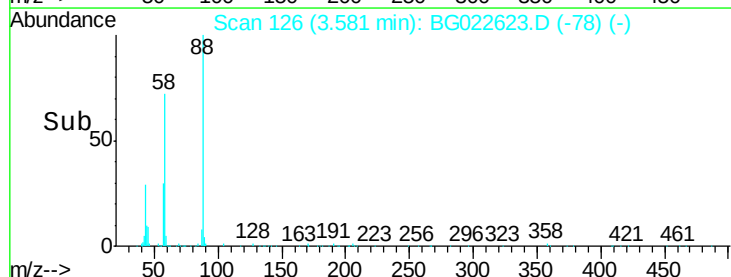
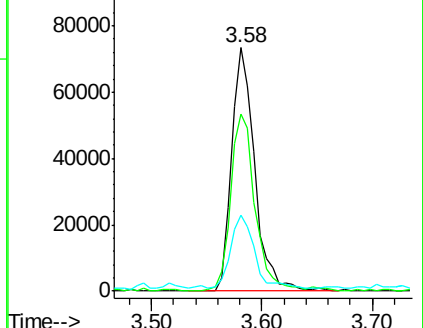
43 32.9 31.1 46.7

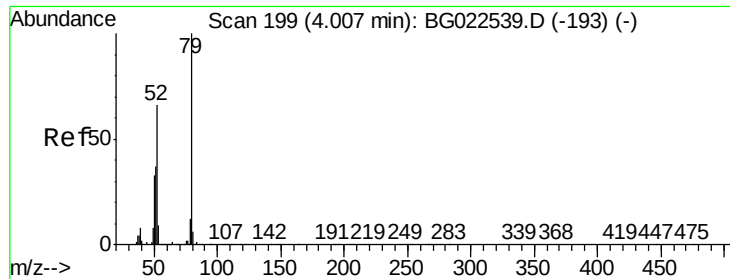


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 22.73 ng

RT: 3.99 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

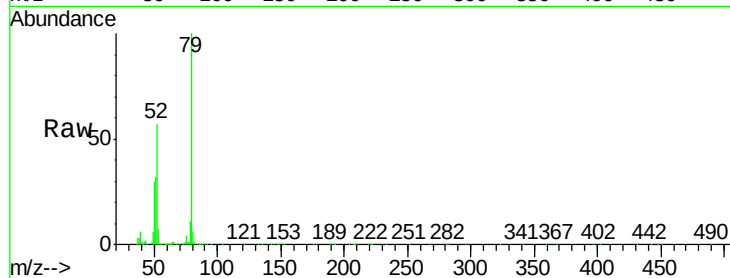
Tgt Ion: 79 Resp: 226455

Ion Ratio Lower Upper

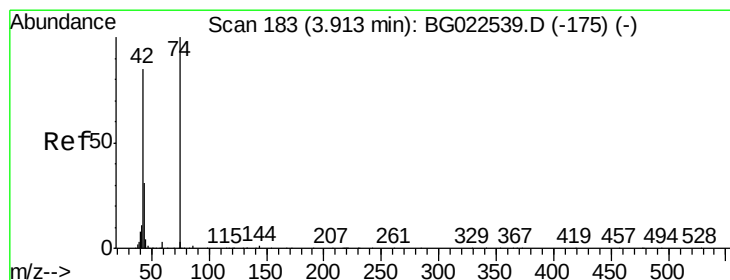
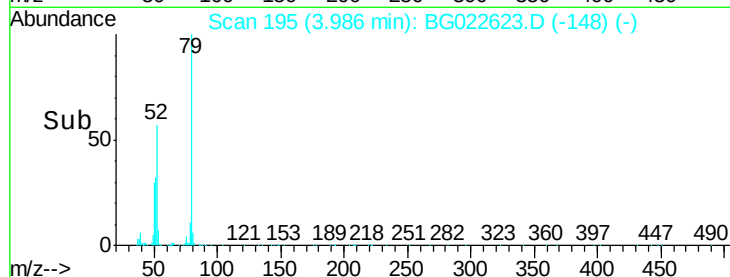
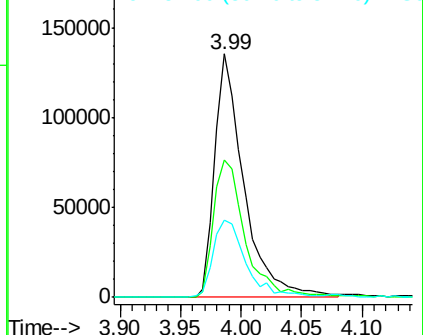
79 100

52 56.7 51.8 77.8

51 32.0 32.7 49.1#



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: 20.91 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

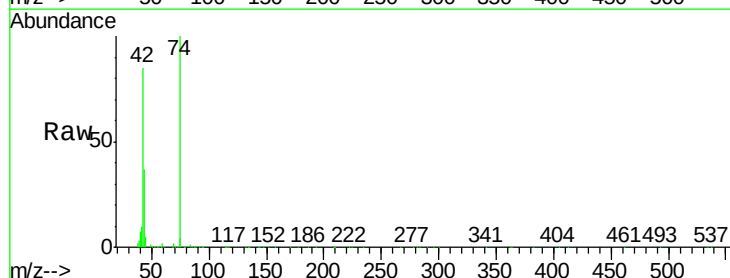
Tgt Ion: 42 Resp: 119162

Ion Ratio Lower Upper

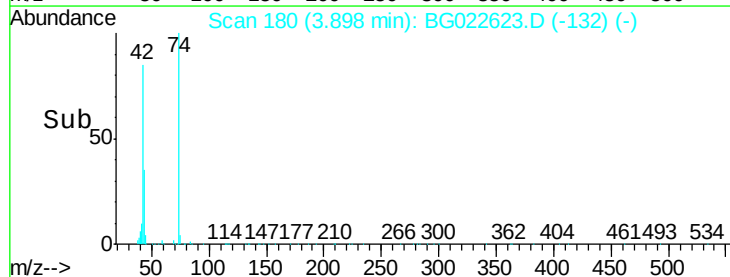
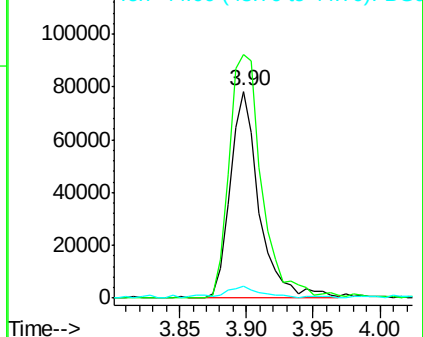
42 100

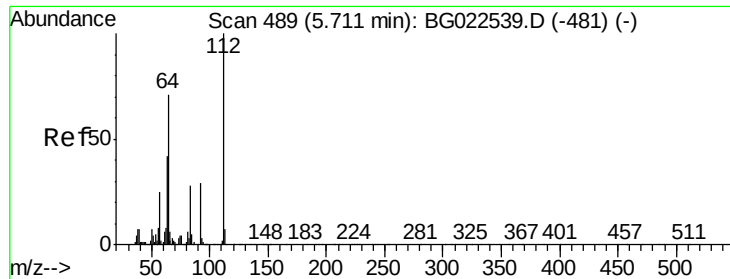
74 117.6 100.6 150.8

44 5.7 4.5 6.7



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: 122.71 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

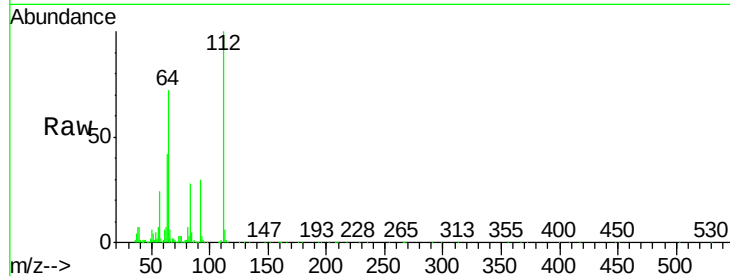
Tgt Ion:112 Resp: 1078548

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

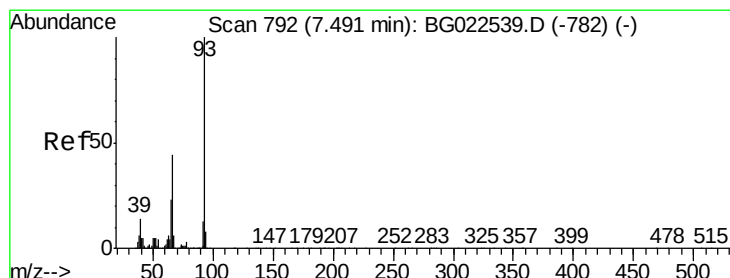
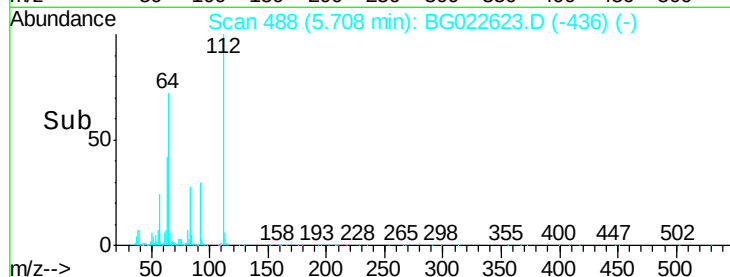
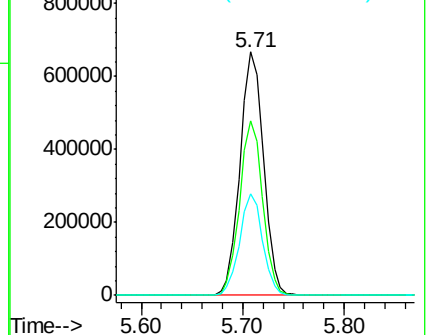
63 41.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.48 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

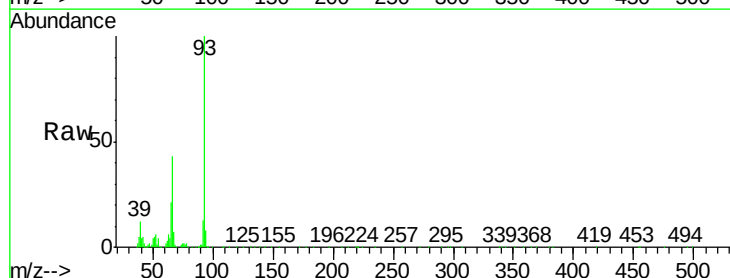
Tgt Ion: 93 Resp: 270679

Ion Ratio Lower Upper

93 100

66 43.5 37.5 56.3

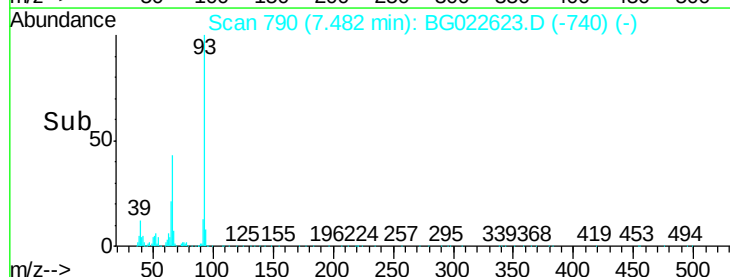
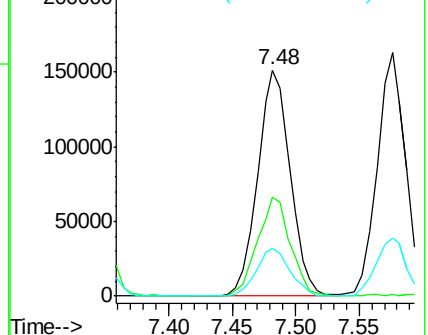
65 21.2 17.9 26.9

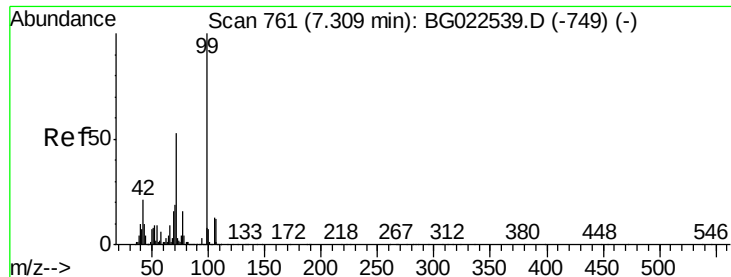


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.42 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

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PB91574BSD

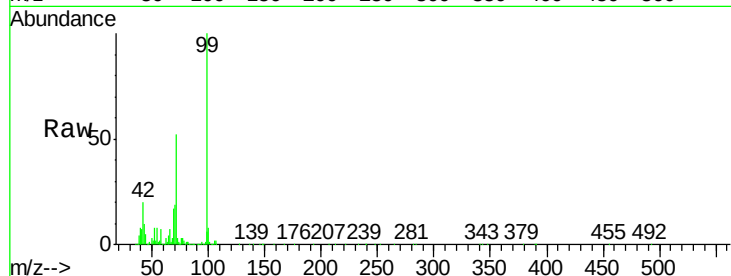
Tgt Ion: 99 Resp: 1553812

Ion Ratio Lower Upper

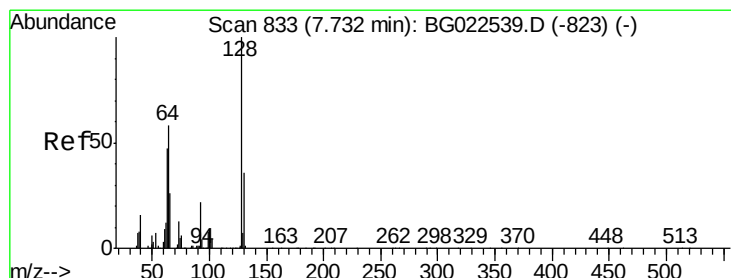
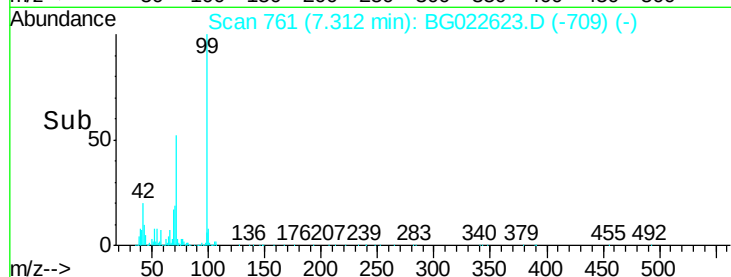
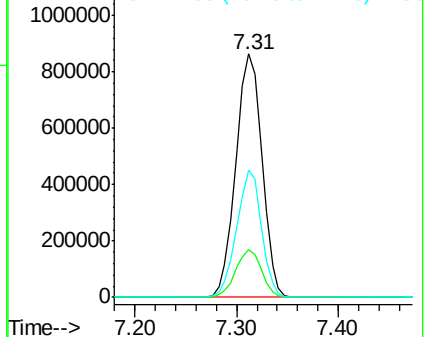
99 100

42 19.6 17.8 26.6

71 52.2 41.5 62.3



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: 26.83 ng

RT: 7.73 min Scan# 832

Delta R.T. 0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

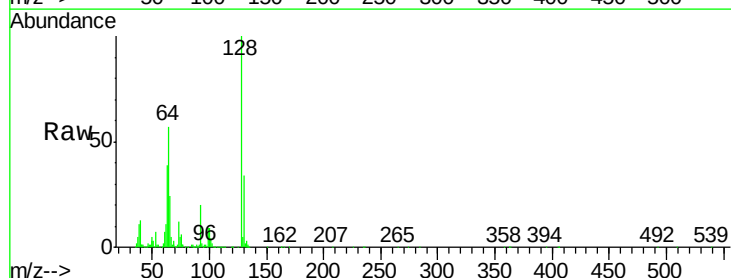
Tgt Ion: 128 Resp: 244288

Ion Ratio Lower Upper

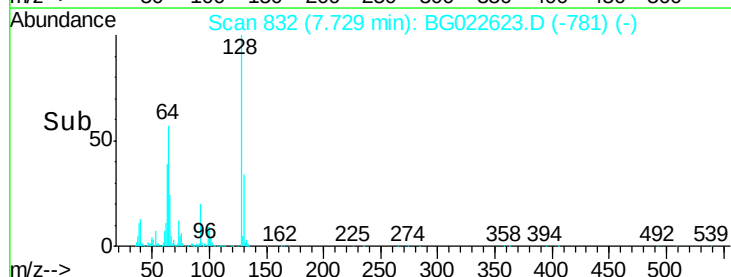
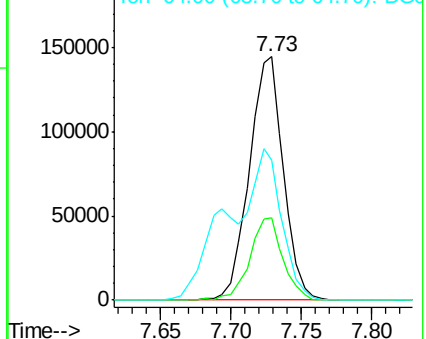
128 100

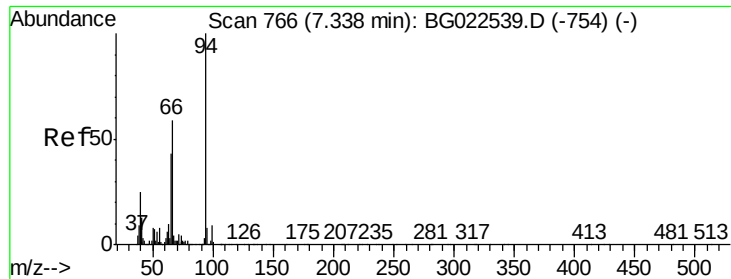
130 33.9 12.9 52.9

64 57.2 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#10

Phenol

Concen: 27.30 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

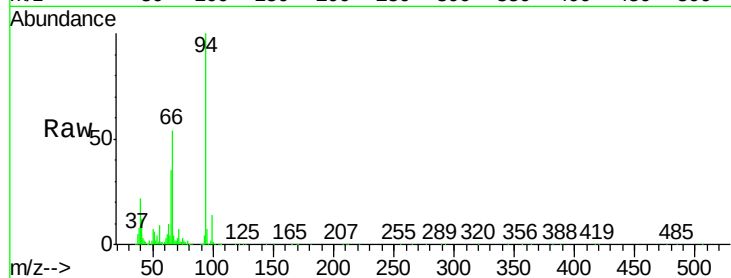
Tgt Ion: 94 Resp: 357478

Ion Ratio Lower Upper

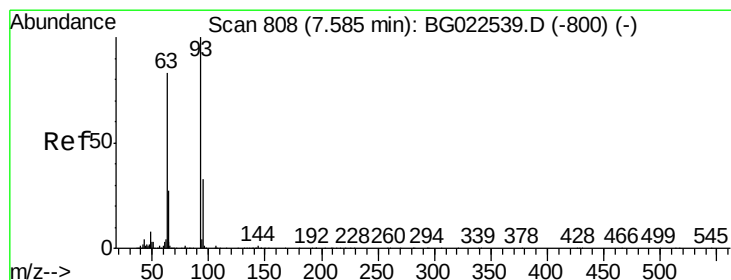
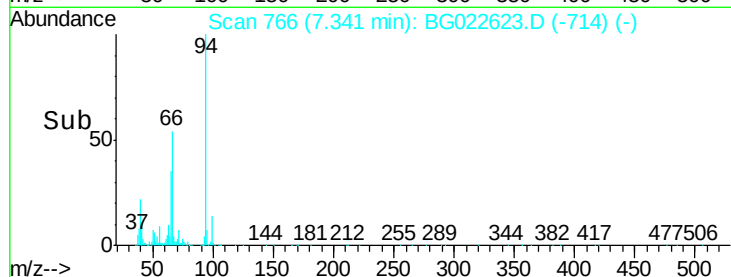
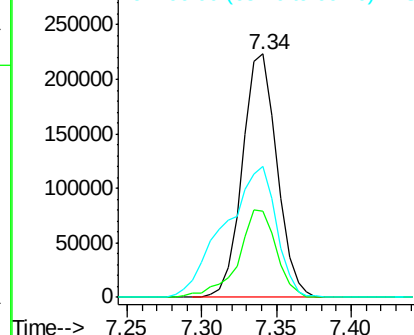
94 100

65 35.3 18.1 58.1

66 53.7 42.1 82.1



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: 23.55 ng

RT: 7.58 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

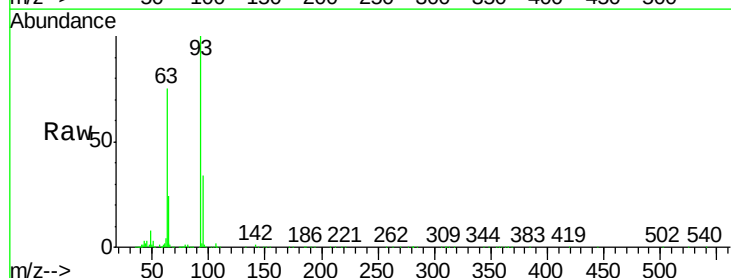
Tgt Ion: 93 Resp: 253878

Ion Ratio Lower Upper

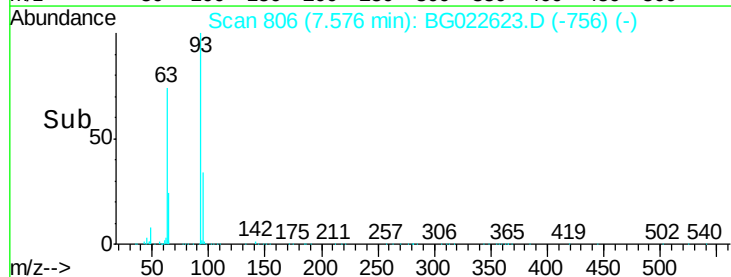
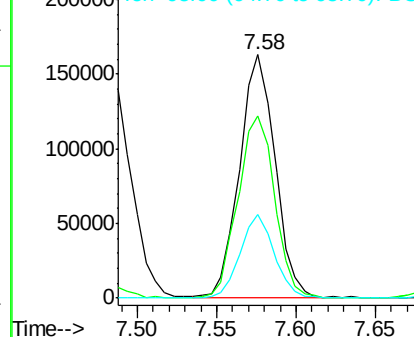
93 100

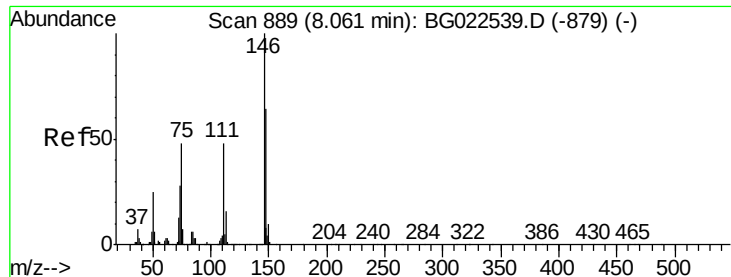
63 74.6 55.0 95.0

95 34.1 11.0 51.0



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





#12

1,3-Dichlorobenzene

Concen: 22.88 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

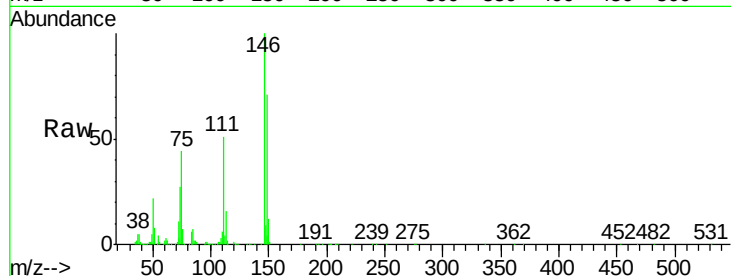
Tgt Ion:146 Resp: 253481

Ion Ratio Lower Upper

146 100

148 70.9 50.3 75.5

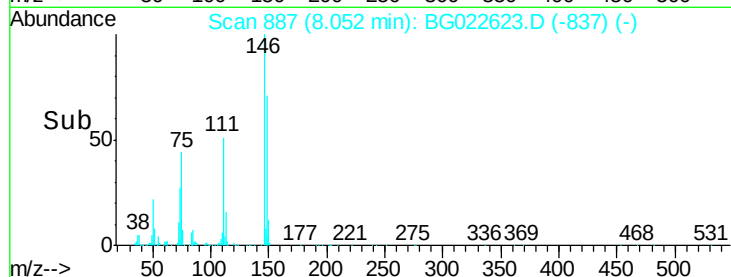
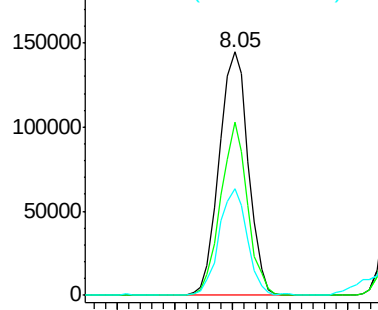
75 43.6 37.0 55.6



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): B



#13

1,4-Dichlorobenzene

Concen: 23.60 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

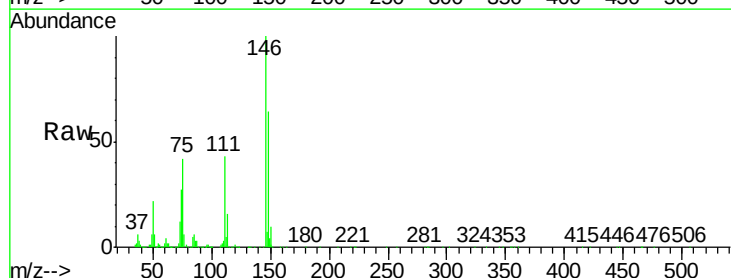
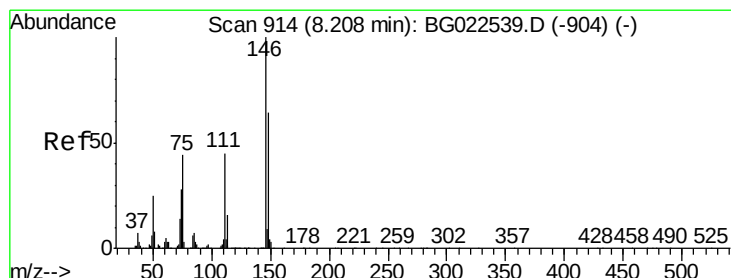
Tgt Ion:146 Resp: 262112

Ion Ratio Lower Upper

146 100

148 64.5 54.5 81.7

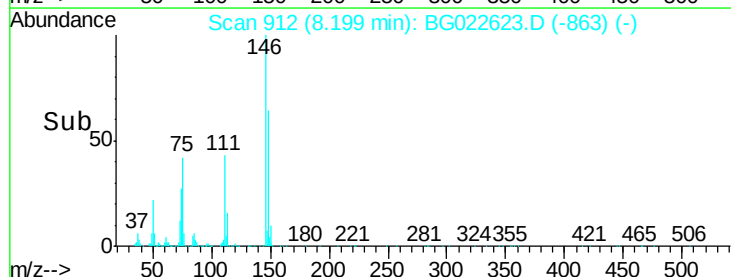
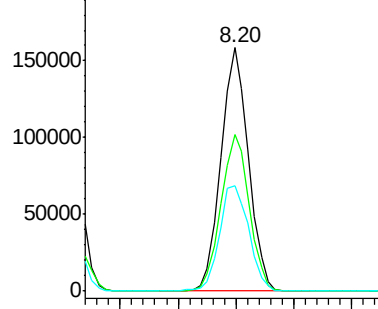
111 43.4 37.8 56.8

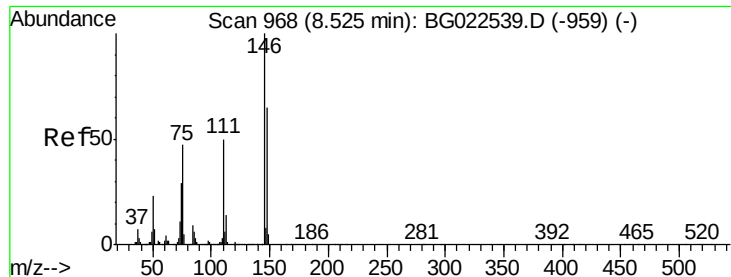


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

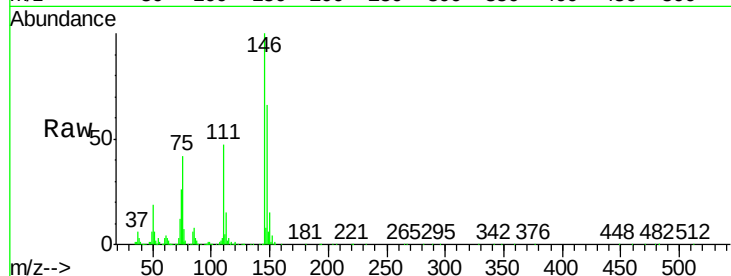




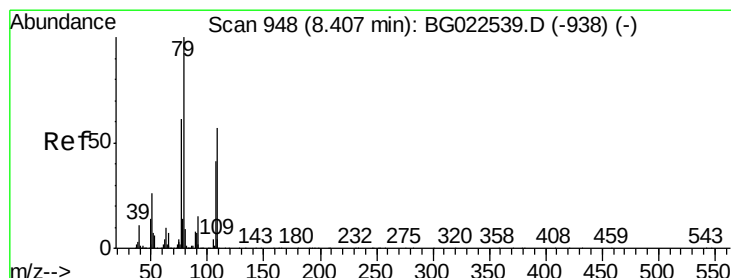
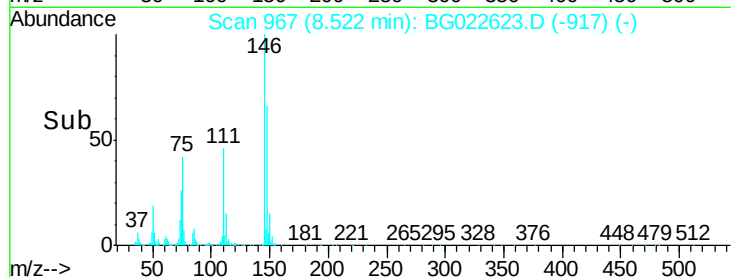
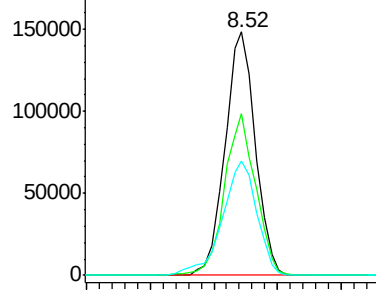
#14
1,2-Dichlorobenzene
Concen: 23.37 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Instrument :
BNA_G
ClientSampleId :
PB91574BSD

Tgt Ion:146 Resp: 246824
Ion Ratio Lower Upper
146 100
148 66.3 52.9 79.3
111 46.8 43.5 65.3

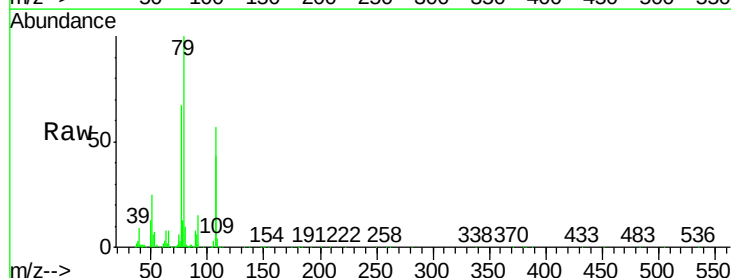


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

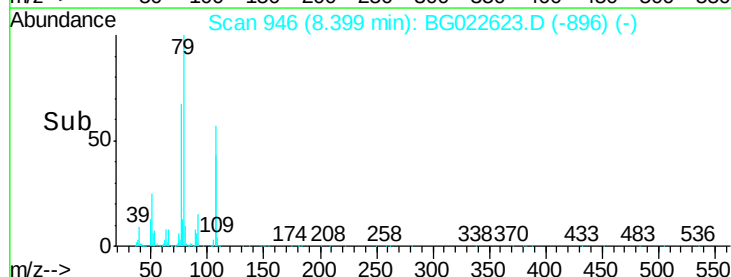
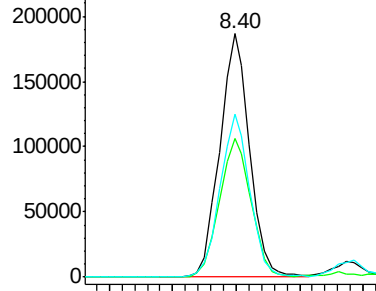


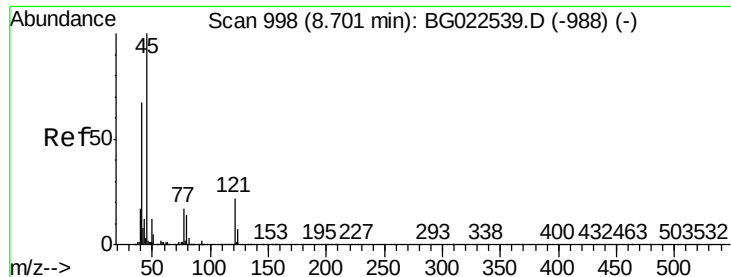
#15
Benzyl Alcohol
Concen: 26.60 ng
RT: 8.40 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion: 79 Resp: 304915
Ion Ratio Lower Upper
79 100
108 57.0 46.5 69.7
77 67.1 52.3 78.5



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

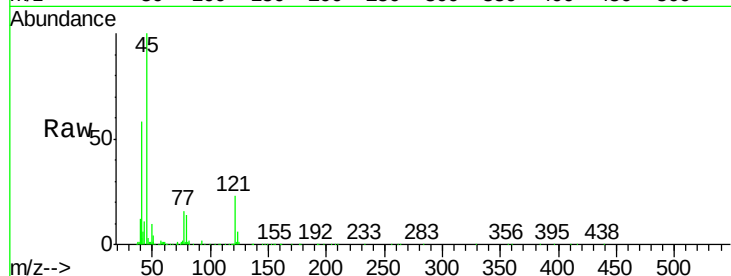




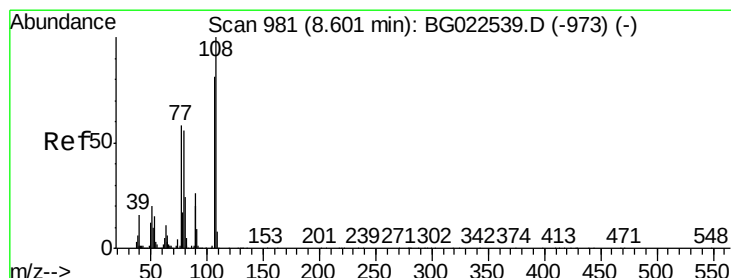
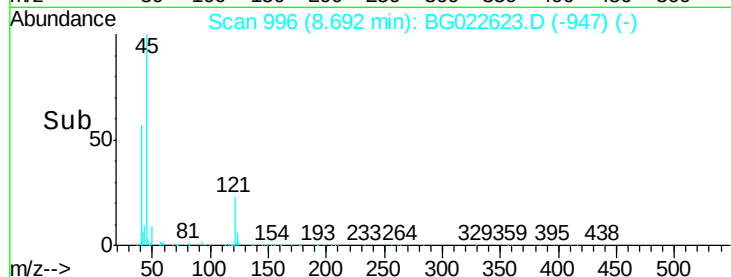
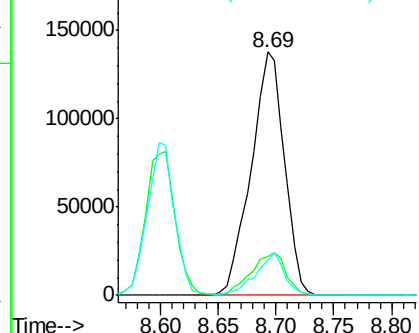
#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.20 ng
RT: 8.69 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Instrument :
BNA_G
ClientSampleId :
PB91574BSD

Tgt Ion: 45 Resp: 276553
Ion Ratio Lower Upper
45 100
77 15.8 0.6 40.6
79 14.4 0.0 36.2

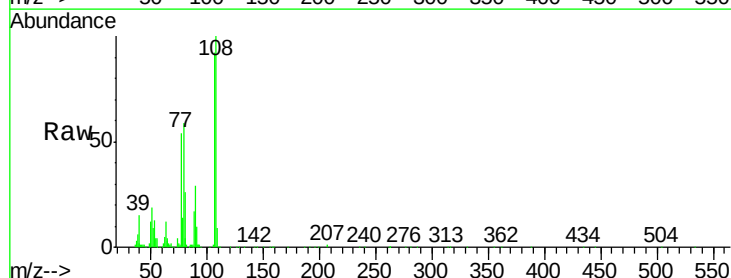


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

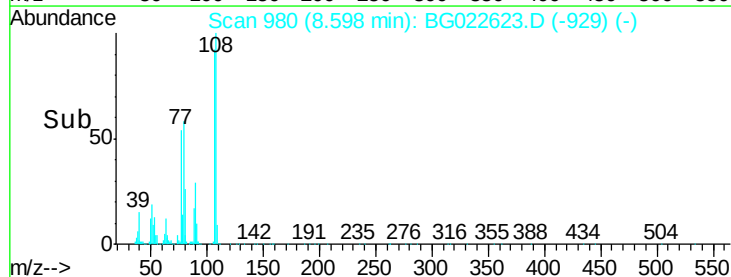
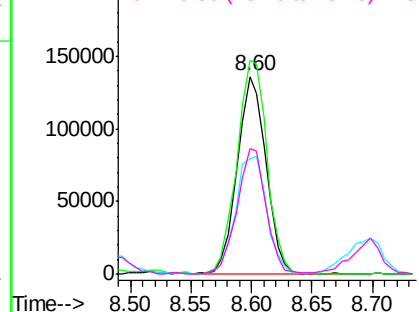


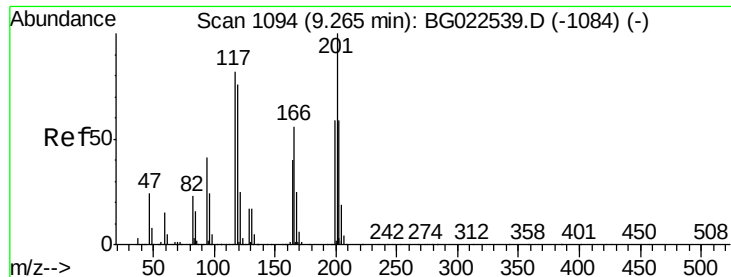
#17
2-Methylphenol
Concen: 26.41 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion: 107 Resp: 227979
Ion Ratio Lower Upper
107 100
108 108.1 92.0 138.0
77 58.5 55.8 83.6
79 63.3 55.0 82.6



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

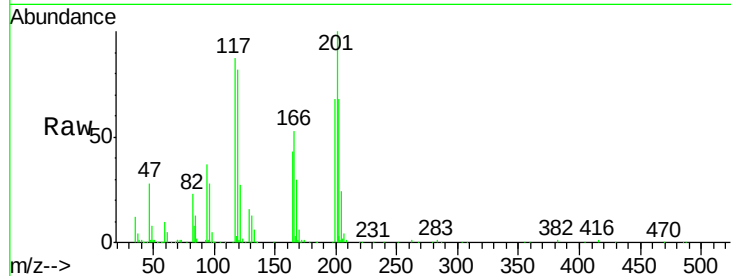




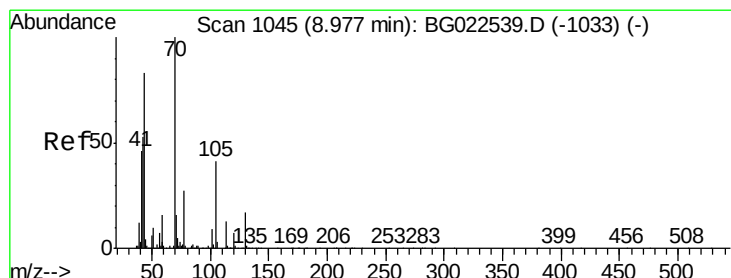
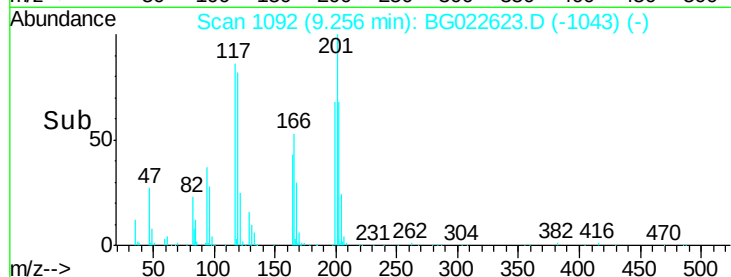
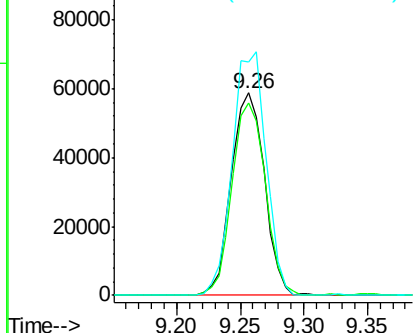
#18
Hexachloroethane
Concen: 23.15 ng
RT: 9.26 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Instrument :
BNA_G
ClientSampleId :
PB91574BSD

Tgt Ion: 117 Resp: 106448
Ion Ratio Lower Upper
117 100
119 94.9 73.7 110.5
201 115.5 88.7 133.1

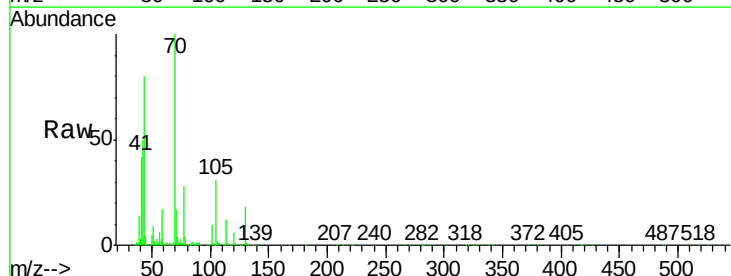


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

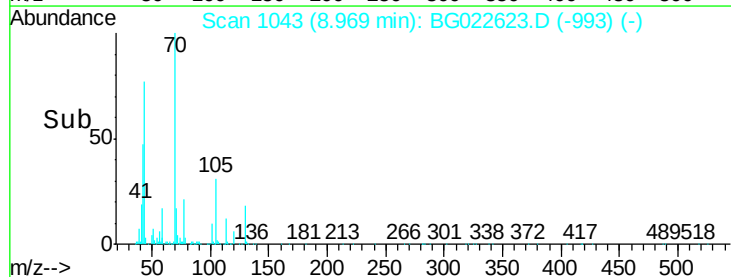
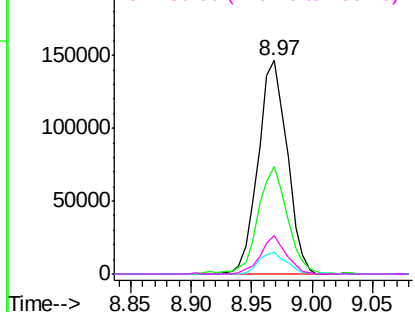


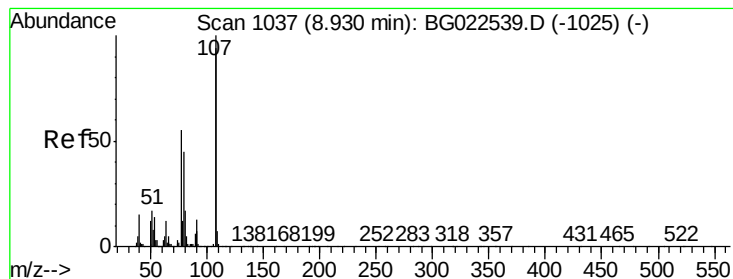
#19
n-Nitroso-di-n-propylamine
Concen: 23.68 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion: 70 Resp: 244354
Ion Ratio Lower Upper
70 100
42 50.2 42.1 63.1
101 10.3 7.2 10.8
130 18.2 14.2 21.2



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 26.20 ng

RT: 8.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

Tgt Ion:107 Resp: 311473

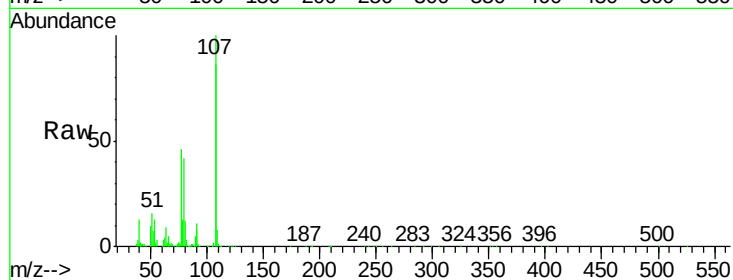
Ion Ratio Lower Upper

107 100

108 85.5 72.5 112.5

77 46.3 30.1 70.1

79 41.9 24.2 64.2



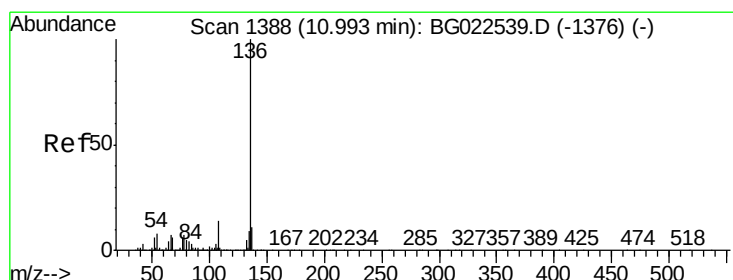
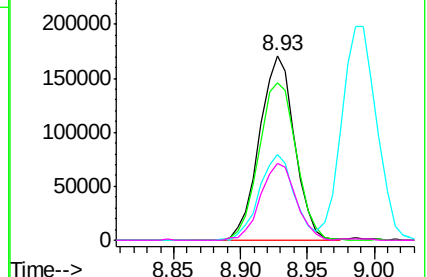
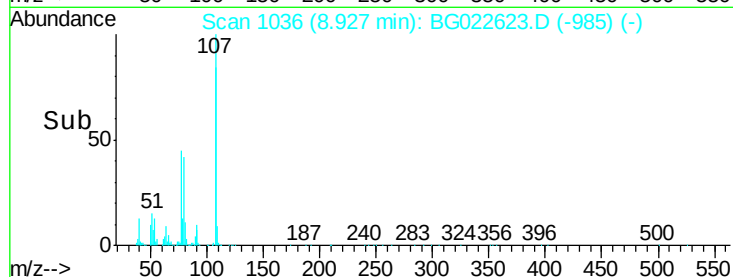
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Tgt Ion:136 Resp: 581358

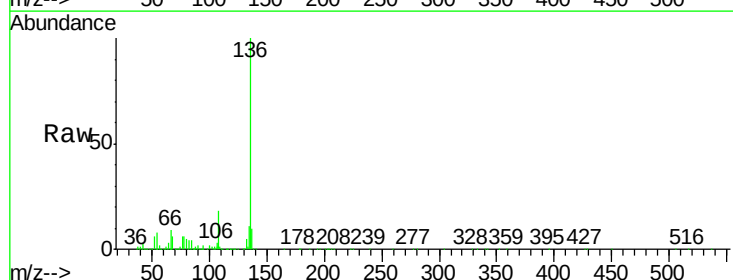
Ion Ratio Lower Upper

136 100

137 10.4 9.6 14.4

54 7.9 7.3 10.9

68 6.0 5.3 7.9



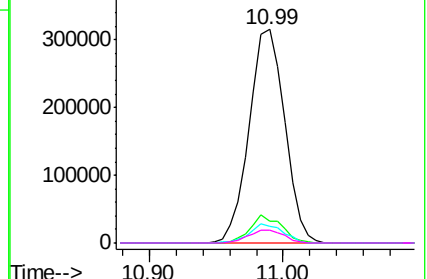
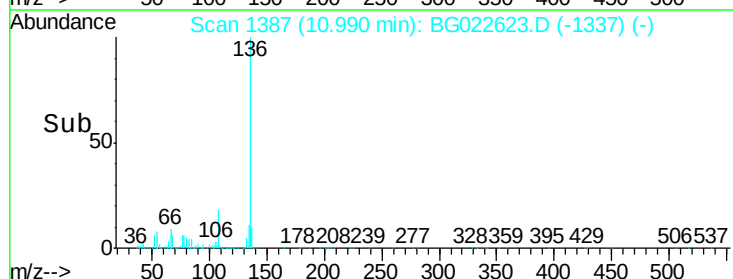
Abundance Ion 136.00 (135.70 to 136.70): E

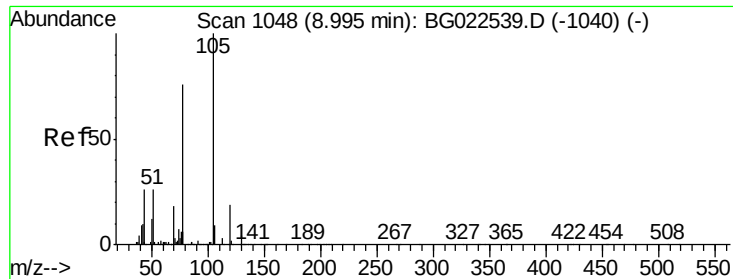
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->





#22

Acetophenone

Concen: 23.88 ng

RT: 8.99 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

Tgt Ion:105 Resp: 401361

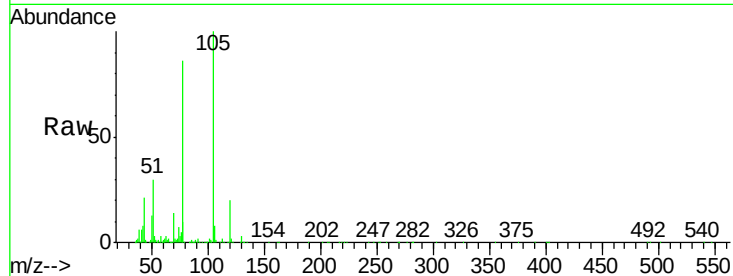
Ion Ratio Lower Upper

105 100

71 2.5 2.6 3.8#

51 30.4 27.1 40.7

120 19.9 15.1 22.7

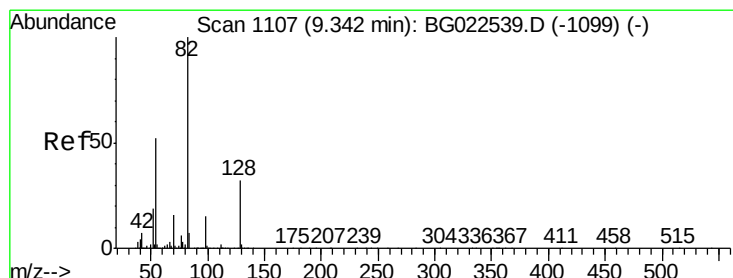
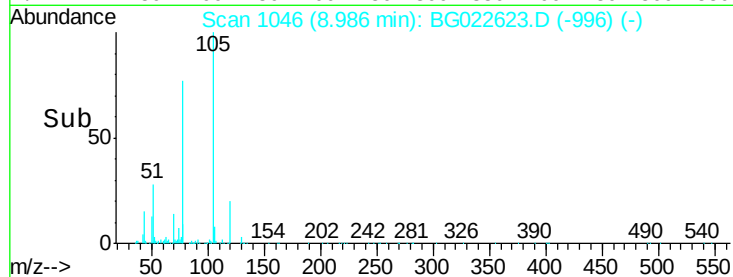
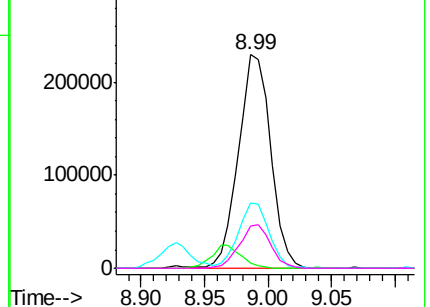


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 77.76 ng

RT: 9.33 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

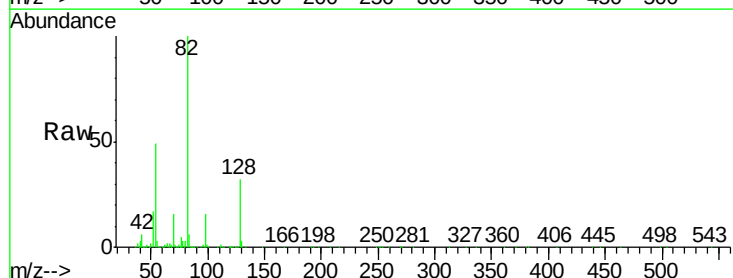
Tgt Ion: 82 Resp: 1068157

Ion Ratio Lower Upper

82 100

128 32.1 24.4 36.6

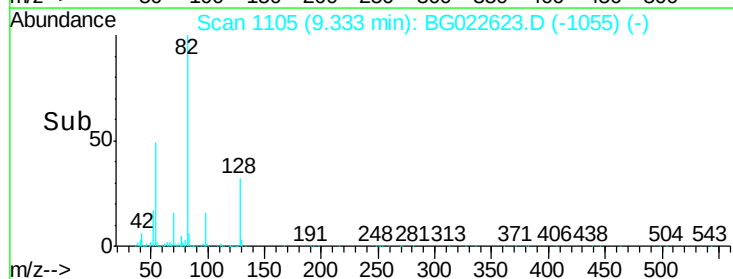
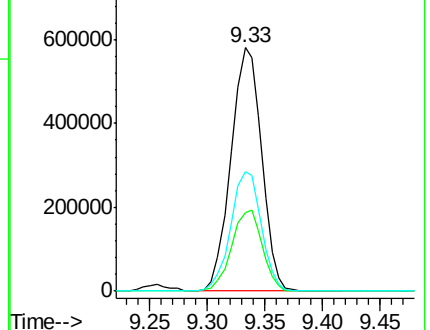
54 48.9 41.4 62.0

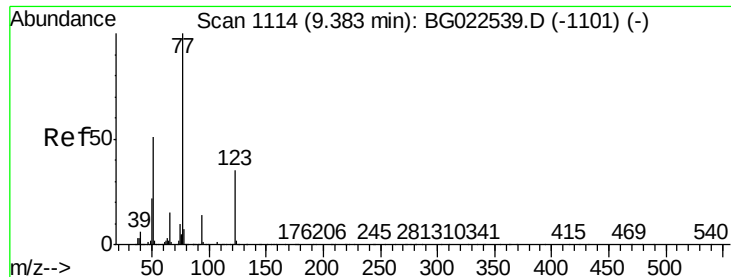


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

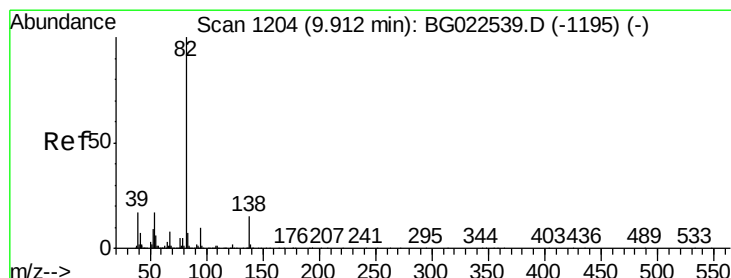
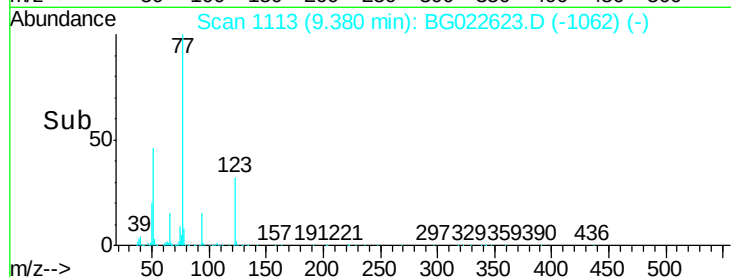
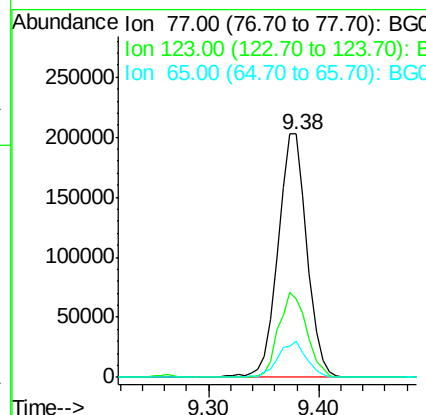
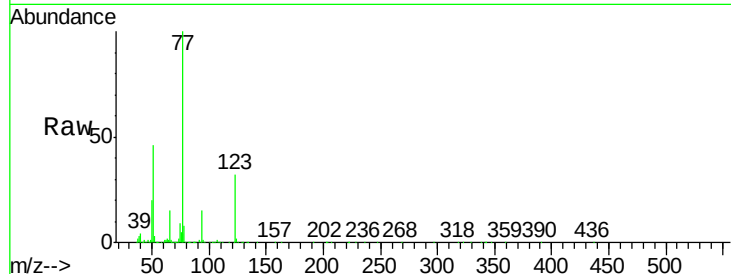




#24
 Nitrobenzene
 Concen: 24.18 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BG022623.D
 Acq: 27 Jun 2016 00:04

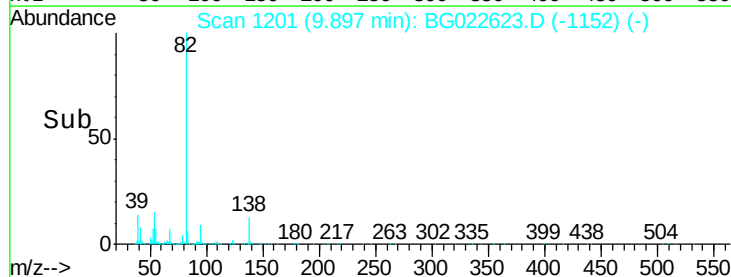
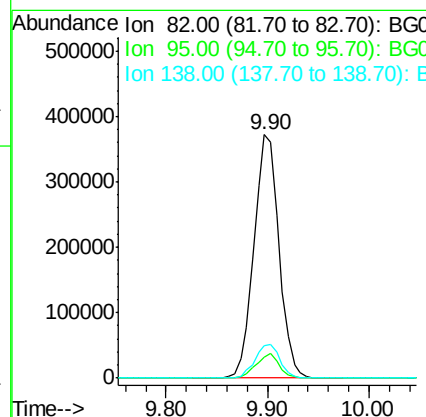
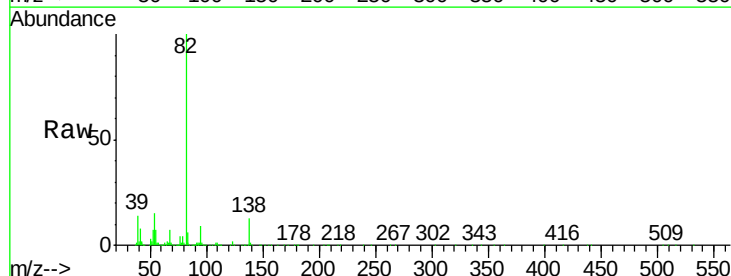
Instrument :
 BNA_G
 ClientSampleId :
 PB91574BSD

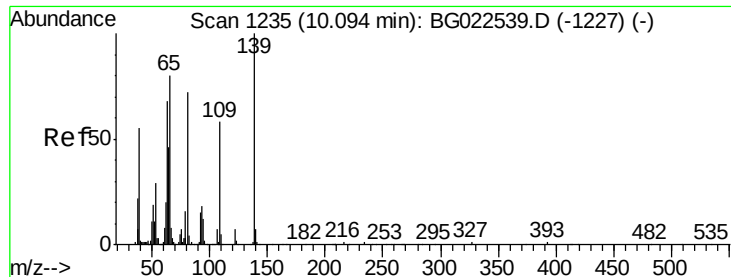
Tgt Ion: 77 Resp: 367120
 Ion Ratio Lower Upper
 77 100
 123 32.3 25.0 37.6
 65 15.0 13.4 20.0



#25
 Isophorone
 Concen: 23.86 ng
 RT: 9.90 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG022623.D
 Acq: 27 Jun 2016 00:04

Tgt Ion: 82 Resp: 636330
 Ion Ratio Lower Upper
 82 100
 95 8.6 8.2 12.2
 138 13.4 10.7 16.1

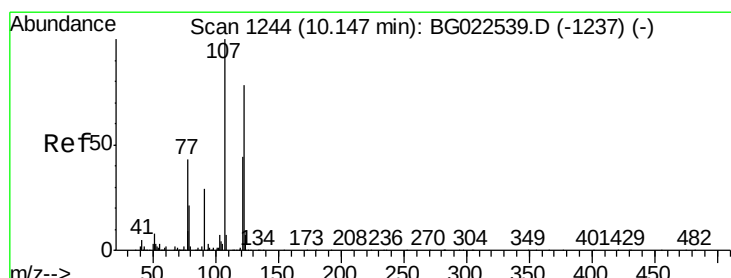
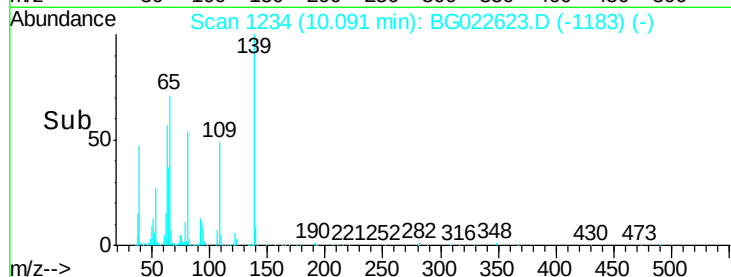
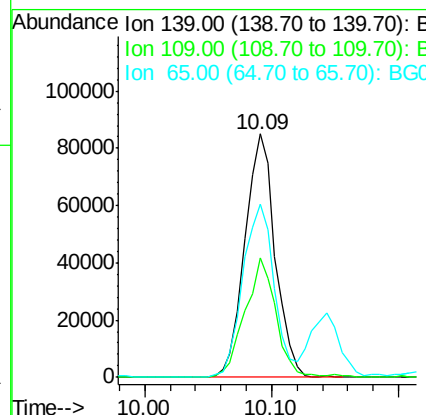
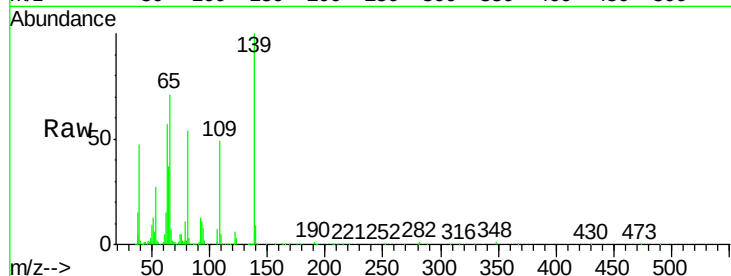




#26
2-Nitrophenol
Concen: 25.70 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

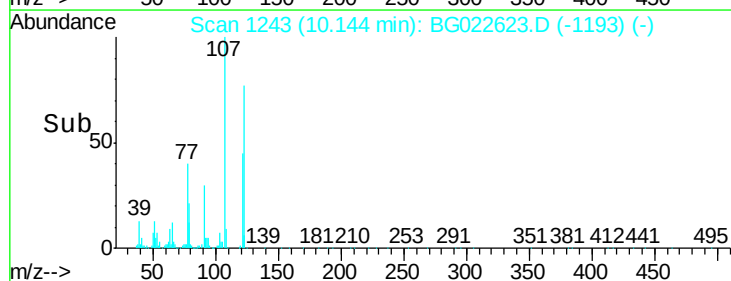
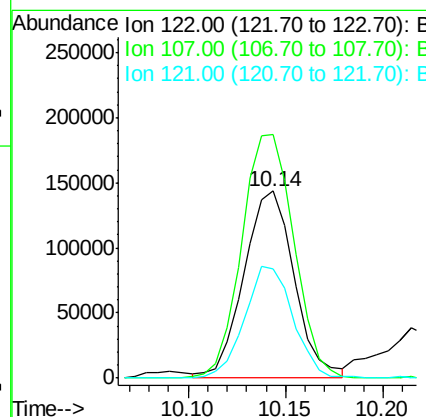
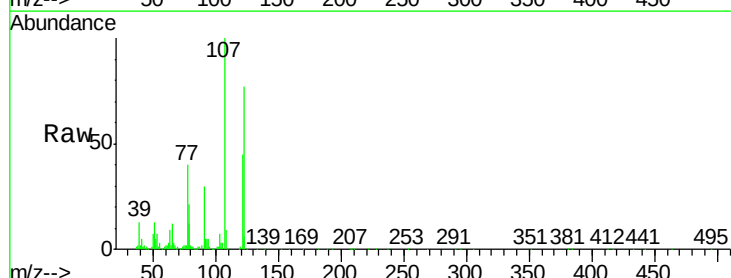
Instrument :
BNA_G
ClientSampled :
PB91574BSD

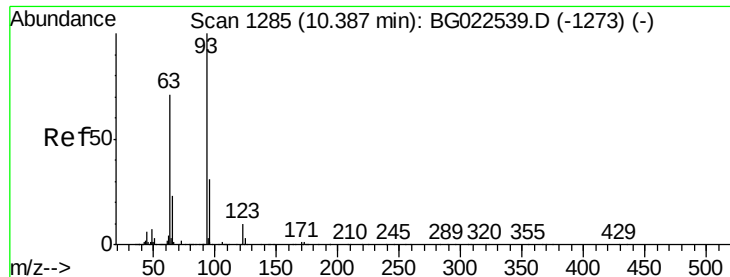
Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.9	43.5	65.3
65	70.9	64.3	96.5



#27
2,4-Dimethylphenol
Concen: 24.60 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.3	117.0	175.4
121	58.1	50.1	75.1





#28

bis(2-Chloroethoxy)methane

Concen: 25.01 ng

RT: 10.38 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

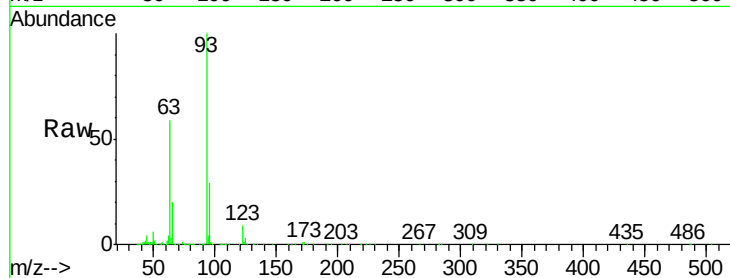
Tgt Ion: 93 Resp: 364177

Ion Ratio Lower Upper

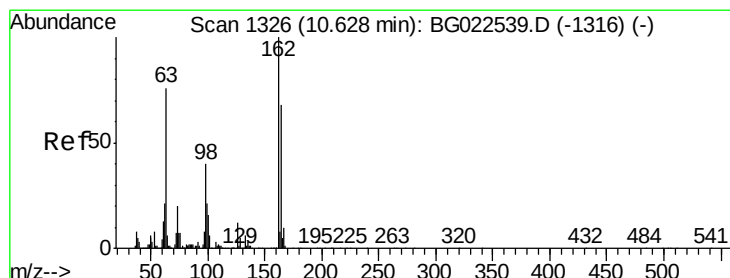
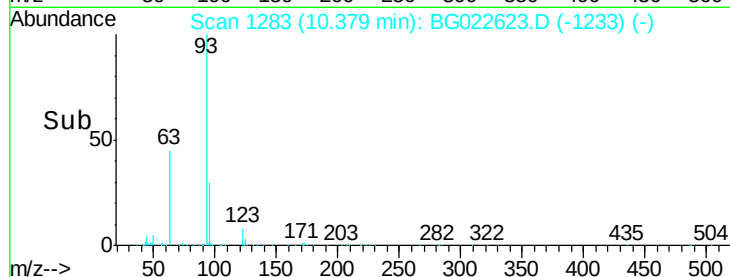
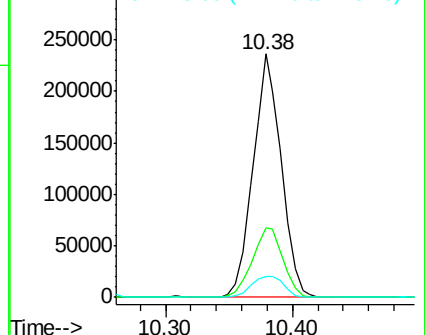
93 100

95 28.8 25.4 38.2

123 8.6 8.2 12.2



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



#29

2,4-Dichlorophenol

Concen: 27.53 ng

RT: 10.63 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

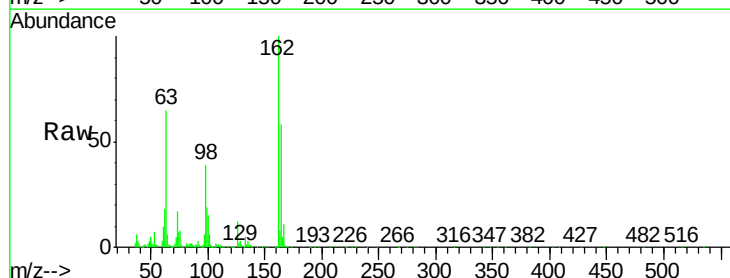
Tgt Ion: 162 Resp: 280212

Ion Ratio Lower Upper

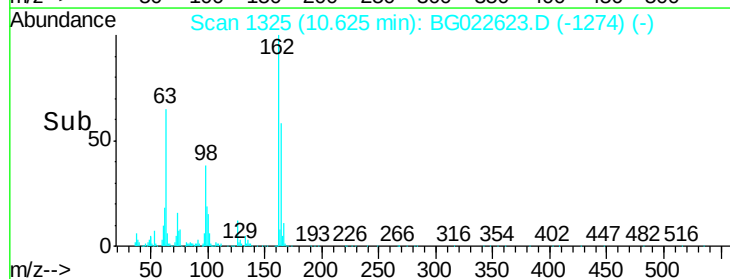
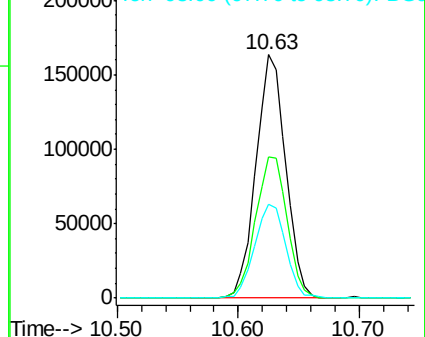
162 100

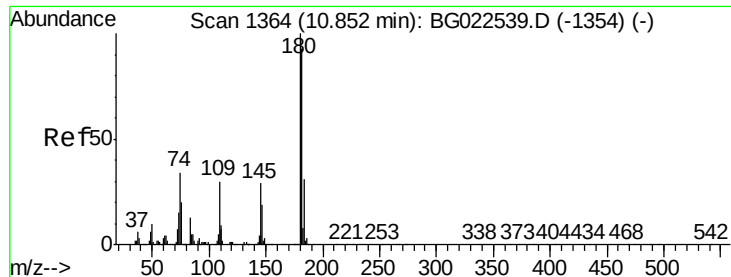
164 58.0 44.3 84.3

98 38.5 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC

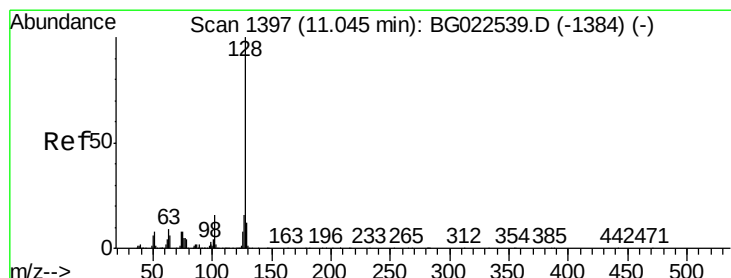
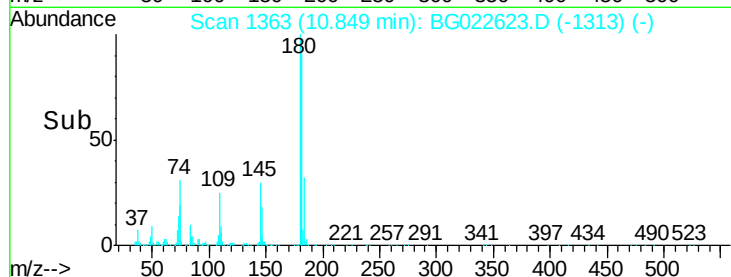
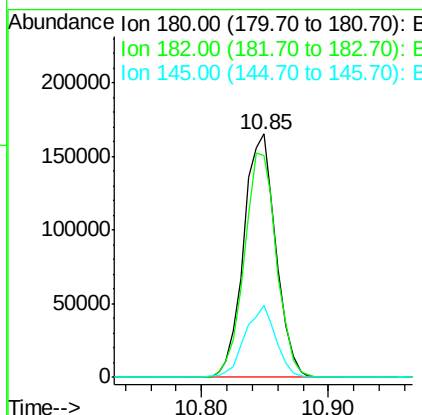
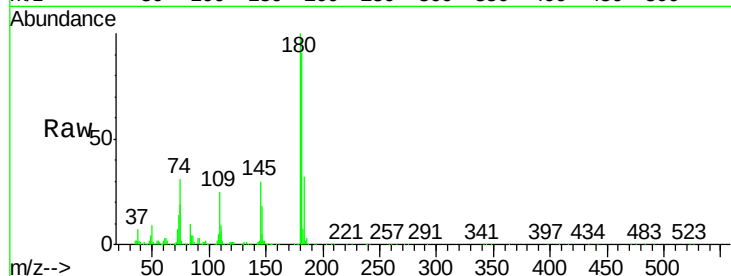




#30
 1,2,4-Trichlorobenzene
 Concen: 24.07 ng
 RT: 10.85 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BG022623.D
 Acq: 27 Jun 2016 00:04

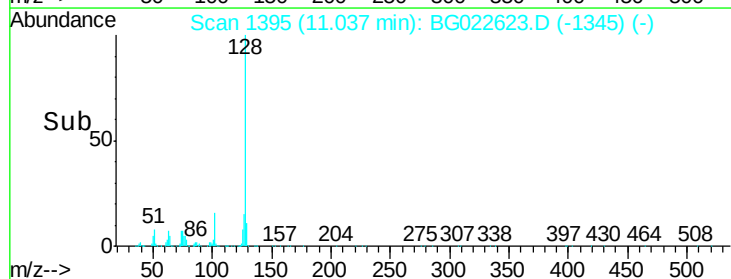
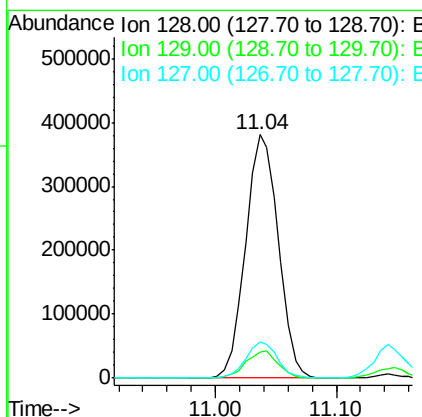
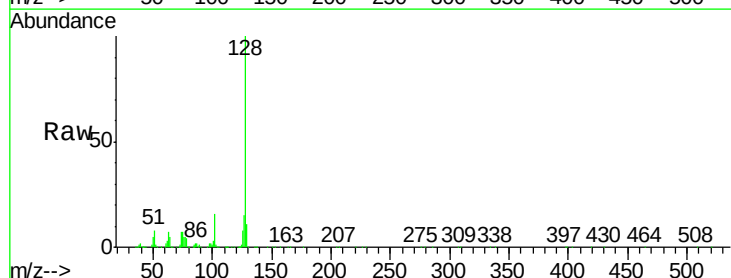
Instrument :
 BNA_G
 ClientSampleId :
 PB91574BSD

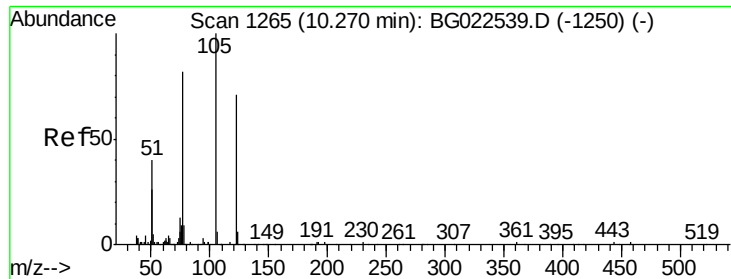
Tgt Ion:180 Resp: 290873
 Ion Ratio Lower Upper
 180 100
 182 91.3 73.8 110.8
 145 29.8 24.4 36.6



#31
 Naphthalene
 Concen: 24.56 ng
 RT: 11.04 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BG022623.D
 Acq: 27 Jun 2016 00:04

Tgt Ion:128 Resp: 717786
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.4 14.0
 127 14.9 11.3 16.9

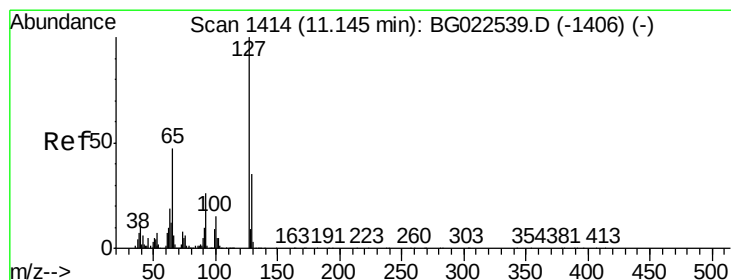
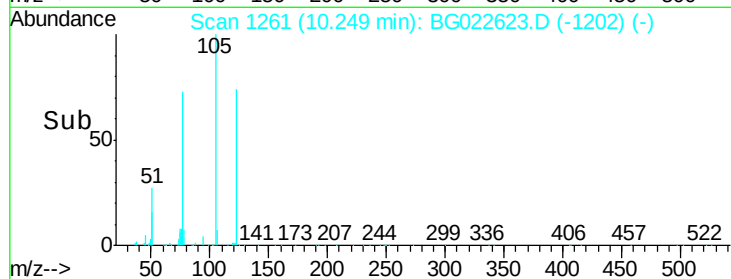
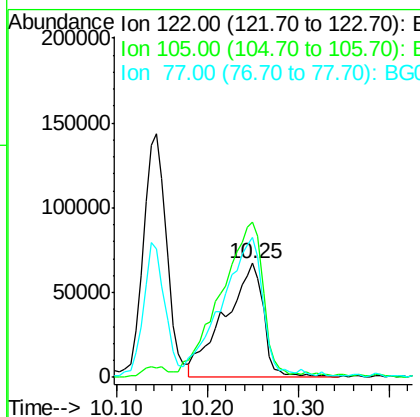
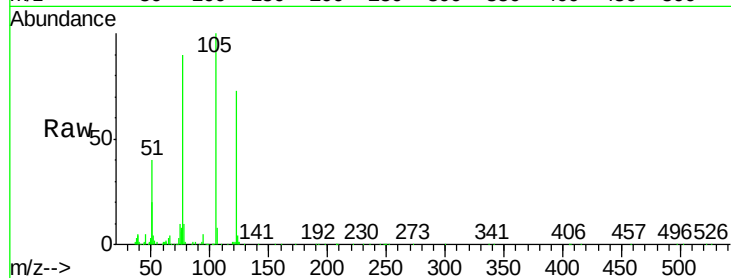




#32
Benzoic acid
Concen: 30.86 ng
RT: 10.25 min Scan# 1261
Delta R.T. 0.05 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

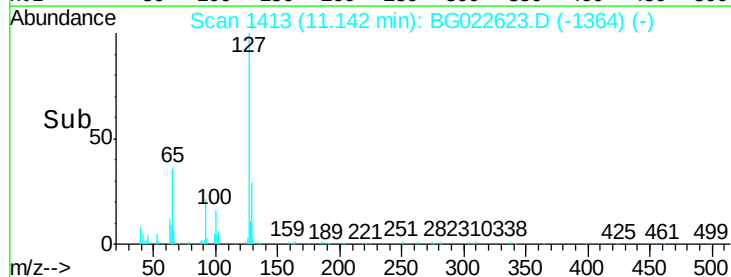
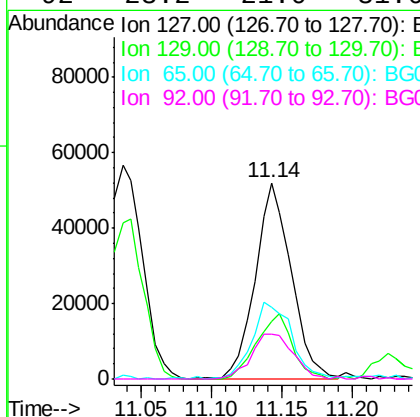
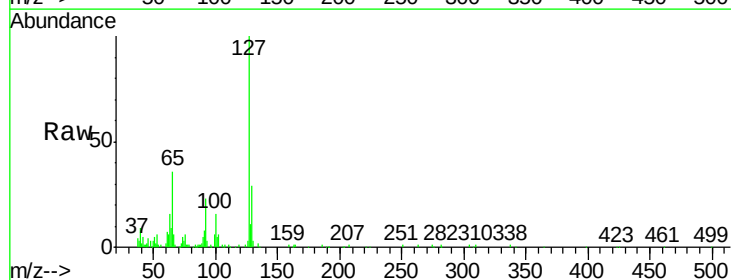
Instrument :
BNA_G
ClientSampleId :
PB91574BSD

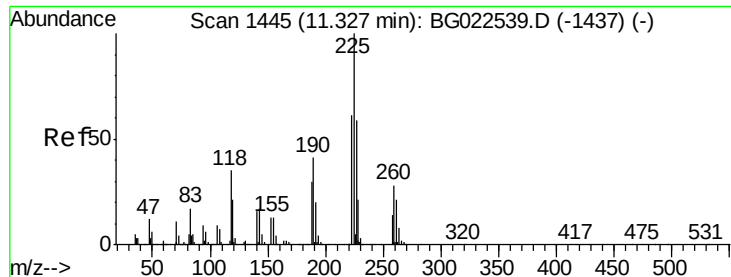
Tgt Ion:122 Resp: 196777
Ion Ratio Lower Upper
122 100
105 136.4 117.2 157.2
77 122.8 109.2 149.2



#33
4-Chloroaniline
Concen: 7.42 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion:127 Resp: 93361
Ion Ratio Lower Upper
127 100
129 29.5 27.9 41.9
65 36.3 36.8 55.2#
92 23.2 21.0 31.6

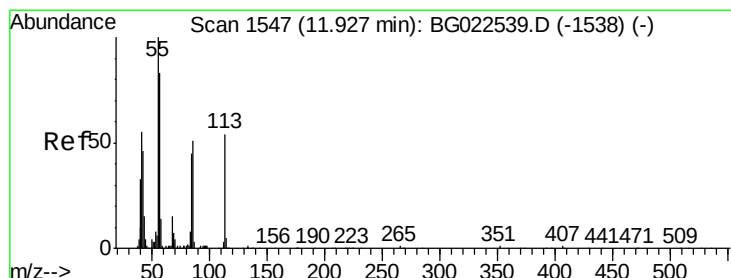
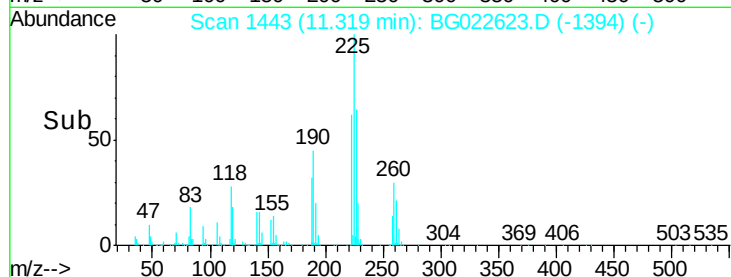
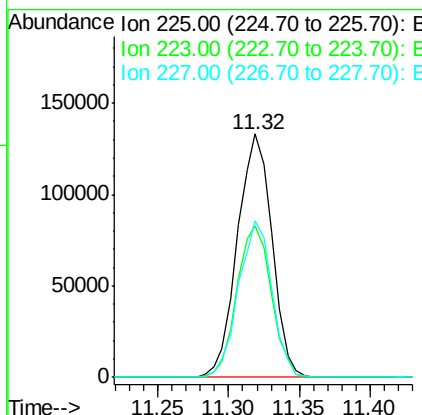
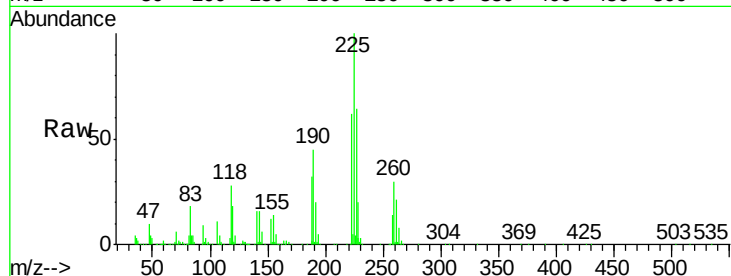




#34
Hexachlorobutadiene
Concen: 24.24 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

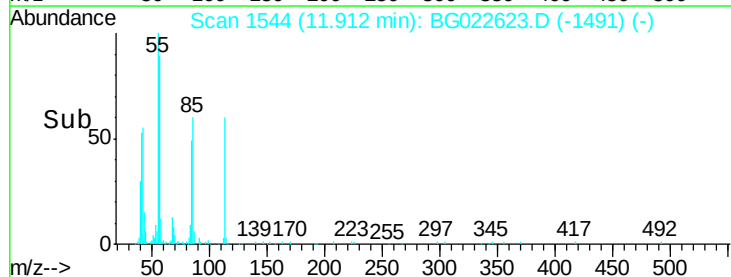
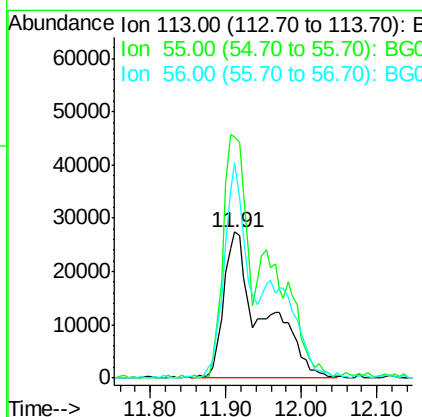
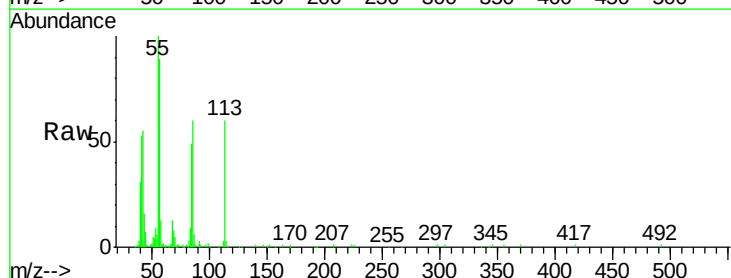
Instrument :
BNA_G
ClientSampleId :
PB91574BSD

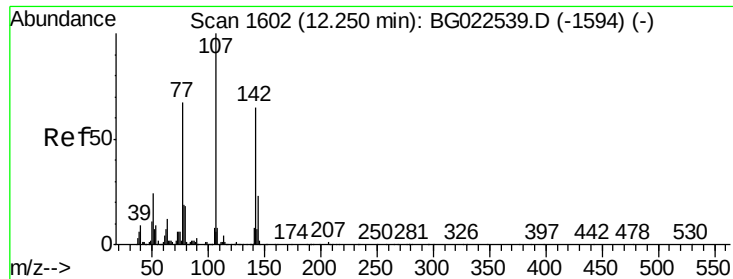
Tgt Ion: 225 Resp: 227680
Ion Ratio Lower Upper
225 100
223 62.0 49.6 74.4
227 66.7 54.5 81.7



#35
Caprolactam
Concen: 30.78 ng m
RT: 11.91 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion: 113 Resp: 98711
Ion Ratio Lower Upper
113 100
55 165.3 154.5 194.5
56 147.3 125.1 165.1

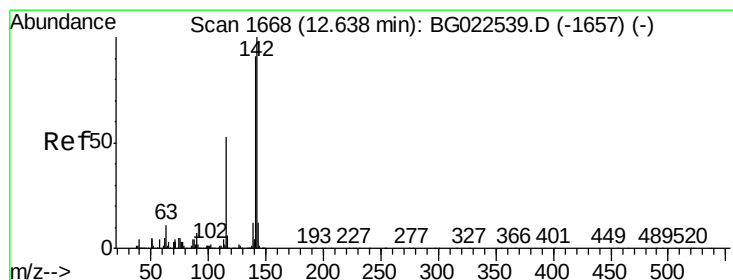
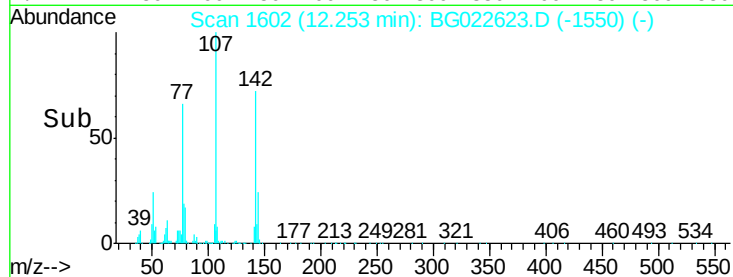
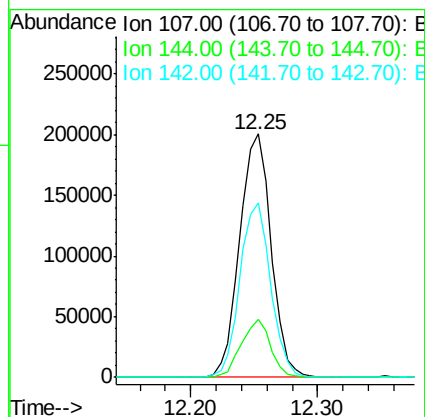
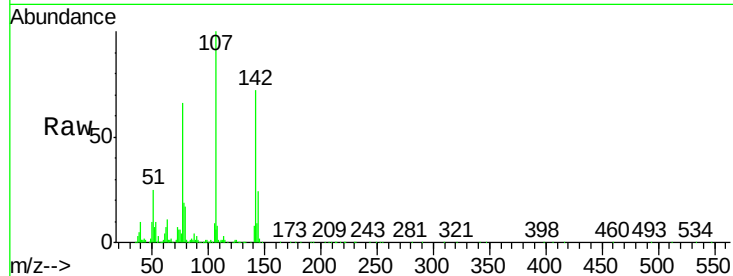




#36
 4-Chloro-3-methylphenol
 Concen: 27.63 ng
 RT: 12.25 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BG022623.D
 Acq: 27 Jun 2016 00:04

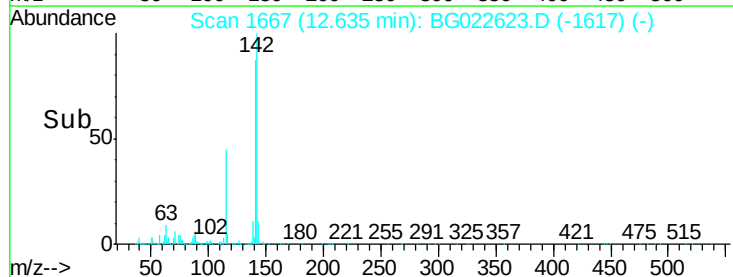
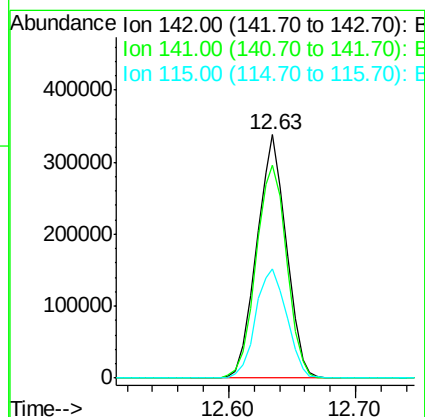
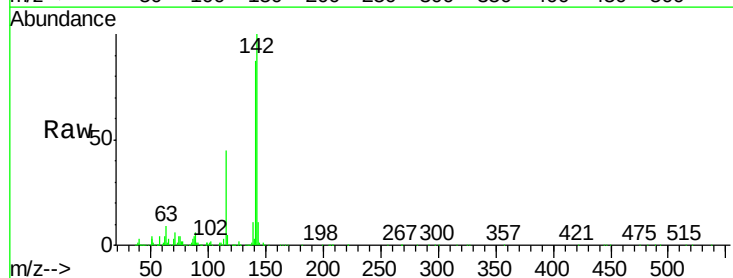
Instrument :
 BNA_G
 ClientSampleId :
 PB91574BSD

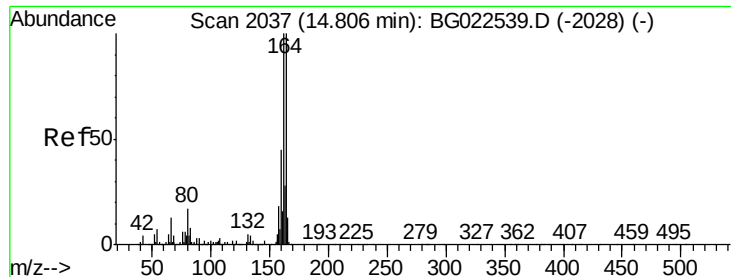
Tgt Ion:107 Resp: 345312
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.0 25.6
 142 71.8 53.0 79.6



#37
 2-Methylnaphthalene
 Concen: 24.15 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG022623.D
 Acq: 27 Jun 2016 00:04

Tgt Ion:142 Resp: 547250
 Ion Ratio Lower Upper
 142 100
 141 87.2 70.2 105.2
 115 44.9 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

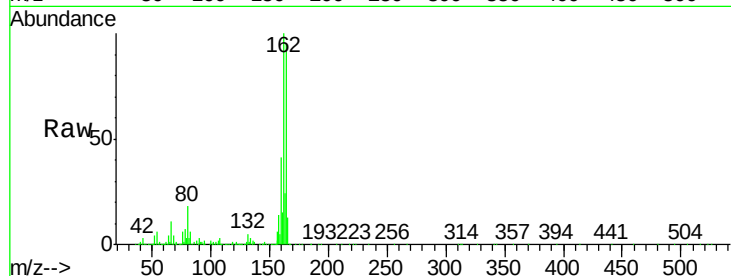
Tgt Ion:164 Resp: 433628

Ion Ratio Lower Upper

164 100

162 105.3 87.7 131.5

160 43.3 37.2 55.8

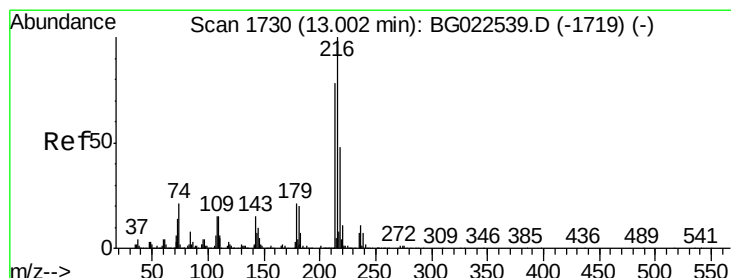
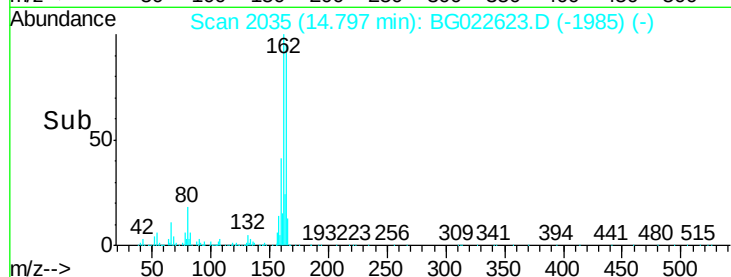
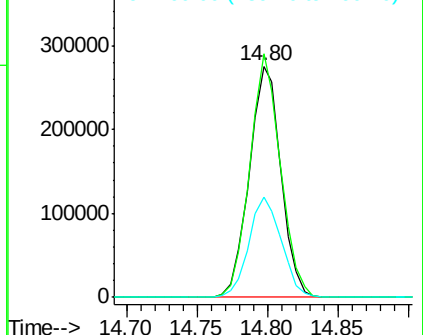


Abundance

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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.74 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Tgt Ion:216 Resp: 372258

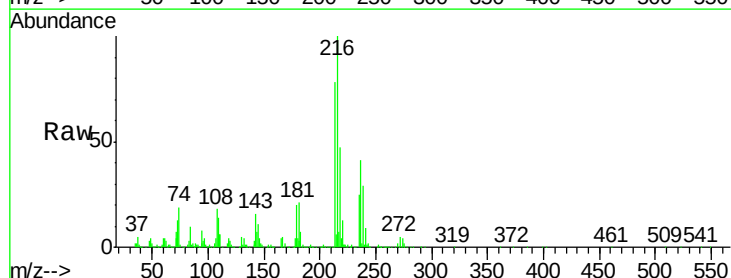
Ion Ratio Lower Upper

216 100

214 78.8 62.9 94.3

179 21.4 17.2 25.8

108 21.4 16.3 24.5



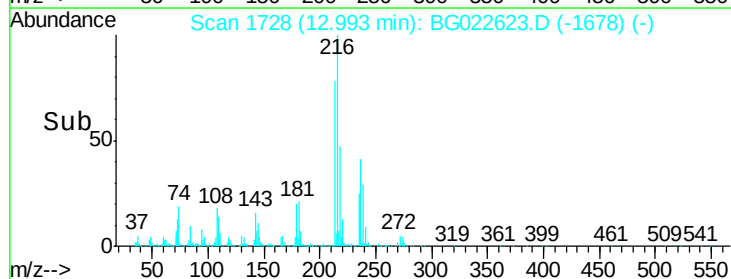
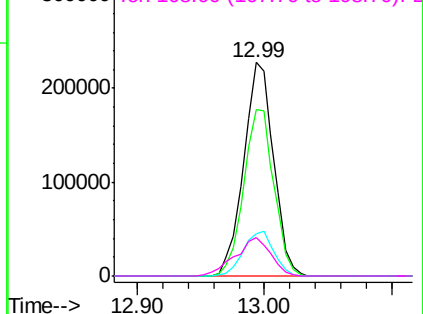
Abundance

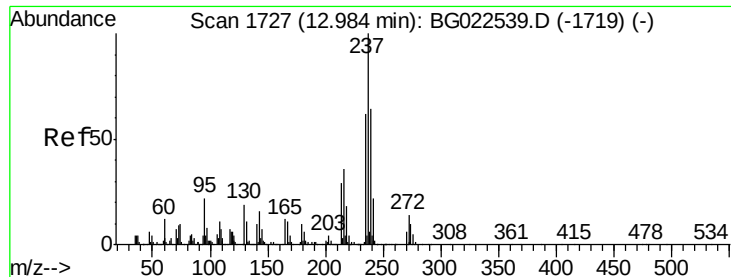
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 52.37 ng

RT: 12.98 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

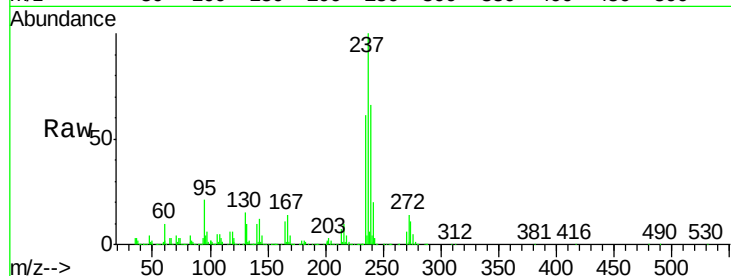
Tgt Ion:237 Resp: 684469

Ion Ratio Lower Upper

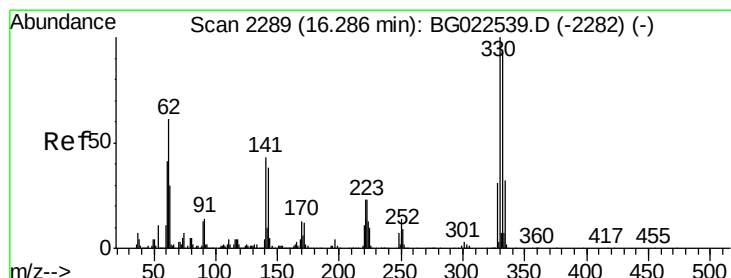
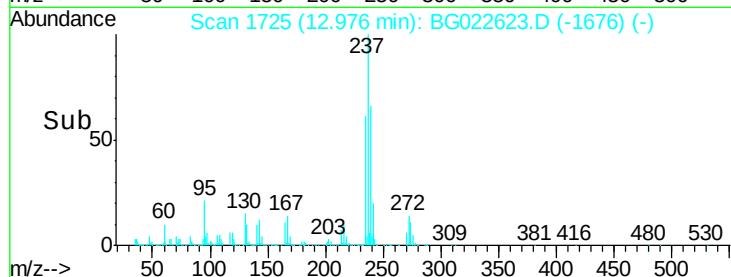
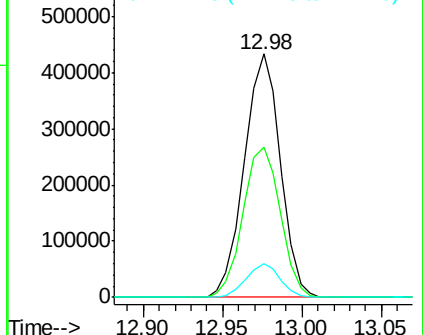
237 100

235 61.5 43.1 83.1

272 13.6 0.0 30.9



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: 130.84 ng

RT: 16.30 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

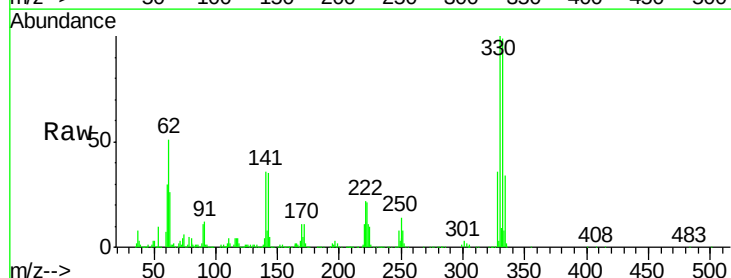
Tgt Ion:330 Resp: 892392

Ion Ratio Lower Upper

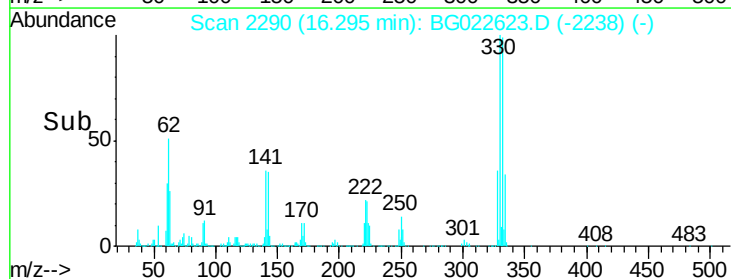
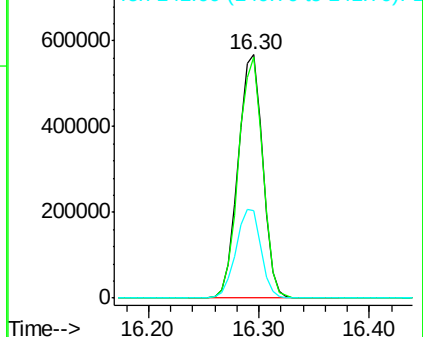
330 100

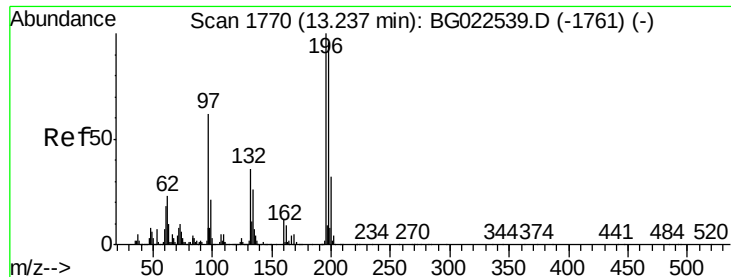
332 97.4 77.4 116.2

141 37.4 31.7 47.5



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

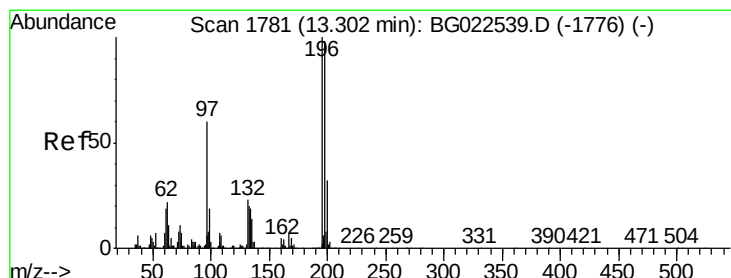
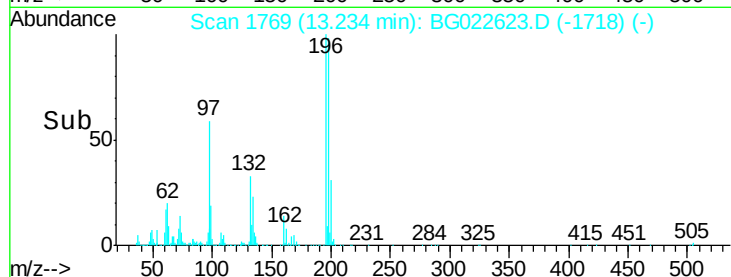
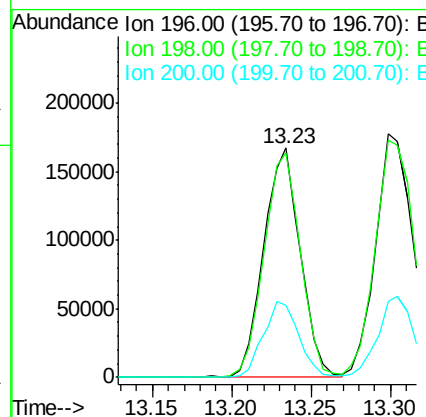
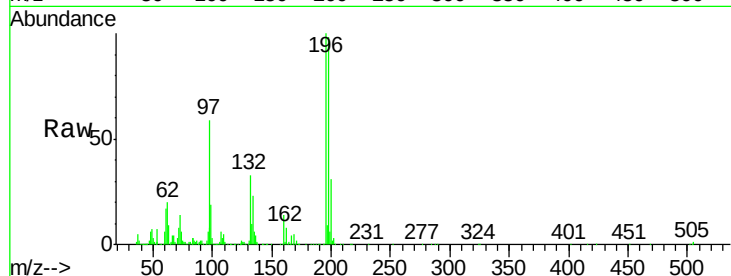




#42
2,4,6-Trichlorophenol
Concen: 25.52 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

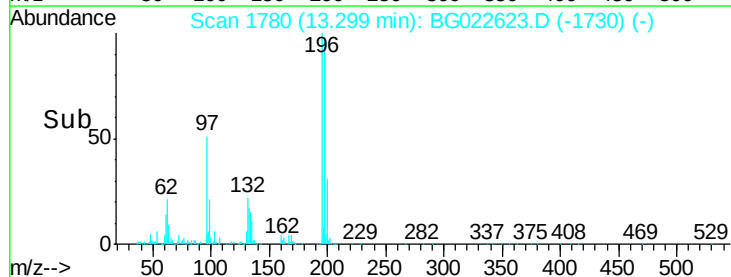
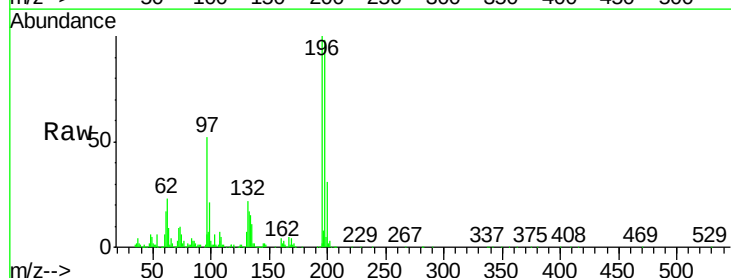
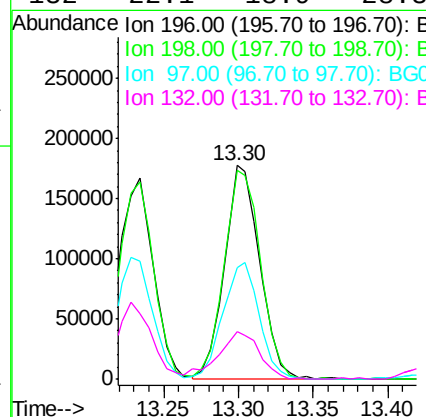
Instrument :
BNA_G
ClientSampleId :
PB91574BSD

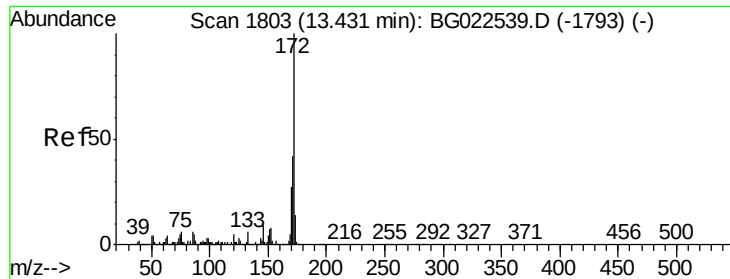
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.2	117.2
200	31.2	27.0	40.4



#43
2,4,5-Trichlorophenol
Concen: 26.72 ng
RT: 13.30 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	85.7	128.5
97	52.0	45.5	68.3
132	22.1	18.9	28.3

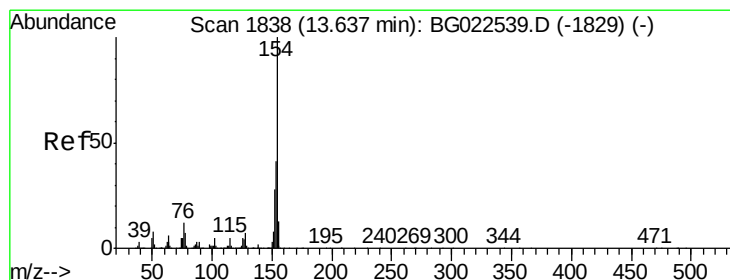
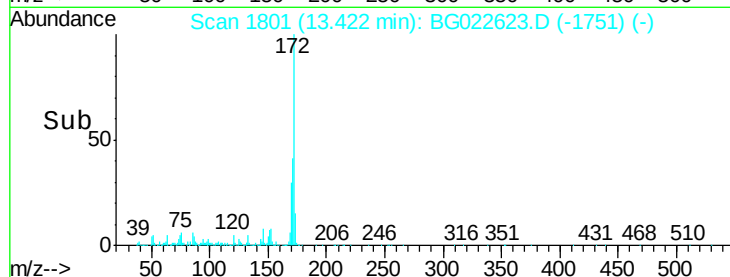
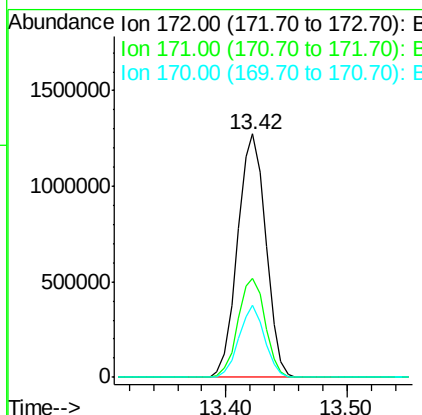
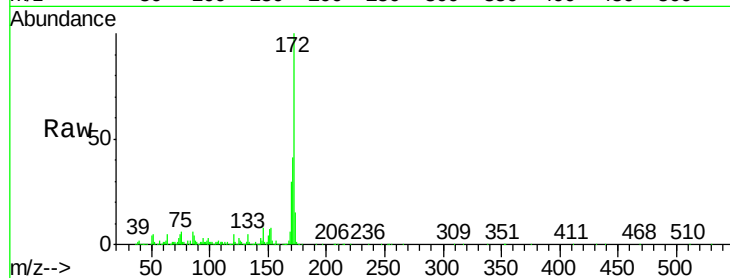




#44
2-Fluorobiphenyl
Concen: 75.85 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

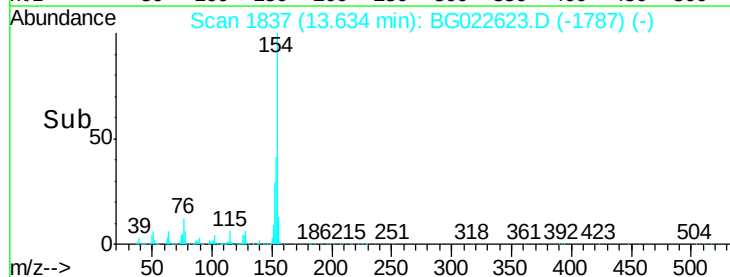
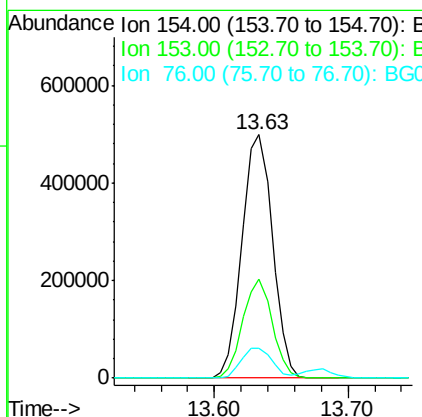
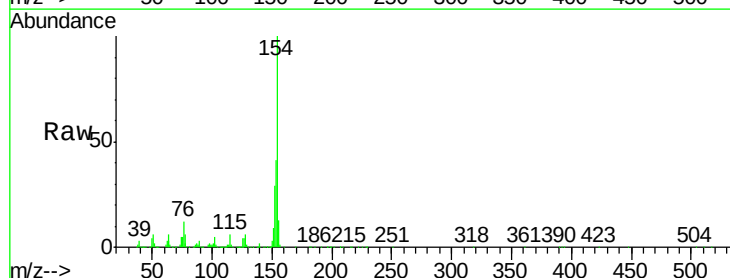
Instrument :
BNA_G
ClientSampleId :
PB91574BSD

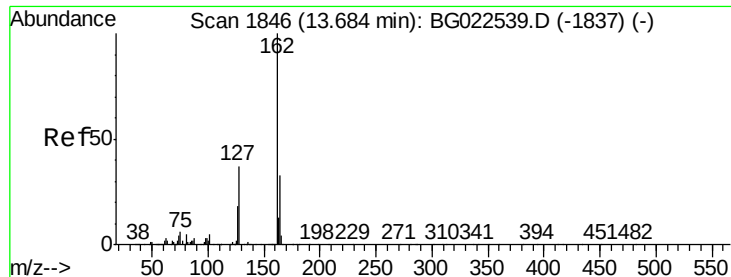
Tgt Ion:172 Resp: 2074073
Ion Ratio Lower Upper
172 100
171 40.9 31.6 47.4
170 29.6 21.3 31.9



#45
1,1'-Biphenyl
Concen: 23.88 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion:154 Resp: 788687
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 12.2 0.0 32.9

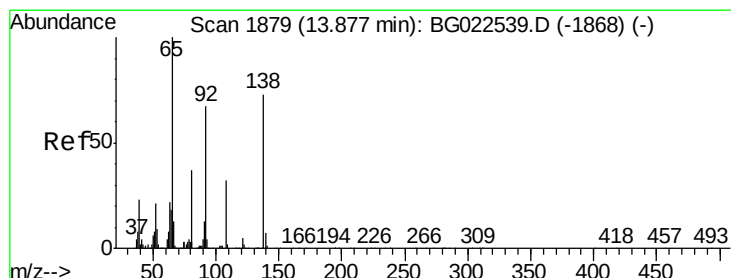
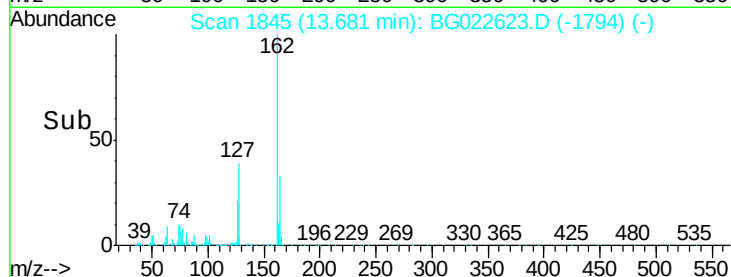
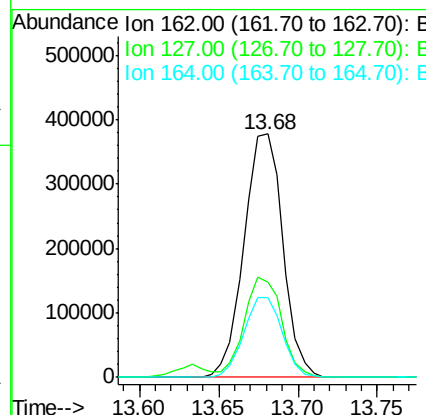
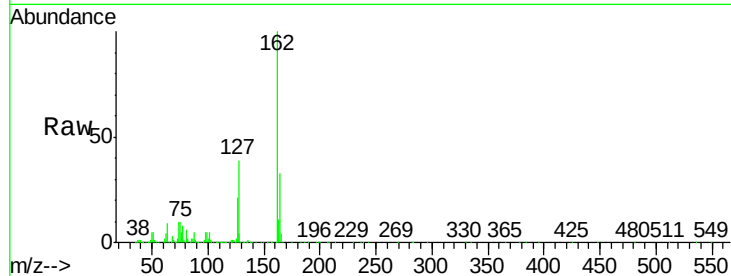




#46
2-Chloronaphthalene
Concen: 23.60 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

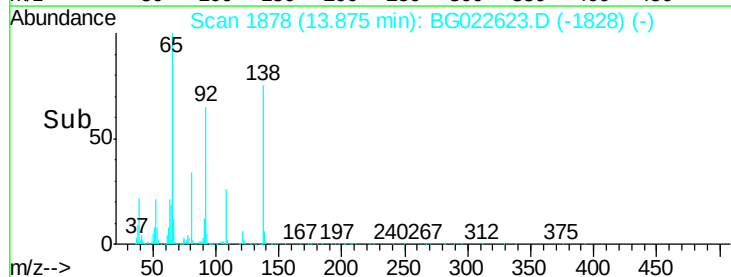
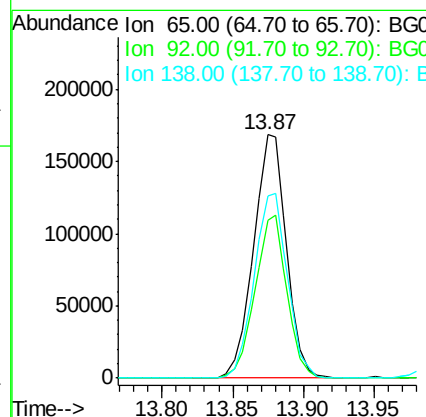
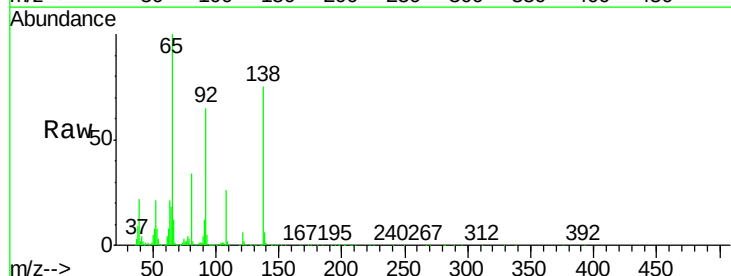
Instrument :
BNA_G
ClientSampleId :
PB91574BSD

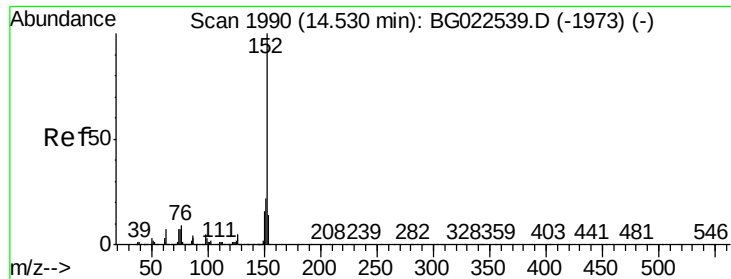
Tgt Ion: 162 Resp: 641457
Ion Ratio Lower Upper
162 100
127 39.3 32.4 48.6
164 32.9 25.2 37.8



#47
2-Nitroaniline
Concen: 26.25 ng
RT: 13.87 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion: 65 Resp: 275362
Ion Ratio Lower Upper
65 100
92 65.1 49.4 74.0
138 74.8 58.0 87.0





#48

Acenaphthylene

Concen: 24.70 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

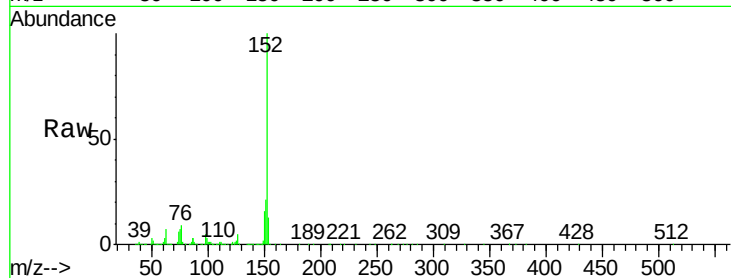
Tgt Ion:152 Resp: 973932

Ion Ratio Lower Upper

152 100

151 21.2 17.6 26.4

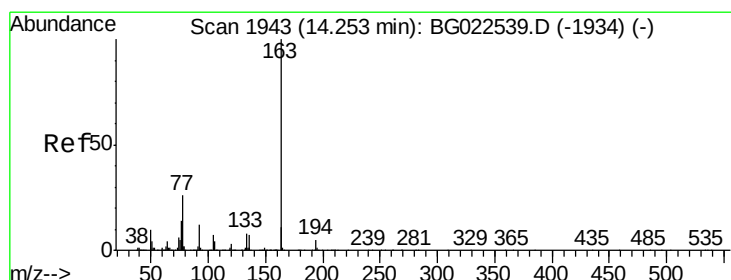
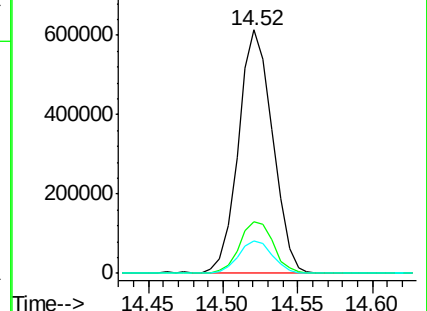
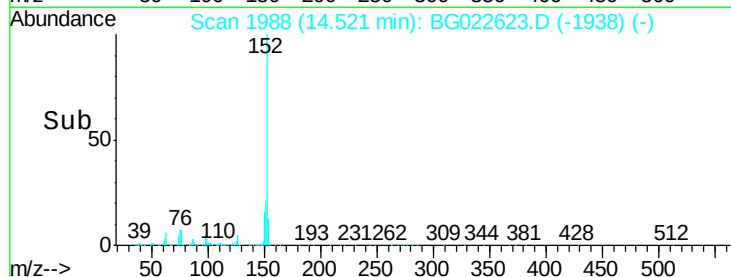
153 13.3 11.4 17.2



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



#49

Dimethylphthalate

Concen: 24.98 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

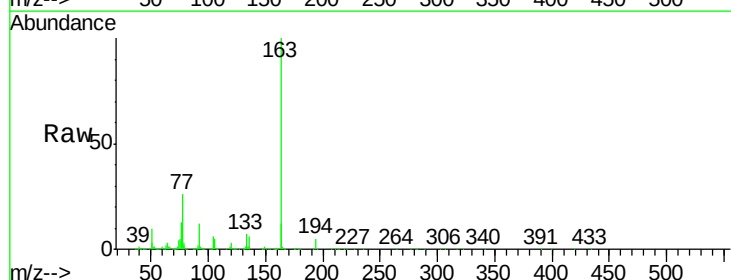
Tgt Ion:163 Resp: 898447

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

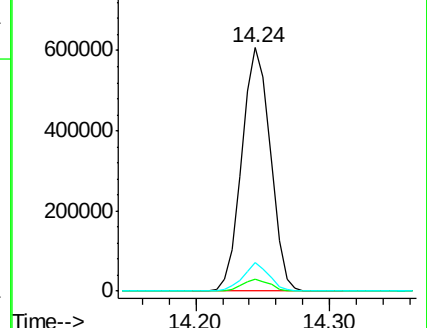
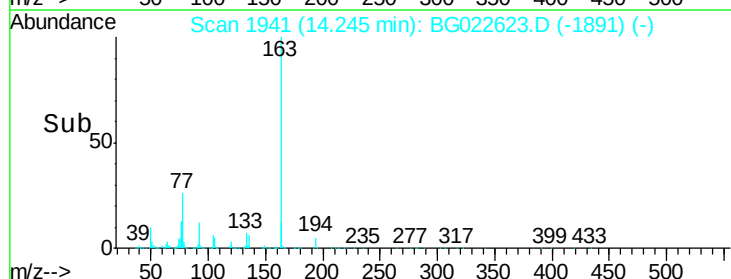
164 12.0 8.1 12.1

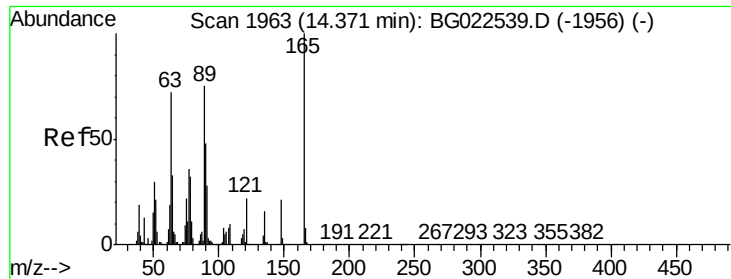


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 26.54 ng

RT: 14.37 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

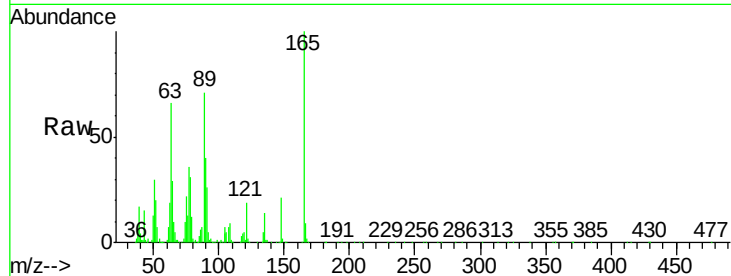
Tgt Ion:165 Resp: 207468

Ion Ratio Lower Upper

165 100

63 65.6 64.3 96.5

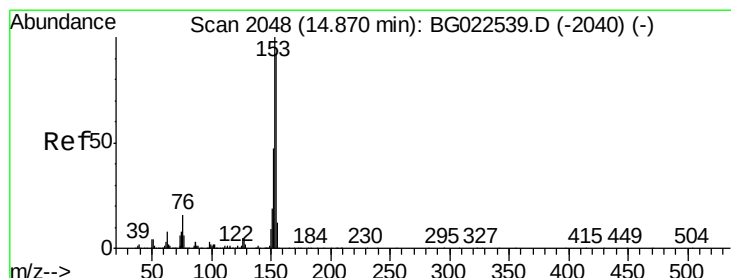
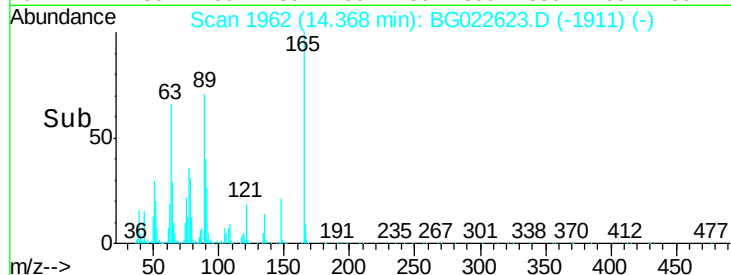
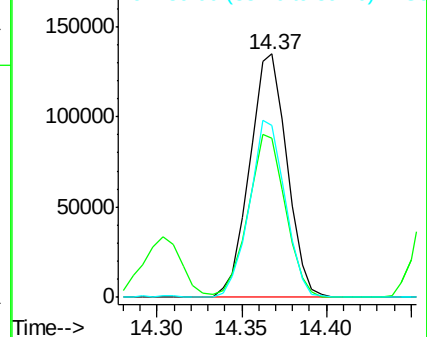
89 70.5 64.3 96.5



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



#51

Acenaphthene

Concen: 22.04 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

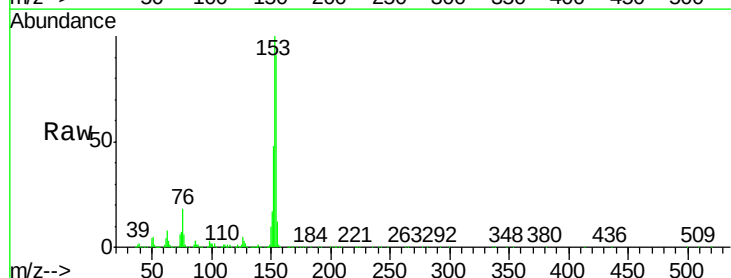
Tgt Ion:154 Resp: 640065

Ion Ratio Lower Upper

154 100

153 110.0 87.5 131.3

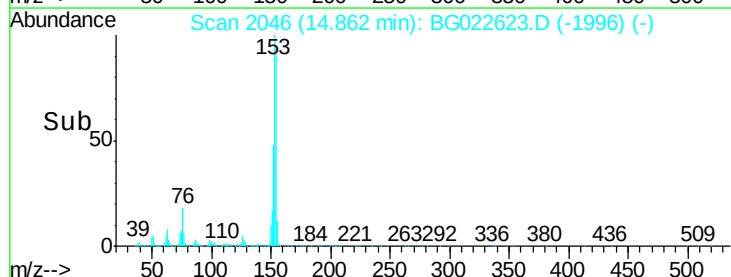
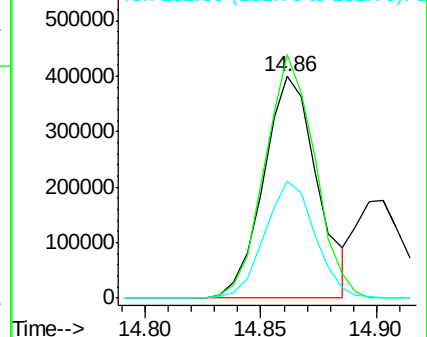
152 52.7 42.7 64.1

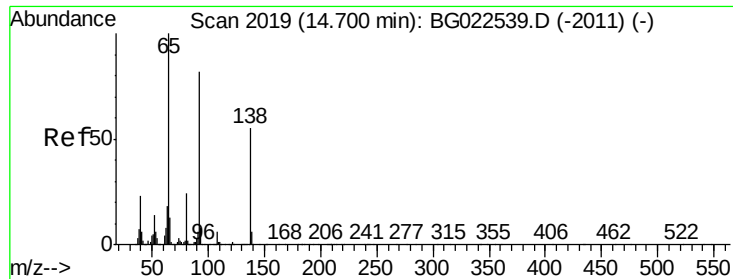


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 16.68 ng

RT: 14.70 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

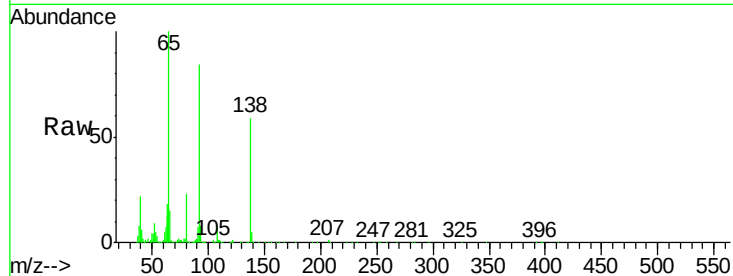
Tgt Ion:138 Resp: 122020

Ion Ratio Lower Upper

138 100

108 14.3 11.7 17.5

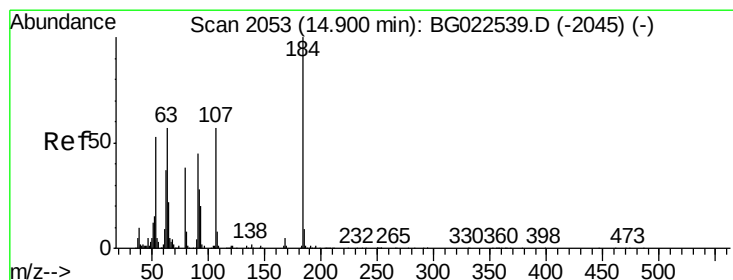
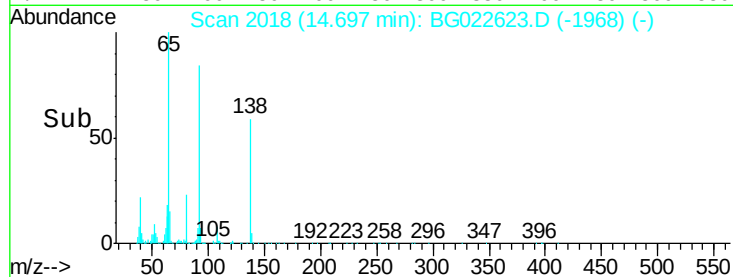
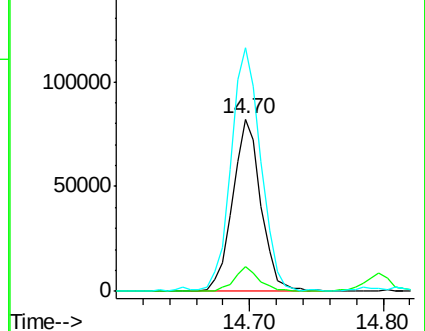
92 141.2 129.7 194.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 75.40 ng

RT: 14.90 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

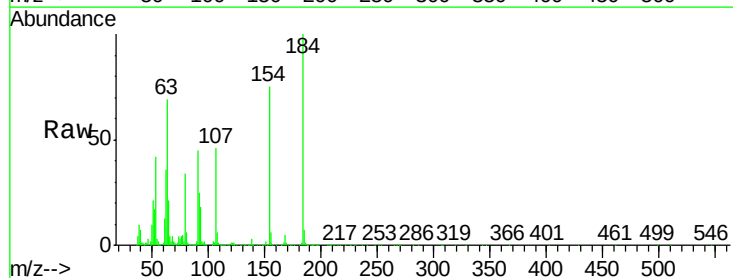
Tgt Ion:184 Resp: 363008

Ion Ratio Lower Upper

184 100

63 68.8 59.6 89.4

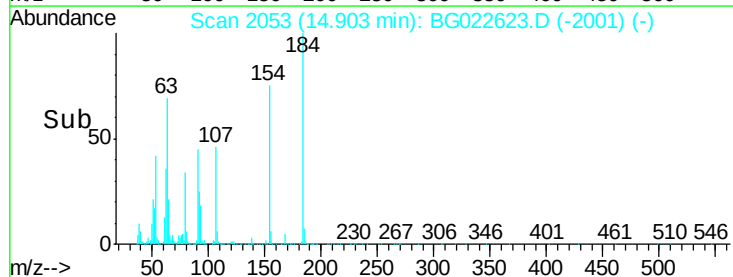
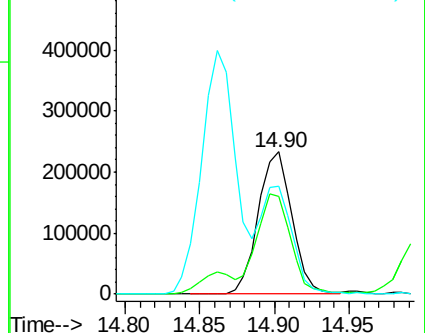
154 75.4 67.4 101.0

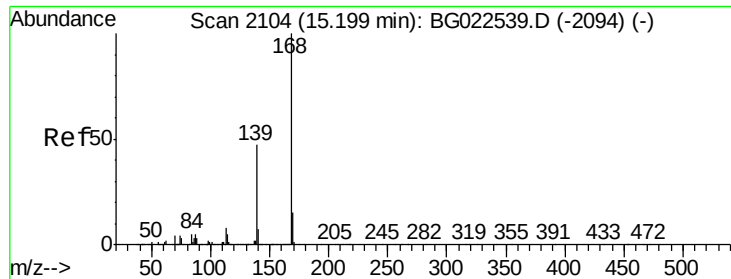


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 25.00 ng

RT: 15.20 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

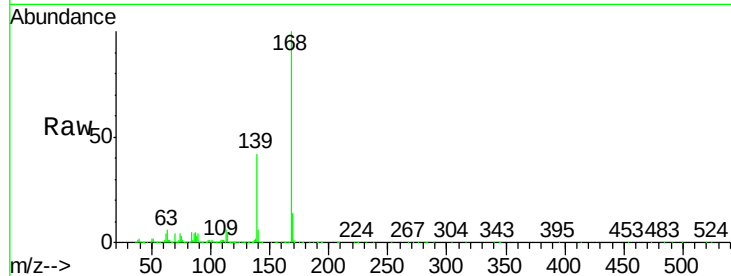
Tgt Ion:168 Resp: 1051680

Ion Ratio Lower Upper

168 100

139 42.0 36.4 54.6

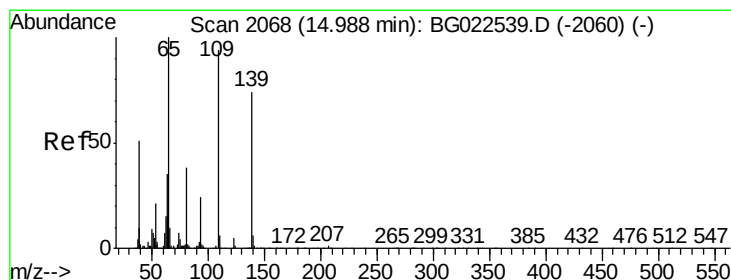
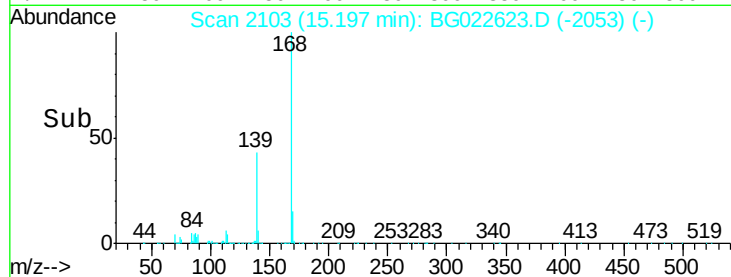
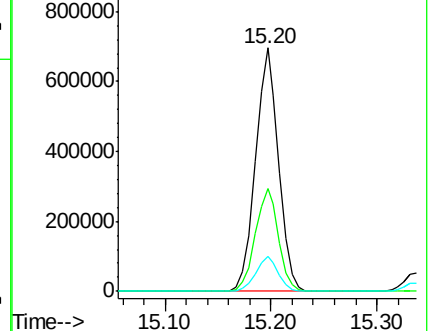
169 14.5 11.9 17.9



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



#55

4-Nitrophenol

Concen: 74.47 ng

RT: 15.00 min Scan# 2070

Delta R.T. 0.02 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

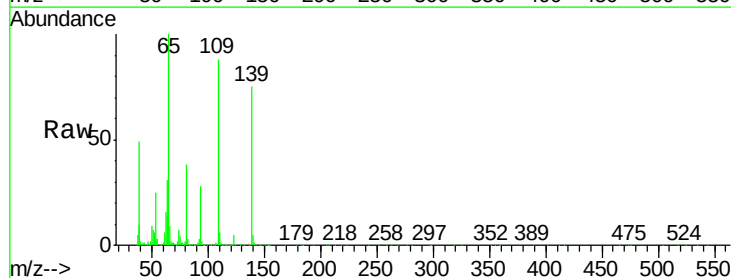
Tgt Ion:139 Resp: 460601

Ion Ratio Lower Upper

139 100

109 118.1 103.0 143.0

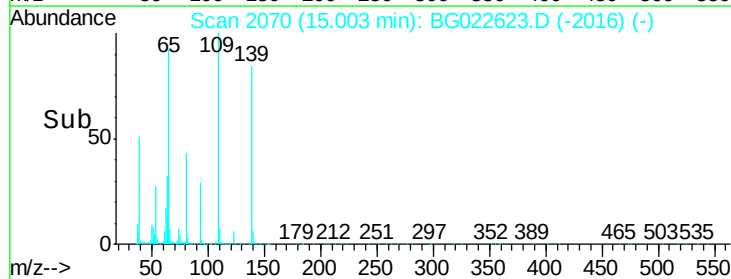
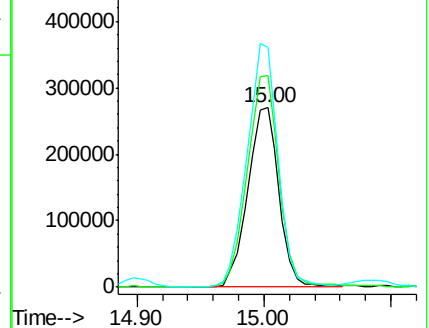
65 134.0 112.7 152.7

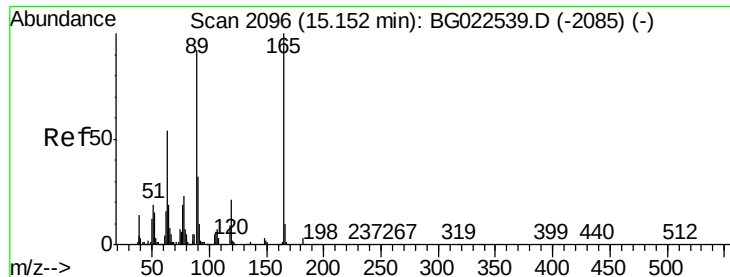


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

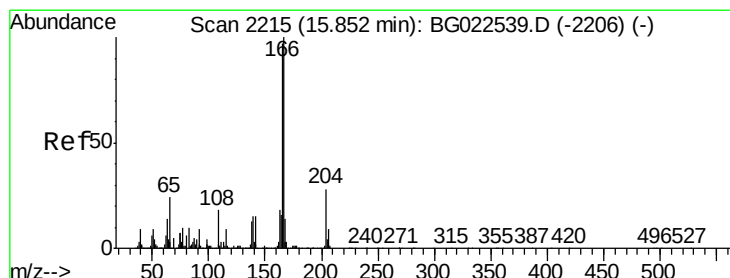
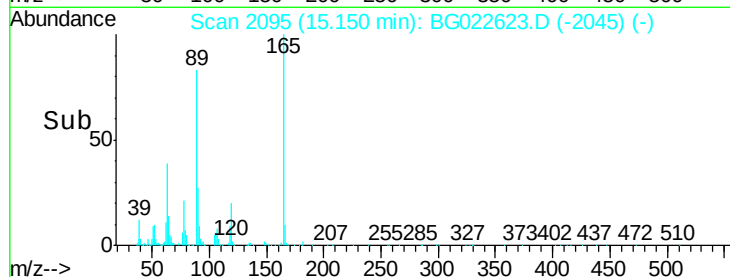
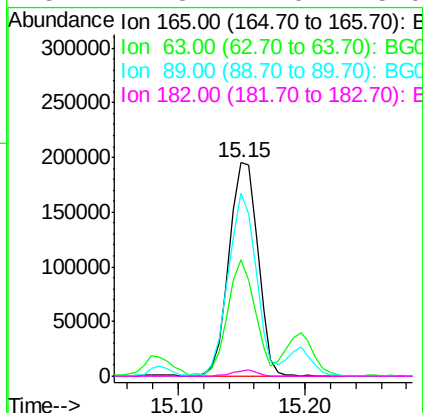
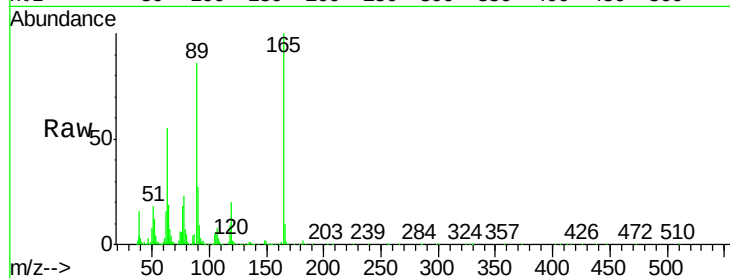




#56
2,4-Dinitrotoluene
Concen: 28.50 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

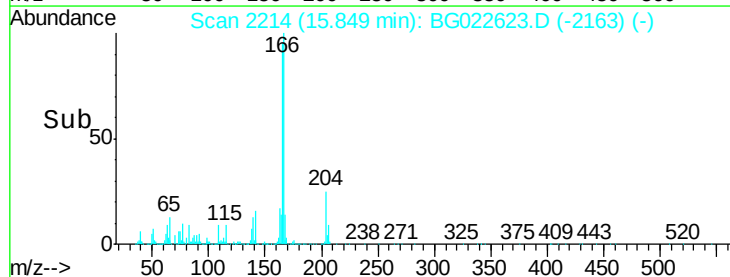
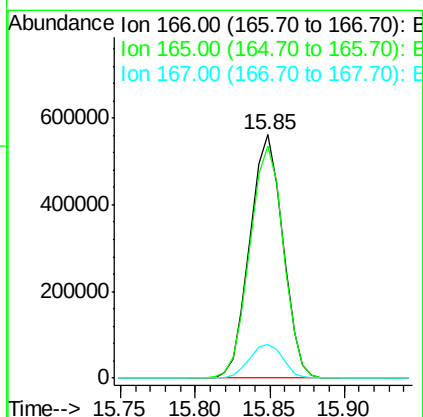
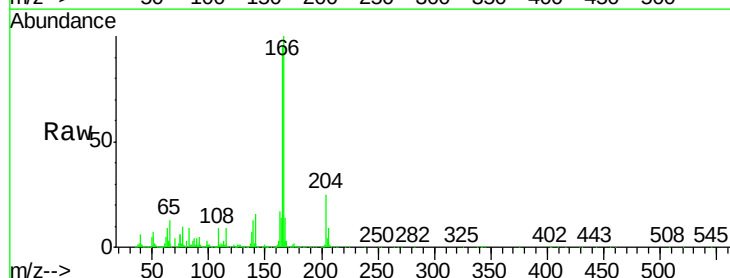
Instrument :
BNA_G
ClientSampleId :
PB91574BSD

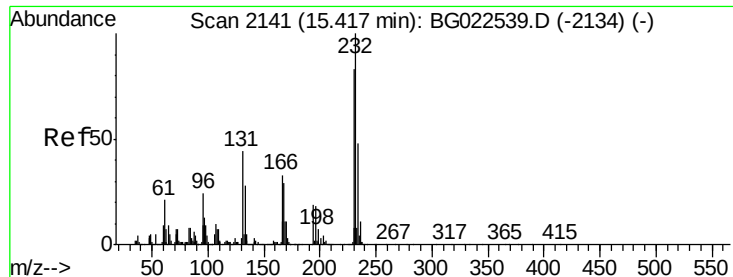
Tgt Ion:165 Resp: 308587
Ion Ratio Lower Upper
165 100
63 54.7 45.8 68.6
89 85.5 68.6 102.8
182 2.3 2.0 3.0



#57
Fluorene
Concen: 25.62 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion:166 Resp: 860015
Ion Ratio Lower Upper
166 100
165 95.2 81.0 121.6
167 13.9 12.0 18.0

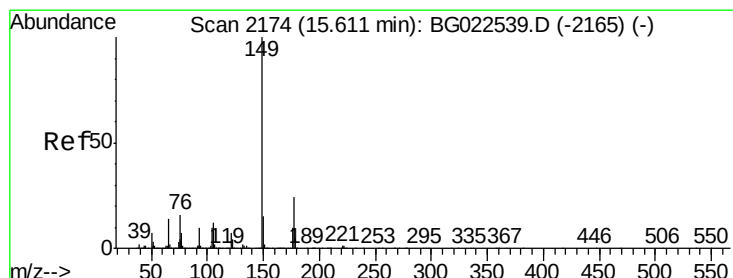
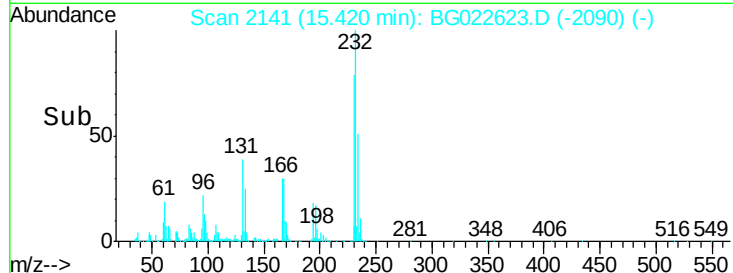
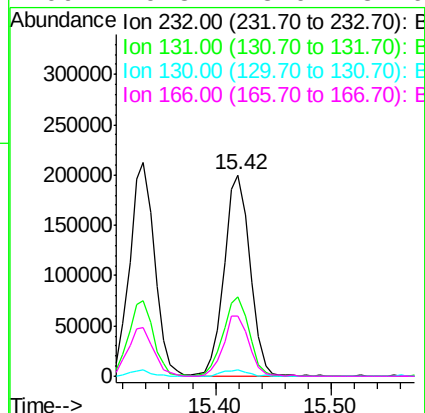
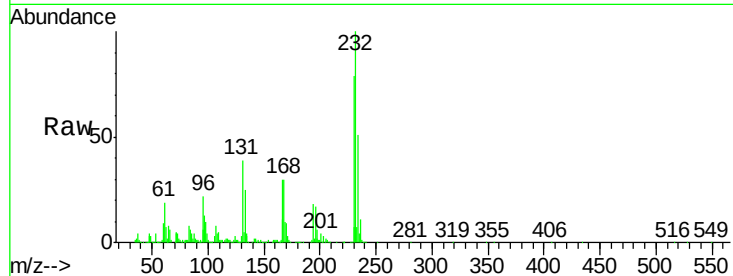




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.26 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG022623.D
 Acq: 27 Jun 2016 00:04

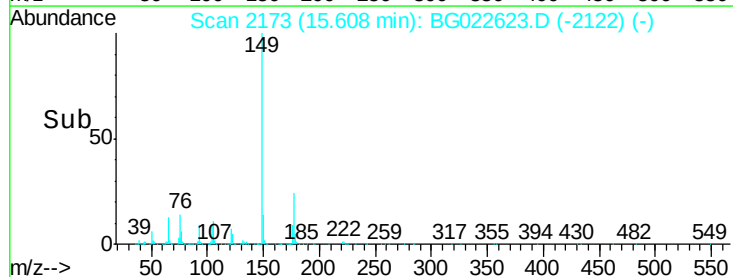
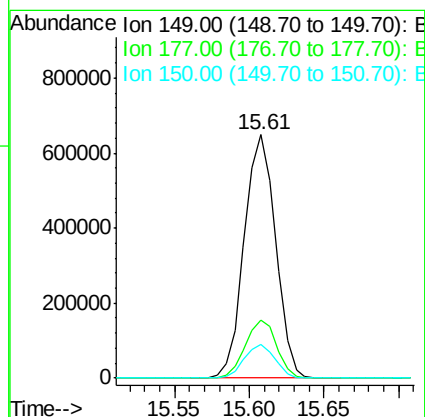
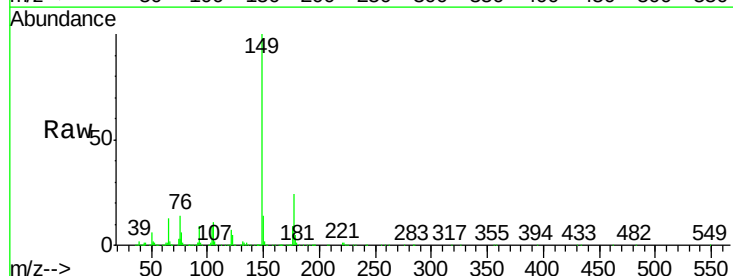
Instrument :
 BNA_G
 ClientSampleId :
 PB91574BSD

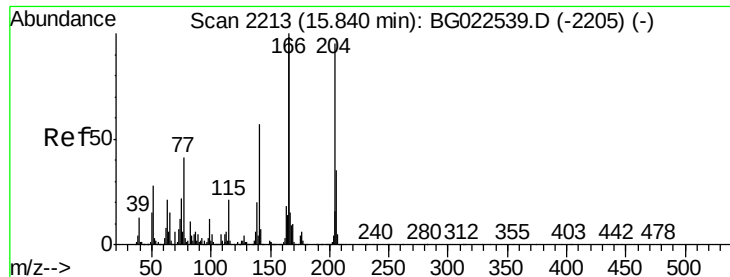
Tgt Ion:	232	Resp:	310441
Ion	Ratio	Lower	Upper
232	100		
131	39.7	32.7	49.1
130	2.8	2.6	3.8
166	29.8	23.0	34.6



#59
 Diethylphthalate
 Concen: 25.53 ng
 RT: 15.61 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG022623.D
 Acq: 27 Jun 2016 00:04

Tgt Ion:	149	Resp:	944045
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.2	28.8
150	14.0	10.6	16.0





#60

4-Chlorophenyl-phenylether

Concen: 24.98 ng

RT: 15.84 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

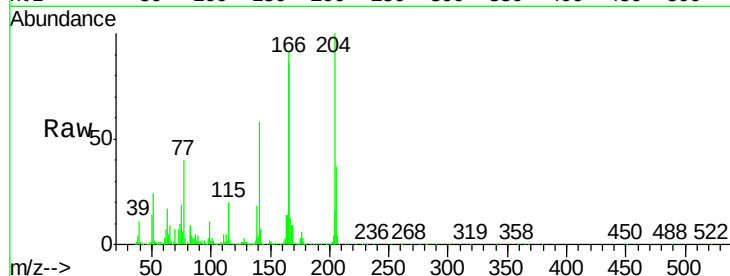
Tgt Ion:204 Resp: 499284

Ion Ratio Lower Upper

204 100

206 36.7 28.5 42.7

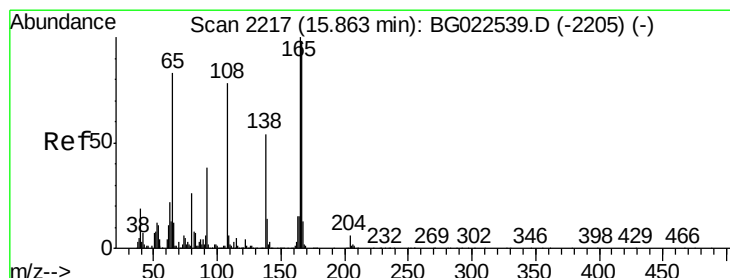
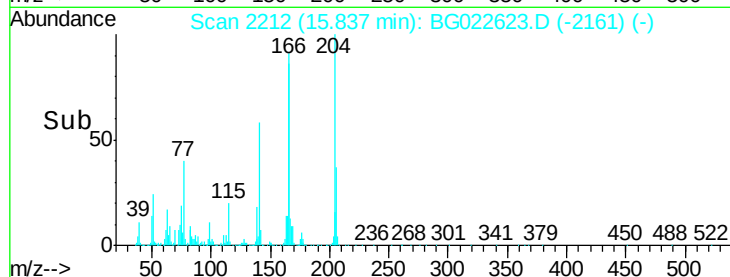
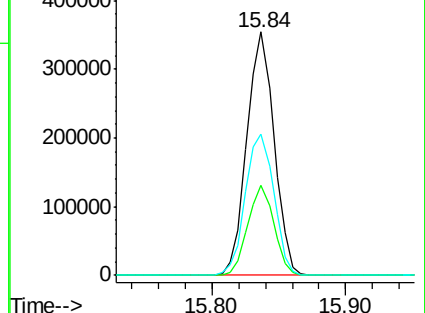
141 58.0 51.4 77.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 27.42 ng

RT: 15.87 min Scan# 2217

Delta R.T. 0.02 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

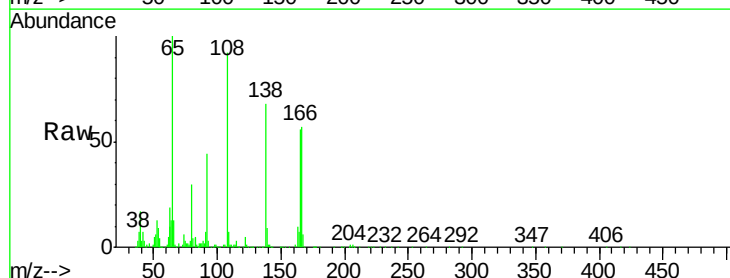
Tgt Ion:138 Resp: 206948

Ion Ratio Lower Upper

138 100

92 64.6 54.1 94.1

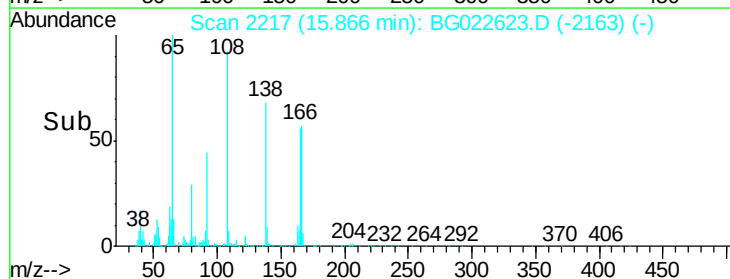
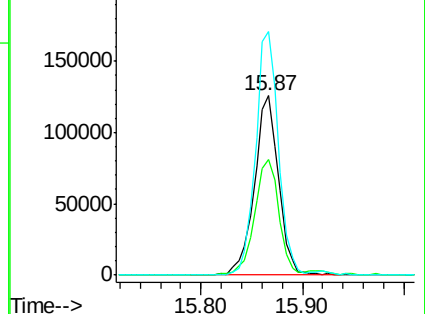
108 135.7 133.9 173.9

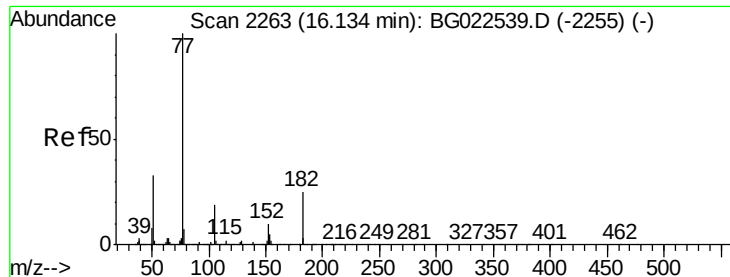


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 24.75 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

Tgt Ion: 77 Resp: 991071

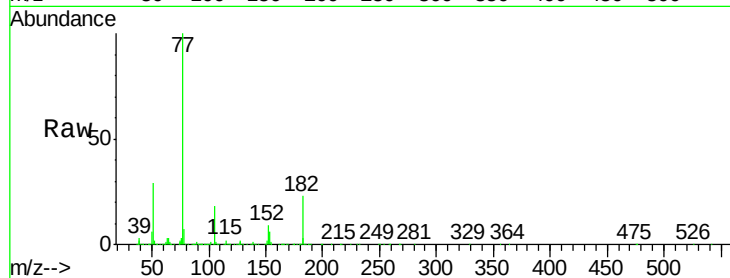
Ion Ratio Lower Upper

77 100

182 23.2 3.5 43.5

105 18.0 0.0 38.5

51 29.2 17.1 57.1

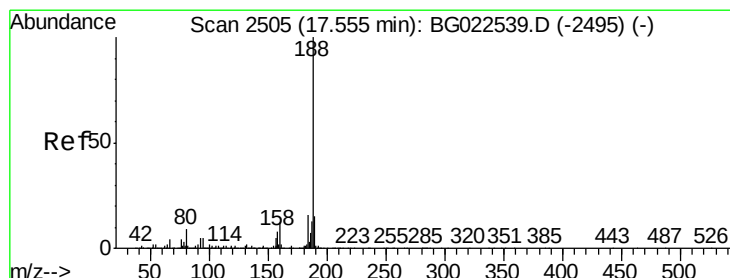
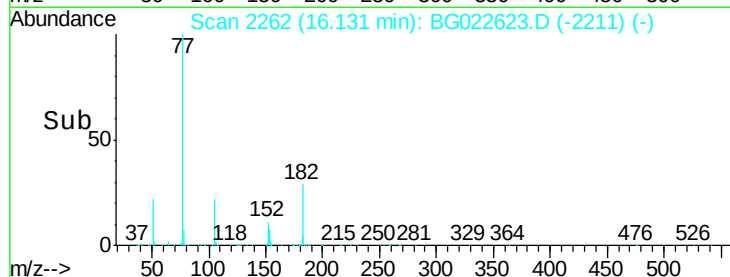
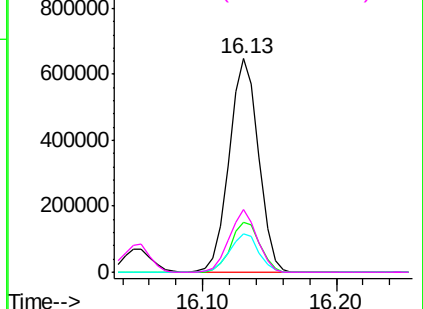


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

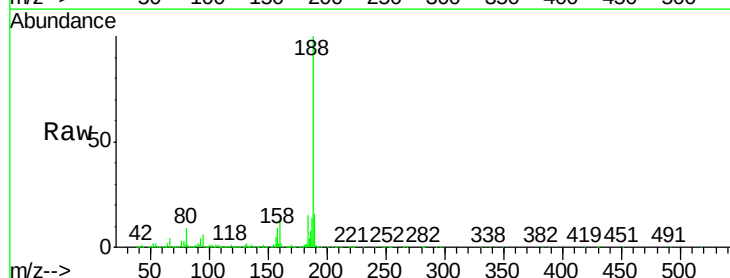
Tgt Ion: 188 Resp: 1146963

Ion Ratio Lower Upper

188 100

94 6.3 5.2 7.8

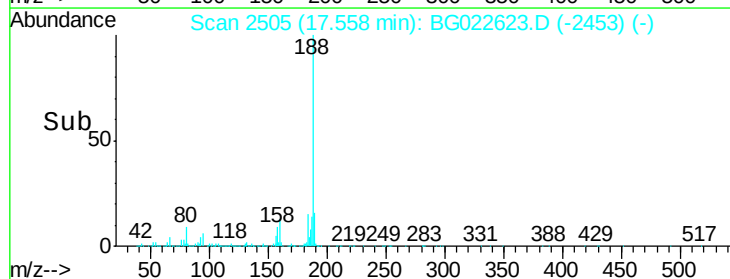
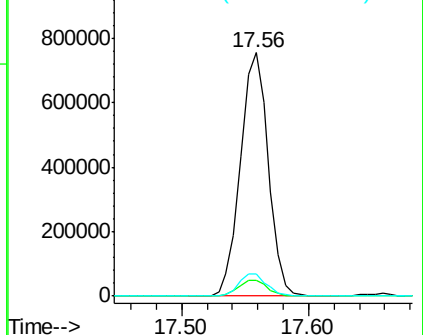
80 8.9 7.2 10.8

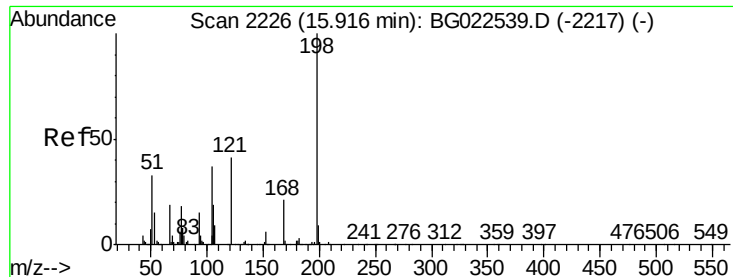


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

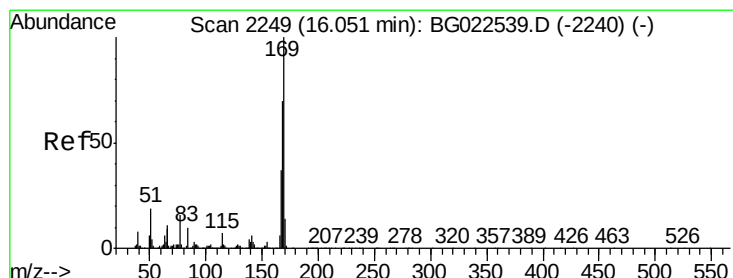
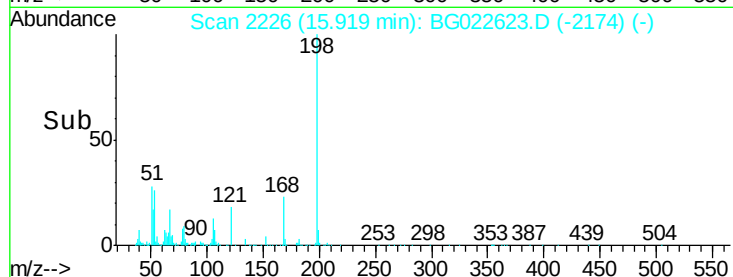
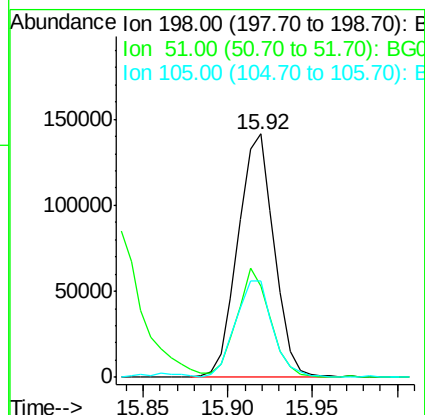
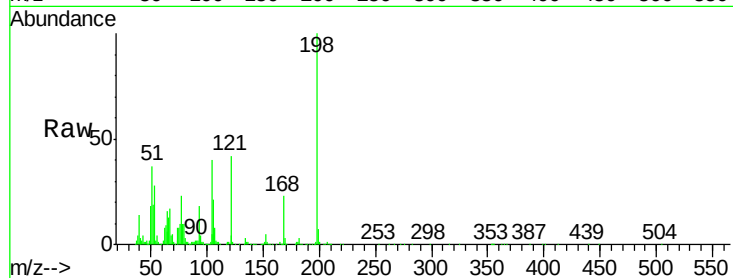




#64
4,6-Dinitro-2-methylphenol
Concen: 27.40 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

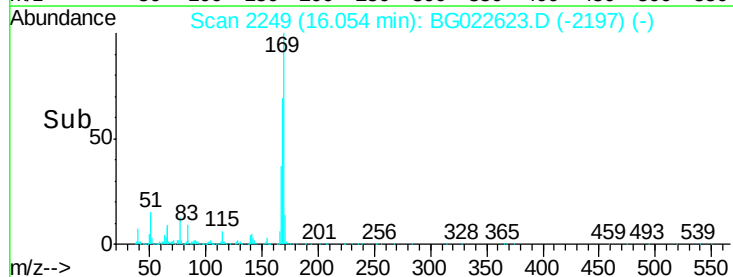
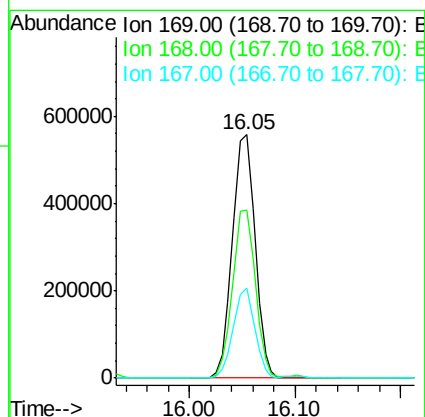
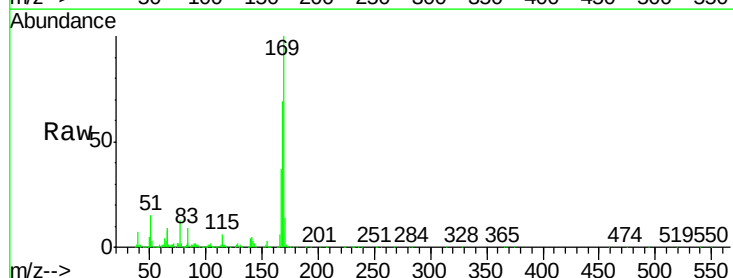
Instrument :
BNA_G
ClientSampleId :
PB91574BSD

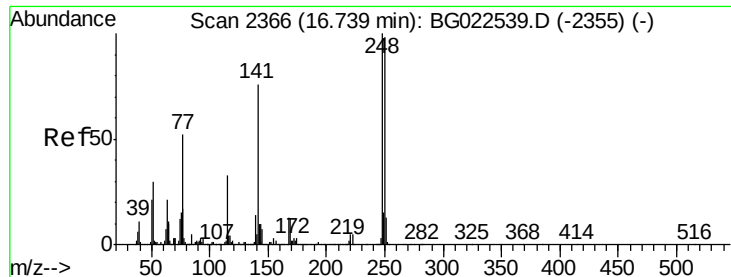
Tgt Ion:198 Resp: 210779
Ion Ratio Lower Upper
198 100
51 37.3 26.0 66.0
105 39.7 20.1 60.1



#65
n-Nitrosodiphenylamine
Concen: 24.84 ng
RT: 16.05 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion:169 Resp: 829139
Ion Ratio Lower Upper
169 100
168 69.1 55.0 82.4
167 37.0 27.4 41.0

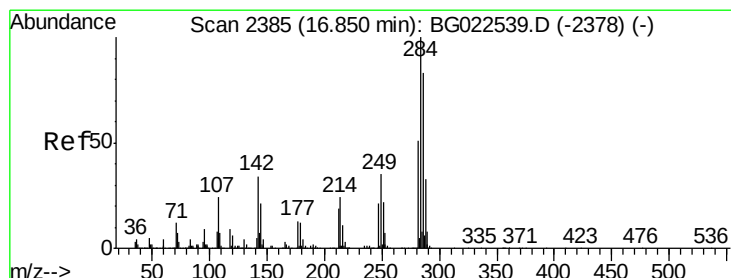
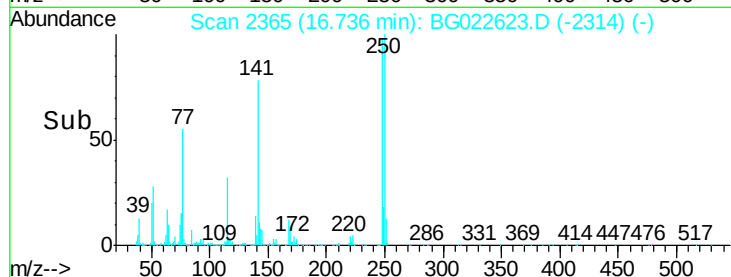
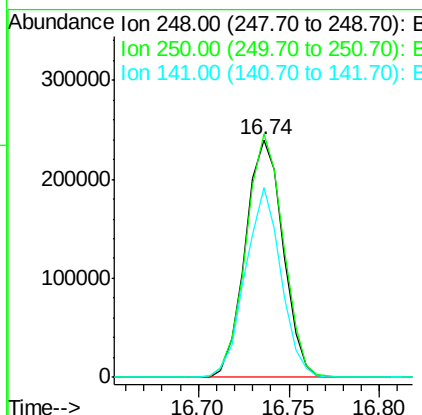
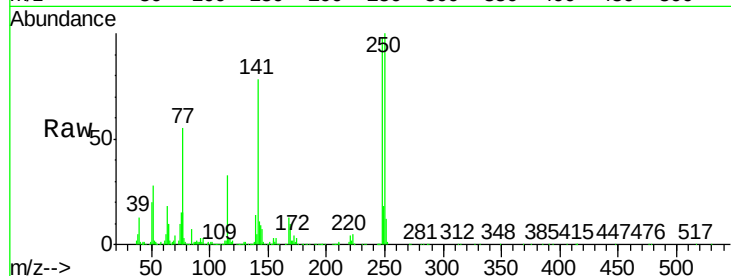




#66
4-Bromophenyl-phenylether
Concen: 23.25 ng
RT: 16.74 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

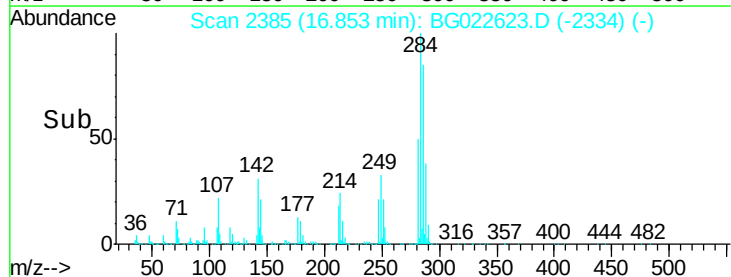
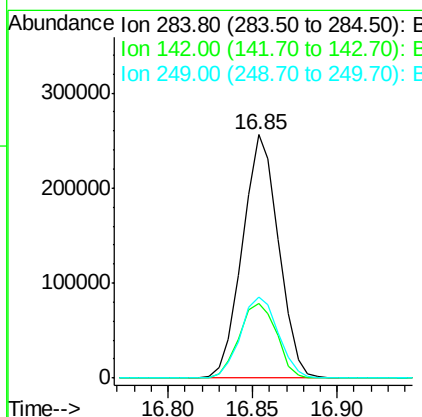
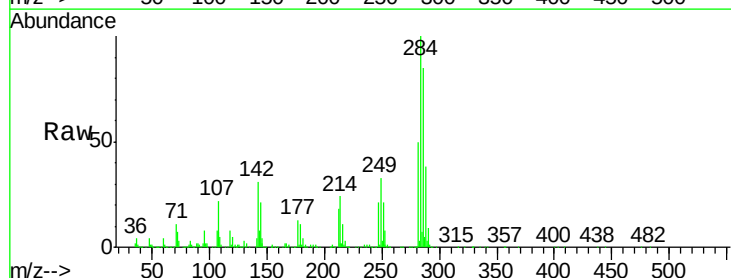
Instrument :
BNA_G
ClientSampleId :
PB91574BSD

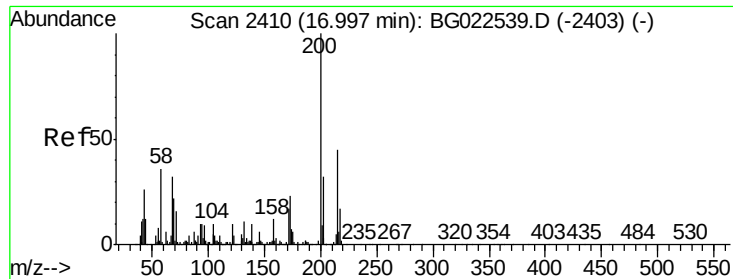
Tgt Ion:248 Resp: 345905
Ion Ratio Lower Upper
248 100
250 102.5 77.8 116.8
141 80.1 65.7 98.5



#67
Hexachlorobenzene
Concen: 24.22 ng
RT: 16.85 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion:284 Resp: 381116
Ion Ratio Lower Upper
284 100
142 30.8 26.8 40.2
249 33.3 28.9 43.3

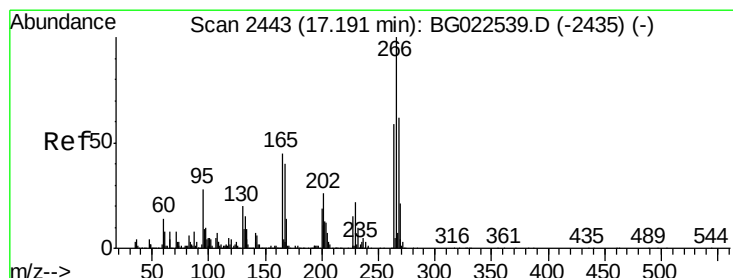
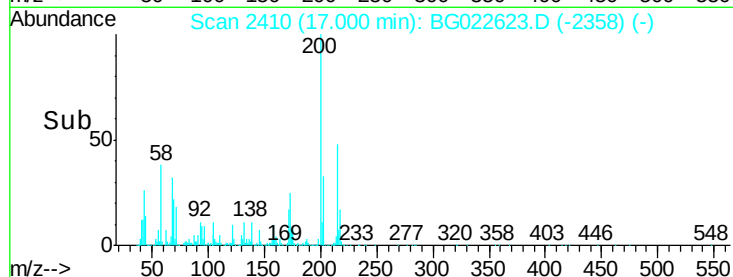
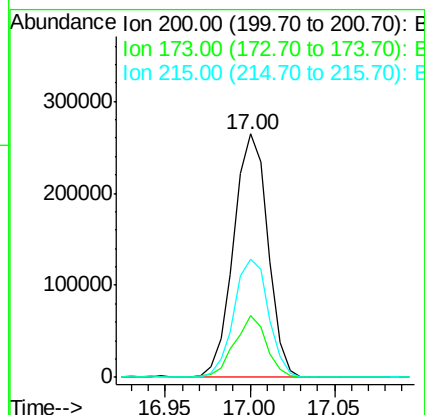
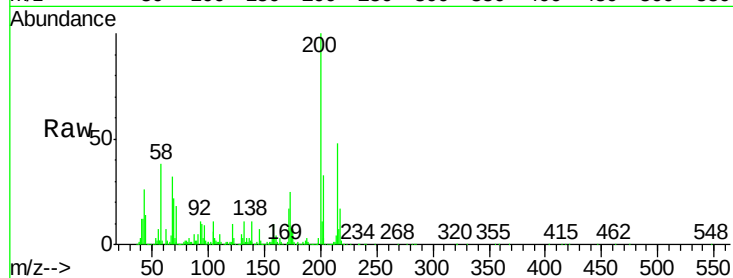




#68
Atrazine
Concen: 26.55 ng
RT: 17.00 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

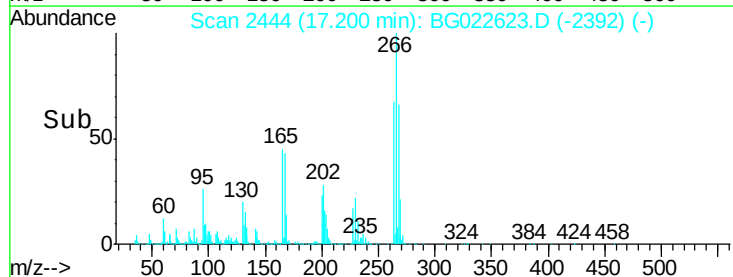
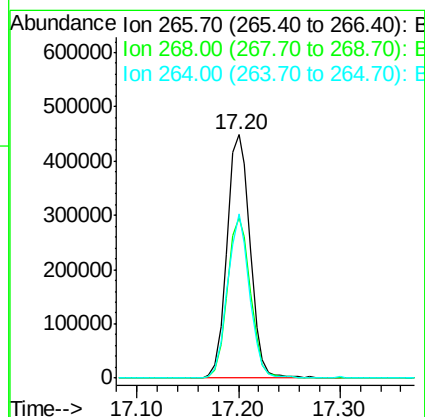
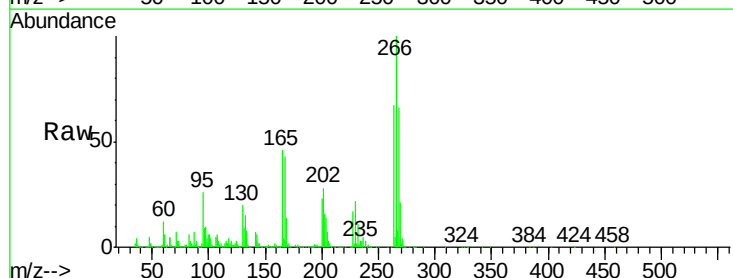
Instrument :
BNA_G
ClientSampleId :
PB91574BSD

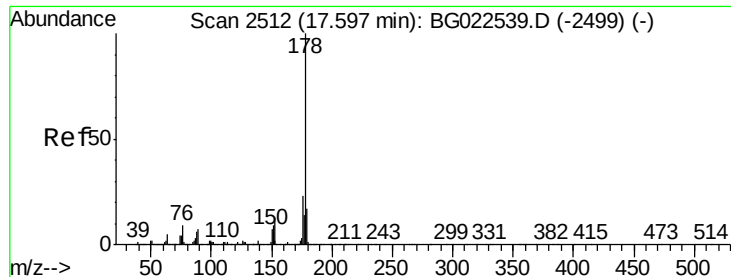
Tgt Ion:200 Resp: 374195
Ion Ratio Lower Upper
200 100
173 25.4 1.6 41.6
215 48.5 28.7 68.7



#69
Pentachlorophenol
Concen: 65.66 ng
RT: 17.20 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion:266 Resp: 710882
Ion Ratio Lower Upper
266 100
268 65.9 51.9 77.9
264 67.2 50.6 75.8





#70

Phenanthrene

Concen: 25.68 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

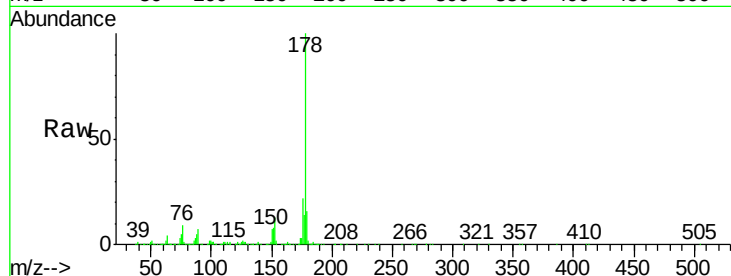
Tgt Ion:178 Resp: 1501972

Ion Ratio Lower Upper

178 100

176 21.7 16.8 25.2

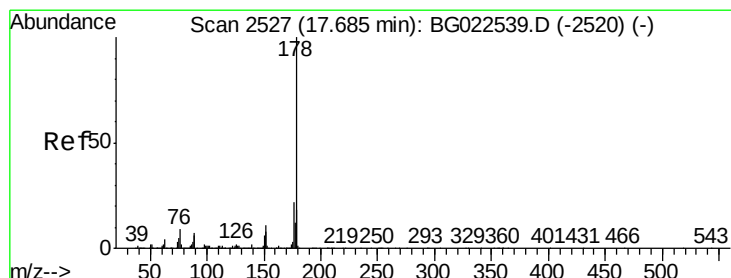
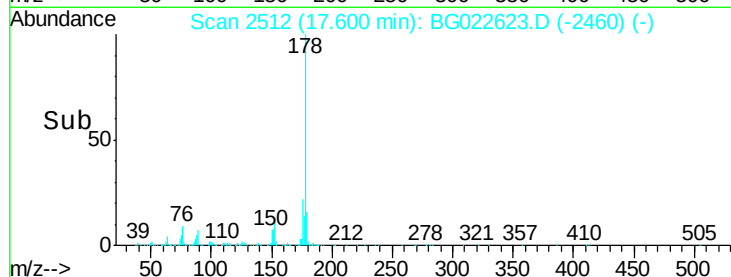
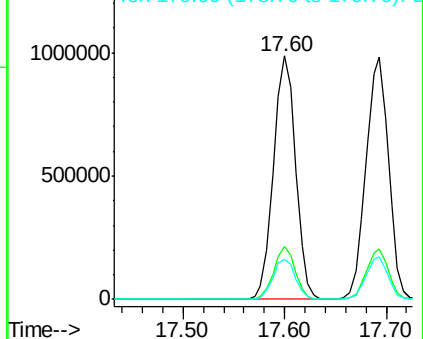
179 16.3 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 25.23 ng

RT: 17.69 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

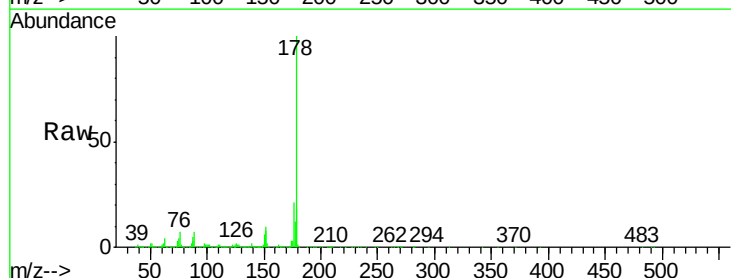
Tgt Ion:178 Resp: 1519085

Ion Ratio Lower Upper

178 100

176 20.6 17.3 25.9

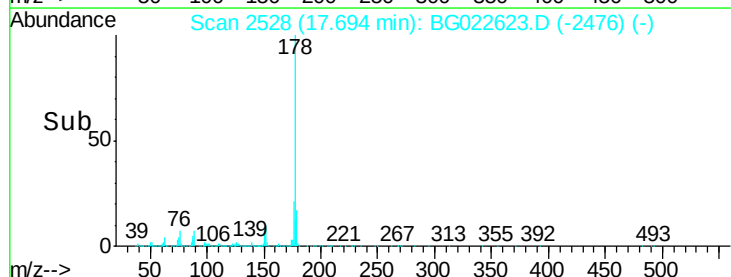
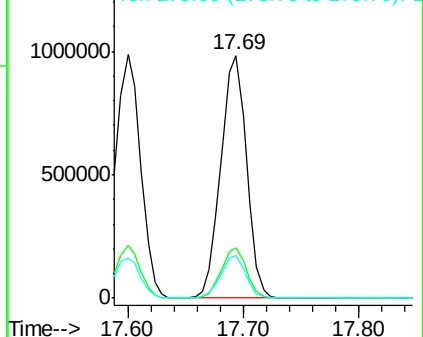
179 17.5 14.0 21.0

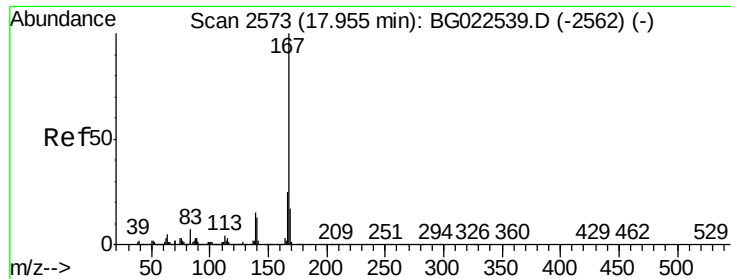


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 26.75 ng

RT: 17.96 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

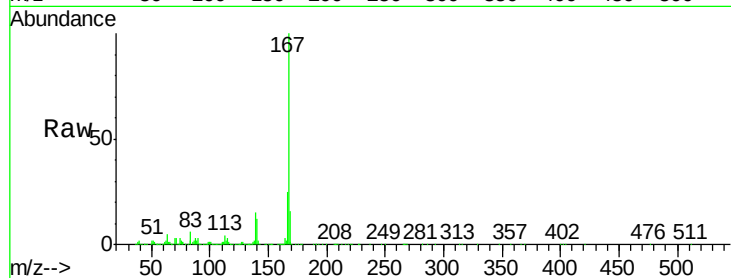
BNA_G

ClientSampleId :

PB91574BSD

Tgt Ion:167 Resp: 1364831

Ion	Ratio	Lower	Upper
167	100		
166	24.6	20.7	31.1
139	14.8	11.9	17.9

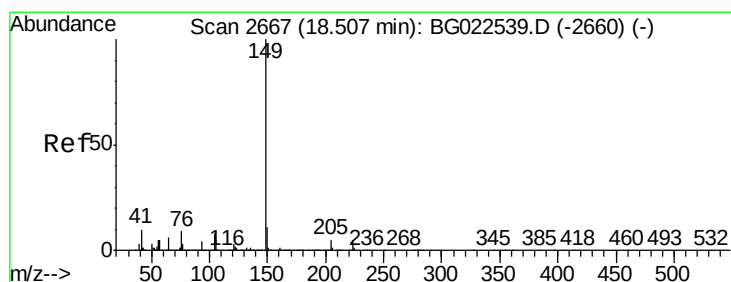
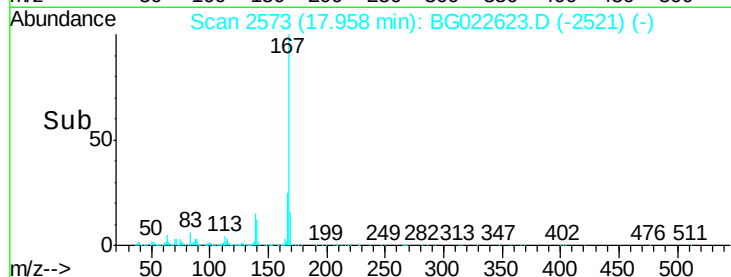
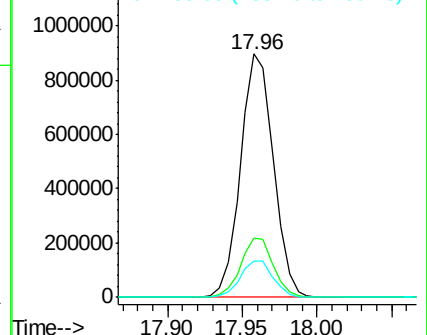


Abundance

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



#73

Di-n-butylphthalate

Concen: 27.26 ng

RT: 18.51 min Scan# 2667

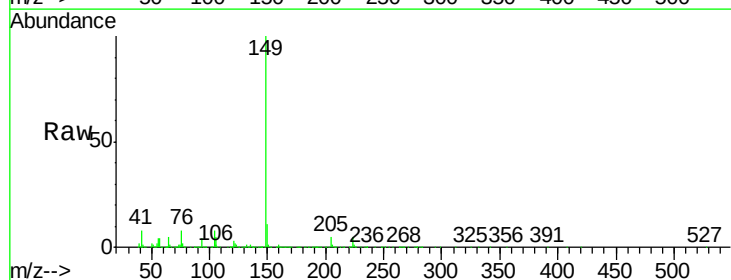
Delta R.T. 0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Tgt Ion:149 Resp: 1619874

Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.1	13.7
104	8.1	6.9	10.3

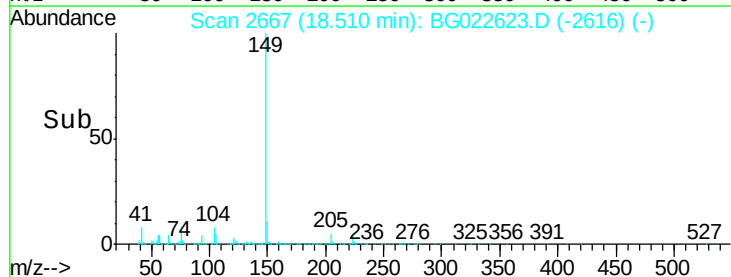
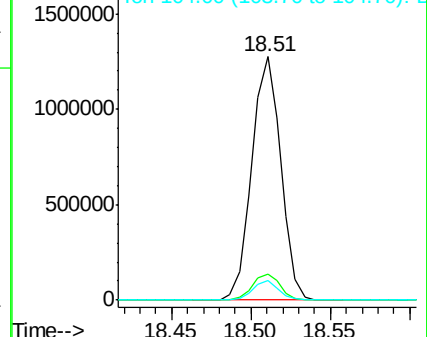


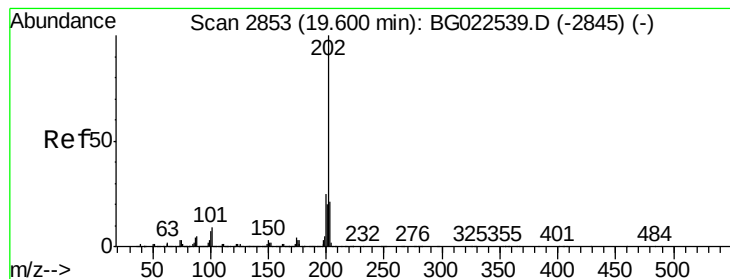
Abundance

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





#74

Fluoranthene

Concen: 27.75 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

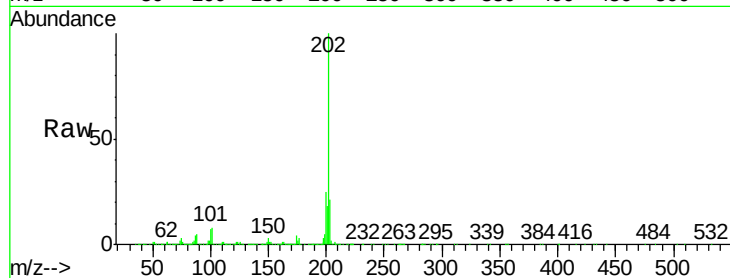
Tgt Ion:202 Resp: 1870021

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.4

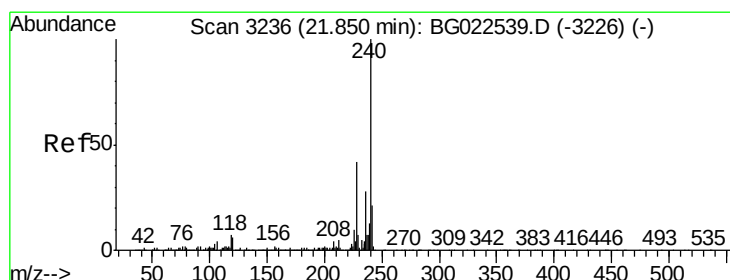
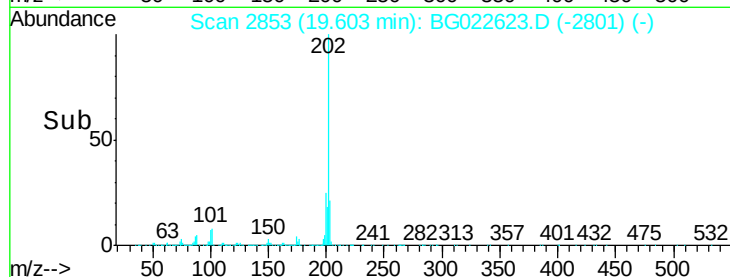
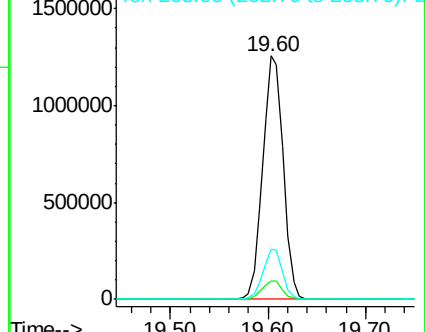
203 20.9 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

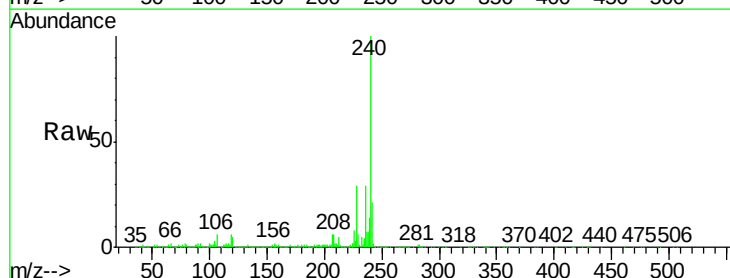
Tgt Ion:240 Resp: 1313753

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

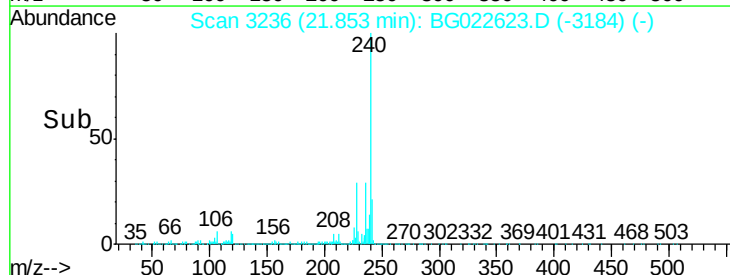
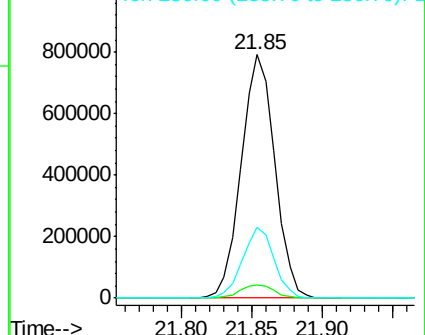
236 29.3 21.1 31.7

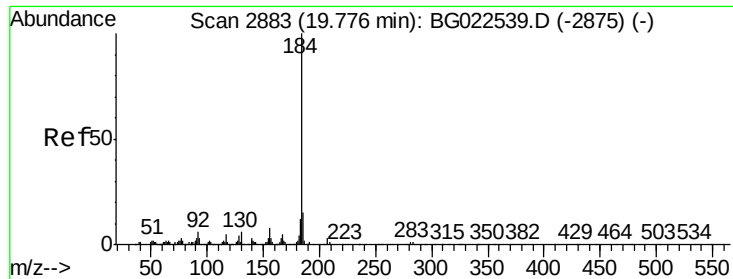


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 80.74 ng

RT: 19.79 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

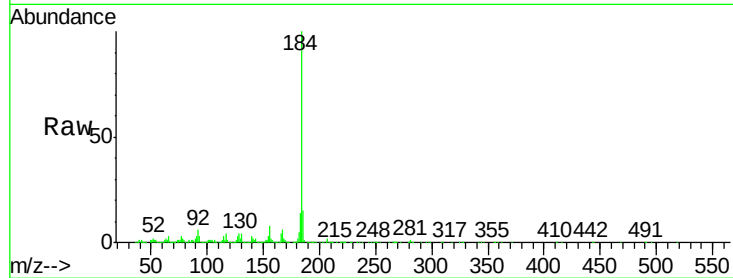
Tgt Ion:184 Resp: 1129299

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

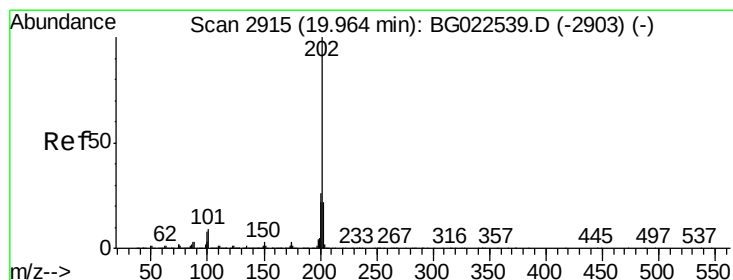
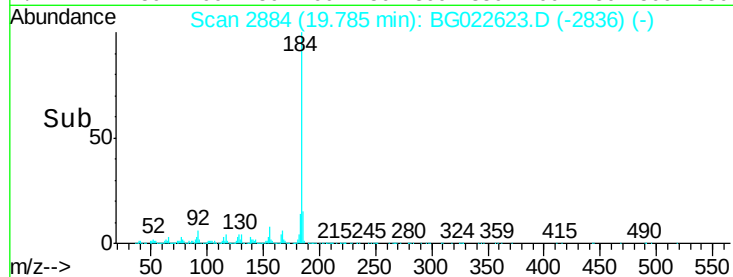
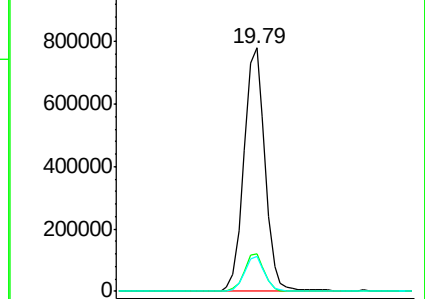
183 14.5 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 27.09 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

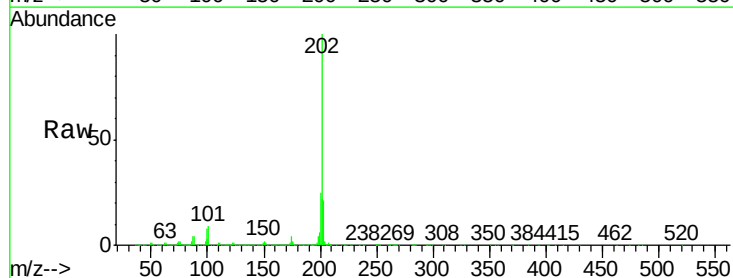
Tgt Ion:202 Resp: 1895650

Ion Ratio Lower Upper

202 100

200 25.3 21.2 31.8

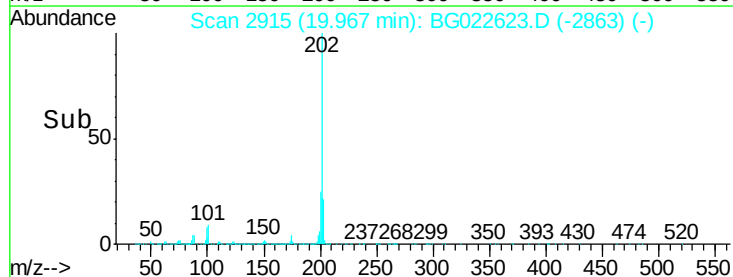
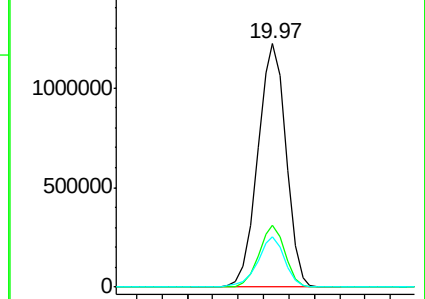
203 20.6 16.8 25.2

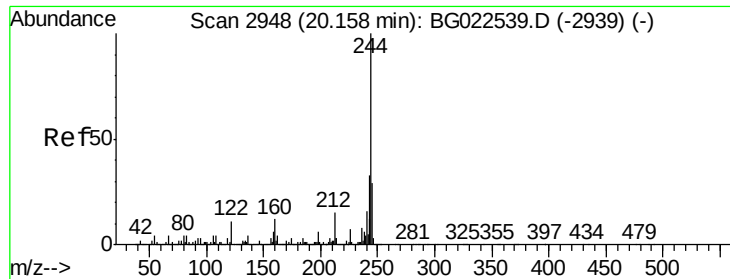


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.08 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

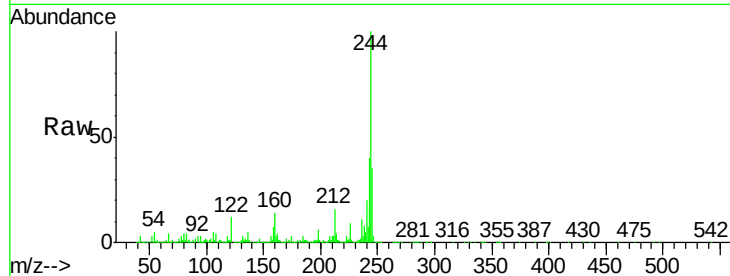
Tgt Ion:244 Resp: 3276915

Ion Ratio Lower Upper

244 100

212 15.9 10.8 16.2

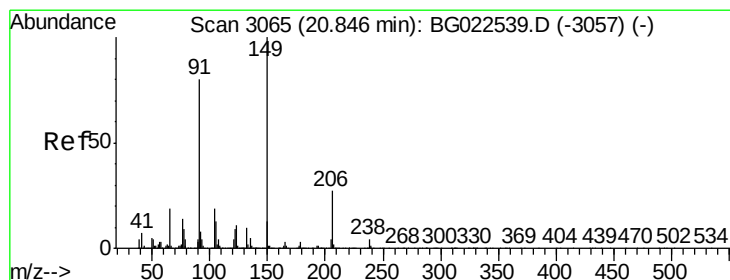
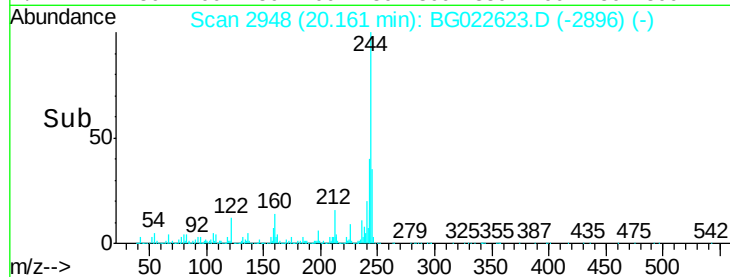
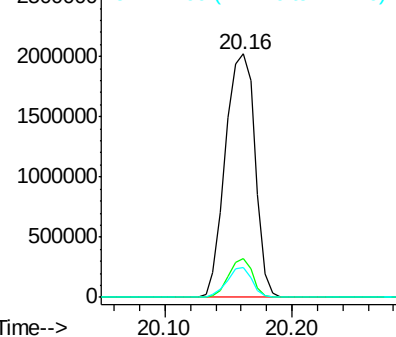
122 12.3 8.0 12.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 26.25 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

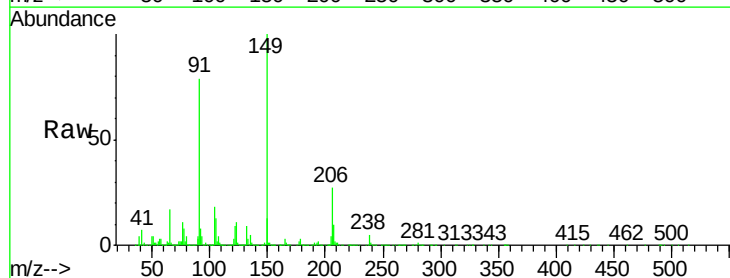
Tgt Ion:149 Resp: 795176

Ion Ratio Lower Upper

149 100

91 78.9 68.1 102.1

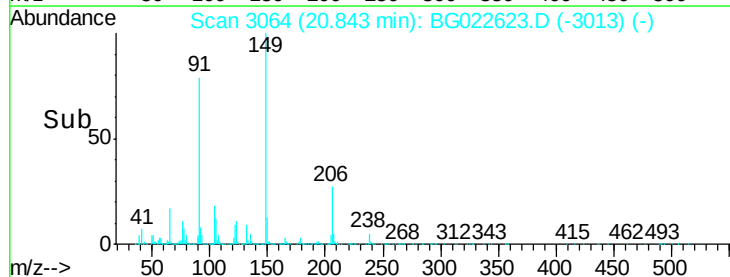
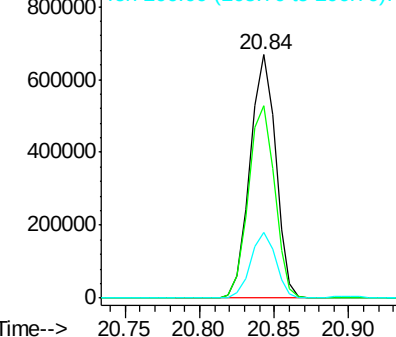
206 26.9 19.8 29.6

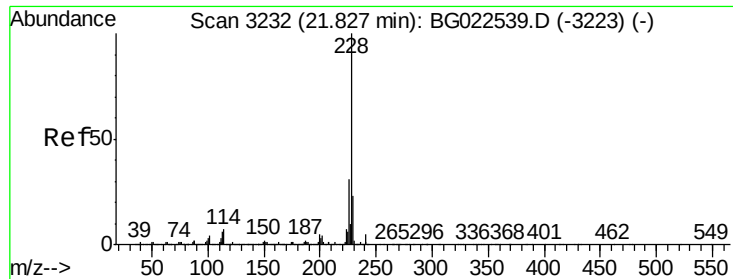


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 26.84 ng

RT: 21.84 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

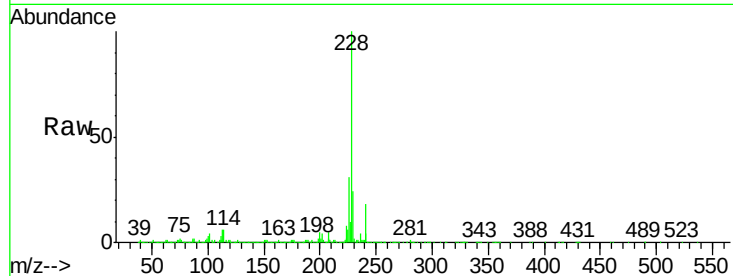
Tgt Ion:228 Resp: 1951033

Ion Ratio Lower Upper

228 100

226 31.3 25.3 37.9

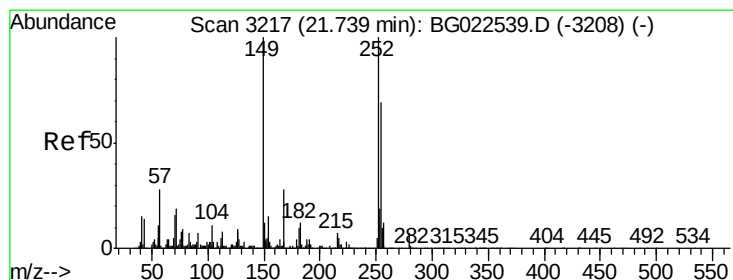
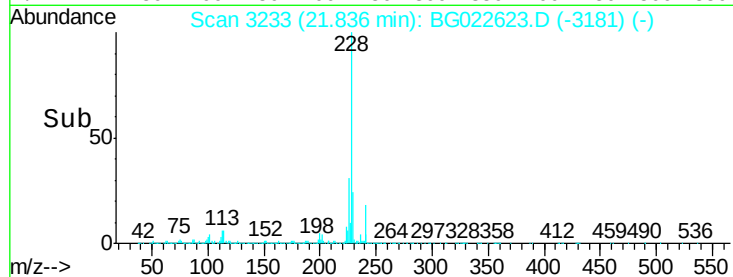
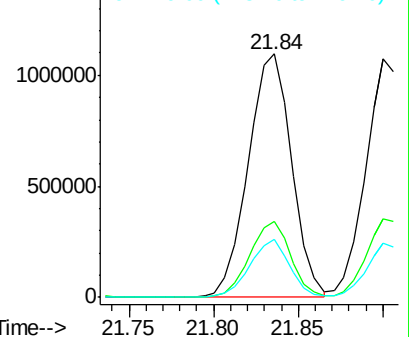
229 23.6 19.9 29.9



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



#81

3,3'-Dichlorobenzidine

Concen: 14.36 ng

RT: 21.74 min Scan# 3217

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

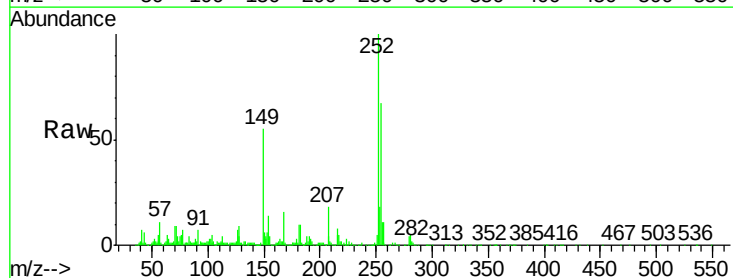
Tgt Ion:252 Resp: 431270

Ion Ratio Lower Upper

252 100

254 66.7 51.2 76.8

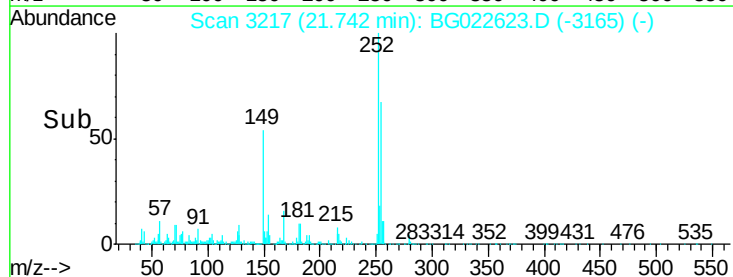
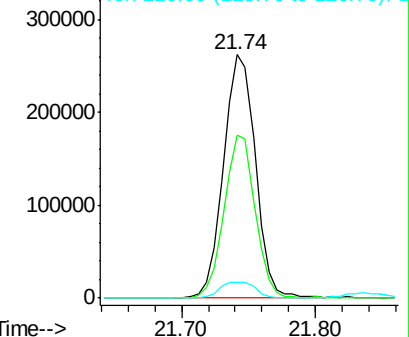
126 6.7 5.3 7.9

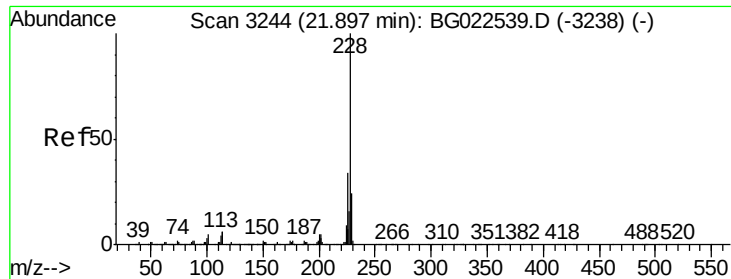


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 26.84 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

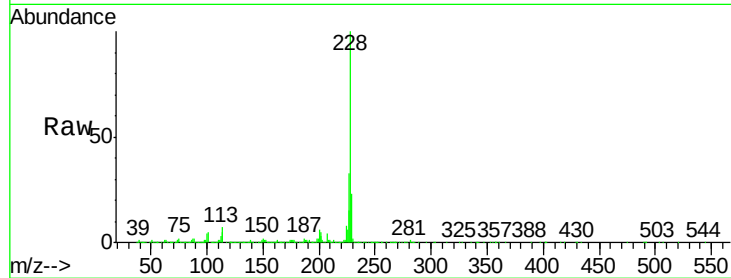
BNA_G

ClientSampleId :

PB91574BSD

Tgt Ion:228 Resp: 1833246

Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.7	40.1
229	22.5	17.4	26.2

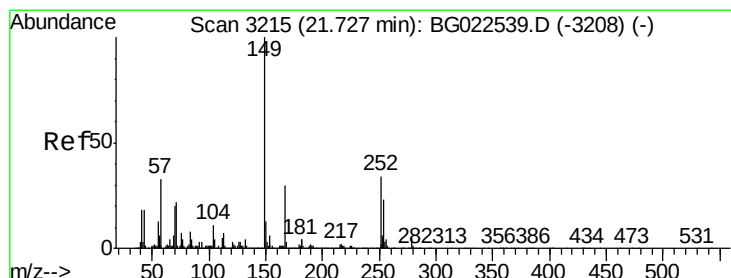
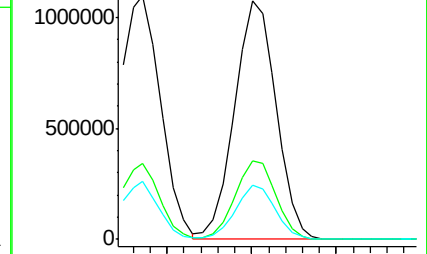
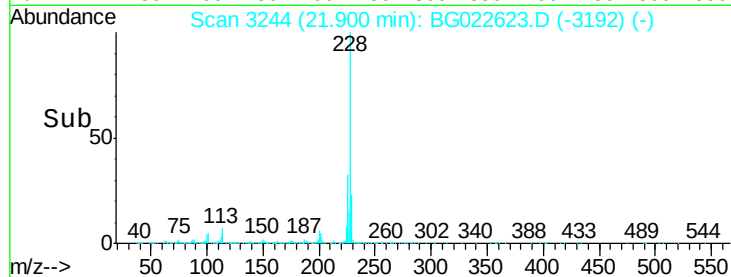


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 25.04 ng

RT: 21.72 min Scan# 3214

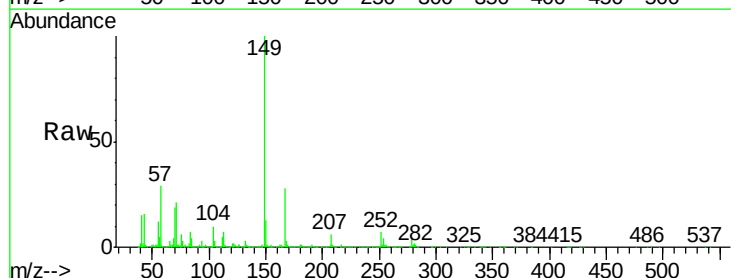
Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Tgt Ion:149 Resp: 1067743

Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.0	36.0
279	5.2	4.8	7.2

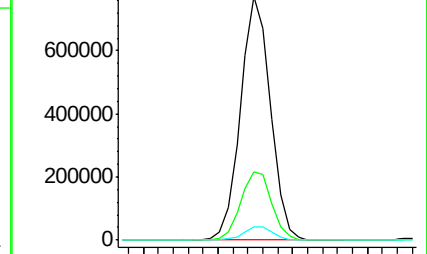
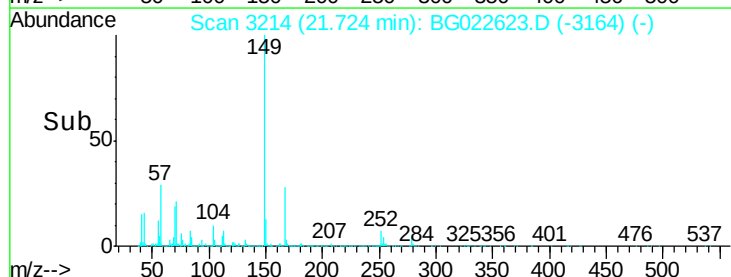


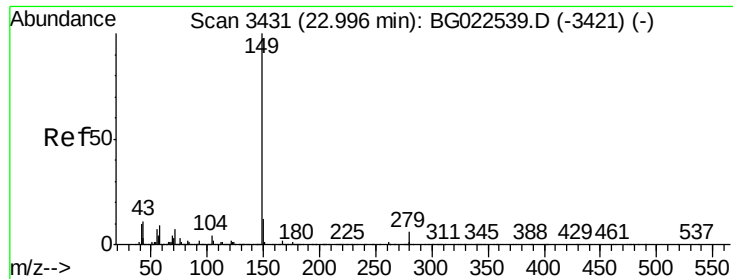
Abundance

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





#84

Di-n-octyl phthalate

Concen: 25.17 ng

RT: 22.99 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

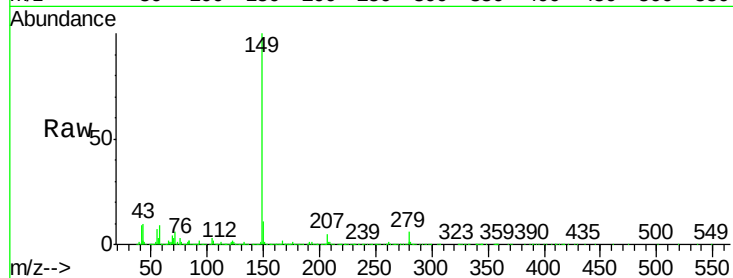
Tgt Ion:149 Resp: 1769735

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

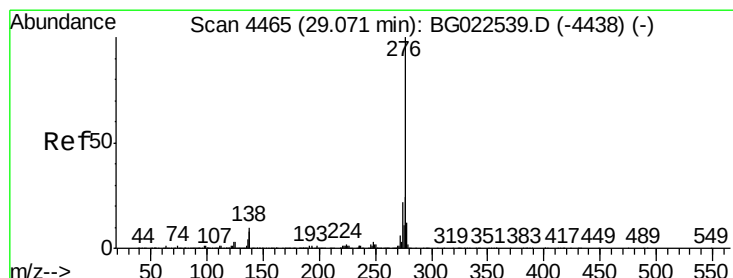
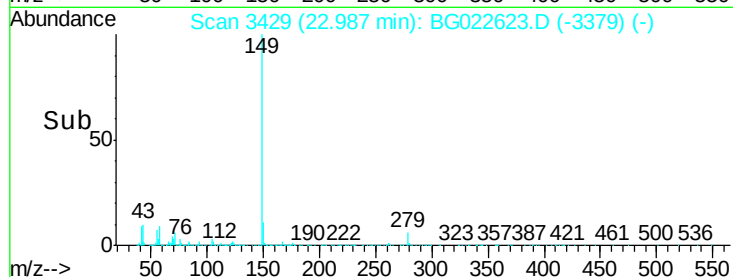
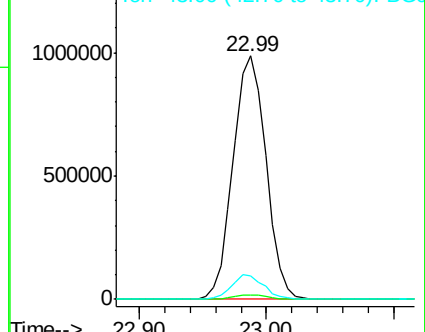
43 9.6 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 25.08 ng

RT: 29.06 min Scan# 4463

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

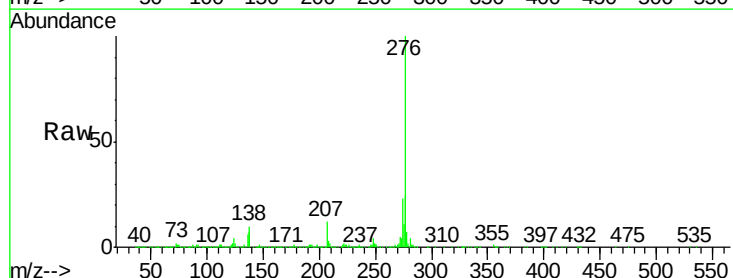
Tgt Ion:276 Resp: 2251790

Ion Ratio Lower Upper

276 100

138 5.0 0.0 0.0#

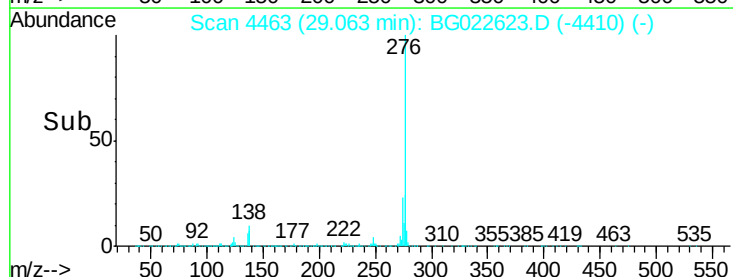
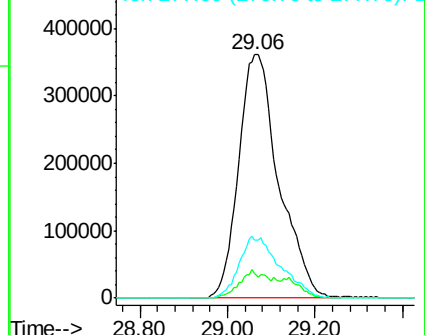
277 25.9 0.0 0.0#

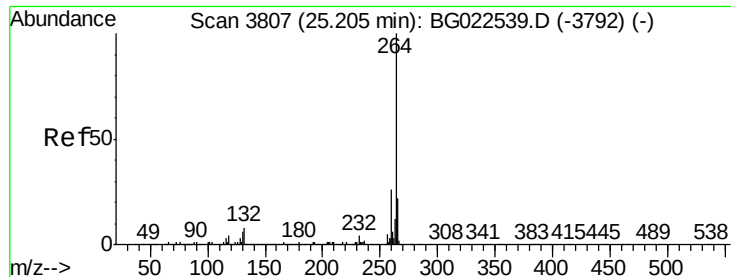


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



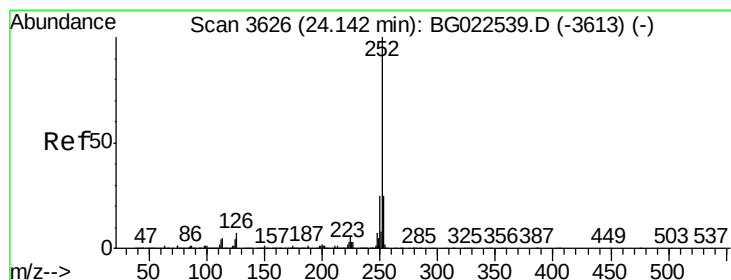
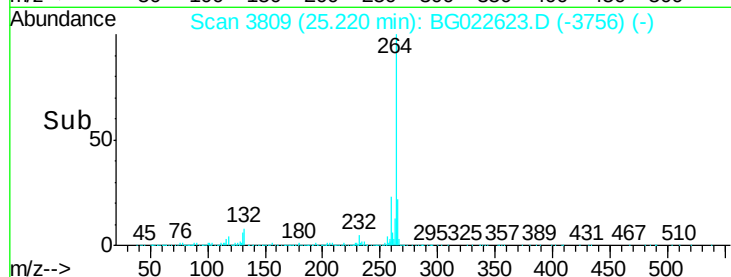
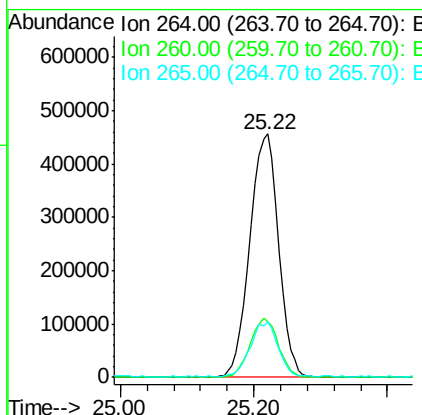
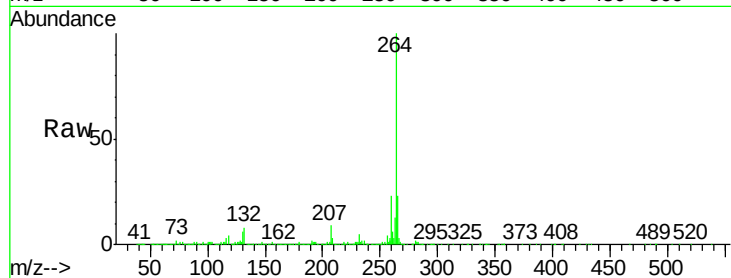


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3809
Delta R.T. 0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Instrument :
BNA_G
ClientSampleId :
PB91574BSD

Tgt Ion:264 Resp: 1346835

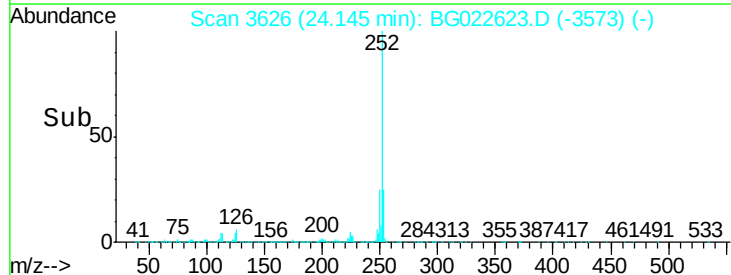
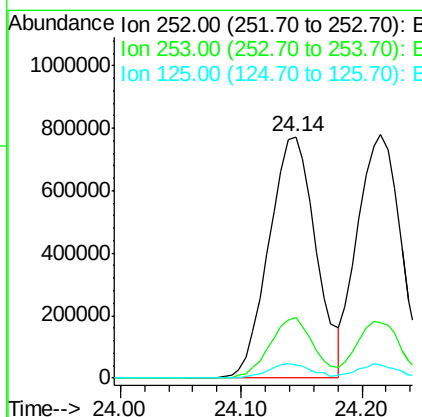
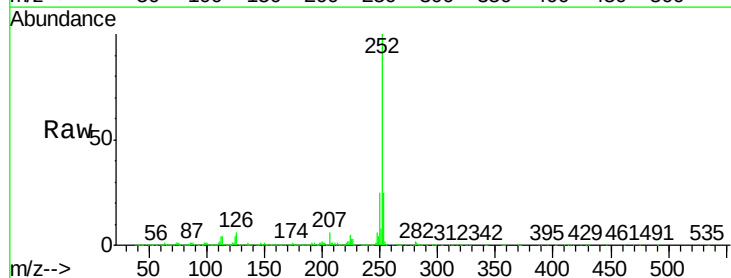
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	22.7	18.9	28.3

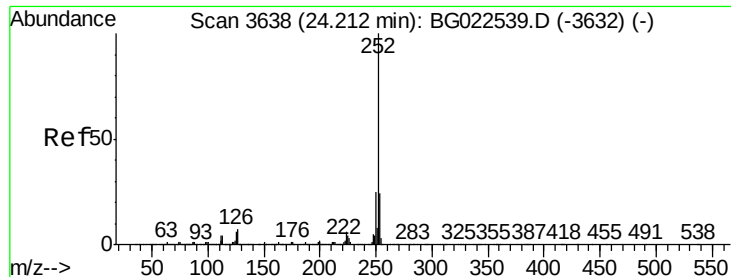


#87
Benzo(b)fluoranthene
Concen: 25.64 ng
RT: 24.14 min Scan# 3626
Delta R.T. 0.01 min
Lab File: BG022623.D
Acq: 27 Jun 2016 00:04

Tgt Ion:252 Resp: 2076645

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.9	28.3
125	5.3	3.9	5.9





#88

Benzo(k)fluoranthene

Concen: 25.14 ng

RT: 24.22 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

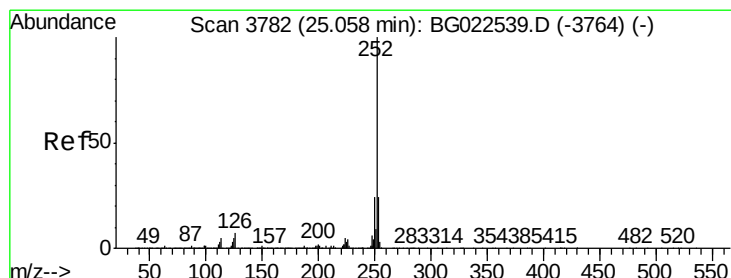
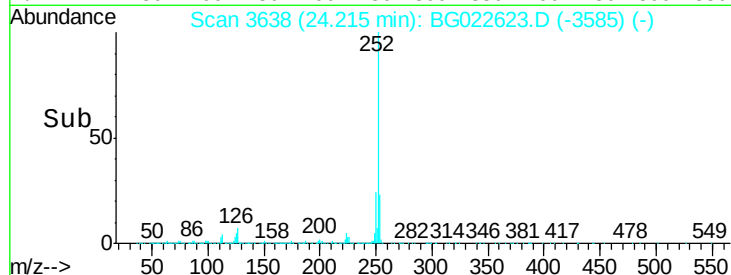
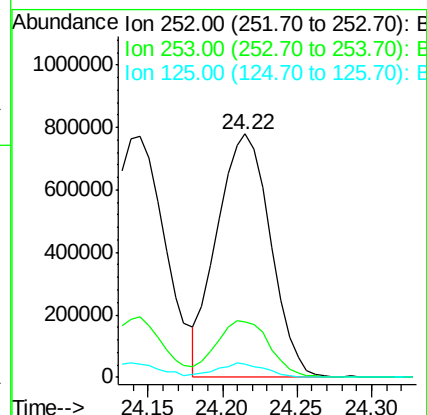
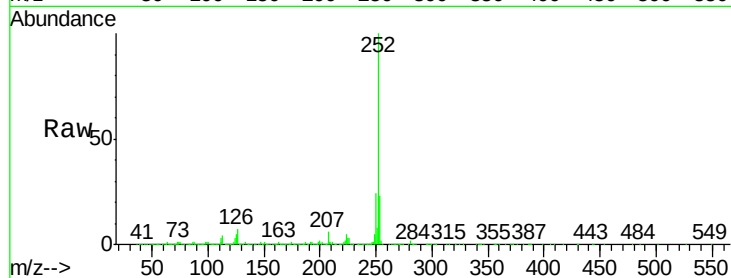
Tgt Ion:252 Resp: 1924604

Ion Ratio Lower Upper

252 100

253 22.8 18.8 28.2

125 5.3 3.2 4.8#



#89

Benzo(a)pyrene

Concen: 25.08 ng

RT: 25.06 min Scan# 3781

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

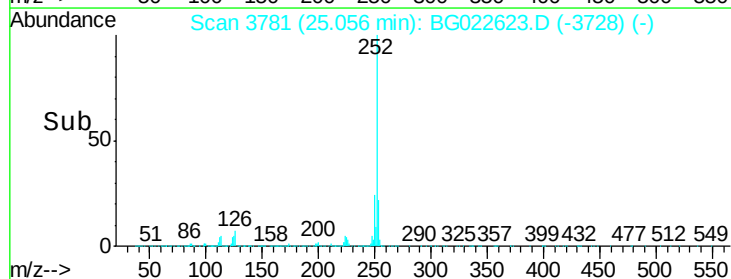
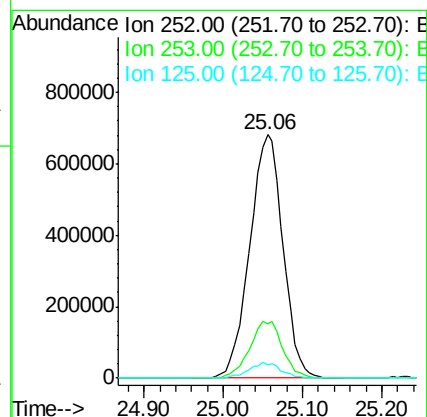
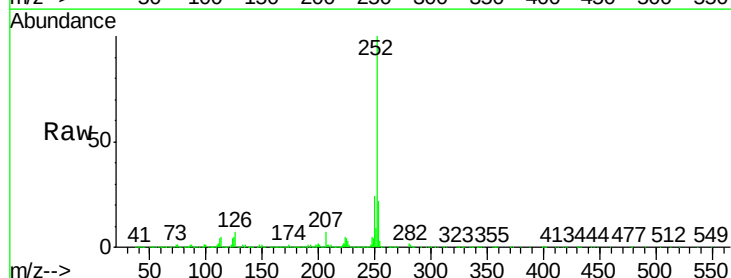
Tgt Ion:252 Resp: 1979866

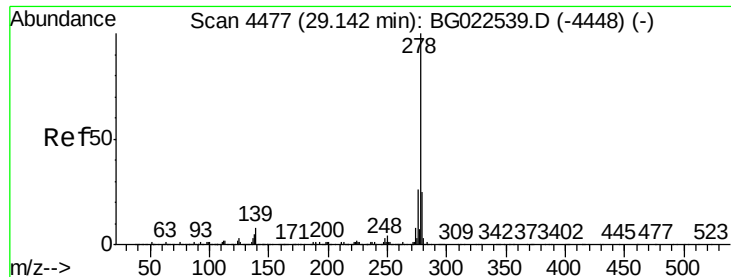
Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

125 5.4 3.9 5.9





#90

Dibenzo(a,h)anthracene

Concen: 25.20 ng

RT: 29.14 min Scan# 4476

Delta R.T. 0.03 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

PB91574BSD

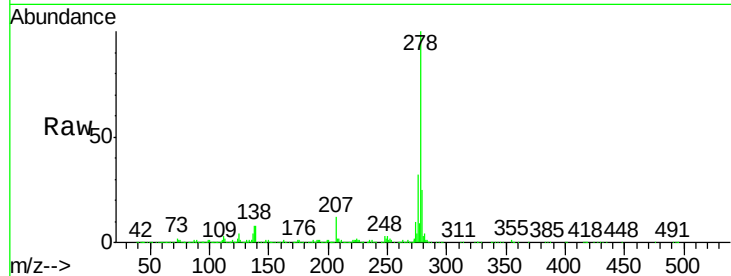
Tgt Ion:278 Resp: 1872624

Ion Ratio Lower Upper

278 100

139 7.6 4.7 7.1#

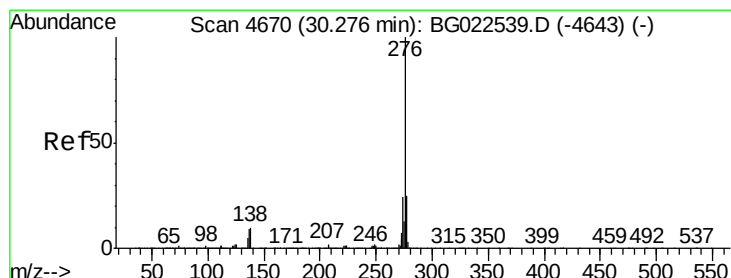
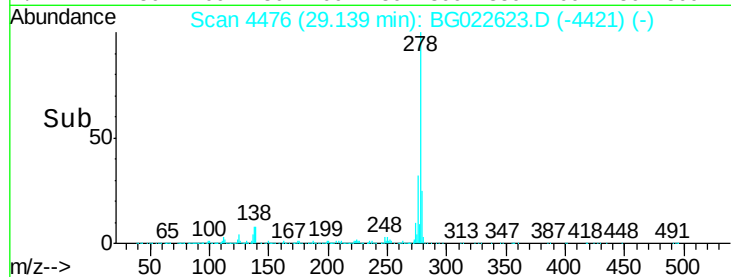
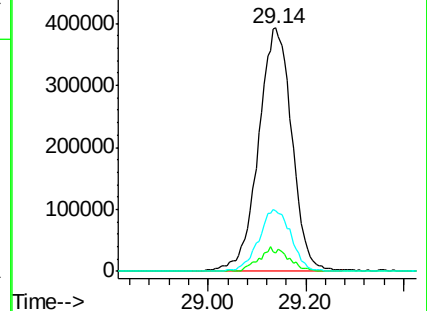
279 25.0 18.3 27.5



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: 24.76 ng

RT: 30.27 min Scan# 4668

Delta R.T. 0.01 min

Lab File: BG022623.D

Acq: 27 Jun 2016 00:04

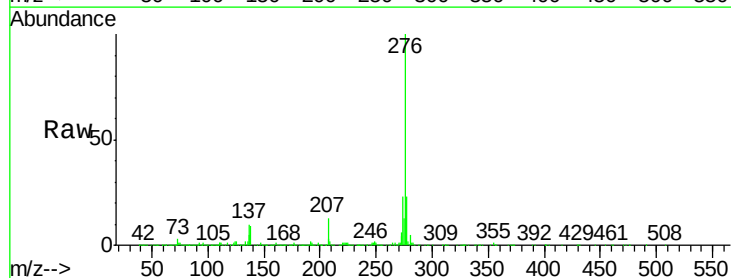
Tgt Ion:276 Resp: 1873063

Ion Ratio Lower Upper

276 100

277 23.0 18.6 27.8

138 8.6 6.8 10.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

