

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022677.D
 Acq On : 28 Jun 2016 15:46
 Operator : UM/SJ
 Sample : PB91593BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

Quant Time: Jun 28 18:59:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	127970	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	516980	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	383127	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1017363	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1220861	20.00	ng	0.00
86) Perylene-d12	25.21	264	1265986	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	966495	121.14	ng	0.00
7) Phenol-d6	7.31	99	1404957	124.93	ng	0.00
23) Nitrobenzene-d5	9.33	82	988034	80.89	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	825509	136.99	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1916737	79.34	ng	0.00
78) Terphenyl-d14	20.15	244	3115507	67.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	94474	29.22	ng	# 95
3) Pyridine	3.99	79	151050	16.70	ng	94
4) n-Nitrosodimethylamine	3.89	42	87233	16.86	ng	92
6) Aniline	7.48	93	227552	15.26	ng	98
8) 2-Chlorophenol	7.72	128	174177	21.08	ng	95
9) Benzaldehyde	7.29	77	157463	39.79	ng	94
10) Phenol	7.33	94	261921	22.04	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	183565	18.76	ng	99
12) 1,3-Dichlorobenzene	8.05	146	185772	18.47	ng	94
13) 1,4-Dichlorobenzene	8.20	146	196683	19.51	ng	91
14) 1,2-Dichlorobenzene	8.52	146	179906	18.76	ng	93
15) Benzyl Alcohol	8.39	79	219409	21.09	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	200538	18.53	ng	99
17) 2-Methylphenol	8.60	107	168012	21.44	ng	95
18) Hexachloroethane	9.26	117	74356	17.82	ng	# 86
19) n-Nitroso-di-n-propylamine	8.96	70	172468	18.41	ng	98
20) 3+4-Methylphenols	8.92	107	224877	20.84	ng	96
22) Acetophenone	8.99	105	305324	20.43	ng	# 89
24) Nitrobenzene	9.37	77	269714	19.98	ng	94
25) Isophorone	9.90	82	455079	19.19	ng	99
26) 2-Nitrophenol	10.09	139	104509	21.49	ng	94
27) 2,4-Dimethylphenol	10.14	122	178978	19.26	ng	91
28) bis(2-Chloroethoxy)methane	10.38	93	267630	20.67	ng	99
29) 2,4-Dichlorophenol	10.62	162	208151	23.00	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	215440	20.04	ng	95
31) Naphthalene	11.04	128	527438	20.30	ng	99
32) Benzoic acid	10.23	122	119932	22.76	ng	94
33) 4-Chloroaniline	11.14	127	95036	8.49	ng	# 95
34) Hexachlorobutadiene	11.32	225	170915	20.46	ng	93
35) Caprolactam	11.90	113	65274m	22.89	ng	
36) 4-Chloro-3-methylphenol	12.25	107	252048	22.68	ng	99
37) 2-Methylnaphthalene	12.63	142	417444	20.71	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	285045	19.71	ng	98
40) Hexachlorocyclopentadiene	12.97	237	597517	51.75	ng	98

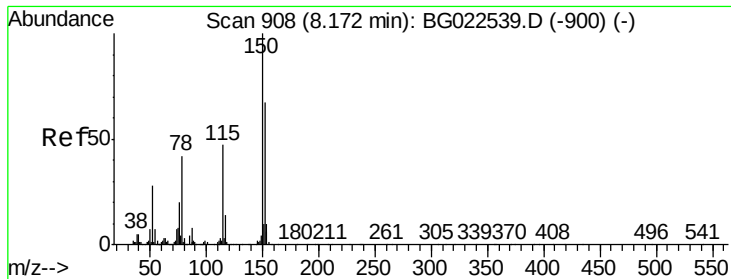
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	203620	21.95	nq	98
43) 2,4,5-Trichlorophenol	13.30	196	220336	22.70	nq	94
45) 1,1'-Biphenyl	13.63	154	600967	20.59	nq	97
46) 2-Chloronaphthalene	13.67	162	482941	20.11	nq	96
47) 2-Nitroaniline	13.87	65	200440	21.62	nq	100
48) Acenaphthylene	14.52	152	711837	20.44	nq	99
49) Dimethylphthalate	14.24	163	669047	21.05	nq	99
50) 2,6-Dinitrotoluene	14.36	165	153443	22.22	nq	85
51) Acenaphthene	14.86	154	691612m	26.95	nq	
52) 3-Nitroaniline	14.70	138	105853	16.38	nq	# 87
53) 2,4-Dinitrophenol	14.90	184	304632	71.61	nq	94
54) Dibenzofuran	15.20	168	790602	21.27	nq	95
55) 4-Nitrophenol	15.00	139	372125	68.10	nq	96
56) 2,4-Dinitrotoluene	15.15	165	223935	23.41	nq	# 92
57) Fluorene	15.84	166	645170	21.75	nq	93
58) 2,3,4,6-Tetrachlorophenol	15.42	232	226133	22.47	nq	99
59) Diethylphthalate	15.60	149	693965	21.24	nq	100
60) 4-Chlorophenyl-phenylether	15.83	204	374431	21.21	nq	97
61) 4-Nitroaniline	15.86	138	152912	22.93	nq	# 85
62) Azobenzene	16.13	77	737478	20.84	nq	93
64) 4,6-Dinitro-2-methylphenol	15.91	198	142718	20.92	nq	94
65) n-Nitrosodiphenylamine	16.05	169	603758	20.39	nq	97
66) 4-Bromophenyl-phenylether	16.74	248	263036	19.93	nq	92
67) Hexachlorobenzene	16.85	284	284996	20.42	nq	99
68) Atrazine	16.99	200	270125	21.61	nq	99
69) Pentachlorophenol	17.19	266	586607	61.08	nq	97
70) Phenanthrene	17.60	178	1160059	22.36	nq	98
71) Anthracene	17.69	178	1179489	22.09	nq	99
72) Carbazole	17.96	167	1034949	22.86	nq	96
73) Di-n-butylphthalate	18.50	149	1222433	23.19	nq	95
74) Fluoranthene	19.60	202	1473988	24.66	nq	97
76) Benzidine	19.78	184	904077	69.55	nq	100
77) Pyrene	19.96	202	1480987	22.78	nq	95
79) Butylbenzylphthalate	20.84	149	593331	21.08	nq	98
80) Benzo(a)anthracene	21.83	228	1569164	23.23	nq	95
81) 3,3'-Dichlorobenzidine	21.74	252	385146	13.80	nq	99
82) Chrysene	21.90	228	1451008	22.86	nq	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	807953	20.39	nq	98
84) Di-n-octyl phthalate	22.97	149	1393287	21.33	nq	96
85) Indeno(1,2,3-cd)pyrene	29.05	276	1690937	20.27	nq	# 100
87) Benzo(b)fluoranthene	24.14	252	1633034	21.45	nq	99
88) Benzo(k)fluoranthene	24.20	252	1586268	22.04	nq	99
89) Benzo(a)pyrene	25.05	252	1568916	21.14	nq	94
90) Dibenzo(a,h)anthracene	29.13	278	1414159	20.24	nq	# 98
91) Benzo(g,h,i)perylene	30.25	276	1393794	19.60	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

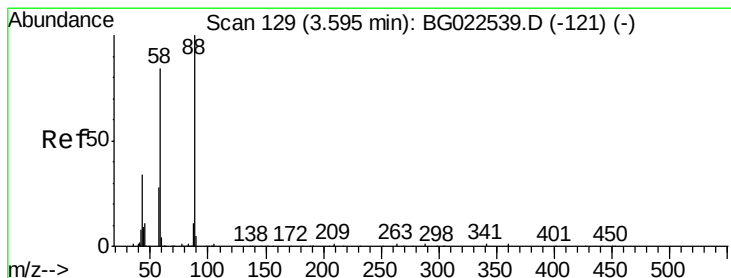
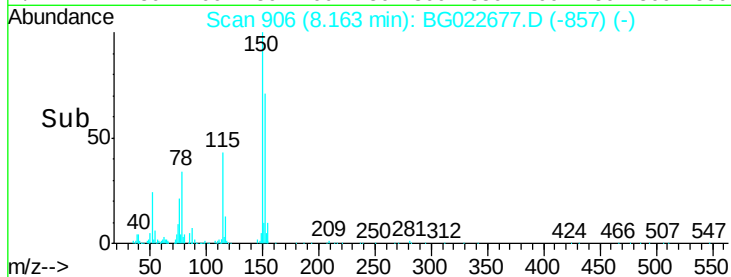
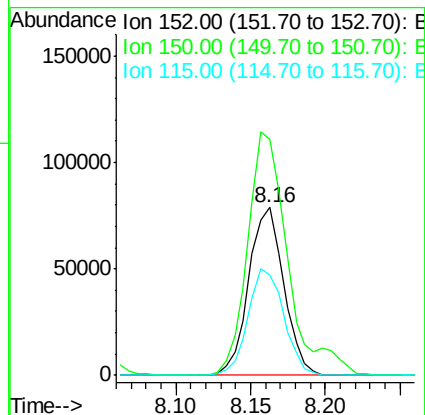
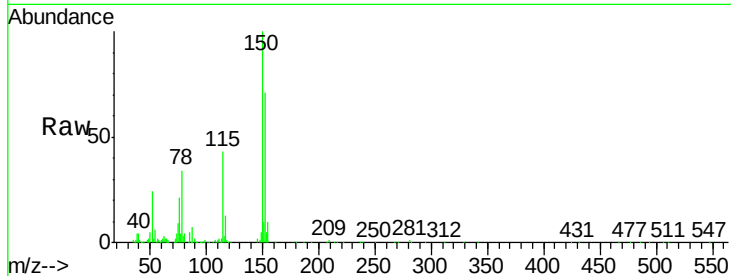
BNA_G

ClientSampleId :

PB91593BS

Tot Ion:152 Resp: 127970

Ion	Ratio	Lower	Upper
152	100		
150	140.5	144.7	217.1#
115	60.0	64.0	96.0#



#2

1,4-Dioxane

Concen: 29.22 ng

RT: 3.58 min Scan# 126

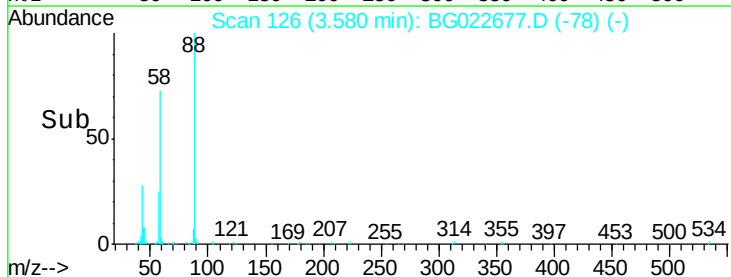
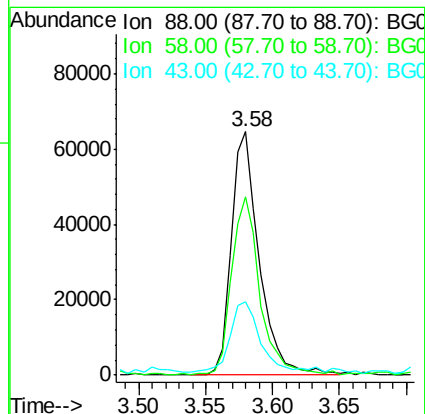
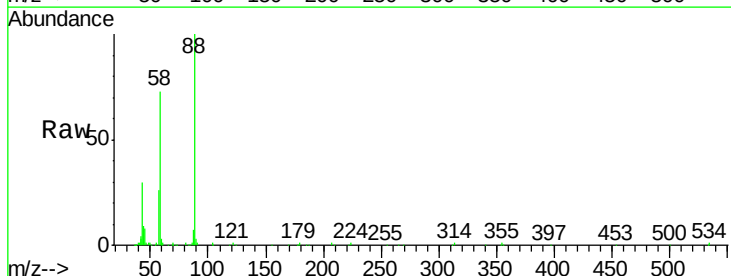
Delta R.T. -0.02 min

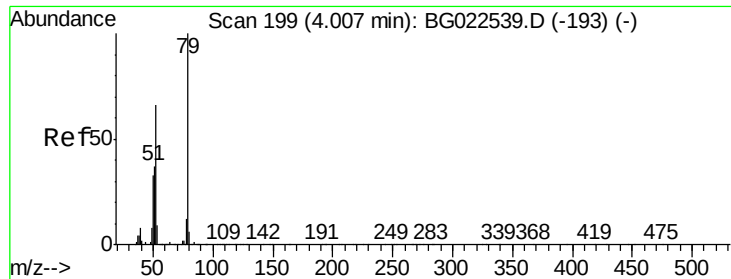
Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Tgt Ion: 88 Resp: 94474

Ion	Ratio	Lower	Upper
88	100		
58	74.4	60.4	90.6
43	30.9	31.1	46.7#





#3

Pvridine

Concen: 16.70 ng

RT: 3.99 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

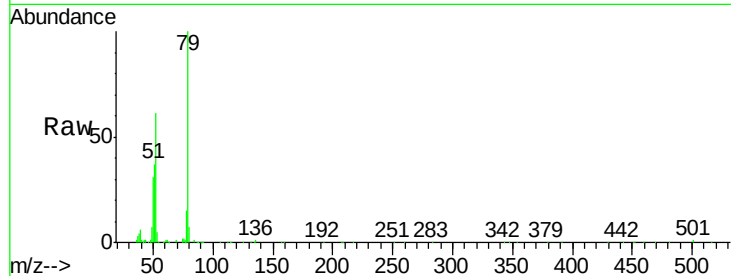
Tot Ion: 79 Resp: 151050

Ion Ratio Lower Upper

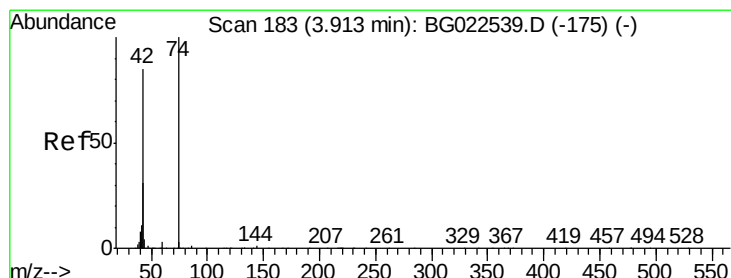
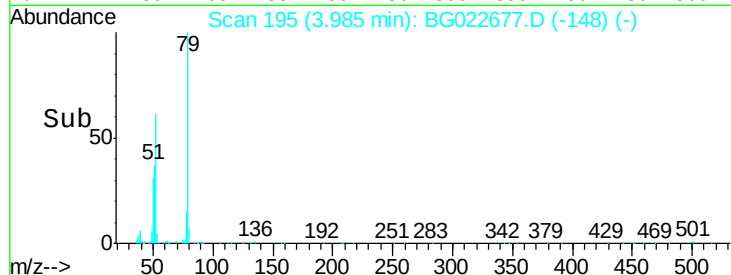
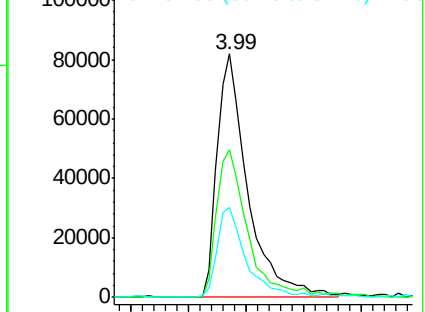
79 100

52 60.6 51.8 77.8

51 37.2 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: 16.86 ng

RT: 3.89 min Scan# 179

Delta R.T. -0.02 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

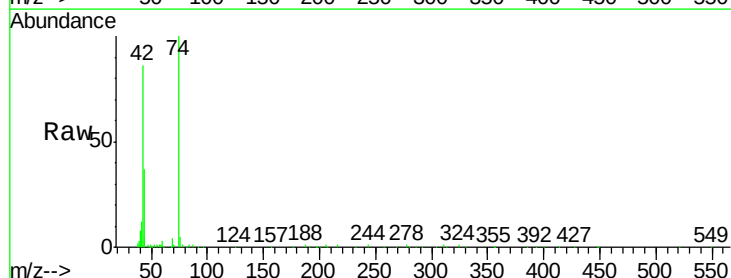
Tgt Ion: 42 Resp: 87233

Ion Ratio Lower Upper

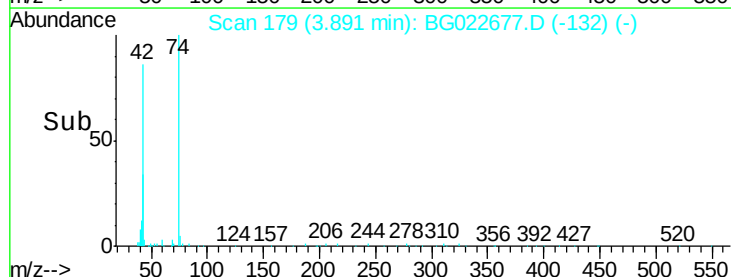
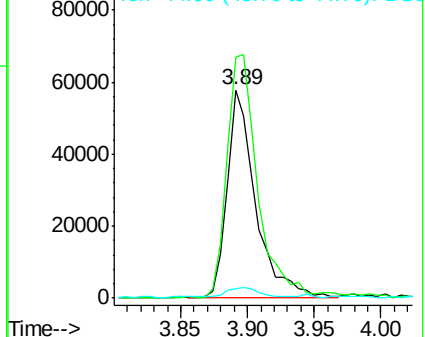
42 100

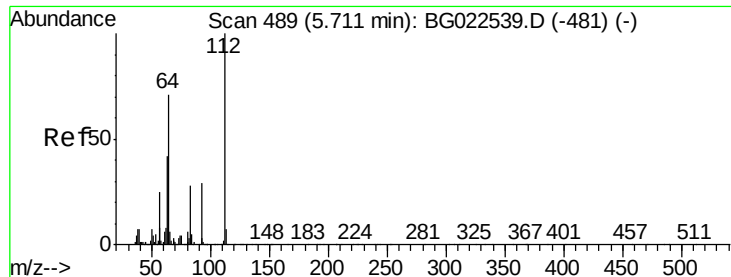
74 116.1 100.6 150.8

44 4.5 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: 121.14 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

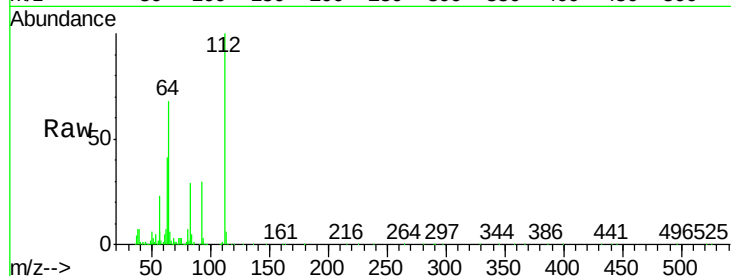
Tot Ion:112 Resp: 966495

Ion Ratio Lower Upper

112 100

64 68.5 59.0 88.4

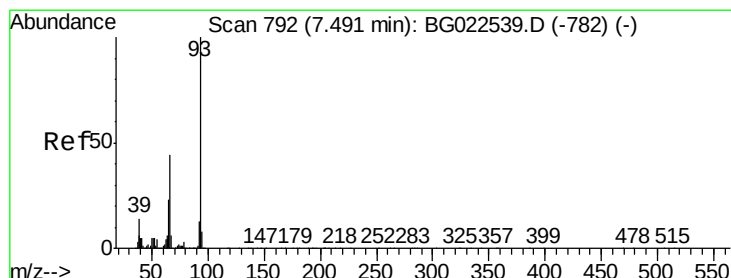
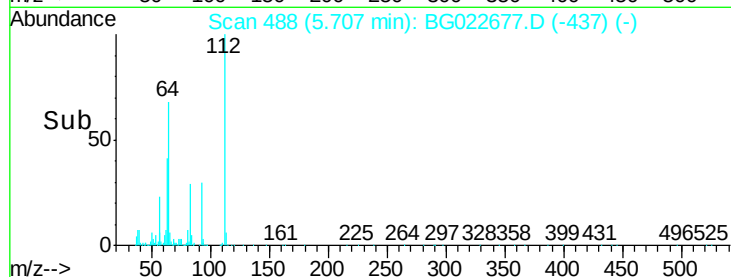
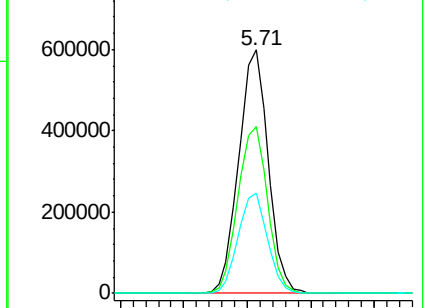
63 41.1 37.8 56.8



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: 15.26 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

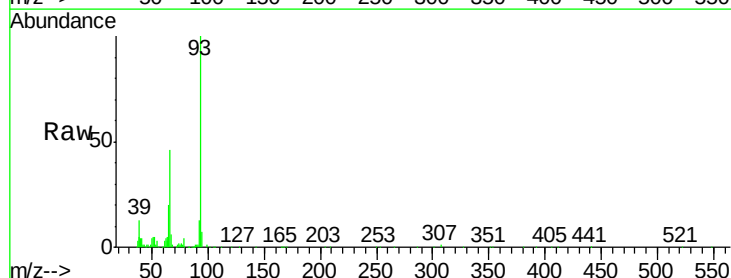
Tgt Ion: 93 Resp: 227552

Ion Ratio Lower Upper

93 100

66 46.0 37.5 56.3

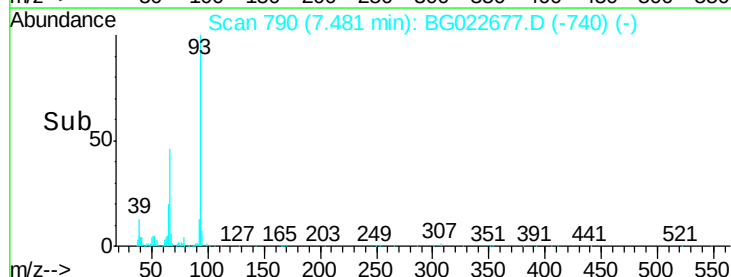
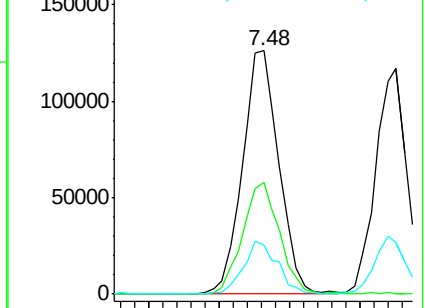
65 20.3 17.9 26.9

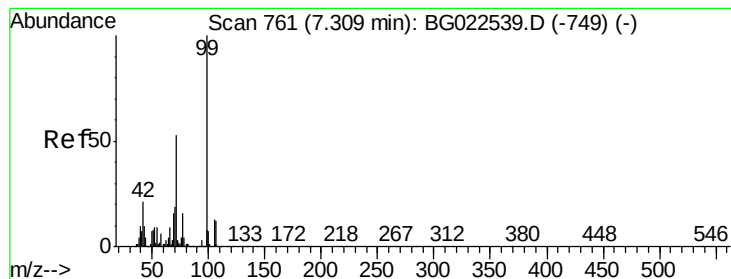


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.93 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

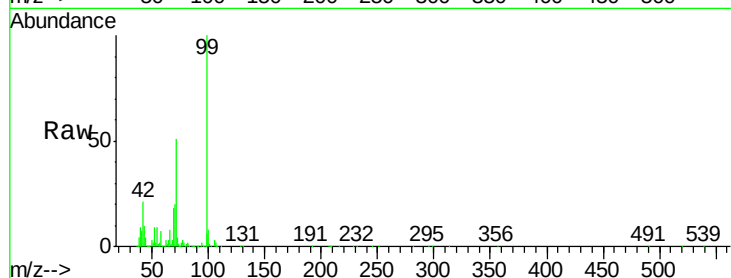
Tot Ion: 99 Resp: 1404957

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.8	26.6
71	50.8	41.5	62.3

99 100

42 20.6 17.8 26.6

71 50.8 41.5 62.3



Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

1000000

800000

600000

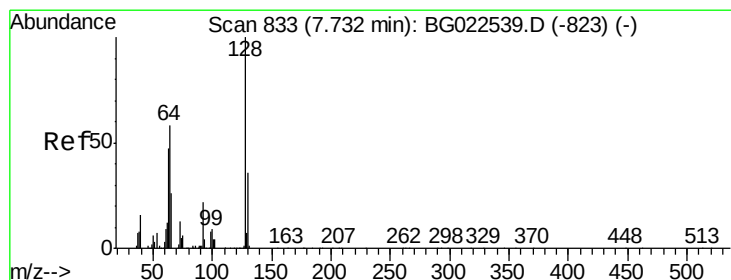
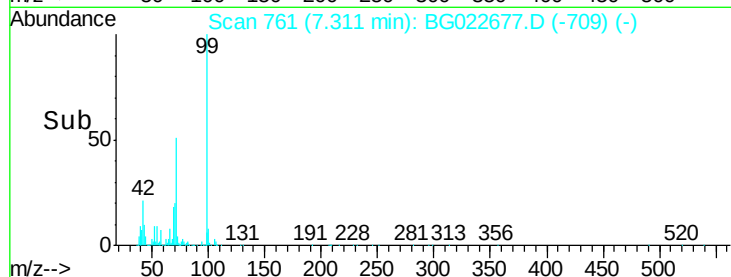
400000

200000

0

7.31

Time--> 7.20 7.25 7.30 7.35 7.40



#8

2-Chlorophenol

Concen: 21.08 ng

RT: 7.72 min Scan# 831

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

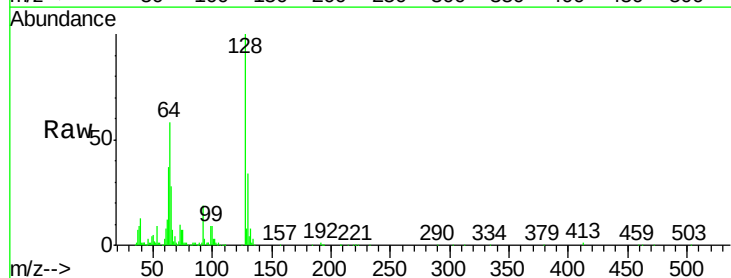
Tgt Ion: 128 Resp: 174177

Ion	Ratio	Lower	Upper
128	100		
130	34.5	12.9	52.9
64	57.6	42.0	82.0

128 100

130 34.5 12.9 52.9

64 57.6 42.0 82.0



Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

150000

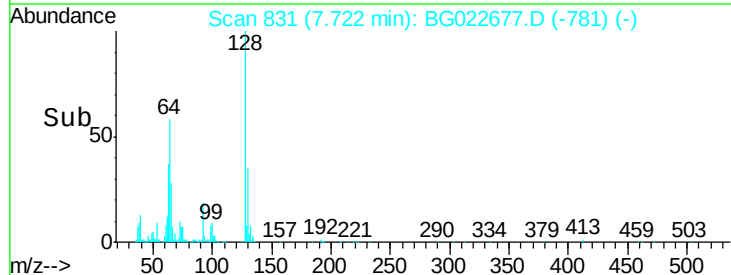
100000

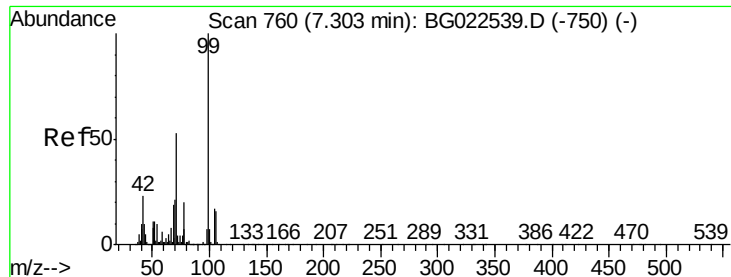
50000

0

7.72

Time--> 7.65 7.70 7.75 7.80





#9

Benzaldehyde

Concen: 39.79 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

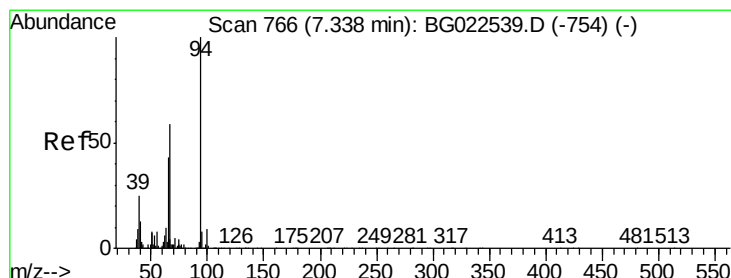
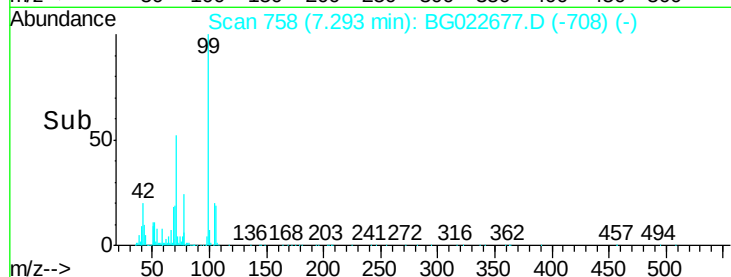
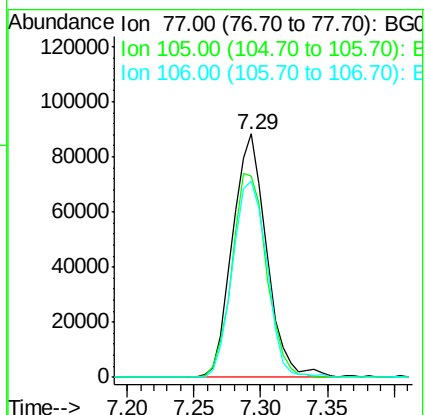
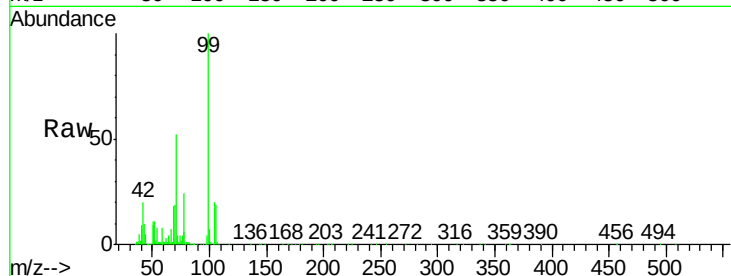
Tot Ion: 77 Resp: 157463

Ion Ratio Lower Upper

77 100

105 82.5 58.7 98.7

106 80.6 67.5 107.5



#10

Phenol

Concen: 22.04 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

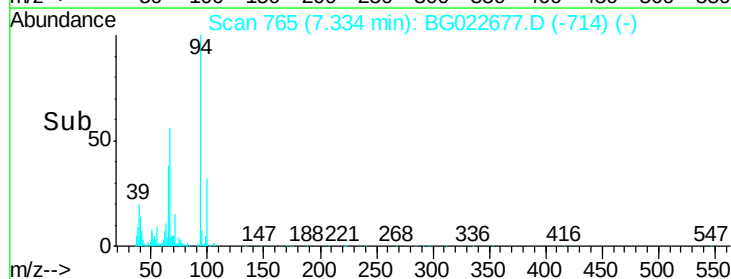
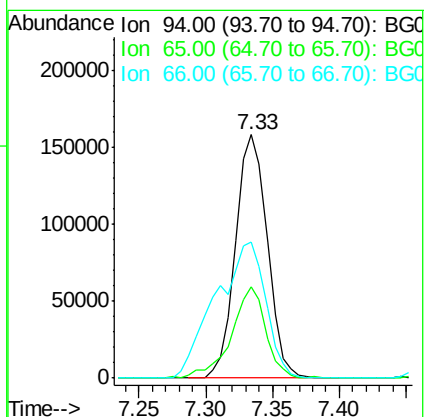
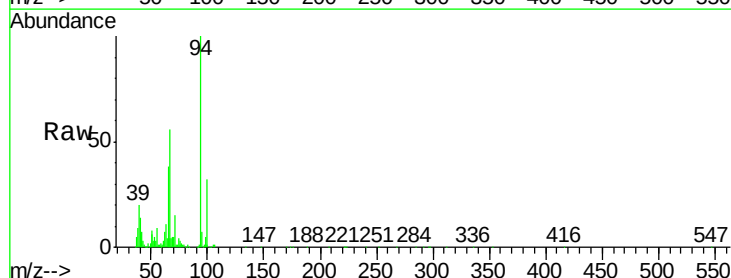
Tgt Ion: 94 Resp: 261921

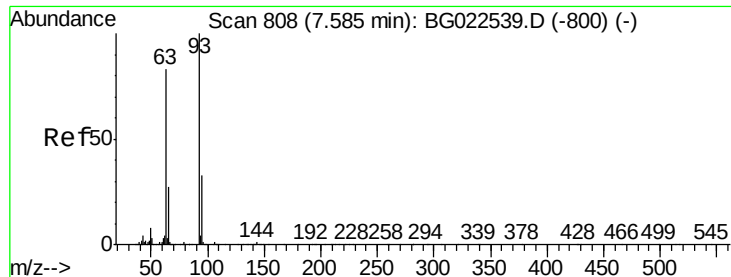
Ion Ratio Lower Upper

94 100

65 37.7 18.1 58.1

66 55.8 42.1 82.1

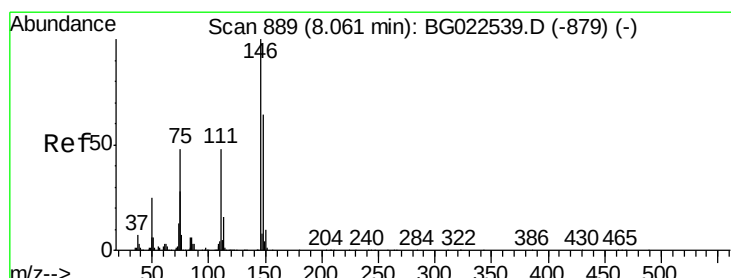
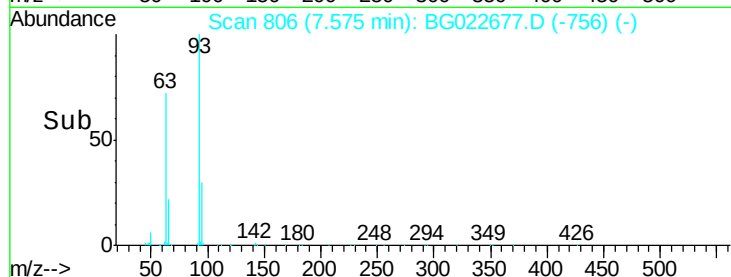
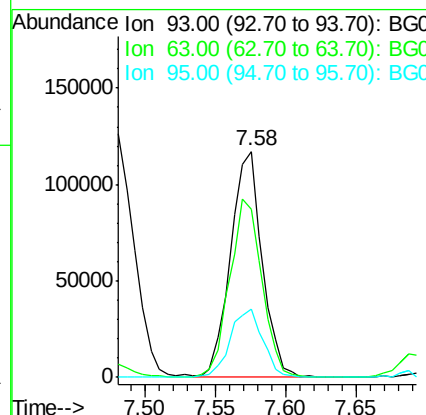
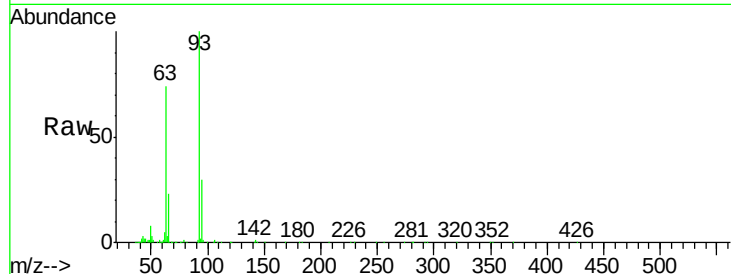




#11
bis(2-Chloroethyl)ether
Concen: 18.76 ng
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

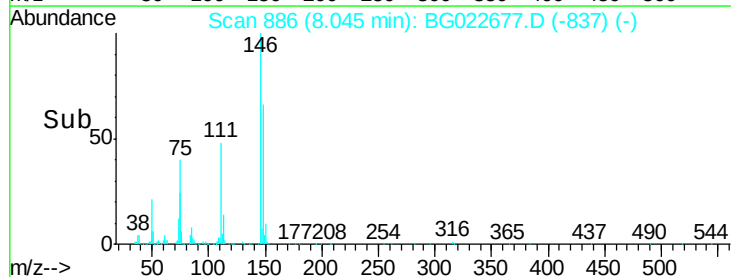
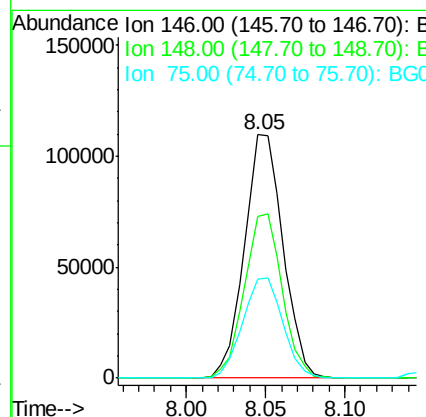
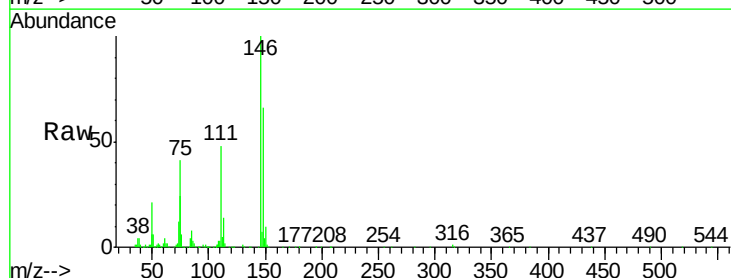
Instrument :
BNA_G
ClientSampleId :
PB91593BS

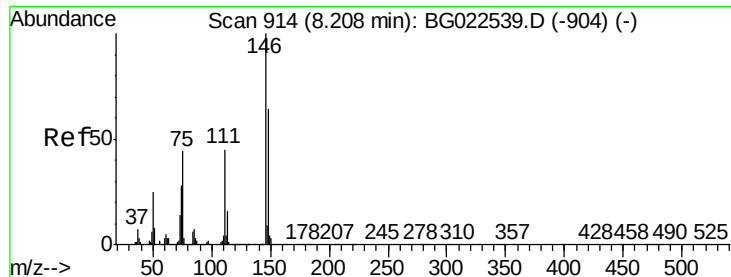
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	55.0	95.0
95	29.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 18.47 ng
RT: 8.05 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	50.3	75.5
75	40.6	37.0	55.6

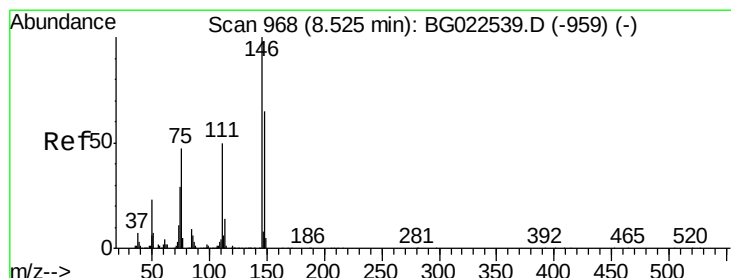
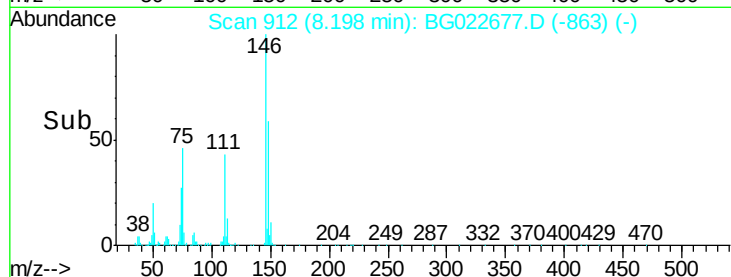
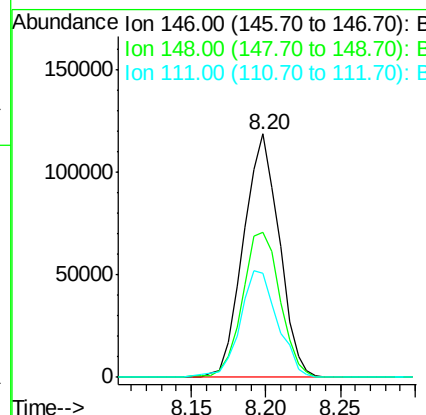
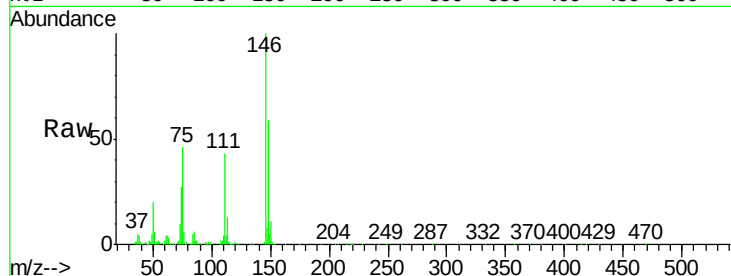




#13
 1,4-Dichlorobenzene
 Concen: 19.51 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

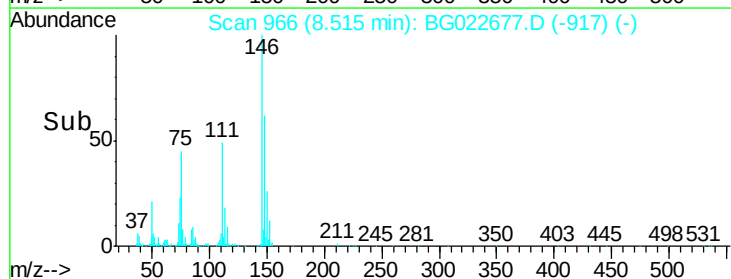
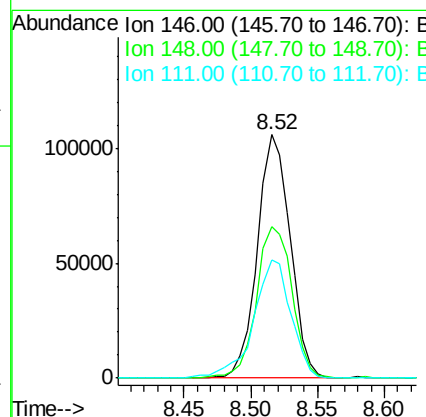
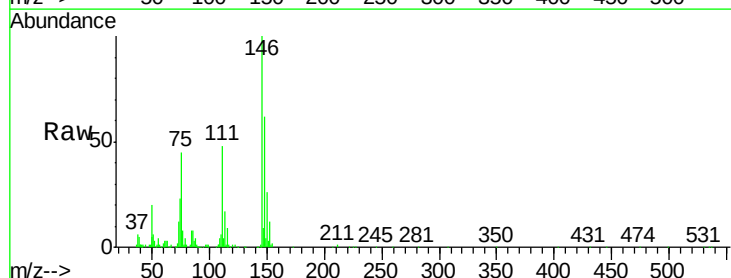
Instrument :
 BNA_G
 ClientSampleID :
 PB91593BS

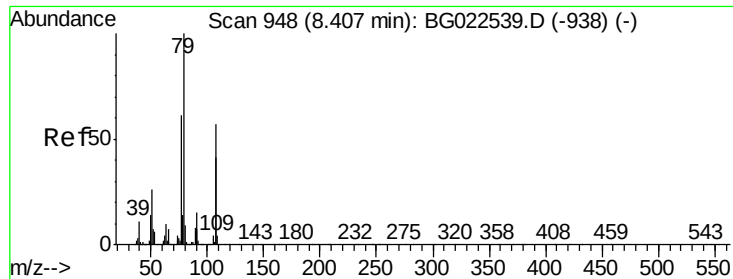
Tot Ion	Ratio	Lower	Upper
146	100		
148	59.5	54.5	81.7
111	43.0	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 18.76 ng
 RT: 8.52 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.9	79.3
111	48.4	43.5	65.3

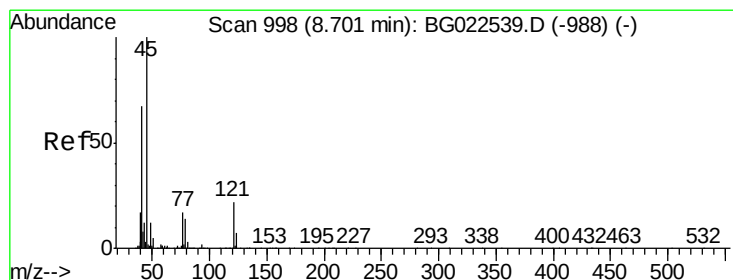
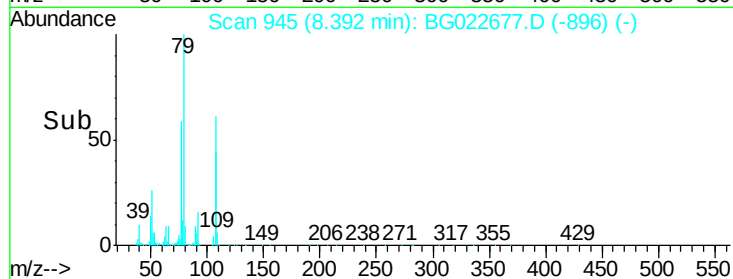
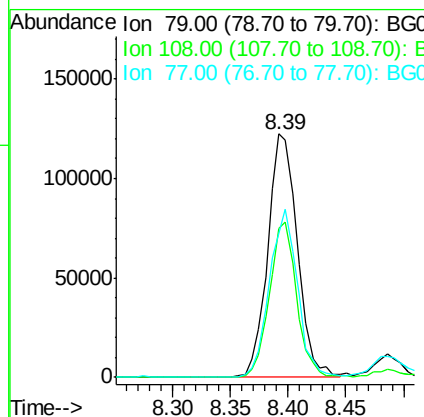
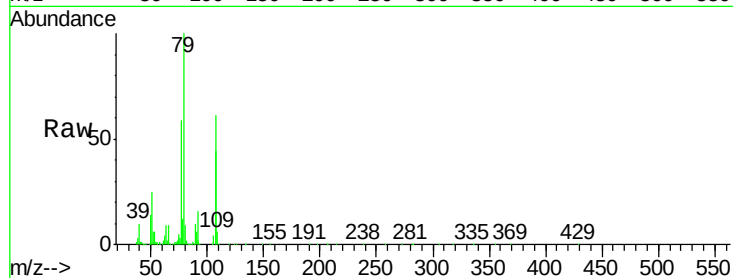




#15
Benzyl Alcohol
Concen: 21.09 ng
RT: 8.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

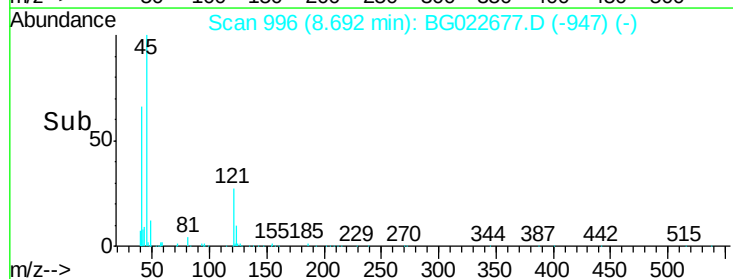
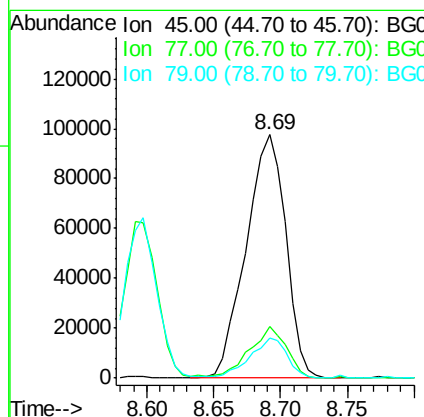
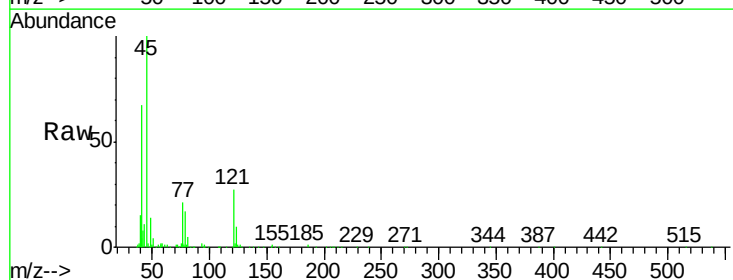
Instrument :
BNA_G
ClientSampleId :
PB91593BS

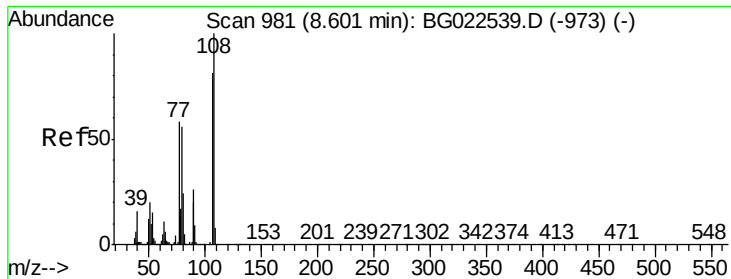
Tot Ion	Ratio	Lower	Upper
79	100		
108	61.0	46.5	69.7
77	59.2	52.3	78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.53 ng
RT: 8.69 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.3	0.6	40.6
79	16.6	0.0	36.2





#17

2-Methylphenol

Concen: 21.44 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

Tot Ion:107 Resp: 168012

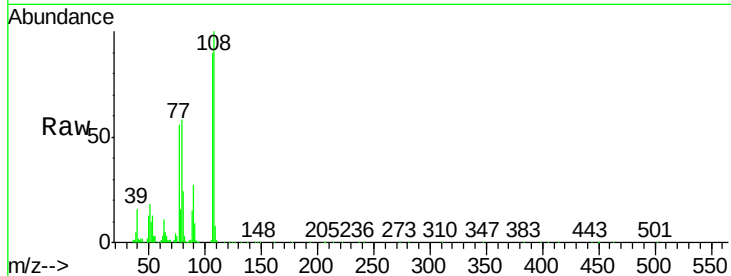
Ion Ratio Lower Upper

107 100

108 111.2 92.0 138.0

77 62.5 55.8 83.6

79 64.5 55.0 82.6

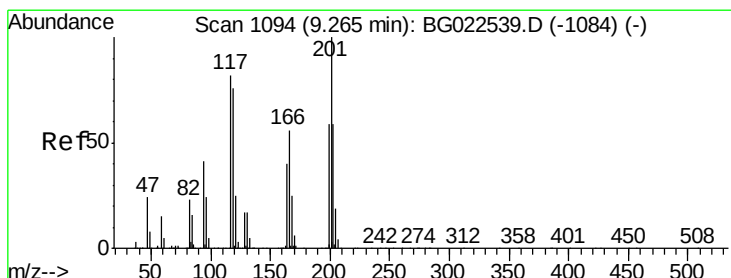
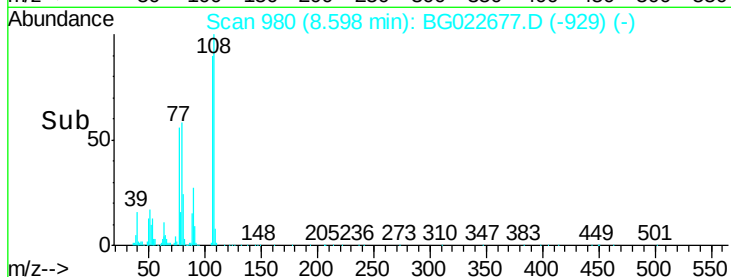
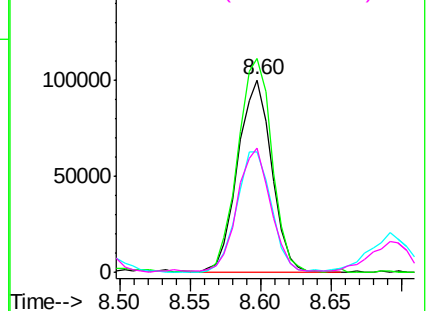


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 17.82 ng

RT: 9.26 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

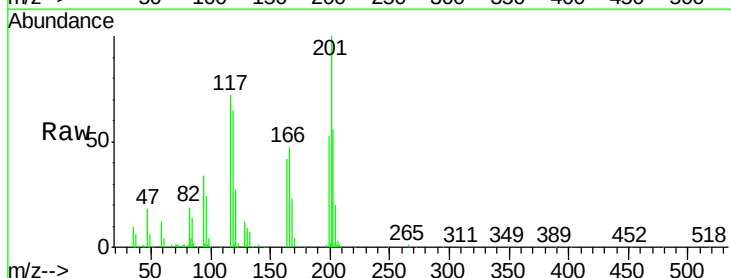
Tgt Ion:117 Resp: 74356

Ion Ratio Lower Upper

117 100

119 91.4 73.7 110.5

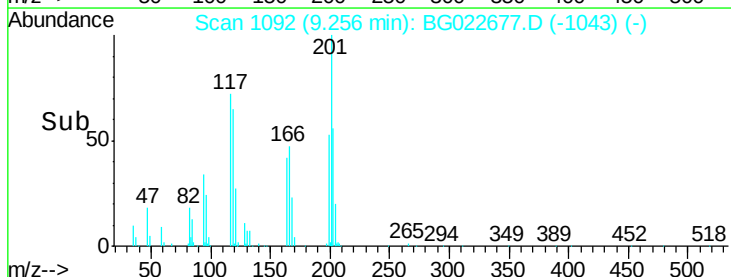
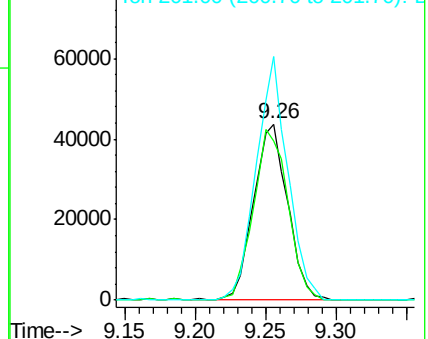
201 138.2 88.7 133.1#

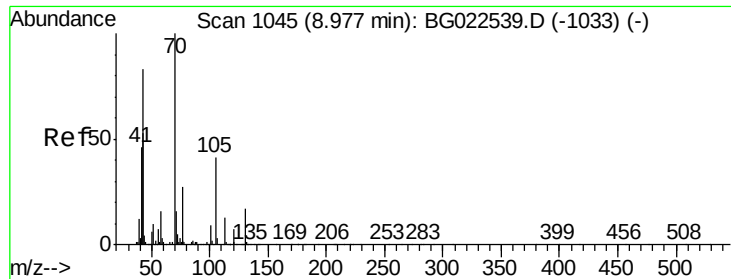


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

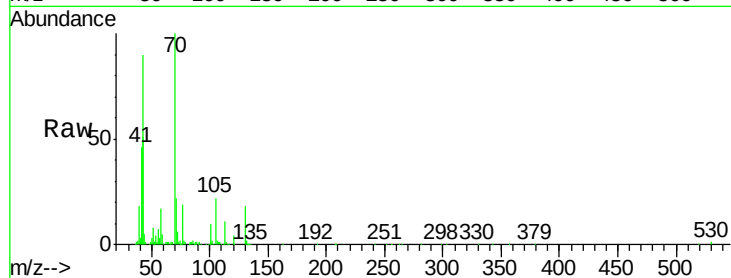




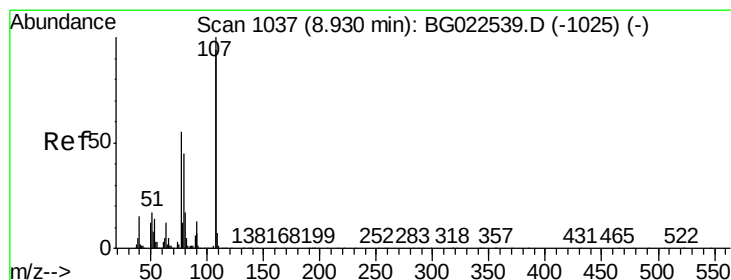
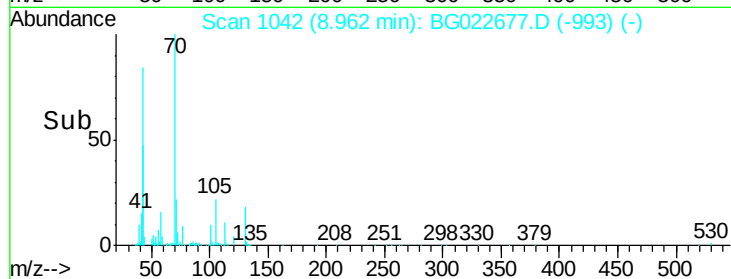
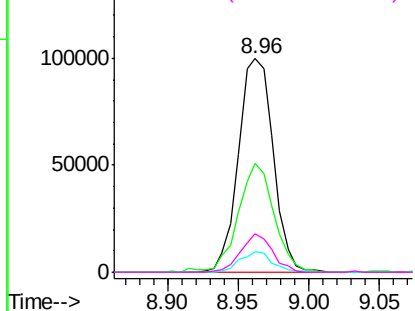
#19
 n-Nitroso-di-n-propylamine
 Concen: 18.41 ng
 RT: 8.96 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

Tot Ion:	70	Resp:	172468
Ion	Ratio	Lower	Upper
70	100		
42	51.2	42.1	63.1
101	9.8	7.2	10.8
130	18.2	14.2	21.2

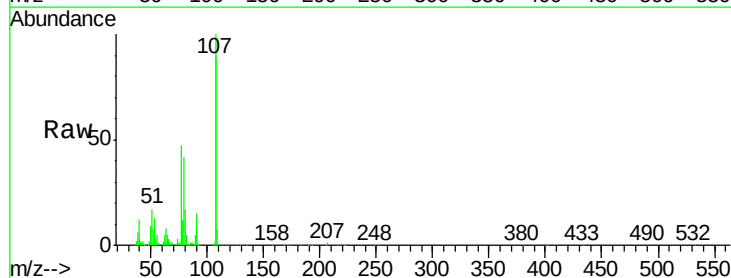


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

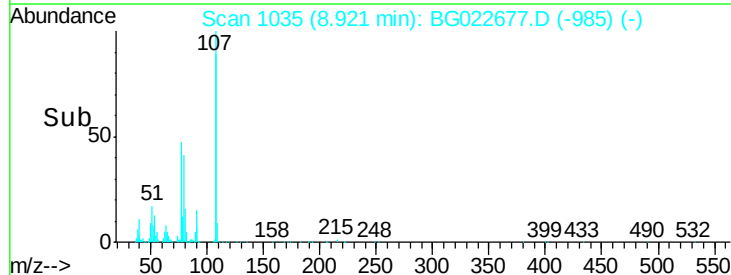
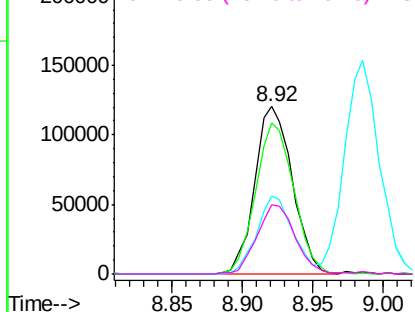


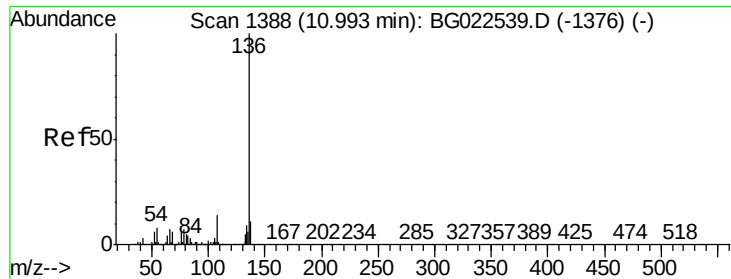
#20
 3+4-Methylphenols
 Concen: 20.84 ng
 RT: 8.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

Tgt Ion:	107	Resp:	224877
Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.5	112.5
77	46.8	30.1	70.1
79	41.6	24.2	64.2



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

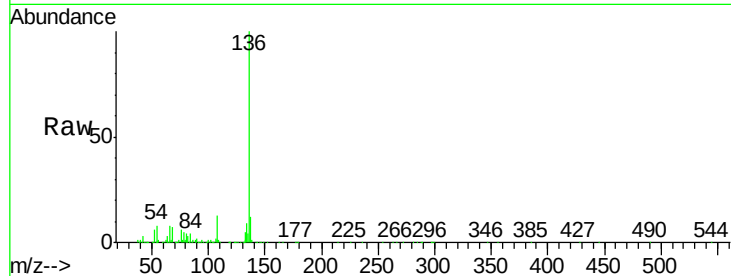




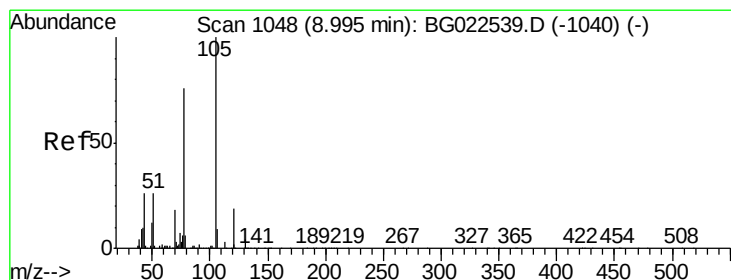
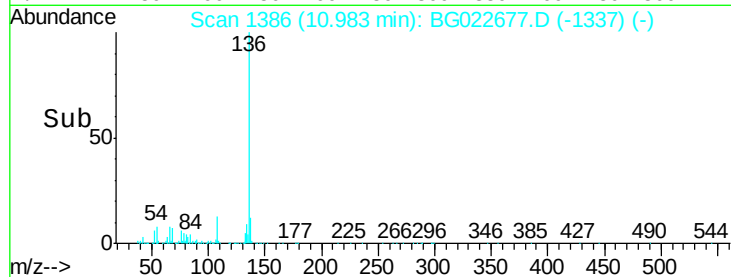
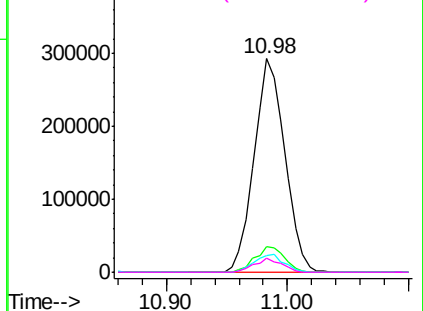
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Instrument :
BNA_G
ClientSampleId :
PB91593BS

Tot Ion:136	Resp:	516980	
Ion Ratio	Lower	Upper	
136 100			
137 12.2	9.6	14.4	
54 7.9	7.3	10.9	
68 6.5	5.3	7.9	

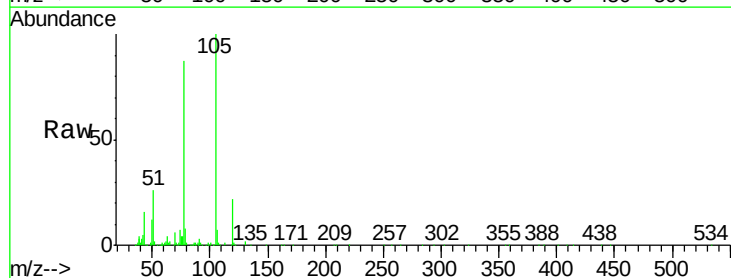


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

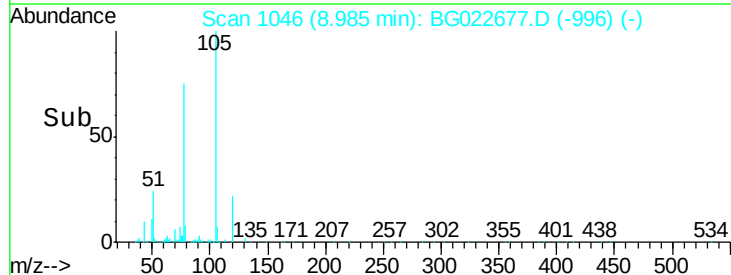
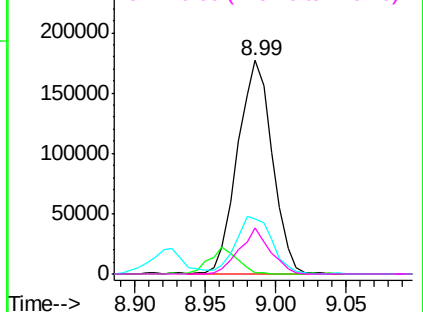


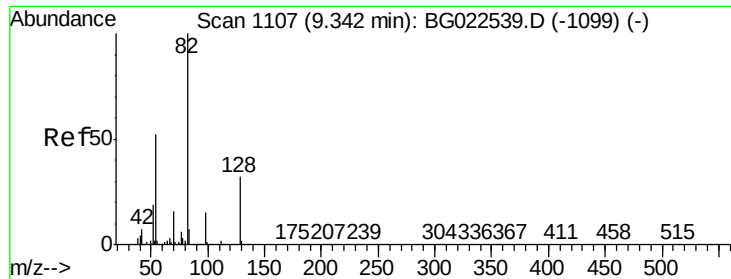
#22
Acetophenone
Concen: 20.43 ng
RT: 8.99 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt	Ion:105	Resp:	305324
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.6	3.8#
51	26.0	27.1	40.7#
120	21.8	15.1	22.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

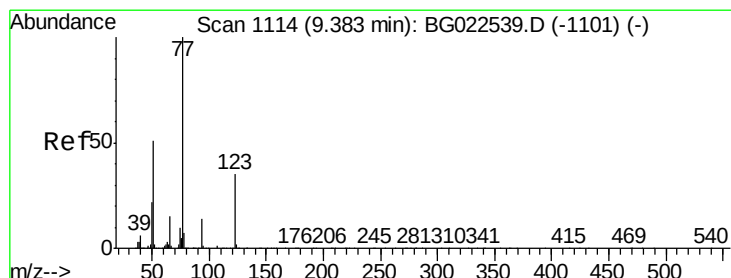
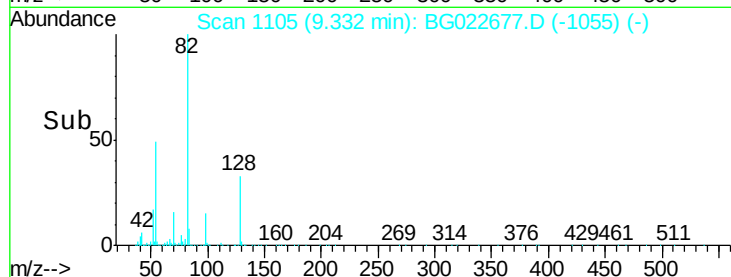
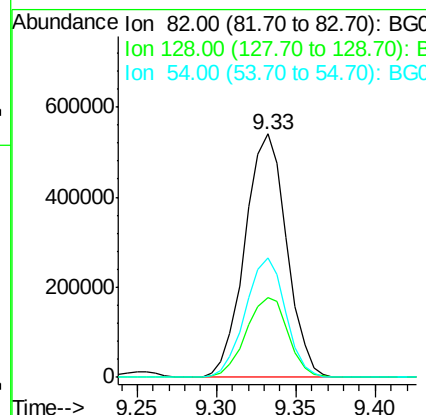
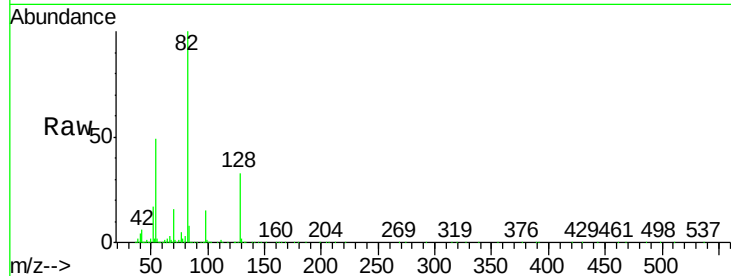




#23
 Nitrobenzene-d5
 Concen: 80.89 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

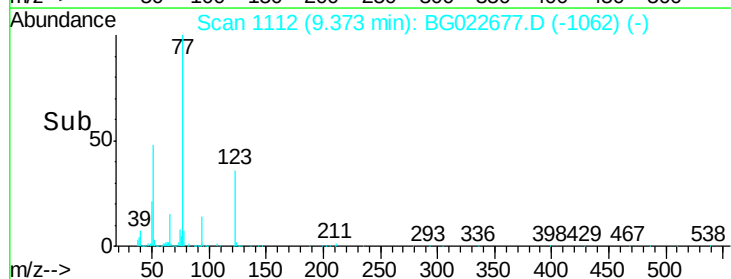
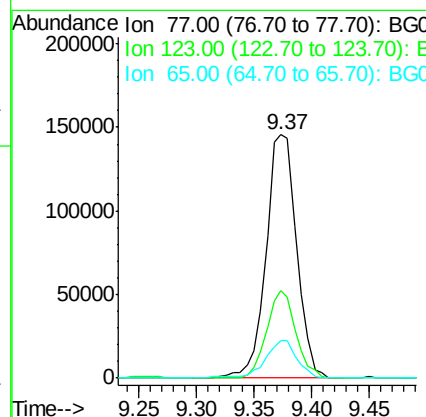
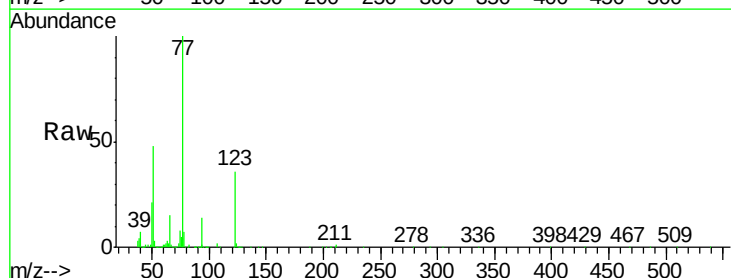
Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

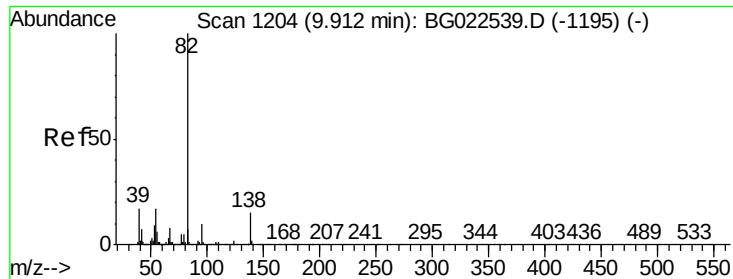
Tot Ion: 82 Resp: 988034
 Ion Ratio Lower Upper
 82 100
 128 32.8 24.4 36.6
 54 49.2 41.4 62.0



#24
 Nitrobenzene
 Concen: 19.98 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

Tgt Ion: 77 Resp: 269714
 Ion Ratio Lower Upper
 77 100
 123 35.7 25.0 37.6
 65 15.4 13.4 20.0





#25

Isophorone

Concen: 19.19 ng

RT: 9.90 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

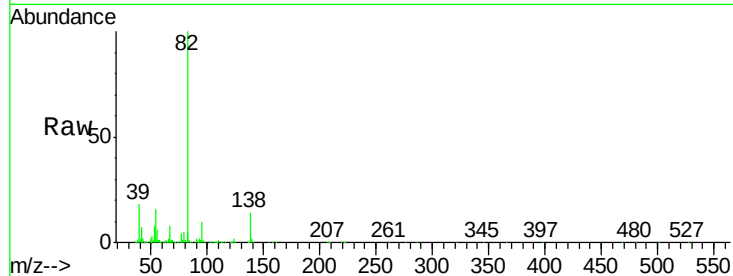
Tot Ion: 82 Resp: 455079

Ion Ratio Lower Upper

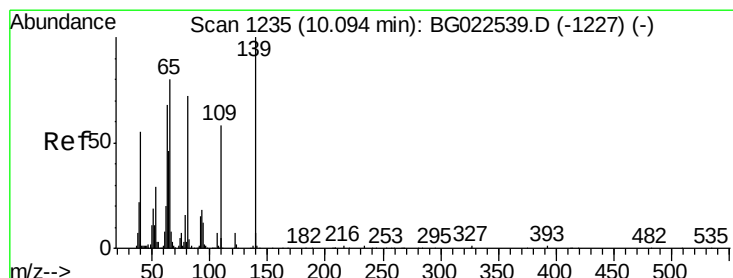
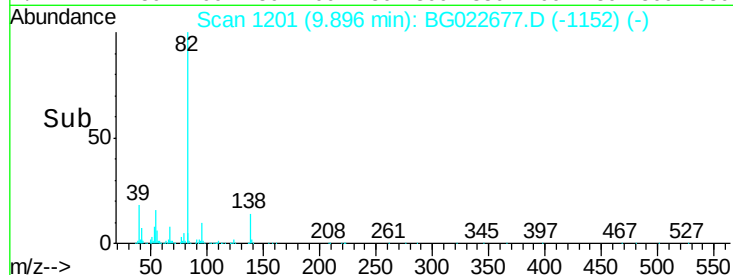
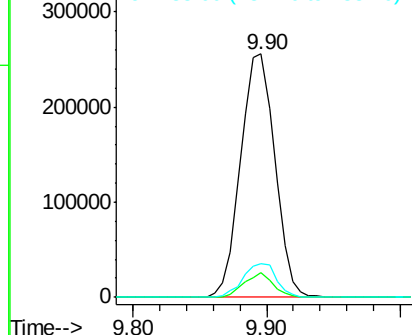
82 100

95 9.9 8.2 12.2

138 14.1 10.7 16.1



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



#26

2-Nitrophenol

Concen: 21.49 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

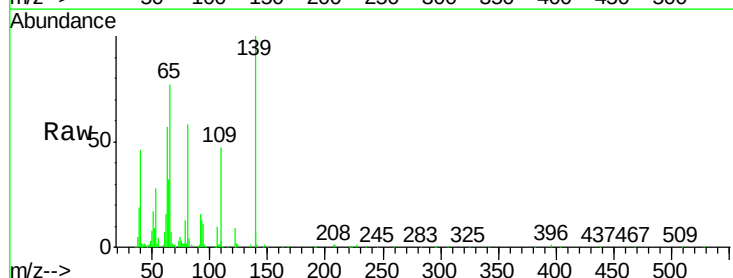
Tgt Ion: 139 Resp: 104509

Ion Ratio Lower Upper

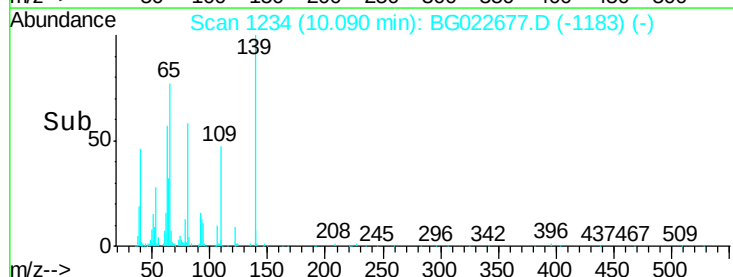
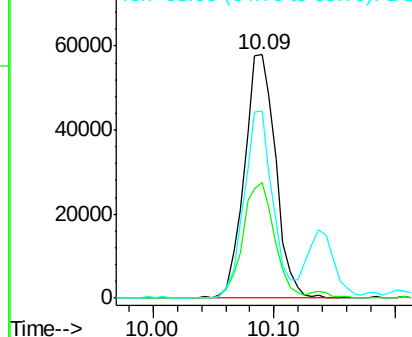
139 100

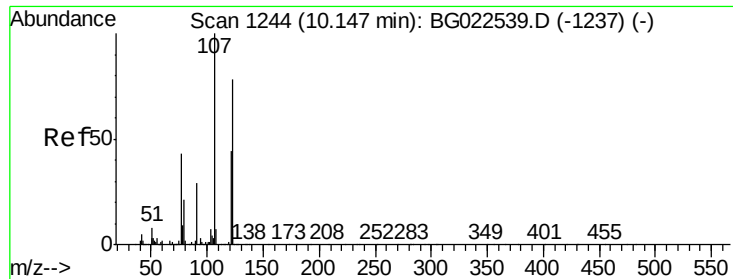
109 47.4 43.5 65.3

65 77.2 64.3 96.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 19.26 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

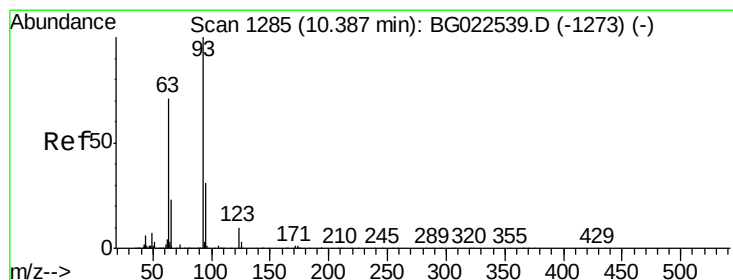
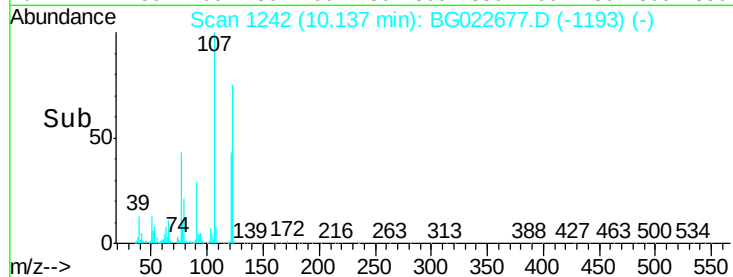
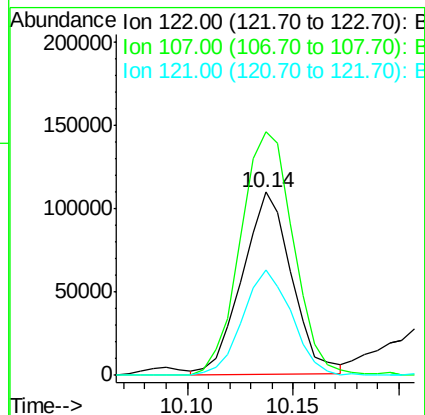
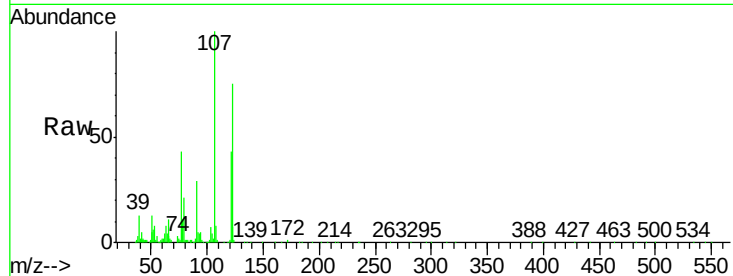
Tot Ion:122 Resp: 178978

Ion Ratio Lower Upper

122 100

107 132.9 117.0 175.4

121 57.7 50.1 75.1



#28

bis(2-Chloroethoxy)methane

Concen: 20.67 ng

RT: 10.38 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

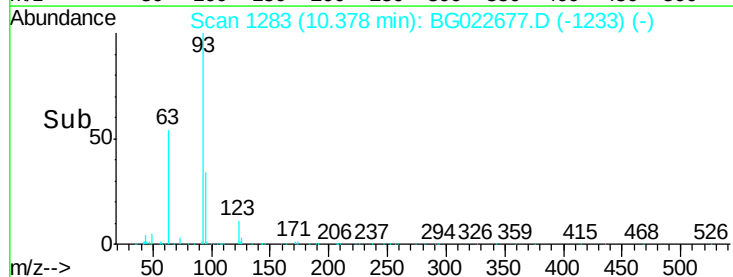
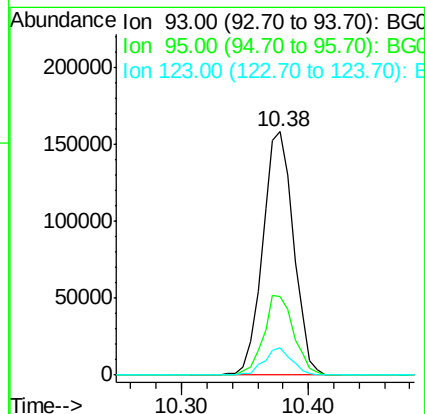
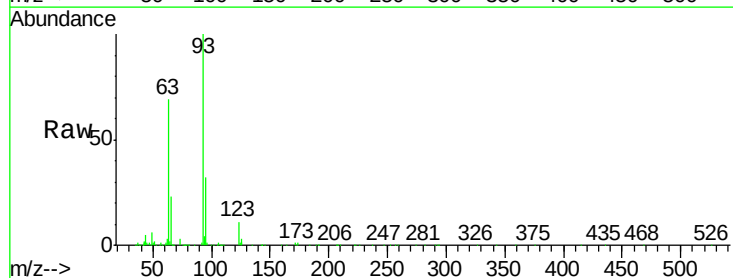
Tgt Ion: 93 Resp: 267630

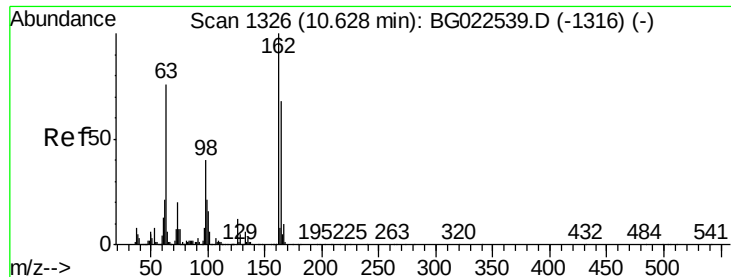
Ion Ratio Lower Upper

93 100

95 32.3 25.4 38.2

123 11.0 8.2 12.2

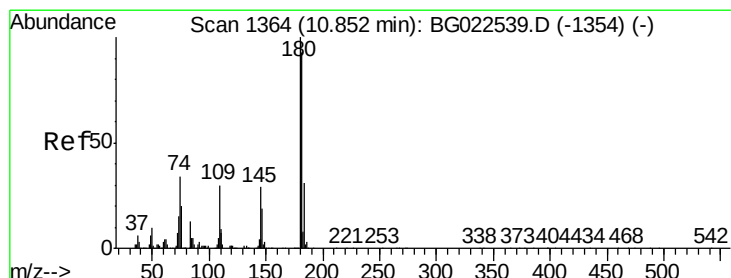
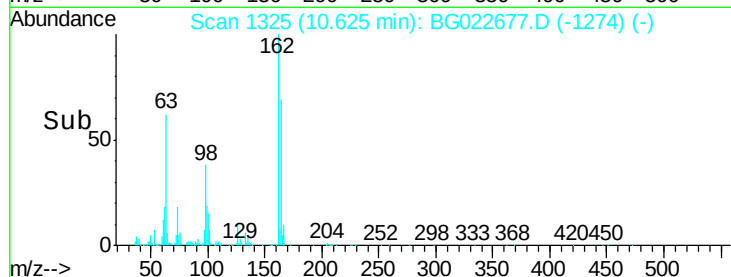
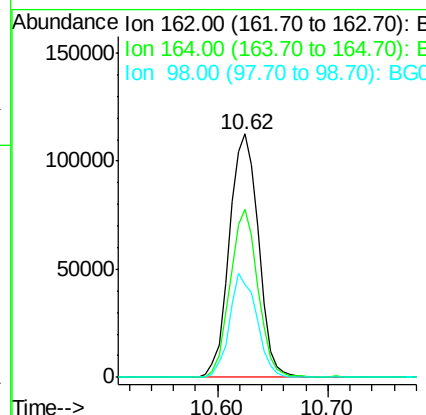
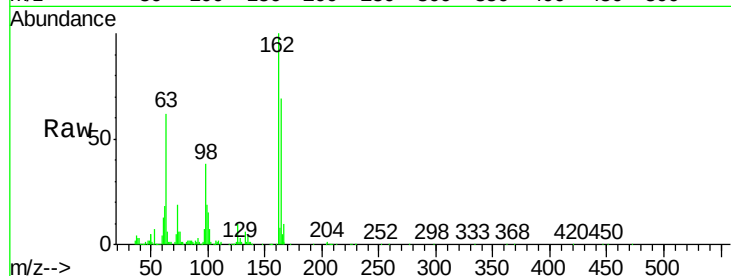




#29
2,4-Dichlorophenol
Concen: 23.00 ng
RT: 10.62 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

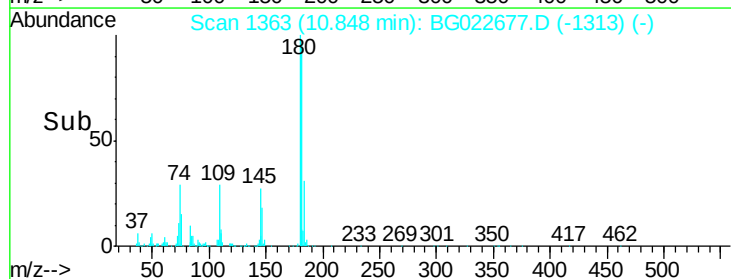
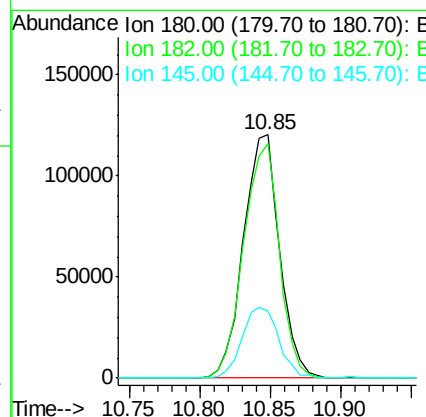
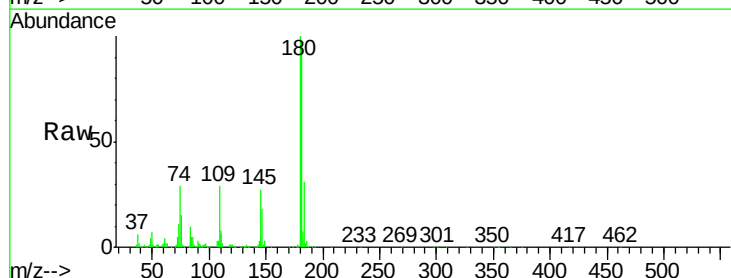
Instrument :
BNA_G
ClientSampleId :
PB91593BS

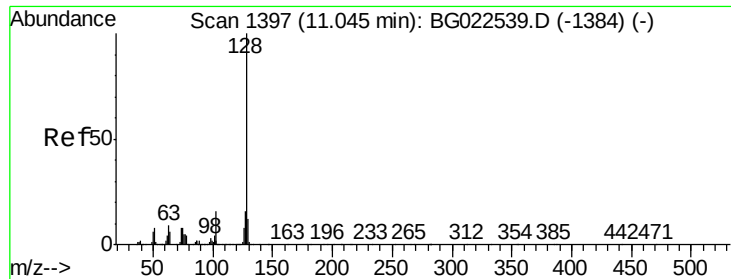
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.9	44.3	84.3
98	38.0	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 20.04 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.8	110.8
145	27.3	24.4	36.6

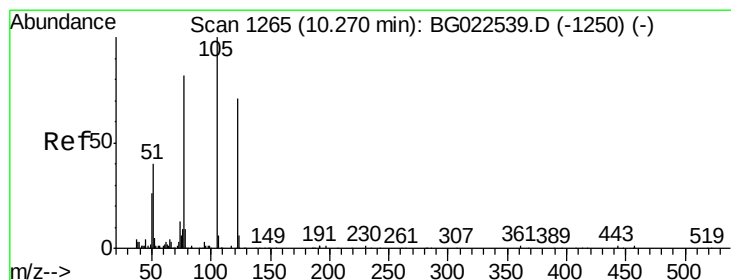
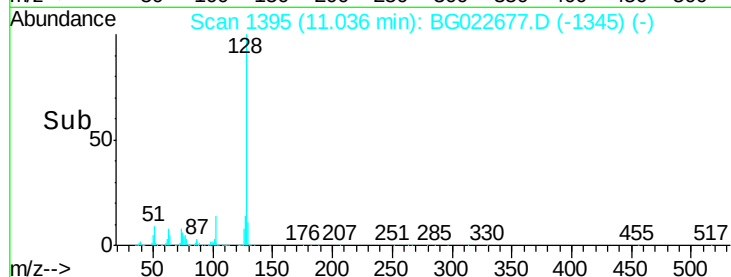
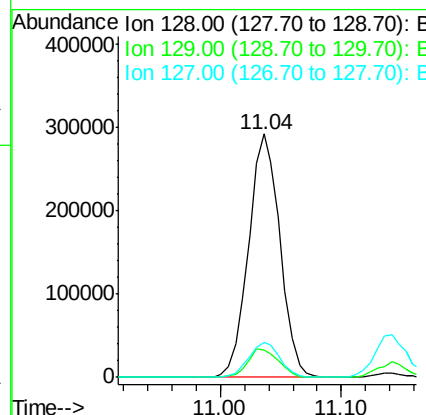
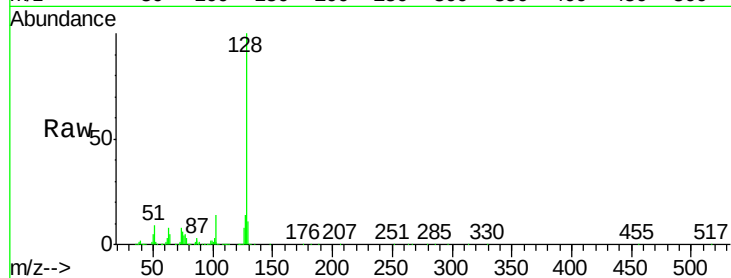




#31
Naphthalene
Concen: 20.30 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

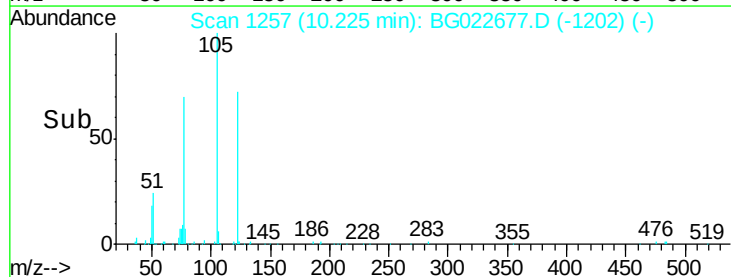
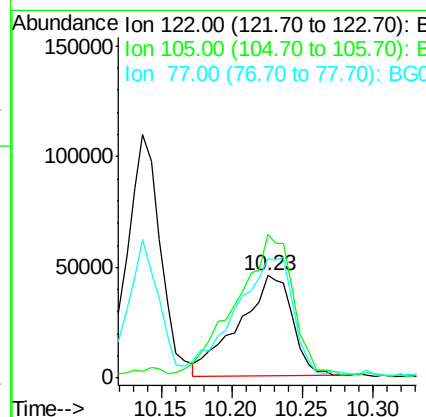
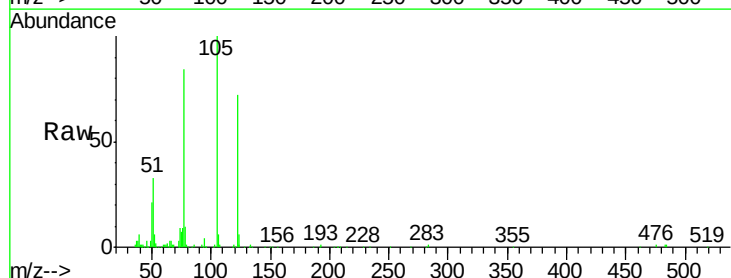
Instrument :
BNA_G
ClientSampleId :
PB91593BS

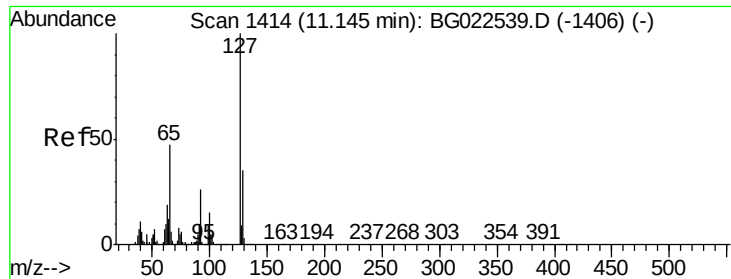
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	14.4	11.3	16.9



#32
Benzoic acid
Concen: 22.76 ng
RT: 10.23 min Scan# 1257
Delta R.T. 0.03 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.7	117.2	157.2
77	116.8	109.2	149.2

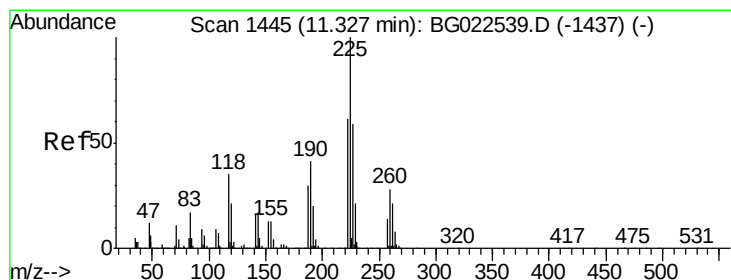
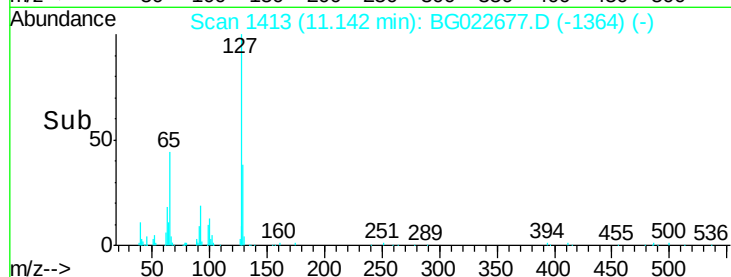
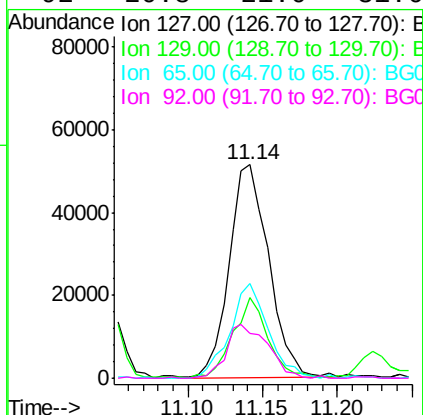
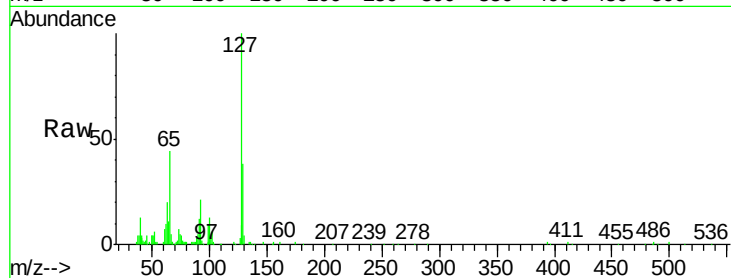




#33
4-Chloroaniline
Concen: 8.49 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

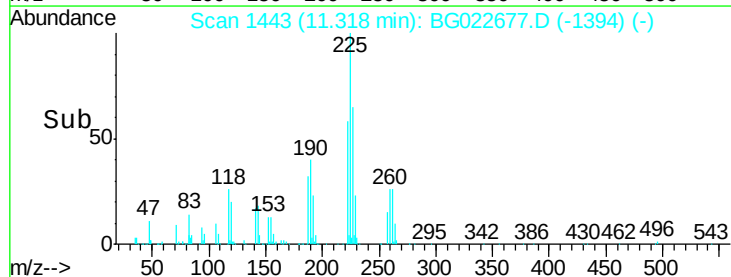
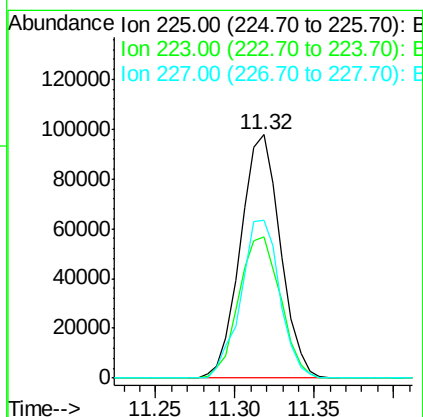
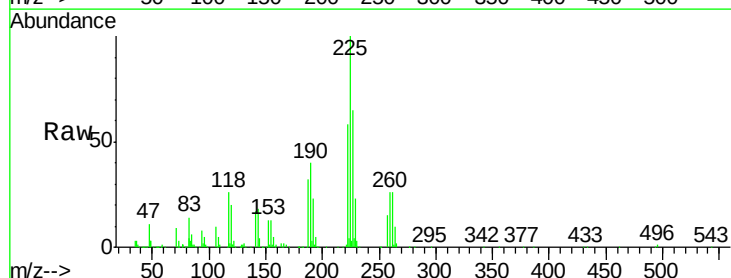
Instrument :
BNA_G
ClientSampleId :
PB91593BS

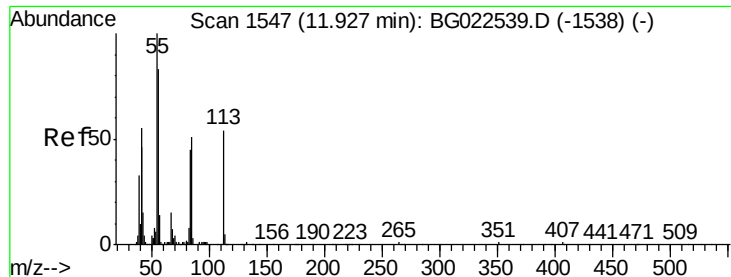
Tot Ion	Ratio	Lower	Upper
127	100		
129	37.9	27.9	41.9
65	44.3	36.8	55.2
92	20.8	21.0	31.6



#34
Hexachlorobutadiene
Concen: 20.46 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.2	49.6	74.4
227	62.6	54.5	81.7





#35

Caprolactam

Concen: 22.89 ng/ml

RT: 11.90 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

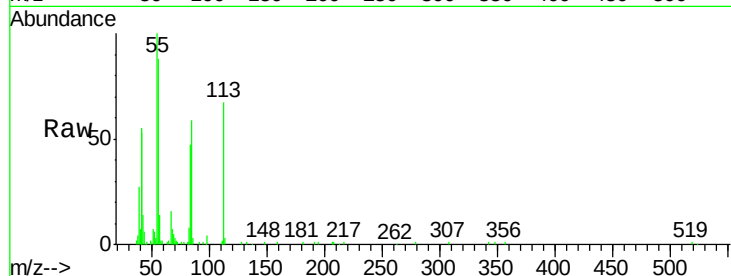
Tot Ion:113 Resp: 65274

Ion Ratio Lower Upper

113 100

55 149.6 154.5 194.5#

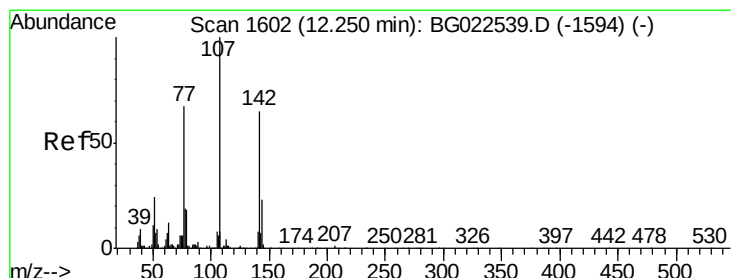
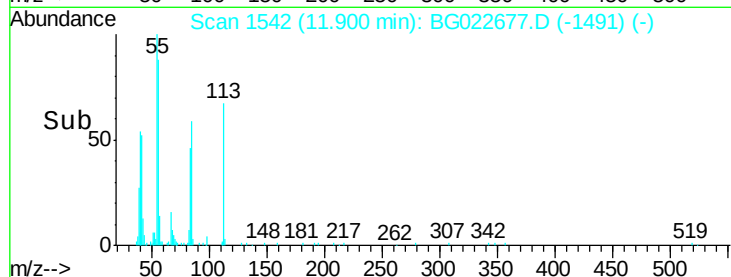
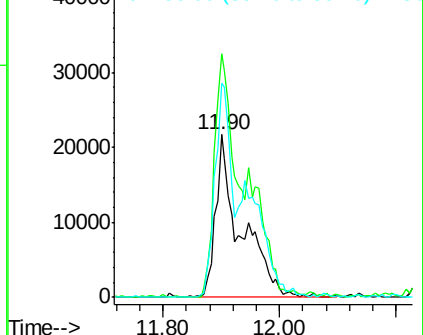
56 131.3 125.1 165.1



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: 22.68 ng/ml

RT: 12.25 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

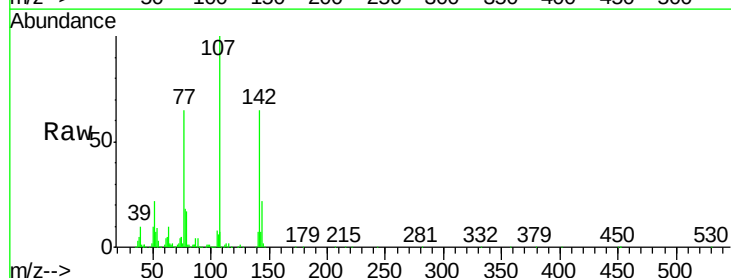
Tgt Ion:107 Resp: 252048

Ion Ratio Lower Upper

107 100

144 21.9 17.0 25.6

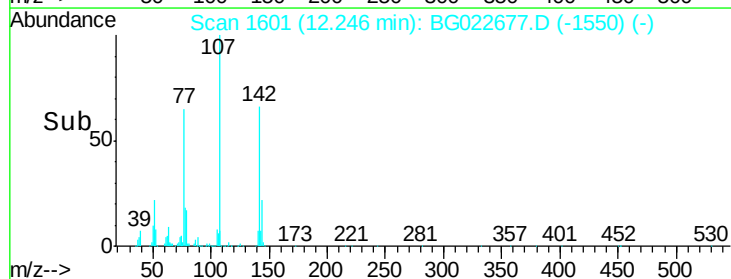
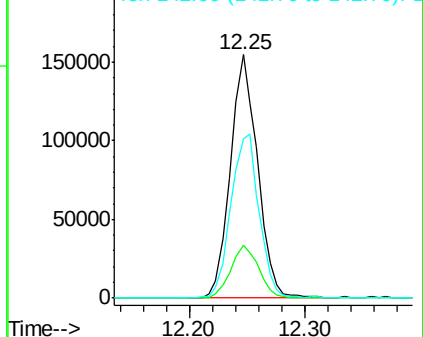
142 65.5 53.0 79.6

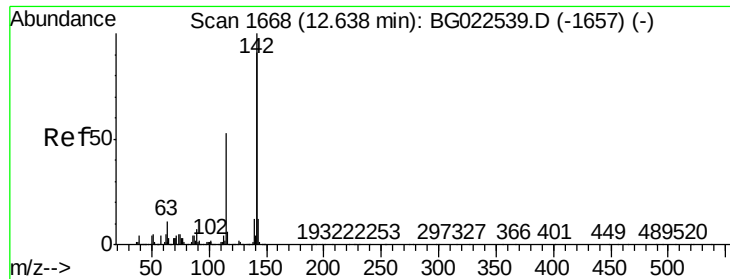


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

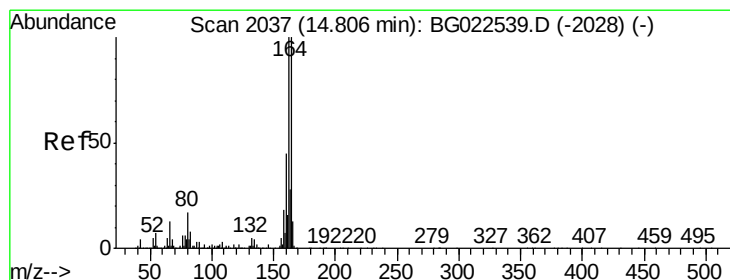
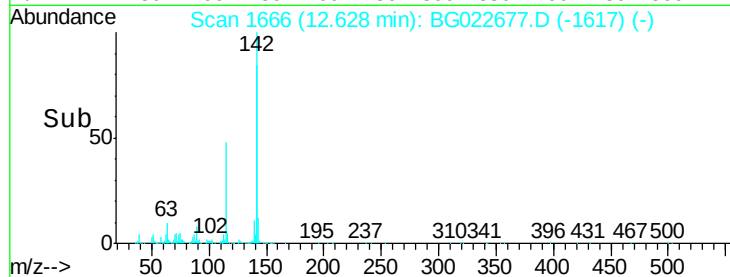
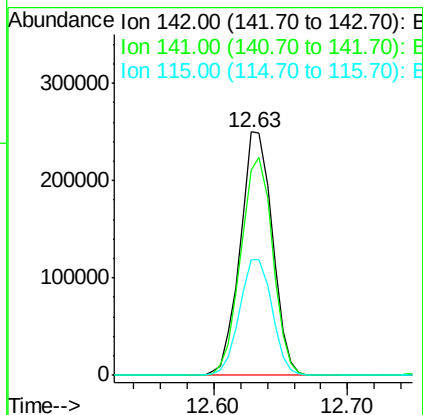
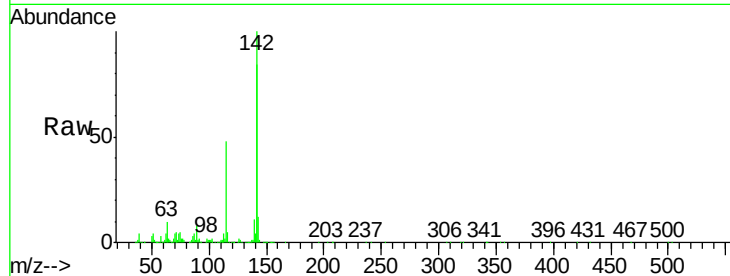




#37
2-Methylnaphthalene
Concen: 20.71 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

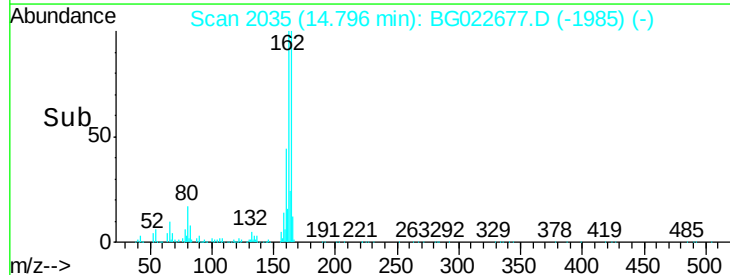
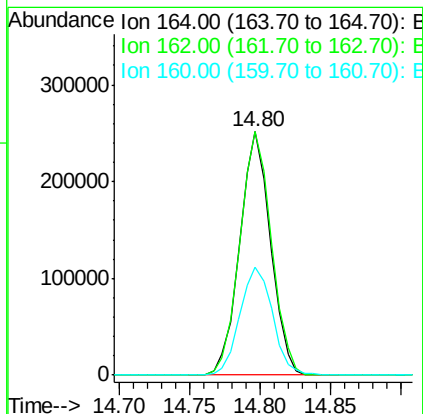
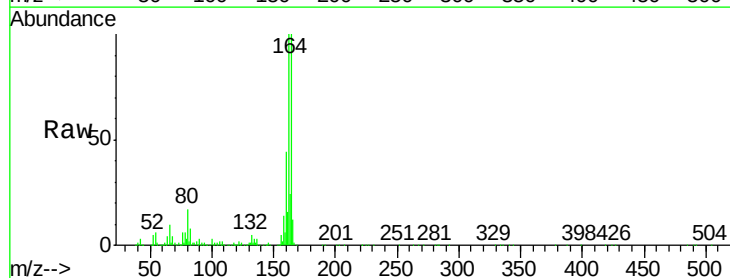
Instrument :
BNA_G
ClientSampleId :
PB91593BS

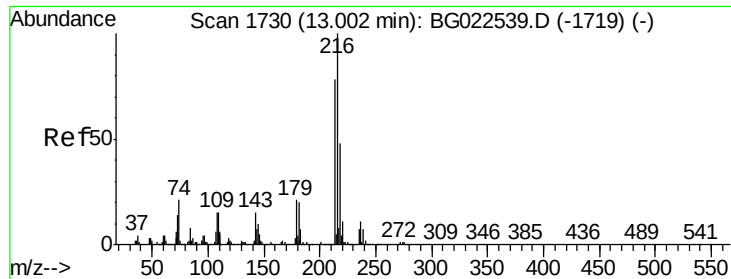
Tot Ion:142 Resp: 417444
Ion Ratio Lower Upper
142 100
141 84.2 70.2 105.2
115 47.7 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion:164 Resp: 383127
Ion Ratio Lower Upper
164 100
162 100.1 87.7 131.5
160 44.2 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.71 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

Tot Ion:216 Resp: 285045

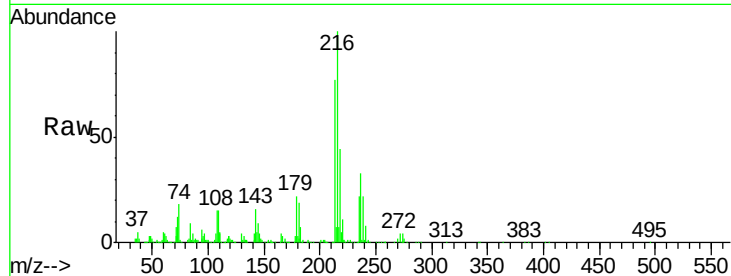
Ion Ratio Lower Upper

216 100

214 77.3 62.9 94.3

179 21.4 17.2 25.8

108 21.8 16.3 24.5

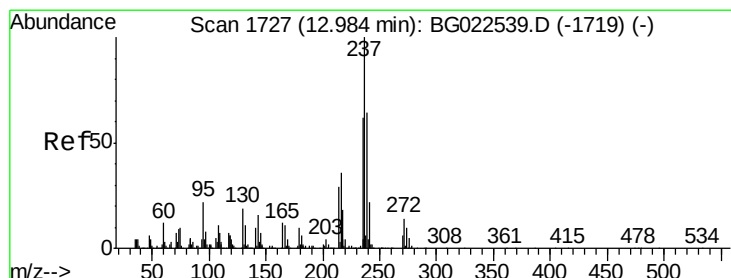
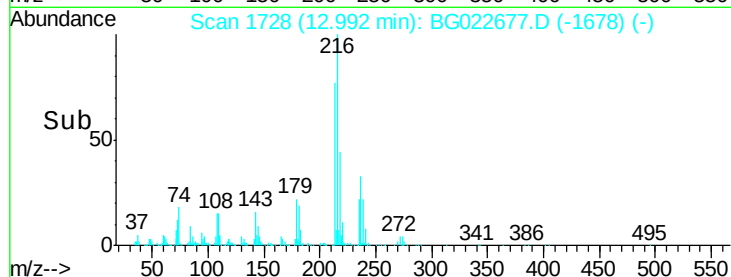
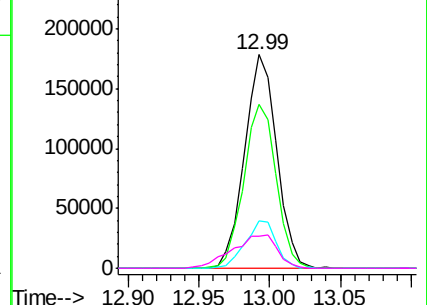


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.75 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

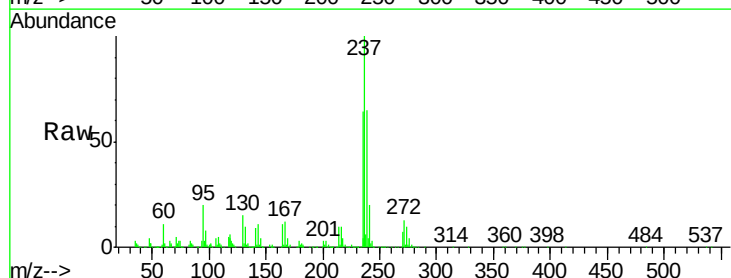
Tgt Ion:237 Resp: 597517

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

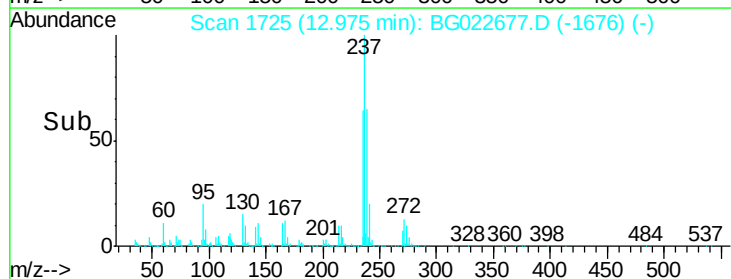
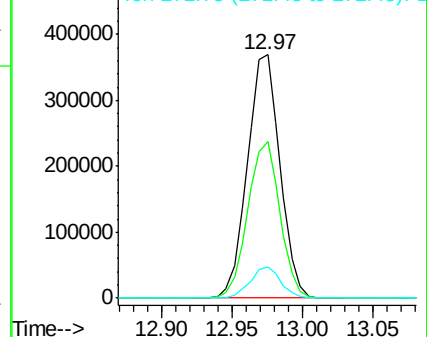
272 13.1 0.0 30.9

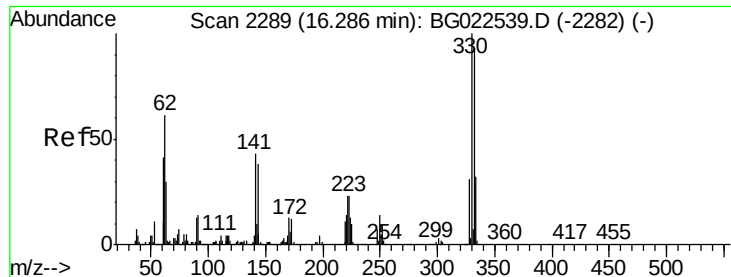


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

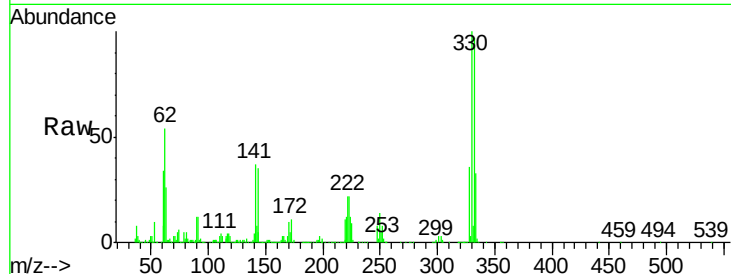




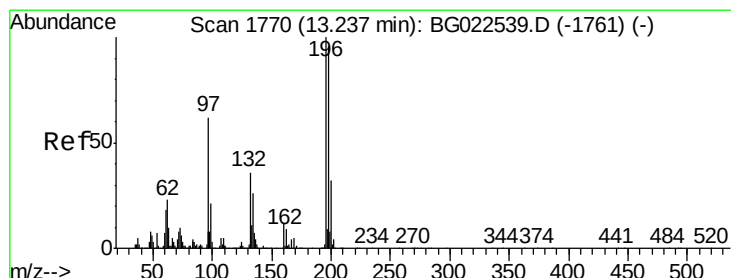
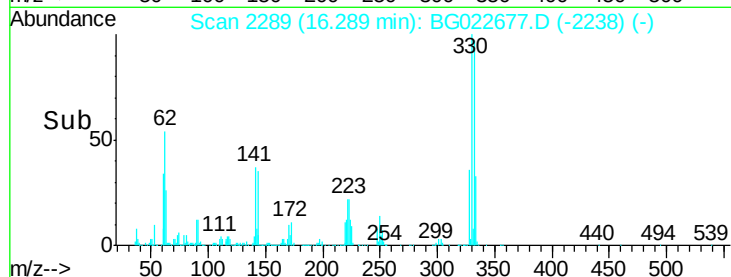
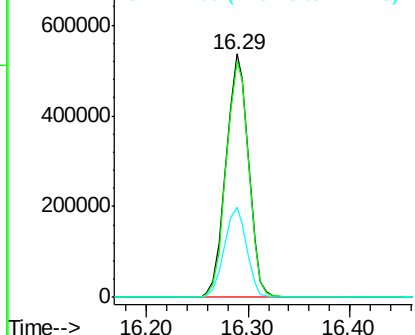
#41
2,4,6-Tribromophenol
Concen: 136.99 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Instrument :
BNA_G
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	36.8	31.7	47.5

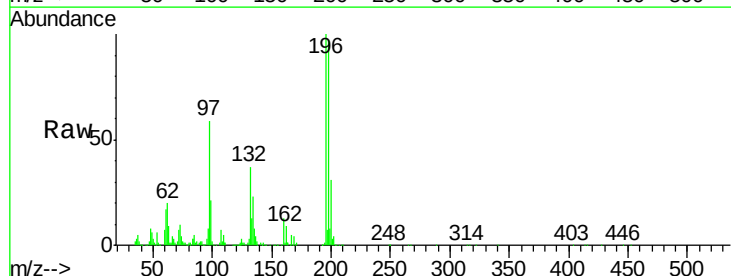


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

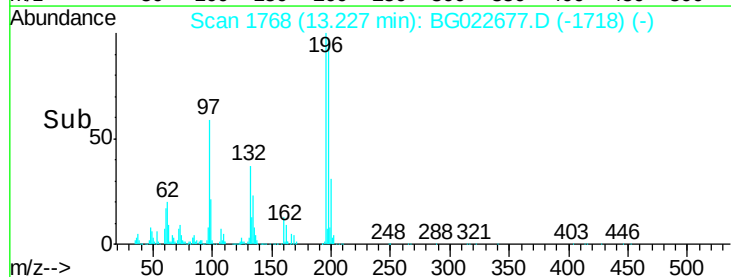
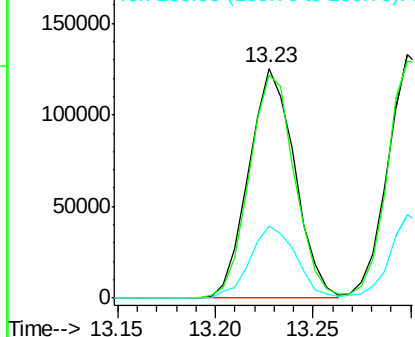


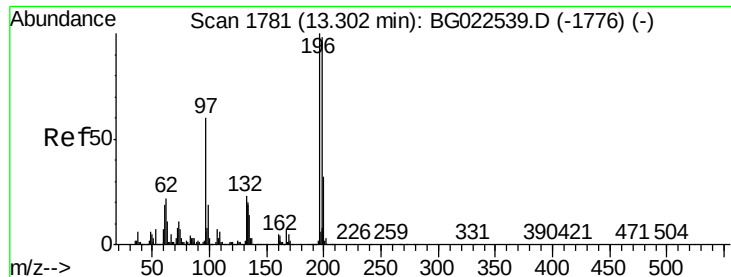
#42
2,4,6-Trichlorophenol
Concen: 21.95 ng
RT: 13.23 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.2	117.2
200	31.1	27.0	40.4



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

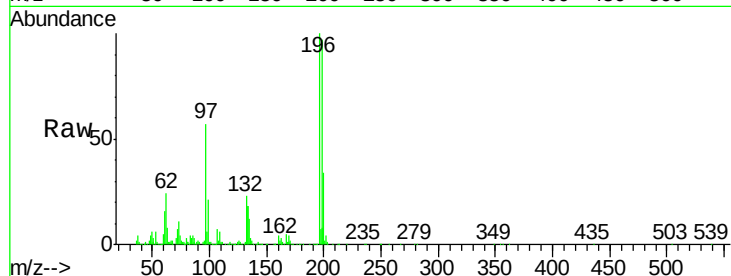




#43
2,4,5-Trichlorophenol
Concen: 22.70 ng
RT: 13.30 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Instrument :
BNA_G
ClientSampleId :
PB91593BS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.2	85.7	128.5	
97	57.4	45.5	68.3	
132	22.5	18.9	28.3	



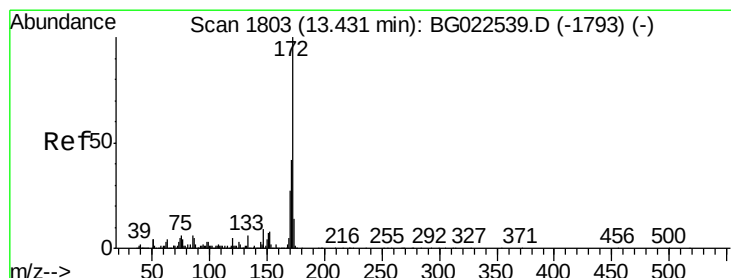
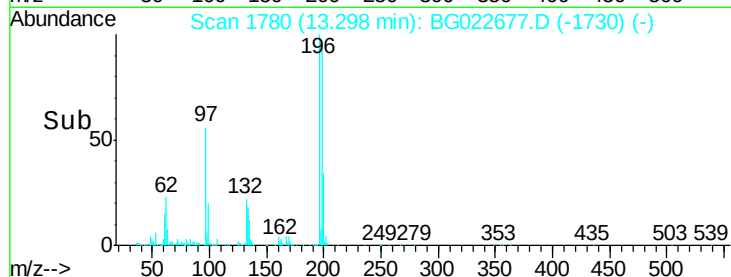
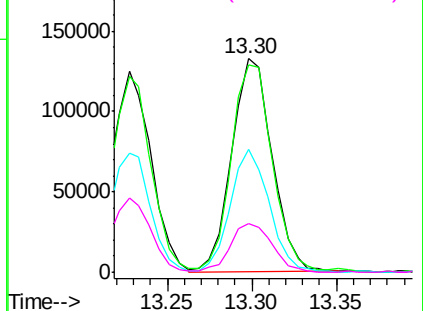
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

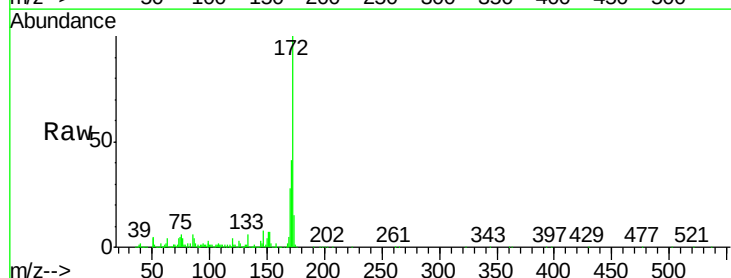
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 79.34 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	40.7	31.6	47.4	
170	27.6	21.3	31.9	

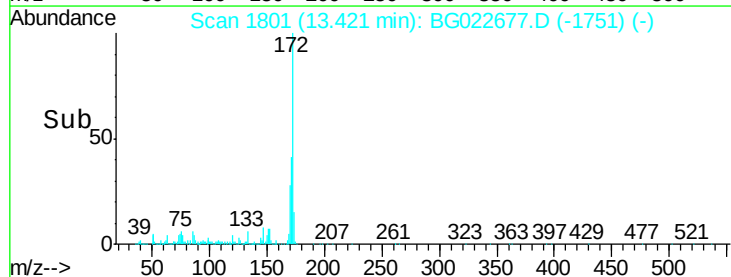
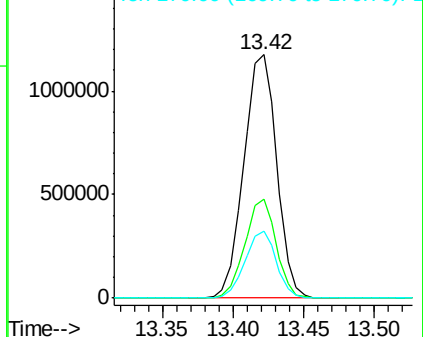


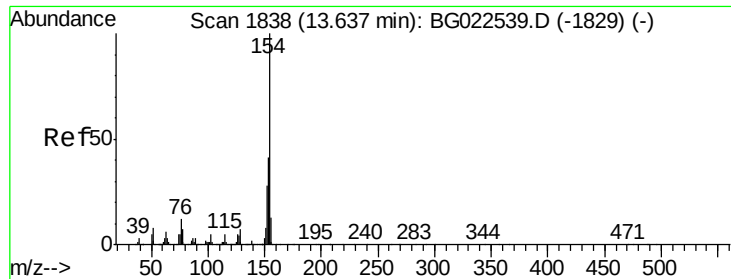
Abundance

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: 20.59 ng

RT: 13.63 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

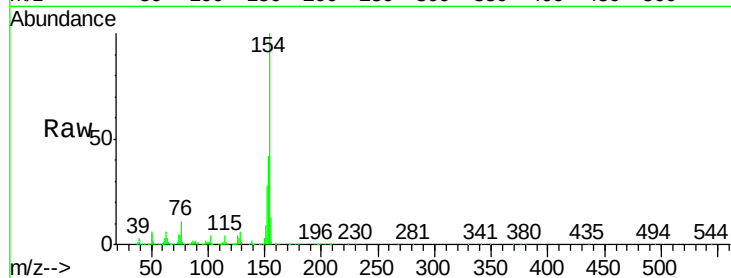
BNA_G

ClientSampleId :

PB91593BS

Tot Ion:154 Resp: 600967

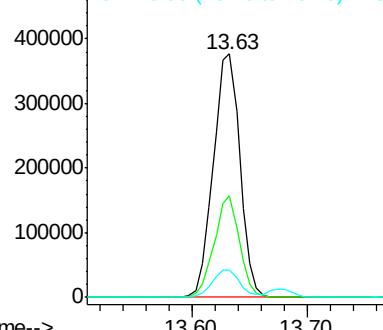
Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.2	60.2
76	11.4	0.0	32.9



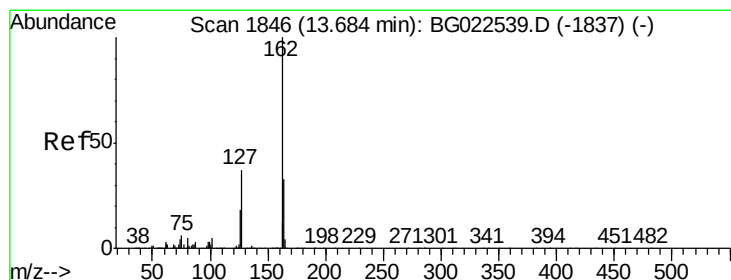
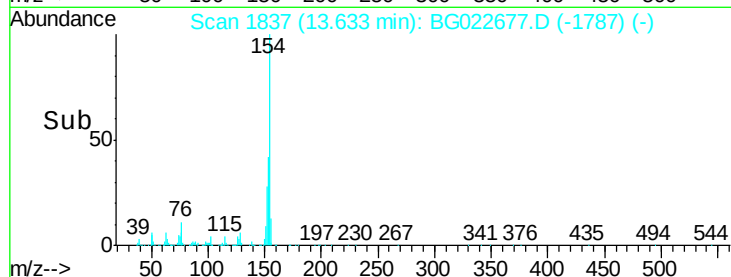
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



Time-->



#46

2-Chloronaphthalene

Concen: 20.11 ng

RT: 13.67 min Scan# 1844

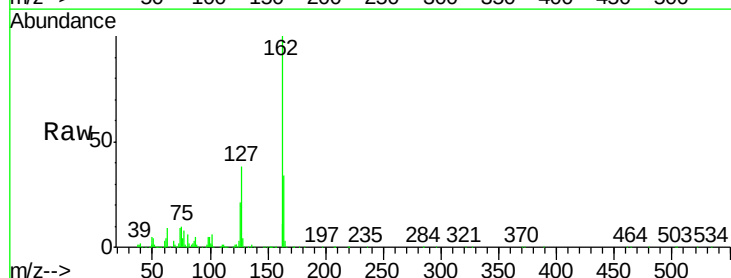
Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Tgt Ion:162 Resp: 482941

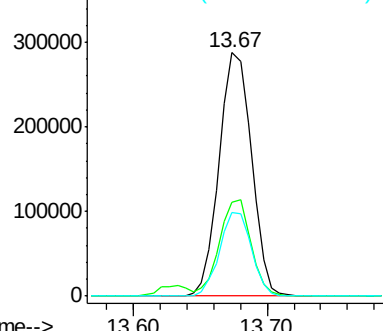
Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.4	48.6
164	34.4	25.2	37.8



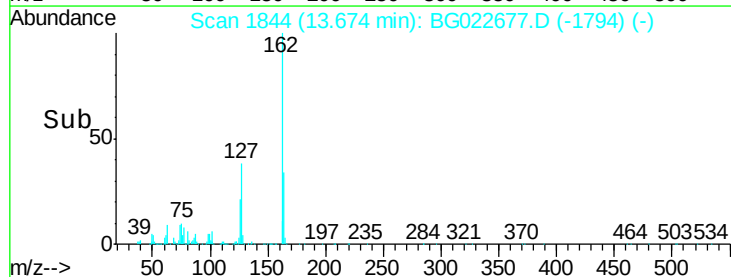
Abundance Ion 162.00 (161.70 to 162.70): E

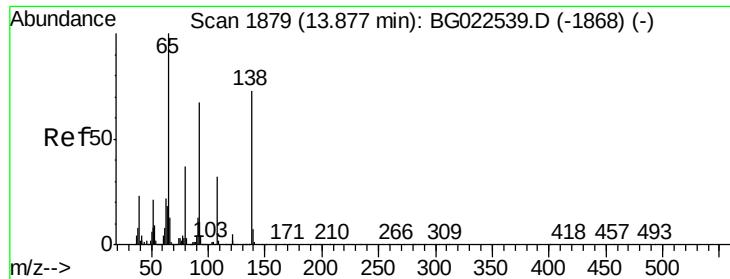
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

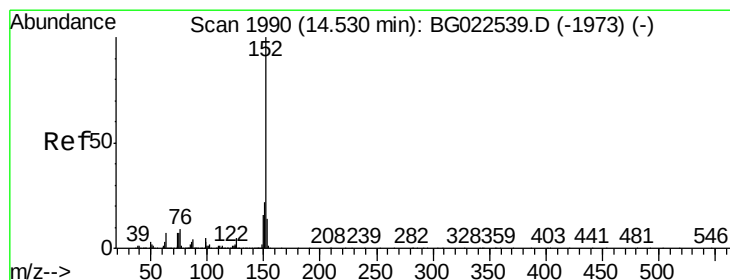
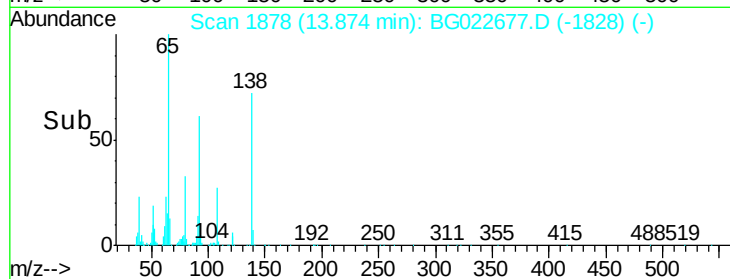
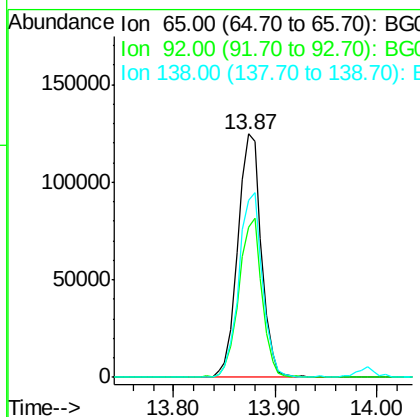
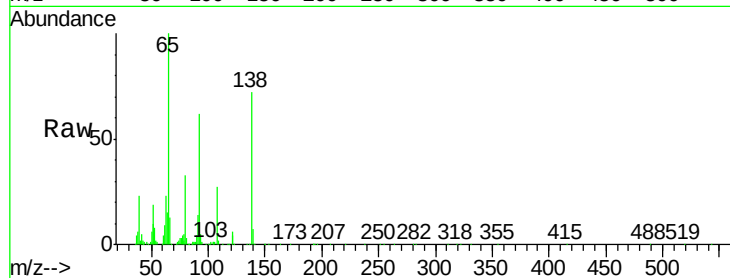




#47
2-Nitroaniline
Concen: 21.62 ng
RT: 13.87 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

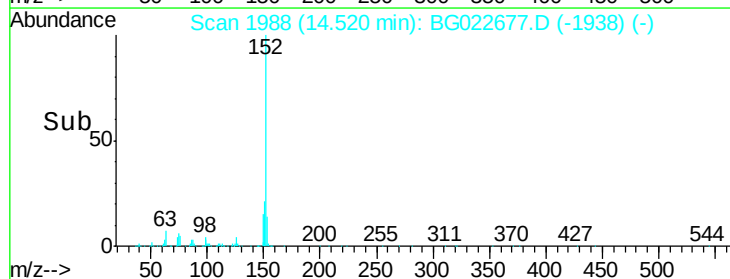
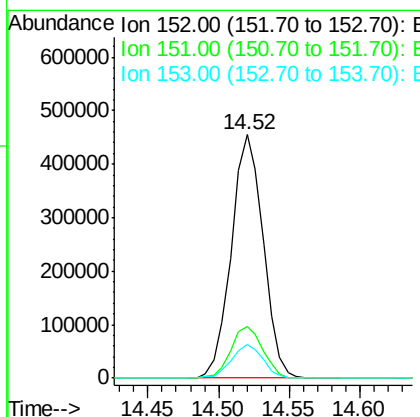
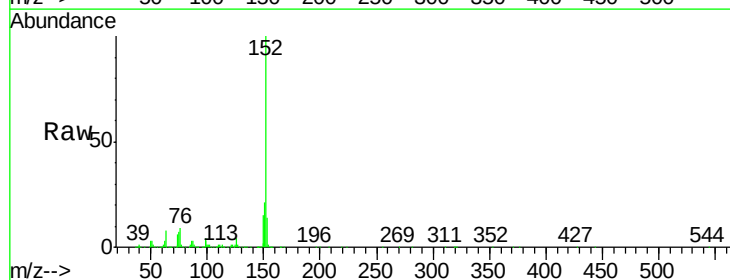
Instrument :
BNA_G
ClientSampleId :
PB91593BS

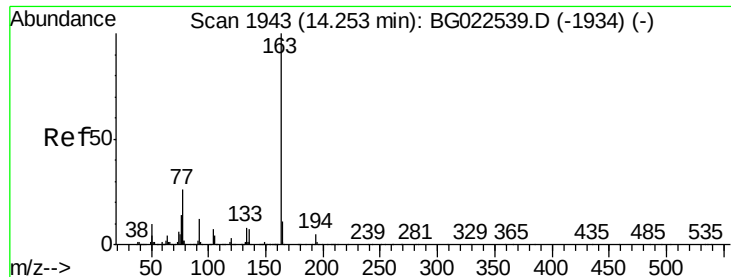
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	49.4	74.0
138	72.5	58.0	87.0



#48
Acenaphthylene
Concen: 20.44 ng
RT: 14.52 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.6	26.4
153	13.8	11.4	17.2





#49

Dimethylphthalate

Concen: 21.05 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

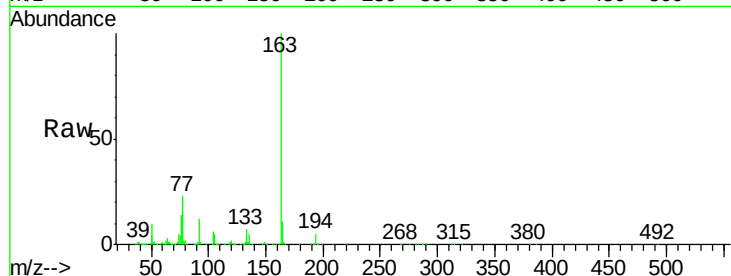
Tot Ion:163 Resp: 669047

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

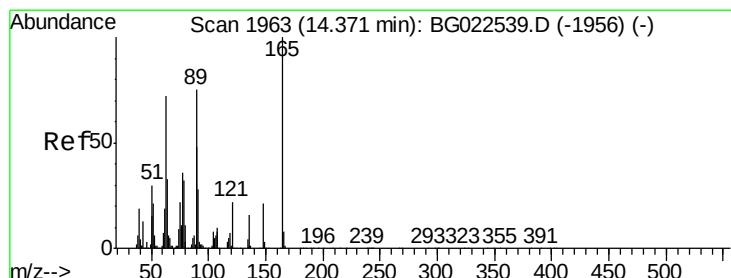
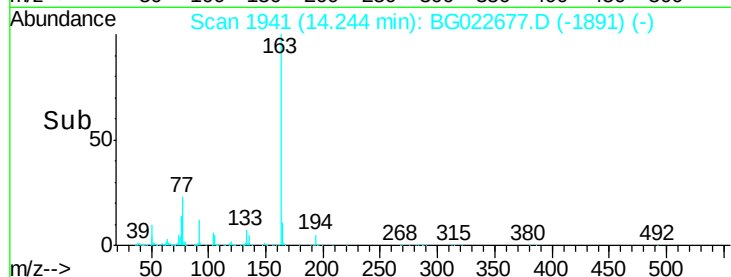
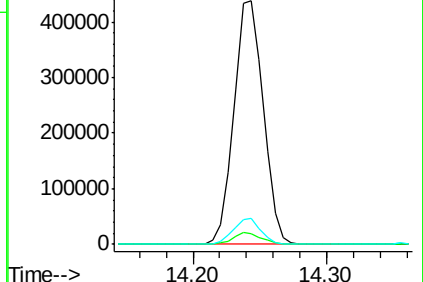
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 22.22 ng

RT: 14.36 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

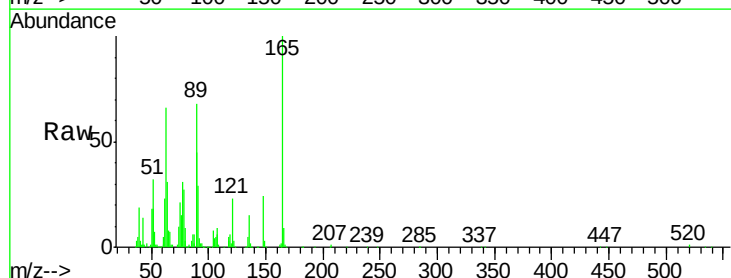
Tgt Ion:165 Resp: 153443

Ion Ratio Lower Upper

165 100

63 65.8 64.3 96.5

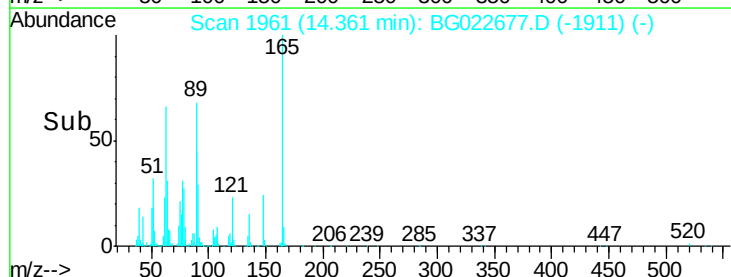
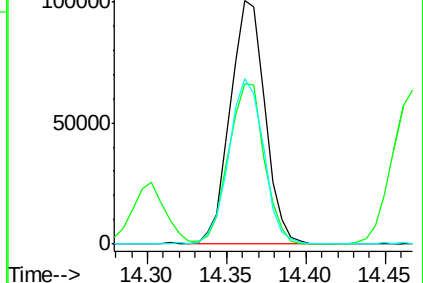
89 68.1 64.3 96.5

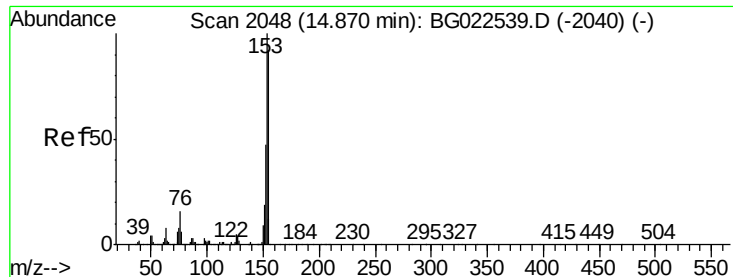


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 26.95 ng/mL

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

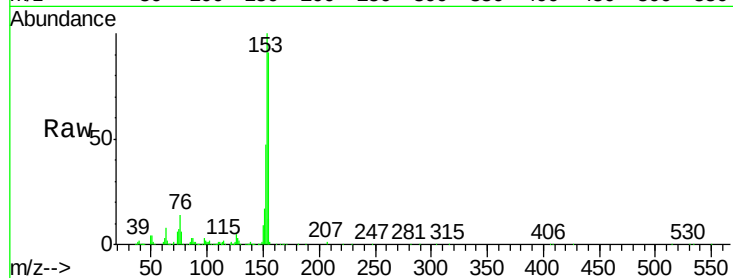
Tot Ion:154 Resp: 691612

Ion Ratio Lower Upper

154 100

153 109.7 87.5 131.3

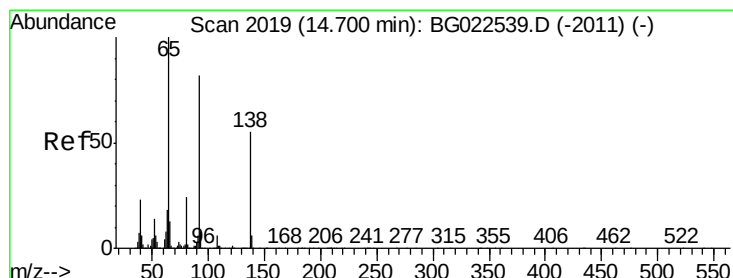
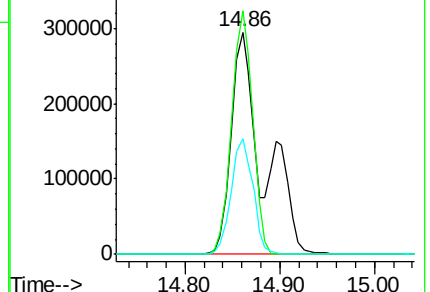
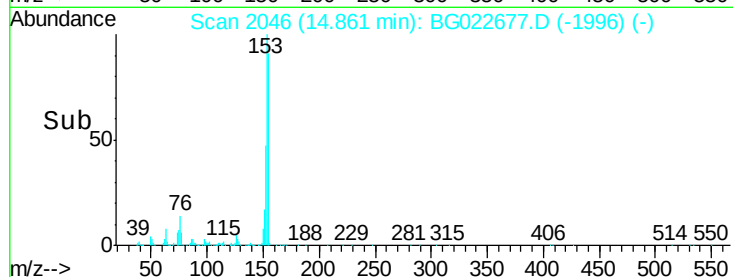
152 51.9 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.38 ng/mL

RT: 14.70 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

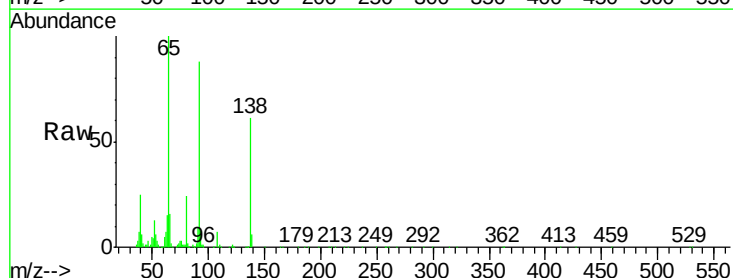
Tgt Ion:138 Resp: 105853

Ion Ratio Lower Upper

138 100

108 11.3 11.7 17.5#

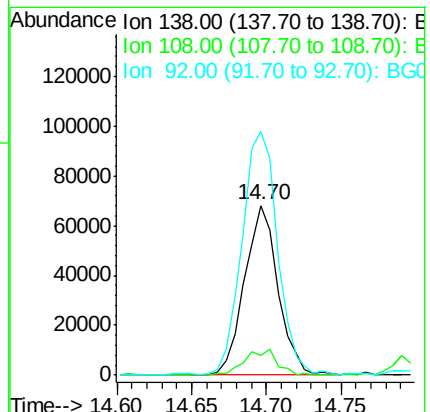
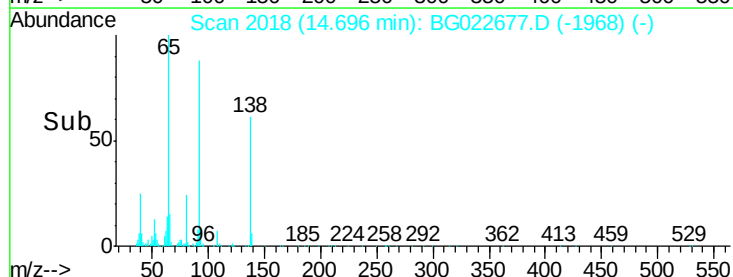
92 143.7 129.7 194.5

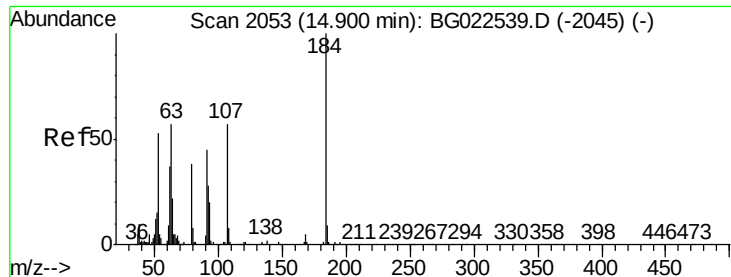


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

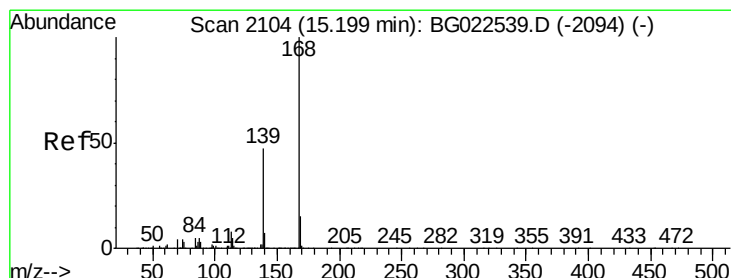
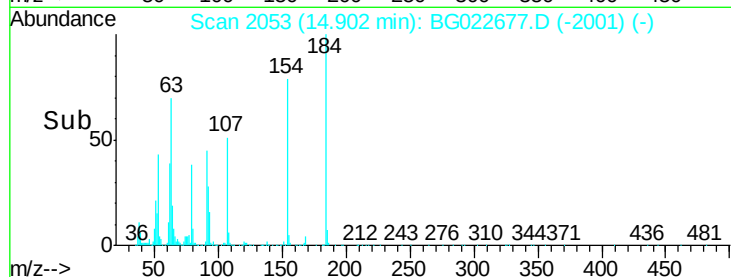
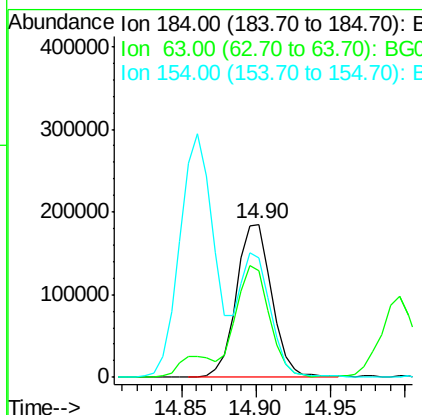
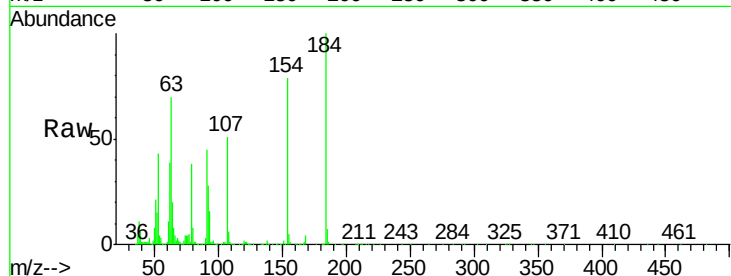




#53
2,4-Dinitrophenol
Concen: 71.61 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

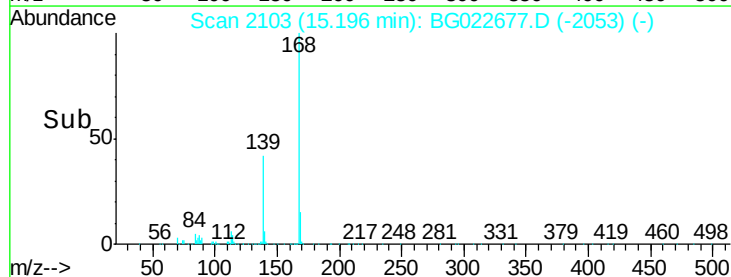
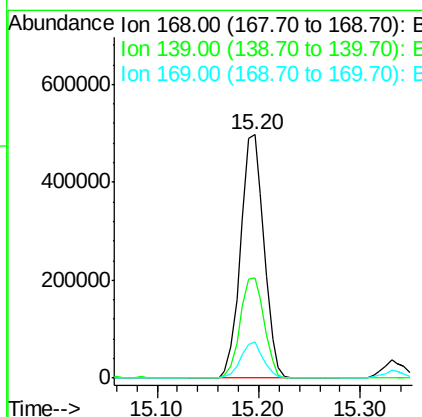
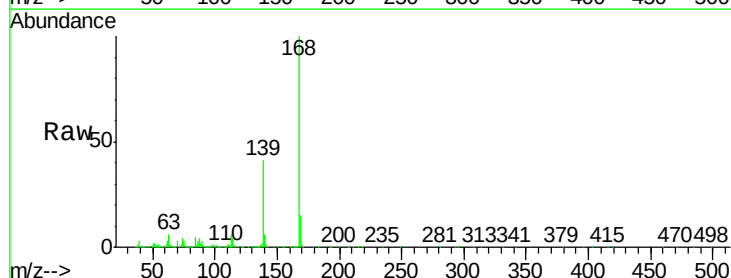
Instrument :
BNA_G
ClientSampleId :
PB91593BS

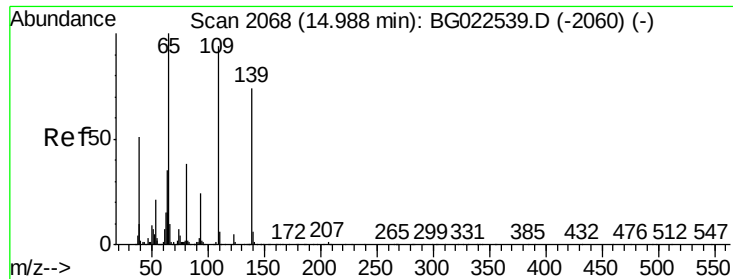
Tot Ion:184 Resp: 304632
Ion Ratio Lower Upper
184 100
63 70.1 59.6 89.4
154 78.5 67.4 101.0



#54
Dibenzofuran
Concen: 21.27 ng
RT: 15.20 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion:168 Resp: 790602
Ion Ratio Lower Upper
168 100
139 41.3 36.4 54.6
169 14.8 11.9 17.9

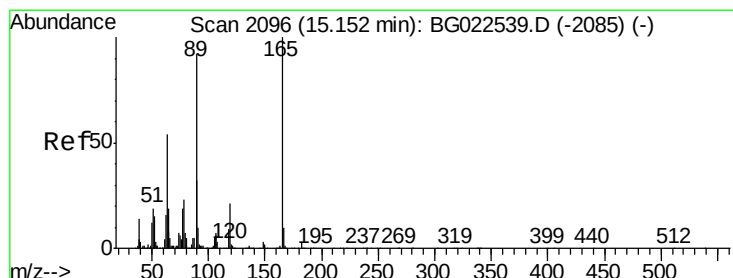
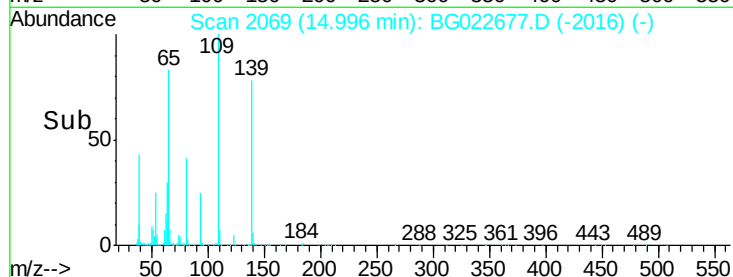
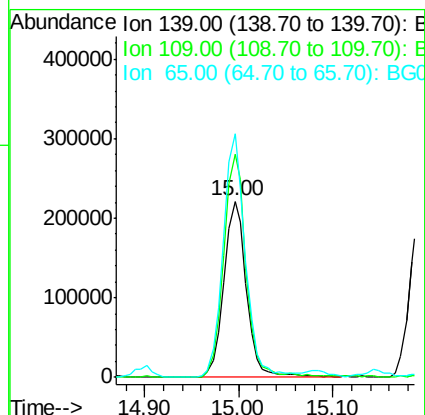
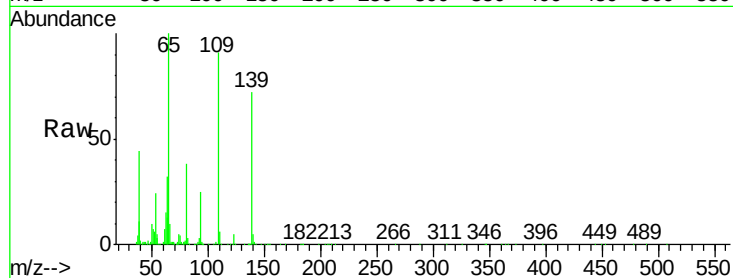




#55
4-Nitrophenol
Concen: 68.10 ng
RT: 15.00 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

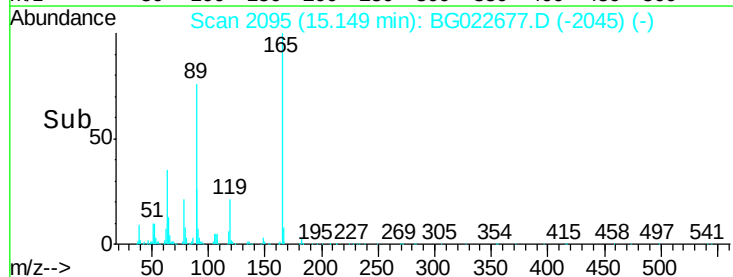
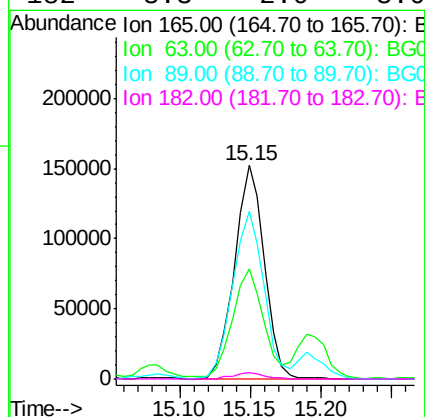
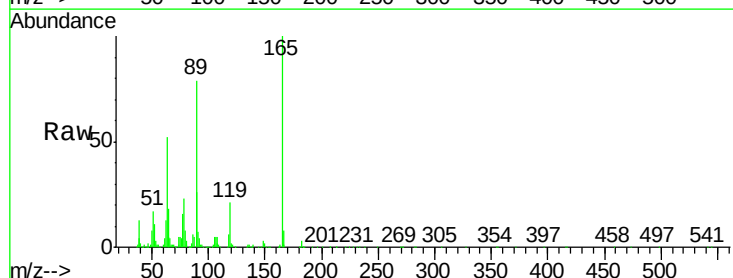
Instrument :
BNA_G
ClientSampleId :
PB91593BS

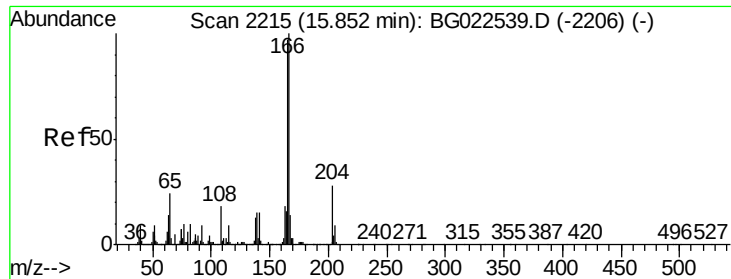
Tot Ion:139 Resp: 372125
Ion Ratio Lower Upper
139 100
109 126.2 103.0 143.0
65 138.1 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 23.41 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion:165 Resp: 223935
Ion Ratio Lower Upper
165 100
63 51.7 45.8 68.6
89 78.6 68.6 102.8
182 3.3 2.0 3.0#

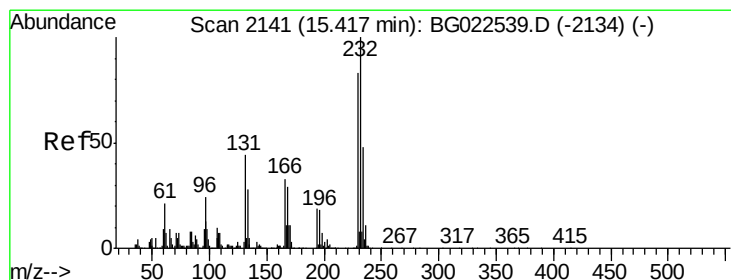
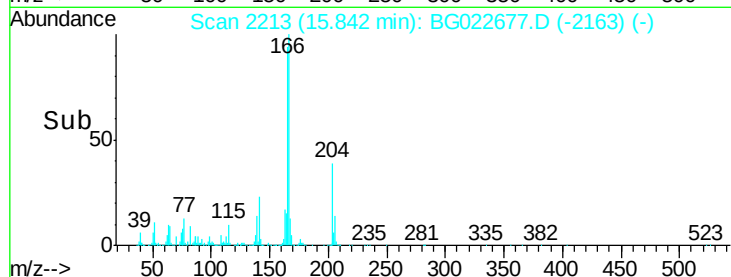
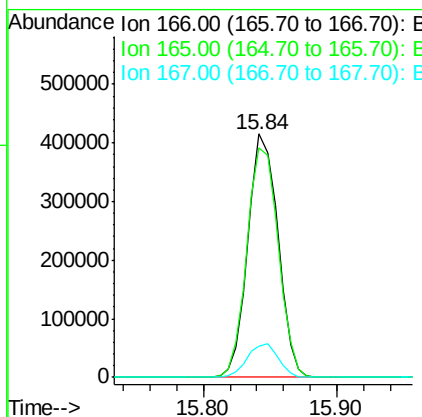
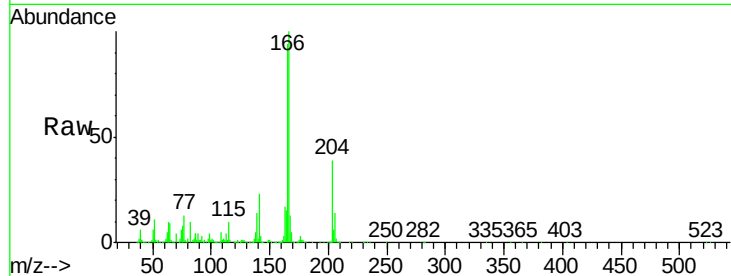




#57
 Fluorene
 Concen: 21.75 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

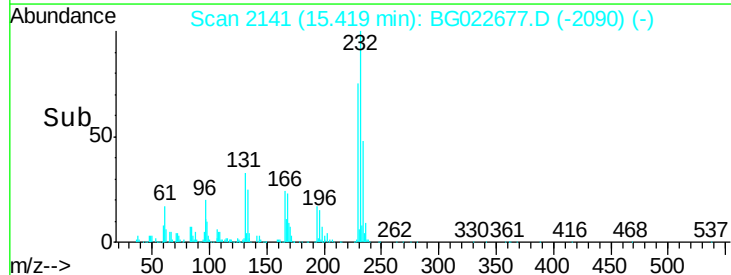
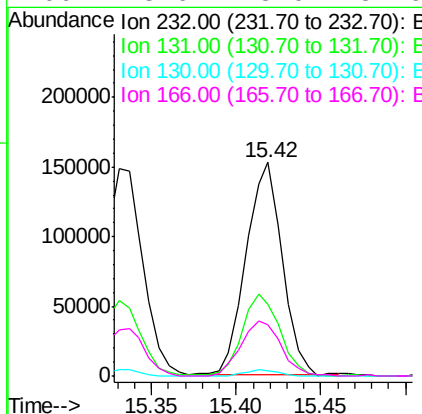
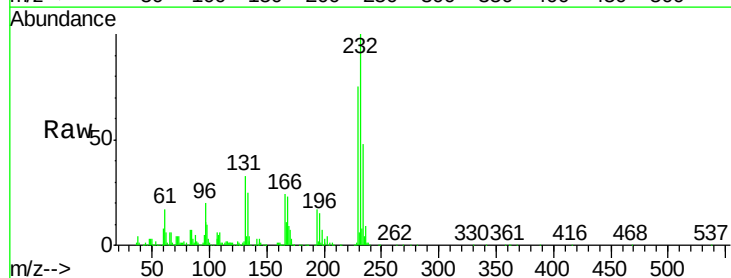
Instrument :
 BNA_G
 ClientSampled :
 PB91593BS

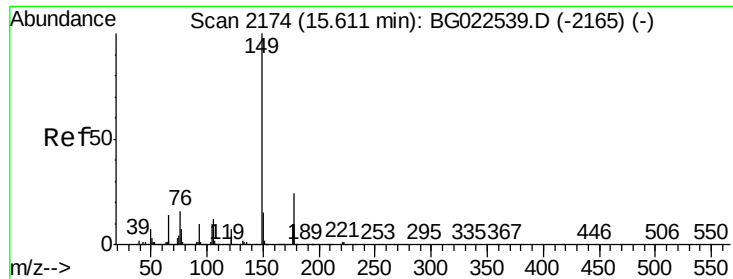
Tot Ion:166 Resp: 645170
 Ion Ratio Lower Upper
 166 100
 165 94.2 81.0 121.6
 167 12.9 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 22.47 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

Tgt Ion:232 Resp: 226133
 Ion Ratio Lower Upper
 232 100
 131 40.0 32.7 49.1
 130 2.9 2.6 3.8
 166 28.6 23.0 34.6

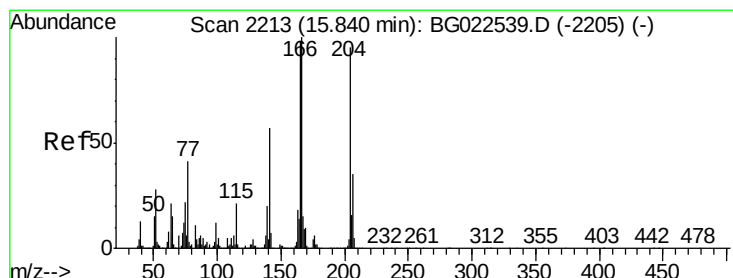
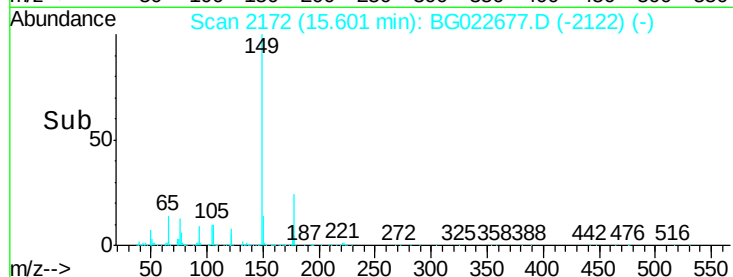
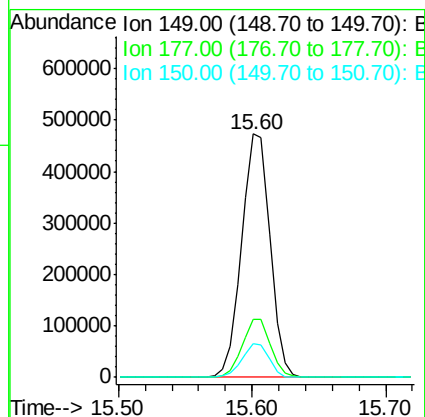
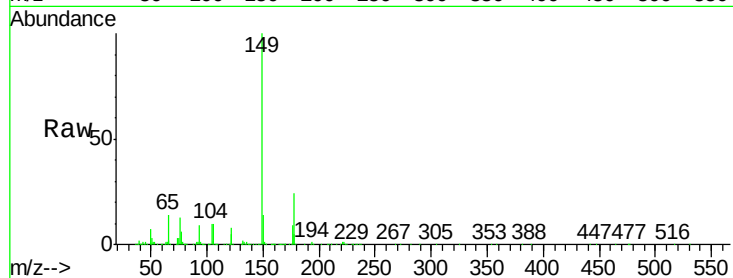




#59
Diethylphthalate
Concen: 21.24 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

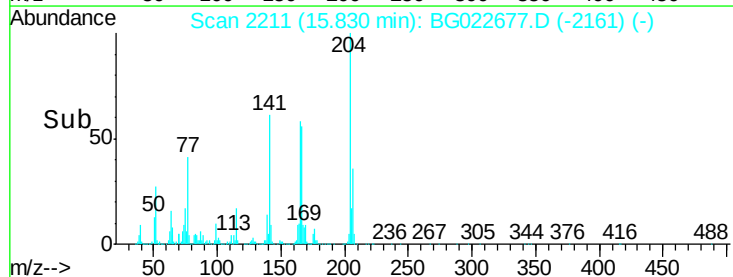
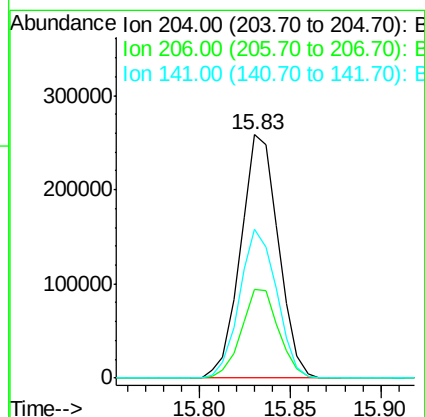
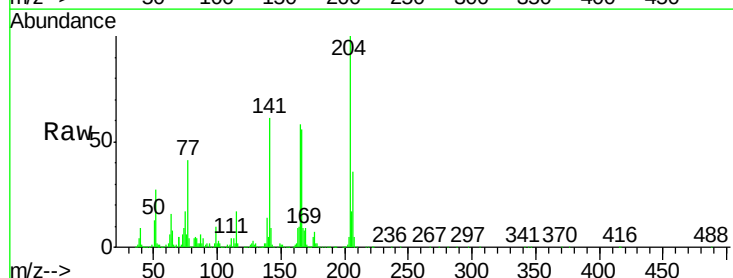
Instrument :
BNA_G
ClientSampleId :
PB91593BS

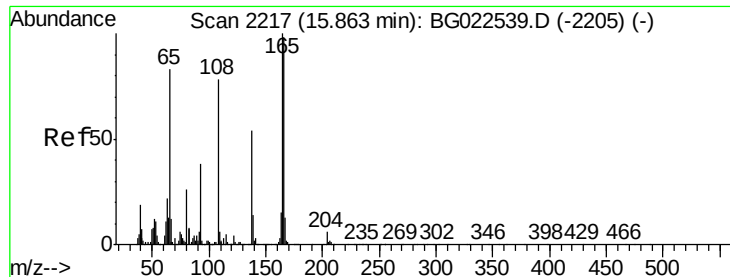
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.2	28.8
150	13.6	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 21.21 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.2	28.5	42.7
141	61.4	51.4	77.0

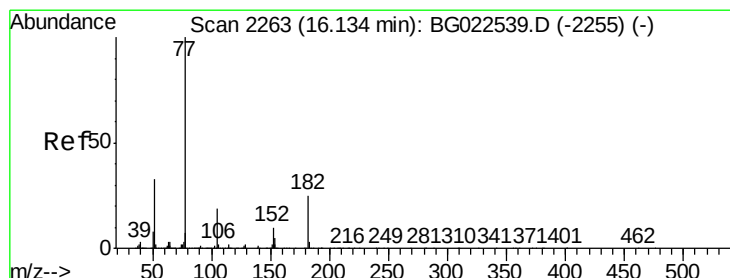
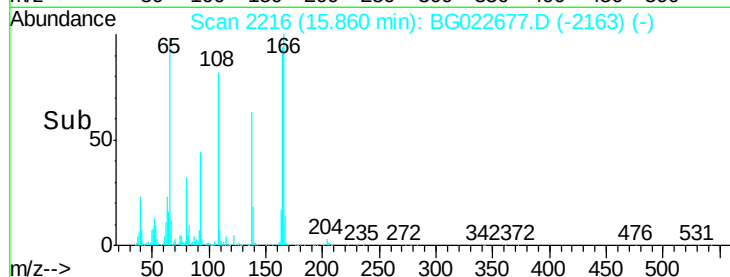
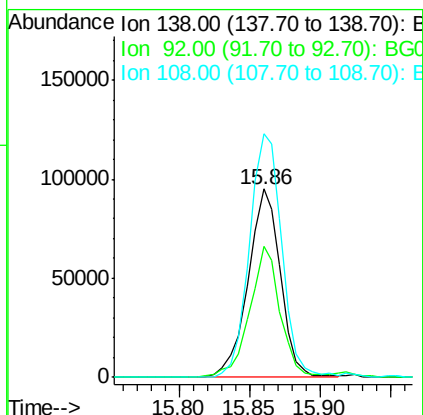
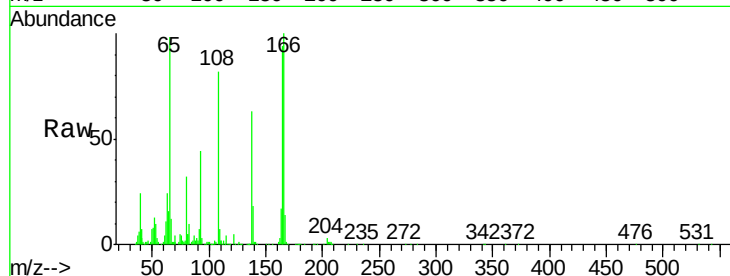




#61
4-Nitroaniline
Concen: 22.93 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

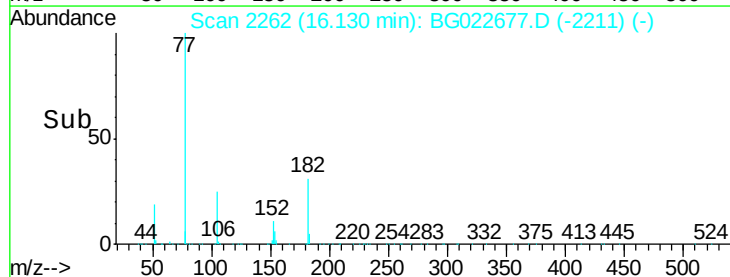
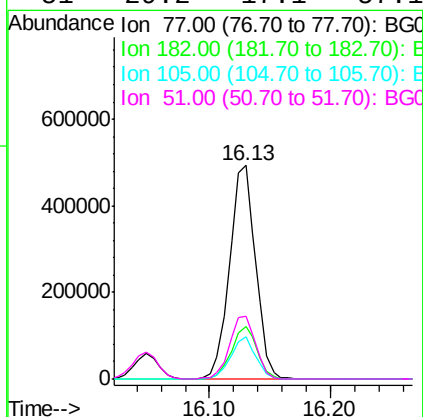
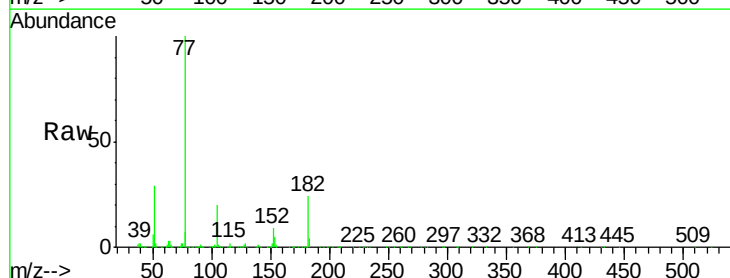
Instrument :
BNA_G
ClientSampleId :
PB91593BS

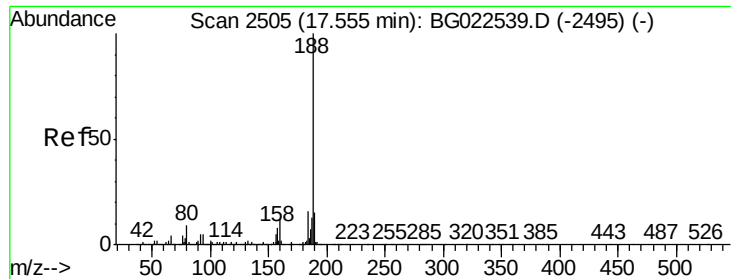
Tot Ion:138 Resp: 152912
Ion Ratio Lower Upper
138 100
92 69.5 54.1 94.1
108 129.4 133.9 173.9#



#62
Azobenzene
Concen: 20.84 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion: 77 Resp: 737478
Ion Ratio Lower Upper
77 100
182 24.3 3.5 43.5
105 19.6 0.0 38.5
51 29.2 17.1 57.1

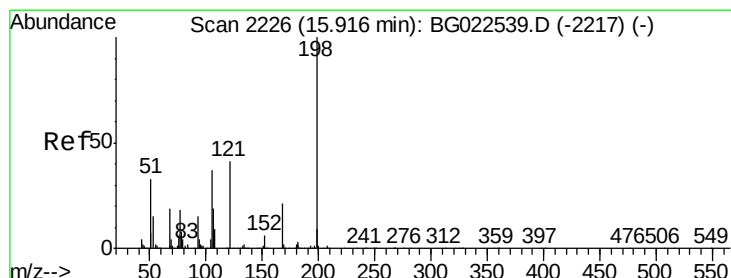
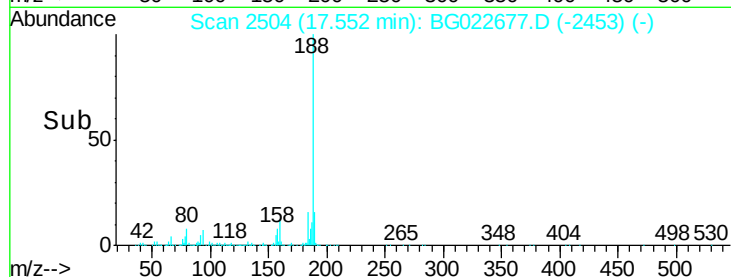
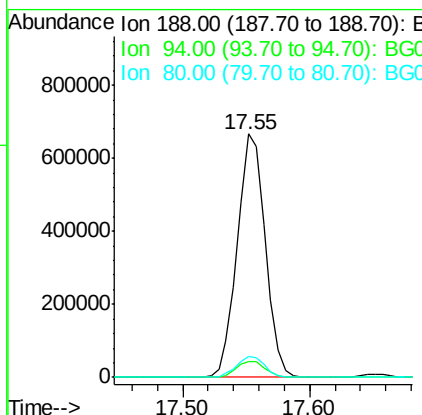
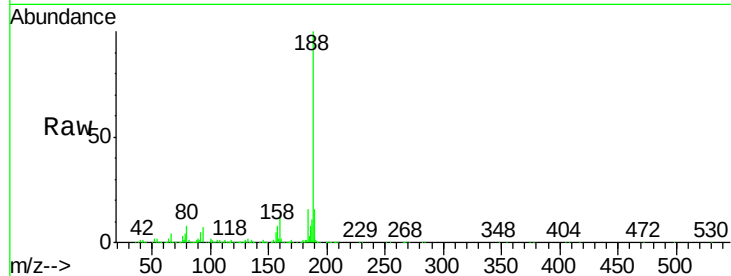




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

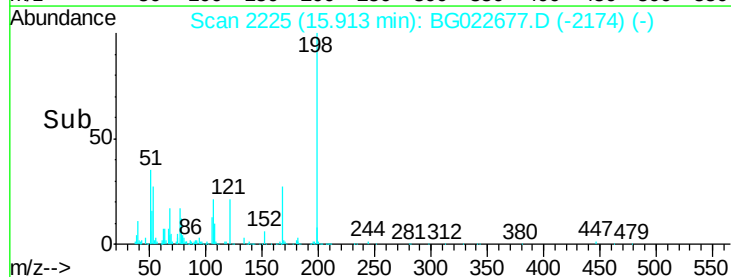
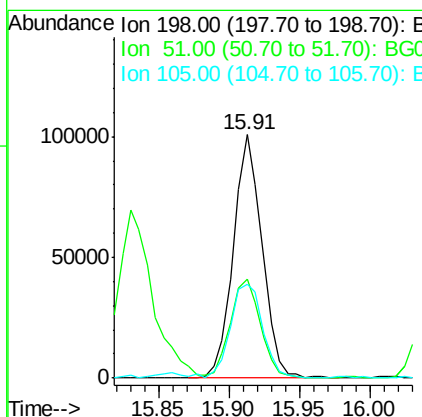
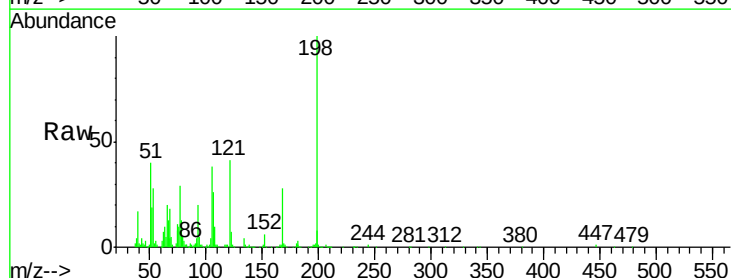
Instrument :
BNA_G
ClientSampleId :
PB91593BS

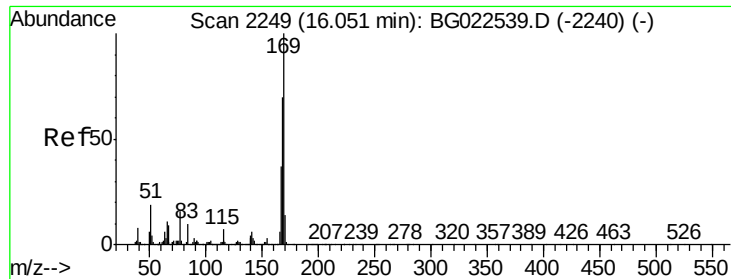
Tot Ion:188 Resp: 1017363
Ion Ratio Lower Upper
188 100
94 6.5 5.2 7.8
80 8.5 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 20.92 ng
RT: 15.91 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion:198 Resp: 142718
Ion Ratio Lower Upper
198 100
51 40.4 26.0 66.0
105 38.4 20.1 60.1

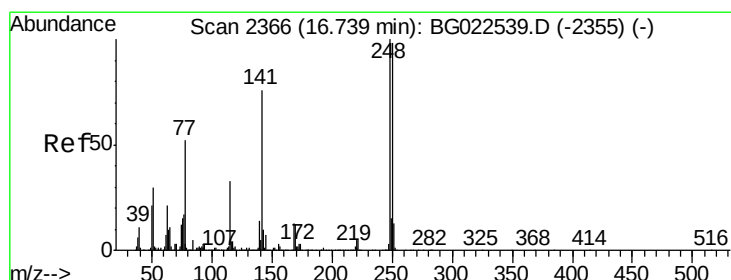
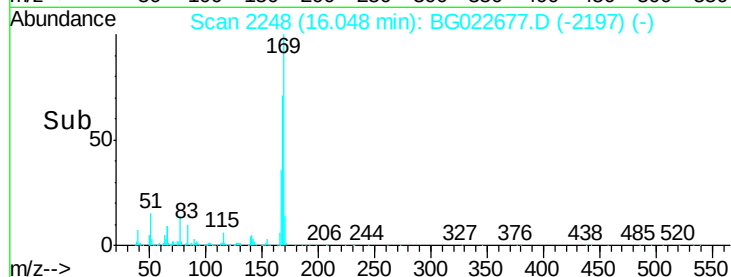
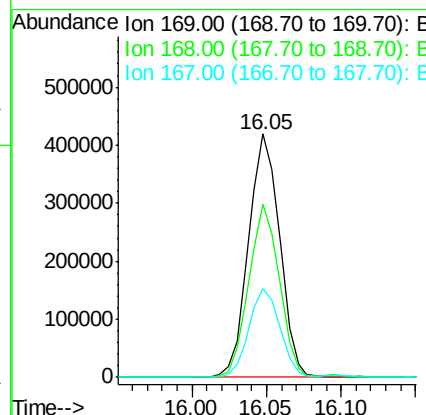
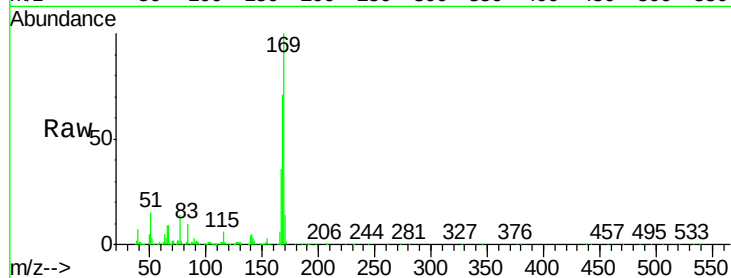




#65
n-Nitrosodiphenylamine
Concen: 20.39 ng
RT: 16.05 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

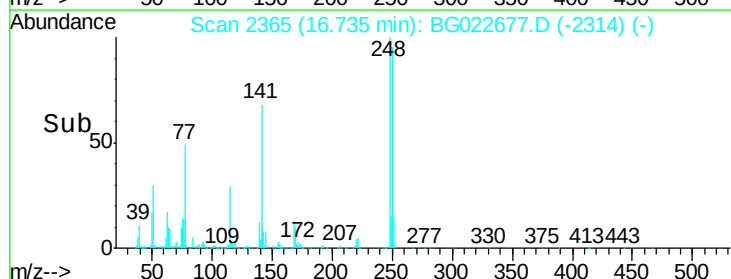
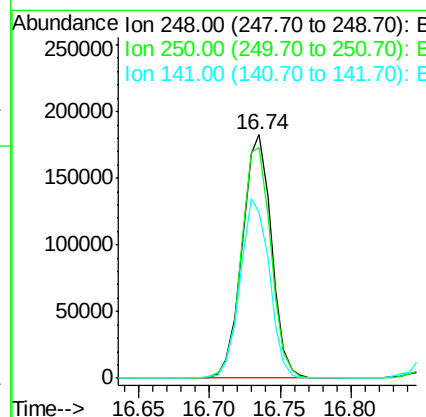
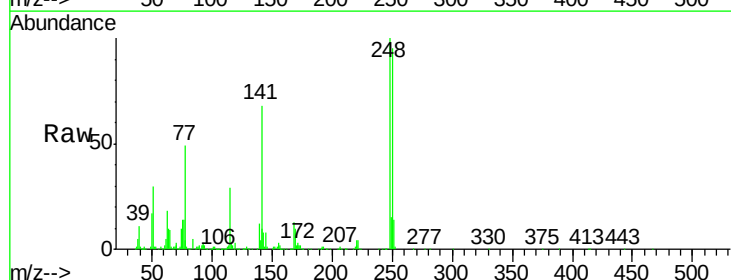
Instrument :
BNA_G
ClientSampled :
PB91593BS

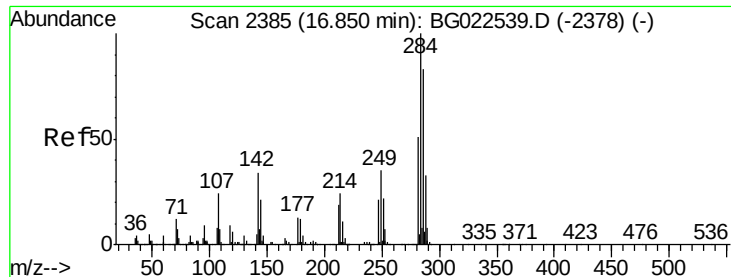
Tot Ion:169 Resp: 603758
Ion Ratio Lower Upper
169 100
168 71.2 55.0 82.4
167 36.4 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 19.93 ng
RT: 16.74 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion:248 Resp: 263036
Ion Ratio Lower Upper
248 100
250 95.1 77.8 116.8
141 68.1 65.7 98.5

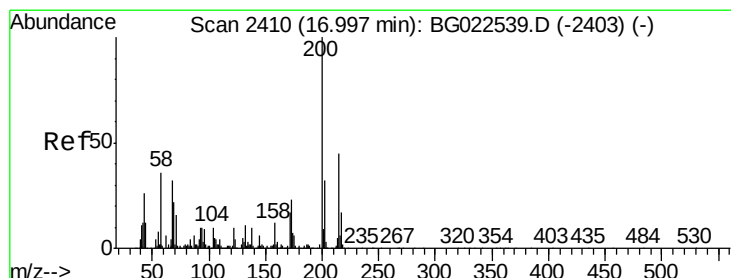
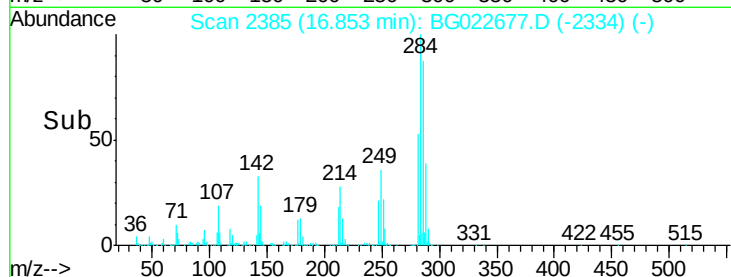
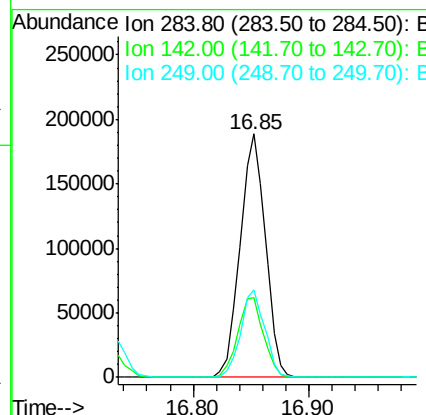
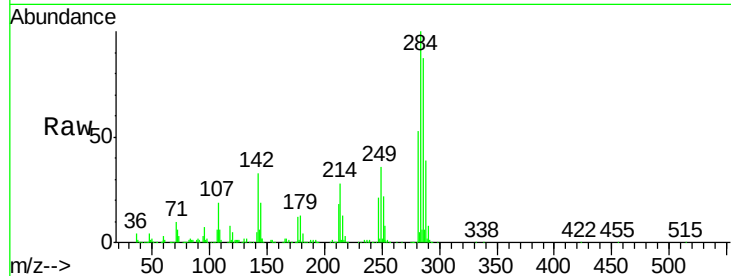




#67
Hexachlorobenzene
Concen: 20.42 ng
RT: 16.85 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

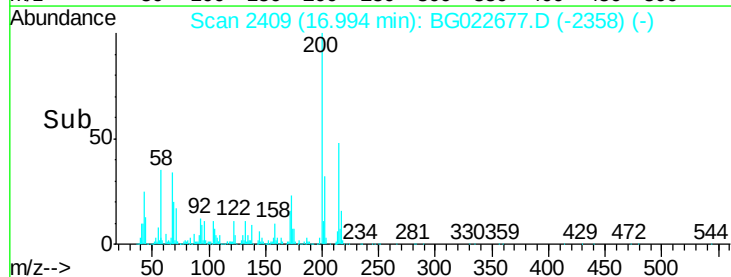
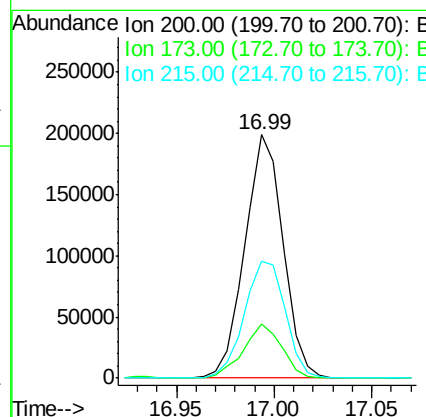
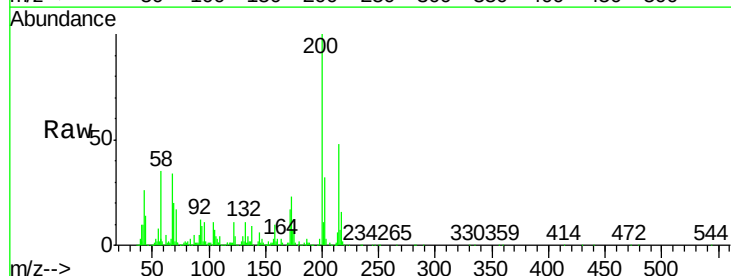
Instrument :
BNA_G
ClientSampleId :
PB91593BS

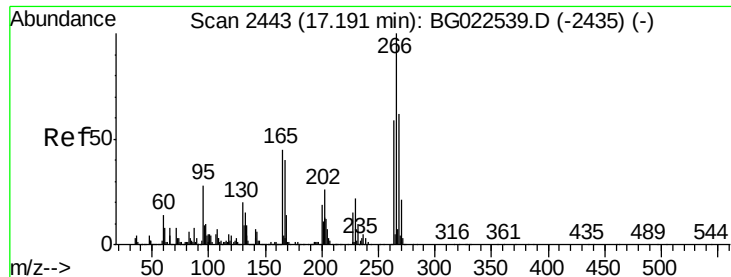
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.8	40.2
249	35.9	28.9	43.3



#68
Atrazine
Concen: 21.61 ng
RT: 16.99 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	1.6	41.6
215	48.2	28.7	68.7

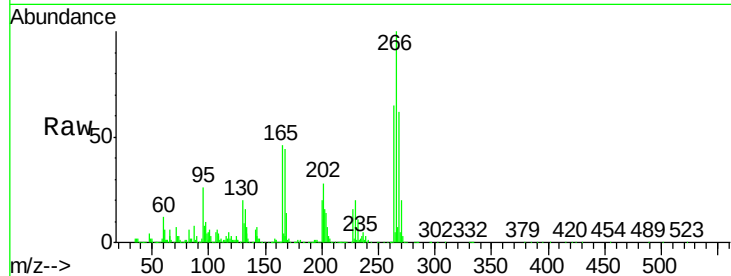




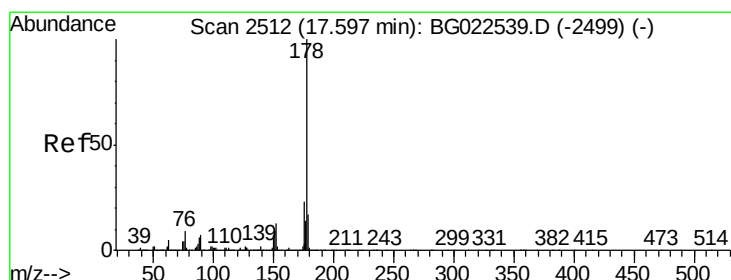
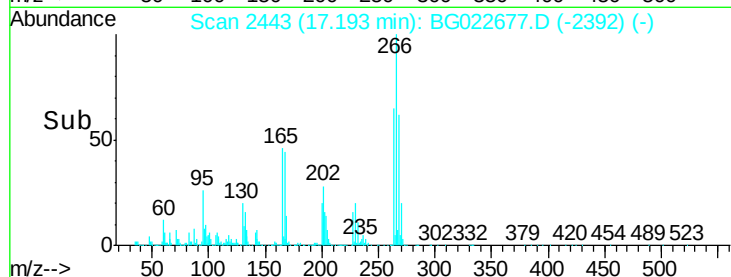
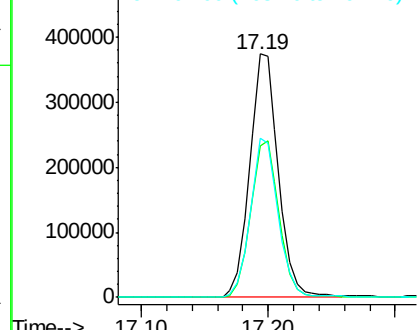
#69
 Pentachlorophenol
 Concen: 61.08 ng
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.9	77.9
264	65.5	50.6	75.8

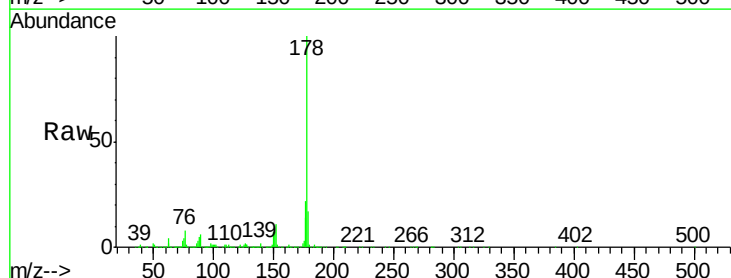


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

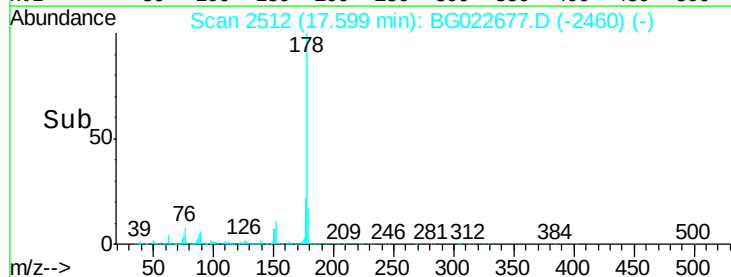
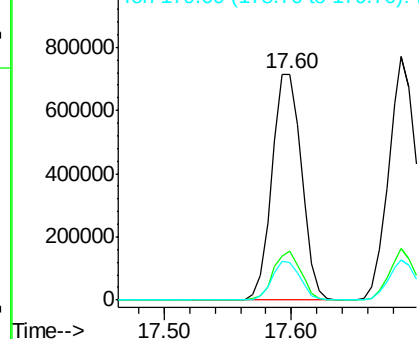


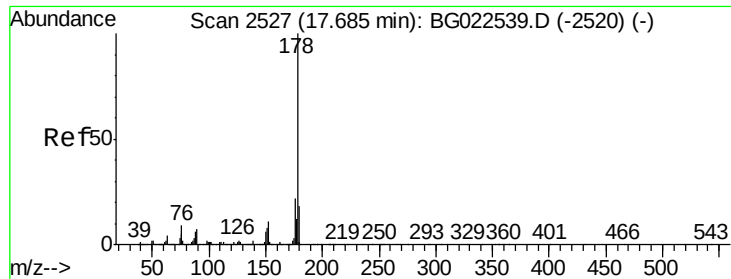
#70
 Phenanthrene
 Concen: 22.36 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	16.9	14.3	21.5



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

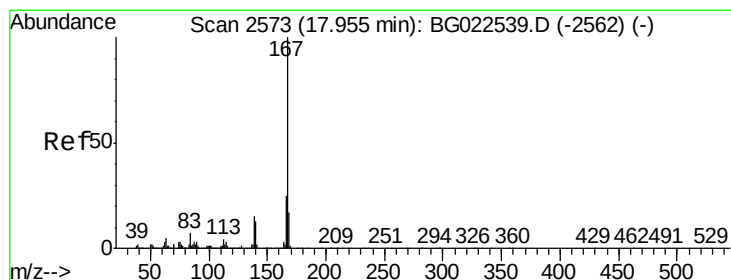
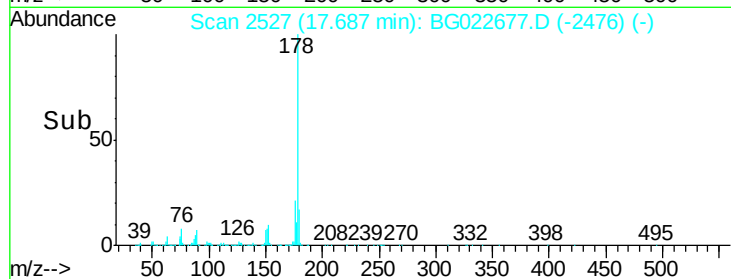
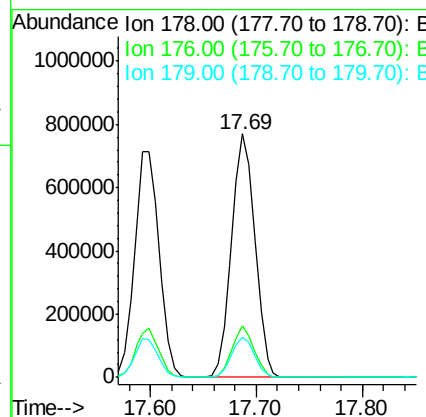
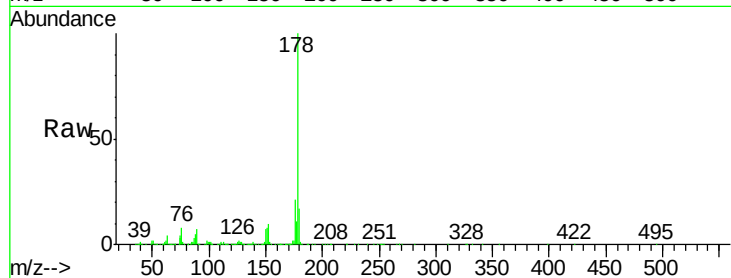




#71
 Anthracene
 Concen: 22.09 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

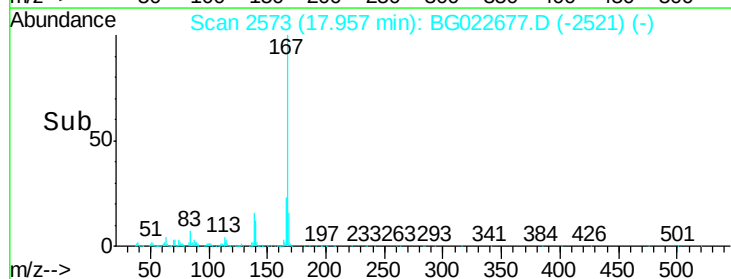
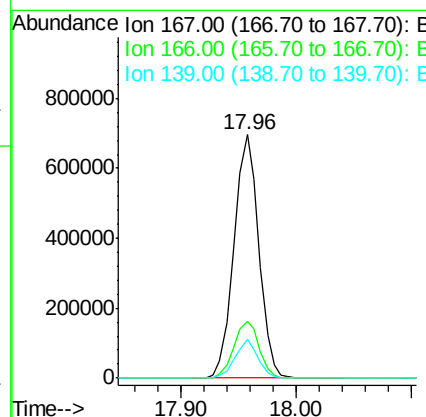
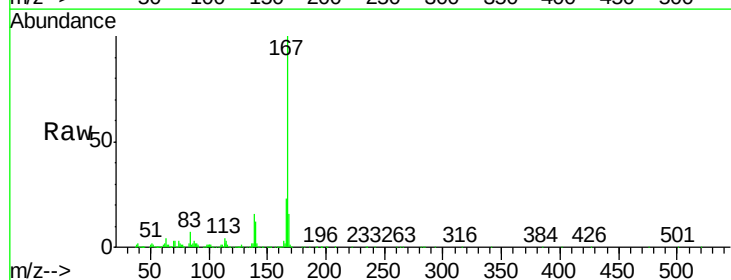
Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

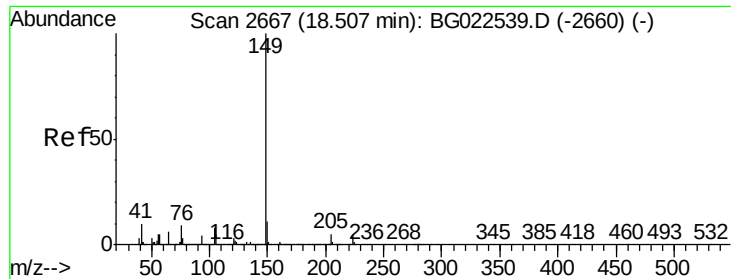
Tot Ion:178 Resp: 1179489
 Ion Ratio Lower Upper
 178 100
 176 21.2 17.3 25.9
 179 16.6 14.0 21.0



#72
 Carbazole
 Concen: 22.86 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

Tgt Ion:167 Resp: 1034949
 Ion Ratio Lower Upper
 167 100
 166 23.3 20.7 31.1
 139 15.8 11.9 17.9





#73

Di-n-butylphthalate

Concen: 23.19 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

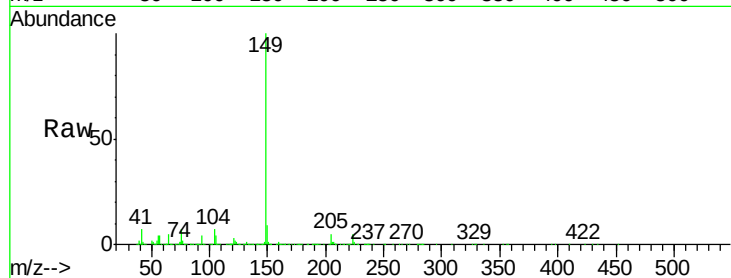
Tot Ion:149 Resp: 1222433

Ion Ratio Lower Upper

149 100

150 9.4 9.1 13.7

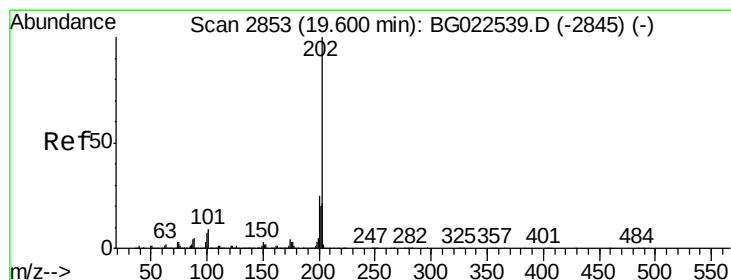
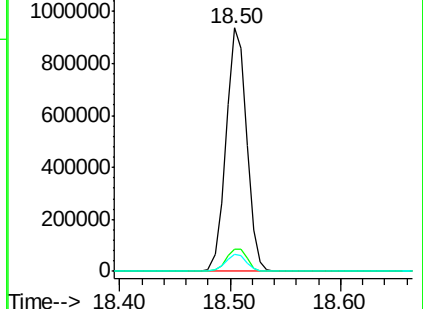
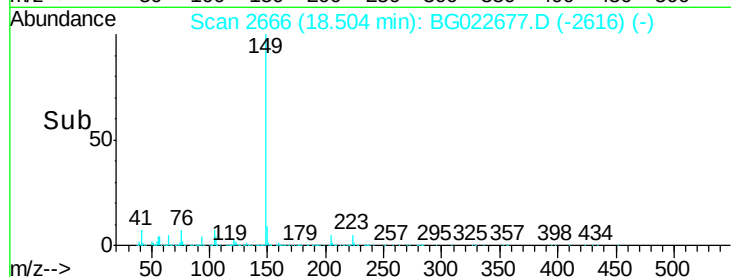
104 7.2 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.66 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

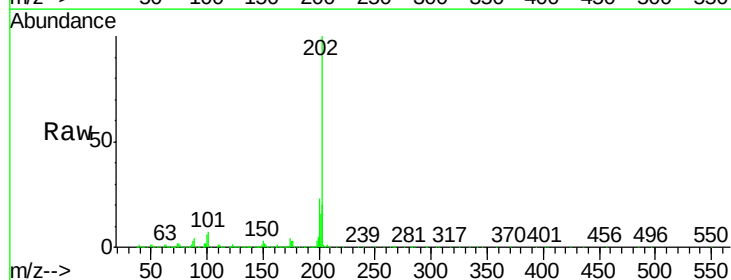
Tgt Ion:202 Resp: 1473988

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.4

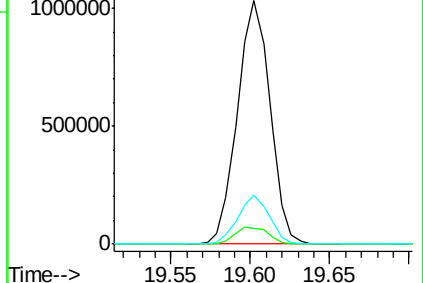
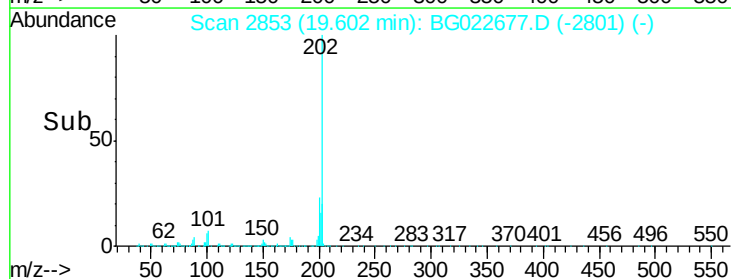
203 20.2 1.7 41.7

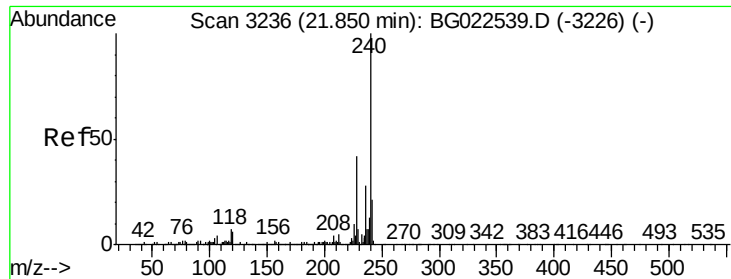


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

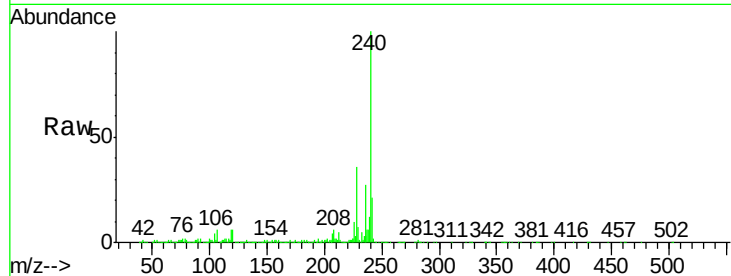
Tot Ion:240 Resp: 1220861

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

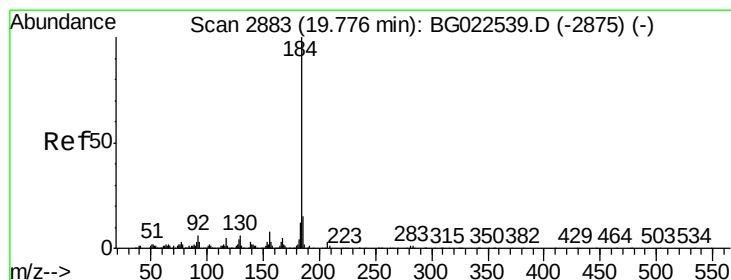
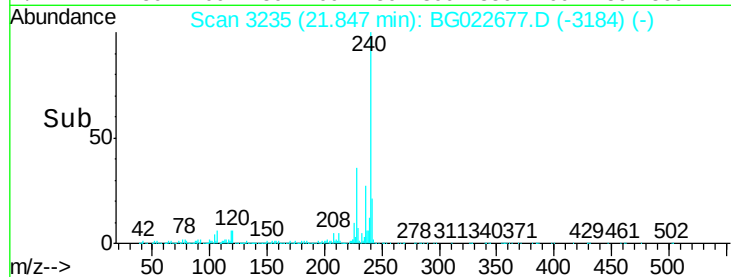
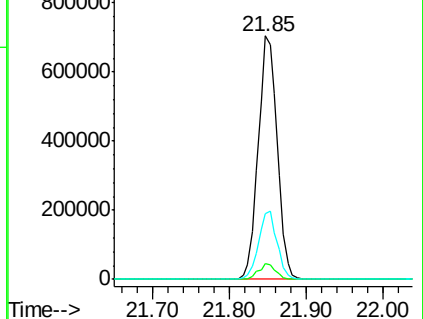
236 27.1 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 69.55 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

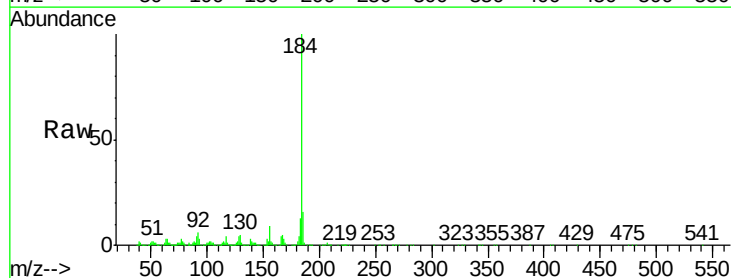
Tgt Ion:184 Resp: 904077

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

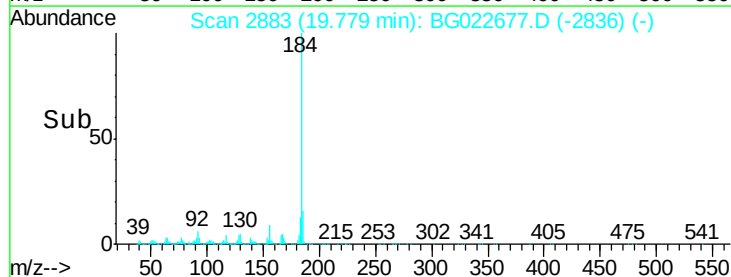
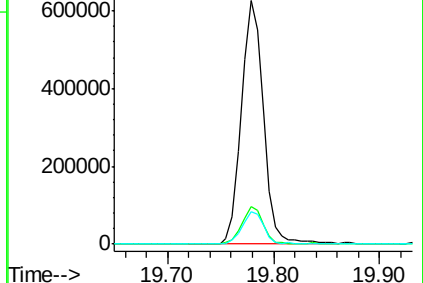
183 13.3 10.7 16.1

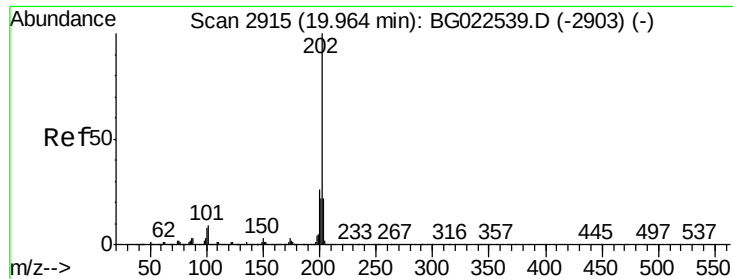


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 22.78 ng

RT: 19.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

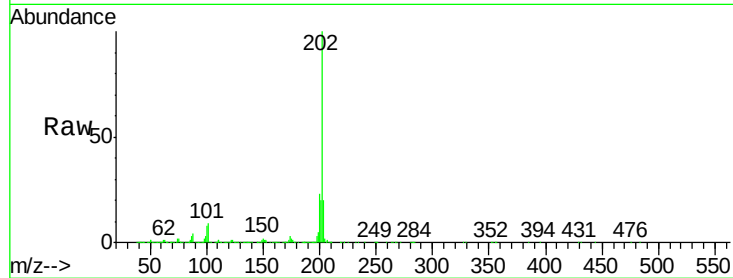
Tot Ion:202 Resp: 1480987

Ion	Ratio	Lower	Upper
202	100		
200	23.3	21.2	31.8
203	19.7	16.8	25.2

202 100

200 23.3 21.2 31.8

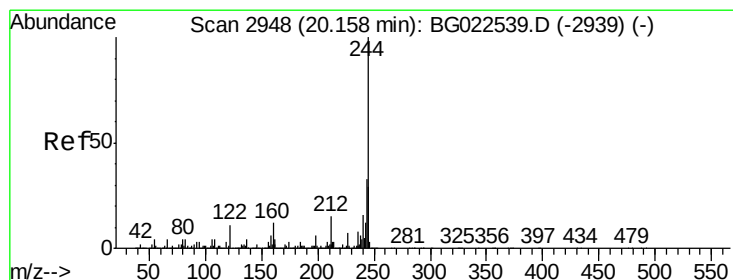
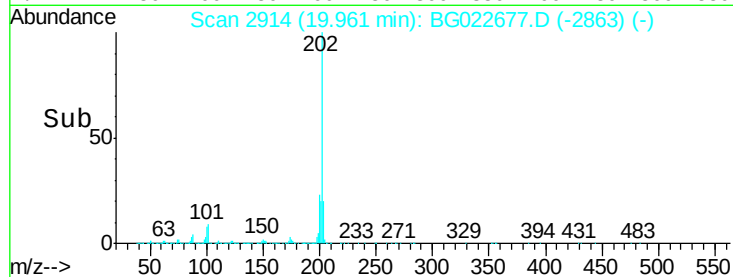
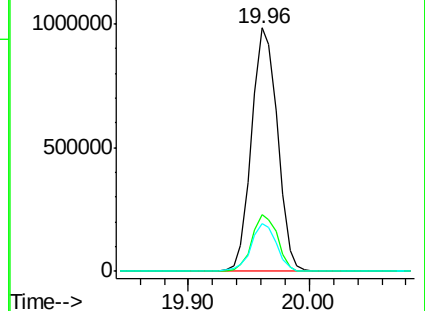
203 19.7 16.8 25.2



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: 67.61 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

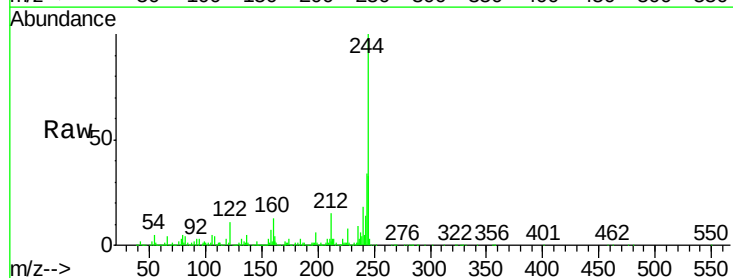
Tgt Ion:244 Resp: 3115507

Ion	Ratio	Lower	Upper
244	100		
212	15.0	10.8	16.2
122	11.3	8.0	12.0

244 100

212 15.0 10.8 16.2

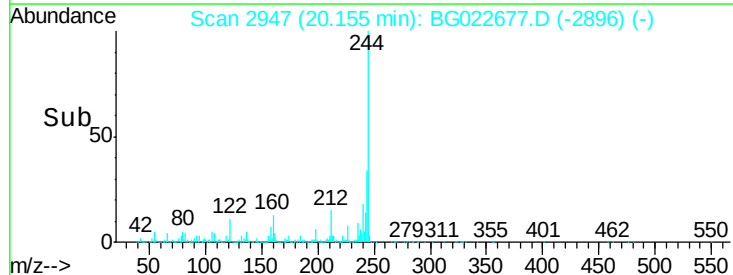
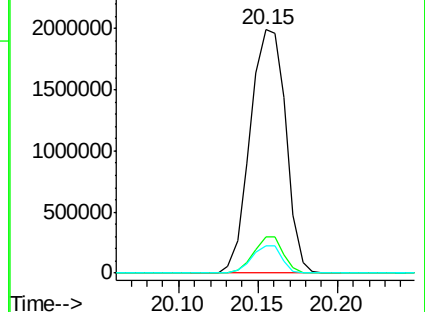
122 11.3 8.0 12.0

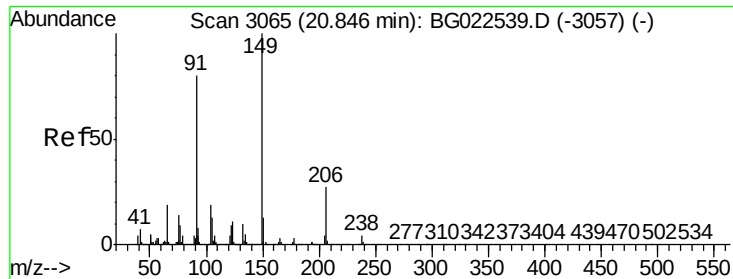


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

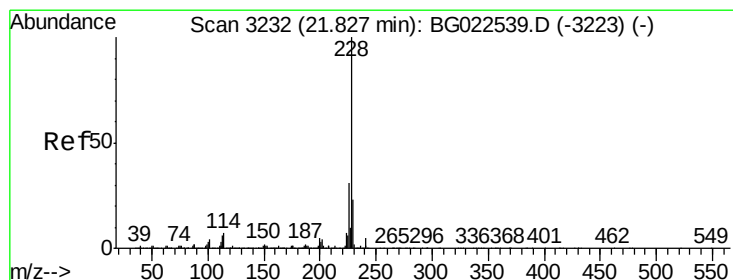
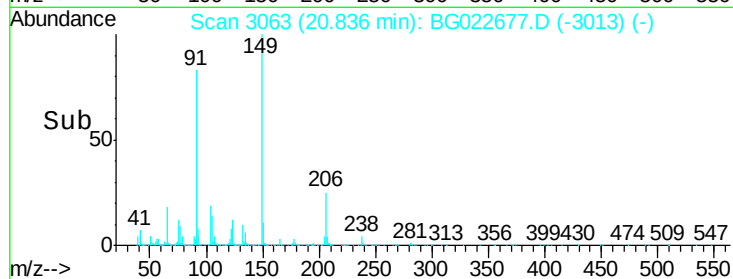
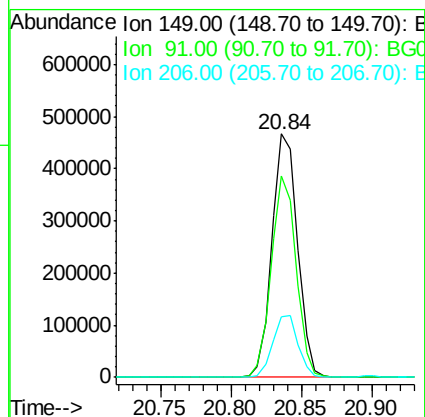
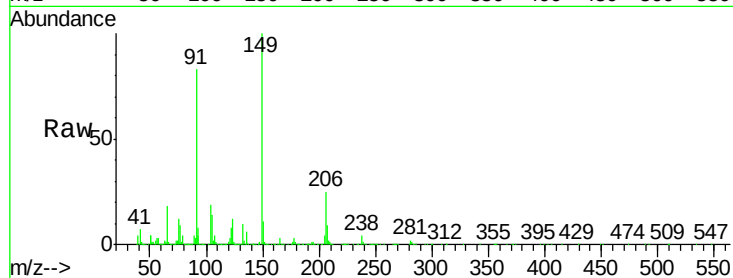




#79
Butylbenzylphthalate
Concen: 21.08 ng
RT: 20.84 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

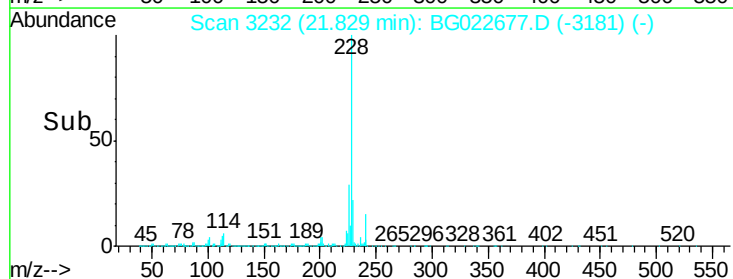
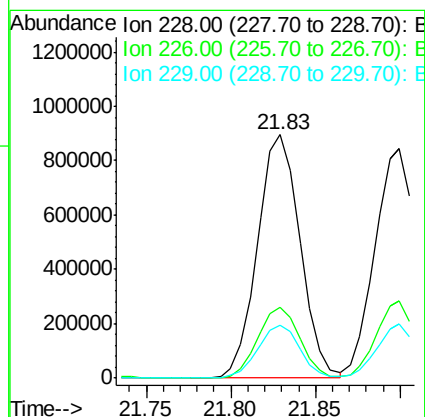
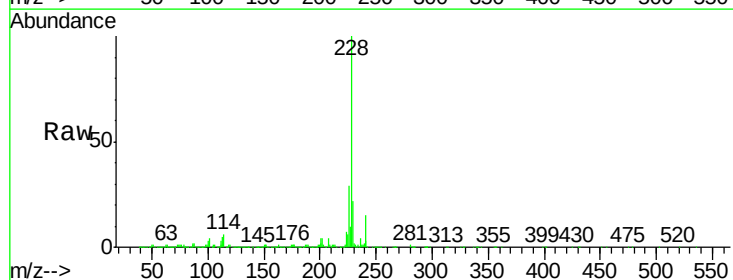
Instrument :
BNA_G
ClientSampleId :
PB91593BS

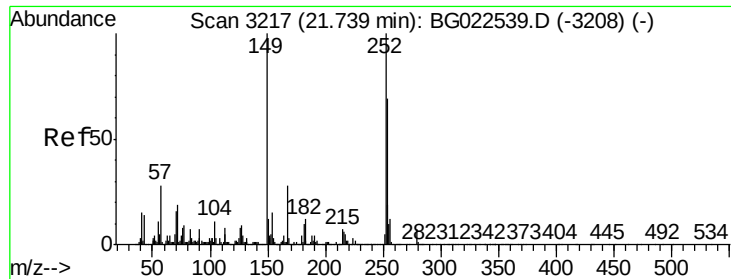
Tot Ion:149 Resp: 593331
Ion Ratio Lower Upper
149 100
91 82.6 68.1 102.1
206 24.8 19.8 29.6



#80
Benzo(a)anthracene
Concen: 23.23 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion:228 Resp: 1569164
Ion Ratio Lower Upper
228 100
226 28.9 25.3 37.9
229 21.8 19.9 29.9

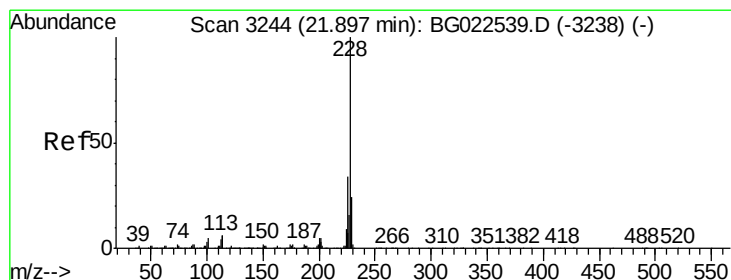
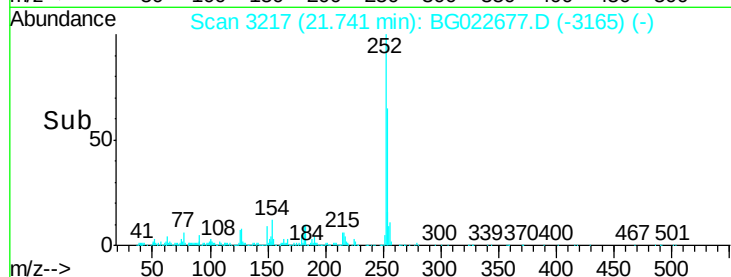
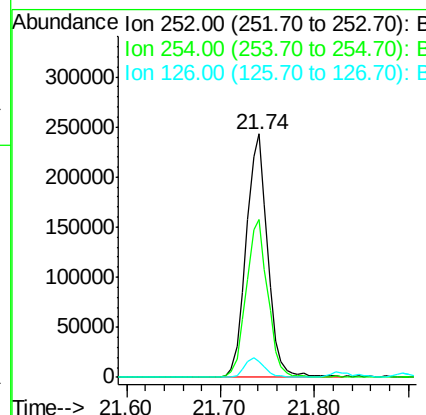
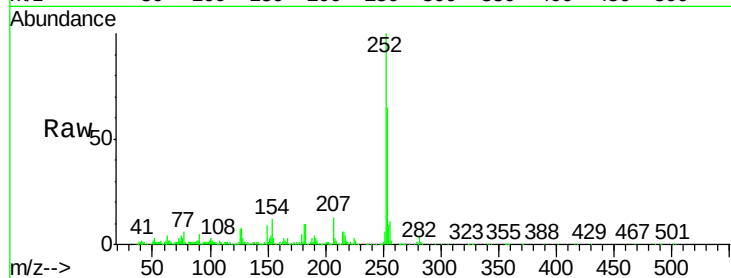




#81
 3,3'-Dichlorobenzidine
 Concen: 13.80 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

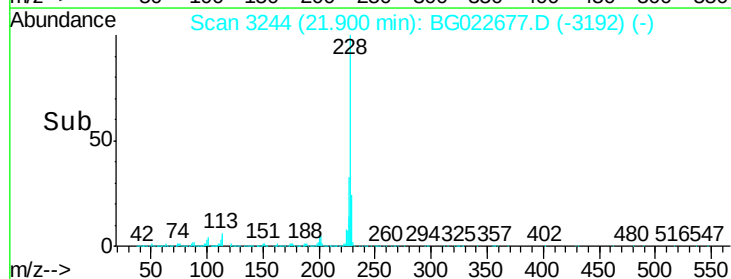
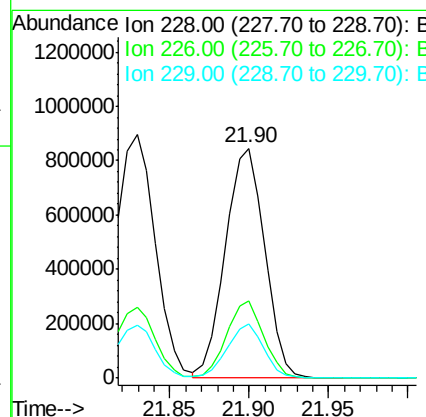
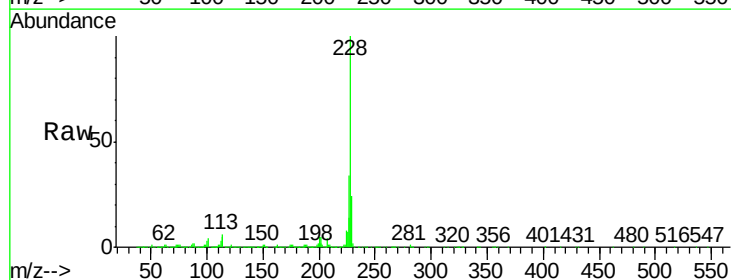
Instrument :
 BNA_G
 ClientSampleId :
 PB91593BS

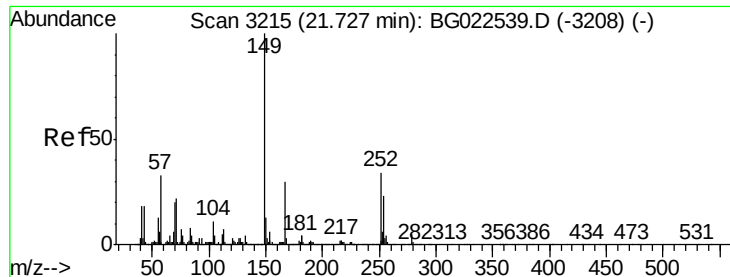
Tot Ion:252 Resp: 385146
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.2 76.8
 126 6.7 5.3 7.9



#82
 Chrysene
 Concen: 22.86 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.01 min
 Lab File: BG022677.D
 Acq: 28 Jun 2016 15:46

Tgt Ion:228 Resp: 1451008
 Ion Ratio Lower Upper
 228 100
 226 33.5 26.7 40.1
 229 23.6 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 20.39 ng

RT: 21.72 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

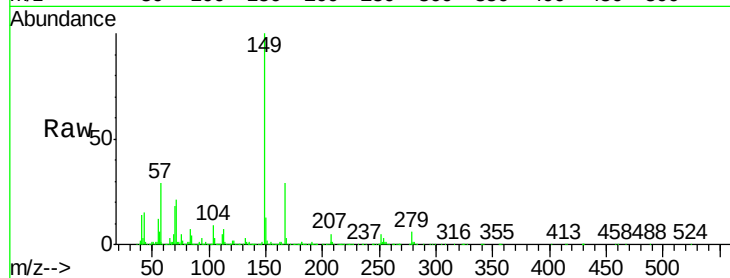
BNA_G

ClientSampleId :

PB91593BS

Tot Ion:149 Resp: 807953

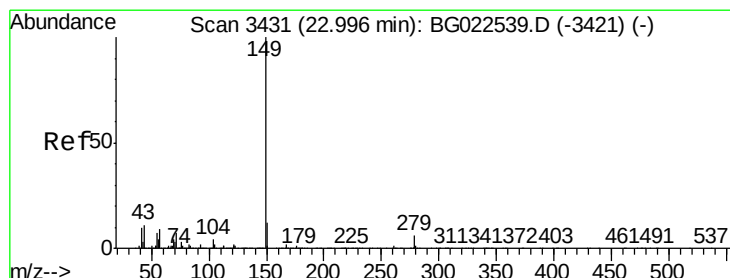
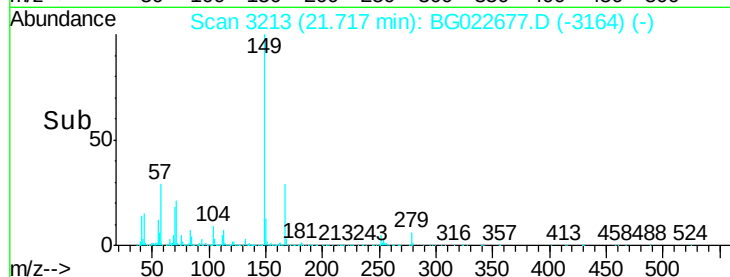
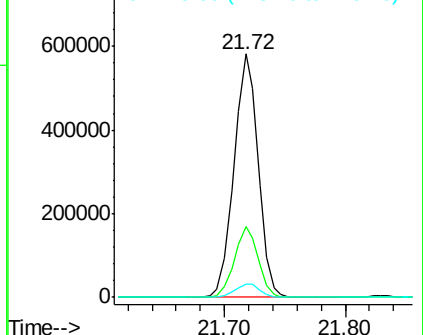
Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.0	36.0
279	5.6	4.8	7.2



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: 21.33 ng

RT: 22.97 min Scan# 3427

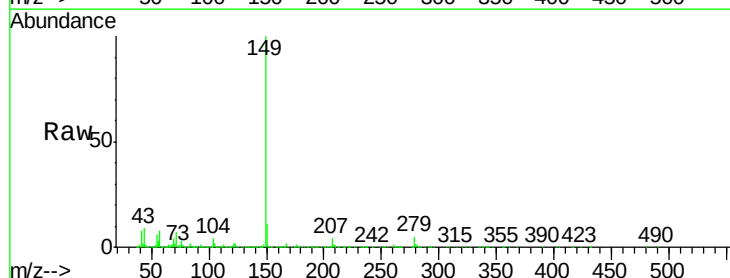
Delta R.T. -0.02 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Tgt Ion:149 Resp: 1393287

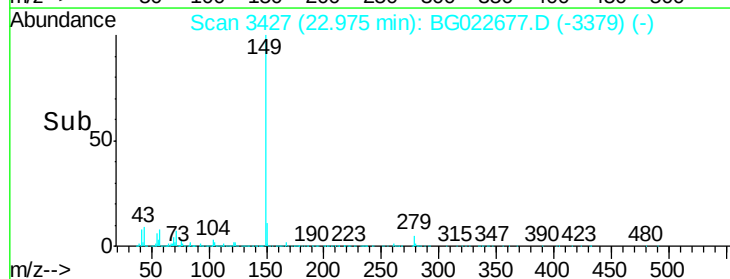
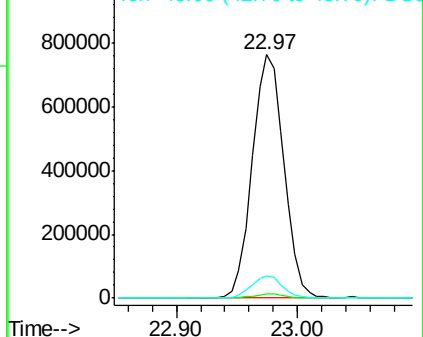
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	9.2	8.8	13.2

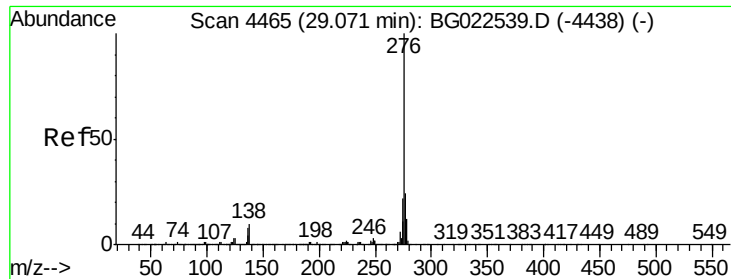


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

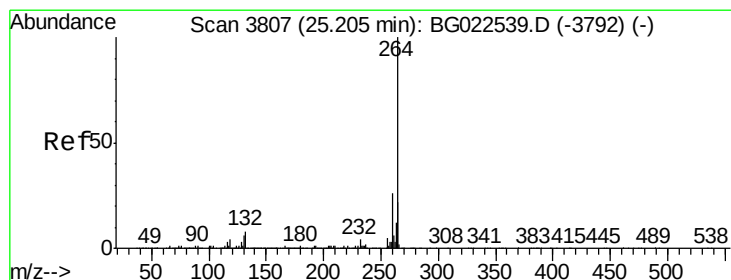
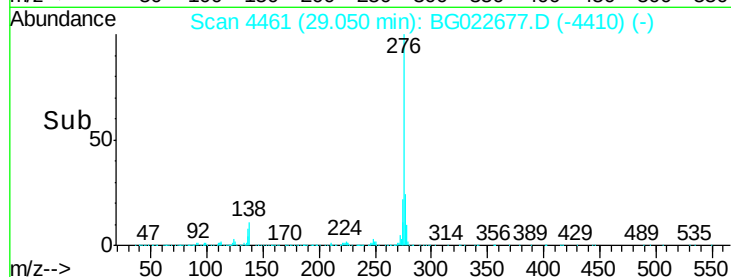
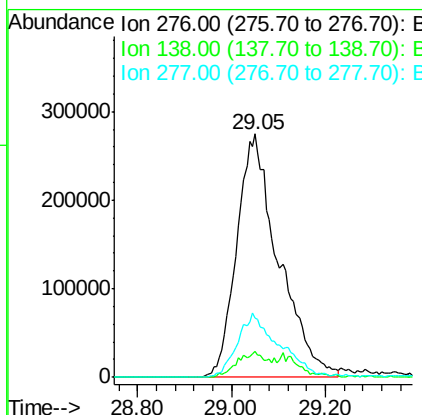
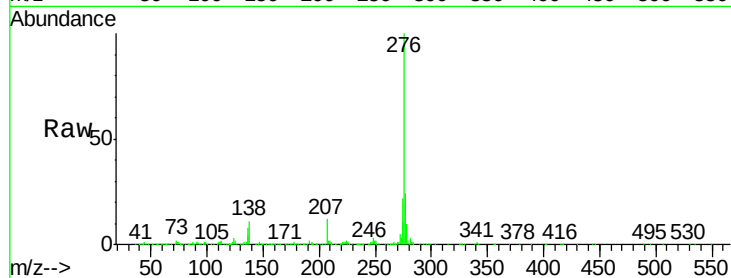




#85
Indeno(1,2,3-cd)pyrene
Concen: 20.27 ng
RT: 29.05 min Scan# 4461
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

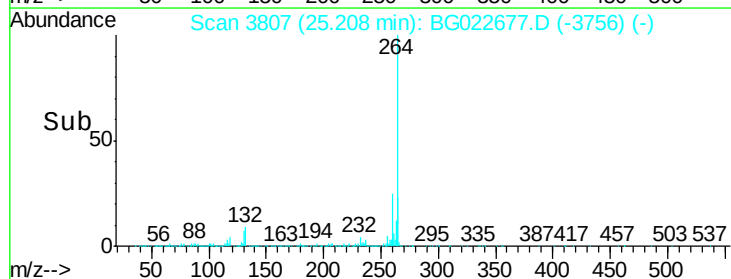
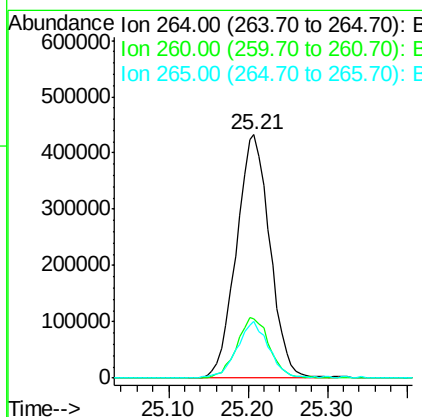
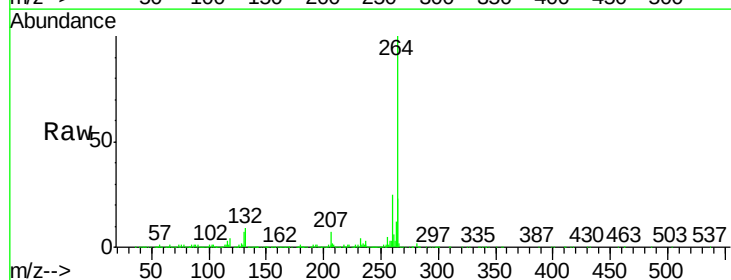
Instrument :
BNA_G
ClientSampleId :
PB91593BS

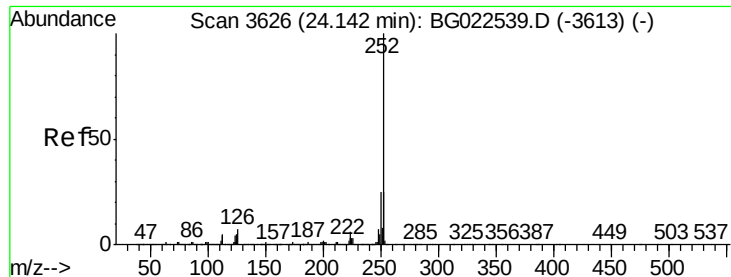
Tot Ion:276 Resp: 1690937
Ion Ratio Lower Upper
276 100
138 6.6 0.0 0.0#
277 25.9 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion:264 Resp: 1265986
Ion Ratio Lower Upper
264 100
260 24.5 18.4 27.6
265 23.2 18.9 28.3

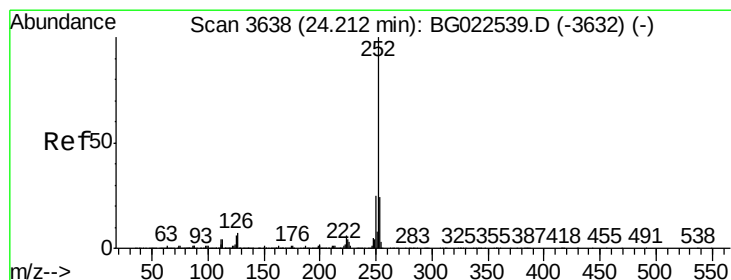
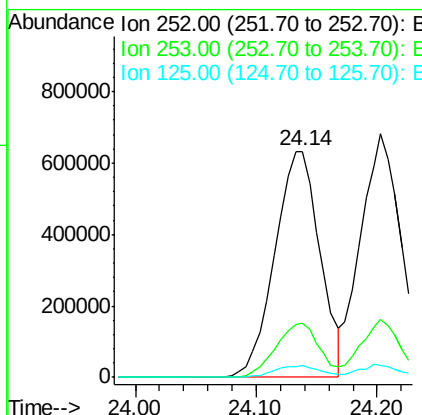
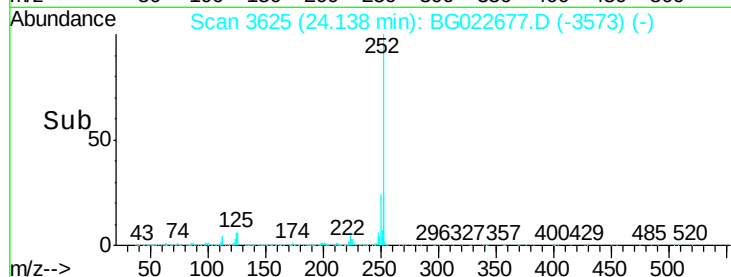
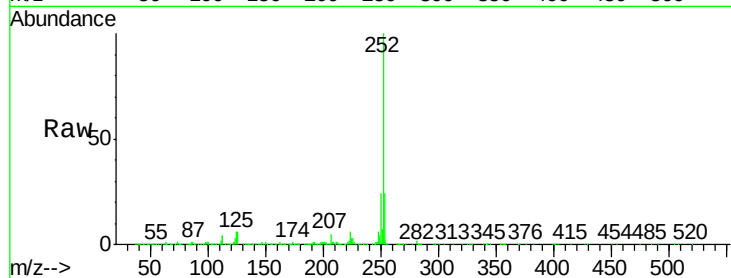




#87
Benzo(b)fluoranthene
Concen: 21.45 ng
RT: 24.14 min Scan# 3625
Delta R.T. 0.01 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

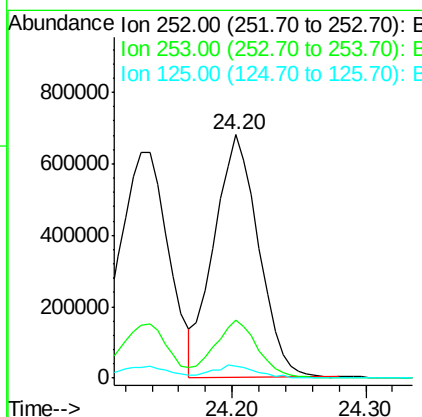
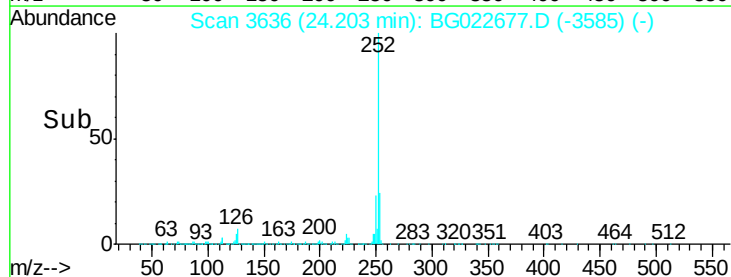
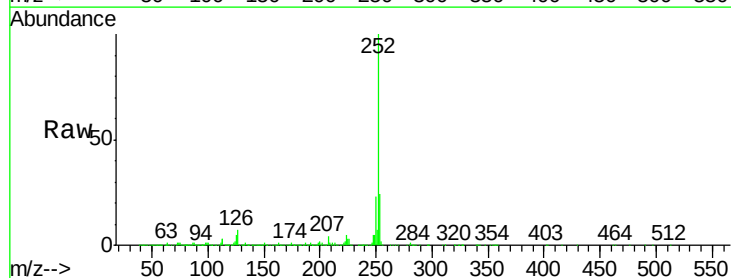
Instrument :
BNA_G
ClientSampleId :
PB91593BS

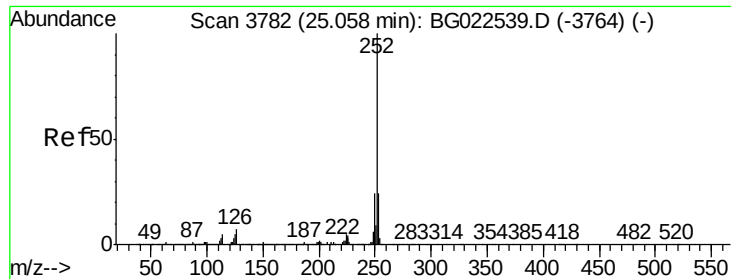
Tot Ion:252 Resp: 1633034
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 5.5 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 22.04 ng
RT: 24.20 min Scan# 3636
Delta R.T. 0.00 min
Lab File: BG022677.D
Acq: 28 Jun 2016 15:46

Tgt Ion:252 Resp: 1586268
Ion Ratio Lower Upper
252 100
253 24.0 18.8 28.2
125 4.7 3.2 4.8





#89

Benzo(a)pyrene

Concen: 21.14 ng

RT: 25.05 min Scan# 3780

Delta R.T. 0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

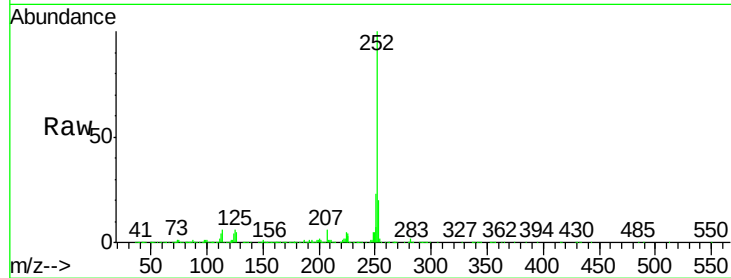
BNA_G

ClientSampleId :

PB91593BS

Tot Ion:252 Resp: 1568916

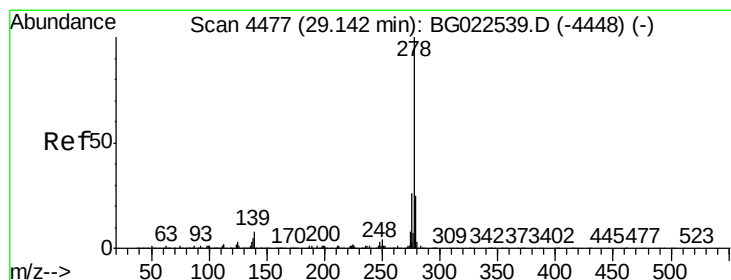
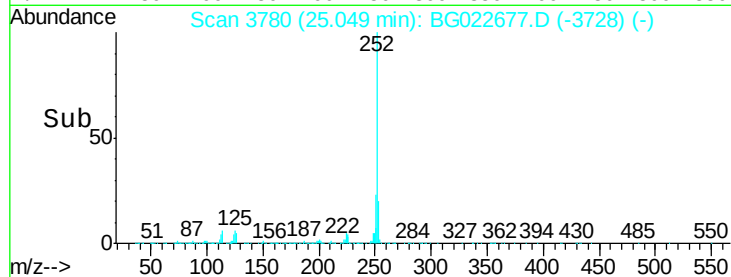
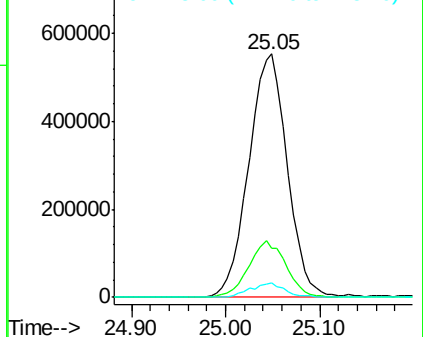
Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.7	28.1
125	5.8	3.9	5.9



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: 20.24 ng

RT: 29.13 min Scan# 4474

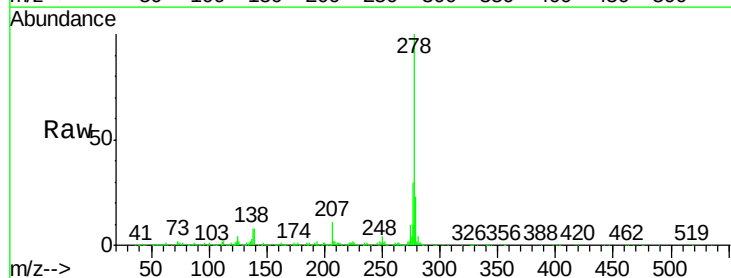
Delta R.T. 0.01 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Tgt Ion:278 Resp: 1414159

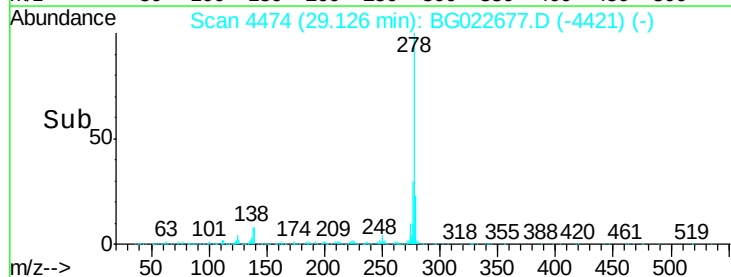
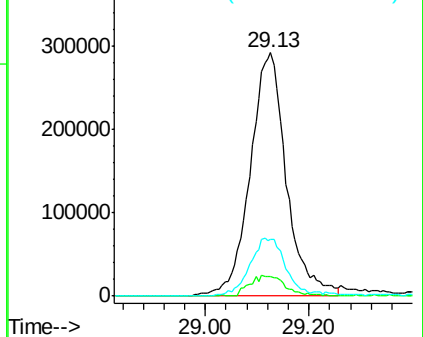
Ion	Ratio	Lower	Upper
278	100		
139	8.2	4.7	7.1#
279	23.2	18.3	27.5

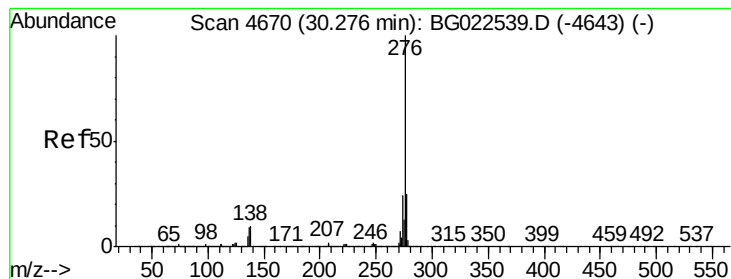


Abundance Ion 278.00 (277.70 to 278.70): E

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: 19.60 ng

RT: 30.25 min Scan# 4666

Delta R.T. 0.00 min

Lab File: BG022677.D

Acq: 28 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91593BS

Tot Ion:276 Resp: 1393794

Ion Ratio Lower Upper

276 100

277 24.5 18.6 27.8

138 10.8 6.8 10.2#

