

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022649.D
 Acq On : 27 Jun 2016 19:18
 Operator : UM/SJ
 Sample : PB91595BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Quant Time: Jun 28 01:08:14 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	8.17	152	141256	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	606043	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	452119	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1237567	20.00	ng	0.01
75) Chrysene-d12	21.86	240	1405827	20.00	ng	0.01
86) Perylene-d12	25.22	264	1476455	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	972489	110.42	ng	0.01
7) Phenol-d6	7.32	99	1450241	116.83	ng	0.02
23) Nitrobenzene-d5	9.34	82	1007165	70.34	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	845070	118.84	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1981924	69.52	ng	0.00
78) Terphenyl-d14	20.16	244	3199493	60.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	94690	26.53	ng	# 89
3) Pyridine	3.99	79	290850	29.13	ng	98
4) n-Nitrosodimethylamine	3.90	42	173430	30.37	ng	94
6) Aniline	7.49	93	356264	21.65	ng	95
8) 2-Chlorophenol	7.73	128	336148	36.85	ng	98
9) Benzaldehyde	7.31	77	9599	2.20	ng	# 69
10) Phenol	7.34	94	508757	38.78	ng	94
11) bis(2-Chloroethyl)ether	7.58	93	351873	32.58	ng	94
12) 1,3-Dichlorobenzene	8.06	146	363784	32.77	ng	99
13) 1,4-Dichlorobenzene	8.21	146	367639	33.03	ng	99
14) 1,2-Dichlorobenzene	8.53	146	357100	33.74	ng	97
15) Benzyl Alcohol	8.41	79	427162	37.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	390034	32.65	ng	100
17) 2-Methylphenol	8.61	107	322748	37.32	ng	96
18) Hexachloroethane	9.26	117	144513	31.37	ng	91
19) n-Nitroso-di-n-propylamine	8.98	70	343197	33.20	ng	96
20) 3+4-Methylphenols	8.94	107	454979	38.19	ng	92
22) Acetophenone	9.00	105	593707	33.89	ng	# 91
24) Nitrobenzene	9.38	77	523864	33.10	ng	93
25) Isophorone	9.91	82	904430	32.54	ng	98
26) 2-Nitrophenol	10.10	139	204648	35.90	ng	92
27) 2,4-Dimethylphenol	10.15	122	361903	33.23	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	507900	33.47	ng	96
29) 2,4-Dichlorophenol	10.64	162	410724	38.71	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	422953	33.57	ng	96
31) Naphthalene	11.05	128	1018974	33.45	ng	98
32) Benzoic acid	10.28	122	282130	40.52	ng	95
33) 4-Chloroaniline	11.15	127	76481	5.83	ng	# 89
34) Hexachlorobutadiene	11.33	225	324873	33.17	ng	97
35) Caprolactam	11.93	113	100159	29.96	ng	89
36) 4-Chloro-3-methylphenol	12.26	107	511566	39.27	ng	98
37) 2-Methylnaphthalene	12.64	142	789196	33.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	558577	32.73	ng	99
40) Hexachlorocyclopentadiene	12.98	237	808786	59.36	ng	98

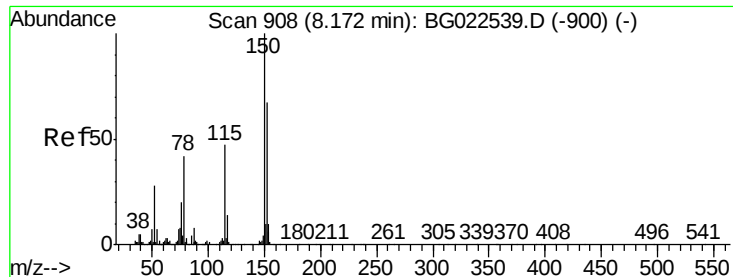
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	397895	36.35	ng	97
43) 2,4,5-Trichlorophenol	13.31	196	428526	37.42	ng	94
45) 1,1'-Biphenyl	13.64	154	1129576	32.80	ng	97
46) 2-Chloronaphthalene	13.68	162	925471	32.66	ng	95
47) 2-Nitroaniline	13.88	65	397101	36.30	ng	99
48) Acenaphthylene	14.53	152	1397377	34.00	ng	98
49) Dimethylphthalate	14.25	163	1288382	34.35	ng	98
50) 2,6-Dinitrotoluene	14.37	165	300856	36.92	ng	88
51) Acenaphthene	14.87	154	935782	30.90	ng	100
52) 3-Nitroaniline	14.71	138	168029	22.03	ng	98
53) 2,4-Dinitrophenol	14.91	184	437920	87.24	ng	94
54) Dibenzofuran	15.20	168	1475285	33.64	ng	97
55) 4-Nitrophenol	15.01	139	495351	76.82	ng	99
56) 2,4-Dinitrotoluene	15.16	165	447304	39.62	ng	92
57) Fluorene	15.85	166	1218085	34.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	457236	38.51	ng	# 98
59) Diethylphthalate	15.61	149	1353188	35.09	ng	97
60) 4-Chlorophenyl-phenylether	15.84	204	727064	34.89	ng	99
61) 4-Nitroaniline	15.88	138	310205	39.42	ng	# 87
62) Azobenzene	16.14	77	1388350	33.25	ng	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	308132	37.13	ng	97
65) n-Nitrosodiphenylamine	16.06	169	1193290	33.13	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	529496	32.98	ng	98
67) Hexachlorobenzene	16.86	284	557122	32.82	ng	99
68) Atrazine	17.01	200	533197	35.07	ng	99
69) Pentachlorophenol	17.20	266	821659	70.33	ng	98
70) Phenanthrene	17.61	178	2113000	33.48	ng	96
71) Anthracene	17.70	178	2150641	33.11	ng	98
72) Carbazole	17.97	167	1959209	35.58	ng	98
73) Di-n-butylphthalate	18.51	149	2225415	34.71	ng	98
74) Fluoranthene	19.61	202	2546455	35.02	ng	96
76) Benzidine	19.78	184	850489	56.82	ng	98
77) Pyrene	19.97	202	2610443	34.86	ng	94
79) Butylbenzylphthalate	20.85	149	1148795	35.44	ng	95
80) Benzo(a)anthracene	21.83	228	2764479	35.54	ng	99
81) 3,3'-Dichlorobenzidine	21.75	252	606413	18.87	ng	95
82) Chrysene	21.90	228	2584472	35.36	ng	92
83) Bis(2-ethylhexyl)phthalate	21.72	149	1522456	33.36	ng	97
84) Di-n-octyl phthalate	22.99	149	2546495	33.85	ng	98
85) Indeno(1,2,3-cd)pyrene	29.08	276	3334734	34.71	ng	# 100
87) Benzo(b)fluoranthene	24.22	252	2931661	33.02	ng	96
88) Benzo(k)fluoranthene	24.22	252	2931661	34.93	ng	# 96
89) Benzo(a)pyrene	25.06	252	2963480	34.24	ng	96
90) Dibenzo(a,h)anthracene	29.15	278	2774988	34.06	ng	# 96
91) Benzo(g,h,i)perylene	30.28	276	2689262	32.43	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. 0.00 min

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PB91595BS

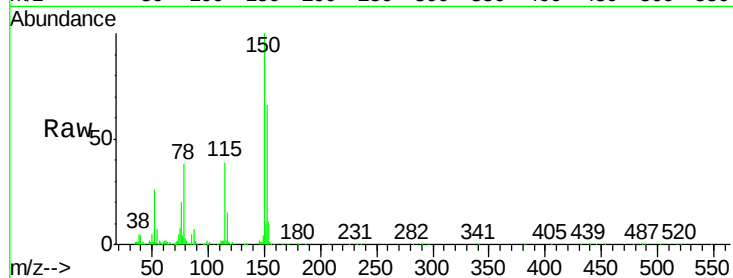
Tgt Ion:152 Resp: 141256

Ion Ratio Lower Upper

152 100

150 152.2 144.7 217.1

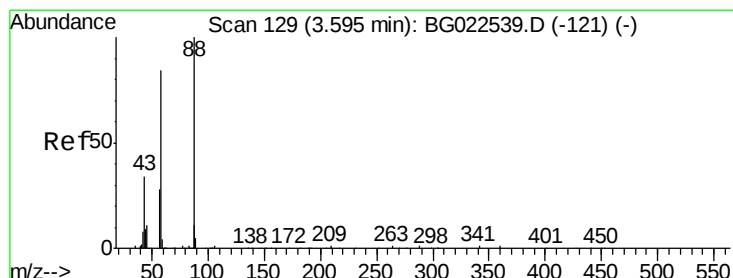
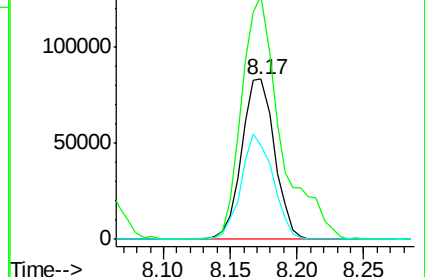
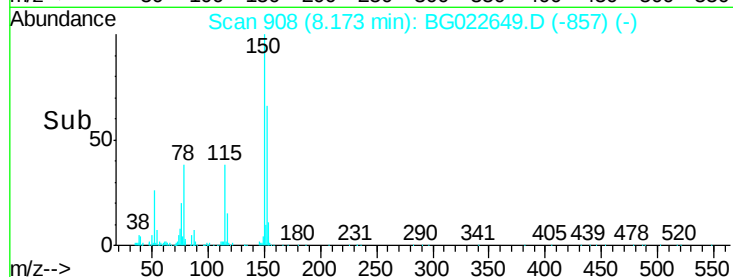
115 58.6 64.0 96.0#



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: 26.53 ng

RT: 3.58 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

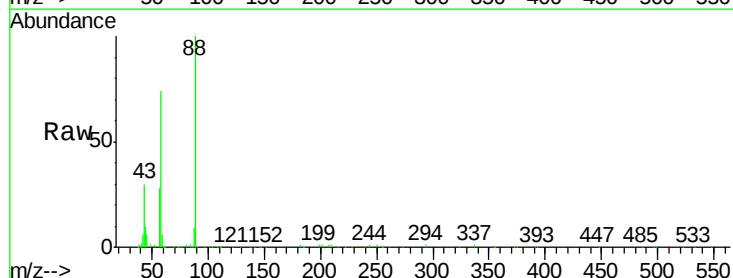
Tgt Ion: 88 Resp: 94690

Ion Ratio Lower Upper

88 100

58 70.0 60.4 90.6

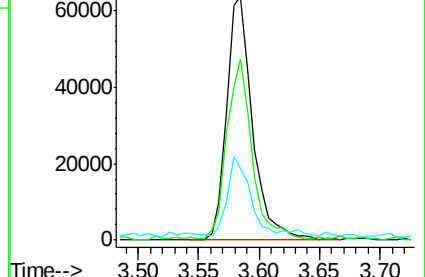
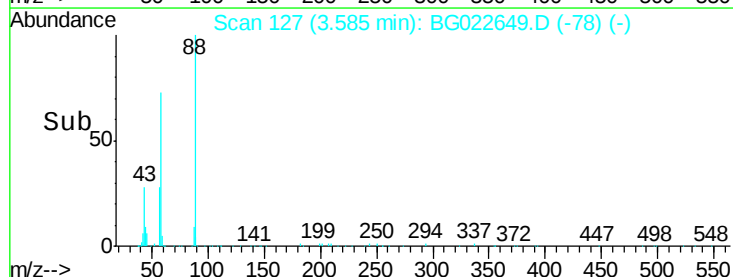
43 27.0 31.1 46.7#

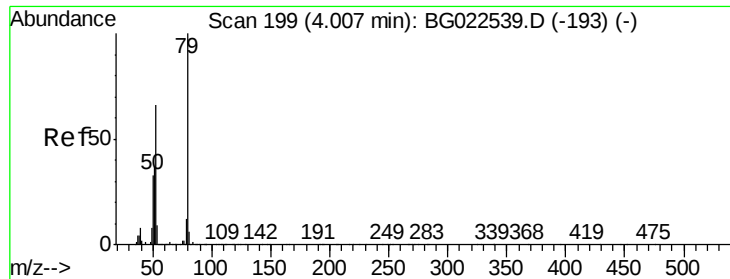


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

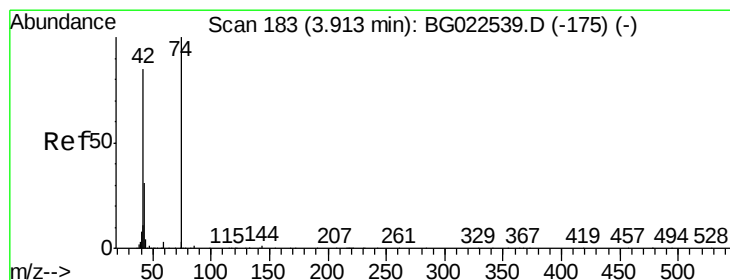
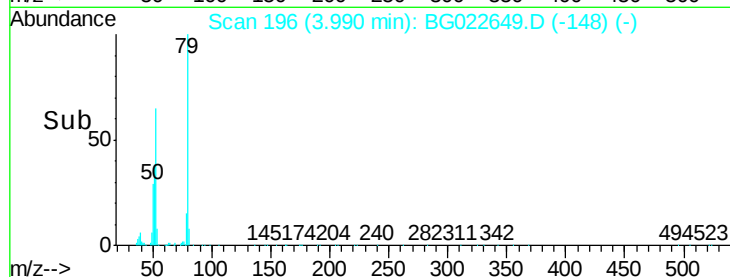
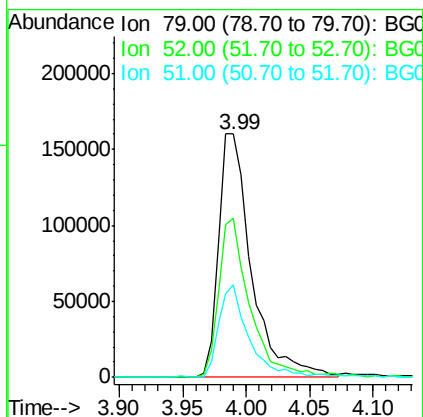
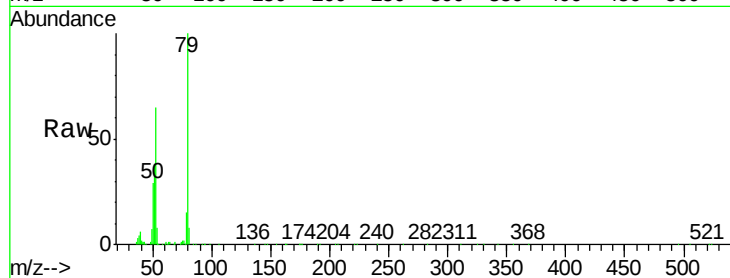




#3
 Pyridine
 Concen: 29.13 ng
 RT: 3.99 min Scan# 196
 Delta R.T. -0.02 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

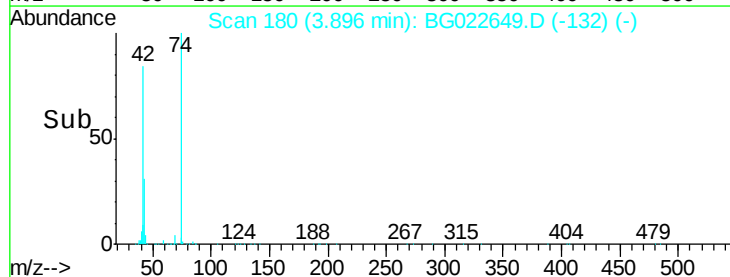
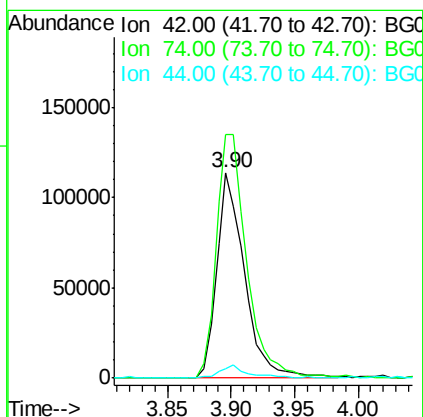
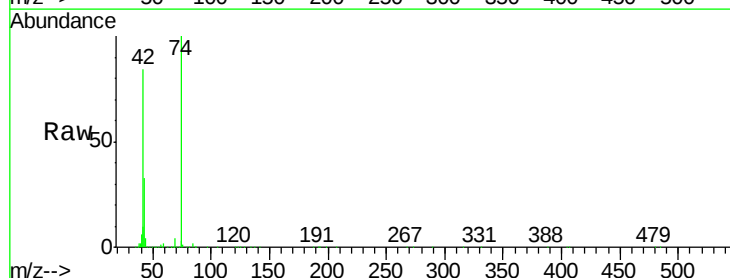
Instrument :
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 PB91595BS

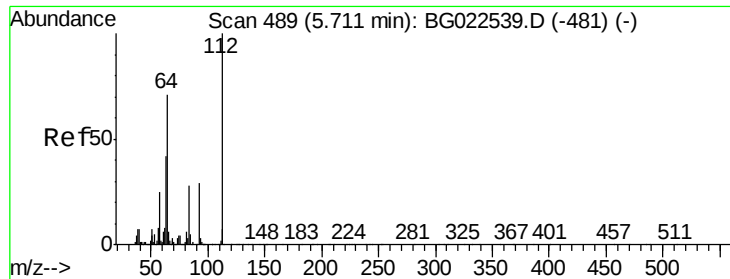
Tgt Ion: 79 Resp: 290850
 Ion Ratio Lower Upper
 79 100
 52 65.1 51.8 77.8
 51 38.1 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 30.37 ng
 RT: 3.90 min Scan# 180
 Delta R.T. -0.02 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion: 42 Resp: 173430
 Ion Ratio Lower Upper
 42 100
 74 118.5 100.6 150.8
 44 4.8 4.5 6.7





#5

2-Fluorophenol

Concen: 110.42 ng

RT: 5.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

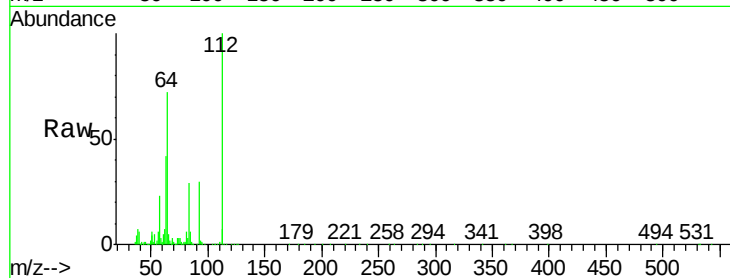
Tgt Ion: 112 Resp: 972489

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

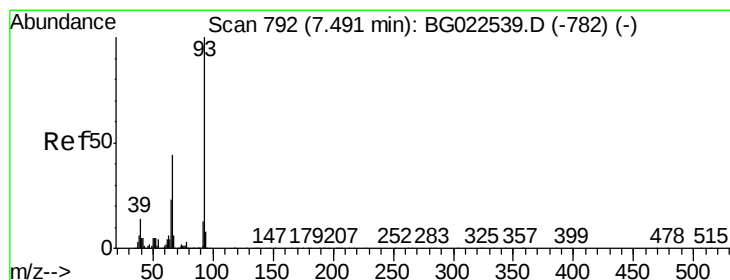
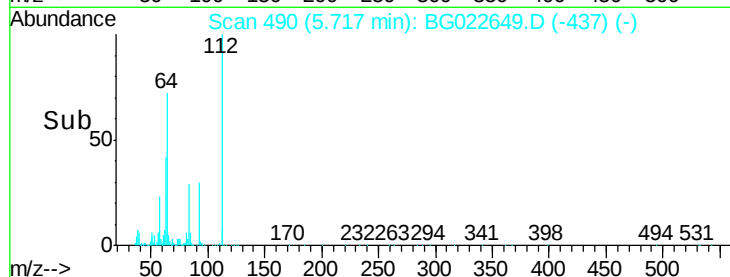
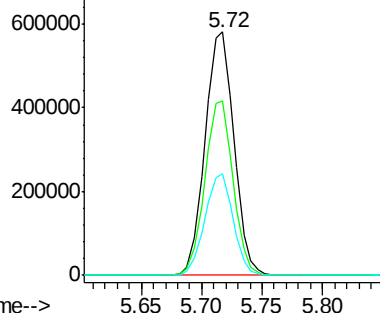
63 41.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.65 ng

RT: 7.49 min Scan# 792

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

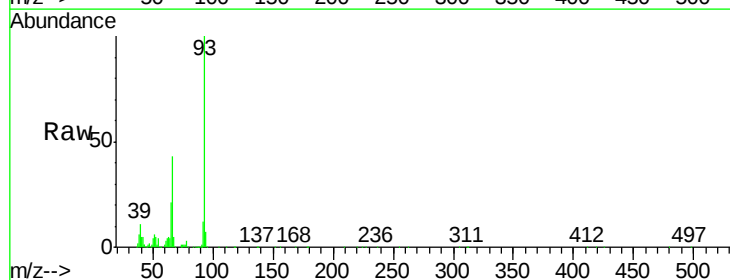
Tgt Ion: 93 Resp: 356264

Ion Ratio Lower Upper

93 100

66 43.1 37.5 56.3

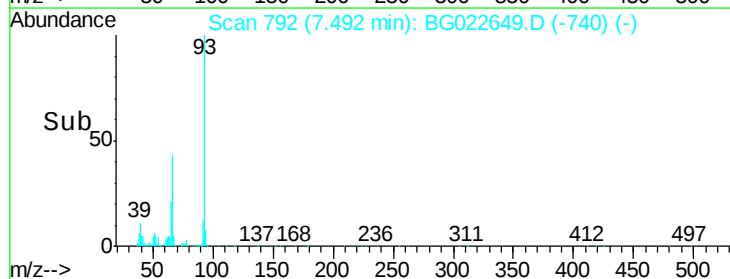
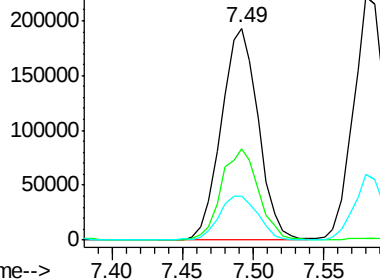
65 20.8 17.9 26.9

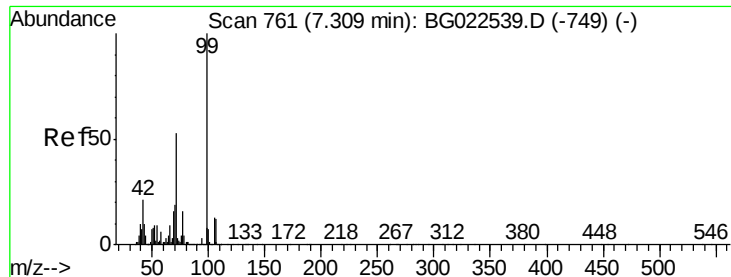


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.83 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

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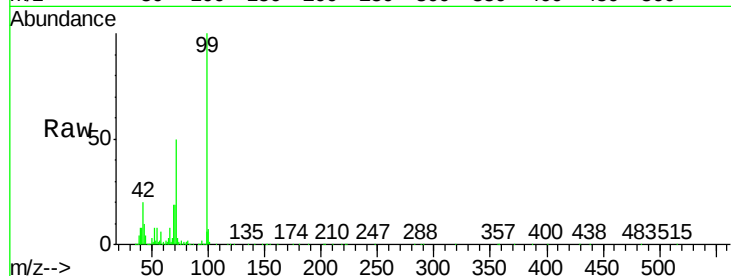
Tgt Ion: 99 Resp: 1450241

Ion Ratio Lower Upper

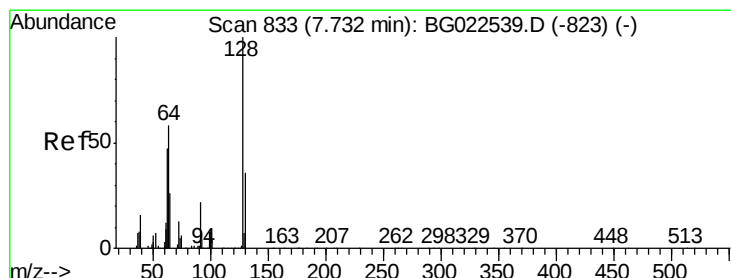
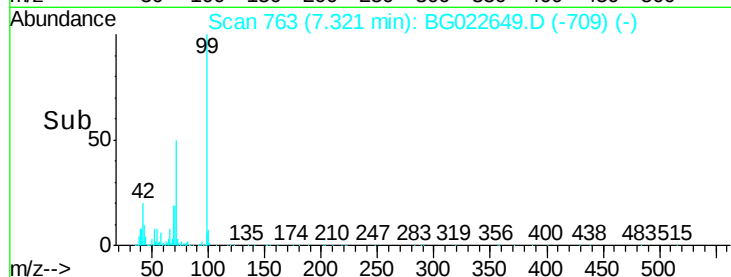
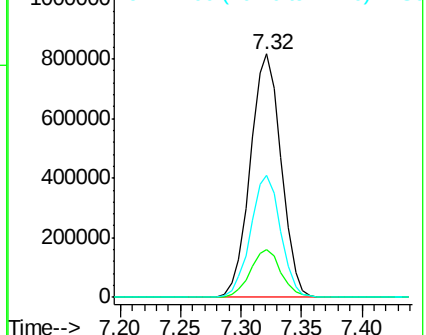
99 100

42 19.7 17.8 26.6

71 50.0 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: 36.85 ng

RT: 7.73 min Scan# 833

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

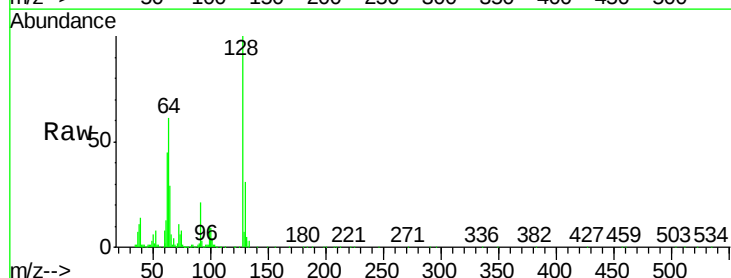
Tgt Ion: 128 Resp: 336148

Ion Ratio Lower Upper

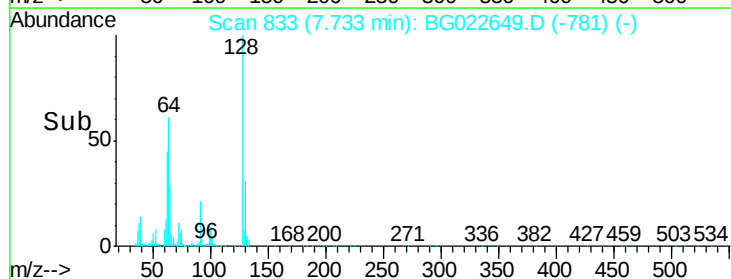
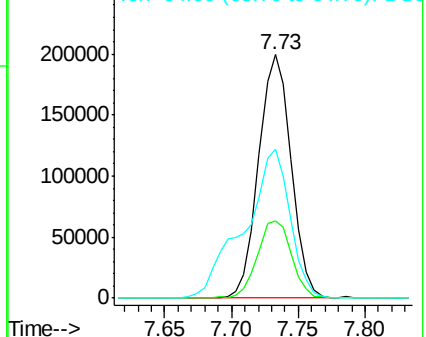
128 100

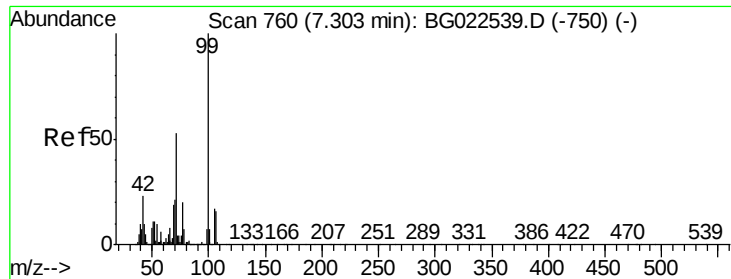
130 31.5 12.9 52.9

64 61.2 42.0 82.0



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





#9

Benzaldehyde

Concen: 2.20 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

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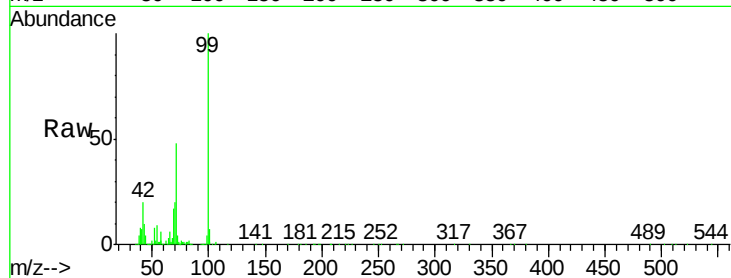
Tgt Ion: 77 Resp: 9599

Ion Ratio Lower Upper

77 100

105 43.2 58.7 98.7#

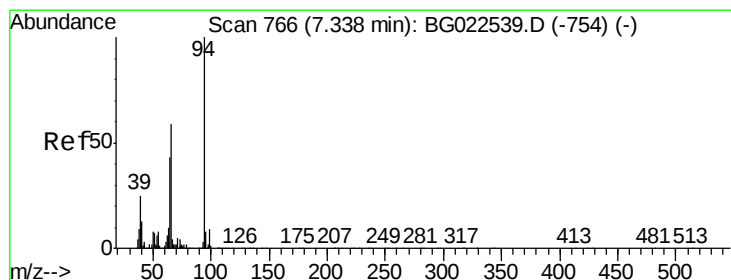
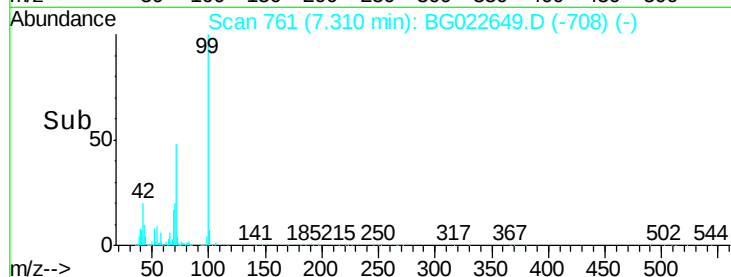
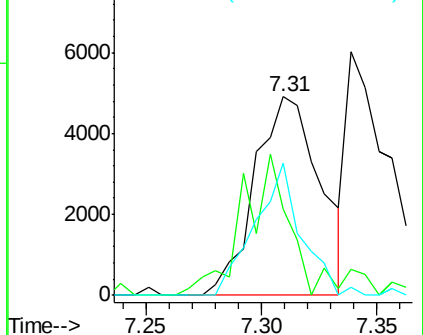
106 66.9 67.5 107.5#



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: 38.78 ng

RT: 7.34 min Scan# 767

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

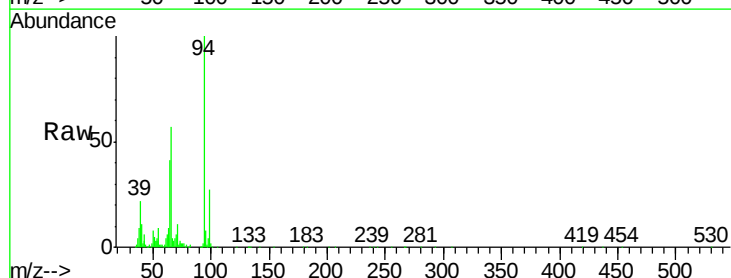
Tgt Ion: 94 Resp: 508757

Ion Ratio Lower Upper

94 100

65 40.9 18.1 58.1

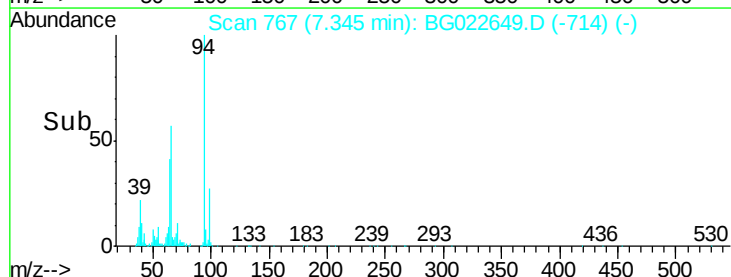
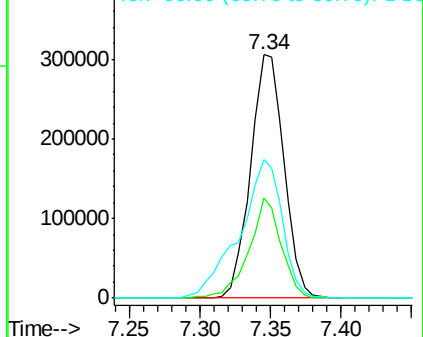
66 56.9 42.1 82.1

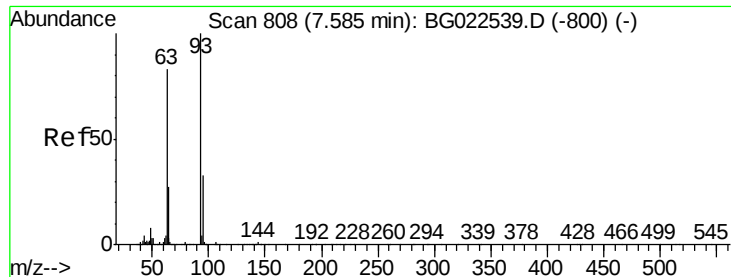


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

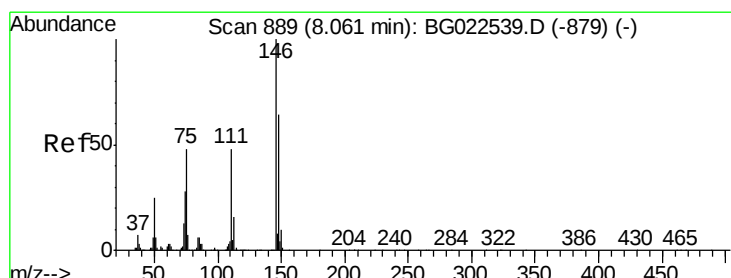
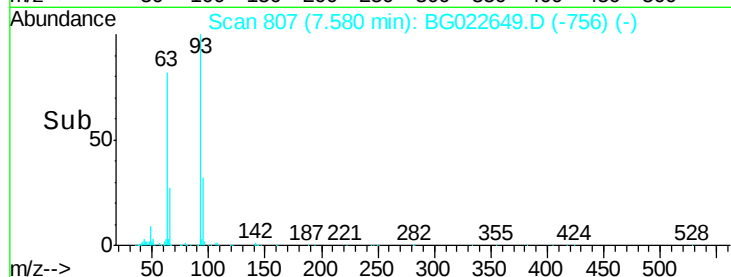
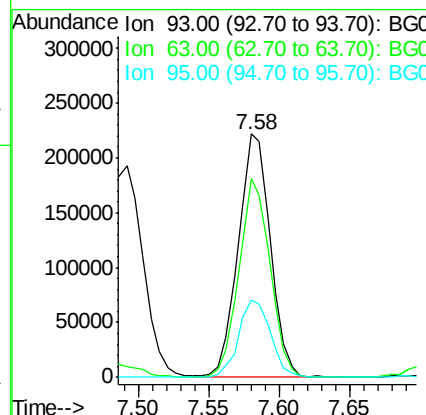
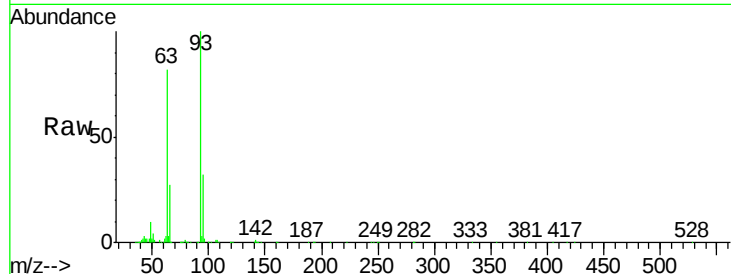




#11
bis(2-Chloroethyl)ether
Concen: 32.58 ng
RT: 7.58 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

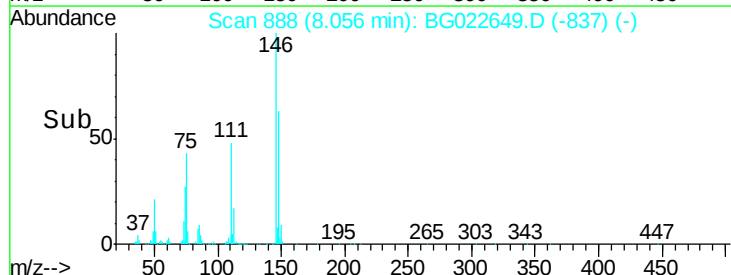
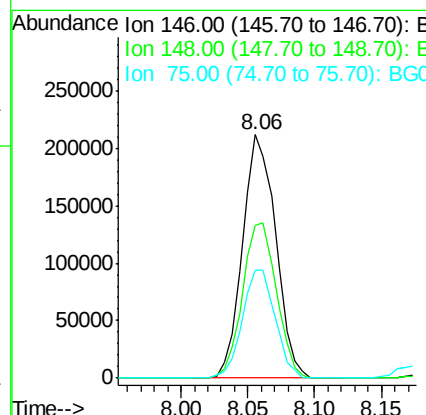
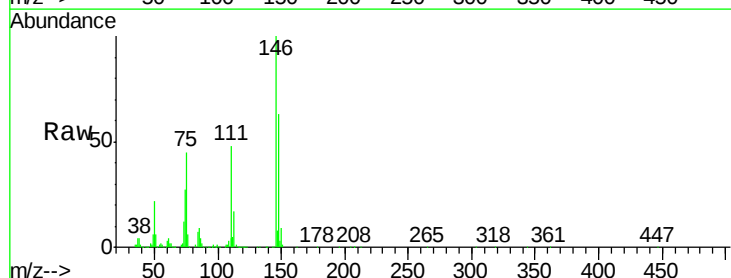
Instrument :
BNA_G
ClientSampleId :
PB91595BS

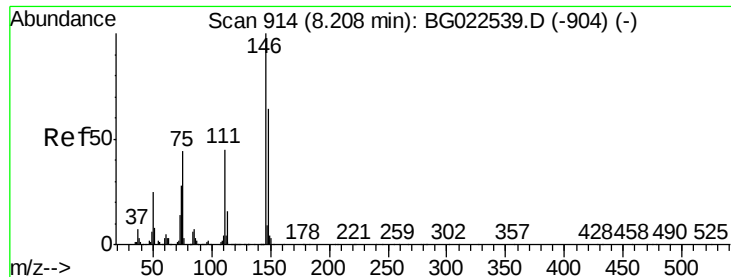
Tgt Ion: 93 Resp: 351873
Ion Ratio Lower Upper
93 100
63 81.9 55.0 95.0
95 31.5 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 32.77 ng
RT: 8.06 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion: 146 Resp: 363784
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
75 44.5 37.0 55.6

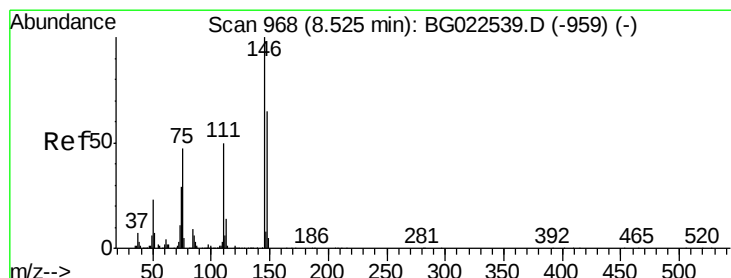
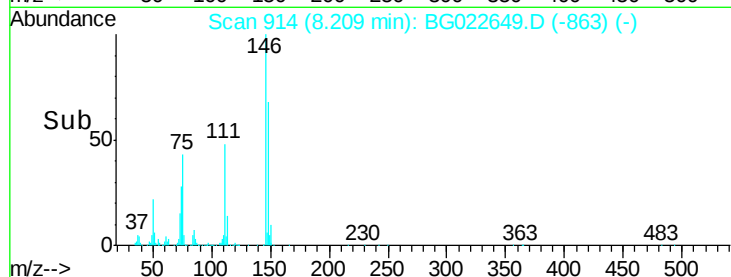
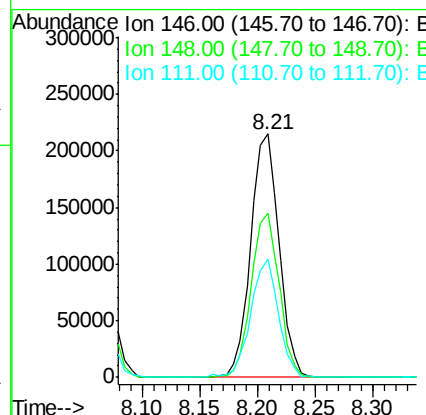
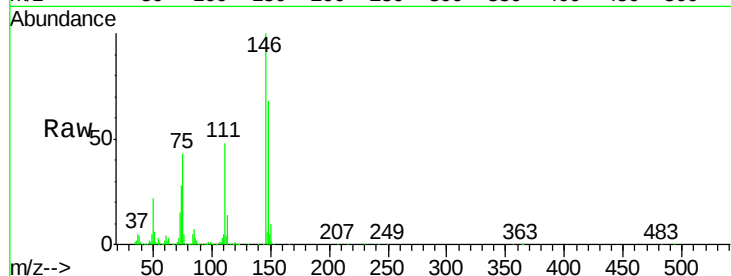




#13
 1,4-Dichlorobenzene
 Concen: 33.03 ng
 RT: 8.21 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

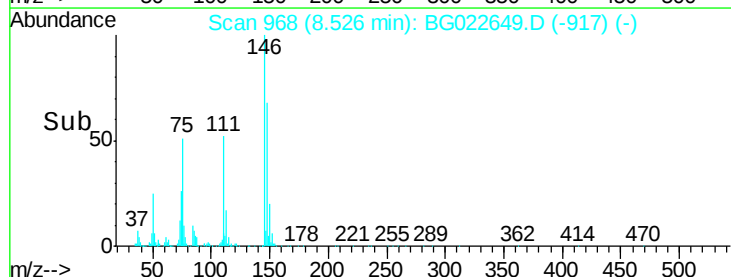
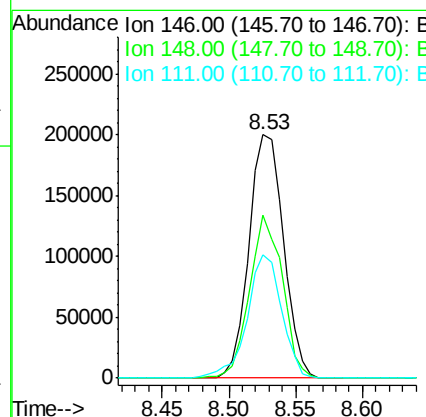
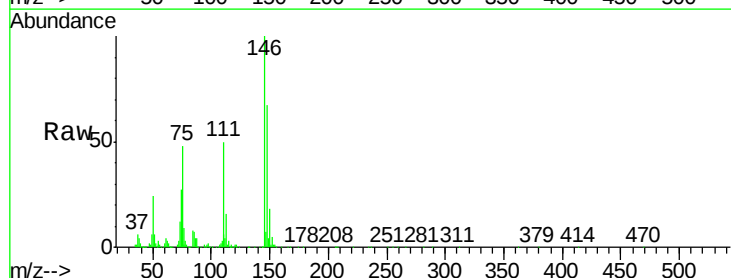
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

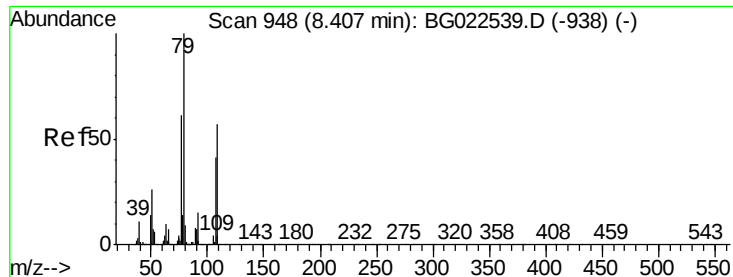
Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	54.5	81.7
111	48.4	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 33.74 ng
 RT: 8.53 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.9	79.3
111	50.5	43.5	65.3





#15

Benzyl Alcohol

Concen: 37.19 ng

RT: 8.41 min Scan# 948

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

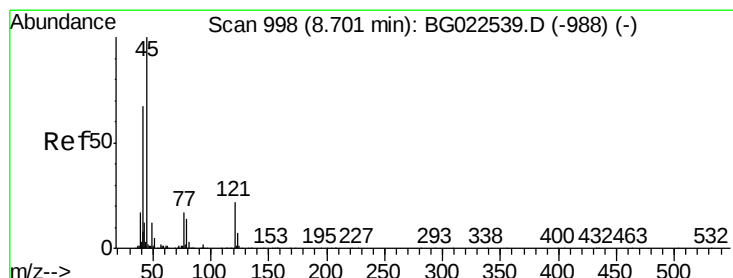
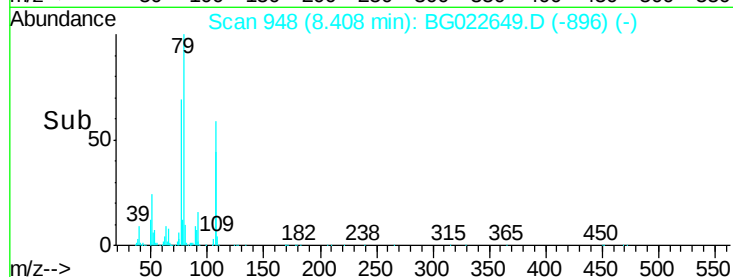
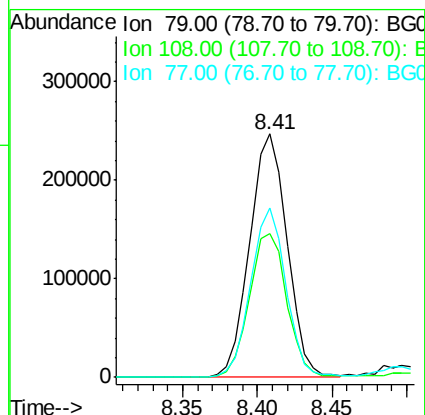
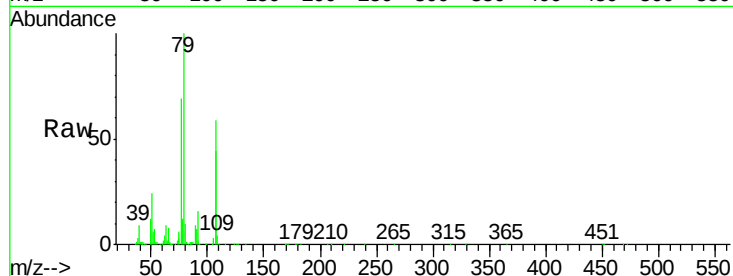
Tgt Ion: 79 Resp: 427162

Ion Ratio Lower Upper

79 100

108 59.3 46.5 69.7

77 69.4 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.65 ng

RT: 8.70 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

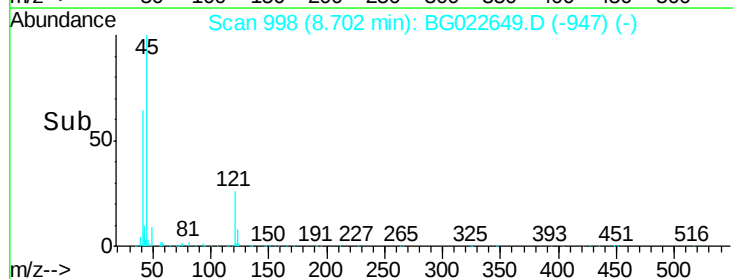
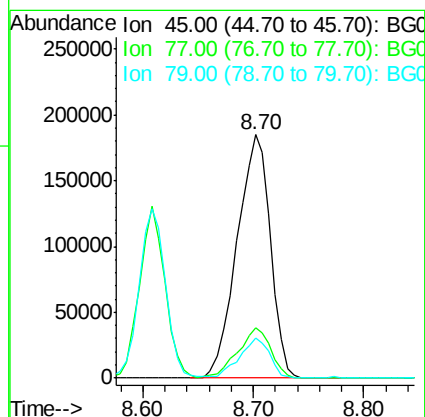
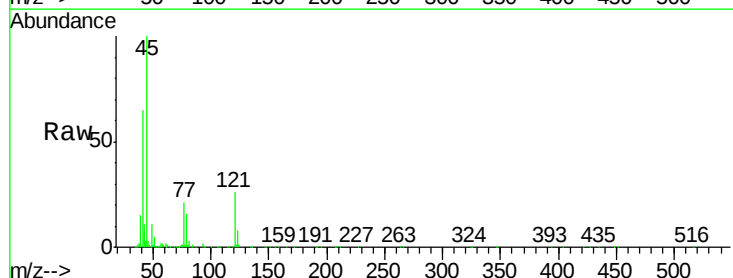
Tgt Ion: 45 Resp: 390034

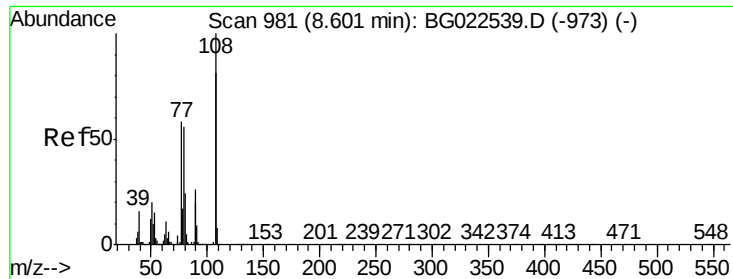
Ion Ratio Lower Upper

45 100

77 20.6 0.6 40.6

79 16.5 0.0 36.2

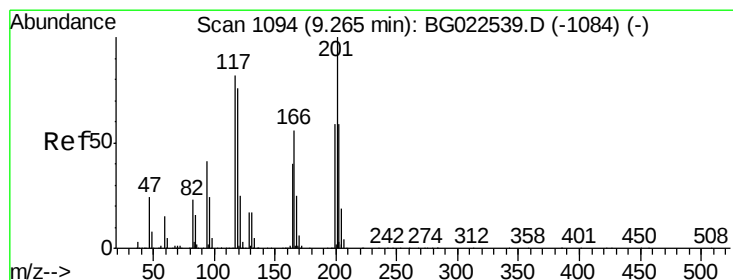
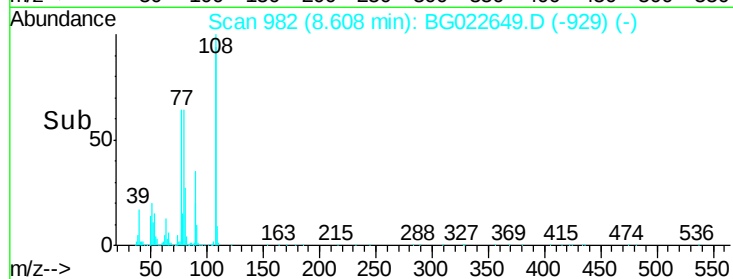
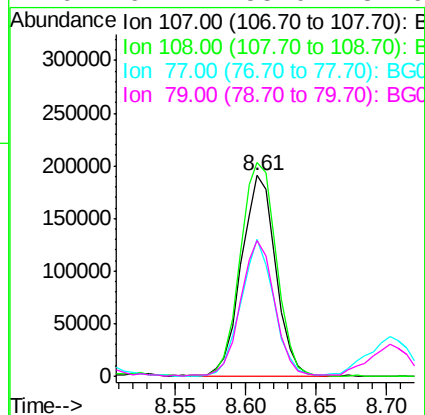
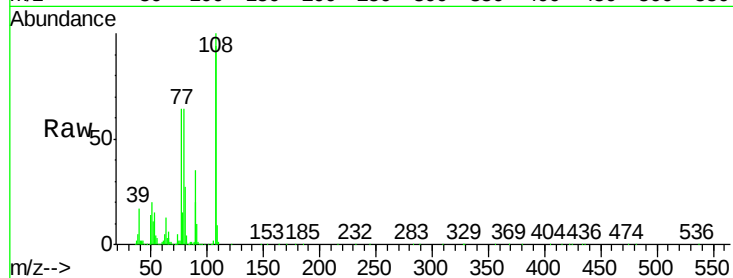




#17
2-Methylphenol
Concen: 37.32 ng
RT: 8.61 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

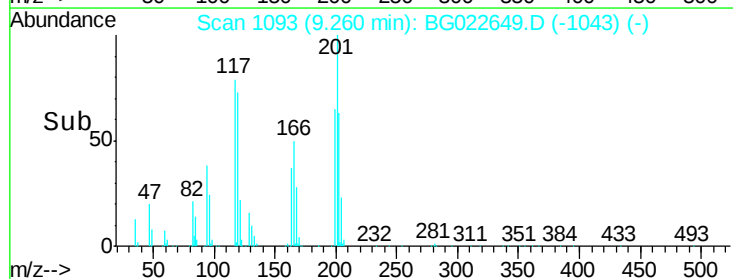
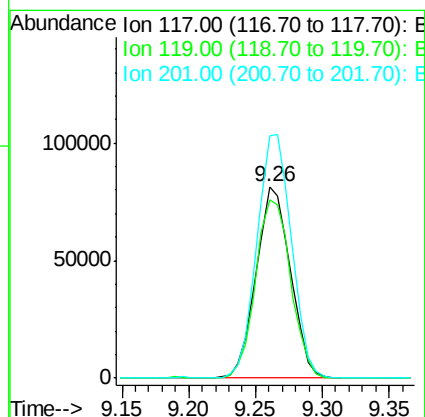
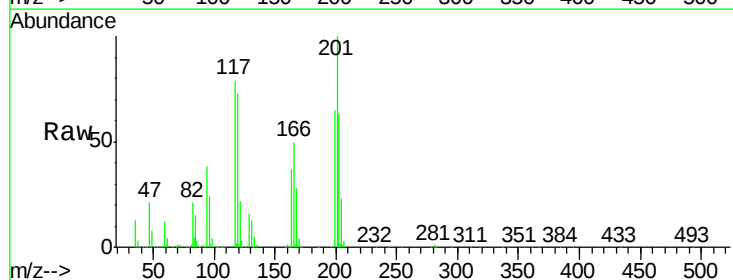
Instrument :
BNA_G
ClientSampleId :
PB91595BS

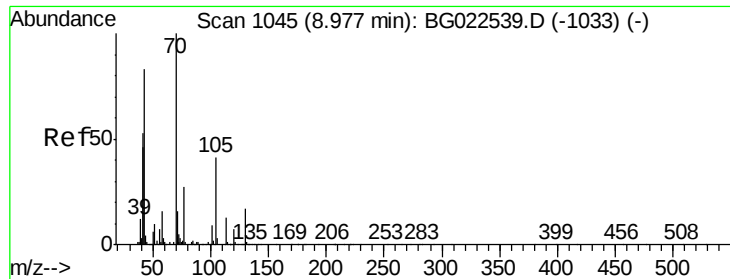
Tgt Ion:	107	Resp:	322748
Ion	Ratio	Lower	Upper
107	100		
108	106.4	92.0	138.0
77	68.5	55.8	83.6
79	67.7	55.0	82.6



#18
Hexachloroethane
Concen: 31.37 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:	117	Resp:	144513
Ion	Ratio	Lower	Upper
117	100		
119	93.1	73.7	110.5
201	126.9	88.7	133.1

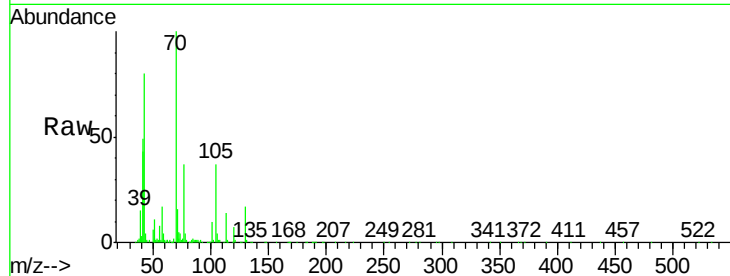




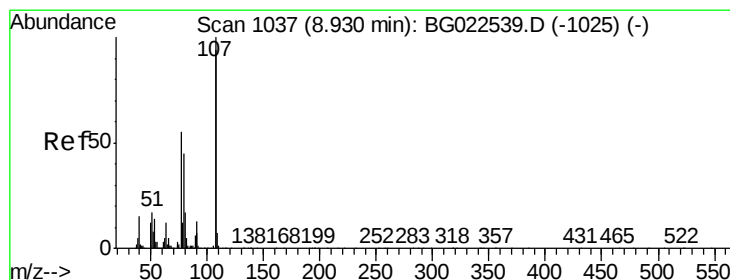
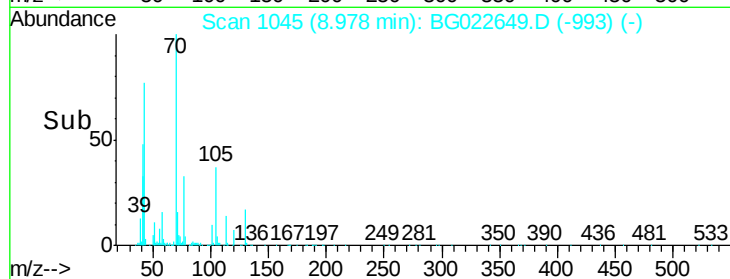
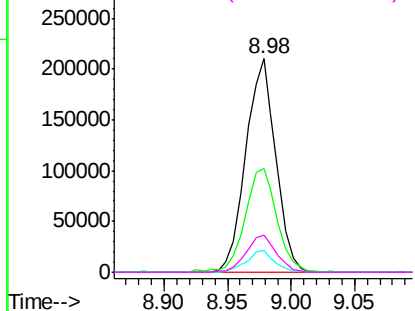
#19
n-Nitroso-di-n-propylamine
Concen: 33.20 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tgt Ion:	70	Resp:	343197
Ion	Ratio	Lower	Upper
70	100		
42	48.7	42.1	63.1
101	10.4	7.2	10.8
130	17.4	14.2	21.2

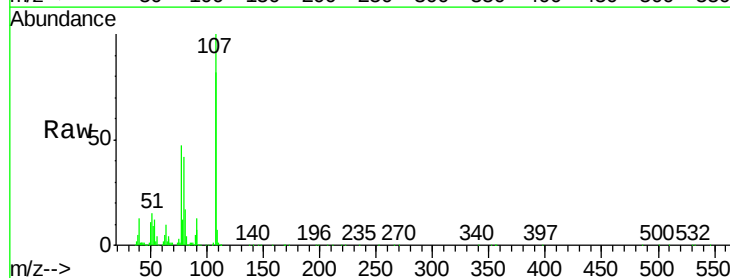


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

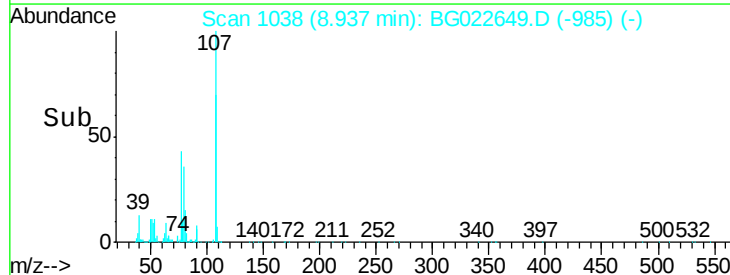
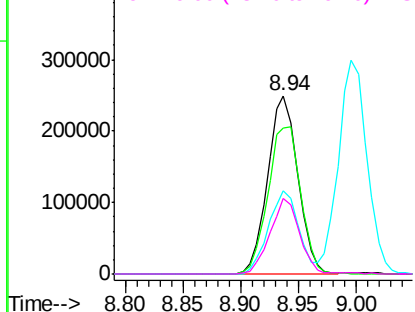


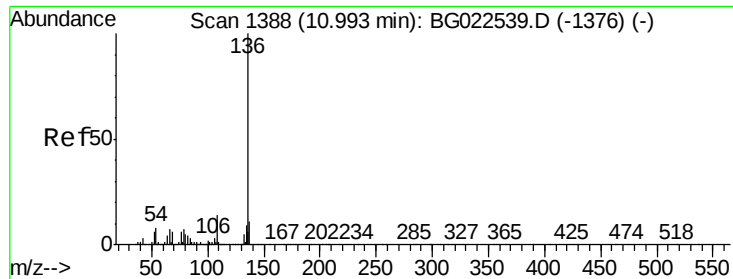
#20
3+4-Methylphenols
Concen: 38.19 ng
RT: 8.94 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:	107	Resp:	454979
Ion	Ratio	Lower	Upper
107	100		
108	81.8	72.5	112.5
77	46.9	30.1	70.1
79	42.2	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

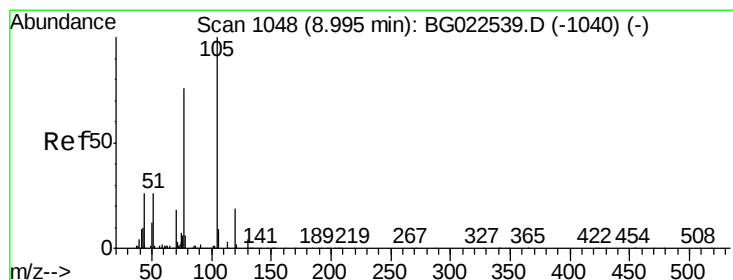
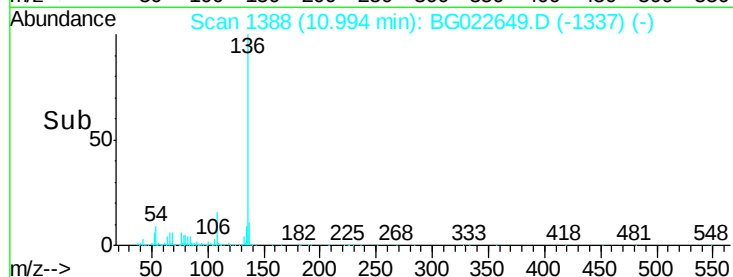
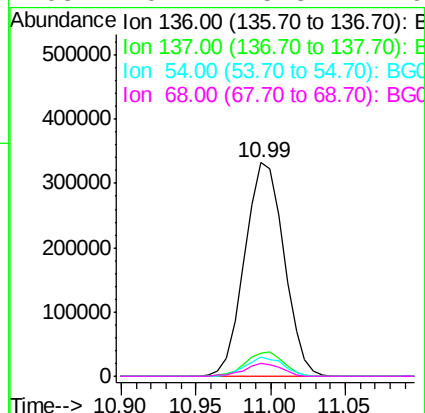
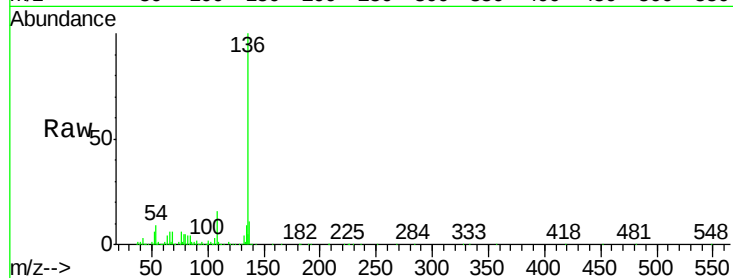




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

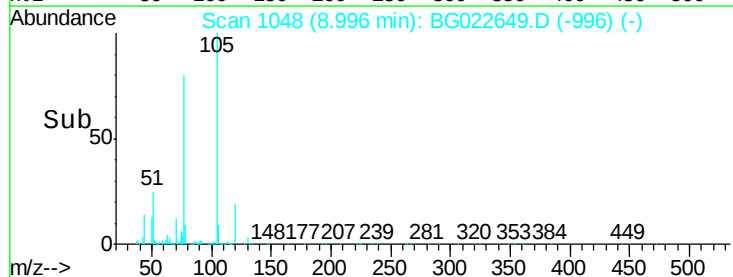
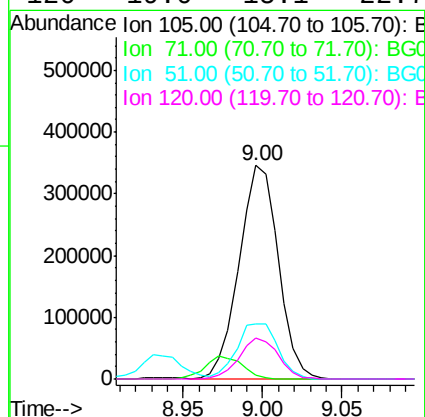
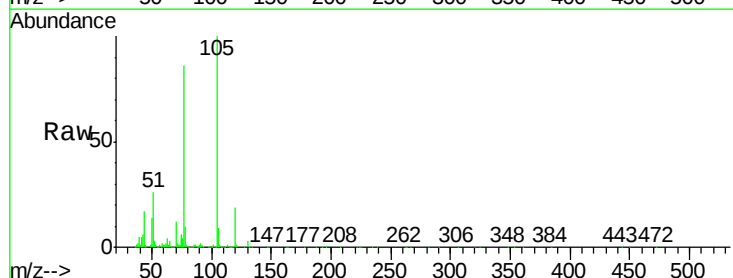
Instrument :
BNA_G
ClientSampleId :
PB91595BS

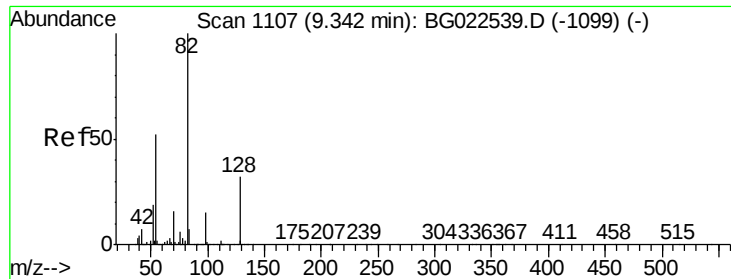
Tgt Ion:	136	Resp:	606043
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.0	7.3	10.9
68	6.1	5.3	7.9



#22
Acetophenone
Concen: 33.89 ng
RT: 9.00 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:	105	Resp:	593707
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.6	3.8#
51	26.1	27.1	40.7#
120	19.0	15.1	22.7

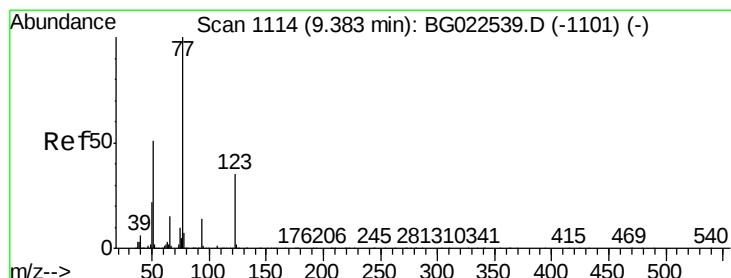
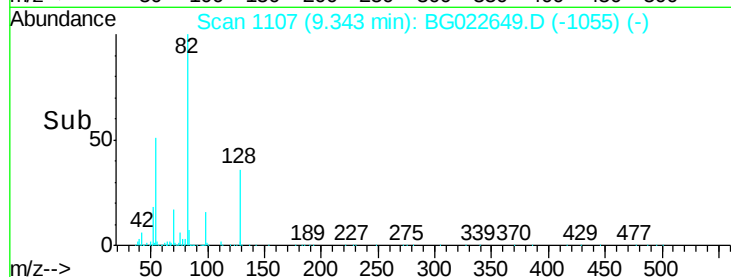
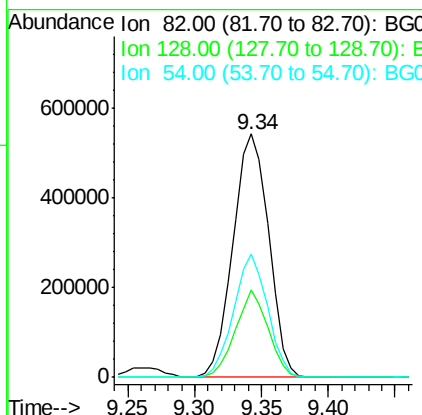
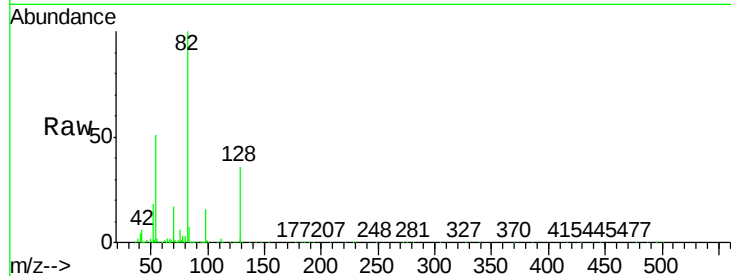




#23
 Nitrobenzene-d5
 Concen: 70.34 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

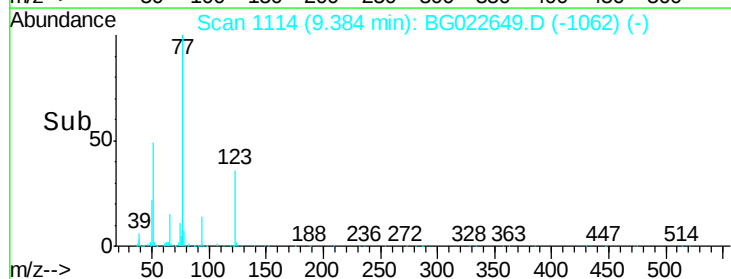
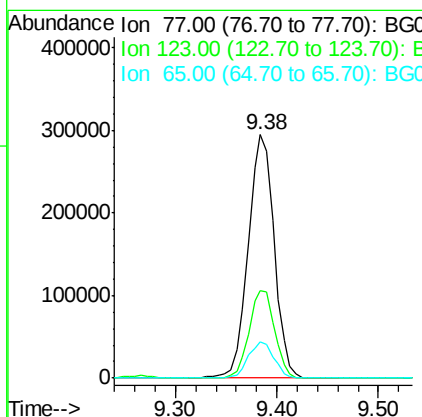
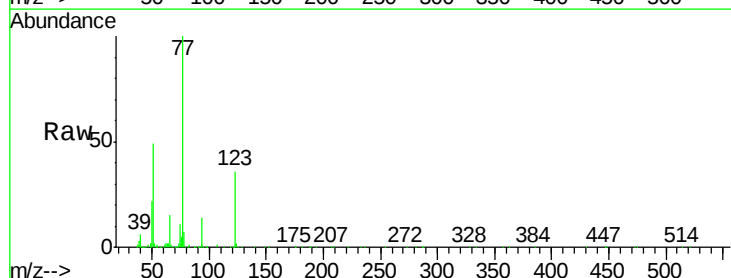
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

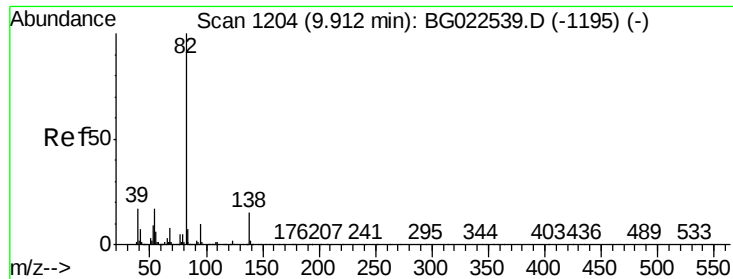
Tgt Ion: 82 Resp: 1007165
 Ion Ratio Lower Upper
 82 100
 128 35.9 24.4 36.6
 54 50.7 41.4 62.0



#24
 Nitrobenzene
 Concen: 33.10 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion: 77 Resp: 523864
 Ion Ratio Lower Upper
 77 100
 123 35.9 25.0 37.6
 65 14.7 13.4 20.0

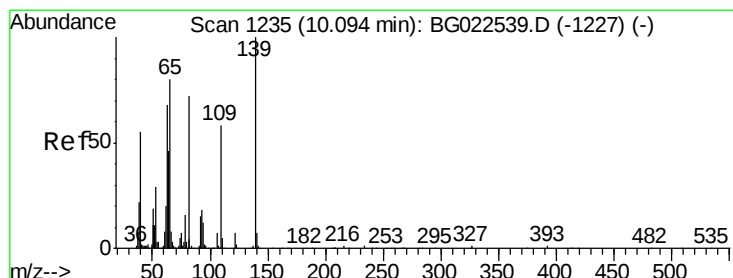
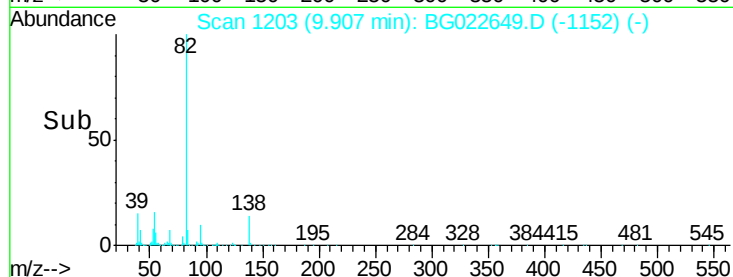
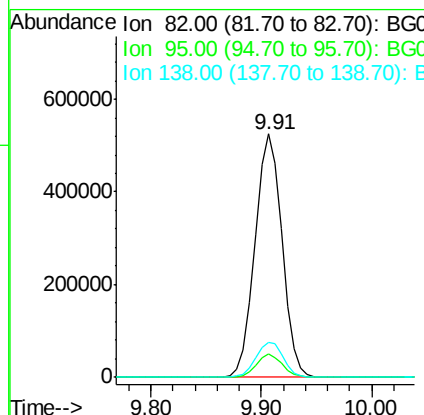
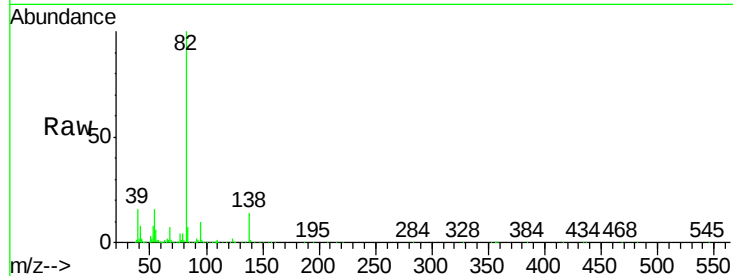




#25
Isophorone
Concen: 32.54 ng
RT: 9.91 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

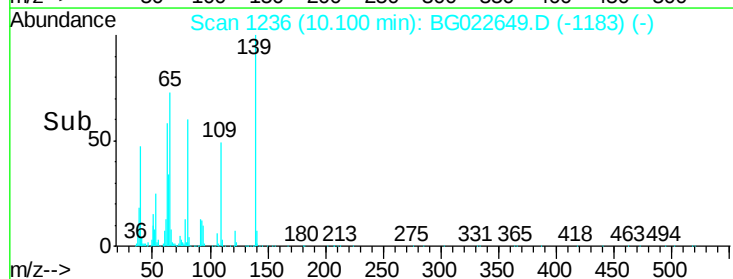
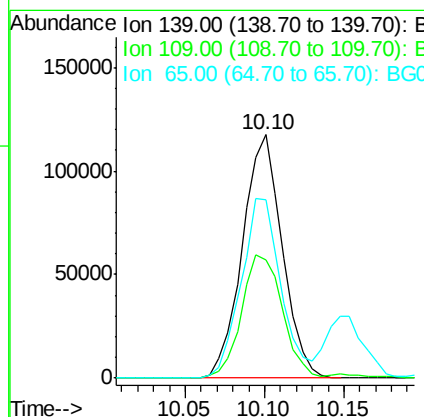
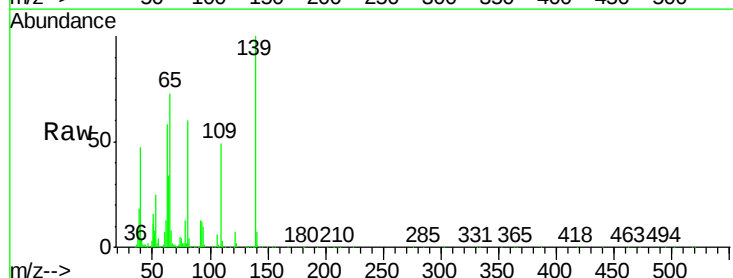
Instrument :
BNA_G
ClientSampleId :
PB91595BS

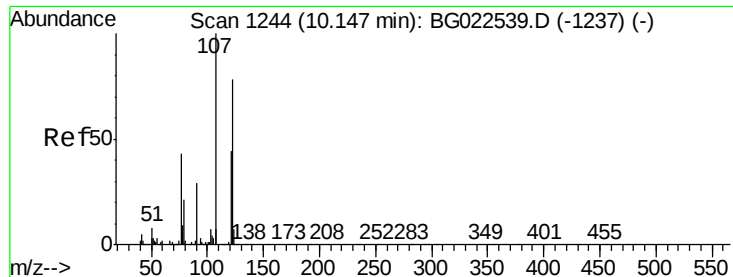
Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.6	8.2	12.2
138	14.1	10.7	16.1



#26
2-Nitrophenol
Concen: 35.90 ng
RT: 10.10 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.7	43.5	65.3
65	73.3	64.3	96.5

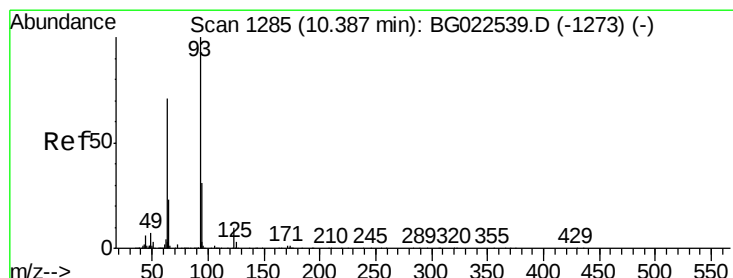
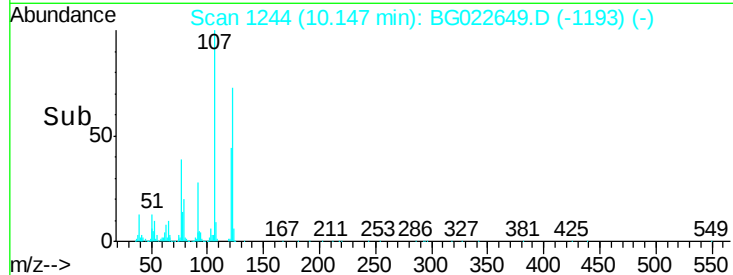
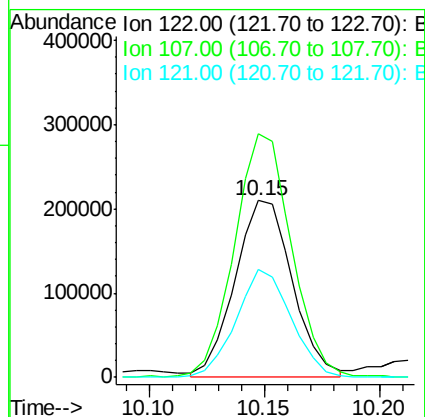
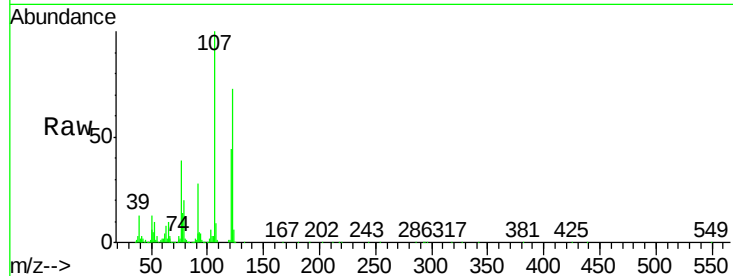




#27
2,4-Dimethylphenol
Concen: 33.23 ng
RT: 10.15 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

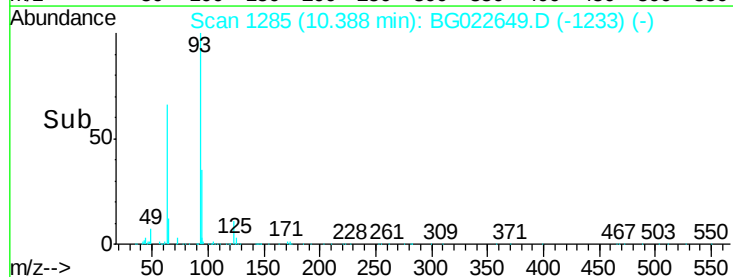
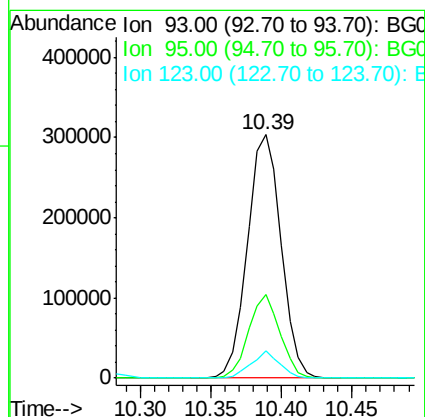
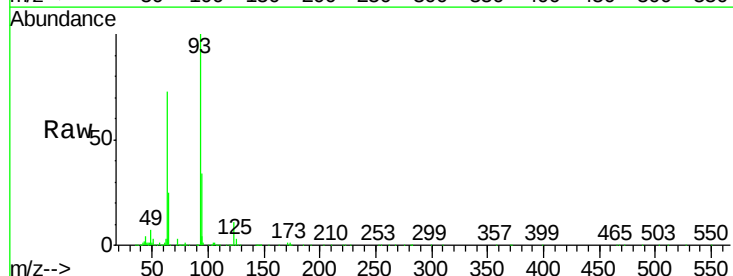
Instrument :
BNA_G
ClientSampleId :
PB91595BS

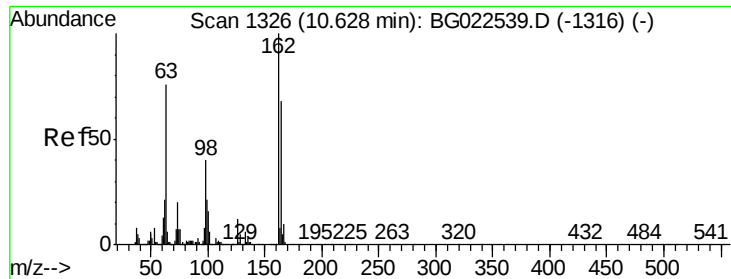
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.8	117.0	175.4
121	60.8	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 33.47 ng
RT: 10.39 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	25.4	38.2
123	11.2	8.2	12.2

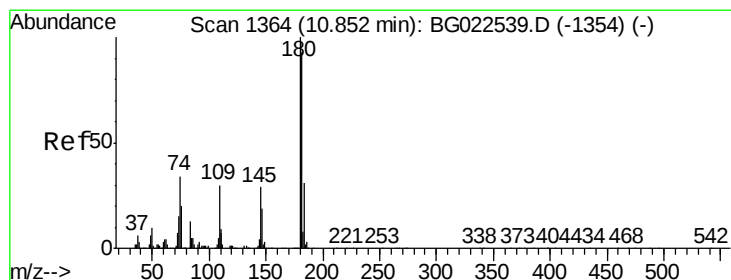
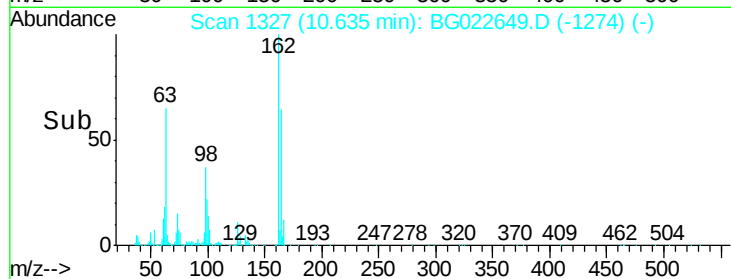
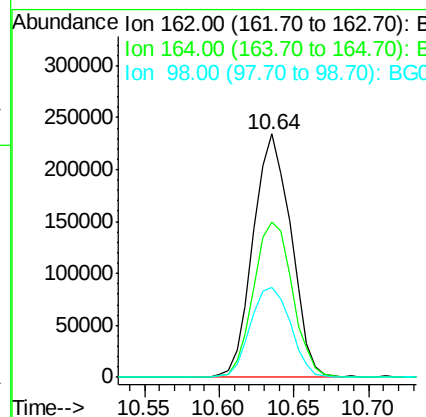
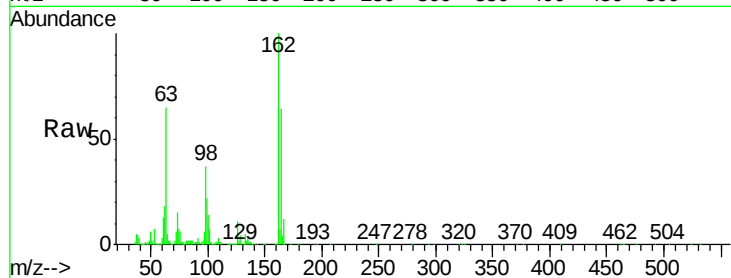




#29
 2,4-Dichlorophenol
 Concen: 38.71 ng
 RT: 10.64 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

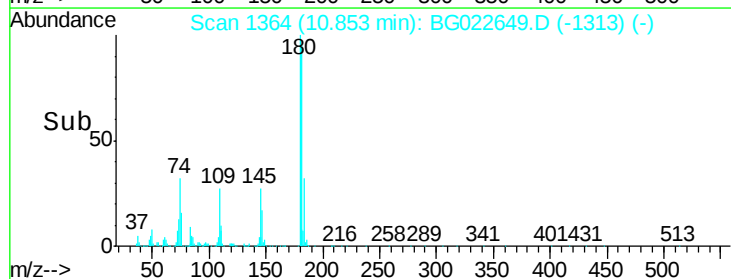
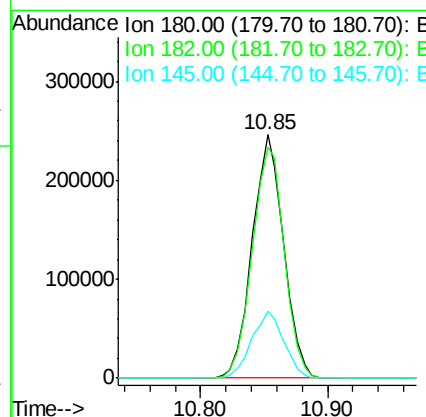
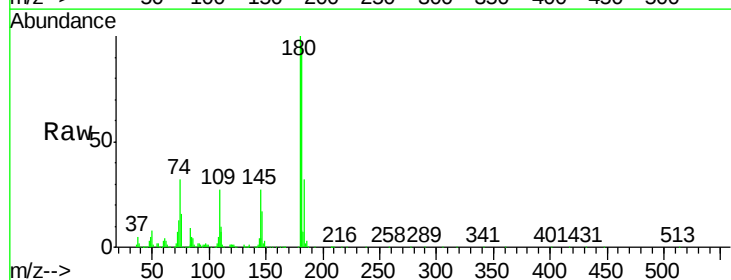
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

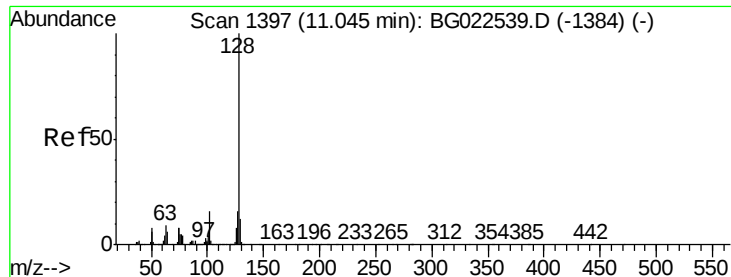
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	36.8	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 33.57 ng
 RT: 10.85 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	73.8	110.8
145	27.4	24.4	36.6





#31

Naphthalene

Concen: 33.45 ng

RT: 11.05 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

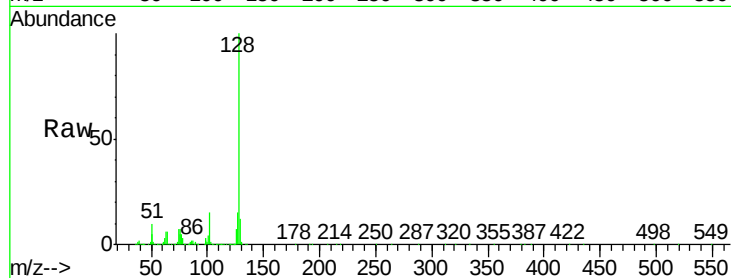
Tgt Ion:128 Resp: 1018974

Ion Ratio Lower Upper

128 100

129 12.3 9.4 14.0

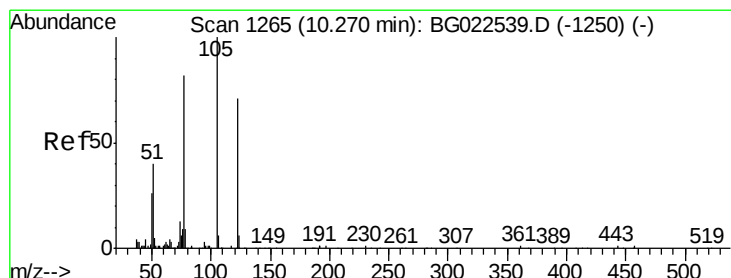
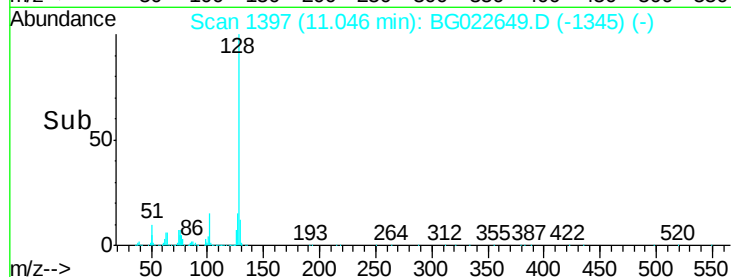
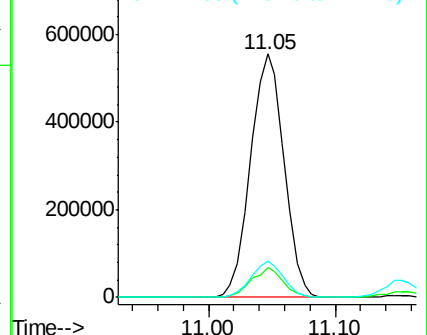
127 15.2 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.52 ng

RT: 10.28 min Scan# 1266

Delta R.T. 0.08 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

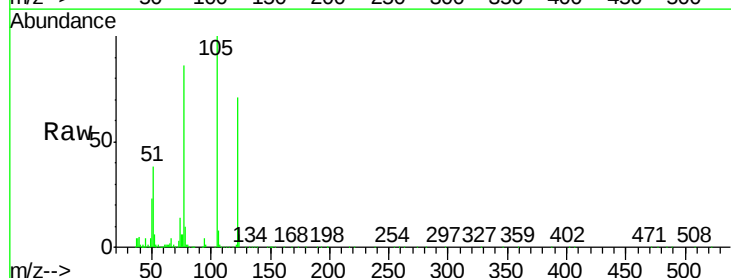
Tgt Ion:122 Resp: 282130

Ion Ratio Lower Upper

122 100

105 140.2 117.2 157.2

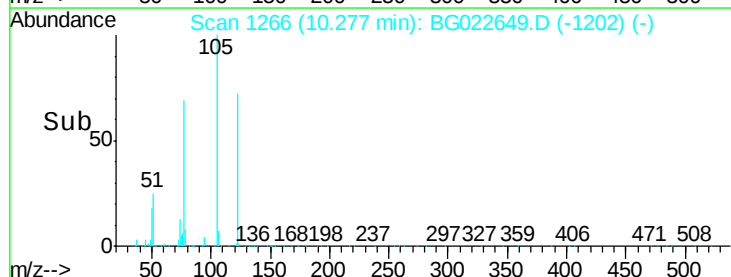
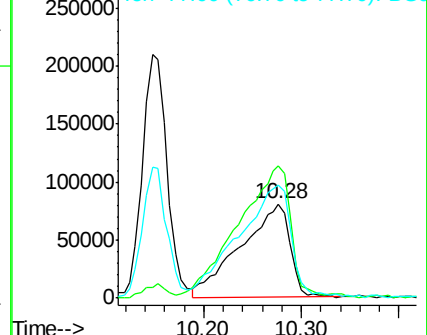
77 120.5 109.2 149.2

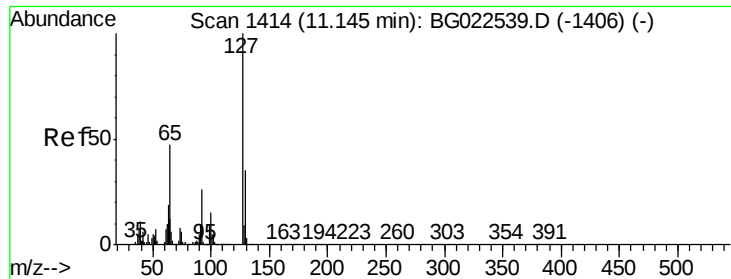


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

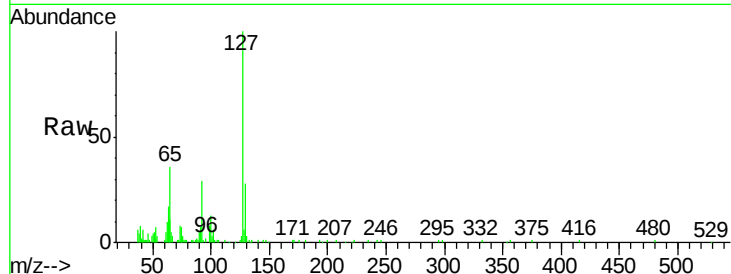




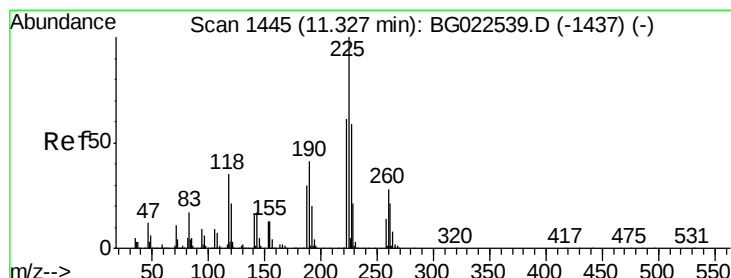
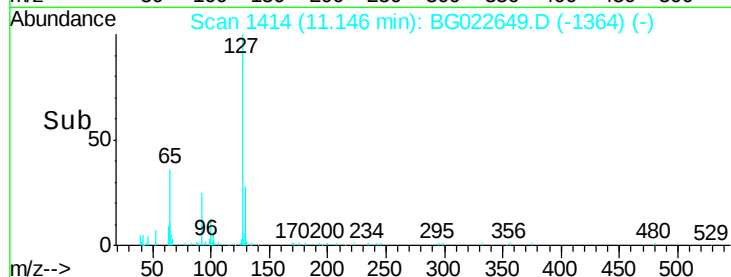
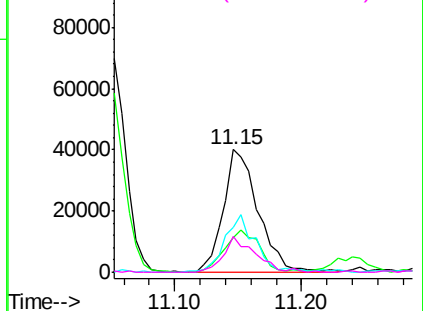
#33
4-Chloroaniline
Concen: 5.83 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB91595BS

Tgt Ion:	127	Resp:	76481
Ion	Ratio	Lower	Upper
127	100		
129	28.1	27.9	41.9
65	36.5	36.8	55.2#
92	29.0	21.0	31.6

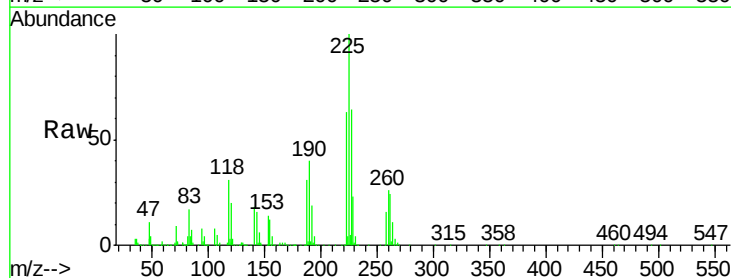


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

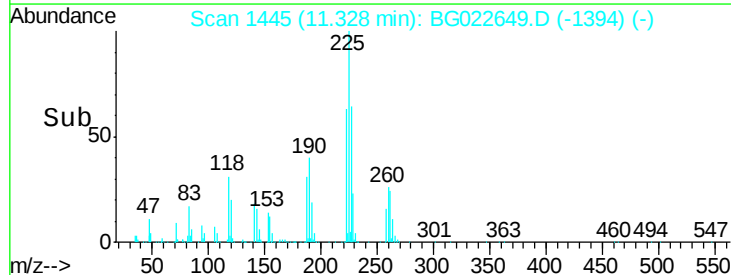
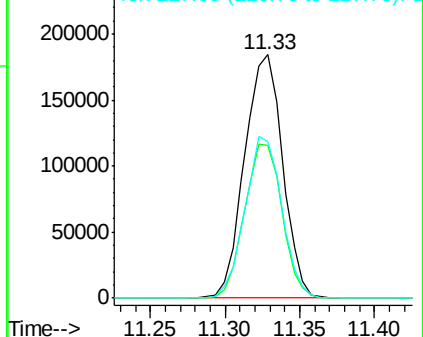


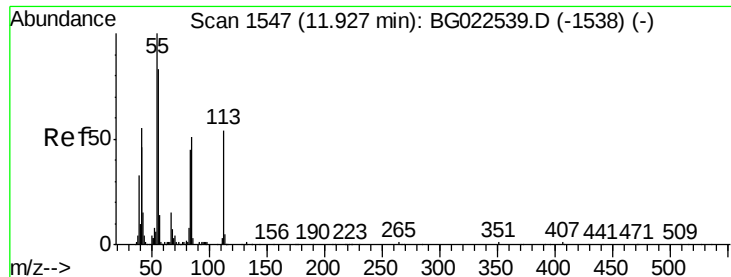
#34
Hexachlorobutadiene
Concen: 33.17 ng
RT: 11.33 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:	225	Resp:	324873
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.6	74.4
227	64.3	54.5	81.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.96 ng

RT: 11.93 min Scan# 1548

Delta R.T. 0.04 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

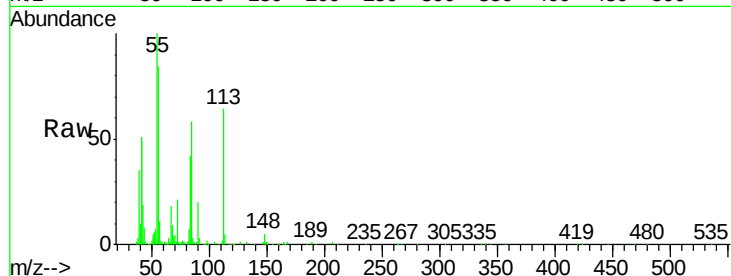
Tgt Ion:113 Resp: 100159

Ion Ratio Lower Upper

113 100

55 157.3 154.5 194.5

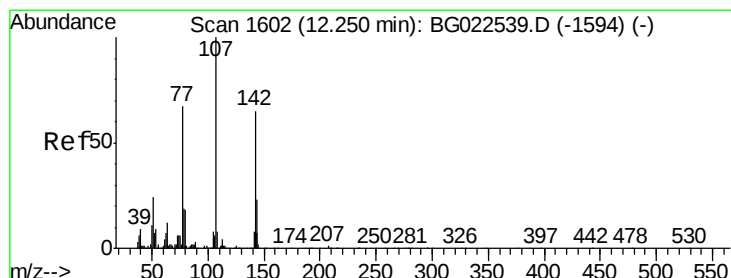
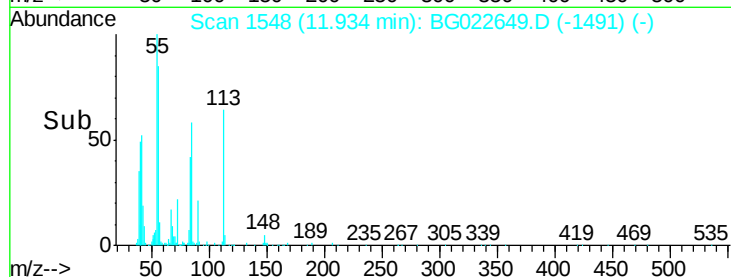
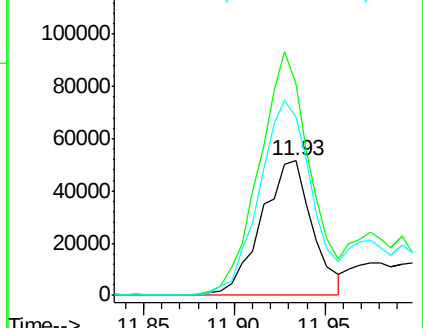
56 132.6 125.1 165.1



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: 39.27 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

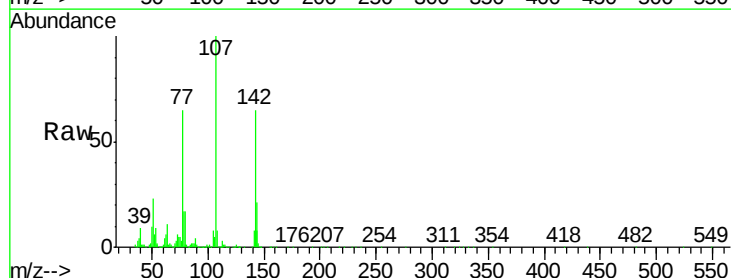
Tgt Ion:107 Resp: 511566

Ion Ratio Lower Upper

107 100

144 21.3 17.0 25.6

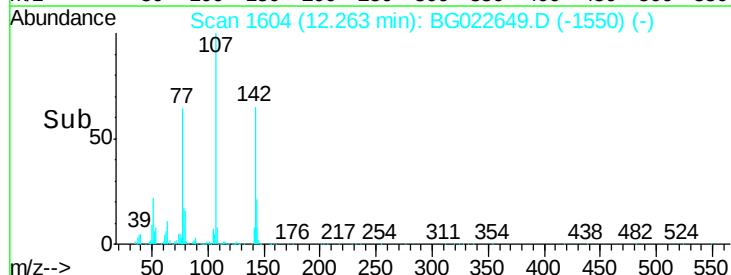
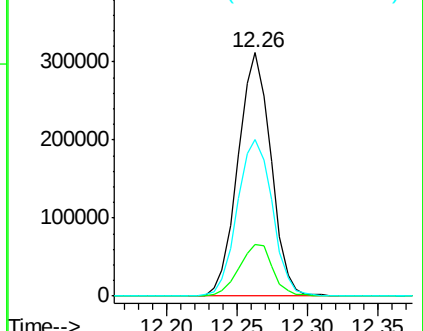
142 64.6 53.0 79.6

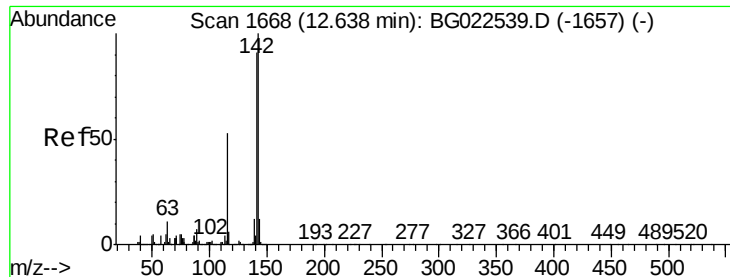


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

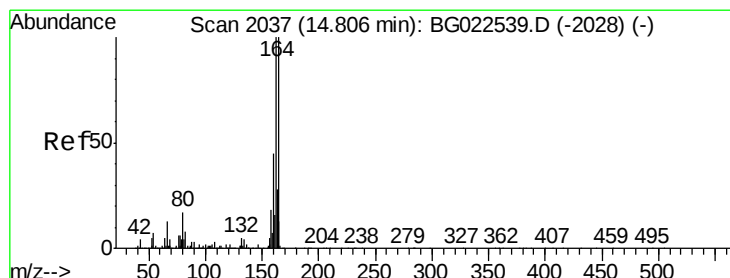
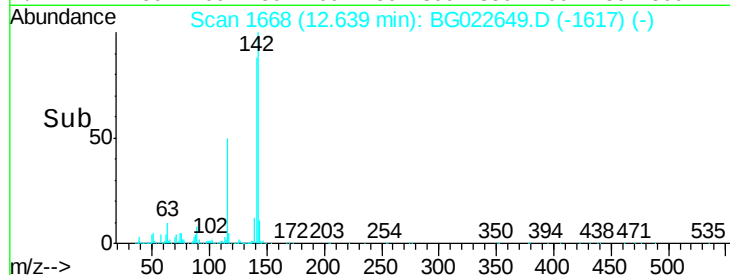
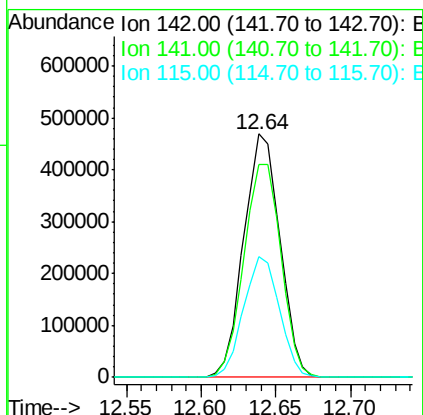
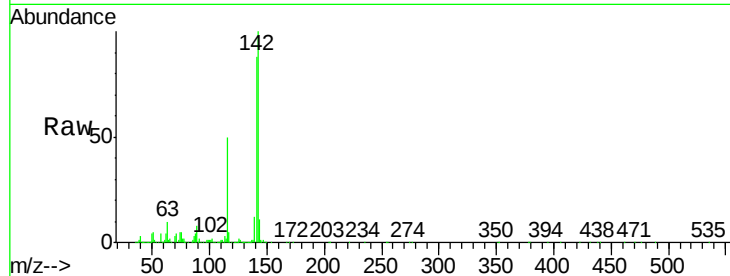




#37
2-Methylnaphthalene
Concen: 33.41 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

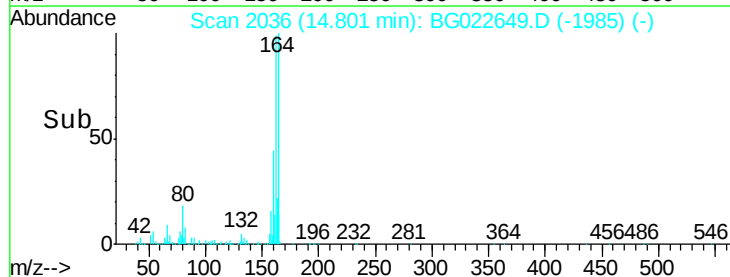
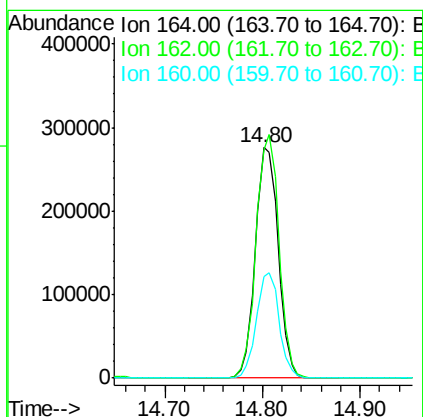
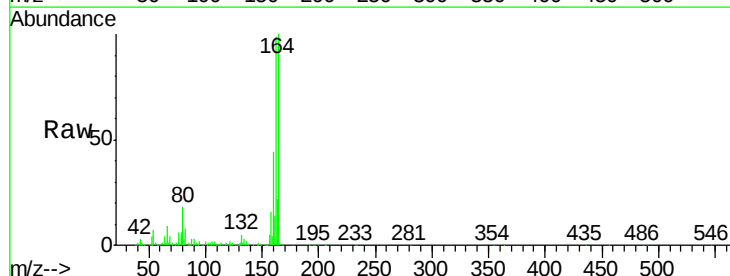
Instrument :
BNA_G
ClientSampleId :
PB91595BS

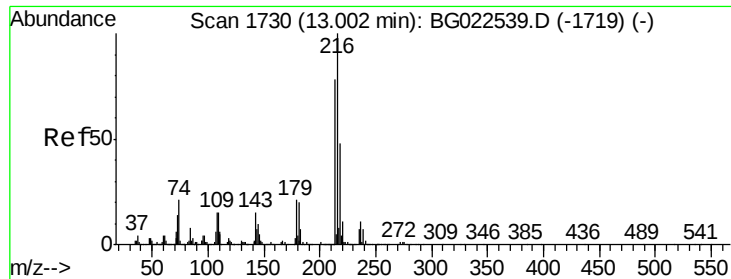
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.2
115	49.7	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.7	131.5
160	44.1	37.2	55.8

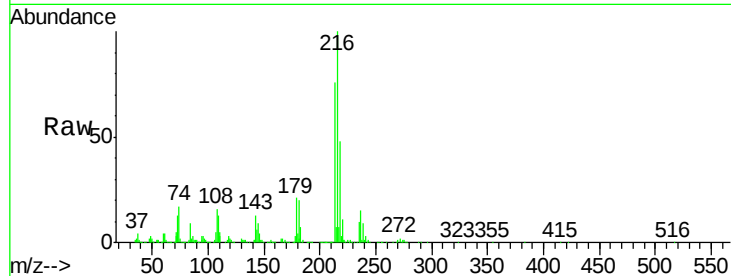




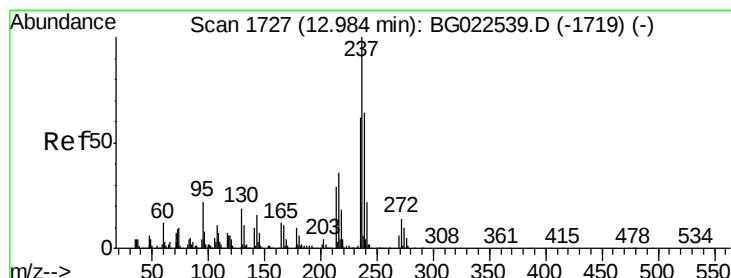
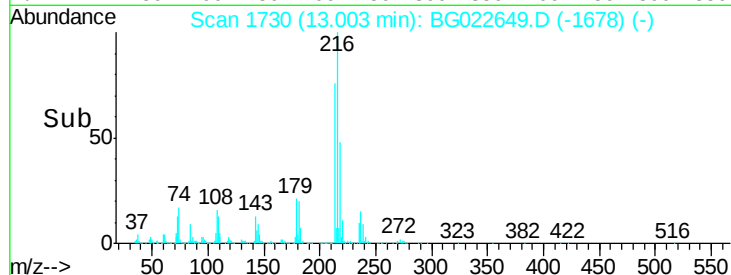
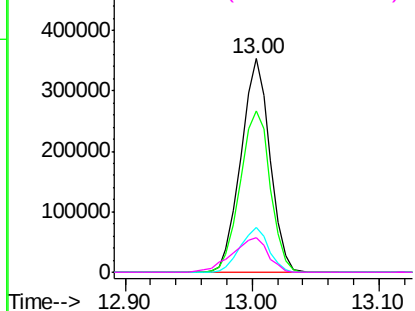
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.73 ng
 RT: 13.00 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Tgt Ion:	216	Resp:	558577
Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.9	94.3
179	20.6	17.2	25.8
108	20.1	16.3	24.5

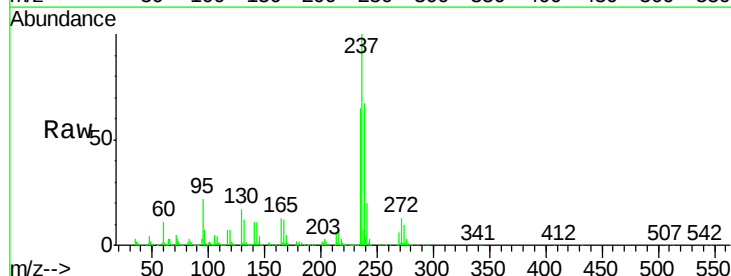


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

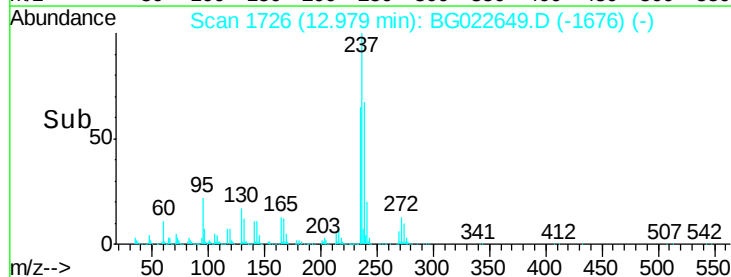
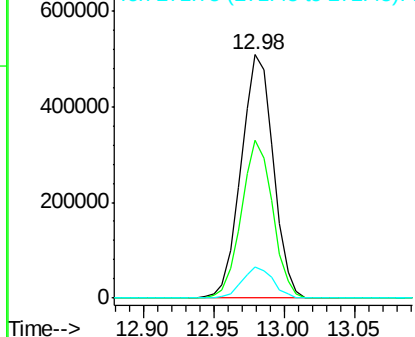


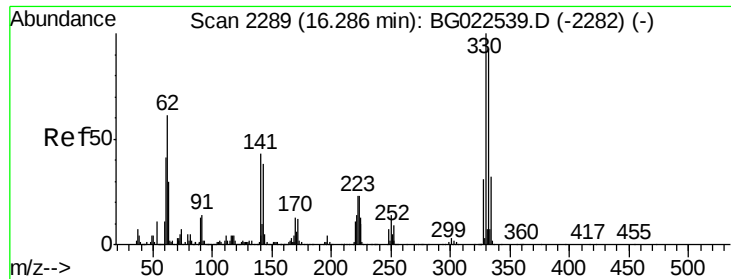
#40
 Hexachlorocyclopentadiene
 Concen: 59.36 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:	237	Resp:	808786
Ion	Ratio	Lower	Upper
237	100		
235	64.6	43.1	83.1
272	12.5	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

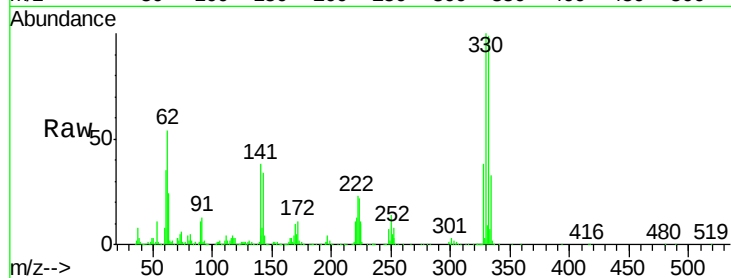




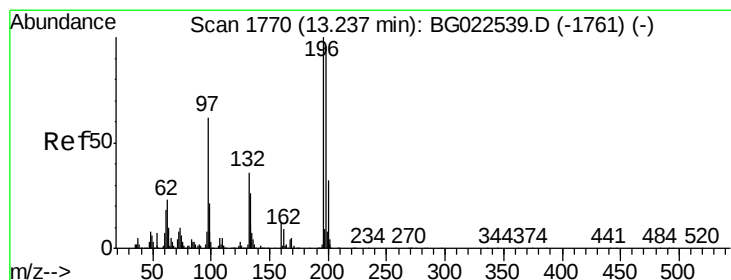
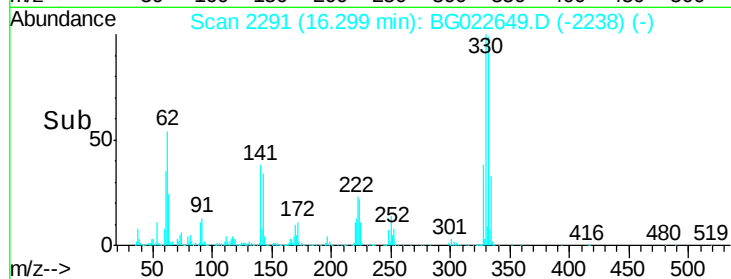
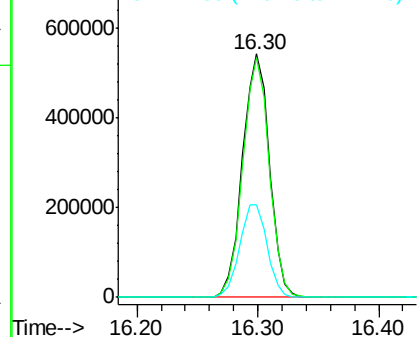
#41
 2,4,6-Tribromophenol
 Concen: 118.84 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

Tgt Ion:330 Resp: 845070
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 38.5 31.7 47.5

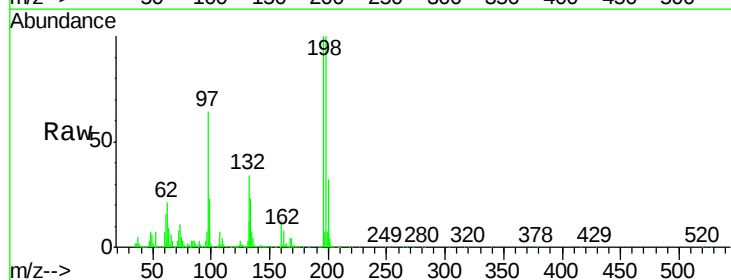


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

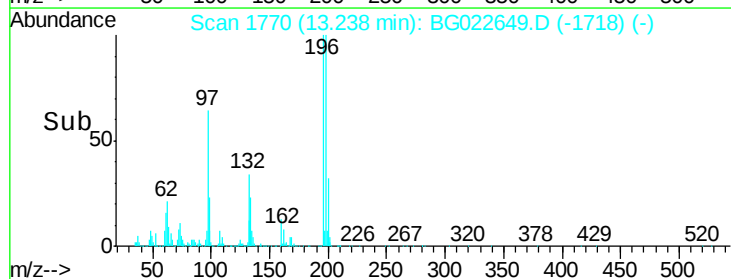
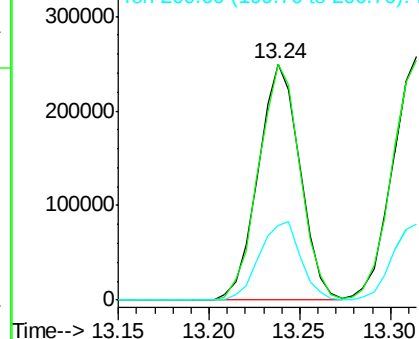


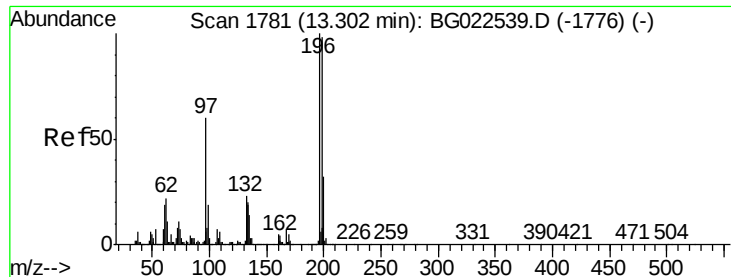
#42
 2,4,6-Trichlorophenol
 Concen: 36.35 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:196 Resp: 397895
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.2 117.2
 200 31.9 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

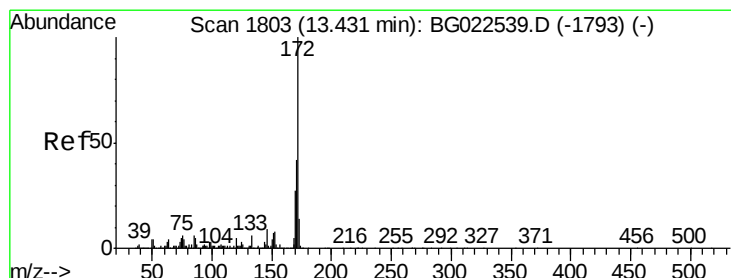
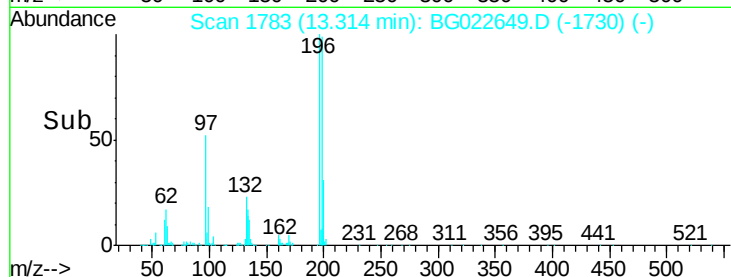
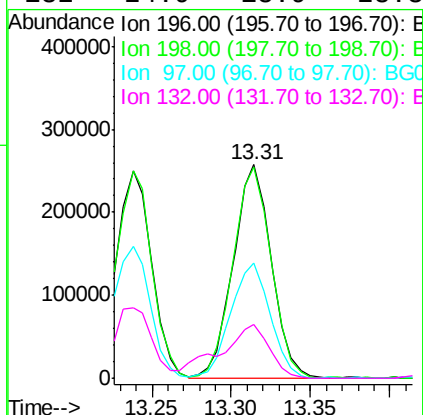
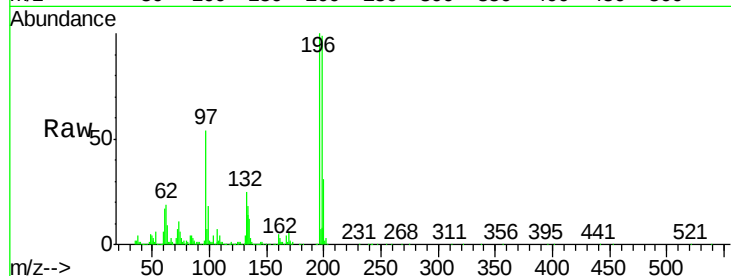




#43
 2,4,5-Trichlorophenol
 Concen: 37.42 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

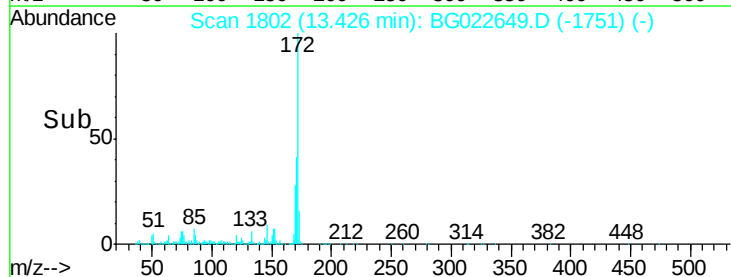
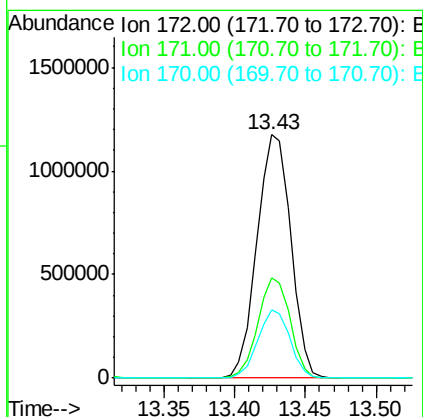
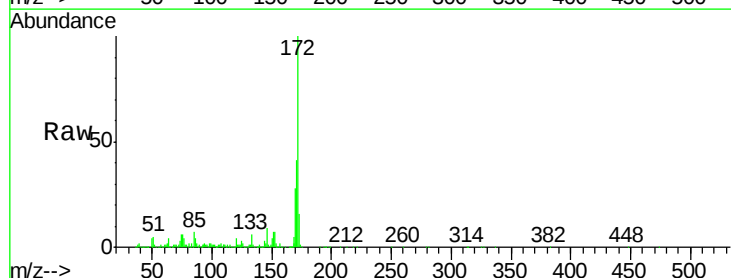
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

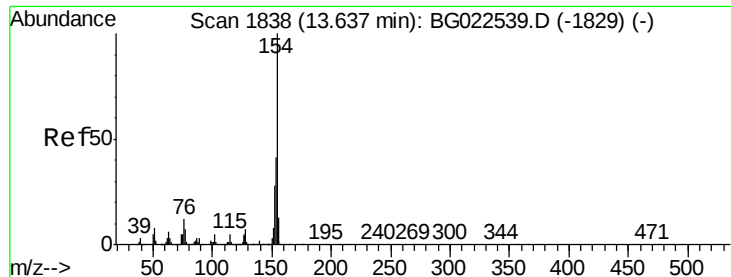
Tgt Ion:196 Resp: 428526
 Ion Ratio Lower Upper
 196 100
 198 98.7 85.7 128.5
 97 54.2 45.5 68.3
 132 24.9 18.9 28.3



#44
 2-Fluorobiphenyl
 Concen: 69.52 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:172 Resp: 1981924
 Ion Ratio Lower Upper
 172 100
 171 41.0 31.6 47.4
 170 27.8 21.3 31.9

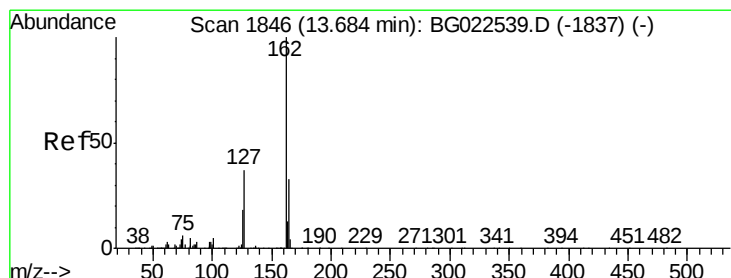
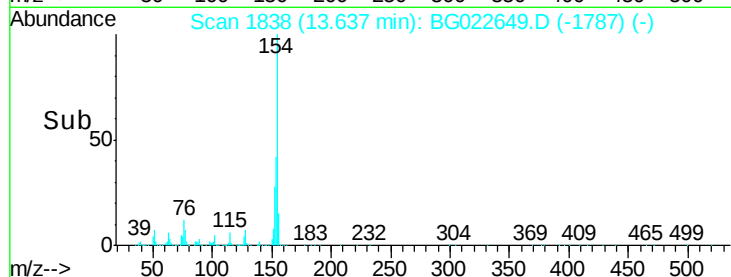
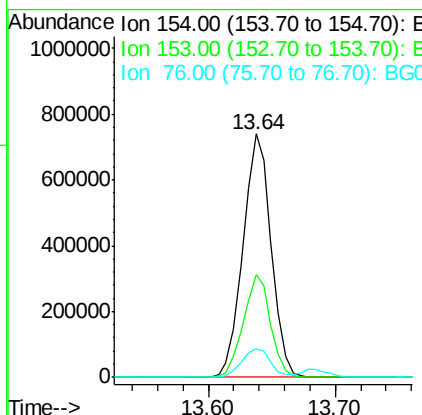
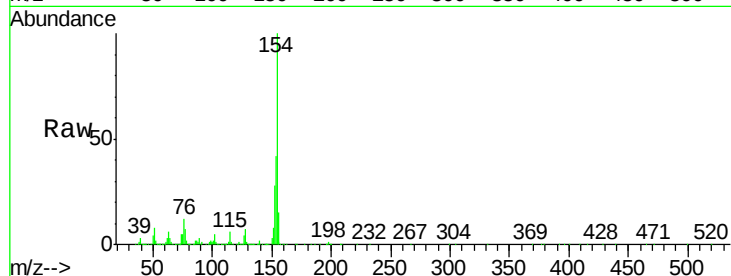




#45
 1,1'-Biphenyl
 Concen: 32.80 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

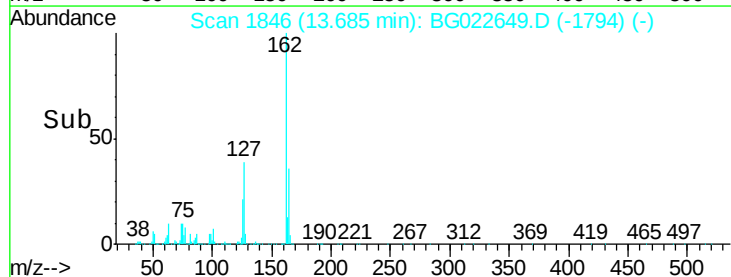
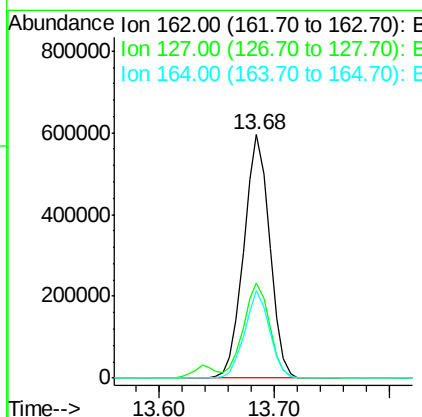
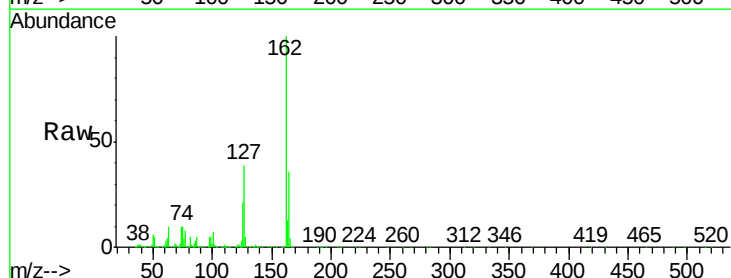
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

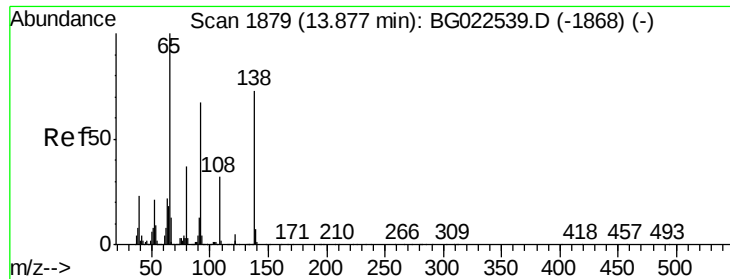
Tgt Ion:154 Resp: 1129576
 Ion Ratio Lower Upper
 154 100
 153 42.1 20.2 60.2
 76 12.0 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 32.66 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:162 Resp: 925471
 Ion Ratio Lower Upper
 162 100
 127 39.1 32.4 48.6
 164 35.9 25.2 37.8





#47

2-Nitroaniline

Concen: 36.30 ng

RT: 13.88 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

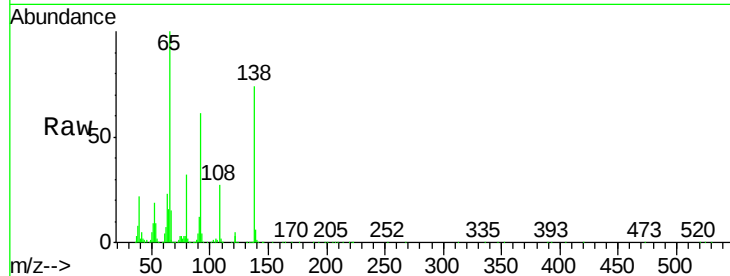
Tgt Ion: 65 Resp: 397101

Ion Ratio Lower Upper

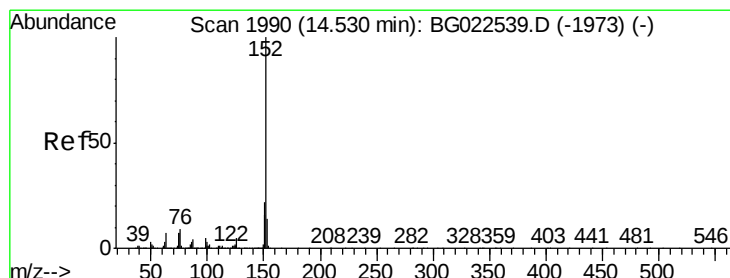
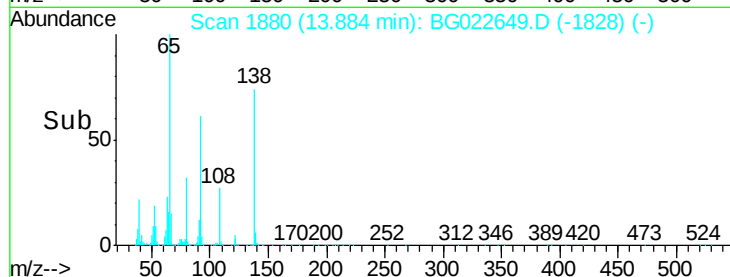
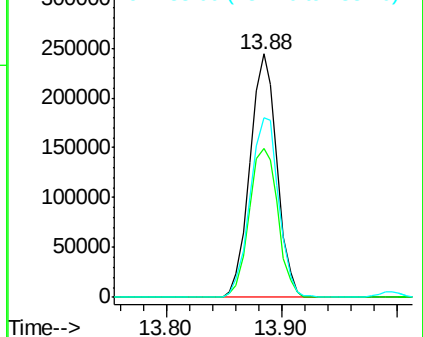
65 100

92 61.0 49.4 74.0

138 73.7 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 34.00 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

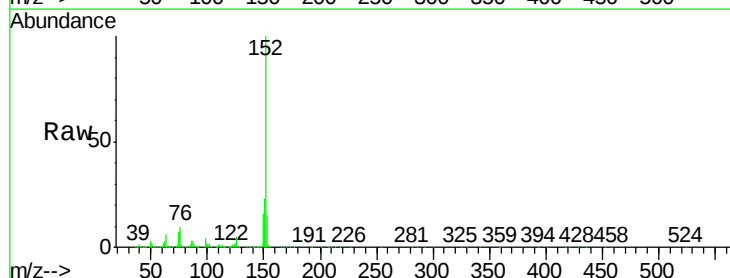
Tgt Ion: 152 Resp: 1397377

Ion Ratio Lower Upper

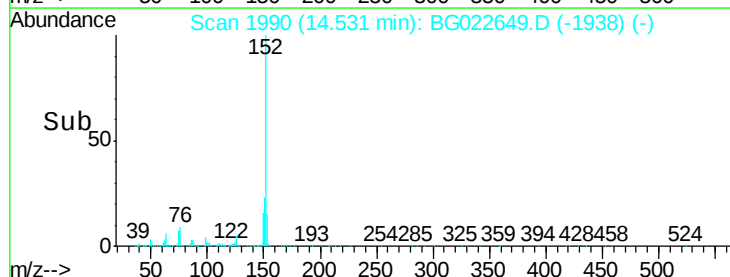
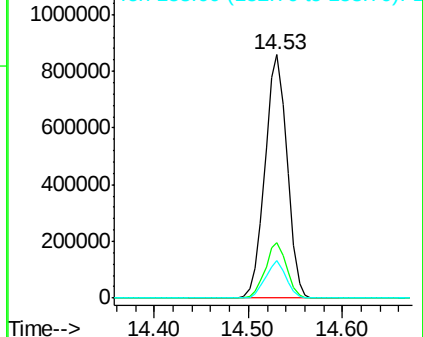
152 100

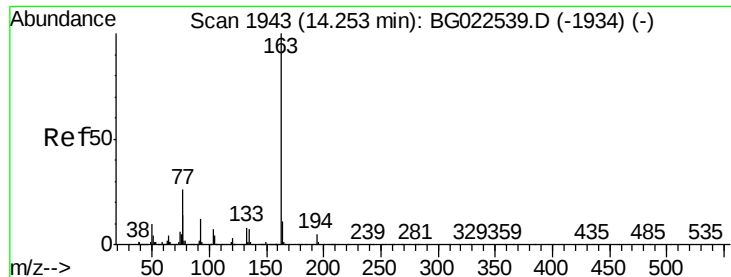
151 22.9 17.6 26.4

153 15.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 34.35 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

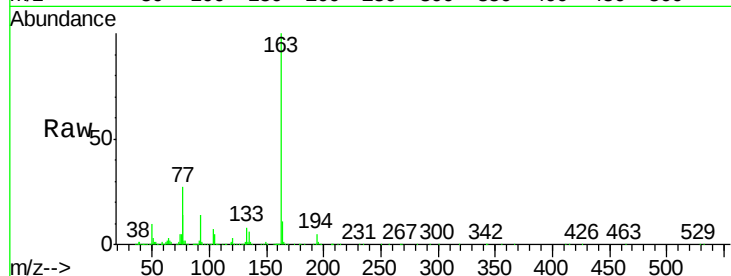
Tgt Ion:163 Resp: 1288382

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

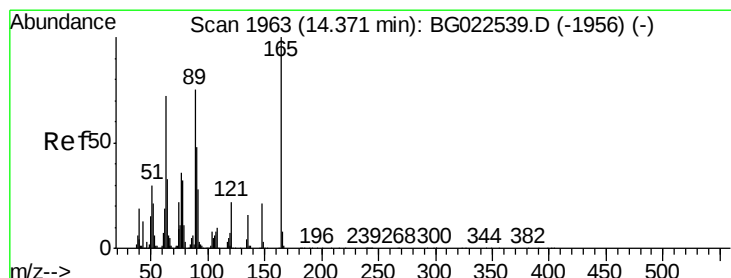
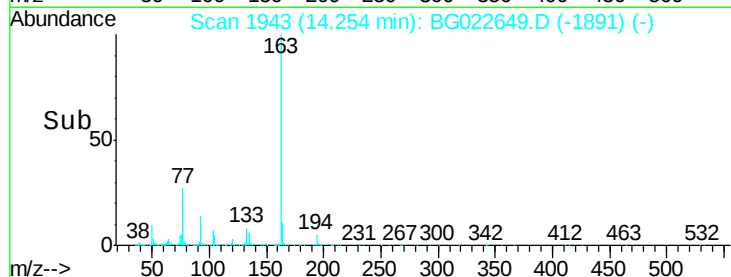
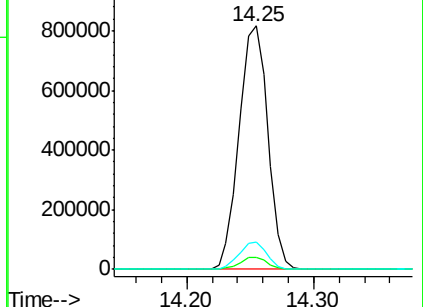
164 11.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.92 ng

RT: 14.37 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

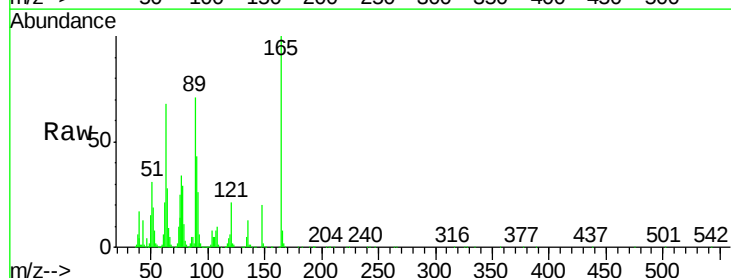
Tgt Ion:165 Resp: 300856

Ion Ratio Lower Upper

165 100

63 68.4 64.3 96.5

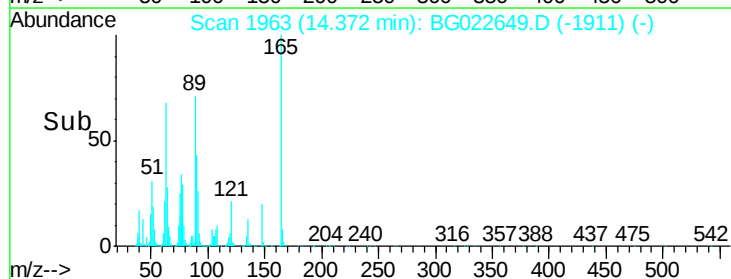
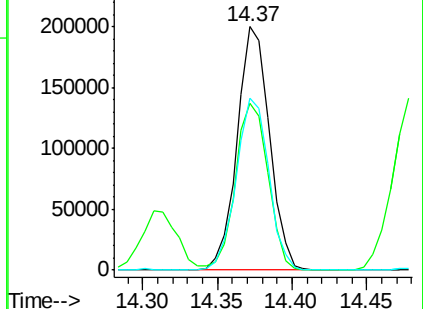
89 70.6 64.3 96.5

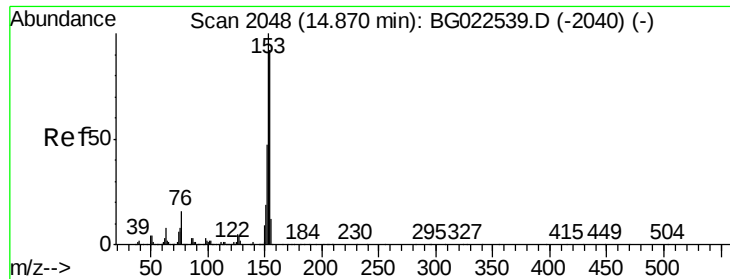


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 30.90 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

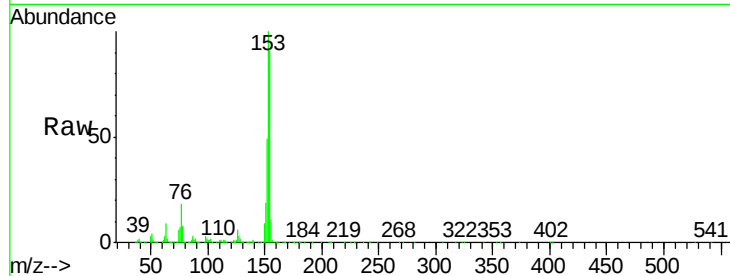
Tgt Ion:154 Resp: 935782

Ion Ratio Lower Upper

154 100

153 109.3 87.5 131.3

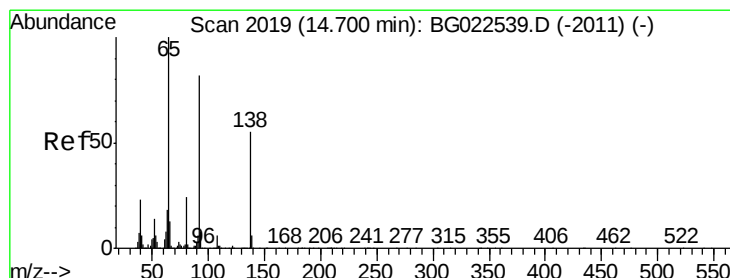
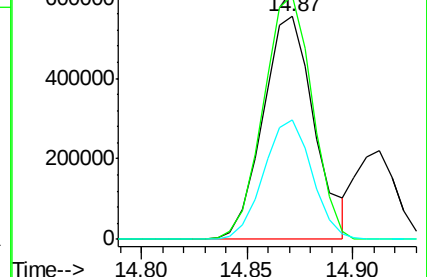
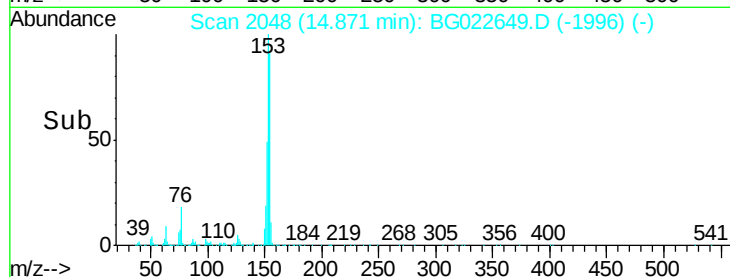
152 53.6 42.7 64.1



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: 22.03 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

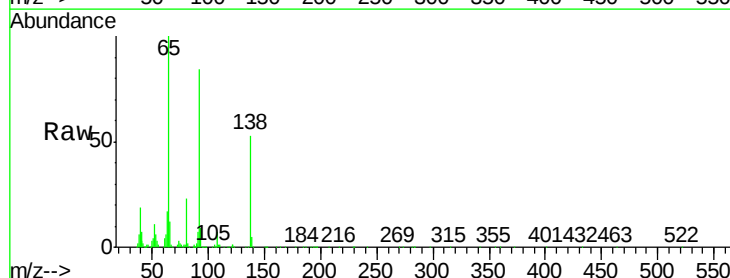
Tgt Ion:138 Resp: 168029

Ion Ratio Lower Upper

138 100

108 13.7 11.7 17.5

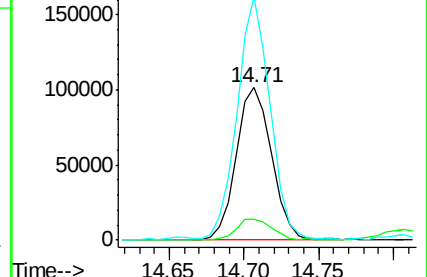
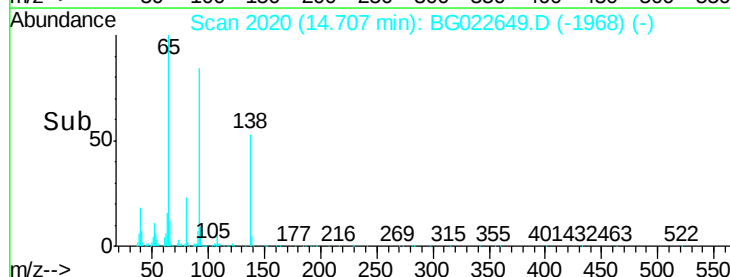
92 159.9 129.7 194.5

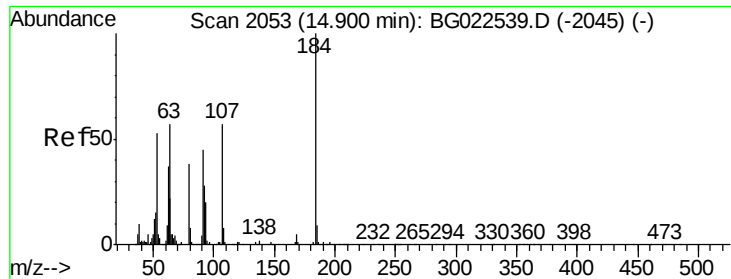


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 87.24 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

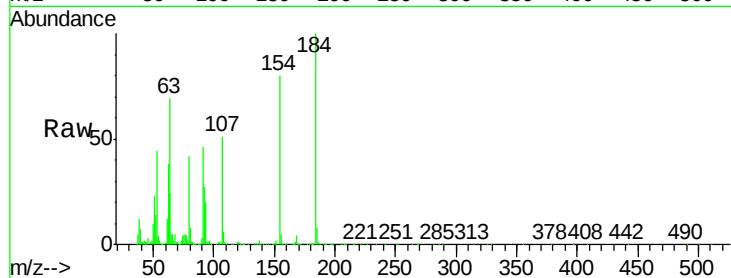
Tgt Ion:184 Resp: 437920

Ion Ratio Lower Upper

184 100

63 68.7 59.6 89.4

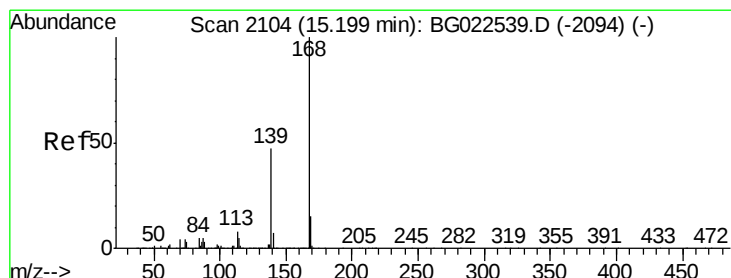
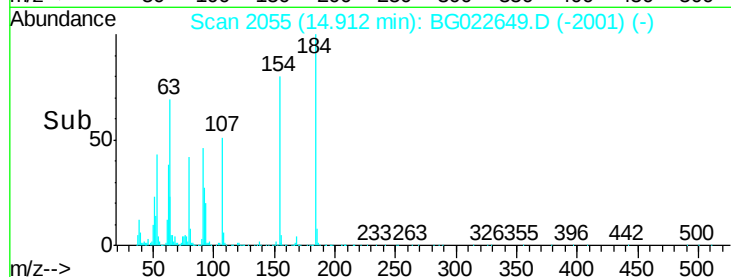
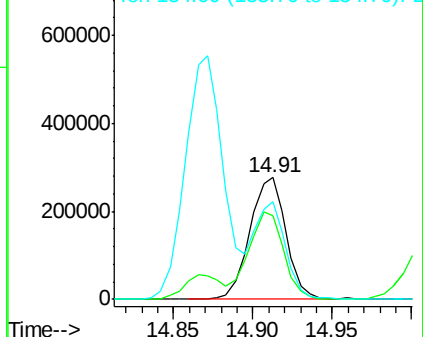
154 80.0 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG022539.D (-2045) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 33.64 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

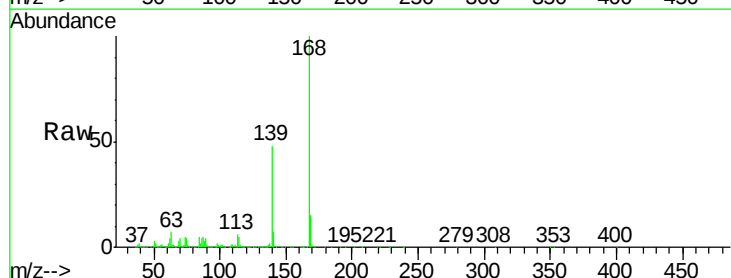
Tgt Ion:168 Resp: 1475285

Ion Ratio Lower Upper

168 100

139 47.8 36.4 54.6

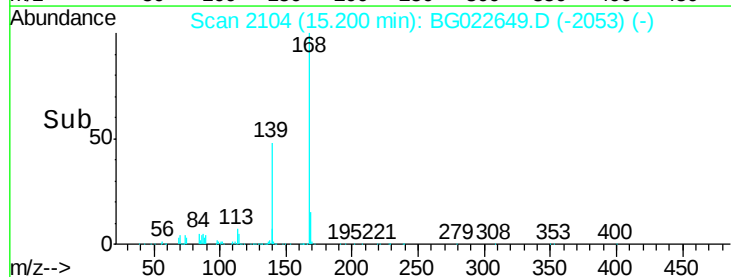
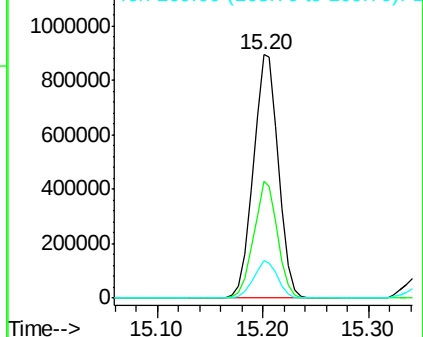
169 15.5 11.9 17.9

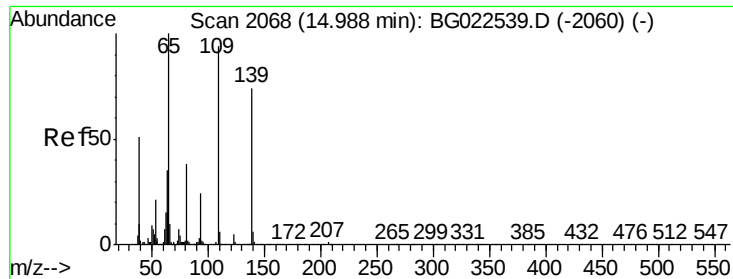


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

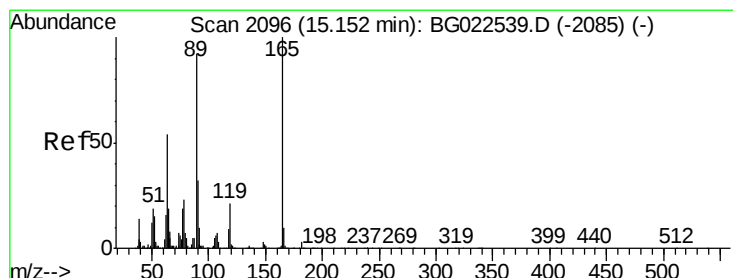
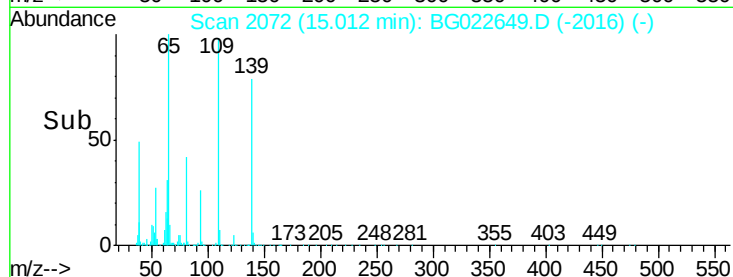
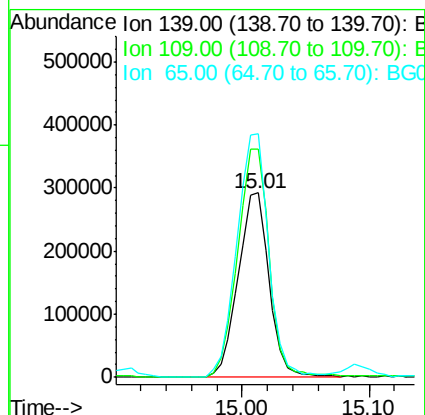
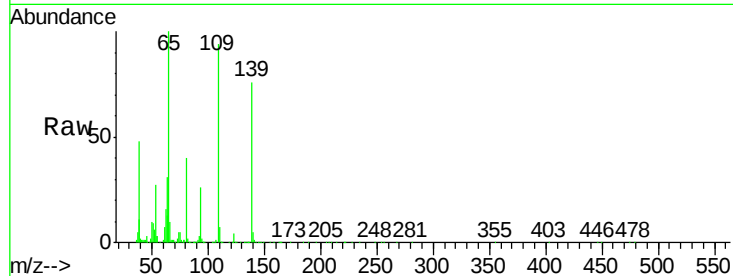




#55
4-Nitrophenol
Concen: 76.82 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.03 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

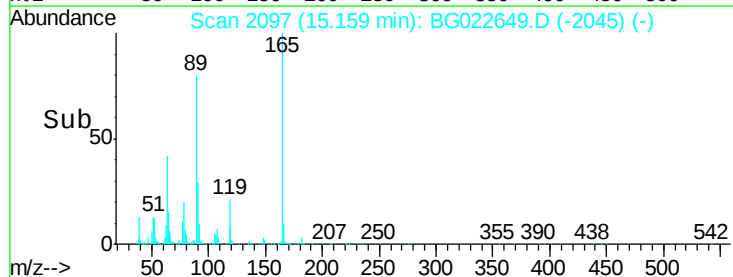
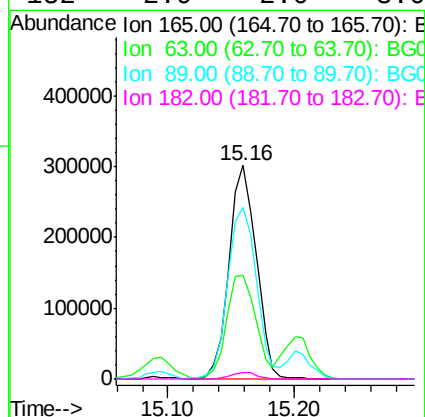
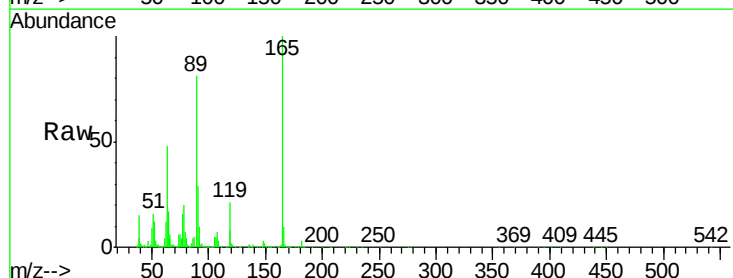
Instrument :
BNA_G
ClientSampleId :
PB91595BS

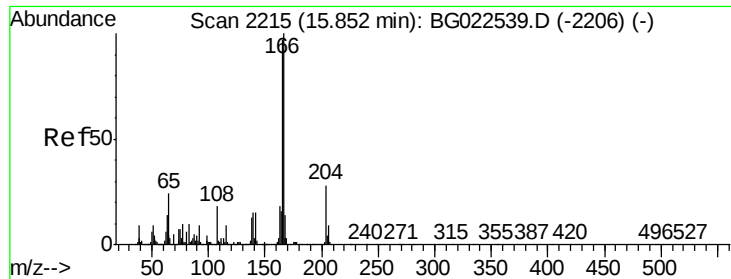
Tgt Ion:139 Resp: 495351
Ion Ratio Lower Upper
139 100
109 123.4 103.0 143.0
65 131.9 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 39.62 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:165 Resp: 447304
Ion Ratio Lower Upper
165 100
63 48.5 45.8 68.6
89 80.6 68.6 102.8
182 2.9 2.0 3.0





#57

Fluorene

Concen: 34.81 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

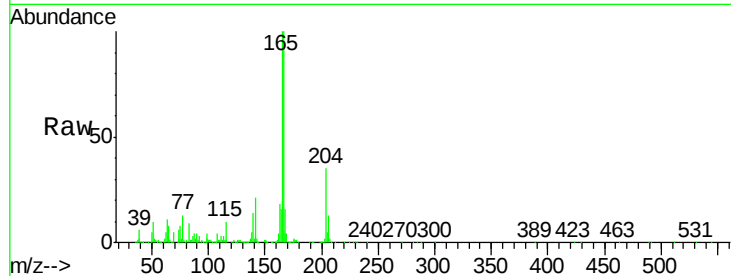
Tgt Ion:166 Resp: 1218085

Ion Ratio Lower Upper

166 100

165 100.3 81.0 121.6

167 16.0 12.0 18.0

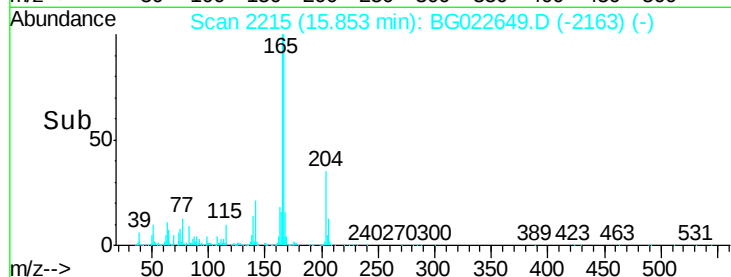


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

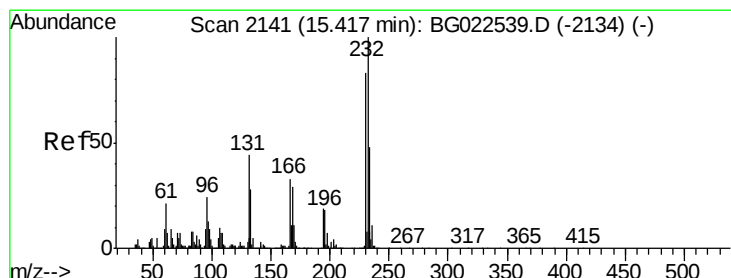
Ion 167.00 (166.70 to 167.70): E

Time-->



15.85

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.51 ng

RT: 15.42 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Tgt Ion:232 Resp: 457236

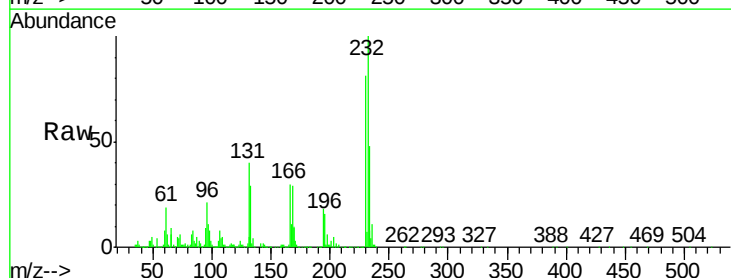
Ion Ratio Lower Upper

232 100

131 39.5 32.7 49.1

130 2.4 2.6 3.8#

166 30.0 23.0 34.6



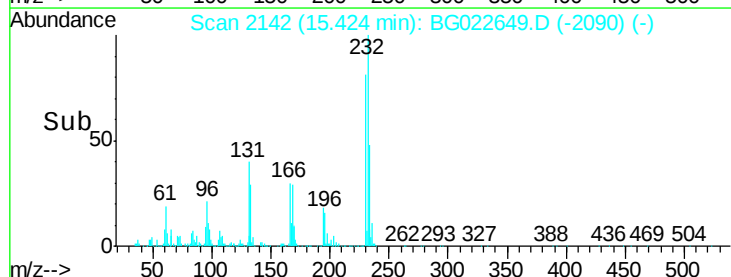
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

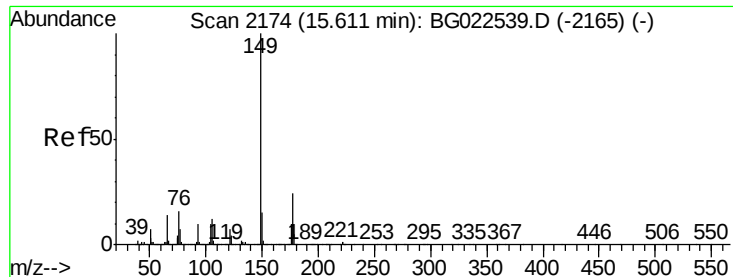
Ion 166.00 (165.70 to 166.70): E

Time-->



15.42

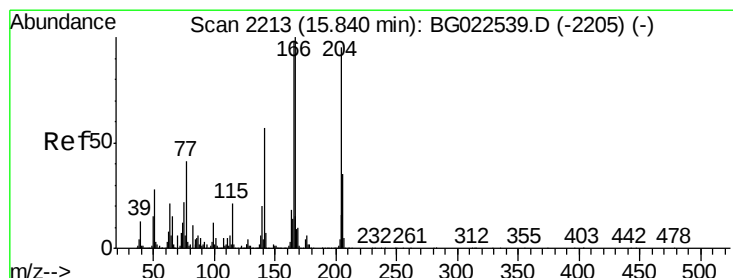
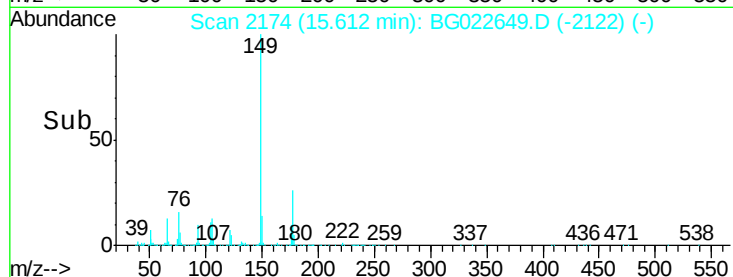
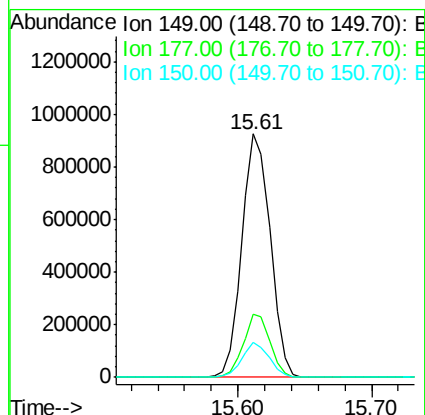
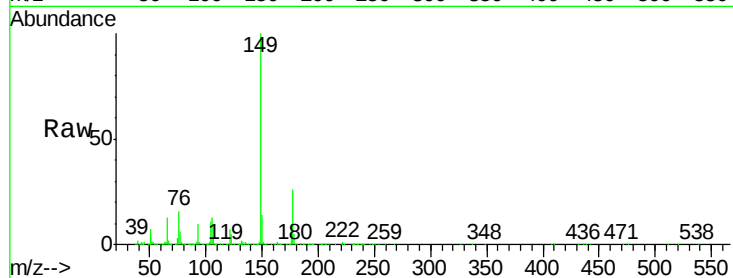
Time-->



#59
Diethylphthalate
Concen: 35.09 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

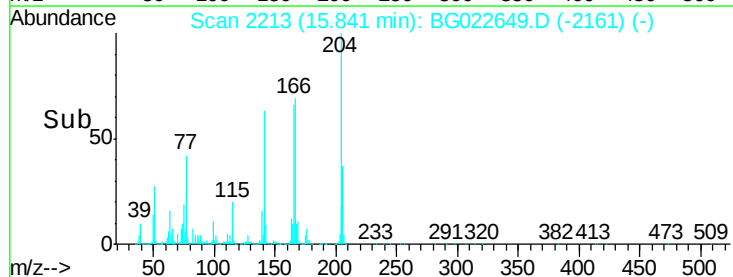
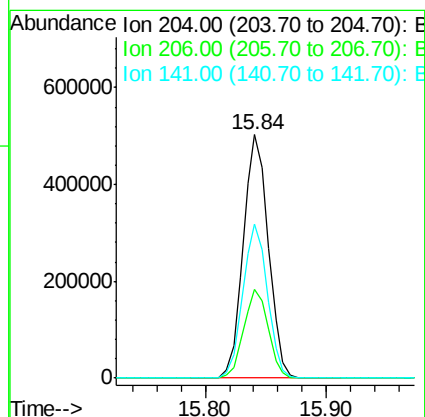
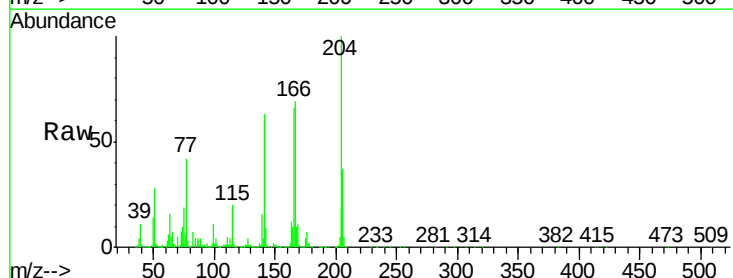
Instrument :
BNA_G
ClientSampleId :
PB91595BS

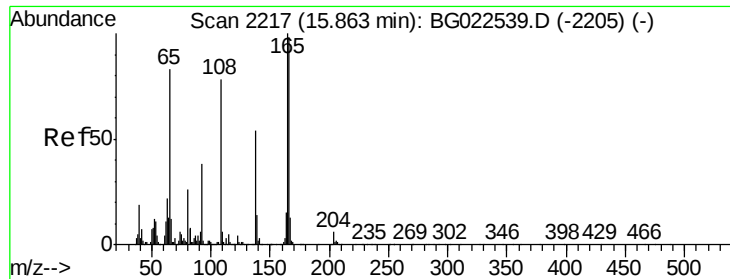
Tgt Ion:149 Resp: 1353188
Ion Ratio Lower Upper
149 100
177 26.0 19.2 28.8
150 14.3 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 34.89 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:204 Resp: 727064
Ion Ratio Lower Upper
204 100
206 36.5 28.5 42.7
141 63.1 51.4 77.0

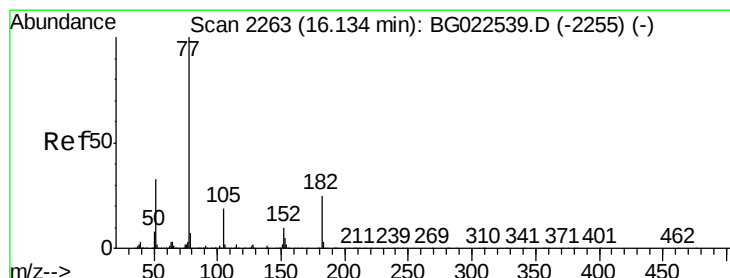
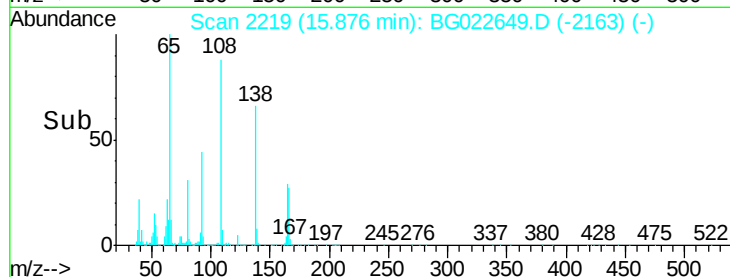
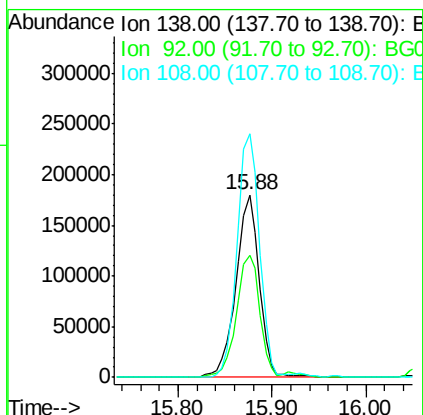
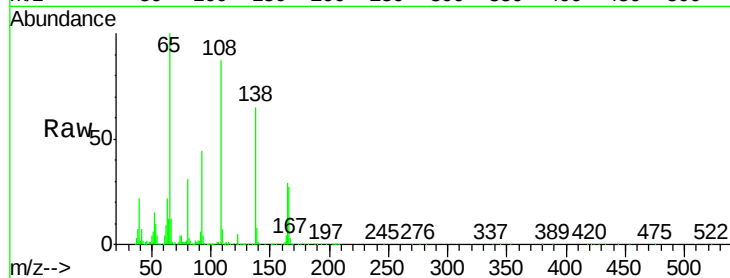




#61
4-Nitroaniline
Concen: 39.42 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.03 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

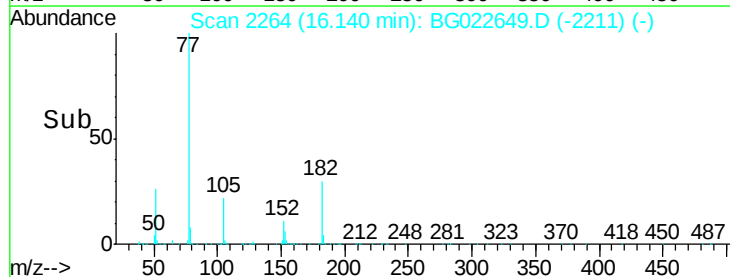
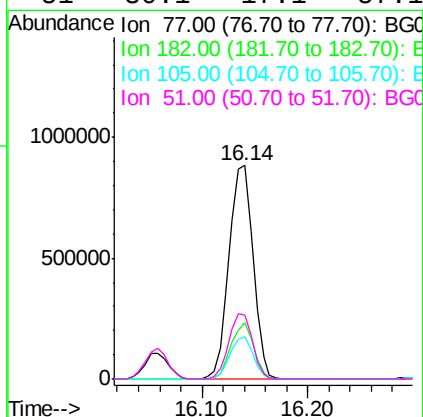
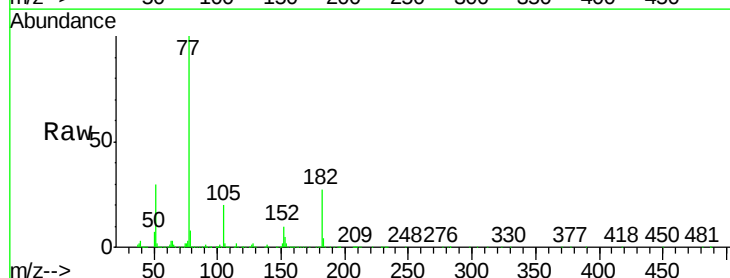
Instrument :
BNA_G
ClientSampleId :
PB91595BS

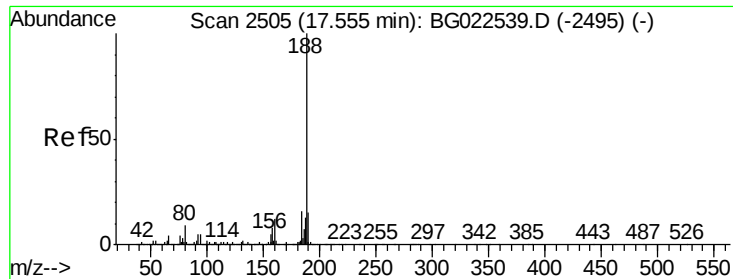
Tgt Ion:138 Resp: 310205
Ion Ratio Lower Upper
138 100
92 66.8 54.1 94.1
108 133.5 133.9 173.9#



#62
Azobenzene
Concen: 33.25 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion: 77 Resp: 1388350
Ion Ratio Lower Upper
77 100
182 26.7 3.5 43.5
105 19.8 0.0 38.5
51 30.1 17.1 57.1

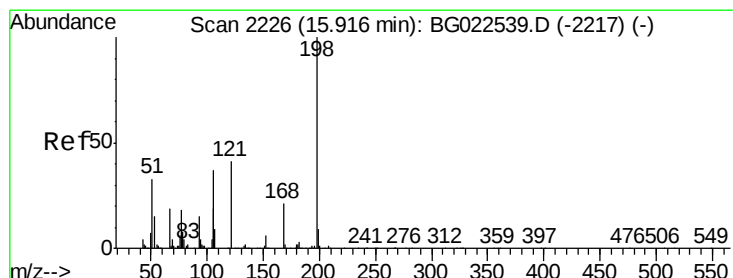
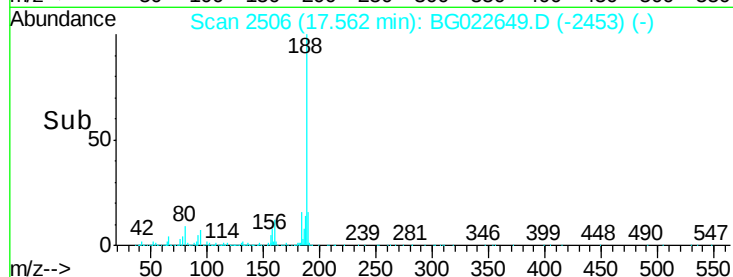
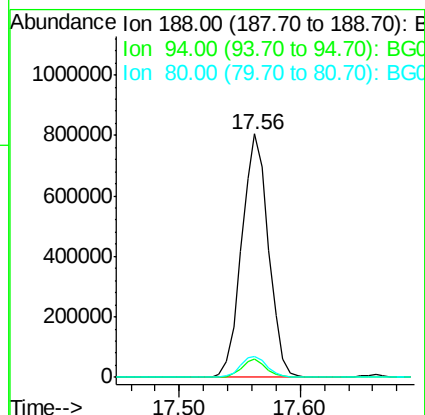
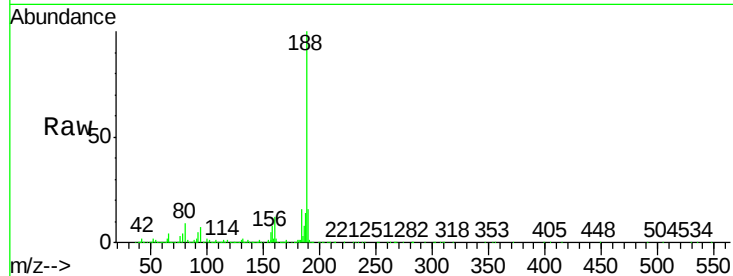




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

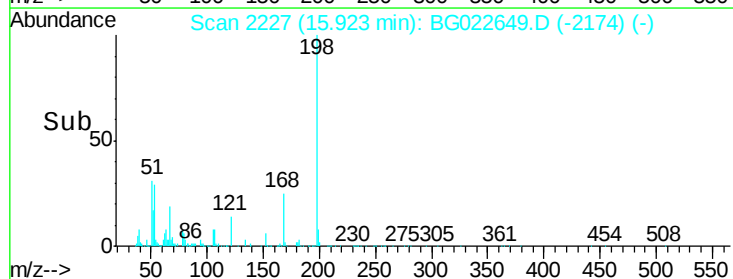
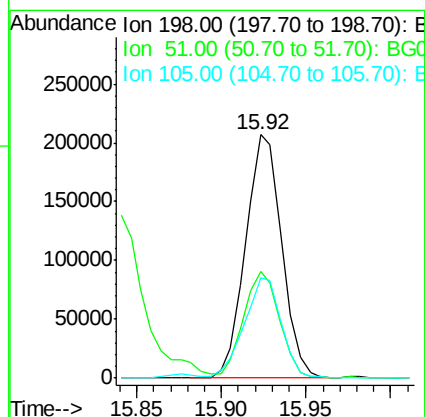
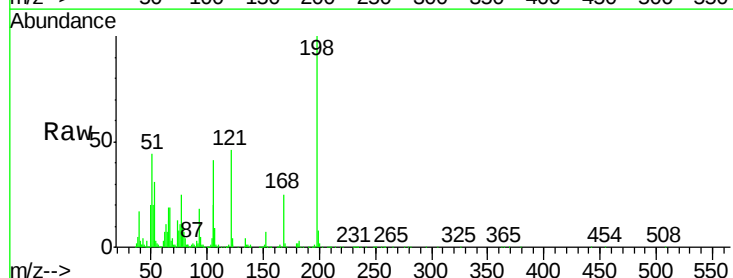
Instrument :
BNA_G
ClientSampleId :
PB91595BS

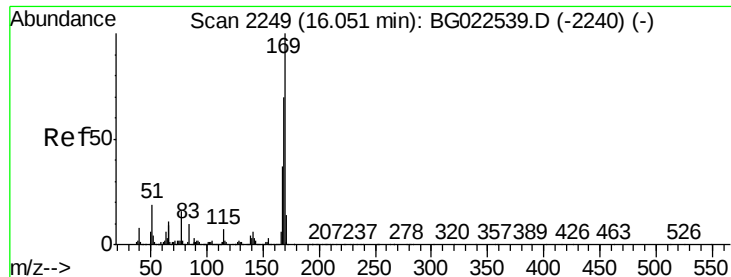
Tgt Ion:188 Resp: 1237567
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 8.7 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.13 ng
RT: 15.92 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:198 Resp: 308132
Ion Ratio Lower Upper
198 100
51 43.9 26.0 66.0
105 41.4 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 33.13 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

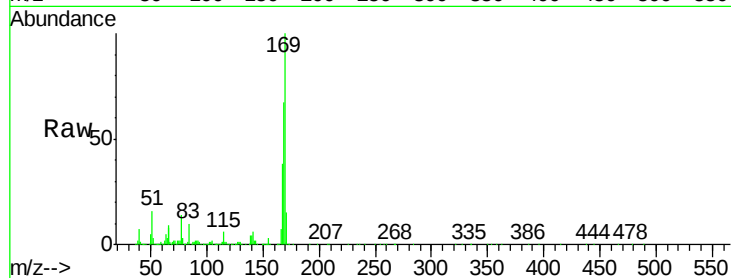
BNA_G

ClientSampleId :

PB91595BS

Tgt Ion:169 Resp: 1193290

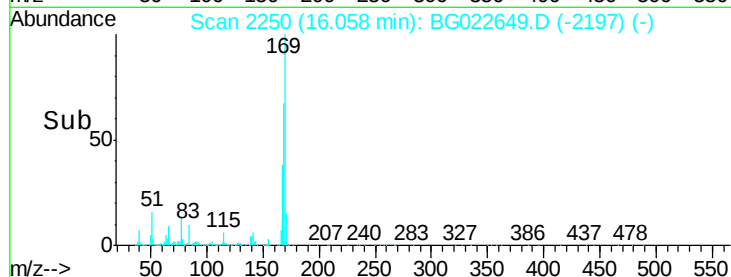
Ion	Ratio	Lower	Upper
169	100		
168	67.2	55.0	82.4
167	37.9	27.4	41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

16.06

800000

600000

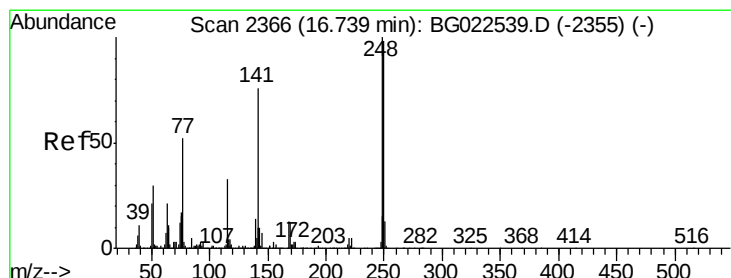
400000

200000

0

16.00

16.10



#66

4-Bromophenyl-phenylether

Concen: 32.98 ng

RT: 16.74 min Scan# 2366

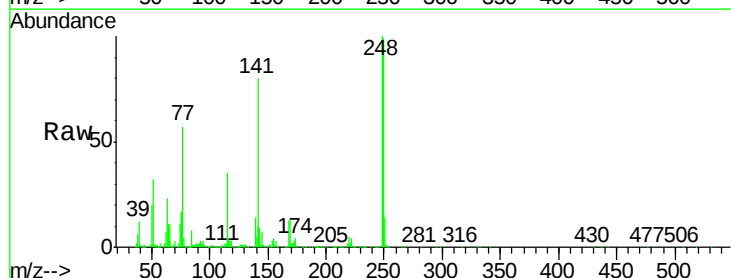
Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Tgt Ion:248 Resp: 529496

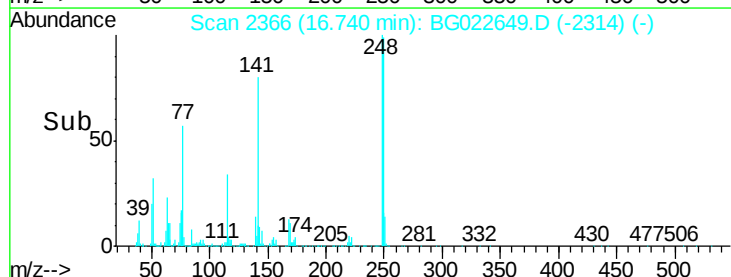
Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.8	116.8
141	80.1	65.7	98.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

16.74

500000

400000

300000

200000

100000

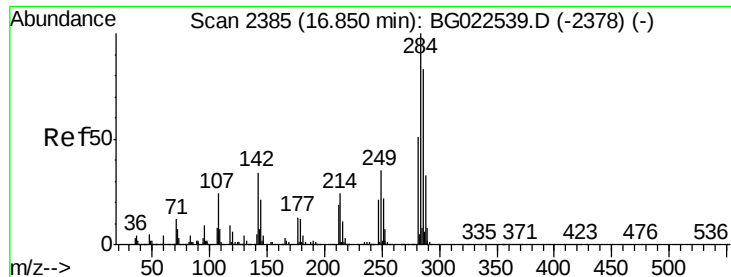
0

16.65

16.70

16.75

16.80



#67

Hexachlorobenzene

Concen: 32.82 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

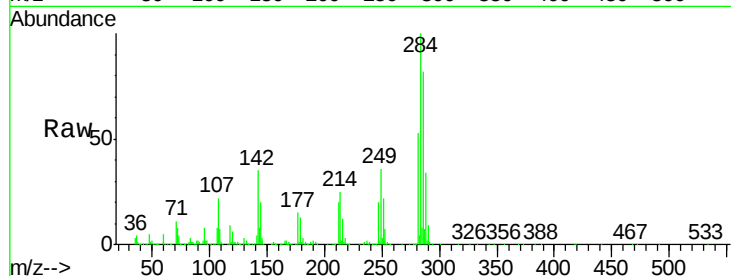
Tgt Ion:284 Resp: 557122

Ion Ratio Lower Upper

284 100

142 34.9 26.8 40.2

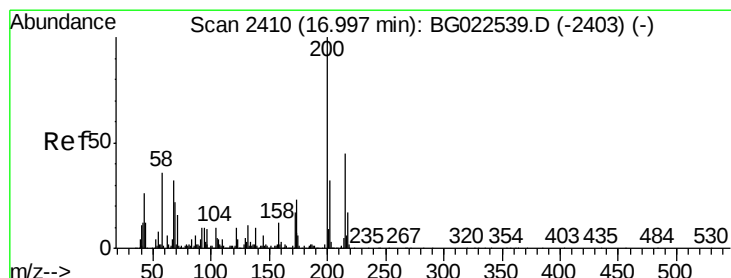
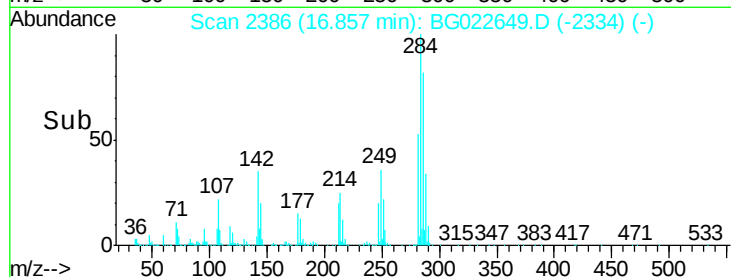
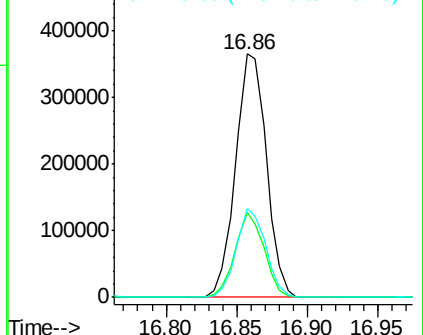
249 36.3 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.07 ng

RT: 17.01 min Scan# 2412

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

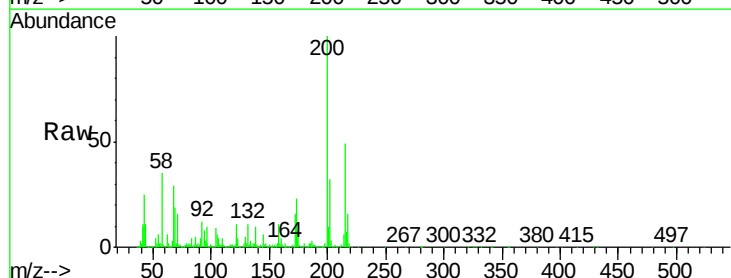
Tgt Ion:200 Resp: 533197

Ion Ratio Lower Upper

200 100

173 22.5 1.6 41.6

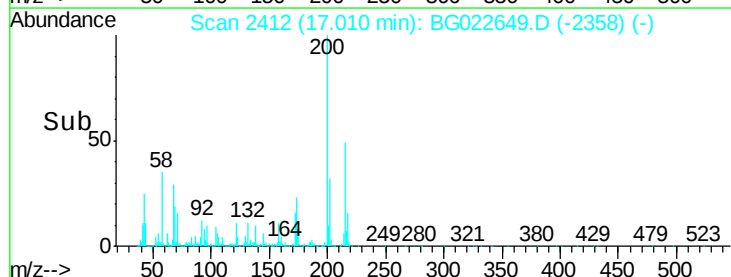
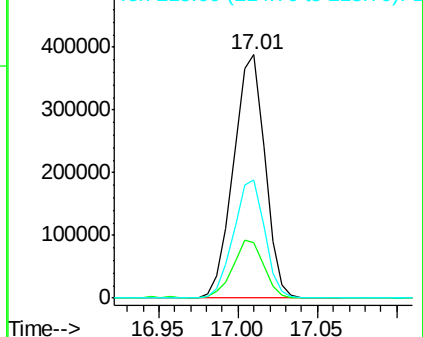
215 48.7 28.7 68.7

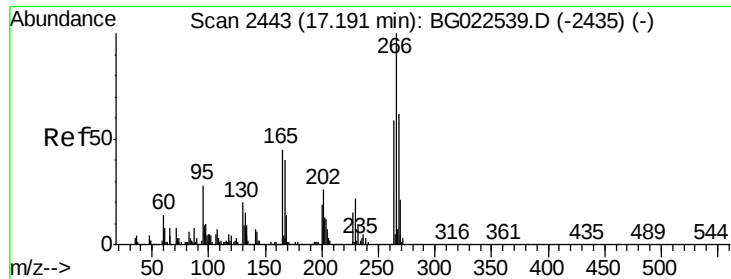


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

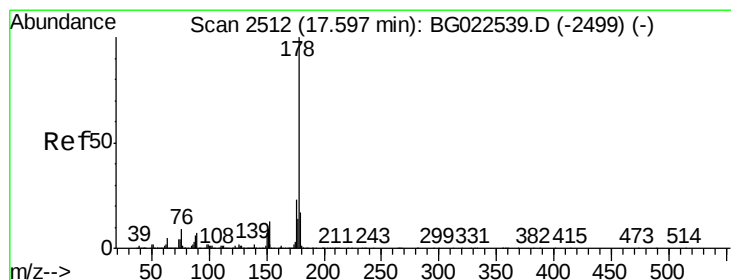
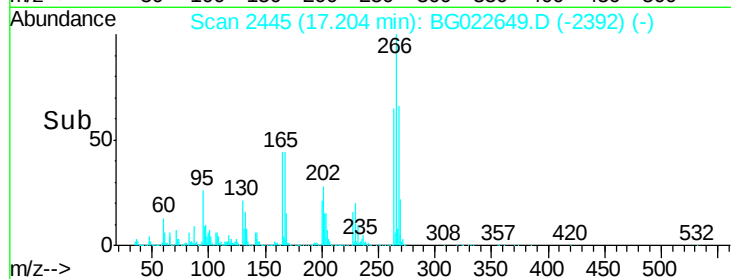
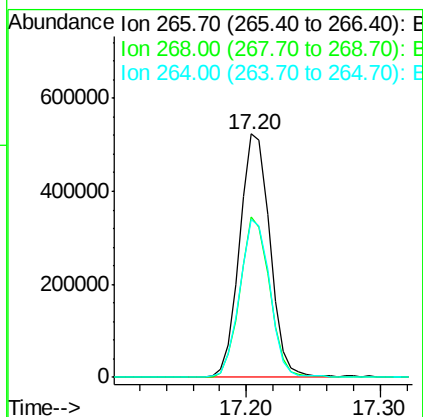
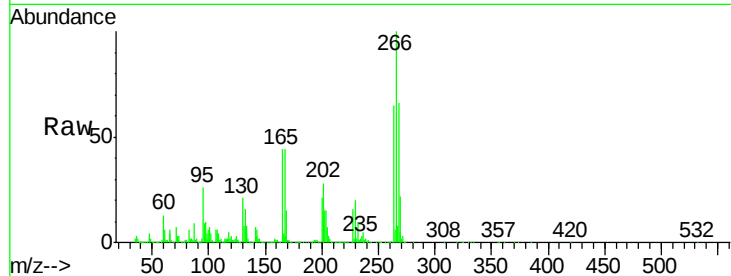




#69
 Pentachlorophenol
 Concen: 70.33 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

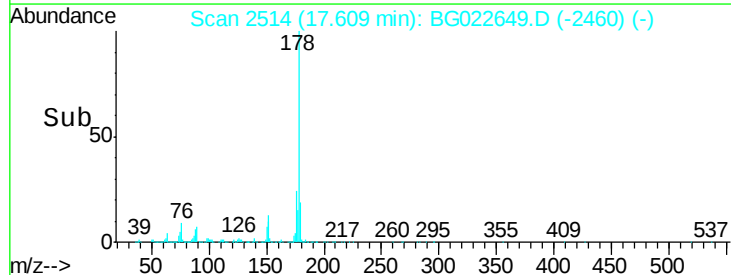
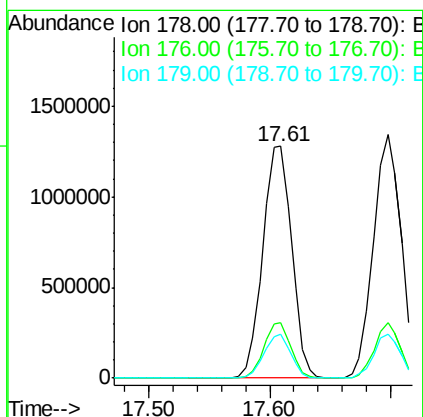
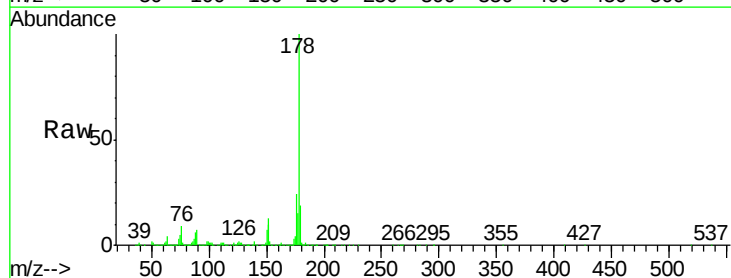
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

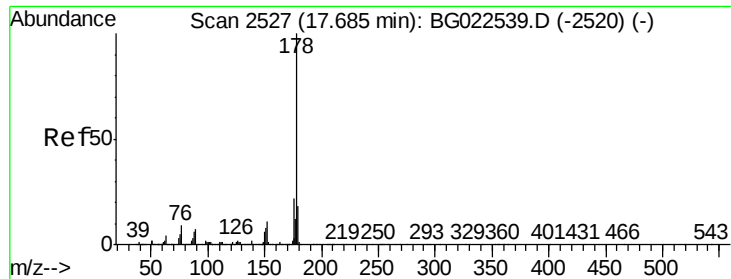
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.9	77.9
264	65.0	50.6	75.8



#70
 Phenanthrene
 Concen: 33.48 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. 0.02 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.7	16.8	25.2
179	19.0	14.3	21.5

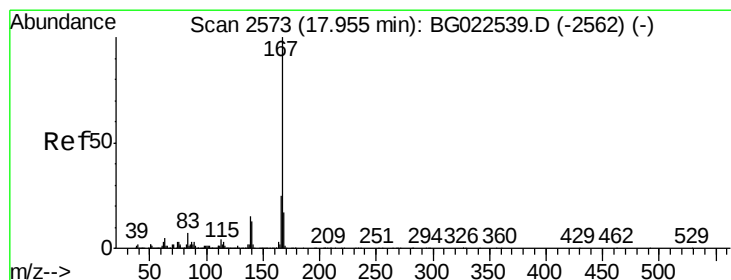
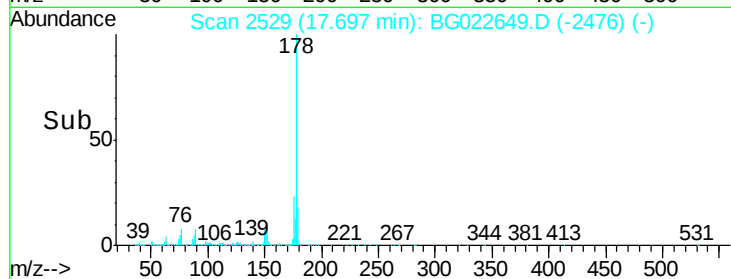
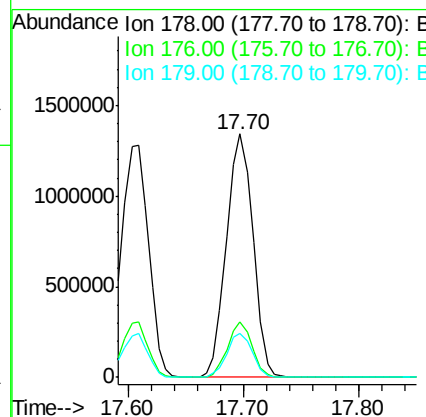
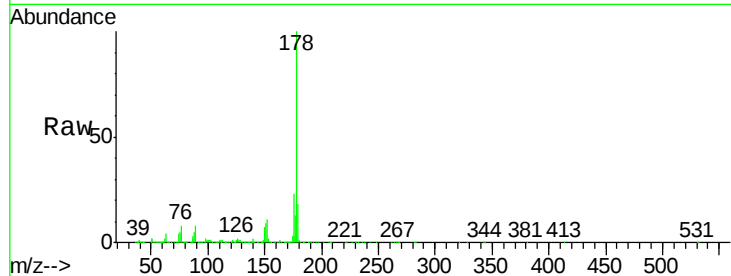




#71
 Anthracene
 Concen: 33.11 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

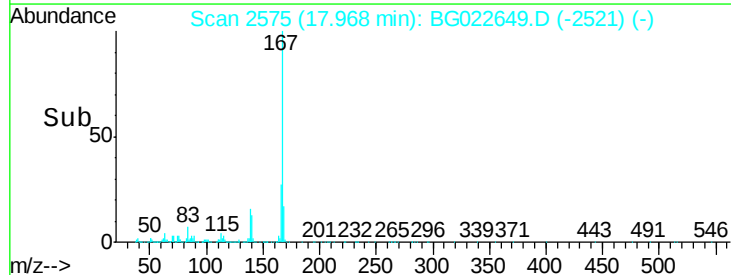
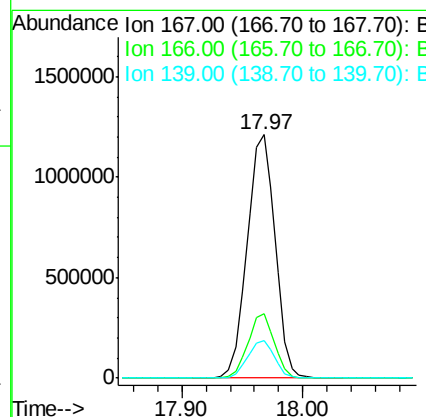
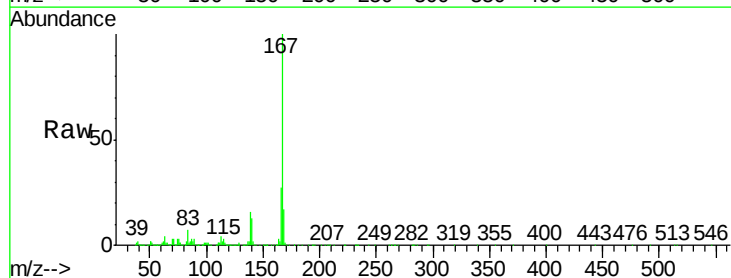
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

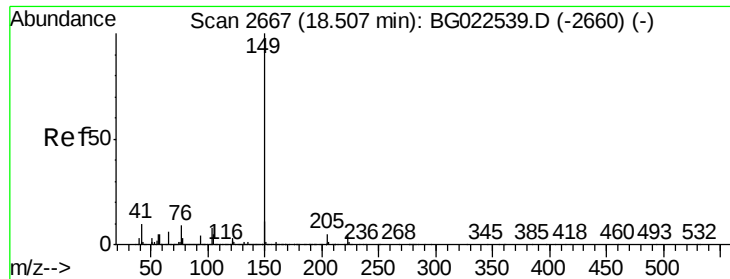
Tgt Ion:178 Resp: 2150641
 Ion Ratio Lower Upper
 178 100
 176 22.8 17.3 25.9
 179 18.3 14.0 21.0



#72
 Carbazole
 Concen: 35.58 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.02 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:167 Resp: 1959209
 Ion Ratio Lower Upper
 167 100
 166 26.7 20.7 31.1
 139 15.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 34.71 ng

RT: 18.51 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

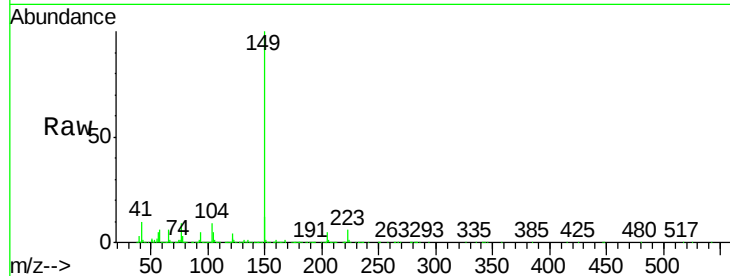
Tgt Ion:149 Resp: 2225415

Ion Ratio Lower Upper

149 100

150 12.4 9.1 13.7

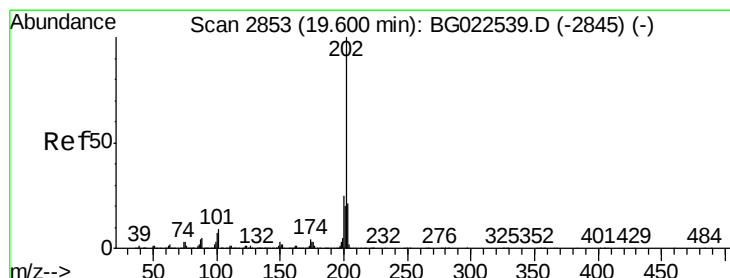
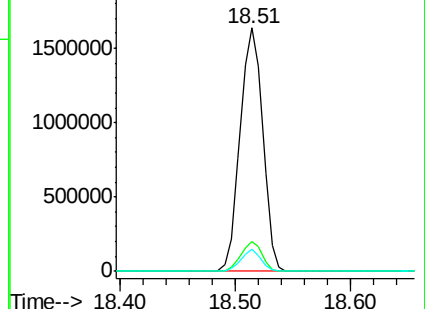
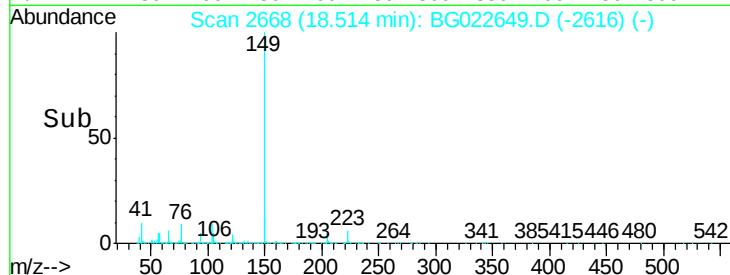
104 9.2 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.02 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

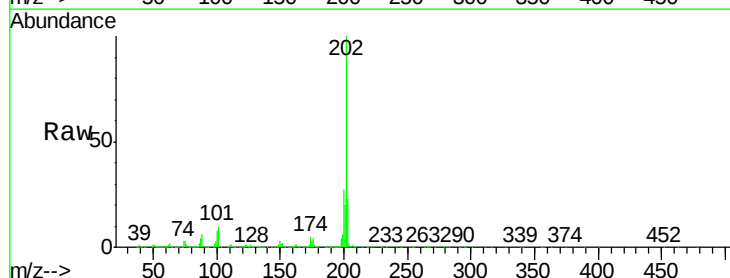
Tgt Ion:202 Resp: 2546455

Ion Ratio Lower Upper

202 100

101 9.8 0.0 27.4

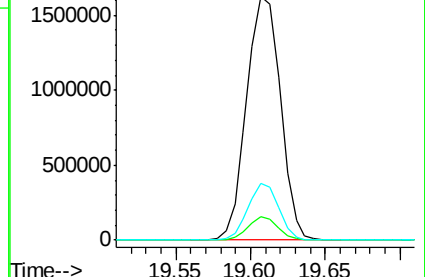
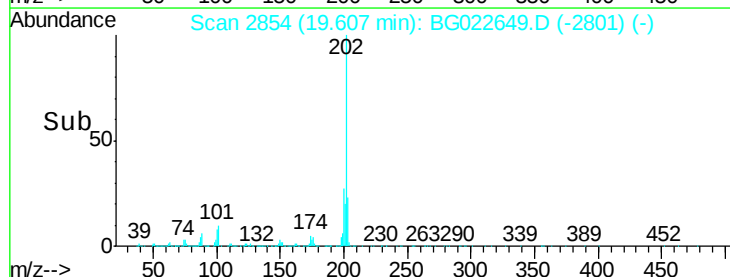
203 23.3 1.7 41.7

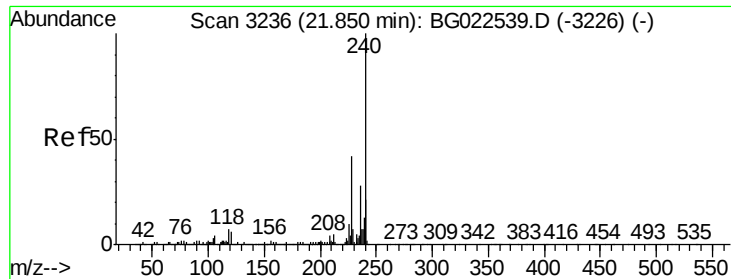


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

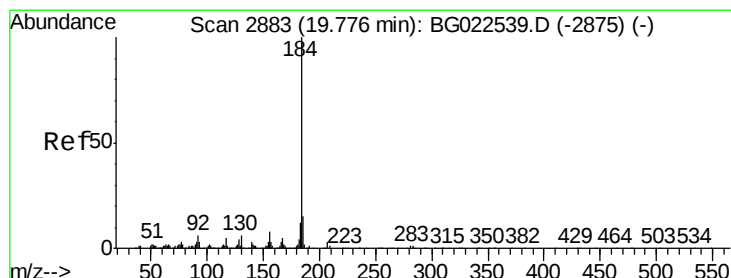
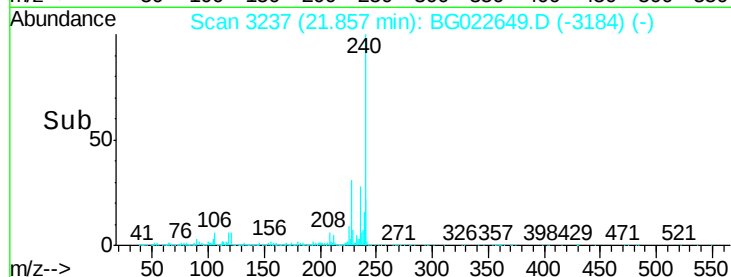
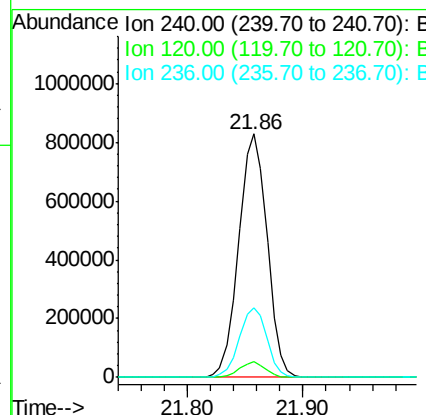
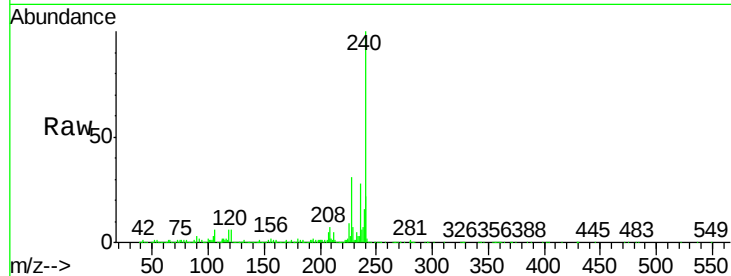




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

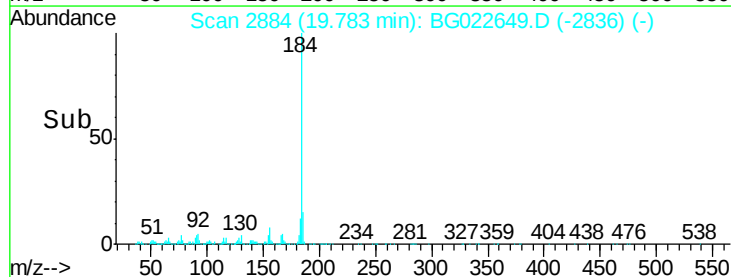
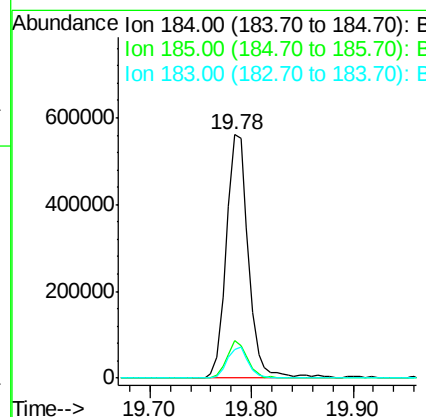
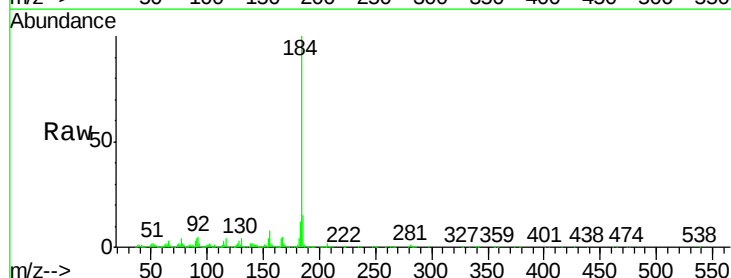
Instrument :
BNA_G
ClientSampled :
PB91595BS

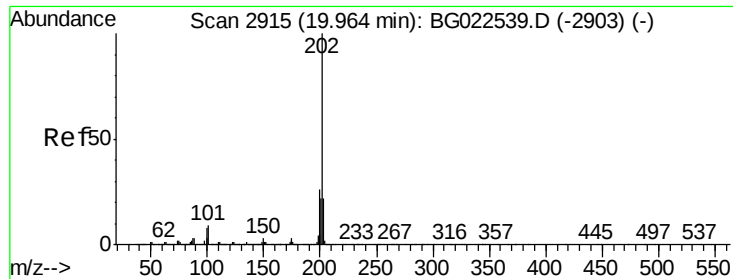
Tgt Ion:240 Resp: 1405827
Ion Ratio Lower Upper
240 100
120 6.5 4.1 6.1#
236 28.4 21.1 31.7



#76
Benzidine
Concen: 56.82 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG022649.D
Acq: 27 Jun 2016 19:18

Tgt Ion:184 Resp: 850489
Ion Ratio Lower Upper
184 100
185 15.4 12.6 19.0
183 11.9 10.7 16.1





#77

Pyrene

Concen: 34.86 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

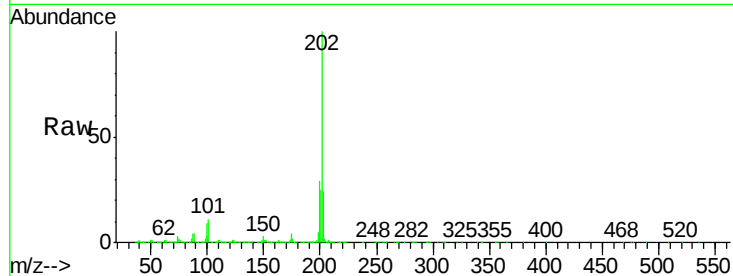
Tgt Ion:202 Resp: 2610443

Ion Ratio Lower Upper

202 100

200 29.5 21.2 31.8

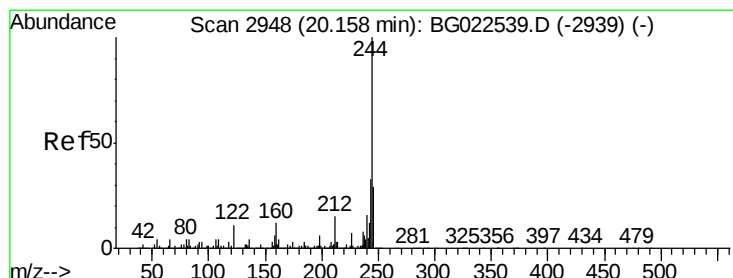
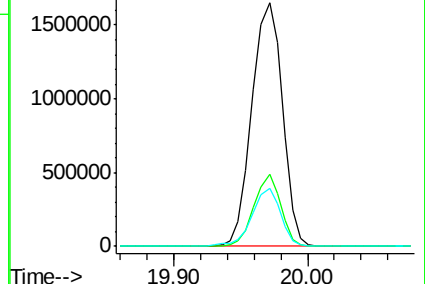
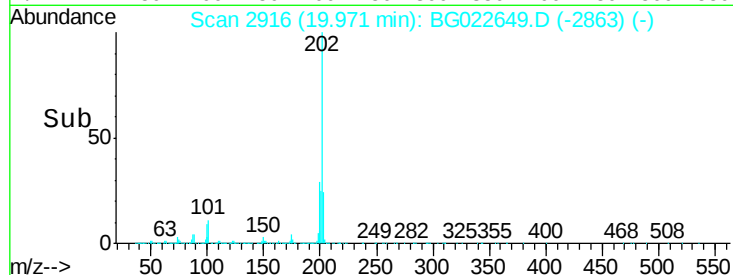
203 24.0 16.8 25.2



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: 60.30 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

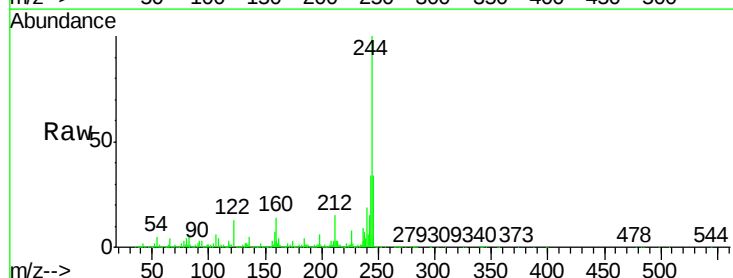
Tgt Ion:244 Resp: 3199493

Ion Ratio Lower Upper

244 100

212 15.2 10.8 16.2

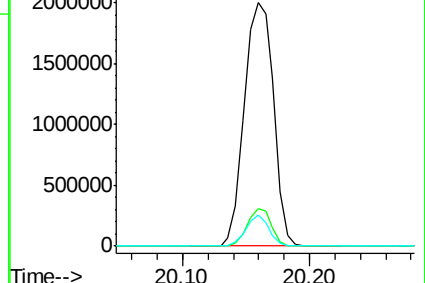
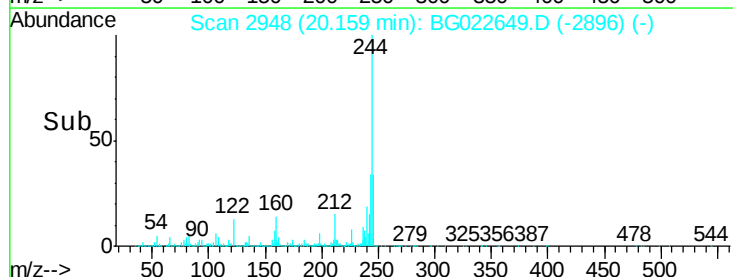
122 12.7 8.0 12.0#

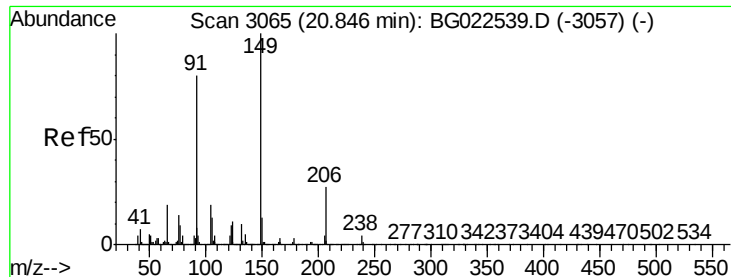


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.44 ng

RT: 20.85 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

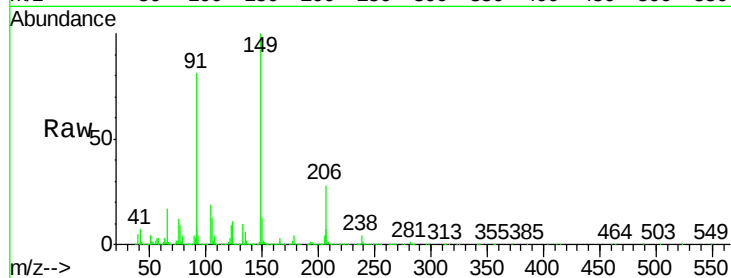
Tgt Ion:149 Resp: 1148795

Ion Ratio Lower Upper

149 100

91 81.5 68.1 102.1

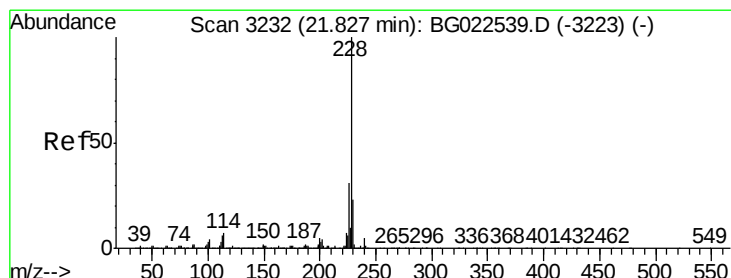
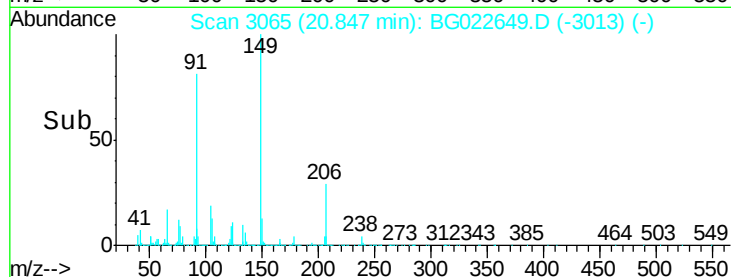
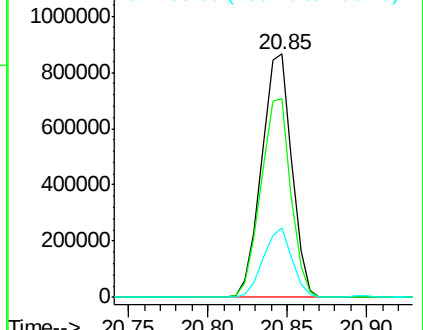
206 28.5 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.54 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

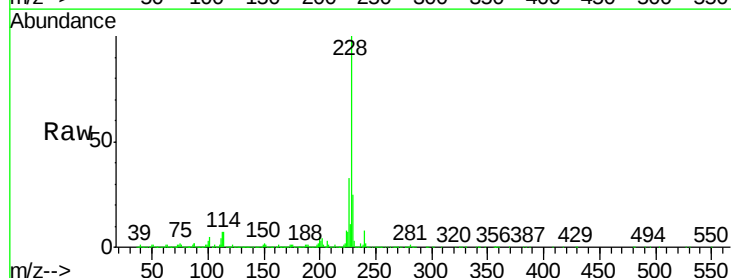
Tgt Ion:228 Resp: 2764479

Ion Ratio Lower Upper

228 100

226 33.0 25.3 37.9

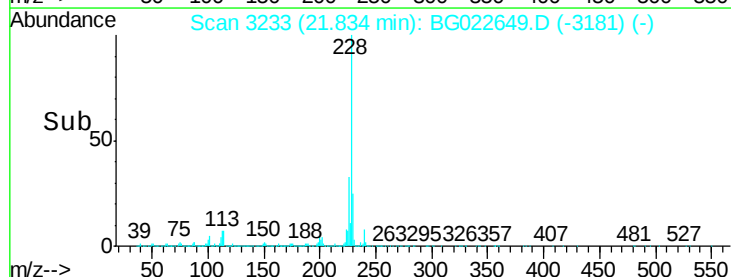
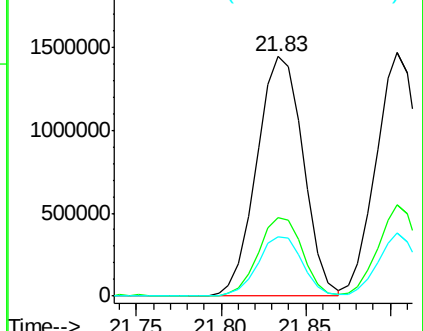
229 25.0 19.9 29.9

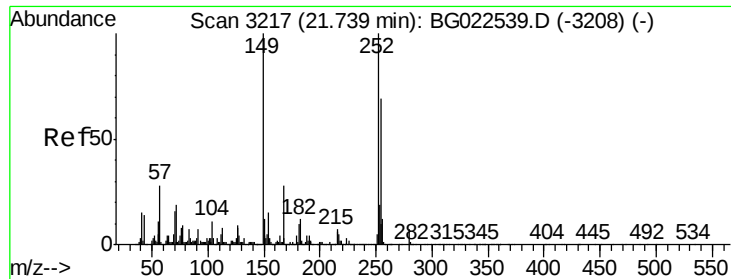


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

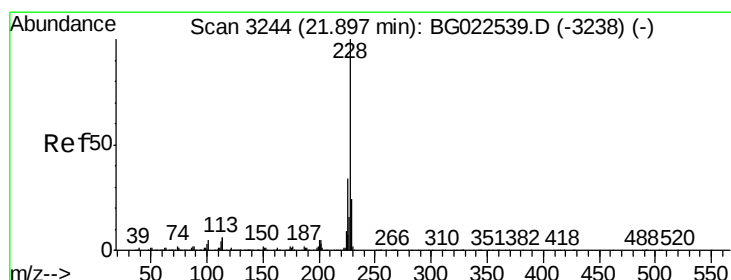
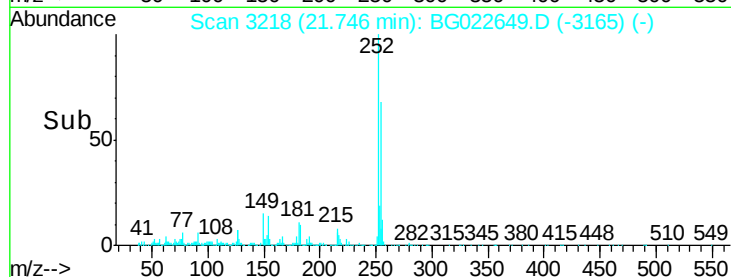
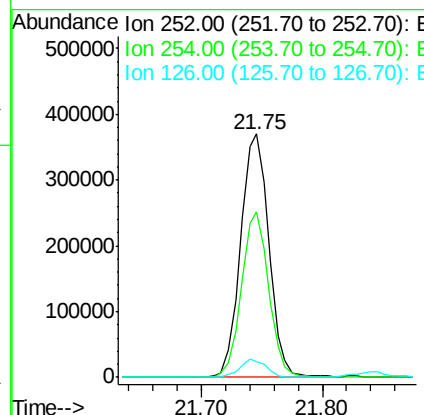
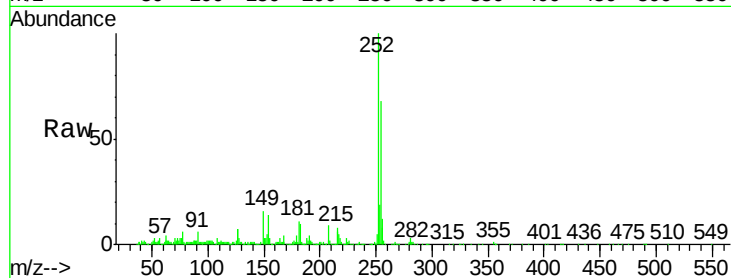




#81
 3,3'-Dichlorobenzidine
 Concen: 18.87 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

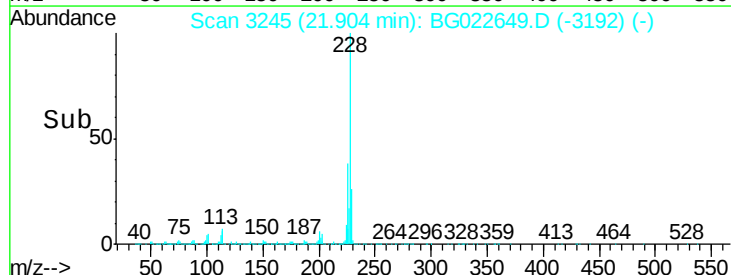
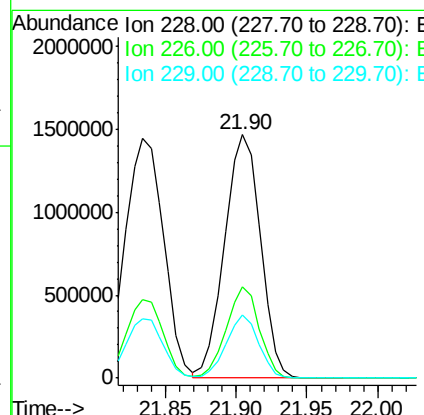
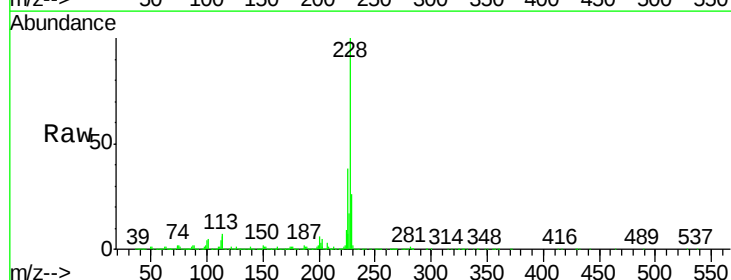
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

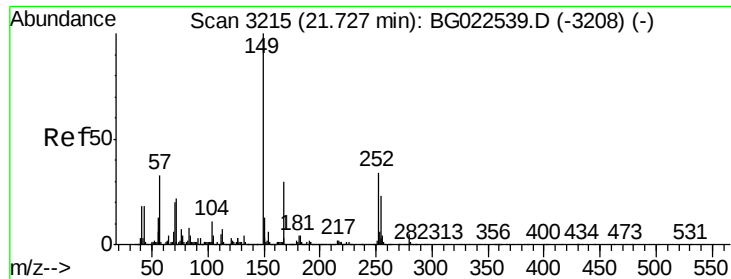
Tgt Ion: 252 Resp: 606413
 Ion Ratio Lower Upper
 252 100
 254 68.1 51.2 76.8
 126 6.7 5.3 7.9



#82
 Chrysene
 Concen: 35.36 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion: 228 Resp: 2584472
 Ion Ratio Lower Upper
 228 100
 226 37.7 26.7 40.1
 229 26.1 17.4 26.2

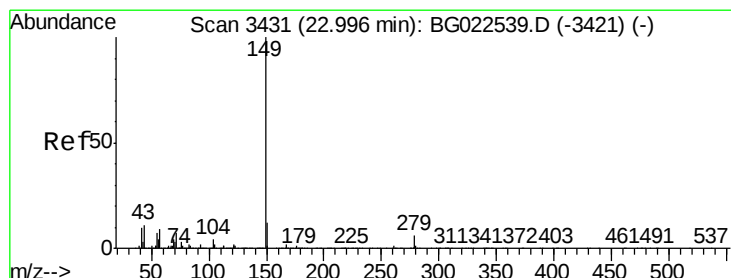
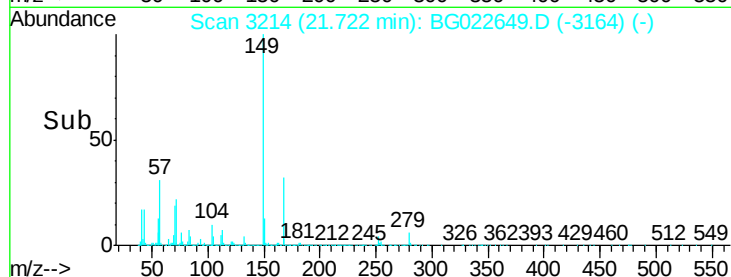
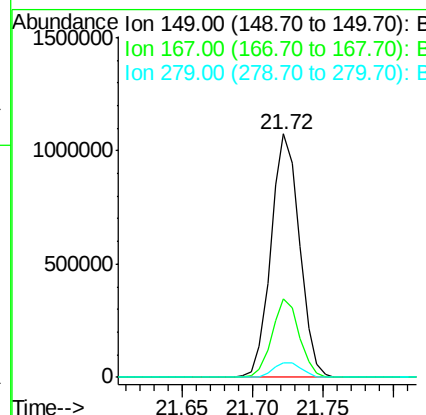
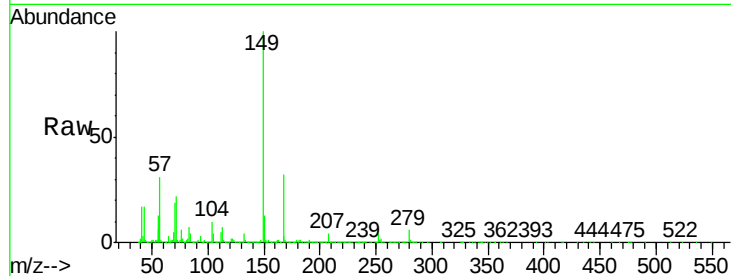




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.36 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

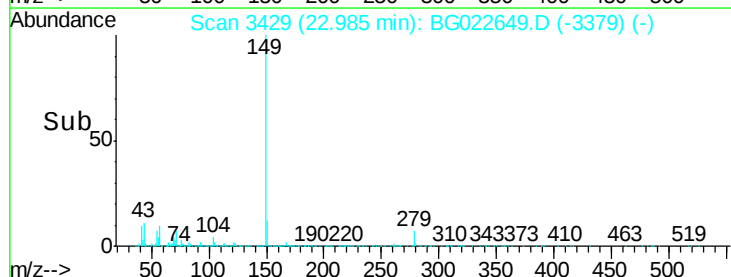
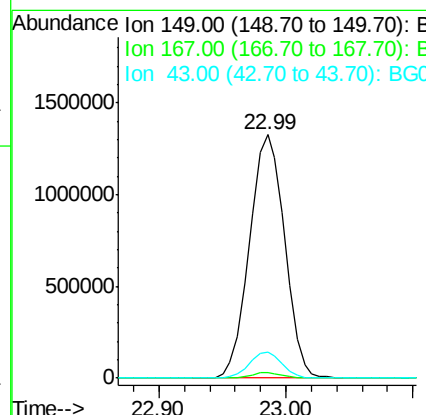
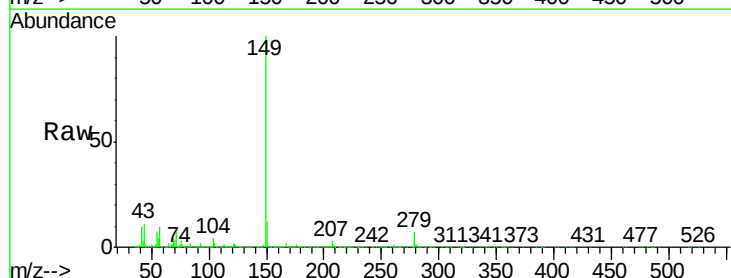
Instrument :
 BNA_G
 ClientSampled :
 PB91595BS

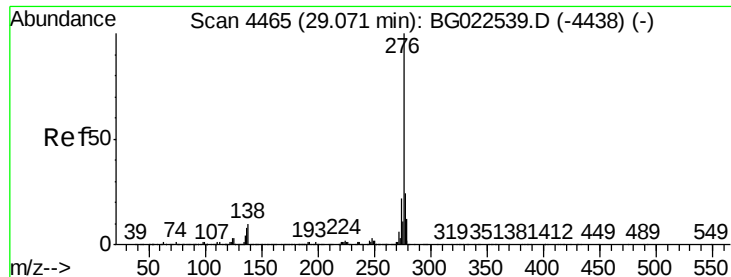
Tgt Ion:149 Resp: 1522456
 Ion Ratio Lower Upper
 149 100
 167 32.0 24.0 36.0
 279 5.9 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 33.85 ng
 RT: 22.99 min Scan# 3429
 Delta R.T. -0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:149 Resp: 2546495
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.5 2.3
 43 10.1 8.8 13.2

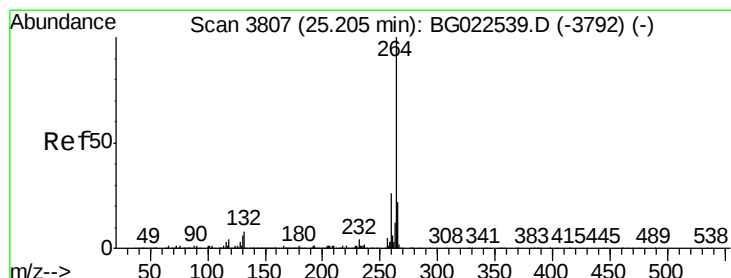
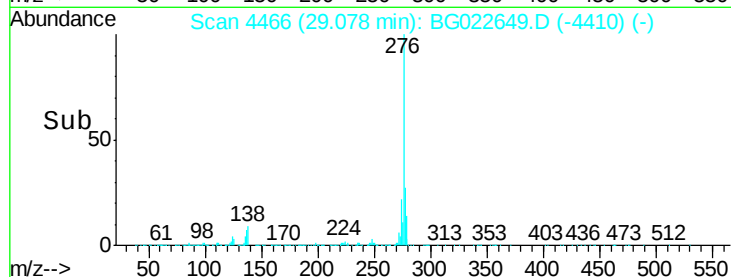
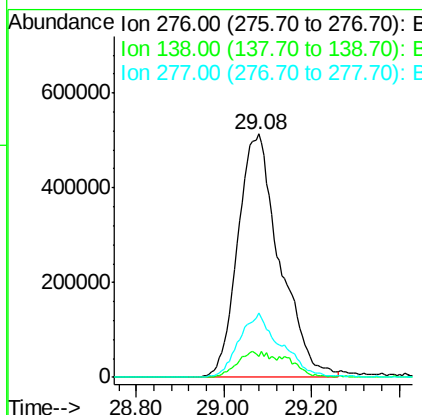
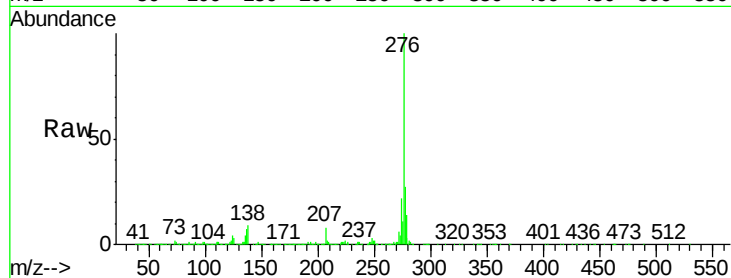




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.71 ng
 RT: 29.08 min Scan# 4466
 Delta R.T. 0.03 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

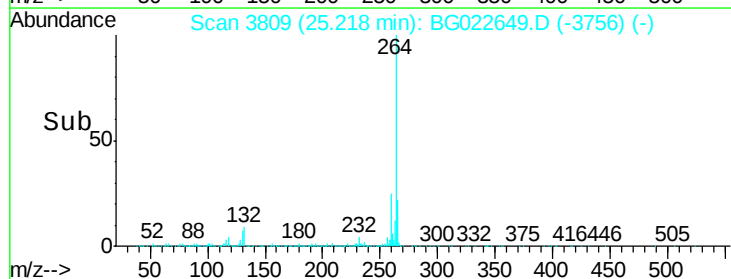
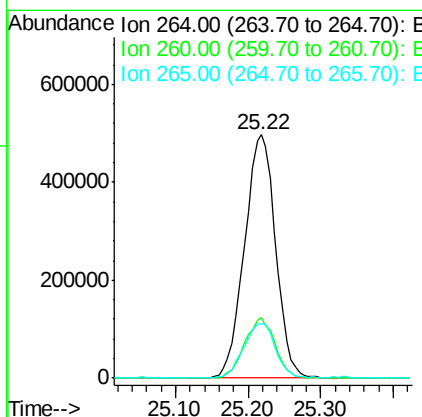
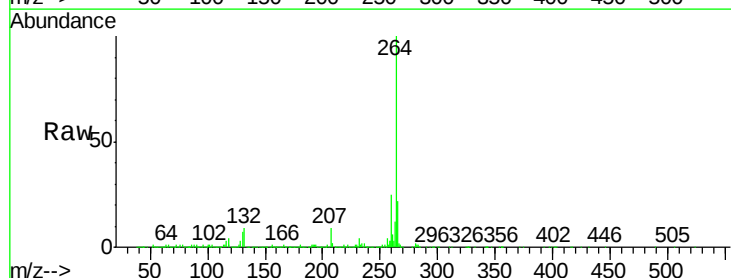
Instrument :
 BNA_G
 ClientSampleId :
 PB91595BS

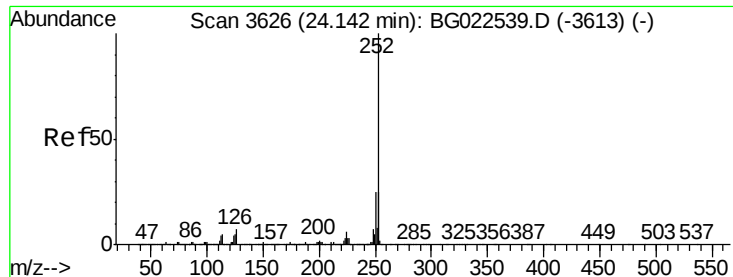
Tgt Ion:276 Resp: 3334734
 Ion Ratio Lower Upper
 276 100
 138 5.3 0.0 0.0#
 277 26.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.22 min Scan# 3809
 Delta R.T. 0.01 min
 Lab File: BG022649.D
 Acq: 27 Jun 2016 19:18

Tgt Ion:264 Resp: 1476455
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.4 27.6
 265 22.4 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 33.02 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.09 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

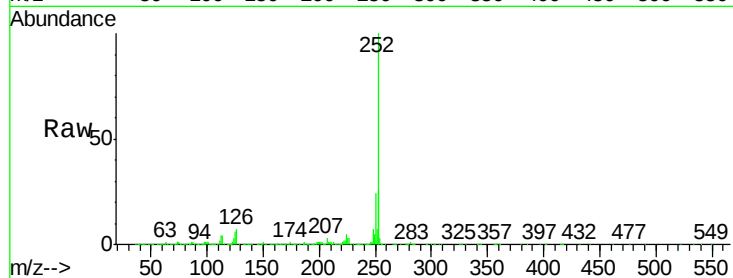
Tgt Ion:252 Resp: 2931661

Ion Ratio Lower Upper

252 100

253 25.6 18.9 28.3

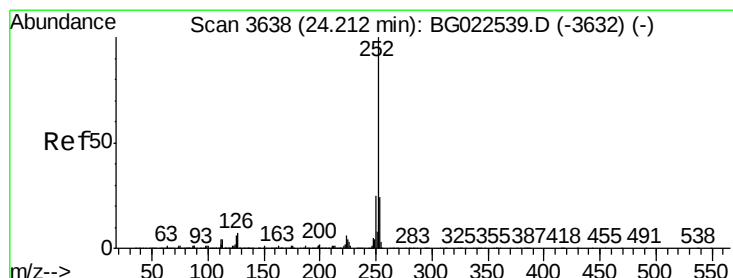
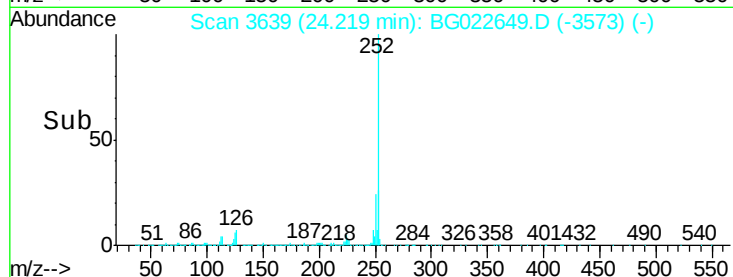
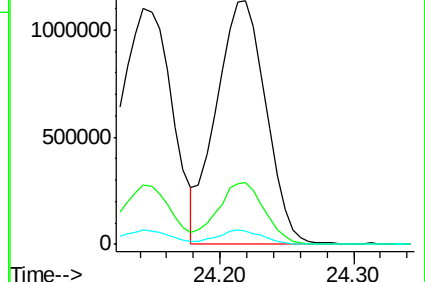
125 5.6 3.9 5.9



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



#88

Benzo(k)fluoranthene

Concen: 34.93 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

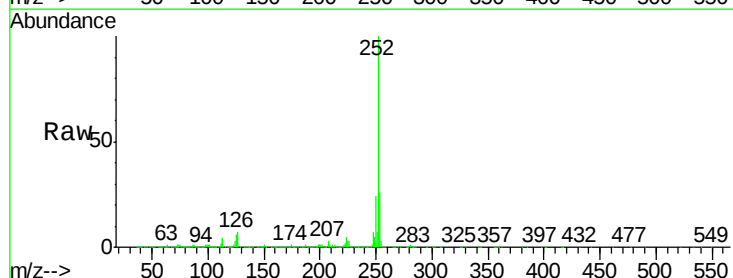
Tgt Ion:252 Resp: 2931661

Ion Ratio Lower Upper

252 100

253 25.6 18.8 28.2

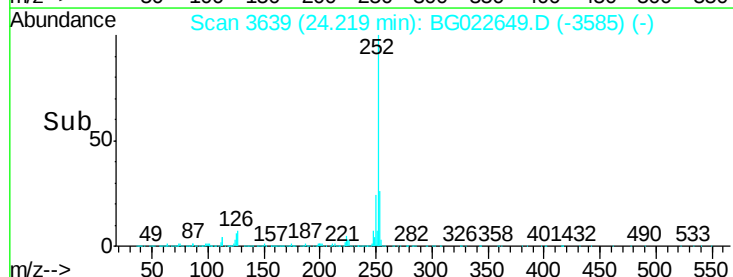
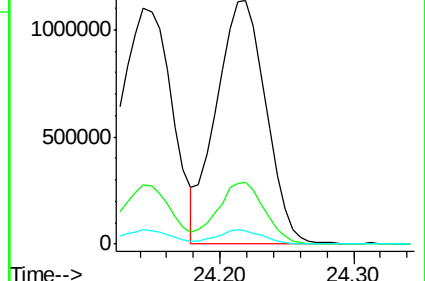
125 5.6 3.2 4.8#

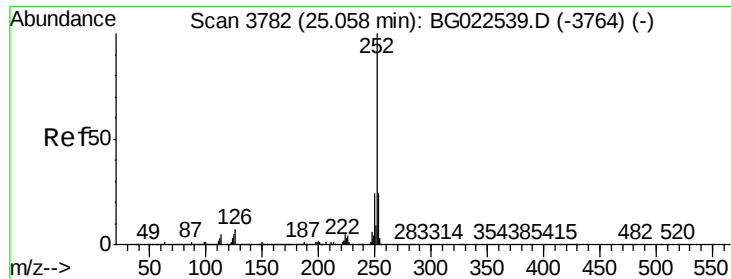


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 34.24 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

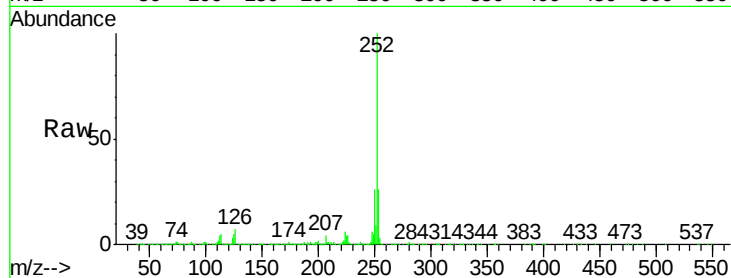
Tgt Ion:252 Resp: 2963480

Ion Ratio Lower Upper

252 100

253 25.8 18.7 28.1

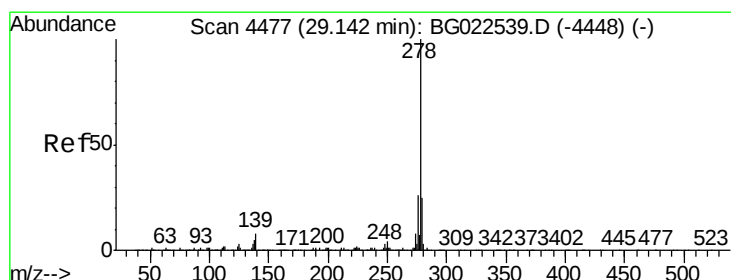
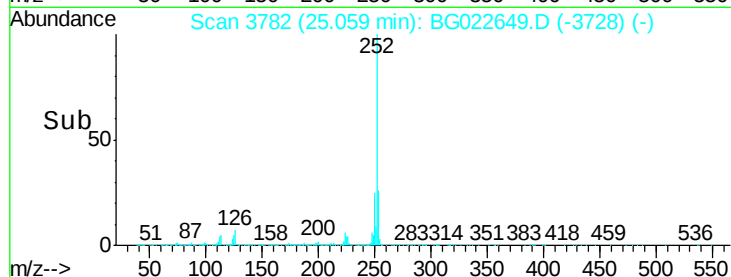
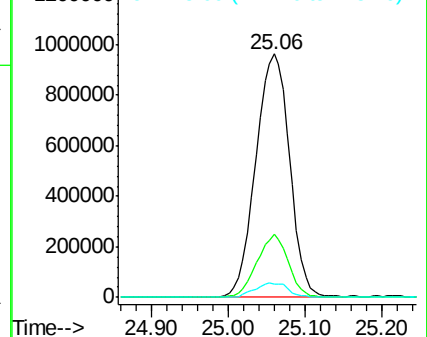
125 5.5 3.9 5.9



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: 34.06 ng

RT: 29.15 min Scan# 4478

Delta R.T. 0.04 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

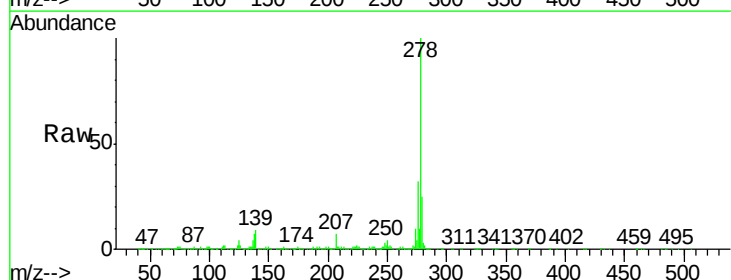
Tgt Ion:278 Resp: 2774988

Ion Ratio Lower Upper

278 100

139 8.5 4.7 7.1#

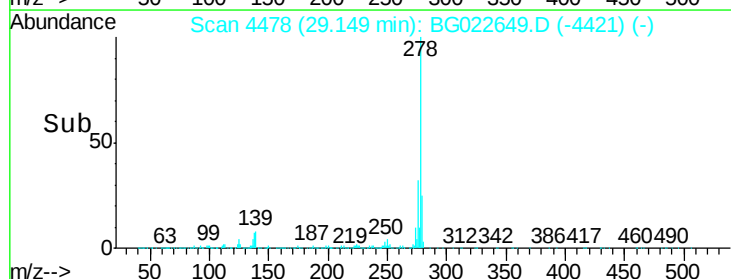
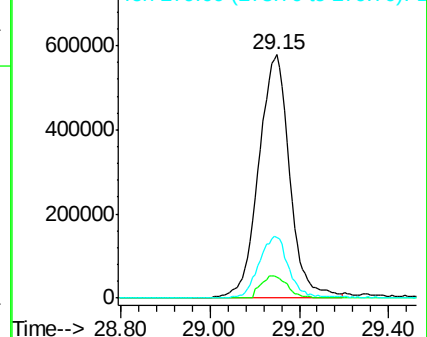
279 24.7 18.3 27.5

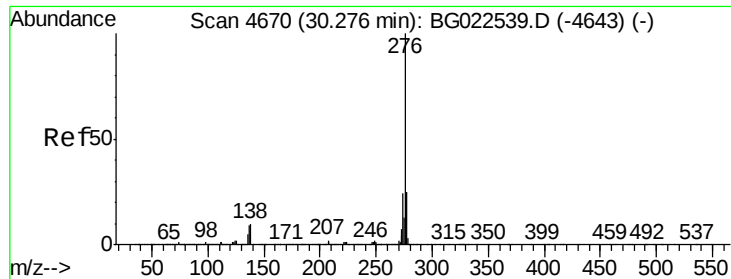


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.43 ng

RT: 30.28 min Scan# 4670

Delta R.T. 0.02 min

Lab File: BG022649.D

Acq: 27 Jun 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB91595BS

Tgt Ion:276 Resp: 2689262

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 10.0 6.8 10.2

