

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
 Data File : BG022681.D
 Acq On : 28 Jun 2016 18:26
 Operator : UM/SJ
 Sample : PB91613BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

Quant Time: Jun 29 03:55:36 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	122839	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	514434	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	366648	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	982723	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1164323	20.00	ng	0.00
86) Perylene-d12	25.20	264	1167245	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	1041761	136.03	ng	0.00
7) Phenol-d6	7.31	99	1541263	142.78	ng	0.00
23) Nitrobenzene-d5	9.33	82	1046177	86.07	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	842157	146.03	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2020068	87.38	ng	0.00
78) Terphenyl-d14	20.16	244	3218558	73.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	106217	34.22	ng	# 93
3) Pyridine	3.98	79	352064	40.55	ng	95
4) n-Nitrosodimethylamine	3.89	42	183583	36.97	ng	99
6) Aniline	7.48	93	380111	26.56	ng	96
8) 2-Chlorophenol	7.72	128	375559	47.34	ng	98
9) Benzaldehyde	7.31	77	11697	3.08	ng	# 39
10) Phenol	7.33	94	559537	49.04	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	390900	41.62	ng	98
12) 1,3-Dichlorobenzene	8.05	146	392099	40.62	ng	99
13) 1,4-Dichlorobenzene	8.20	146	404558	41.80	ng	96
14) 1,2-Dichlorobenzene	8.52	146	388076	42.17	ng	96
15) Benzyl Alcohol	8.40	79	465970	46.65	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	432140	41.60	ng	96
17) 2-Methylphenol	8.60	107	358949	47.73	ng	92
18) Hexachloroethane	9.26	117	157566	39.33	ng	# 85
19) n-Nitroso-di-n-propylamine	8.97	70	380749	42.35	ng	93
20) 3+4-Methylphenols	8.93	107	489104	47.21	ng	97
22) Acetophenone	8.99	105	642931	43.23	ng	# 93
24) Nitrobenzene	9.37	77	561044	41.76	ng	93
25) Isophorone	9.90	82	971534	41.18	ng	98
26) 2-Nitrophenol	10.09	139	225624	46.63	ng	92
27) 2,4-Dimethylphenol	10.14	122	401531	43.43	ng	91
28) bis(2-Chloroethoxy)methane	10.38	93	558212	43.33	ng	99
29) 2,4-Dichlorophenol	10.63	162	439506	48.80	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	448356	41.92	ng	98
31) Naphthalene	11.04	128	1117804	43.23	ng	99
32) Benzoic acid	10.26	122	294688	48.68	ng	94
33) 4-Chloroaniline	11.14	127	106818	9.59	ng	98
34) Hexachlorobutadiene	11.31	225	352873	42.45	ng	98
35) Caprolactam	11.91	113	107742	37.97	ng	95
36) 4-Chloro-3-methylphenol	12.25	107	525439	47.52	ng	96
37) 2-Methylnaphthalene	12.63	142	862189	42.99	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	592260	42.79	ng	99
40) Hexachlorocyclopentadiene	12.98	237	821455	74.34	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	421101	47.44	ng	98
43) 2,4,5-Trichlorophenol	13.30	196	445148	47.93	ng	94
45) 1,1'-Biphenyl	13.63	154	1207018	43.22	ng	99
46) 2-Chloronaphthalene	13.67	162	982370	42.74	ng	97
47) 2-Nitroaniline	13.87	65	414096	46.68	ng	98
48) Acenaphthylene	14.52	152	1465883	43.98	ng	99
49) Dimethylphthalate	14.24	163	1326651	43.62	ng	96
50) 2,6-Dinitrotoluene	14.37	165	310669	47.01	ng	83
51) Acenaphthene	14.86	154	958185	39.02	ng	99
52) 3-Nitroaniline	14.70	138	179716	29.06	ng	91
53) 2,4-Dinitrophenol	14.90	184	426267	104.71	ng	94
54) Dibenzofuran	15.20	168	1558659	43.82	ng	98
55) 4-Nitrophenol	15.00	139	528392	101.04	ng	96
56) 2,4-Dinitrotoluene	15.16	165	464623	50.75	ng	91
57) Fluorene	15.85	166	1273266	44.86	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	466754	48.47	ng	99
59) Diethylphthalate	15.61	149	1368058	43.75	ng	# 94
60) 4-Chlorophenyl-phenylether	15.84	204	748874	44.32	ng	95
61) 4-Nitroaniline	15.87	138	306676	48.06	ng	88
62) Azobenzene	16.13	77	1402390	41.41	ng	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	324475	49.23	ng	95
65) n-Nitrosodiphenylamine	16.05	169	1213659	42.44	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	531263	41.67	ng	95
67) Hexachlorobenzene	16.85	284	570005	42.28	ng	98
68) Atrazine	17.00	200	546866	45.29	ng	98
69) Pentachlorophenol	17.20	266	814668	87.82	ng	96
70) Phenanthrene	17.60	178	2150607	42.91	ng	97
71) Anthracene	17.69	178	2162502	41.93	ng	98
72) Carbazole	17.96	167	1978015	45.24	ng	97
73) Di-n-butylphthalate	18.50	149	2240584	44.01	ng	98
74) Fluoranthene	19.60	202	2619862	45.38	ng	96
76) Benzidine	19.78	184	1109096	89.47	ng	99
77) Pyrene	19.97	202	2612763	42.13	ng	94
79) Butylbenzylphthalate	20.84	149	1169431	43.56	ng	95
80) Benzo(a)anthracene	21.83	228	2817029	43.72	ng	96
81) 3,3'-Dichlorobenzidine	21.74	252	640229	24.06	ng	99
82) Chrysene	21.90	228	2642578	43.65	ng	92
83) Bis(2-ethylhexyl)phthalate	21.72	149	1553082	41.09	ng	96
84) Di-n-octyl phthalate	22.98	149	2588694	41.55	ng	97
85) Indeno(1,2,3-cd)pyrene	29.05	276	3338294	41.96	ng	# 100
87) Benzo(b)fluoranthene	24.13	252	3124828	44.52	ng	98
88) Benzo(k)fluoranthene	24.21	252	2858879	43.09	ng	# 95
89) Benzo(a)pyrene	25.05	252	2982721	43.59	ng	# 97
90) Dibenzo(a,h)anthracene	29.12	278	2841398	44.11	ng	# 95
91) Benzo(g,h,i)perylene	30.26	276	2726420	41.58	ng	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

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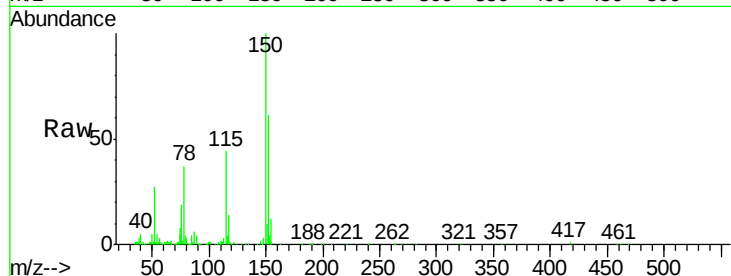
Tgt Ion:152 Resp: 122839

Ion Ratio Lower Upper

152 100

150 163.3 144.7 217.1

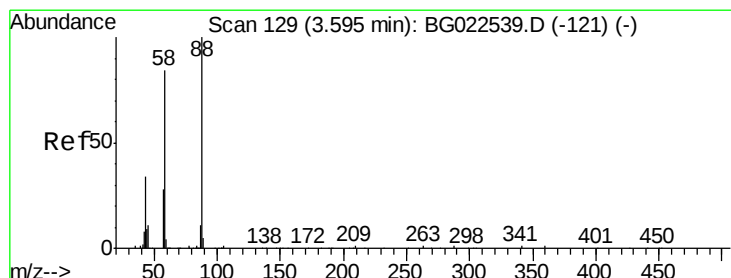
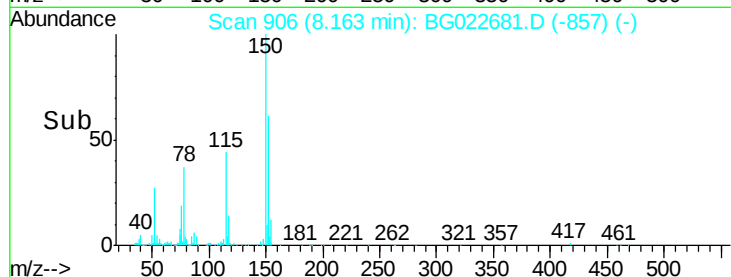
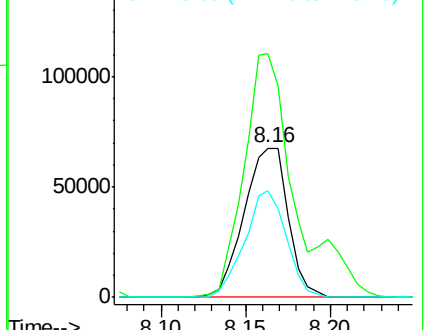
115 71.9 64.0 96.0



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: 34.22 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

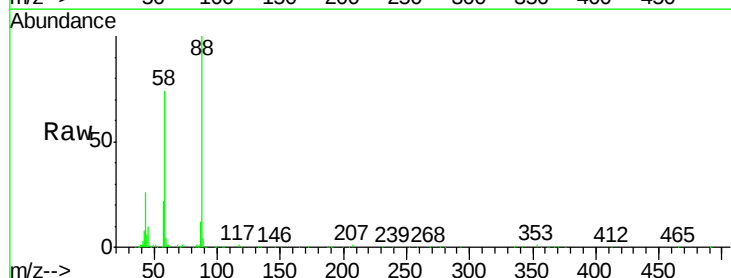
Tgt Ion: 88 Resp: 106217

Ion Ratio Lower Upper

88 100

58 75.1 60.4 90.6

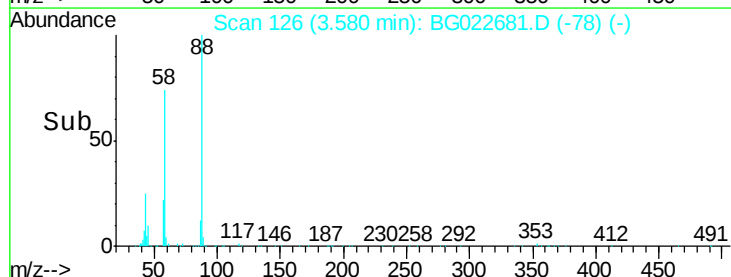
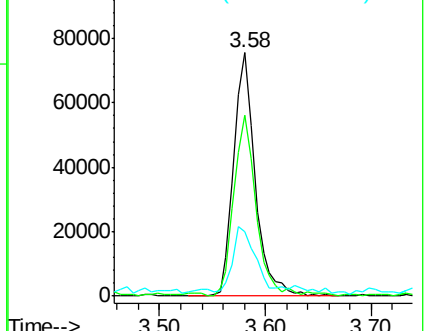
43 26.3 31.1 46.7#

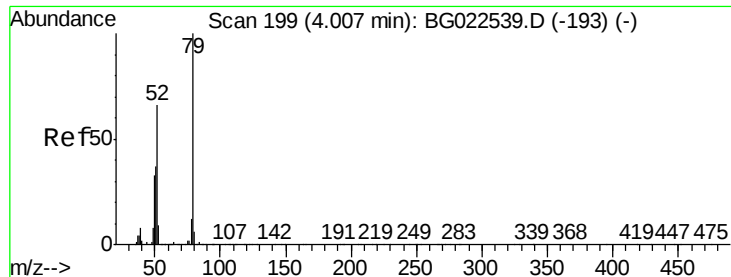


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 40.55 ng

RT: 3.98 min Scan# 194

Delta R.T. -0.03 min

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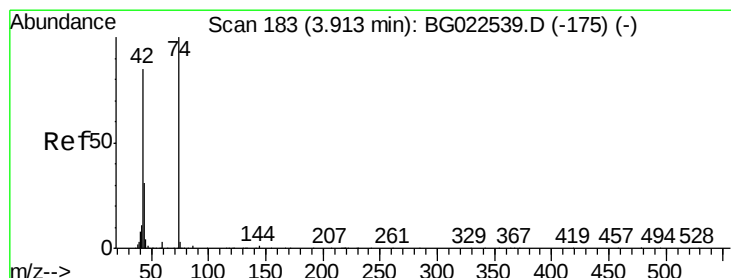
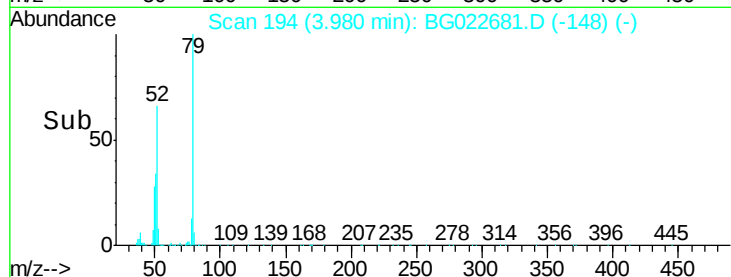
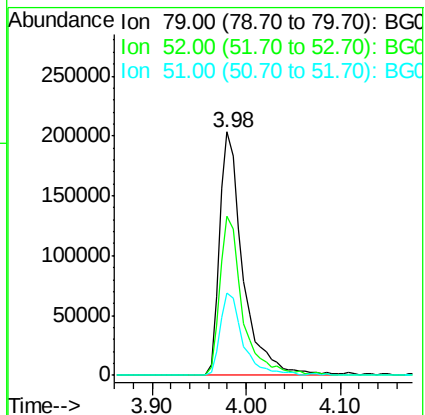
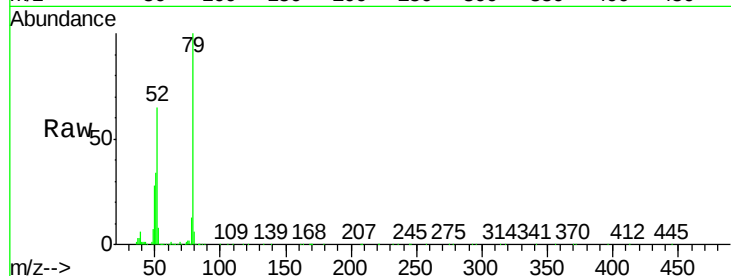
Tgt Ion: 79 Resp: 352064

Ion Ratio Lower Upper

79 100

52 65.4 51.8 77.8

51 33.8 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 36.97 ng

RT: 3.89 min Scan# 179

Delta R.T. -0.02 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

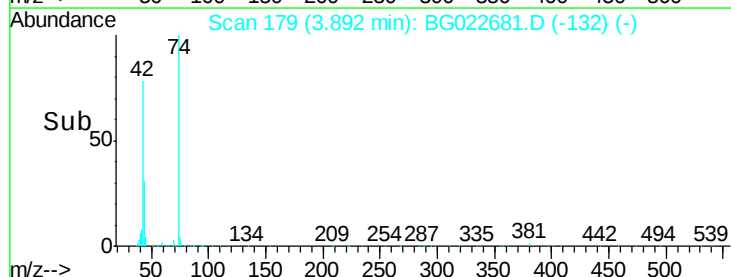
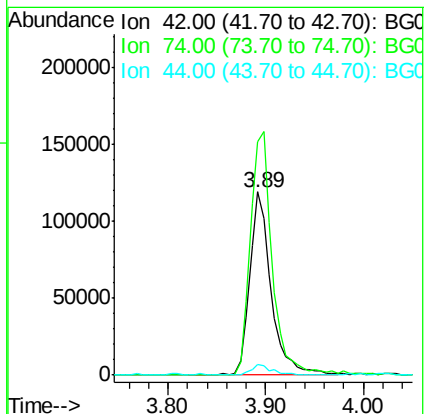
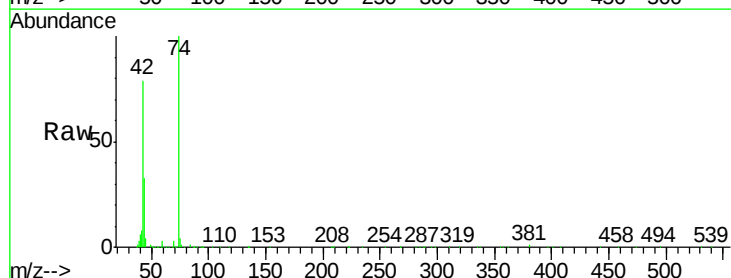
Tgt Ion: 42 Resp: 183583

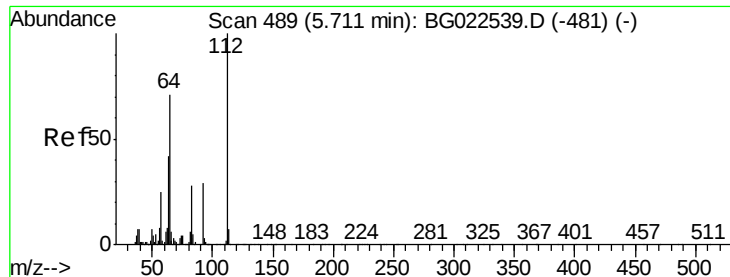
Ion Ratio Lower Upper

42 100

74 127.3 100.6 150.8

44 5.5 4.5 6.7





#5

2-Fluorophenol

Concen: 136.03 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

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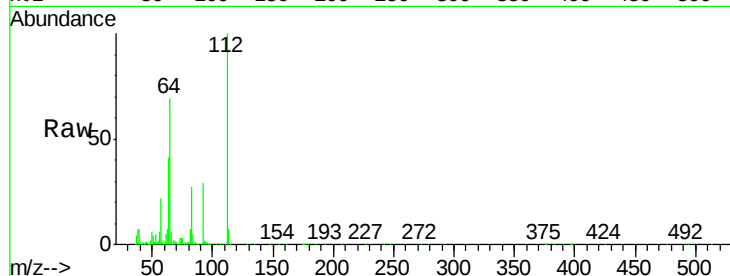
Tgt Ion: 112 Resp: 1041761

Ion Ratio Lower Upper

112 100

64 69.2 59.0 88.4

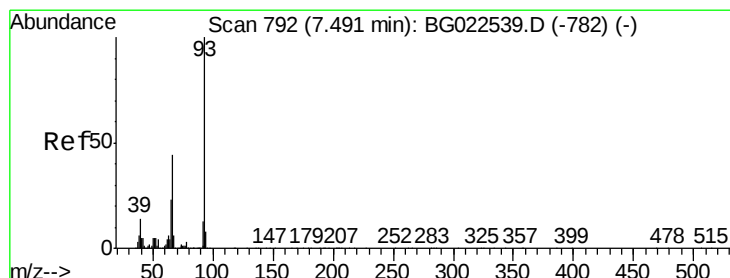
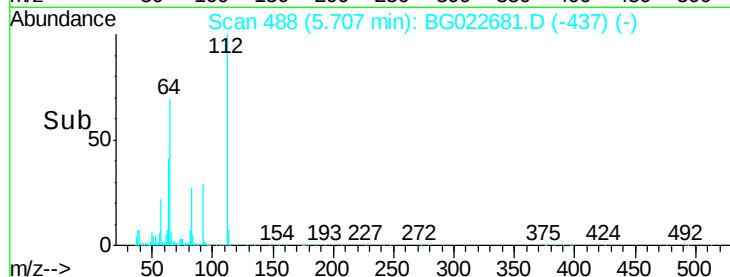
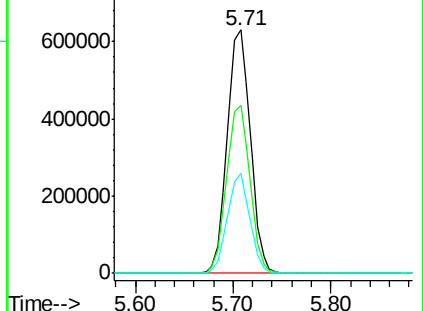
63 40.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.56 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

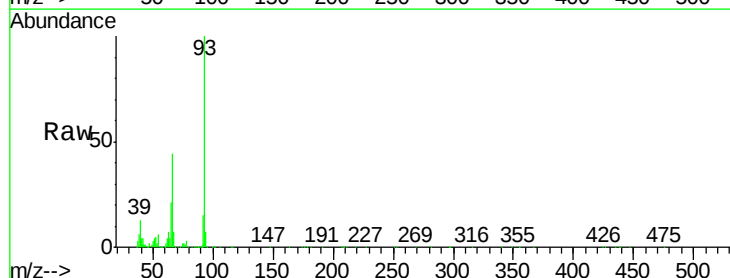
Tgt Ion: 93 Resp: 380111

Ion Ratio Lower Upper

93 100

66 44.0 37.5 56.3

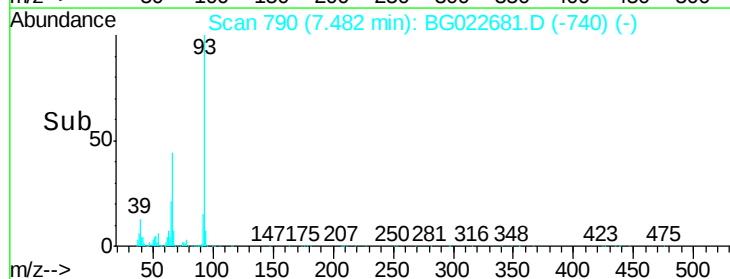
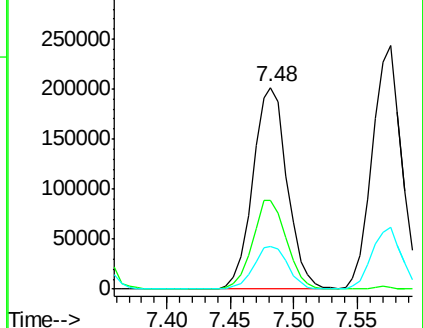
65 21.3 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.78 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

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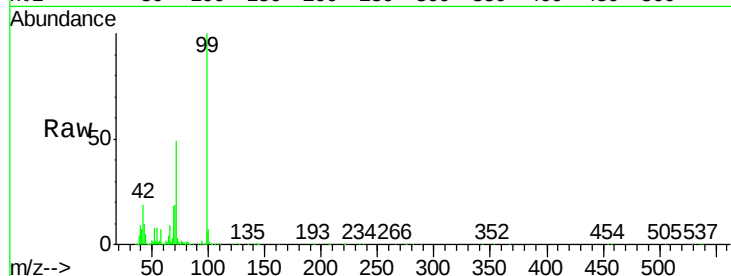
Tgt Ion: 99 Resp: 1541263

Ion Ratio Lower Upper

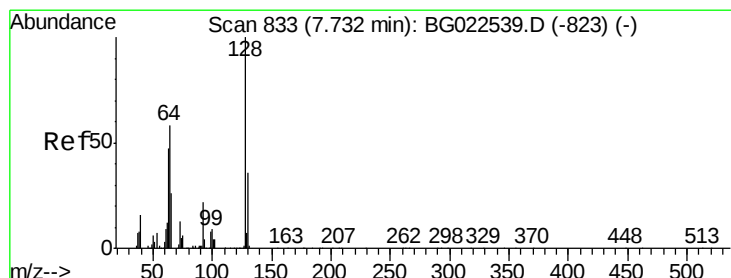
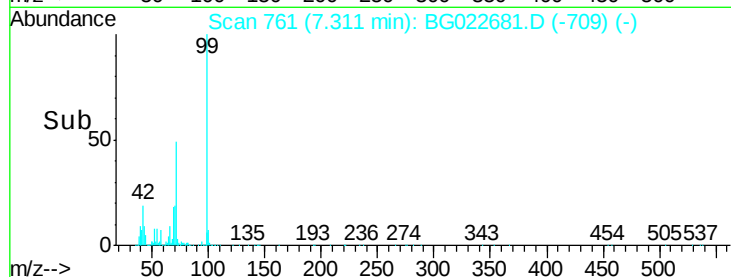
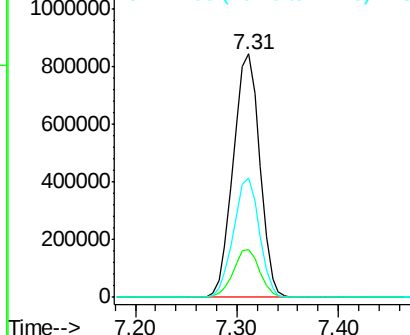
99 100

42 19.4 17.8 26.6

71 49.0 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.34 ng

RT: 7.72 min Scan# 831

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

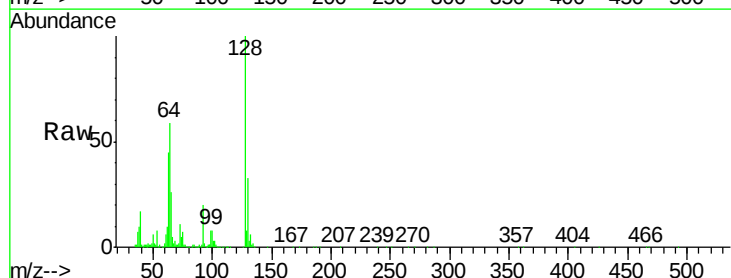
Tgt Ion: 128 Resp: 375559

Ion Ratio Lower Upper

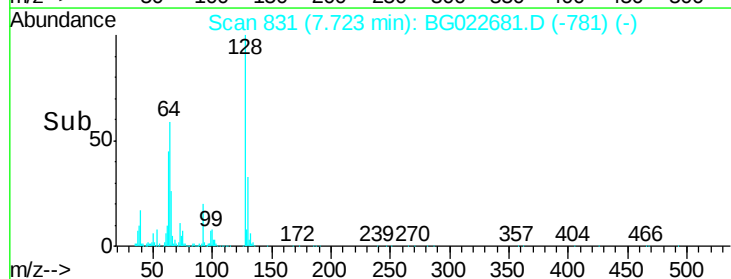
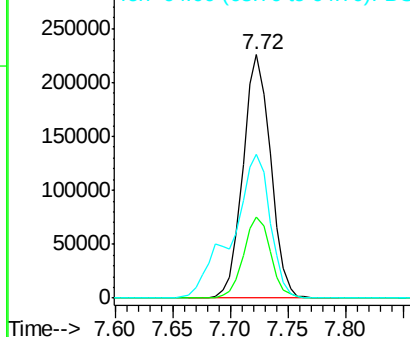
128 100

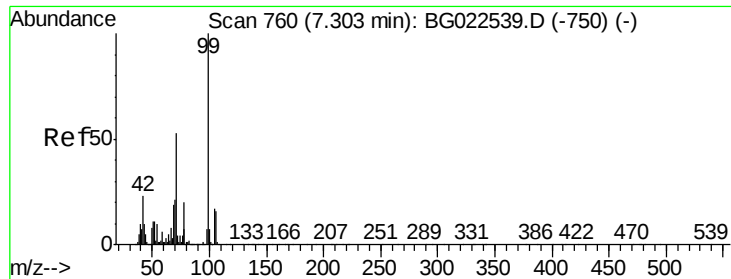
130 33.2 12.9 52.9

64 59.3 42.0 82.0



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





#9

Benzaldehyde

Concen: 3.08 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

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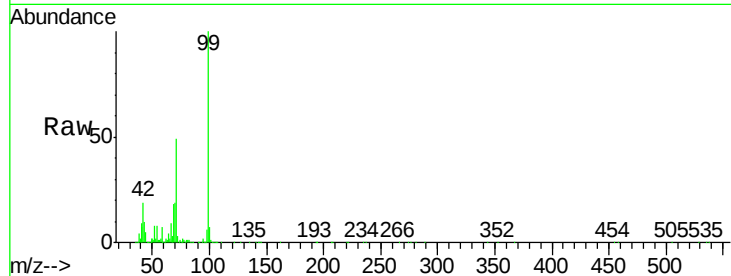
Tgt Ion: 77 Resp: 11697

Ion Ratio Lower Upper

77 100

105 39.6 58.7 98.7#

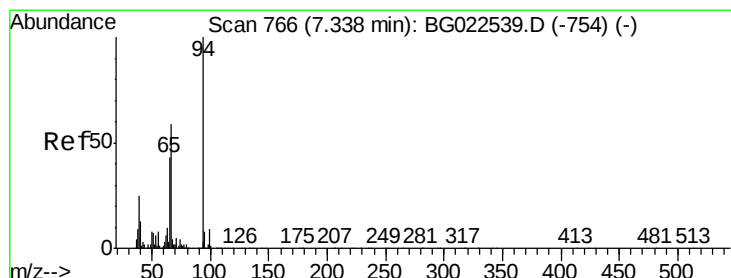
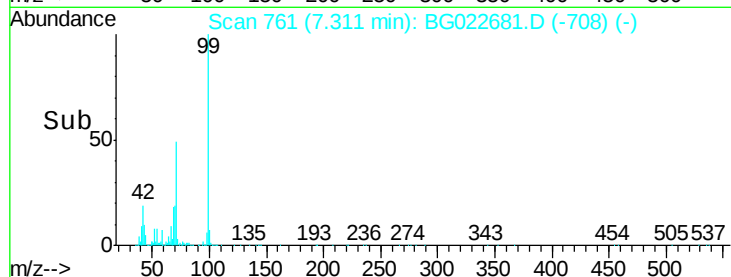
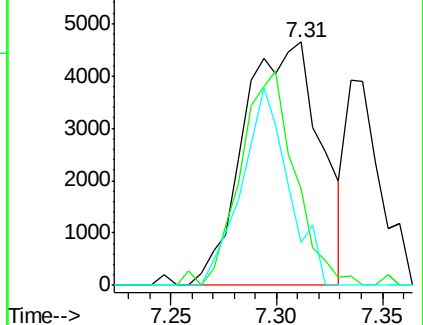
106 17.6 67.5 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.04 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

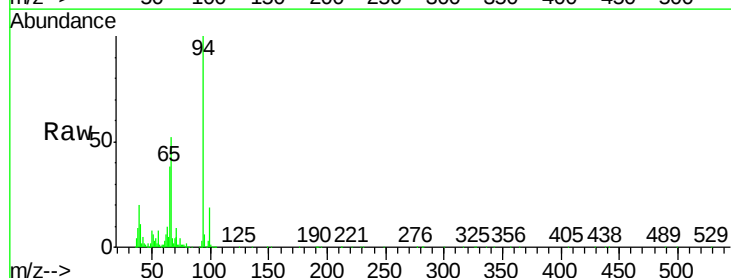
Tgt Ion: 94 Resp: 559537

Ion Ratio Lower Upper

94 100

65 37.8 18.1 58.1

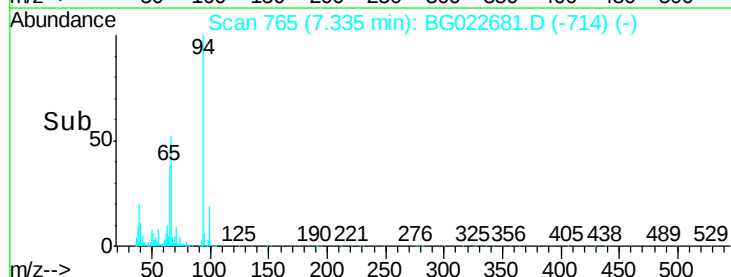
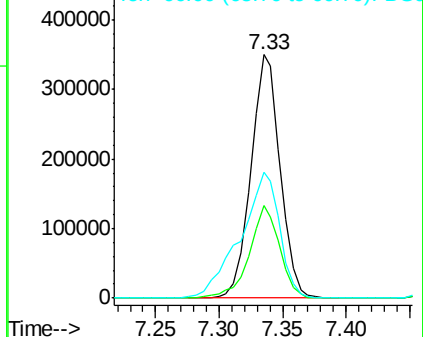
66 51.6 42.1 82.1

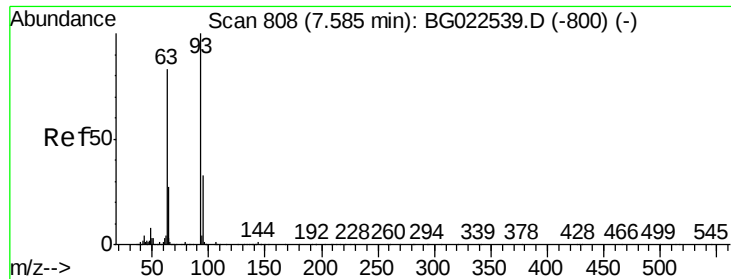


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

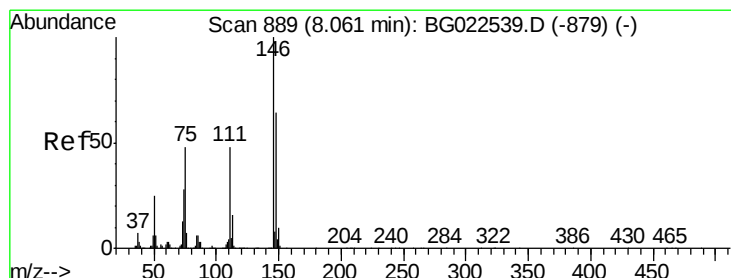
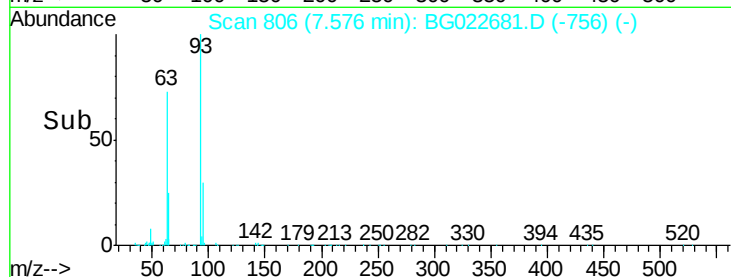
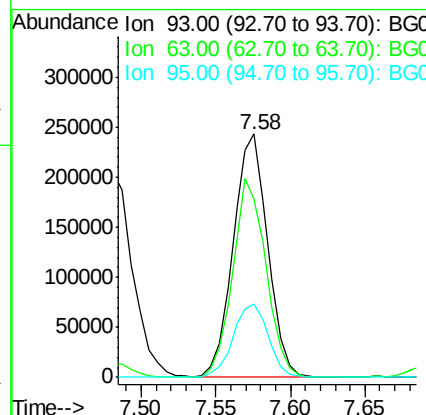
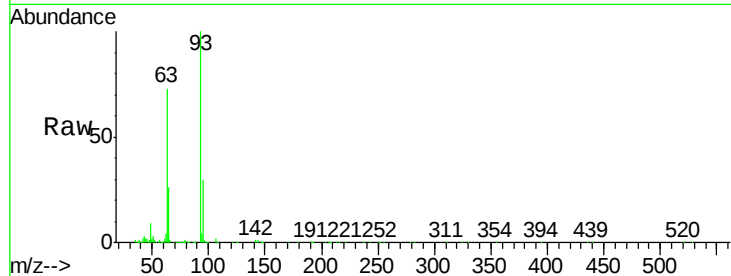




#11
bis(2-Chloroethyl)ether
Concen: 41.62 ng
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

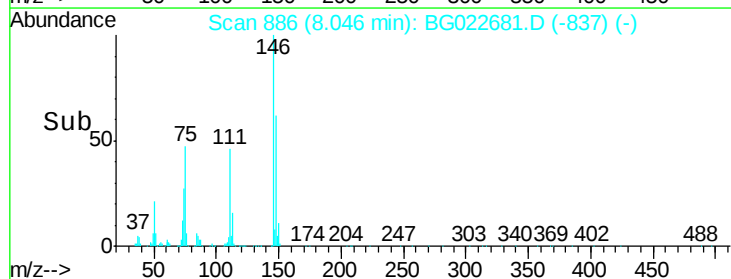
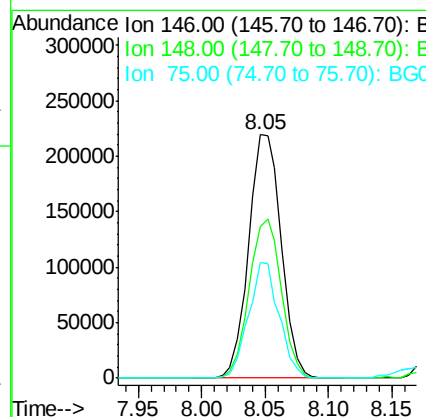
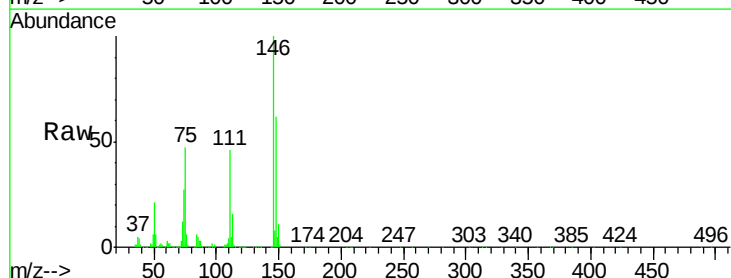
Instrument :
BNA_G
ClientSampleId :
PB91613BS

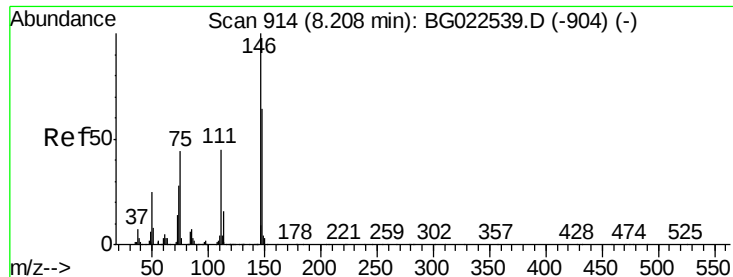
Tgt Ion:	93	Resp:	390900
Ion	Ratio	Lower	Upper
93	100		
63	73.2	55.0	95.0
95	29.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 40.62 ng
RT: 8.05 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion:	146	Resp:	392099
Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.3	75.5
75	47.3	37.0	55.6

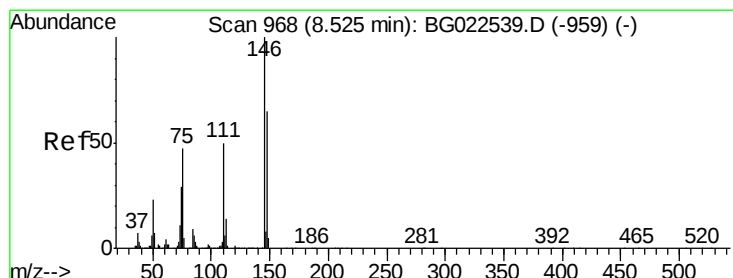
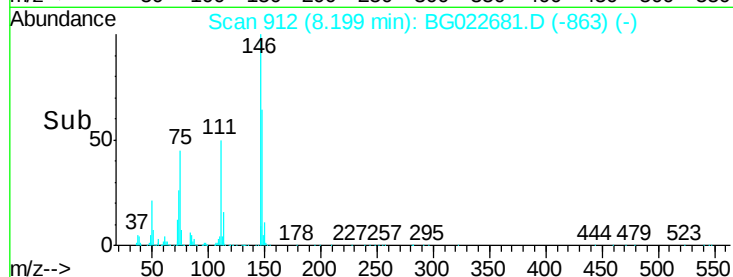
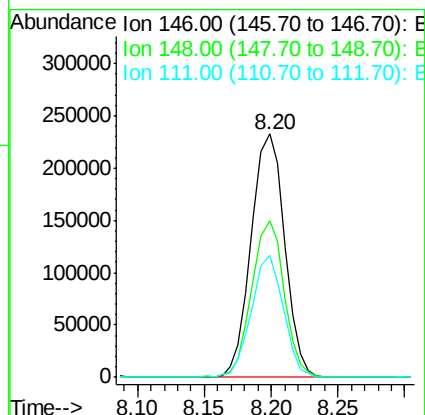
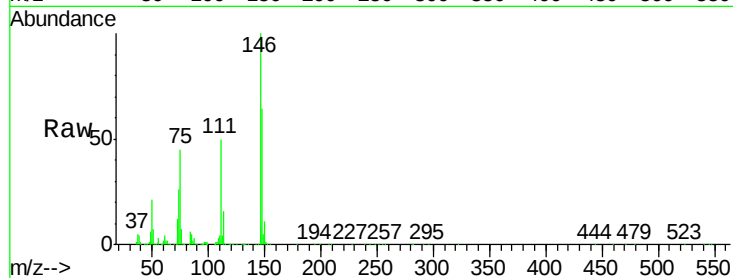




#13
 1,4-Dichlorobenzene
 Concen: 41.80 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

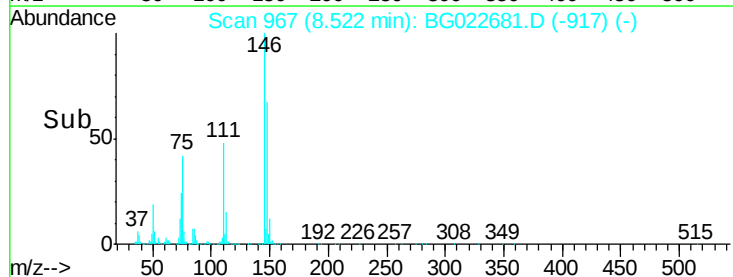
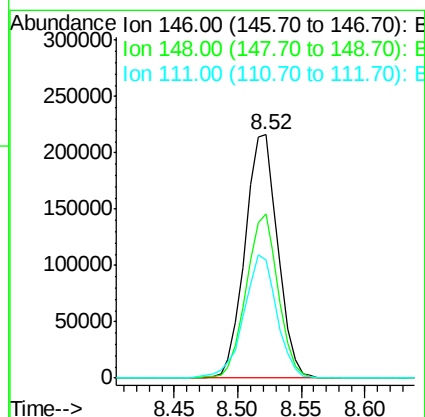
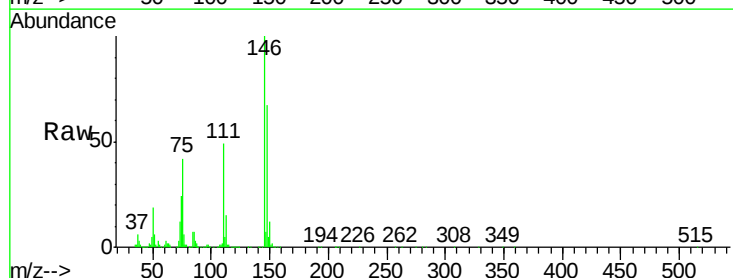
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

Tgt Ion:146 Resp: 404558
 Ion Ratio Lower Upper
 146 100
 148 64.5 54.5 81.7
 111 49.9 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 42.17 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion:146 Resp: 388076
 Ion Ratio Lower Upper
 146 100
 148 67.4 52.9 79.3
 111 48.7 43.5 65.3





#15

Benzyl Alcohol

Concen: 46.65 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

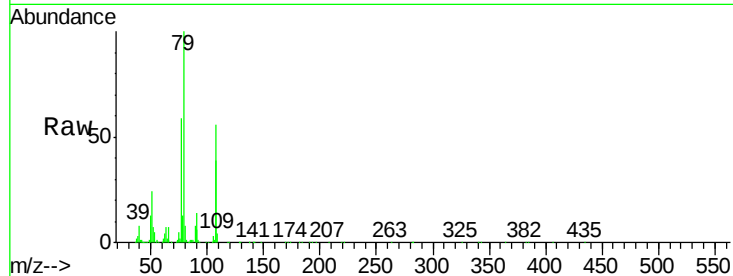
Tgt Ion: 79 Resp: 465970

Ion Ratio Lower Upper

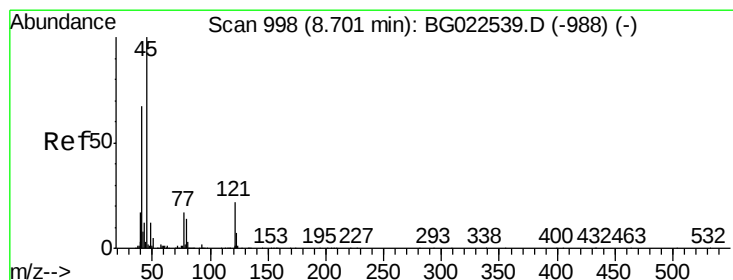
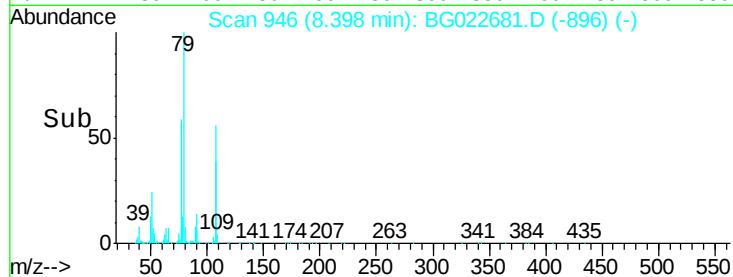
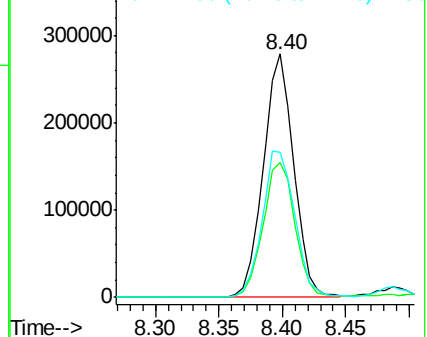
79 100

108 55.6 46.5 69.7

77 59.4 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'-oxybis(1-Chloropropane)

Concen: 41.60 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

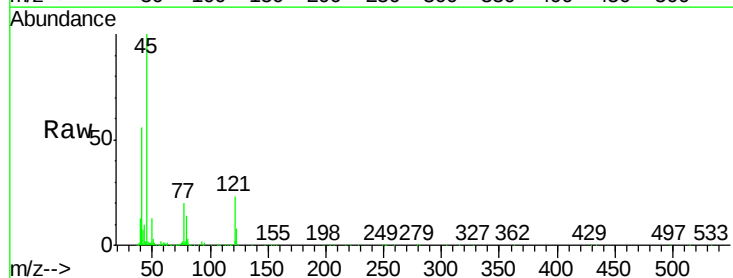
Tgt Ion: 45 Resp: 432140

Ion Ratio Lower Upper

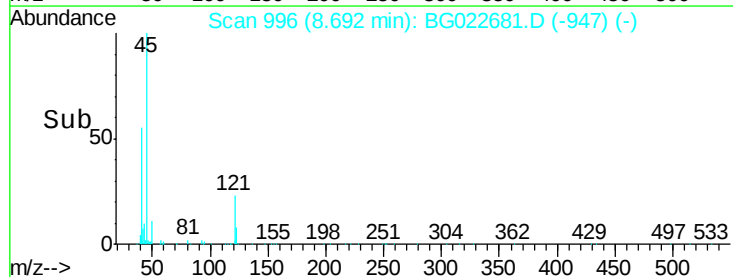
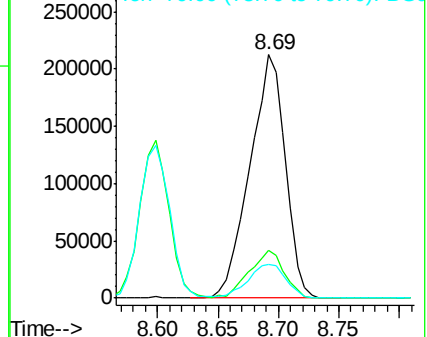
45 100

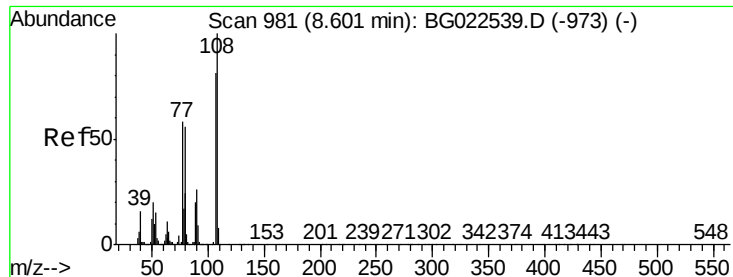
77 19.5 0.6 40.6

79 14.0 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

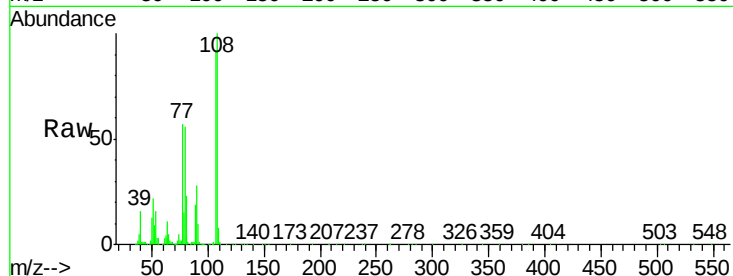




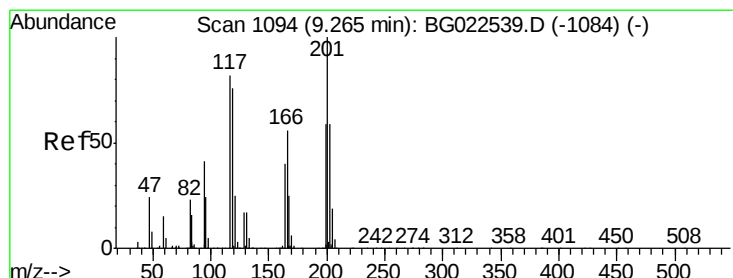
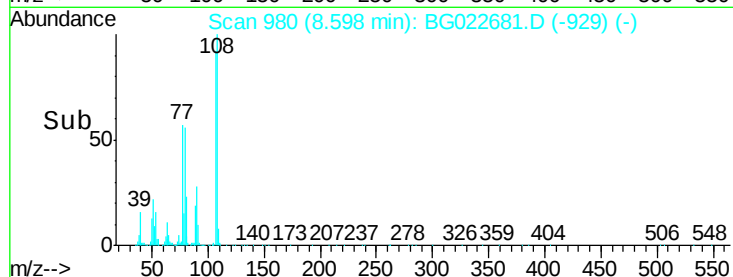
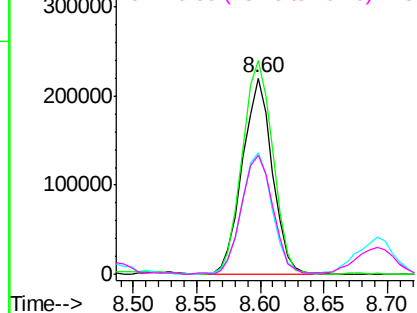
#17
2-Methylphenol
Concen: 47.73 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Instrument :
BNA_G
ClientSampleId :
PB91613BS

Tgt Ion:	107	Resp:	358949
Ion	Ratio	Lower	Upper
107	100		
108	109.0	92.0	138.0
77	62.4	55.8	83.6
79	60.5	55.0	82.6

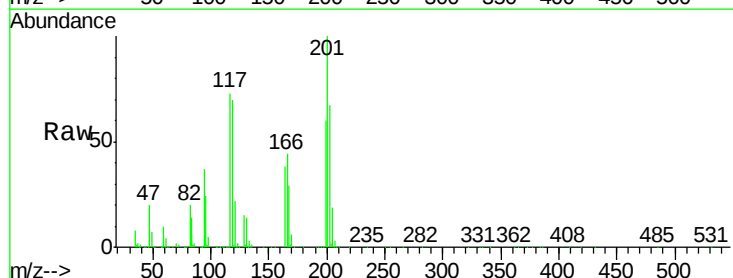


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

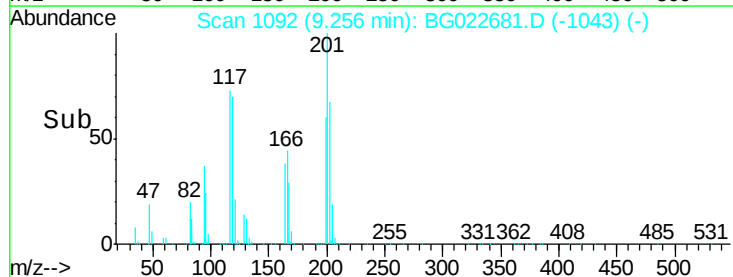
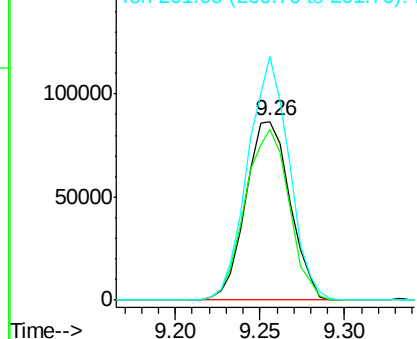


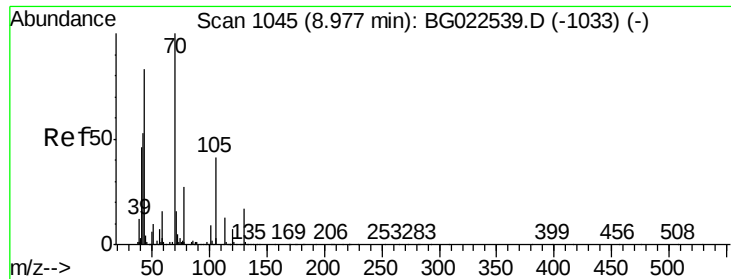
#18
Hexachloroethane
Concen: 39.33 ng
RT: 9.26 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion:	117	Resp:	157566
Ion	Ratio	Lower	Upper
117	100		
119	95.4	73.7	110.5
201	136.5	88.7	133.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

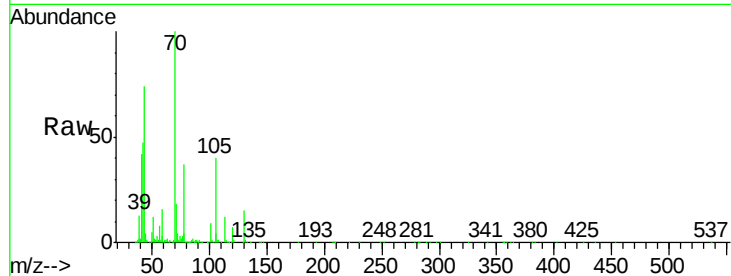




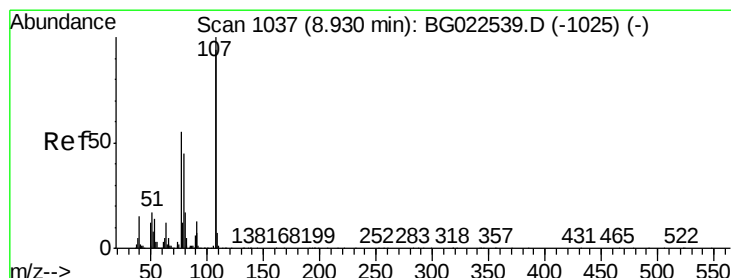
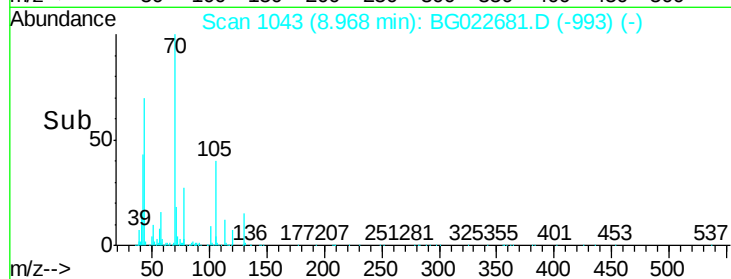
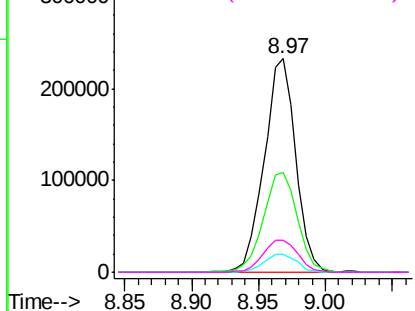
#19
n-Nitroso-di-n-propylamine
Concen: 42.35 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Instrument :
BNA_G
ClientSampleId :
PB91613BS

Tgt Ion:	70	Resp:	380749
Ion	Ratio	Lower	Upper
70	100		
42	46.9	42.1	63.1
101	8.7	7.2	10.8
130	14.8	14.2	21.2

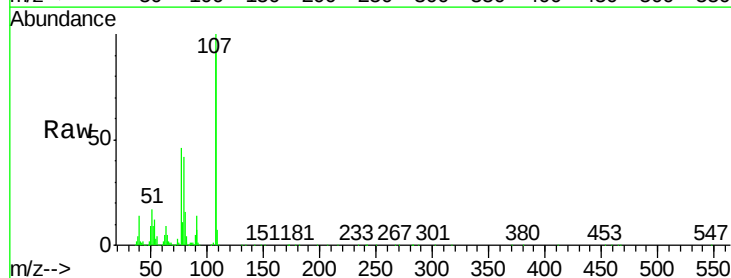


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

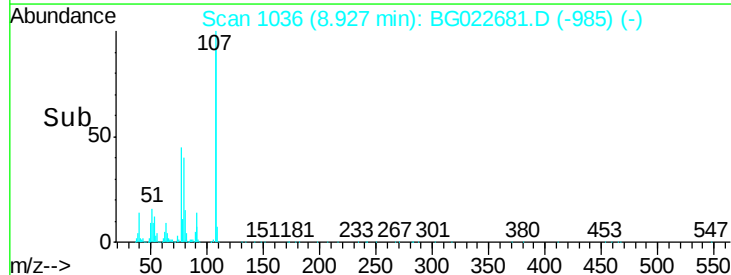
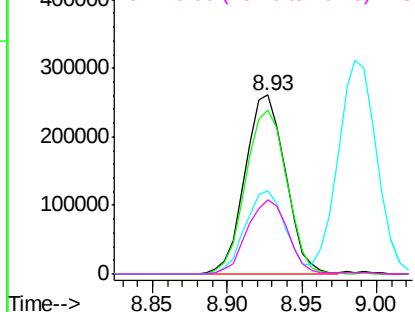


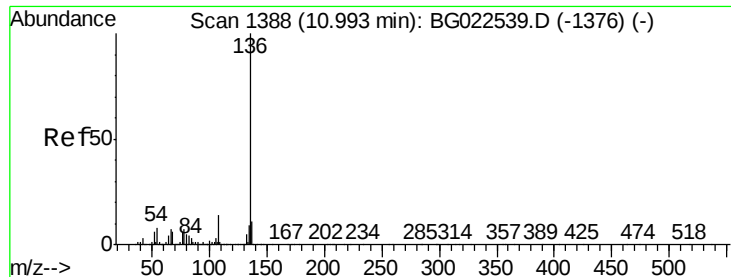
#20
3+4-Methylphenols
Concen: 47.21 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion:	107	Resp:	489104
Ion	Ratio	Lower	Upper
107	100		
108	91.5	72.5	112.5
77	46.4	30.1	70.1
79	41.5	24.2	64.2



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

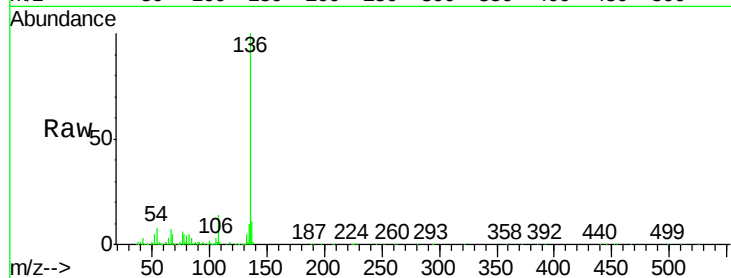
Instrument :

BNA_G

ClientSampleId :

PB91613BS

Tgt Ion:	136	Resp:	514434
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.6	14.4
54	7.9	7.3	10.9
68	5.3	5.3	7.9#



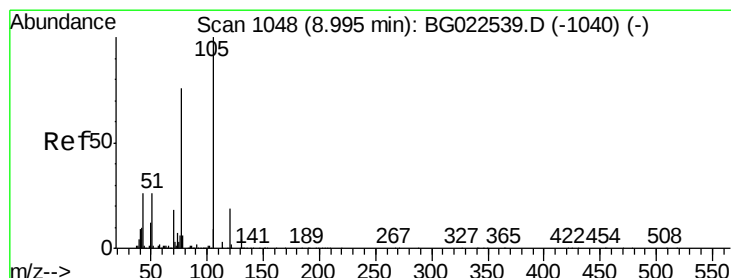
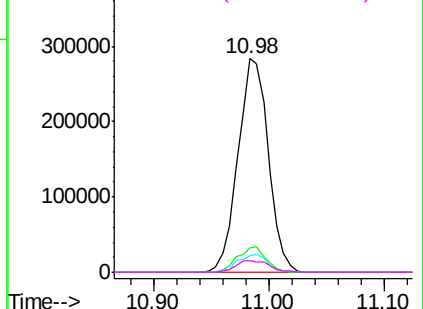
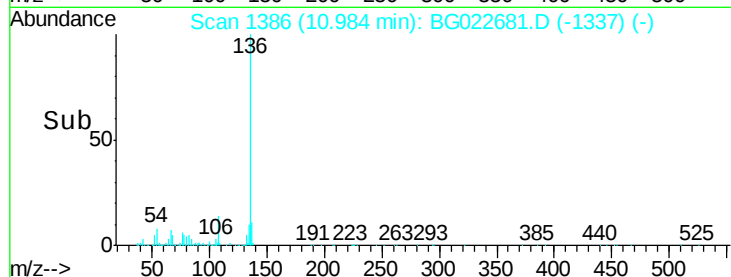
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.23 ng

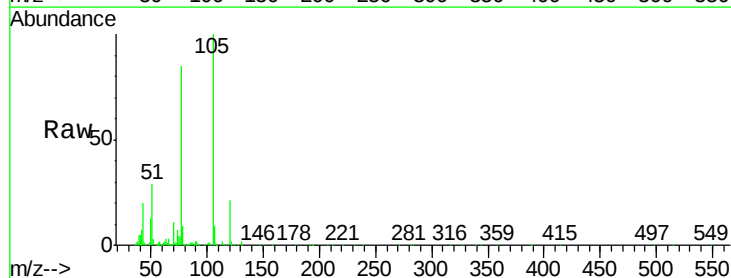
RT: 8.99 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Tgt Ion:	105	Resp:	642931
Ion Ratio	Lower	Upper	
105	100		
71	1.5	2.6	3.8#
51	29.3	27.1	40.7
120	21.1	15.1	22.7



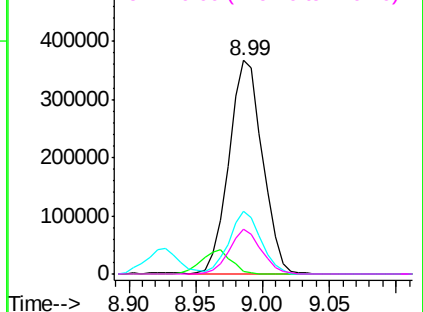
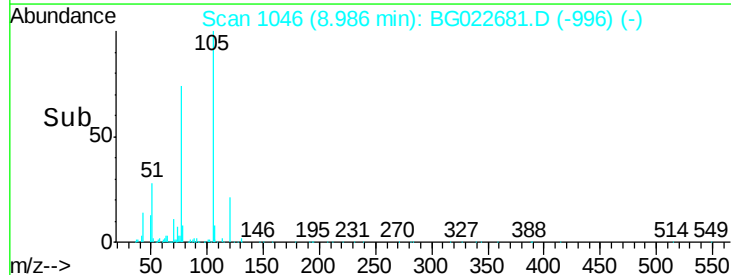
Abundance

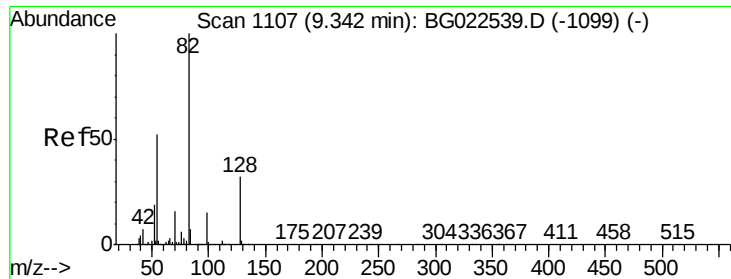
Ion 105.00 (104.70 to 105.70): E

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

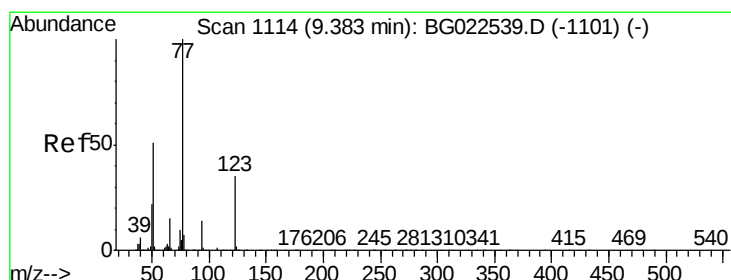
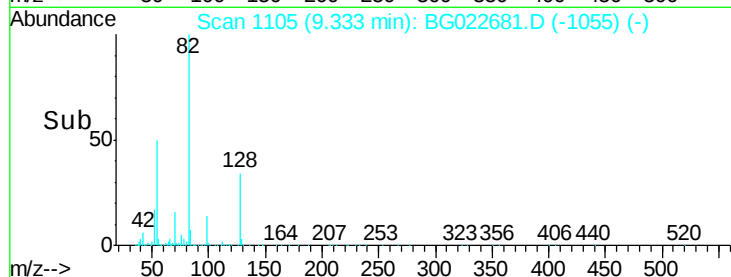
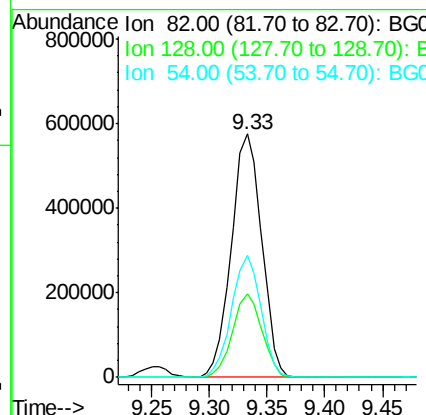
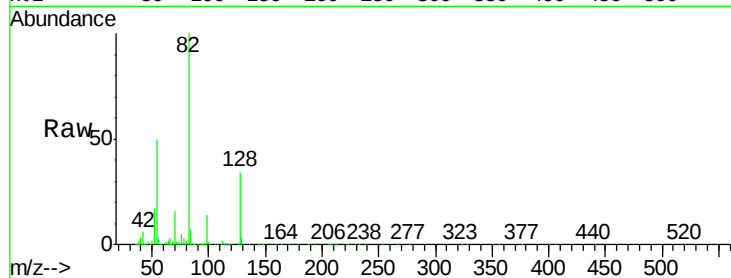




#23
 Nitrobenzene-d5
 Concen: 86.07 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

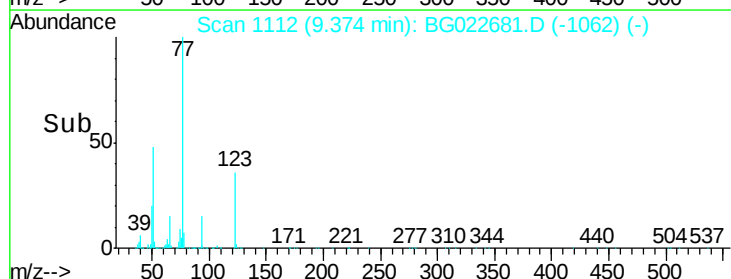
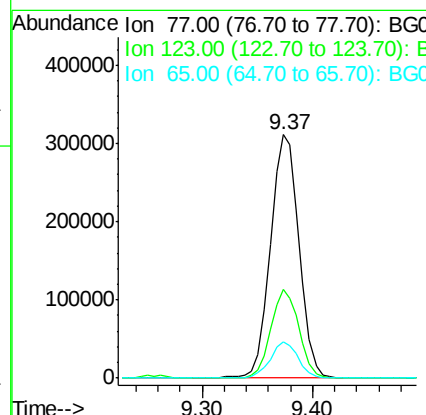
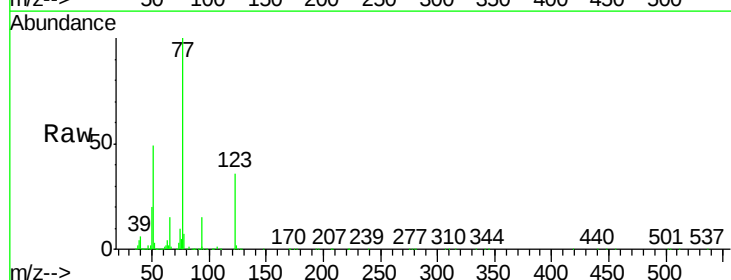
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

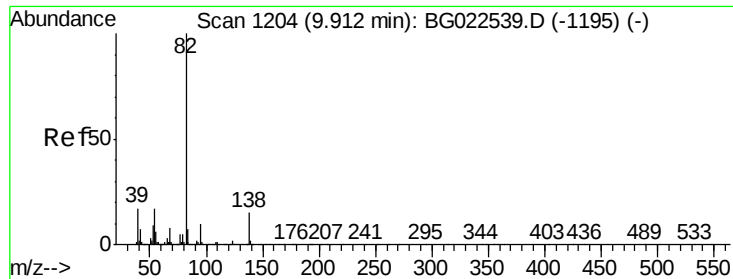
Tgt Ion: 82 Resp: 1046177
 Ion Ratio Lower Upper
 82 100
 128 34.2 24.4 36.6
 54 50.2 41.4 62.0



#24
 Nitrobenzene
 Concen: 41.76 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion: 77 Resp: 561044
 Ion Ratio Lower Upper
 77 100
 123 36.4 25.0 37.6
 65 15.0 13.4 20.0

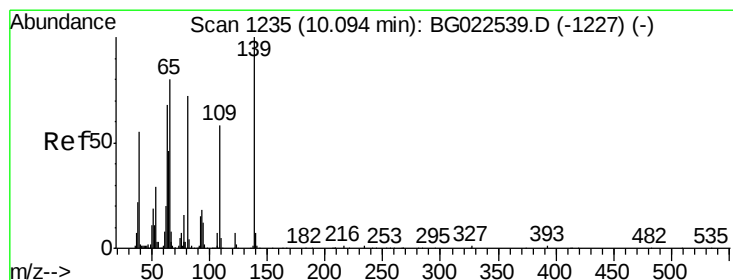
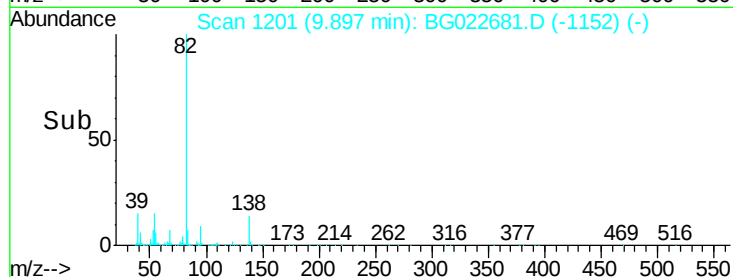
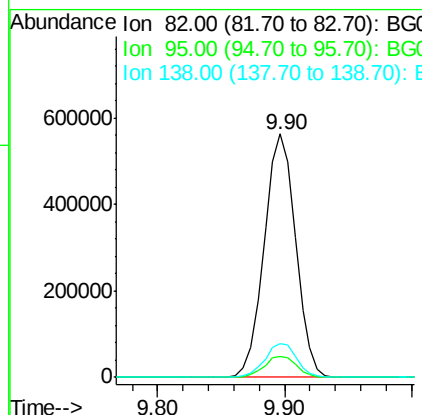
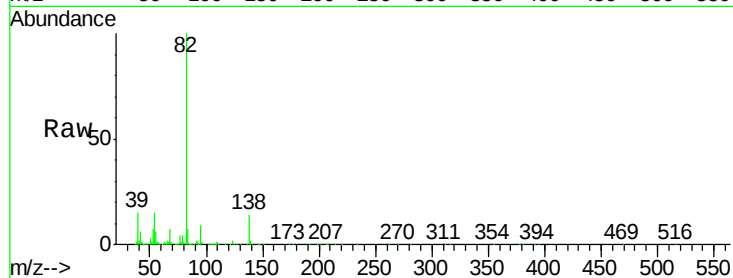




#25
Isophorone
Concen: 41.18 ng
RT: 9.90 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

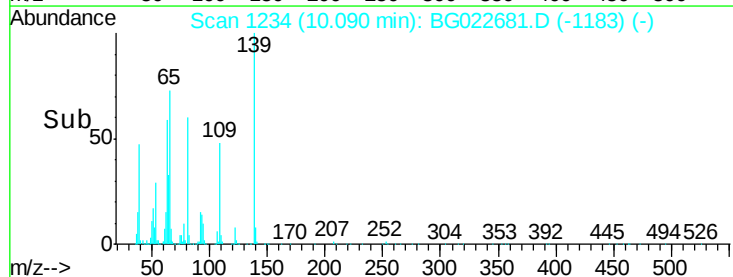
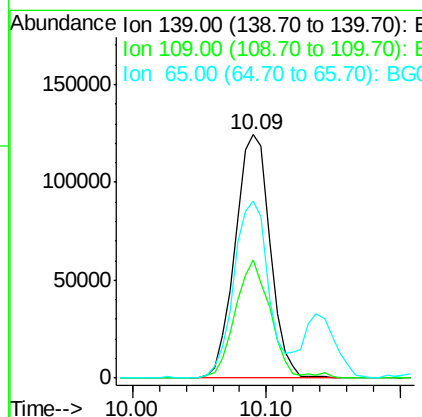
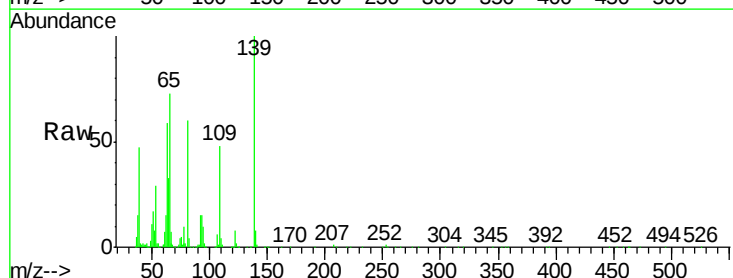
Instrument :
BNA_G
ClientSampleId :
PB91613BS

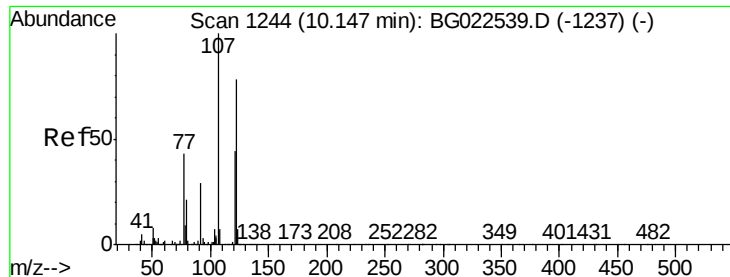
Tgt Ion: 82 Resp: 971534
Ion Ratio Lower Upper
82 100
95 8.8 8.2 12.2
138 13.8 10.7 16.1



#26
2-Nitrophenol
Concen: 46.63 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion: 139 Resp: 225624
Ion Ratio Lower Upper
139 100
109 48.5 43.5 65.3
65 73.0 64.3 96.5

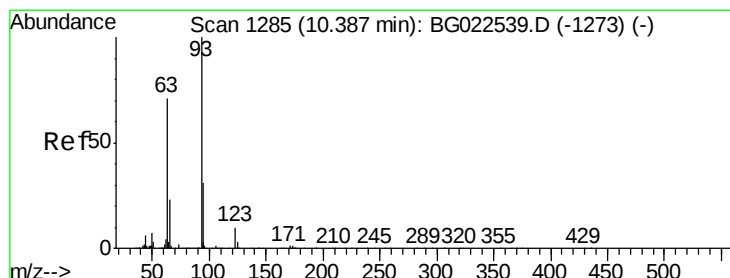
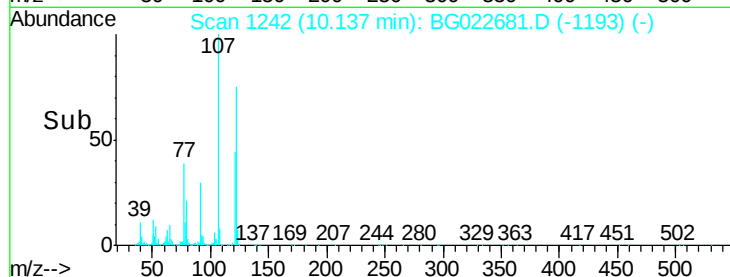
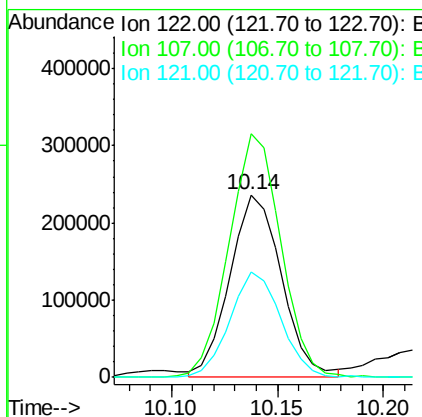
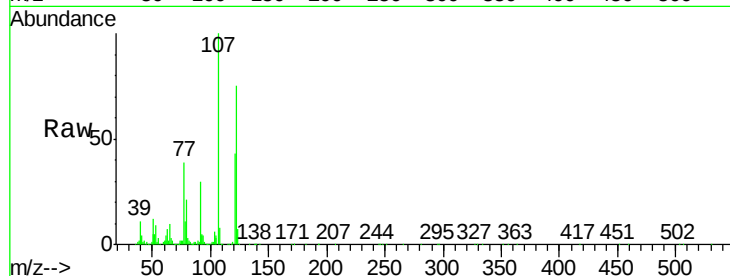




#27
2,4-Dimethylphenol
Concen: 43.43 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

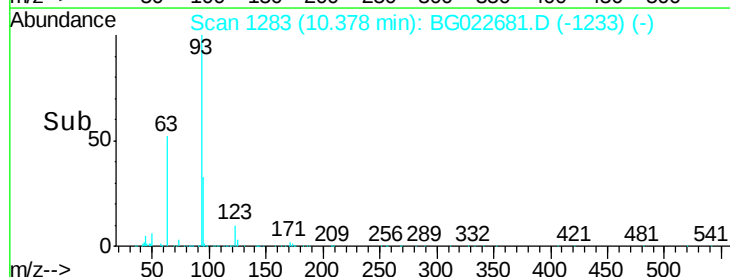
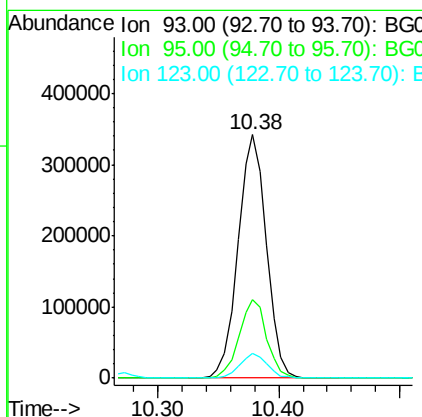
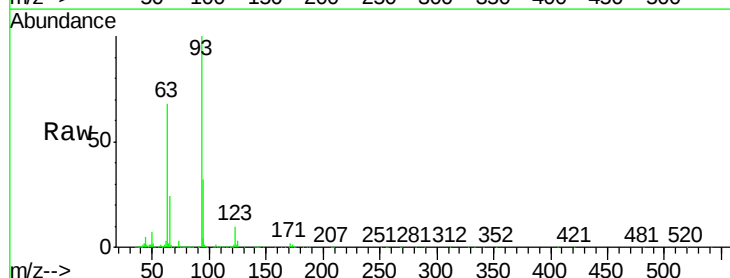
Instrument :
BNA_G
ClientSampleId :
PB91613BS

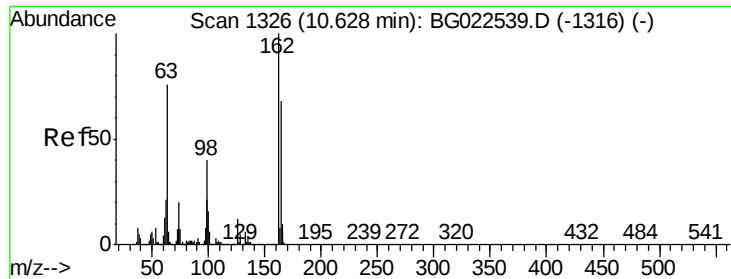
Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.3	117.0	175.4
121	57.9	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.33 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.4	38.2
123	10.2	8.2	12.2

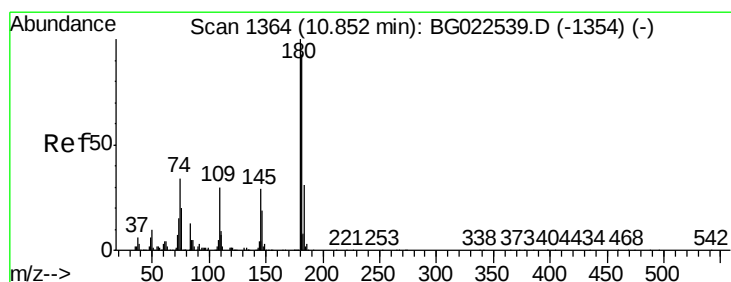
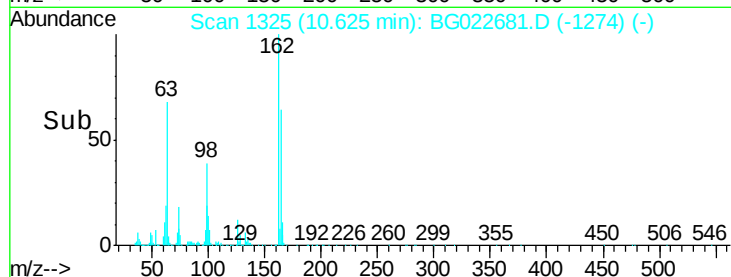
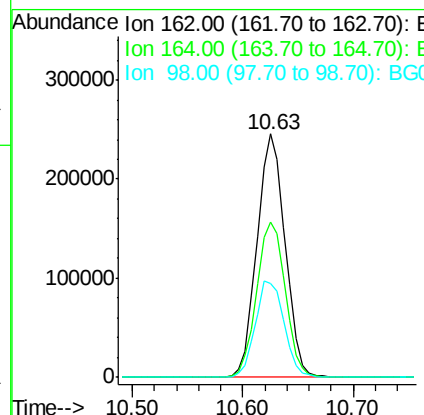
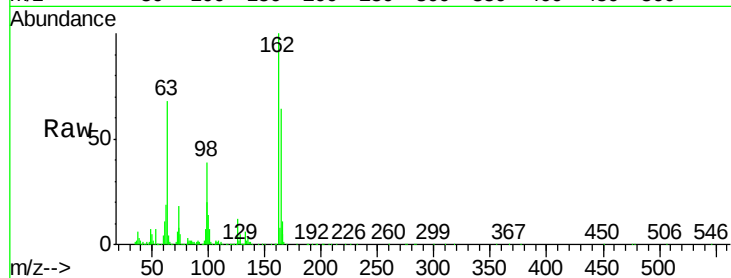




#29
 2,4-Dichlorophenol
 Concen: 48.80 ng
 RT: 10.63 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

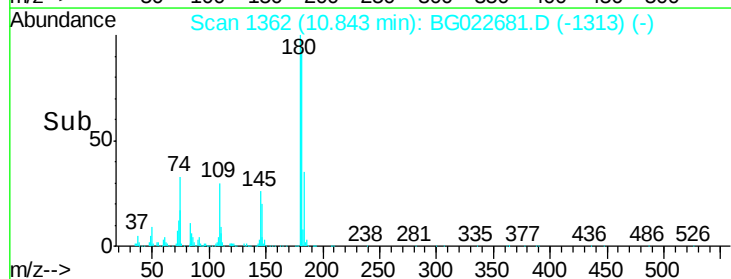
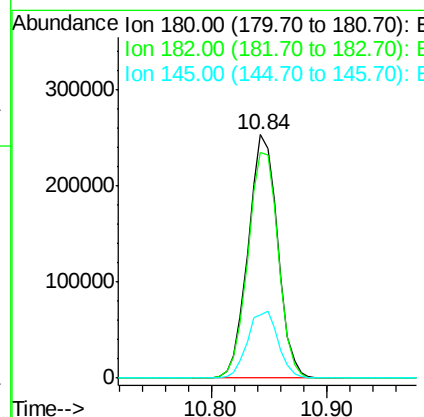
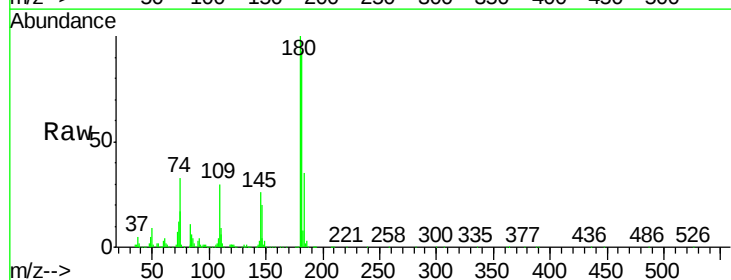
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

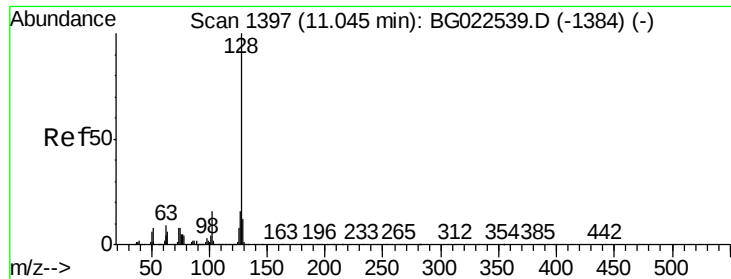
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	38.8	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.92 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	73.8	110.8
145	26.0	24.4	36.6

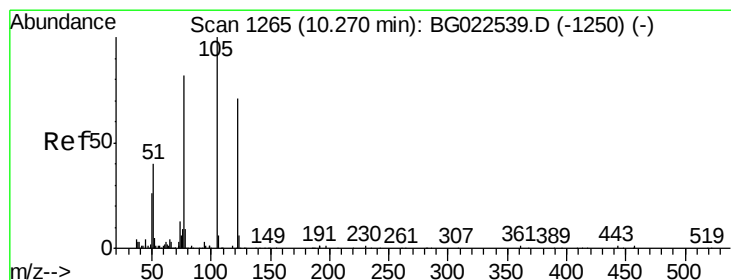
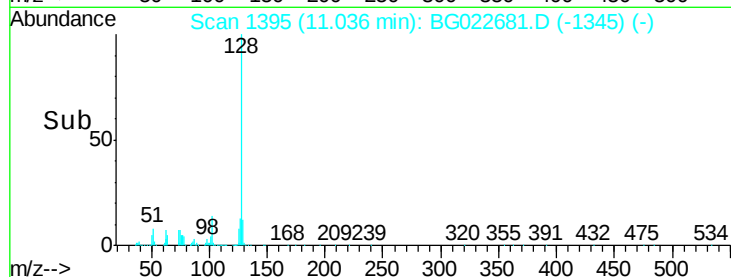
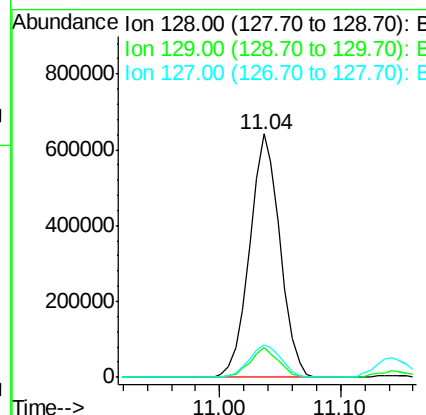
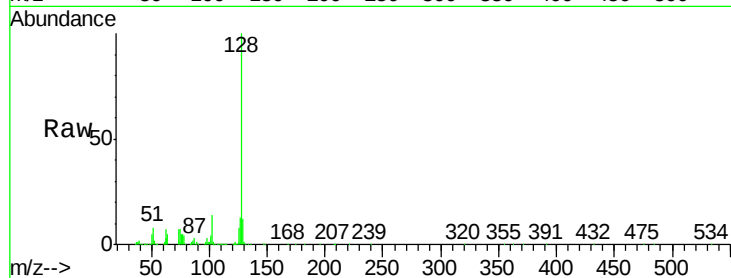




#31
Naphthalene
Concen: 43.23 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

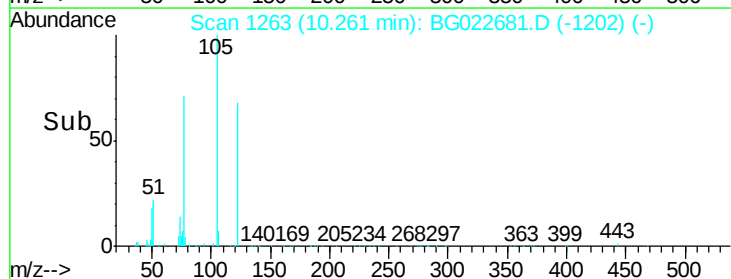
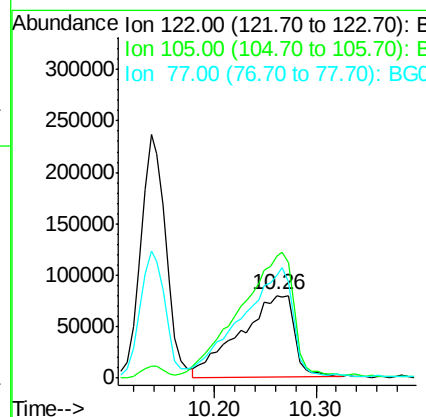
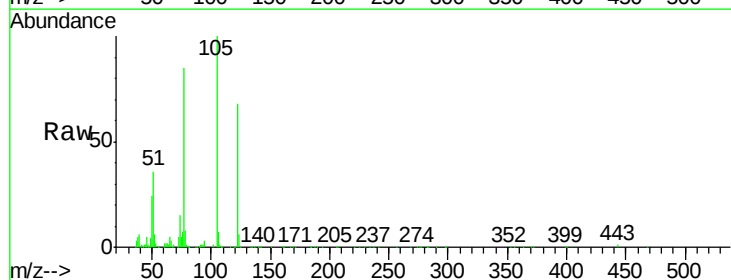
Instrument :
BNA_G
ClientSampleId :
PB91613BS

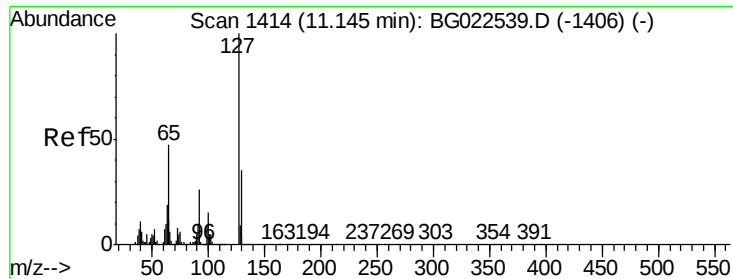
Tgt Ion:128 Resp: 1117804
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.4 11.3 16.9



#32
Benzoic acid
Concen: 48.68 ng
RT: 10.26 min Scan# 1263
Delta R.T. 0.06 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion:122 Resp: 294688
Ion Ratio Lower Upper
122 100
105 148.1 117.2 157.2
77 125.4 109.2 149.2

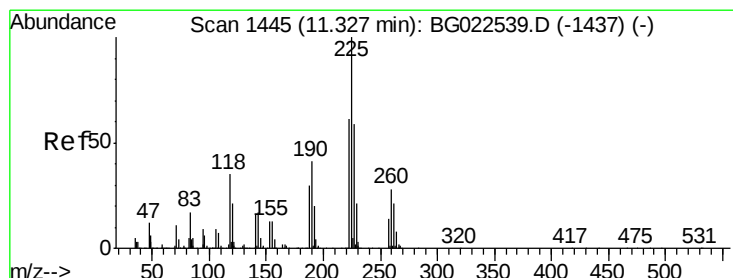
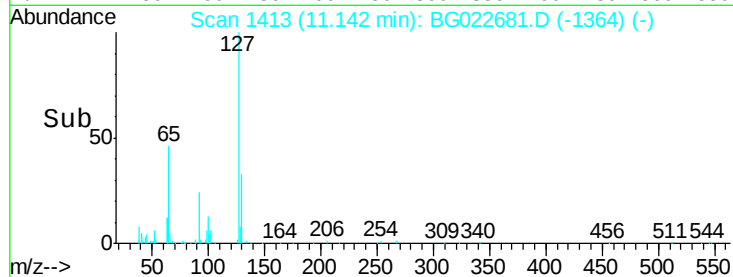
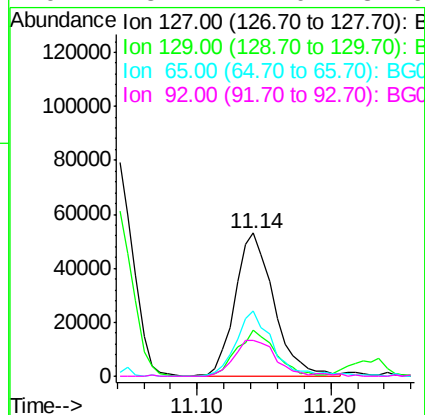
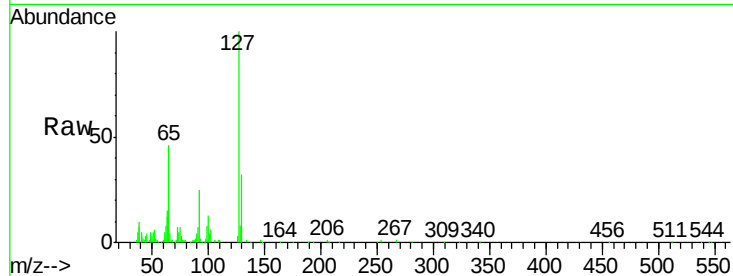




#33
4-Chloroaniline
Concen: 9.59 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

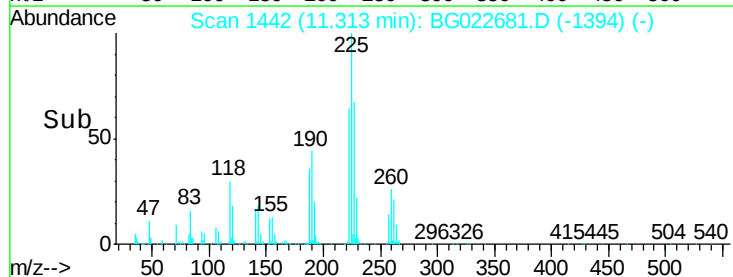
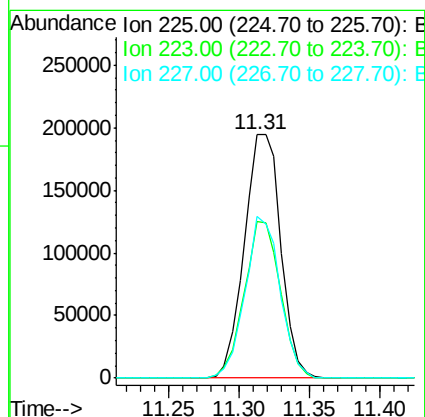
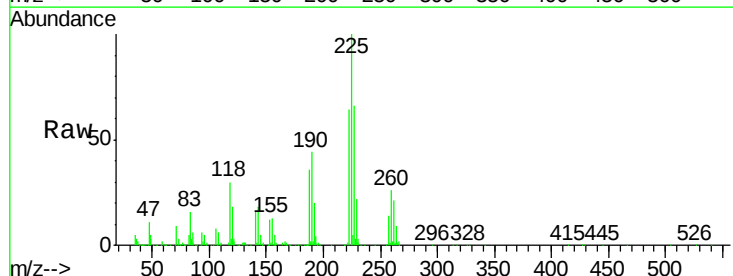
Instrument :
BNA_G
ClientSampleId :
PB91613BS

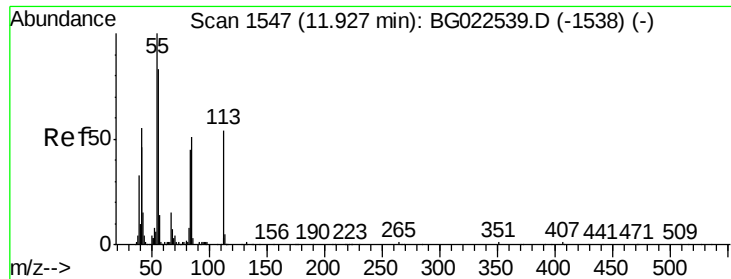
Tgt Ion:	127	Resp:	106818
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.9	41.9
65	46.0	36.8	55.2
92	25.4	21.0	31.6



#34
Hexachlorobutadiene
Concen: 42.45 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion:	225	Resp:	352873
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.6	74.4
227	66.5	54.5	81.7





#35

Caprolactam

Concen: 37.97 ng

RT: 11.91 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

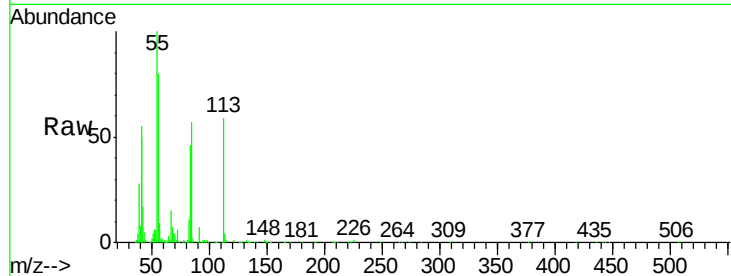
Tgt Ion:113 Resp: 107742

Ion Ratio Lower Upper

113 100

55 170.5 154.5 194.5

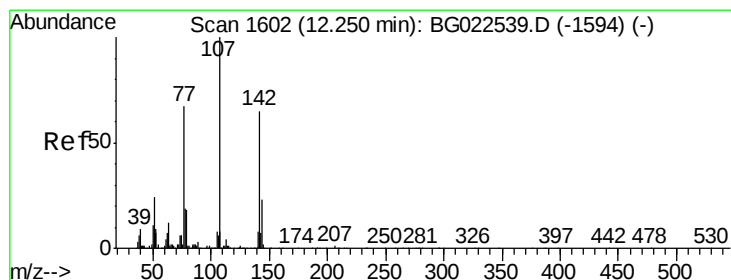
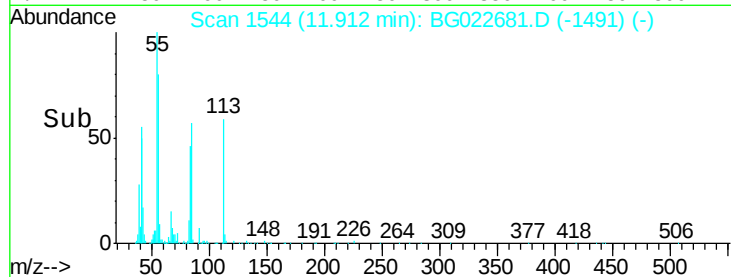
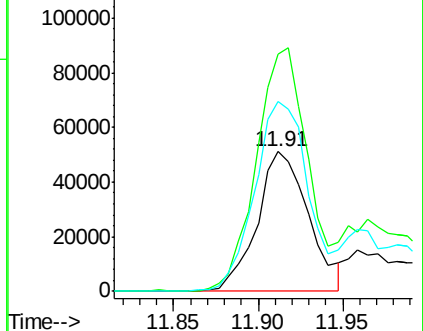
56 136.3 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.52 ng

RT: 12.25 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

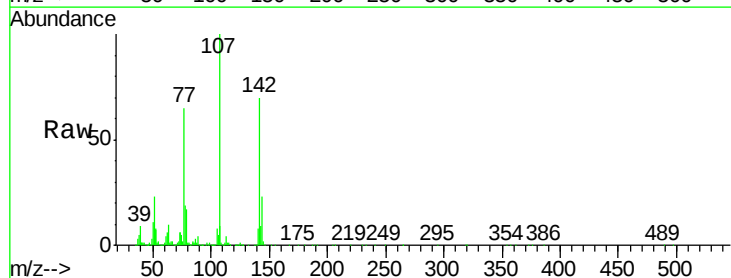
Tgt Ion:107 Resp: 525439

Ion Ratio Lower Upper

107 100

144 22.7 17.0 25.6

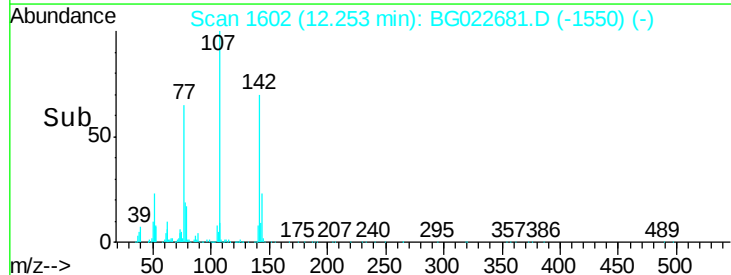
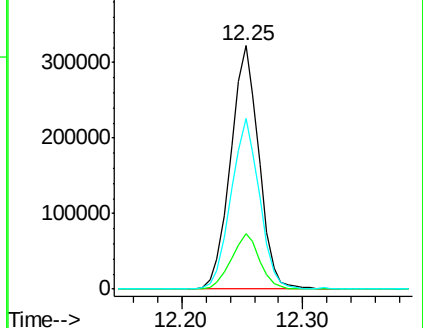
142 69.8 53.0 79.6

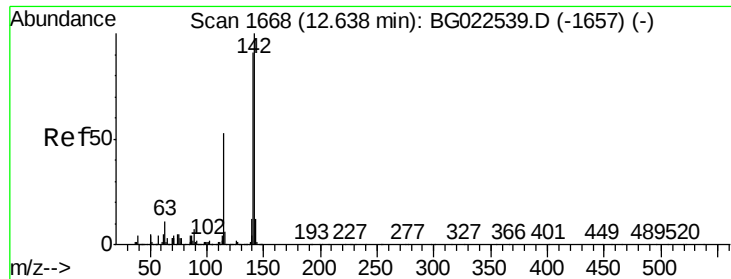


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

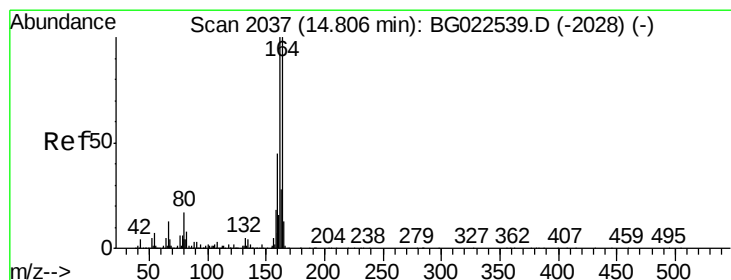
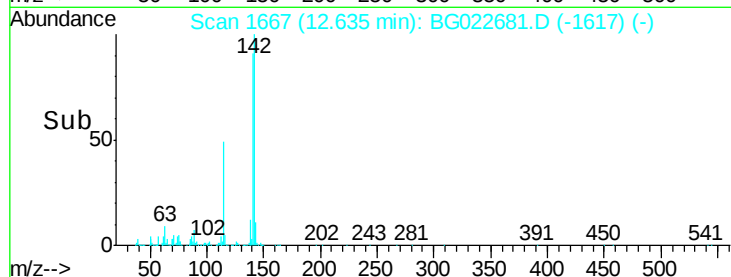
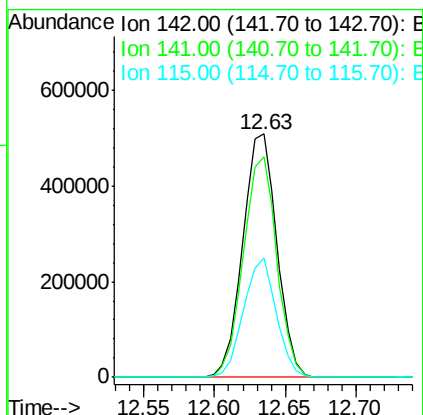
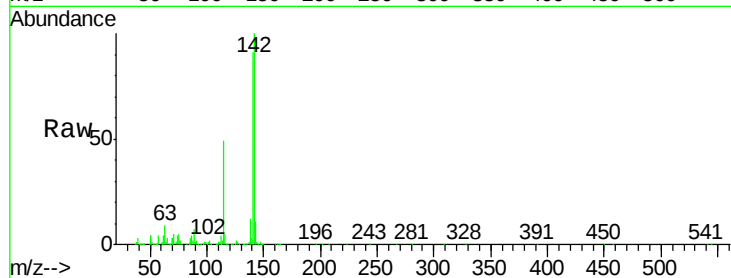




#37
2-Methylnaphthalene
Concen: 42.99 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

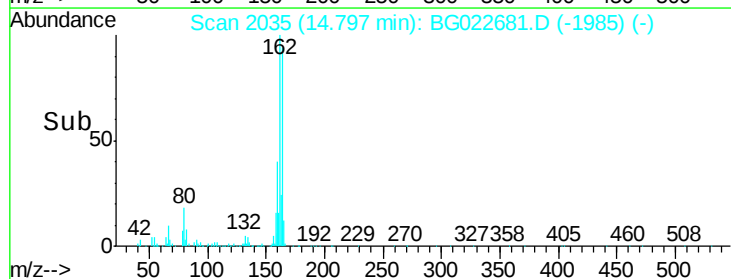
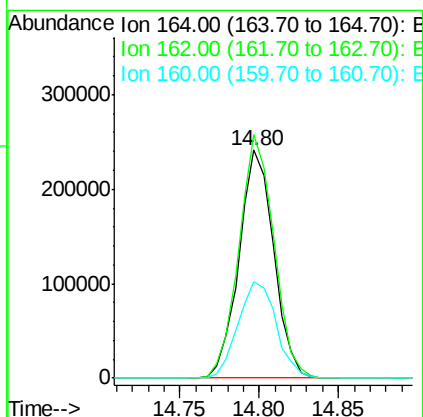
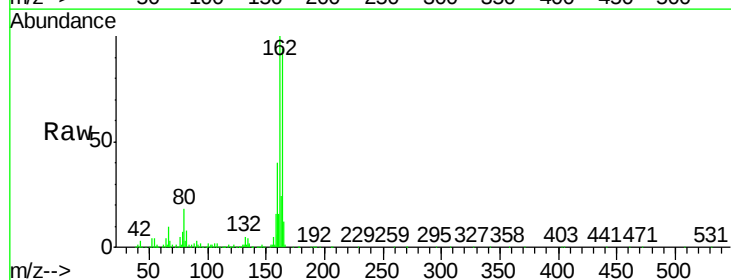
Instrument :
BNA_G
ClientSampleId :
PB91613BS

Tgt Ion:142 Resp: 862189
Ion Ratio Lower Upper
142 100
141 90.6 70.2 105.2
115 49.1 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion:164 Resp: 366648
Ion Ratio Lower Upper
164 100
162 106.9 87.7 131.5
160 42.4 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.79 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

Tgt Ion:216 Resp: 592260

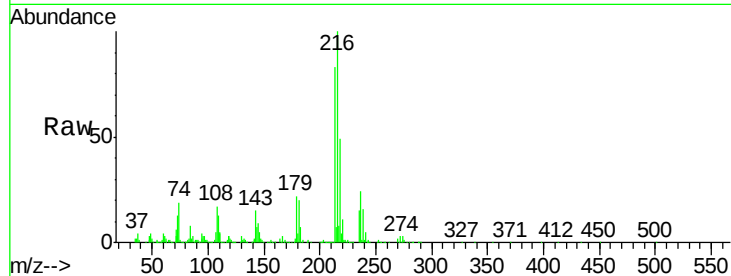
Ion Ratio Lower Upper

216 100

214 78.4 62.9 94.3

179 21.0 17.2 25.8

108 19.2 16.3 24.5

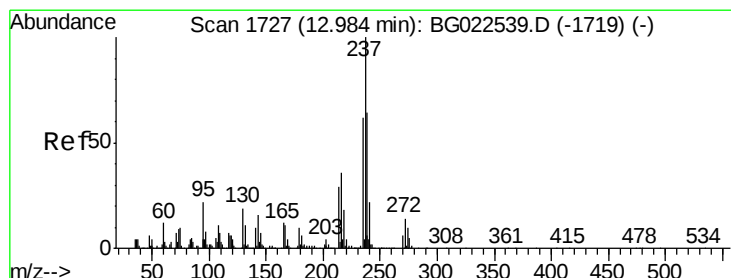
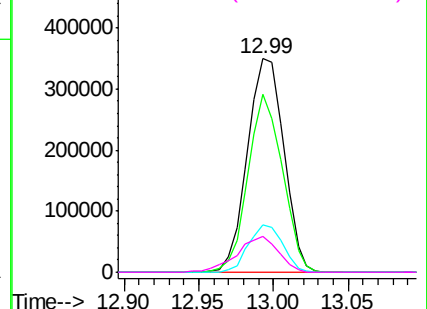
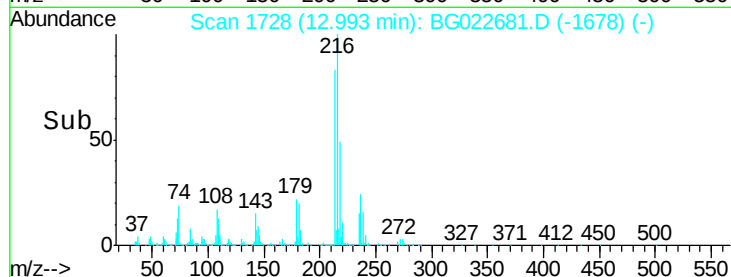


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.34 ng

RT: 12.98 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

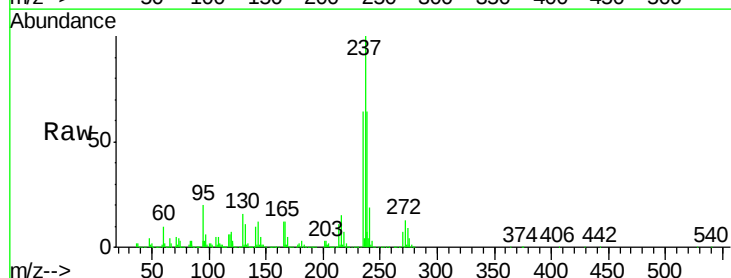
Tgt Ion:237 Resp: 821455

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

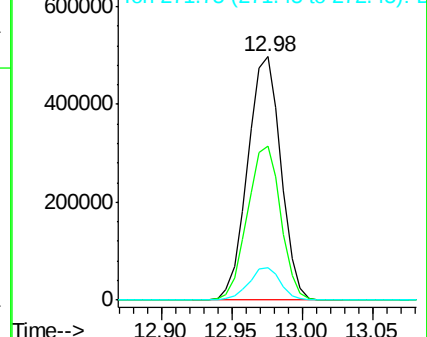
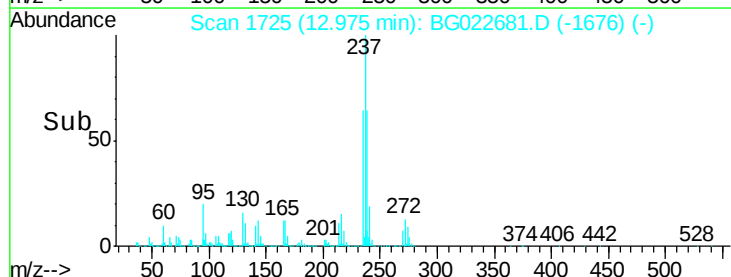
272 13.3 0.0 30.9

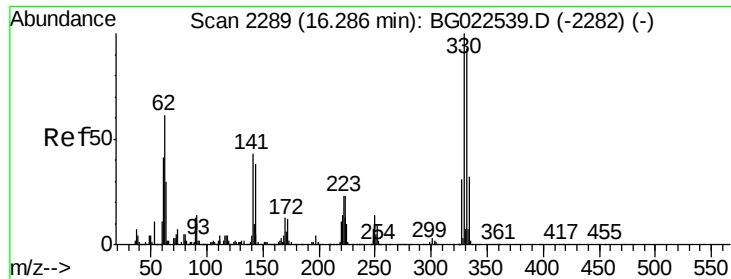


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

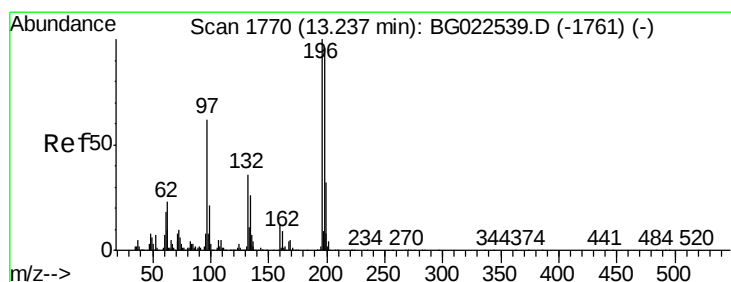
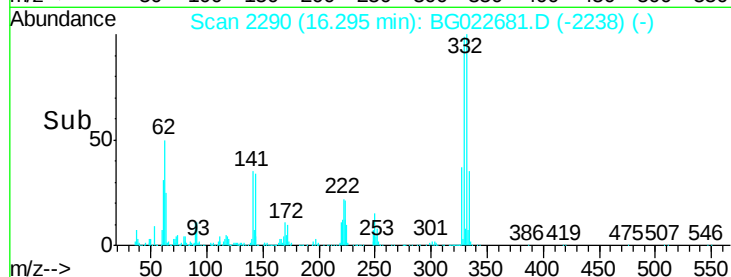
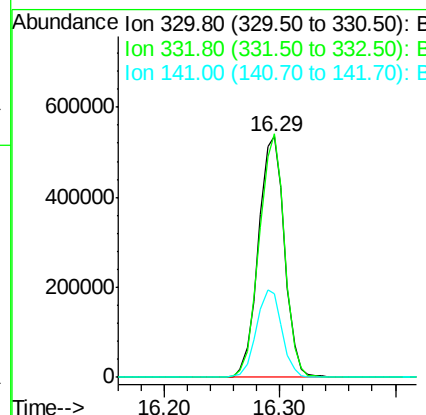
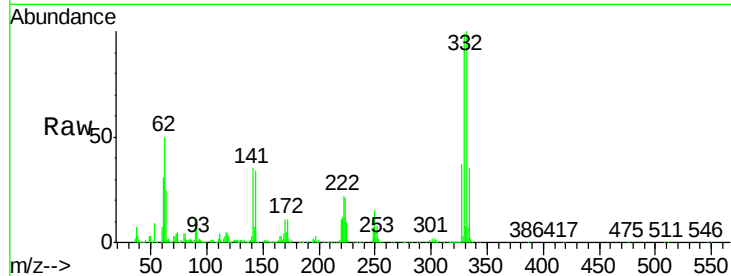




#41
 2,4,6-Tribromophenol
 Concen: 146.03 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

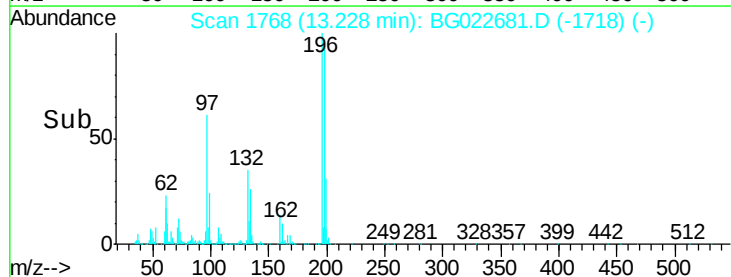
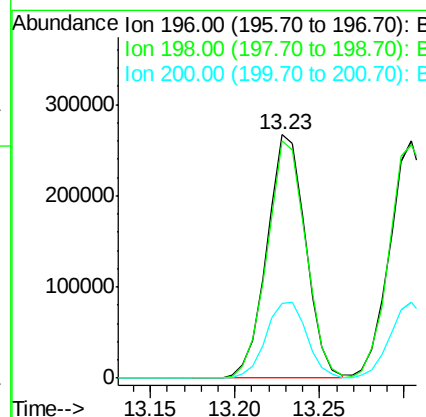
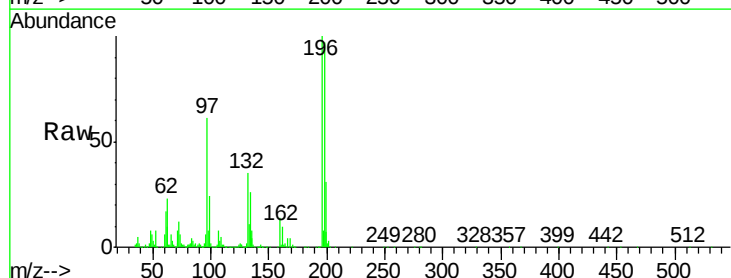
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

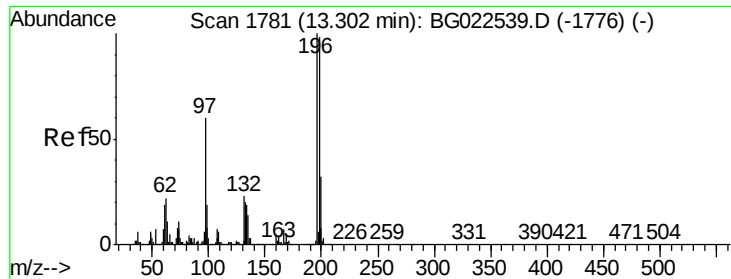
Tgt Ion:330 Resp: 842157
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 35.6 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 47.44 ng
 RT: 13.23 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion:196 Resp: 421101
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.2 117.2
 200 30.8 27.0 40.4

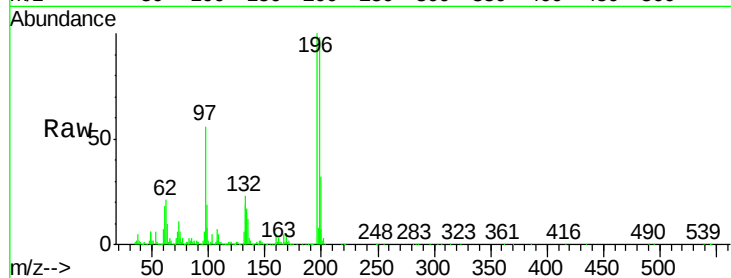




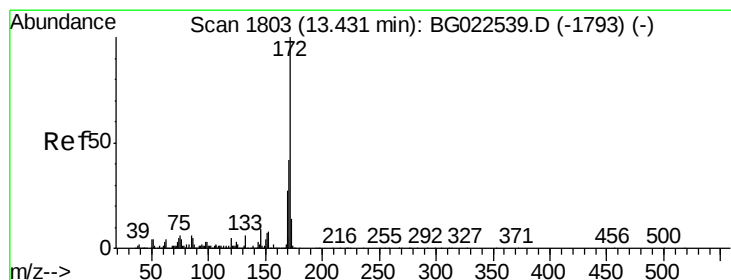
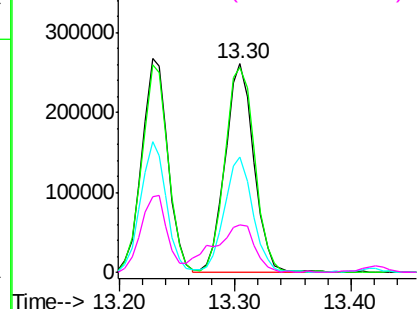
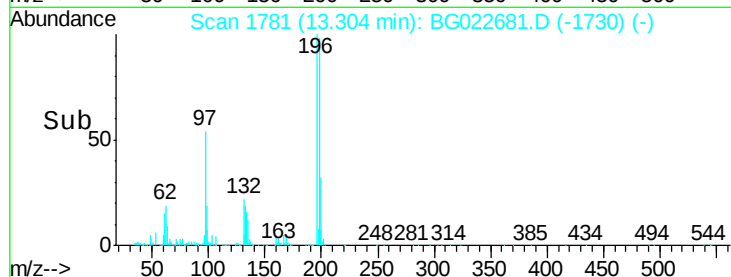
#43
 2,4,5-Trichlorophenol
 Concen: 47.93 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

Tgt Ion:196 Resp: 445148
 Ion Ratio Lower Upper
 196 100
 198 98.2 85.7 128.5
 97 55.7 45.5 68.3
 132 22.9 18.9 28.3

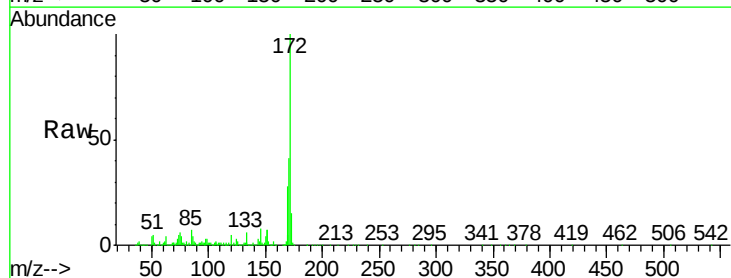


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

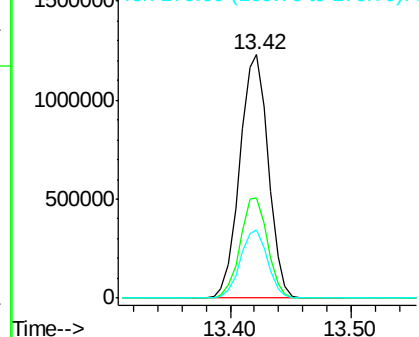
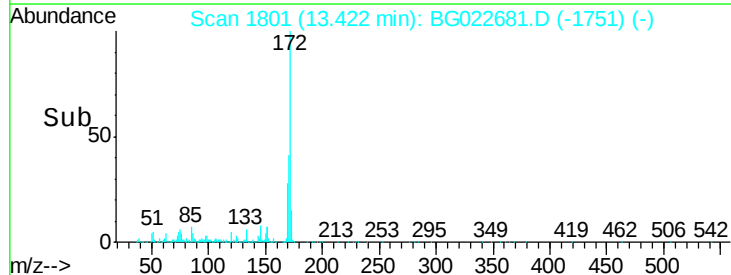


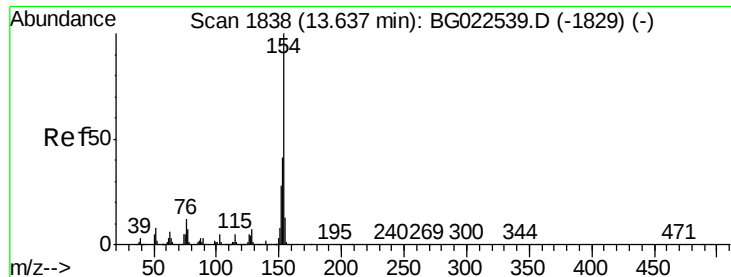
#44
 2-Fluorobiphenyl
 Concen: 87.38 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion:172 Resp: 2020068
 Ion Ratio Lower Upper
 172 100
 171 41.0 31.6 47.4
 170 28.1 21.3 31.9



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

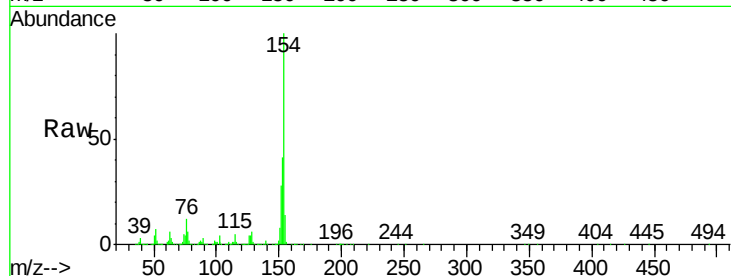




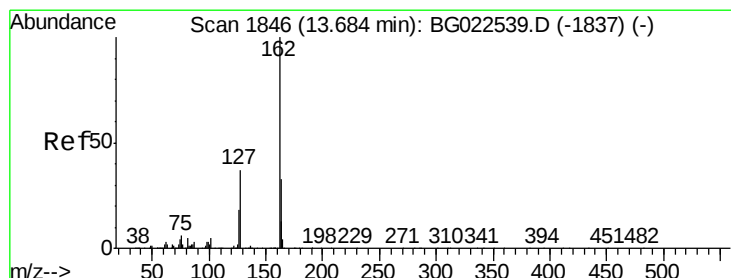
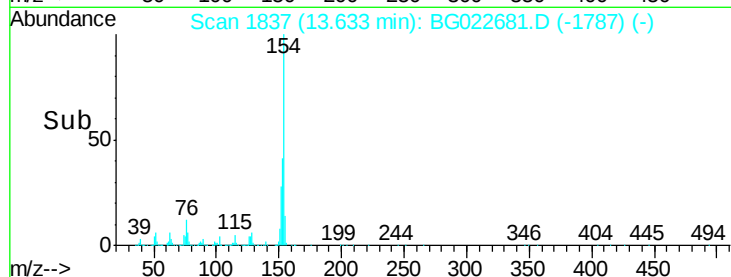
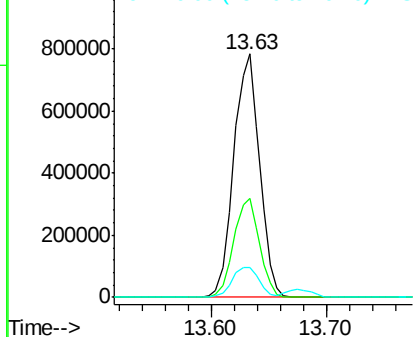
#45
 1,1'-Biphenyl
 Concen: 43.22 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

Tgt Ion:154 Resp: 1207018
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.2 60.2
 76 12.1 0.0 32.9

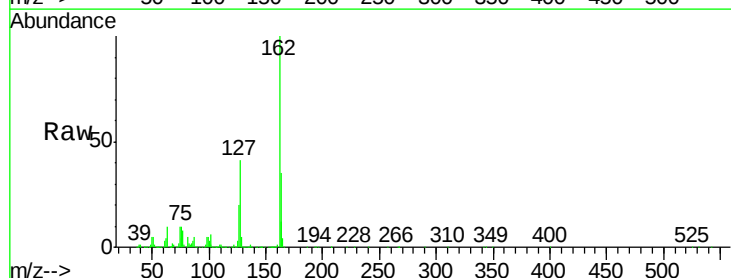


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

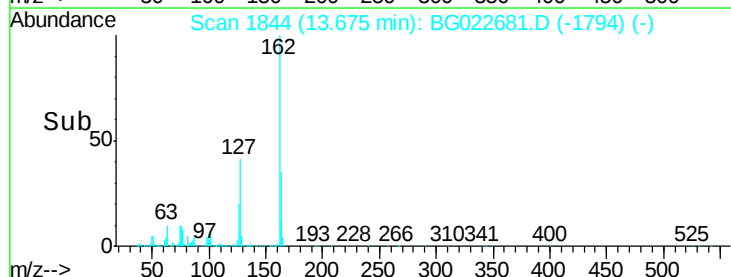
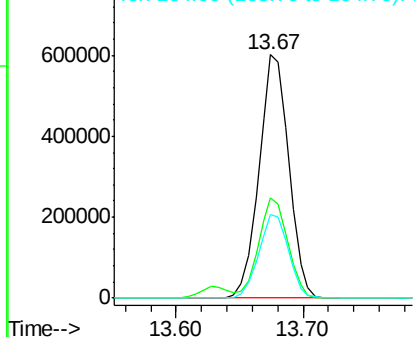


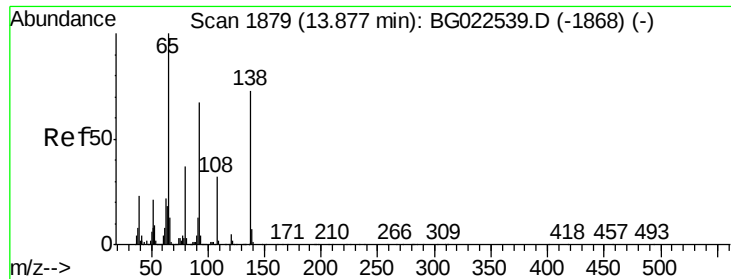
#46
 2-Chloronaphthalene
 Concen: 42.74 ng
 RT: 13.67 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion:162 Resp: 982370
 Ion Ratio Lower Upper
 162 100
 127 41.0 32.4 48.6
 164 34.6 25.2 37.8



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

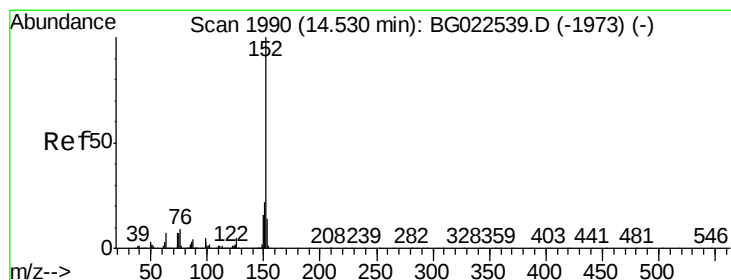
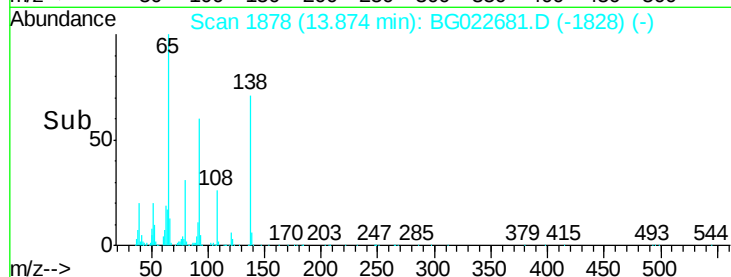
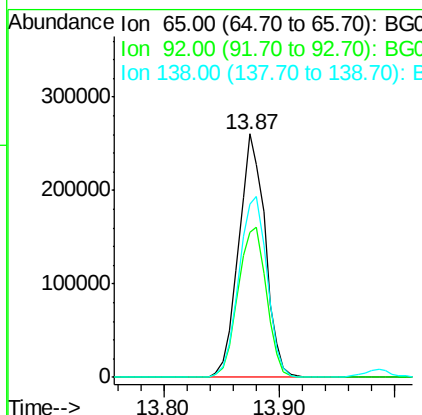
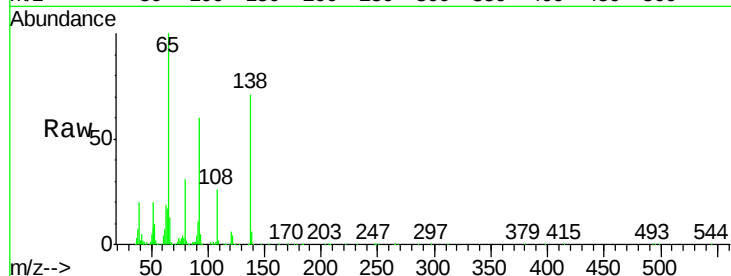




#47
2-Nitroaniline
Concen: 46.68 ng
RT: 13.87 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

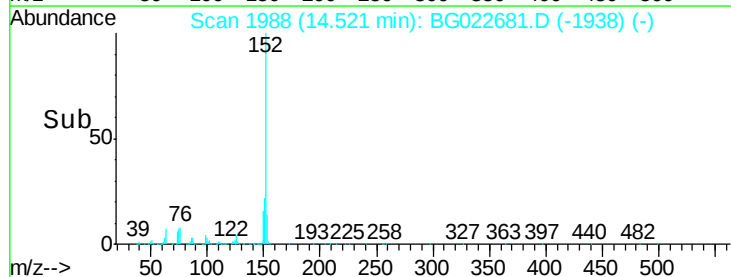
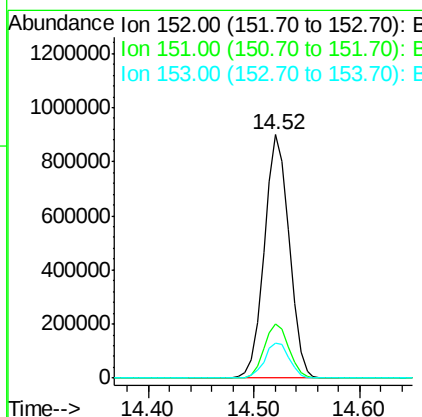
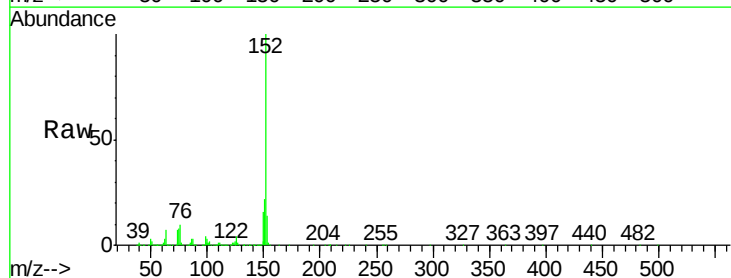
Instrument :
BNA_G
ClientSampleId :
PB91613BS

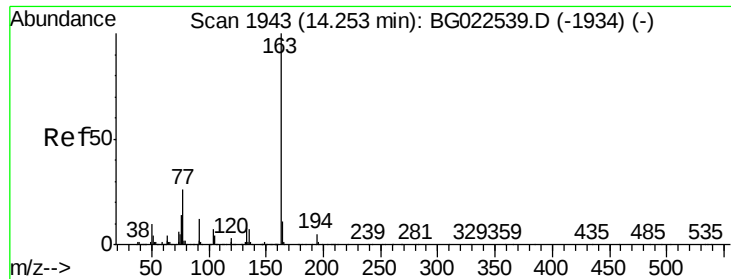
Tgt Ion: 65 Resp: 414096
Ion Ratio Lower Upper
65 100
92 59.7 49.4 74.0
138 71.0 58.0 87.0



#48
Acenaphthylene
Concen: 43.98 ng
RT: 14.52 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion: 152 Resp: 1465883
Ion Ratio Lower Upper
152 100
151 22.4 17.6 26.4
153 14.4 11.4 17.2

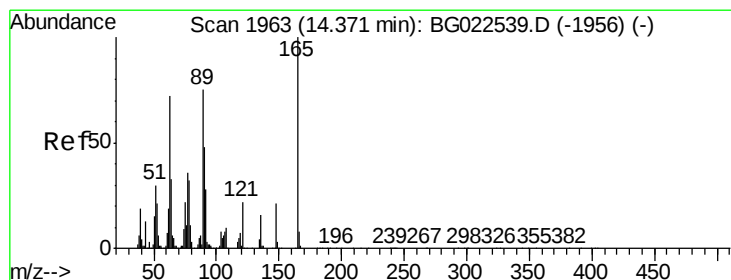
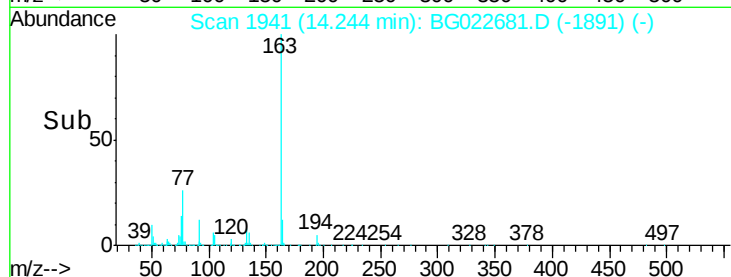
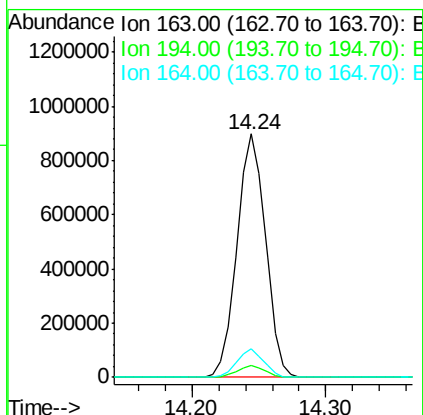
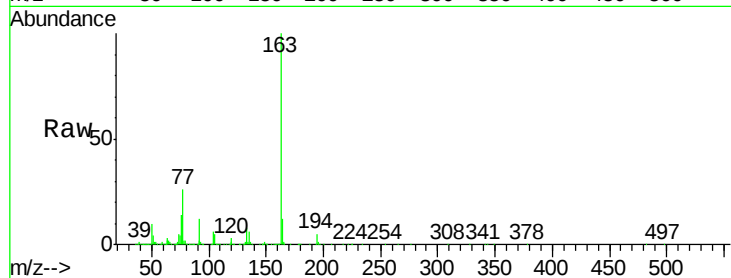




#49
Dimethylphthalate
Concen: 43.62 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

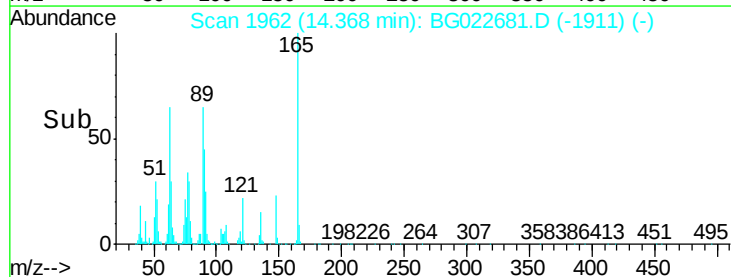
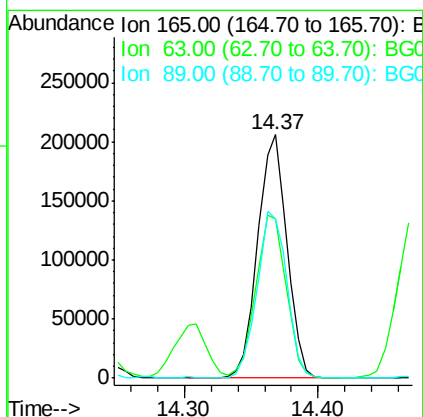
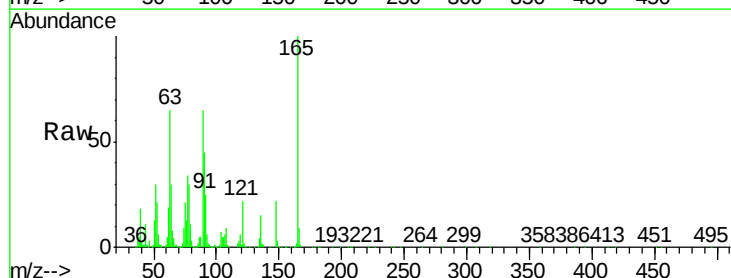
Instrument :
BNA_G
ClientSampleId :
PB91613BS

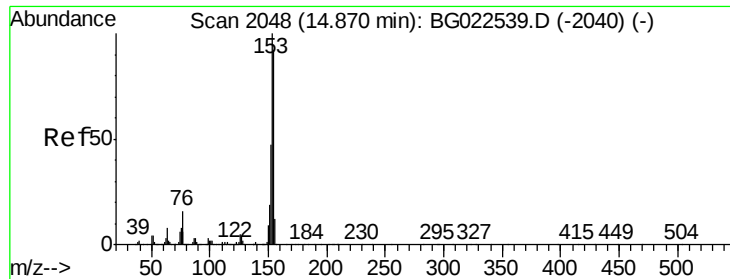
Tgt Ion:163 Resp: 1326651
Ion Ratio Lower Upper
163 100
194 5.1 3.6 5.4
164 11.7 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 47.01 ng
RT: 14.37 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion:165 Resp: 310669
Ion Ratio Lower Upper
165 100
63 65.4 64.3 96.5
89 65.2 64.3 96.5





#51

Acenaphthene

Concen: 39.02 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

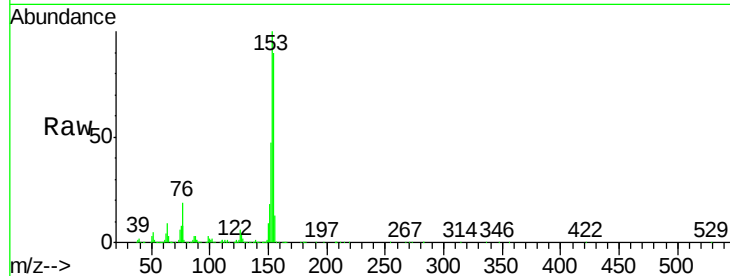
Tgt Ion:154 Resp: 958185

Ion Ratio Lower Upper

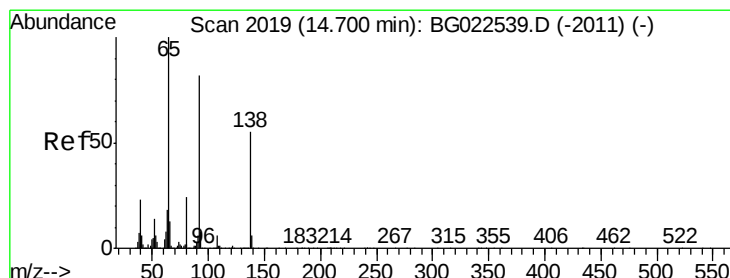
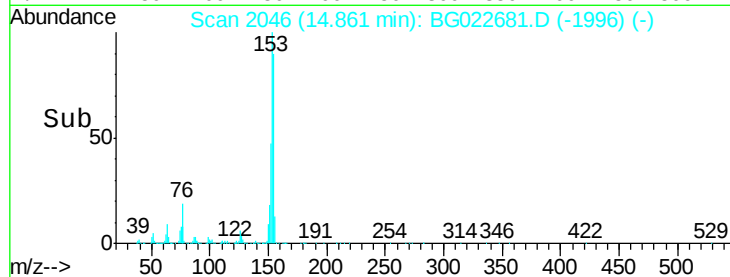
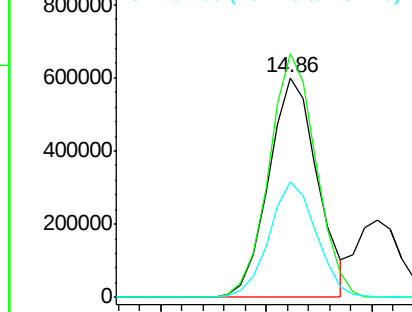
154 100

153 110.7 87.5 131.3

152 52.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.06 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

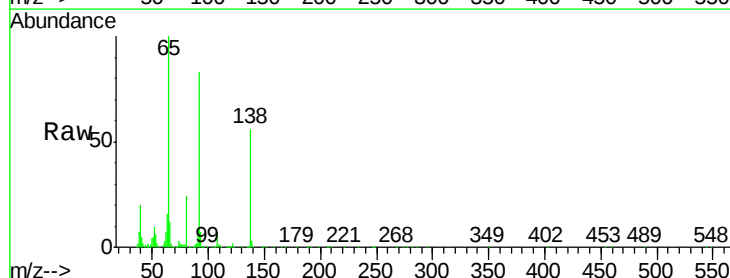
Tgt Ion:138 Resp: 179716

Ion Ratio Lower Upper

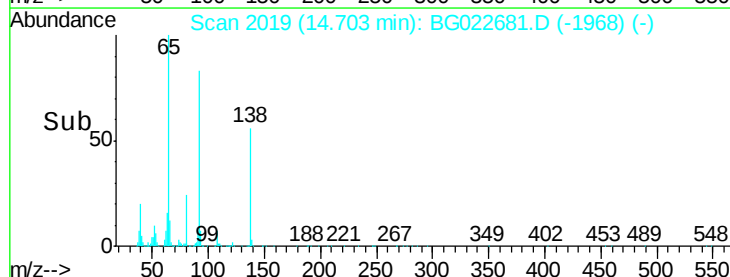
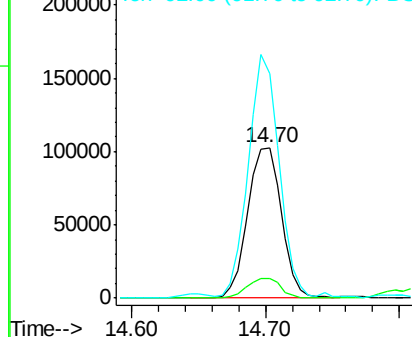
138 100

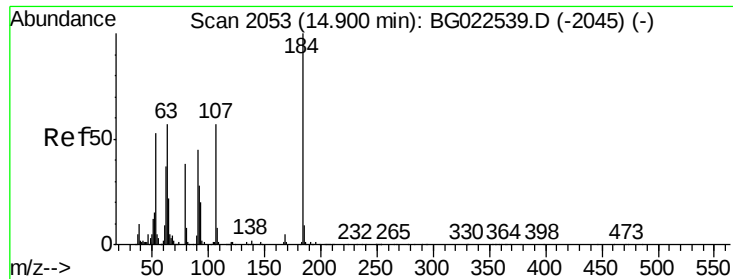
108 12.6 11.7 17.5

92 149.2 129.7 194.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 104.71 ng

RT: 14.90 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

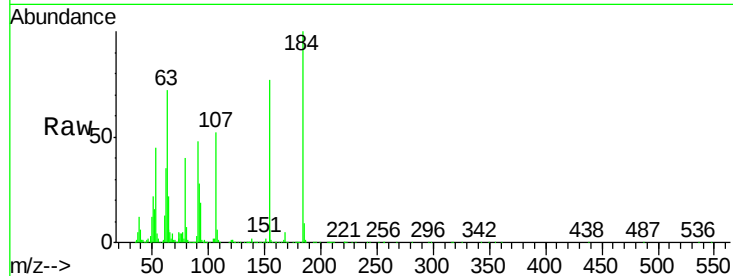
Tgt Ion:184 Resp: 426267

Ion Ratio Lower Upper

184 100

63 72.1 59.6 89.4

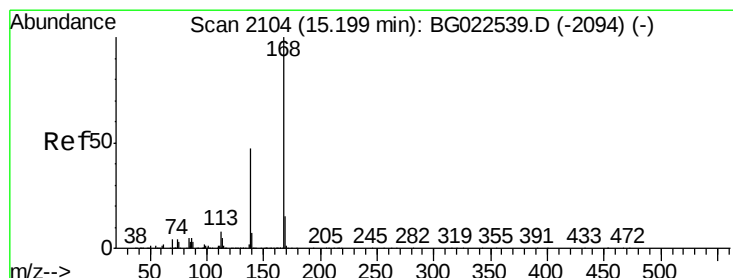
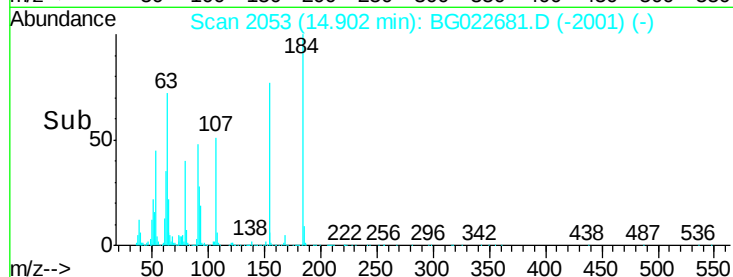
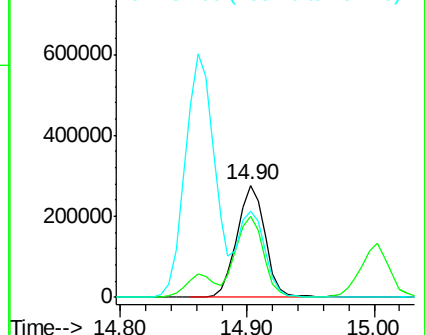
154 76.9 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.82 ng

RT: 15.20 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

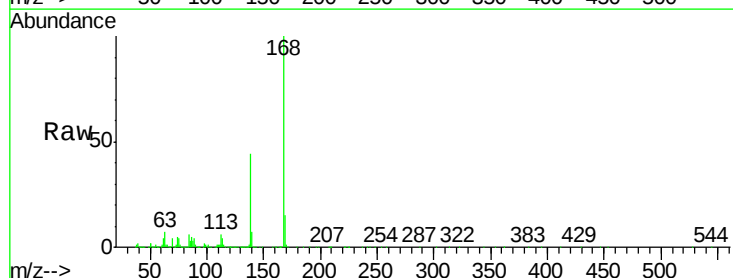
Tgt Ion:168 Resp: 1558659

Ion Ratio Lower Upper

168 100

139 44.1 36.4 54.6

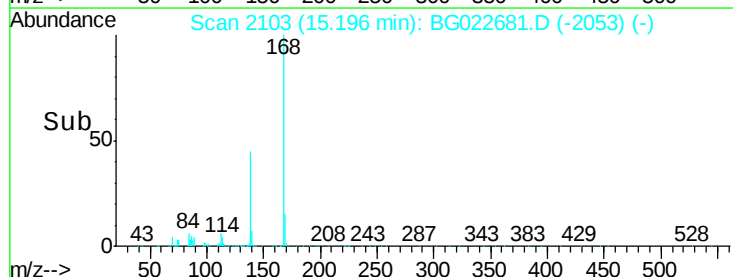
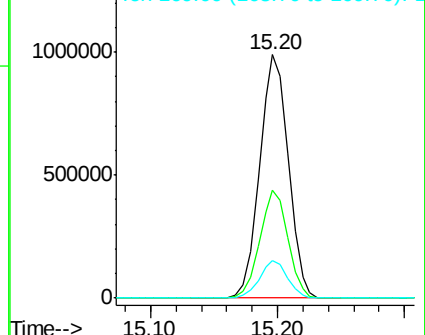
169 15.2 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

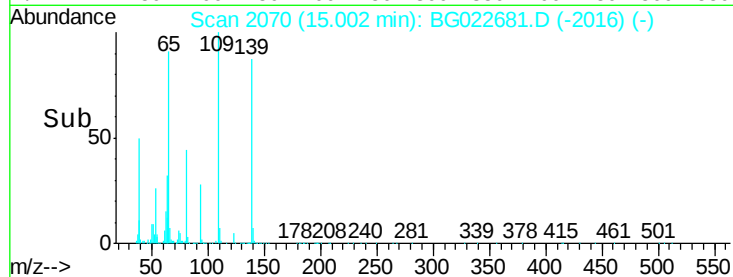
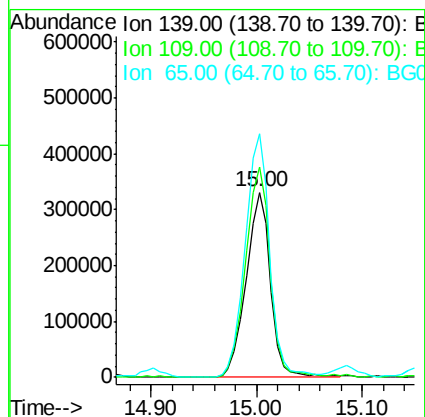
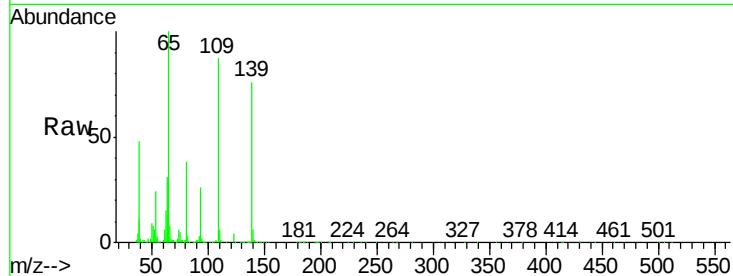




#55
4-Nitrophenol
Concen: 101.04 ng
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

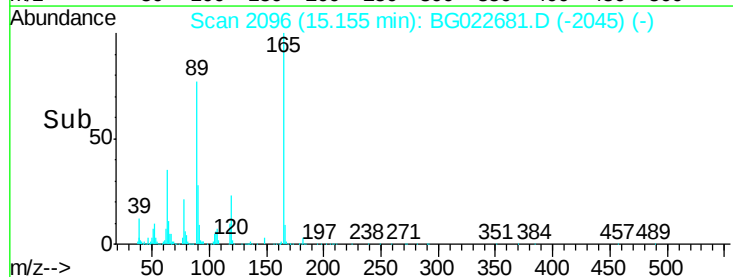
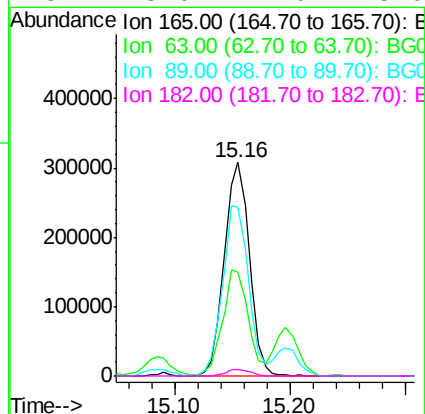
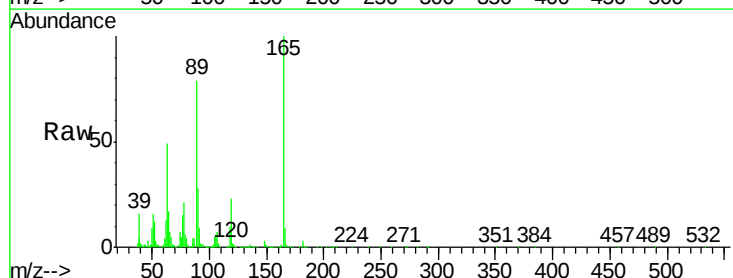
Instrument :
BNA_G
ClientSampleId :
PB91613BS

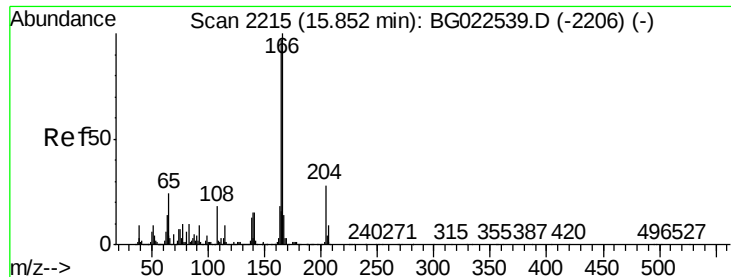
Tgt Ion:139 Resp: 528392
Ion Ratio Lower Upper
139 100
109 113.8 103.0 143.0
65 131.4 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 50.75 ng
RT: 15.16 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion:165 Resp: 464623
Ion Ratio Lower Upper
165 100
63 48.7 45.8 68.6
89 79.2 68.6 102.8
182 3.0 2.0 3.0

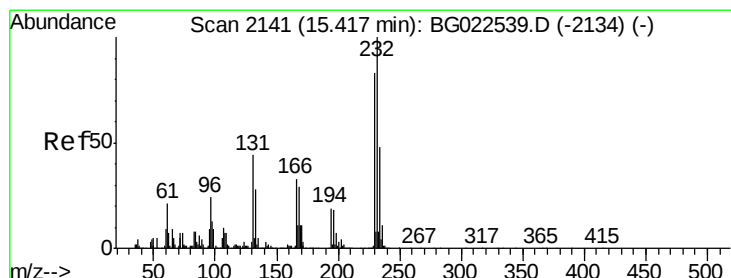
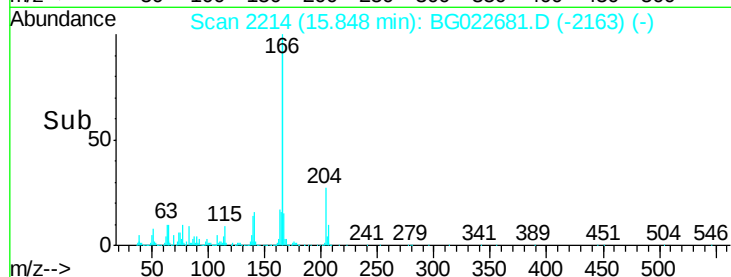
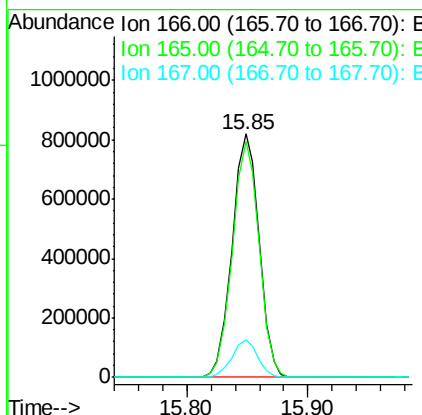
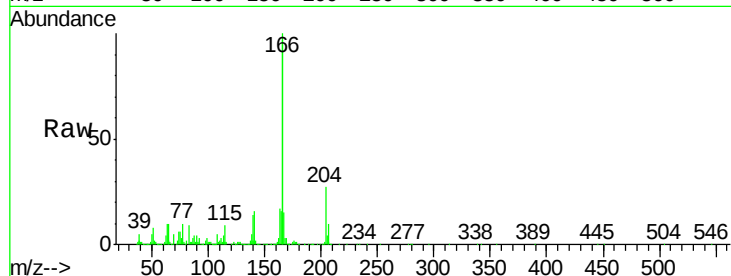




#57
Fluorene
 Concen: 44.86 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

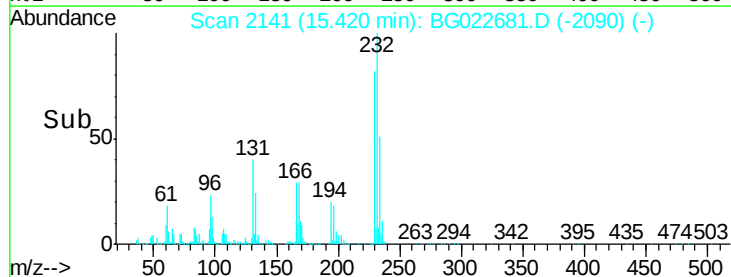
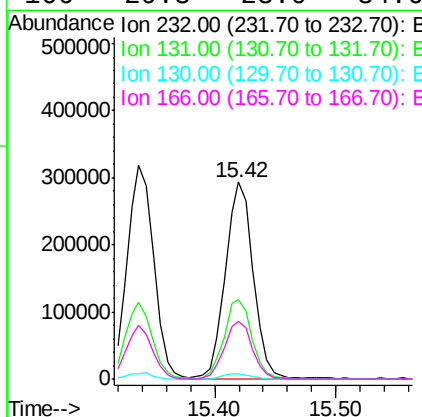
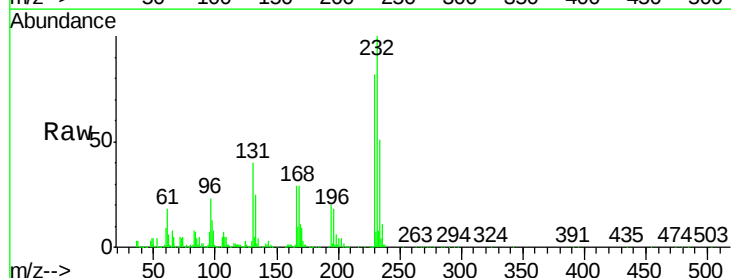
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

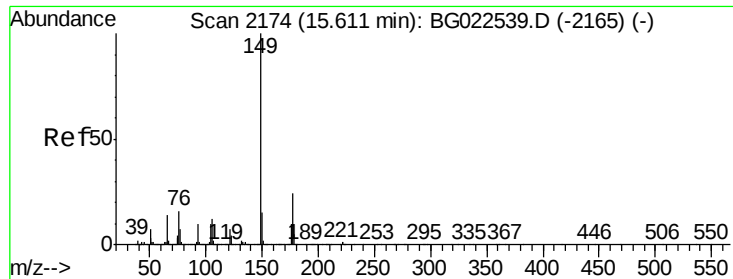
Tgt Ion:166 Resp: 1273266
 Ion Ratio Lower Upper
 166 100
 165 97.0 81.0 121.6
 167 15.3 12.0 18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.47 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion:232 Resp: 466754
 Ion Ratio Lower Upper
 232 100
 131 40.4 32.7 49.1
 130 2.7 2.6 3.8
 166 29.3 23.0 34.6

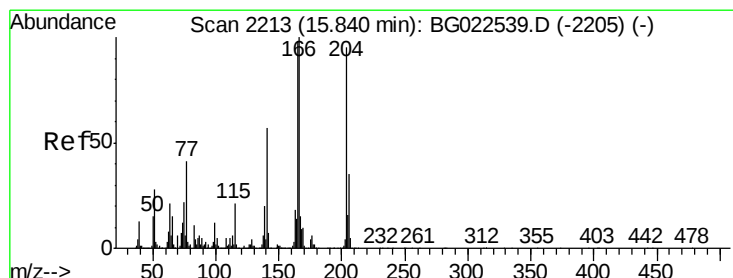
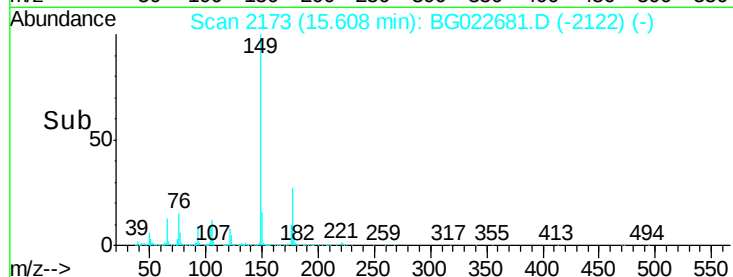
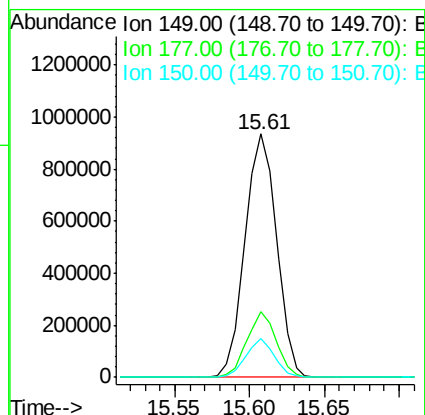
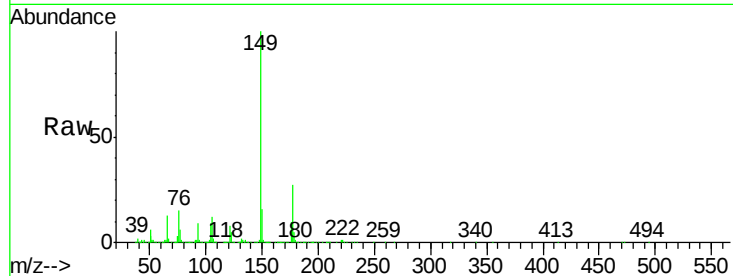




#59
Diethylphthalate
Concen: 43.75 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

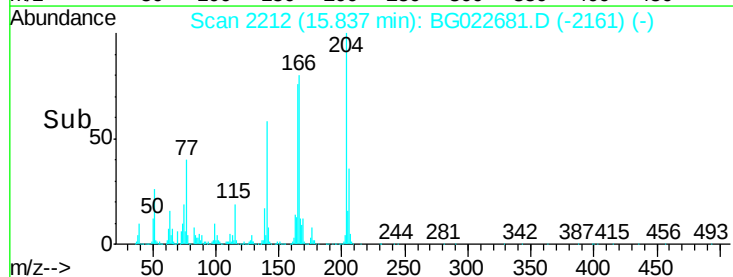
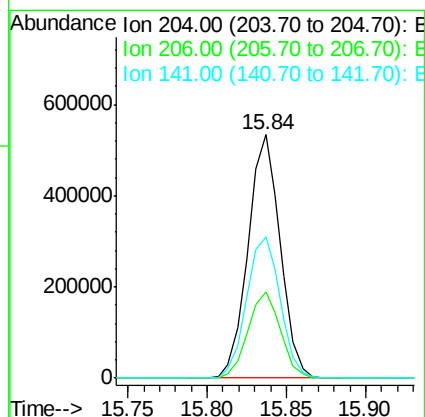
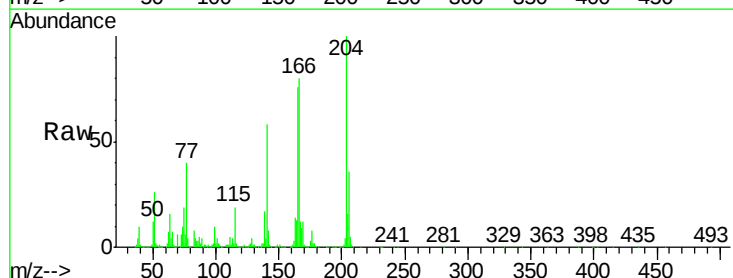
Instrument :
BNA_G
ClientSampleId :
PB91613BS

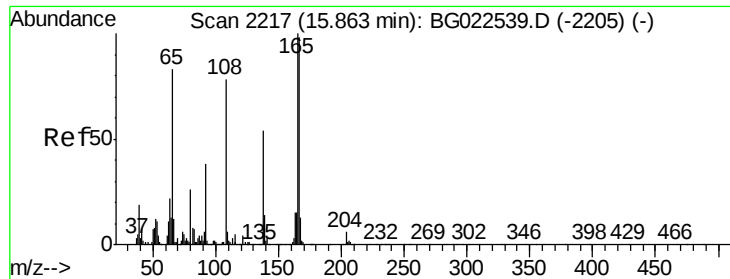
Tgt Ion:149 Resp: 1368058
Ion Ratio Lower Upper
149 100
177 26.7 19.2 28.8
150 16.0 10.6 16.0#



#60
4-Chlorophenyl-phenylether
Concen: 44.32 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion:204 Resp: 748874
Ion Ratio Lower Upper
204 100
206 35.6 28.5 42.7
141 57.9 51.4 77.0

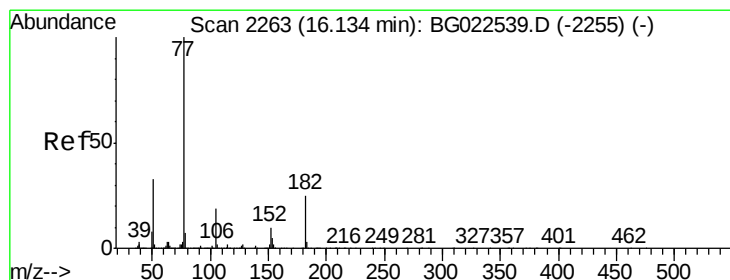
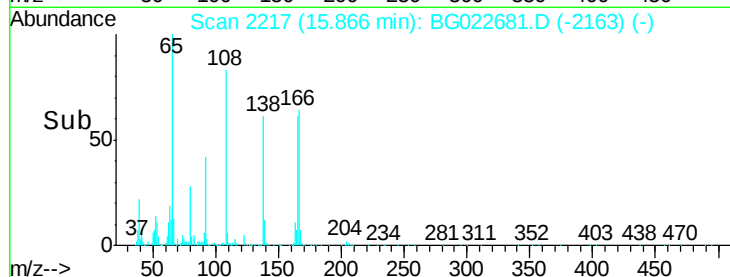
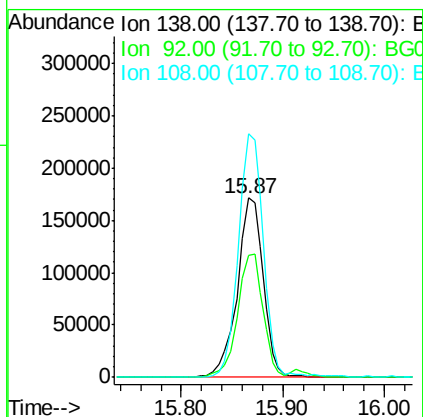
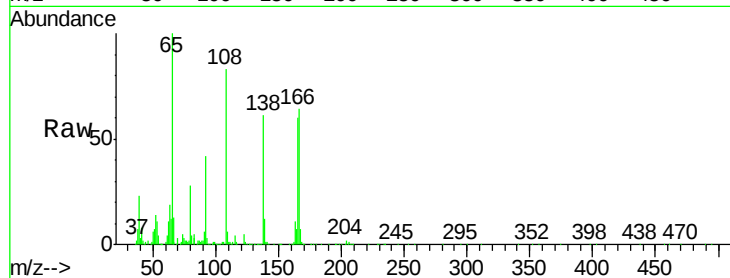




#61
4-Nitroaniline
Concen: 48.06 ng
RT: 15.87 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

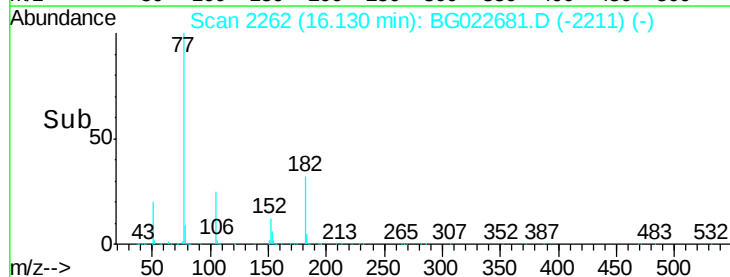
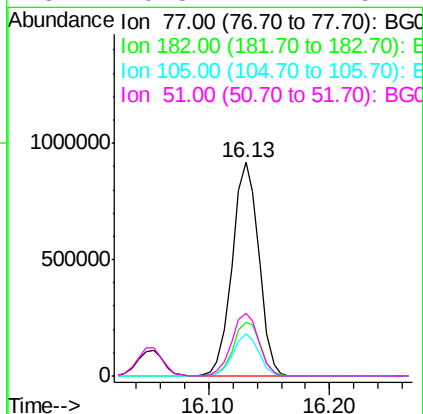
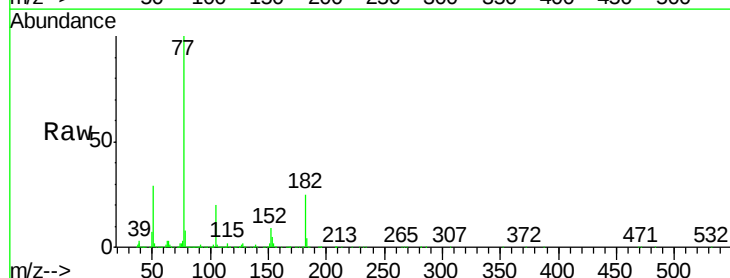
Instrument :
BNA_G
ClientSampleId :
PB91613BS

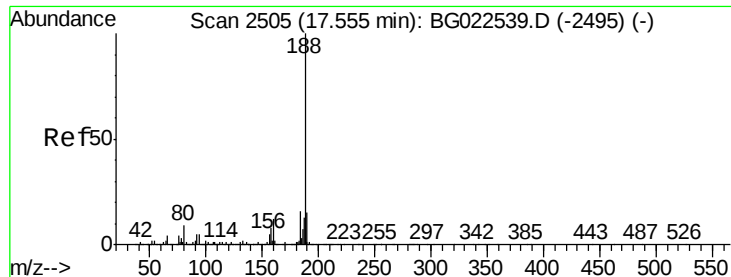
Tgt Ion: 138 Resp: 306676
Ion Ratio Lower Upper
138 100
92 68.1 54.1 94.1
108 135.7 133.9 173.9



#62
Azobenzene
Concen: 41.41 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Tgt Ion: 77 Resp: 1402390
Ion Ratio Lower Upper
77 100
182 25.2 3.5 43.5
105 19.7 0.0 38.5
51 29.3 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

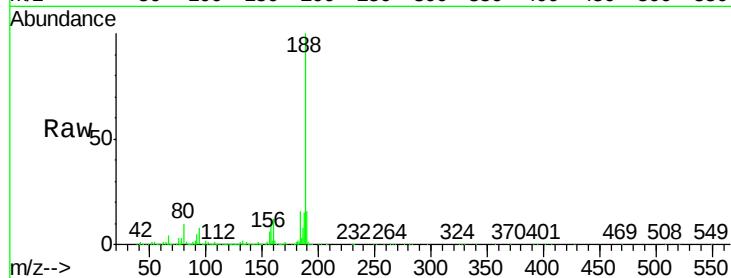
Tgt Ion:188 Resp: 982723

Ion Ratio Lower Upper

188 100

94 7.5 5.2 7.8

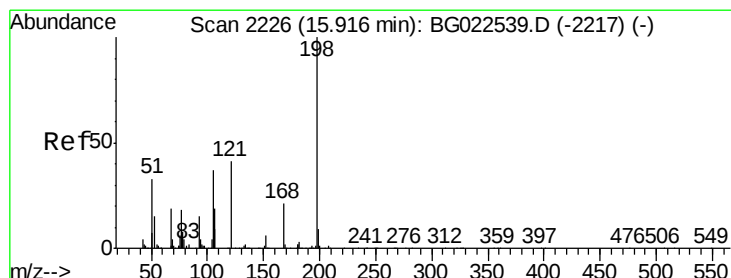
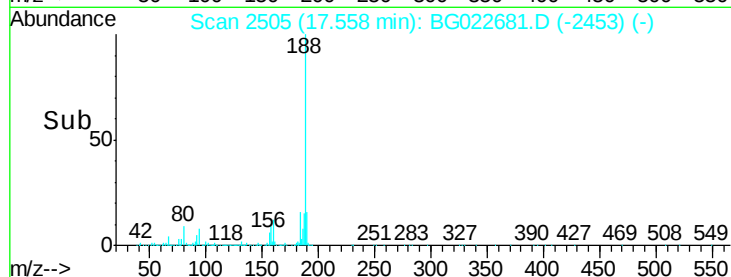
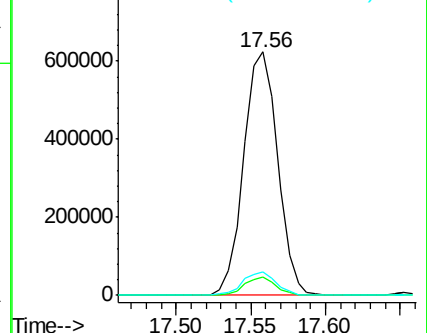
80 9.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 49.23 ng

RT: 15.92 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

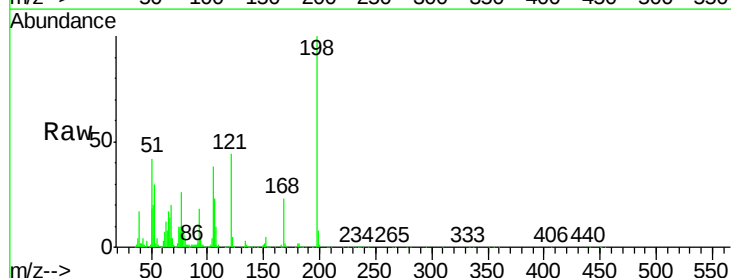
Tgt Ion:198 Resp: 324475

Ion Ratio Lower Upper

198 100

51 41.7 26.0 66.0

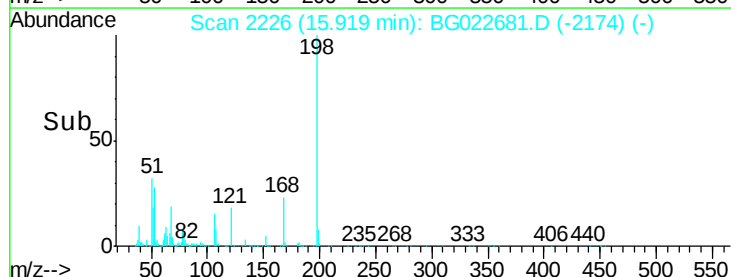
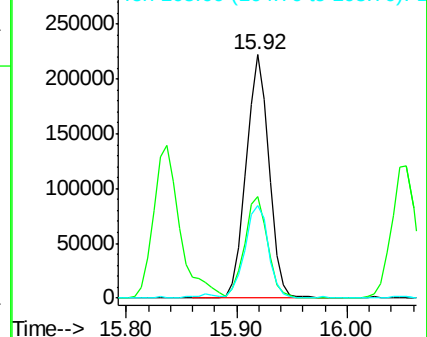
105 38.1 20.1 60.1

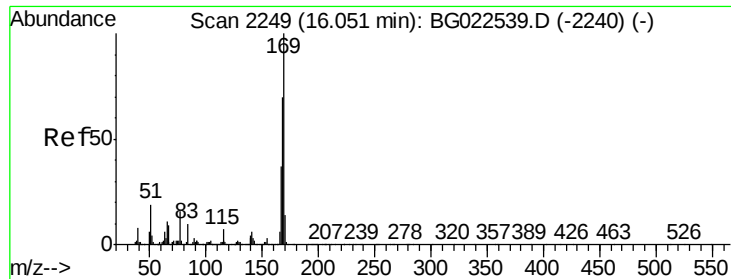


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

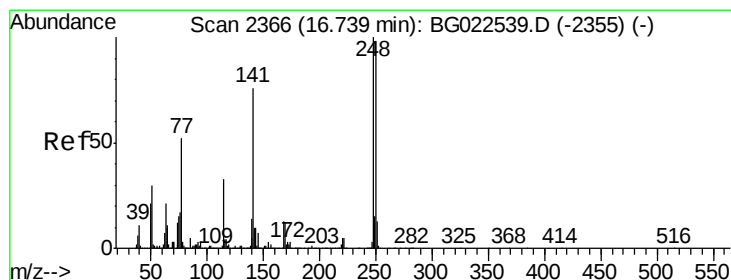
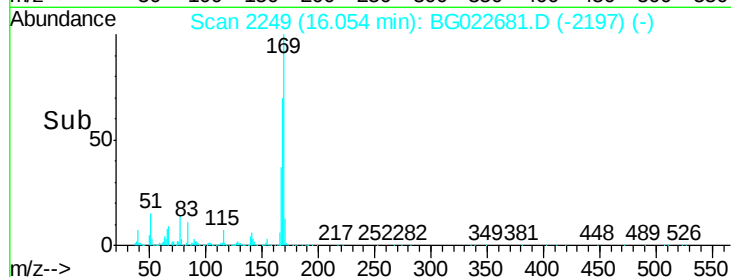
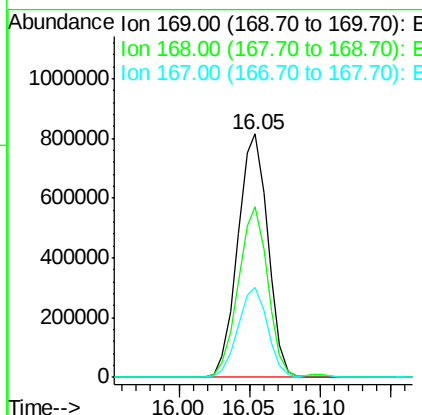
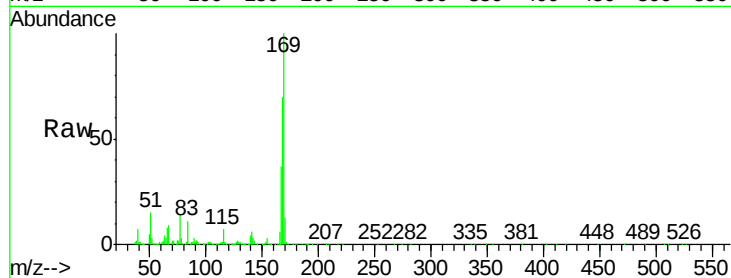




#65
 n-Nitrosodiphenylamine
 Concen: 42.44 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

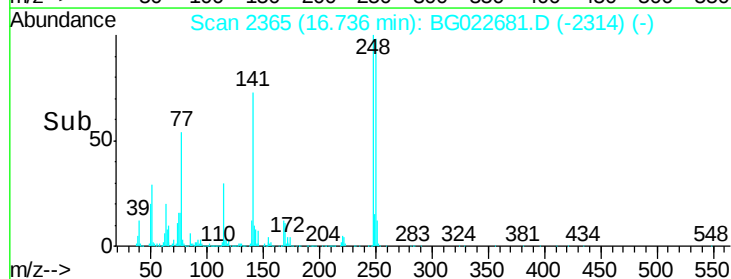
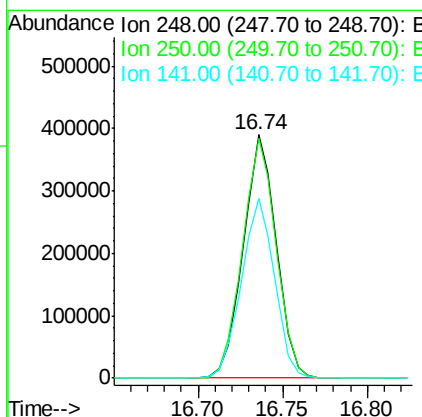
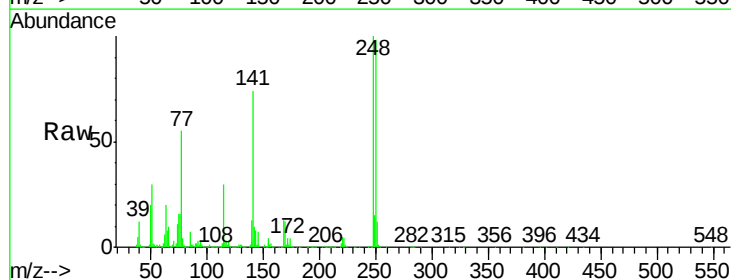
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

Tgt Ion:169 Resp: 1213659
 Ion Ratio Lower Upper
 169 100
 168 69.9 55.0 82.4
 167 37.1 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 41.67 ng
 RT: 16.74 min Scan# 2365
 Delta R.T. 0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion:248 Resp: 531263
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.8 116.8
 141 73.6 65.7 98.5





#67

Hexachlorobenzene

Concen: 42.28 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

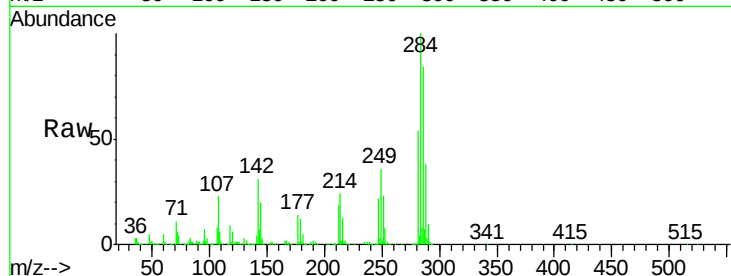
Tgt Ion:284 Resp: 570005

Ion Ratio Lower Upper

284 100

142 31.4 26.8 40.2

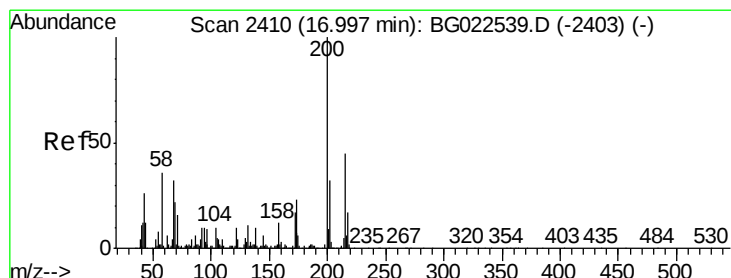
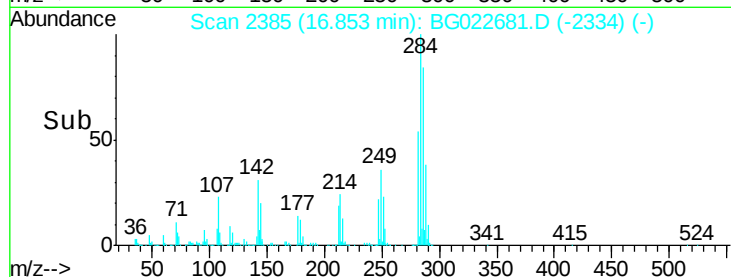
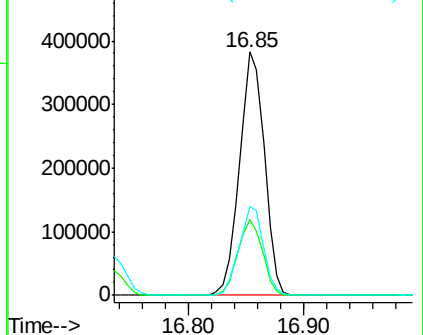
249 36.4 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.29 ng

RT: 17.00 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

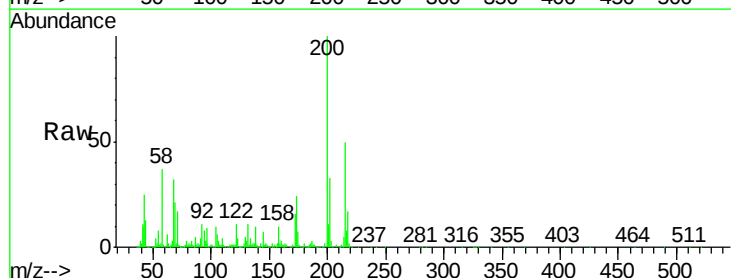
Tgt Ion:200 Resp: 546866

Ion Ratio Lower Upper

200 100

173 23.6 1.6 41.6

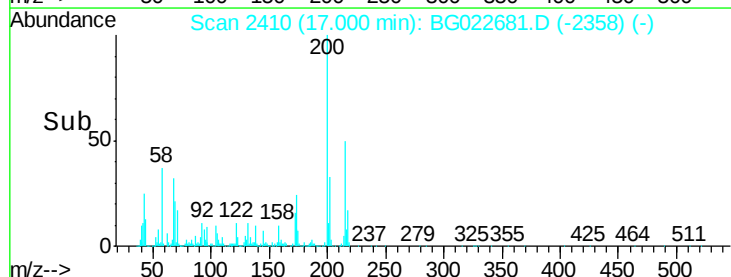
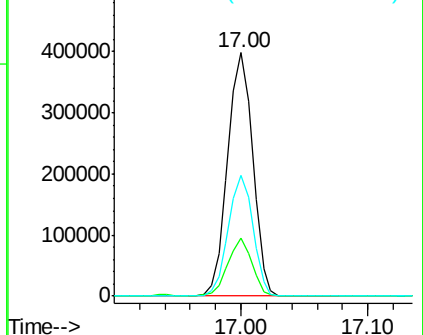
215 49.7 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 87.82 ng

RT: 17.20 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

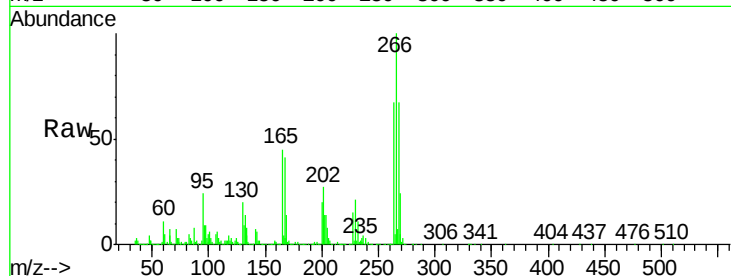
Tgt Ion:266 Resp: 814668

Ion Ratio Lower Upper

266 100

268 66.7 51.9 77.9

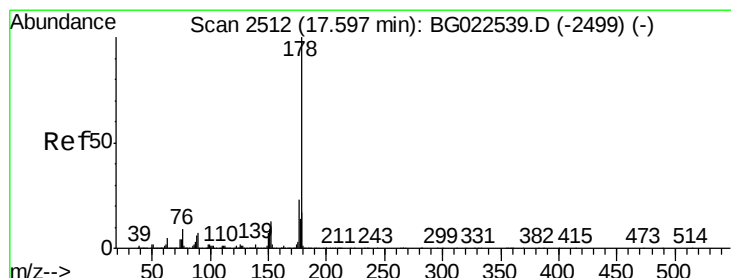
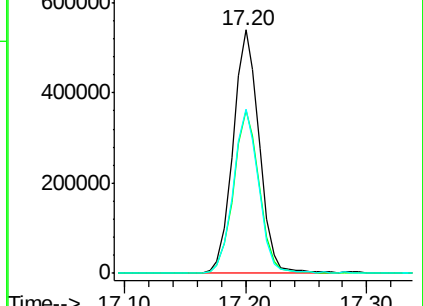
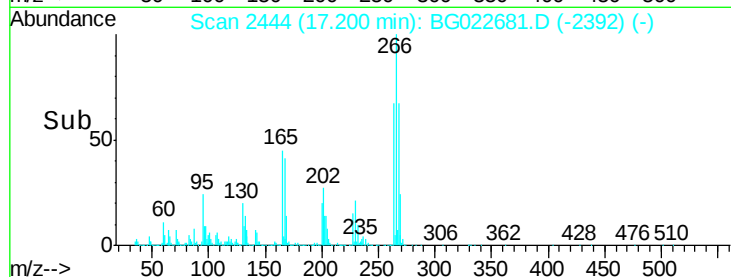
264 67.4 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.91 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

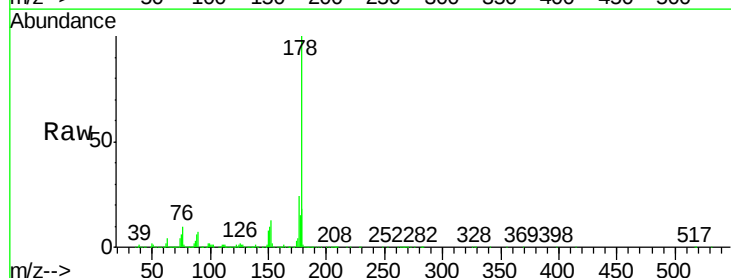
Tgt Ion:178 Resp: 2150607

Ion Ratio Lower Upper

178 100

176 23.5 16.8 25.2

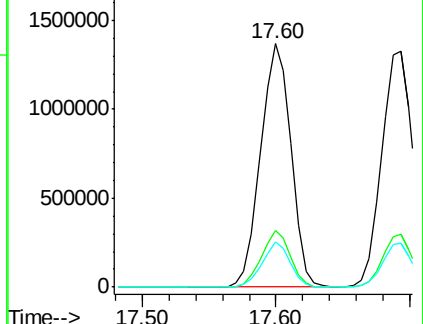
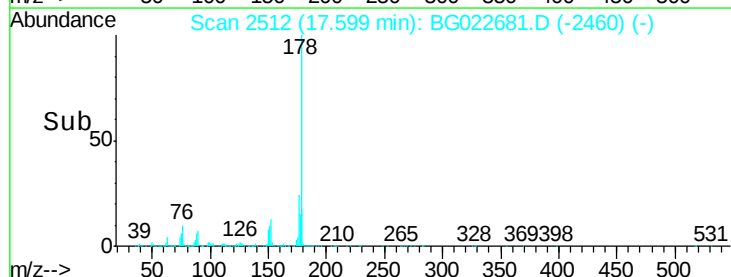
179 18.4 14.3 21.5

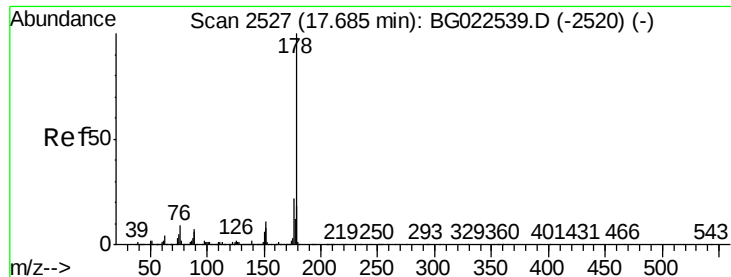


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

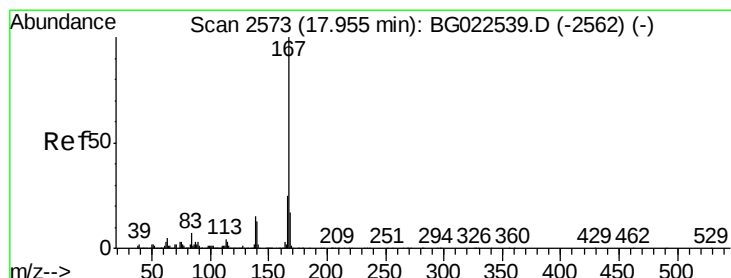
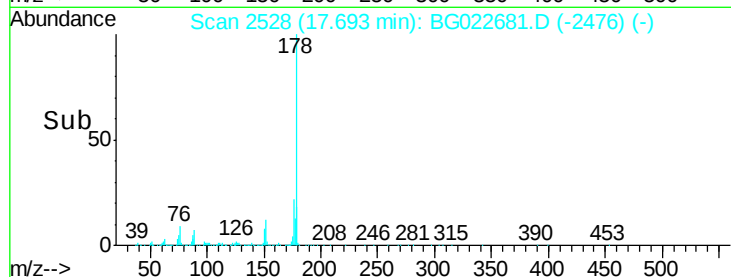
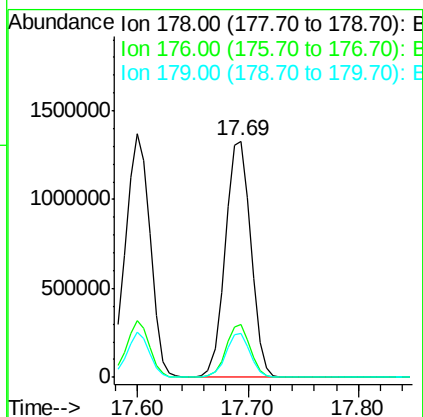
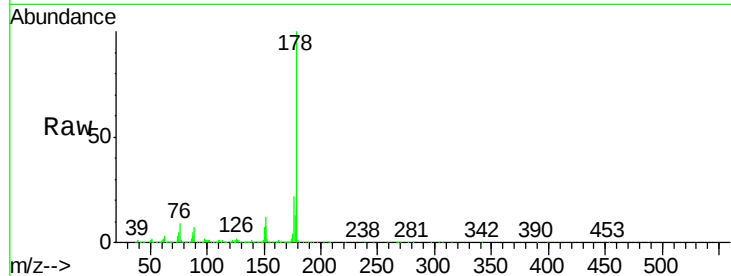




#71
 Anthracene
 Concen: 41.93 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

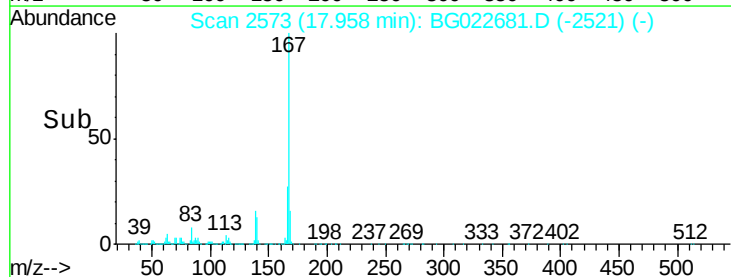
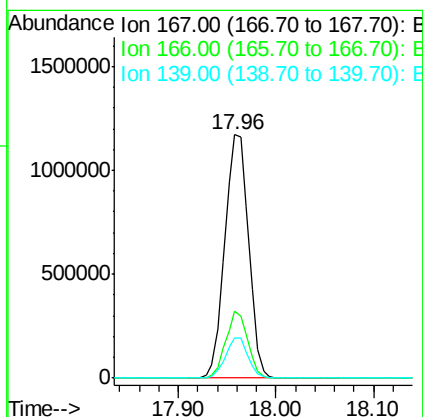
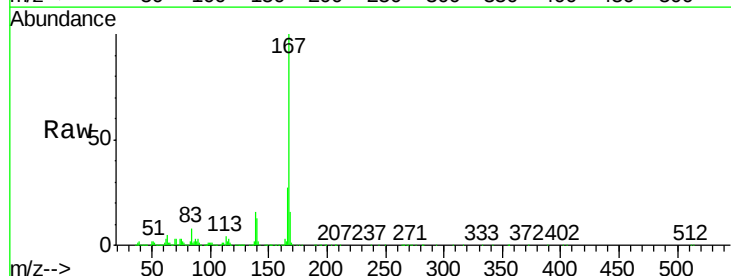
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

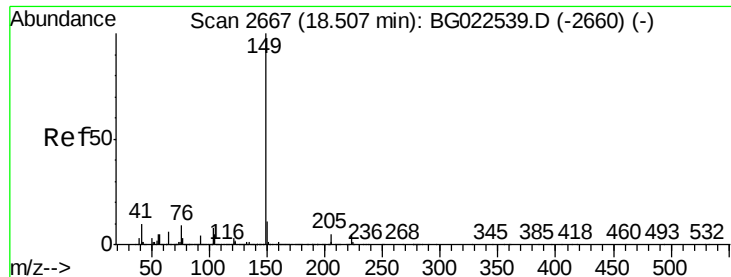
Tgt Ion:178 Resp: 2162502
 Ion Ratio Lower Upper
 178 100
 176 22.3 17.3 25.9
 179 18.5 14.0 21.0



#72
 Carbazole
 Concen: 45.24 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion:167 Resp: 1978015
 Ion Ratio Lower Upper
 167 100
 166 27.3 20.7 31.1
 139 16.2 11.9 17.9





#73

Di-n-butylphthalate

Concen: 44.01 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

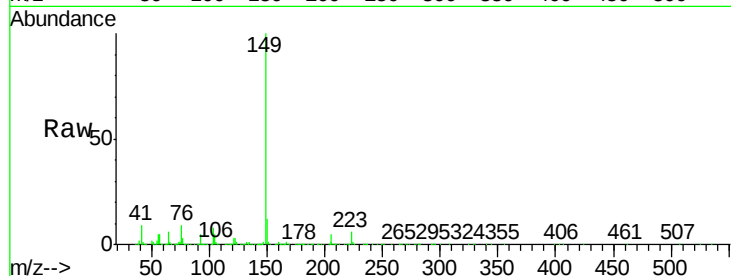
Tgt Ion:149 Resp: 2240584

Ion Ratio Lower Upper

149 100

150 12.4 9.1 13.7

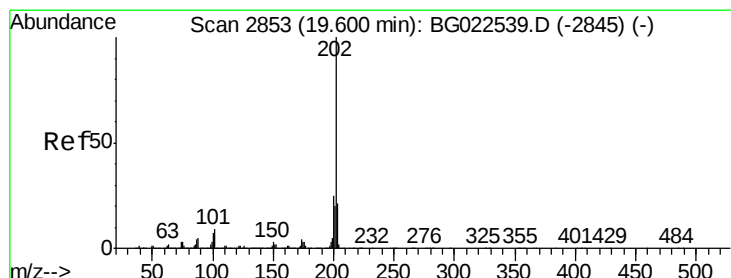
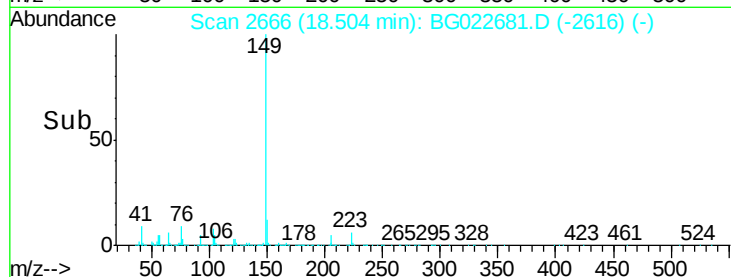
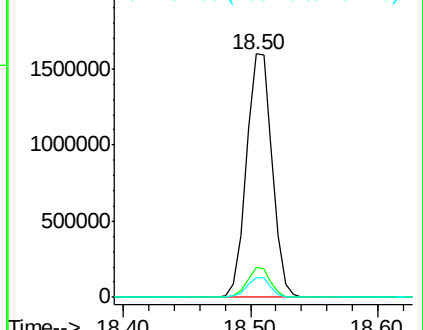
104 8.2 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.38 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

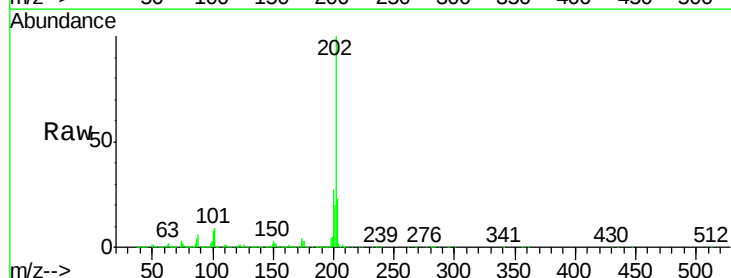
Tgt Ion:202 Resp: 2619862

Ion Ratio Lower Upper

202 100

101 8.8 0.0 27.4

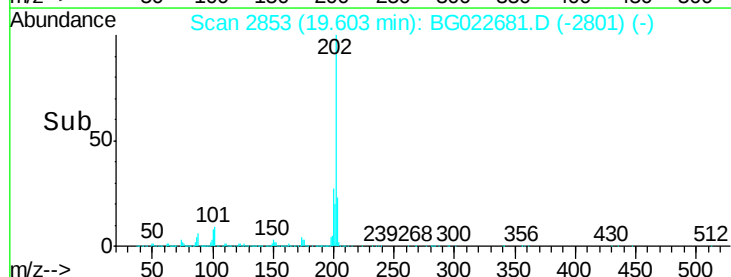
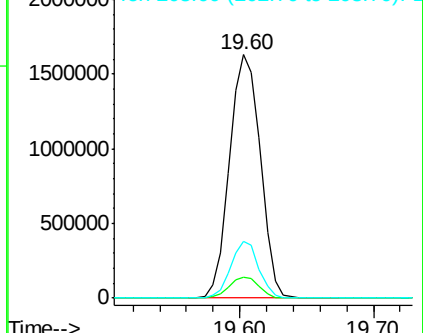
203 23.4 1.7 41.7

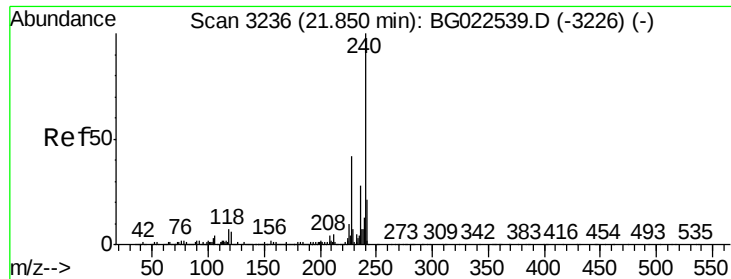


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

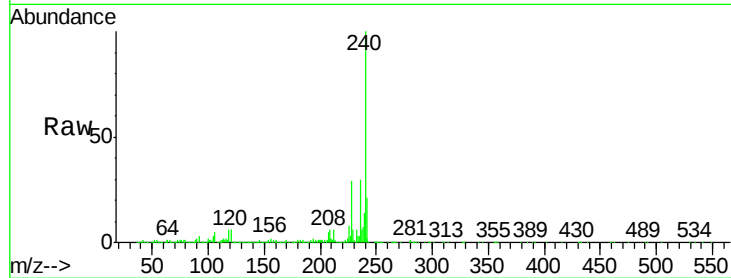
Tgt Ion:240 Resp: 1164323

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1

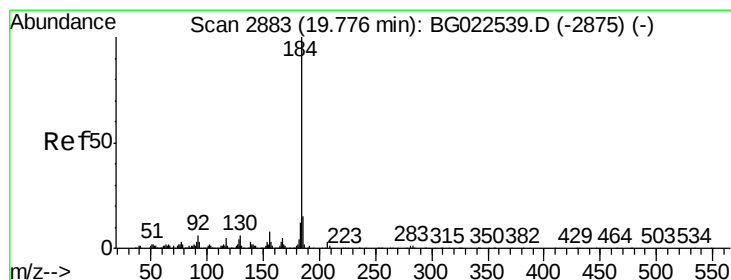
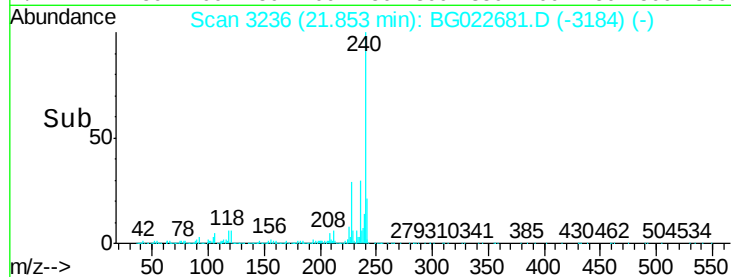
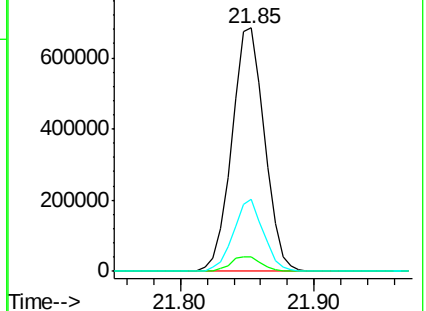
236 29.7 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 89.47 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

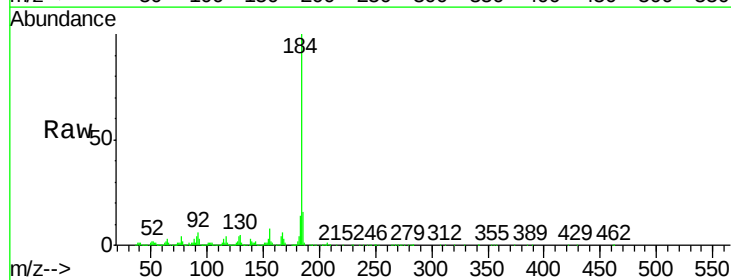
Tgt Ion:184 Resp: 1109096

Ion Ratio Lower Upper

184 100

185 16.0 12.6 19.0

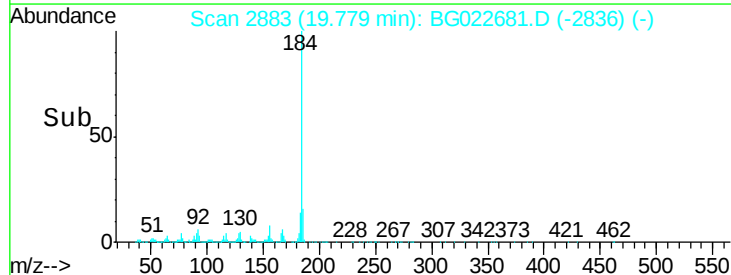
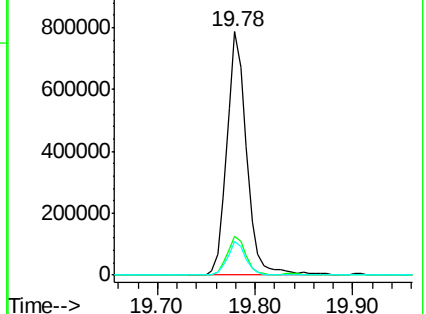
183 14.0 10.7 16.1

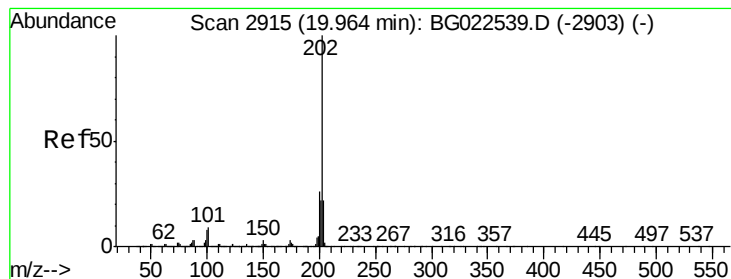


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.13 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

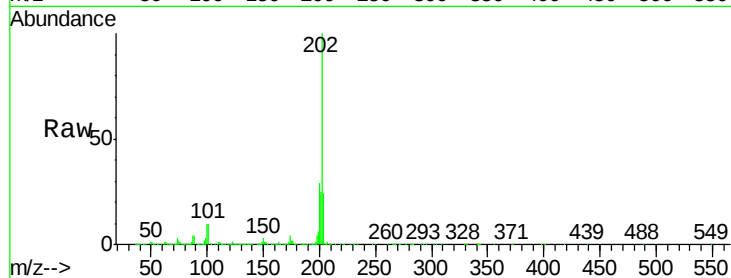
Tgt Ion:202 Resp: 2612763

Ion Ratio Lower Upper

202 100

200 28.9 21.2 31.8

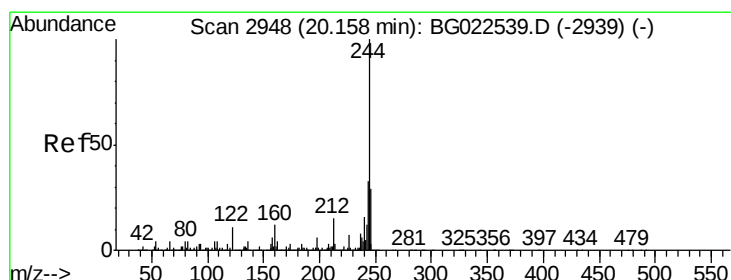
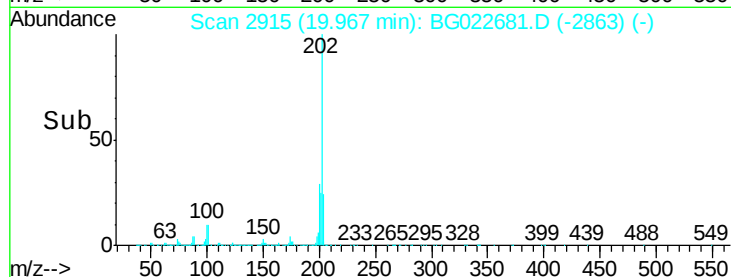
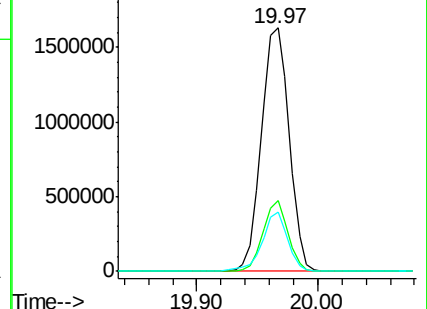
203 24.2 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.24 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

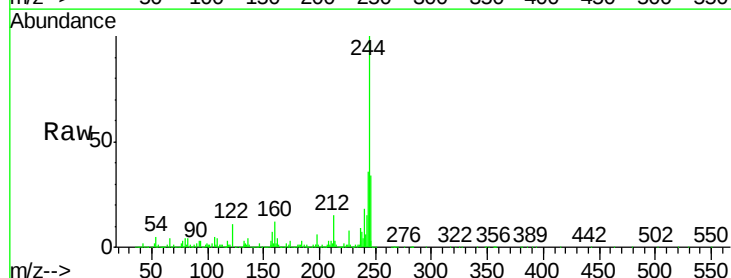
Tgt Ion:244 Resp: 3218558

Ion Ratio Lower Upper

244 100

212 15.1 10.8 16.2

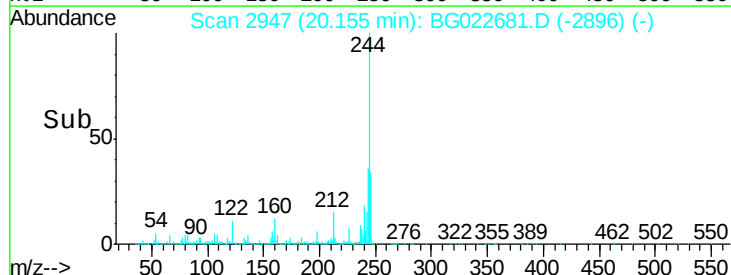
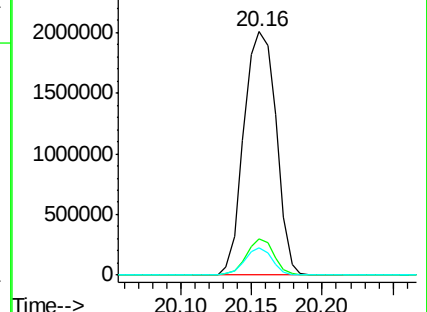
122 11.4 8.0 12.0

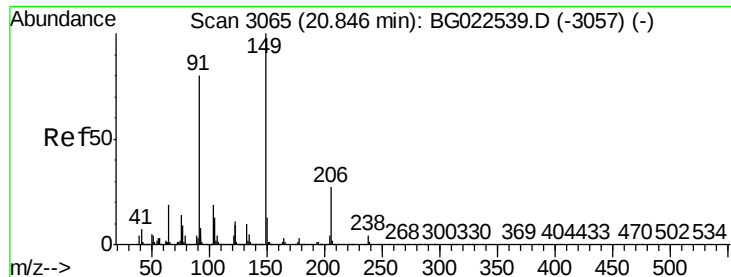


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.56 ng

RT: 20.84 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

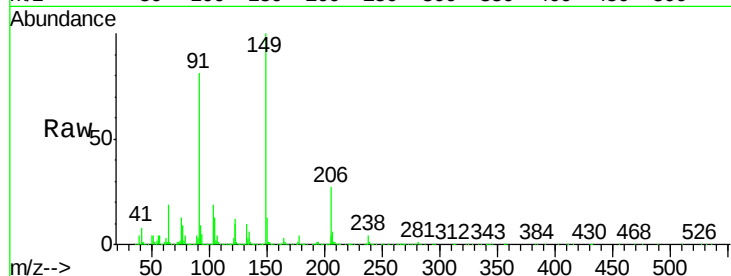
Tgt Ion:149 Resp: 1169431

Ion Ratio Lower Upper

149 100

91 80.7 68.1 102.1

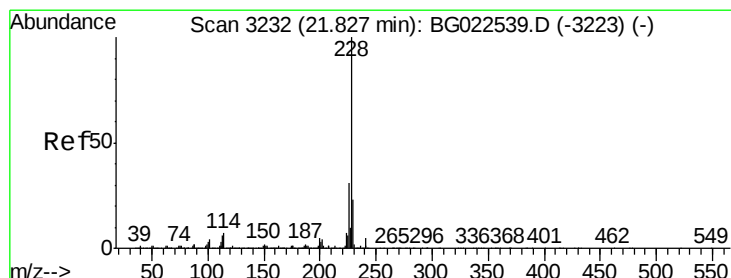
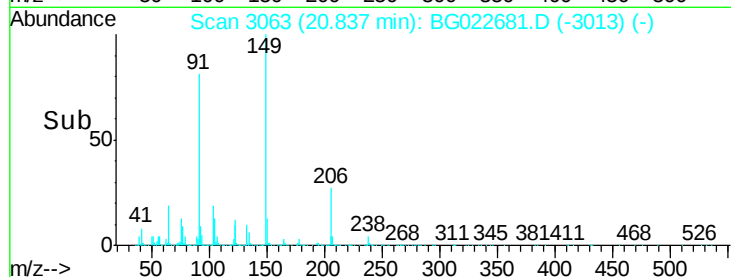
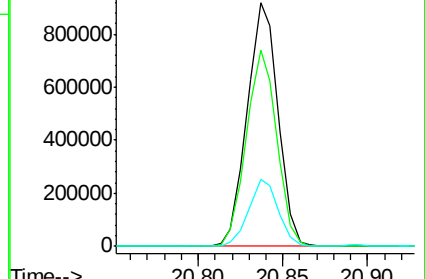
206 27.4 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.72 ng

RT: 21.83 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

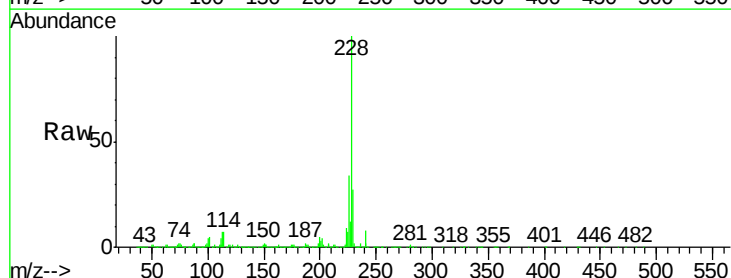
Tgt Ion:228 Resp: 2817029

Ion Ratio Lower Upper

228 100

226 34.2 25.3 37.9

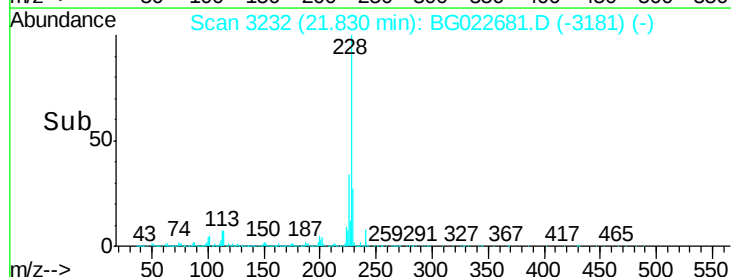
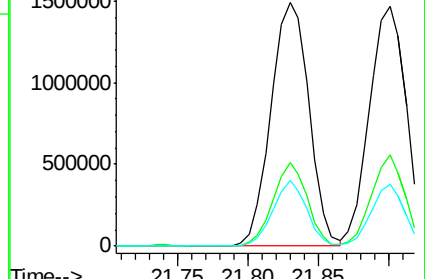
229 26.8 19.9 29.9

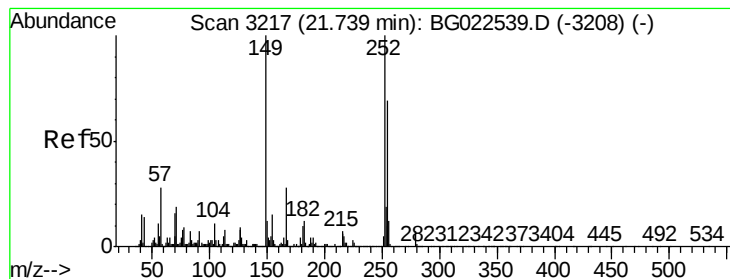


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

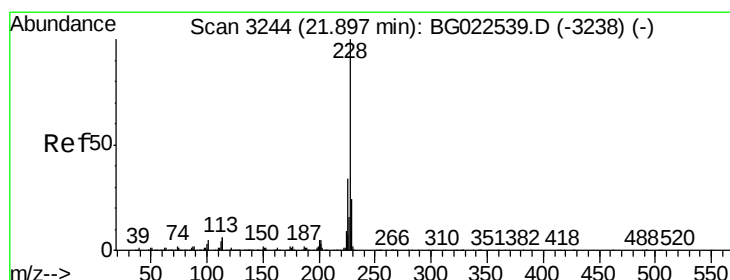
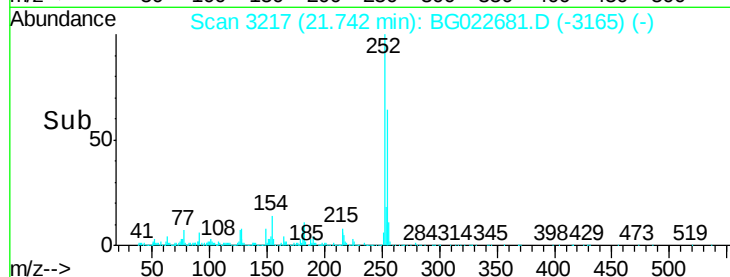
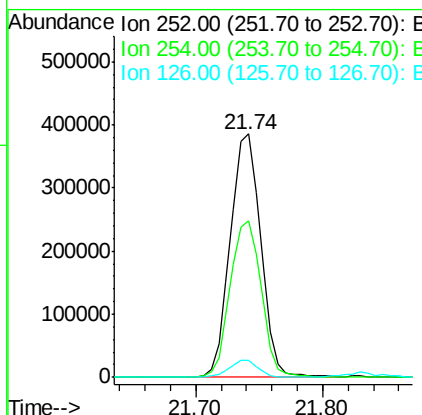
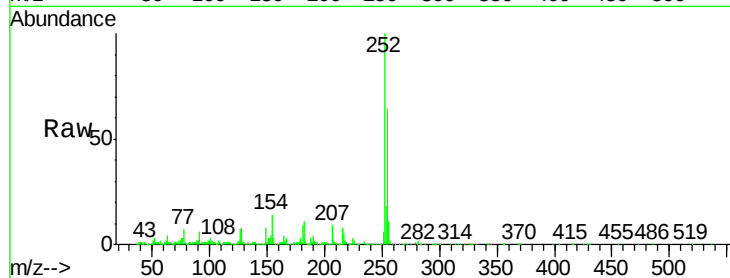




#81
 3,3'-Dichlorobenzidine
 Concen: 24.06 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

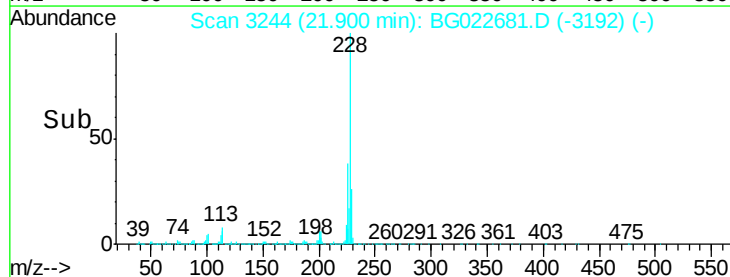
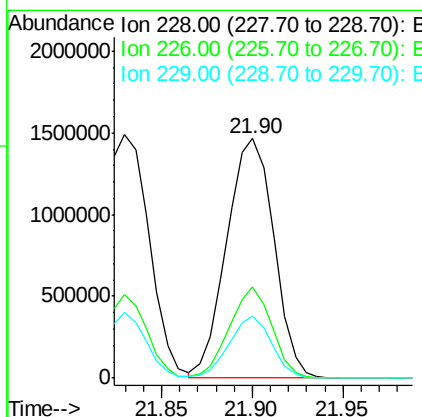
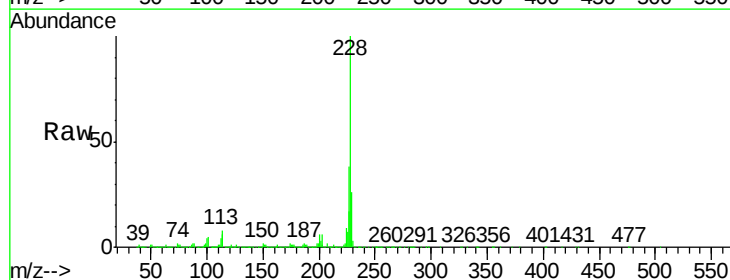
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

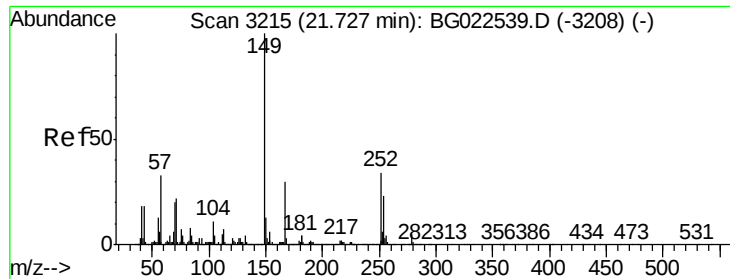
Tgt Ion: 252 Resp: 640229
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.2 76.8
 126 7.2 5.3 7.9



#82
 Chrysene
 Concen: 43.65 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion: 228 Resp: 2642578
 Ion Ratio Lower Upper
 228 100
 226 38.1 26.7 40.1
 229 25.8 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.09 ng

RT: 21.72 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

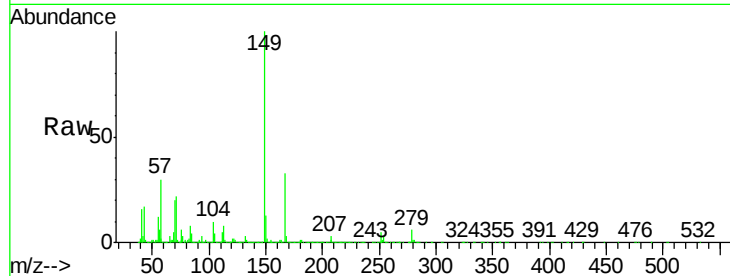
Tgt Ion:149 Resp: 1553082

Ion Ratio Lower Upper

149 100

167 32.6 24.0 36.0

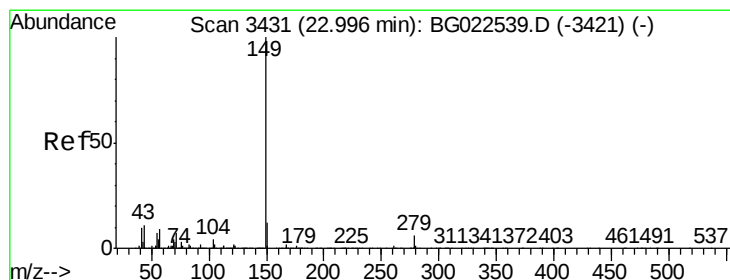
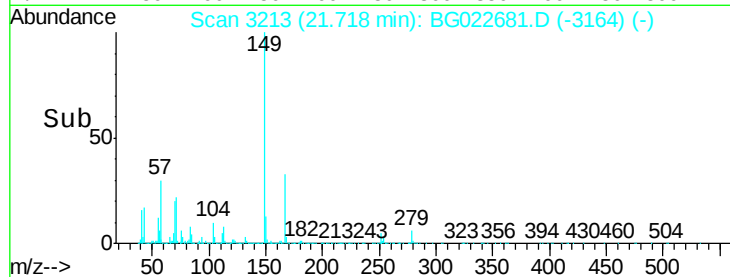
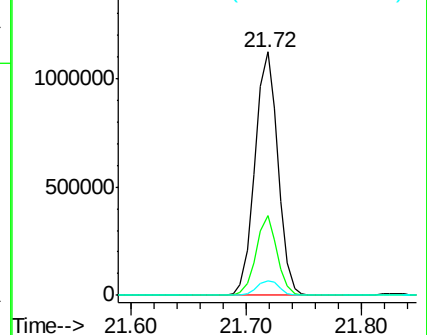
279 6.2 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.55 ng

RT: 22.98 min Scan# 3427

Delta R.T. -0.02 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

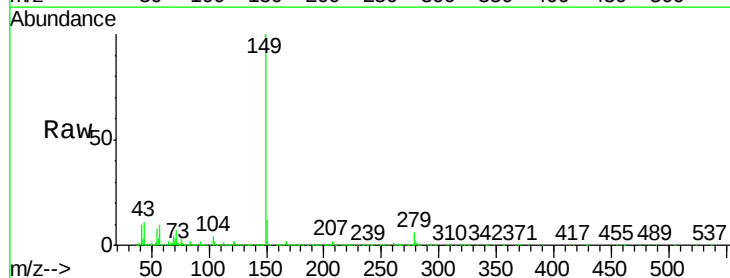
Tgt Ion:149 Resp: 2588694

Ion Ratio Lower Upper

149 100

167 2.0 1.5 2.3

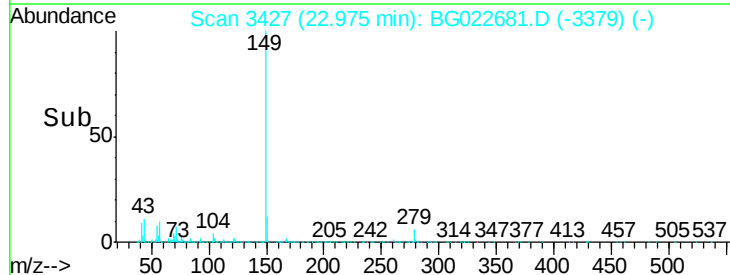
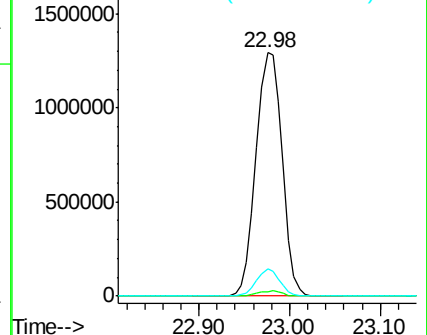
43 9.9 8.8 13.2

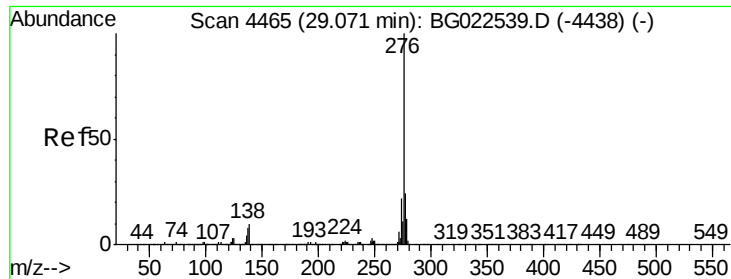


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.96 ng

RT: 29.05 min Scan# 4461

Delta R.T. 0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

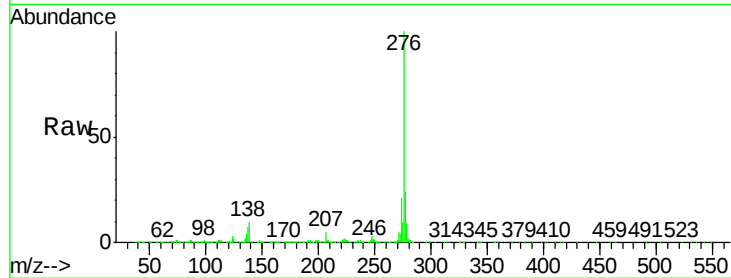
Tgt Ion:276 Resp: 3338294

Ion Ratio Lower Upper

276 100

138 5.2 0.0 0.0#

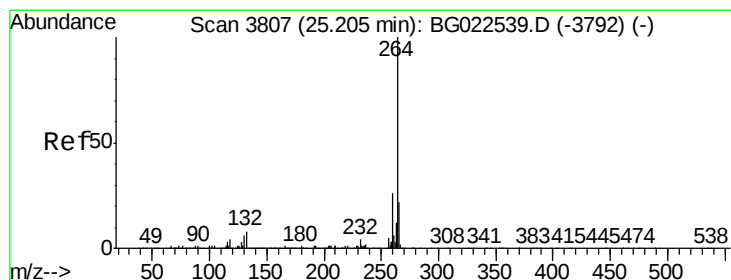
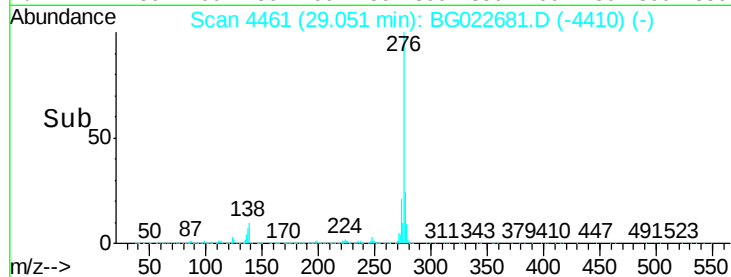
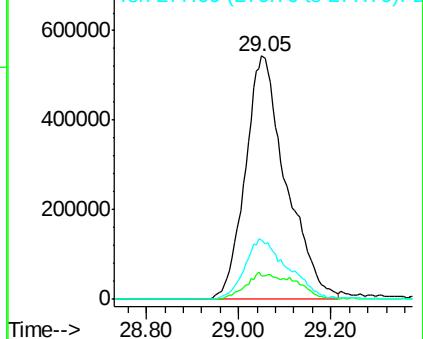
277 26.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

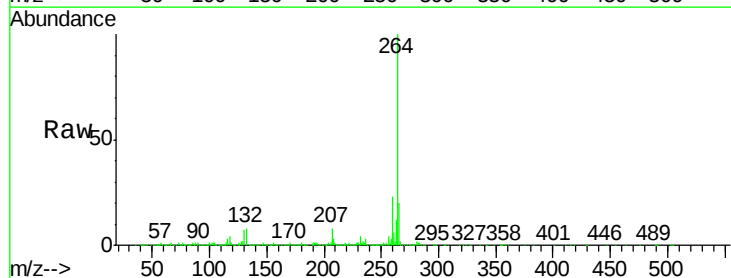
Tgt Ion:264 Resp: 1167245

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

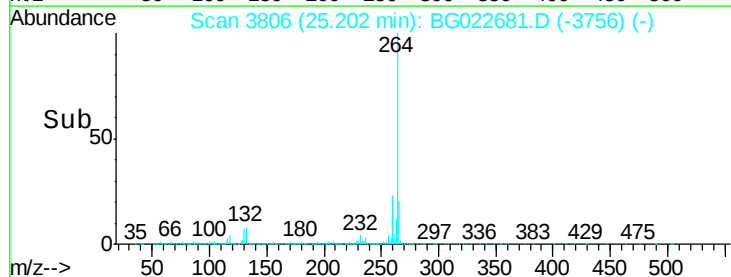
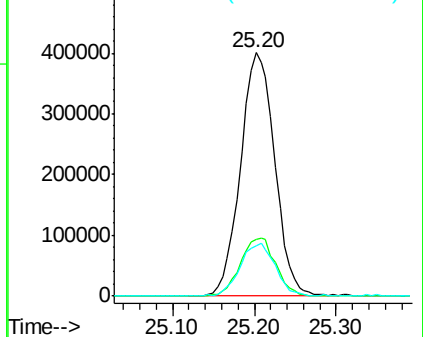
265 20.4 18.9 28.3

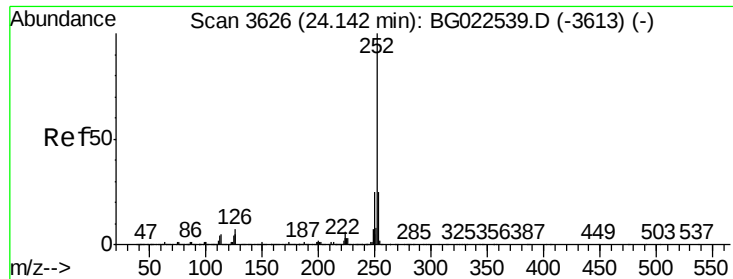


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.52 ng

RT: 24.13 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

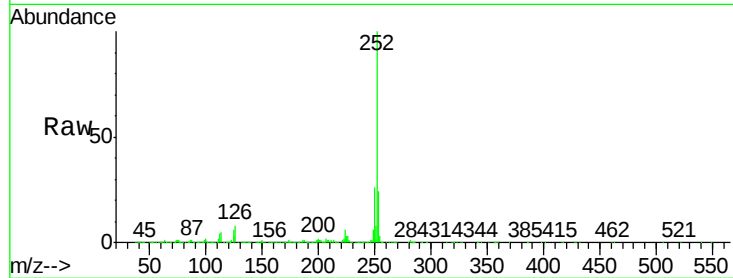
Tgt Ion:252 Resp: 3124828

Ion Ratio Lower Upper

252 100

253 24.4 18.9 28.3

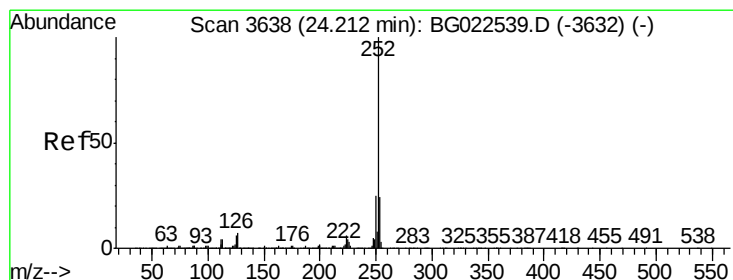
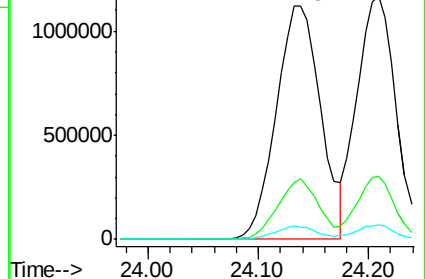
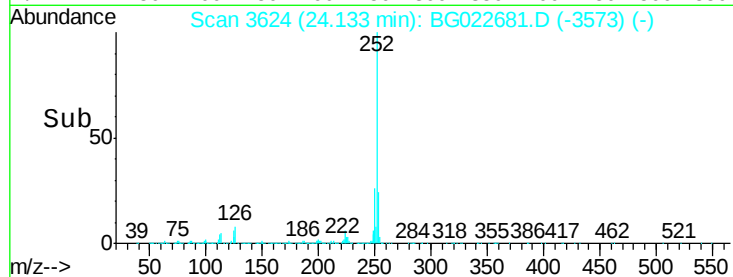
125 5.5 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.09 ng

RT: 24.21 min Scan# 3637

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

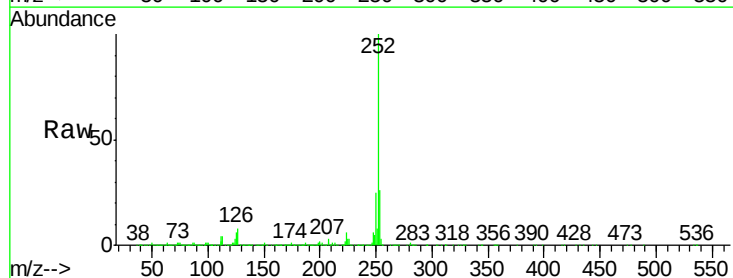
Tgt Ion:252 Resp: 2858879

Ion Ratio Lower Upper

252 100

253 25.7 18.8 28.2

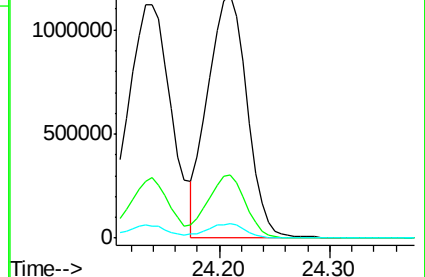
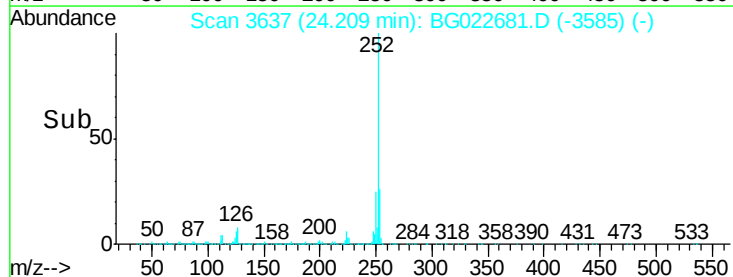
125 6.1 3.2 4.8#

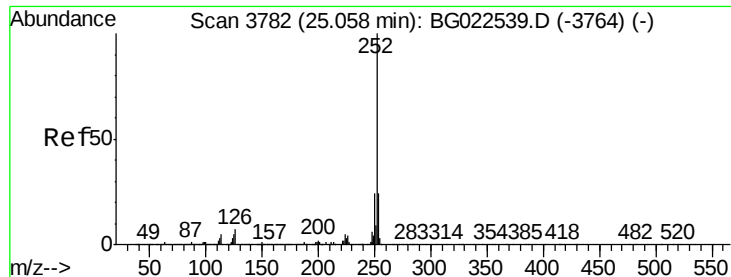


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.59 ng

RT: 25.05 min Scan# 3780

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

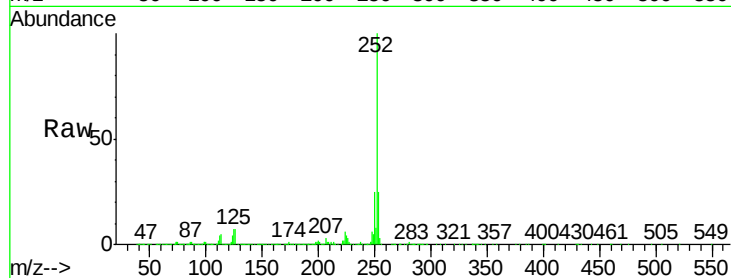
Tgt Ion:252 Resp: 2982721

Ion Ratio Lower Upper

252 100

253 24.7 18.7 28.1

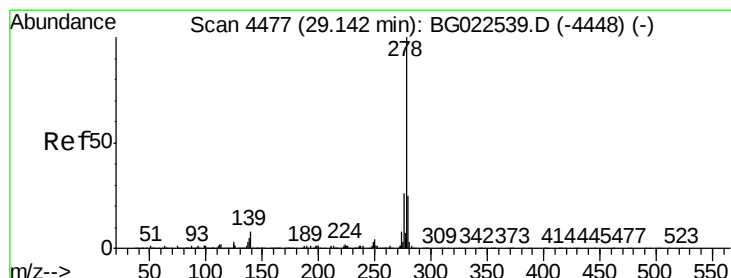
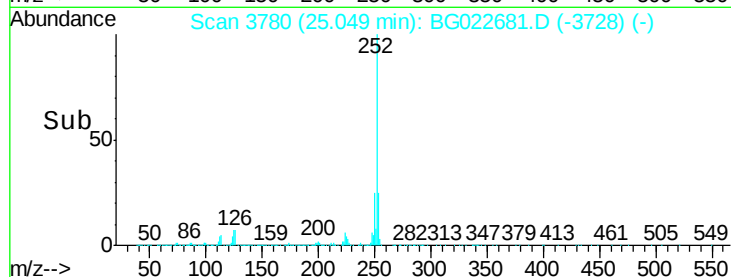
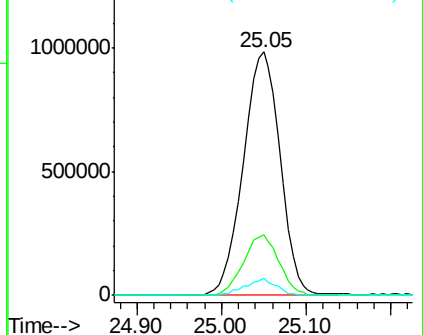
125 6.9 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.11 ng

RT: 29.12 min Scan# 4473

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

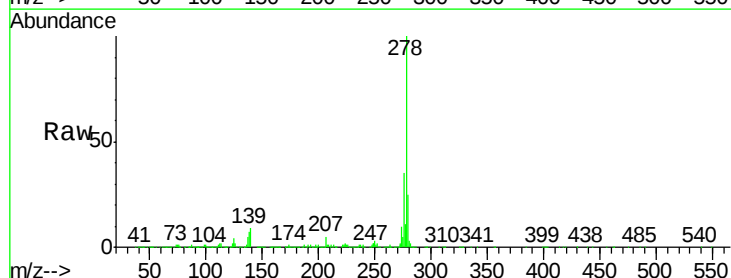
Tgt Ion:278 Resp: 2841398

Ion Ratio Lower Upper

278 100

139 9.3 4.7 7.1#

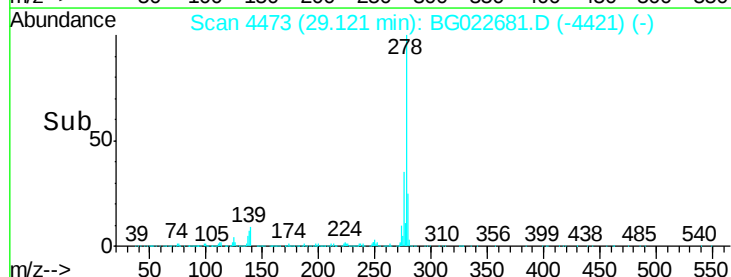
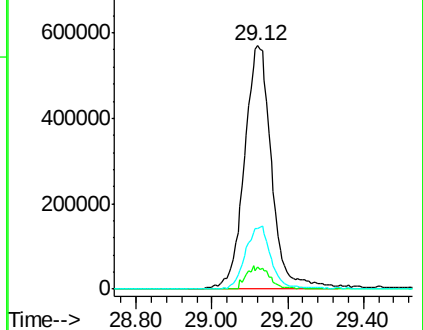
279 24.8 18.3 27.5

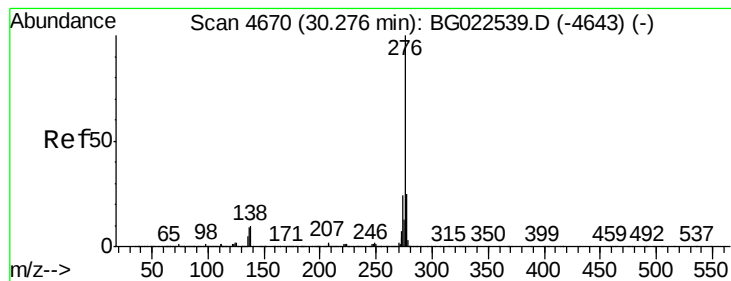


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.58 ng

RT: 30.26 min Scan# 4667

Delta R.T. 0.01 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Instrument :

BNA_G

ClientSampleId :

PB91613BS

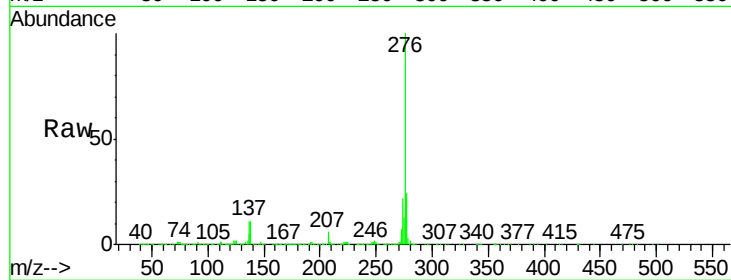
Tgt Ion:276 Resp: 2726420

Ion Ratio Lower Upper

276 100

277 24.1 18.6 27.8

138 11.0 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

