

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022682.D
 Acq On : 28 Jun 2016 19:06
 Operator : UM/SJ
 Sample : PB91516BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91516BS

Quant Time: Jun 29 04:11:29 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	129078	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	535752	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	388104	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1030688	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1193838	20.00	ng	0.00
86) Perylene-d12	25.21	264	1167023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	1091948	135.69	ng	0.00
7) Phenol-d6	7.31	99	1606605	141.63	ng	0.00
23) Nitrobenzene-d5	9.33	82	1096990	86.66	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	887646	145.41	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2107432	86.11	ng	0.00
78) Terphenyl-d14	20.15	244	3306451	73.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	104152	31.93	ng	# 94
3) Pyridine	3.98	79	352564	38.64	ng	94
4) n-Nitrosodimethylamine	3.89	42	189495	36.31	ng	96
6) Aniline	7.48	93	406775	27.05	ng	98
8) 2-Chlorophenol	7.72	128	377017	45.23	ng	99
10) Phenol	7.33	94	574039	47.88	ng	91
11) bis(2-Chloroethyl)ether	7.57	93	402745	40.81	ng	97
12) 1,3-Dichlorobenzene	8.05	146	401163	39.55	ng	96
13) 1,4-Dichlorobenzene	8.20	146	413535	40.66	ng	94
14) 1,2-Dichlorobenzene	8.52	146	393608	40.70	ng	97
15) Benzyl Alcohol	8.40	79	486029	46.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	444705	40.74	ng	95
17) 2-Methylphenol	8.60	107	364568	46.13	ng	95
18) Hexachloroethane	9.25	117	164212	39.01	ng	# 83
19) n-Nitroso-di-n-propylamine	8.97	70	382919	40.53	ng	95
20) 3+4-Methylphenols	8.93	107	501637	46.08	ng	95
22) Acetophenone	8.99	105	664761	42.92	ng	# 90
24) Nitrobenzene	9.38	77	577089	41.25	ng	92
25) Isophorone	9.89	82	1012309	41.20	ng	98
26) 2-Nitrophenol	10.09	139	228163	45.28	ng	89
27) 2,4-Dimethylphenol	10.14	122	406740	42.24	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	575158	42.87	ng	97
29) 2,4-Dichlorophenol	10.62	162	439811	46.89	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	472886	42.46	ng	96
31) Naphthalene	11.03	128	1124949	41.77	ng	98
32) Benzoic acid	10.27	122	304461	48.33	ng	92
33) 4-Chloroaniline	11.14	127	121896	10.51	ng	94
34) Hexachlorobutadiene	11.32	225	351787	40.64	ng	96
35) Caprolactam	11.91	113	157746m	53.38	ng	
36) 4-Chloro-3-methylphenol	12.25	107	557166	48.39	ng	99
37) 2-Methylnaphthalene	12.63	142	854848	40.93	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	606848	41.42	ng	99
40) Hexachlorocyclopentadiene	12.97	237	826272	70.64	ng	99
42) 2,4,6-Trichlorophenol	13.23	196	425488	45.29	ng	97

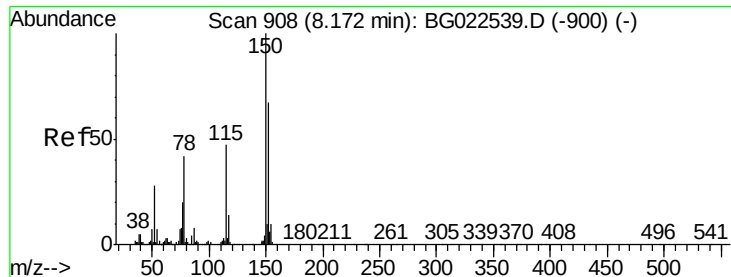
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022682.D
 Acq On : 28 Jun 2016 19:06
 Operator : UM/SJ
 Sample : PB91516BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91516BS

Quant Time: Jun 29 04:11:29 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)
43) 2,4,5-Trichlorophenol	13.30	196	461941	46.99	nq	94
45) 1,1'-Biphenyl	13.63	154	1219803	41.26	nq	98
46) 2-Chloronaphthalene	13.68	162	1022452	42.03	nq	97
47) 2-Nitroaniline	13.88	65	424568	45.22	nq	94
48) Acenaphthylene	14.52	152	1502172	42.57	nq	98
49) Dimethylphthalate	14.24	163	1348784	41.89	nq	97
50) 2,6-Dinitrotoluene	14.37	165	323220	46.20	nq	83
51) Acenaphthene	14.86	154	968837	37.27	nq	99
52) 3-Nitroaniline	14.70	138	178783	27.31	nq	90
53) 2,4-Dinitrophenol	14.90	184	450081	104.45	nq	97
54) Dibenzofuran	15.19	168	1598362	42.45	nq	99
55) 4-Nitrophenol	15.00	139	534168	96.50	nq	97
56) 2,4-Dinitrotoluene	15.15	165	473818	48.89	nq	92
57) Fluorene	15.85	166	1321340	43.98	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	485105m	47.59	nq	
59) Diethylphthalate	15.61	149	1406031	42.48	nq	95
60) 4-Chlorophenyl-phenylether	15.83	204	775984	43.38	nq	96
61) 4-Nitroaniline	15.87	138	321898	47.66	nq	# 84
62) Azobenzene	16.13	77	1460446	40.74	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	336306	48.65	nq	97
65) n-Nitrosodiphenylamine	16.05	169	1260236	42.02	nq	98
66) 4-Bromophenyl-phenylether	16.73	248	553965	41.43	nq	98
67) Hexachlorobenzene	16.85	284	583638	41.28	nq	97
68) Atrazine	17.00	200	526986	41.61	nq	98
69) Pentachlorophenol	17.20	266	843868	86.73	nq	98
70) Phenanthrene	17.60	178	2185805	41.59	nq	96
71) Anthracene	17.69	178	2202840	40.72	nq	96
72) Carbazole	17.96	167	2012609	43.89	nq	99
73) Di-n-butylphthalate	18.51	149	2316272	43.38	nq	98
74) Fluoranthene	19.60	202	2652422	43.80	nq	96
76) Benzidine	19.78	184	1293296	101.75	nq	100
77) Pyrene	19.97	202	2656371	41.78	nq	94
79) Butylbenzylphthalate	20.84	149	1177821	42.79	nq	93
80) Benzo(a)anthracene	21.83	228	2884473	43.66	nq	97
81) 3,3'-Dichlorobenzidine	21.74	252	664555	24.36	nq	95
82) Chrysene	21.90	228	2691529	43.36	nq	94
83) Bis(2-ethylhexyl)phthalate	21.72	149	1578439	40.73	nq	97
84) Di-n-octyl phthalate	22.98	149	2613423	40.91	nq	98
85) Indeno(1,2,3-cd)pyrene	29.06	276	3447545	42.26	nq	# 100
87) Benzo(b)fluoranthene	24.14	252	3218104	45.86	nq	98
88) Benzo(k)fluoranthene	24.21	252	2932761	44.21	nq	# 96
89) Benzo(a)pyrene	25.05	252	3030120	44.29	nq	# 97
90) Dibenzo(a,h)anthracene	29.13	278	2858046	44.38	nq	# 95
91) Benzo(g,h,i)perylene	30.27	276	2801209	42.73	nq	99

(#) = 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: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

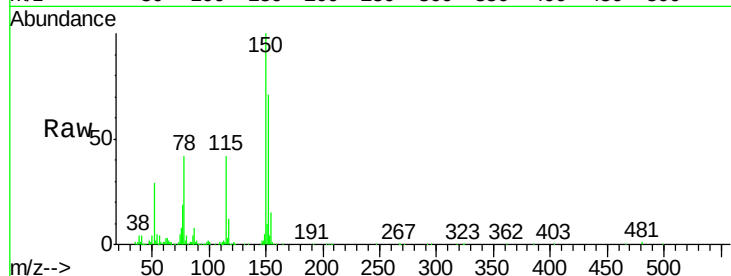
Tot Ion:152 Resp: 129078

Ion Ratio Lower Upper

152 100

150 140.1 144.7 217.1#

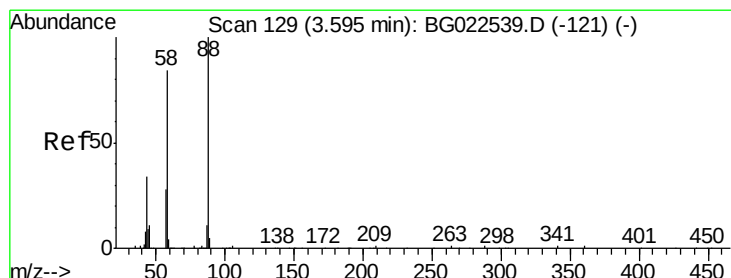
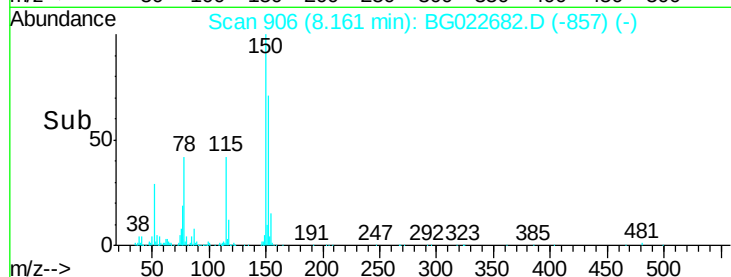
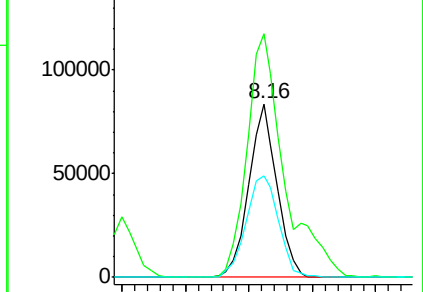
115 58.8 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.93 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

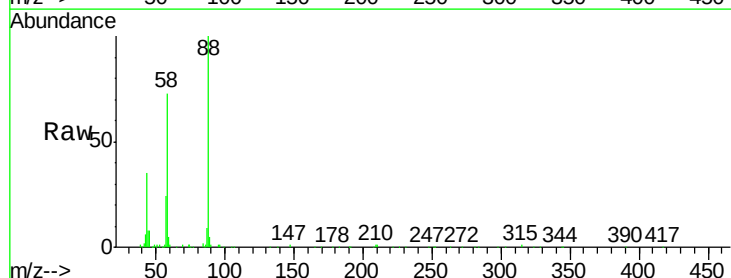
Tgt Ion: 88 Resp: 104152

Ion Ratio Lower Upper

88 100

58 76.9 60.4 90.6

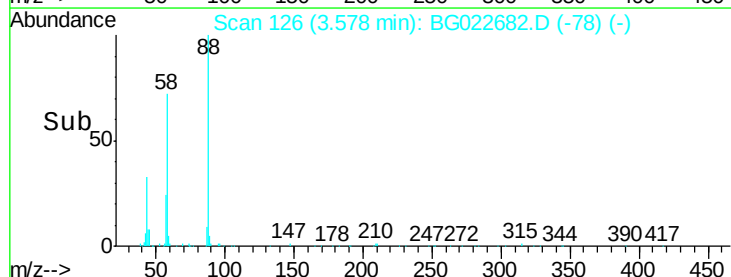
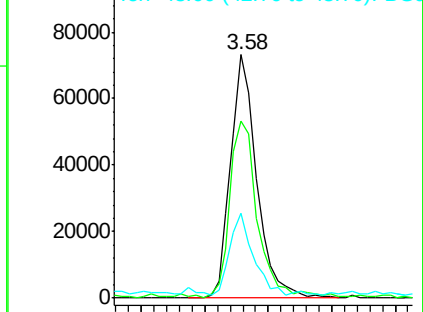
43 29.8 31.1 46.7#

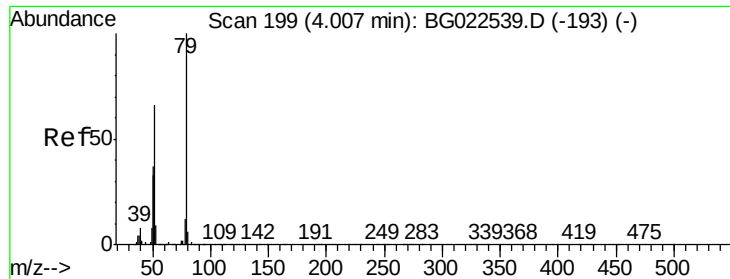


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.64 ng

RT: 3.98 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

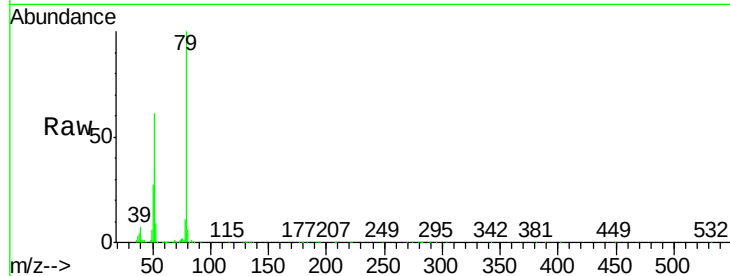
Tot Ion: 79 Resp: 352564

Ion Ratio Lower Upper

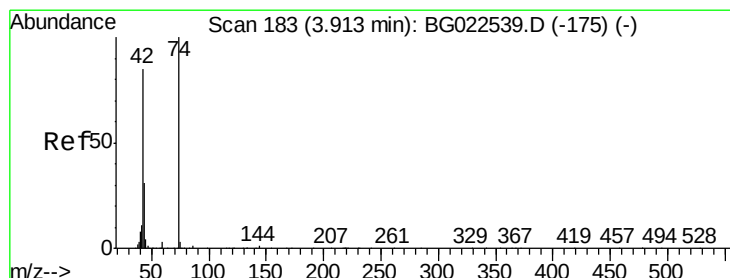
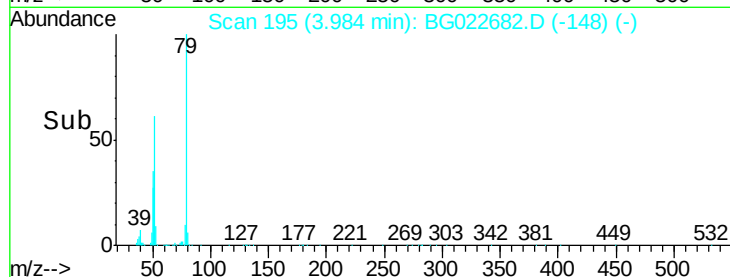
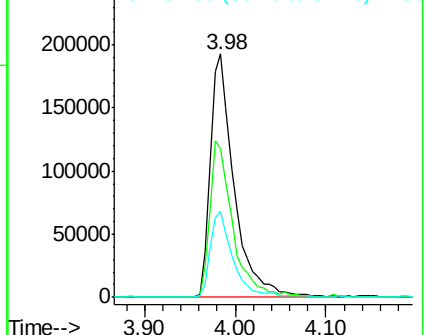
79 100

52 61.3 51.8 77.8

51 35.2 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: 36.31 ng

RT: 3.89 min Scan# 179

Delta R.T. -0.02 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

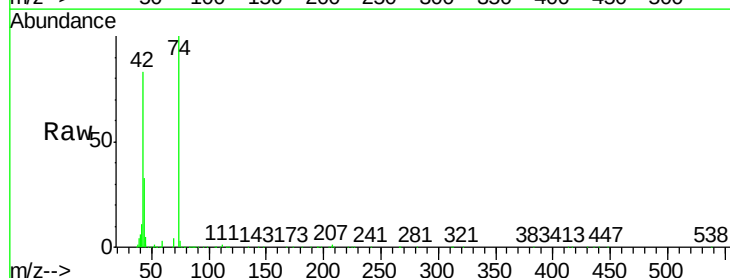
Tgt Ion: 42 Resp: 189495

Ion Ratio Lower Upper

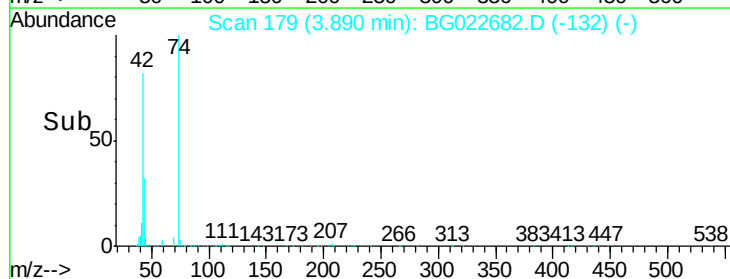
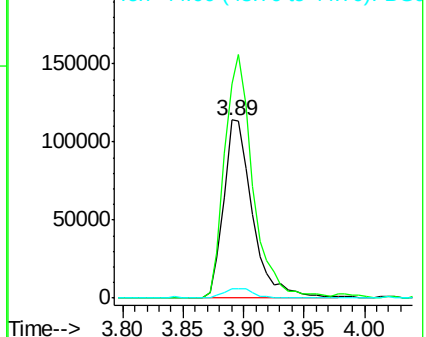
42 100

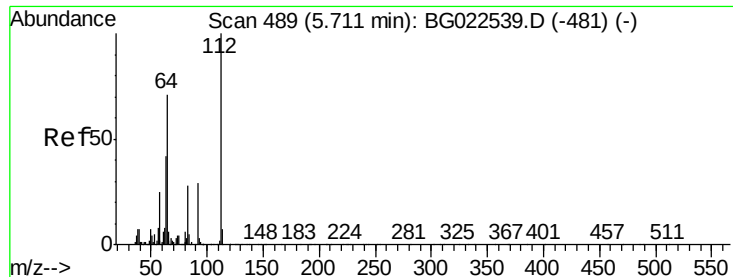
74 120.5 100.6 150.8

44 5.5 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: 135.69 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

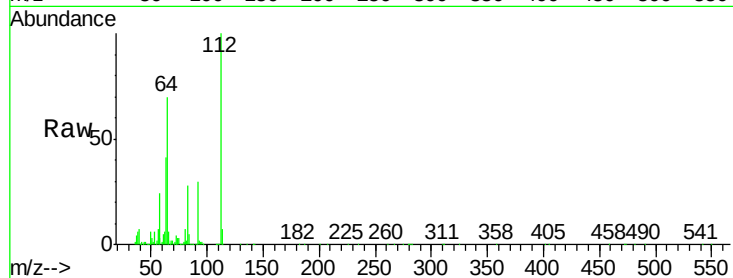
Tot Ion:112 Resp: 1091948

Ion Ratio Lower Upper

112 100

64 70.3 59.0 88.4

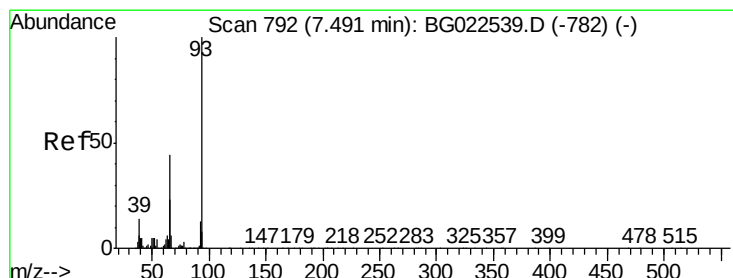
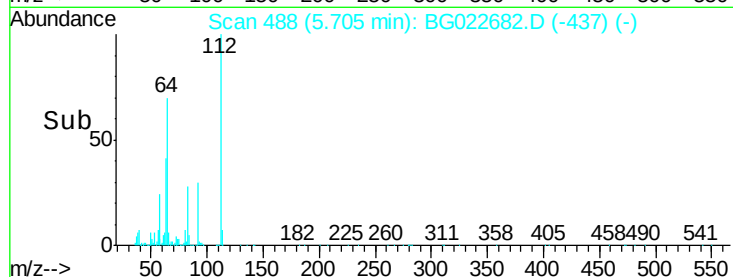
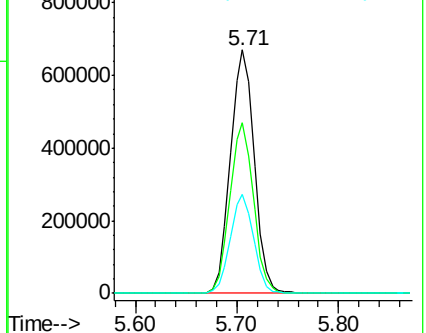
63 40.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.05 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

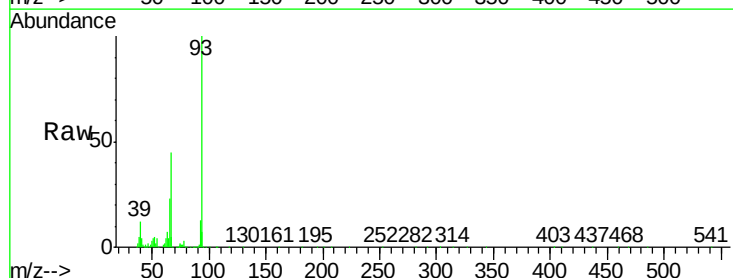
Tgt Ion: 93 Resp: 406775

Ion Ratio Lower Upper

93 100

66 45.3 37.5 56.3

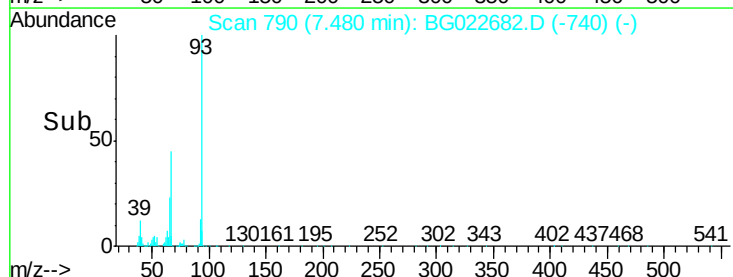
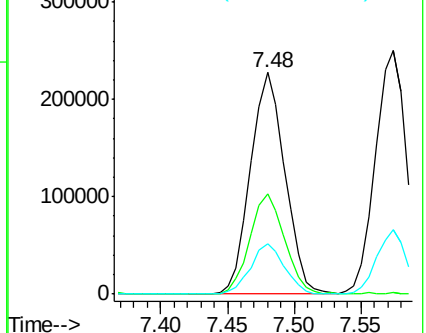
65 22.8 17.9 26.9

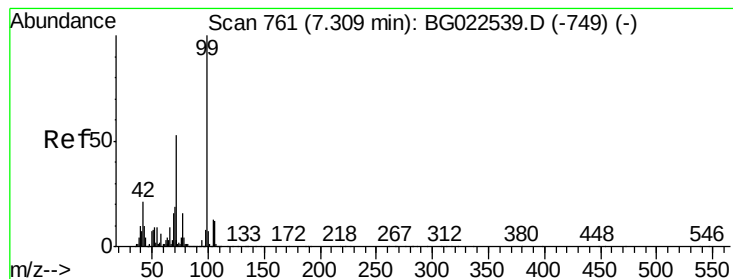


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.63 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

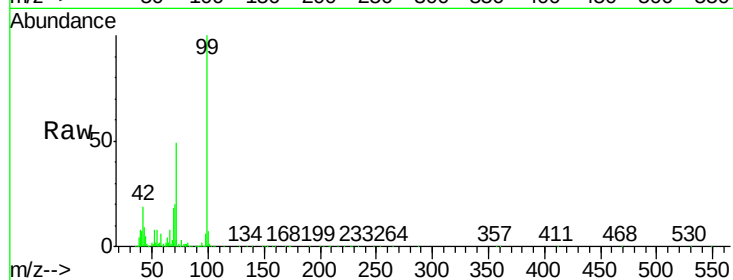
BNA_G

ClientSampled :

PB91516BS

Tot Ion: 99 Resp: 1606605

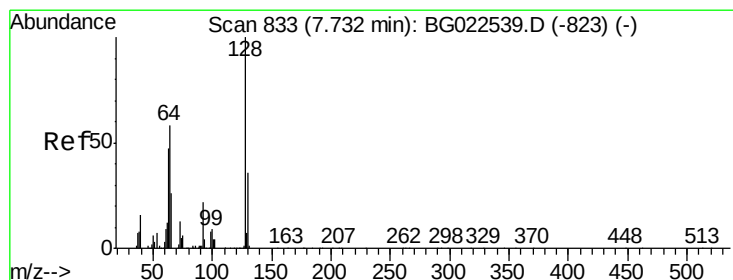
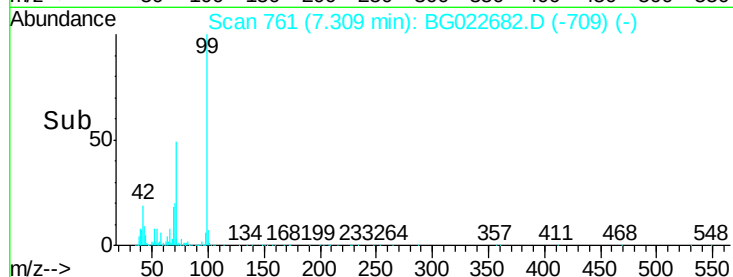
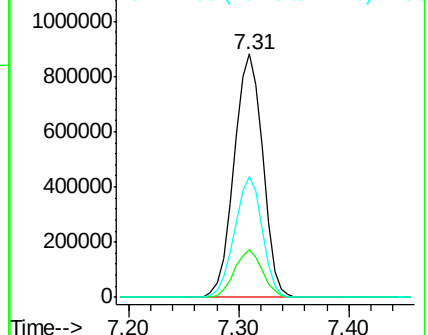
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	49.4	41.5	62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.23 ng

RT: 7.72 min Scan# 831

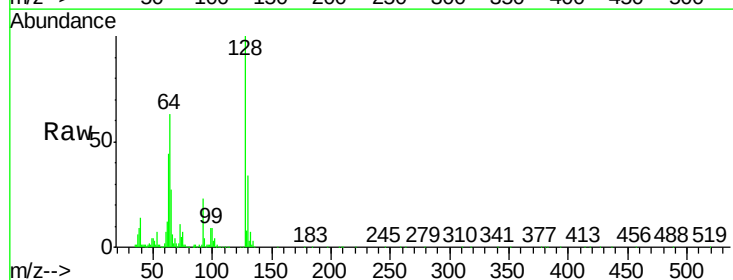
Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Tgt Ion: 128 Resp: 377017

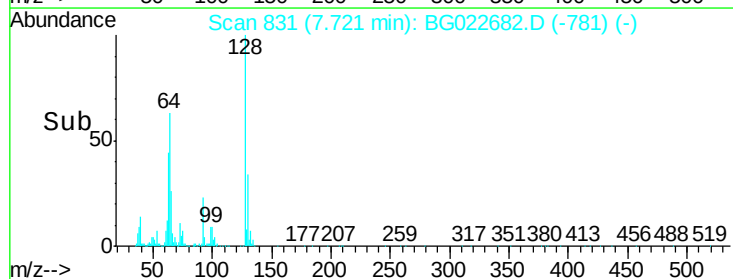
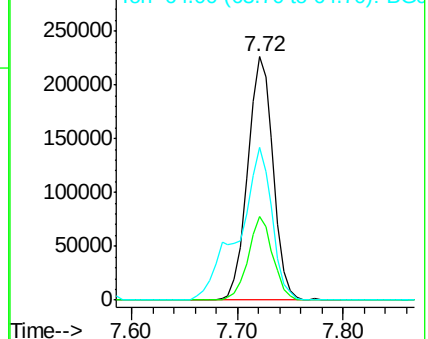
Ion	Ratio	Lower	Upper
128	100		
130	34.4	12.9	52.9
64	62.5	42.0	82.0

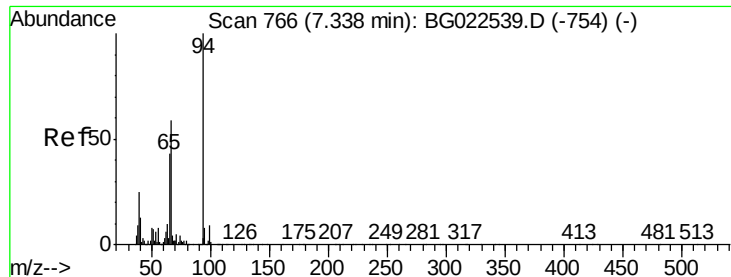


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#10

Phenol

Concen: 47.88 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

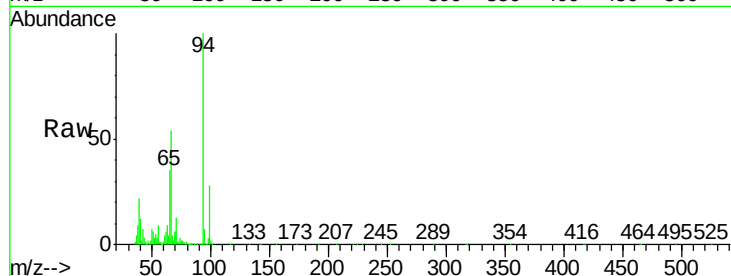
Tot Ion: 94 Resp: 574039

Ion Ratio Lower Upper

94 100

65 35.0 18.1 58.1

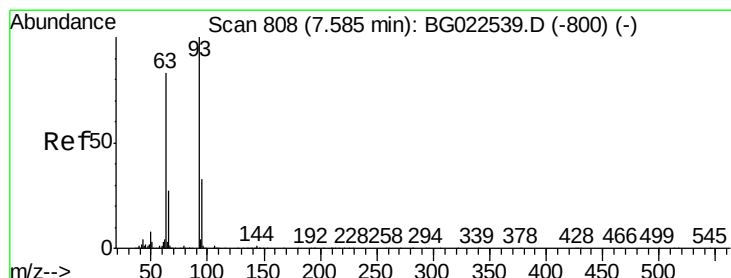
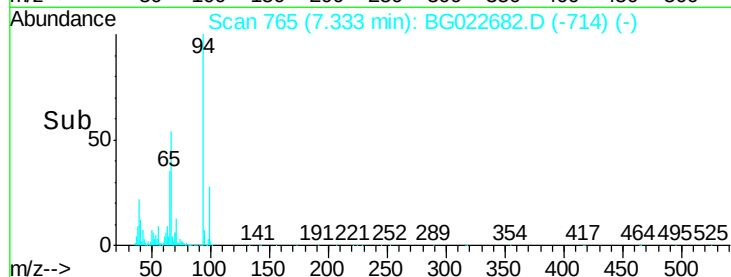
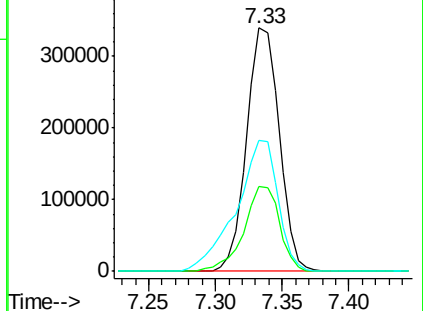
66 53.8 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 40.81 ng

RT: 7.57 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

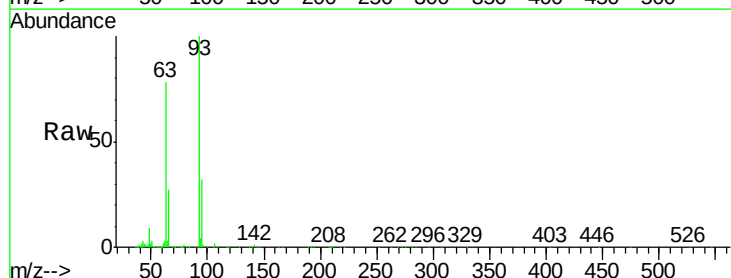
Tgt Ion: 93 Resp: 402745

Ion Ratio Lower Upper

93 100

63 78.0 55.0 95.0

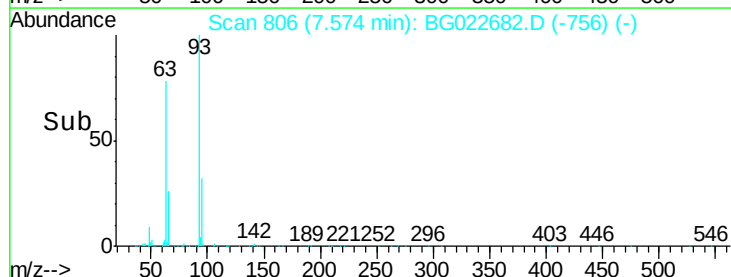
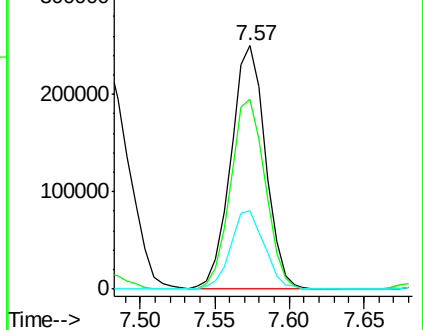
95 32.3 11.0 51.0

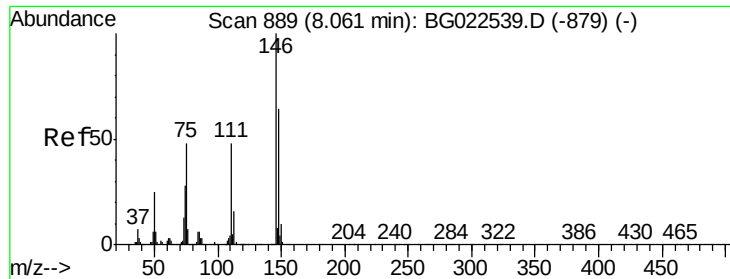


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

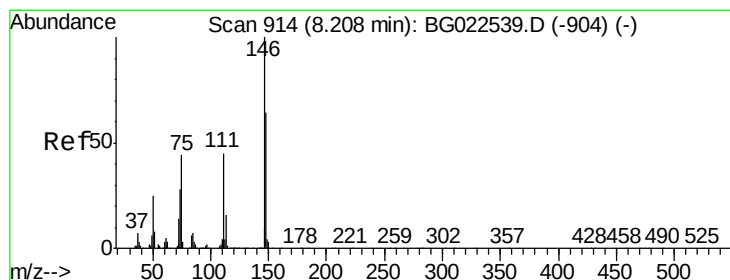
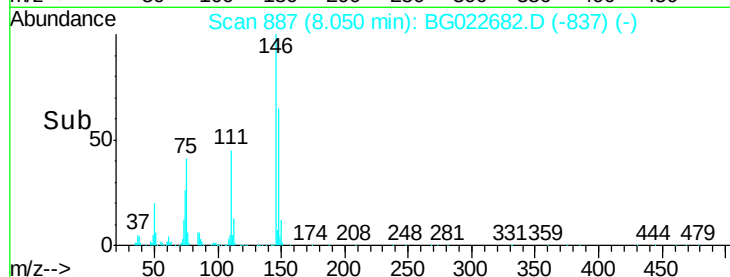
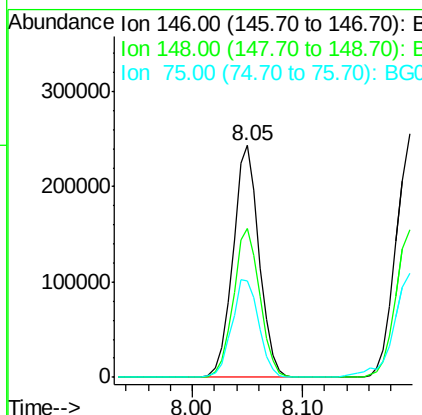
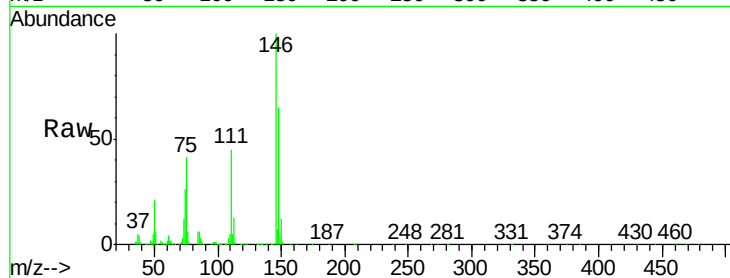




#12
 1,3-Dichlorobenzene
 Concen: 39.55 ng
 RT: 8.05 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG022682.D
 Acq: 28 Jun 2016 19:06

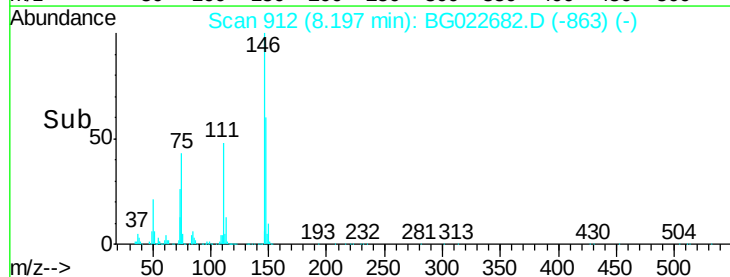
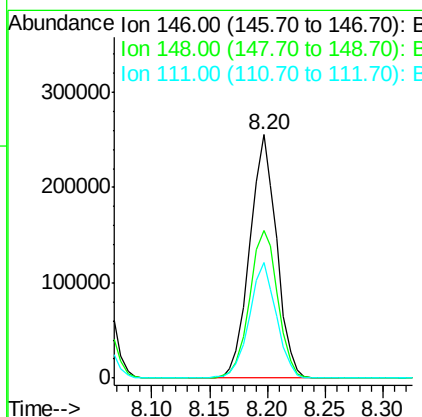
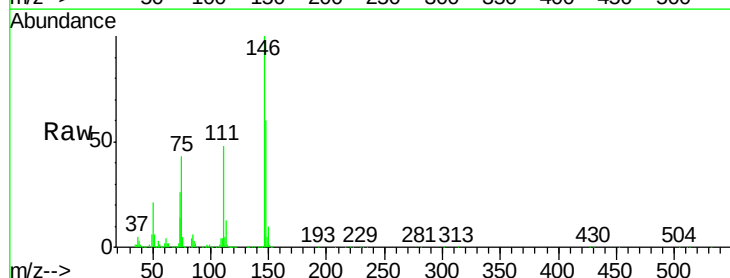
Instrument :
 BNA_G
 ClientSampleId :
 PB91516BS

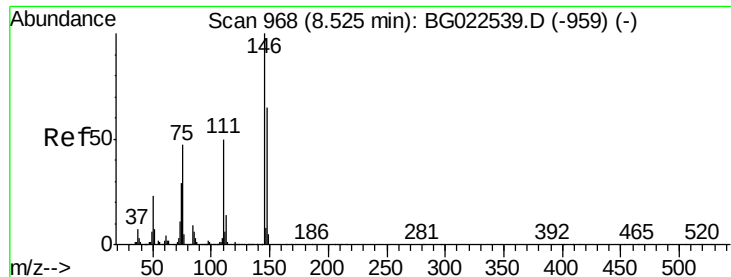
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
75	41.4	37.0	55.6



#13
 1,4-Dichlorobenzene
 Concen: 40.66 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG022682.D
 Acq: 28 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	54.5	81.7
111	47.7	37.8	56.8





#14

1,2-Dichlorobenzene

Concen: 40.70 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

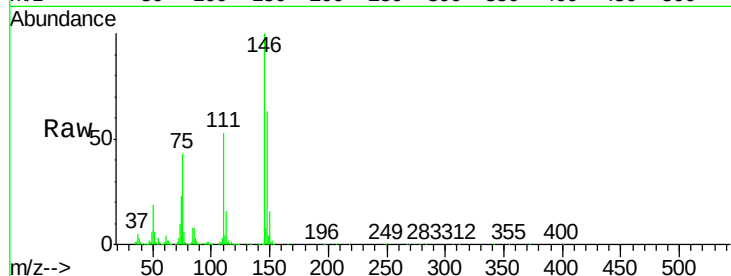
Tot Ion:146 Resp: 393608

Ion Ratio Lower Upper

146 100

148 62.8 52.9 79.3

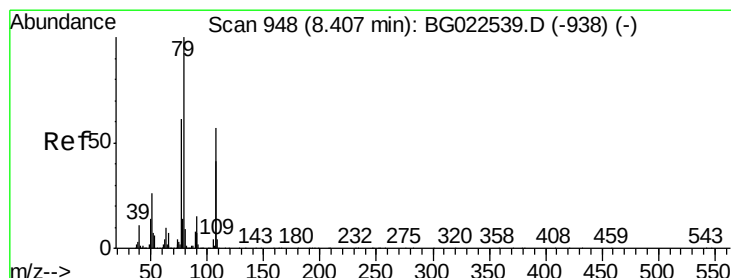
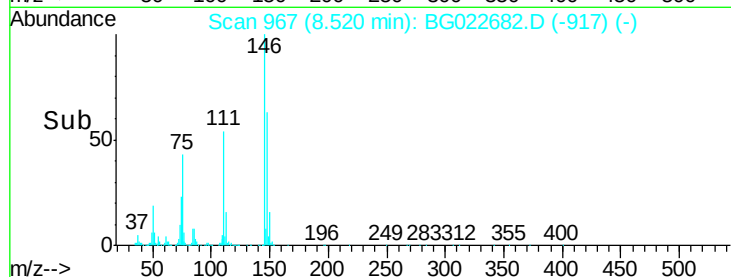
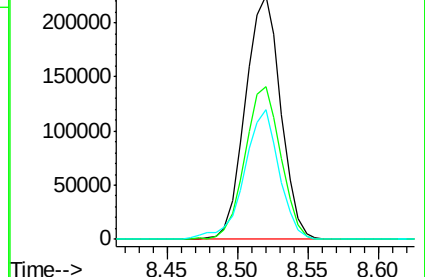
111 53.4 43.5 65.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 46.31 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

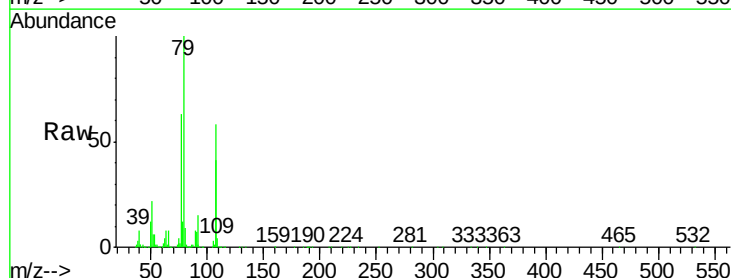
Tgt Ion: 79 Resp: 486029

Ion Ratio Lower Upper

79 100

108 58.3 46.5 69.7

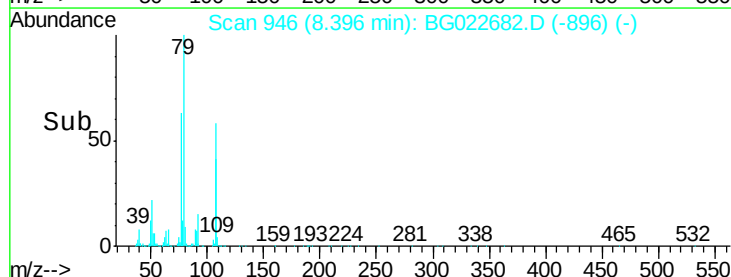
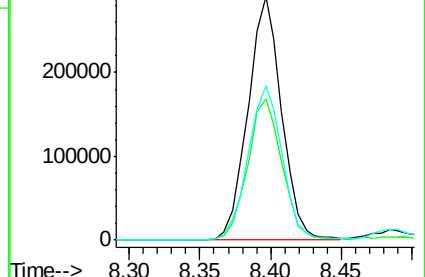
77 63.3 52.3 78.5

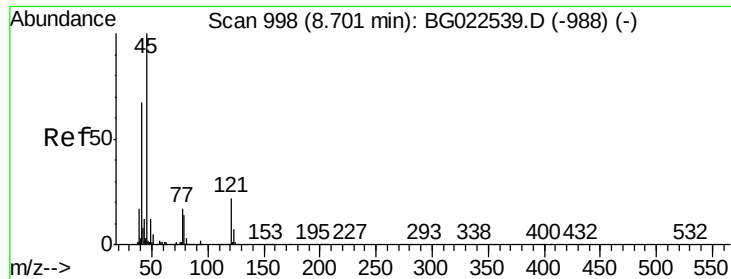


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

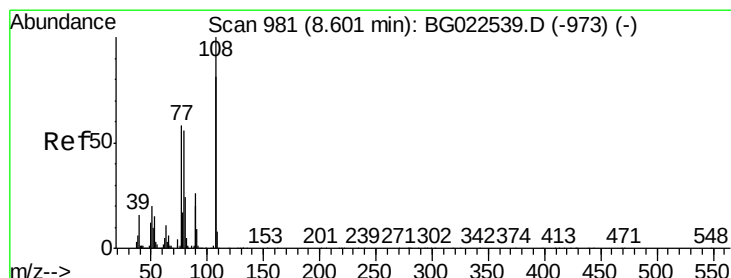
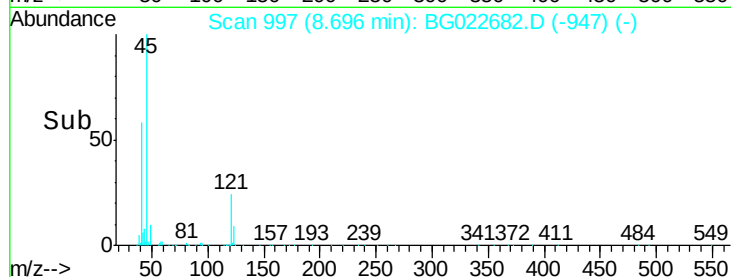
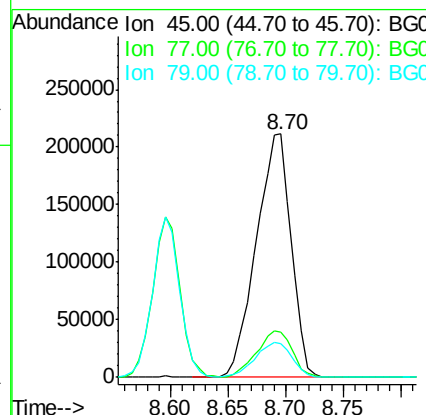
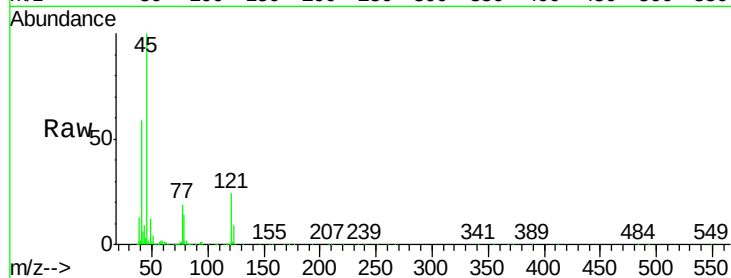




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.74 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

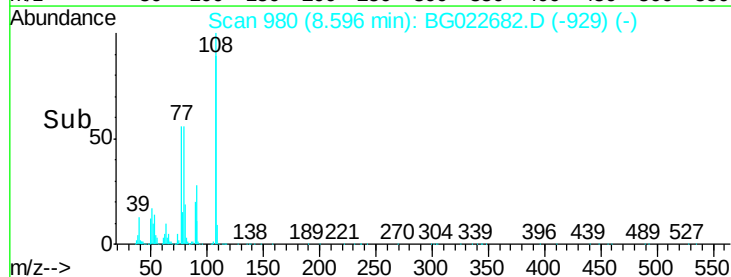
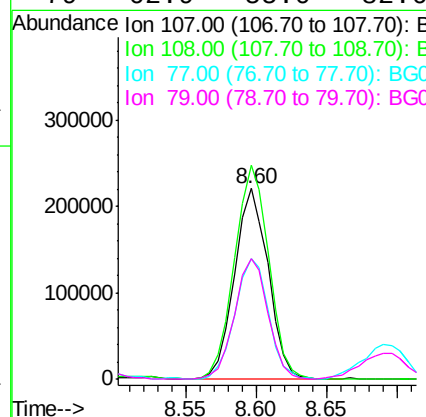
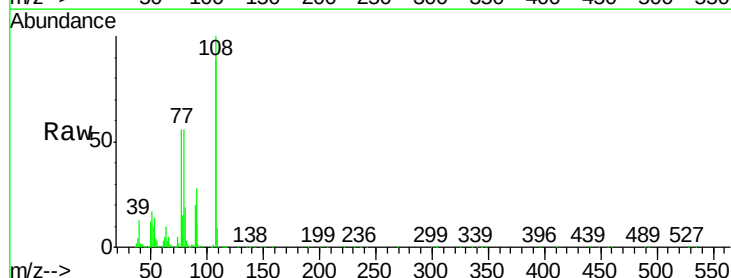
Instrument :
BNA_G
ClientSampleId :
PB91516BS

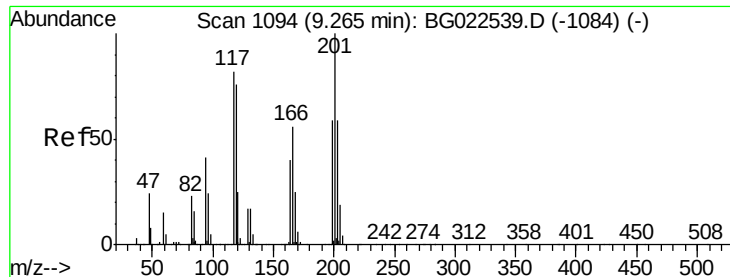
Tot Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.6	40.6
79	14.0	0.0	36.2



#17
2-Methylphenol
Concen: 46.13 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	92.0	138.0
77	63.0	55.8	83.6
79	62.9	55.0	82.6

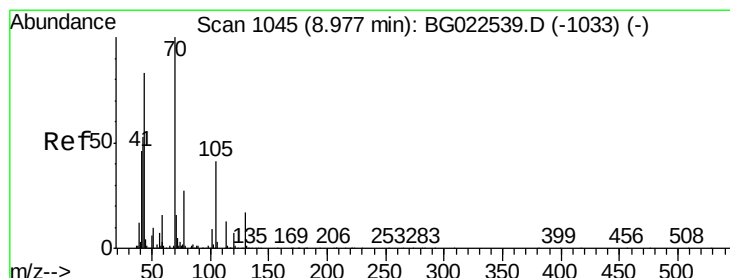
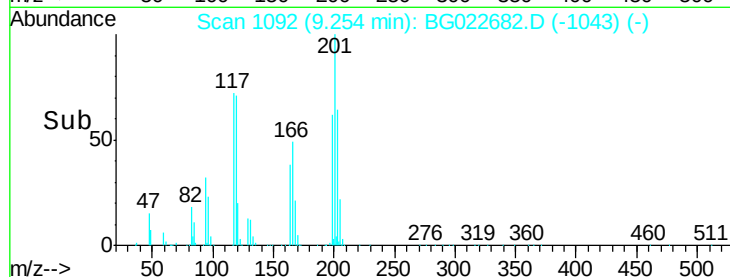
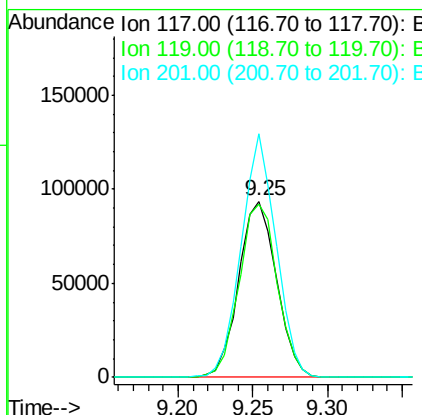
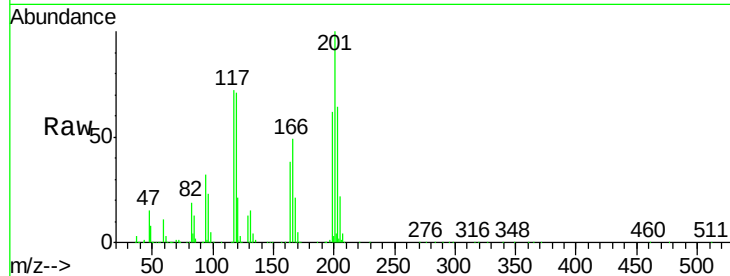




#18
Hexachloroethane
Concen: 39.01 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

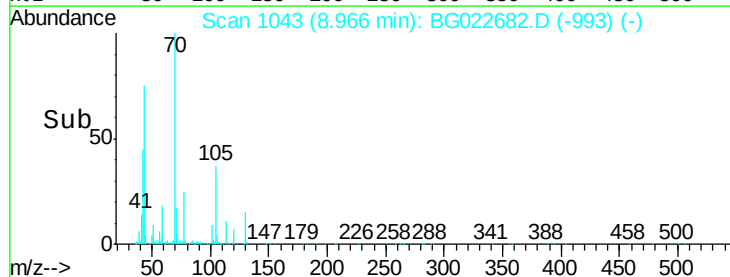
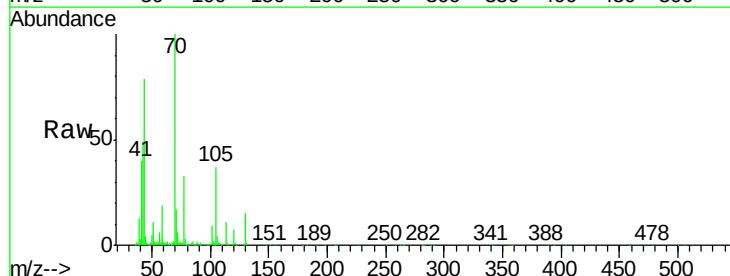
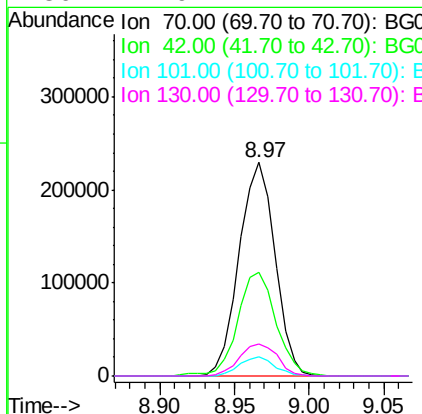
Instrument :
BNA_G
ClientSampleId :
PB91516BS

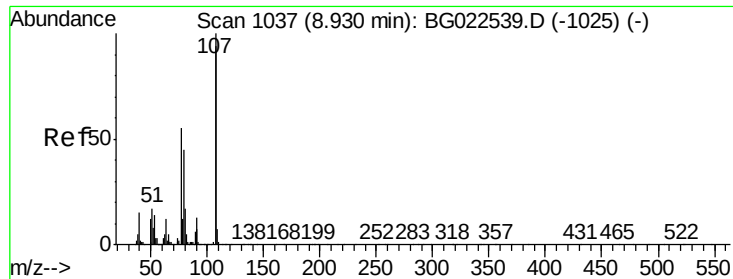
Tot Ion:117 Resp: 164212
Ion Ratio Lower Upper
117 100
119 98.6 73.7 110.5
201 138.4 88.7 133.1#



#19
n-Nitroso-di-n-propylamine
Concen: 40.53 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion: 70 Resp: 382919
Ion Ratio Lower Upper
70 100
42 48.8 42.1 63.1
101 9.2 7.2 10.8
130 14.9 14.2 21.2





#20

3+4-Methylphenols

Concen: 46.08 ng

RT: 8.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

Tot Ion:107 Resp: 501637

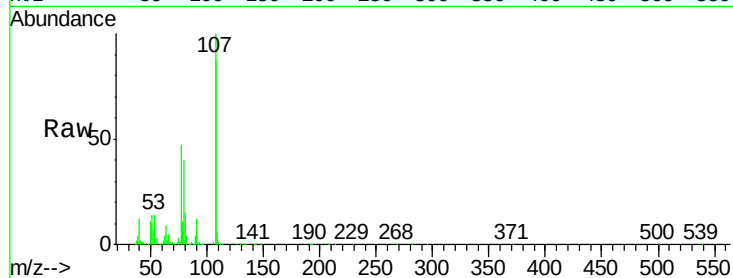
Ion Ratio Lower Upper

107 100

108 86.8 72.5 112.5

77 47.5 30.1 70.1

79 40.3 24.2 64.2

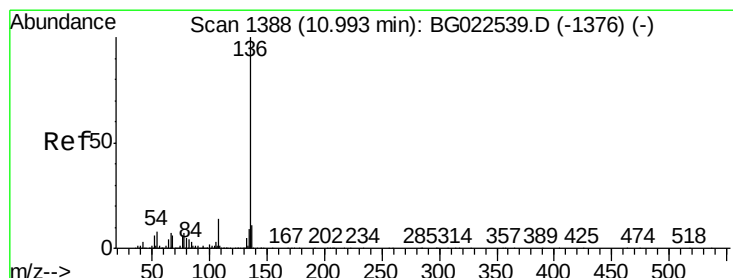
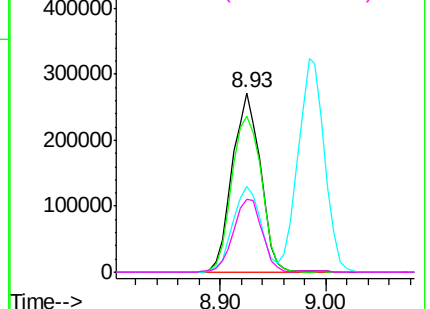
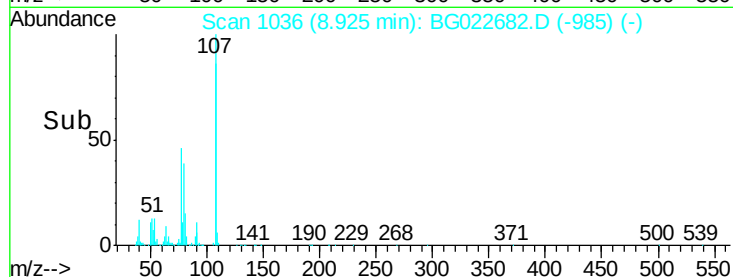


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Tgt Ion:136 Resp: 535752

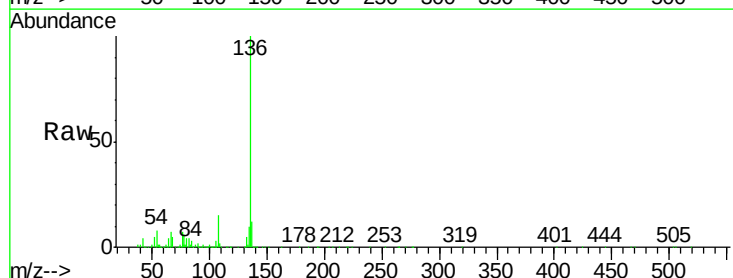
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 8.1 7.3 10.9

68 5.4 5.3 7.9

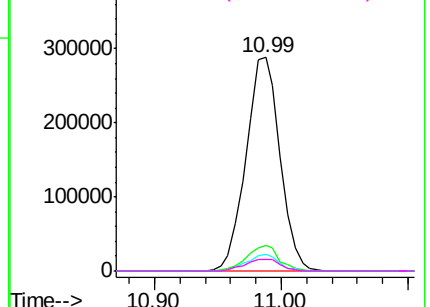
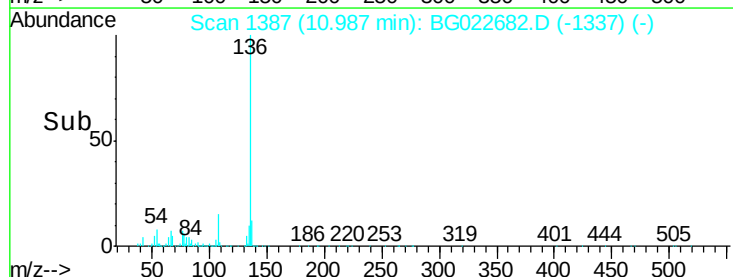


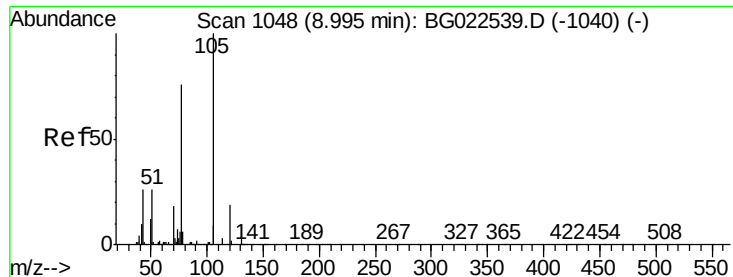
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 42.92 ng

RT: 8.99 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

Tot Ion:105 Resp: 664761

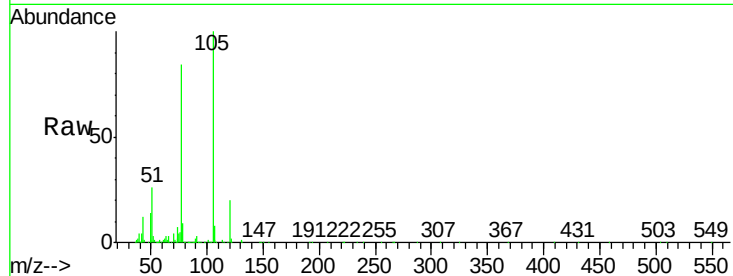
Ion Ratio Lower Upper

105 100

71 0.8 2.6 3.8#

51 26.0 27.1 40.7#

120 20.2 15.1 22.7

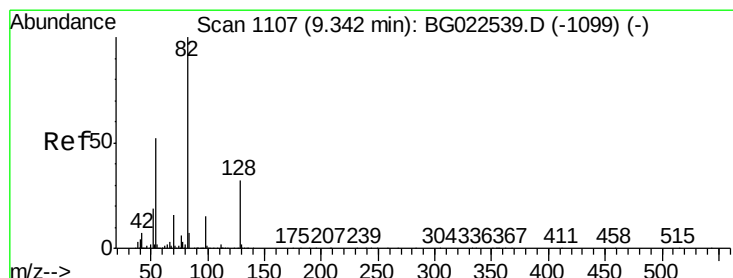
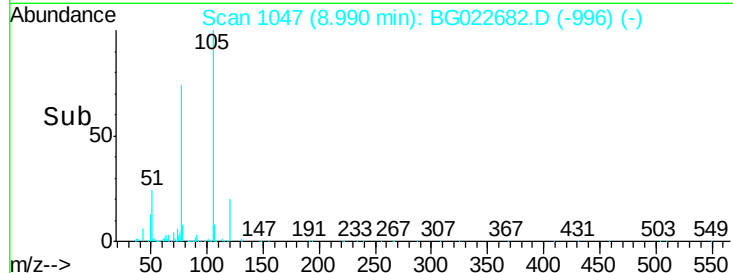
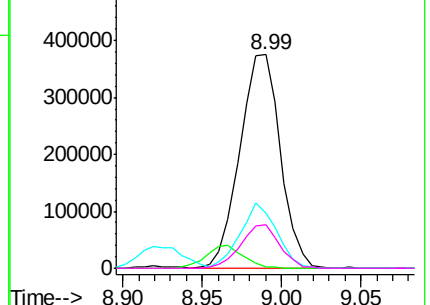


Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.66 ng

RT: 9.33 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

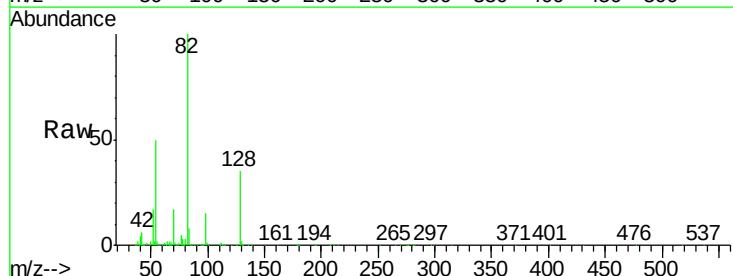
Tgt Ion: 82 Resp: 1096990

Ion Ratio Lower Upper

82 100

128 34.7 24.4 36.6

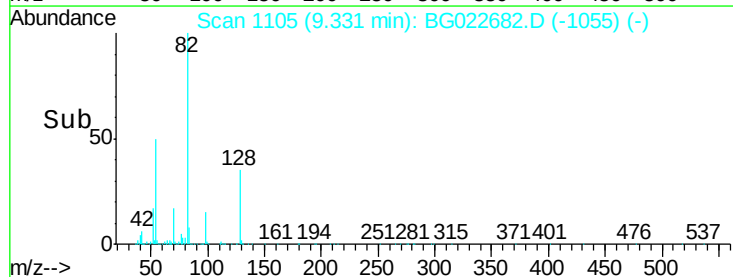
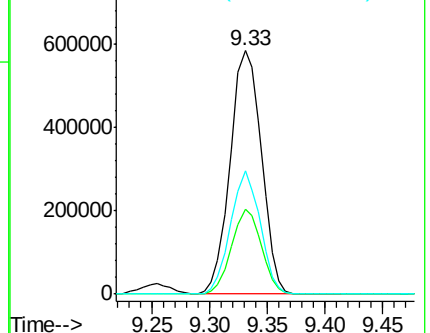
54 50.5 41.4 62.0

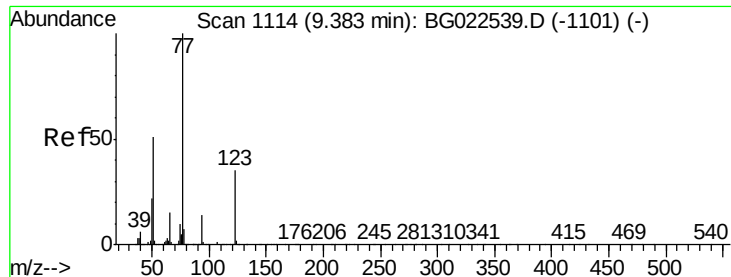


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

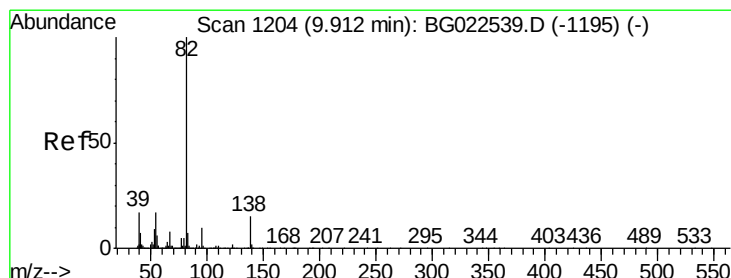
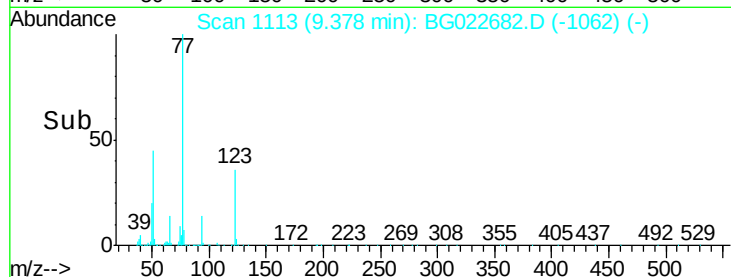
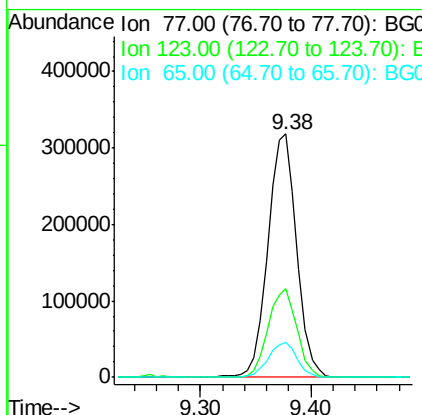
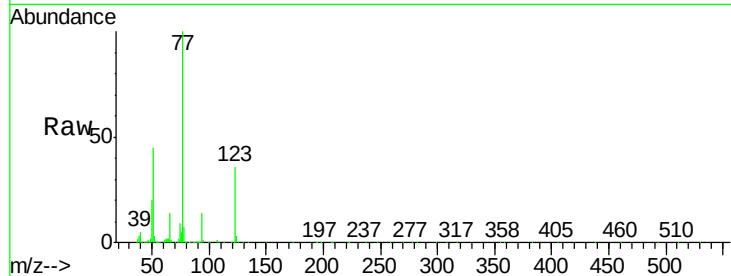




#24
Nitrobenzene
Concen: 41.25 ng
RT: 9.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

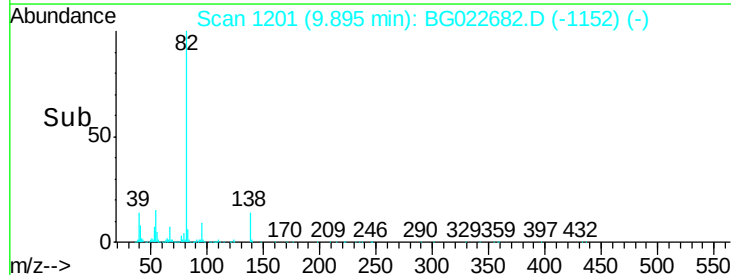
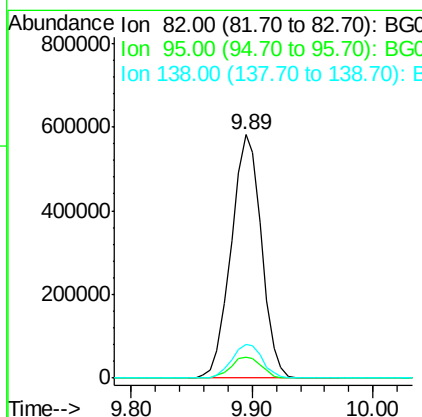
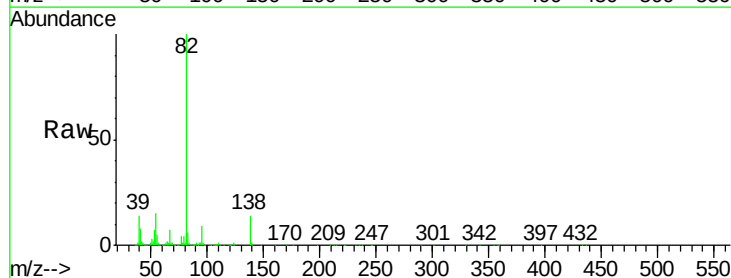
Instrument :
BNA_G
ClientSampleId :
PB91516BS

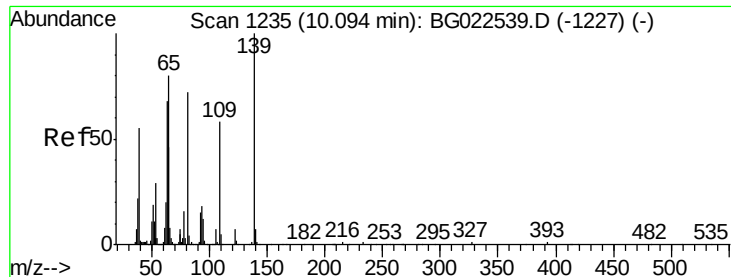
Tot Ion	Ratio	Lower	Upper
77	100		
123	36.4	25.0	37.6
65	14.4	13.4	20.0



#25
Isophorone
Concen: 41.20 ng
RT: 9.89 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.7	8.2	12.2
138	13.7	10.7	16.1

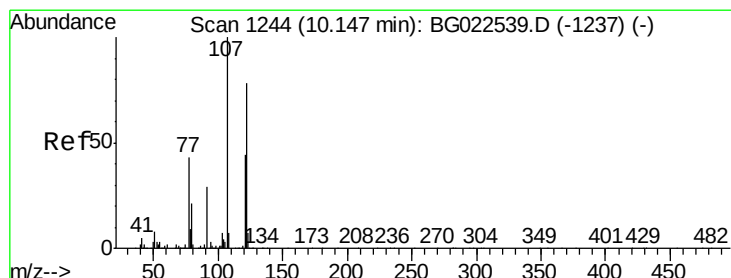
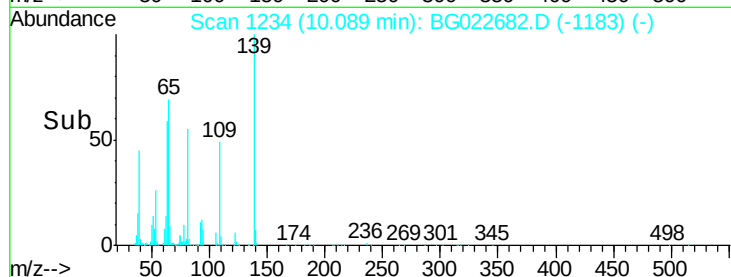
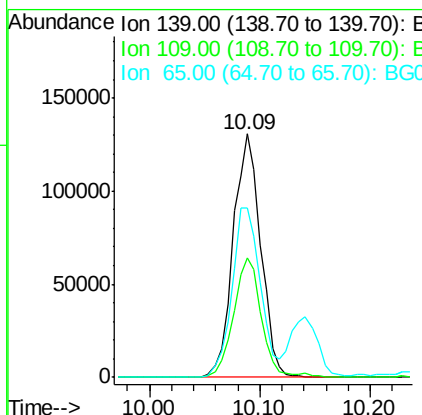
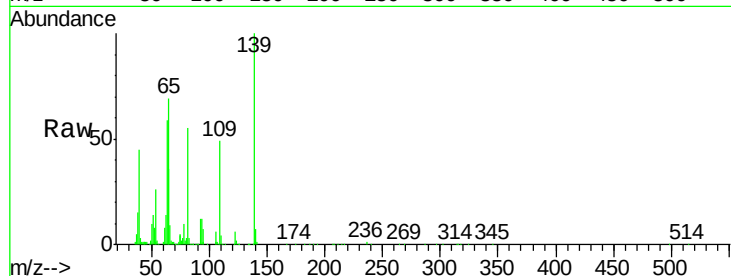




#26
2-Nitrophenol
Concen: 45.28 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

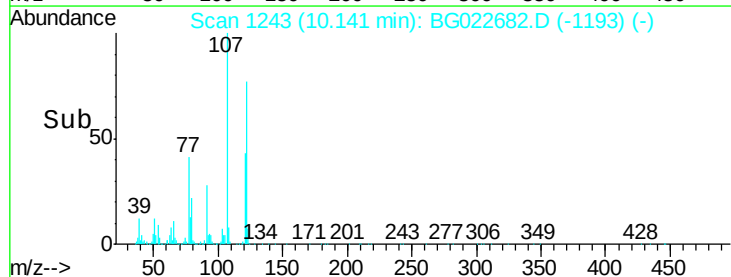
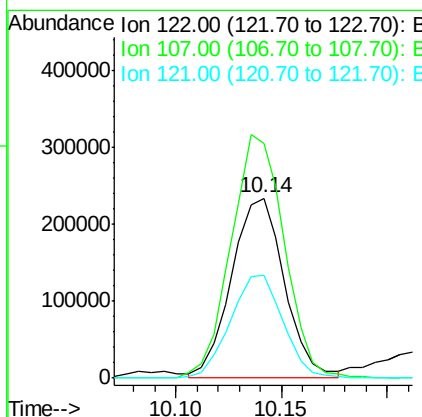
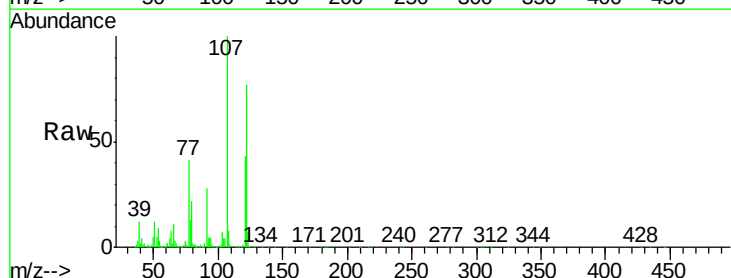
Instrument :
BNA_G
ClientSampleId :
PB91516BS

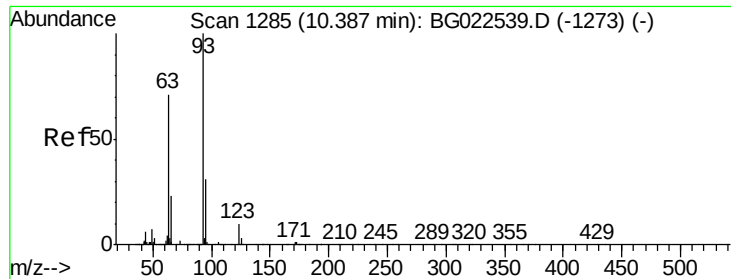
Tot Ion	Ratio	Lower	Upper
139	100		
109	48.9	43.5	65.3
65	69.3	64.3	96.5



#27
2,4-Dimethylphenol
Concen: 42.24 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.6	117.0	175.4
121	56.8	50.1	75.1

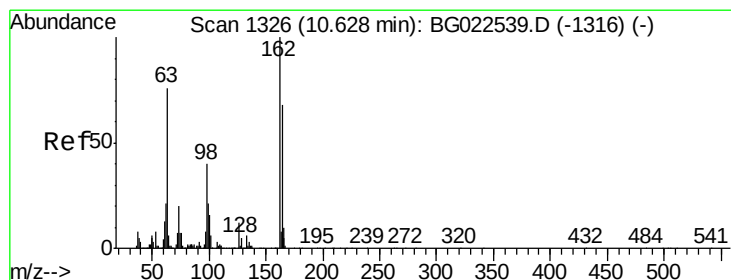
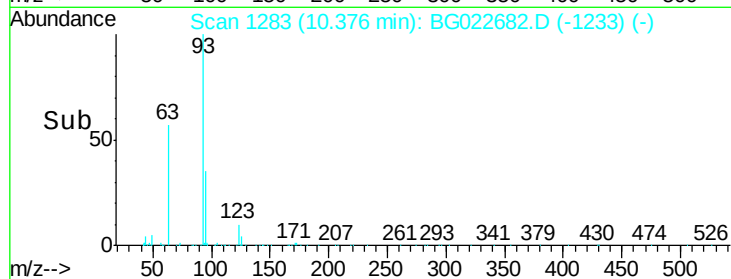
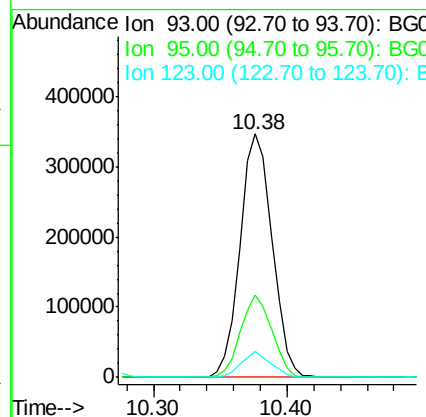
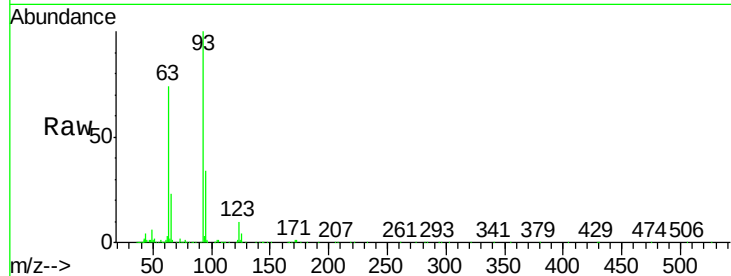




#28
bis(2-Chloroethoxy)methane
Concen: 42.87 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

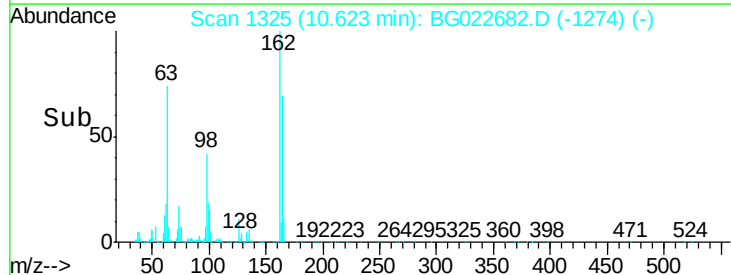
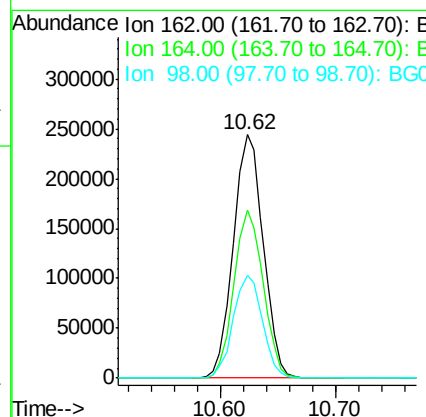
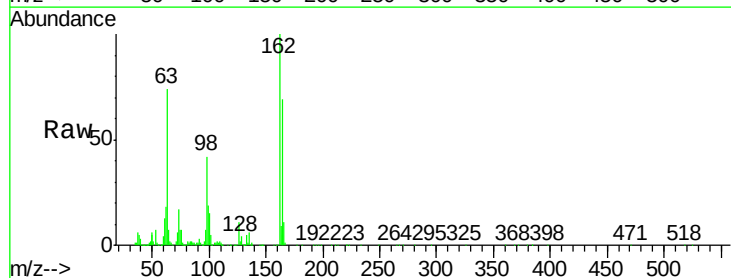
Instrument :
BNA_G
ClientSampleId :
PB91516BS

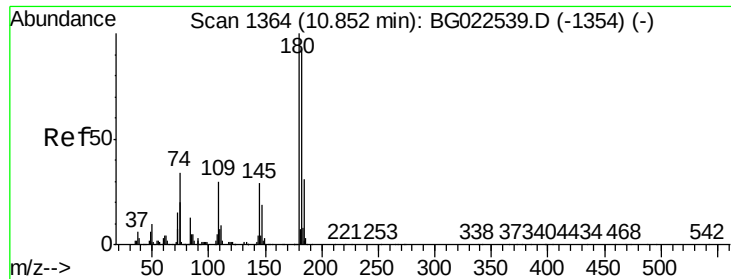
Tot Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.4	38.2
123	10.5	8.2	12.2



#29
2,4-Dichlorophenol
Concen: 46.89 ng
RT: 10.62 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.1	44.3	84.3
98	42.1	19.5	59.5

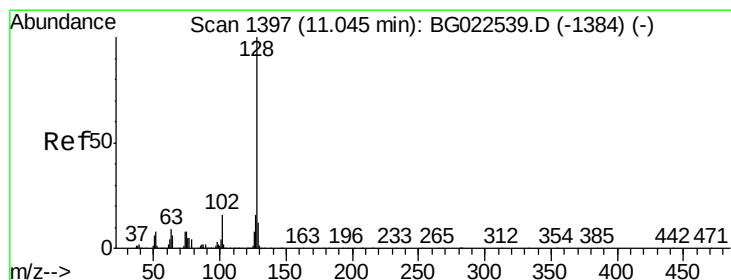
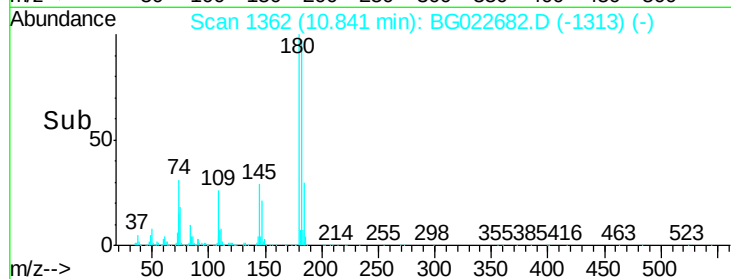
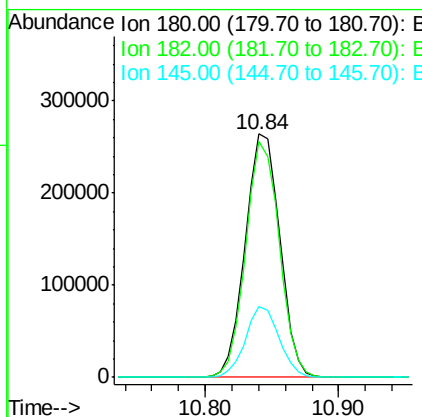
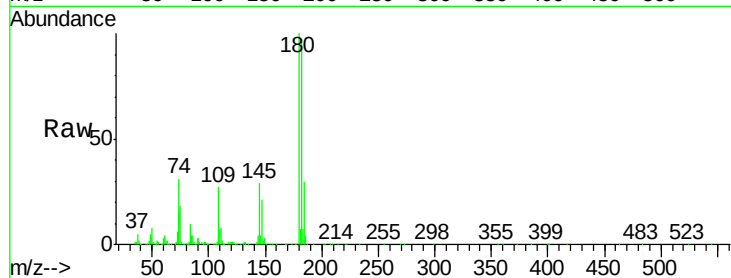




#30
1,2,4-Trichlorobenzene
Concen: 42.46 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

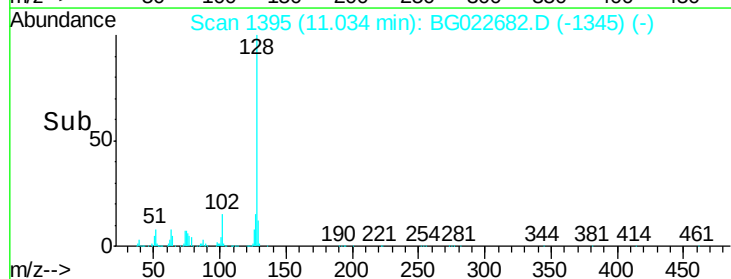
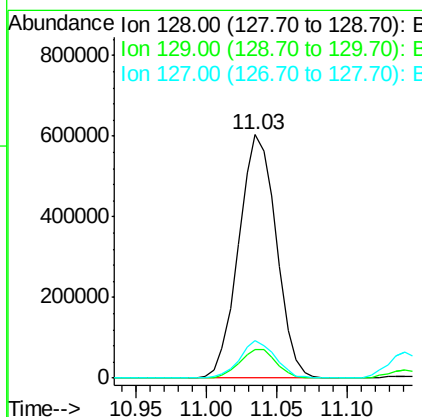
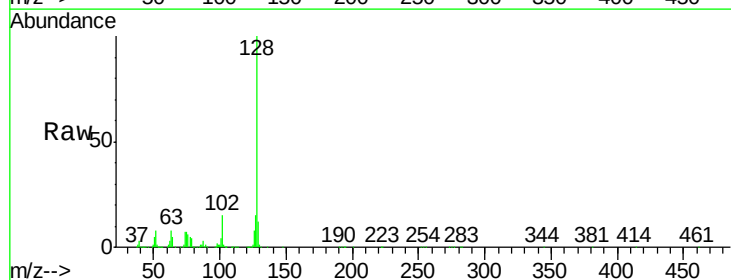
Instrument :
BNA_G
ClientSampleId :
PB91516BS

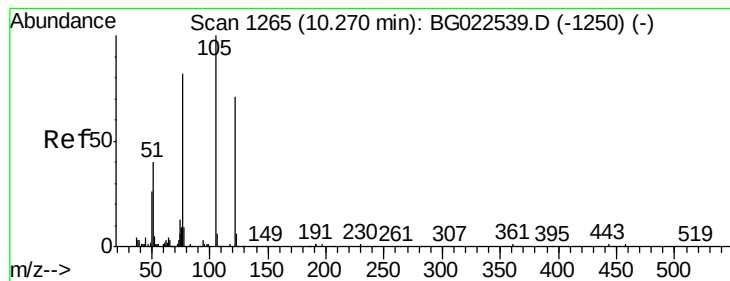
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	73.8	110.8
145	29.2	24.4	36.6



#31
Naphthalene
Concen: 41.77 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	15.3	11.3	16.9





#32

Benzoic acid

Concen: 48.33 ng

RT: 10.27 min Scan# 1265

Delta R.T. 0.07 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

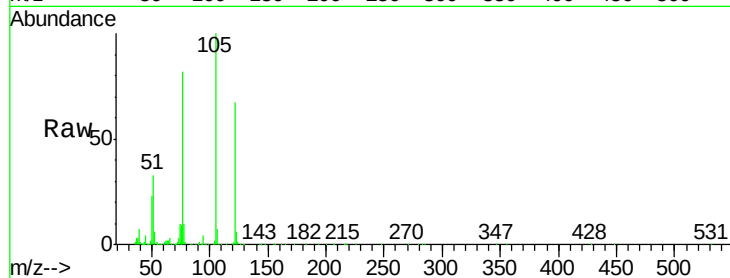
Tot Ion:122 Resp: 304461

Ion Ratio Lower Upper

122 100

105 148.3 117.2 157.2

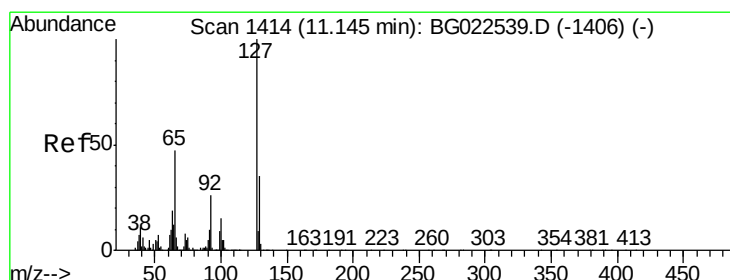
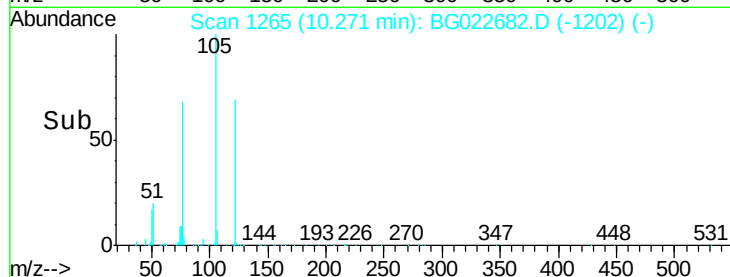
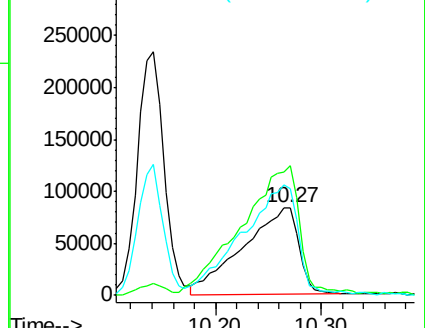
77 121.2 109.2 149.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 10.51 ng

RT: 11.14 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Tgt Ion:127 Resp: 121896

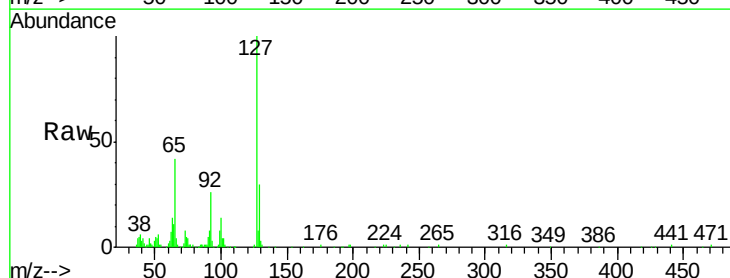
Ion Ratio Lower Upper

127 100

129 30.2 27.9 41.9

65 42.0 36.8 55.2

92 25.7 21.0 31.6

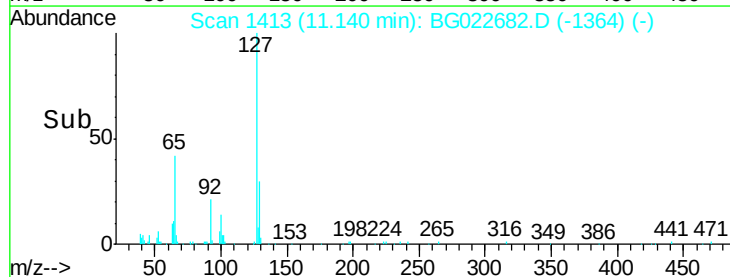
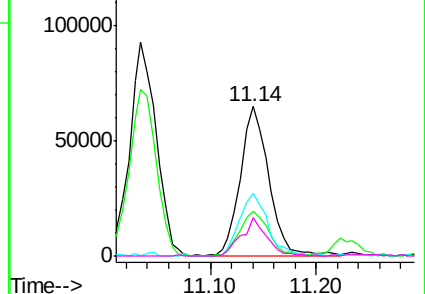


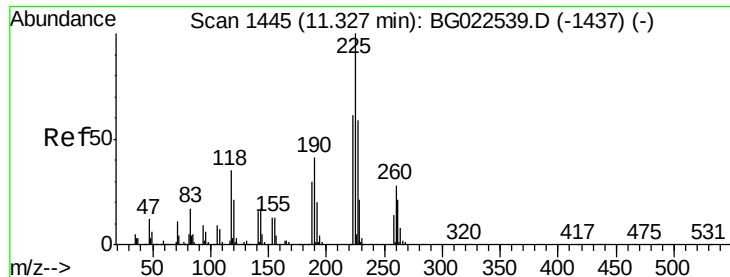
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 40.64 ng

RT: 11.32 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

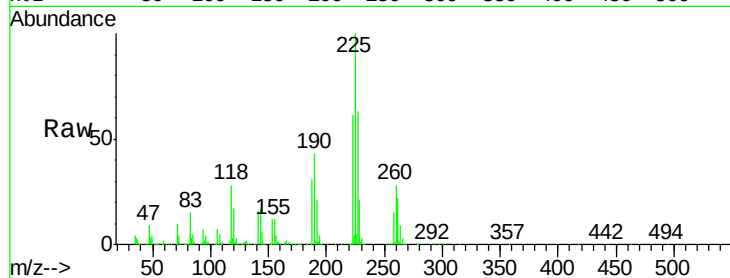
Tot Ion:225 Resp: 351787

Ion Ratio Lower Upper

225 100

223 61.2 49.6 74.4

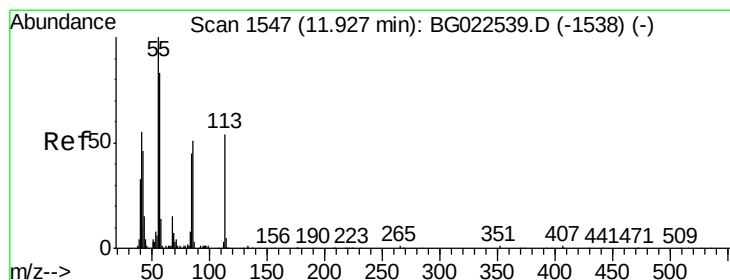
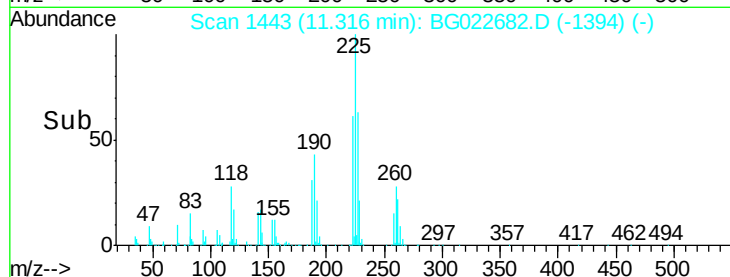
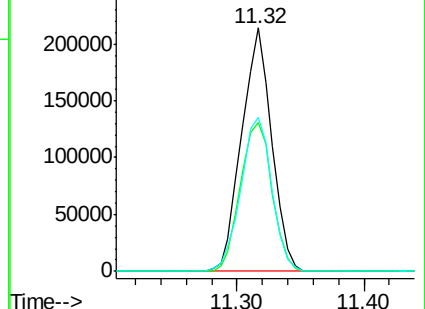
227 63.0 54.5 81.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 53.38 ng m

RT: 11.91 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

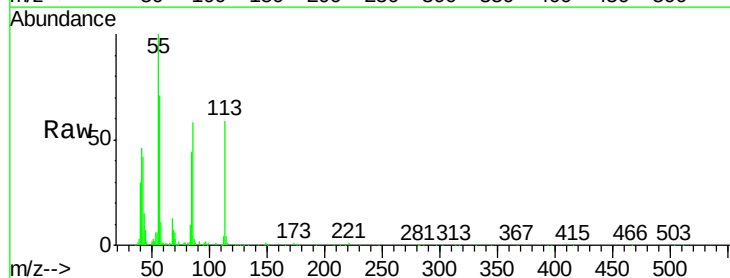
Tgt Ion:113 Resp: 157746

Ion Ratio Lower Upper

113 100

55 169.5 154.5 194.5

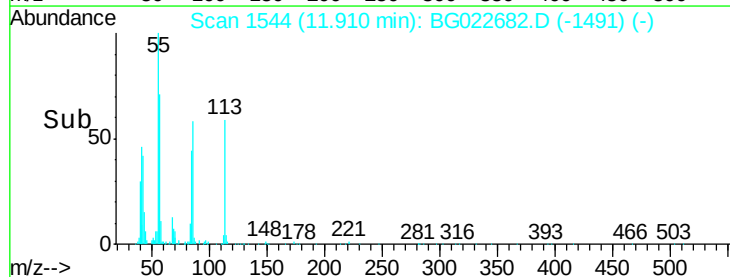
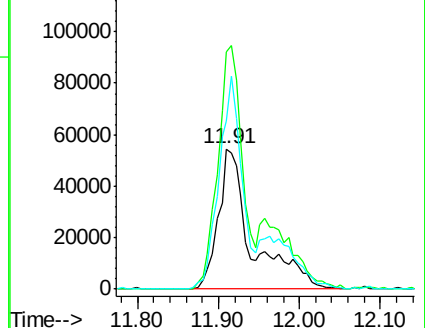
56 120.1 125.1 165.1#

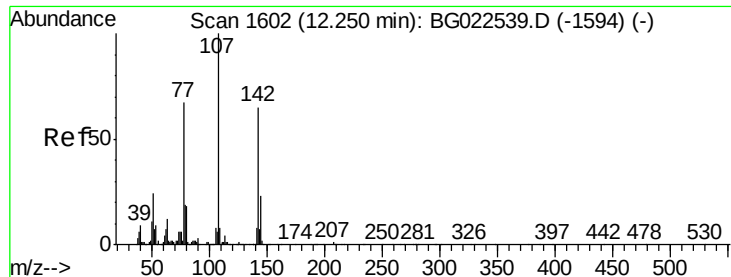


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

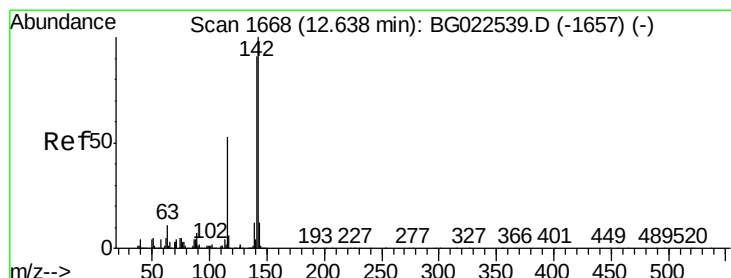
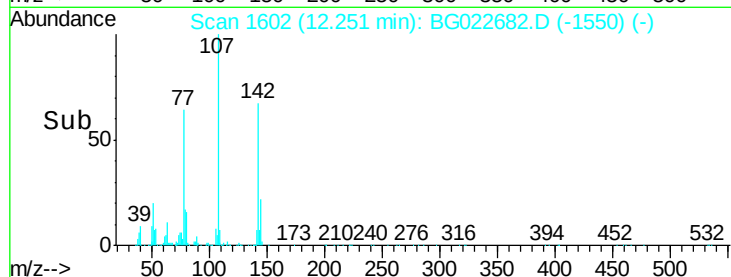
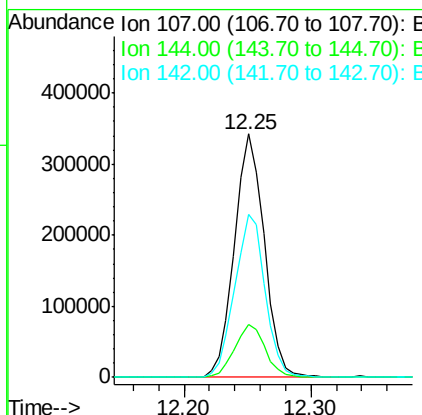
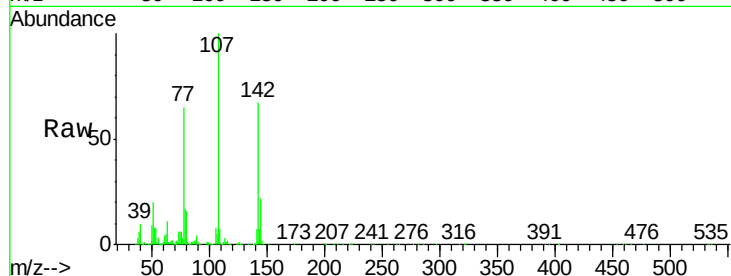




#36
4-Chloro-3-methylphenol
Concen: 48.39 ng
RT: 12.25 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

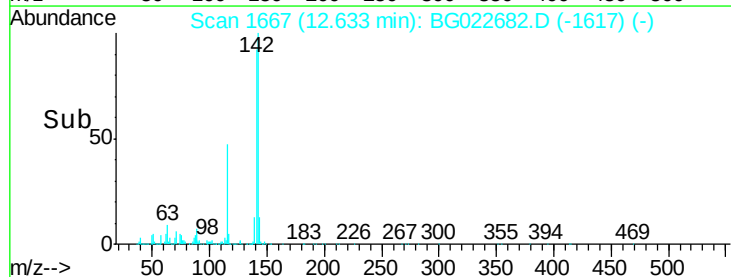
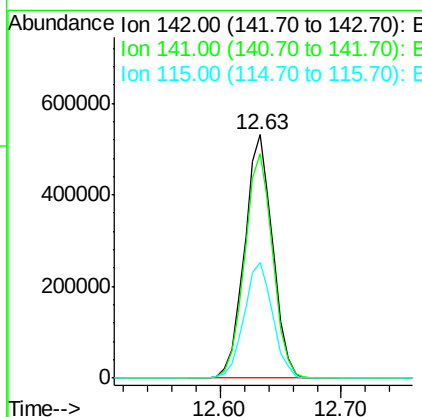
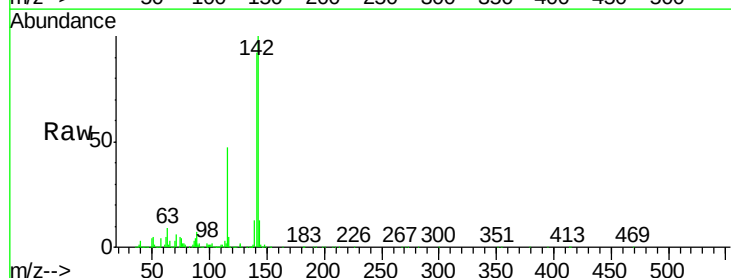
Instrument :
BNA_G
ClientSampleId :
PB91516BS

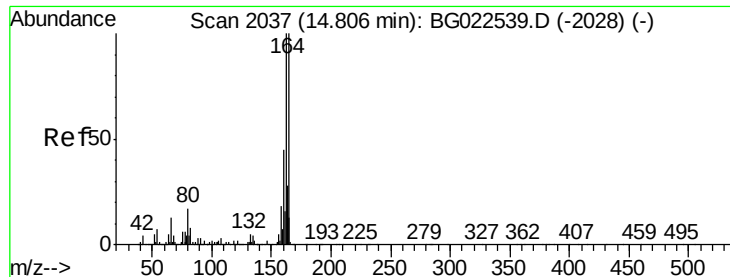
Tot Ion:107 Resp: 557166
Ion Ratio Lower Upper
107 100
144 21.6 17.0 25.6
142 66.8 53.0 79.6



#37
2-Methylnaphthalene
Concen: 40.93 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion:142 Resp: 854848
Ion Ratio Lower Upper
142 100
141 92.2 70.2 105.2
115 47.3 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

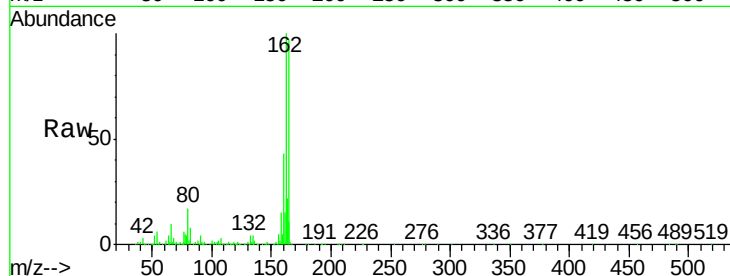
Tot Ion:164 Resp: 388104

Ion Ratio Lower Upper

164 100

162 102.8 87.7 131.5

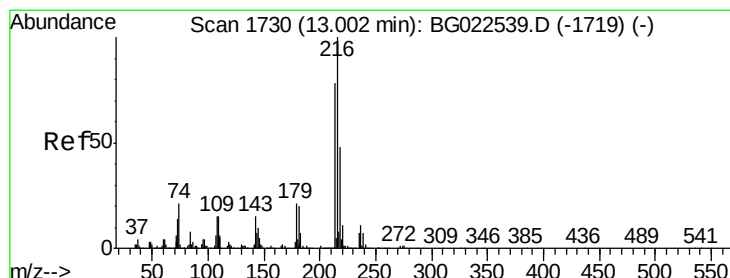
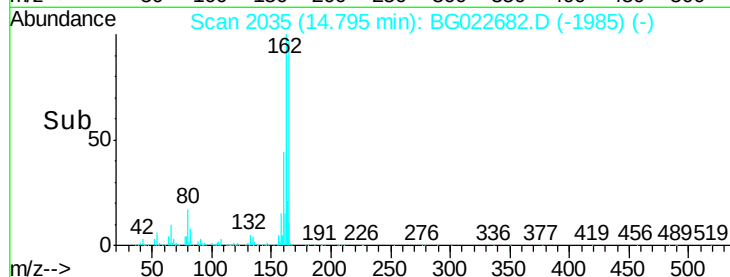
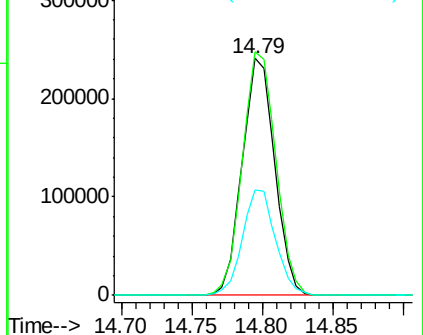
160 44.7 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.42 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Tgt Ion:216 Resp: 606848

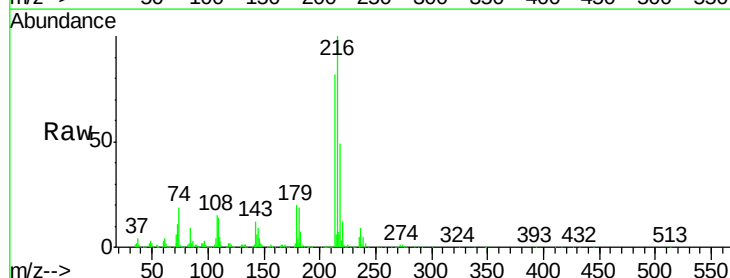
Ion Ratio Lower Upper

216 100

214 79.1 62.9 94.3

179 20.9 17.2 25.8

108 19.4 16.3 24.5

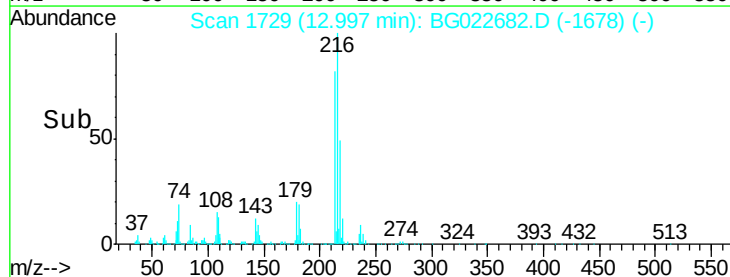
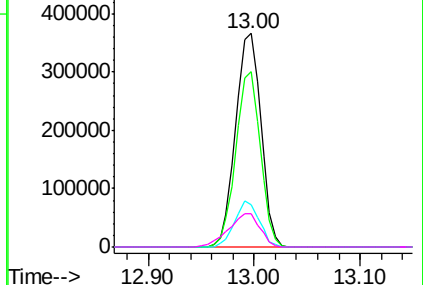


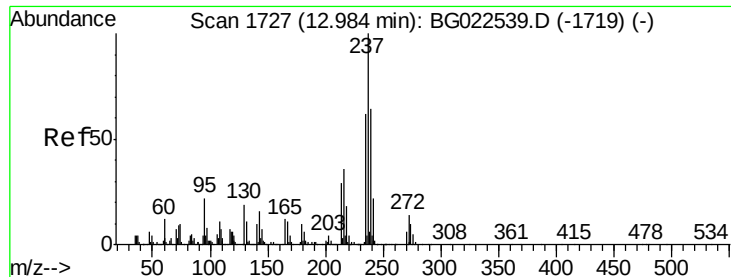
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 70.64 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

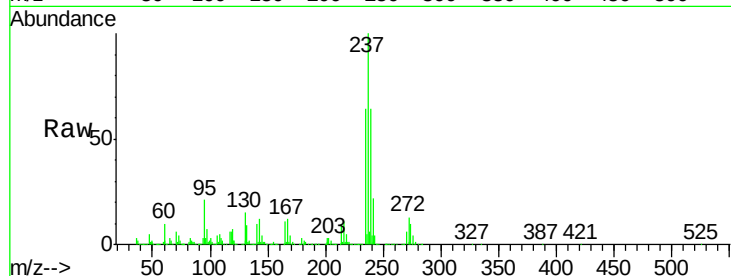
Tot Ion:237 Resp: 826272

Ion Ratio Lower Upper

237 100

235 63.9 43.1 83.1

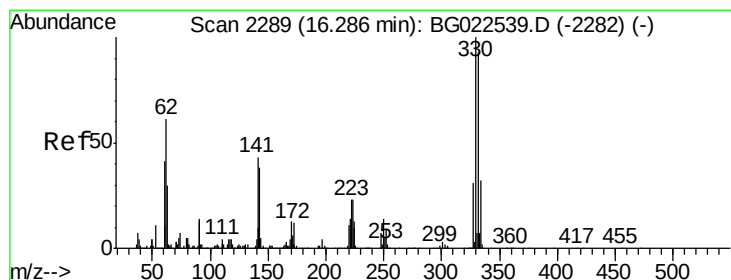
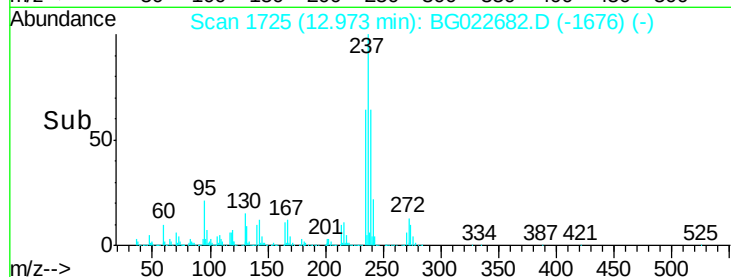
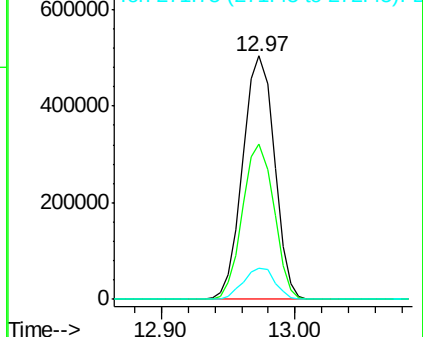
272 12.6 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 145.41 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

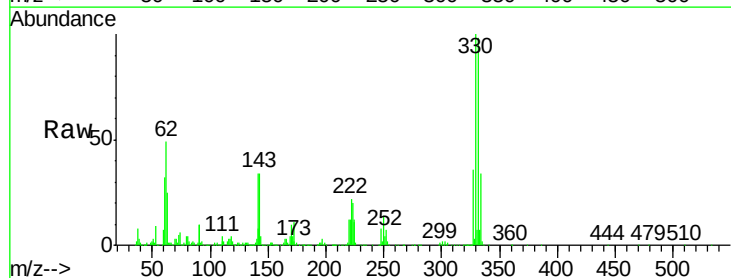
Tgt Ion:330 Resp: 887646

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

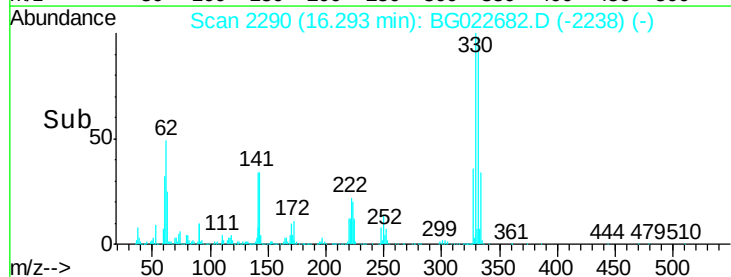
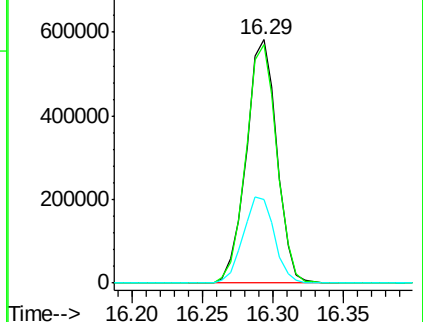
141 36.0 31.7 47.5

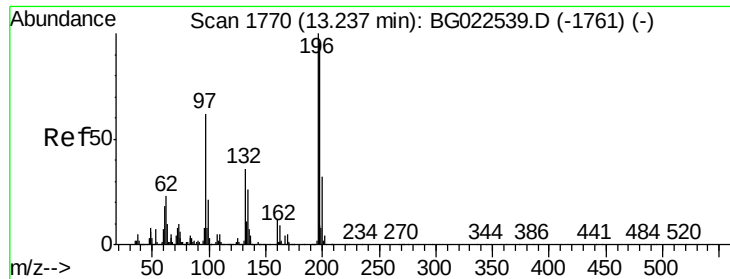


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 45.29 ng

RT: 13.23 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

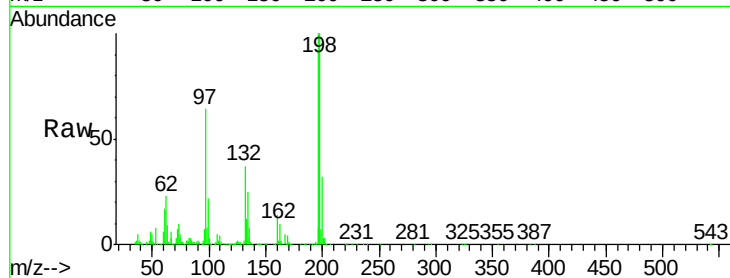
Tot Ion:196 Resp: 425488

Ion Ratio Lower Upper

196 100

198 99.9 78.2 117.2

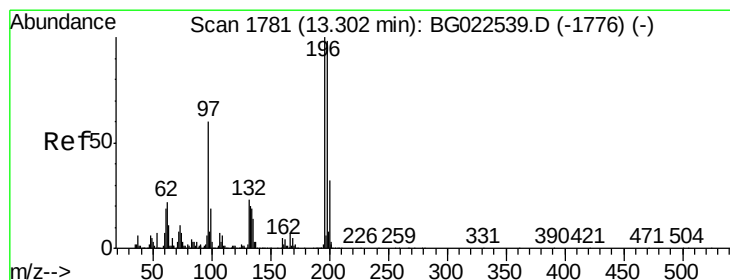
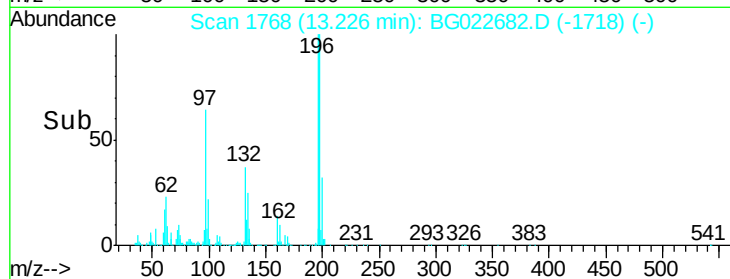
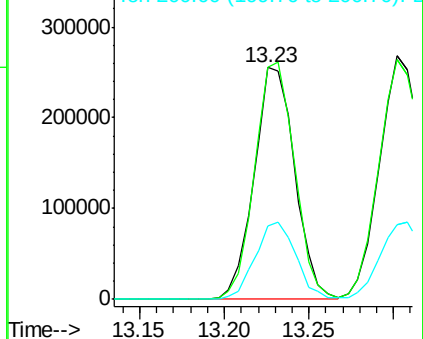
200 31.8 27.0 40.4



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: 46.99 ng

RT: 13.30 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Tgt Ion:196 Resp: 461941

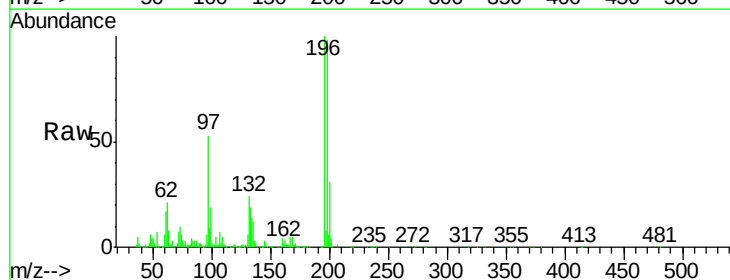
Ion Ratio Lower Upper

196 100

198 98.4 85.7 128.5

97 53.3 45.5 68.3

132 23.8 18.9 28.3

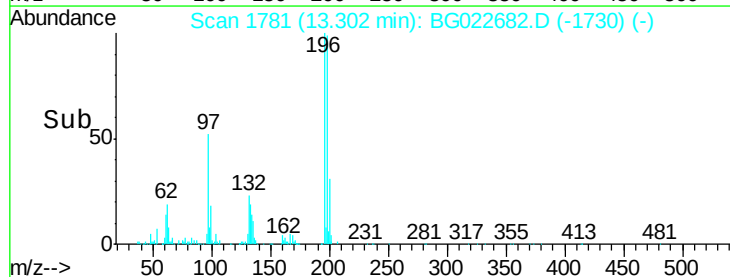
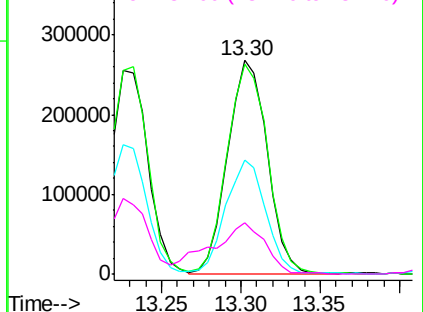


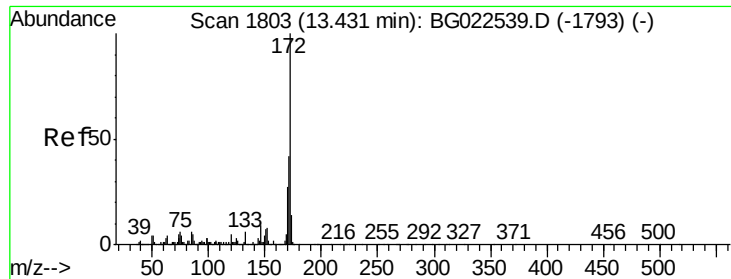
Abundance Ion 196.00 (195.70 to 196.70): E

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



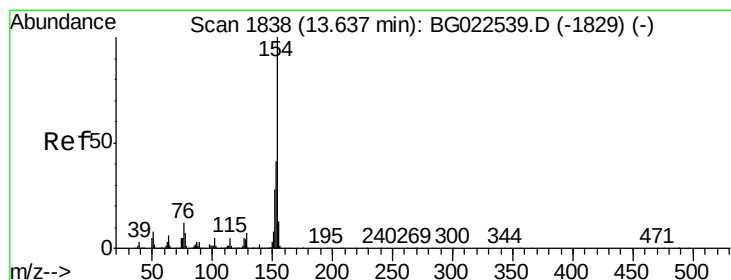
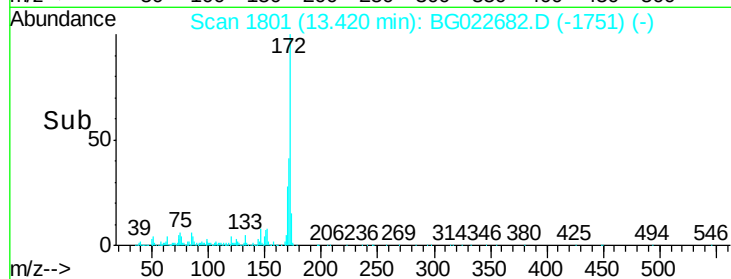
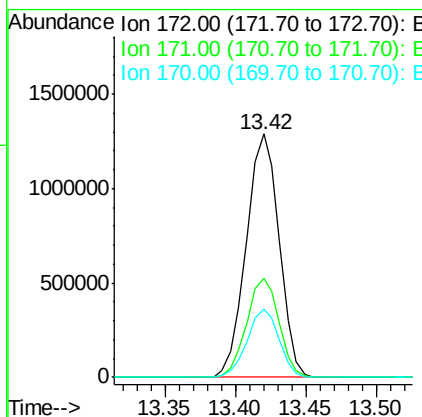
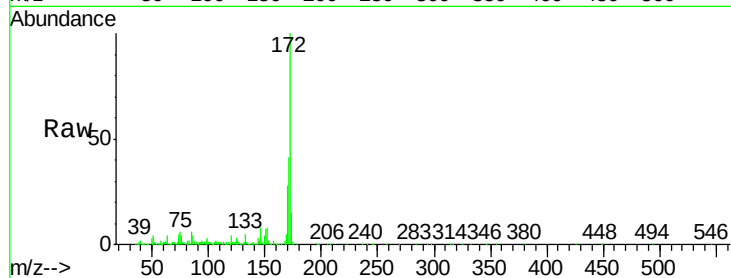


#44
2-Fluorobiphenyl
Concen: 86.11 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Instrument :
BNA_G
ClientSampleId :
PB91516BS

Tot Ion:172 Resp: 2107432

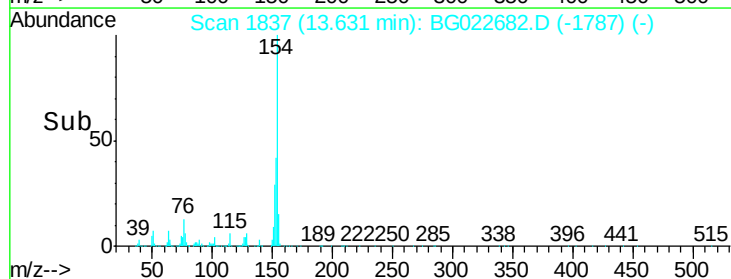
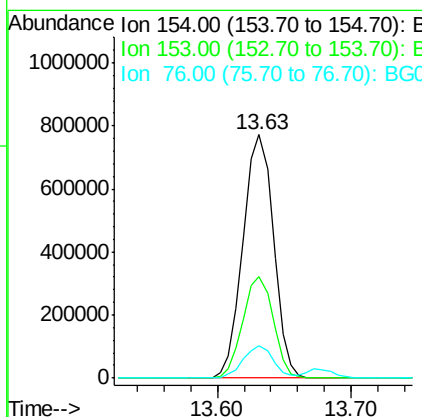
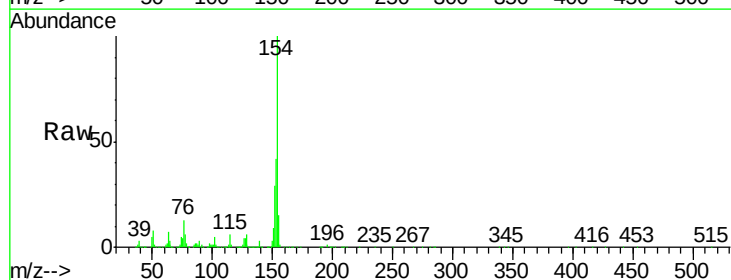
Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.6	47.4
170	27.9	21.3	31.9

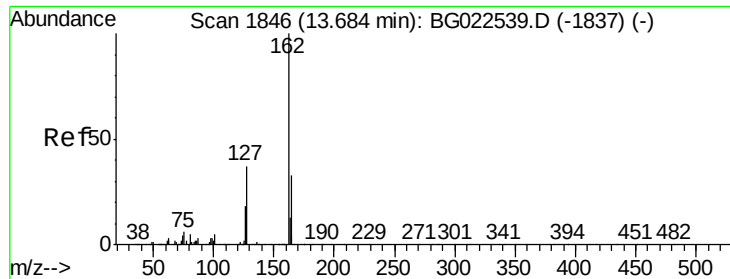


#45
1,1'-Biphenyl
Concen: 41.26 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion:154 Resp: 1219803

Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.2	60.2
76	13.3	0.0	32.9

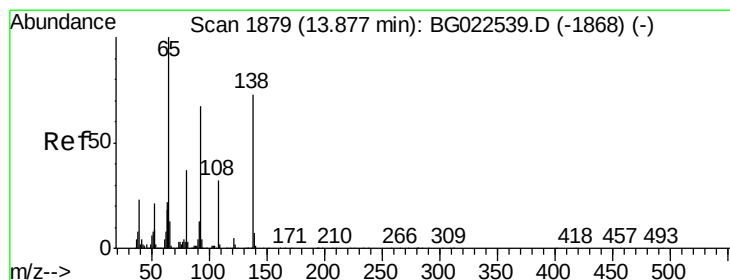
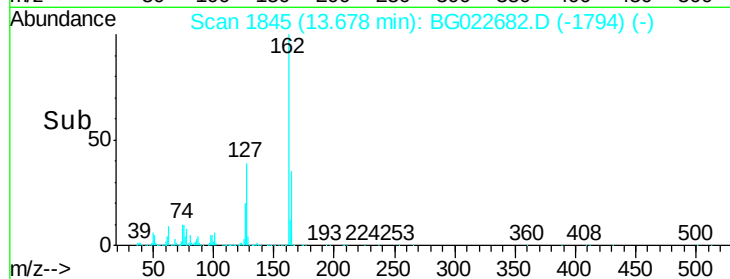
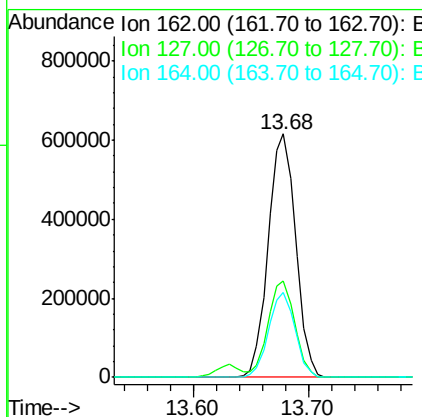
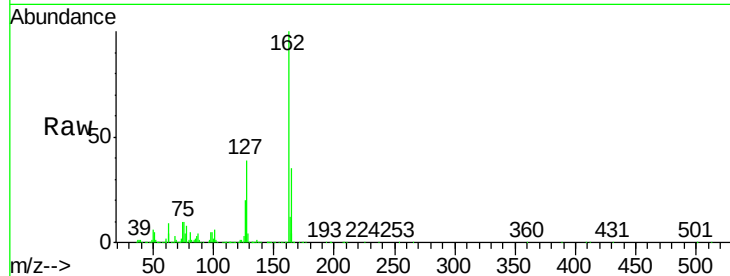




#46
2-Chloronaphthalene
Concen: 42.03 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

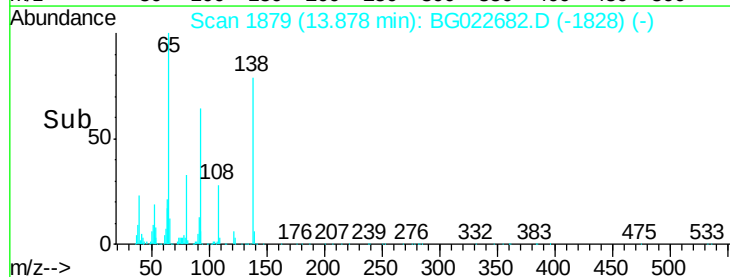
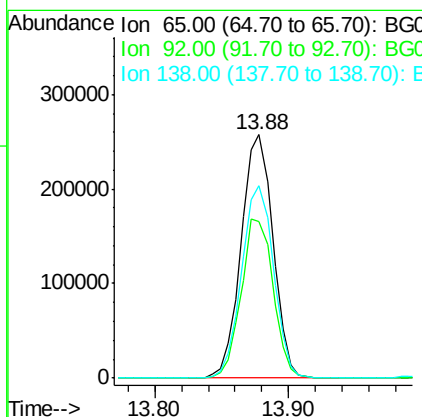
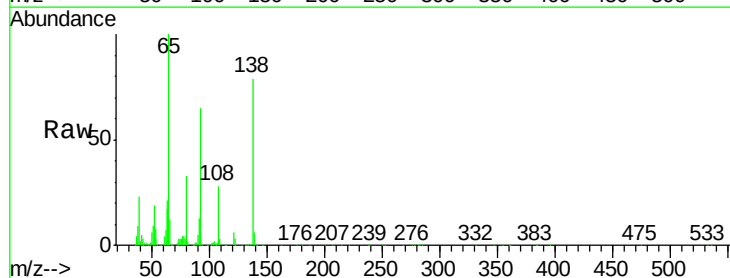
Instrument :
BNA_G
ClientSampleId :
PB91516BS

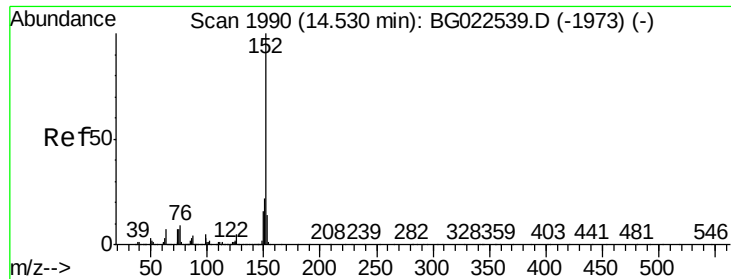
Tot Ion:162 Resp: 1022452
Ion Ratio Lower Upper
162 100
127 39.5 32.4 48.6
164 34.7 25.2 37.8



#47
2-Nitroaniline
Concen: 45.22 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion: 65 Resp: 424568
Ion Ratio Lower Upper
65 100
92 64.5 49.4 74.0
138 79.1 58.0 87.0





#48

Acenaphthylene

Concen: 42.57 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

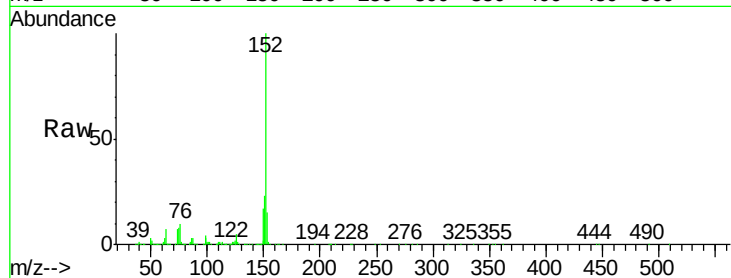
Tot Ion:152 Resp: 1502172

Ion Ratio Lower Upper

152 100

151 23.0 17.6 26.4

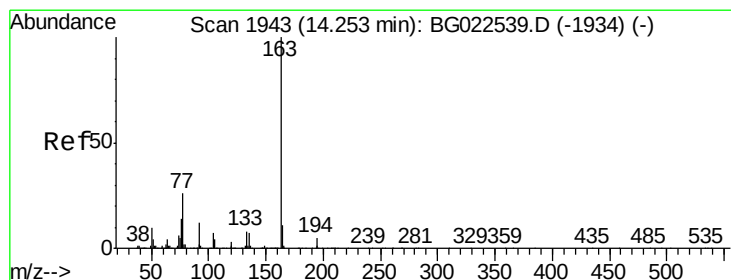
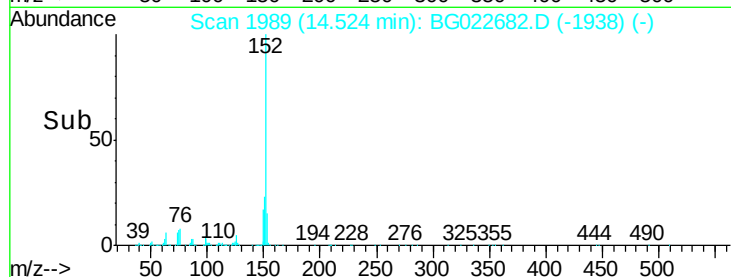
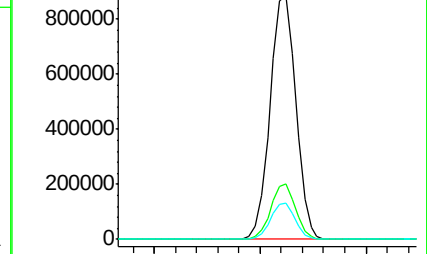
153 15.2 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.89 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

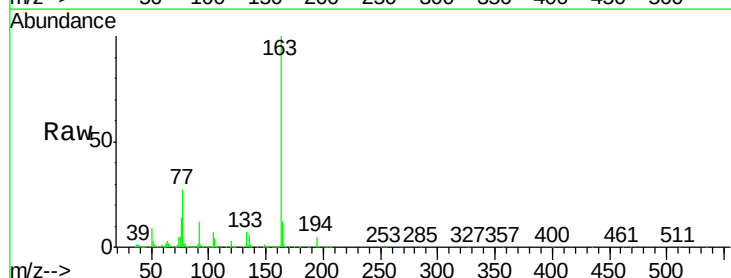
Tgt Ion:163 Resp: 1348784

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

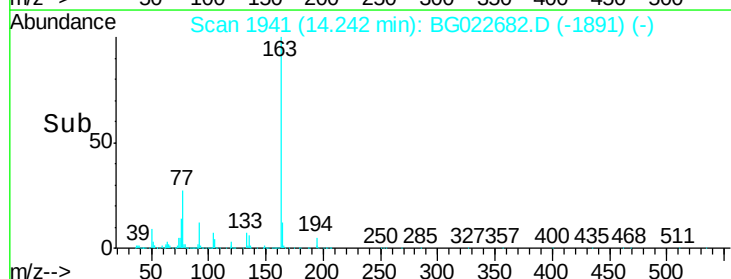
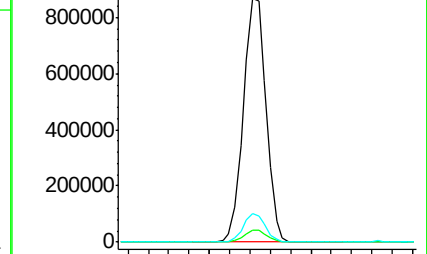
164 11.6 8.1 12.1

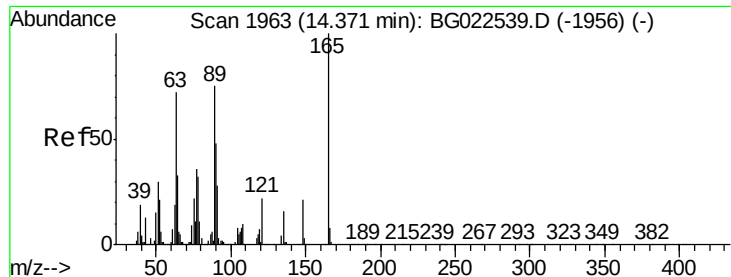


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

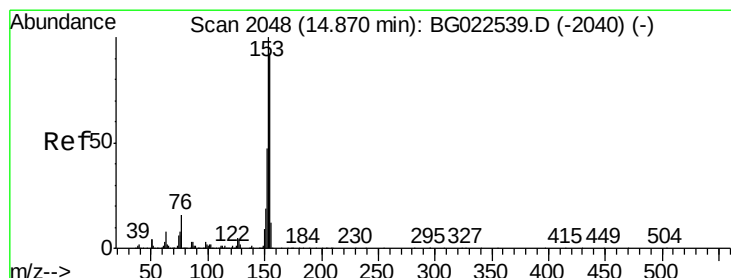
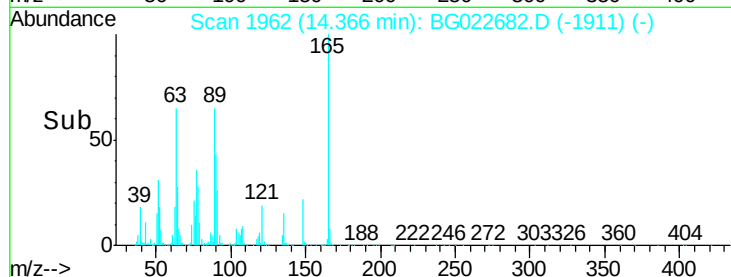
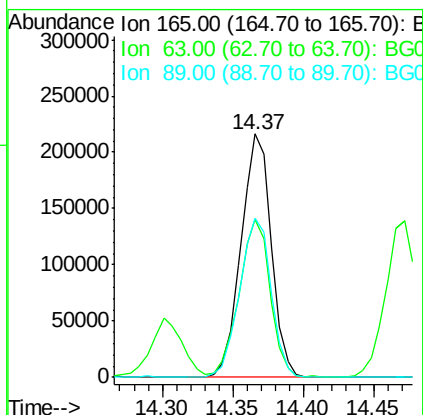
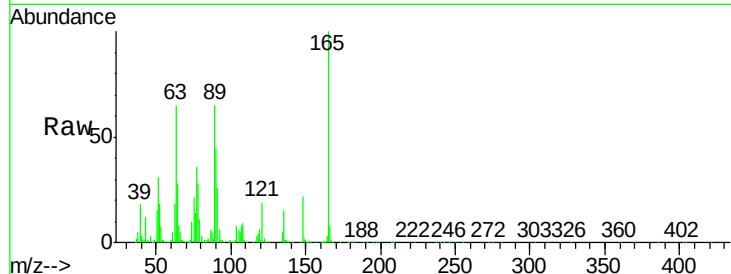




#50
 2,6-Dinitrotoluene
 Concen: 46.20 ng
 RT: 14.37 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BG022682.D
 Acq: 28 Jun 2016 19:06

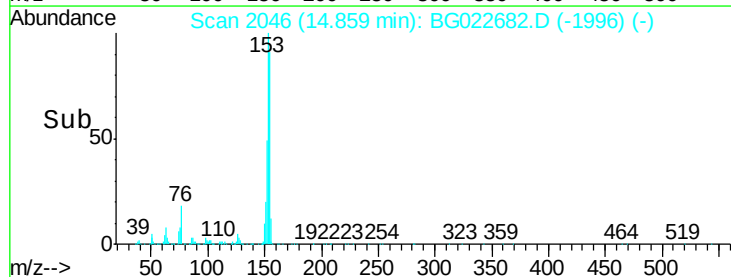
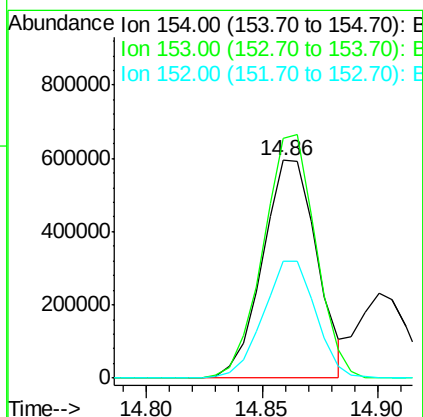
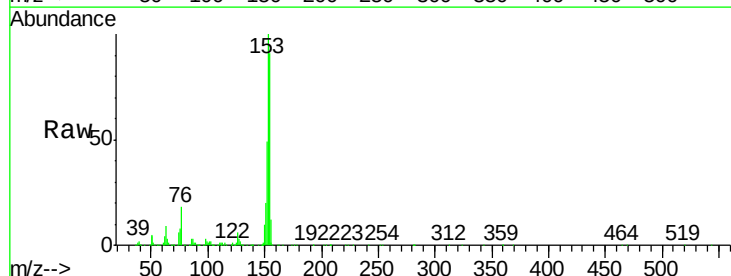
Instrument :
 BNA_G
 ClientSampleId :
 PB91516BS

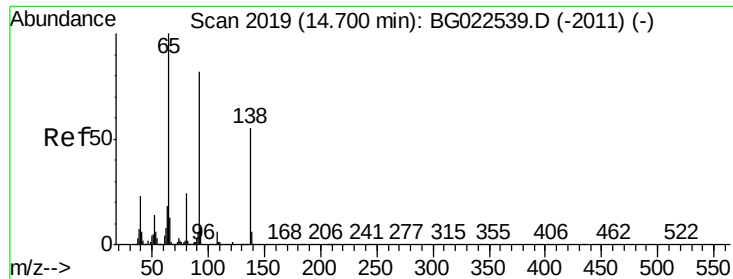
Tot Ion	Ratio	Lower	Upper
165	100		
63	64.9	64.3	96.5
89	65.4	64.3	96.5



#51
 Acenaphthene
 Concen: 37.27 ng
 RT: 14.86 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG022682.D
 Acq: 28 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	87.5	131.3
152	53.9	42.7	64.1

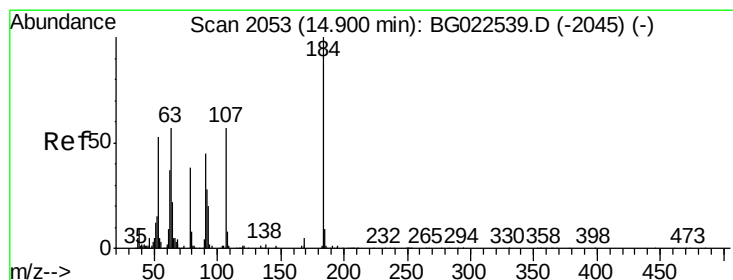
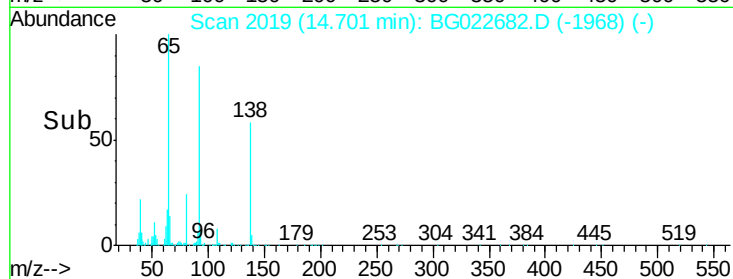
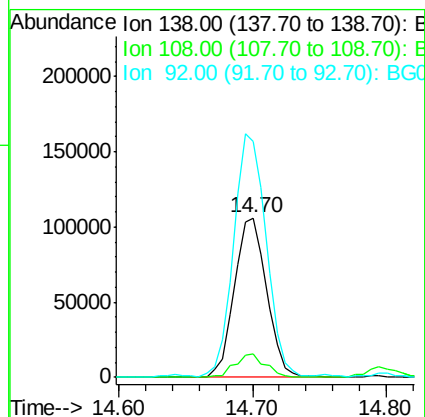
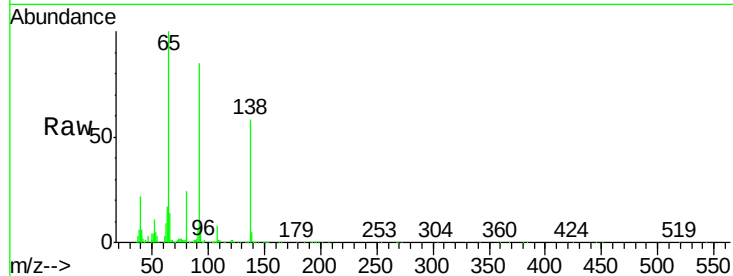




#52
 3-Nitroaniline
 Concen: 27.31 ng
 RT: 14.70 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BG022682.D
 Acq: 28 Jun 2016 19:06

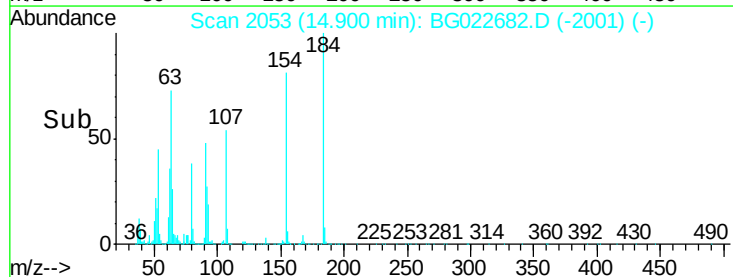
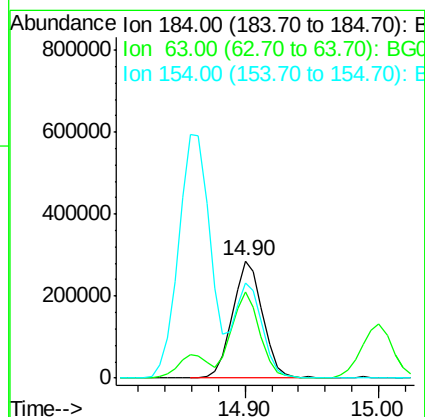
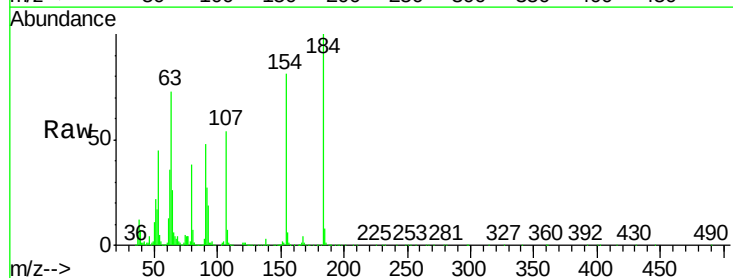
Instrument :
 BNA_G
 ClientSampleId :
 PB91516BS

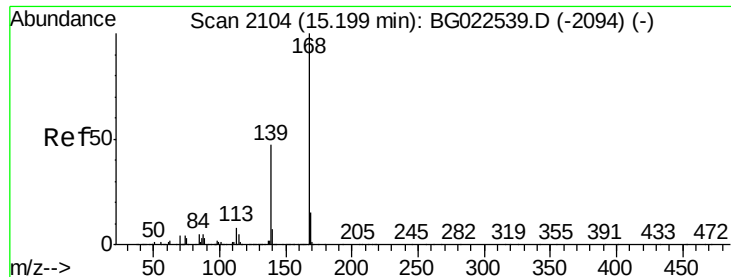
Tot Ion:138 Resp: 178783
 Ion Ratio Lower Upper
 138 100
 108 14.7 11.7 17.5
 92 147.8 129.7 194.5



#53
 2,4-Dinitrophenol
 Concen: 104.45 ng
 RT: 14.90 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BG022682.D
 Acq: 28 Jun 2016 19:06

Tgt Ion:184 Resp: 450081
 Ion Ratio Lower Upper
 184 100
 63 73.4 59.6 89.4
 154 80.5 67.4 101.0

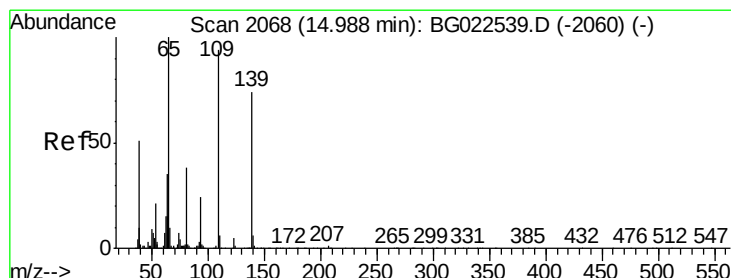
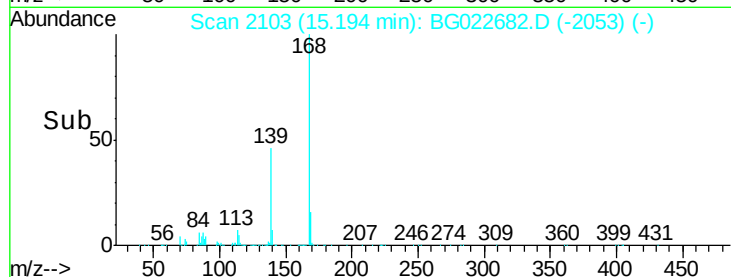
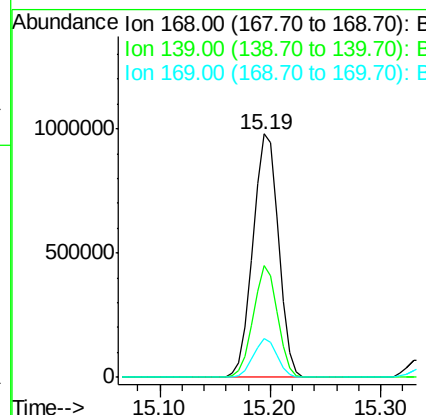
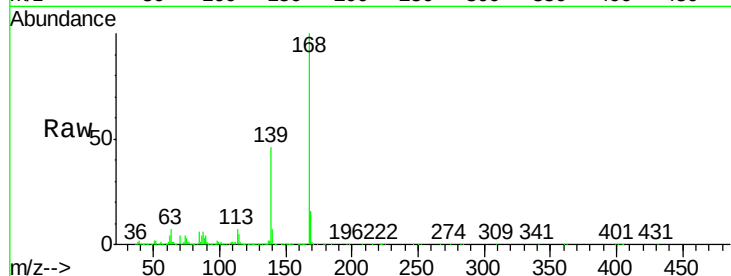




#54
Dibenzenofuran
Concen: 42.45 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

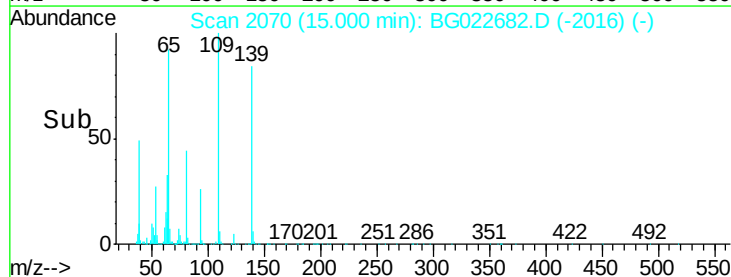
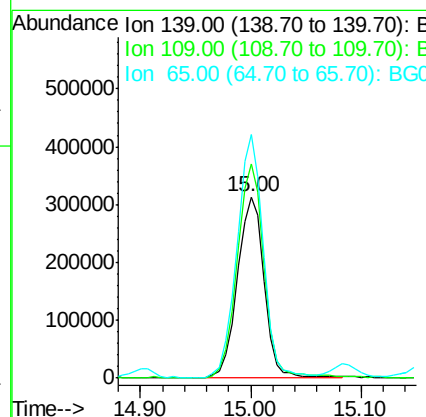
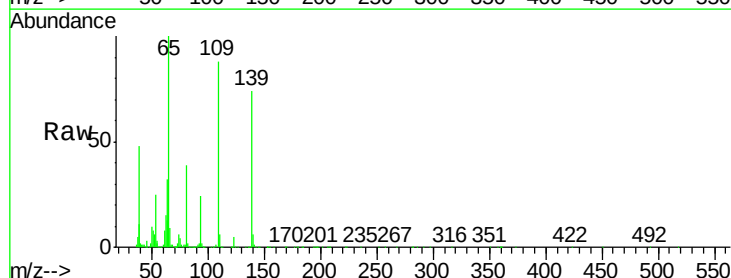
Instrument :
BNA_G
ClientSampleId :
PB91516BS

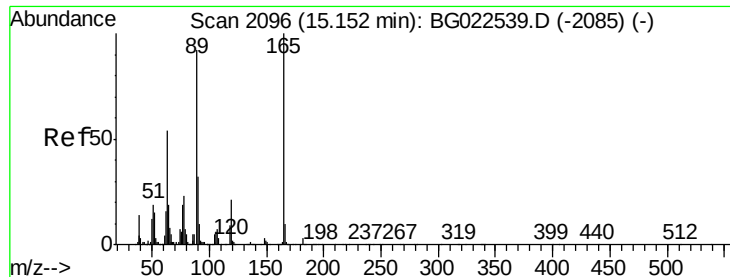
Tot Ion:168 Resp: 1598362
Ion Ratio Lower Upper
168 100
139 45.7 36.4 54.6
169 15.8 11.9 17.9



#55
4-Nitrophenol
Concen: 96.50 ng
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion:139 Resp: 534168
Ion Ratio Lower Upper
139 100
109 118.5 103.0 143.0
65 134.3 112.7 152.7

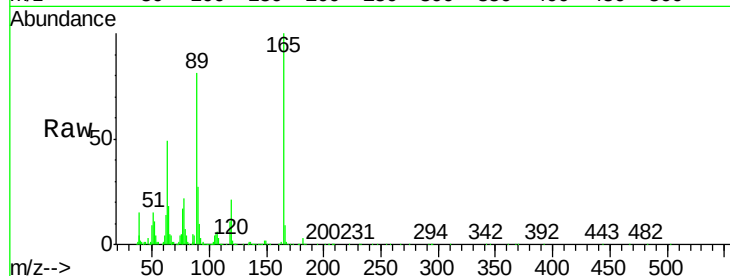




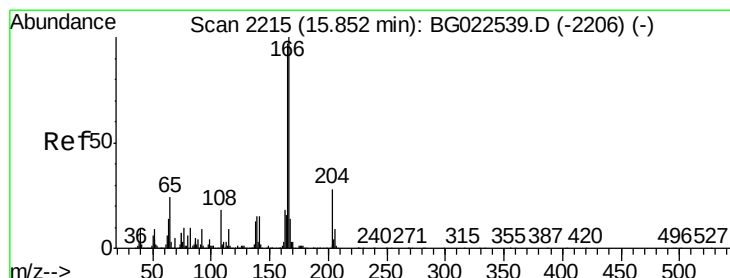
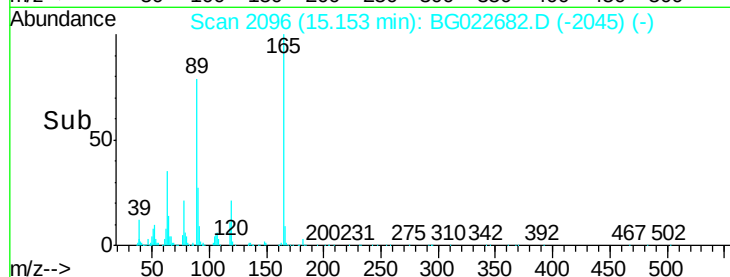
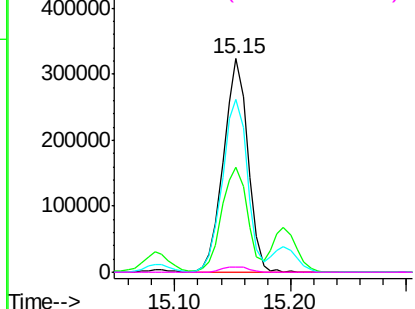
#56
2,4-Dinitrotoluene
Concen: 48.89 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Instrument :
BNA_G
ClientSampleId :
PB91516BS

Tot Ion:165 Resp: 473818
Ion Ratio Lower Upper
165 100
63 49.1 45.8 68.6
89 80.7 68.6 102.8
182 2.6 2.0 3.0

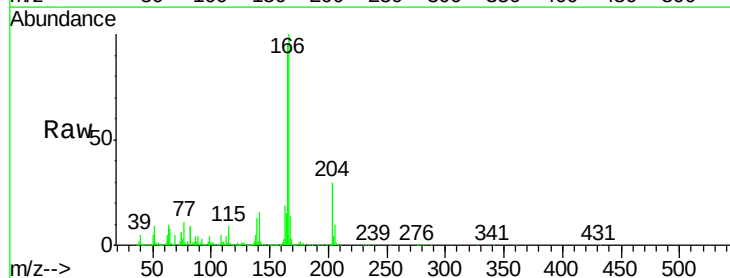


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

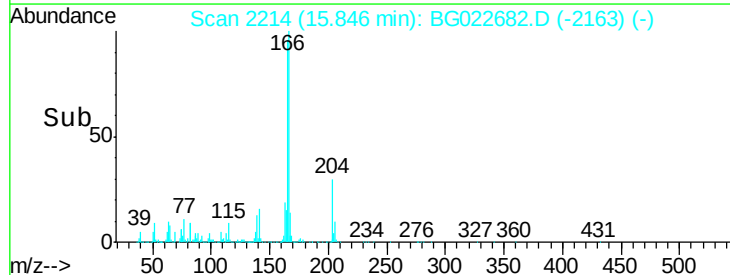
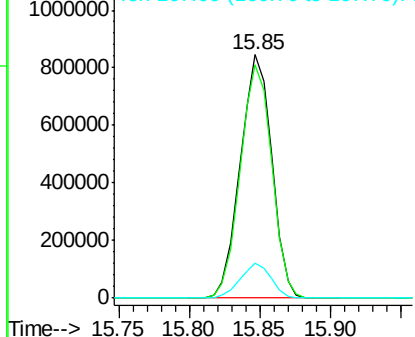


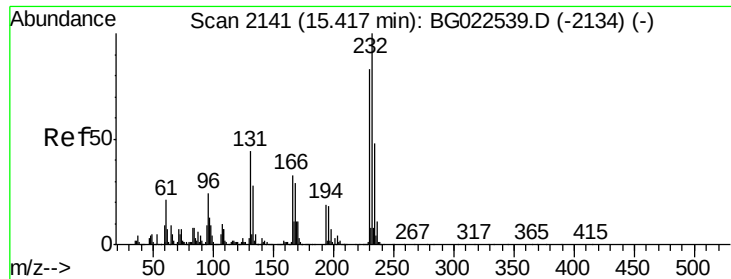
#57
Fluorene
Concen: 43.98 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion:166 Resp: 1321340
Ion Ratio Lower Upper
166 100
165 96.0 81.0 121.6
167 14.2 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

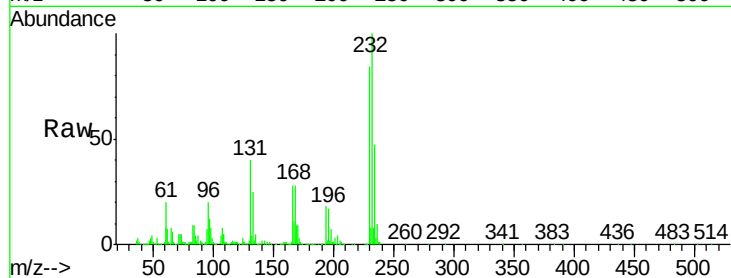




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.59 ng/ml
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG022682.D
 Acq: 28 Jun 2016 19:06

Instrument :
 BNA_G
 ClientSampleID :
 PB91516BS

Tot Ion:232	Resp:	485105	
Ion Ratio	Lower	Upper	
232 100			
131 36.1	32.7	49.1	
130 2.7	2.6	3.8	
166 23.7	23.0	34.6	

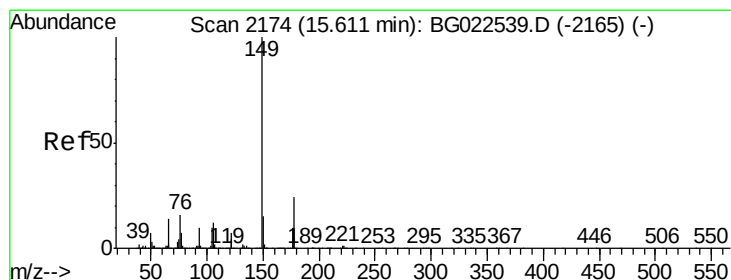
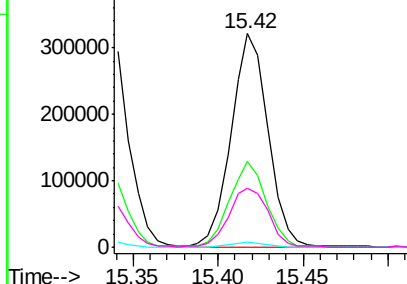
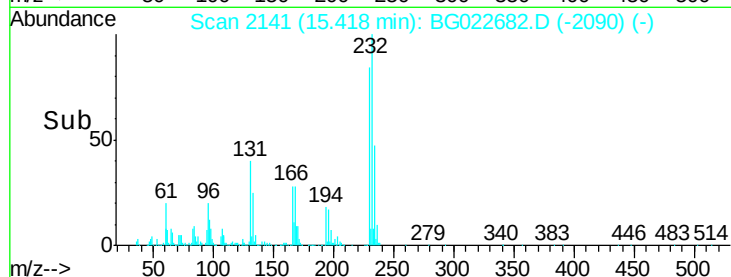


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

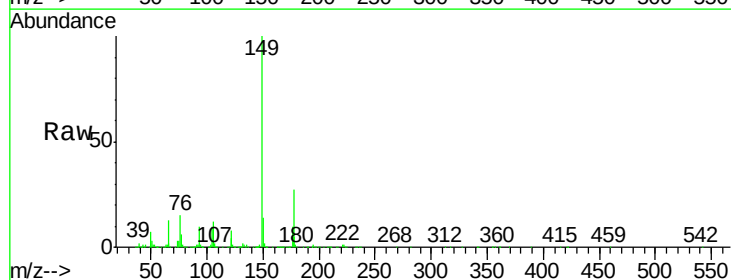
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 42.48 ng/ml
 RT: 15.61 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG022682.D
 Acq: 28 Jun 2016 19:06

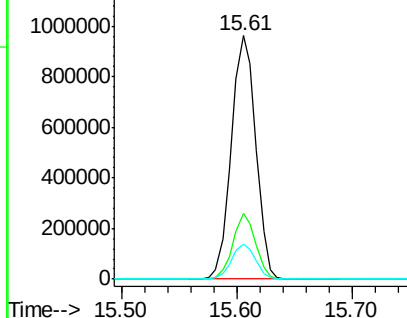
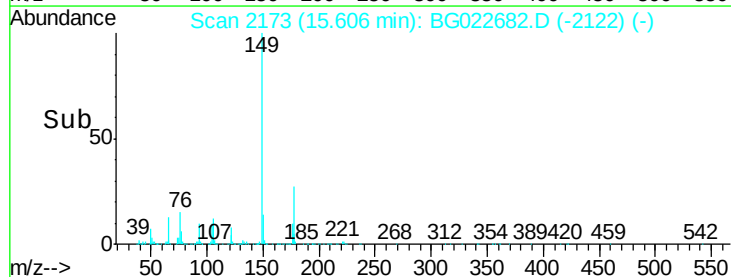
Tgt Ion:149	Resp: 1406031
Ion Ratio	Lower Upper
149 100	
177 26.9	19.2 28.8
150 14.3	10.6 16.0

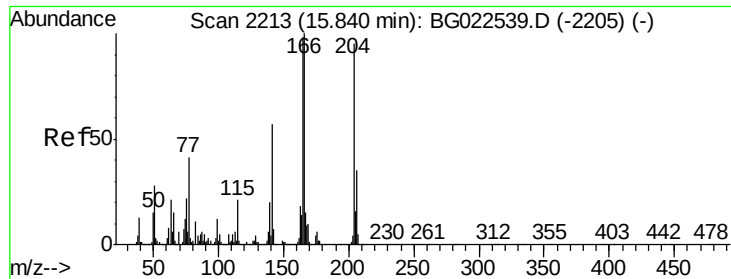


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

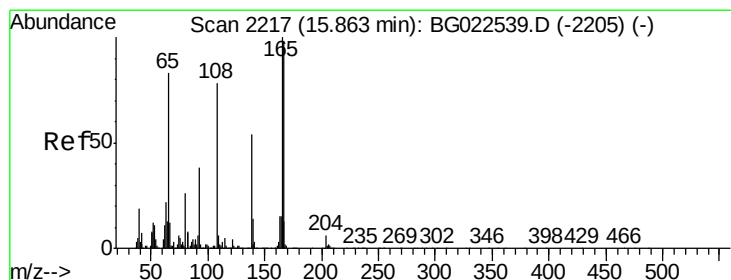
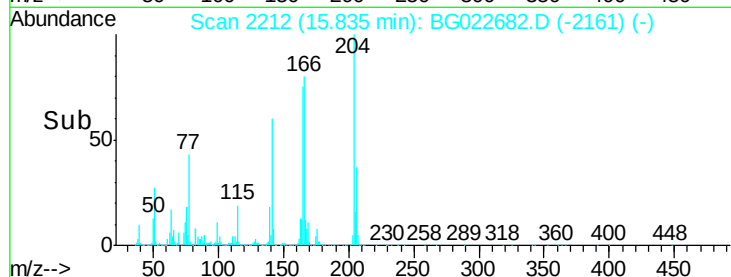
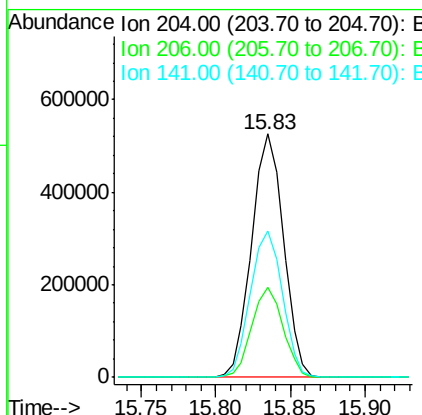
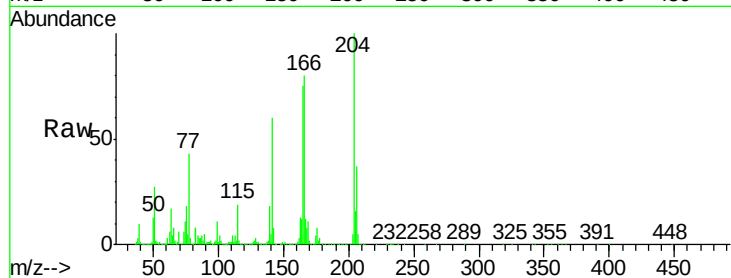




#60
4-Chlorophenyl-phenylether
Concen: 43.38 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

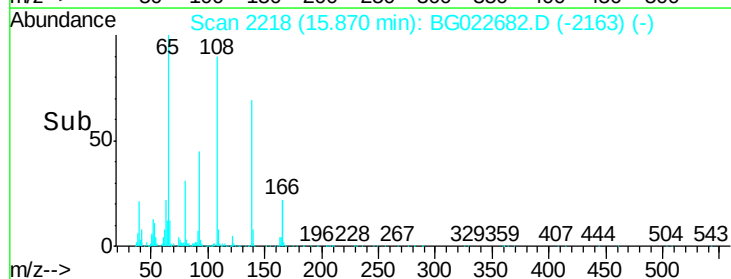
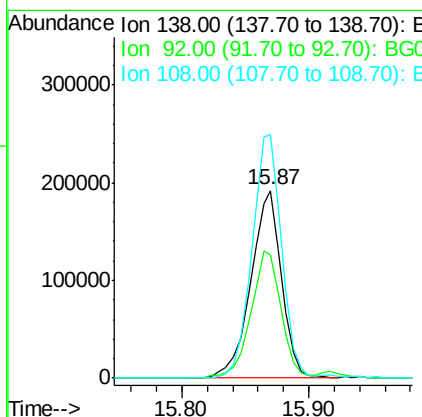
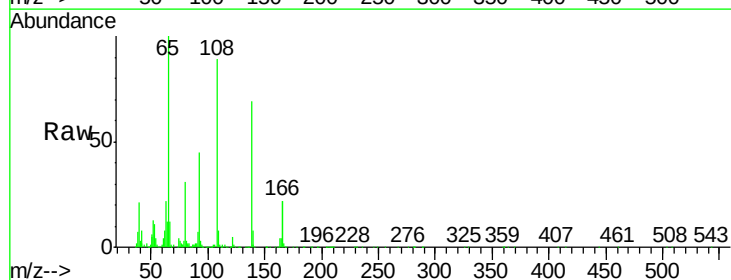
Instrument :
BNA_G
ClientSampleId :
PB91516BS

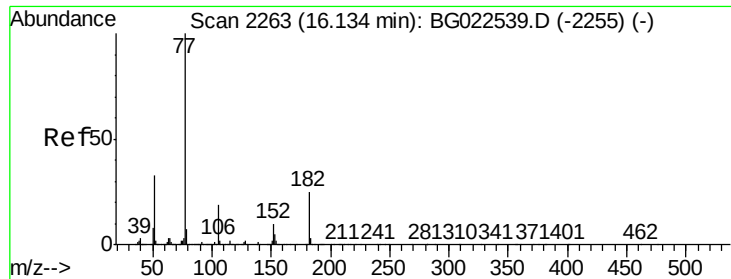
Tot Ion:204 Resp: 775984
Ion Ratio Lower Upper
204 100
206 37.0 28.5 42.7
141 60.0 51.4 77.0



#61
4-Nitroaniline
Concen: 47.66 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion:138 Resp: 321898
Ion Ratio Lower Upper
138 100
92 65.4 54.1 94.1
108 129.9 133.9 173.9#





#62

Azobenzene

Concen: 40.74 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampled :

PB91516BS

Tot Ion: 77 Resp: 1460446

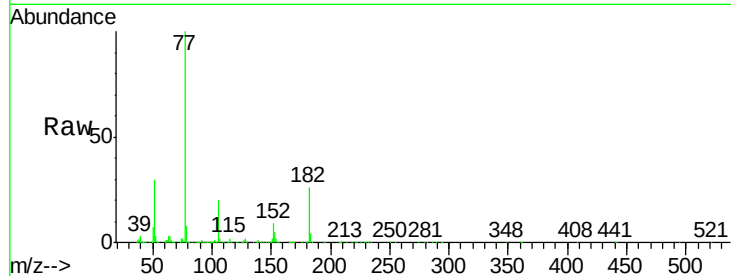
Ion Ratio Lower Upper

77 100

182 25.9 3.5 43.5

105 19.5 0.0 38.5

51 29.5 17.1 57.1

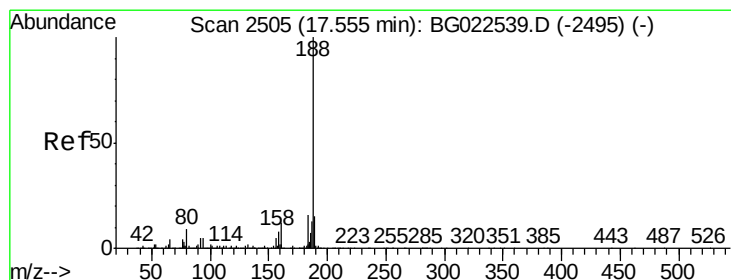
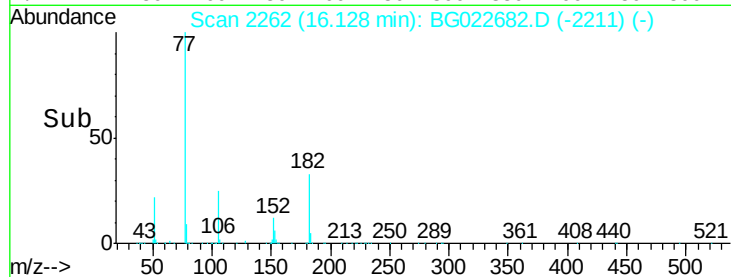
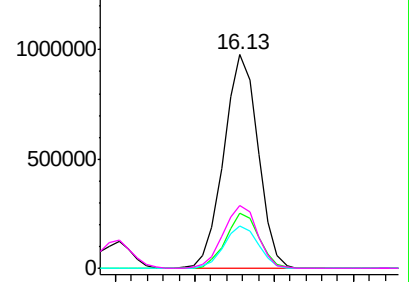


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

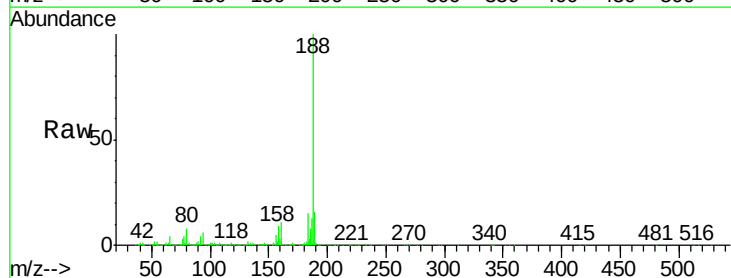
Tgt Ion: 188 Resp: 1030688

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

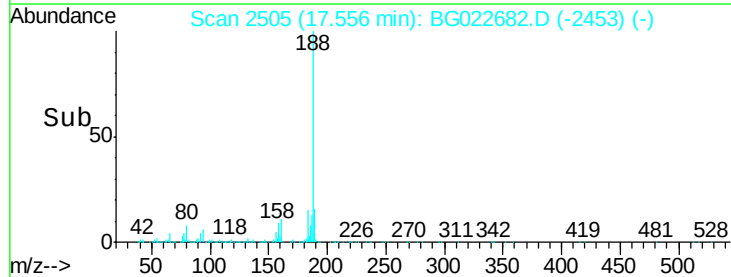
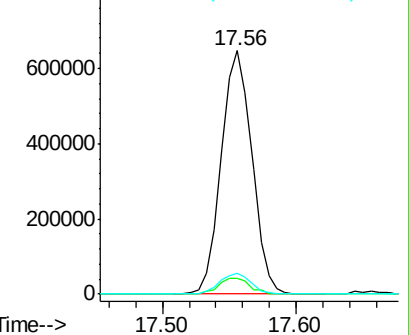
80 8.3 7.2 10.8

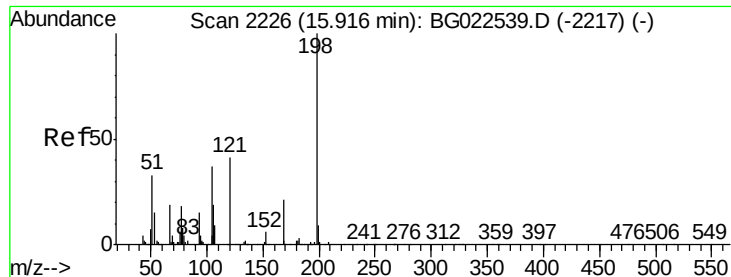


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

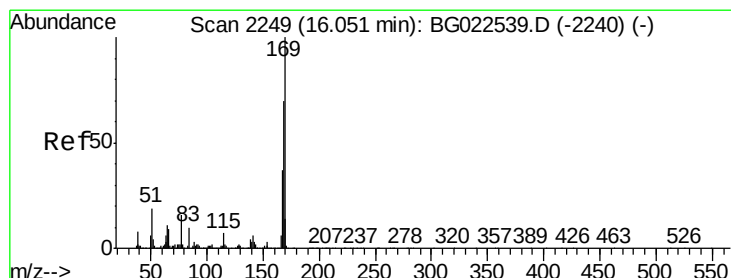
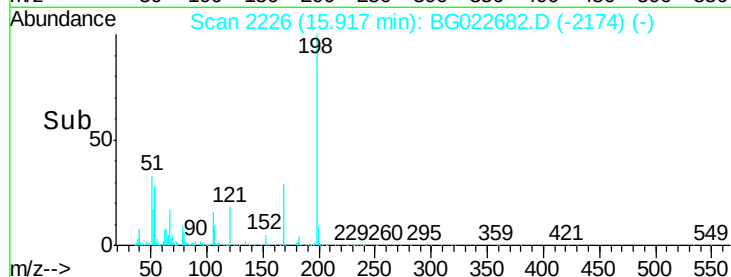
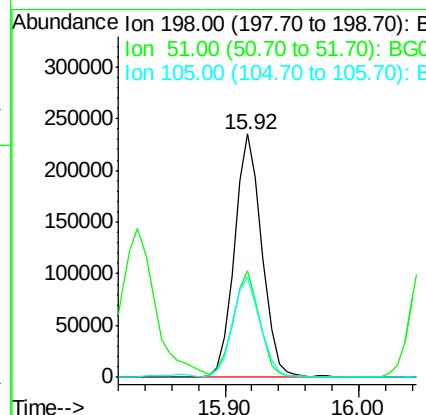
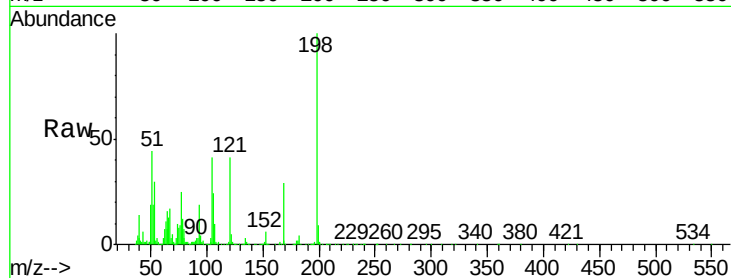




#64
4,6-Dinitro-2-methylphenol
Concen: 48.65 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

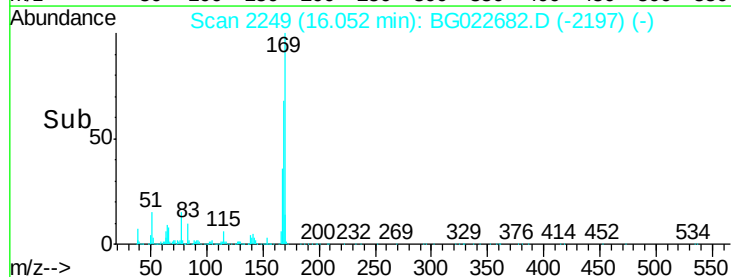
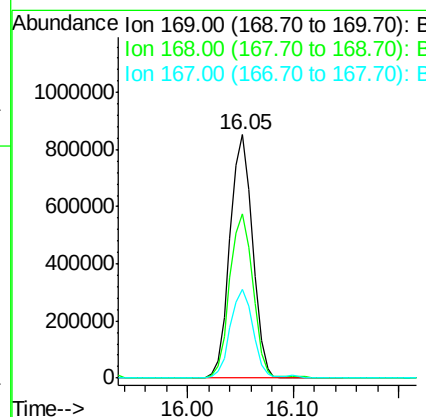
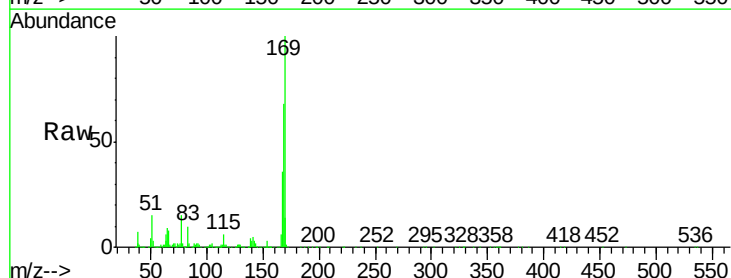
Instrument :
BNA_G
ClientSampleId :
PB91516BS

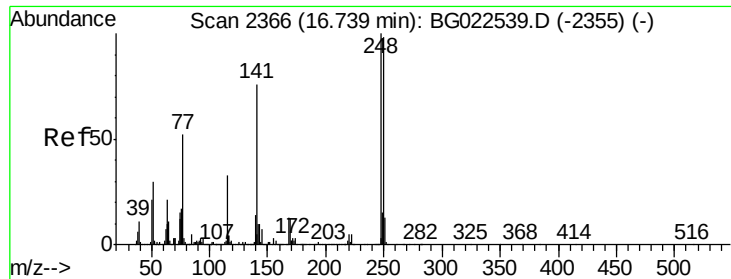
Tot Ion:198 Resp: 336306
Ion Ratio Lower Upper
198 100
51 43.9 26.0 66.0
105 41.4 20.1 60.1



#65
n-Nitrosodiphenylamine
Concen: 42.02 ng
RT: 16.05 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion:169 Resp: 1260236
Ion Ratio Lower Upper
169 100
168 67.5 55.0 82.4
167 36.4 27.4 41.0

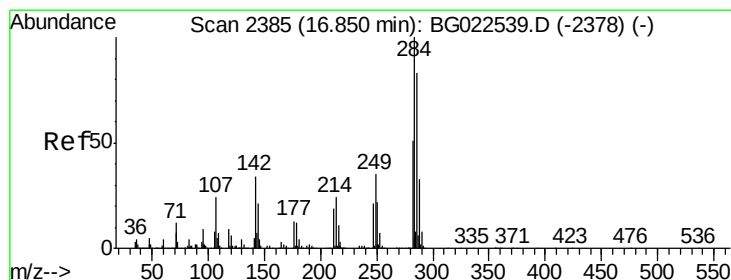
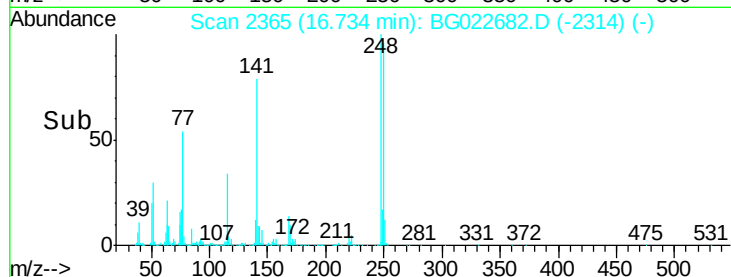
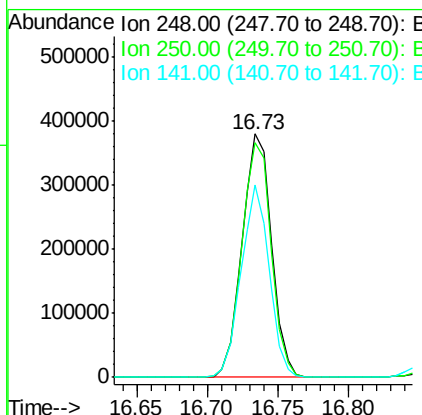
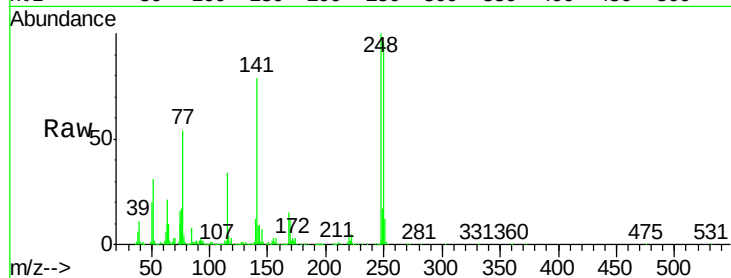




#66
4-Bromophenyl-phenylether
Concen: 41.43 ng
RT: 16.73 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

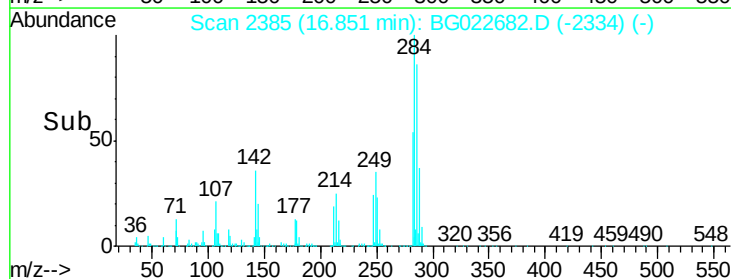
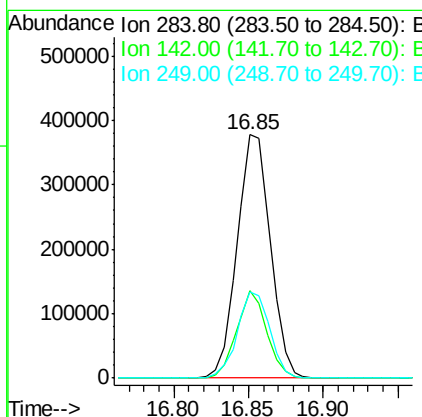
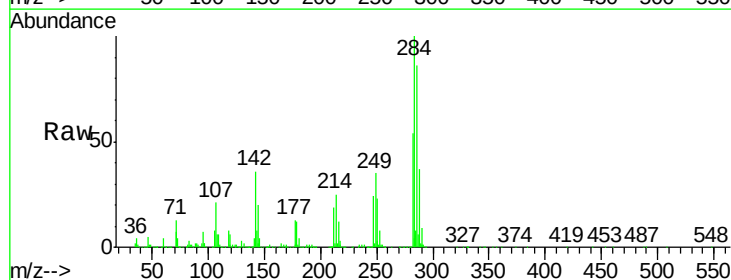
Instrument :
BNA_G
ClientSampleId :
PB91516BS

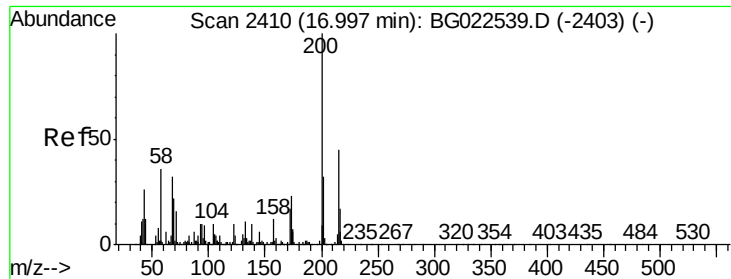
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.8	116.8
141	79.2	65.7	98.5



#67
Hexachlorobenzene
Concen: 41.28 ng
RT: 16.85 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	26.8	40.2
249	35.3	28.9	43.3

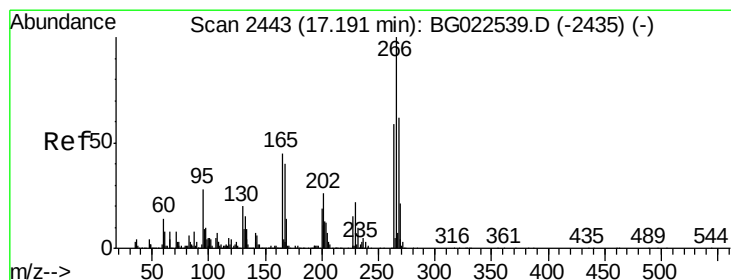
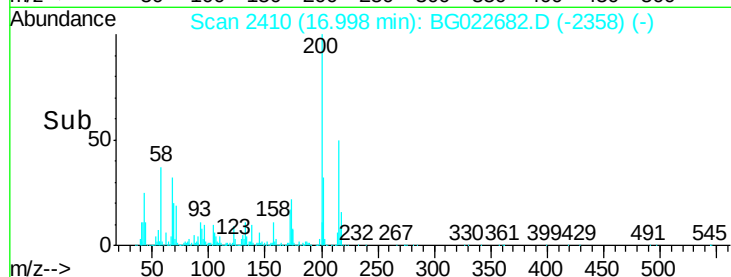
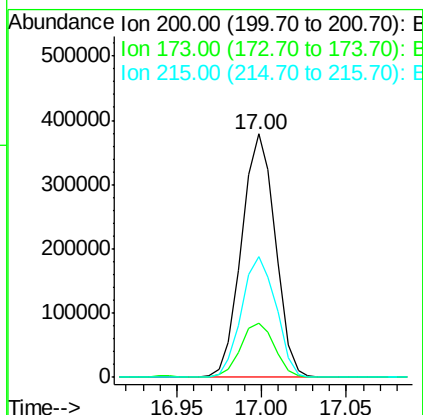
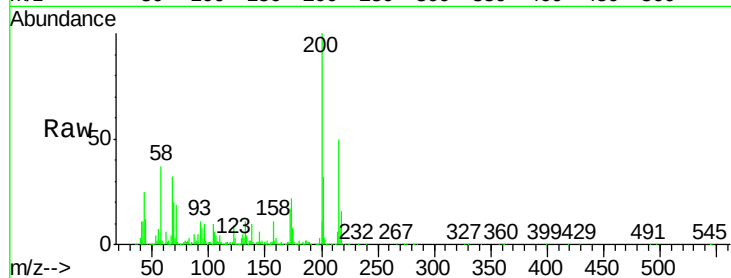




#68
Atrazine
Concen: 41.61 ng
RT: 17.00 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

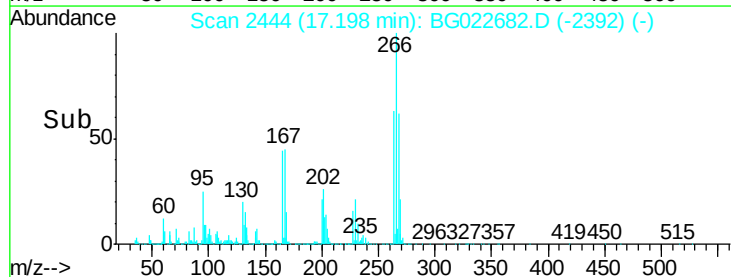
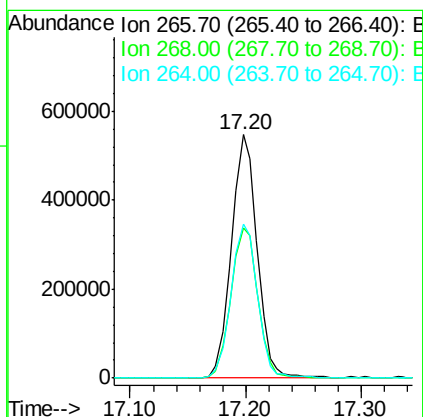
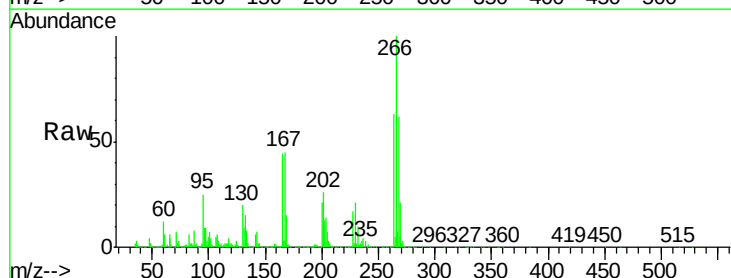
Instrument :
BNA_G
ClientSampleId :
PB91516BS

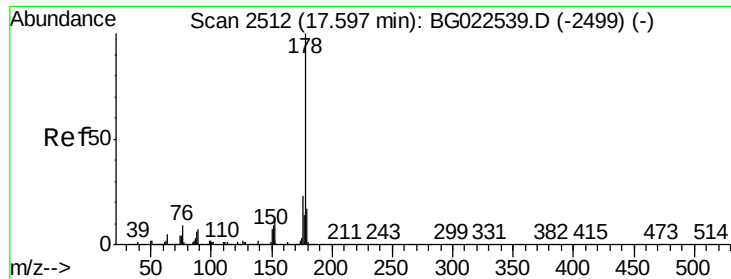
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.3	1.6	41.6
215	49.8	28.7	68.7



#69
Pentachlorophenol
Concen: 86.73 ng
RT: 17.20 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.9	77.9
264	63.1	50.6	75.8





#70

Phenanthrene

Concen: 41.59 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

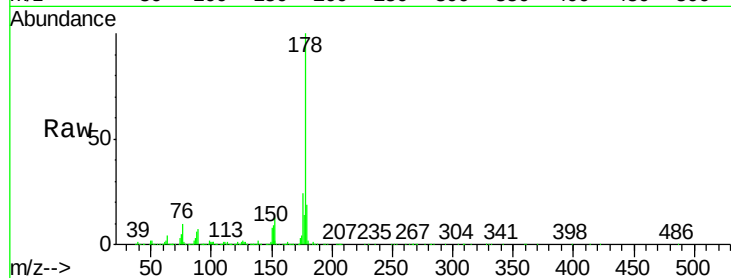
BNA_G

ClientSampleId :

PB91516BS

Tot Ion:178 Resp: 2185805

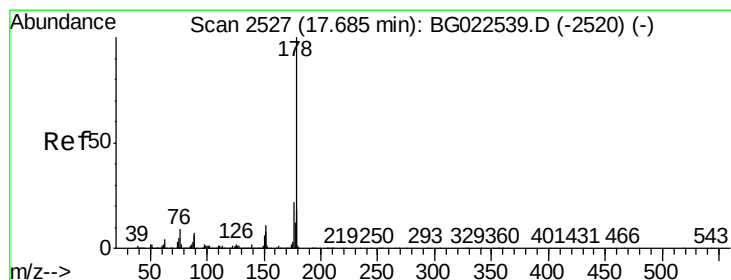
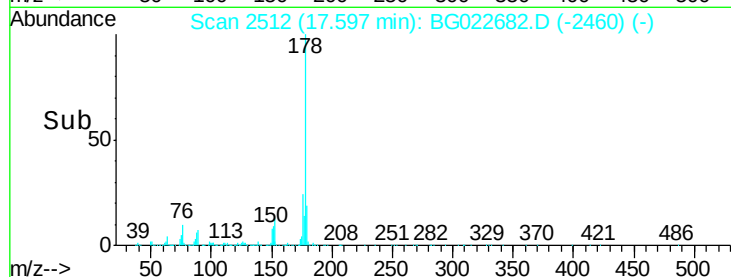
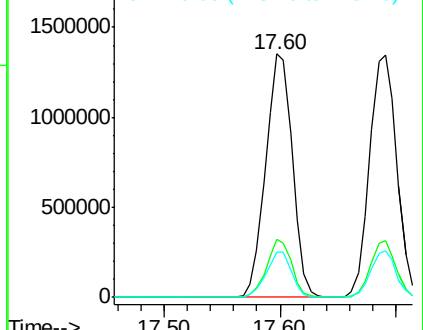
Ion	Ratio	Lower	Upper
178	100		
176	23.6	16.8	25.2
179	18.7	14.3	21.5



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: 40.72 ng

RT: 17.69 min Scan# 2528

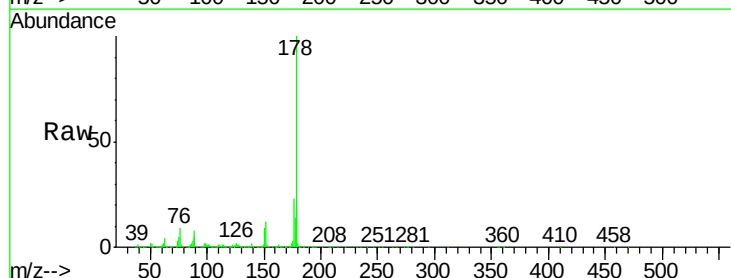
Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Tgt Ion:178 Resp: 2202840

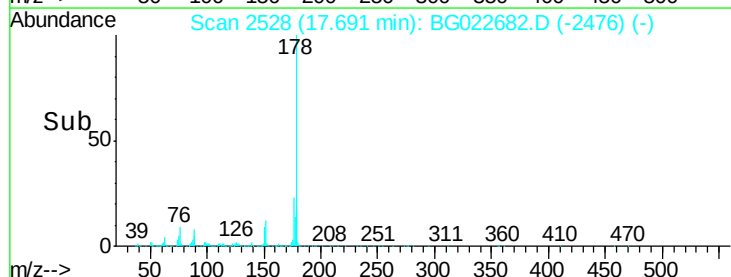
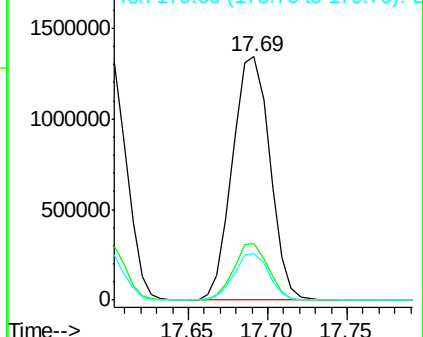
Ion	Ratio	Lower	Upper
178	100		
176	23.3	17.3	25.9
179	19.3	14.0	21.0

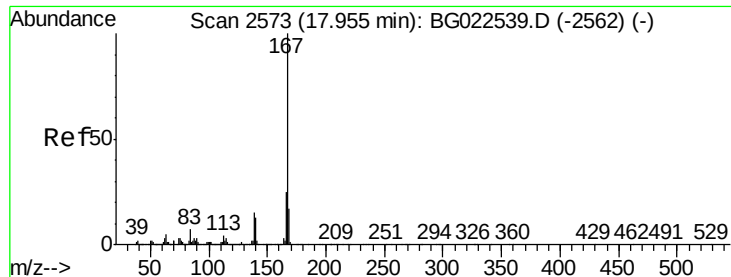


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 43.89 ng

RT: 17.96 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

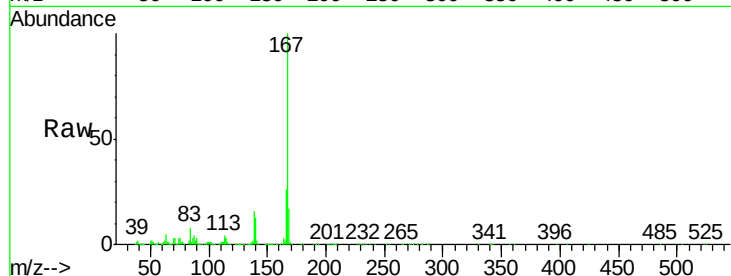
BNA_G

ClientSampleId :

PB91516BS

Tot Ion:167 Resp: 2012609

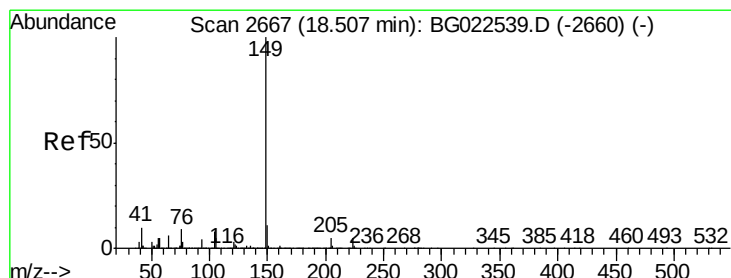
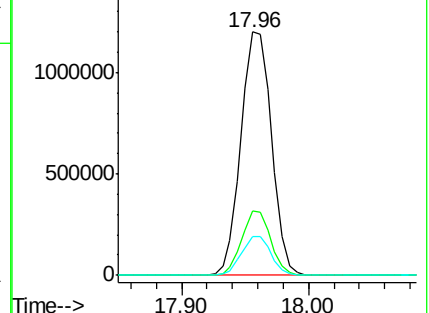
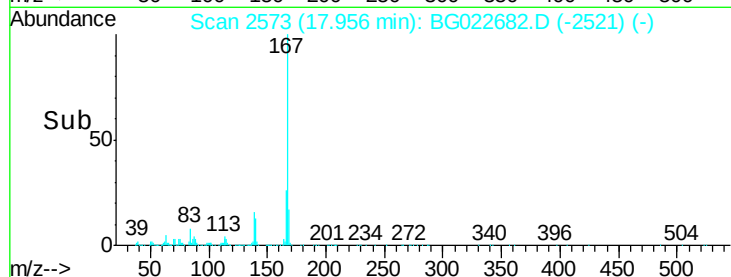
Ion	Ratio	Lower	Upper
167	100		
166	26.2	20.7	31.1
139	16.0	11.9	17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 43.38 ng

RT: 18.51 min Scan# 2667

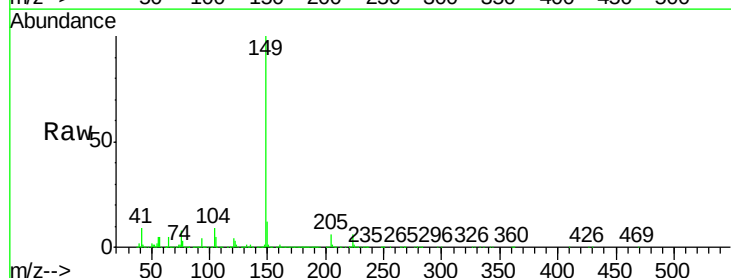
Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Tgt Ion:149 Resp: 2316272

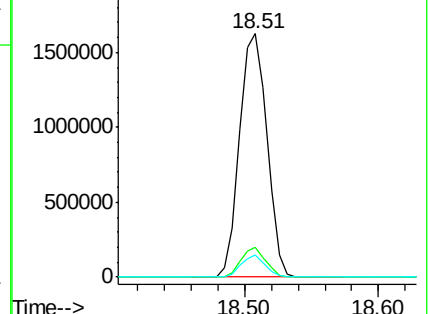
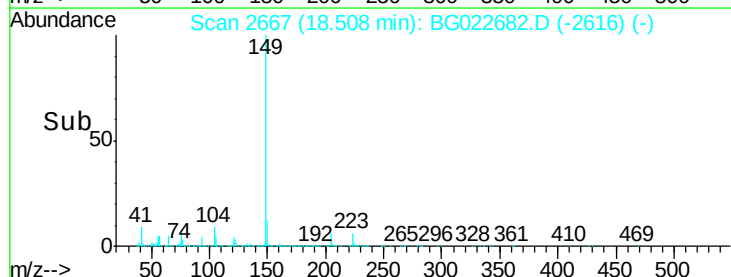
Ion	Ratio	Lower	Upper
149	100		
150	12.2	9.1	13.7
104	9.0	6.9	10.3

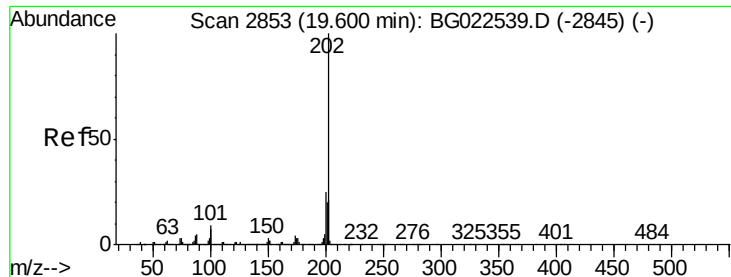


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.80 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

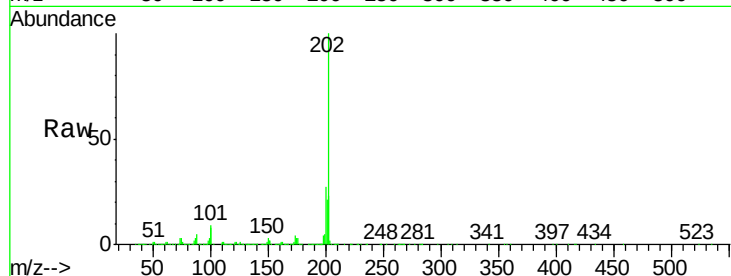
Tot Ion:202 Resp: 2652422

Ion Ratio Lower Upper

202 100

101 9.2 0.0 27.4

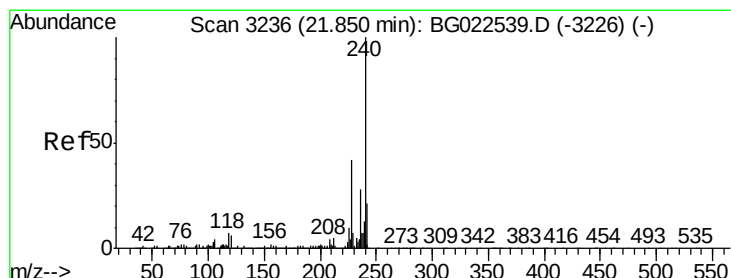
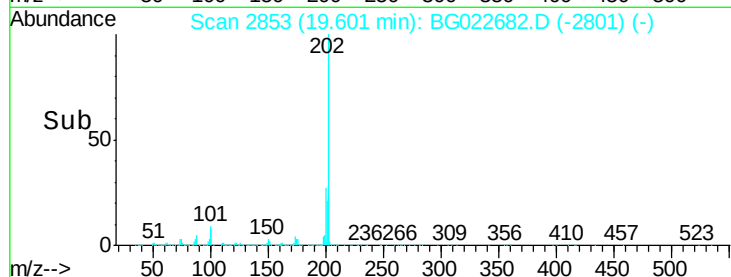
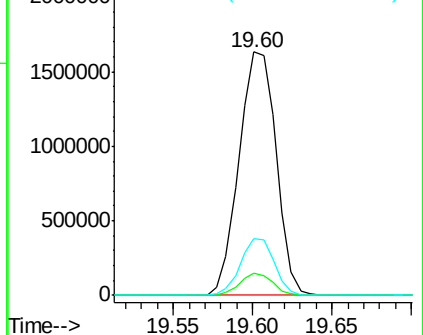
203 23.2 1.7 41.7



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# 3236

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

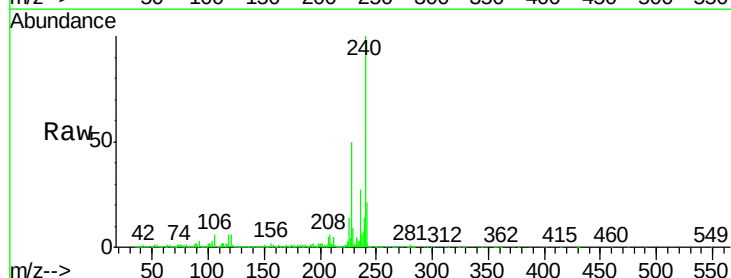
Tgt Ion:240 Resp: 1193838

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

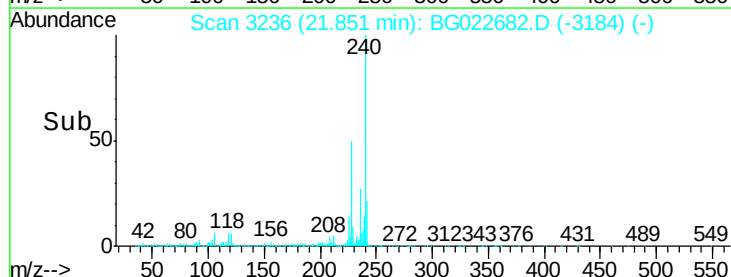
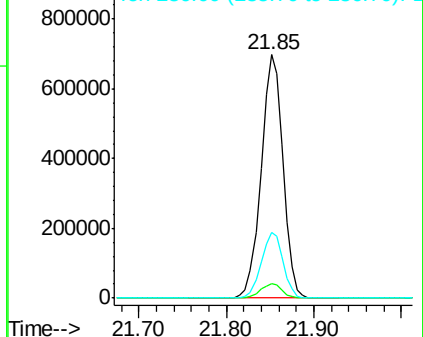
236 27.1 21.1 31.7

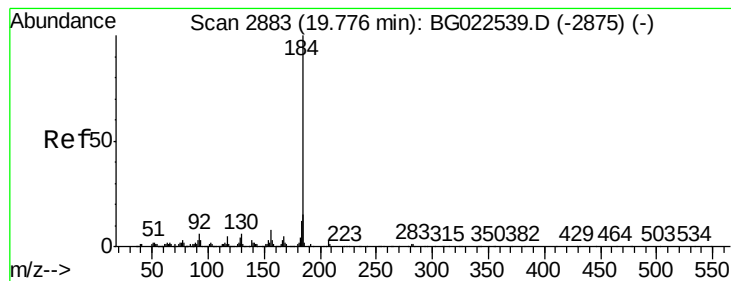


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 101.75 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

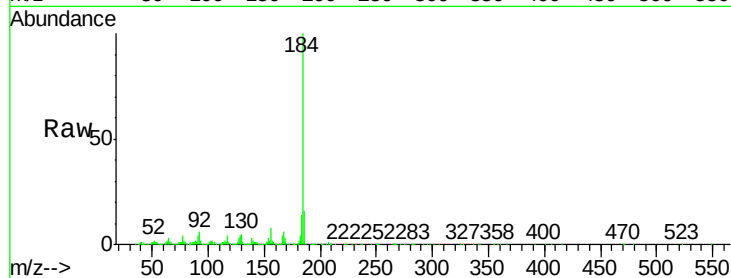
Tot Ion:184 Resp: 1293296

Ion Ratio Lower Upper

184 100

185 15.7 12.6 19.0

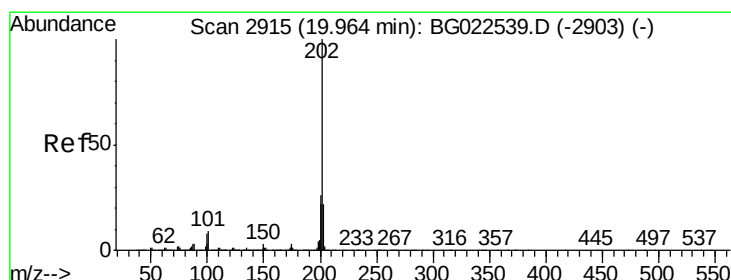
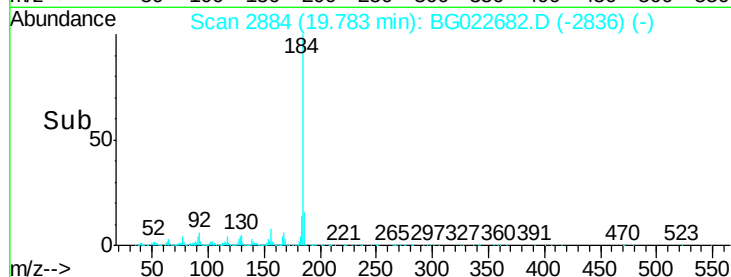
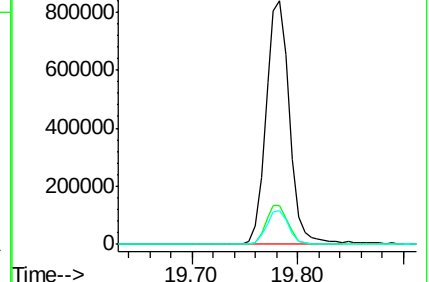
183 13.7 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 41.78 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

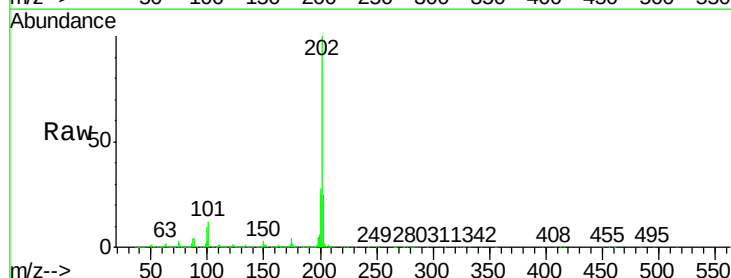
Tgt Ion:202 Resp: 2656371

Ion Ratio Lower Upper

202 100

200 28.4 21.2 31.8

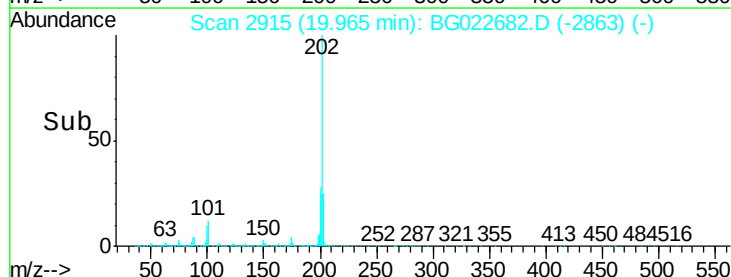
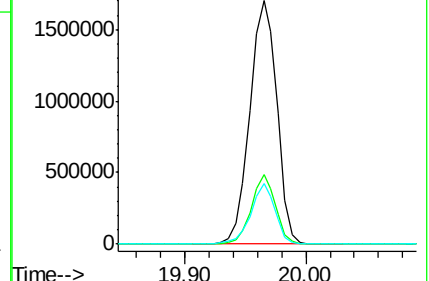
203 24.7 16.8 25.2

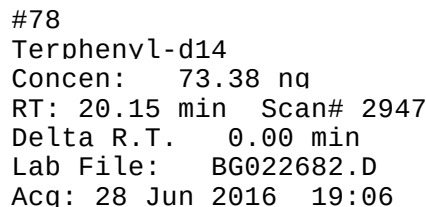


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

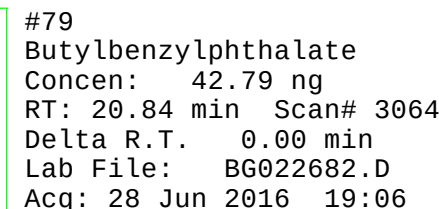
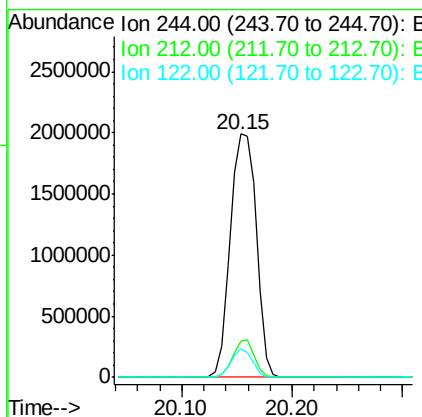
Ion 203.00 (202.70 to 203.70): E



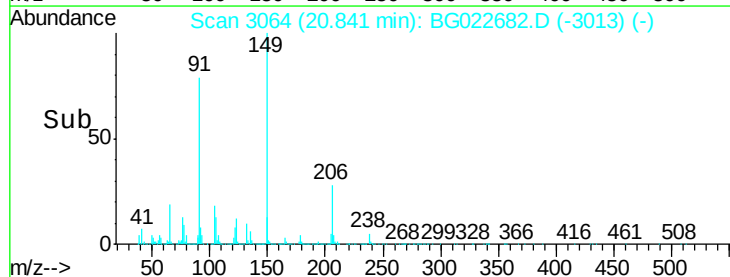
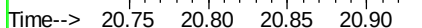
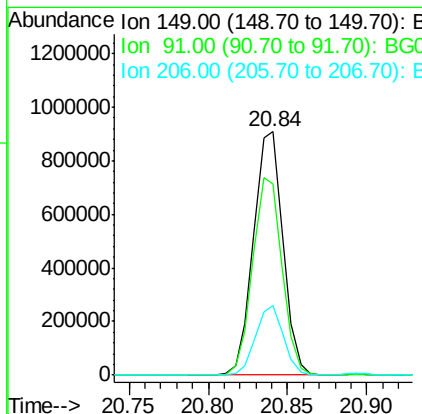


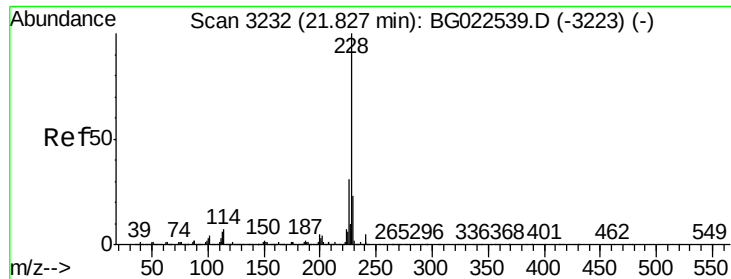
Instrument :
BNA_G
ClientSampleId :
PB91516BS

Tot	Ion:244	Resp:	3306451
Ion	Ratio	Lower	Upper
244	100		
212	15.1	10.8	16.2
122	11.6	8.0	12.0



Tgt	Ion:149	Resp:	1177821
Ion	Ratio	Lower	Upper
149	100		
91	78.6	68.1	102.1
206	28.5	19.8	29.6





#80

Benzo(a)anthracene

Concen: 43.66 ng

RT: 21.83 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

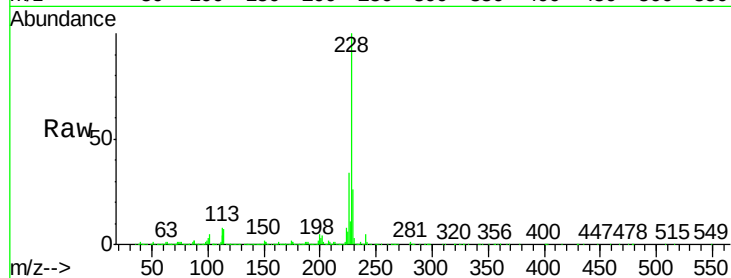
Tot Ion:228 Resp: 2884473

Ion Ratio Lower Upper

228 100

226 34.1 25.3 37.9

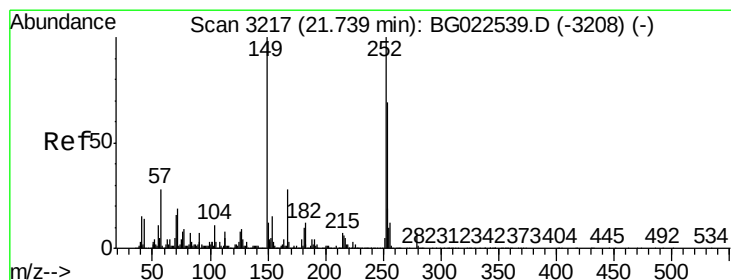
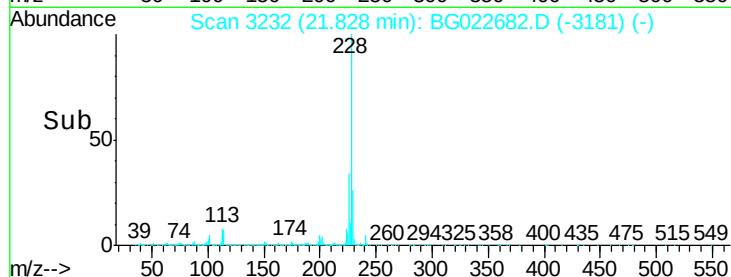
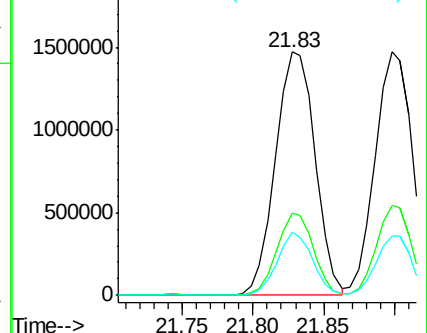
229 26.0 19.9 29.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 24.36 ng

RT: 21.74 min Scan# 3217

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

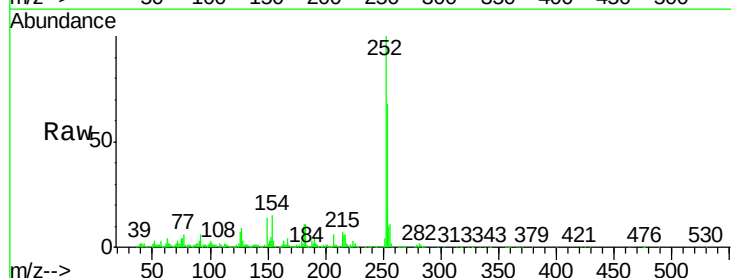
Tgt Ion:252 Resp: 664555

Ion Ratio Lower Upper

252 100

254 68.1 51.2 76.8

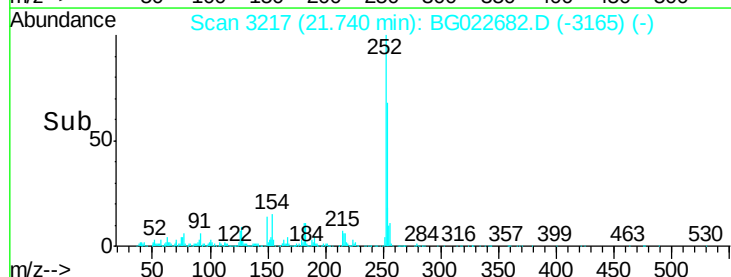
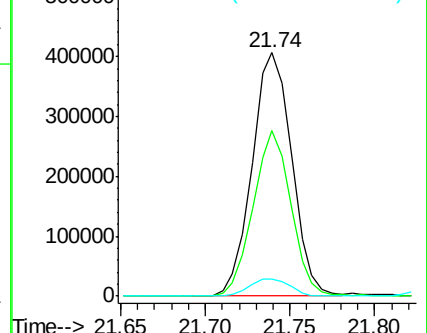
126 7.0 5.3 7.9

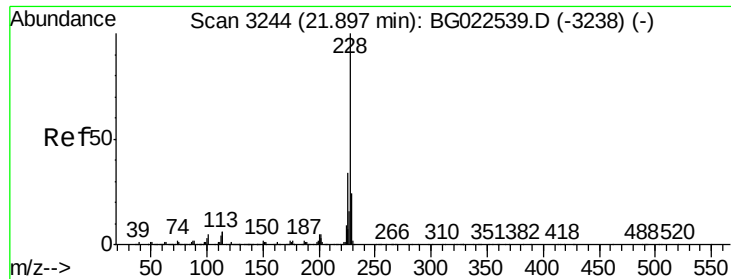


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.36 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

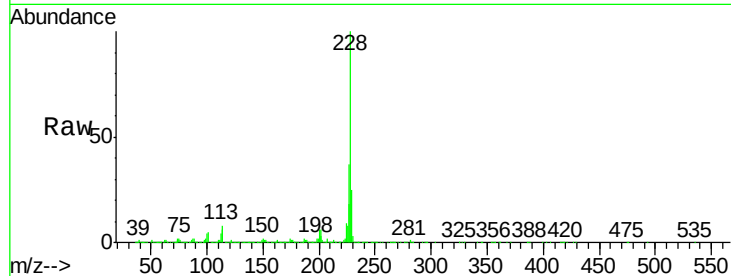
BNA_G

ClientSampleId :

PB91516BS

Tot Ion:228 Resp: 2691529

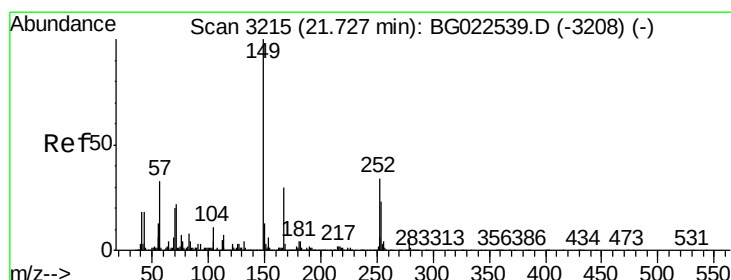
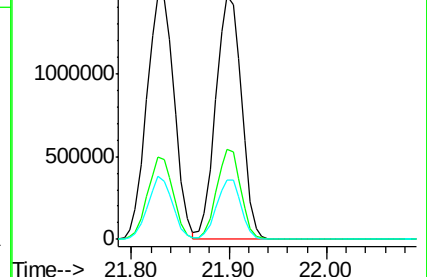
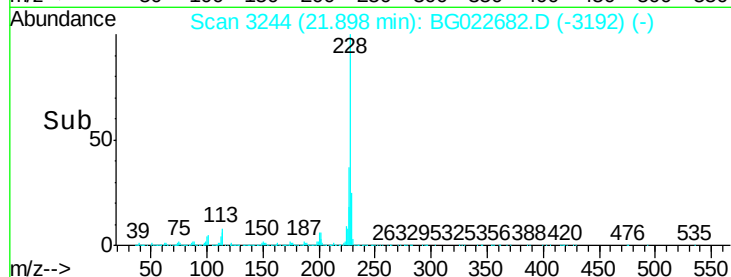
Ion	Ratio	Lower	Upper
228	100		
226	36.9	26.7	40.1
229	24.6	17.4	26.2



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.73 ng

RT: 21.72 min Scan# 3213

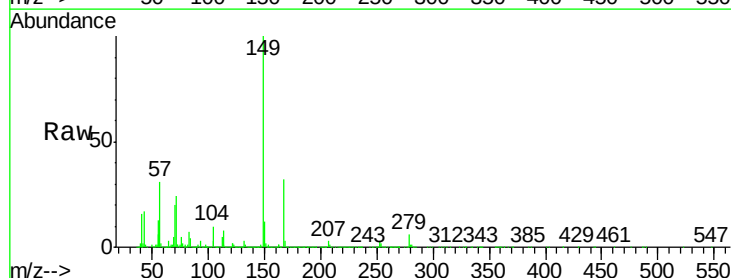
Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Tgt Ion:149 Resp: 1578439

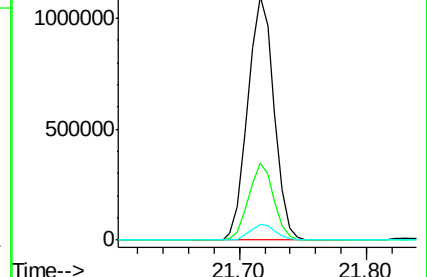
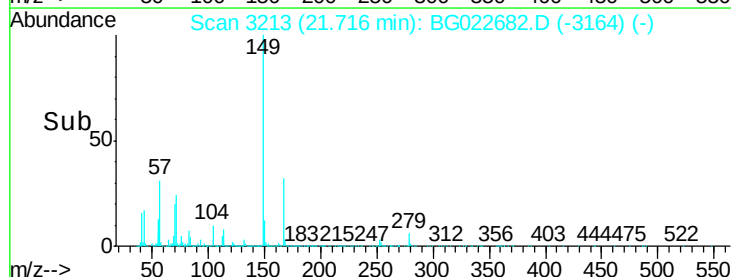
Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.0	36.0
279	6.2	4.8	7.2

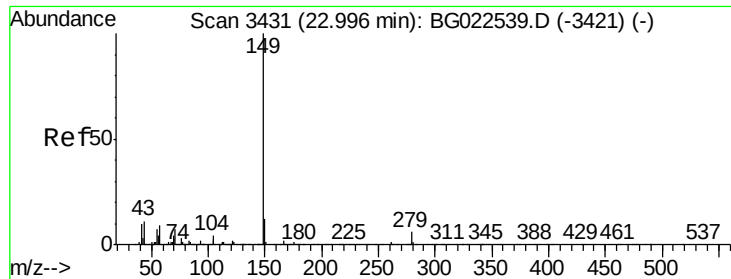


Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 40.91 ng

RT: 22.98 min Scan# 3428

Delta R.T. -0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

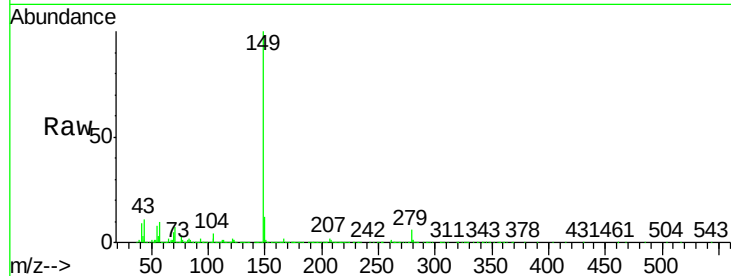
Tot Ion:149 Resp: 2613423

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

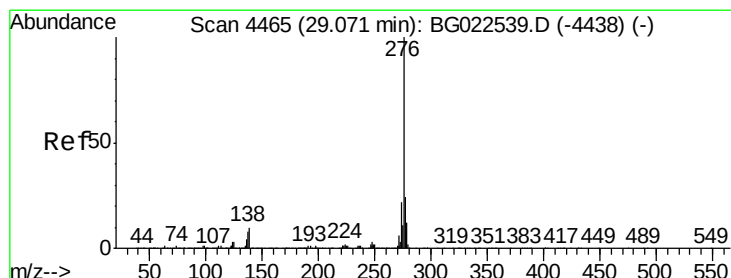
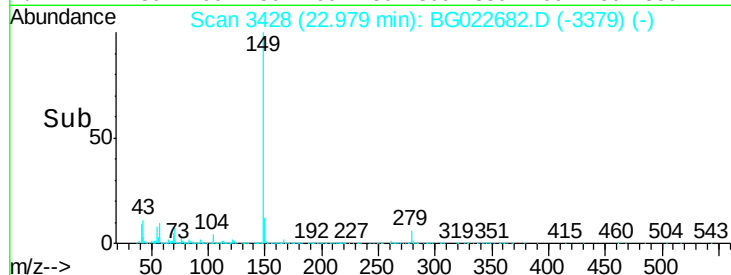
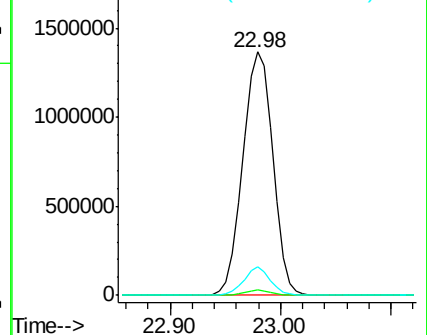
43 10.1 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.26 ng

RT: 29.06 min Scan# 4463

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

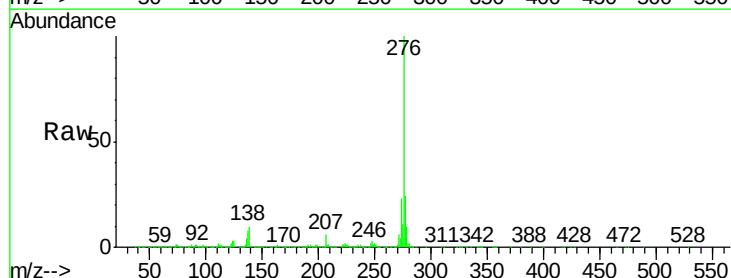
Tgt Ion:276 Resp: 3447545

Ion Ratio Lower Upper

276 100

138 6.2 0.0 0.0#

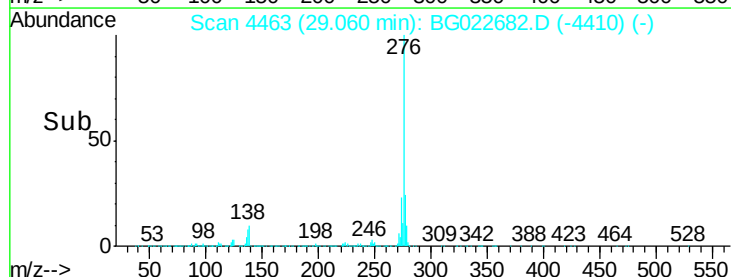
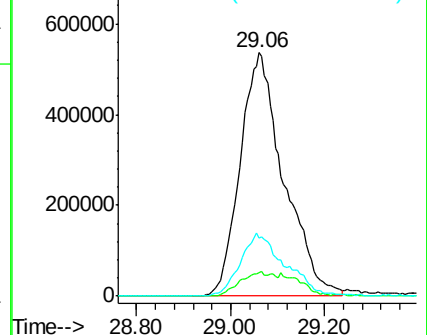
277 26.3 0.0 0.0#

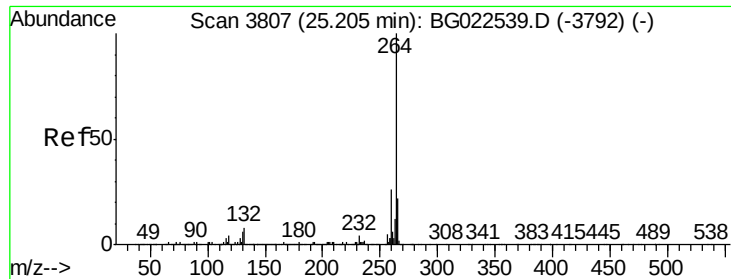


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



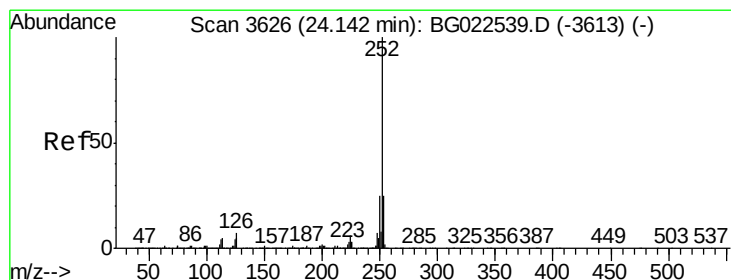
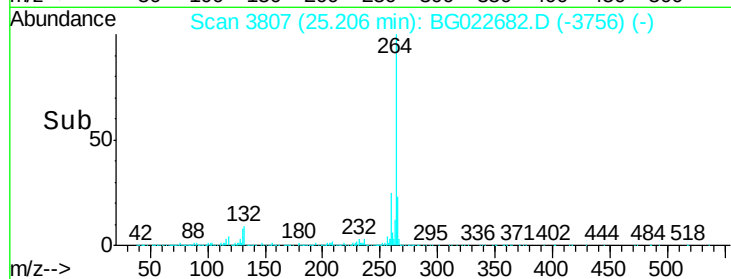
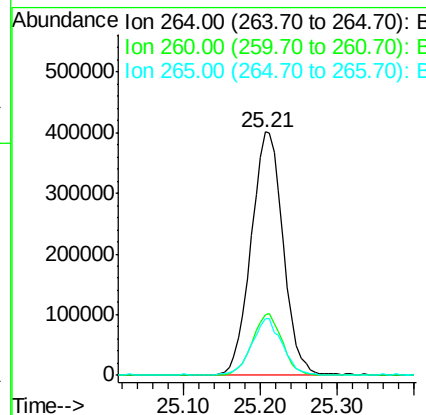
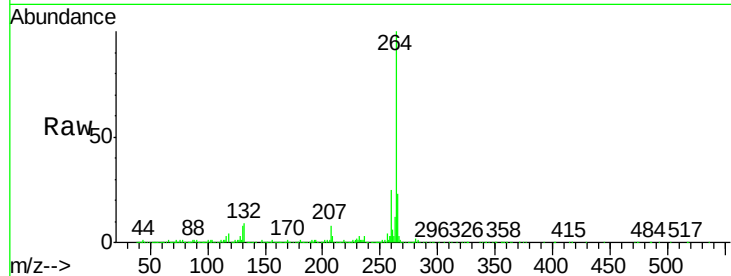


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Instrument :
BNA_G
ClientSampled :
PB91516BS

Tot Ion:264 Resp: 1167023

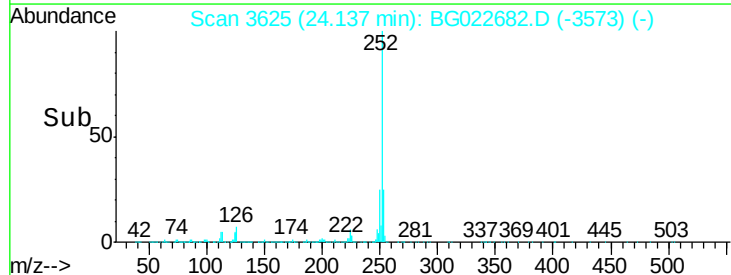
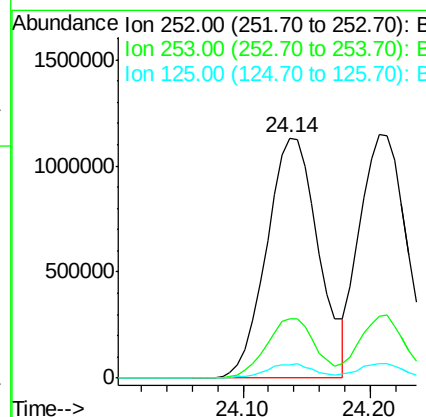
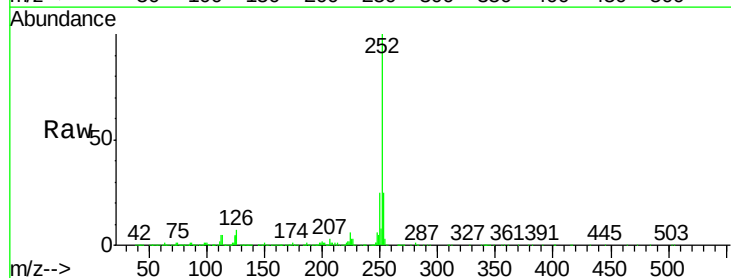
Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	23.2	18.9	28.3

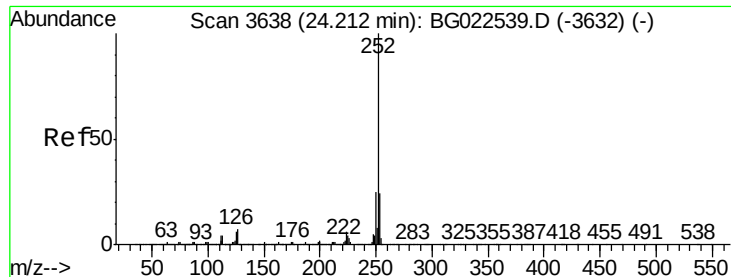


#87
Benzo(b)fluoranthene
Concen: 45.86 ng
RT: 24.14 min Scan# 3625
Delta R.T. 0.01 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion:252 Resp: 3218104

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.9	28.3
125	5.3	3.9	5.9





#88

Benzo(k)fluoranthene

Concen: 44.21 ng

RT: 24.21 min Scan# 3637

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

Instrument :

BNA_G

ClientSampleId :

PB91516BS

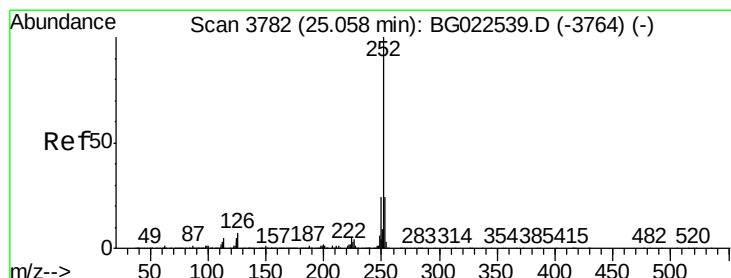
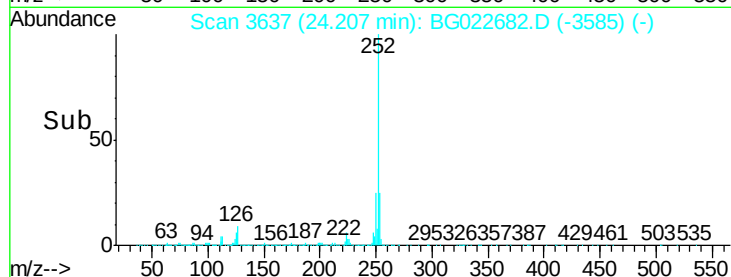
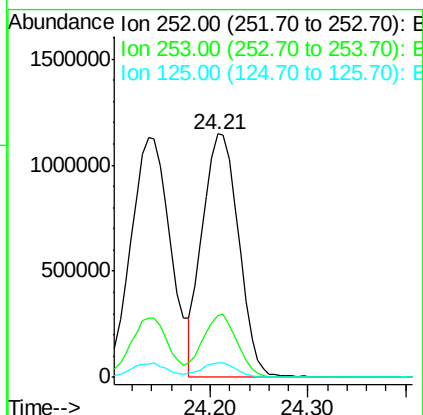
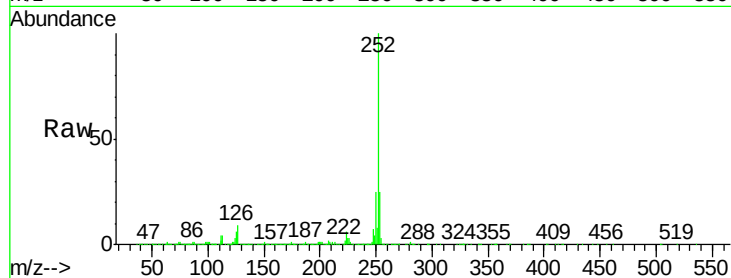
Tot Ion:252 Resp: 2932761

Ion Ratio Lower Upper

252 100

253 25.2 18.8 28.2

125 6.0 3.2 4.8#



#89

Benzo(a)pyrene

Concen: 44.29 ng

RT: 25.05 min Scan# 3781

Delta R.T. 0.01 min

Lab File: BG022682.D

Acq: 28 Jun 2016 19:06

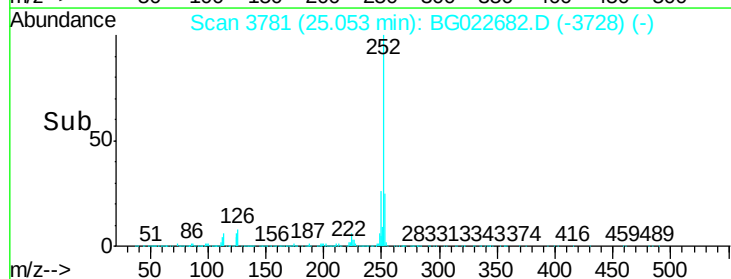
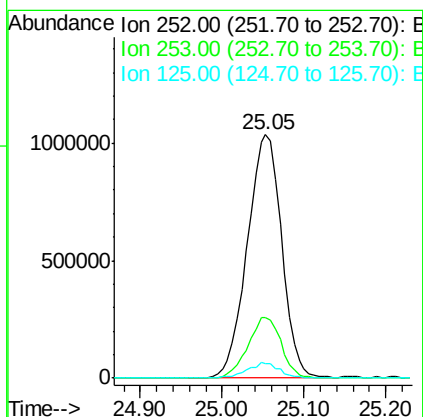
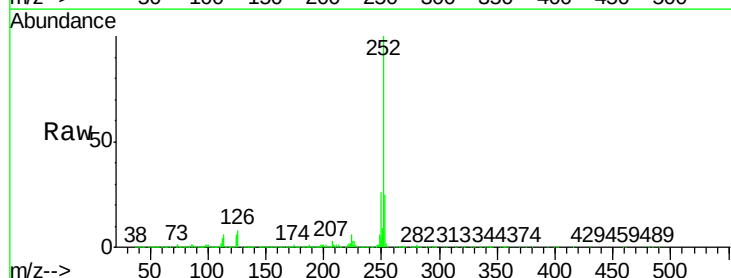
Tgt Ion:252 Resp: 3030120

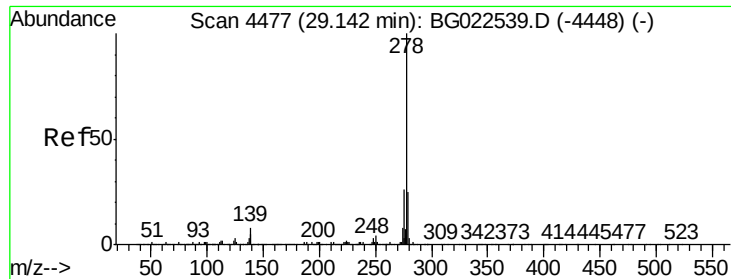
Ion Ratio Lower Upper

252 100

253 25.0 18.7 28.1

125 6.1 3.9 5.9#

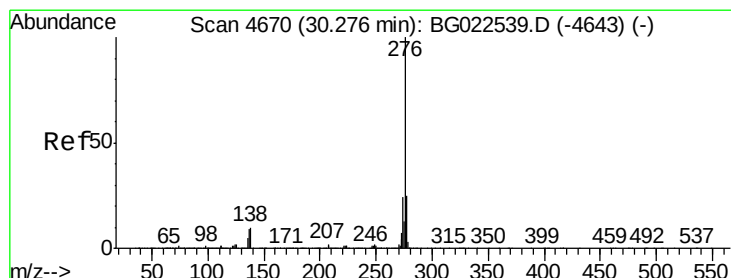
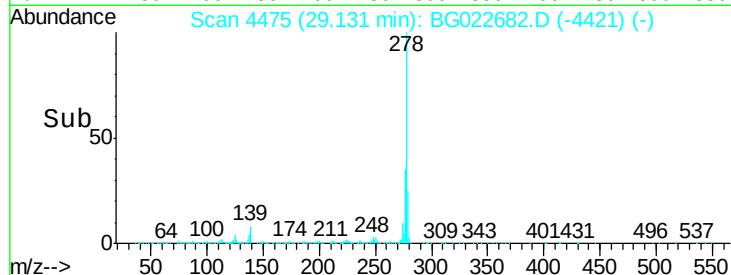
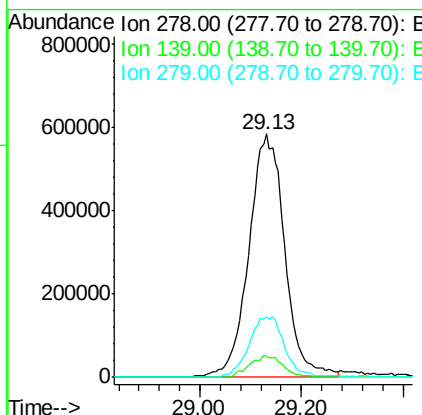
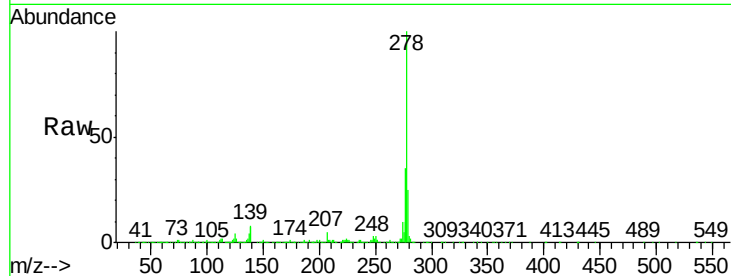




#90
Dibenzo(a,h)anthracene
Concen: 44.38 ng
RT: 29.13 min Scan# 4475
Delta R.T. 0.02 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Instrument :
BNA_G
ClientSampleId :
PB91516BS

Tot Ion:278 Resp: 2858046
Ion Ratio Lower Upper
278 100
139 8.5 4.7 7.1#
279 24.9 18.3 27.5



#91
Benzo(g,h,i)perylene
Concen: 42.73 ng
RT: 30.27 min Scan# 4669
Delta R.T. 0.02 min
Lab File: BG022682.D
Acq: 28 Jun 2016 19:06

Tgt Ion:276 Resp: 2801209
Ion Ratio Lower Upper
276 100
277 23.0 18.6 27.8
138 10.2 6.8 10.2

