

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022720.D
 Acq On : 30 Jun 2016 10:22
 Operator : UM/SJ
 Sample : PB91664BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

Quant Time: Jun 30 14:33:30 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	97477	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	436231	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	379866	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1078402	20.00	ng	0.01
75) Chrysene-d12	21.86	240	1176607	20.00	ng	0.01
86) Perylene-d12	25.23	264	1208378	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	692657	113.97	ng	0.00
7) Phenol-d6	7.33	99	1060743	123.83	ng	0.03
23) Nitrobenzene-d5	9.34	82	698603	67.78	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	734382	122.91	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1584495	66.15	ng	0.00
78) Terphenyl-d14	20.16	244	2807576	63.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	62336	25.31	ng	95
3) Pyridine	3.99	79	107425	15.59	ng	# 84
4) n-Nitrosodimethylamine	3.89	42	50766	12.88	ng	94
6) Aniline	7.49	93	126903	11.17	ng	93
8) 2-Chlorophenol	7.74	128	119183	18.93	ng	96
9) Benzaldehyde	7.30	77	93672	31.07	ng	93
10) Phenol	7.35	94	185380	20.48	ng	88
11) bis(2-Chloroethyl)ether	7.58	93	119586	16.05	ng	98
12) 1,3-Dichlorobenzene	8.06	146	120757	15.76	ng	93
13) 1,4-Dichlorobenzene	8.20	146	124761	16.25	ng	93
14) 1,2-Dichlorobenzene	8.53	146	121961	16.70	ng	87
15) Benzyl Alcohol	8.41	79	160139	20.20	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	135192	16.40	ng	97
17) 2-Methylphenol	8.62	107	118955	19.93	ng	93
18) Hexachloroethane	9.26	117	51083	16.07	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	119959	16.82	ng	# 97
20) 3+4-Methylphenols	8.94	107	172020	20.93	ng	90
22) Acetophenone	8.99	105	206552	16.38	ng	# 92
24) Nitrobenzene	9.38	77	183437	16.10	ng	97
25) Isophorone	9.90	82	322192	16.10	ng	98
26) 2-Nitrophenol	10.10	139	69597	16.96	ng	94
27) 2,4-Dimethylphenol	10.15	122	139474	17.79	ng	82
28) bis(2-Chloroethoxy)methane	10.39	93	185693	17.00	ng	# 98
29) 2,4-Dichlorophenol	10.64	162	154765	20.26	ng	97
30) 1,2,4-Trichlorobenzene	10.86	180	149492	16.48	ng	94
31) Naphthalene	11.05	128	381571	17.40	ng	96
32) Benzoic acid	10.26	122	105925	23.58	ng	93
33) 4-Chloroaniline	11.16	127	70515	7.47	ng	93
34) Hexachlorobutadiene	11.33	225	109659	15.56	ng	92
35) Caprolactam	11.92	113	60655m	25.21	ng	
36) 4-Chloro-3-methylphenol	12.27	107	206996	22.08	ng	94
37) 2-Methylnaphthalene	12.64	142	309972	18.23	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	212249	14.80	ng	99
40) Hexachlorocyclopentadiene	12.98	237	423819	37.02	ng	99

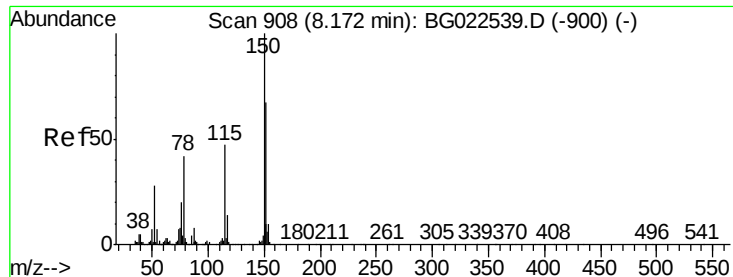
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
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Quant Time: Jun 30 14:33:30 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	165259	17.97	nq	94
43) 2,4,5-Trichlorophenol	13.32	196	174764	18.16	nq	97
45) 1,1'-Biphenyl	13.64	154	453180	15.66	nq	100
46) 2-Chloronaphthalene	13.69	162	368722	15.49	nq	100
47) 2-Nitroaniline	13.89	65	165113	17.97	nq	97
48) Acenaphthylene	14.53	152	583519	16.90	nq	99
49) Dimethylphthalate	14.26	163	557215	17.68	nq	98
50) 2,6-Dinitrotoluene	14.38	165	117571	17.17	nq	87
51) Acenaphthene	14.87	154	390137	15.33	nq	91
52) 3-Nitroaniline	14.72	138	79836	12.46	nq	94
53) 2,4-Dinitrophenol	14.92	184	228492	54.18	nq	94
54) Dibenzofuran	15.21	168	651266	17.67	nq	96
55) 4-Nitrophenol	15.03	139	295697	54.58	nq	98
56) 2,4-Dinitrotoluene	15.16	165	190314	20.06	nq	# 92
57) Fluorene	15.86	166	545537	18.55	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	198215m	19.87	nq	
59) Diethylphthalate	15.61	149	602527	18.60	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	328452	18.76	nq	95
61) 4-Nitroaniline	15.88	138	123173	18.63	nq	# 85
62) Azobenzene	16.14	77	613023	17.47	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	122399	16.92	nq	91
65) n-Nitrosodiphenylamine	16.06	169	530273	16.90	nq	98
66) 4-Bromophenyl-phenylether	16.74	248	235837	16.86	nq	92
67) Hexachlorobenzene	16.86	284	244044	16.50	nq	99
68) Atrazine	17.01	200	237043	17.89	nq	96
69) Pentachlorophenol	17.21	266	460408	45.23	nq	98
70) Phenanthrene	17.61	178	1001692	18.21	nq	97
71) Anthracene	17.70	178	996704	17.61	nq	97
72) Carbazole	17.97	167	848751	17.69	nq	96
73) Di-n-butylphthalate	18.51	149	1011958	18.11	nq	95
74) Fluoranthene	19.61	202	1161743	18.34	nq	95
76) Benzidine	19.79	184	646853	51.64	nq	97
77) Pyrene	19.97	202	1187897	18.96	nq	93
79) Butylbenzylphthalate	20.84	149	460348	16.97	nq	97
80) Benzo(a)anthracene	21.84	228	1231000	18.91	nq	93
81) 3,3'-Dichlorobenzidine	21.75	252	265330	9.87	nq	# 97
82) Chrysene	21.91	228	1173689	19.18	nq	96
83) Bis(2-ethylhexyl)phthalate	21.73	149	612536	16.04	nq	98
84) Di-n-octyl phthalate	22.99	149	1046126	16.61	nq	96
85) Indeno(1,2,3-cd)pyrene	29.08	276	1327808	16.52	nq	# 100
87) Benzo(b)fluoranthene	24.15	252	1281123	17.63	nq	97
88) Benzo(k)fluoranthene	24.22	252	1251358m	18.22	nq	
89) Benzo(a)pyrene	25.06	252	1207132	17.04	nq	98
90) Dibenzo(a,h)anthracene	29.16	278	1112078	16.68	nq	# 97
91) Benzo(g,h,i)perylene	30.29	276	1056844	15.57	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

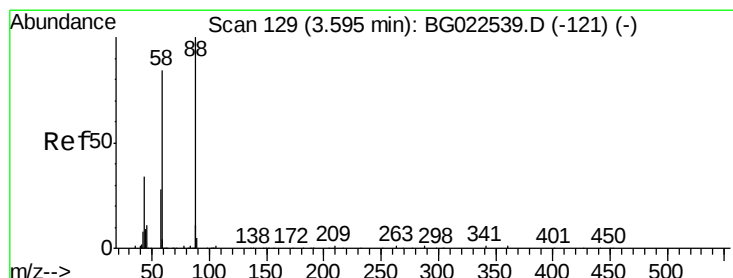
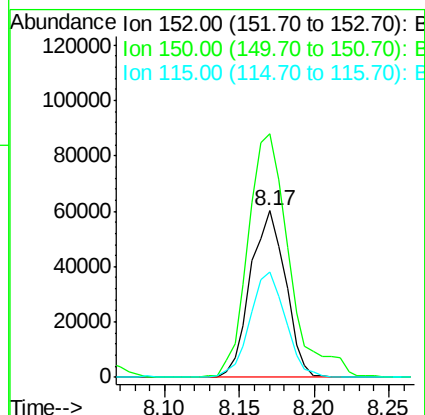
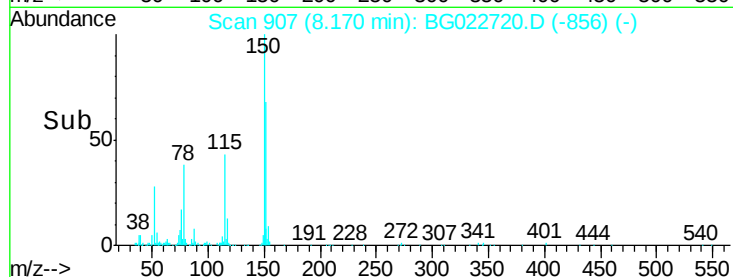
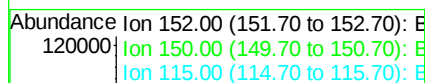
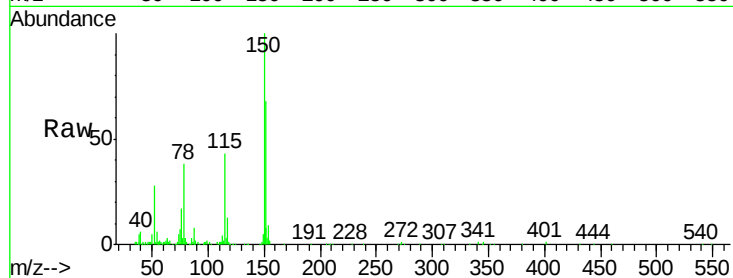
Tot Ion:152 Resp: 97477

Ion Ratio Lower Upper

152 100

150 146.1 144.7 217.1

115 63.0 64.0 96.0#



#2

1,4-Dioxane

Concen: 25.31 ng

RT: 3.58 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

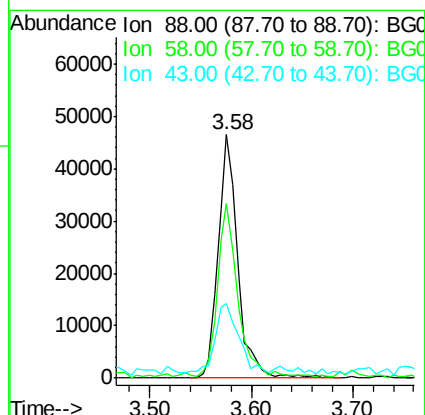
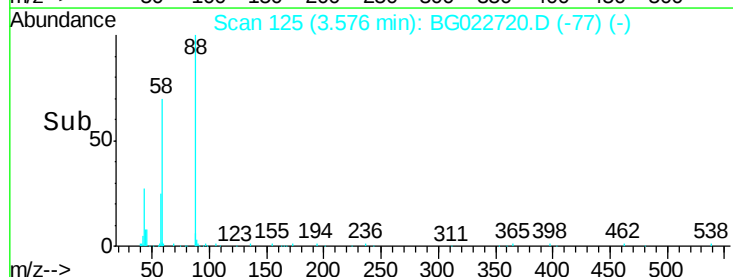
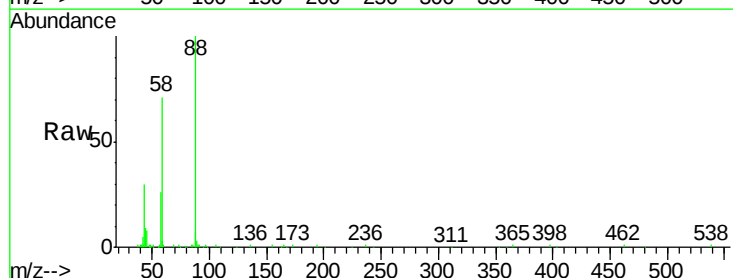
Tgt Ion: 88 Resp: 62336

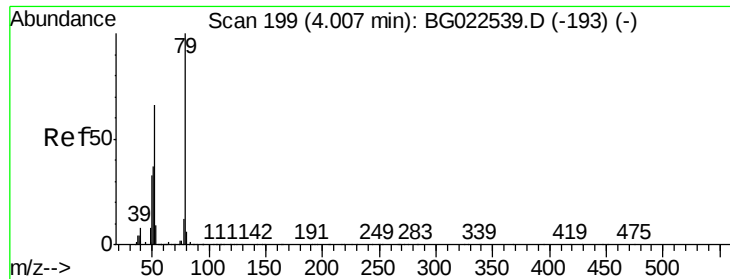
Ion Ratio Lower Upper

88 100

58 72.7 60.4 90.6

43 33.0 31.1 46.7





#3

Pvridine

Concen: 15.59 ng

RT: 3.99 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

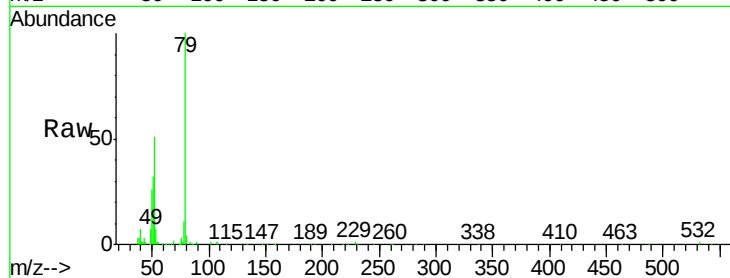
Tot Ion: 79 Resp: 107425

Ion Ratio Lower Upper

79 100

52 51.4 51.8 77.8#

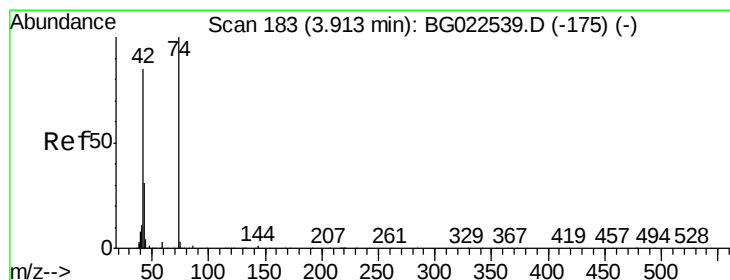
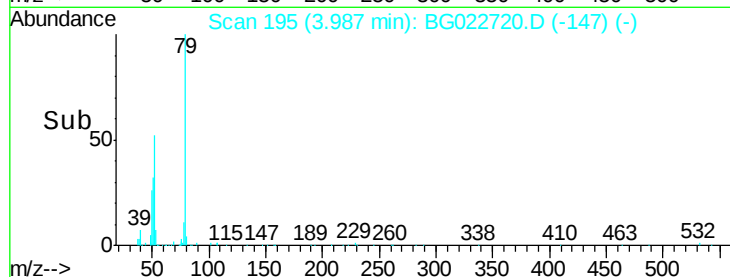
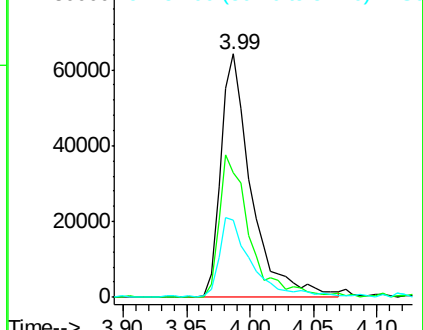
51 31.8 32.7 49.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 12.88 ng

RT: 3.89 min Scan# 179

Delta R.T. -0.02 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

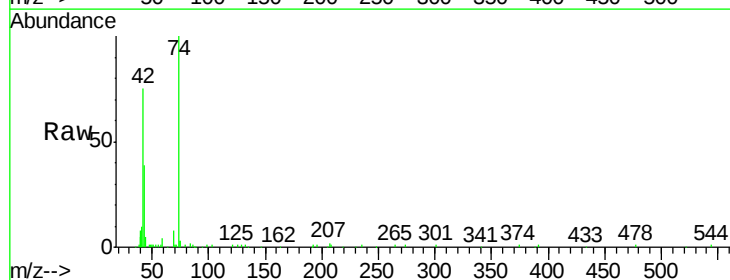
Tgt Ion: 42 Resp: 50766

Ion Ratio Lower Upper

42 100

74 132.6 100.6 150.8

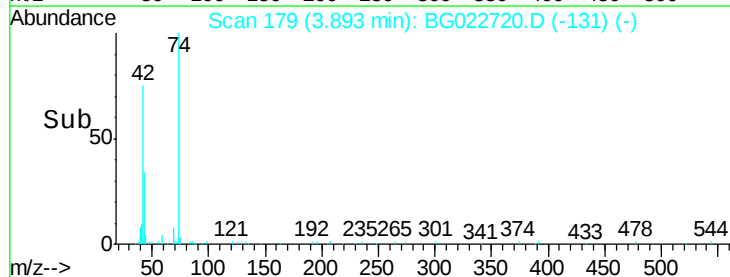
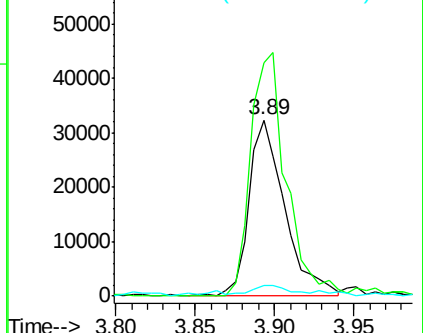
44 6.1 4.5 6.7

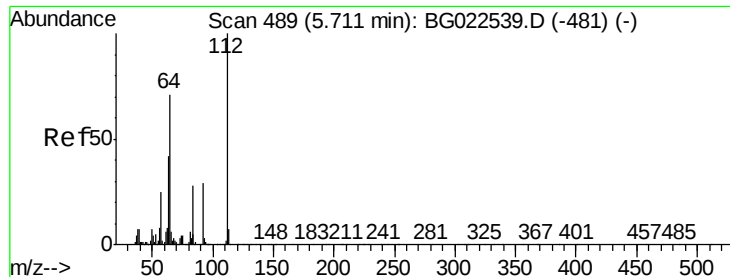


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.97 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

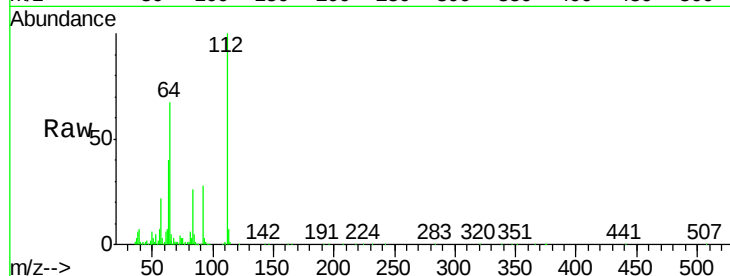
Tot Ion:112 Resp: 692657

Ion Ratio Lower Upper

112 100

64 67.2 59.0 88.4

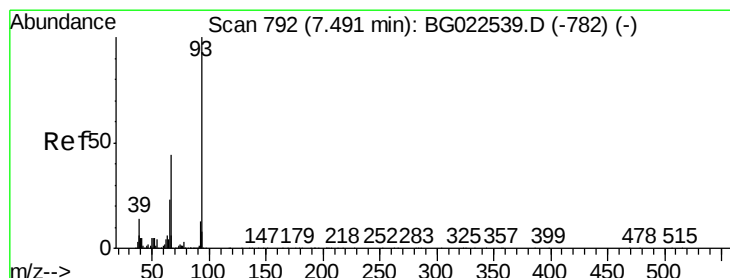
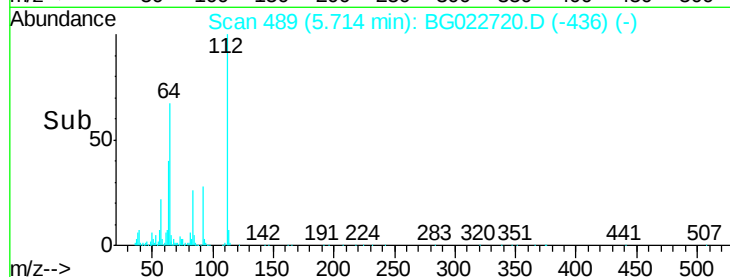
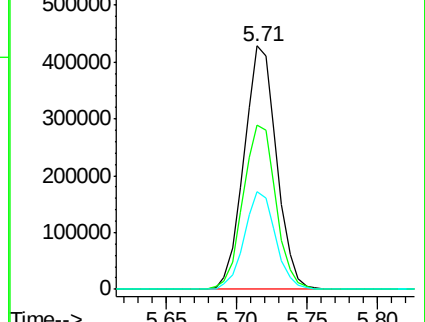
63 39.9 37.8 56.8



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: 11.17 ng

RT: 7.49 min Scan# 791

Delta R.T. 0.00 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

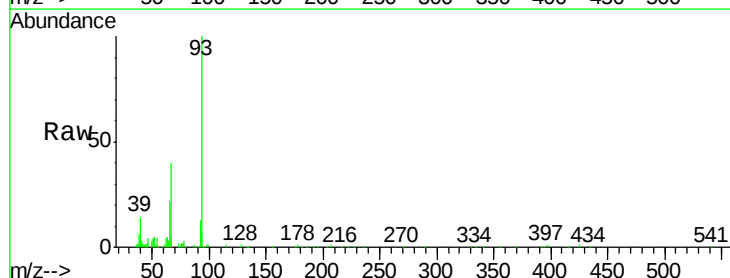
Tgt Ion: 93 Resp: 126903

Ion Ratio Lower Upper

93 100

66 40.4 37.5 56.3

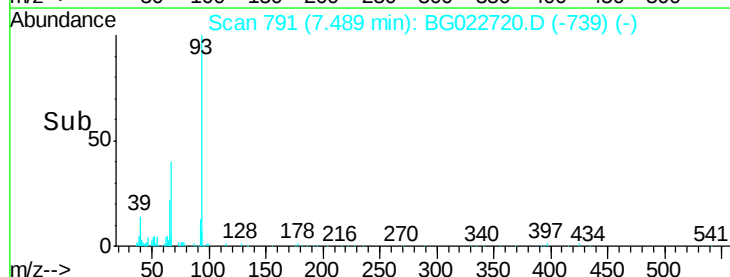
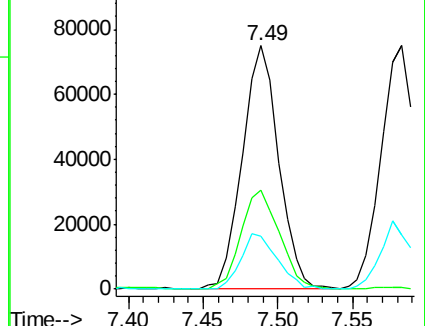
65 21.7 17.9 26.9



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: 123.83 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.03 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

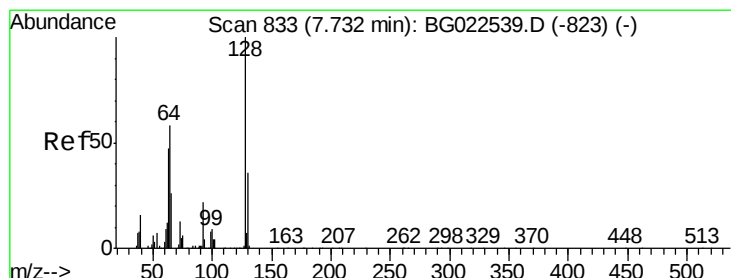
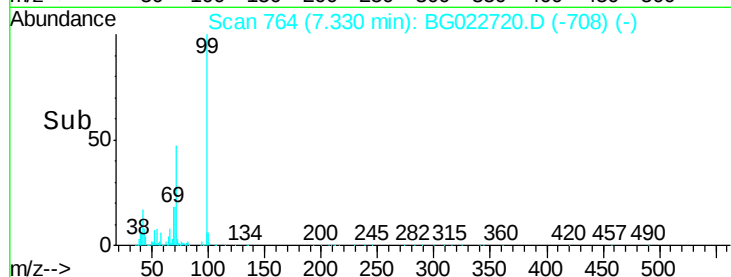
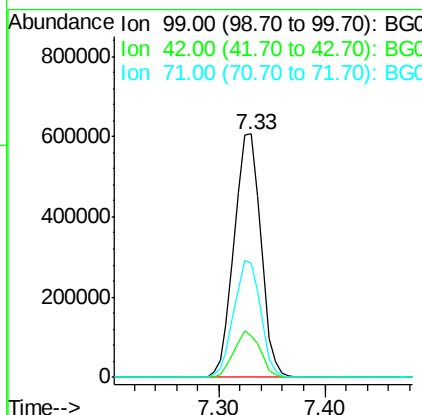
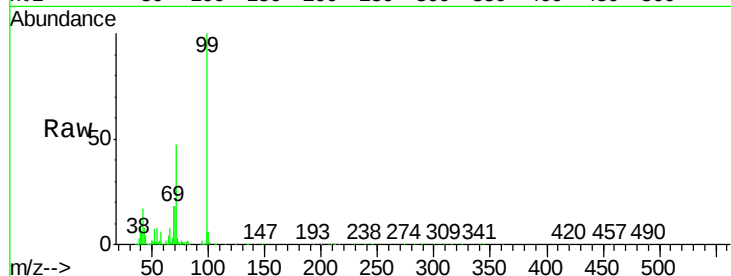
BNA_G

ClientSampleId :

PB91664BS

Tot Ion: 99 Resp: 1060743

Ion	Ratio	Lower	Upper
99	100		
42	17.2	17.8	26.6#
71	47.1	41.5	62.3



#8

2-Chlorophenol

Concen: 18.93 ng

RT: 7.74 min Scan# 833

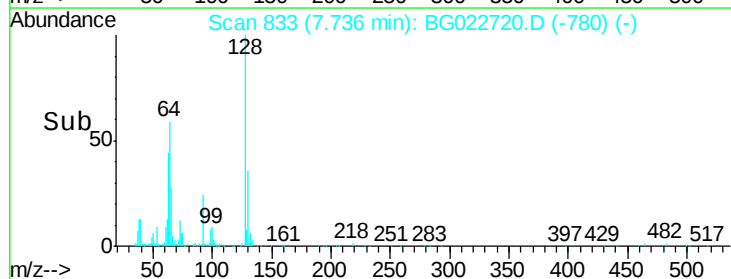
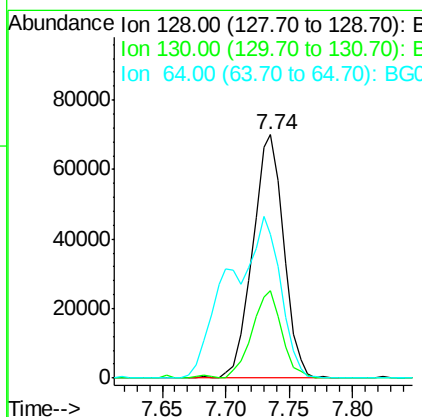
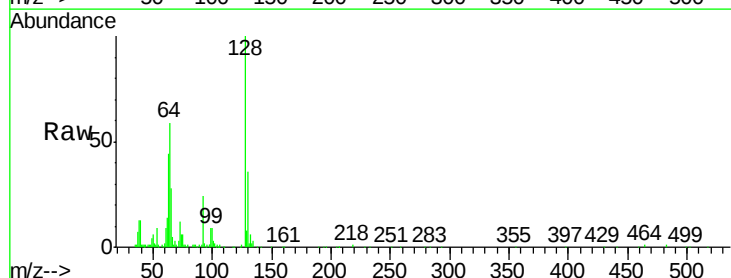
Delta R.T. 0.01 min

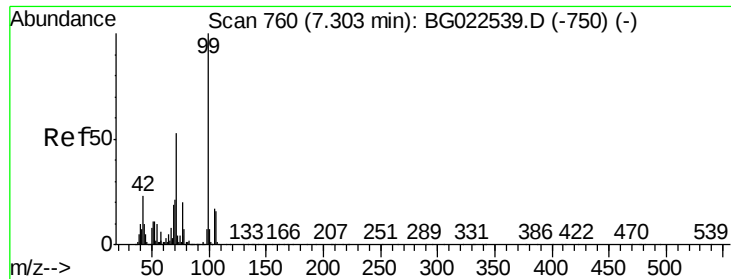
Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Tgt Ion:128 Resp: 119183

Ion	Ratio	Lower	Upper
128	100		
130	35.7	12.9	52.9
64	59.1	42.0	82.0





#9

Benzaldehyde

Concen: 31.07 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

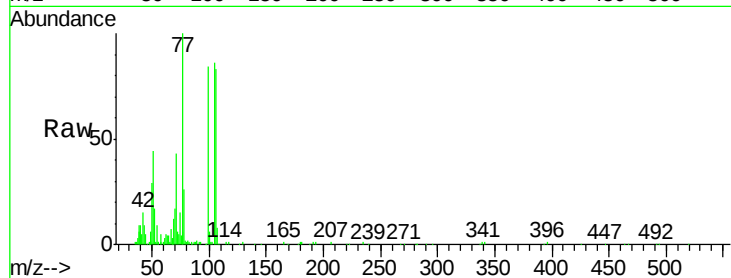
Tot Ion: 77 Resp: 93672

Ion Ratio Lower Upper

77 100

105 85.9 58.7 98.7

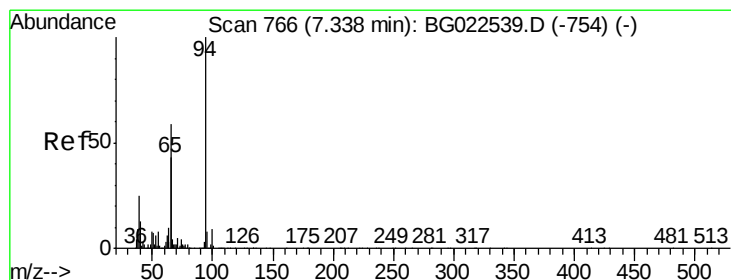
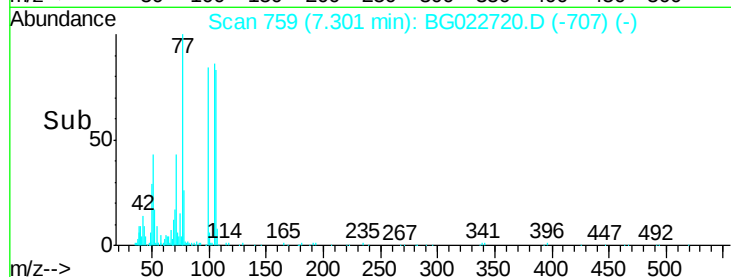
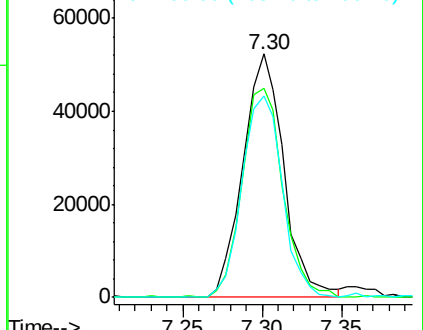
106 82.6 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 20.48 ng

RT: 7.35 min Scan# 768

Delta R.T. 0.02 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

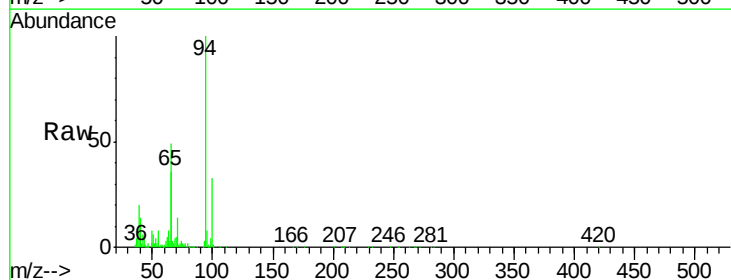
Tgt Ion: 94 Resp: 185380

Ion Ratio Lower Upper

94 100

65 35.6 18.1 58.1

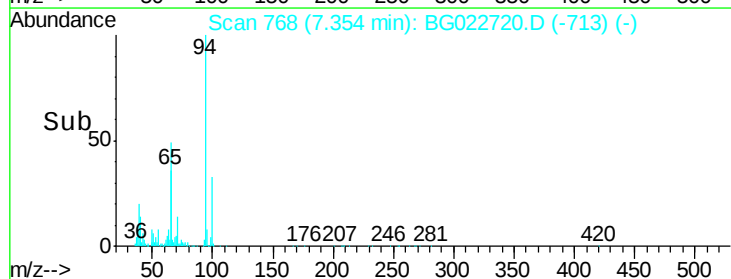
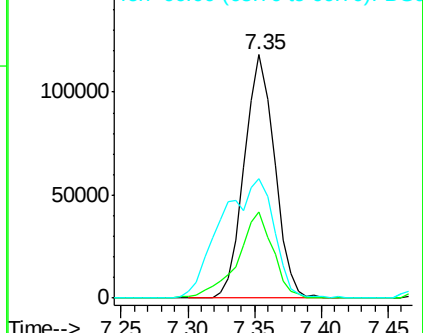
66 48.9 42.1 82.1

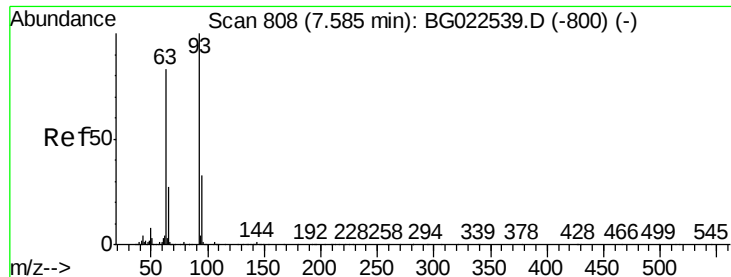


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

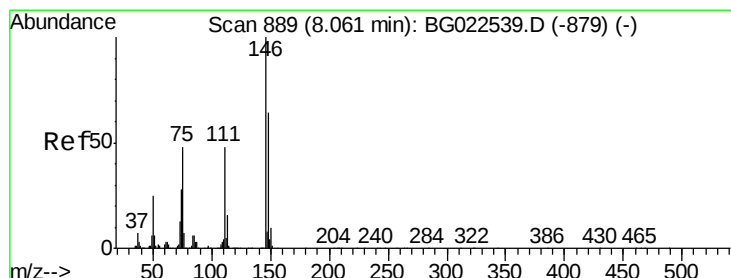
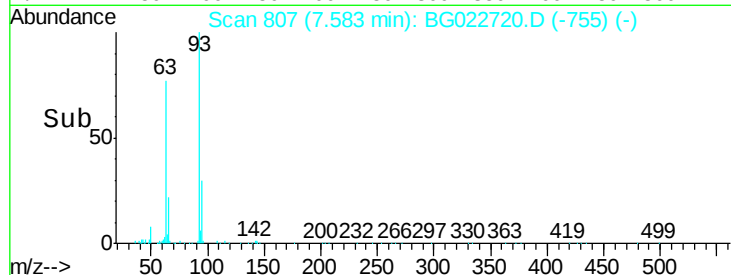
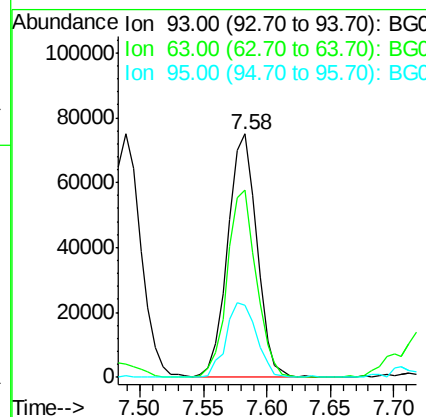
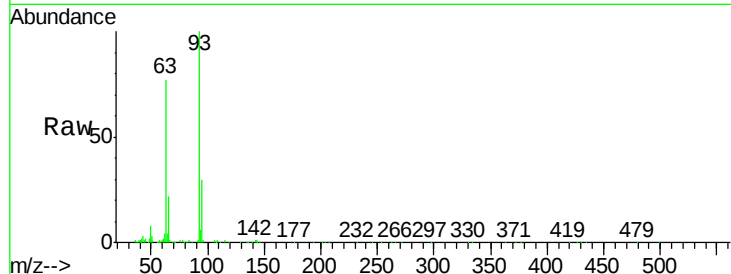




#11
bis(2-Chloroethyl)ether
Concen: 16.05 ng
RT: 7.58 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

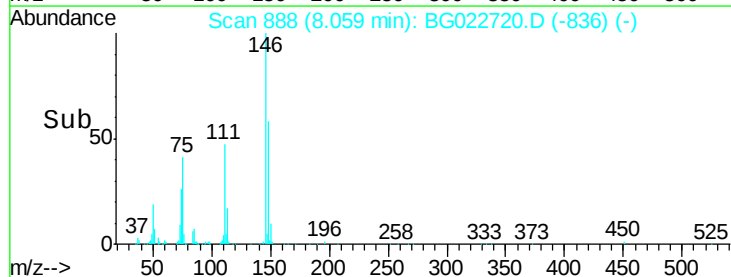
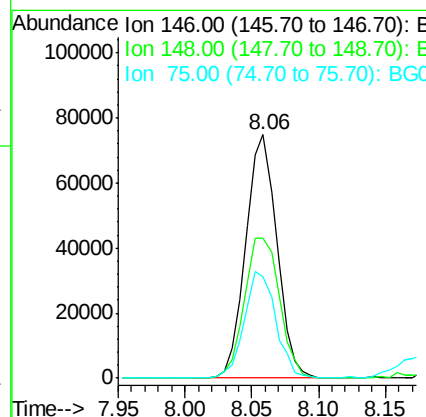
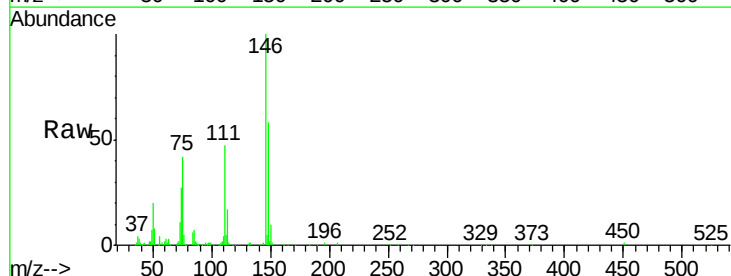
Instrument :
BNA_G
ClientSampleId :
PB91664BS

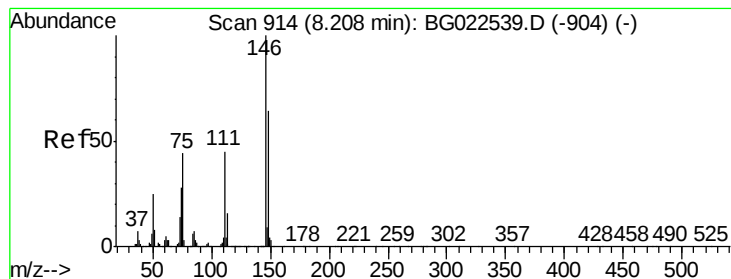
Tot Ion	93	Resp	119586
Ion	Ratio	Lower	Upper
93	100		
63	77.1	55.0	95.0
95	29.8	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 15.76 ng
RT: 8.06 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion	146	Resp	120757
Ion	Ratio	Lower	Upper
146	100		
148	57.6	50.3	75.5
75	41.7	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 16.25 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

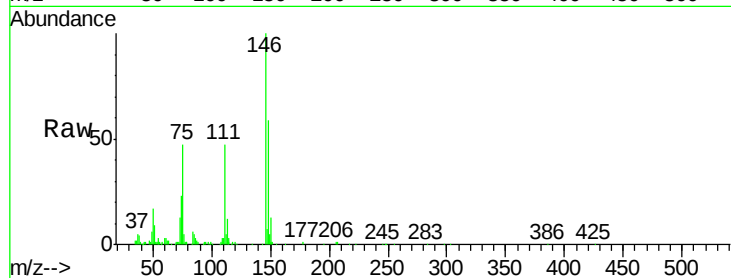
Tot Ion:146 Resp: 124761

Ion Ratio Lower Upper

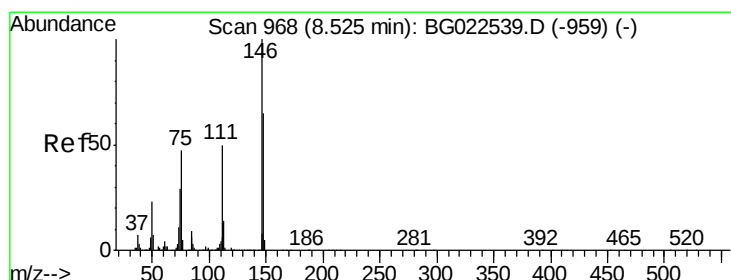
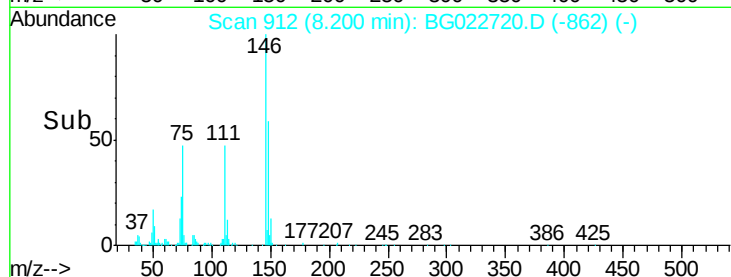
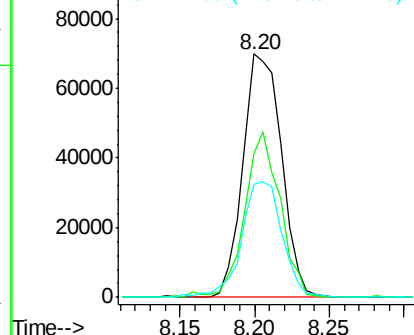
146 100

148 59.3 54.5 81.7

111 46.7 37.8 56.8



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



#14

1,2-Dichlorobenzene

Concen: 16.70 ng

RT: 8.53 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

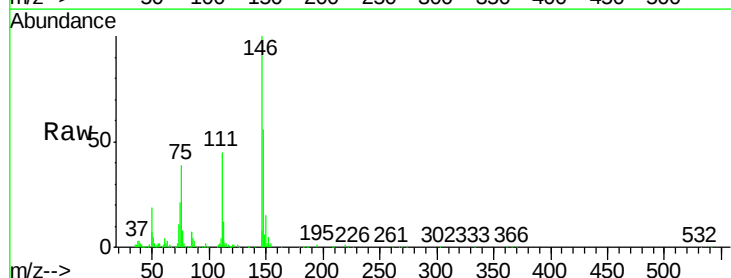
Tgt Ion:146 Resp: 121961

Ion Ratio Lower Upper

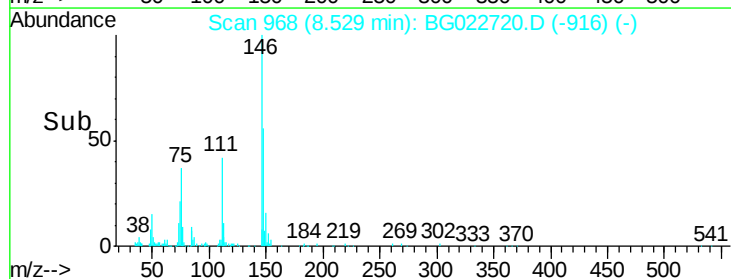
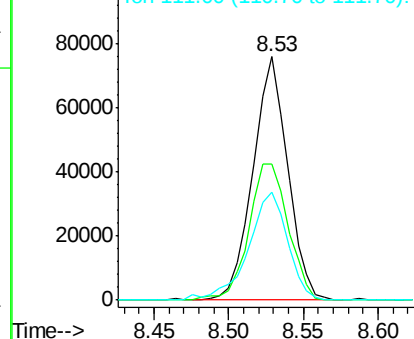
146 100

148 55.7 52.9 79.3

111 44.5 43.5 65.3



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





#15

Benzyl Alcohol

Concen: 20.20 ng

RT: 8.41 min Scan# 948

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

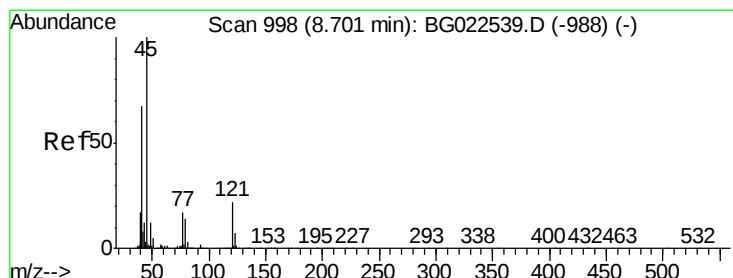
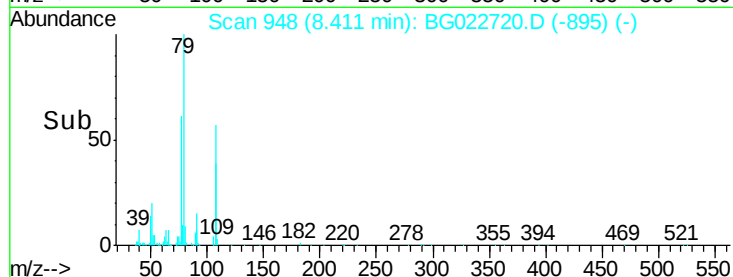
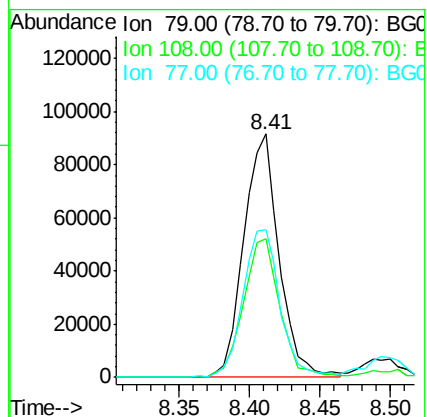
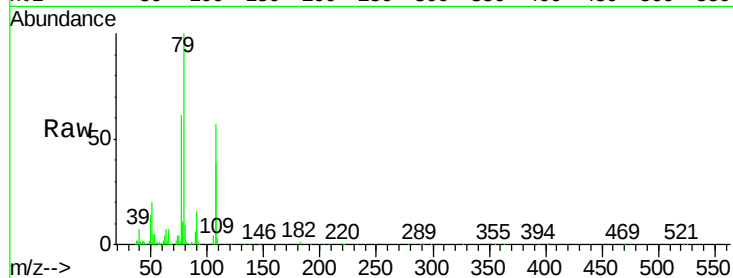
Tot Ion: 79 Resp: 160139

Ion Ratio Lower Upper

79 100

108 56.7 46.5 69.7

77 60.7 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.40 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

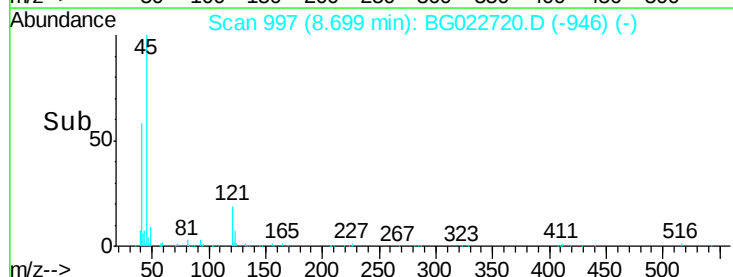
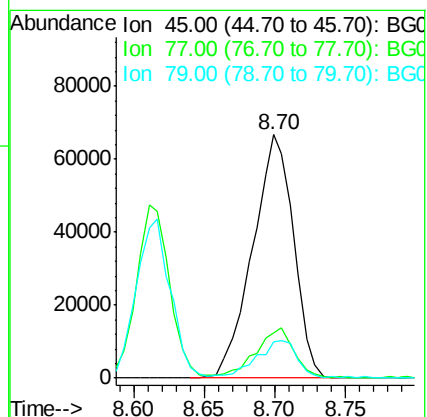
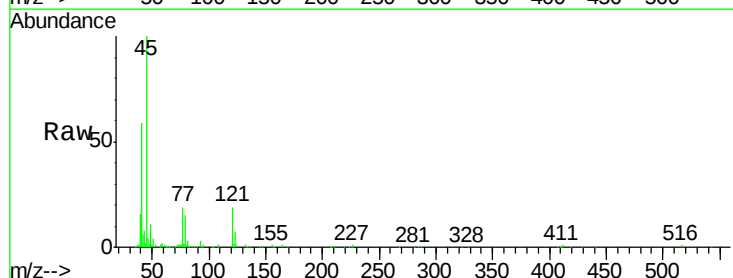
Tgt Ion: 45 Resp: 135192

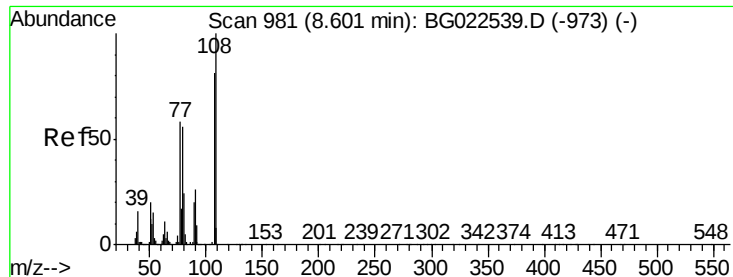
Ion Ratio Lower Upper

45 100

77 18.7 0.6 40.6

79 15.1 0.0 36.2

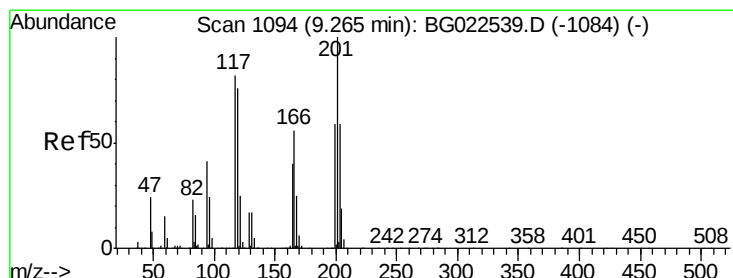
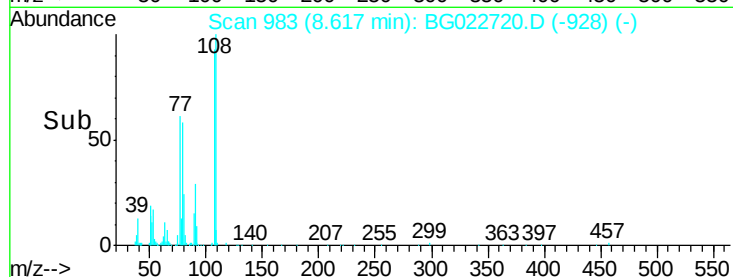
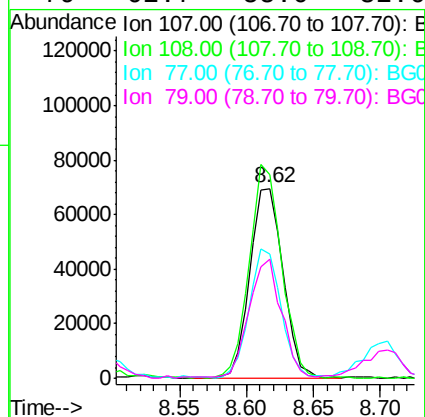
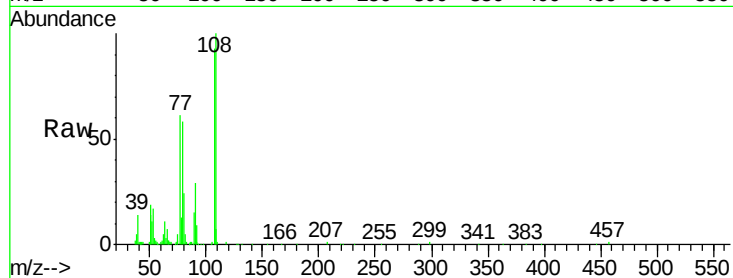




#17
2-Methylphenol
Concen: 19.93 ng
RT: 8.62 min Scan# 983
Delta R.T. 0.02 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

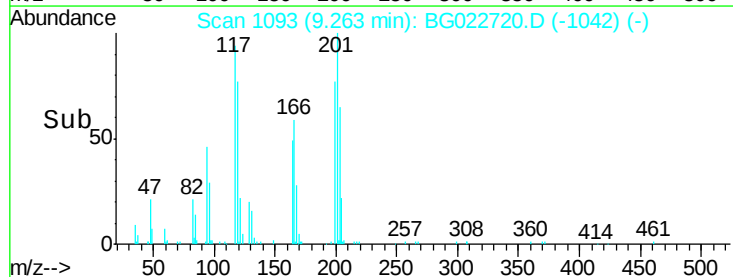
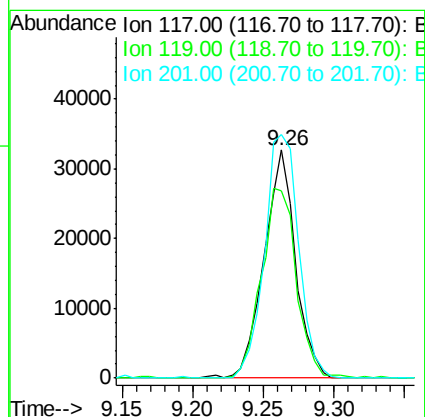
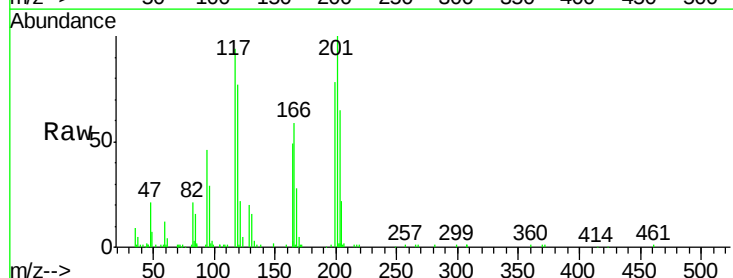
Instrument :
BNA_G
ClientSampleId :
PB91664BS

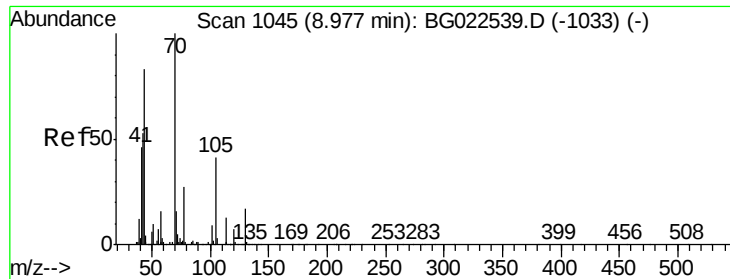
Tot Ion:	107	Resp:	118955
Ion	Ratio	Lower	Upper
107	100		
108	107.3	92.0	138.0
77	65.6	55.8	83.6
79	62.7	55.0	82.6



#18
Hexachloroethane
Concen: 16.07 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:	117	Resp:	51083
Ion	Ratio	Lower	Upper
117	100		
119	81.9	73.7	110.5
201	106.8	88.7	133.1

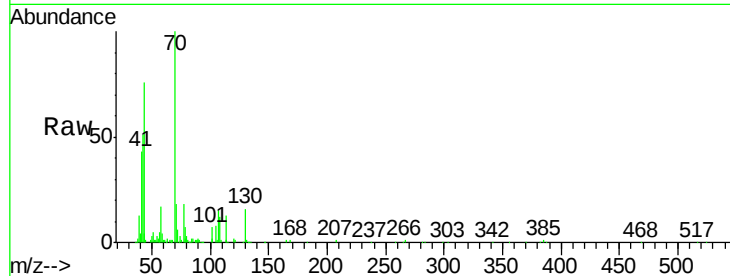




#19
n-Nitroso-di-n-propylamine
Concen: 16.82 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Instrument :
BNA_G
ClientSampleId :
PB91664BS

Tot Ion:	70	Resp:	119959
Ion	Ratio	Lower	Upper
70	100		
42	50.9	42.1	63.1
101	6.6	7.2	10.8#
130	16.4	14.2	21.2



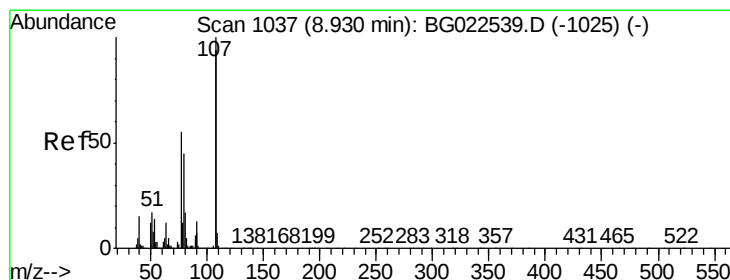
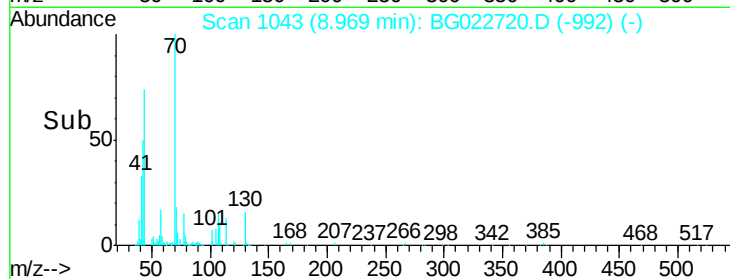
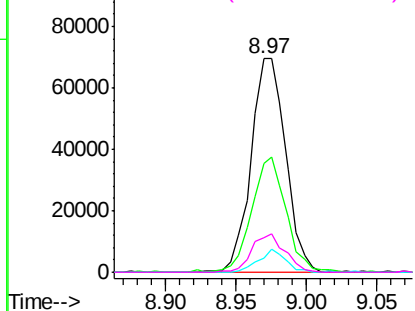
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

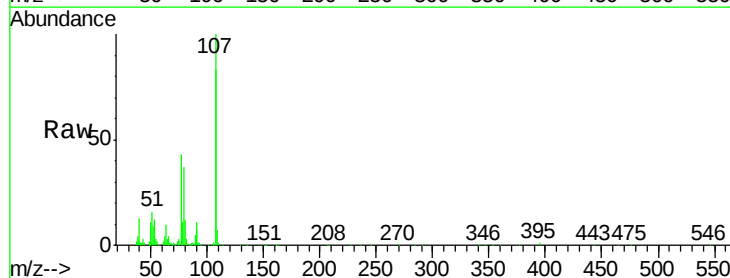
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 20.93 ng
RT: 8.94 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:	107	Resp:	172020
Ion	Ratio	Lower	Upper
107	100		
108	82.9	72.5	112.5
77	43.0	30.1	70.1
79	37.5	24.2	64.2



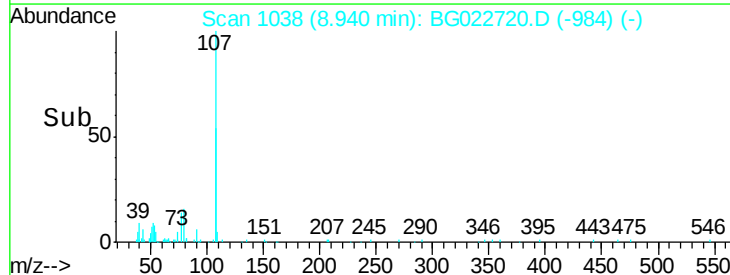
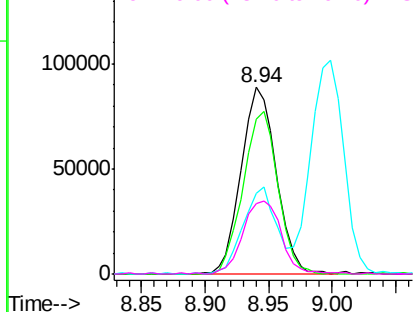
Abundance

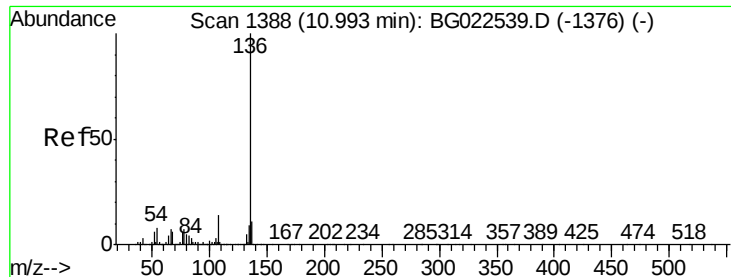
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

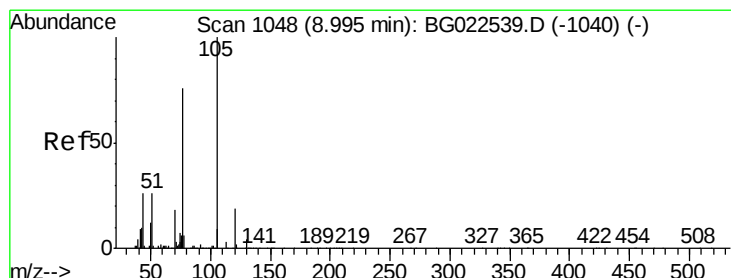
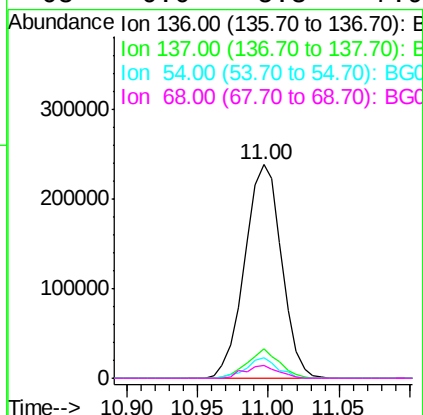
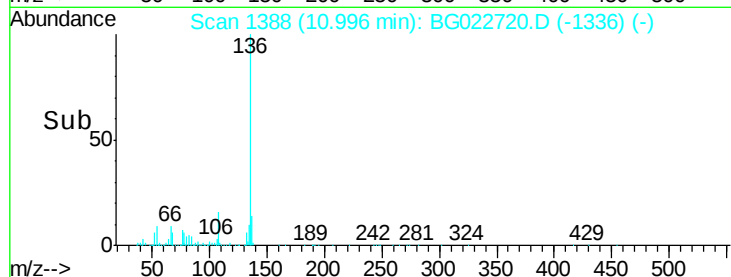
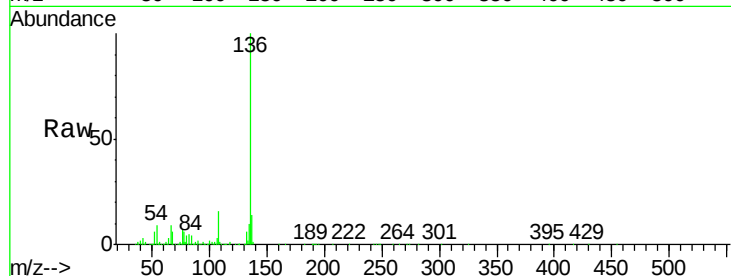




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

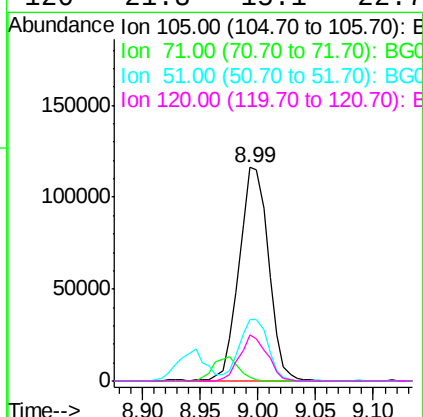
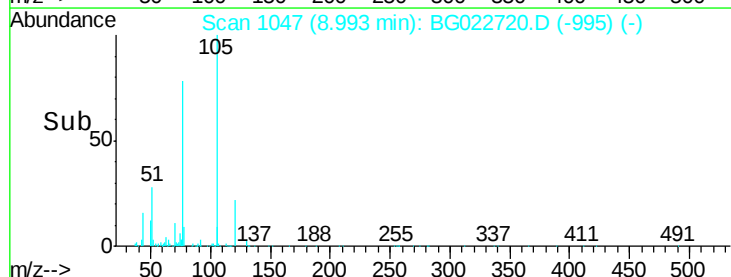
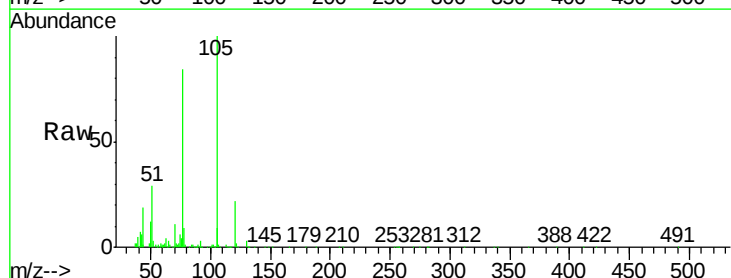
Instrument :
BNA_G
ClientSampleId :
PB91664BS

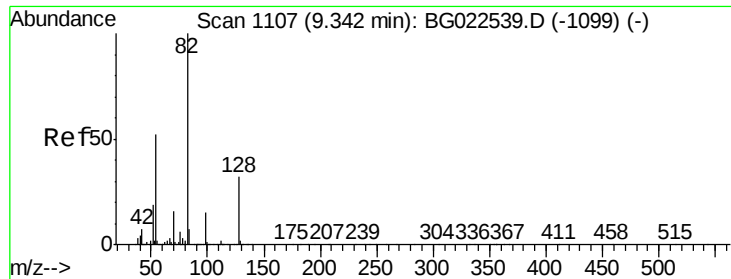
Tot Ion:136	Resp:	436231	
Ion Ratio	Lower	Upper	
136 100			
137 13.7	9.6	14.4	
54 9.4	7.3	10.9	
68 6.0	5.3	7.9	



#22
Acetophenone
Concen: 16.38 ng
RT: 8.99 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt	Ion:105	Resp:	206552
Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.6	3.8#
51	28.9	27.1	40.7
120	21.8	15.1	22.7

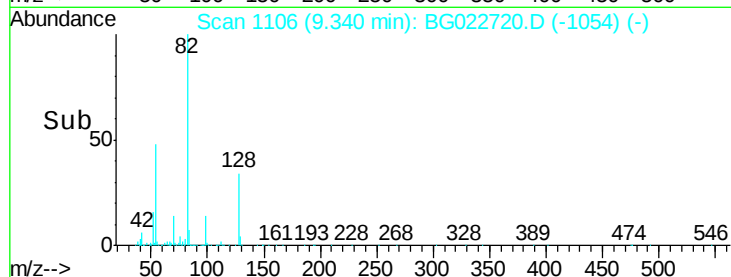
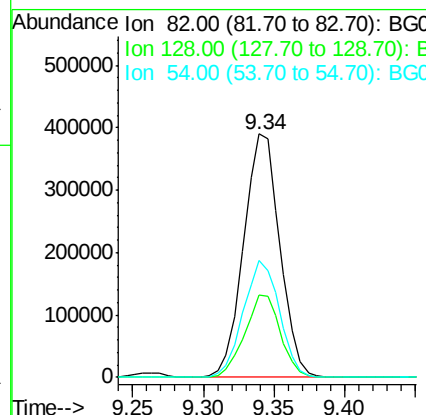
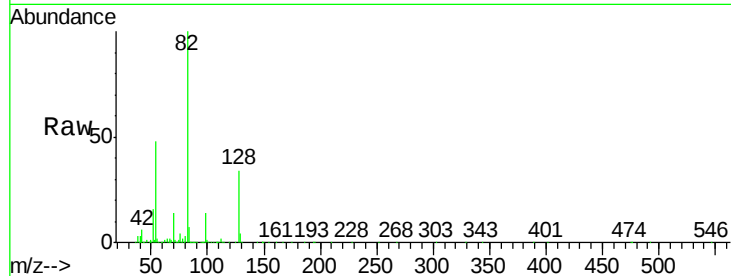




#23
 Nitrobenzene-d5
 Concen: 67.78 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

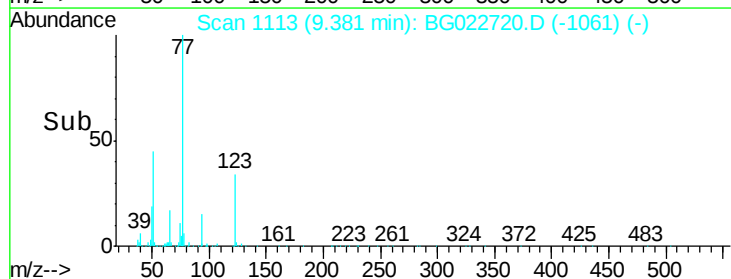
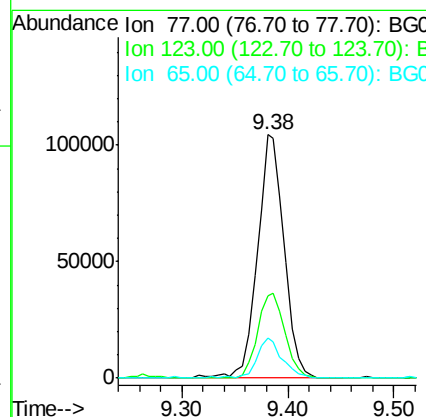
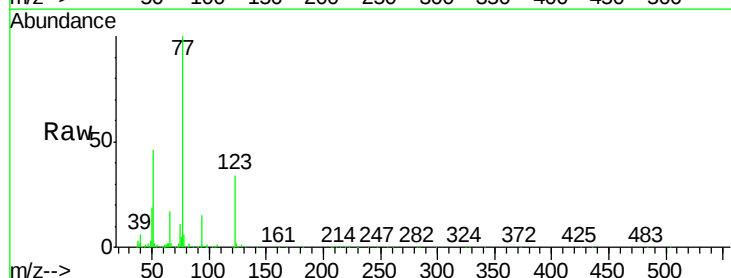
Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

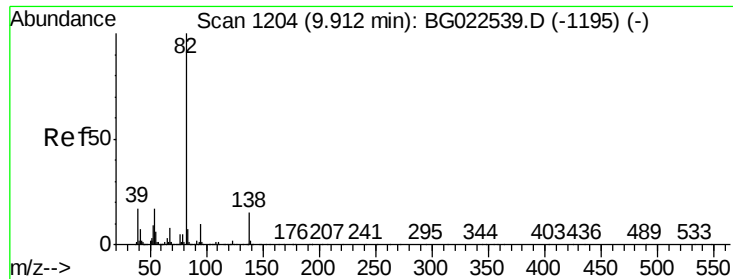
Tot Ion	82	Resp	698603
Ion Ratio	100	Lower	Upper
128	34.1	24.4	36.6
54	48.2	41.4	62.0



#24
 Nitrobenzene
 Concen: 16.10 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Tgt Ion	77	Resp	183437
Ion Ratio	100	Lower	Upper
123	34.0	25.0	37.6
65	16.6	13.4	20.0





#25

Isophorone

Concen: 16.10 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

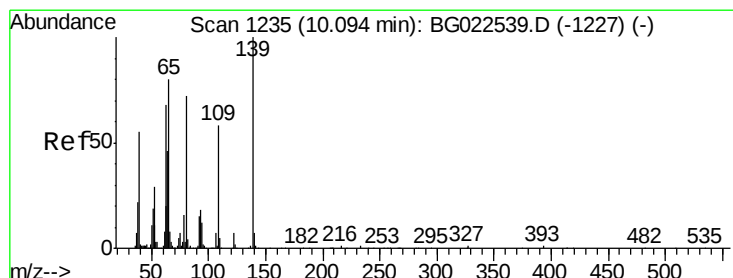
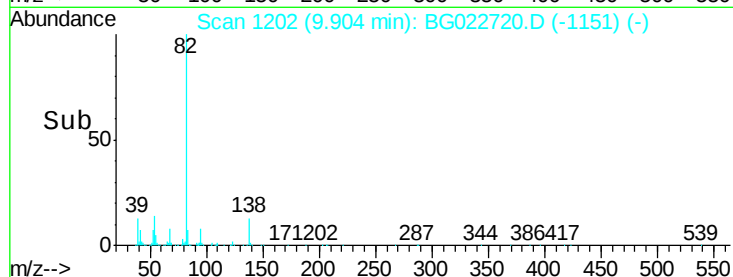
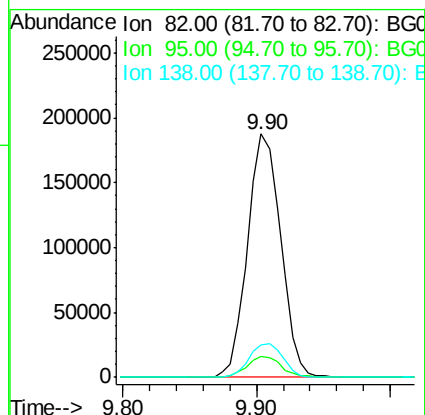
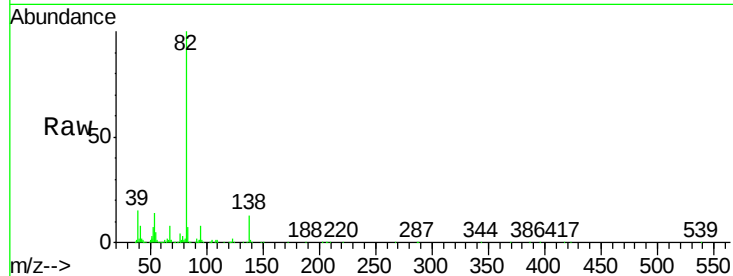
Tot Ion: 82 Resp: 322192

Ion Ratio Lower Upper

82 100

95 8.4 8.2 12.2

138 13.4 10.7 16.1



#26

2-Nitrophenol

Concen: 16.96 ng

RT: 10.10 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

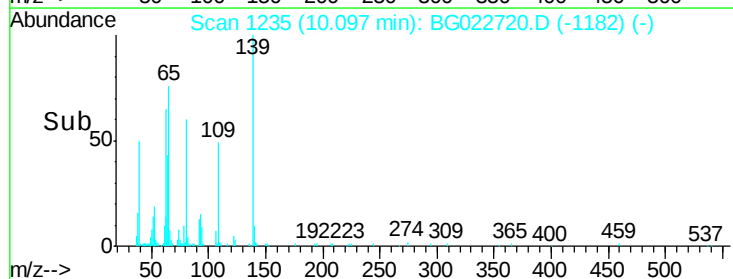
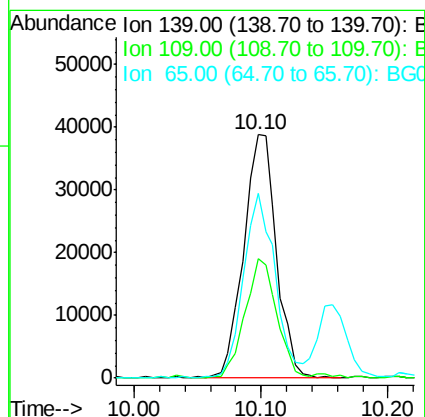
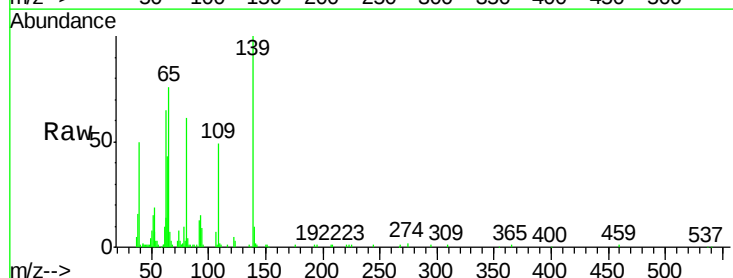
Tgt Ion: 139 Resp: 69597

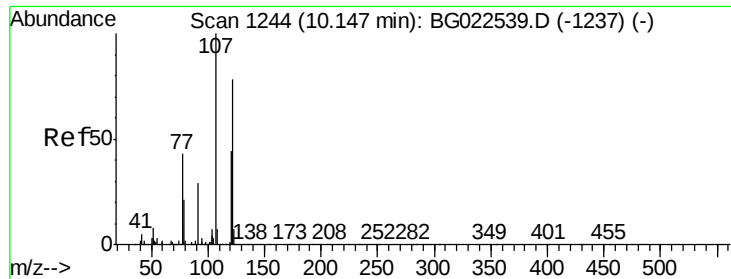
Ion Ratio Lower Upper

139 100

109 49.1 43.5 65.3

65 75.7 64.3 96.5

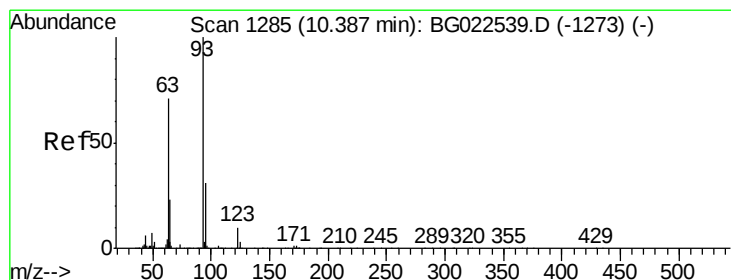
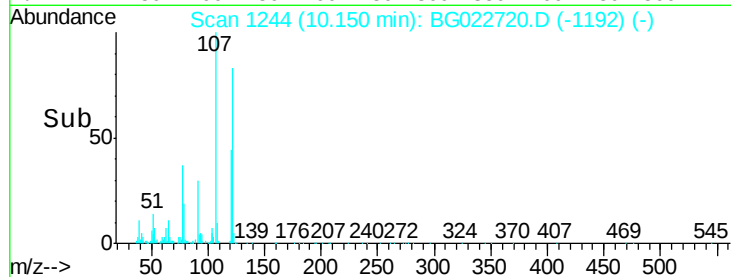
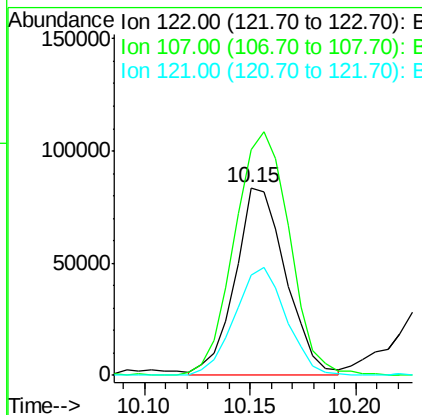
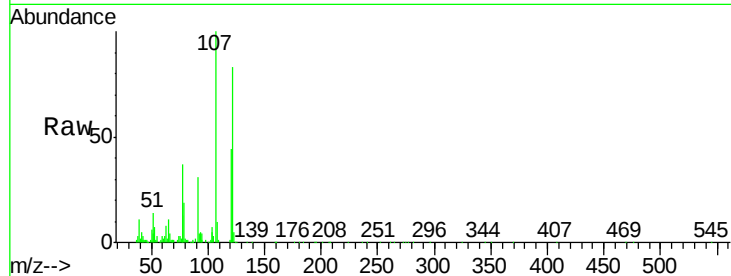




#27
 2,4-Dimethylphenol
 Concen: 17.79 ng
 RT: 10.15 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

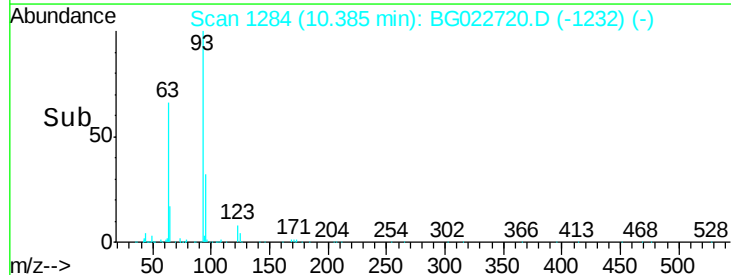
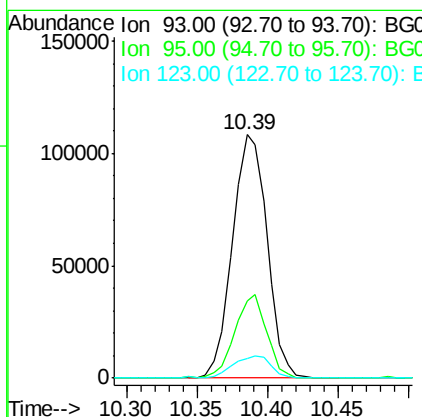
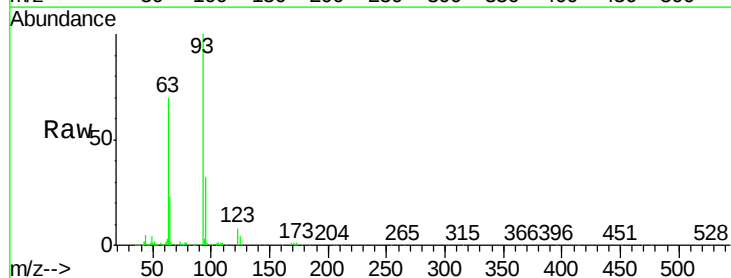
Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

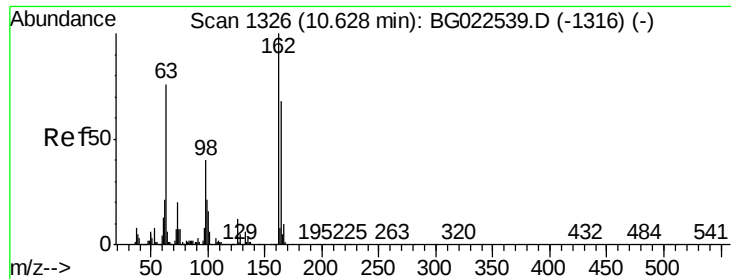
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	117.0	175.4
121	53.3	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 17.00 ng
 RT: 10.39 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.4	38.2
123	7.9	8.2	12.2#

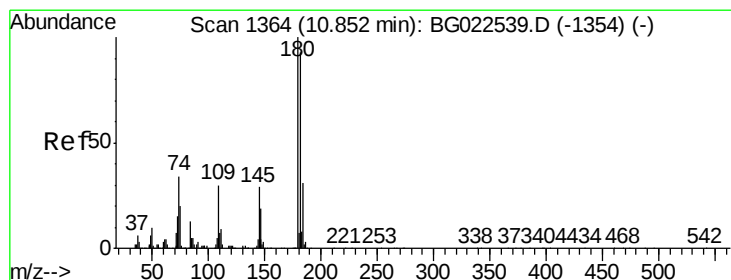
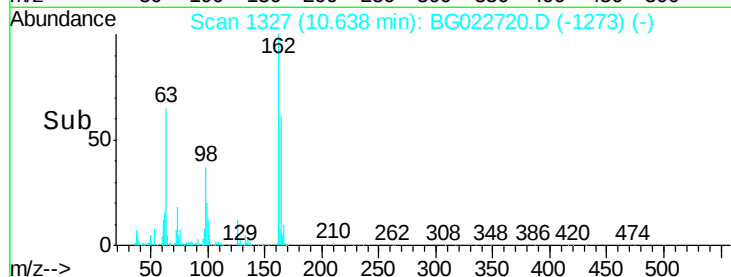
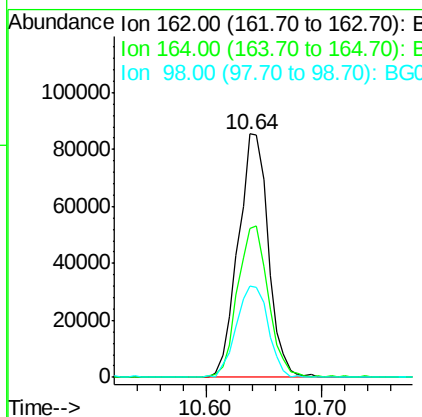
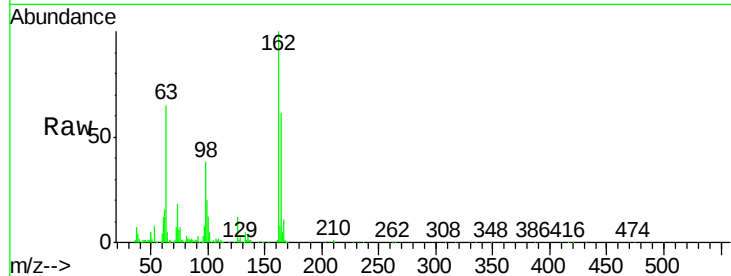




#29
2,4-Dichlorophenol
Concen: 20.26 ng
RT: 10.64 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

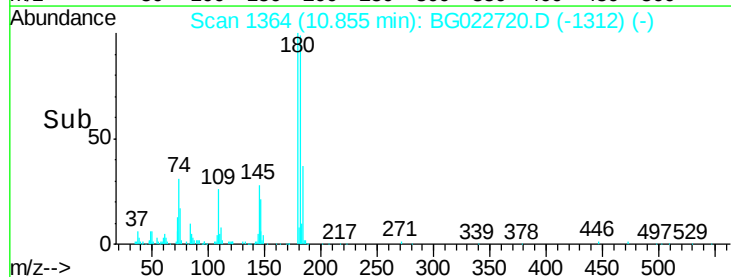
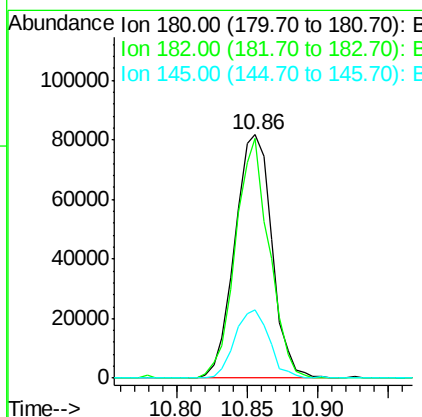
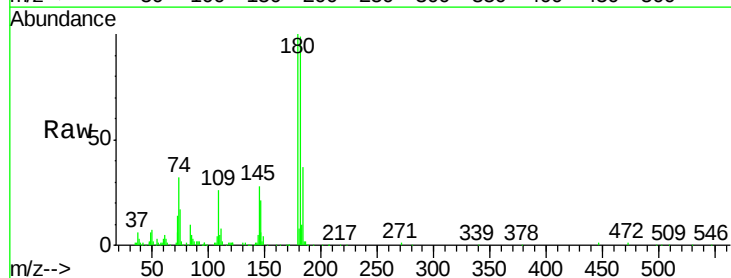
Instrument :
BNA_G
ClientSampleId :
PB91664BS

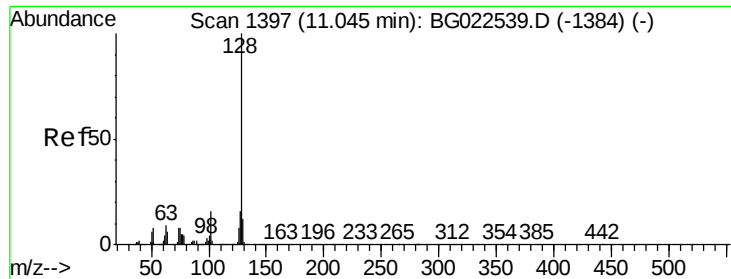
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	44.3	84.3
98	37.7	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 16.48 ng
RT: 10.86 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	73.8	110.8
145	28.0	24.4	36.6

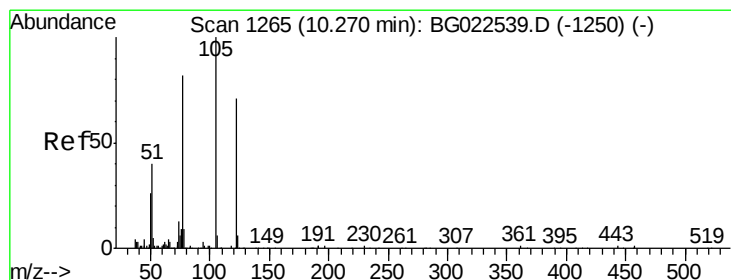
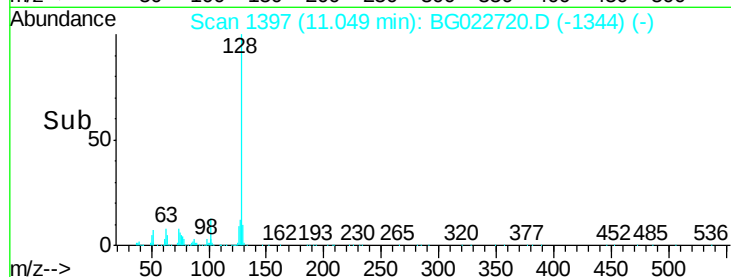
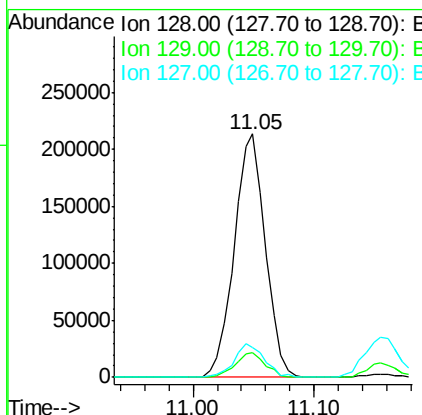
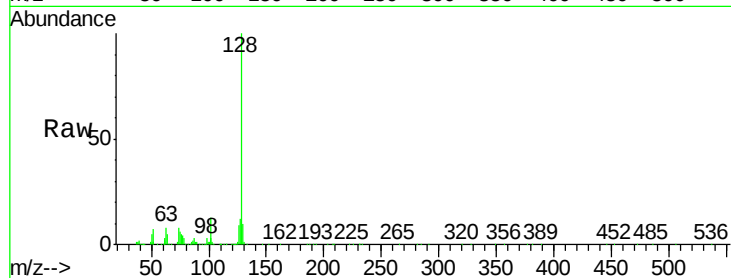




#31
Naphthalene
Concen: 17.40 ng
RT: 11.05 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

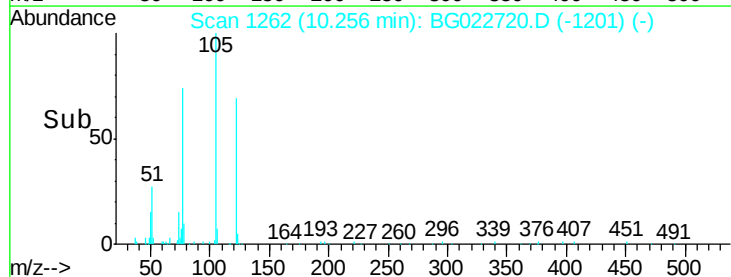
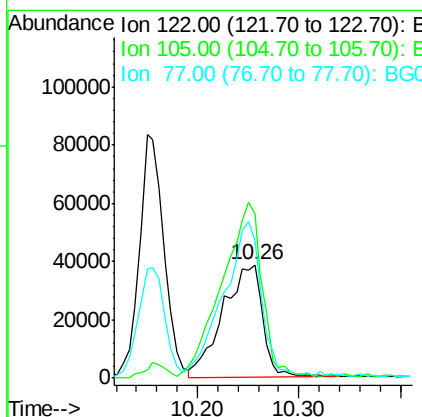
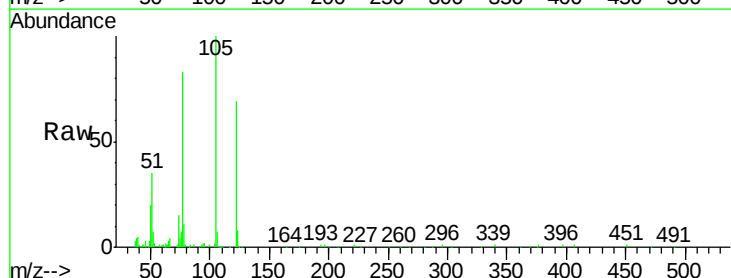
Instrument :
BNA_G
ClientSampleId :
PB91664BS

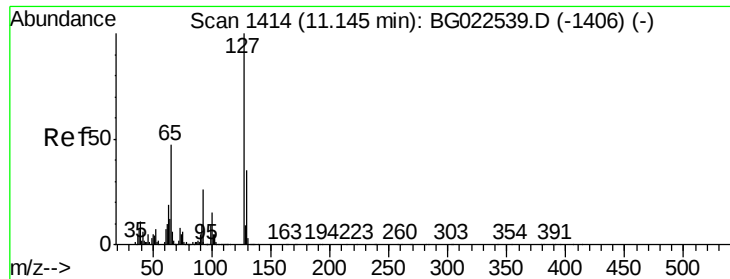
Tot Ion:128 Resp: 381571
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.0
127 12.4 11.3 16.9



#32
Benzoic acid
Concen: 23.58 ng
RT: 10.26 min Scan# 1262
Delta R.T. 0.06 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:122 Resp: 105925
Ion Ratio Lower Upper
122 100
105 144.7 117.2 157.2
77 120.6 109.2 149.2

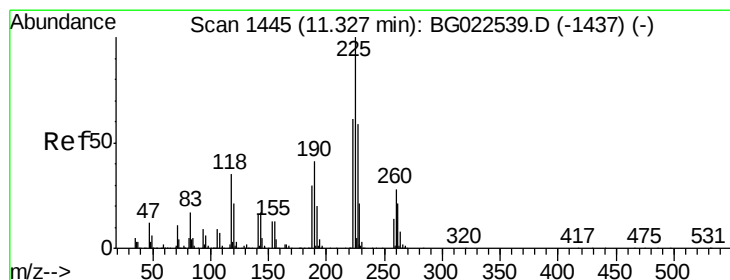
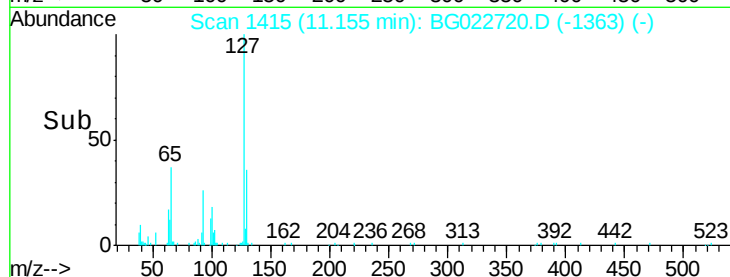
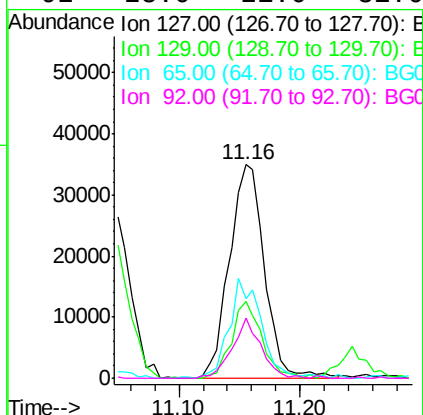
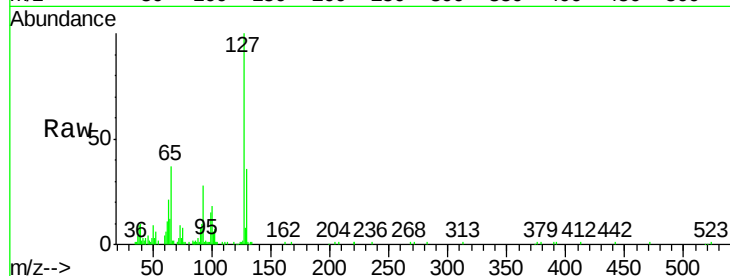




#33
4-Chloroaniline
Concen: 7.47 ng
RT: 11.16 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

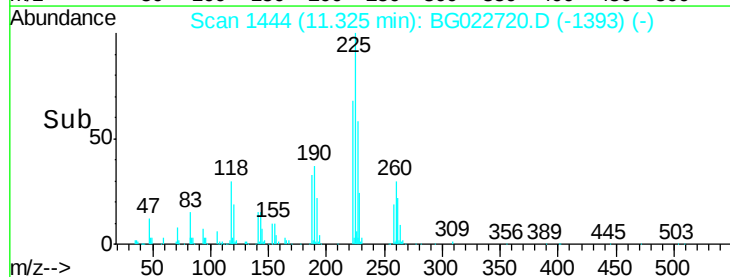
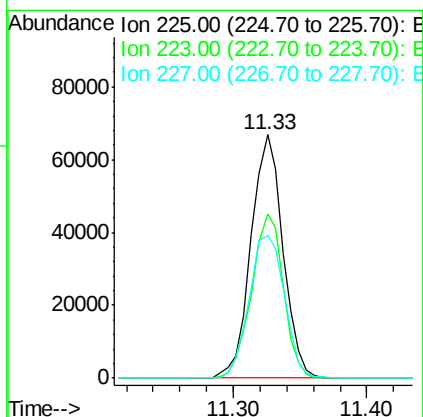
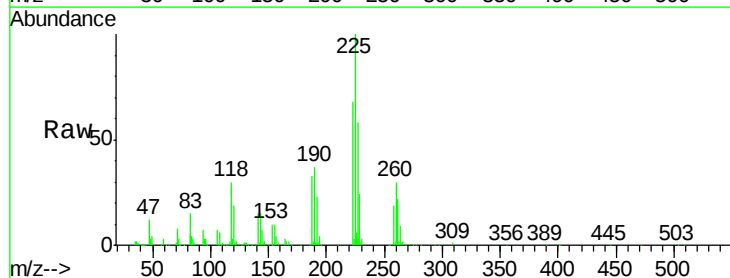
Instrument :
BNA_G
ClientSampleId :
PB91664BS

Tot Ion:	127	Resp:	70515
Ion	Ratio	Lower	Upper
127	100		
129	36.3	27.9	41.9
65	37.4	36.8	55.2
92	28.0	21.0	31.6



#34
Hexachlorobutadiene
Concen: 15.56 ng
RT: 11.33 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:	225	Resp:	109659
Ion	Ratio	Lower	Upper
225	100		
223	67.6	49.6	74.4
227	61.3	54.5	81.7





#35

Caprolactam

Concen: 25.21 ng/ml

RT: 11.92 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

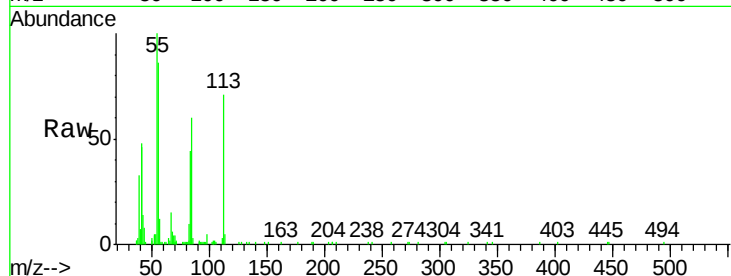
Tot Ion:113 Resp: 60655

Ion Ratio Lower Upper

113 100

55 140.7 154.5 194.5#

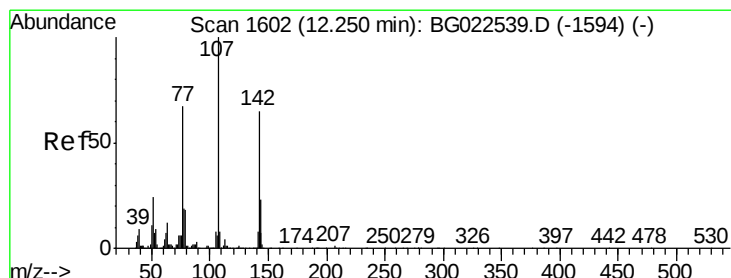
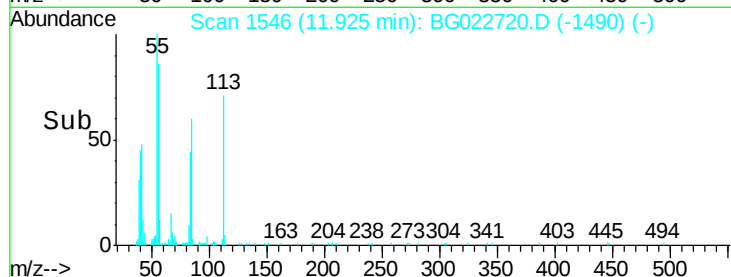
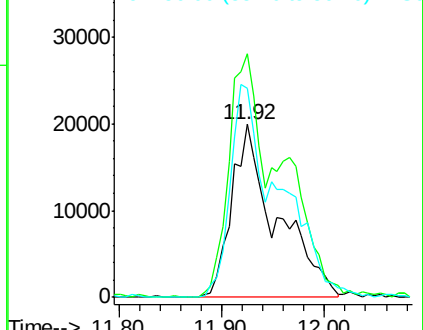
56 121.1 125.1 165.1#



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: 22.08 ng/ml

RT: 12.27 min Scan# 1605

Delta R.T. 0.03 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

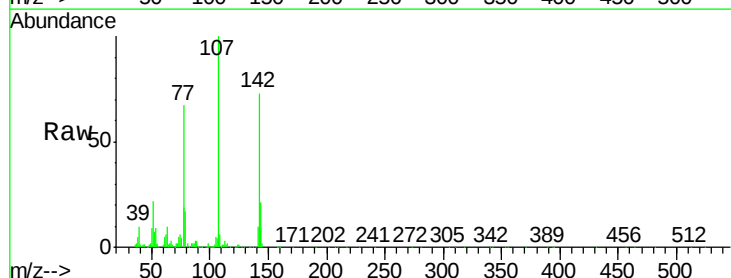
Tgt Ion:107 Resp: 206996

Ion Ratio Lower Upper

107 100

144 21.3 17.0 25.6

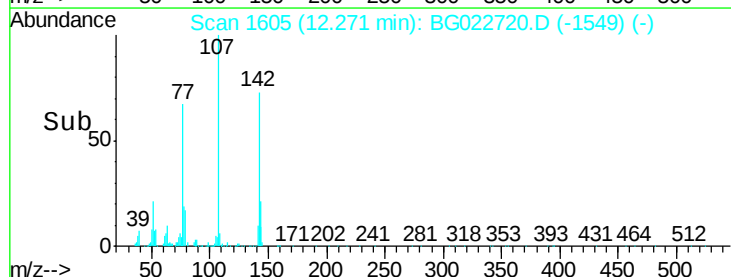
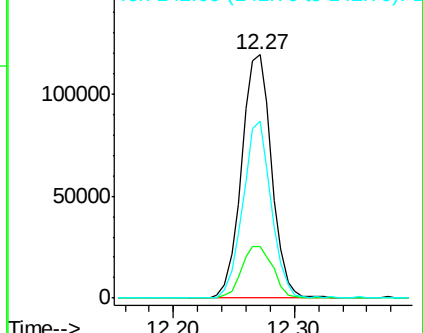
142 72.6 53.0 79.6

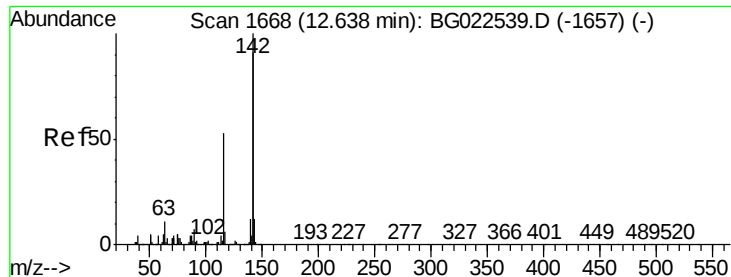


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

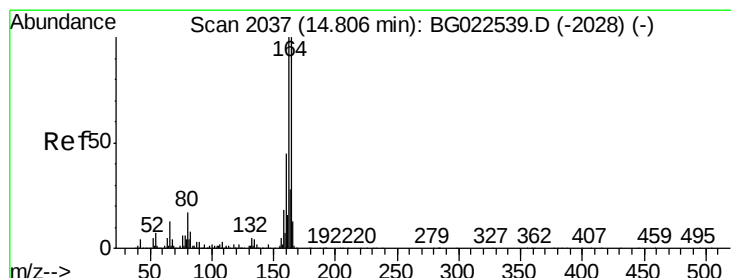
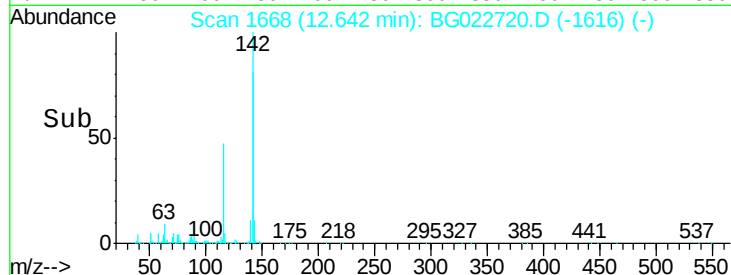
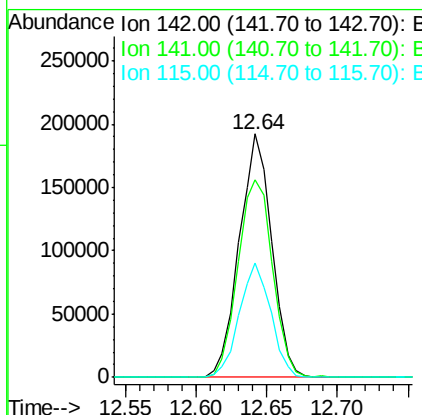
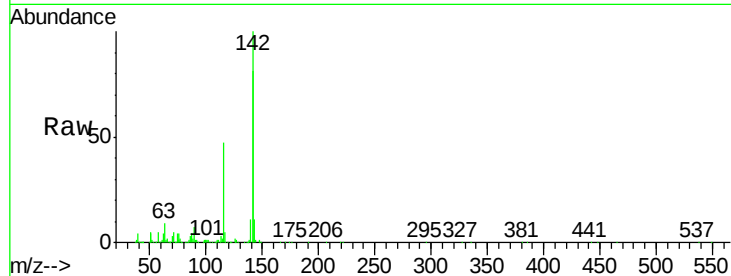




#37
2-Methylnaphthalene
Concen: 18.23 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

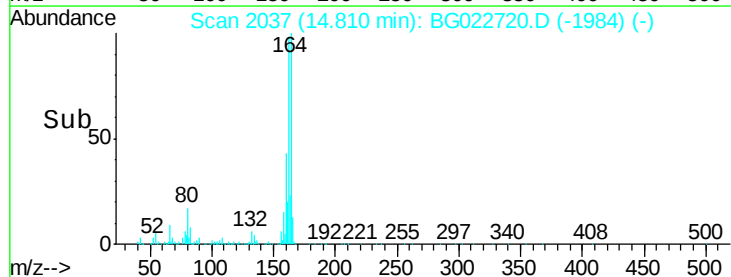
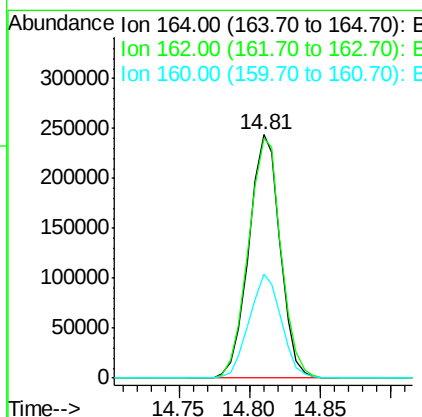
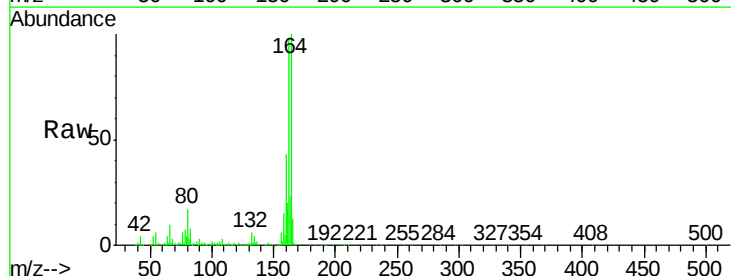
Instrument :
BNA_G
ClientSampleId :
PB91664BS

Tot Ion:142 Resp: 309972
Ion Ratio Lower Upper
142 100
141 81.2 70.2 105.2
115 46.8 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:164 Resp: 379866
Ion Ratio Lower Upper
164 100
162 98.3 87.7 131.5
160 42.8 37.2 55.8

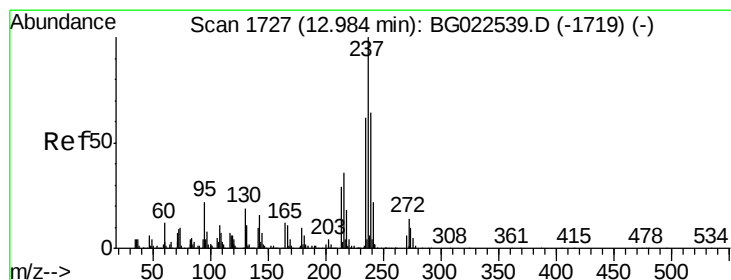
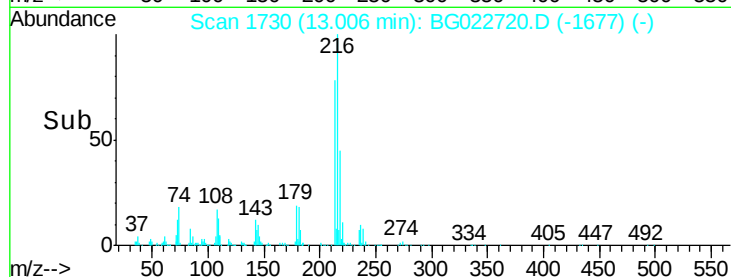
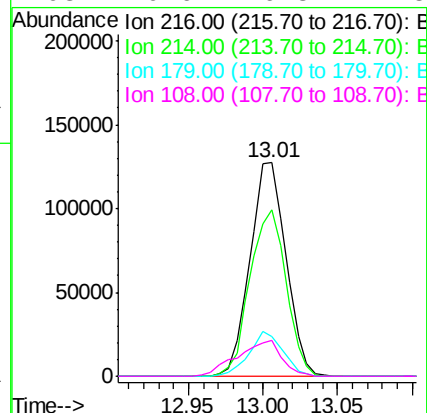
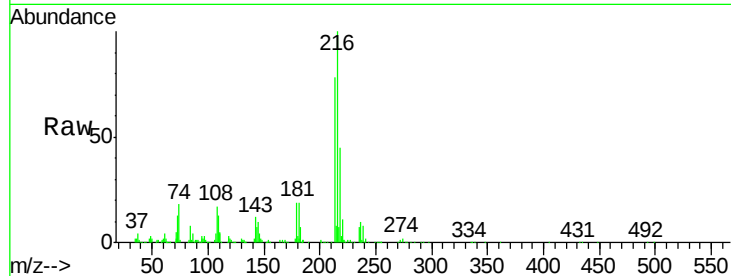




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.80 ng
 RT: 13.01 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

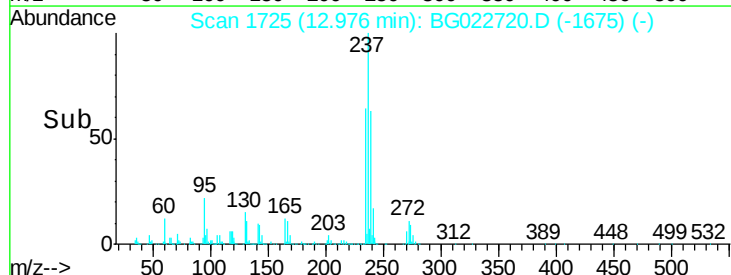
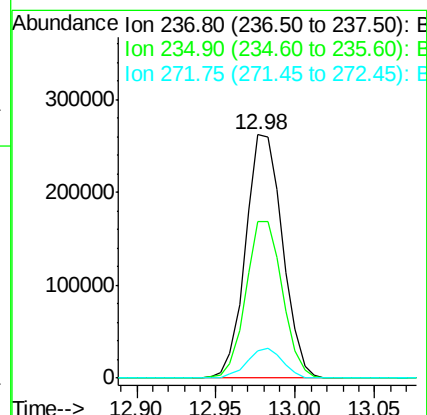
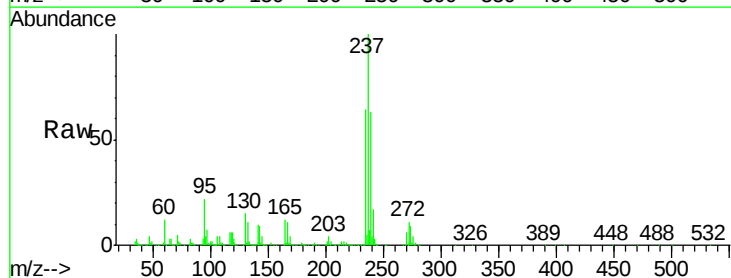
Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

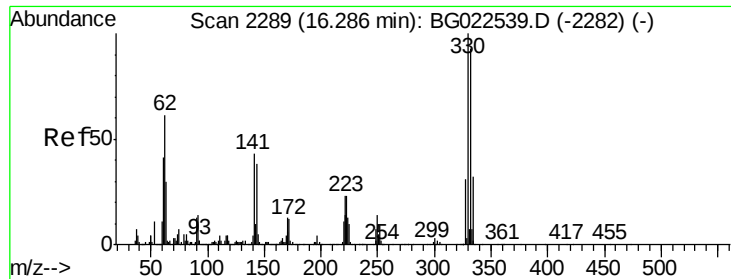
Tot Ion:	216	Resp:	212249
Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.9	94.3
179	19.6	17.2	25.8
108	20.6	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 37.02 ng
 RT: 12.98 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Tgt Ion:	237	Resp:	423819
Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.1	83.1
272	11.0	0.0	30.9

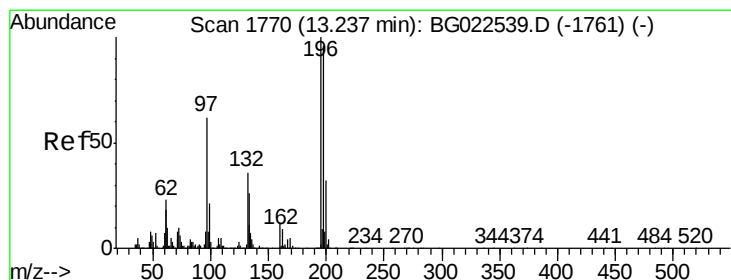
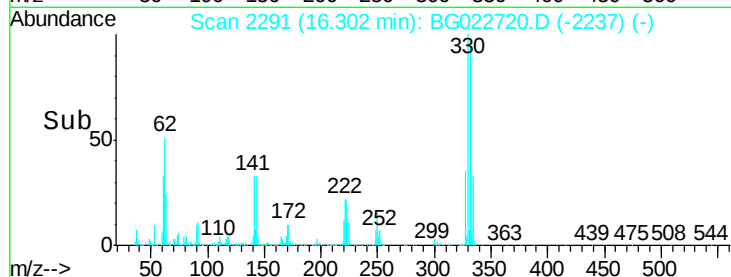
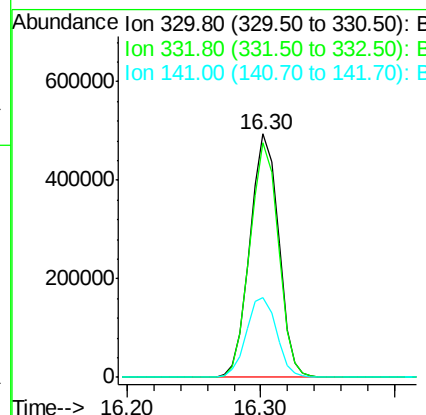
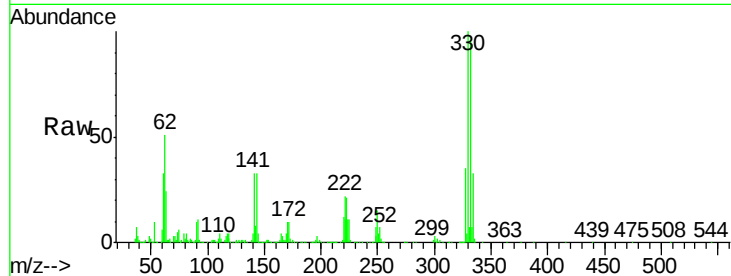




#41
 2,4,6-Tribromophenol
 Concen: 122.91 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

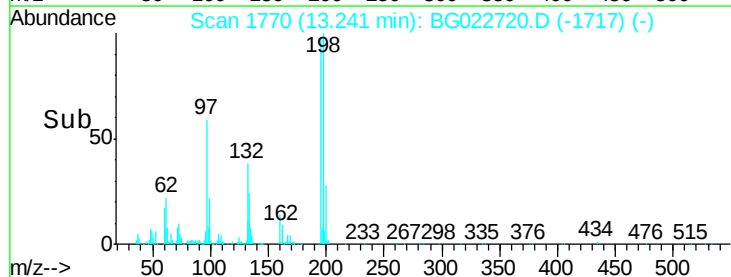
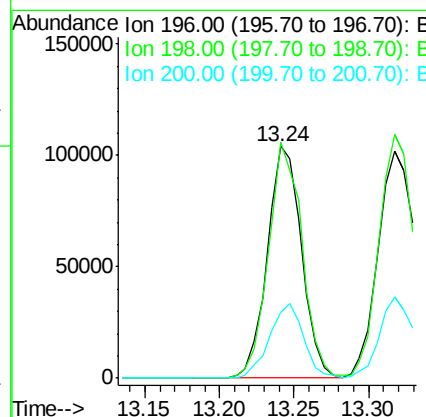
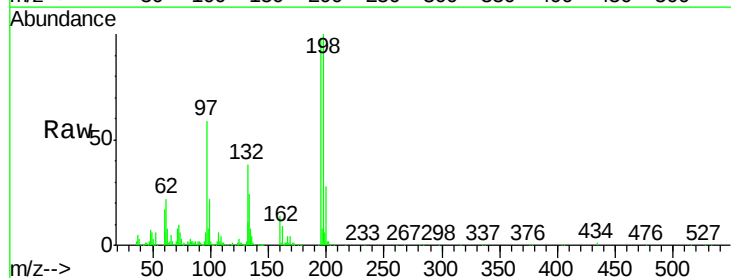
Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

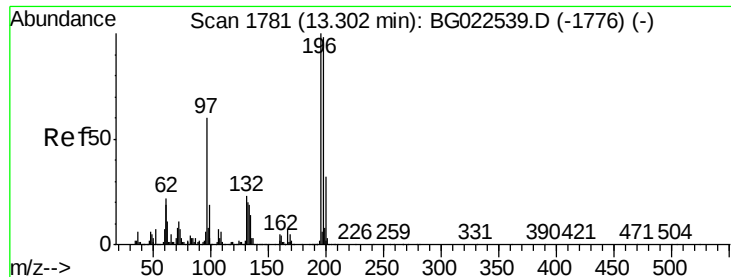
Tot Ion:330 Resp: 734382
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 34.7 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 17.97 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Tgt Ion:196 Resp: 165259
 Ion Ratio Lower Upper
 196 100
 198 102.1 78.2 117.2
 200 28.3 27.0 40.4

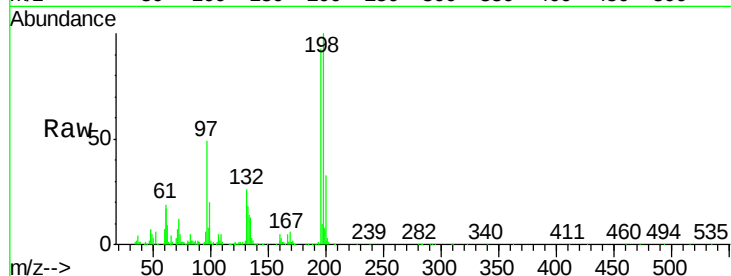




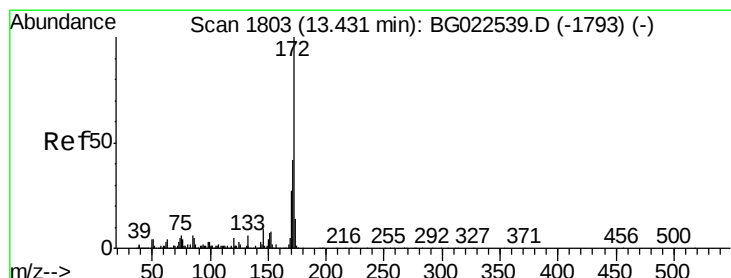
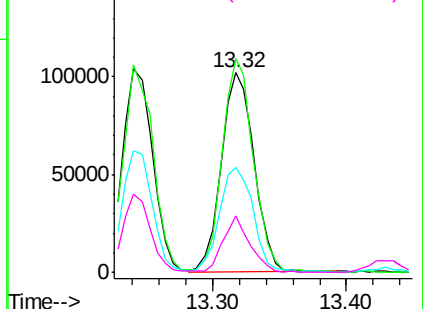
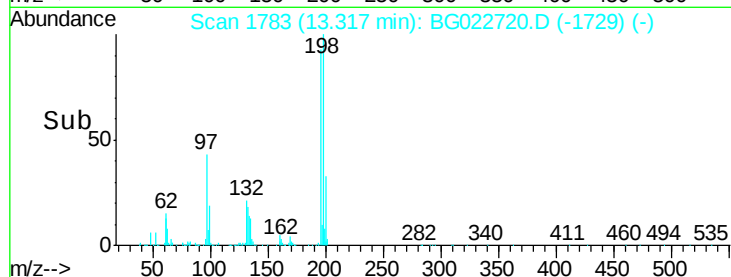
#43
2,4,5-Trichlorophenol
Concen: 18.16 ng
RT: 13.32 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Instrument :
BNA_G
ClientSampleId :
PB91664BS

Tot Ion:196 Resp: 174764
Ion Ratio Lower Upper
196 100
198 107.0 85.7 128.5
97 52.4 45.5 68.3
132 28.0 18.9 28.3

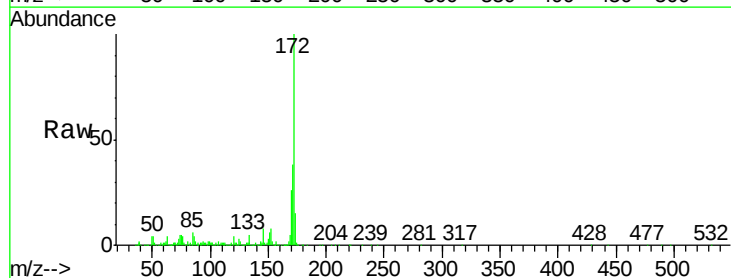


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

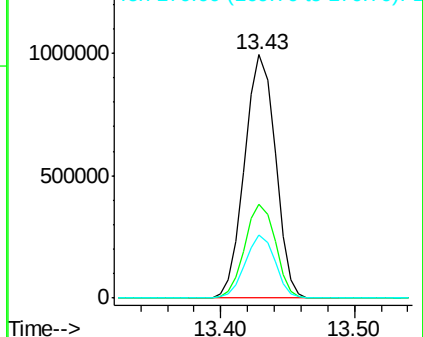
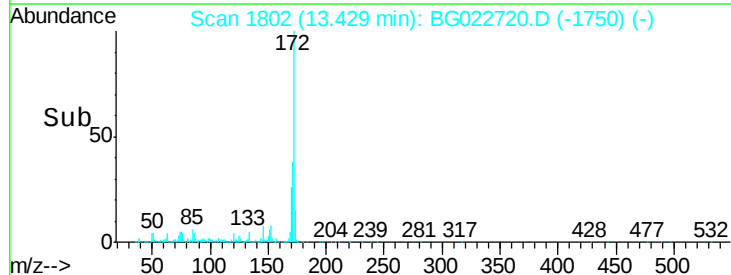


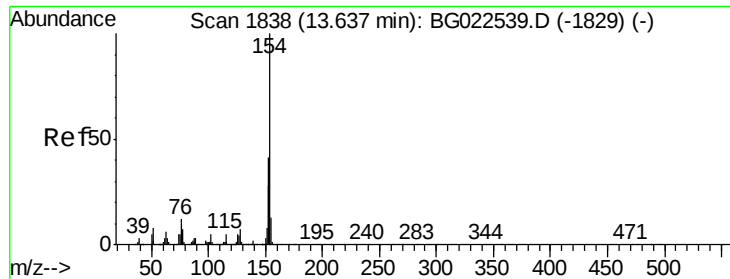
#44
2-Fluorobiphenyl
Concen: 66.15 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:172 Resp: 1584495
Ion Ratio Lower Upper
172 100
171 38.4 31.6 47.4
170 26.0 21.3 31.9



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

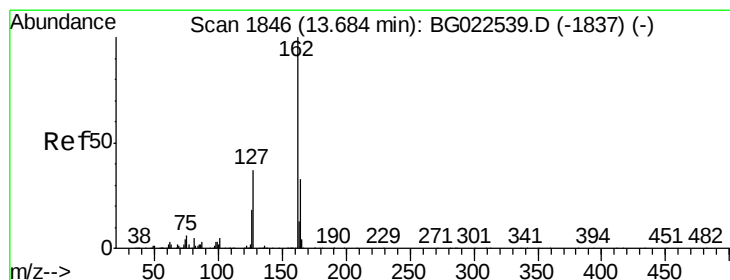
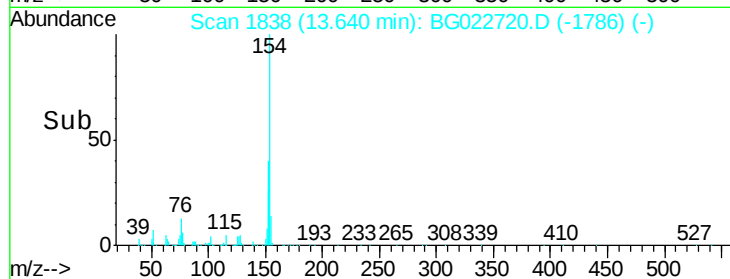
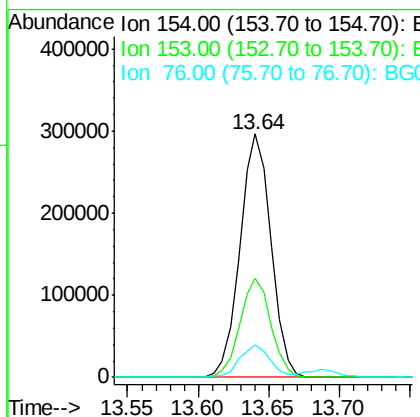
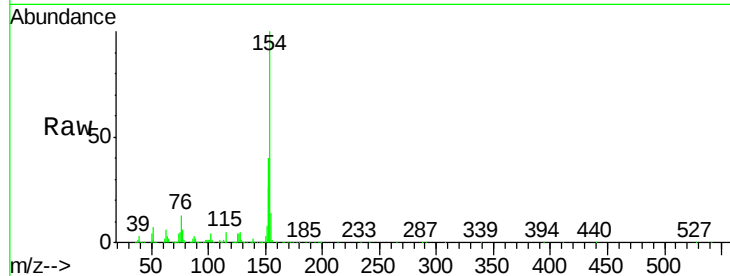




#45
 1,1'-Biphenyl
 Concen: 15.66 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

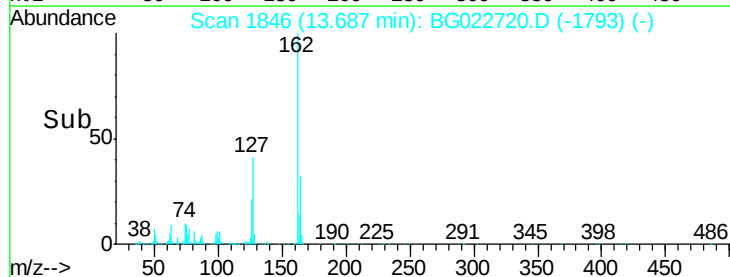
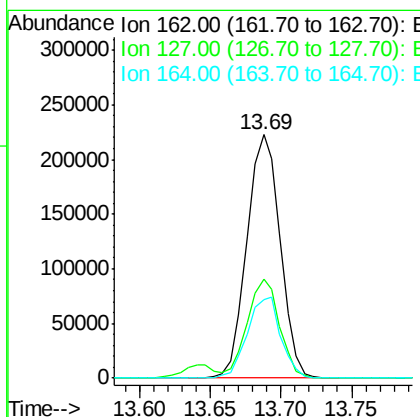
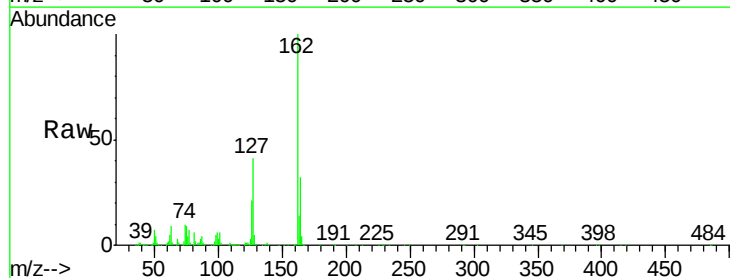
Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

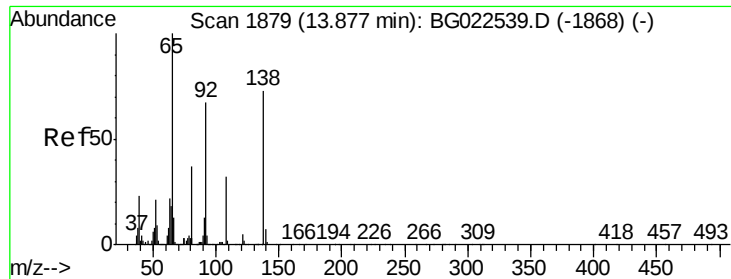
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.2	60.2
76	13.1	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 15.49 ng
 RT: 13.69 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.4	48.6
164	32.0	25.2	37.8

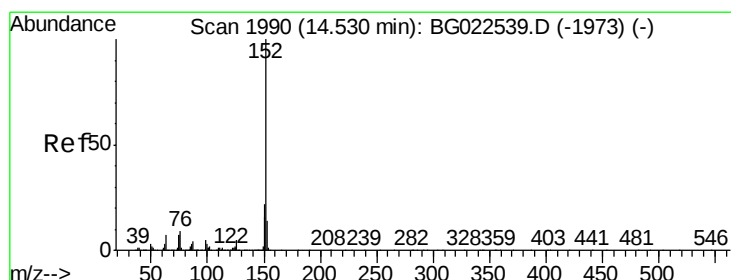
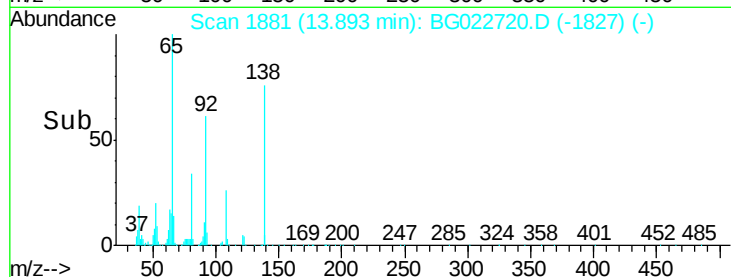
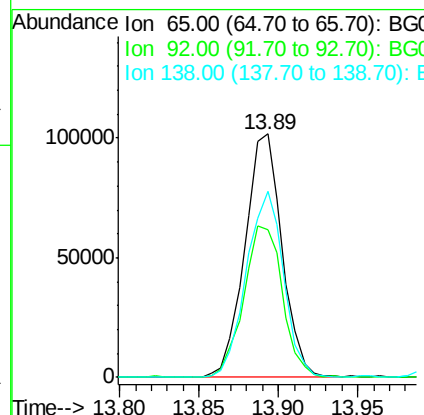
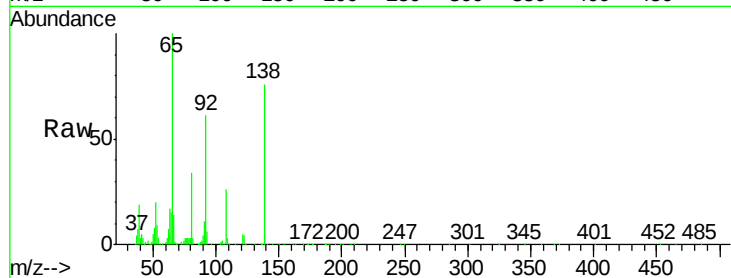




#47
2-Nitroaniline
Concen: 17.97 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

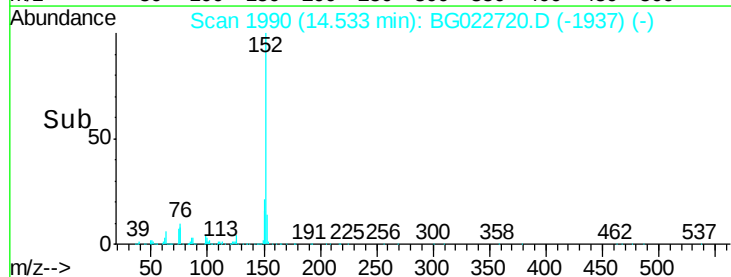
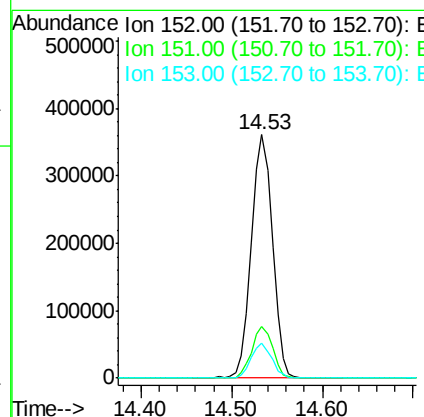
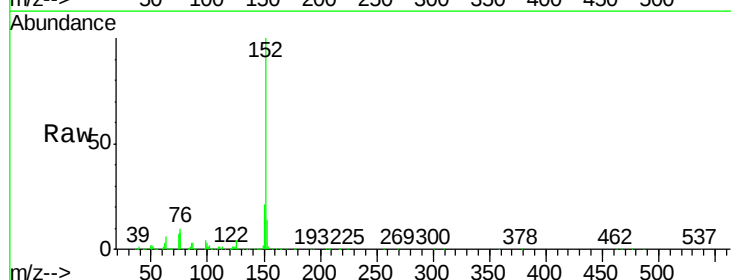
Instrument :
BNA_G
ClientSampleId :
PB91664BS

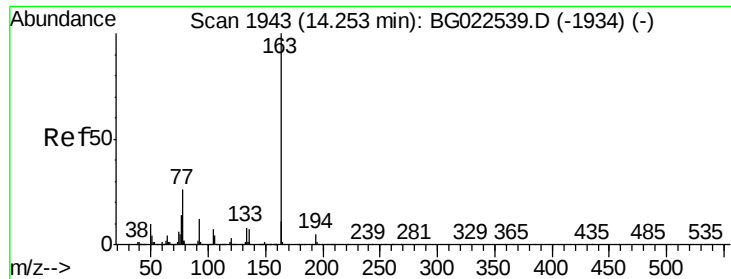
Tot Ion: 65 Resp: 165113
Ion Ratio Lower Upper
65 100
92 60.6 49.4 74.0
138 76.3 58.0 87.0



#48
Acenaphthylene
Concen: 16.90 ng
RT: 14.53 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion: 152 Resp: 583519
Ion Ratio Lower Upper
152 100
151 21.3 17.6 26.4
153 14.2 11.4 17.2





#49

Dimethylphthalate

Concen: 17.68 ng

RT: 14.26 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

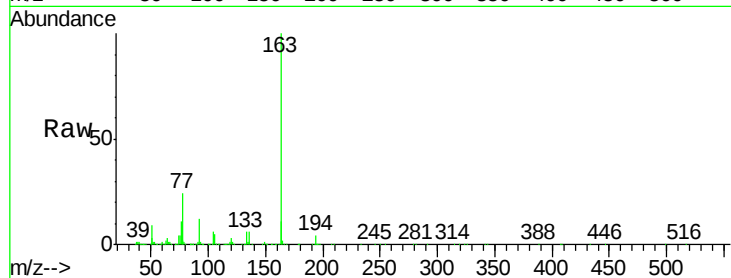
Tot Ion:163 Resp: 557215

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 10.9 8.1 12.1

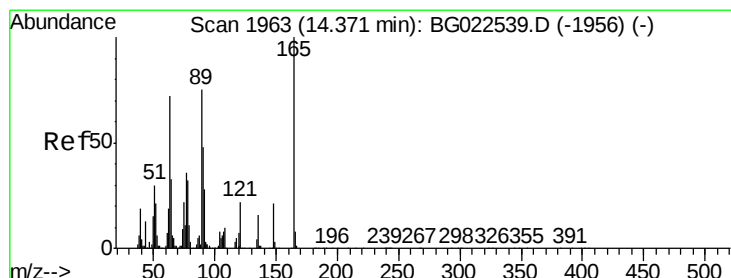
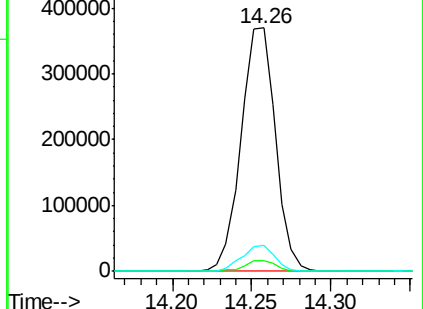
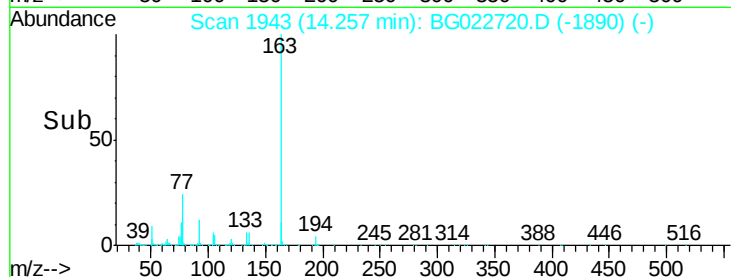


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#50

2,6-Dinitrotoluene

Concen: 17.17 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

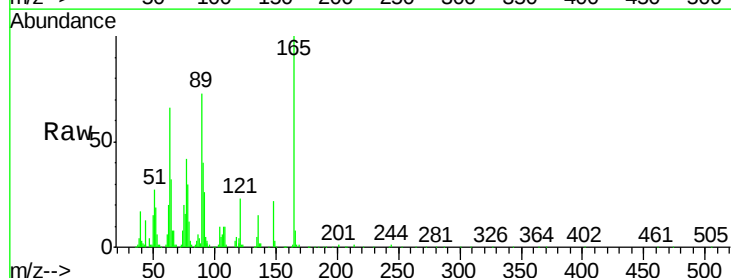
Tgt Ion:165 Resp: 117571

Ion Ratio Lower Upper

165 100

63 65.8 64.3 96.5

89 72.8 64.3 96.5

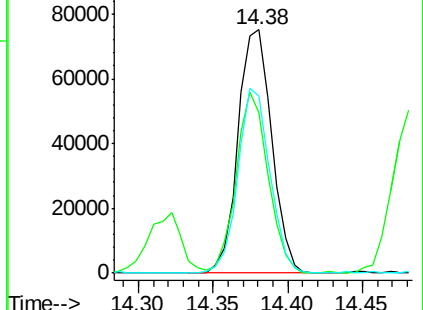
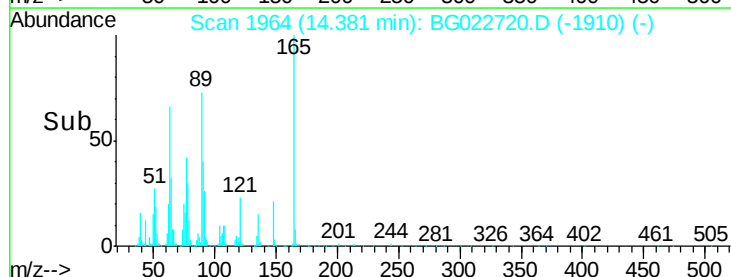


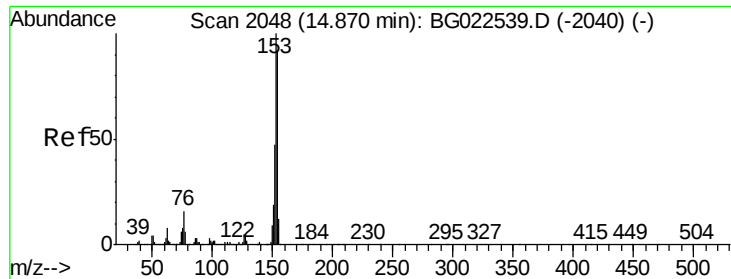
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Time-->





#51

Acenaphthene

Concen: 15.33 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

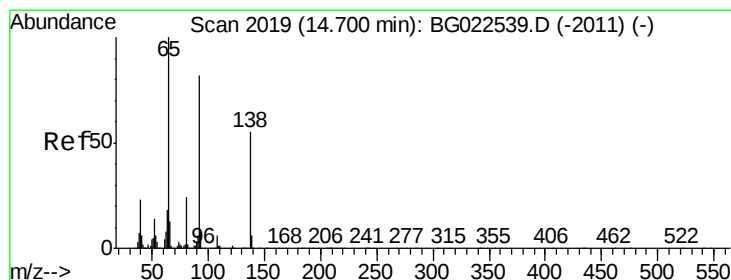
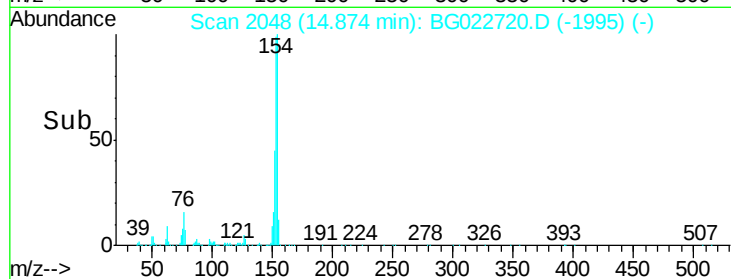
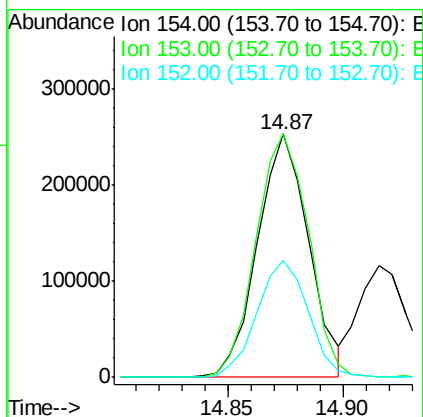
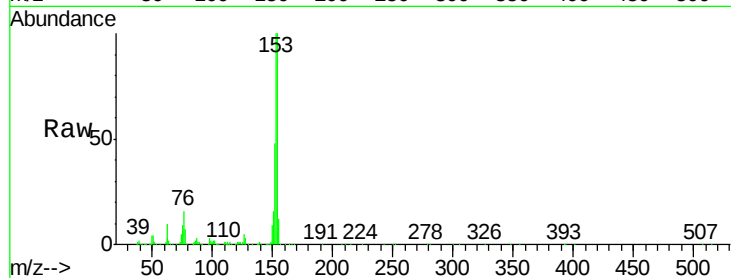
Instrument :

BNA_G

ClientSampleId :

PB91664BS

Tot Ion:	154	Resp:	390137
Ion	Ratio	Lower	Upper
154	100		
153	99.8	87.5	131.3
152	47.8	42.7	64.1



#52

3-Nitroaniline

Concen: 12.46 ng

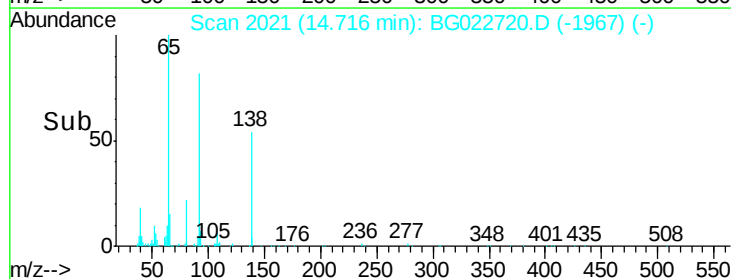
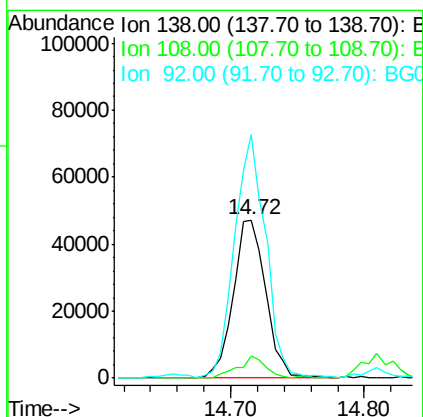
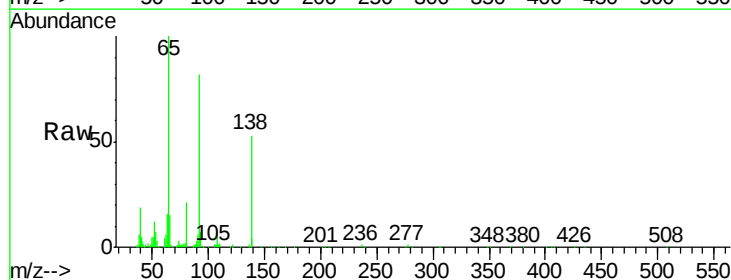
RT: 14.72 min Scan# 2021

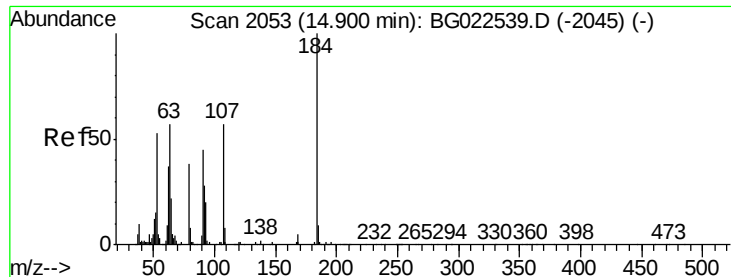
Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Tgt Ion:	138	Resp:	79836
Ion	Ratio	Lower	Upper
138	100		
108	14.1	11.7	17.5
92	153.6	129.7	194.5





#53

2,4-Dinitrophenol

Concen: 54.18 ng

RT: 14.92 min Scan# 2055

Delta R.T. 0.02 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

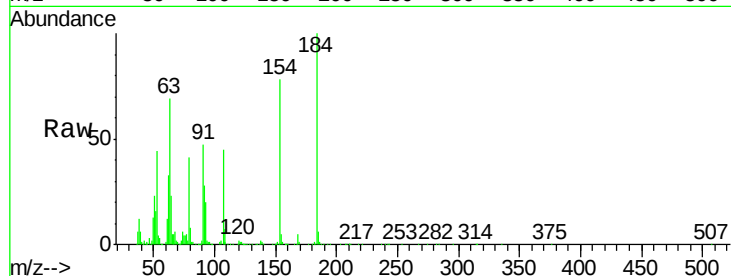
Tot Ion:184 Resp: 228492

Ion Ratio Lower Upper

184 100

63 69.1 59.6 89.4

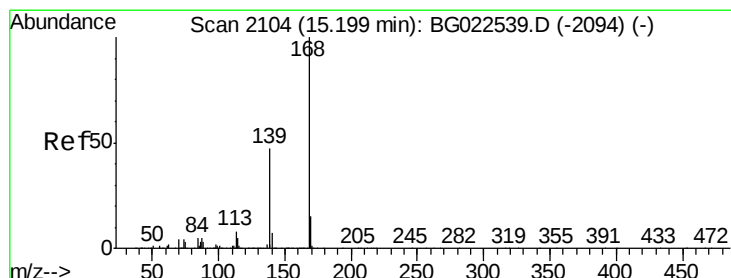
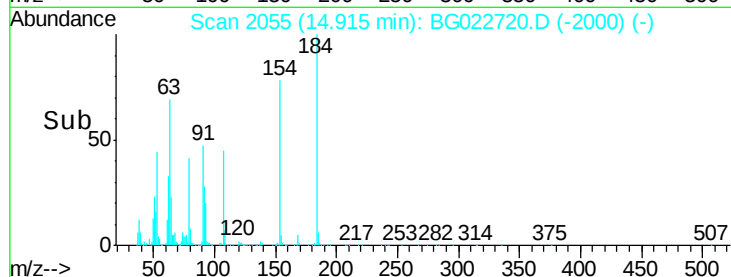
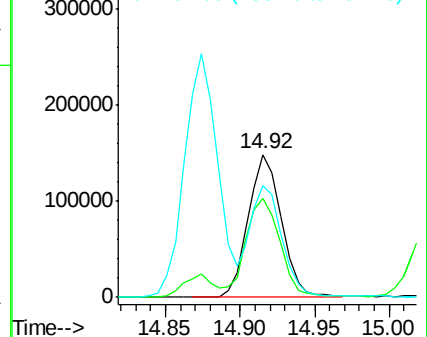
154 78.5 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG022720.D (-2052) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 17.67 ng

RT: 15.21 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

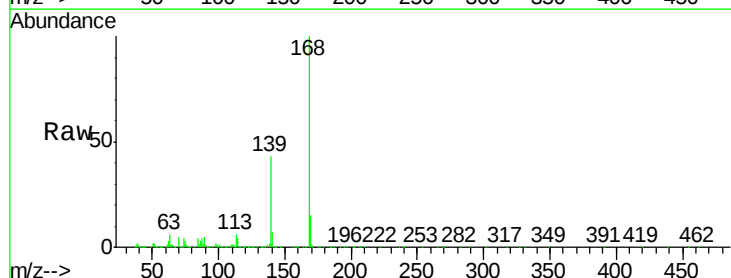
Tgt Ion:168 Resp: 651266

Ion Ratio Lower Upper

168 100

139 42.6 36.4 54.6

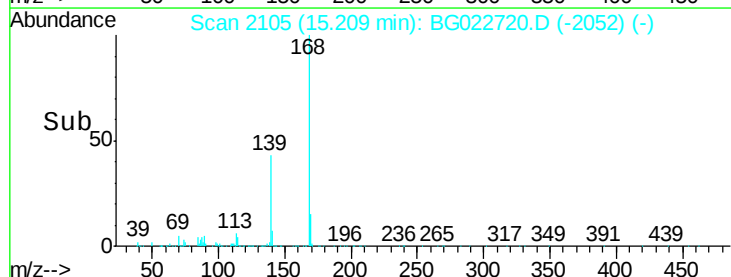
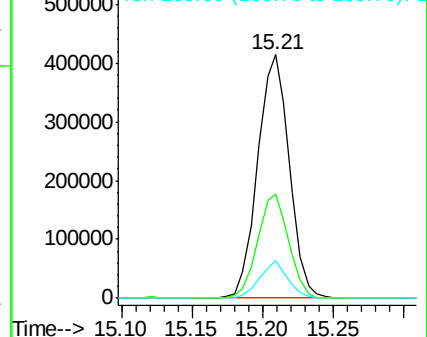
169 15.2 11.9 17.9

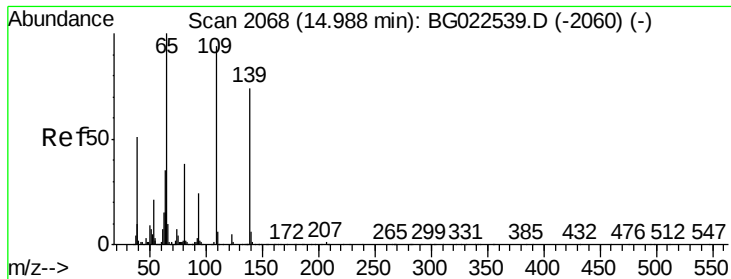


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

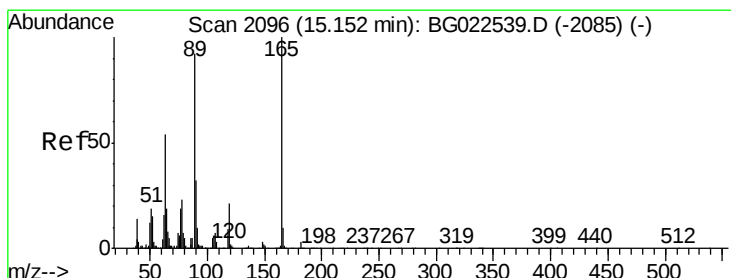
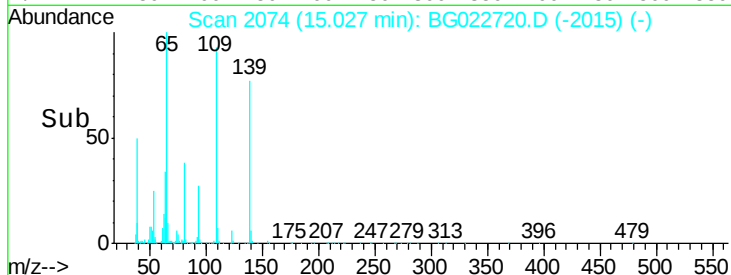
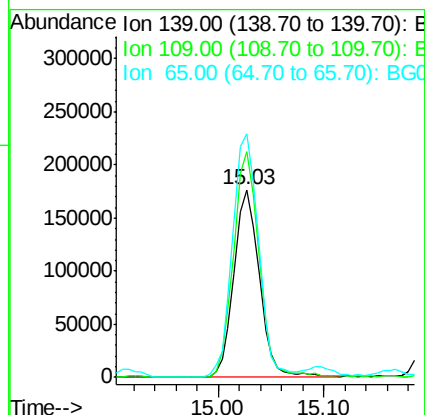
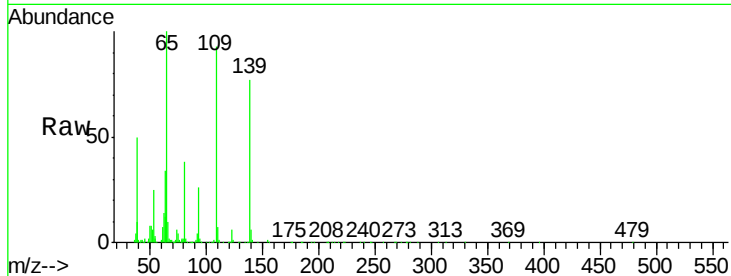




#55
4-Nitrophenol
Concen: 54.58 ng
RT: 15.03 min Scan# 2074
Delta R.T. 0.04 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

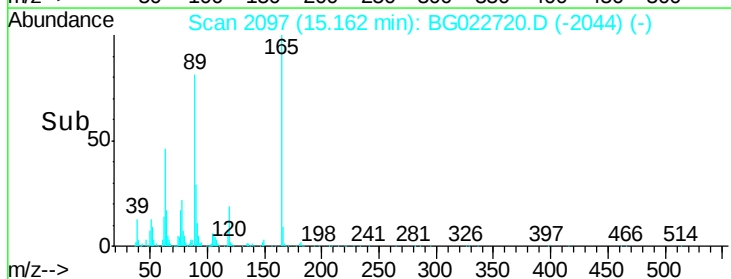
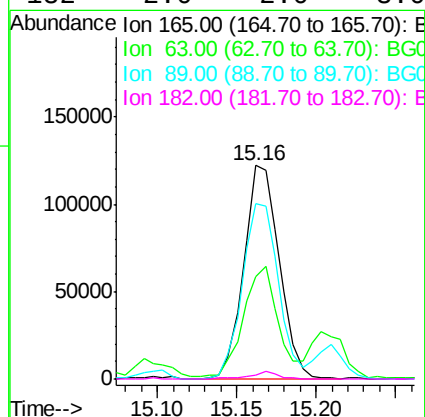
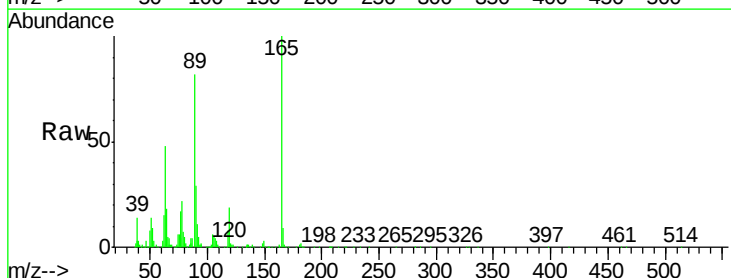
Instrument :
BNA_G
ClientSampleId :
PB91664BS

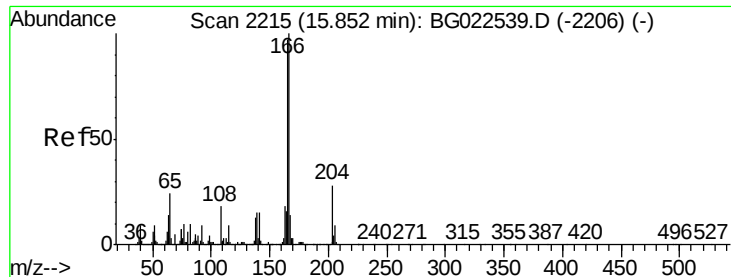
Tot Ion:139 Resp: 295697
Ion Ratio Lower Upper
139 100
109 120.2 103.0 143.0
65 129.8 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 20.06 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:165 Resp: 190314
Ion Ratio Lower Upper
165 100
63 47.8 45.8 68.6
89 81.8 68.6 102.8
182 2.0 2.0 3.0#

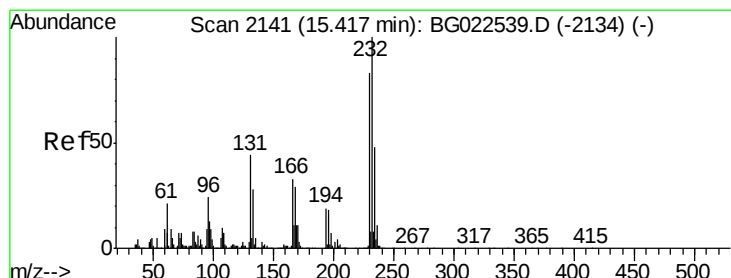
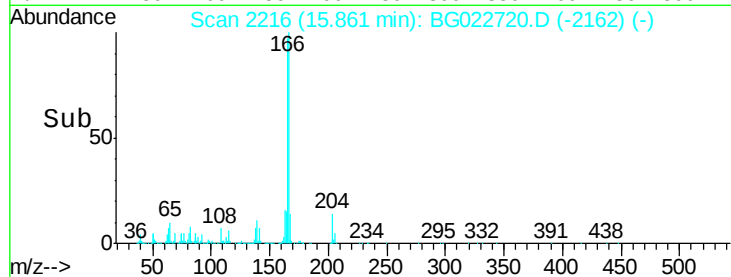
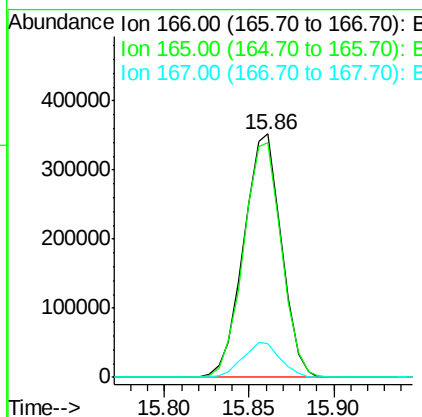
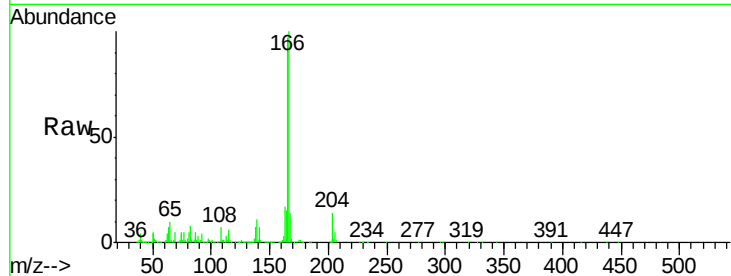




#57
Fluorene
 Concen: 18.55 ng
 RT: 15.86 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

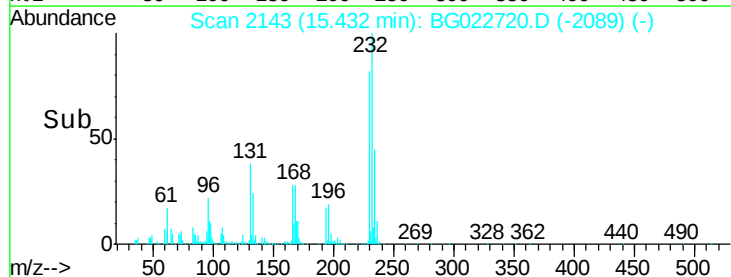
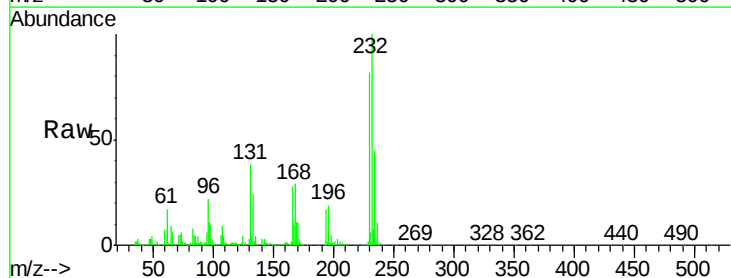
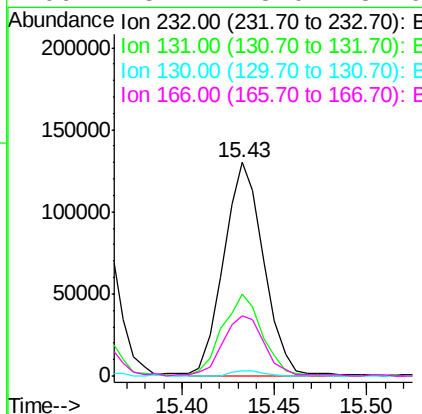
Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

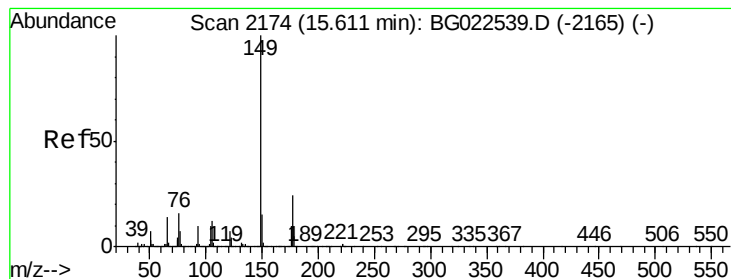
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.5	81.0	121.6
167	13.9	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 19.87 ng m
 RT: 15.43 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.2	32.7	49.1
130	2.7	2.6	3.8
166	23.2	23.0	34.6





#59

Diethylphthalate

Concen: 18.60 ng

RT: 15.61 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

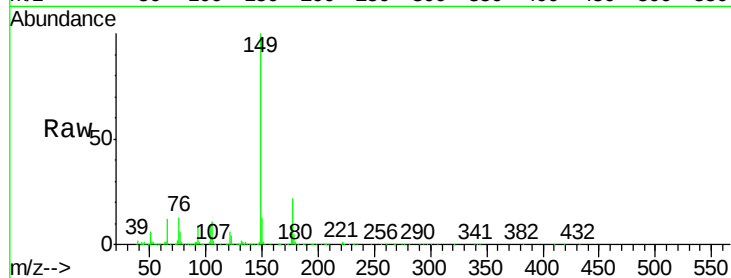
Tot Ion:149 Resp: 602527

Ion Ratio Lower Upper

149 100

177 22.1 19.2 28.8

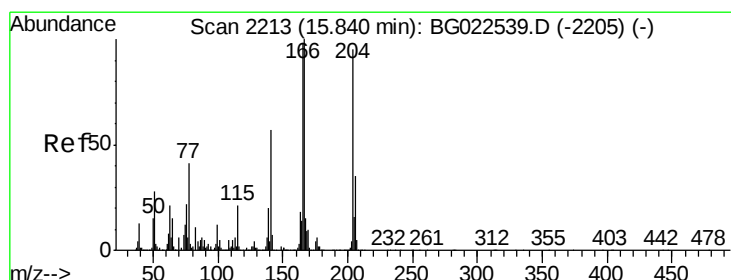
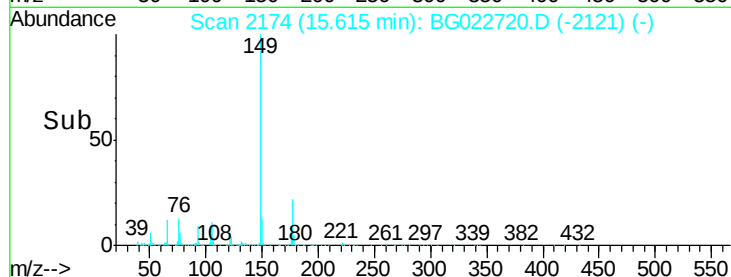
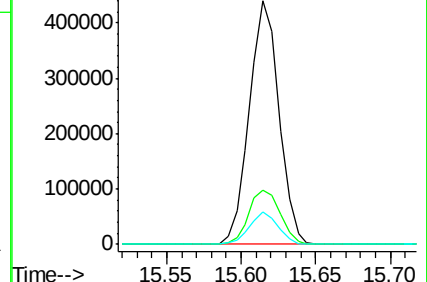
150 13.5 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 18.76 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

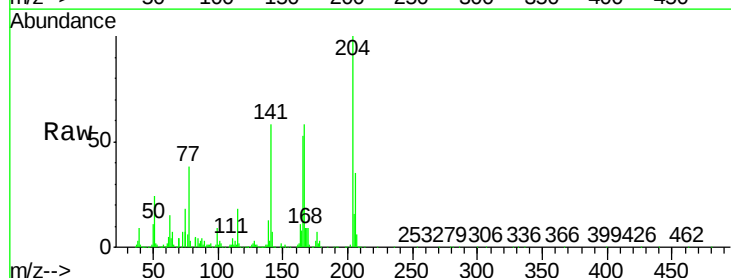
Tgt Ion:204 Resp: 328452

Ion Ratio Lower Upper

204 100

206 34.6 28.5 42.7

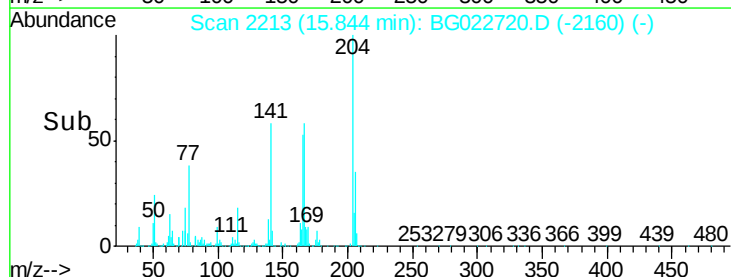
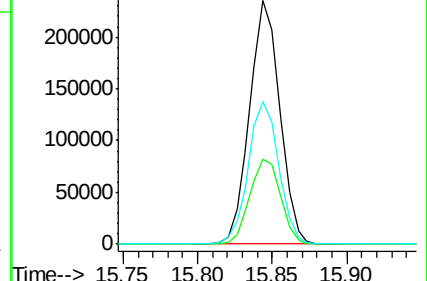
141 58.4 51.4 77.0

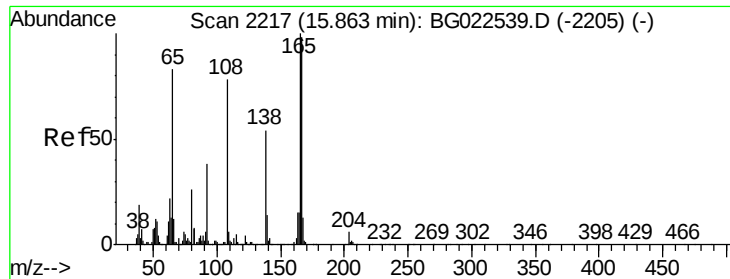


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 18.63 ng

RT: 15.88 min Scan# 2219

Delta R.T. 0.03 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

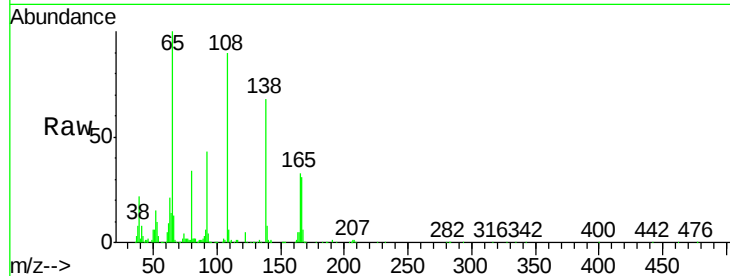
Tot Ion:138 Resp: 123173

Ion Ratio Lower Upper

138 100

92 63.1 54.1 94.1

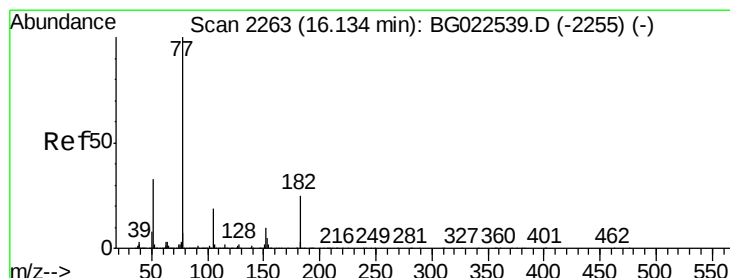
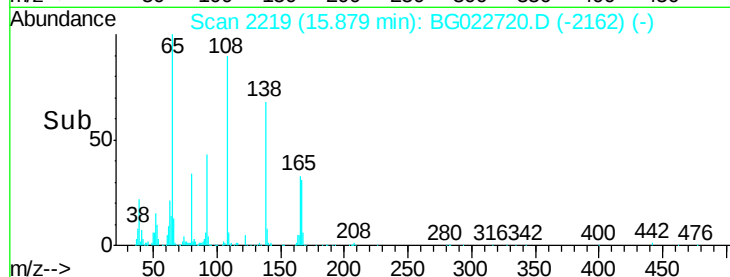
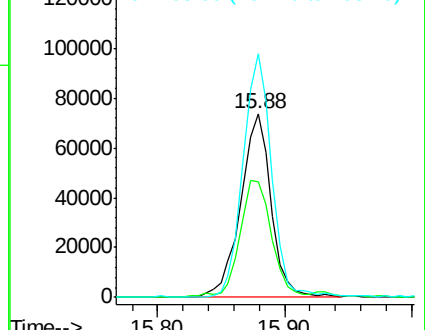
108 132.6 133.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 17.47 ng

RT: 16.14 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Tgt Ion: 77 Resp: 613023

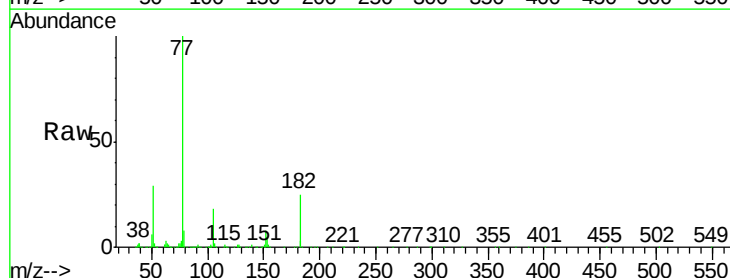
Ion Ratio Lower Upper

77 100

182 25.2 3.5 43.5

105 18.2 0.0 38.5

51 29.2 17.1 57.1

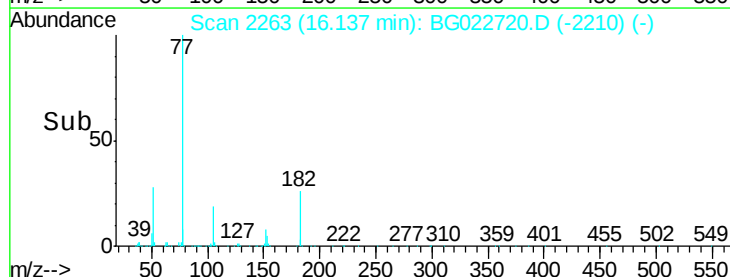
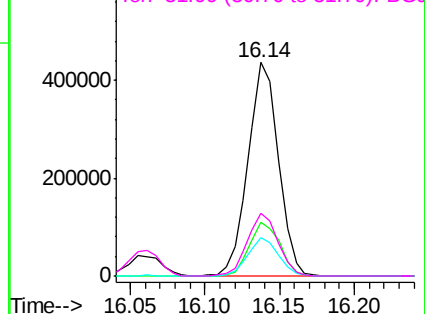


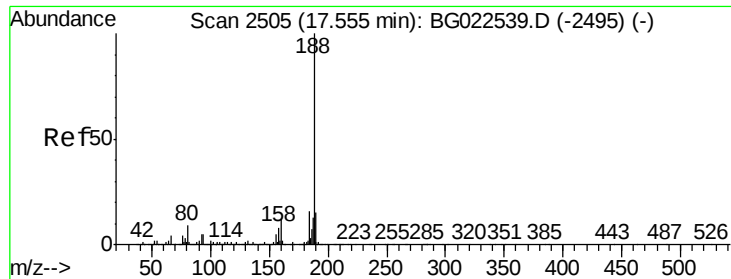
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

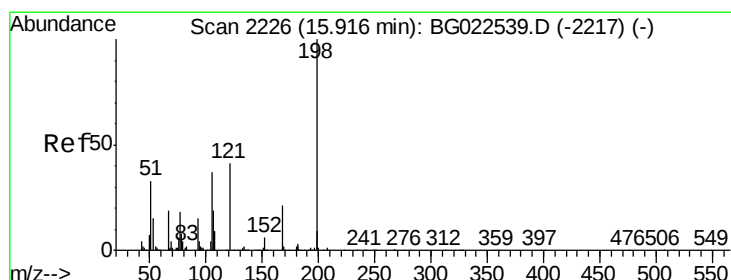
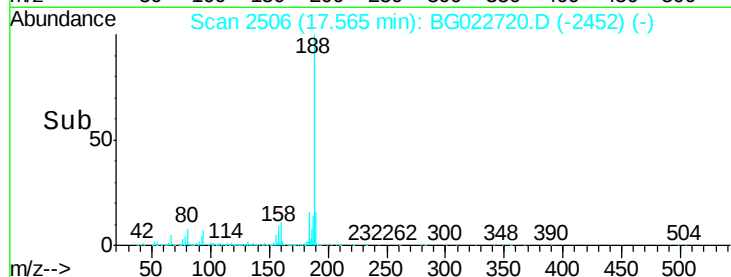
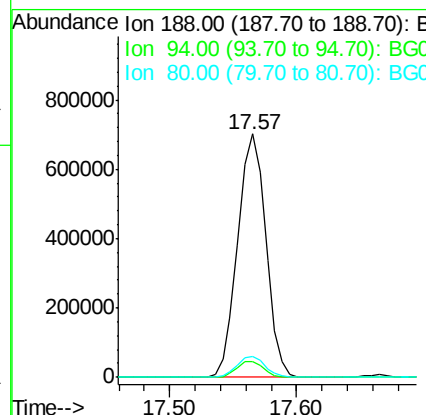
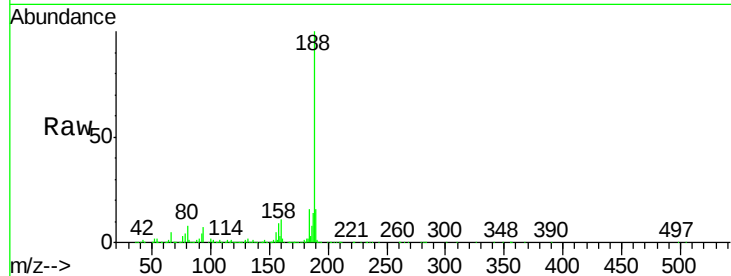




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

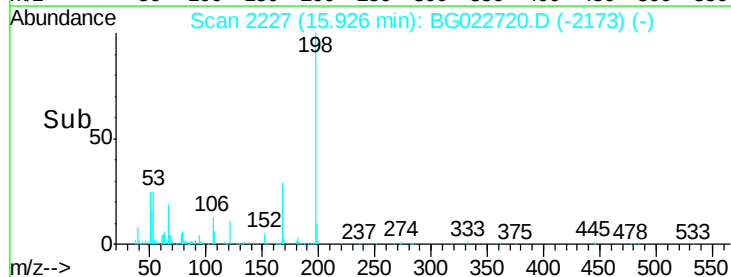
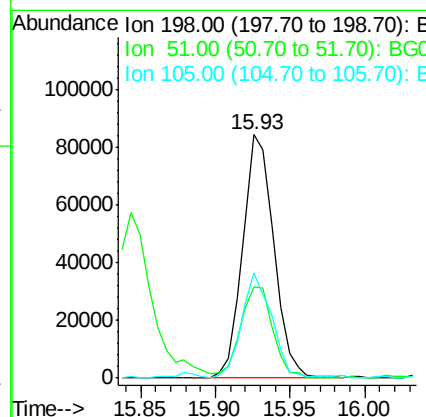
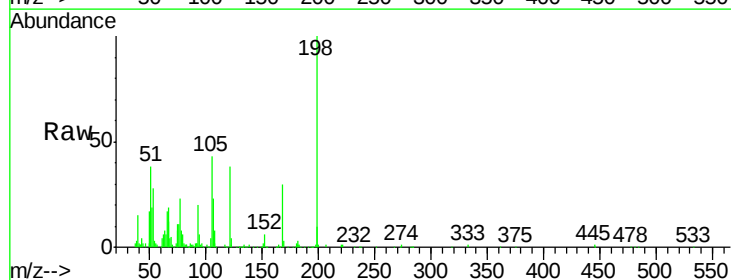
Instrument :
BNA_G
ClientSampleId :
PB91664BS

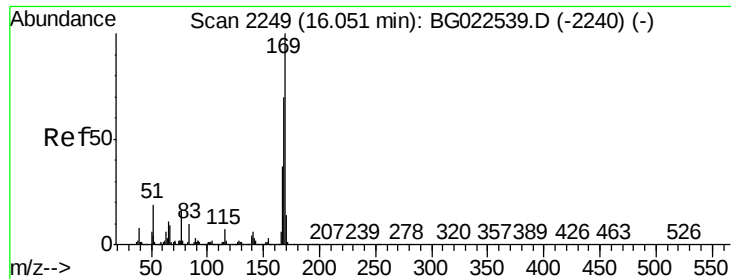
Tot Ion:188 Resp: 1078402
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 8.5 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 16.92 ng
RT: 15.93 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:198 Resp: 122399
Ion Ratio Lower Upper
198 100
51 37.6 26.0 66.0
105 43.2 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 16.90 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

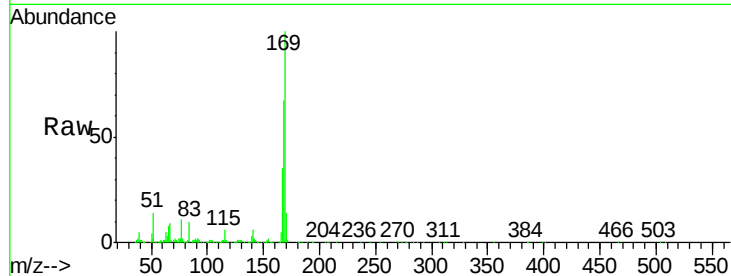
Tot Ion:169 Resp: 530273

Ion Ratio Lower Upper

169 100

168 66.7 55.0 82.4

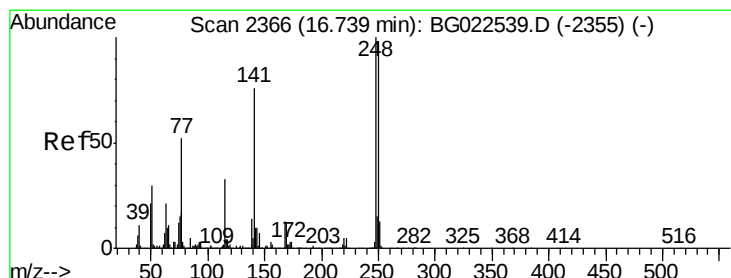
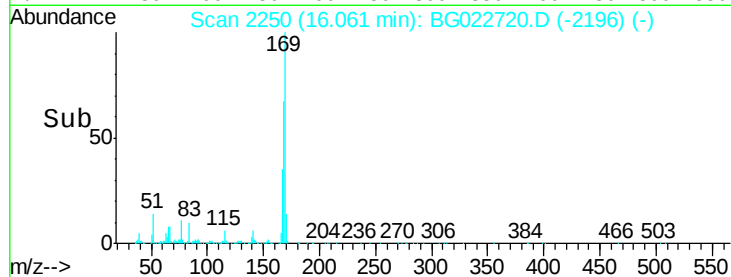
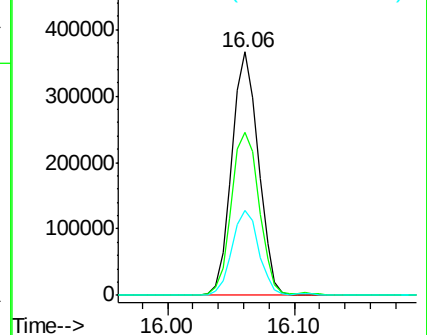
167 35.0 27.4 41.0



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



#66

4-Bromophenyl-phenylether

Concen: 16.86 ng

RT: 16.74 min Scan# 2366

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

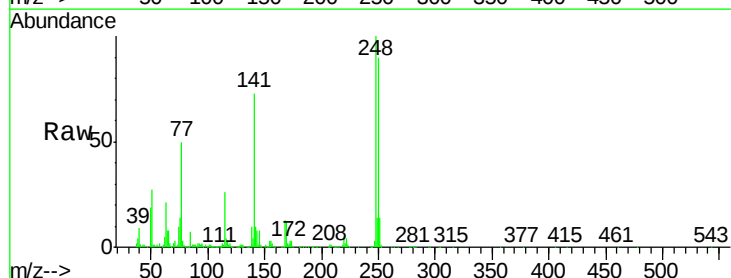
Tgt Ion:248 Resp: 235837

Ion Ratio Lower Upper

248 100

250 90.1 77.8 116.8

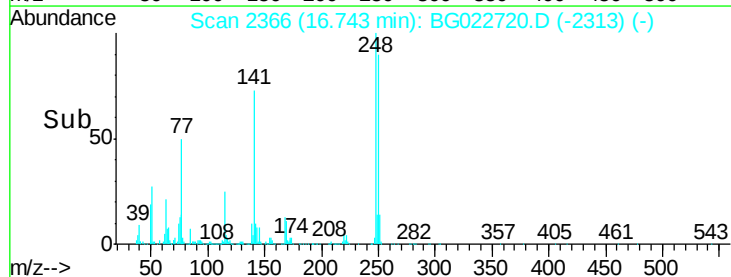
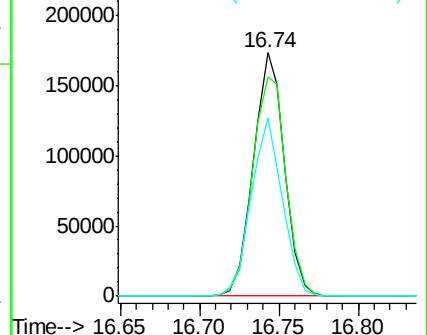
141 73.4 65.7 98.5



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





#67

Hexachlorobenzene

Concen: 16.50 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

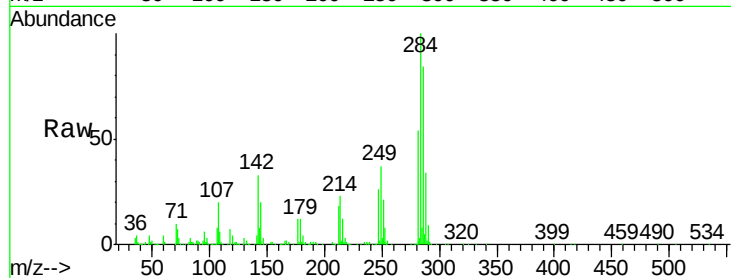
Tot Ion:284 Resp: 244044

Ion Ratio Lower Upper

284 100

142 32.8 26.8 40.2

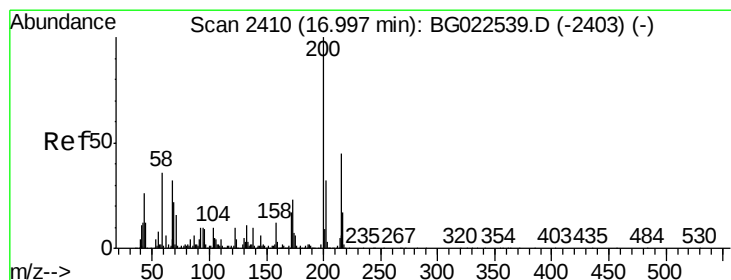
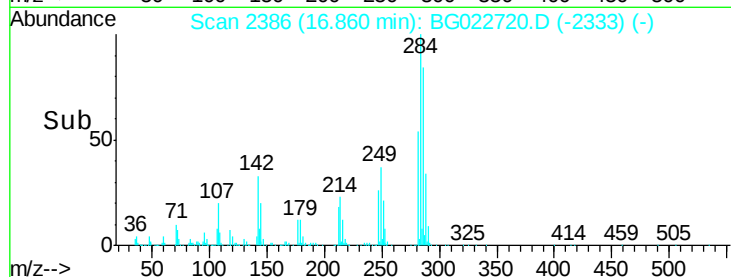
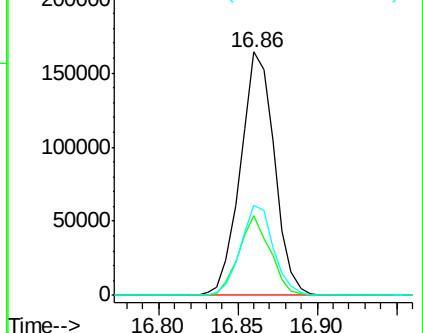
249 36.8 28.9 43.3



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: 17.89 ng

RT: 17.01 min Scan# 2411

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

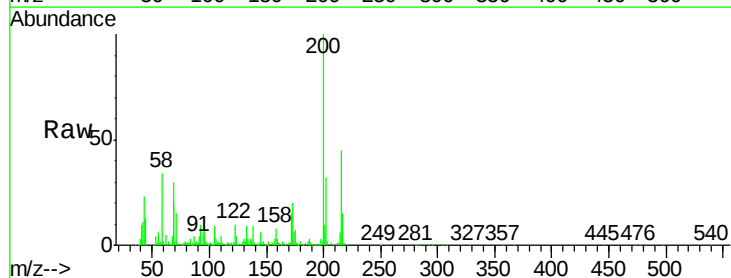
Tgt Ion:200 Resp: 237043

Ion Ratio Lower Upper

200 100

173 20.2 1.6 41.6

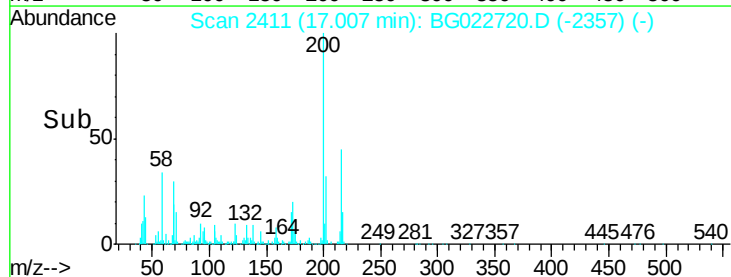
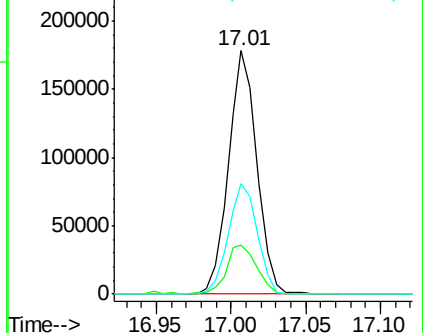
215 45.5 28.7 68.7

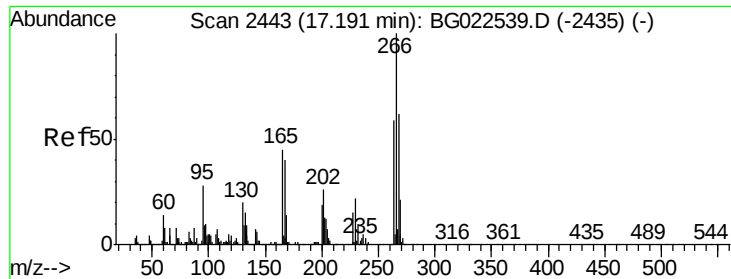


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

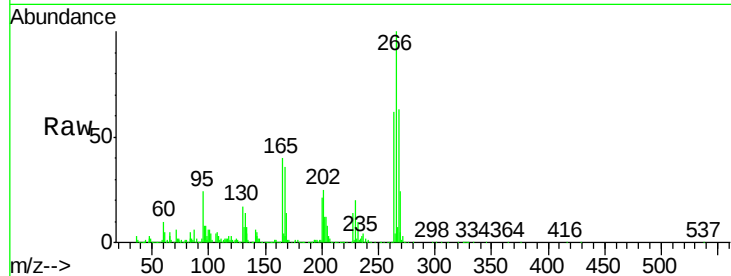




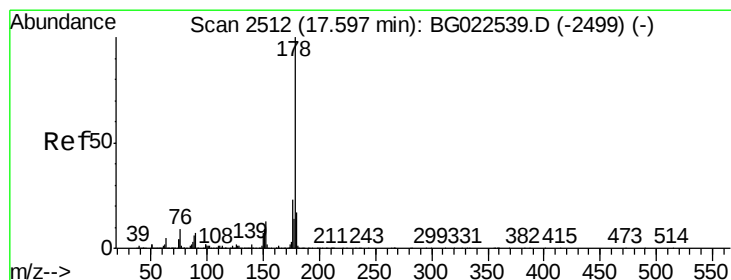
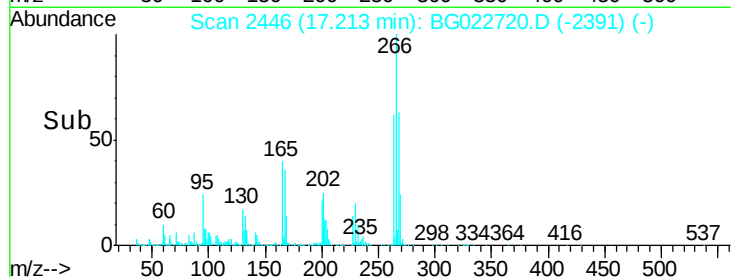
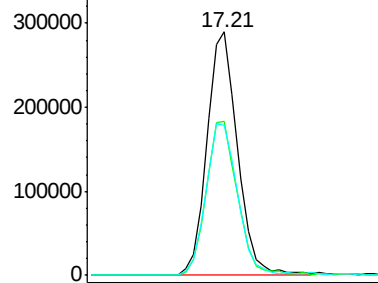
#69
 Pentachlorophenol
 Concen: 45.23 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.02 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.9	77.9
264	61.9	50.6	75.8

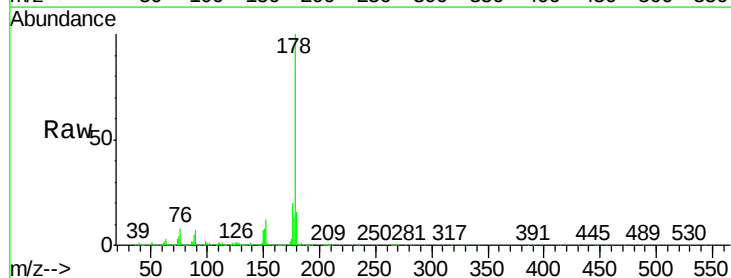


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

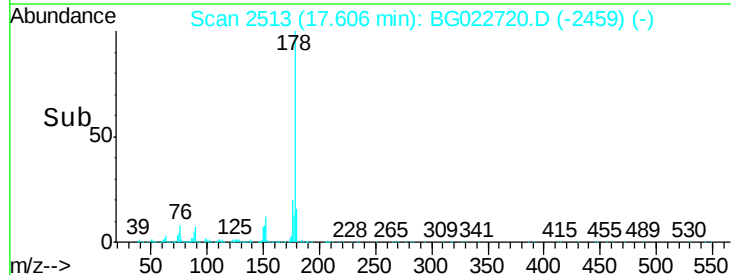
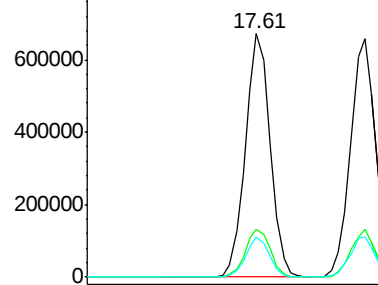


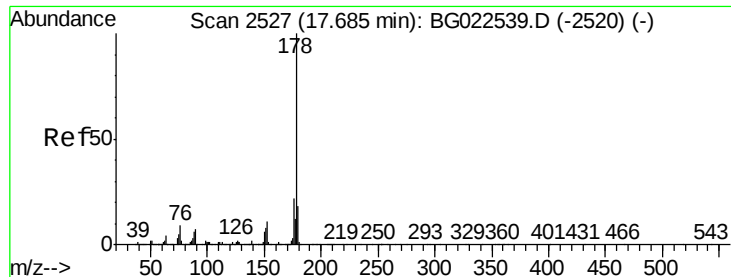
#70
 Phenanthrene
 Concen: 18.21 ng
 RT: 17.61 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.8	25.2
179	16.4	14.3	21.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

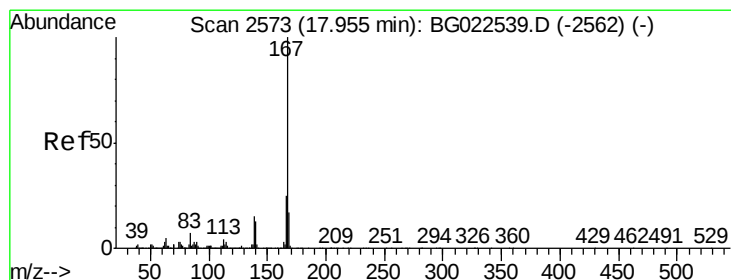
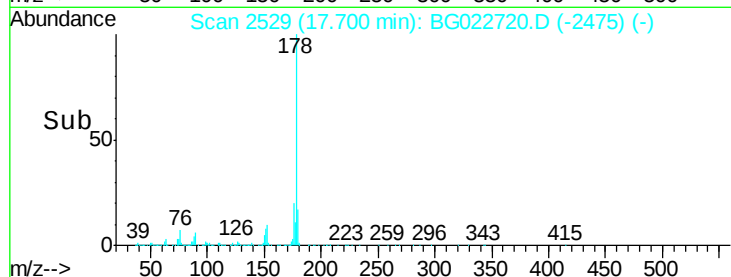
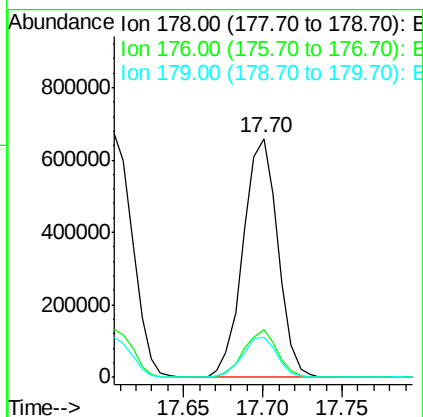
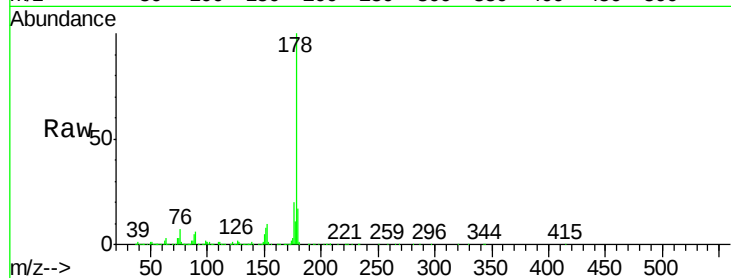




#71
 Anthracene
 Concen: 17.61 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

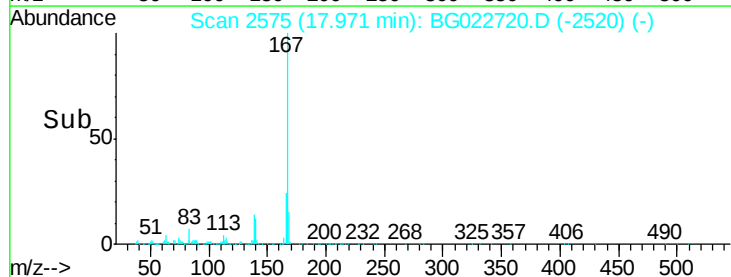
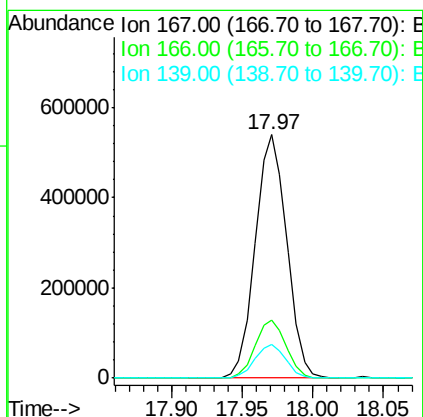
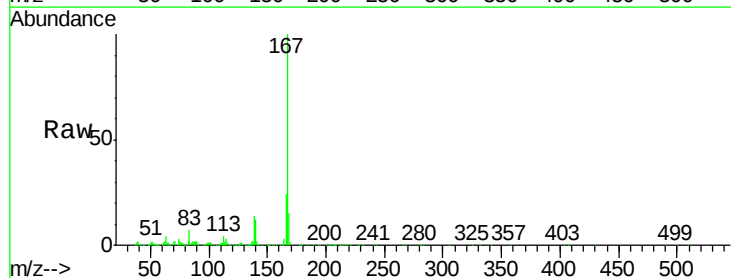
Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

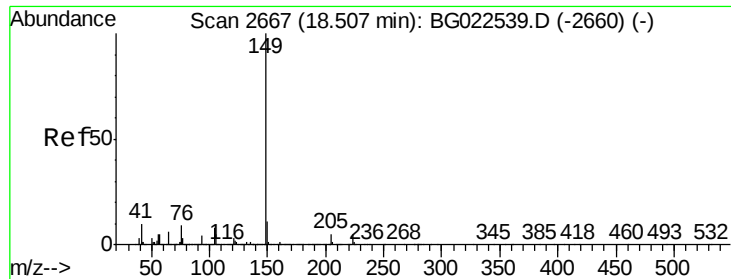
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.3	25.9
179	16.6	14.0	21.0



#72
 Carbazole
 Concen: 17.69 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.02 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.7	31.1
139	13.7	11.9	17.9





#73

Di-n-butylphthalate

Concen: 18.11 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

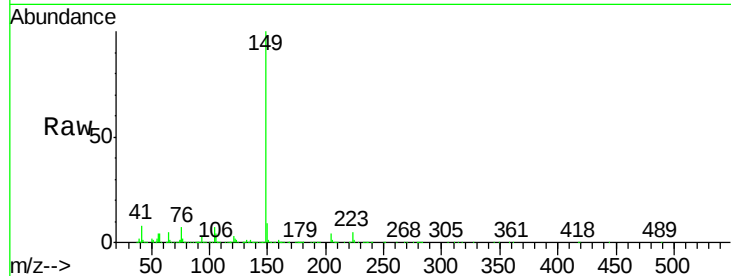
BNA_G

ClientSampleId :

PB91664BS

Tot Ion:149 Resp: 1011958

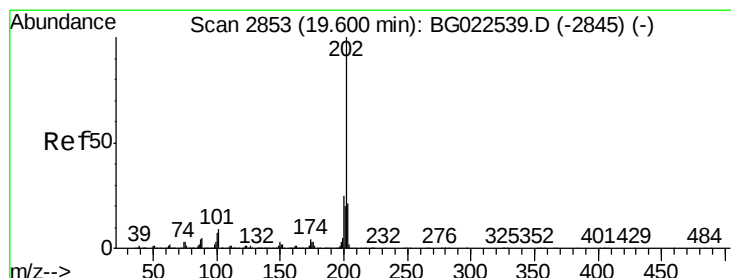
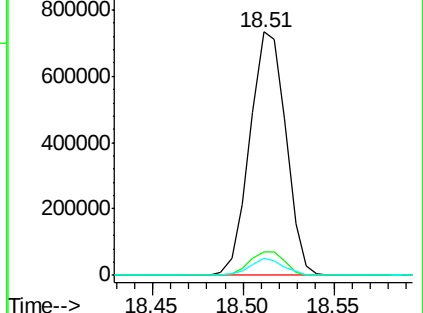
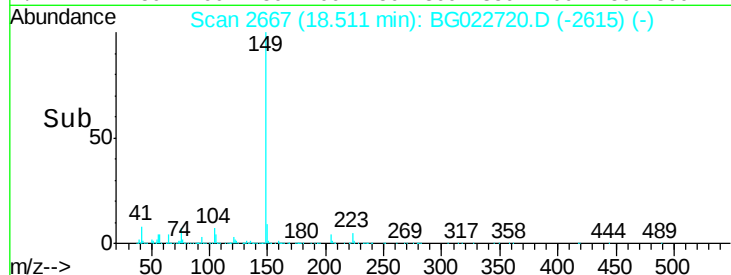
Ion	Ratio	Lower	Upper
149	100		
150	9.4	9.1	13.7
104	7.0	6.9	10.3



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: 18.34 ng

RT: 19.61 min Scan# 2854

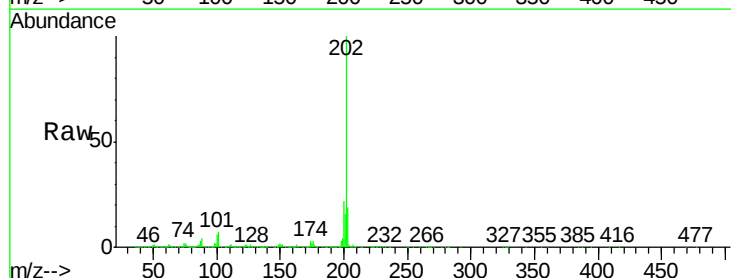
Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Tgt Ion:202 Resp: 1161743

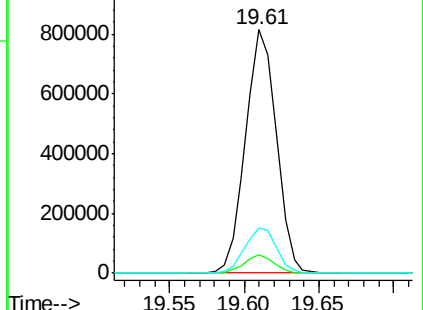
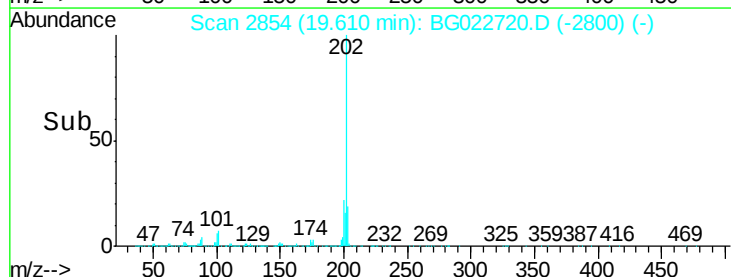
Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	27.4
203	18.6	1.7	41.7

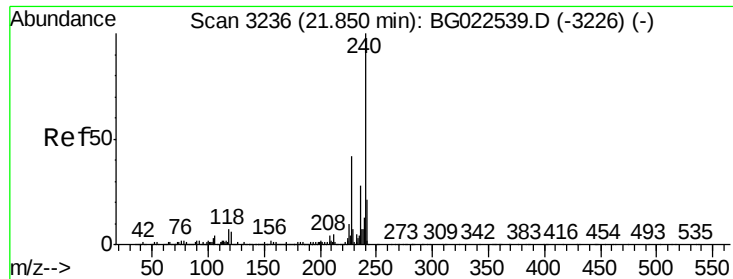


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

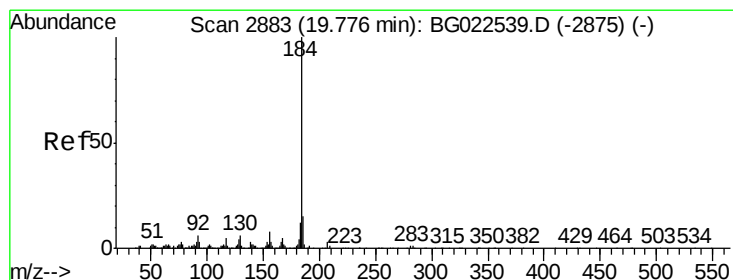
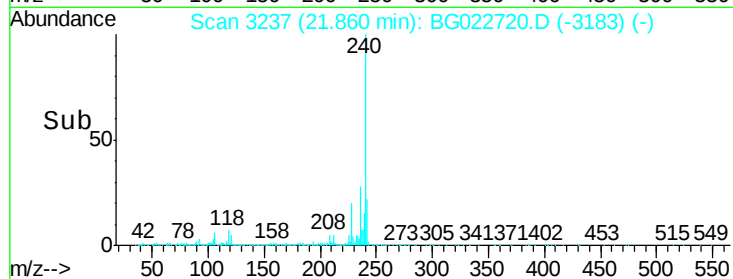
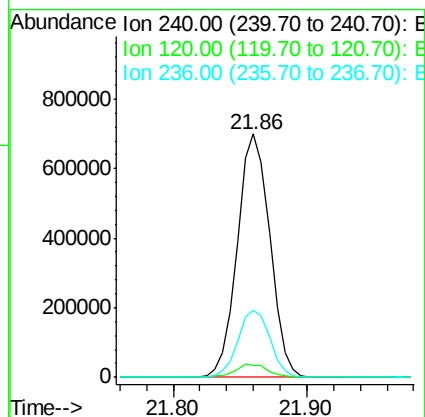
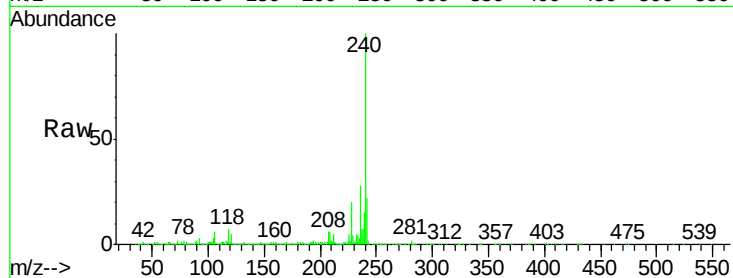




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3237
 Delta R.T. 0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

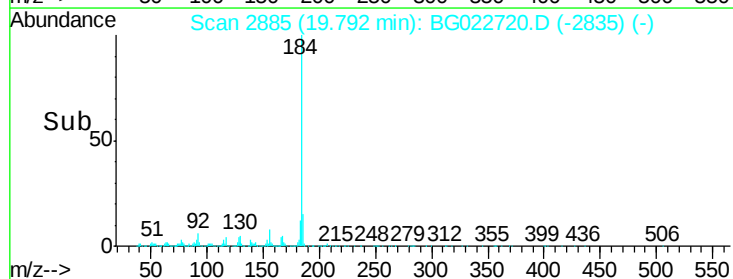
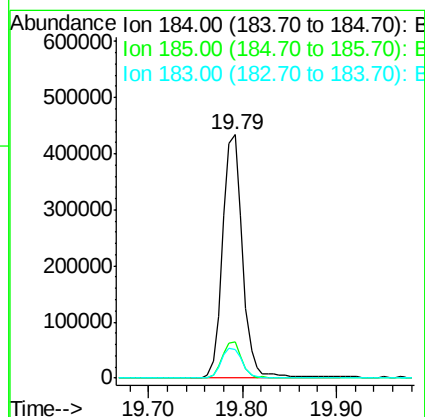
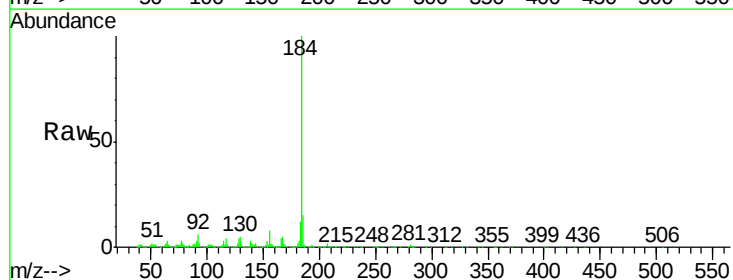
Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

Tot Ion:240 Resp: 1176607
 Ion Ratio Lower Upper
 240 100
 120 5.1 4.1 6.1
 236 27.7 21.1 31.7



#76
 Benzidine
 Concen: 51.64 ng
 RT: 19.79 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Tgt Ion:184 Resp: 646853
 Ion Ratio Lower Upper
 184 100
 185 14.9 12.6 19.0
 183 11.9 10.7 16.1





#77

Pvrene

Concen: 18.96 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

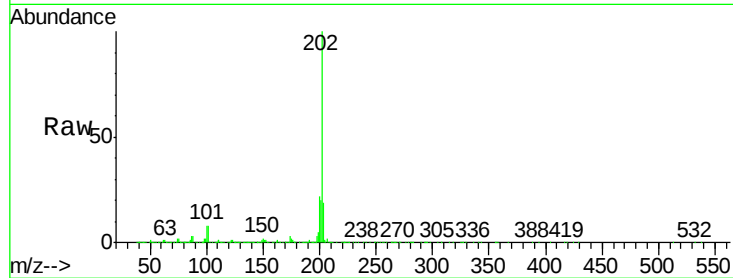
BNA_G

ClientSampleId :

PB91664BS

Tot Ion:202 Resp: 1187897

Ion	Ratio	Lower	Upper
202	100		
200	21.9	21.2	31.8
203	18.8	16.8	25.2

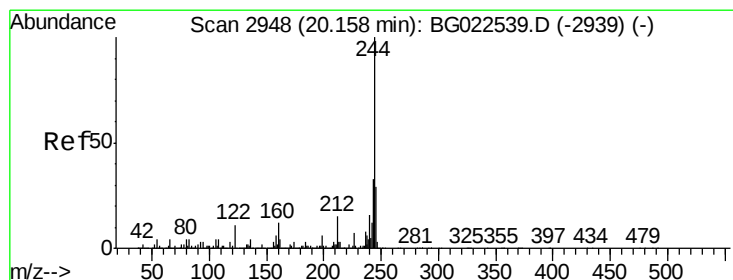
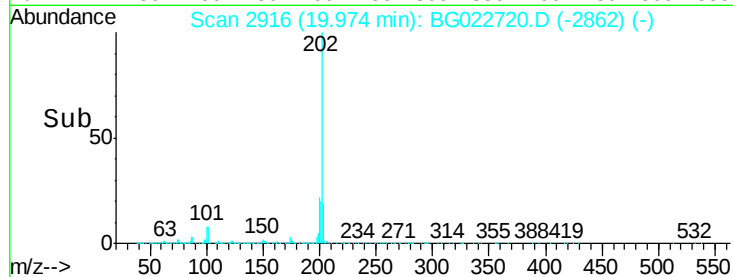
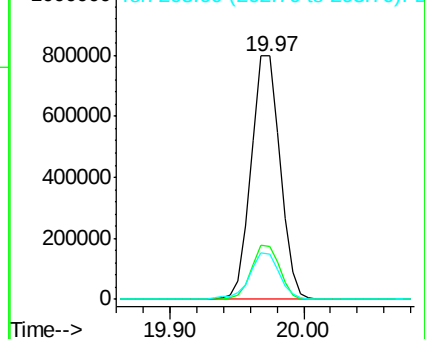


Abundance

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: 63.22 ng

RT: 20.16 min Scan# 2948

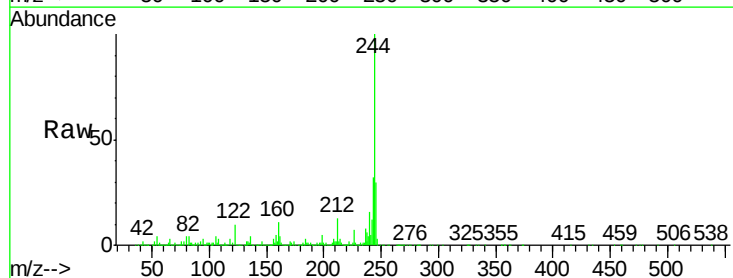
Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Tgt Ion:244 Resp: 2807576

Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.8	16.2
122	9.8	8.0	12.0

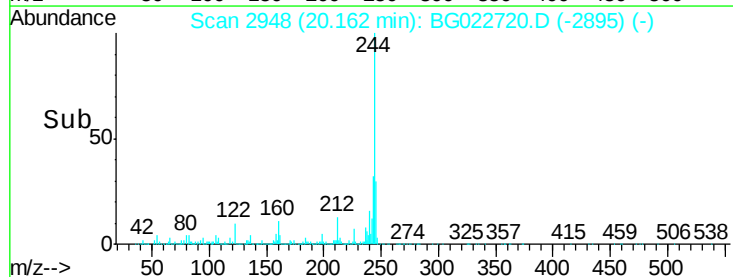
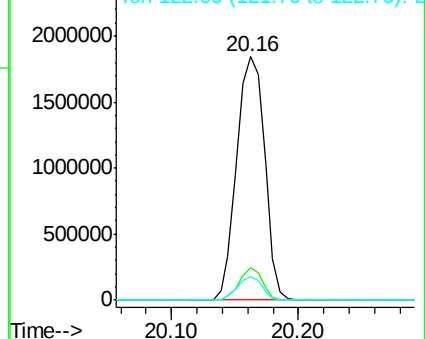


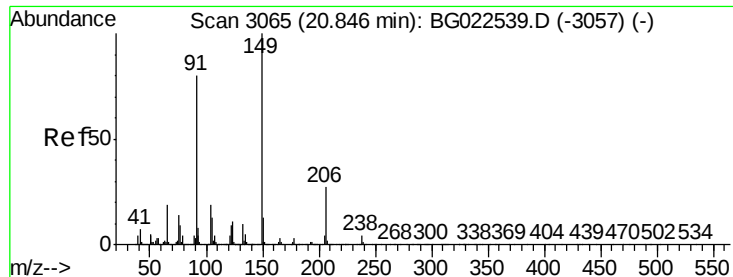
Abundance

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

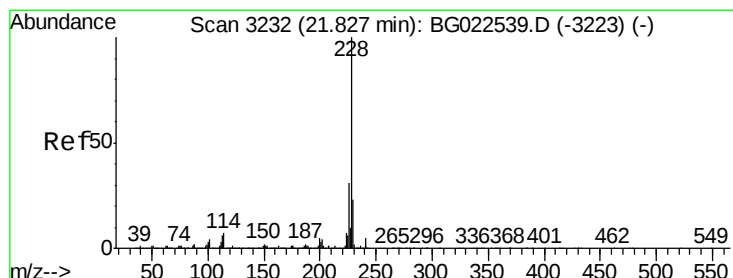
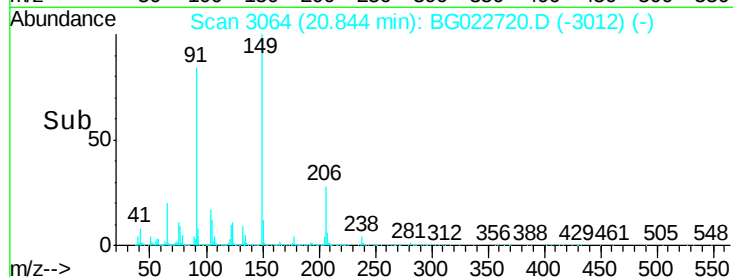
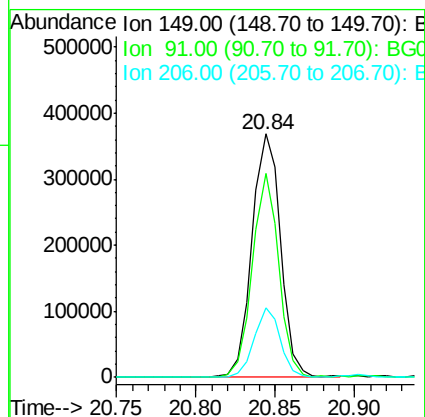
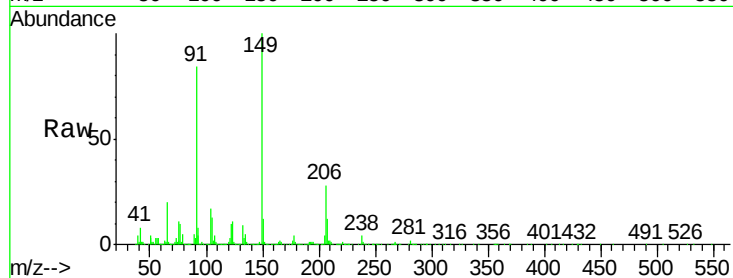




#79
Butylbenzylphthalate
Concen: 16.97 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

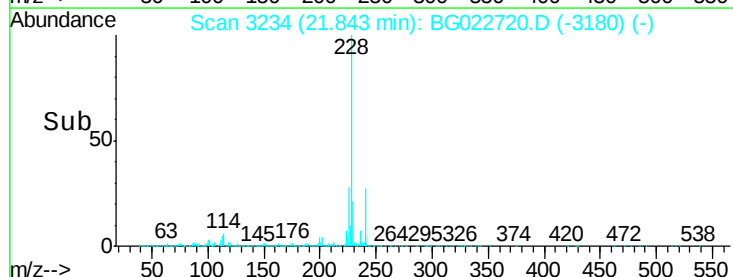
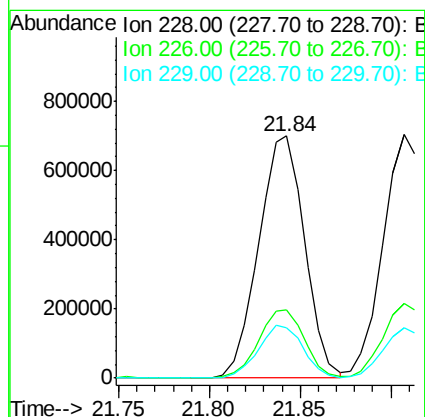
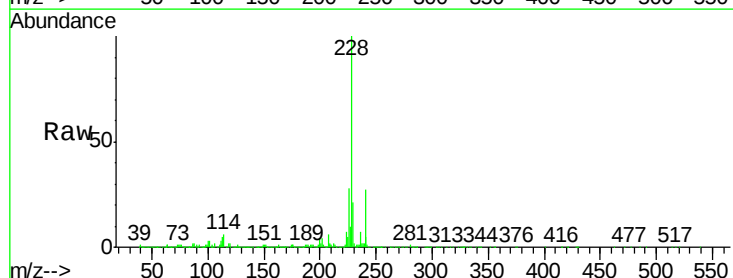
Instrument :
BNA_G
ClientSampleId :
PB91664BS

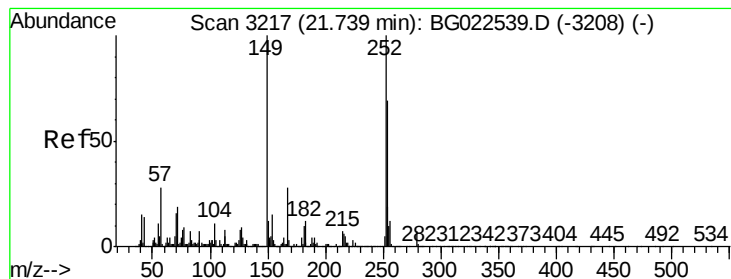
Tot Ion:149 Resp: 460348
Ion Ratio Lower Upper
149 100
91 83.9 68.1 102.1
206 28.3 19.8 29.6



#80
Benzo(a)anthracene
Concen: 18.91 ng
RT: 21.84 min Scan# 3234
Delta R.T. 0.01 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:228 Resp: 1231000
Ion Ratio Lower Upper
228 100
226 28.4 25.3 37.9
229 20.7 19.9 29.9





#81

3,3'-Dichlorobenzidine

Concen: 9.87 ng

RT: 21.75 min Scan# 3218

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

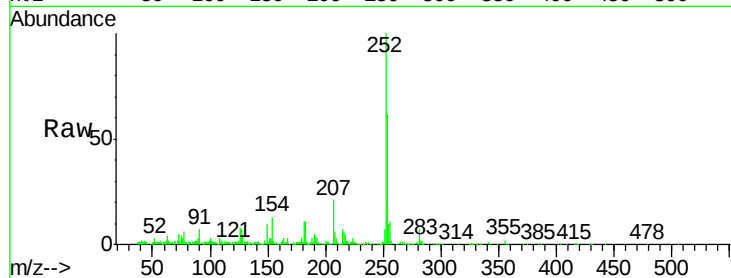
Tot Ion:252 Resp: 265330

Ion Ratio Lower Upper

252 100

254 62.0 51.2 76.8

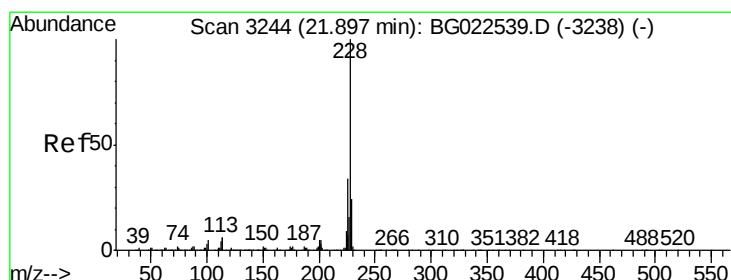
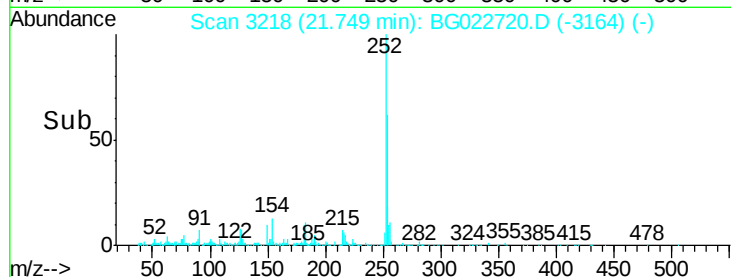
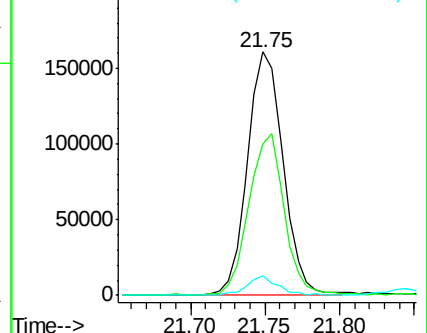
126 8.1 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 19.18 ng

RT: 21.91 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

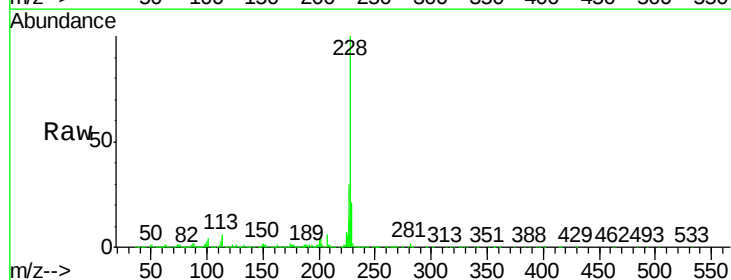
Tgt Ion:228 Resp: 1173689

Ion Ratio Lower Upper

228 100

226 30.4 26.7 40.1

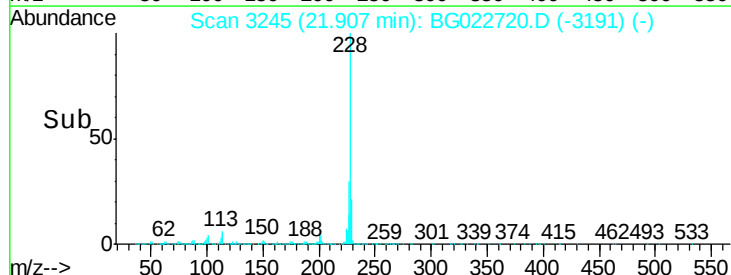
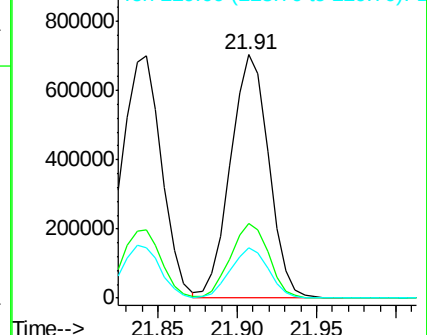
229 20.7 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.04 ng

RT: 21.73 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

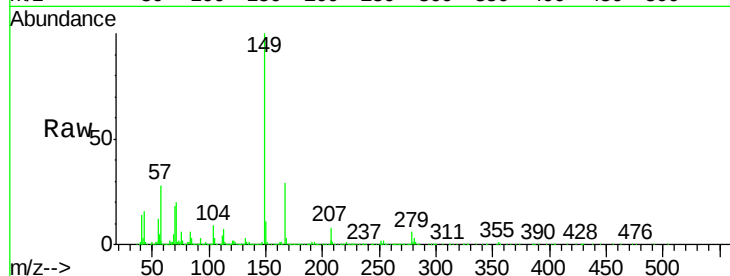
BNA_G

ClientSampleId :

PB91664BS

Tot Ion:149 Resp: 612536

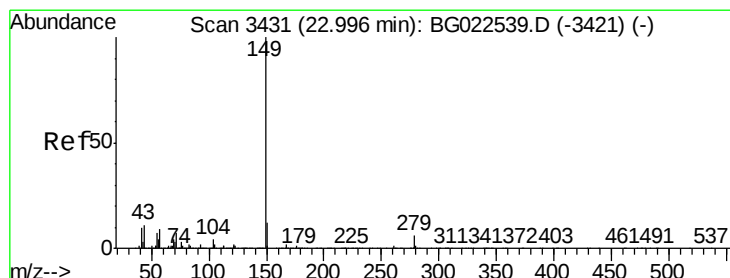
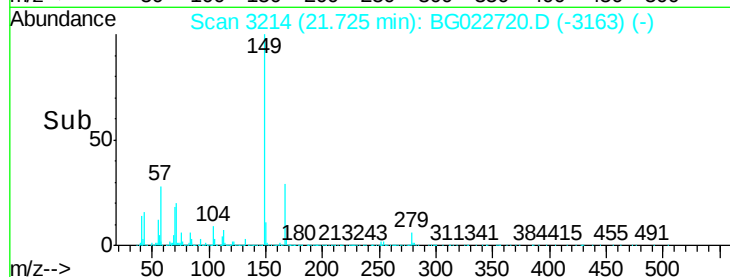
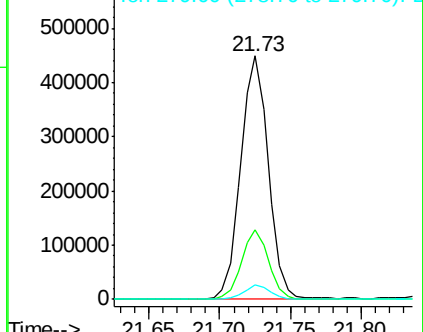
Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.0	36.0
279	6.1	4.8	7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 16.61 ng

RT: 22.99 min Scan# 3429

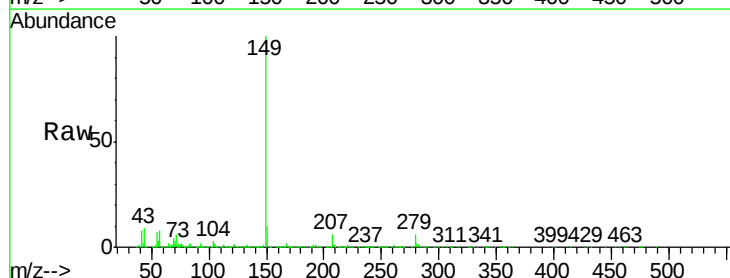
Delta R.T. -0.00 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Tgt Ion:149 Resp: 1046126

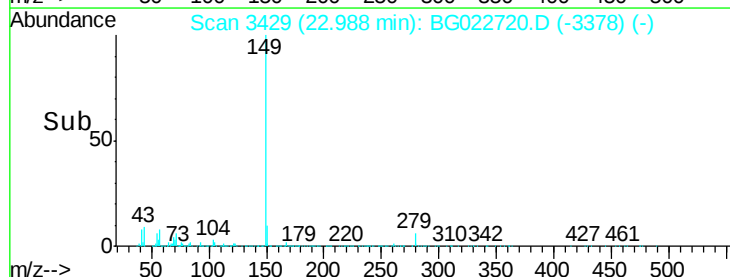
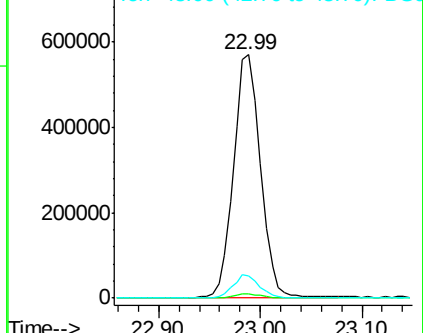
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	9.2	8.8	13.2

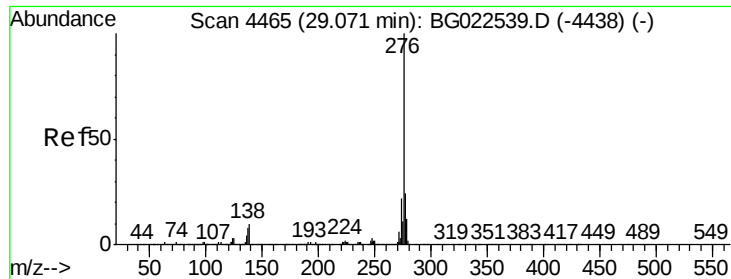


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 16.52 ng

RT: 29.08 min Scan# 4465

Delta R.T. 0.03 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

BNA_G

ClientSampleId :

PB91664BS

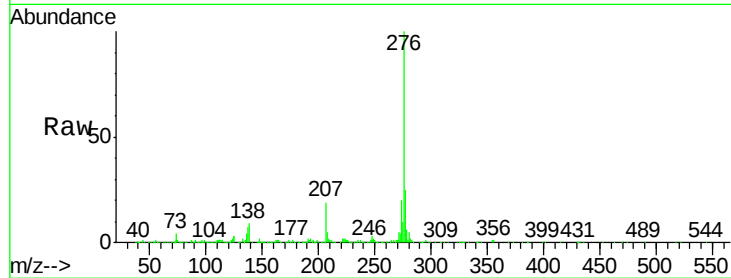
Tot Ion:276 Resp: 1327808

Ion Ratio Lower Upper

276 100

138 6.2 0.0 0.0#

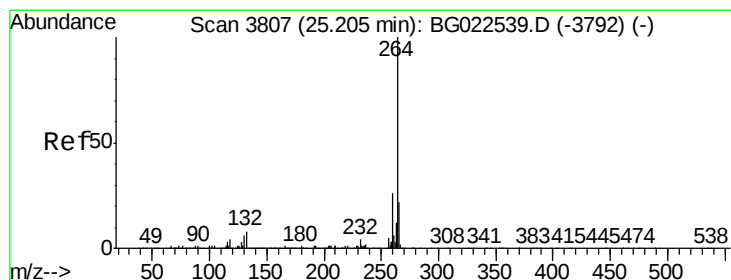
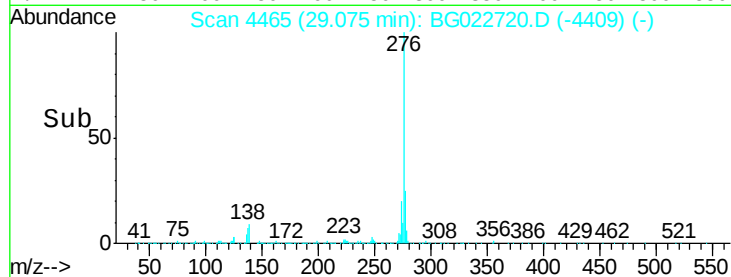
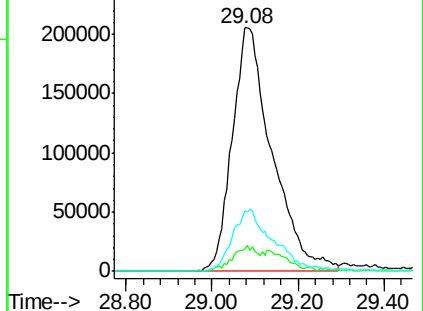
277 25.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3810

Delta R.T. 0.02 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

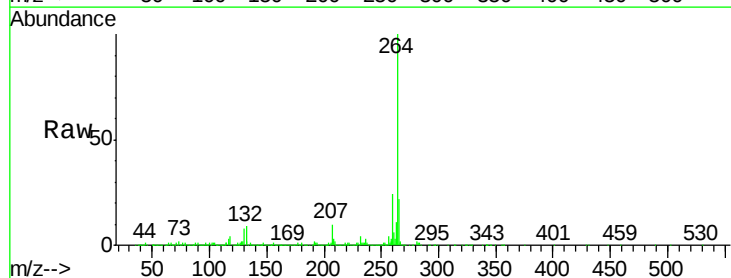
Tgt Ion:264 Resp: 1208378

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

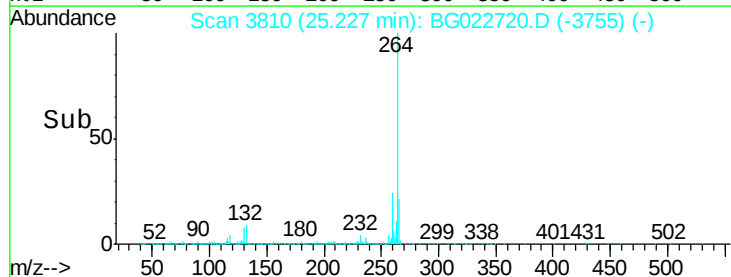
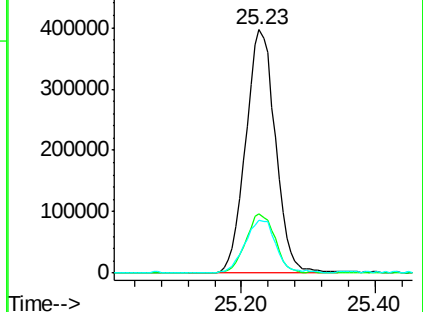
265 21.8 18.9 28.3

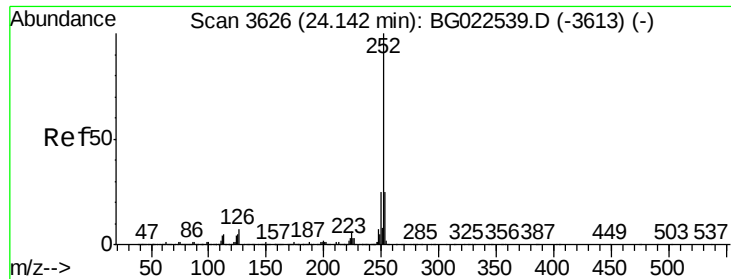


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

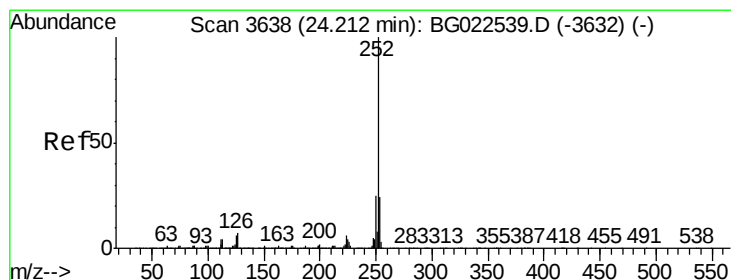
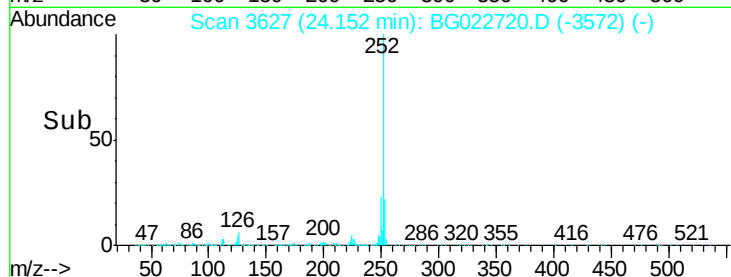
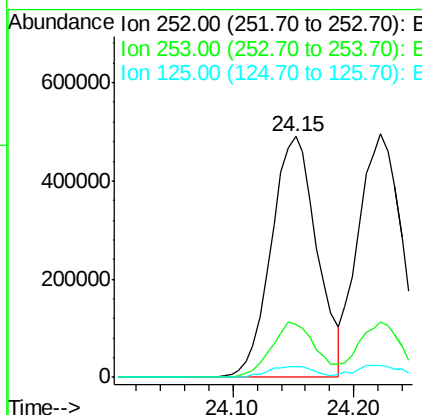
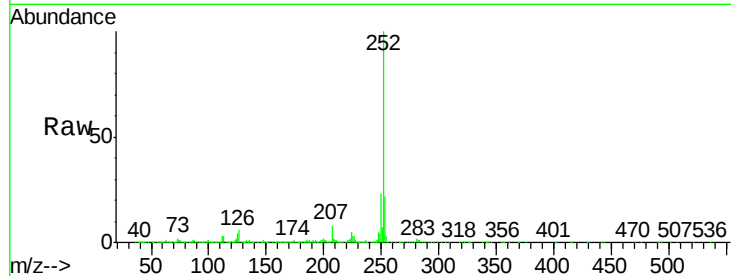




#87
Benzo(b)fluoranthene
Concen: 17.63 ng
RT: 24.15 min Scan# 3627
Delta R.T. 0.02 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

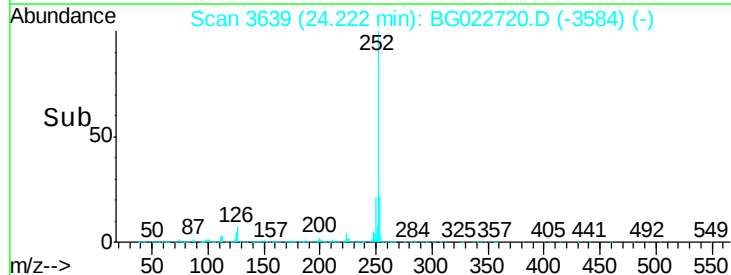
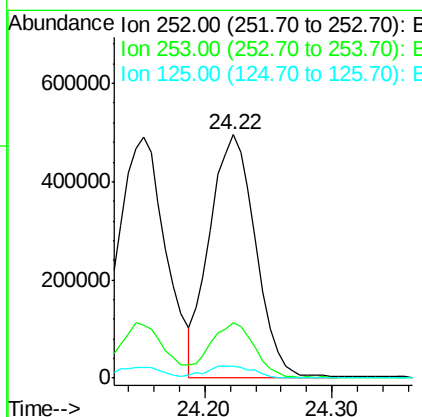
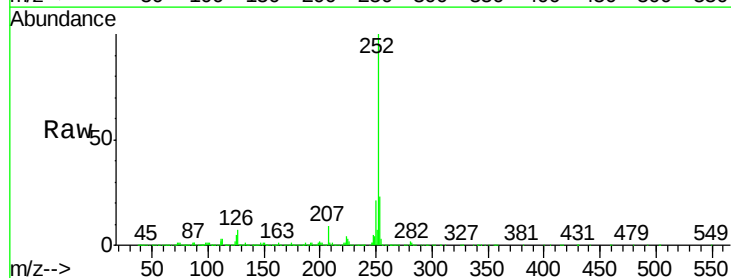
Instrument :
BNA_G
ClientSampleId :
PB91664BS

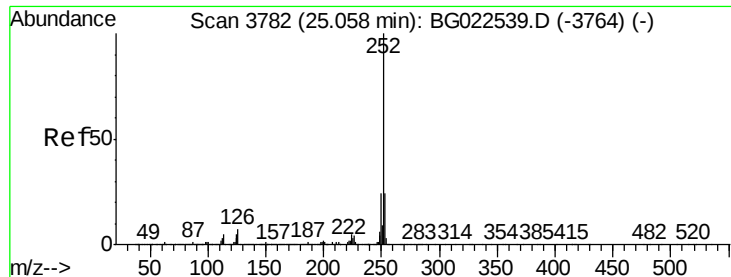
Tot Ion:252 Resp: 1281123
Ion Ratio Lower Upper
252 100
253 21.8 18.9 28.3
125 4.4 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 18.22 ng m
RT: 24.22 min Scan# 3639
Delta R.T. 0.02 min
Lab File: BG022720.D
Acq: 30 Jun 2016 10:22

Tgt Ion:252 Resp: 1251358
Ion Ratio Lower Upper
252 100
253 22.6 18.8 28.2
125 5.0 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 17.04 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.02 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Instrument :

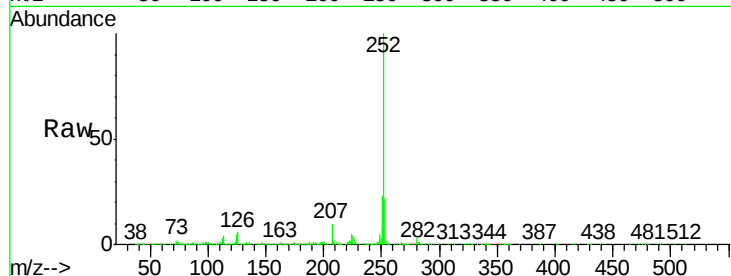
BNA_G

ClientSampleId :

PB91664BS

Tot Ion:252 Resp: 1207132

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	4.6	3.9	5.9

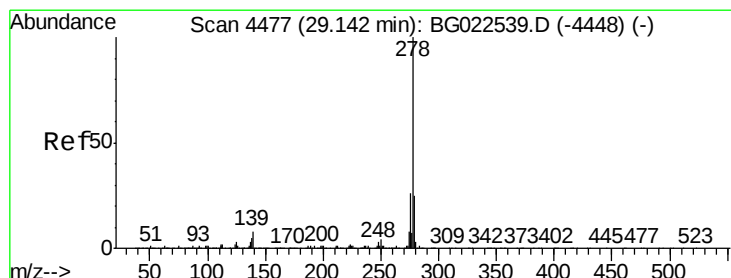
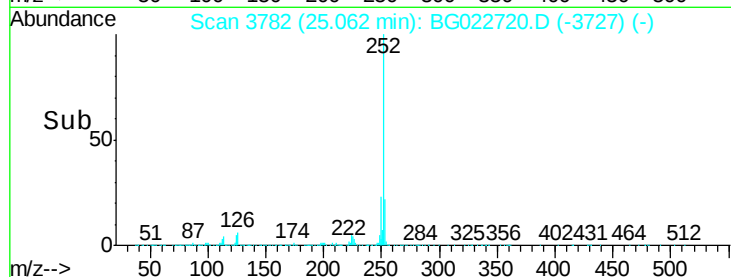
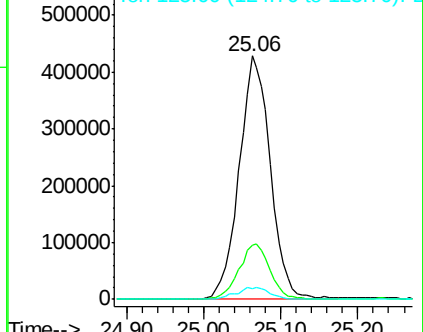


Abundance

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



#90

Dibenzo(a,h)anthracene

Concen: 16.68 ng

RT: 29.16 min Scan# 4479

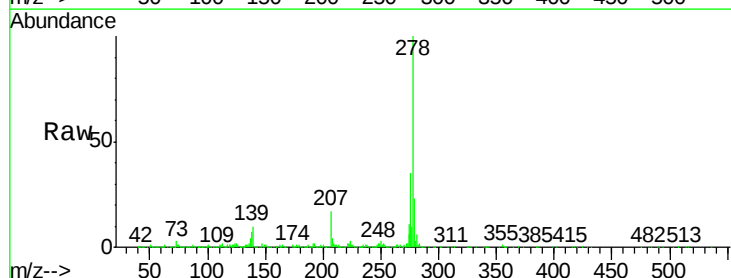
Delta R.T. 0.04 min

Lab File: BG022720.D

Acq: 30 Jun 2016 10:22

Tgt Ion:278 Resp: 1112078

Ion	Ratio	Lower	Upper
278	100		
139	9.9	4.7	7.1#
279	22.8	18.3	27.5

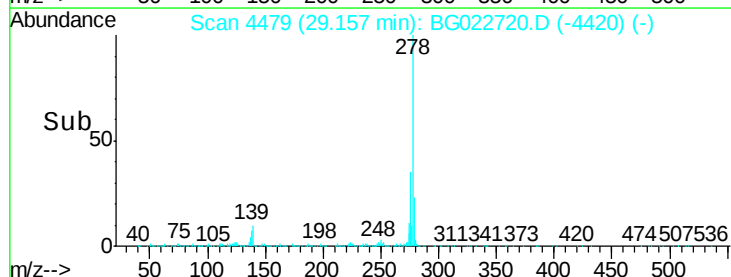
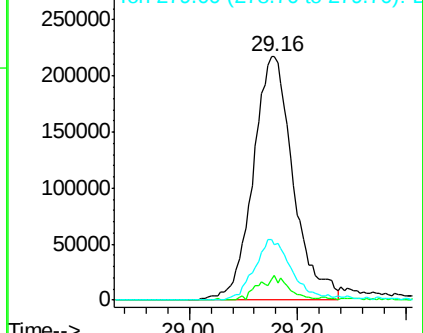


Abundance

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(a,h,i)perylene
 Concen: 15.57 ng
 RT: 30.29 min Scan# 4671
 Delta R.T. 0.03 min
 Lab File: BG022720.D
 Acq: 30 Jun 2016 10:22

Instrument :
 BNA_G
 ClientSampleId :
 PB91664BS

Tot Ion:276 Resp: 1056844

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	27.8
138	10.9	6.8	10.2

