

Data Path : Z:\HPCHEM1\BNA_G\Data\BG062916\
 Data File : BG022719.D
 Acq On : 30 Jun 2016 9:18
 Operator : UM/SJ
 Sample : PB91593BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

Quant Time: Jun 30 14:12:41 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	92203	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	423019	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	360411	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1055412	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1152228	20.00	ng	0.01
86) Perylene-d12	25.22	264	1196083	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	654540	113.86	ng	0.00
7) Phenol-d6	7.31	99	1013155	125.04	ng	0.01
23) Nitrobenzene-d5	9.33	82	673011	67.34	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	719913	127.00	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1530130	67.33	ng	0.00
78) Terphenyl-d14	20.16	244	2721490	62.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	61103	26.23	ng	100
3) Pyridine	3.98	79	101504	15.57	ng	# 94
4) n-Nitrosodimethylamine	3.89	42	52122	13.98	ng	98
6) Aniline	7.48	93	121841	11.34	ng	# 88
8) 2-Chlorophenol	7.73	128	118507	19.90	ng	92
9) Benzaldehyde	7.29	77	91408	32.06	ng	89
10) Phenol	7.34	94	177776	20.76	ng	92
11) bis(2-Chloroethyl)ether	7.57	93	121672	17.26	ng	90
12) 1,3-Dichlorobenzene	8.05	146	117296	16.19	ng	95
13) 1,4-Dichlorobenzene	8.20	146	118302	16.29	ng	90
14) 1,2-Dichlorobenzene	8.52	146	115359	16.70	ng	94
15) Benzyl Alcohol	8.40	79	151365	20.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	124457	15.96	ng	96
17) 2-Methylphenol	8.61	107	112984	20.01	ng	91
18) Hexachloroethane	9.25	117	50851	16.91	ng	# 87
19) n-Nitroso-di-n-propylamine	8.96	70	122430	18.14	ng	90
20) 3+4-Methylphenols	8.93	107	159293	20.49	ng	99
22) Acetophenone	8.98	105	206754	16.91	ng	# 93
24) Nitrobenzene	9.37	77	177017	16.02	ng	95
25) Isophorone	9.89	82	317927	16.39	ng	# 96
26) 2-Nitrophenol	10.09	139	70460	17.71	ng	92
27) 2,4-Dimethylphenol	10.15	122	128791	16.94	ng	88
28) bis(2-Chloroethoxy)methane	10.38	93	182119	17.19	ng	91
29) 2,4-Dichlorophenol	10.63	162	146002	19.71	ng	93
30) 1,2,4-Trichlorobenzene	10.85	180	145159	16.51	ng	94
31) Naphthalene	11.04	128	361892	17.02	ng	99
32) Benzoic acid	10.15	122	128791	28.27	ng	# 7
33) 4-Chloroaniline	11.15	127	65189	7.12	ng	92
34) Hexachlorobutadiene	11.31	225	108482	15.87	ng	97
35) Caprolactam	11.91	113	56352	24.15	ng	# 85
36) 4-Chloro-3-methylphenol	12.26	107	193254	21.25	ng	91
37) 2-Methylnaphthalene	12.63	142	292122	17.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	202274	14.87	ng	98
40) Hexachlorocyclopentadiene	12.97	237	423607	39.00	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	151035	17.31	ng	95
43) 2,4,5-Trichlorophenol	13.31	196	173382	18.99	ng	99
45) 1,1'-Biphenyl	13.63	154	428407	15.60	ng	95
46) 2-Chloronaphthalene	13.68	162	362010	16.02	ng	96
47) 2-Nitroaniline	13.88	65	149593	17.16	ng	88
48) Acenaphthylene	14.52	152	562739	17.17	ng	97
49) Dimethylphthalate	14.25	163	543315	18.17	ng	99
50) 2,6-Dinitrotoluene	14.37	165	119645	18.42	ng	# 84
51) Acenaphthene	14.86	154	362476	15.02	ng	96
52) 3-Nitroaniline	14.71	138	75265	12.38	ng	91
53) 2,4-Dinitrophenol	14.91	184	230494	57.60	ng	92
54) Dibenzofuran	15.20	168	637458	18.23	ng	94
55) 4-Nitrophenol	15.02	139	294259	57.24	ng	96
56) 2,4-Dinitrotoluene	15.16	165	184337	20.48	ng	88
57) Fluorene	15.85	166	525516	18.84	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	193087	20.40	ng	90
59) Diethylphthalate	15.60	149	585778	19.06	ng	99
60) 4-Chlorophenyl-phenylether	15.84	204	299265	18.02	ng	93
61) 4-Nitroaniline	15.87	138	118676	18.92	ng	88
62) Azobenzene	16.13	77	592942	17.81	ng	91
64) 4,6-Dinitro-2-methylphenol	15.92	198	118254	16.71	ng	95
65) n-Nitrosodiphenylamine	16.05	169	507398	16.52	ng	97
66) 4-Bromophenyl-phenylether	16.73	248	220773	16.12	ng	95
67) Hexachlorobenzene	16.86	284	239547	16.55	ng	96
68) Atrazine	17.00	200	228484	17.62	ng	98
69) Pentachlorophenol	17.20	266	467769	46.95	ng	99
70) Phenanthrene	17.60	178	964800	17.93	ng	96
71) Anthracene	17.69	178	980027	17.69	ng	96
72) Carbazole	17.96	167	814629	17.35	ng	97
73) Di-n-butylphthalate	18.51	149	1003410	18.35	ng	95
74) Fluoranthene	19.61	202	1163245	18.76	ng	95
76) Benzidine	19.78	184	633625	51.65	ng	98
77) Pyrene	19.96	202	1160398	18.91	ng	93
79) Butylbenzylphthalate	20.84	149	455298	17.14	ng	95
80) Benzo(a)anthracene	21.83	228	1205103	18.90	ng	92
81) 3,3'-Dichlorobenzidine	21.74	252	261407	9.93	ng	98
82) Chrysene	21.90	228	1129661	18.86	ng	97
83) Bis(2-ethylhexyl)phthalate	21.71	149	589195	15.75	ng	99
84) Di-n-octyl phthalate	22.98	149	1042813	16.91	ng	95
85) Indeno(1,2,3-cd)pyrene	29.07	276	1332900	16.93	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	1250783	17.39	ng	97
88) Benzo(k)fluoranthene	24.14	252	1250783	18.40	ng	98
89) Benzo(a)pyrene	25.06	252	1184568	16.89	ng	100
90) Dibenzo(a,h)anthracene	29.14	278	1104167	16.73	ng	# 96
91) Benzo(g,h,i)perylene	30.28	276	1050481	15.63	ng	98

(#) = 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

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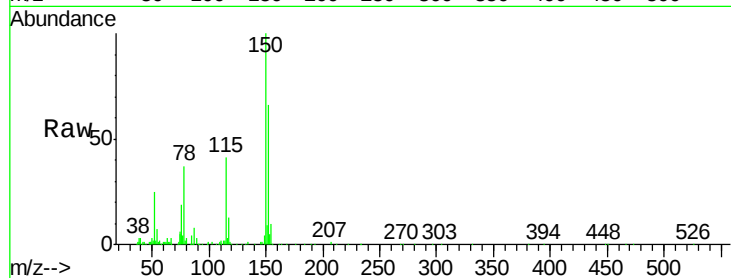
Tgt Ion:152 Resp: 92203

Ion Ratio Lower Upper

152 100

150 152.5 144.7 217.1

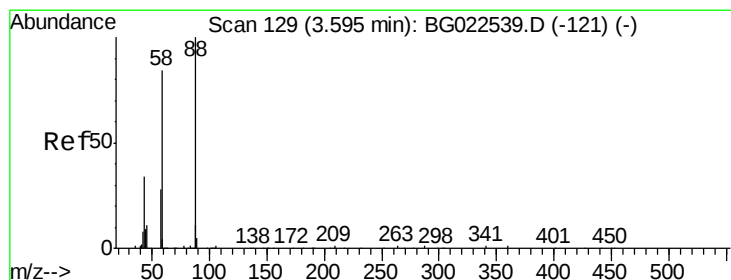
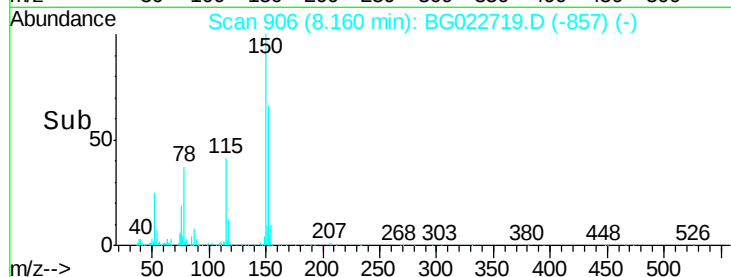
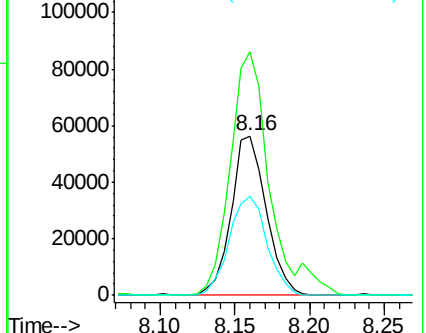
115 61.8 64.0 96.0#



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: 26.23 ng

RT: 3.57 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

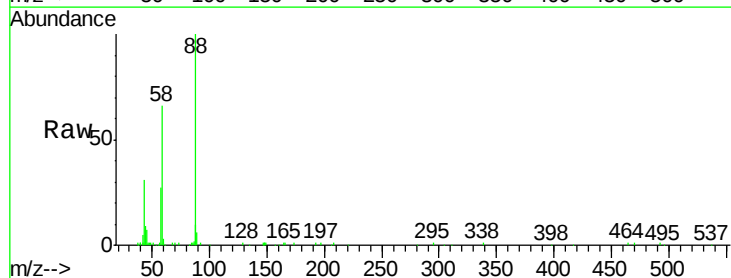
Tgt Ion: 88 Resp: 61103

Ion Ratio Lower Upper

88 100

58 75.3 60.4 90.6

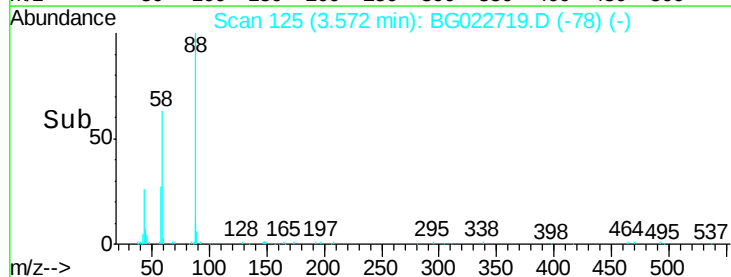
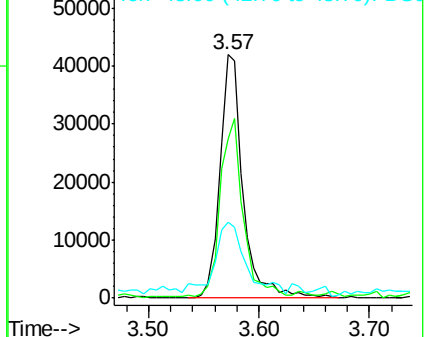
43 39.4 31.1 46.7

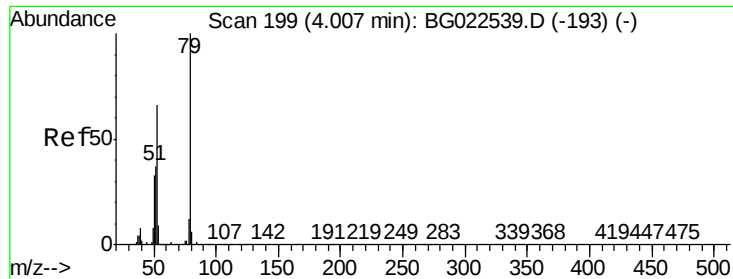


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 15.57 ng

RT: 3.98 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

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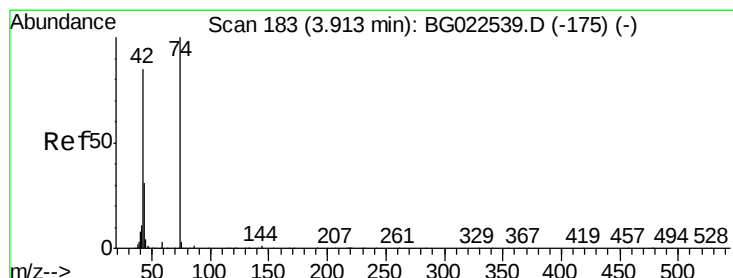
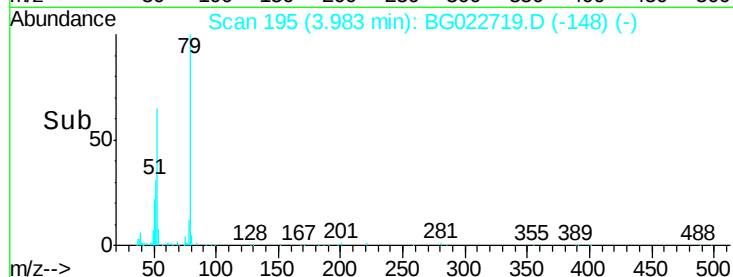
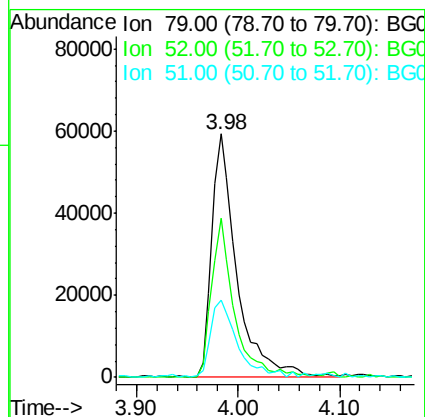
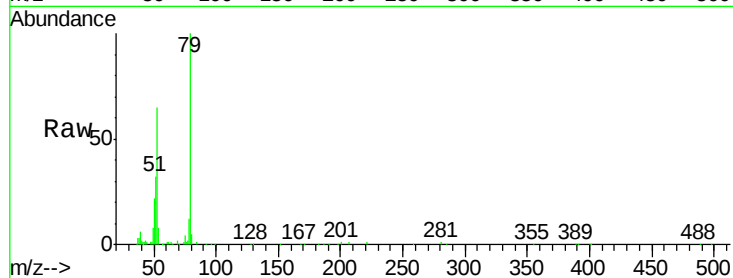
Tgt Ion: 79 Resp: 101504

Ion Ratio Lower Upper

79 100

52 65.3 51.8 77.8

51 31.6 32.7 49.1#



#4

n-Nitrosodimethylamine

Concen: 13.98 ng

RT: 3.89 min Scan# 179

Delta R.T. -0.02 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

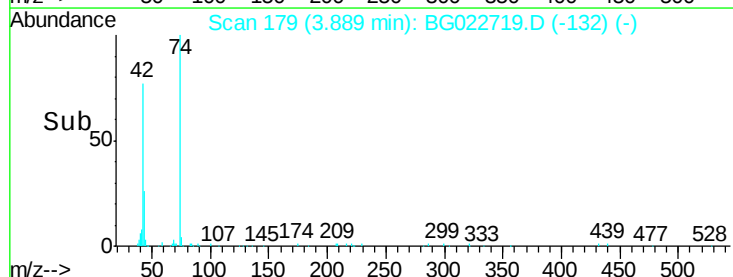
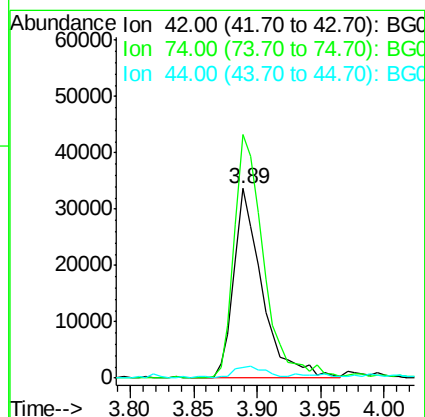
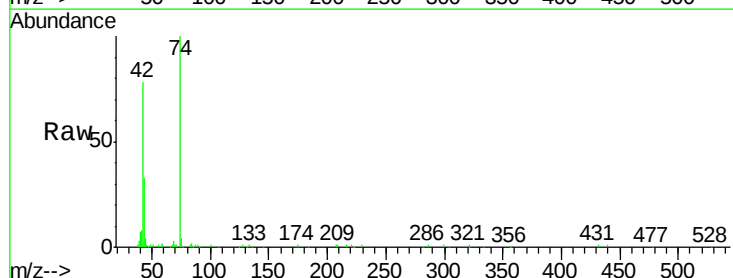
Tgt Ion: 42 Resp: 52122

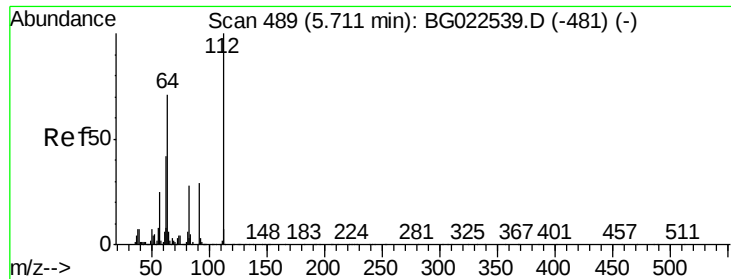
Ion Ratio Lower Upper

42 100

74 128.7 100.6 150.8

44 5.6 4.5 6.7





#5

2-Fluorophenol

Concen: 113.86 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022719.D

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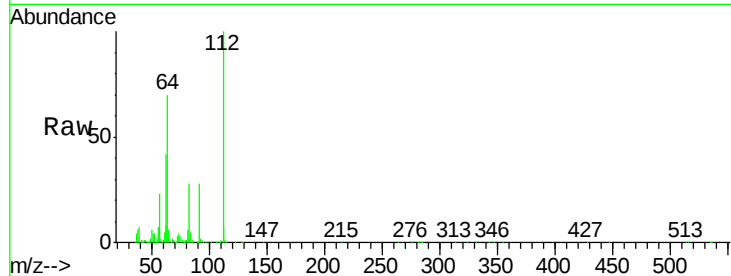
Tgt Ion: 112 Resp: 654540

Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

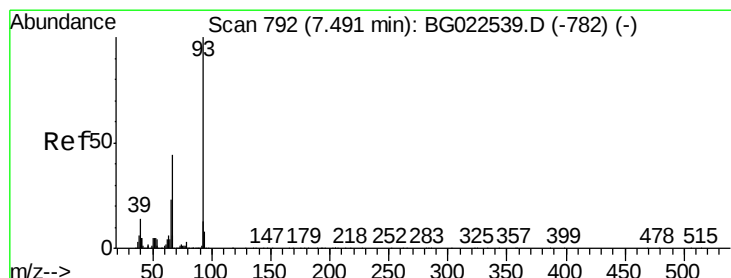
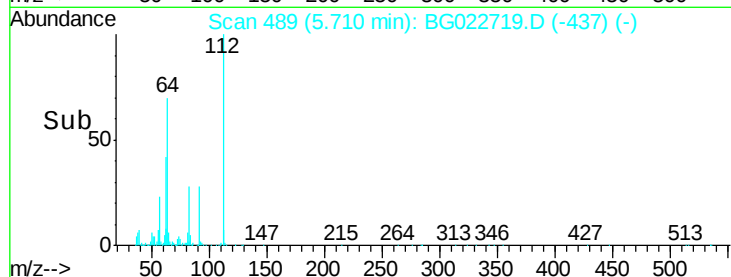
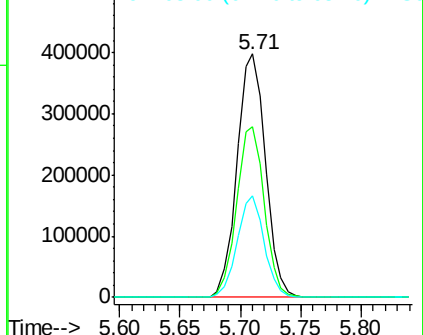
63 41.8 37.8 56.8



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: 11.34 ng

RT: 7.48 min Scan# 791

Delta R.T. -0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

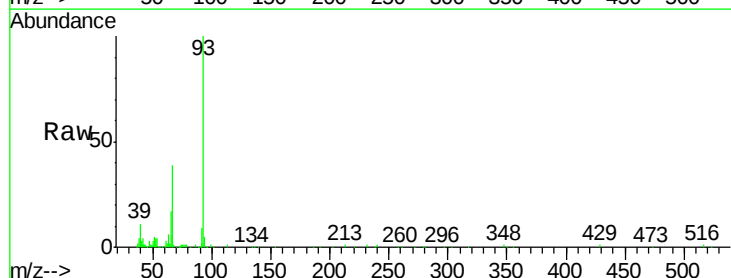
Tgt Ion: 93 Resp: 121841

Ion Ratio Lower Upper

93 100

66 38.7 37.5 56.3

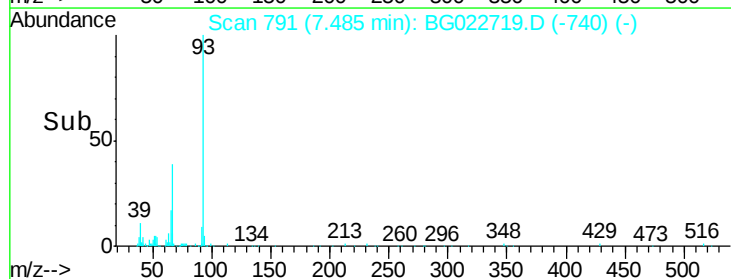
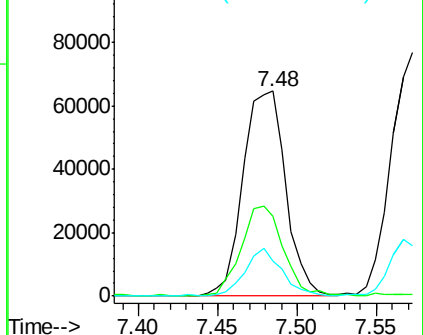
65 17.2 17.9 26.9#



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: 125.04 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

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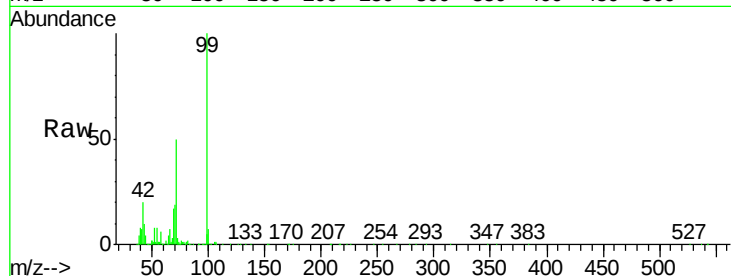
Tgt Ion: 99 Resp: 1013155

Ion Ratio Lower Upper

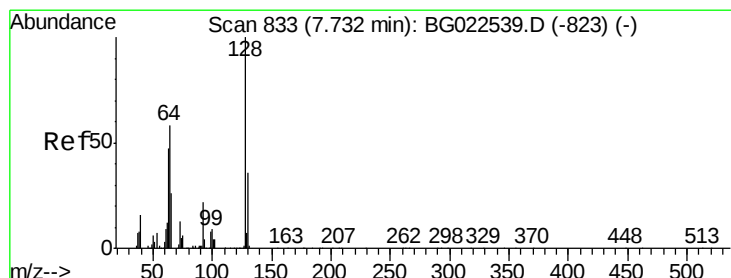
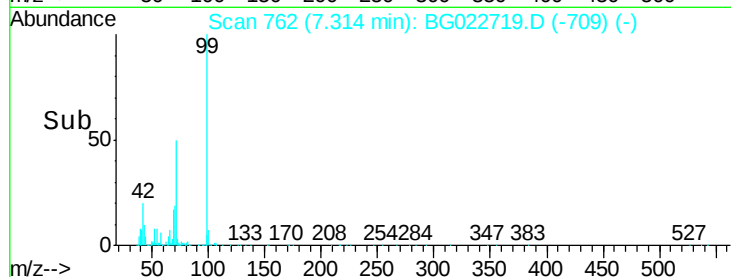
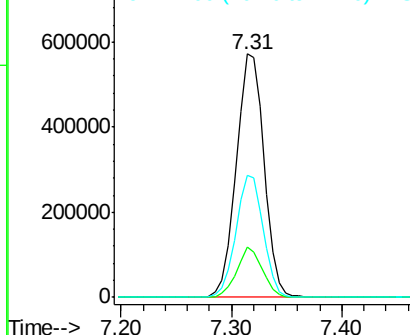
99 100

42 20.4 17.8 26.6

71 50.2 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: 19.90 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

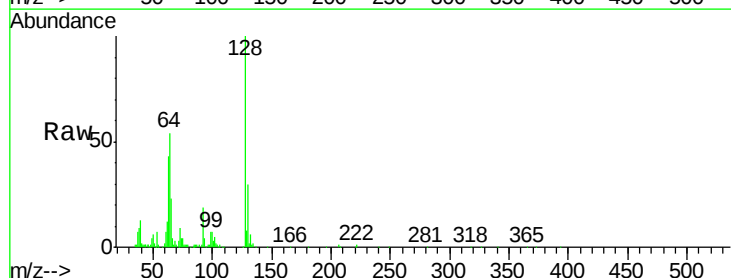
Tgt Ion: 128 Resp: 118507

Ion Ratio Lower Upper

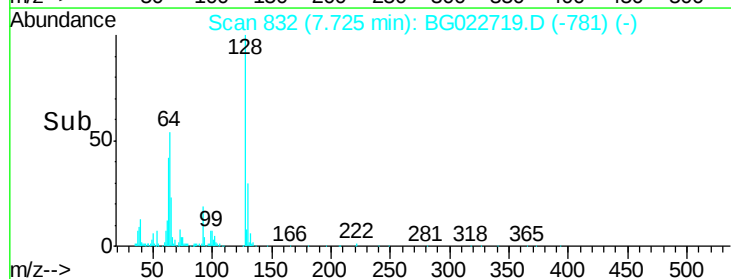
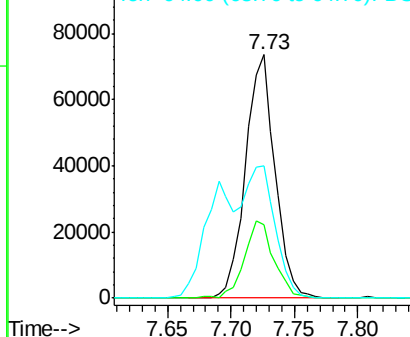
128 100

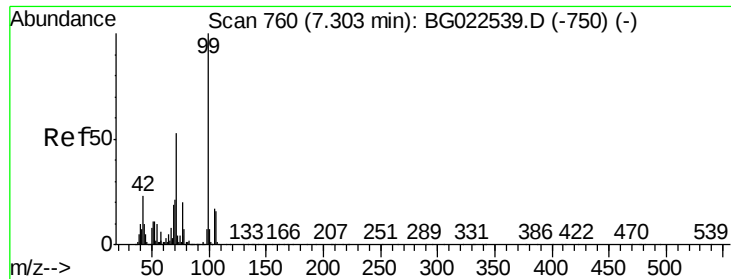
130 30.0 12.9 52.9

64 54.1 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





#9

Benzaldehyde

Concen: 32.06 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

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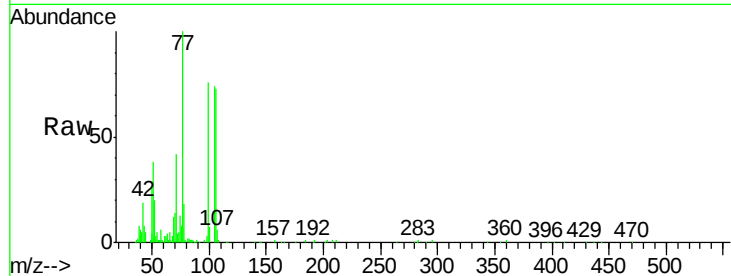
Tgt Ion: 77 Resp: 91408

Ion Ratio Lower Upper

77 100

105 74.3 58.7 98.7

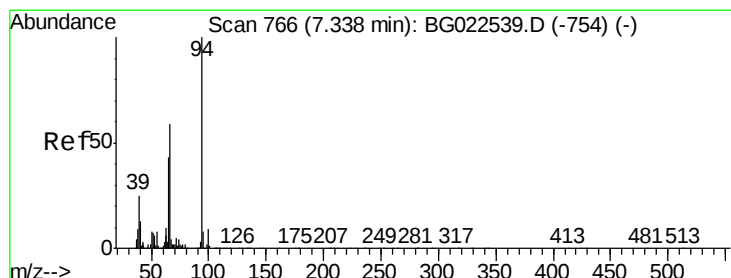
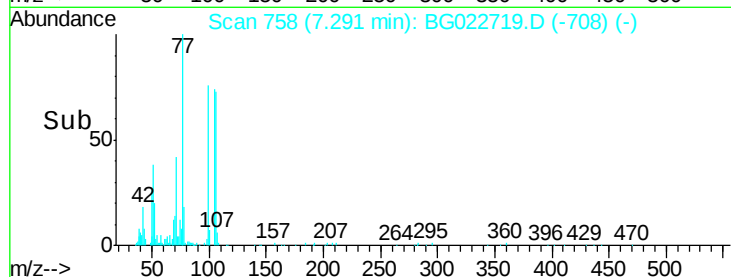
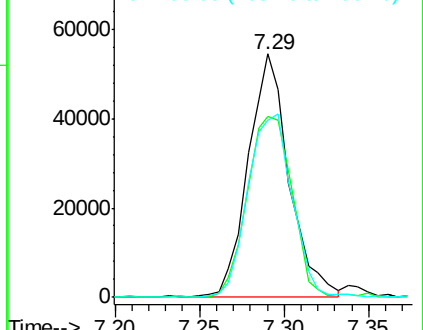
106 72.5 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 20.76 ng

RT: 7.34 min Scan# 767

Delta R.T. 0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

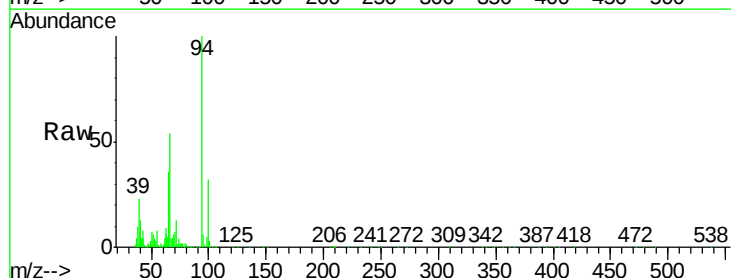
Tgt Ion: 94 Resp: 177776

Ion Ratio Lower Upper

94 100

65 36.5 18.1 58.1

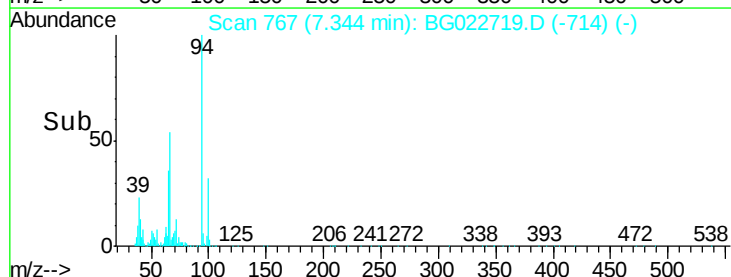
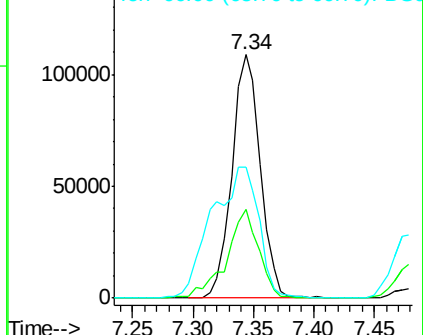
66 53.8 42.1 82.1

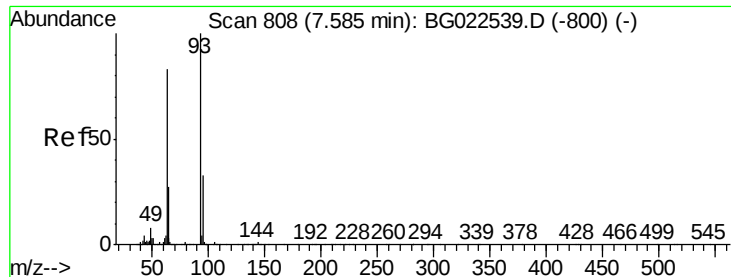


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

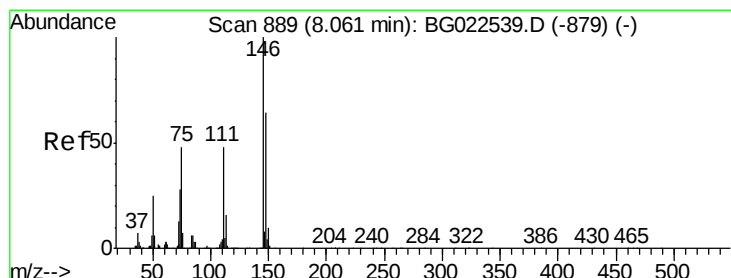
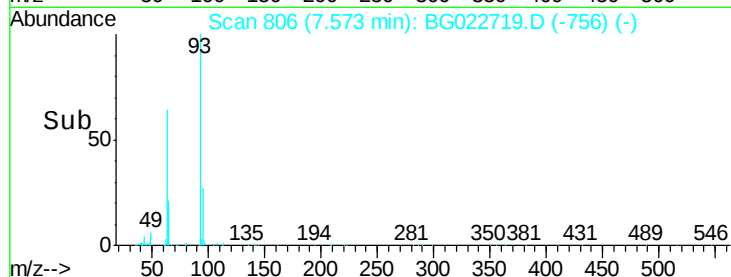
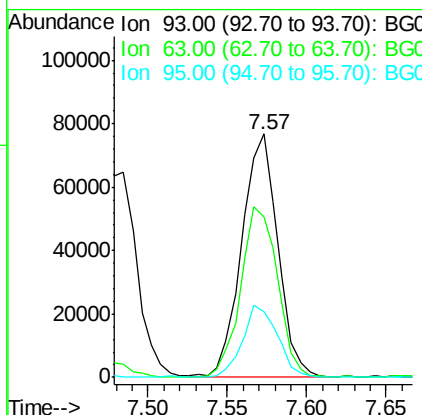
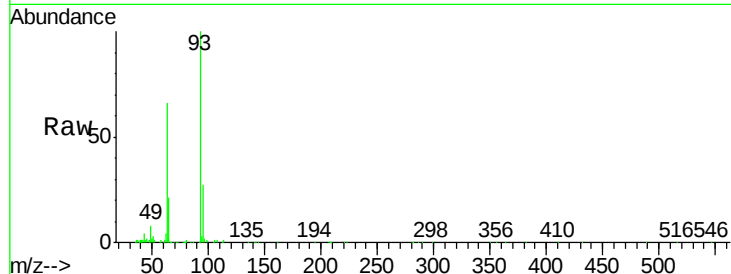




#11
bis(2-Chloroethyl)ether
Concen: 17.26 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

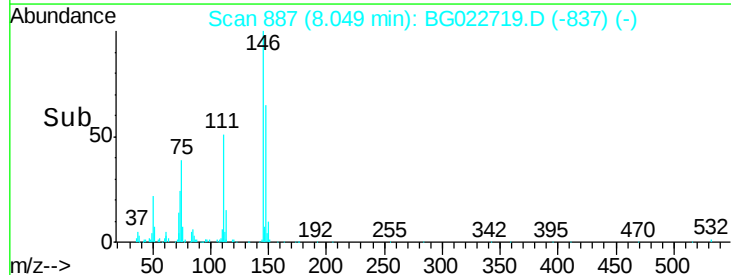
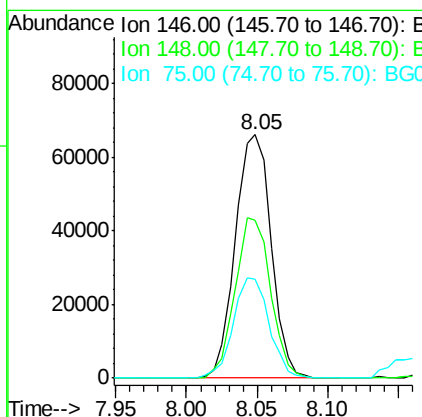
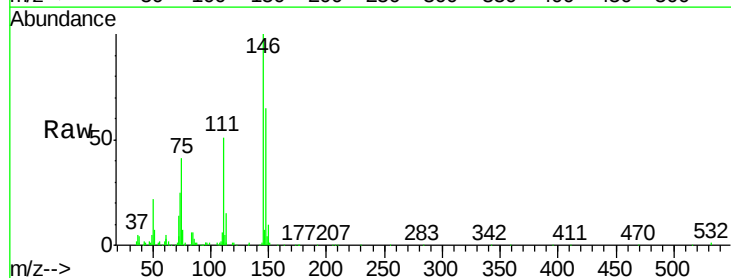
Instrument :
BNA_G
ClientSampleId :
PB91593BS

Tgt Ion: 93 Resp: 121672
Ion Ratio Lower Upper
93 100
63 65.9 55.0 95.0
95 27.1 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 16.19 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion: 146 Resp: 117296
Ion Ratio Lower Upper
146 100
148 64.7 50.3 75.5
75 40.9 37.0 55.6





#13

1,4-Dichlorobenzene

Concen: 16.29 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

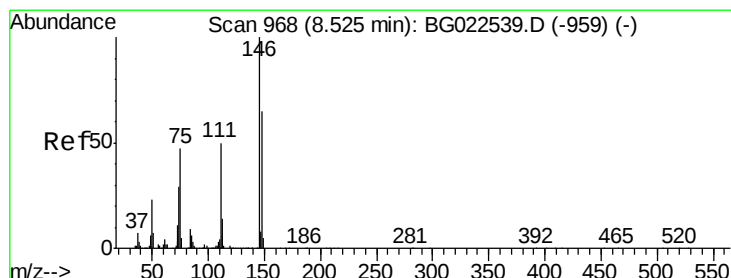
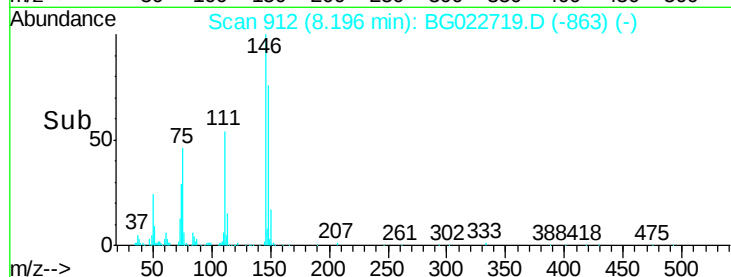
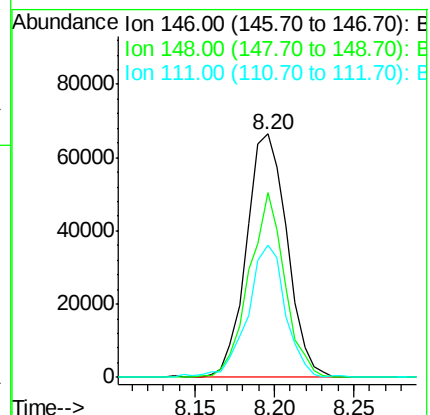
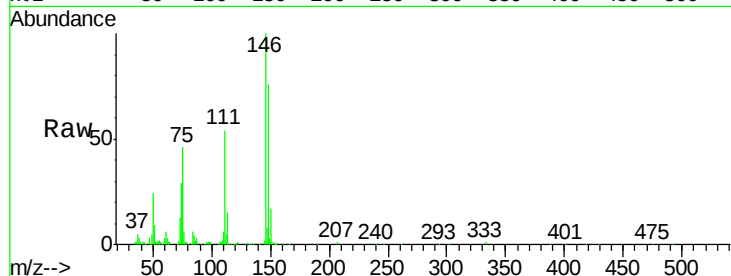
Tgt Ion:146 Resp: 118302

Ion Ratio Lower Upper

146 100

148 76.0 54.5 81.7

111 54.2 37.8 56.8



#14

1,2-Dichlorobenzene

Concen: 16.70 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

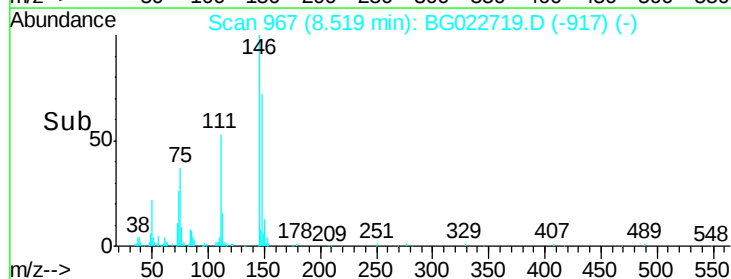
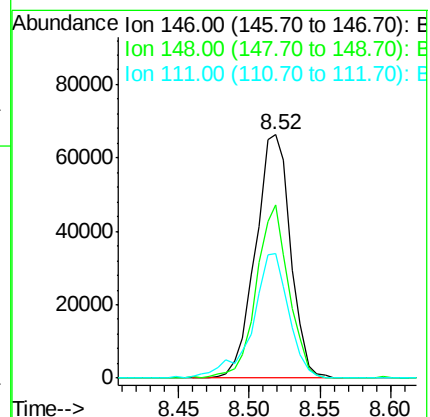
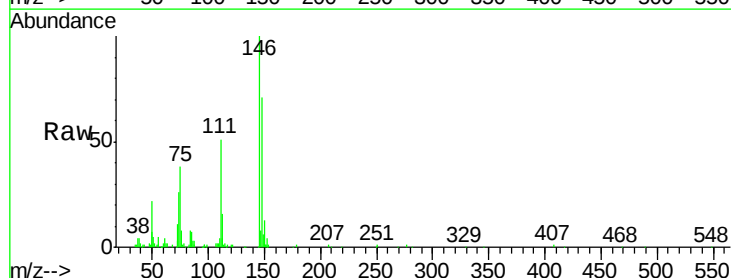
Tgt Ion:146 Resp: 115359

Ion Ratio Lower Upper

146 100

148 71.3 52.9 79.3

111 51.2 43.5 65.3





#15

Benzyl Alcohol

Concen: 20.19 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampled :

PB91593BS

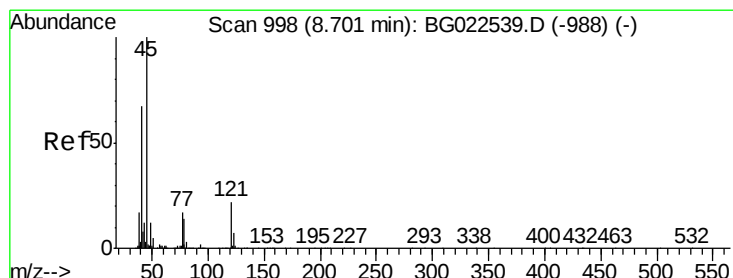
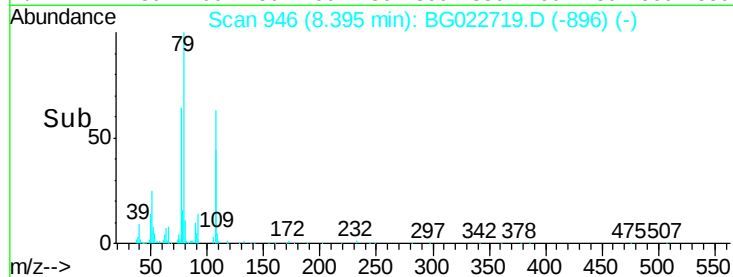
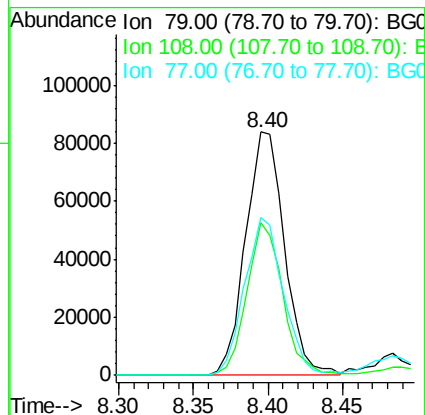
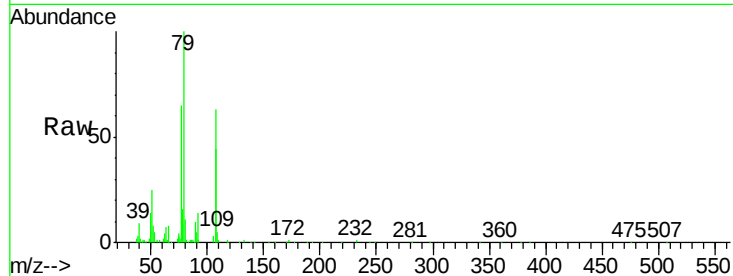
Tgt Ion: 79 Resp: 151365

Ion Ratio Lower Upper

79 100

108 62.5 46.5 69.7

77 64.7 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.96 ng

RT: 8.69 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

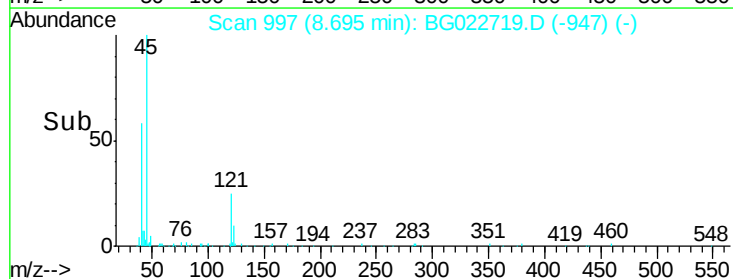
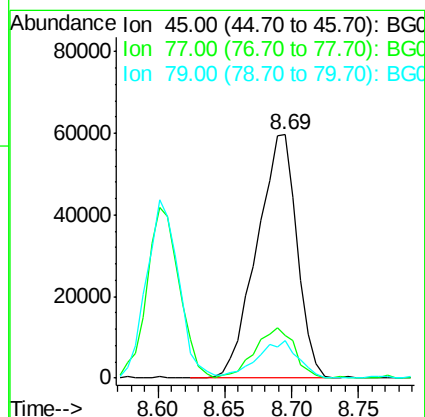
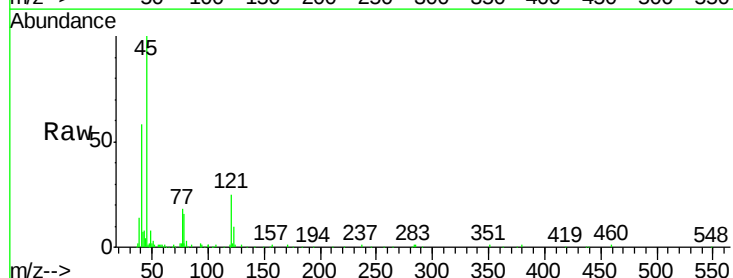
Tgt Ion: 45 Resp: 124457

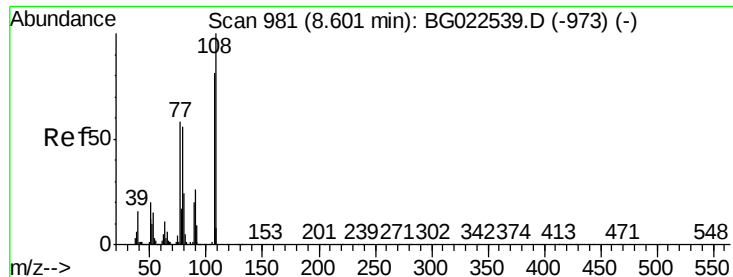
Ion Ratio Lower Upper

45 100

77 17.6 0.6 40.6

79 15.6 0.0 36.2

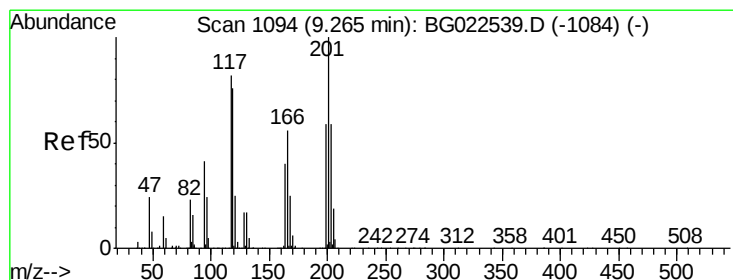
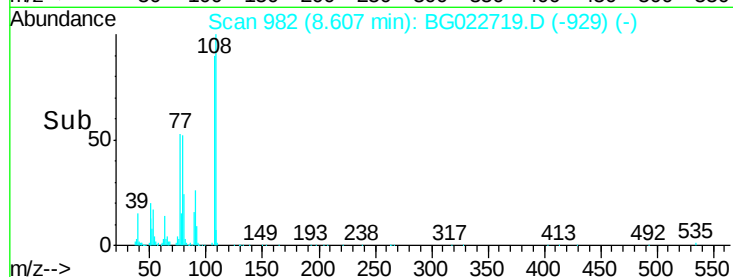
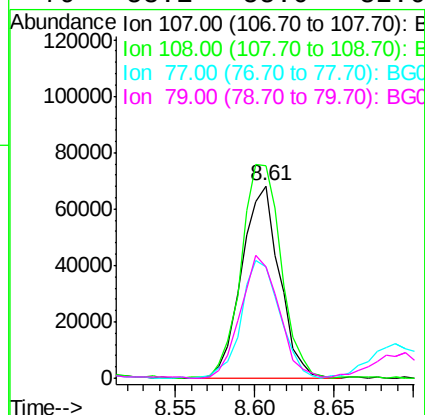
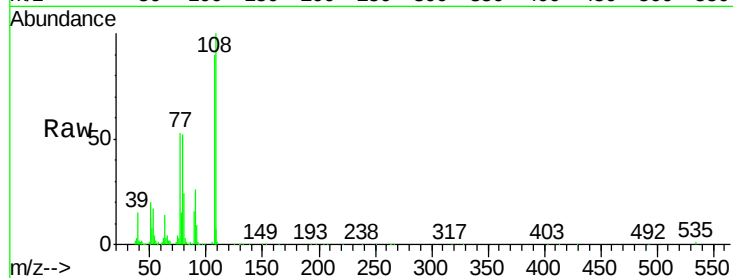




#17
2-Methylphenol
Concen: 20.01 ng
RT: 8.61 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

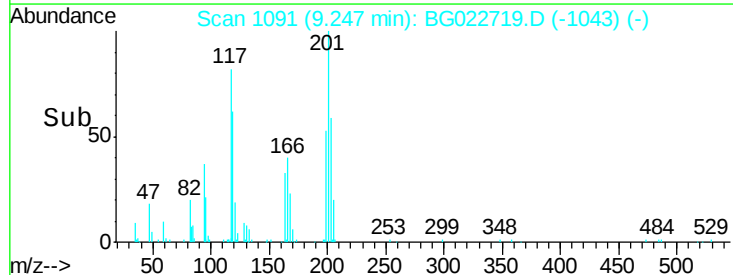
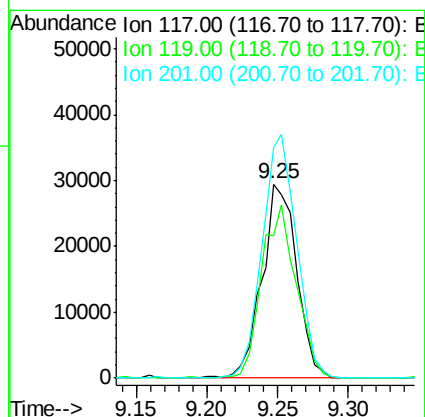
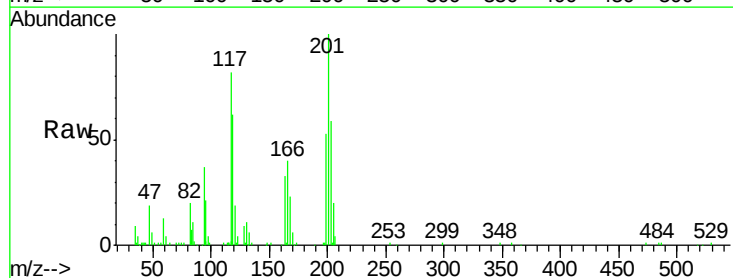
Instrument :
BNA_G
ClientSampleId :
PB91593BS

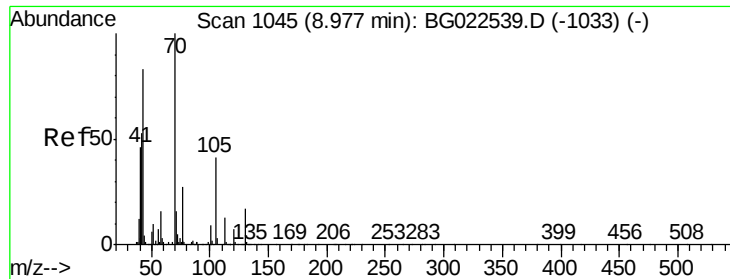
Tgt Ion:	107	Resp:	112984
Ion	Ratio	Lower	Upper
107	100		
108	110.7	92.0	138.0
77	58.2	55.8	83.6
79	58.1	55.0	82.6



#18
Hexachloroethane
Concen: 16.91 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion:	117	Resp:	50851
Ion	Ratio	Lower	Upper
117	100		
119	73.4	73.7	110.5#
201	119.2	88.7	133.1

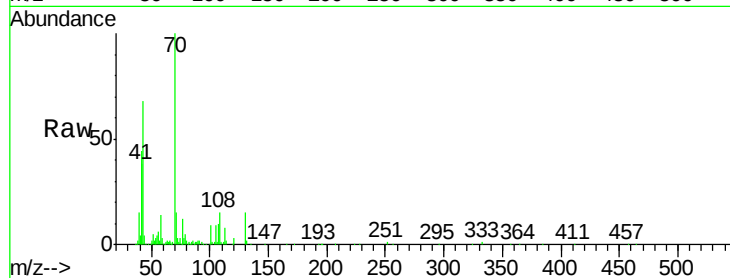




#19
n-Nitroso-di-n-propylamine
Concen: 18.14 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Instrument :
BNA_G
ClientSampleId :
PB91593BS

Tgt Ion:	70	Resp:	122430
Ion	Ratio	Lower	Upper
70	100		
42	43.9	42.1	63.1
101	8.6	7.2	10.8
130	14.8	14.2	21.2



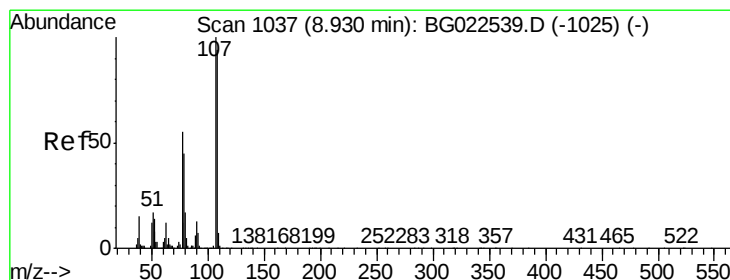
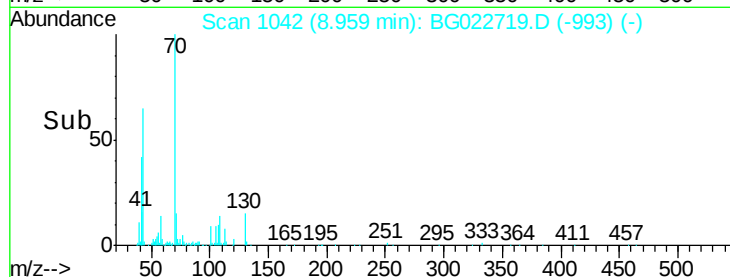
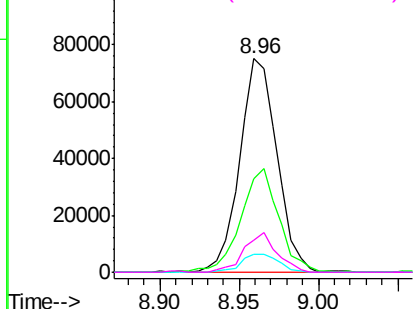
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

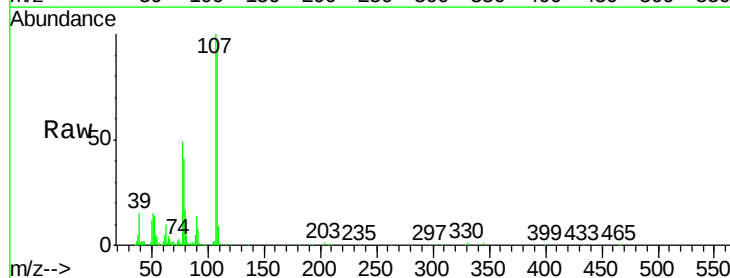
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 20.49 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion:	107	Resp:	159293
Ion	Ratio	Lower	Upper
107	100		
108	92.2	72.5	112.5
77	49.5	30.1	70.1
79	41.5	24.2	64.2



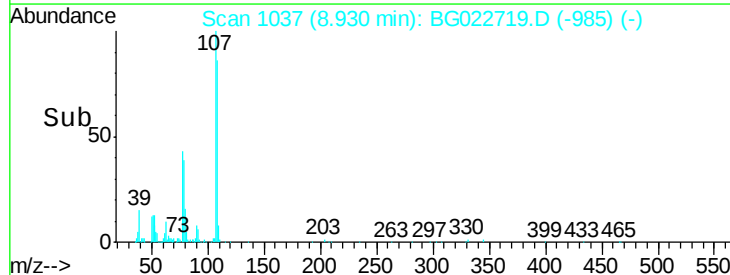
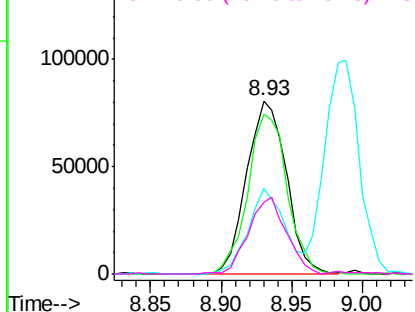
Abundance

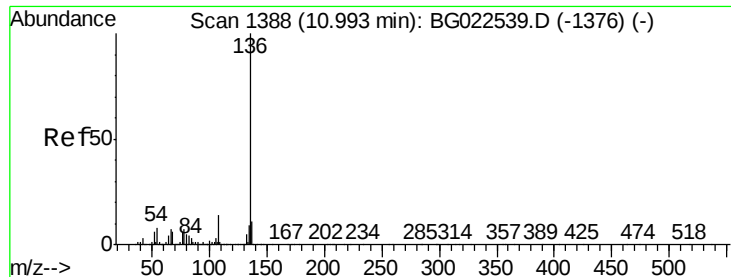
Ion 107.00 (106.70 to 107.70): BGC

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

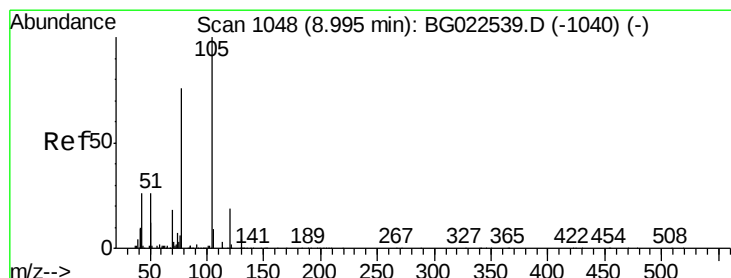
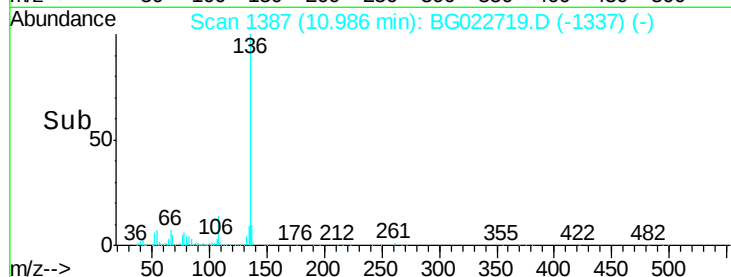
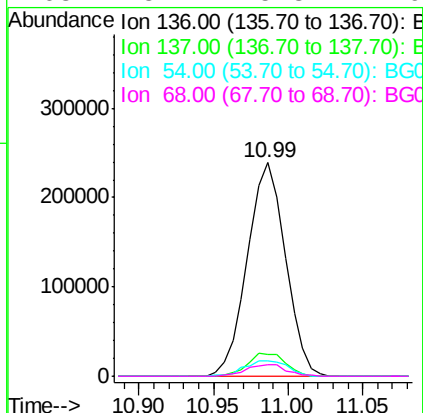
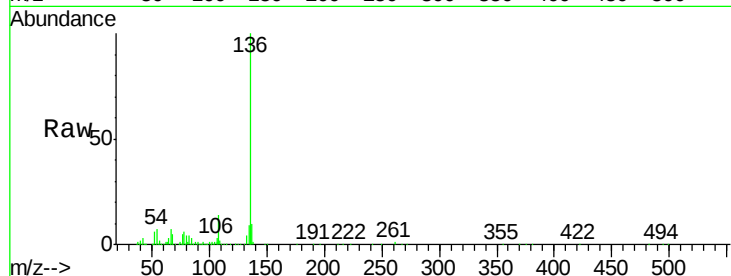




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

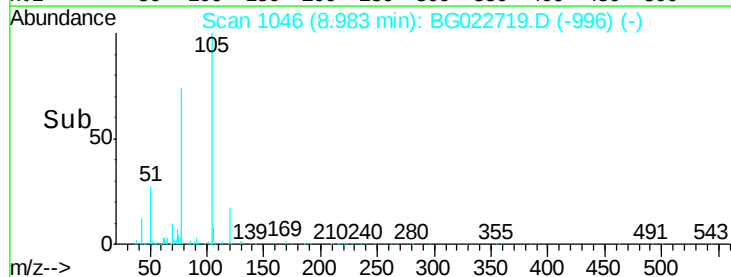
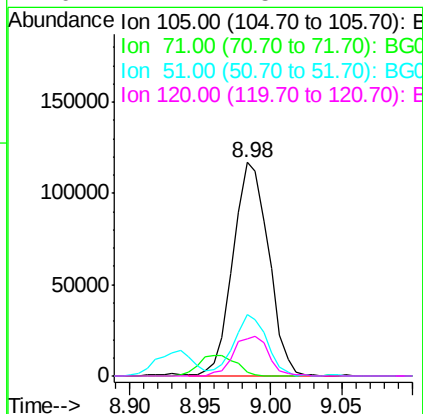
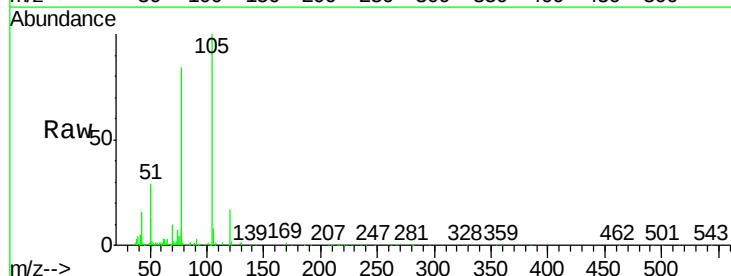
Instrument :
BNA_G
ClientSampleId :
PB91593BS

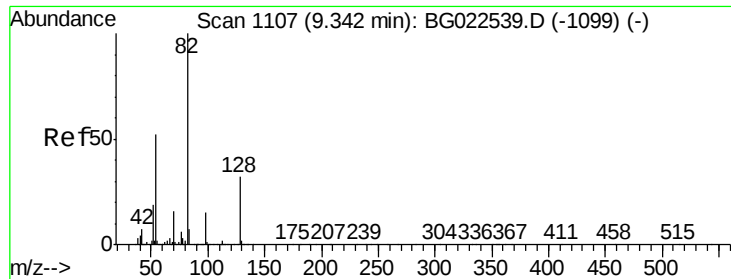
Tgt Ion:	136	Resp:	423019
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.6	14.4
54	7.4	7.3	10.9
68	5.2	5.3	7.9#



#22
Acetophenone
Concen: 16.91 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion:	105	Resp:	206754
Ion Ratio	Lower	Upper	
105	100		
71	2.1	2.6	3.8#
51	28.5	27.1	40.7
120	17.2	15.1	22.7

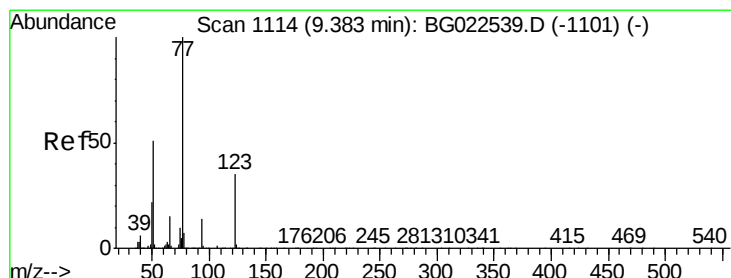
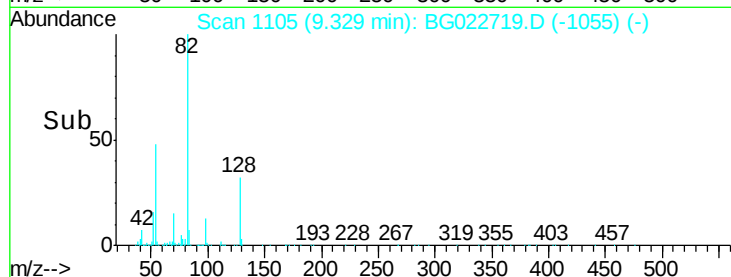
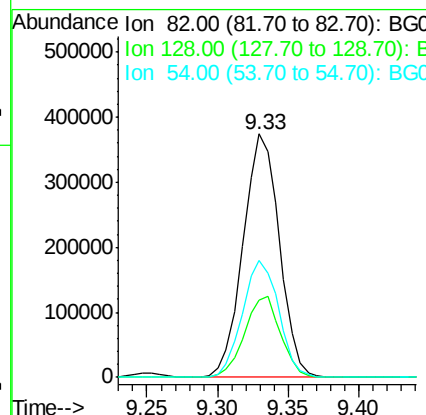
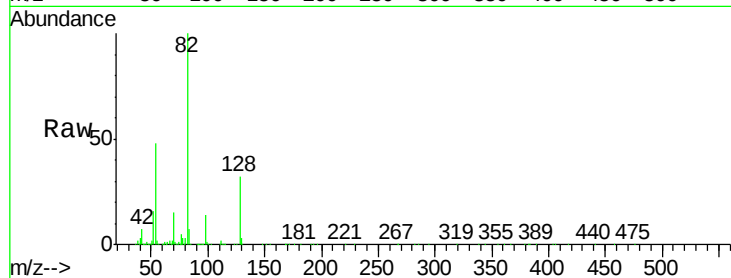




#23
 Nitrobenzene-d5
 Concen: 67.34 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

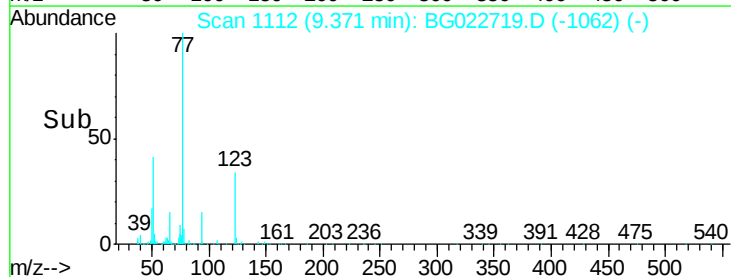
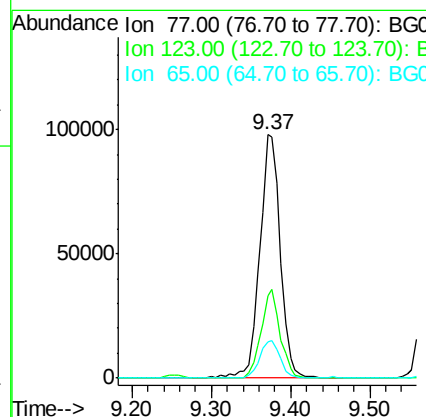
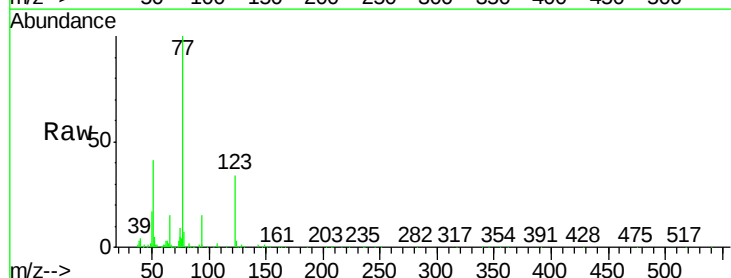
Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

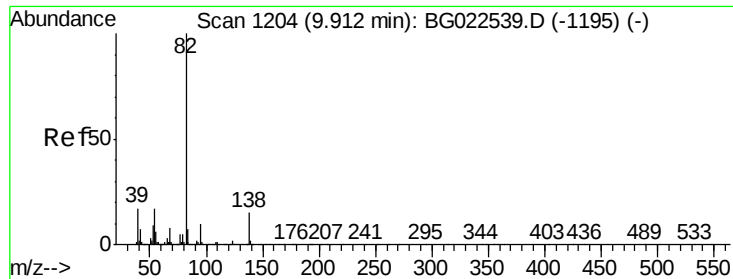
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.4	36.6
54	48.1	41.4	62.0



#24
 Nitrobenzene
 Concen: 16.02 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.9	25.0	37.6
65	14.8	13.4	20.0





#25

Isophorone

Concen: 16.39 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

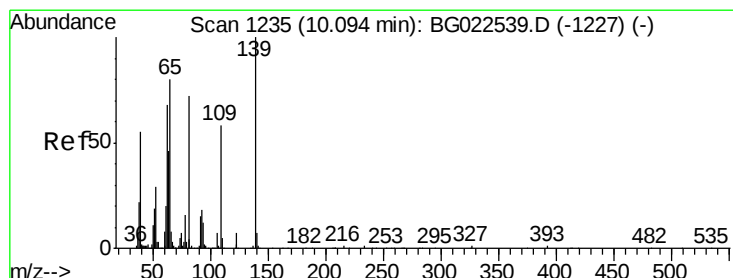
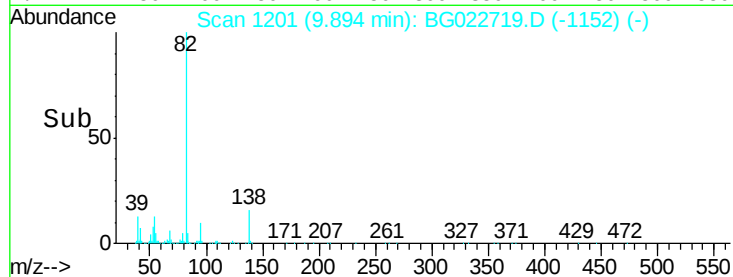
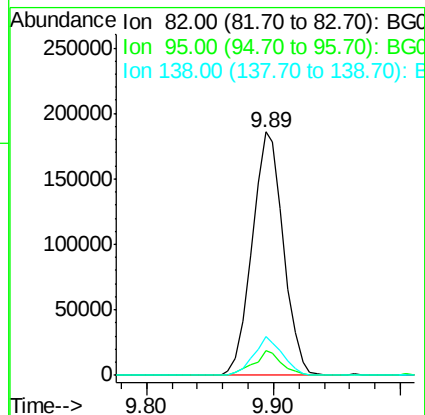
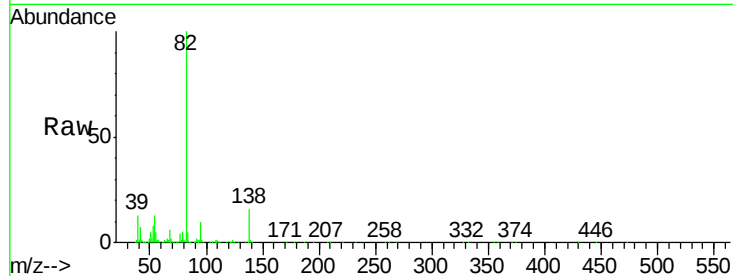
Tgt Ion: 82 Resp: 317927

Ion Ratio Lower Upper

82 100

95 10.1 8.2 12.2

138 16.2 10.7 16.1#



#26

2-Nitrophenol

Concen: 17.71 ng

RT: 10.09 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

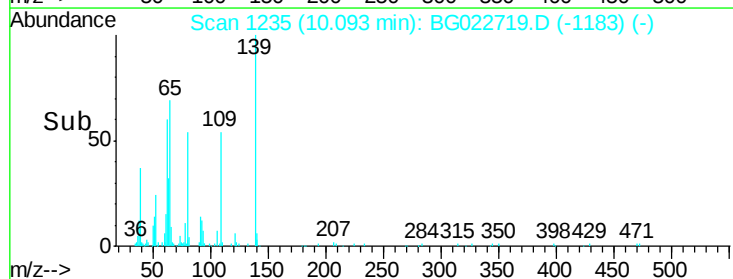
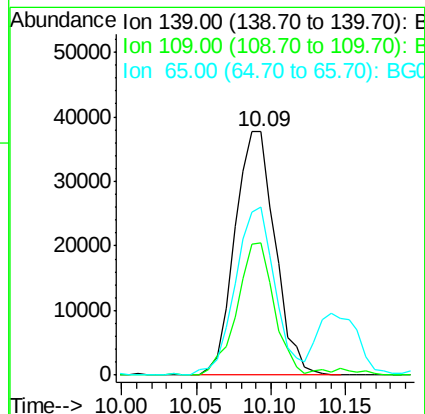
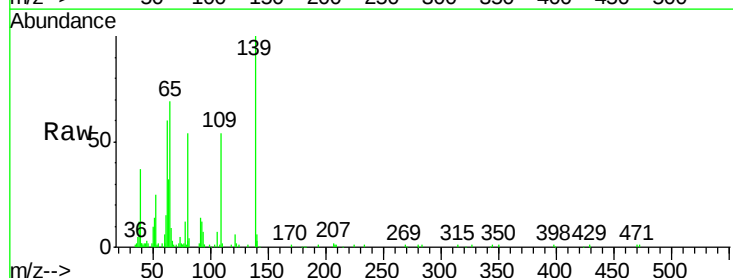
Tgt Ion: 139 Resp: 70460

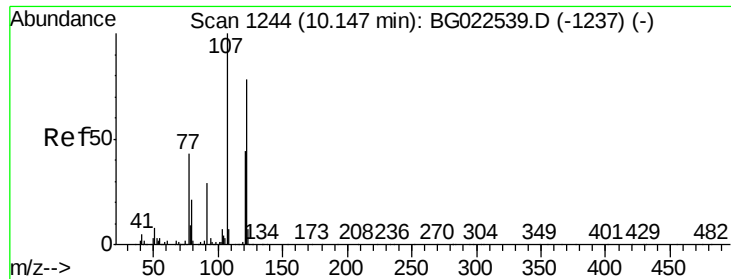
Ion Ratio Lower Upper

139 100

109 54.4 43.5 65.3

65 68.9 64.3 96.5

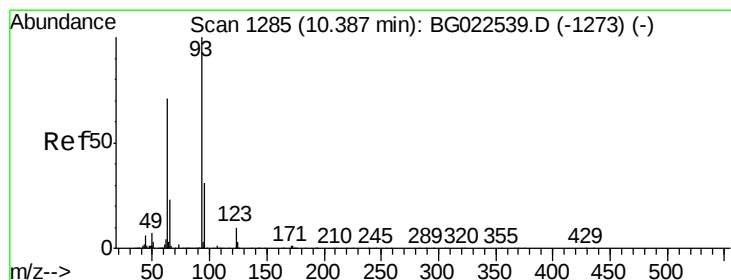
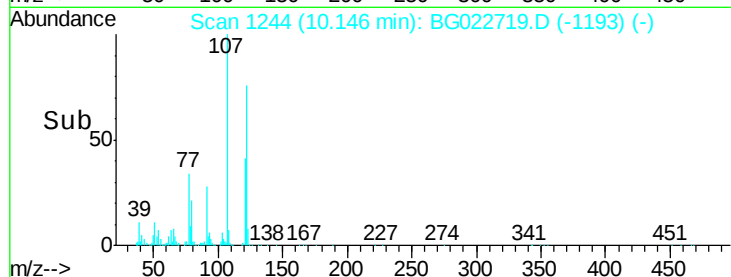
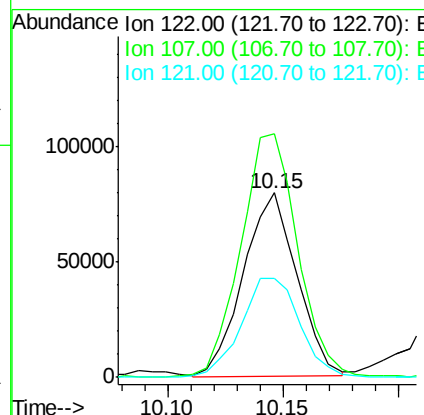
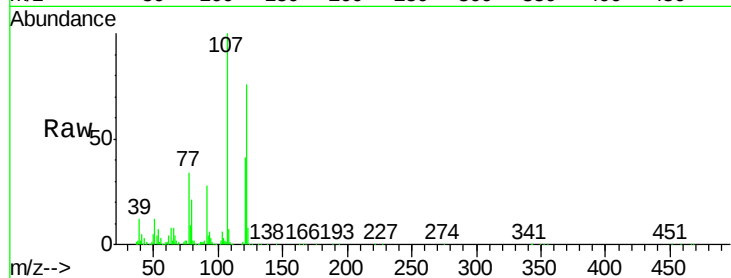




#27
 2,4-Dimethylphenol
 Concen: 16.94 ng
 RT: 10.15 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

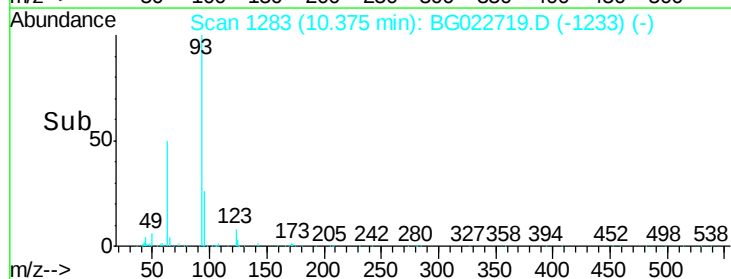
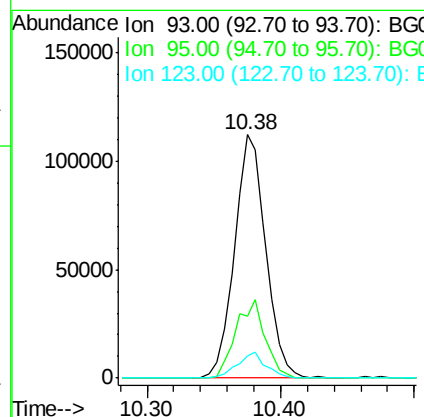
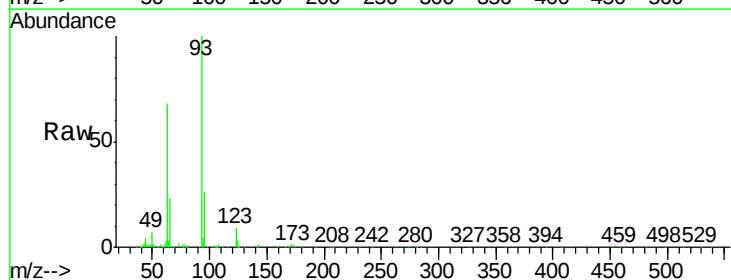
Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

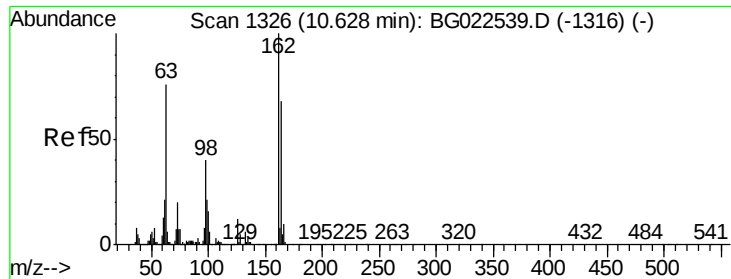
Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.8	117.0	175.4
121	53.4	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 17.19 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	25.5	25.4	38.2
123	9.1	8.2	12.2

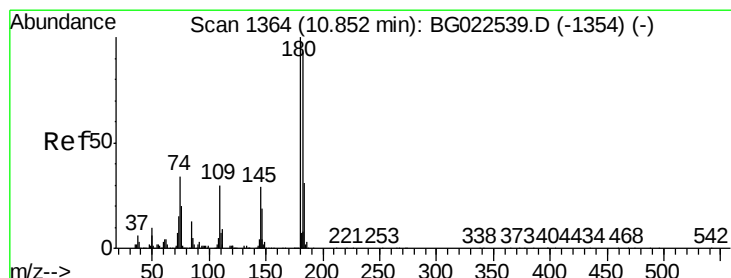
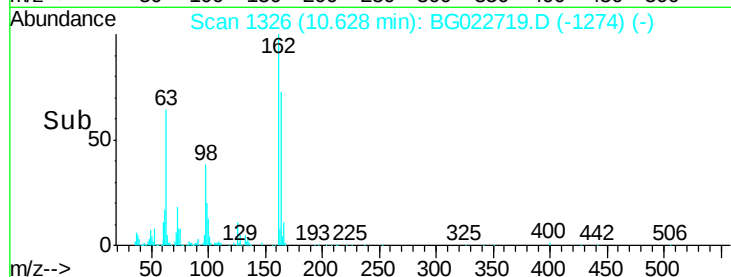
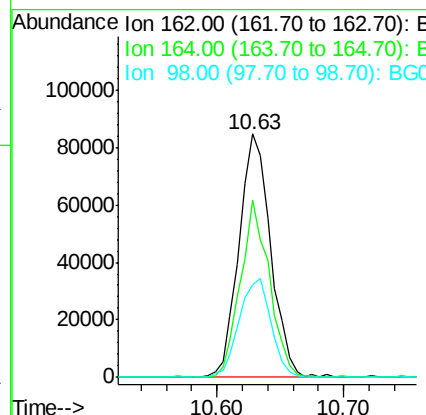
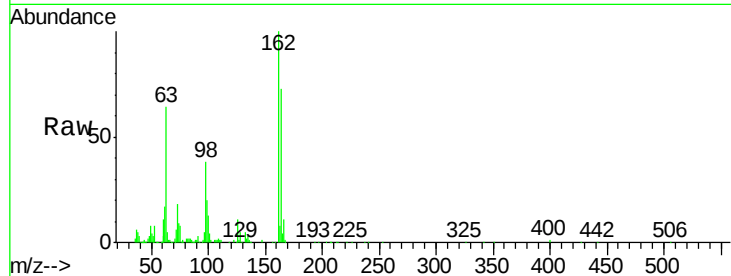




#29
2,4-Dichlorophenol
Concen: 19.71 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

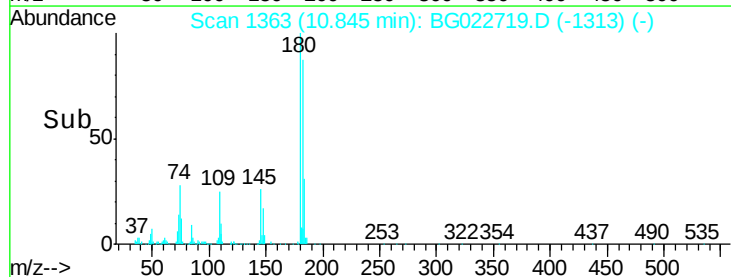
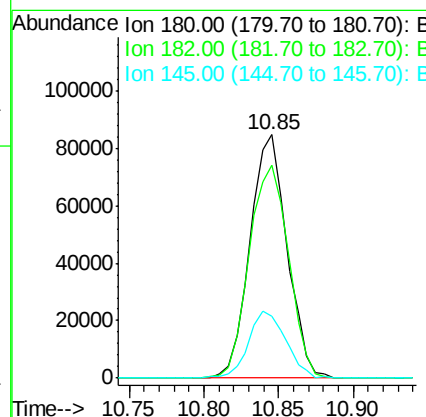
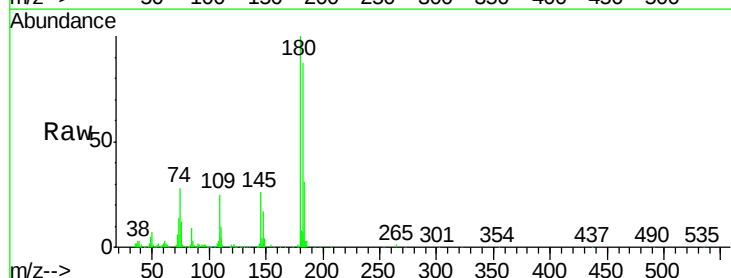
Instrument :
BNA_G
ClientSampleId :
PB91593BS

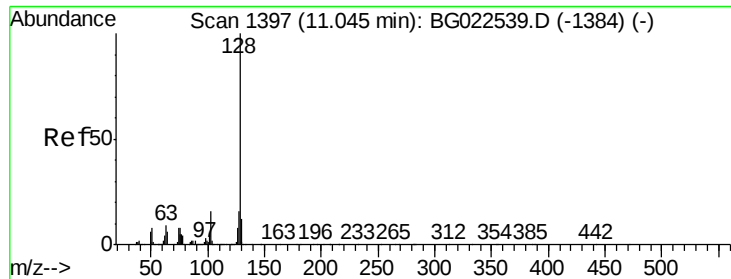
Tgt Ion	Ratio	Lower	Upper
162	100		
164	72.7	44.3	84.3
98	38.1	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 16.51 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.3	73.8	110.8
145	25.5	24.4	36.6

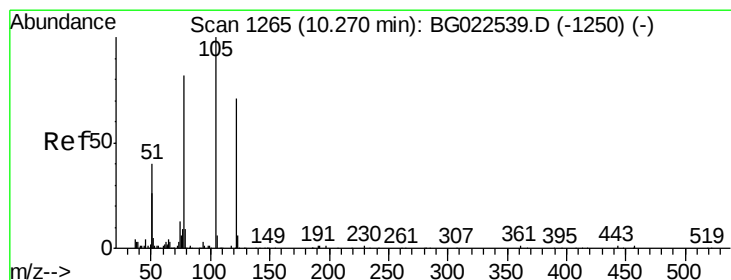
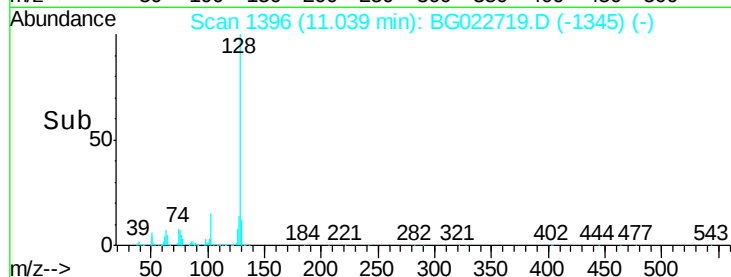
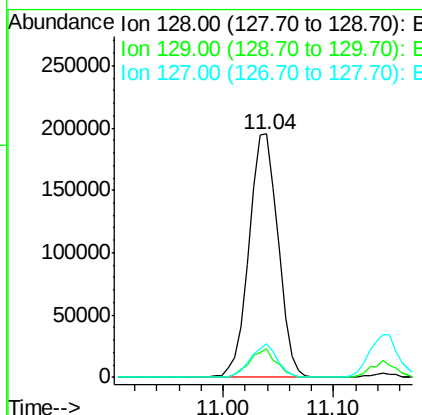
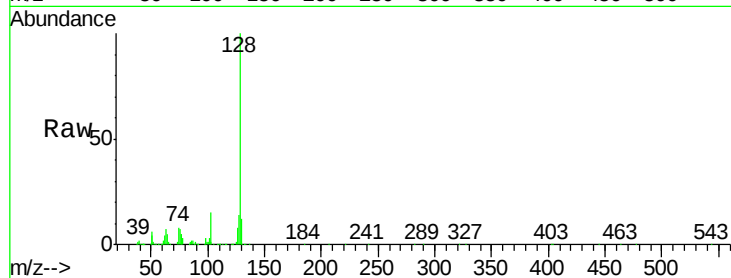




#31
Naphthalene
Concen: 17.02 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

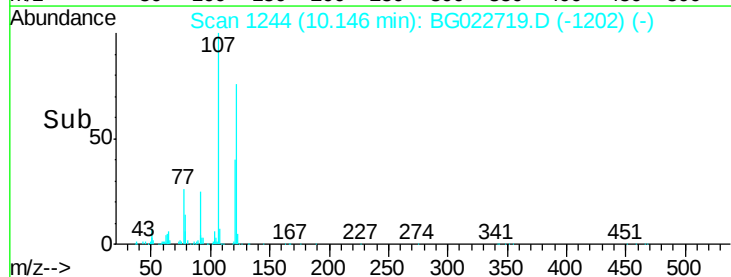
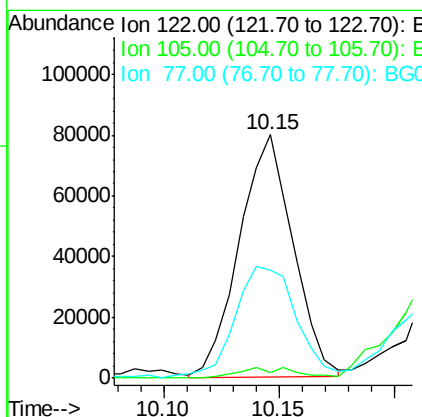
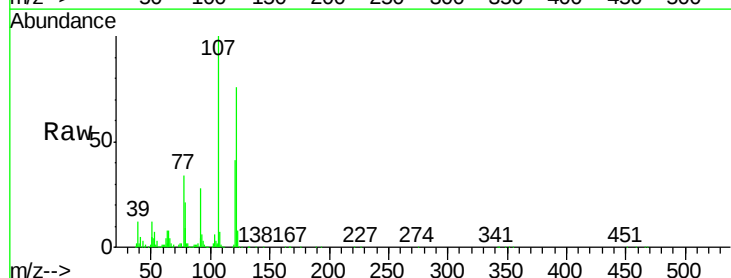
Instrument :
BNA_G
ClientSampleId :
PB91593BS

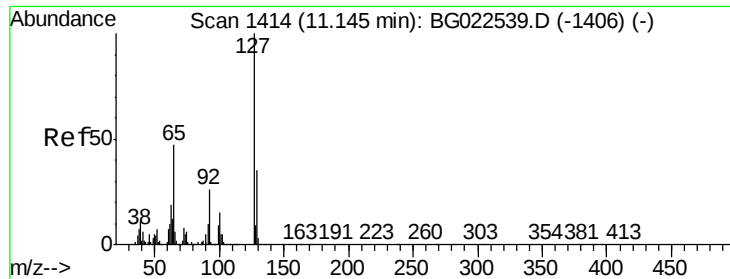
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 28.27 ng
RT: 10.15 min Scan# 1244
Delta R.T. -0.05 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	2.5	117.2	157.2#
77	44.2	109.2	149.2#

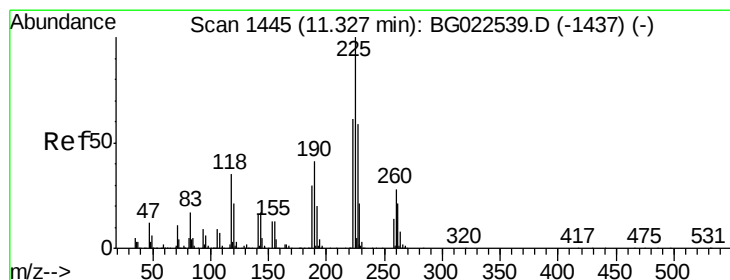
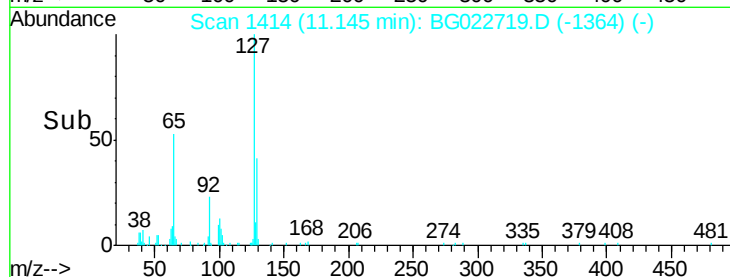
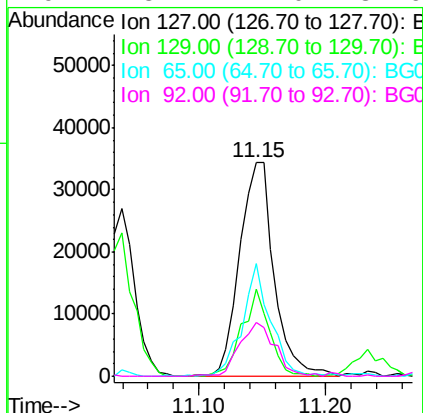
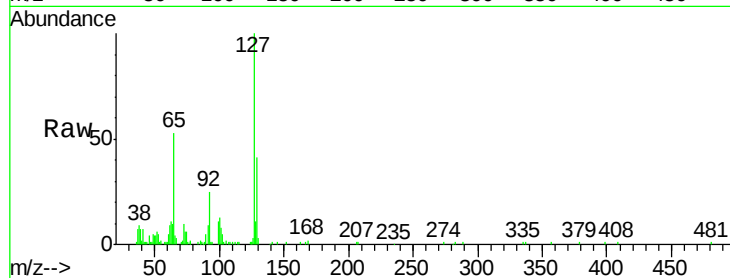




#33
4-Chloroaniline
Concen: 7.12 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

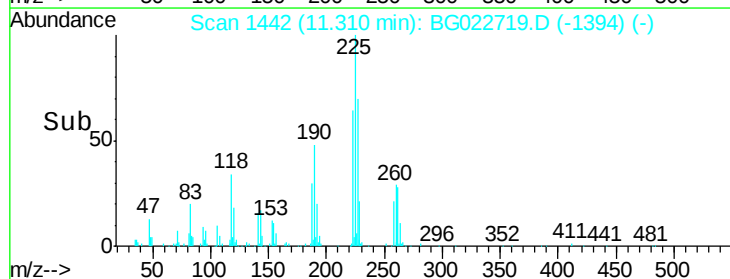
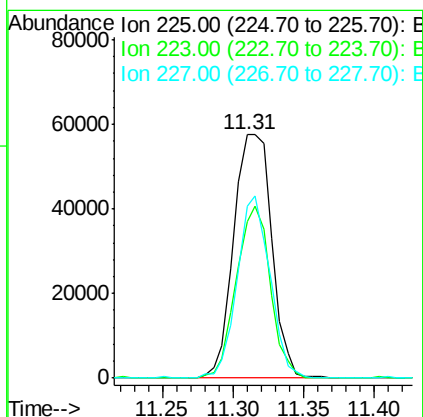
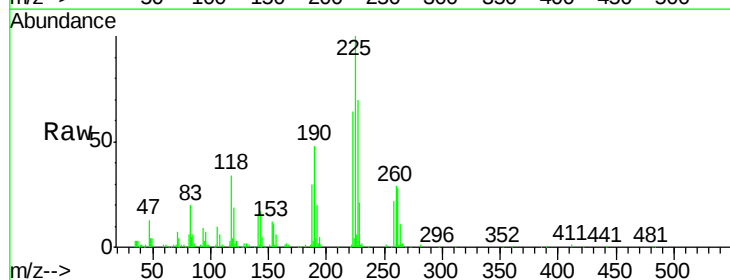
Instrument :
BNA_G
ClientSampleId :
PB91593BS

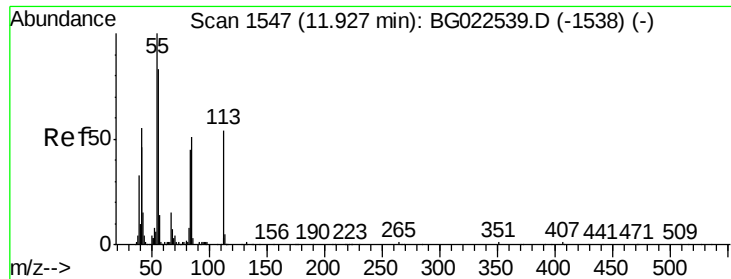
Tgt Ion:	127	Resp:	65189
Ion	Ratio	Lower	Upper
127	100		
129	40.9	27.9	41.9
65	52.9	36.8	55.2
92	25.2	21.0	31.6



#34
Hexachlorobutadiene
Concen: 15.87 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion:	225	Resp:	108482
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.6	74.4
227	70.4	54.5	81.7





#35

Caprolactam

Concen: 24.15 ng

RT: 11.91 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

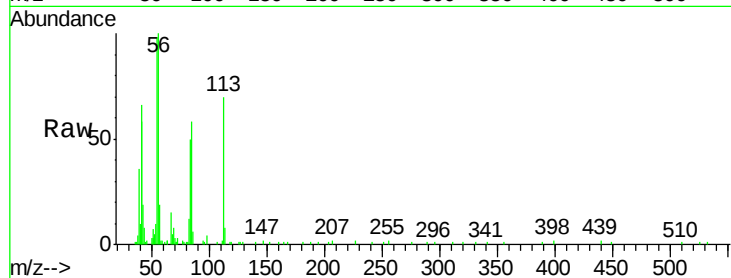
Tgt Ion:113 Resp: 56352

Ion Ratio Lower Upper

113 100

55 139.8 154.5 194.5#

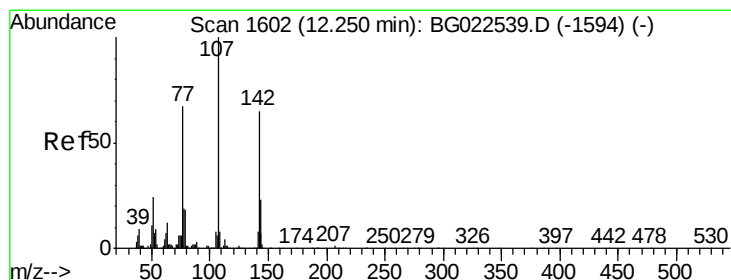
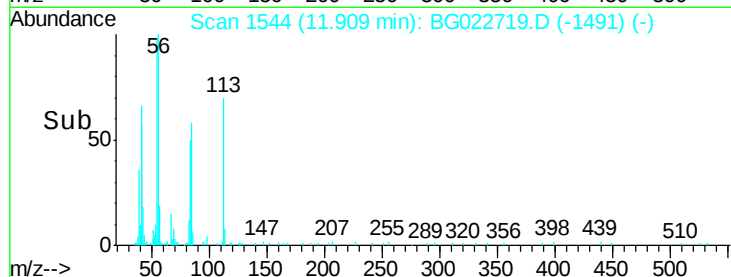
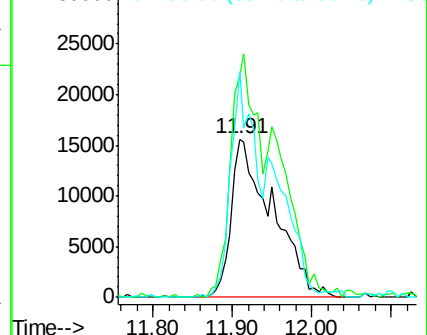
56 142.4 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 21.25 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.02 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

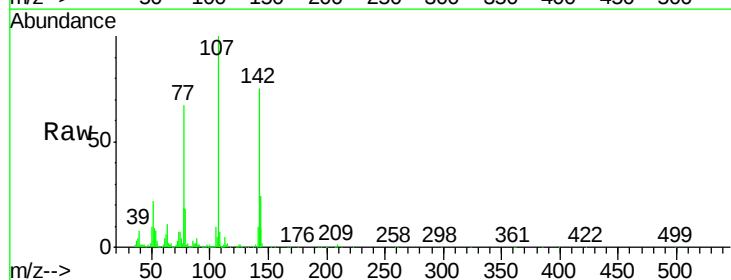
Tgt Ion:107 Resp: 193254

Ion Ratio Lower Upper

107 100

144 24.0 17.0 25.6

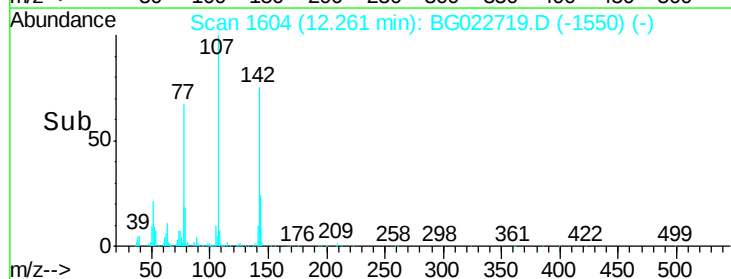
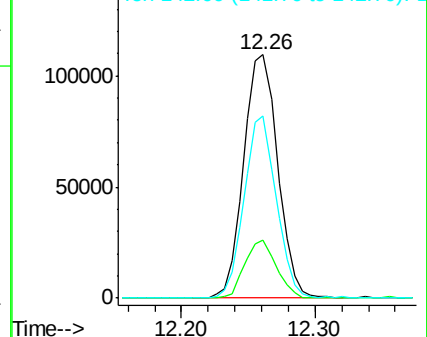
142 74.8 53.0 79.6

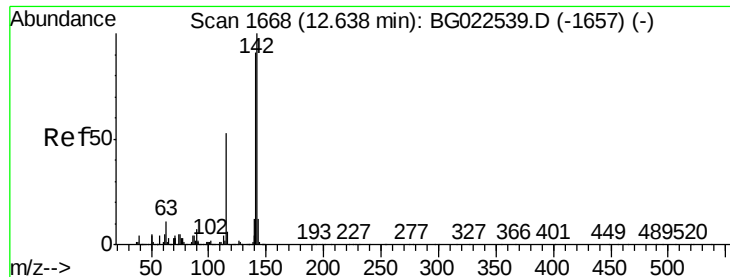


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

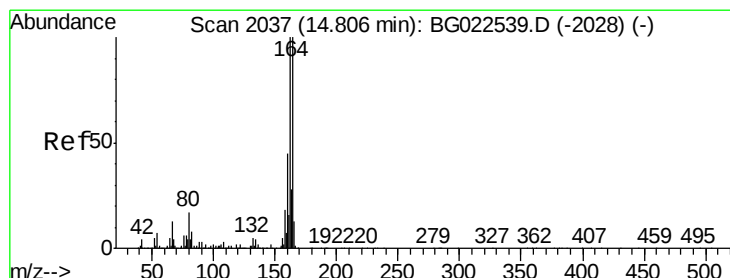
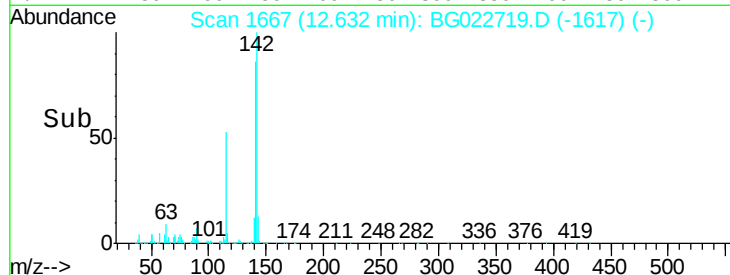
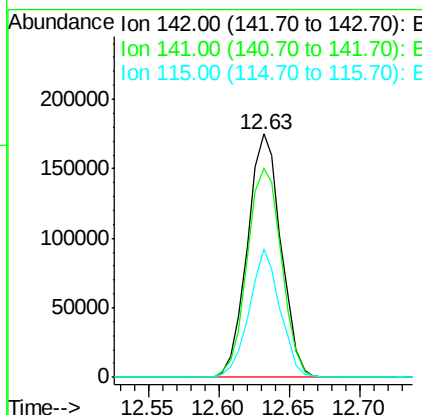
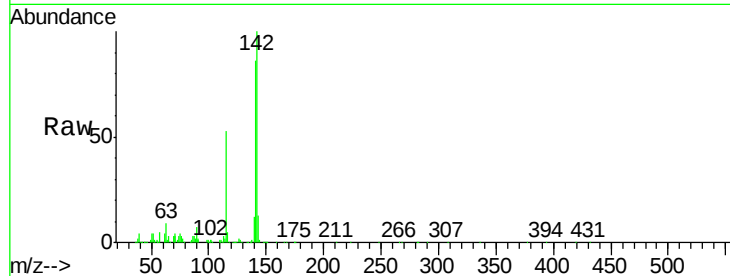




#37
 2-Methylnaphthalene
 Concen: 17.72 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

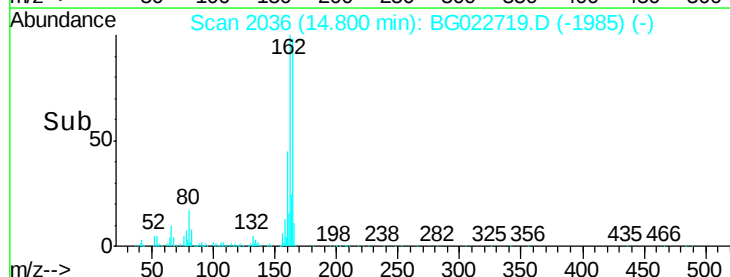
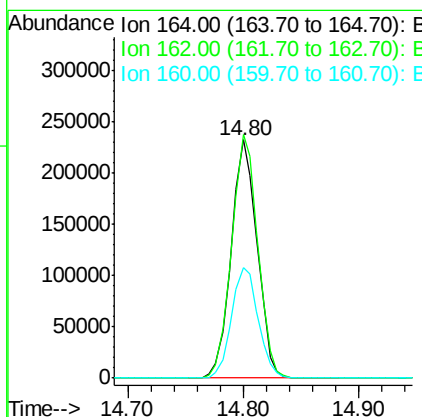
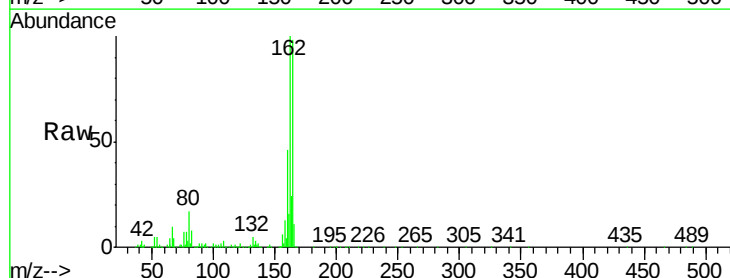
Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.2	105.2
115	52.6	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	87.7	131.5
160	46.6	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.87 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

Tgt Ion:216 Resp: 202274

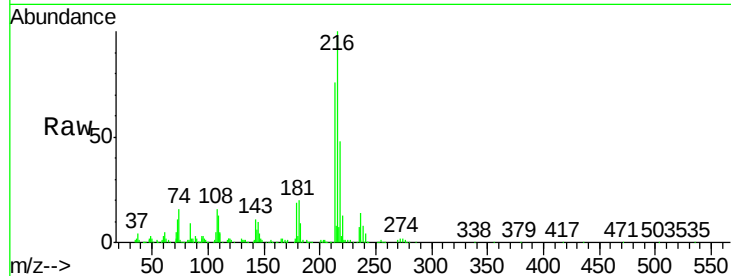
Ion Ratio Lower Upper

216 100

214 77.1 62.9 94.3

179 19.9 17.2 25.8

108 20.4 16.3 24.5

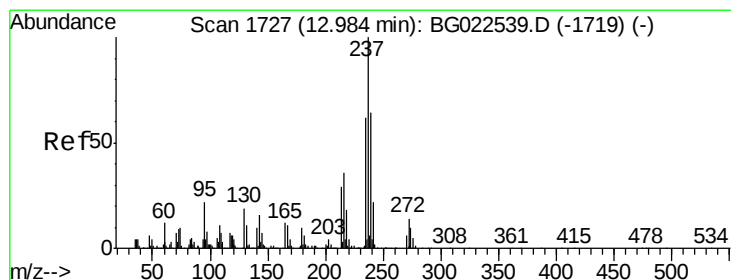
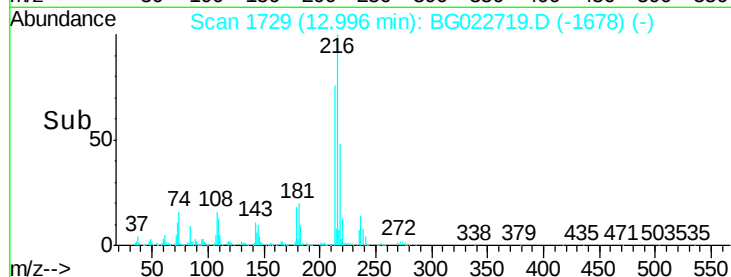
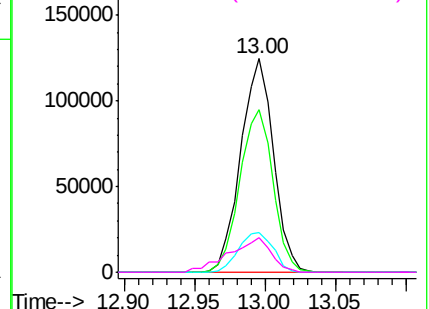


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.00 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

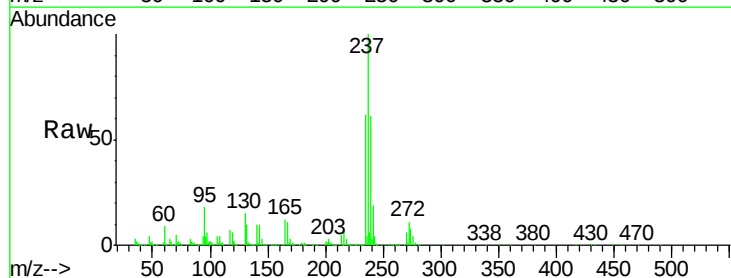
Tgt Ion:237 Resp: 423607

Ion Ratio Lower Upper

237 100

235 62.0 43.1 83.1

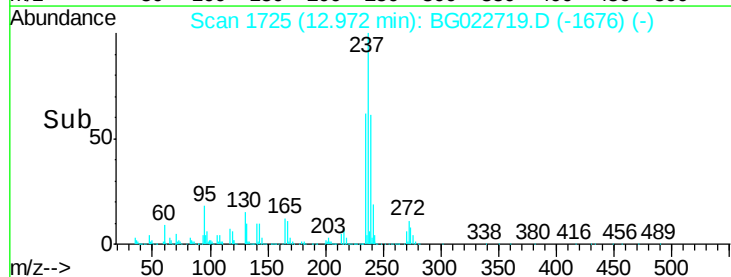
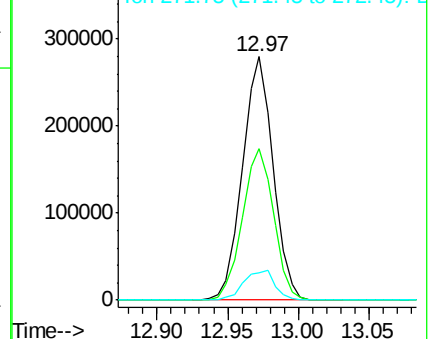
272 11.3 0.0 30.9

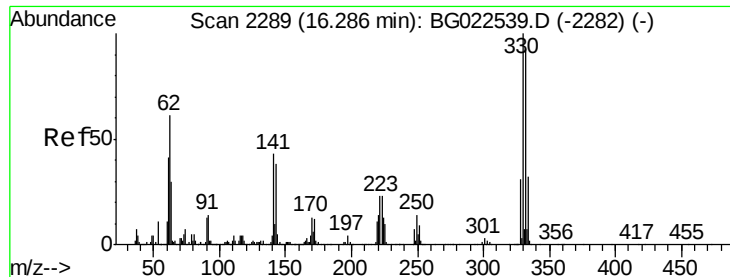


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

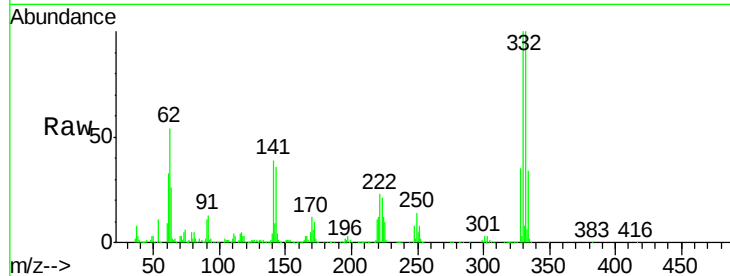




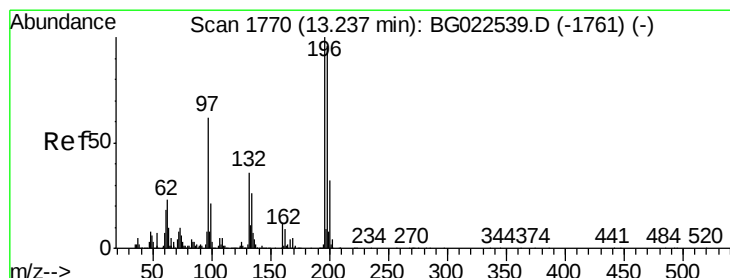
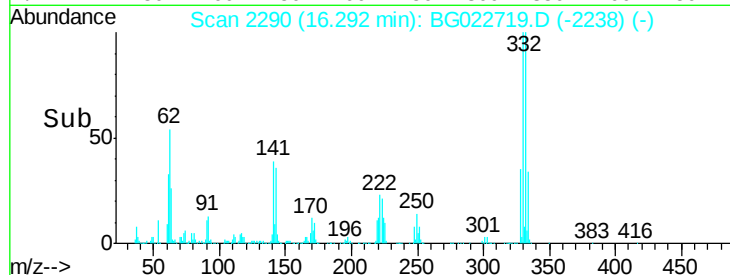
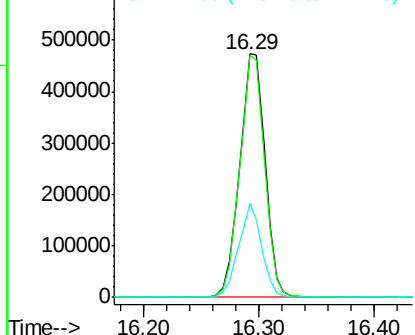
#41
 2,4,6-Tribromophenol
 Concen: 127.00 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	35.0	31.7	47.5

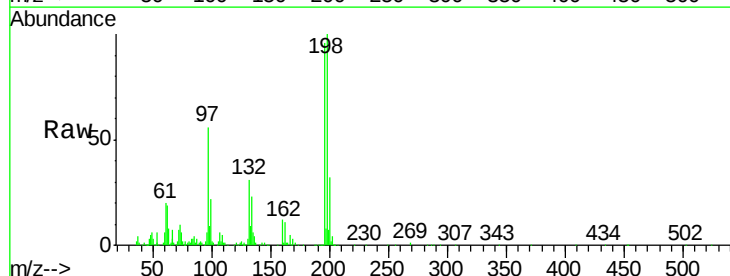


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

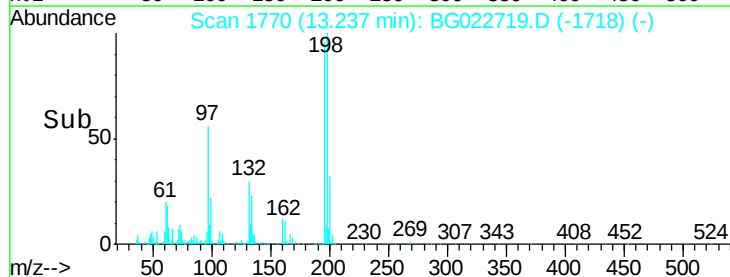
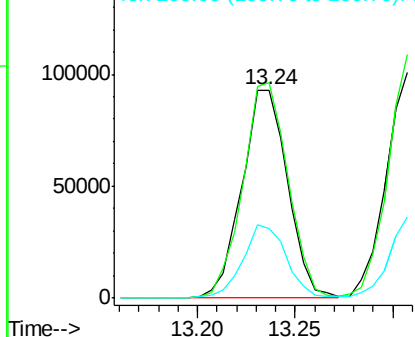


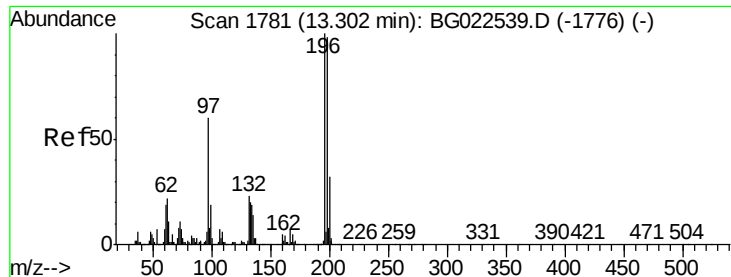
#42
 2,4,6-Trichlorophenol
 Concen: 17.31 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.8	78.2	117.2
200	33.3	27.0	40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

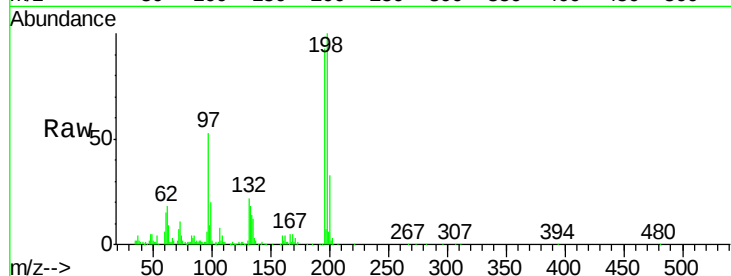




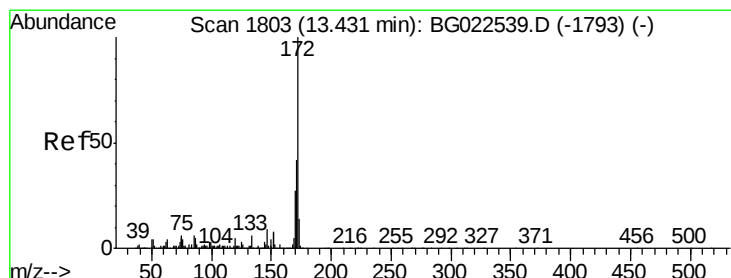
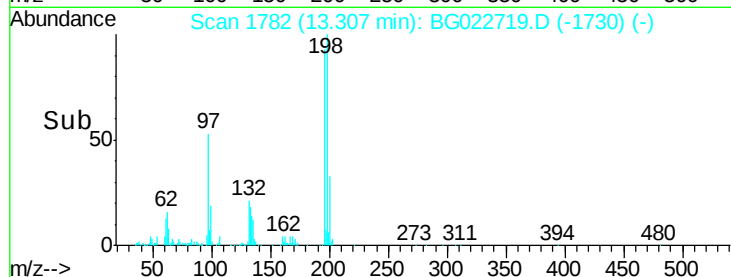
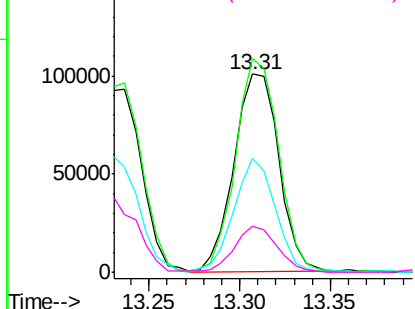
#43
2,4,5-Trichlorophenol
Concen: 18.99 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Instrument :
BNA_G
ClientSampleId :
PB91593BS

Tgt Ion:196 Resp: 173382
Ion Ratio Lower Upper
196 100
198 107.9 85.7 128.5
97 57.4 45.5 68.3
132 23.4 18.9 28.3

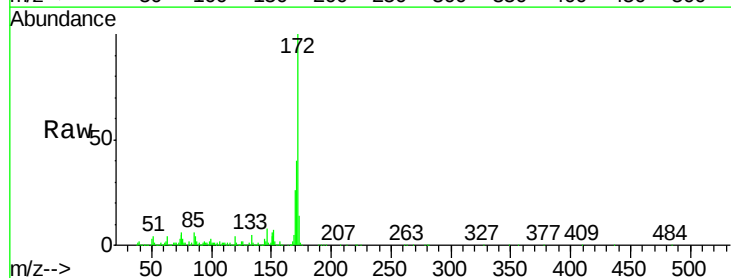


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

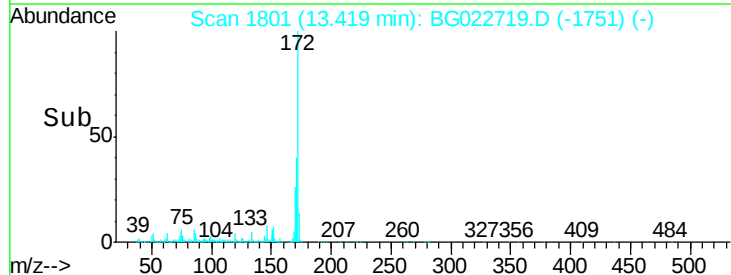
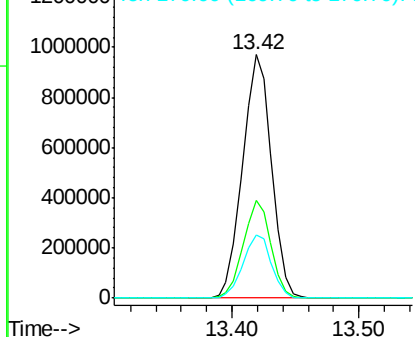


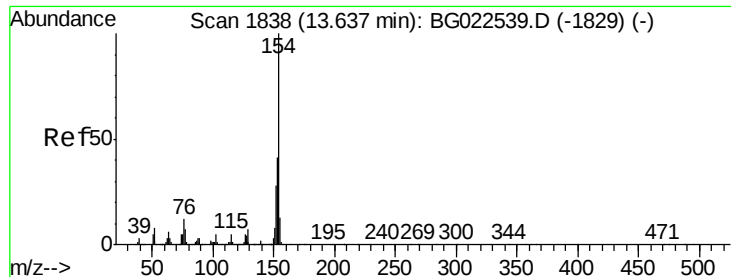
#44
2-Fluorobiphenyl
Concen: 67.33 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion:172 Resp: 1530130
Ion Ratio Lower Upper
172 100
171 39.9 31.6 47.4
170 25.7 21.3 31.9



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

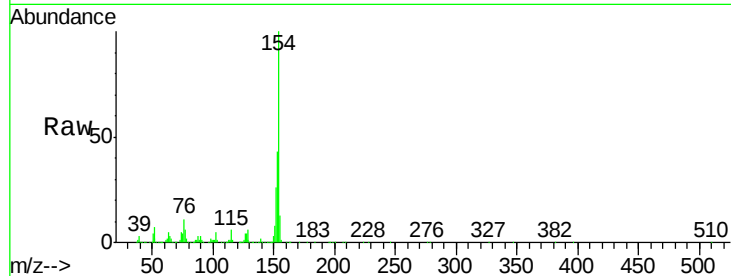




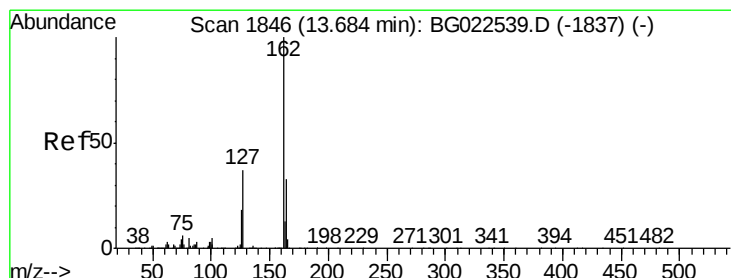
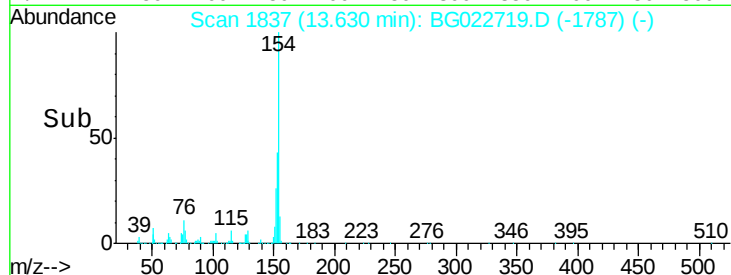
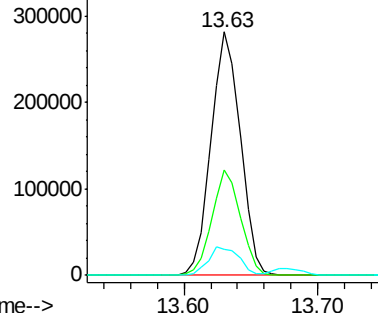
#45
 1,1'-Biphenyl
 Concen: 15.60 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

Tgt Ion:	154	Resp:	428407
Ion	Ratio	Lower	Upper
154	100		
153	43.3	20.2	60.2
76	10.6	0.0	32.9

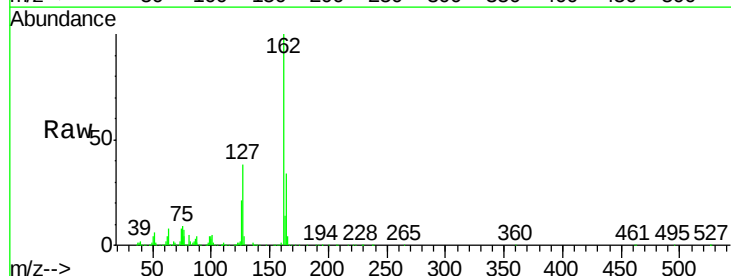


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

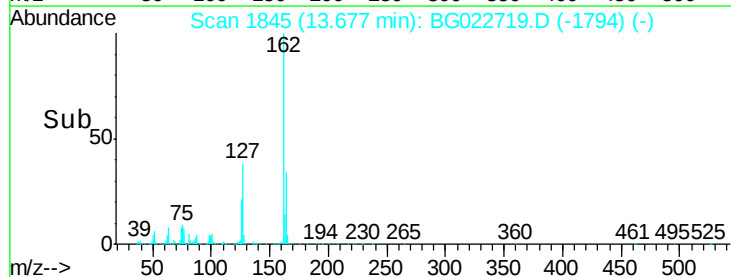
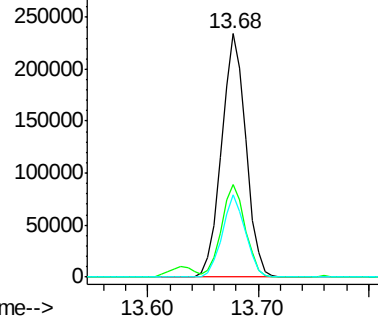


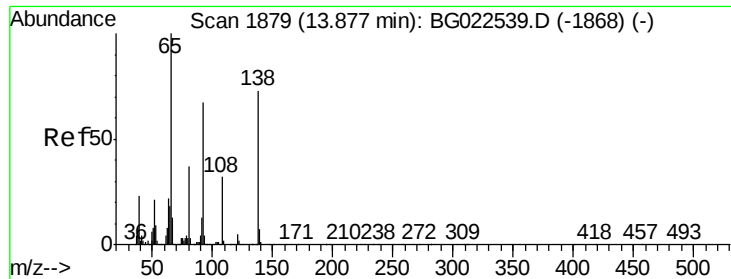
#46
 2-Chloronaphthalene
 Concen: 16.02 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Tgt Ion:	162	Resp:	362010
Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.4	48.6
164	33.6	25.2	37.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

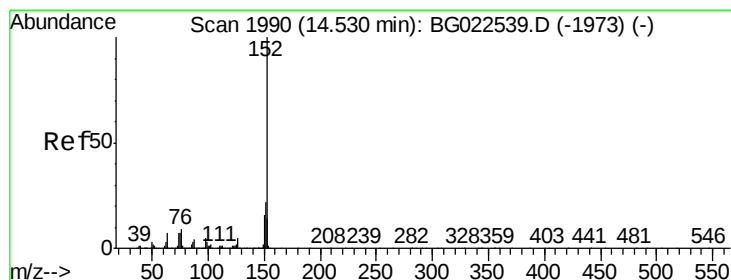
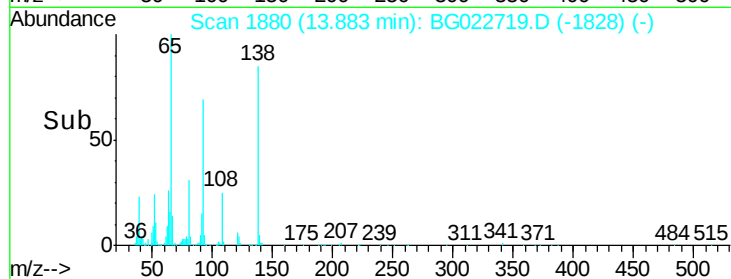
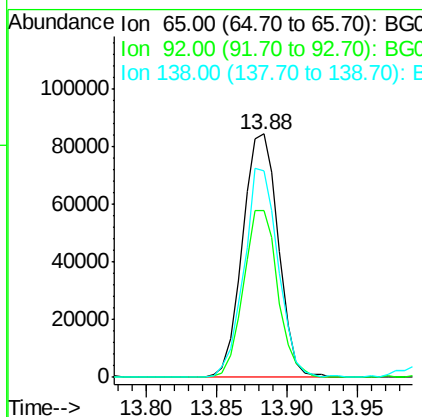
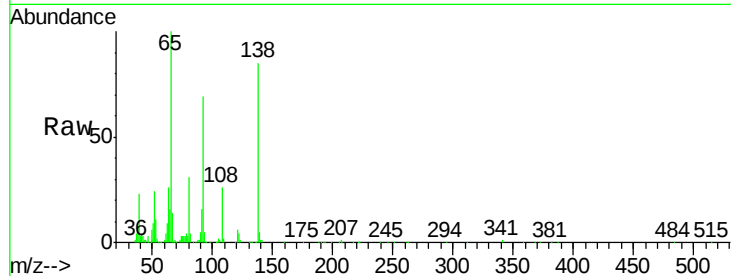




#47
2-Nitroaniline
Concen: 17.16 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

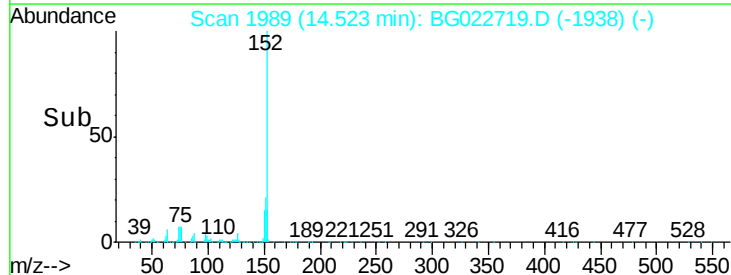
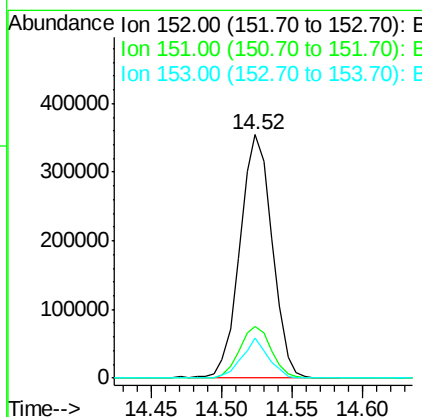
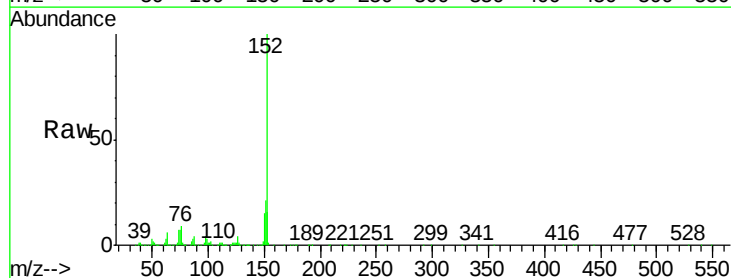
Instrument :
BNA_G
ClientSampled :
PB91593BS

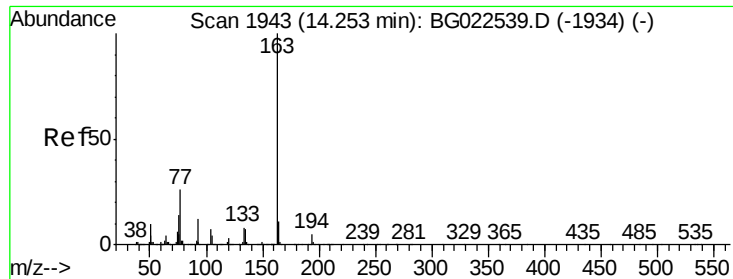
Tgt Ion: 65 Resp: 149593
Ion Ratio Lower Upper
65 100
92 68.6 49.4 74.0
138 85.0 58.0 87.0



#48
Acenaphthylene
Concen: 17.17 ng
RT: 14.52 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion: 152 Resp: 562739
Ion Ratio Lower Upper
152 100
151 21.3 17.6 26.4
153 16.5 11.4 17.2





#49

Dimethylphthalate

Concen: 18.17 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

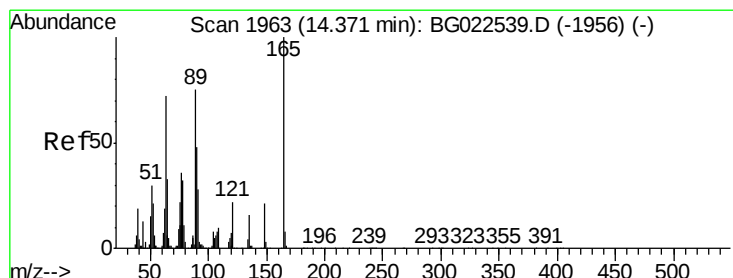
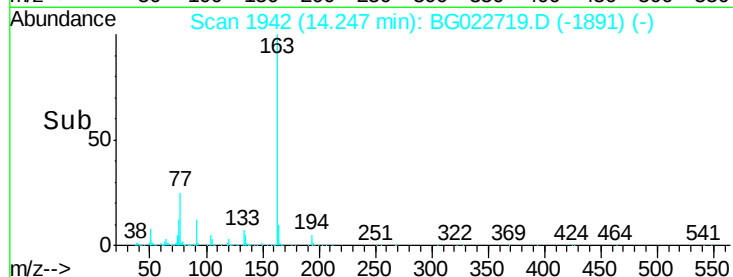
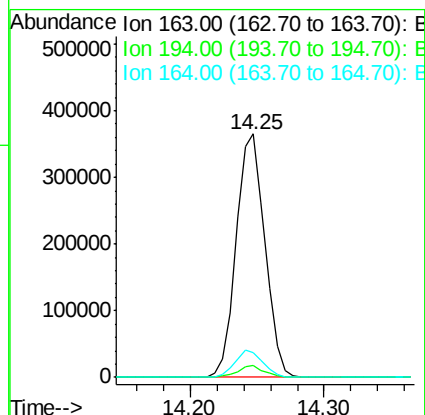
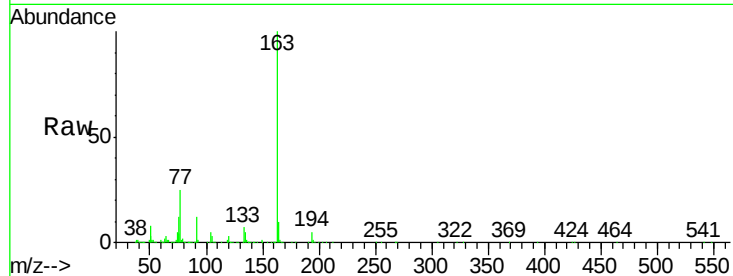
Instrument :

BNA_G

ClientSampleId :

PB91593BS

Tgt Ion:	163	Resp:	543315
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	10.3	8.1	12.1



#50

2,6-Dinitrotoluene

Concen: 18.42 ng

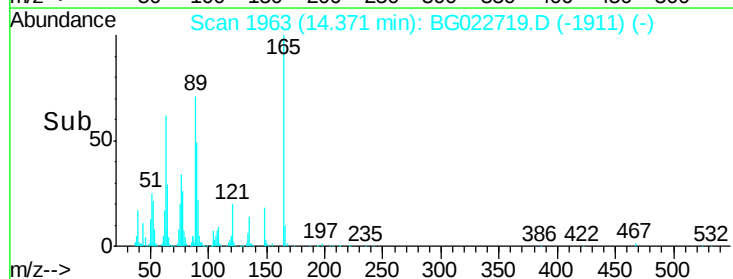
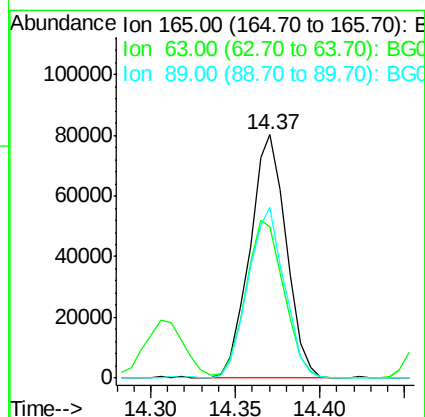
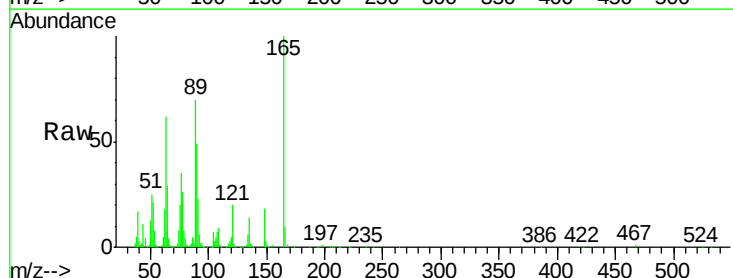
RT: 14.37 min Scan# 1963

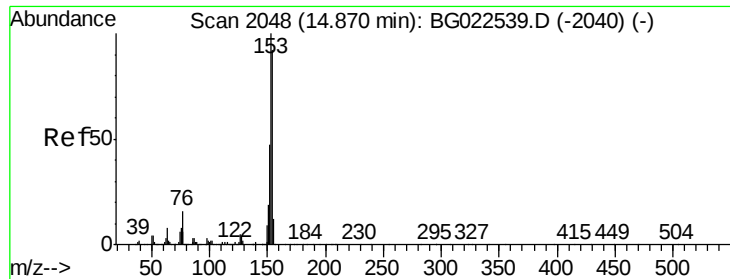
Delta R.T. 0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Tgt Ion:	165	Resp:	119645
Ion Ratio	Lower	Upper	
165	100		
63	62.2	64.3	96.5#
89	70.3	64.3	96.5





#51

Acenaphthene

Concen: 15.02 ng

RT: 14.86 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

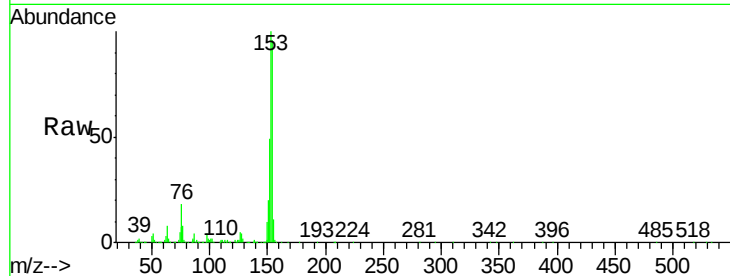
Tgt Ion:154 Resp: 362476

Ion Ratio Lower Upper

154 100

153 104.2 87.5 131.3

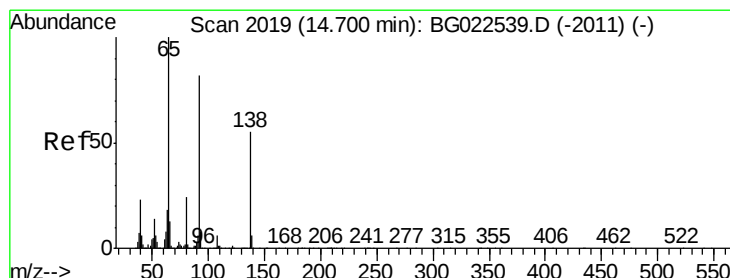
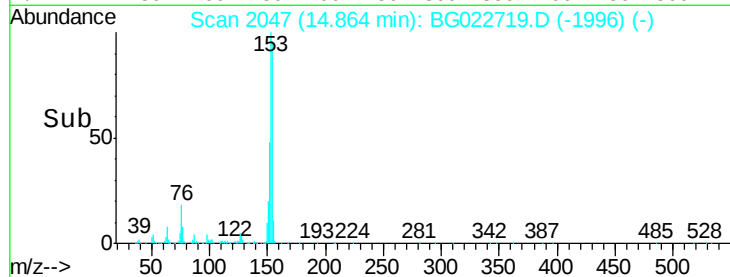
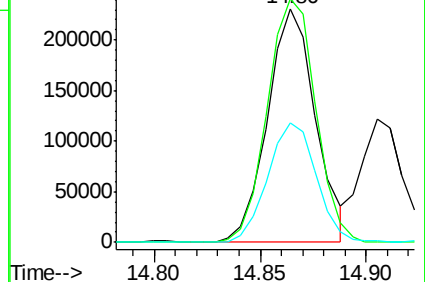
152 50.9 42.7 64.1



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: 12.38 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

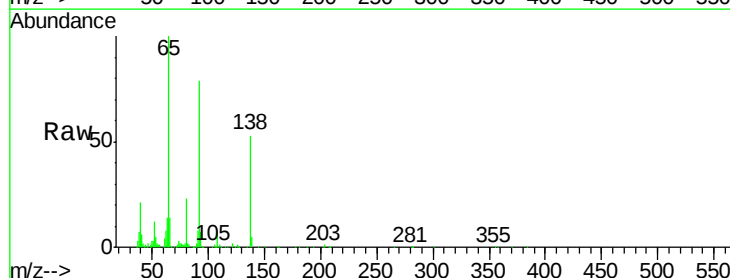
Tgt Ion:138 Resp: 75265

Ion Ratio Lower Upper

138 100

108 14.9 11.7 17.5

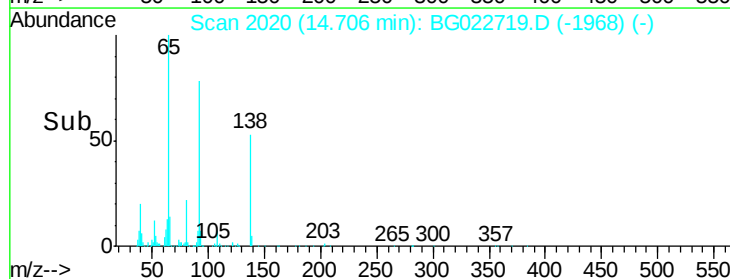
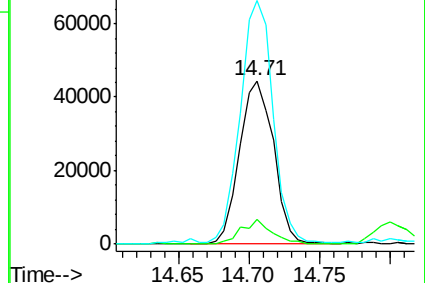
92 149.2 129.7 194.5

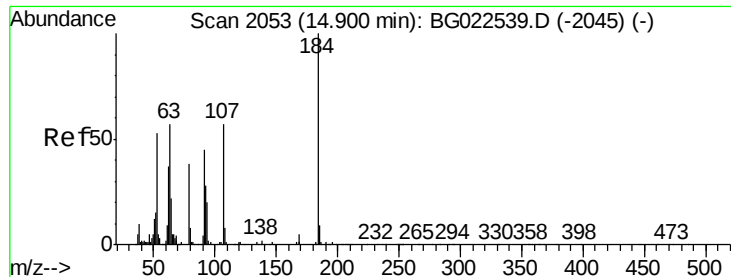


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 57.60 ng

RT: 14.91 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

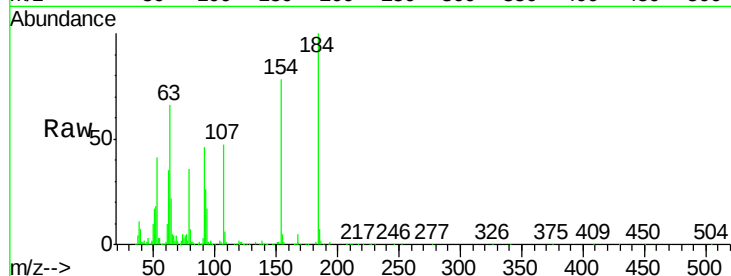
Tgt Ion:184 Resp: 230494

Ion Ratio Lower Upper

184 100

63 65.9 59.6 89.4

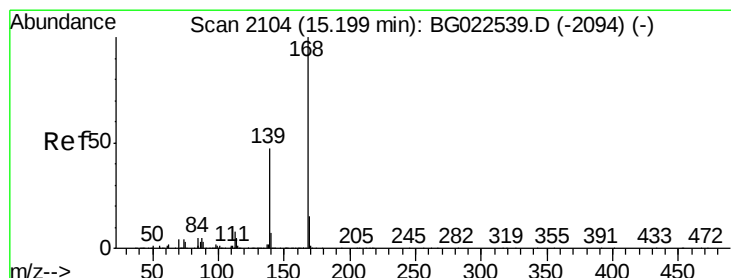
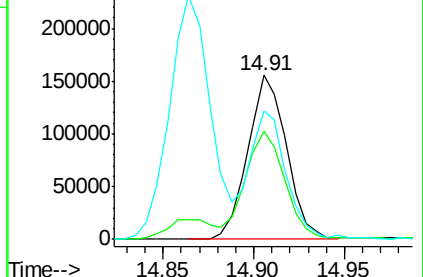
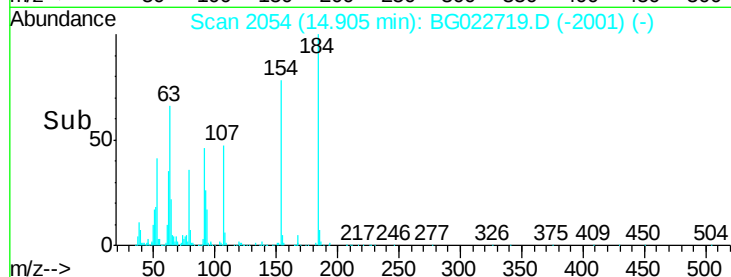
154 78.2 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 18.23 ng

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

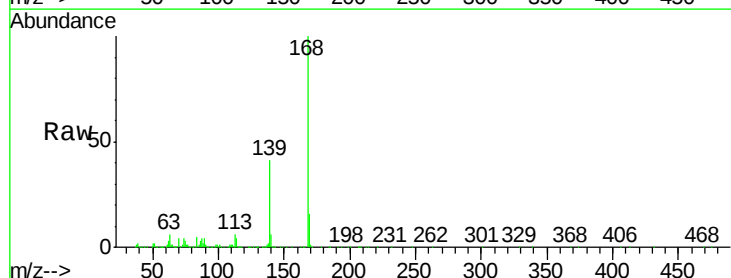
Tgt Ion:168 Resp: 637458

Ion Ratio Lower Upper

168 100

139 40.9 36.4 54.6

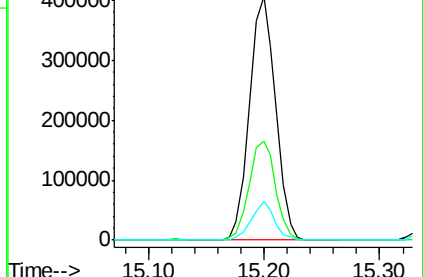
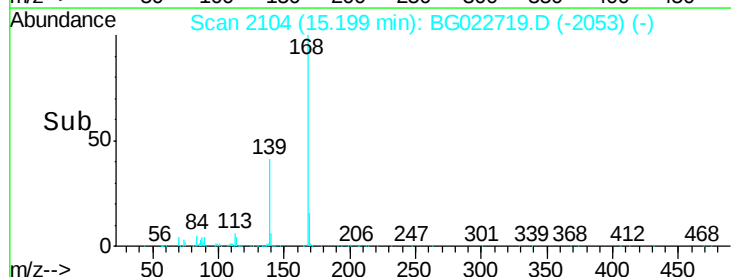
169 15.8 11.9 17.9



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

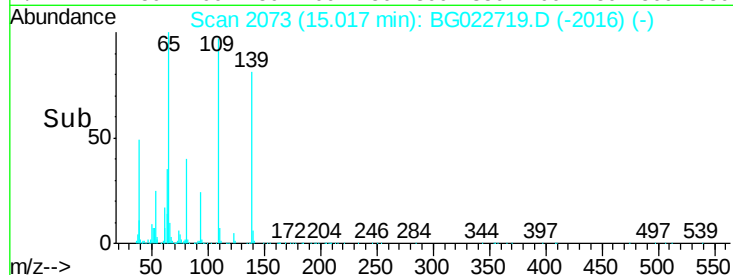
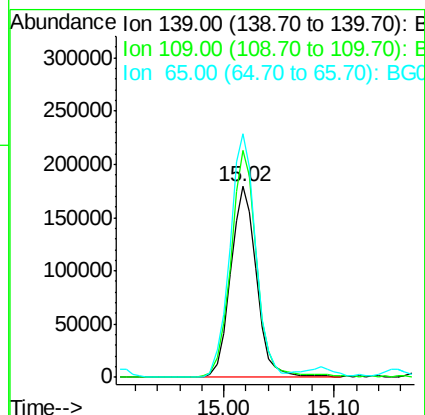
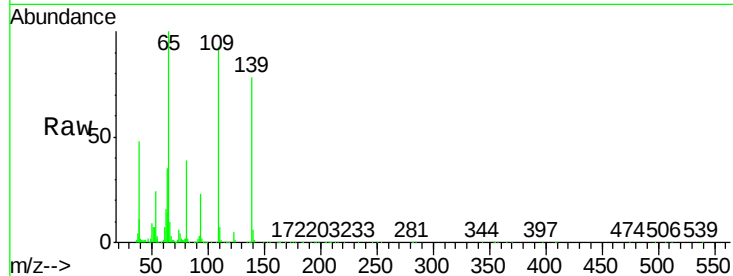




#55
4-Nitrophenol
Concen: 57.24 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.03 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

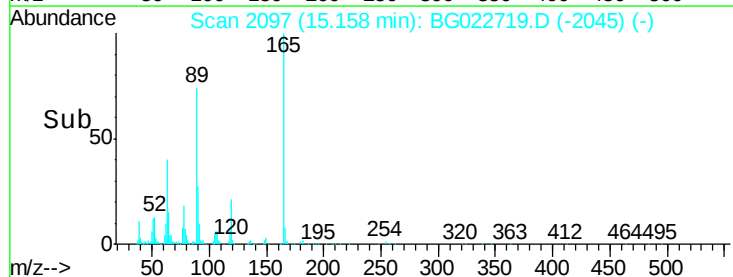
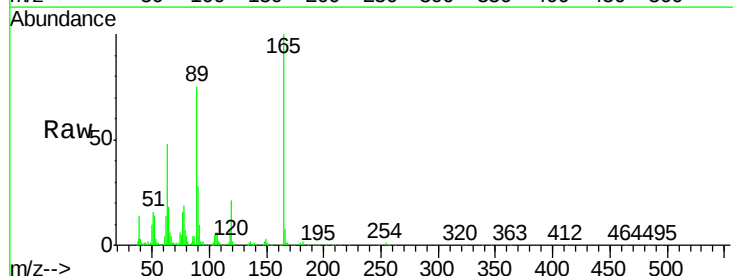
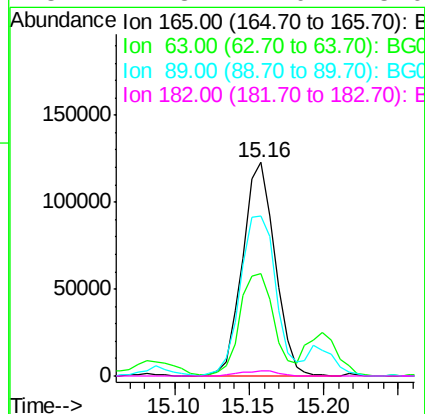
Instrument :
BNA_G
ClientSampleId :
PB91593BS

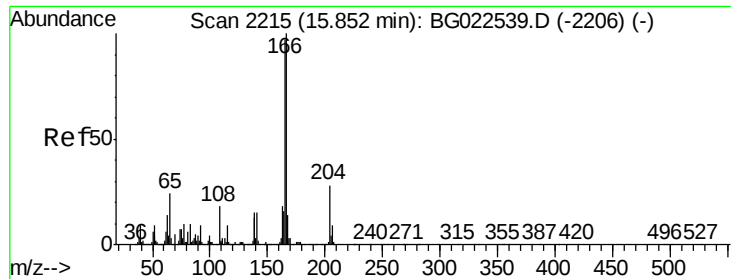
Tgt Ion:139 Resp: 294259
Ion Ratio Lower Upper
139 100
109 118.8 103.0 143.0
65 127.7 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 20.48 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion:165 Resp: 184337
Ion Ratio Lower Upper
165 100
63 47.9 45.8 68.6
89 75.1 68.6 102.8
182 2.3 2.0 3.0





#57

Fluorene

Concen: 18.84 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

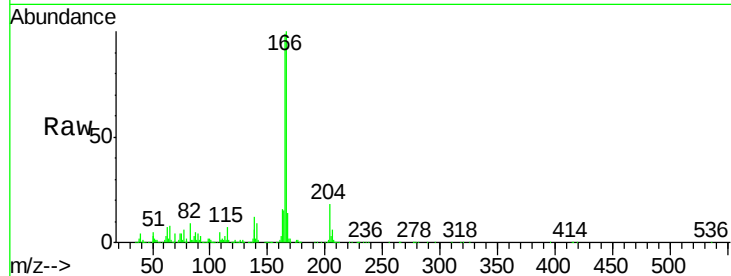
Tgt Ion:166 Resp: 525516

Ion Ratio Lower Upper

166 100

165 99.1 81.0 121.6

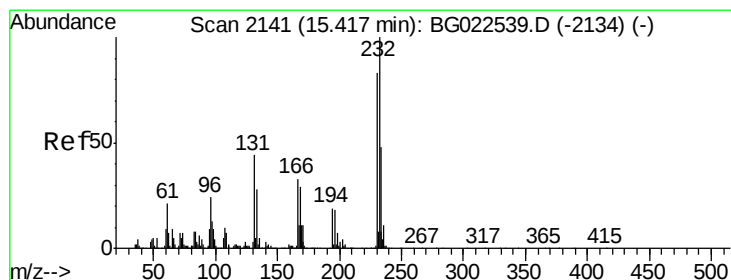
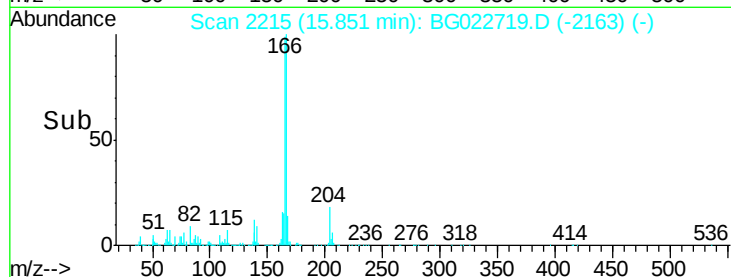
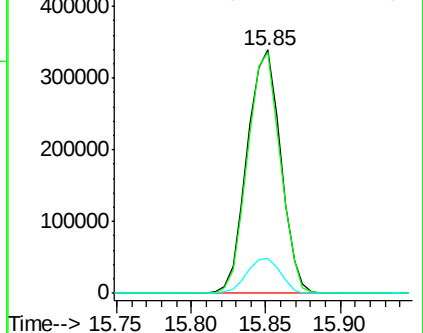
167 14.4 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.40 ng

RT: 15.35 min Scan# 2129

Delta R.T. -0.07 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Tgt Ion:232 Resp: 193087

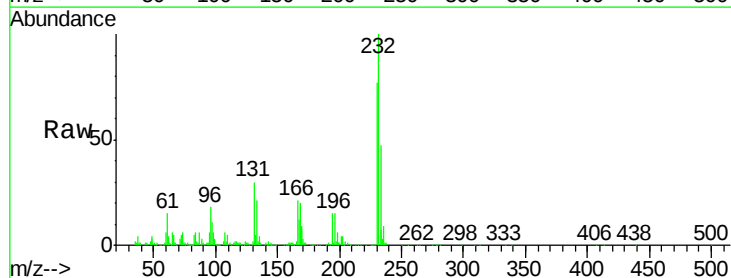
Ion Ratio Lower Upper

232 100

131 34.4 32.7 49.1

130 2.9 2.6 3.8

166 23.4 23.0 34.6

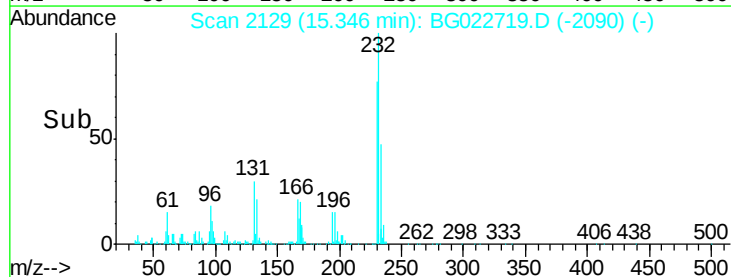
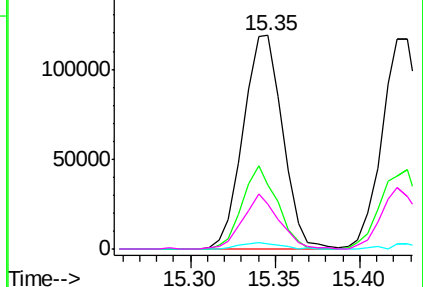


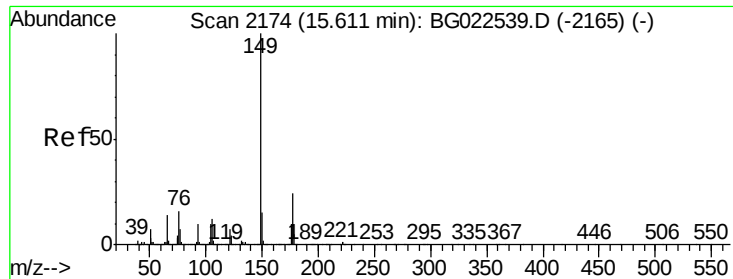
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 19.06 ng

RT: 15.60 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

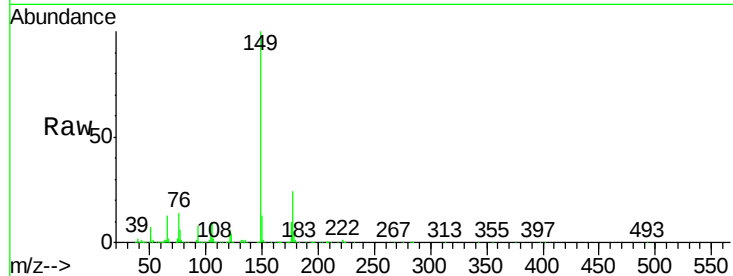
Tgt Ion:149 Resp: 585778

Ion Ratio Lower Upper

149 100

177 23.8 19.2 28.8

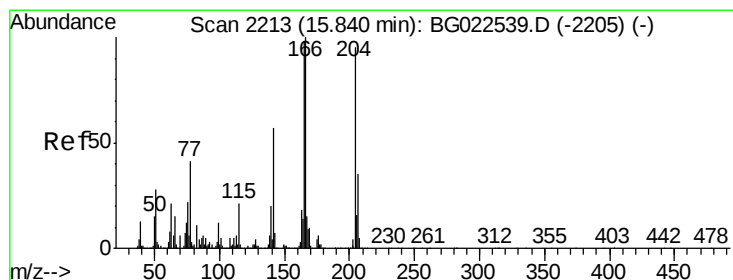
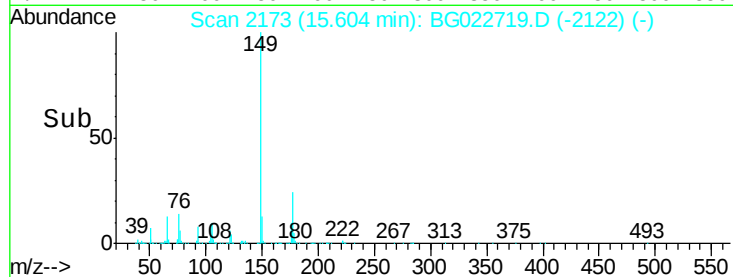
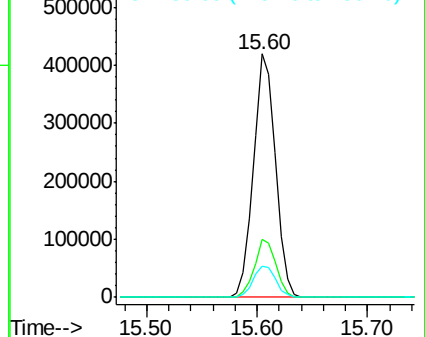
150 12.6 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 18.02 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

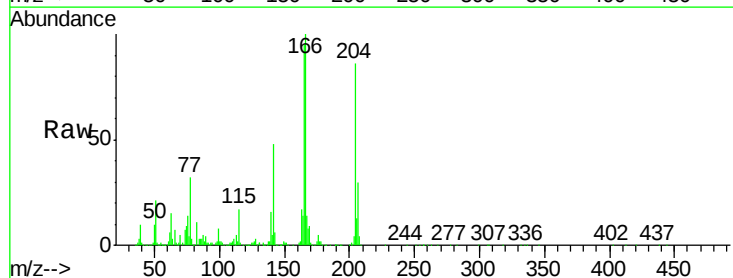
Tgt Ion:204 Resp: 299265

Ion Ratio Lower Upper

204 100

206 34.6 28.5 42.7

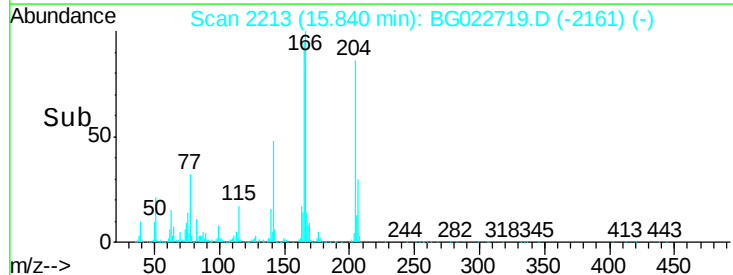
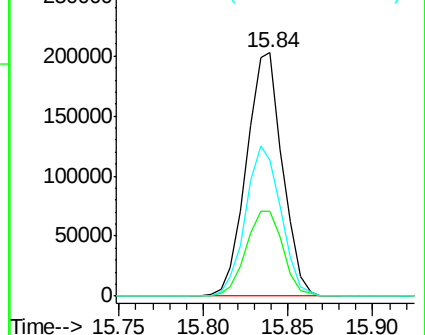
141 56.0 51.4 77.0

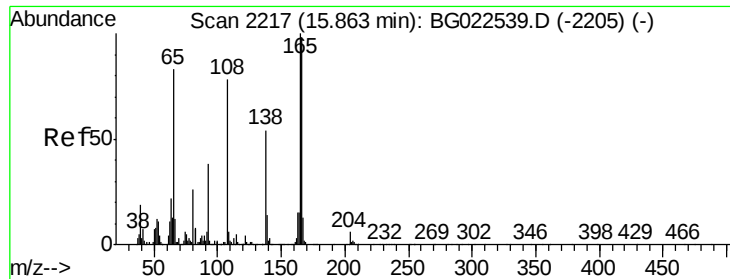


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

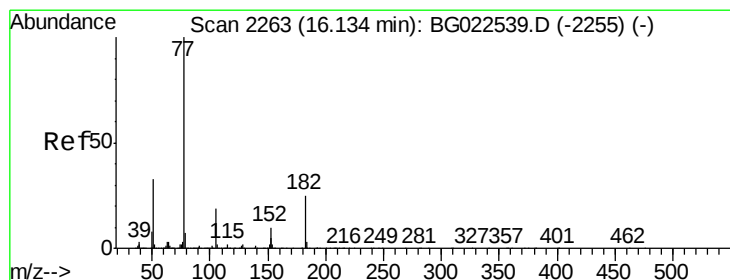
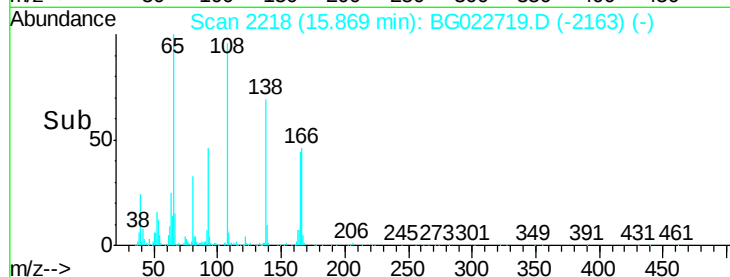
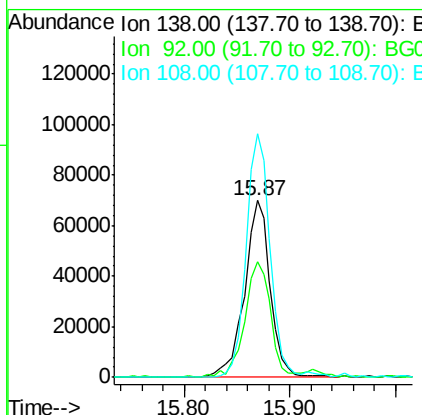
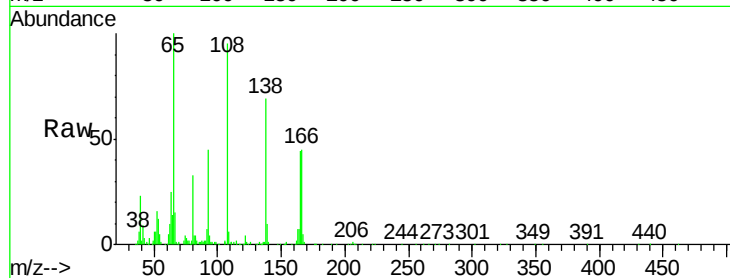




#61
4-Nitroaniline
Concen: 18.92 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

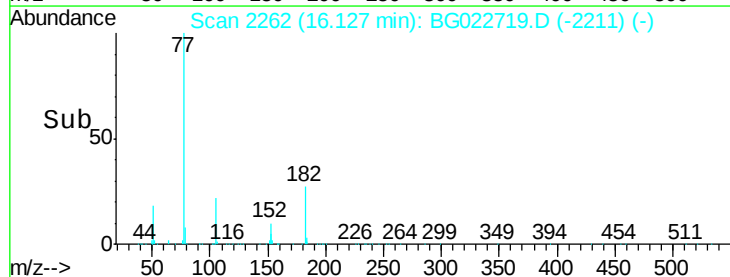
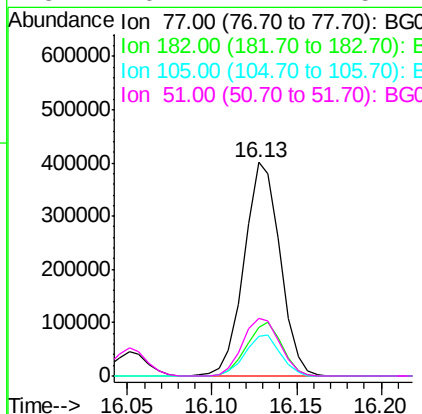
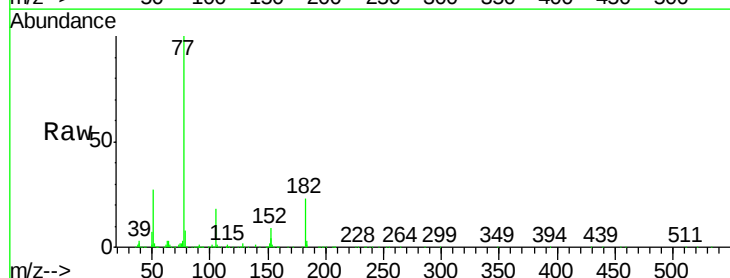
Instrument :
BNA_G
ClientSampleId :
PB91593BS

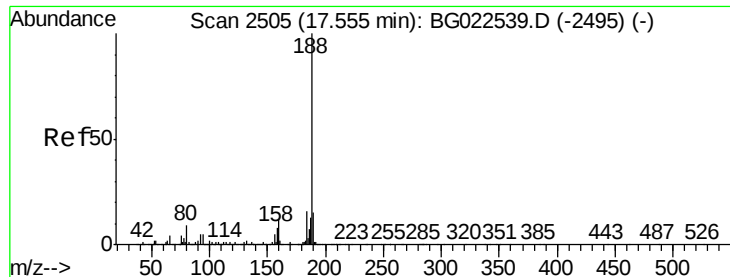
Tgt Ion:138 Resp: 118676
Ion Ratio Lower Upper
138 100
92 65.7 54.1 94.1
108 137.8 133.9 173.9



#62
Azobenzene
Concen: 17.81 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion: 77 Resp: 592942
Ion Ratio Lower Upper
77 100
182 22.5 3.5 43.5
105 18.5 0.0 38.5
51 26.7 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

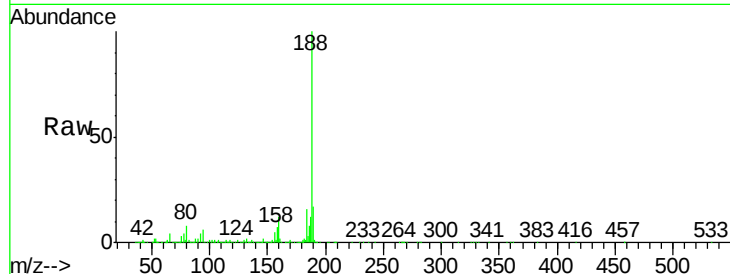
Tgt Ion:188 Resp: 1055412

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

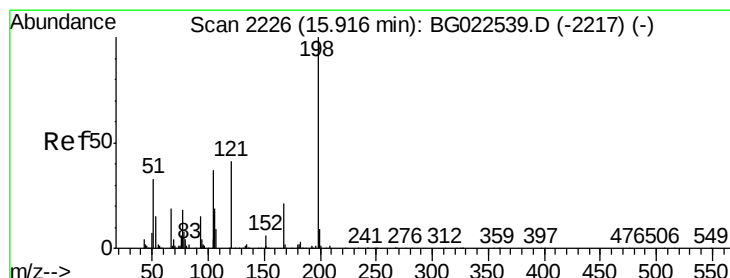
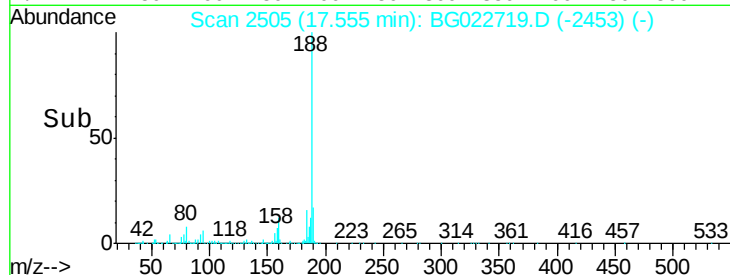
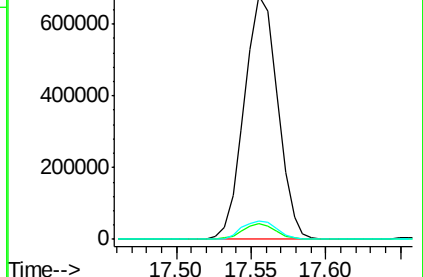
80 7.7 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 16.71 ng

RT: 15.92 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

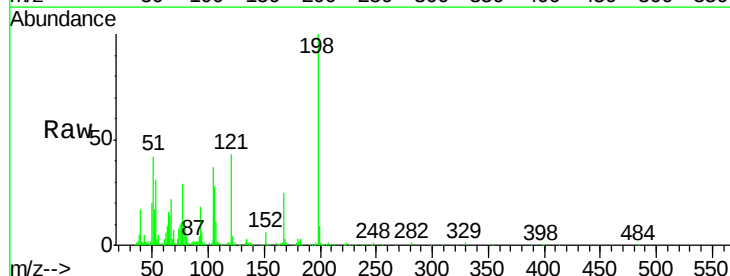
Tgt Ion:198 Resp: 118254

Ion Ratio Lower Upper

198 100

51 42.4 26.0 66.0

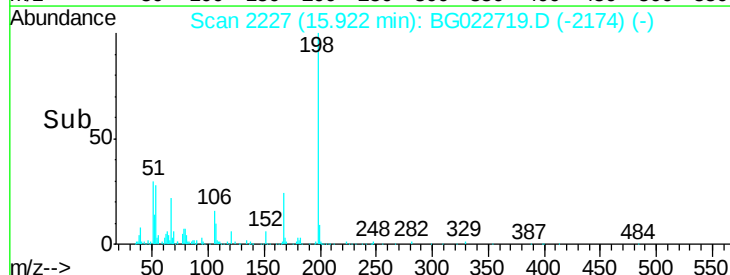
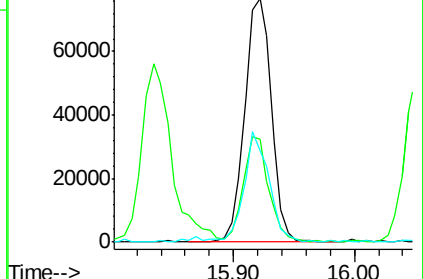
105 37.3 20.1 60.1

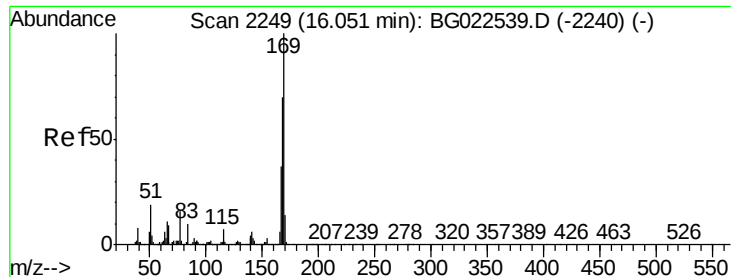


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

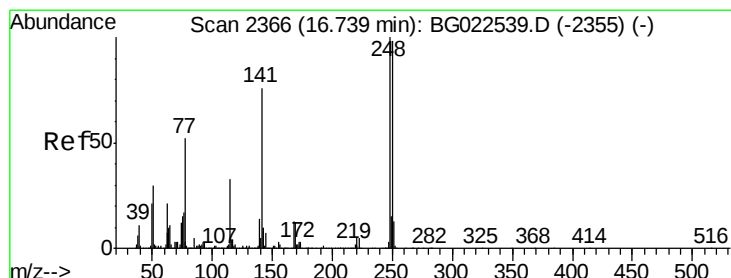
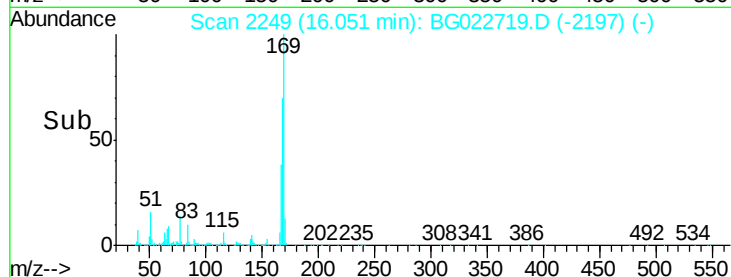
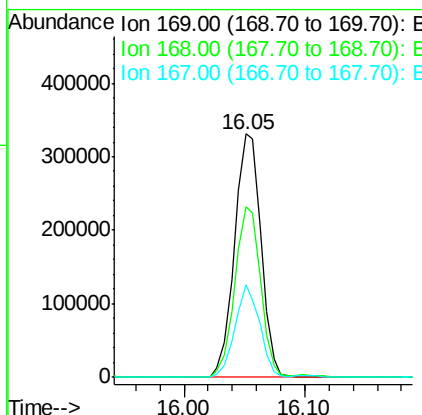
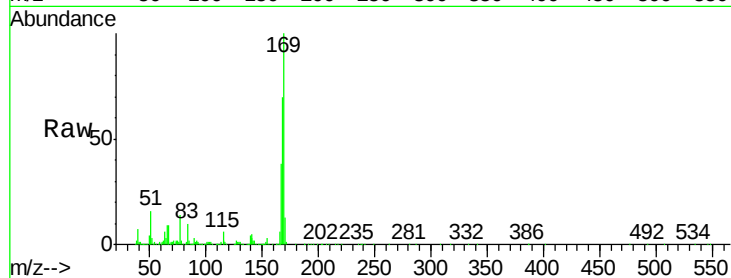




#65
n-Nitrosodiphenylamine
Concen: 16.52 ng
RT: 16.05 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

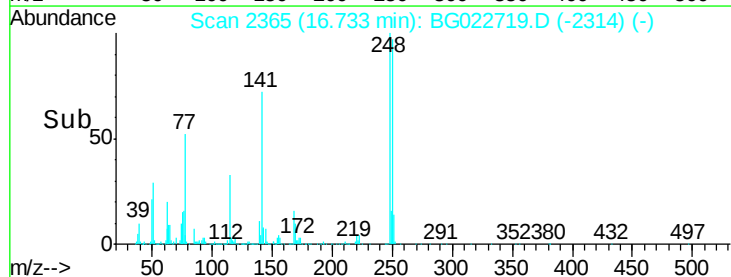
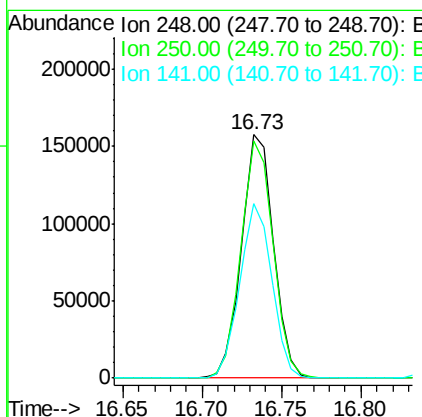
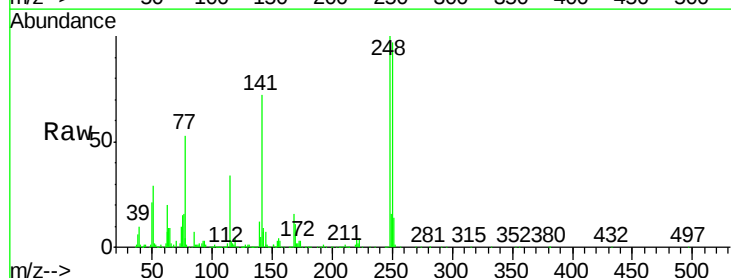
Instrument :
BNA_G
ClientSampleId :
PB91593BS

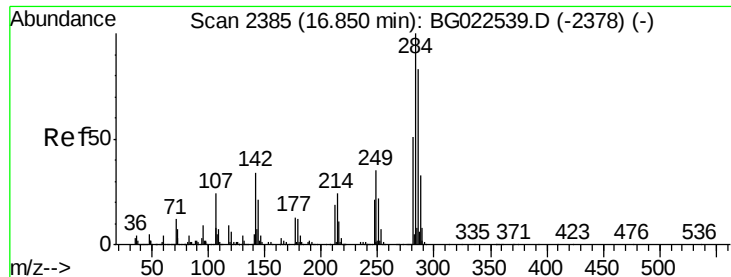
Tgt Ion:169 Resp: 507398
Ion Ratio Lower Upper
169 100
168 70.0 55.0 82.4
167 38.0 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 16.12 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion:248 Resp: 220773
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 71.8 65.7 98.5

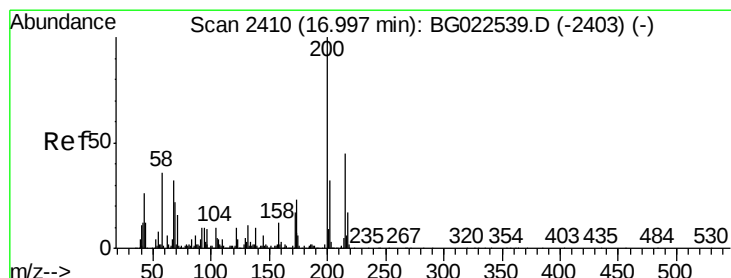
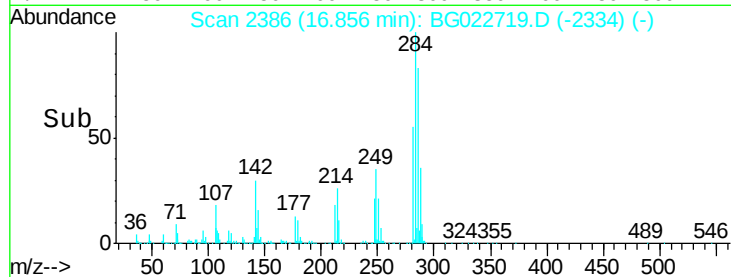
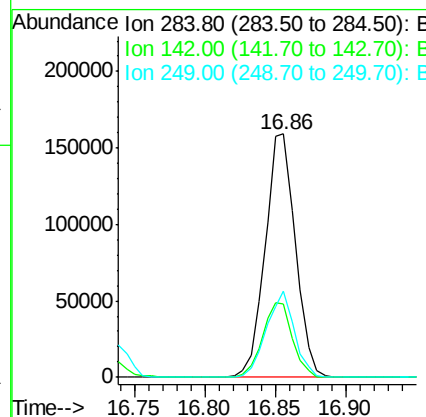
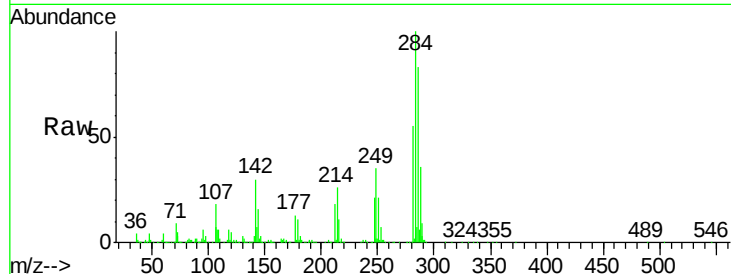




#67
Hexachlorobenzene
Concen: 16.55 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

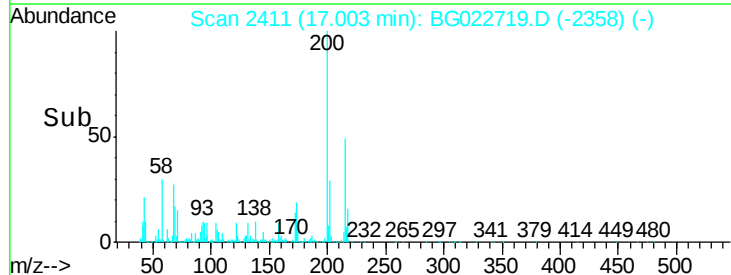
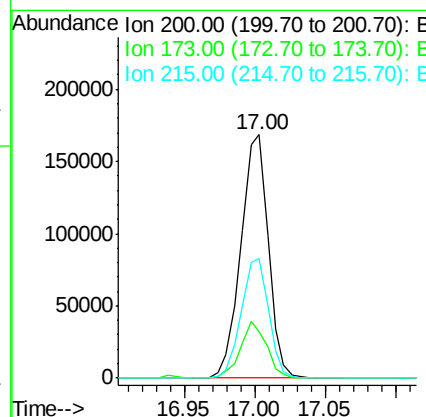
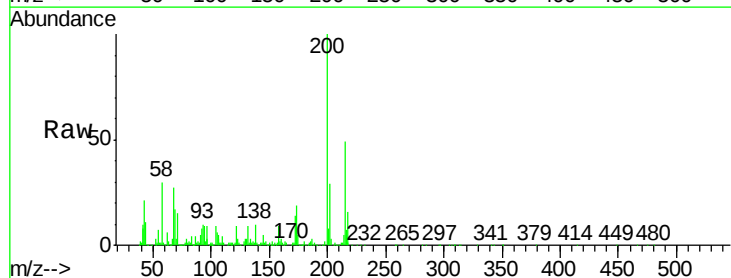
Instrument :
BNA_G
ClientSampleId :
PB91593BS

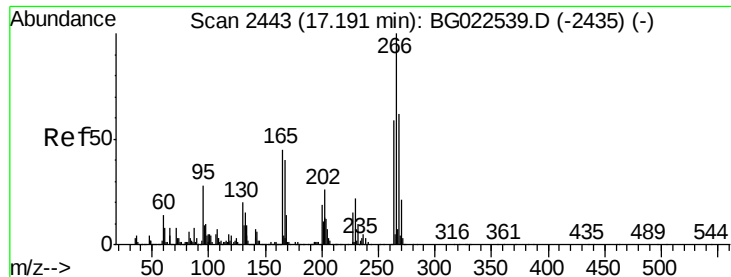
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	26.8	40.2
249	35.4	28.9	43.3



#68
Atrazine
Concen: 17.62 ng
RT: 17.00 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	19.1	1.6	41.6
215	49.3	28.7	68.7





#69

Pentachlorophenol

Concen: 46.95 ng

RT: 17.20 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

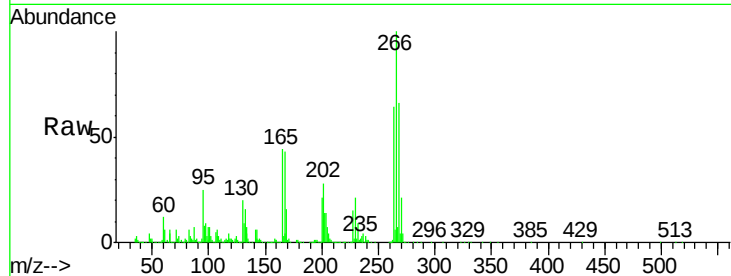
Tgt Ion:266 Resp: 467769

Ion Ratio Lower Upper

266 100

268 66.1 51.9 77.9

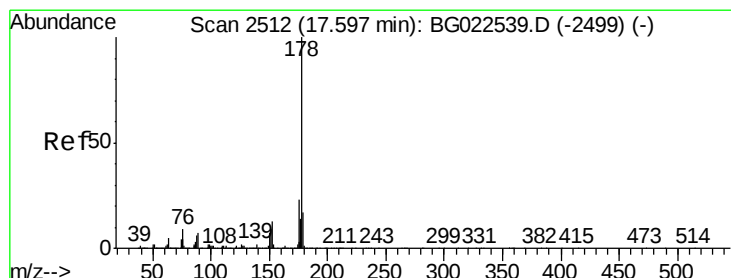
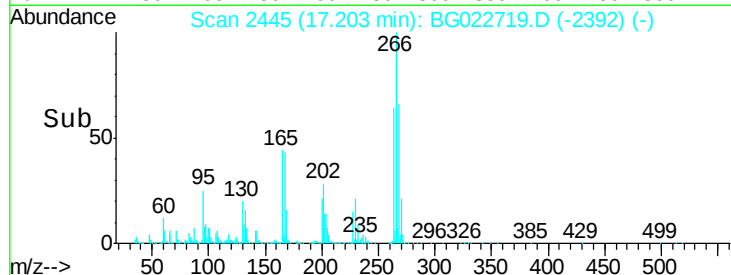
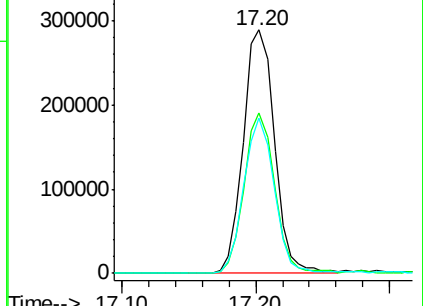
264 63.6 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 17.93 ng

RT: 17.60 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

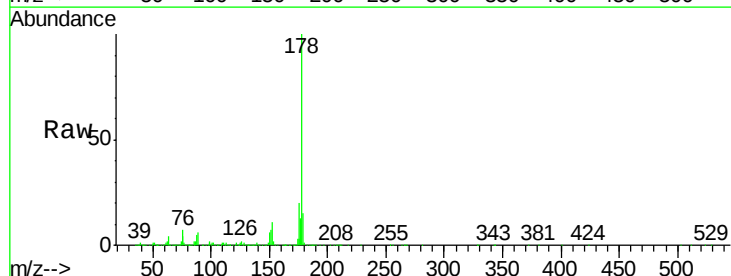
Tgt Ion:178 Resp: 964800

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

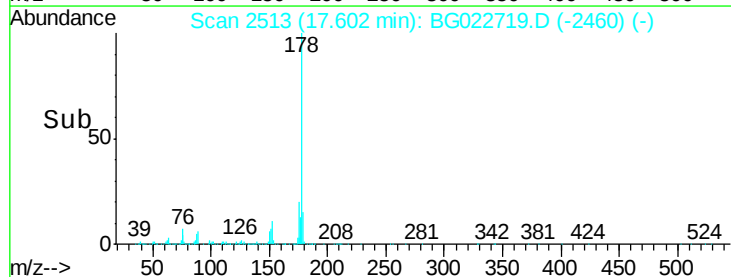
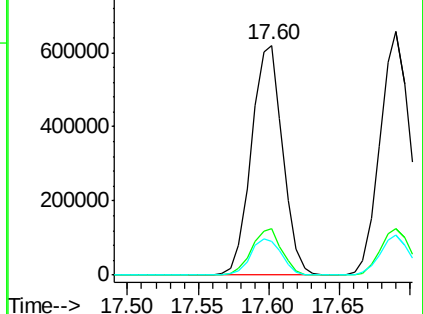
179 14.9 14.3 21.5

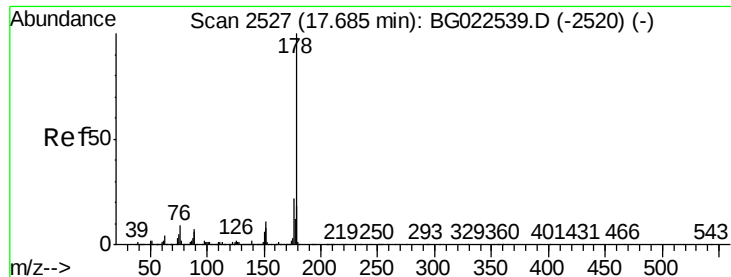


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

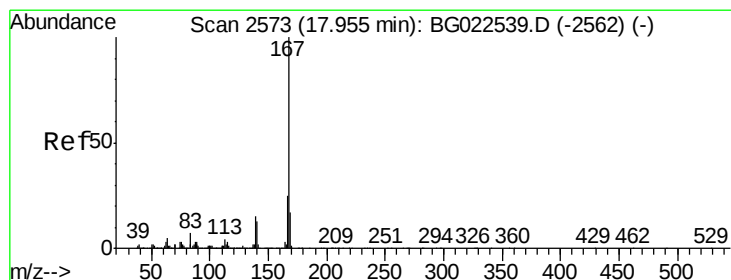
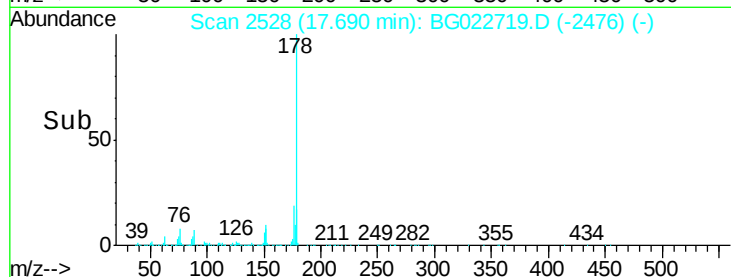
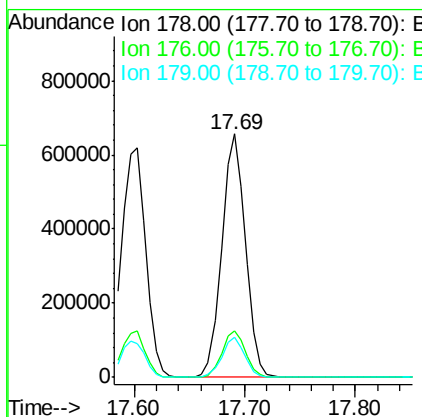
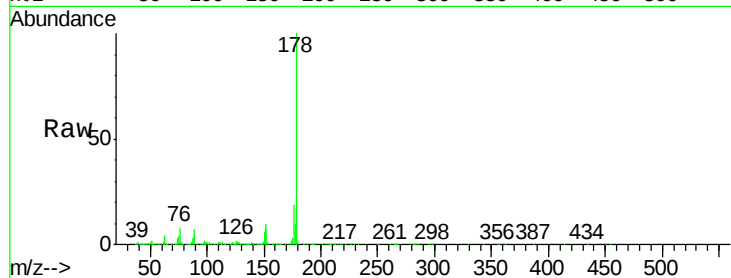




#71
 Anthracene
 Concen: 17.69 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

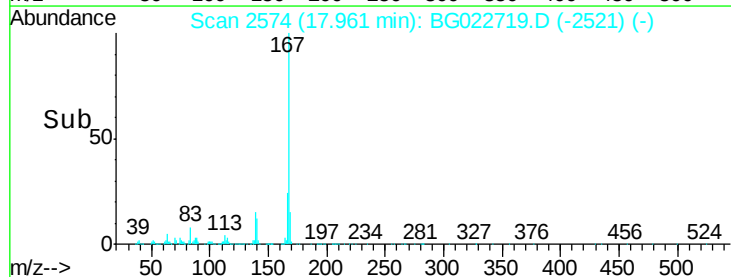
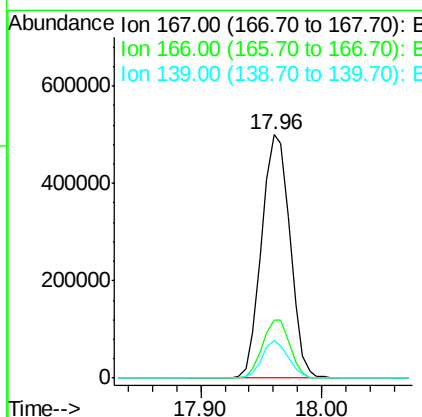
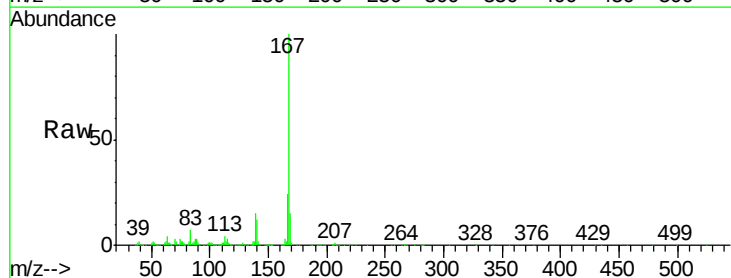
Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

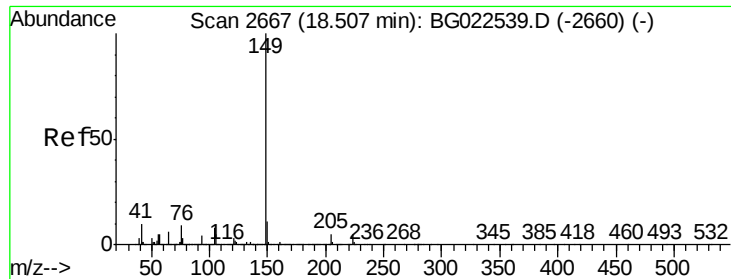
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.3	25.9
179	16.7	14.0	21.0



#72
 Carbazole
 Concen: 17.35 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	20.7	31.1
139	15.4	11.9	17.9

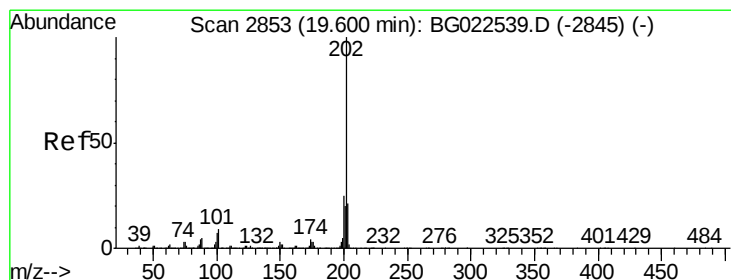
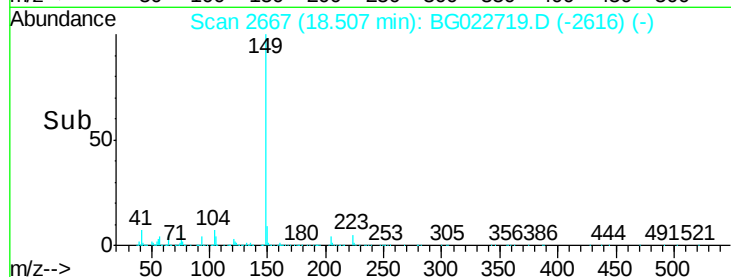
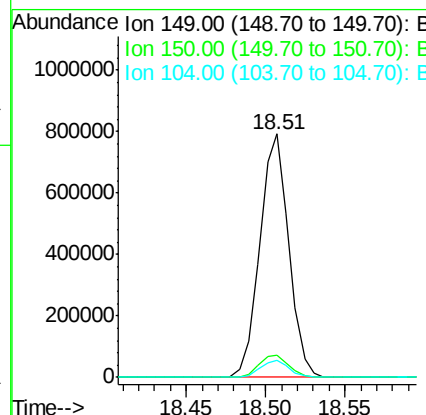
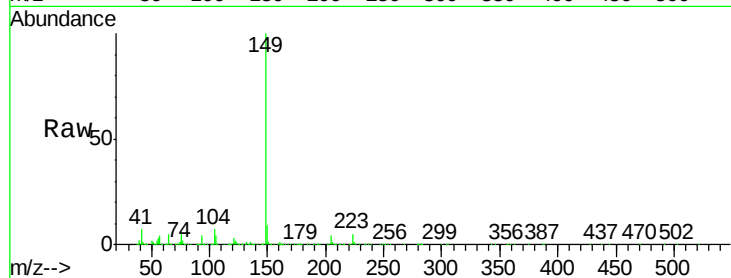




#73
Di-n-butylphthalate
Concen: 18.35 ng
RT: 18.51 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

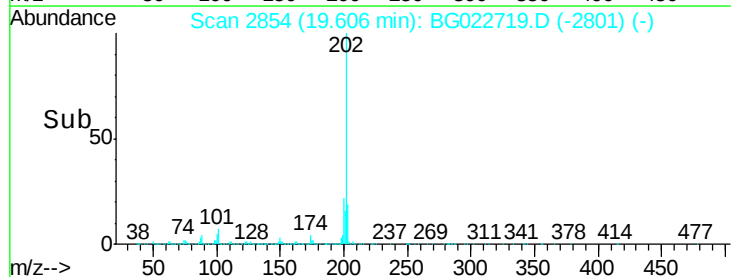
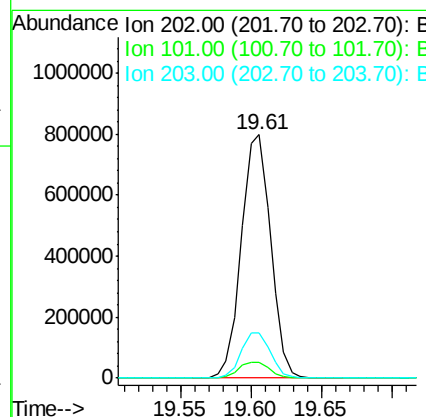
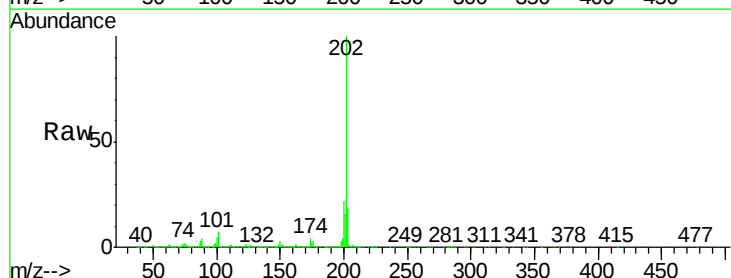
Instrument :
BNA_G
ClientSampleId :
PB91593BS

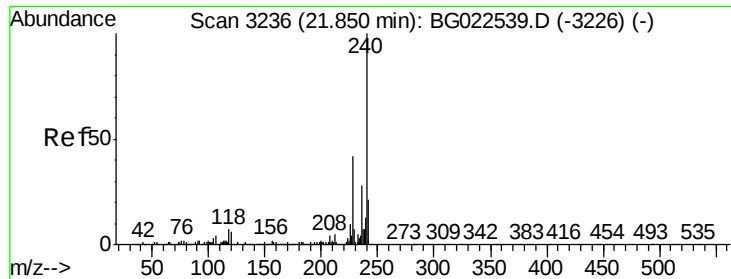
Tgt Ion:149 Resp: 1003410
Ion Ratio Lower Upper
149 100
150 9.2 9.1 13.7
104 7.2 6.9 10.3



#74
Fluoranthene
Concen: 18.76 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion:202 Resp: 1163245
Ion Ratio Lower Upper
202 100
101 6.6 0.0 27.4
203 18.7 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

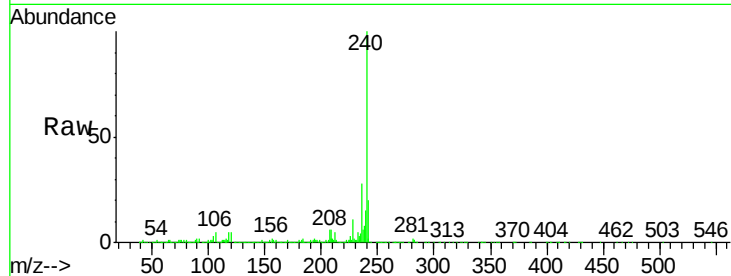
Tgt Ion:240 Resp: 1152228

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

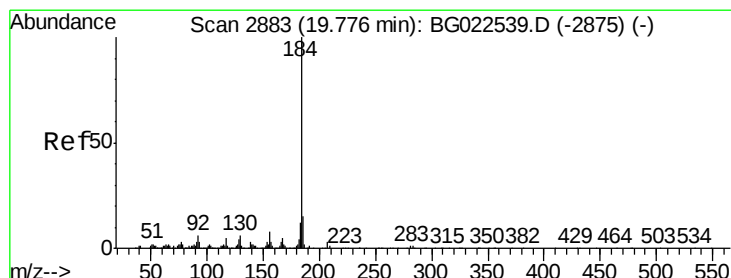
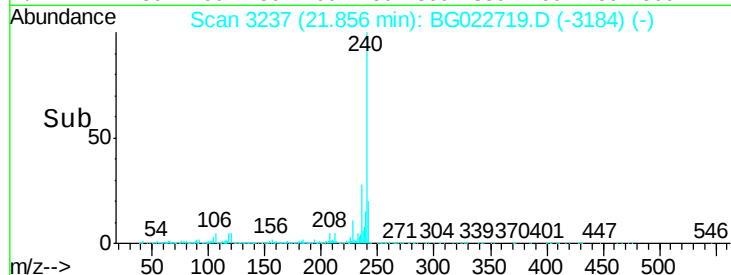
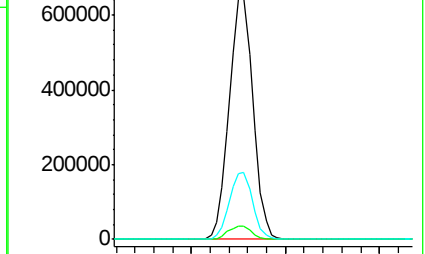
236 27.7 21.1 31.7



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: 51.65 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

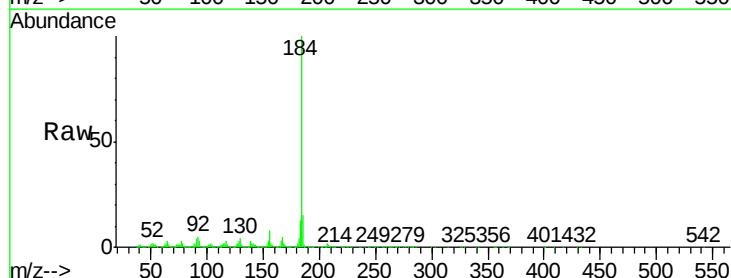
Tgt Ion:184 Resp: 633625

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

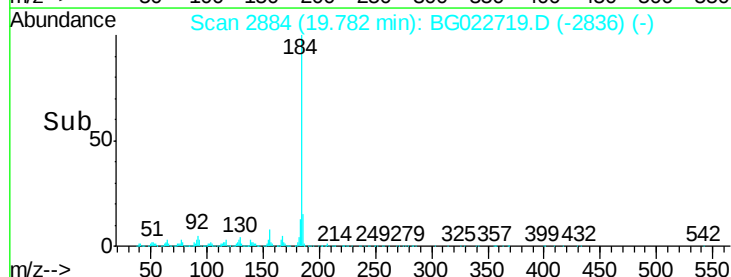
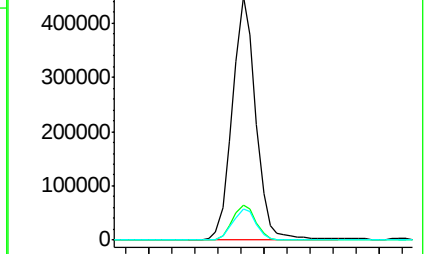
183 13.0 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 18.91 ng

RT: 19.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

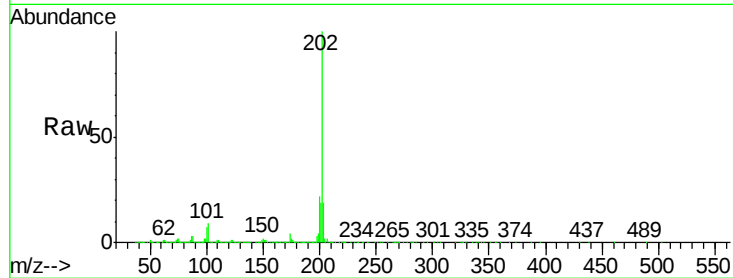
Tgt Ion:202 Resp: 1160398

Ion Ratio Lower Upper

202 100

200 22.1 21.2 31.8

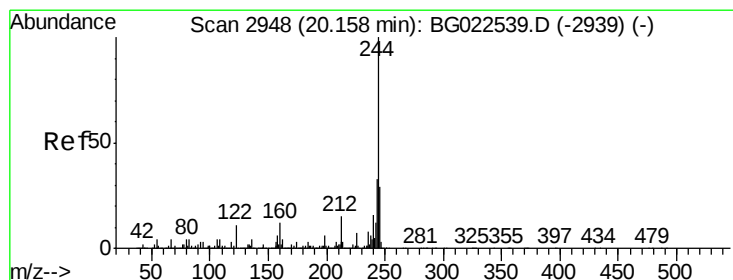
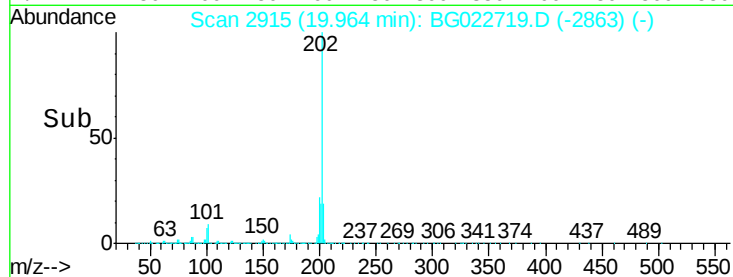
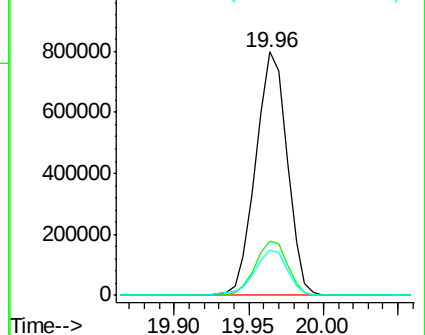
203 18.5 16.8 25.2



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: 62.58 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

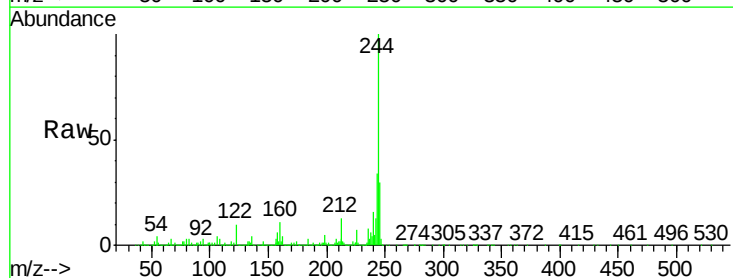
Tgt Ion:244 Resp: 2721490

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

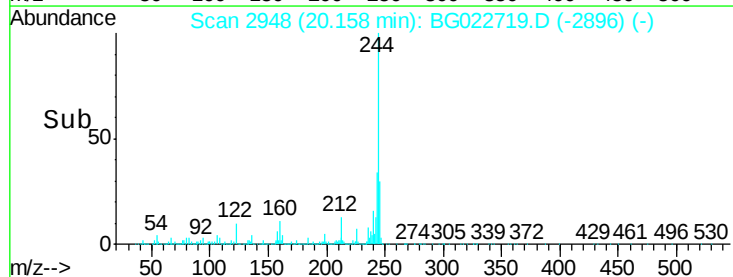
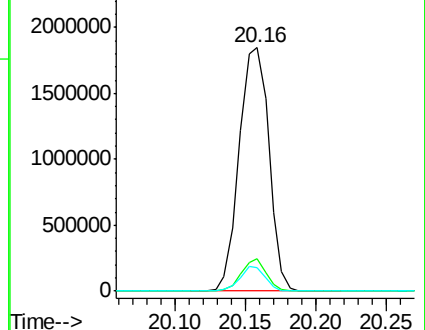
122 9.5 8.0 12.0

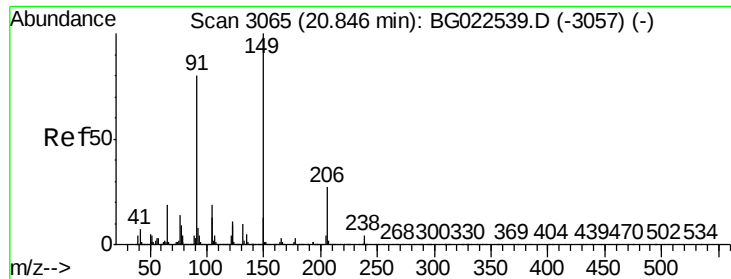


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

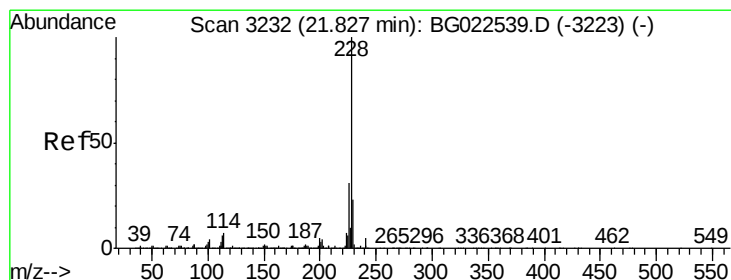
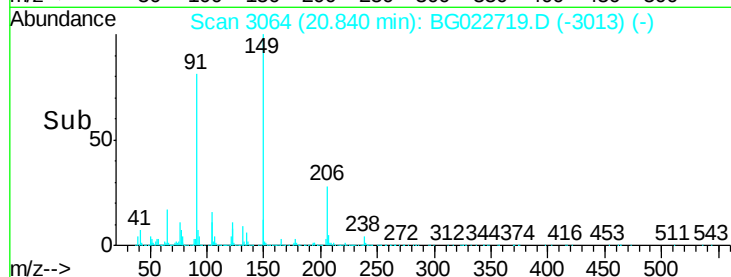
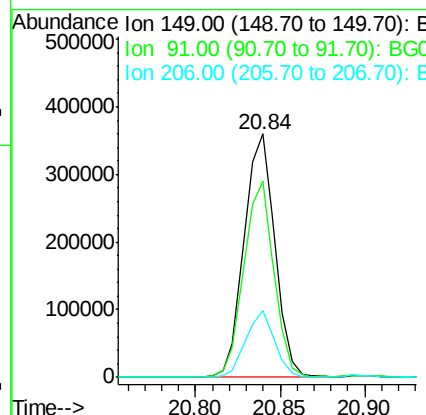
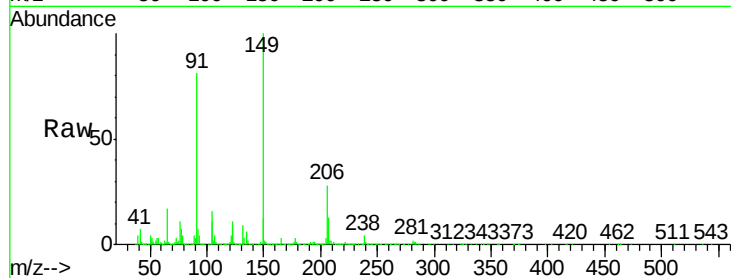




#79
Butylbenzylphthalate
Concen: 17.14 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

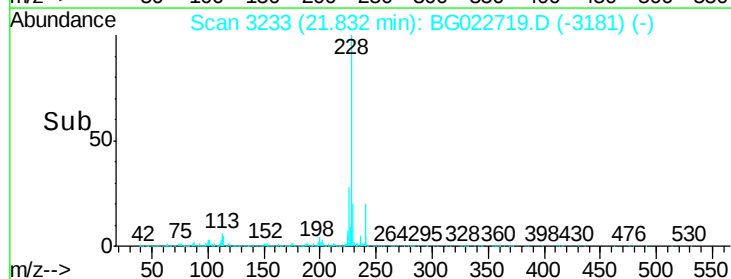
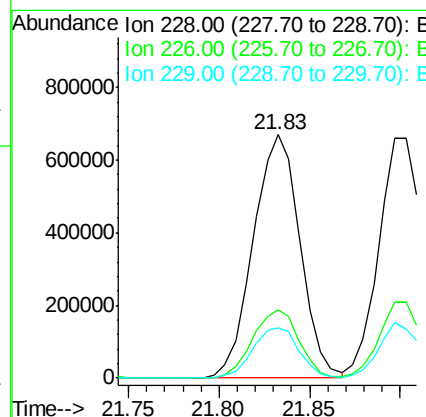
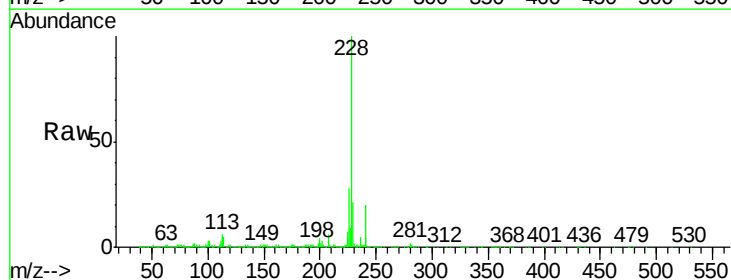
Instrument :
BNA_G
ClientSampleId :
PB91593BS

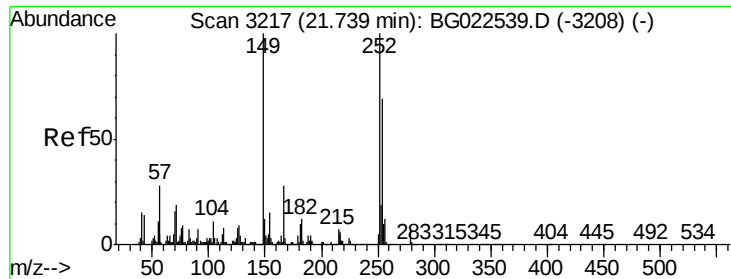
Tgt Ion:149 Resp: 455298
Ion Ratio Lower Upper
149 100
91 80.6 68.1 102.1
206 27.7 19.8 29.6



#80
Benzo(a)anthracene
Concen: 18.90 ng
RT: 21.83 min Scan# 3233
Delta R.T. 0.00 min
Lab File: BG022719.D
Acq: 30 Jun 2016 9:18

Tgt Ion:228 Resp: 1205103
Ion Ratio Lower Upper
228 100
226 27.8 25.3 37.9
229 20.5 19.9 29.9

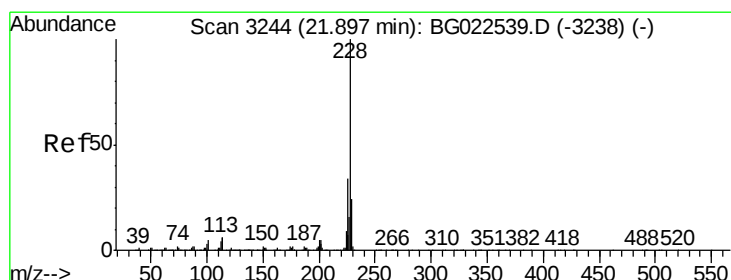
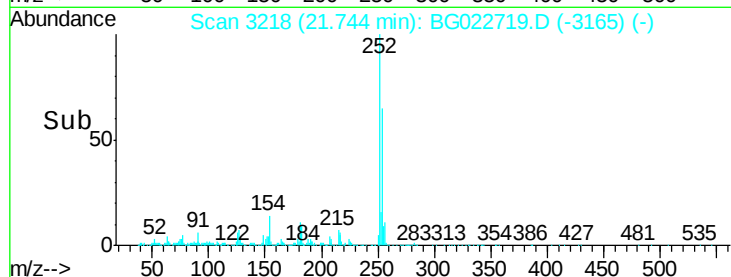
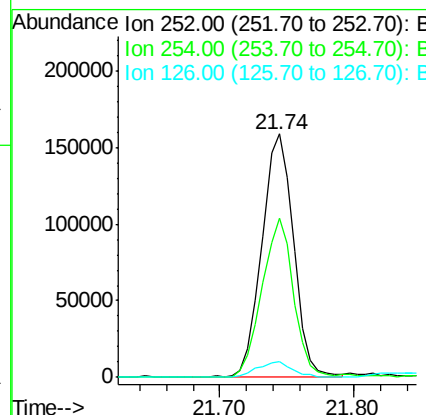
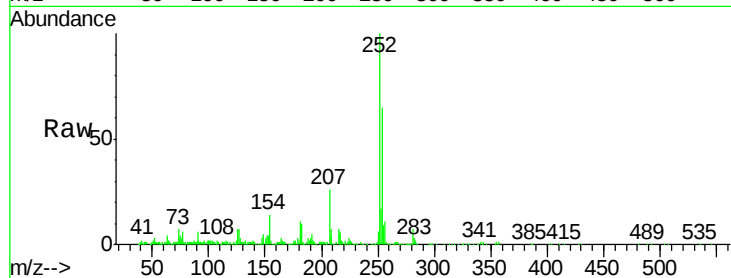




#81
 3,3'-Dichlorobenzidine
 Concen: 9.93 ng
 RT: 21.74 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

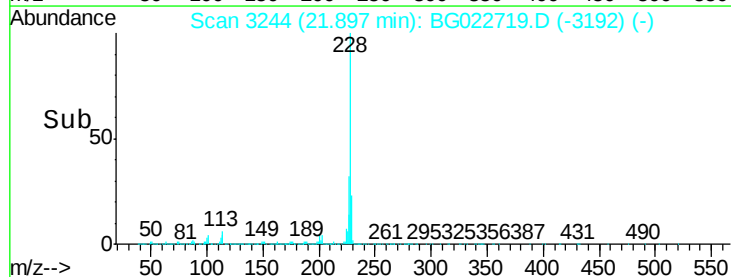
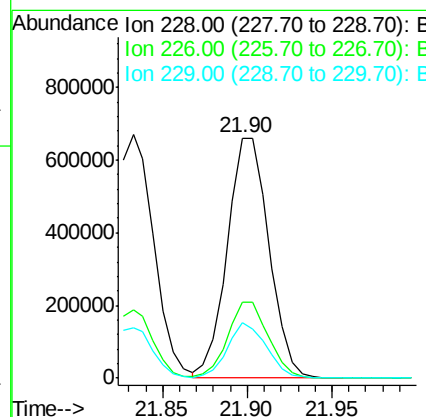
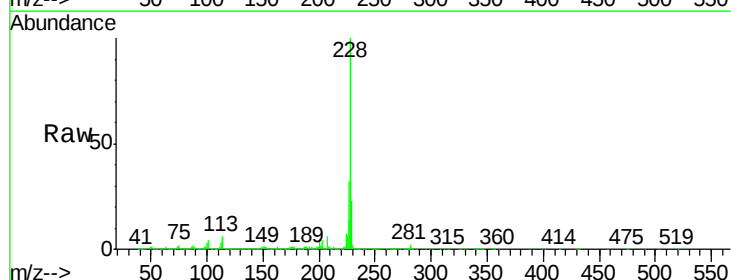
Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

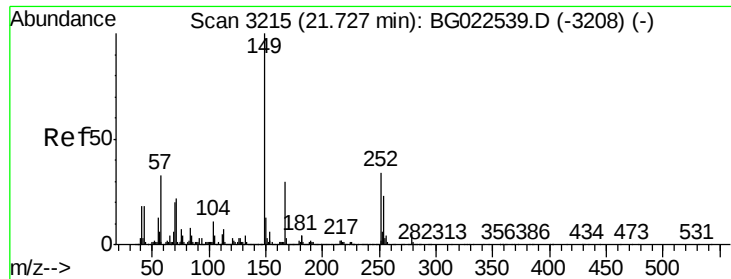
Tgt Ion: 252 Resp: 261407
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.2 76.8
 126 6.6 5.3 7.9



#82
 Chrysene
 Concen: 18.86 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Tgt Ion: 228 Resp: 1129661
 Ion Ratio Lower Upper
 228 100
 226 31.5 26.7 40.1
 229 22.9 17.4 26.2

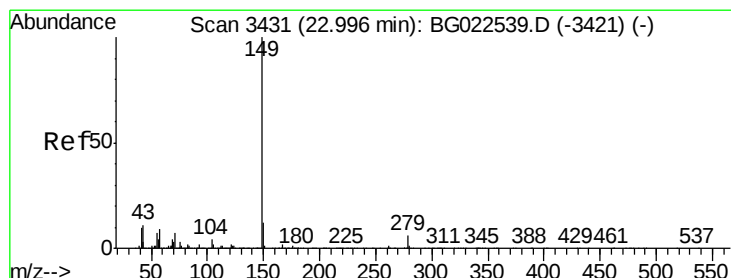
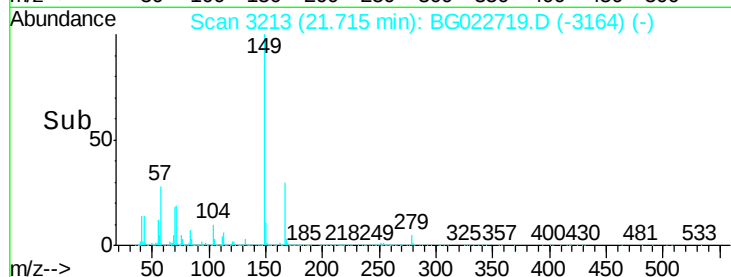
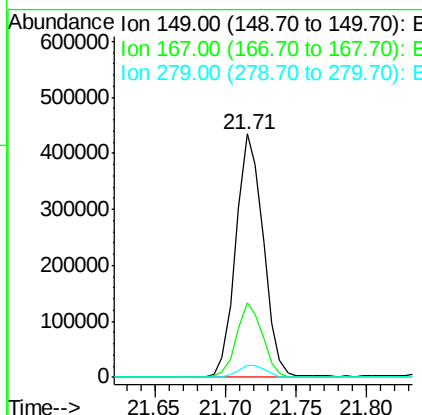
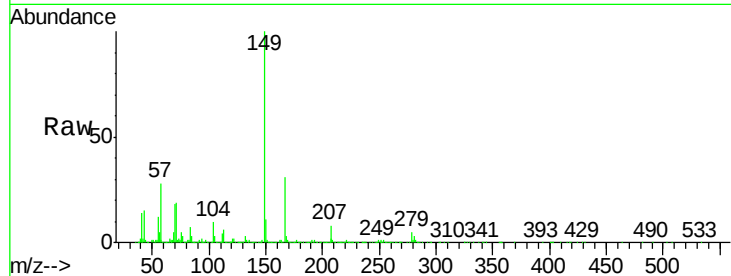




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 15.75 ng
 RT: 21.71 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

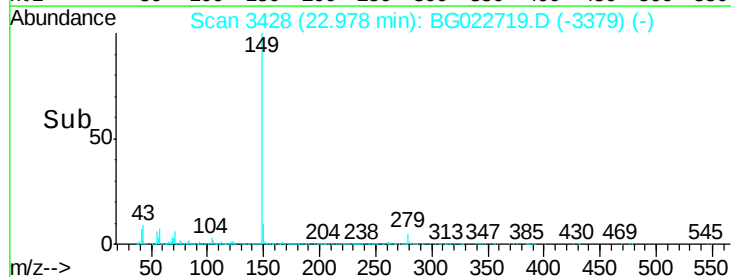
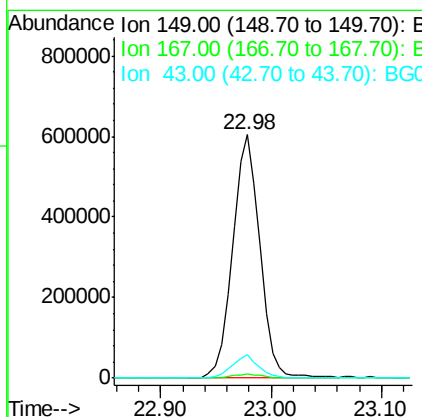
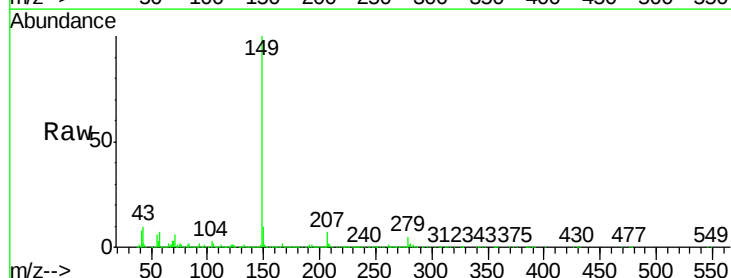
Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

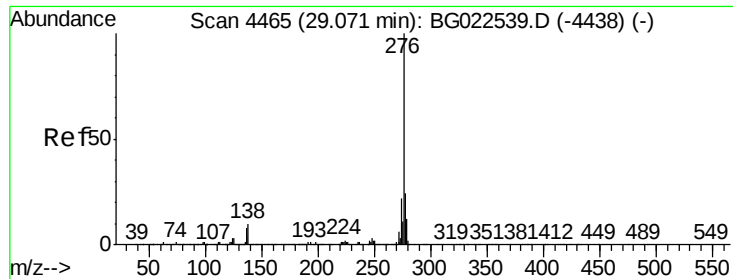
Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.0	36.0
279	5.1	4.8	7.2



#84
 Di-n-octyl phthalate
 Concen: 16.91 ng
 RT: 22.98 min Scan# 3428
 Delta R.T. -0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	8.9	8.8	13.2

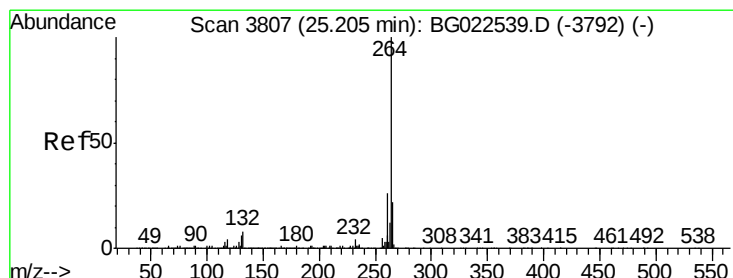
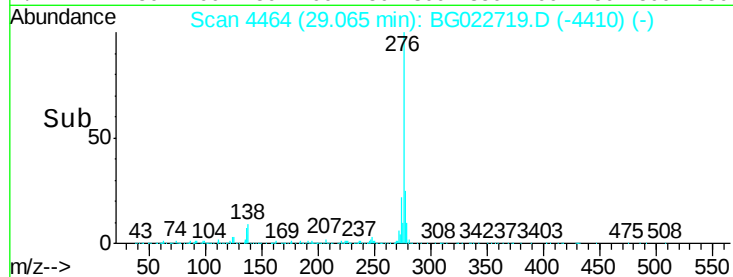
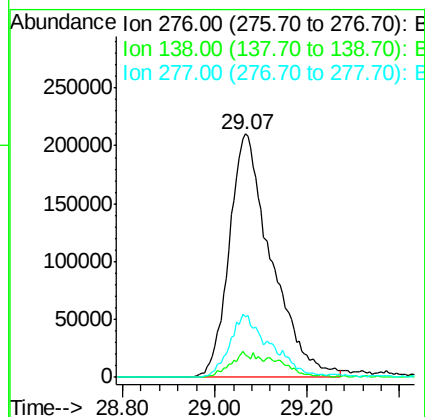
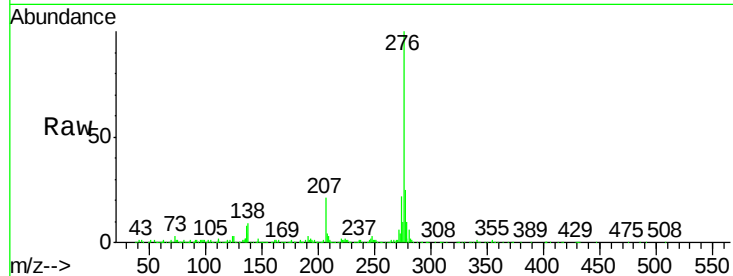




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.93 ng
 RT: 29.07 min Scan# 4464
 Delta R.T. 0.02 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

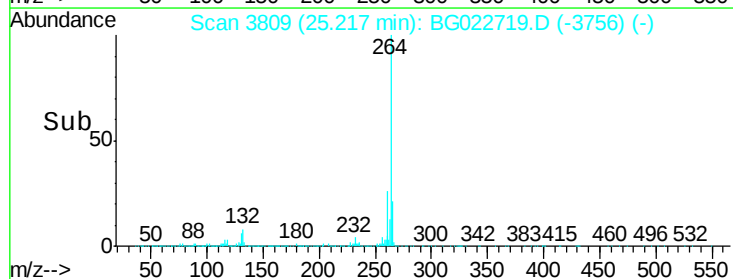
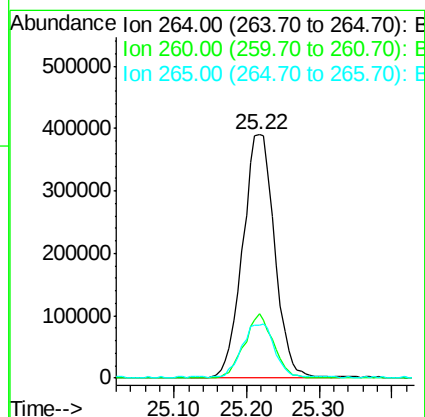
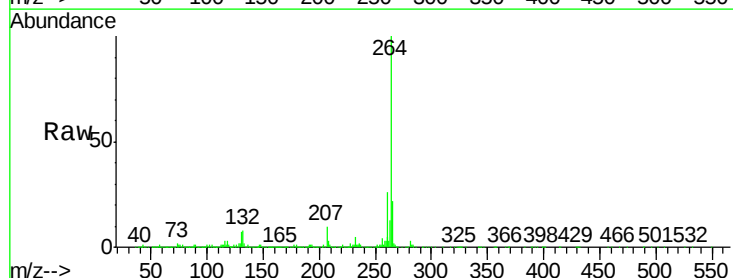
Instrument :
 BNA_G
 ClientSampled :
 PB91593BS

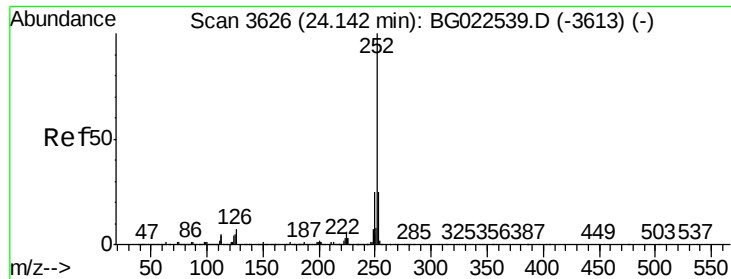
Tgt Ion:276 Resp: 1332900
 Ion Ratio Lower Upper
 276 100
 138 4.8 0.0 0.0#
 277 21.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.22 min Scan# 3809
 Delta R.T. 0.01 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Tgt Ion:264 Resp: 1196083
 Ion Ratio Lower Upper
 264 100
 260 26.4 18.4 27.6
 265 21.8 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 17.39 ng

RT: 24.14 min Scan# 3626

Delta R.T. 0.01 min

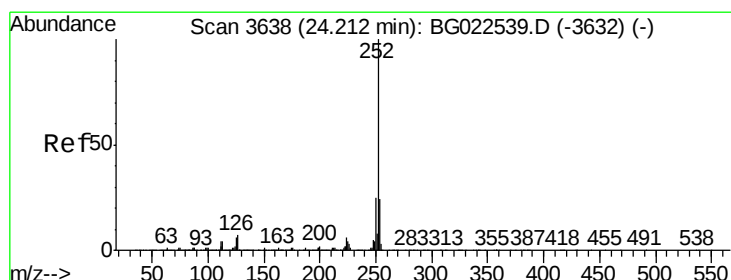
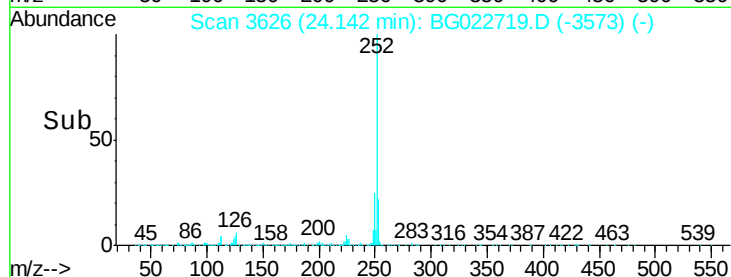
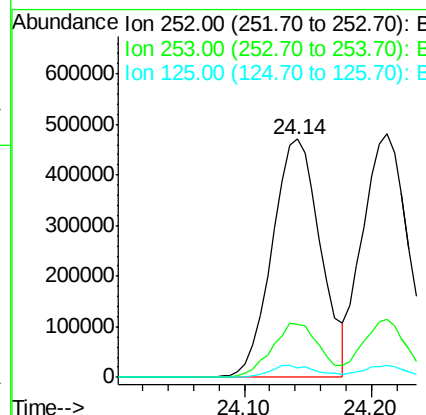
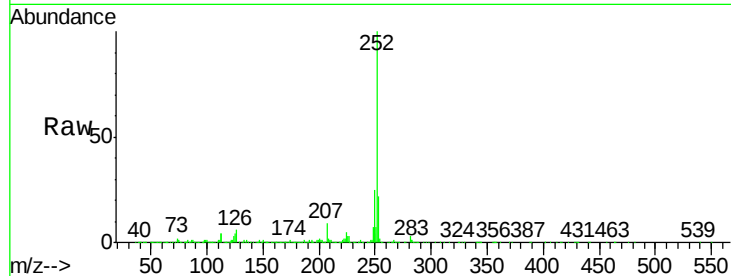
Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :
BNA_G
ClientSampleId :
PB91593BS

Tgt Ion:252 Resp: 1250783

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	4.2	3.9	5.9



#88

Benzo(k)fluoranthene

Concen: 18.40 ng

RT: 24.14 min Scan# 3626

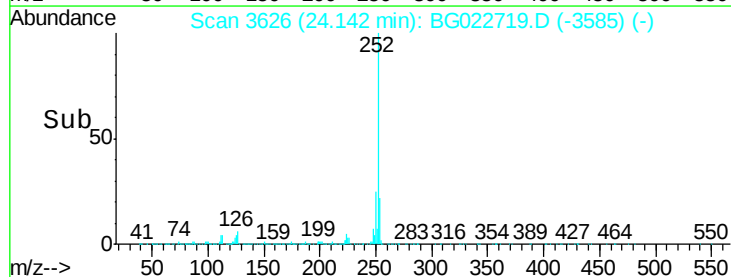
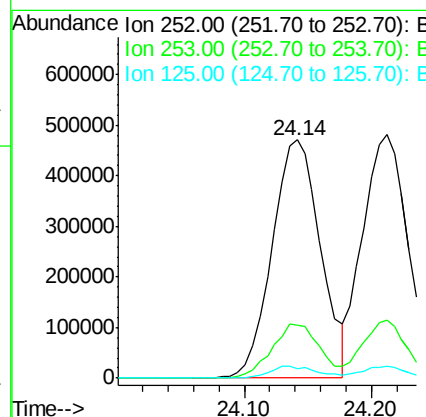
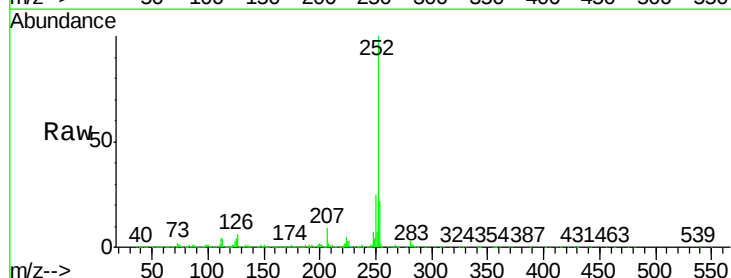
Delta R.T. -0.06 min

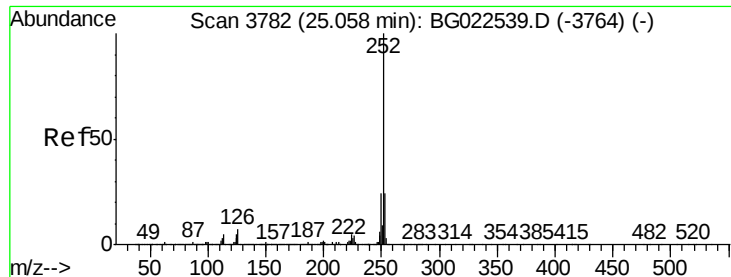
Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Tgt Ion:252 Resp: 1250783

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.8	28.2
125	4.2	3.2	4.8





#89

Benzo(a)pyrene

Concen: 16.89 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.02 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

Instrument :

BNA_G

ClientSampleId :

PB91593BS

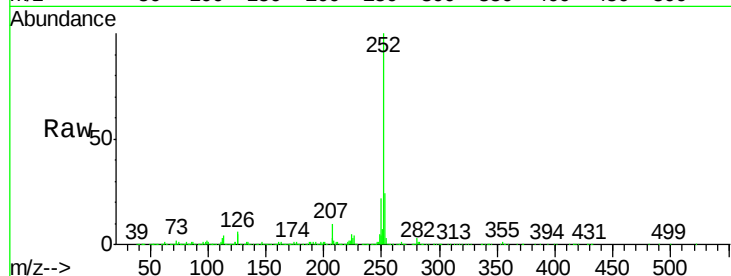
Tgt Ion:252 Resp: 1184568

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

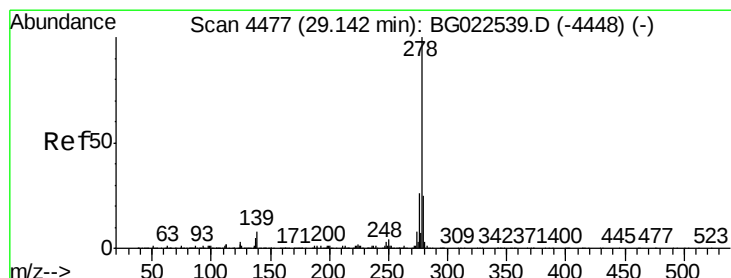
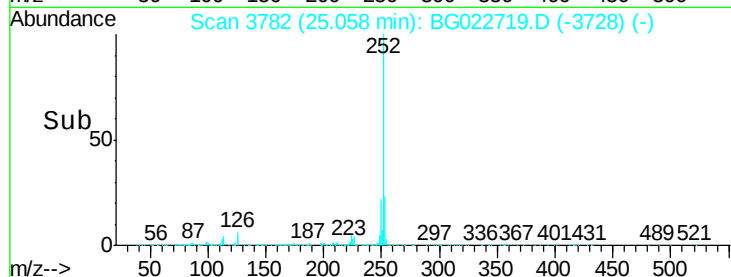
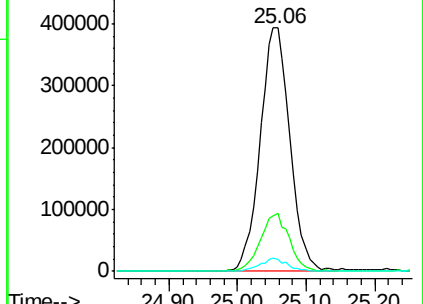
125 4.9 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 16.73 ng

RT: 29.14 min Scan# 4476

Delta R.T. 0.02 min

Lab File: BG022719.D

Acq: 30 Jun 2016 9:18

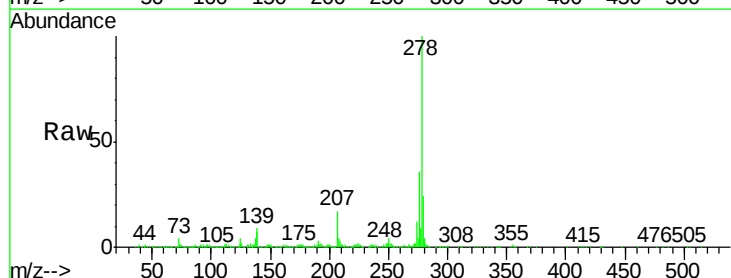
Tgt Ion:278 Resp: 1104167

Ion Ratio Lower Upper

278 100

139 9.0 4.7 7.1#

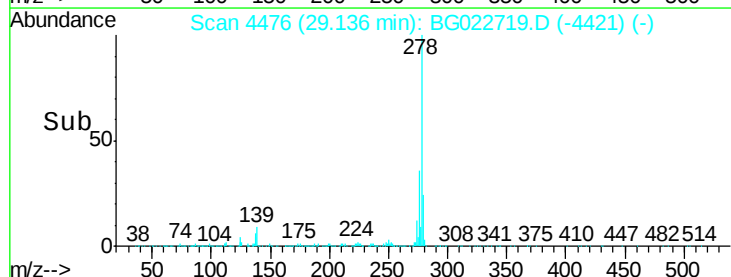
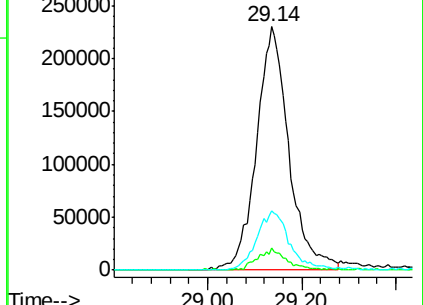
279 24.3 18.3 27.5



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: 15.63 ng
 RT: 30.28 min Scan# 4670
 Delta R.T. 0.02 min
 Lab File: BG022719.D
 Acq: 30 Jun 2016 9:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

Tgt Ion:276 Resp: 1050481

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	27.8
138	7.5	6.8	10.2

