

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 04:09:17 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	150245m	52.95	ng	
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	nq	98
43) 2,4,5-Trichlorophenol	13.30	196	445148	47.93	nq	94
45) 1,1'-Biphenyl	13.63	154	1207018	43.22	nq	99
46) 2-Chloronaphthalene	13.67	162	982370	42.74	nq	97
47) 2-Nitroaniline	13.87	65	414096	46.68	nq	98
48) Acenaphthylene	14.52	152	1465883	43.98	nq	99
49) Dimethylphthalate	14.24	163	1326651	43.62	nq	96
50) 2,6-Dinitrotoluene	14.37	165	310669	47.01	nq	83
51) Acenaphthene	14.86	154	958185	39.02	nq	99
52) 3-Nitroaniline	14.70	138	179716	29.06	nq	91
53) 2,4-Dinitrophenol	14.90	184	426267	104.71	nq	94
54) Dibenzofuran	15.20	168	1558659	43.82	nq	98
55) 4-Nitrophenol	15.00	139	528392	101.04	nq	96
56) 2,4-Dinitrotoluene	15.16	165	464623	50.75	nq	91
57) Fluorene	15.85	166	1273266	44.86	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	466754	48.47	nq	99
59) Diethylphthalate	15.61	149	1368058	43.75	nq	# 94
60) 4-Chlorophenyl-phenylether	15.84	204	748874	44.32	nq	95
61) 4-Nitroaniline	15.87	138	306676	48.06	nq	88
62) Azobenzene	16.13	77	1402390	41.41	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	324475	49.23	nq	95
65) n-Nitrosodiphenylamine	16.05	169	1213659	42.44	nq	97
66) 4-Bromophenyl-phenylether	16.74	248	531263	41.67	nq	95
67) Hexachlorobenzene	16.85	284	570005	42.28	nq	98
68) Atrazine	17.00	200	546866	45.29	nq	98
69) Pentachlorophenol	17.20	266	814668	87.82	nq	96
70) Phenanthrene	17.60	178	2150607	42.91	nq	97
71) Anthracene	17.69	178	2162502	41.93	nq	98
72) Carbazole	17.96	167	1978015	45.24	nq	97
73) Di-n-butylphthalate	18.50	149	2240584	44.01	nq	98
74) Fluoranthene	19.60	202	2619862	45.38	nq	96
76) Benzidine	19.78	184	1109096	89.47	nq	99
77) Pyrene	19.97	202	2612763	42.13	nq	94
79) Butylbenzylphthalate	20.84	149	1169431	43.56	nq	95
80) Benzo(a)anthracene	21.83	228	2817029	43.72	nq	96
81) 3,3'-Dichlorobenzidine	21.74	252	640229	24.06	nq	99
82) Chrysene	21.90	228	2642578	43.65	nq	92
83) Bis(2-ethylhexyl)phthalate	21.72	149	1553082	41.09	nq	96
84) Di-n-octyl phthalate	22.98	149	2588694	41.55	nq	97
85) Indeno(1,2,3-cd)pyrene	29.05	276	3338294	41.96	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	3124828	44.52	nq	98
88) Benzo(k)fluoranthene	24.21	252	2858879	43.09	nq	# 95
89) Benzo(a)pyrene	25.05	252	2982721	43.59	nq	# 97
90) Dibenzo(a,h)anthracene	29.12	278	2841398	44.11	nq	# 95
91) Benzo(g,h,i)perylene	30.26	276	2726420	41.58	nq	# 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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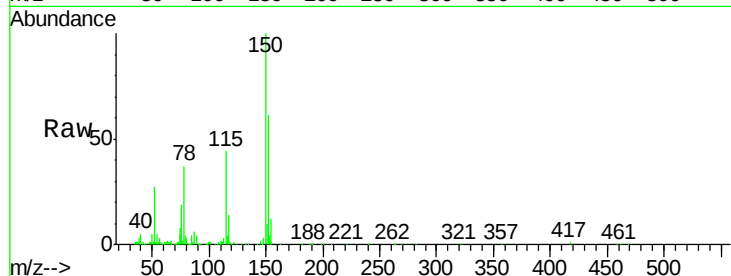
Tot Ion:152 Resp: 122839

Ion Ratio Lower Upper

152 100

150 163.3 144.7 217.1

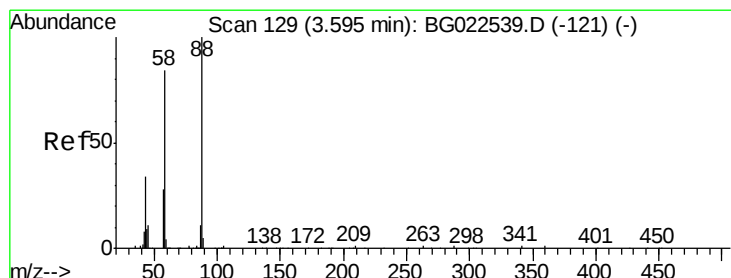
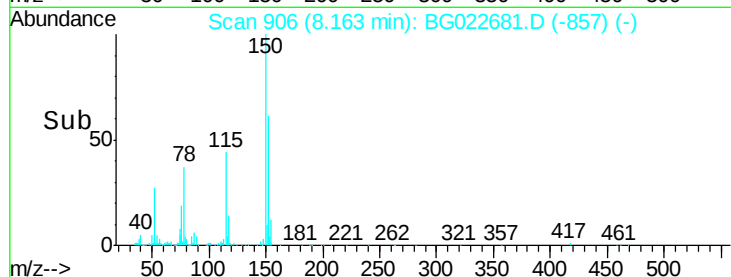
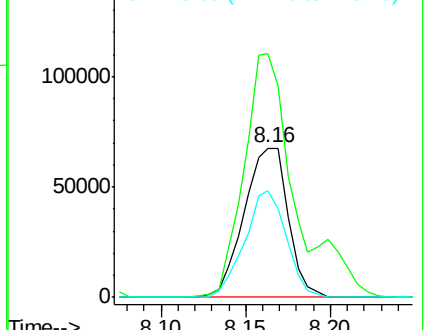
115 71.9 64.0 96.0



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

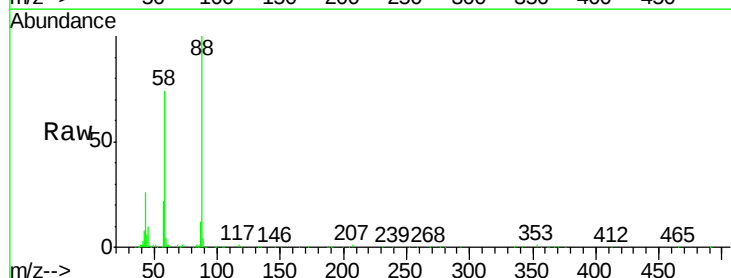
Tgt Ion: 88 Resp: 106217

Ion Ratio Lower Upper

88 100

58 75.1 60.4 90.6

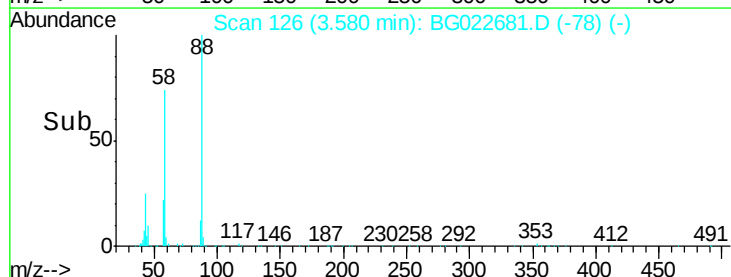
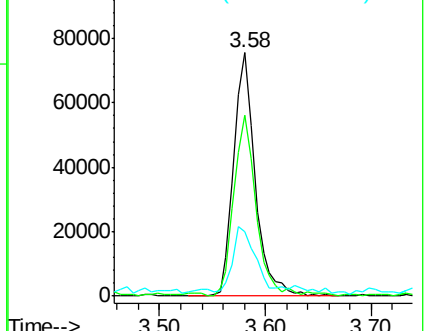
43 26.3 31.1 46.7#

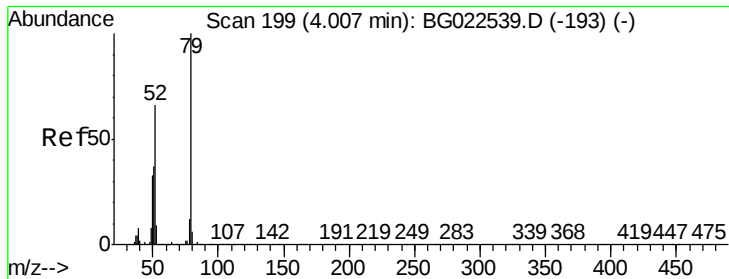


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.55 ng

RT: 3.98 min Scan# 194

Delta R.T. -0.03 min

Lab File: BG022681.D

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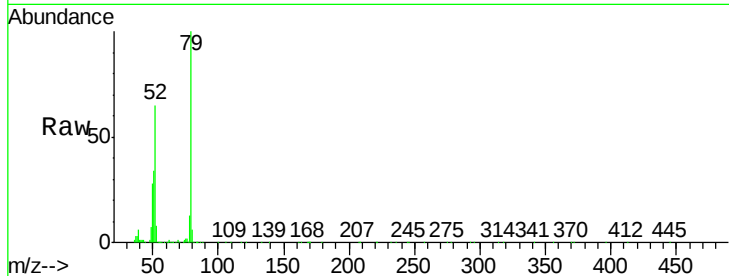
Tot Ion: 79 Resp: 352064

Ion Ratio Lower Upper

79 100

52 65.4 51.8 77.8

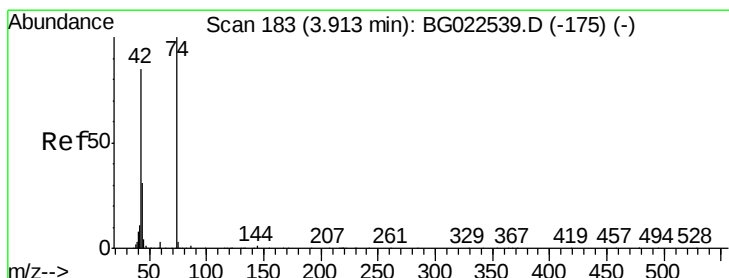
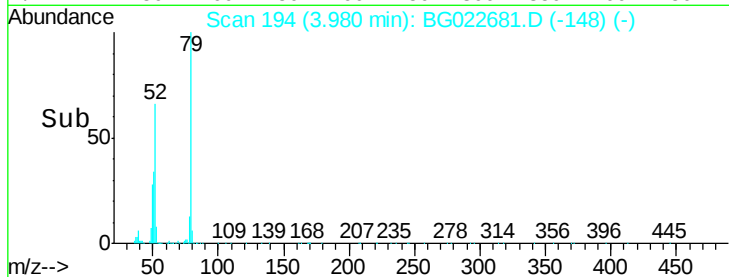
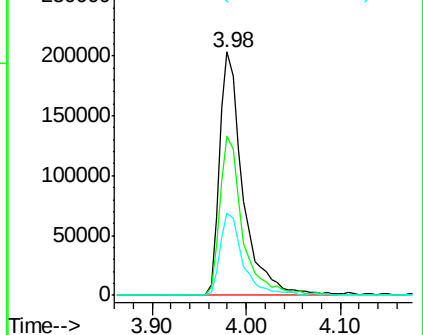
51 33.8 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 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

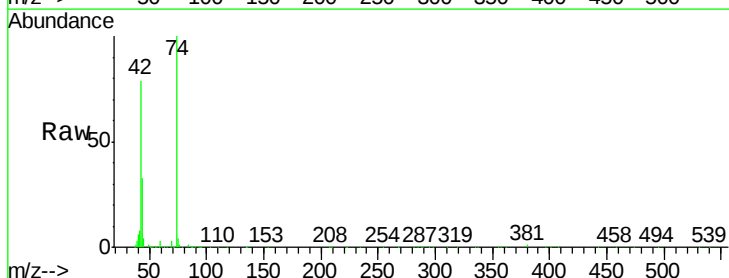
Tgt Ion: 42 Resp: 183583

Ion Ratio Lower Upper

42 100

74 127.3 100.6 150.8

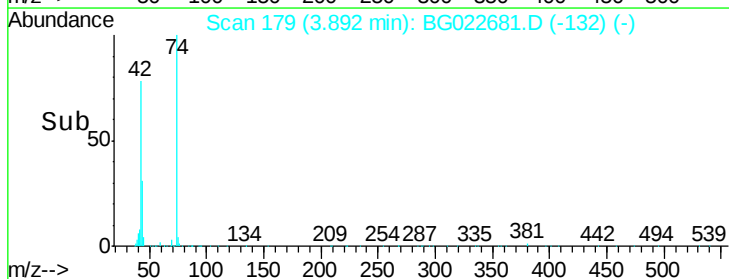
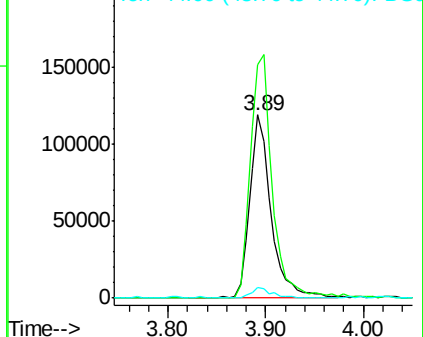
44 5.5 4.5 6.7

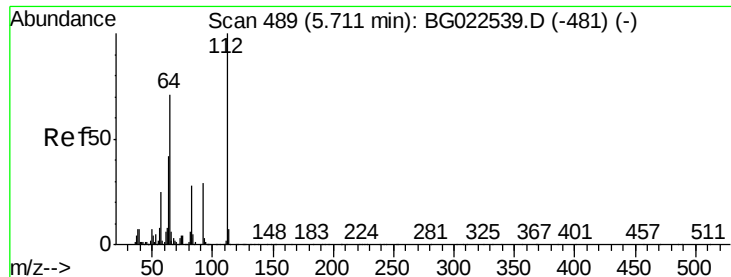


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 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 :

BNA_G

ClientSampleId :

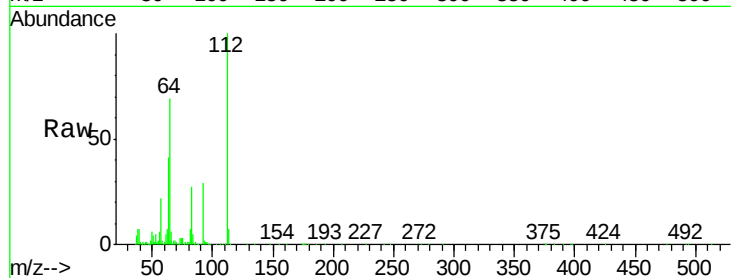
PB91613BS

Tot Ion:112 Resp: 1041761

Ion	Ratio	Lower	Upper
112	100		
64	69.2	59.0	88.4
63	40.9	37.8	56.8

64 69.2 59.0 88.4

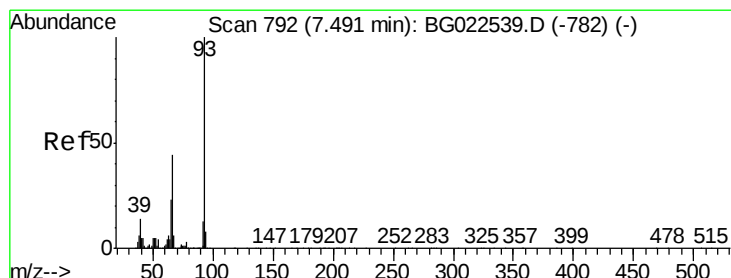
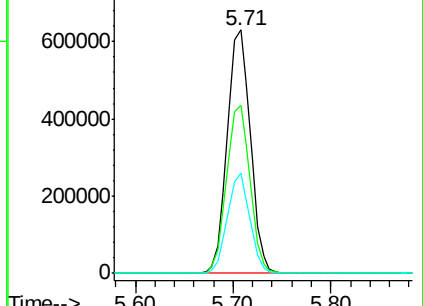
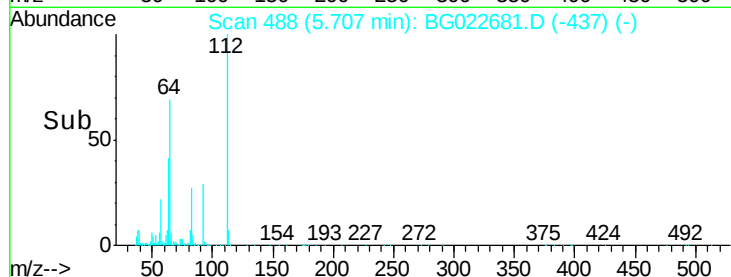
63 40.9 37.8 56.8



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

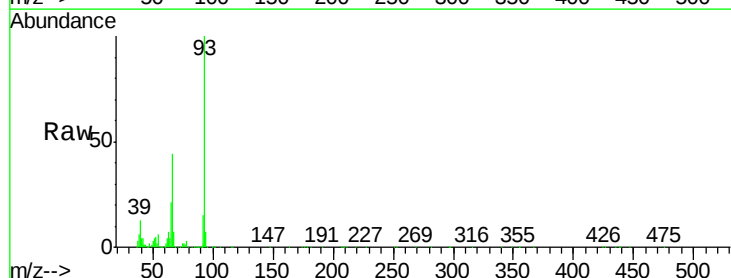
Acq: 28 Jun 2016 18:26

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

66 44.0 37.5 56.3

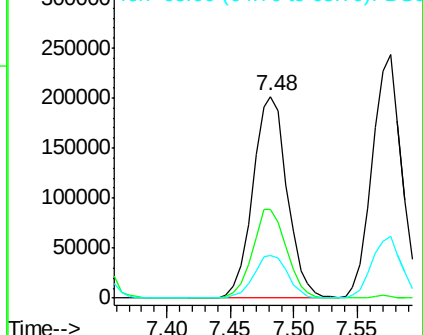
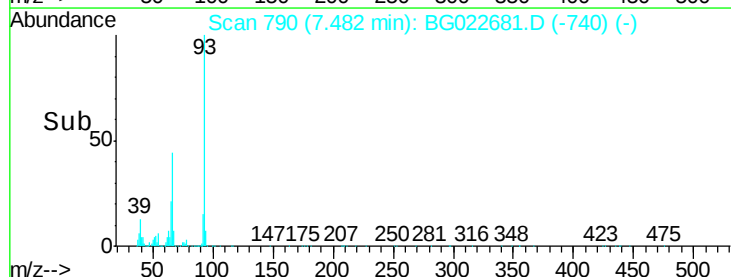
65 21.3 17.9 26.9



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

Instrument :

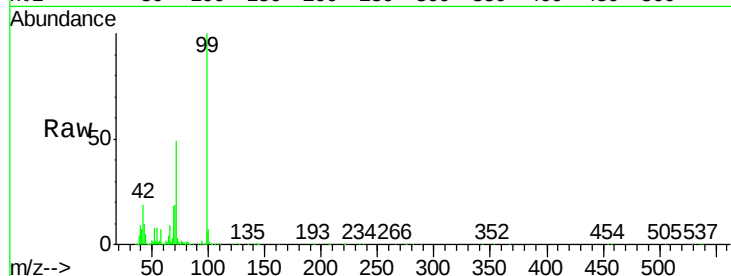
BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 1541263

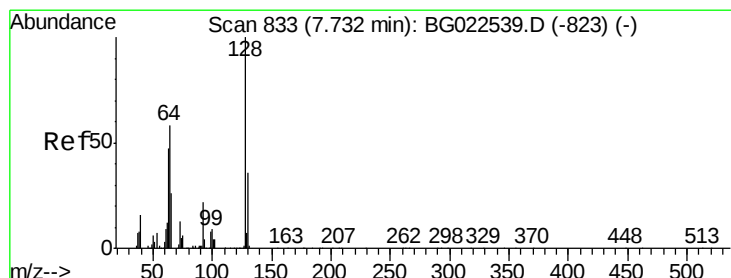
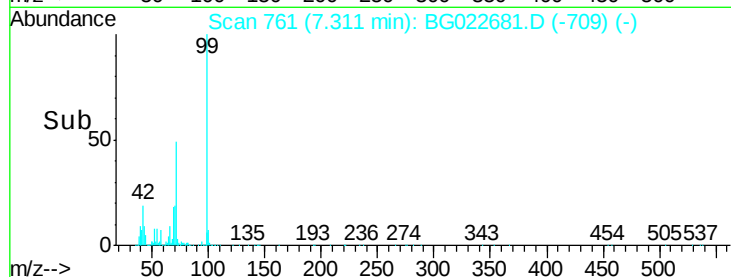
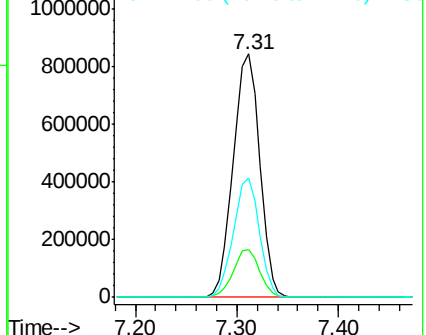
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	49.0	41.5	62.3



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

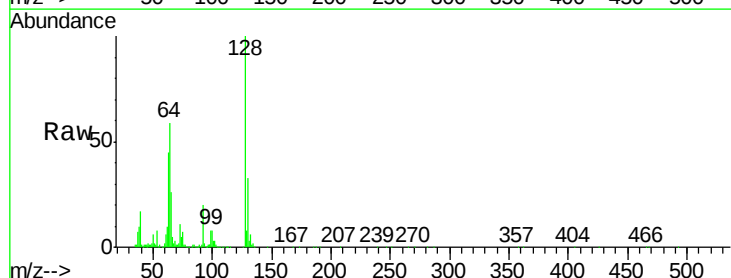
Delta R.T. -0.00 min

Lab File: BG022681.D

Acq: 28 Jun 2016 18:26

Tgt Ion: 128 Resp: 375559

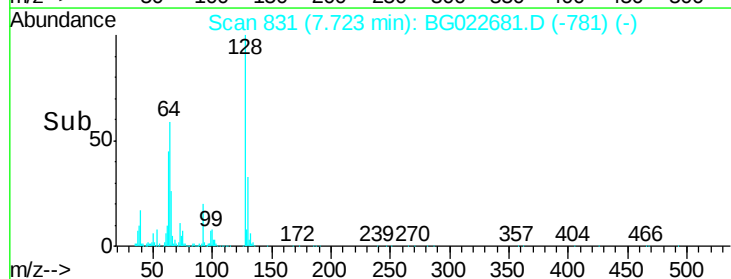
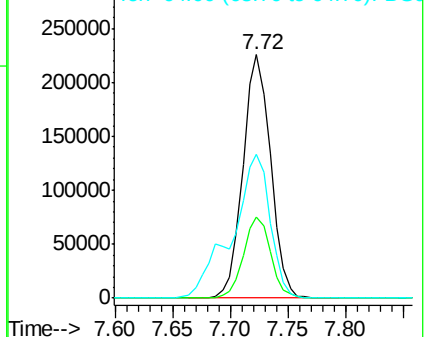
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	59.3	42.0	82.0

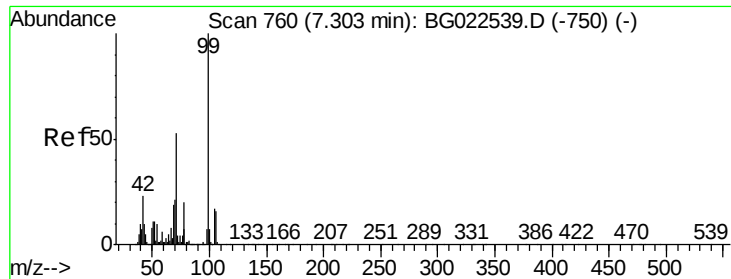


Abundance Ion 128.00 (127.70 to 128.70): BGC

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

Lab File: BG022681.D

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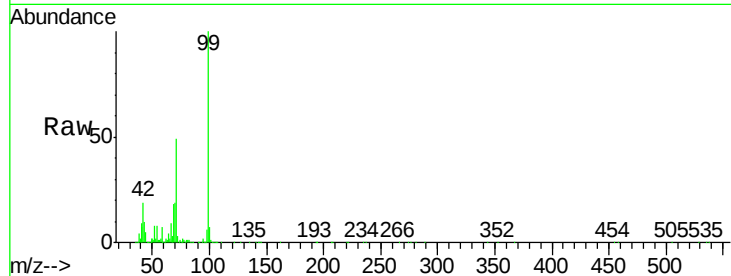
Tot Ion: 77 Resp: 11697

Ion Ratio Lower Upper

77 100

105 39.6 58.7 98.7#

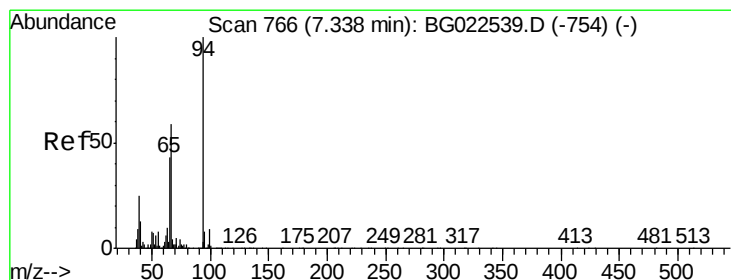
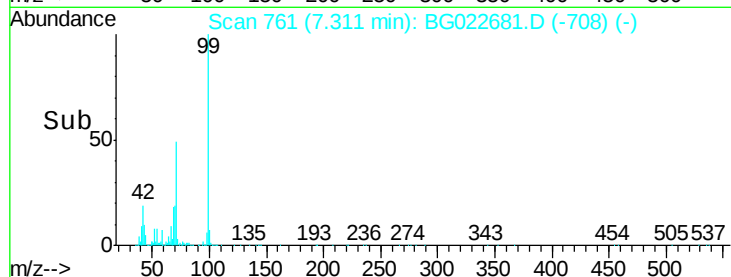
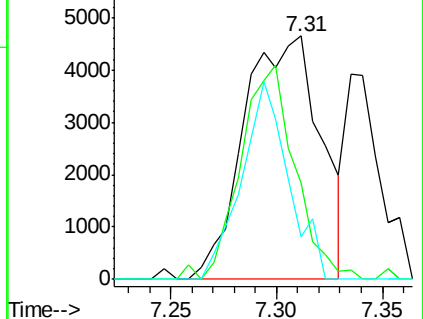
106 17.6 67.5 107.5#



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

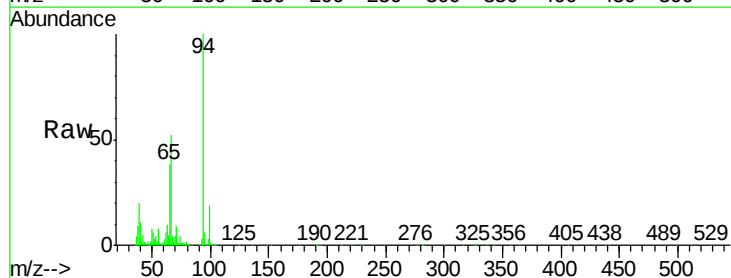
Tgt Ion: 94 Resp: 559537

Ion Ratio Lower Upper

94 100

65 37.8 18.1 58.1

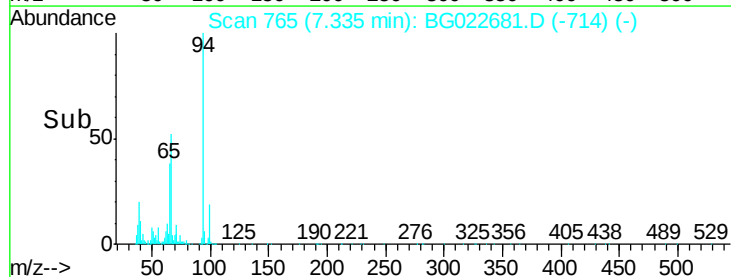
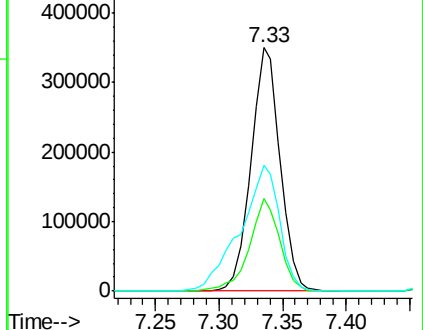
66 51.6 42.1 82.1



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

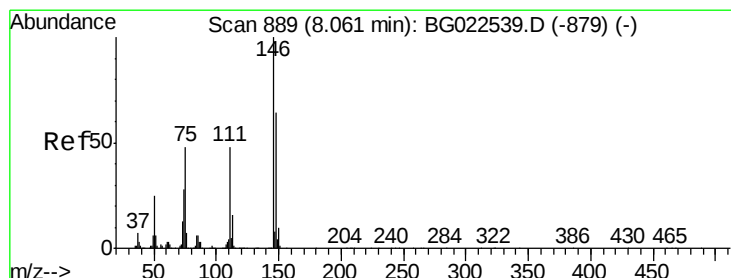
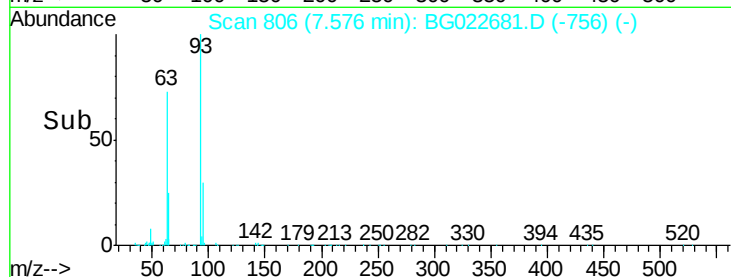
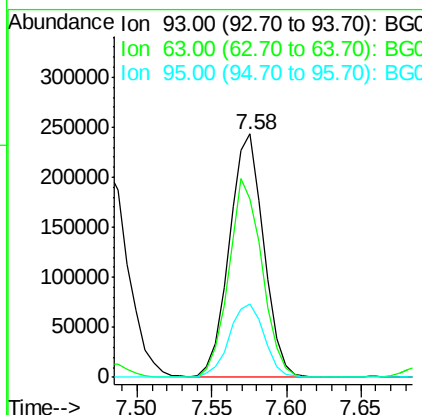
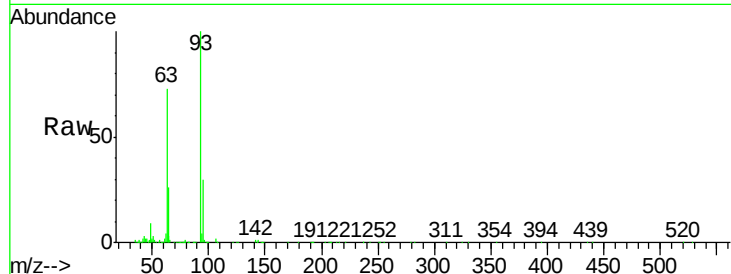




#11
bis(2-Chloroethyl)ether
Concen: 41.62 ng
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

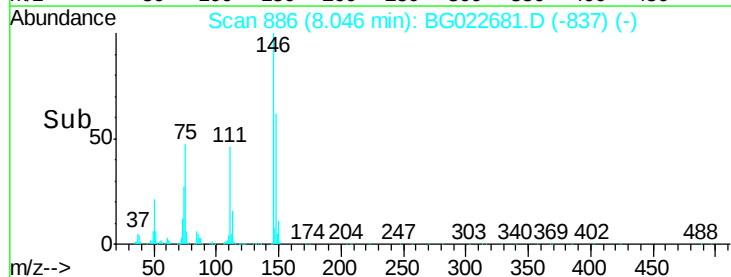
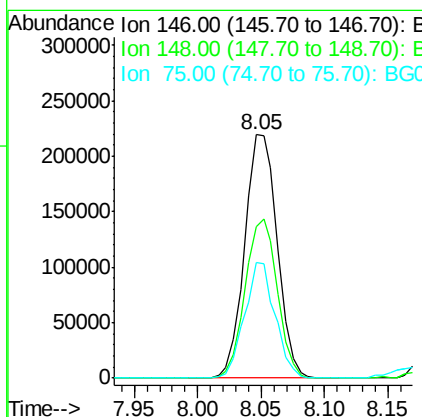
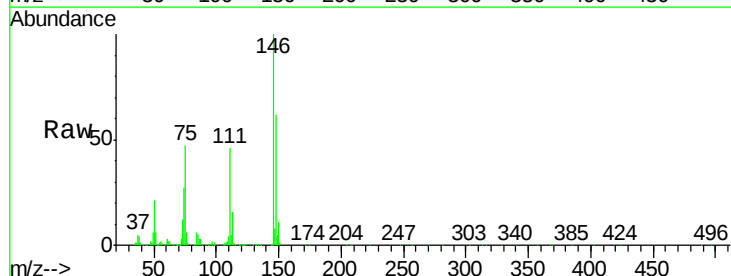
Instrument :
BNA_G
ClientSampleId :
PB91613BS

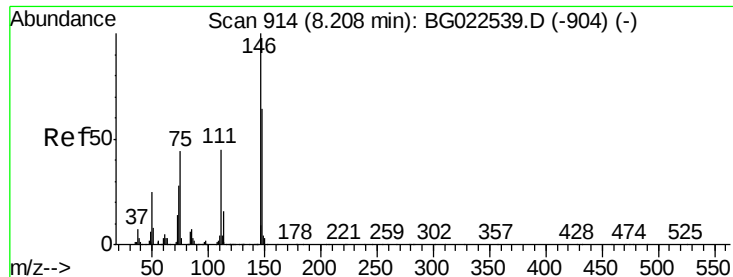
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	55.0	95.0
95	29.9	11.0	51.0



#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	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

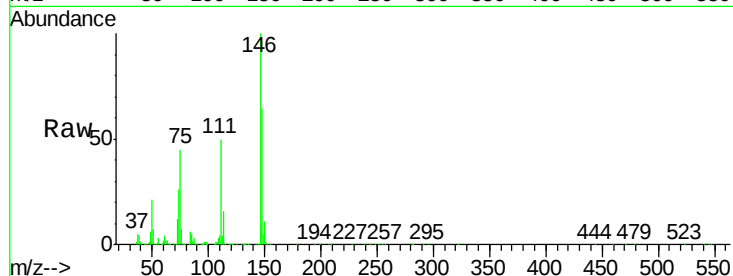
Tot Ion:146 Resp: 404558

Ion Ratio Lower Upper

146 100

148 64.5 54.5 81.7

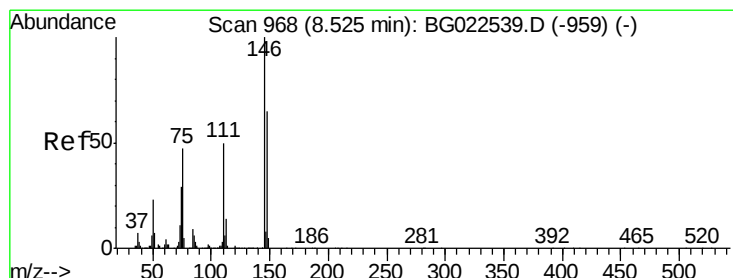
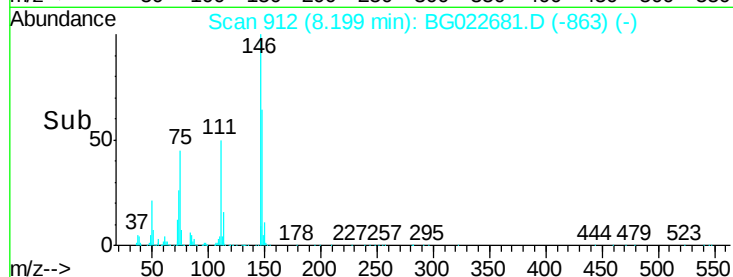
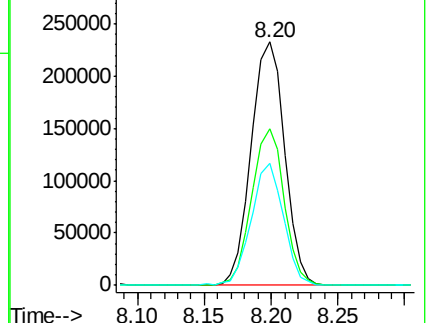
111 49.9 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

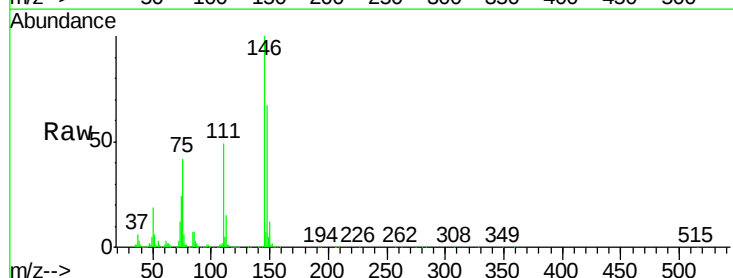
Tgt Ion:146 Resp: 388076

Ion Ratio Lower Upper

146 100

148 67.4 52.9 79.3

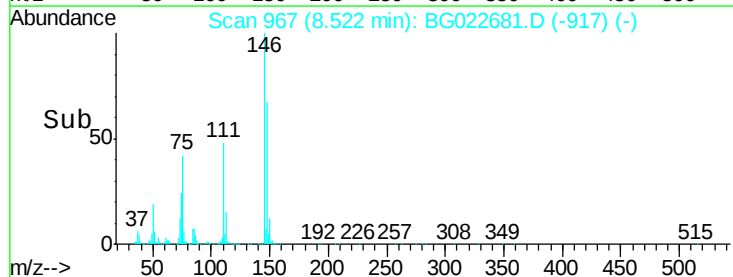
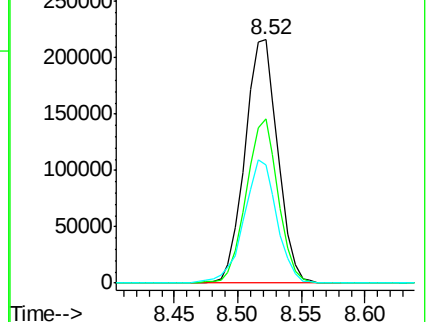
111 48.7 43.5 65.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.65 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

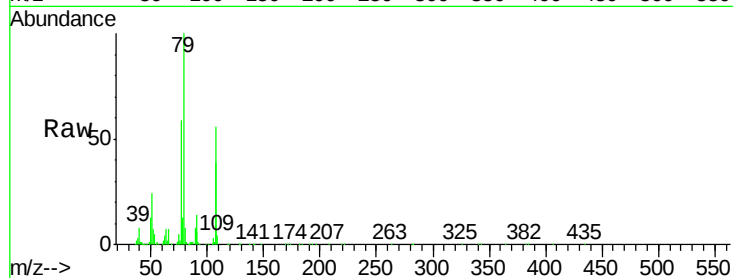
Tot Ion: 79 Resp: 465970

Ion Ratio Lower Upper

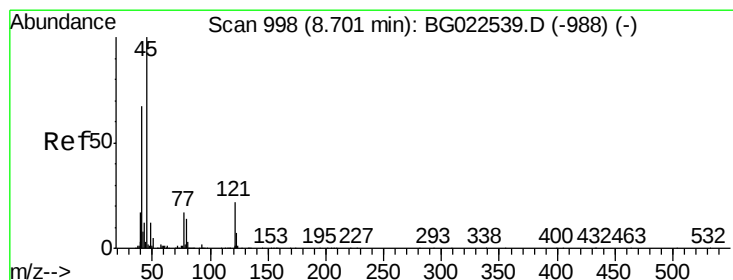
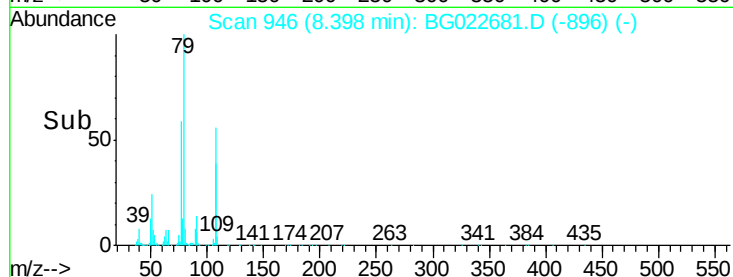
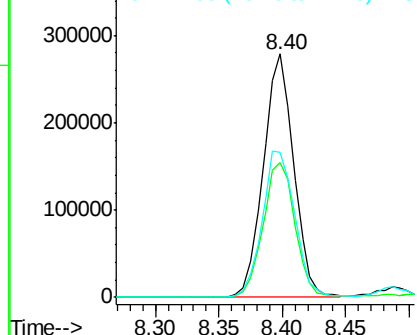
79 100

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

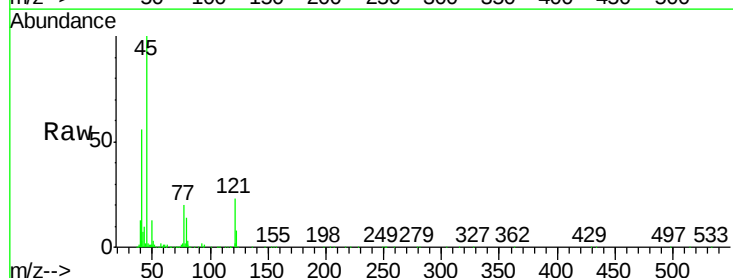
Tgt Ion: 45 Resp: 432140

Ion Ratio Lower Upper

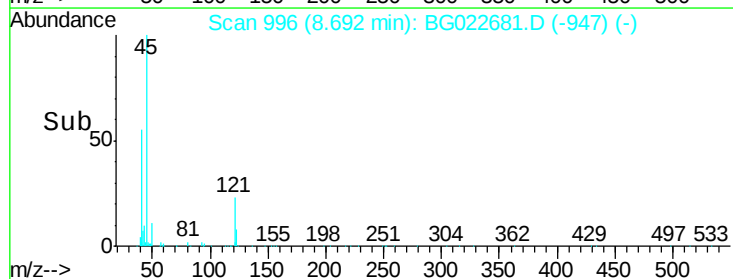
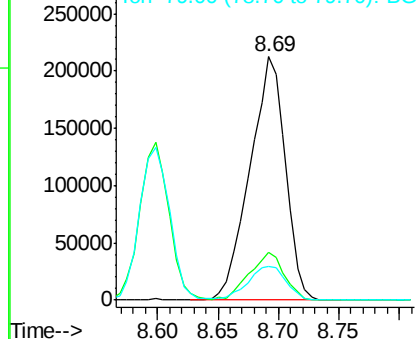
45 100

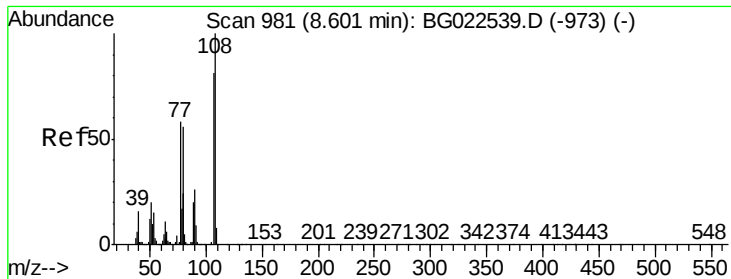
77 19.5 0.6 40.6

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

Tot Ion:107 Resp: 358949

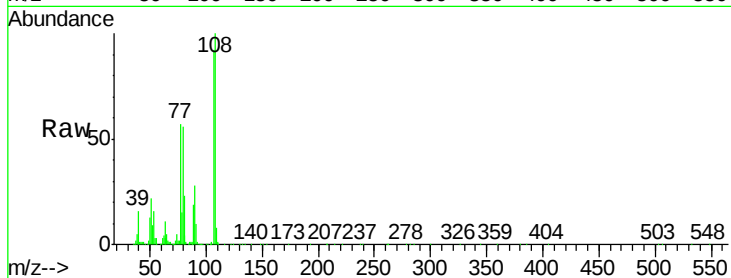
Ion Ratio Lower Upper

107 100

108 109.0 92.0 138.0

77 62.4 55.8 83.6

79 60.5 55.0 82.6

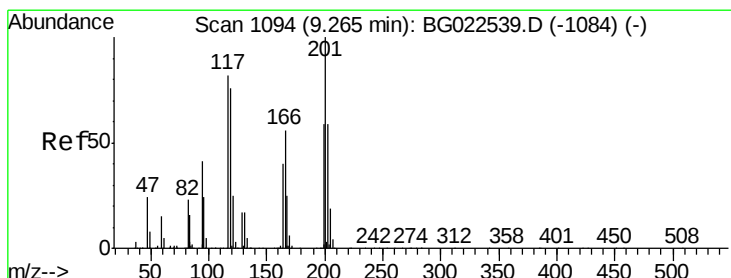
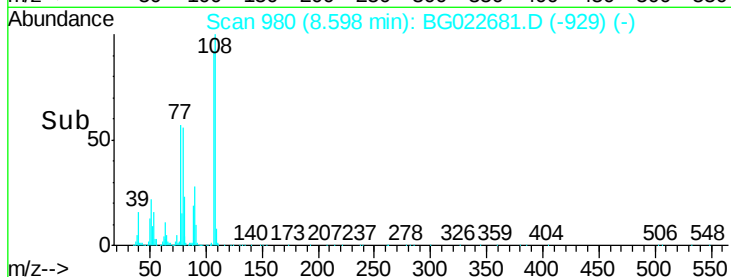
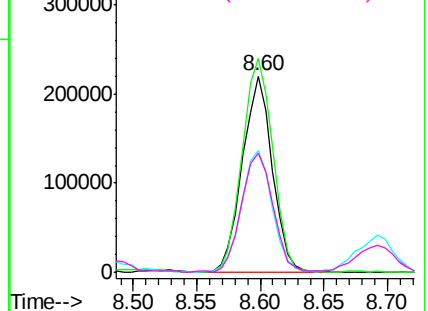


Abundance Ion 107.00 (106.70 to 107.70): E

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

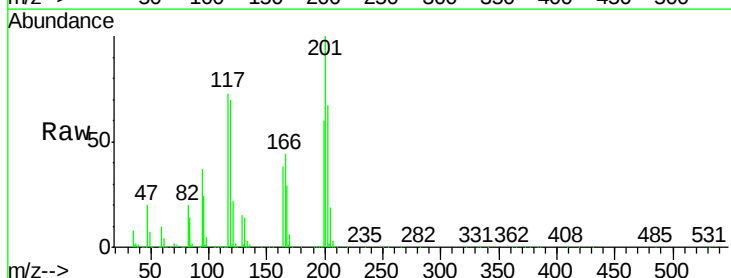
Tgt Ion:117 Resp: 157566

Ion Ratio Lower Upper

117 100

119 95.4 73.7 110.5

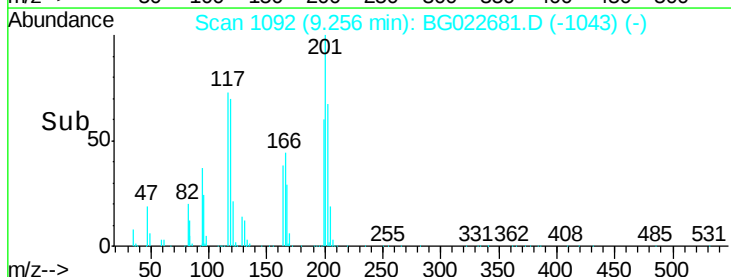
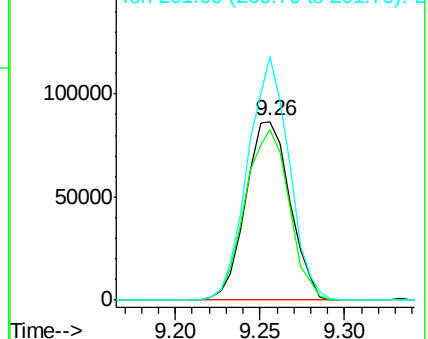
201 136.5 88.7 133.1#

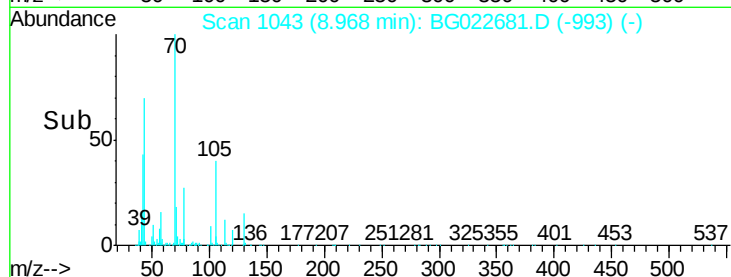
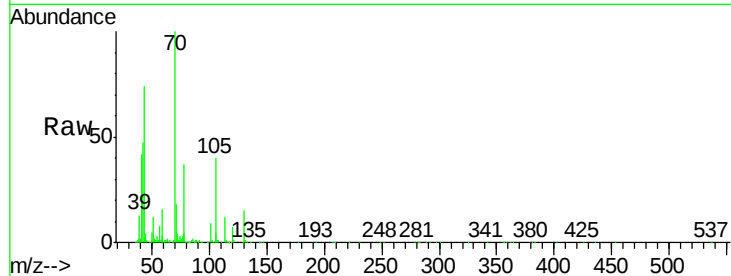
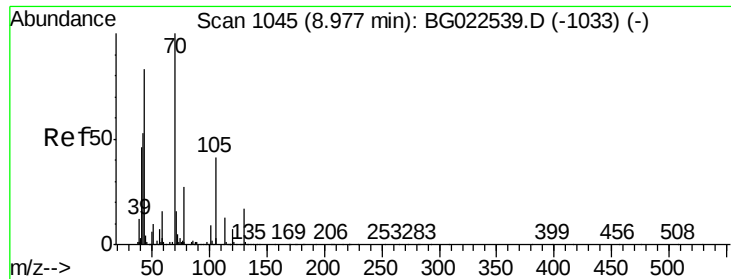


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

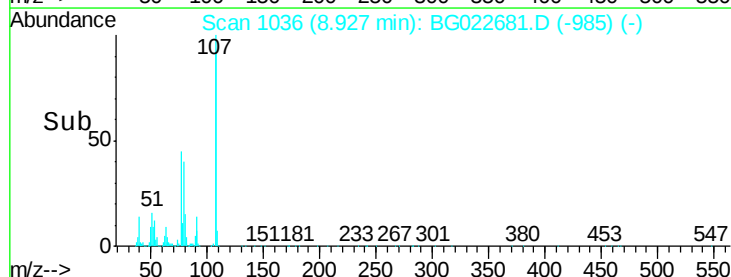
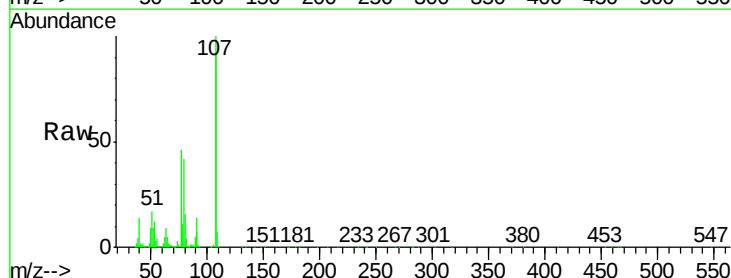
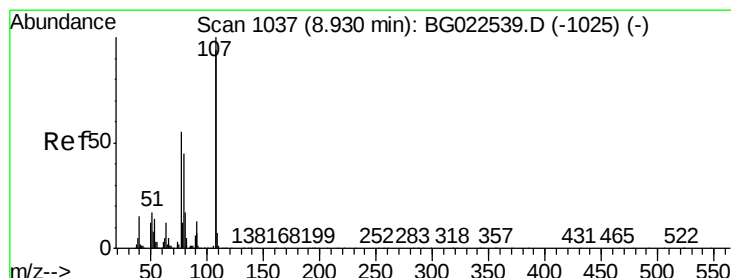
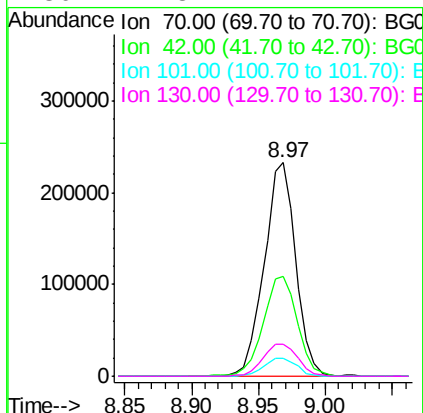




#19
n-Nitroso-di-n-propylamine
Concen: 42.35 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

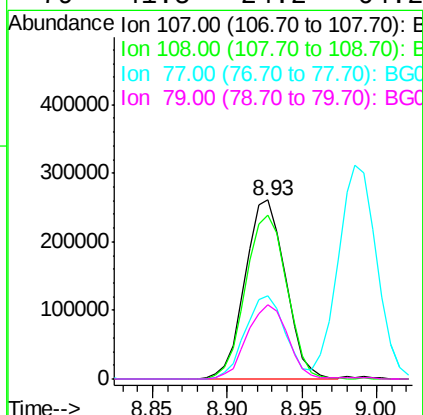
Instrument :
BNA_G
ClientSampleId :
PB91613BS

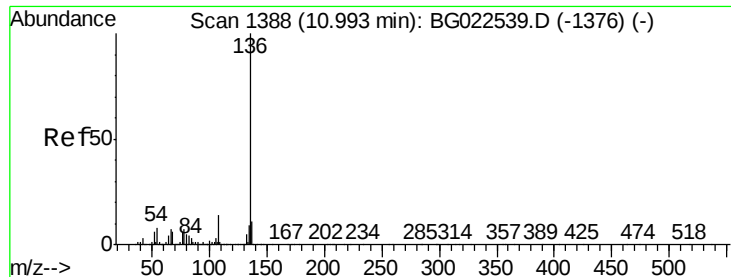
Tot Ion:	70	Resp:	380749
Ion	Ratio	Lower	Upper
70	100		
42	46.9	42.1	63.1
101	8.7	7.2	10.8
130	14.8	14.2	21.2



#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





#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

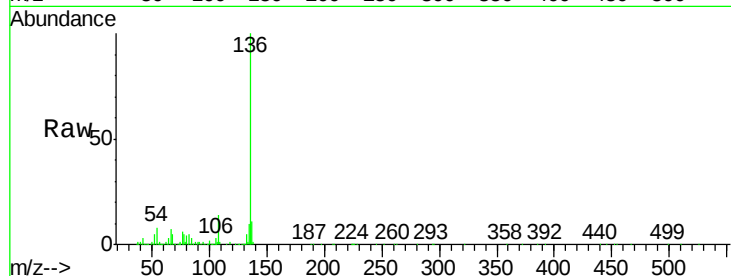
Instrument :

BNA_G

ClientSampleId :

PB91613BS

Tot 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#



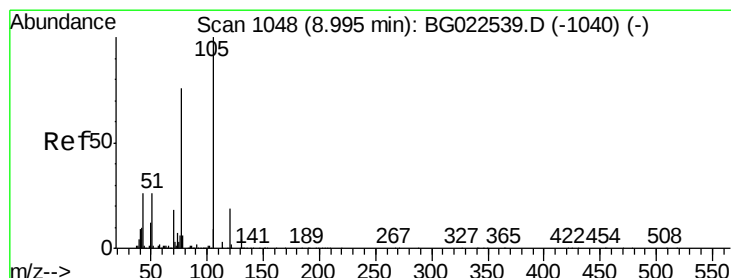
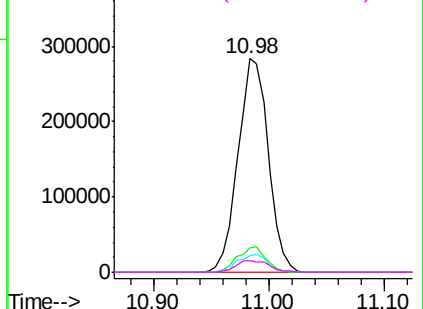
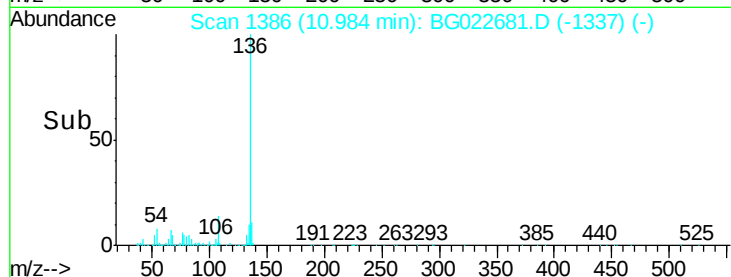
Abundance

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

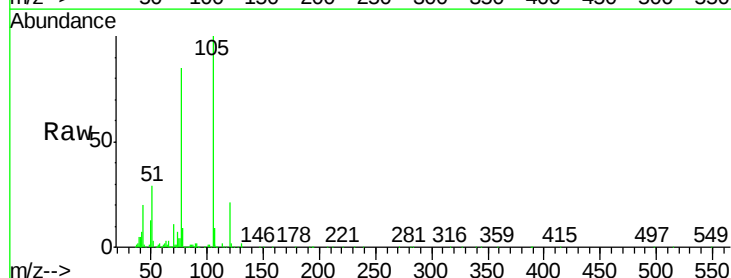
RT: 8.99 min Scan# 1046

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



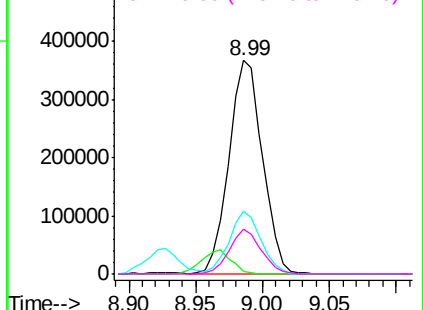
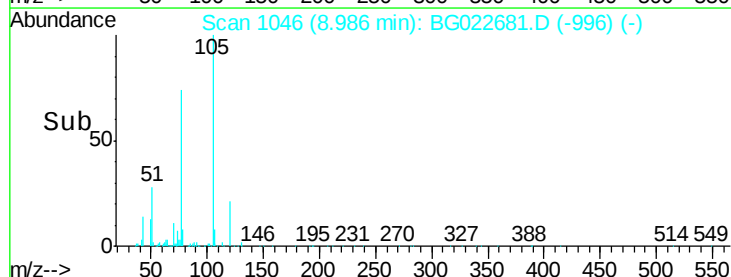
Abundance

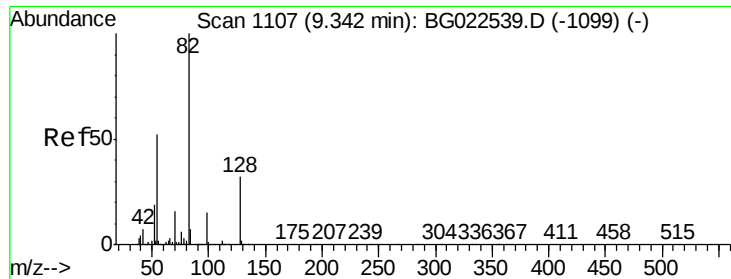
Ion 105.00 (104.70 to 105.70): E

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

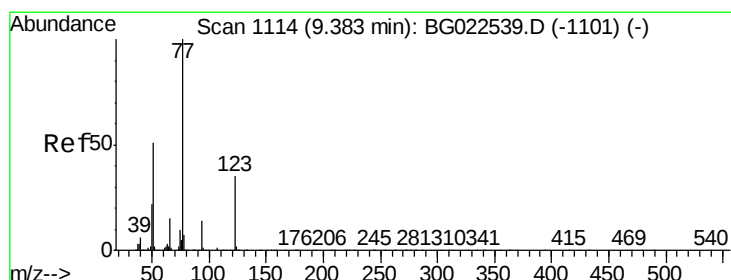
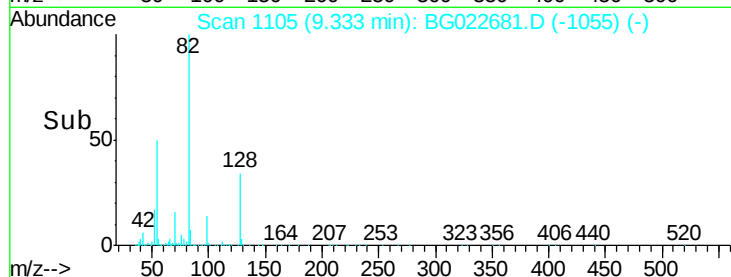
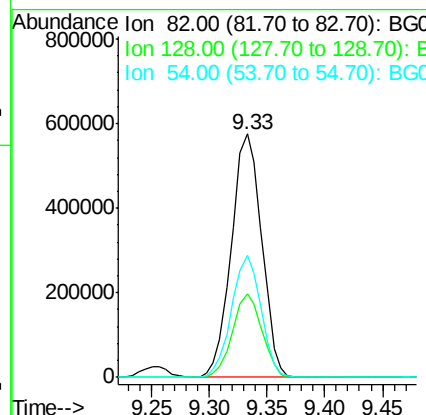
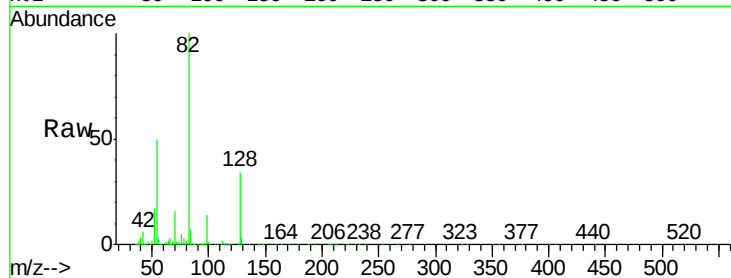




#23
Nitrobenzene-d5
Concen: 86.07 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

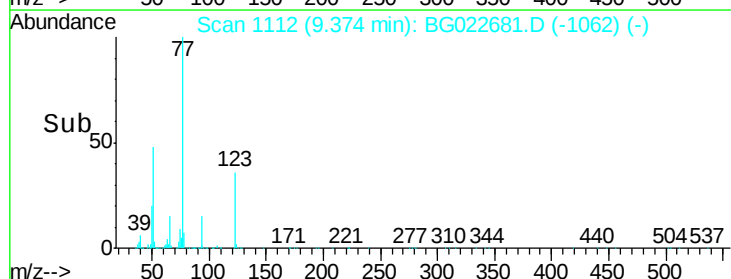
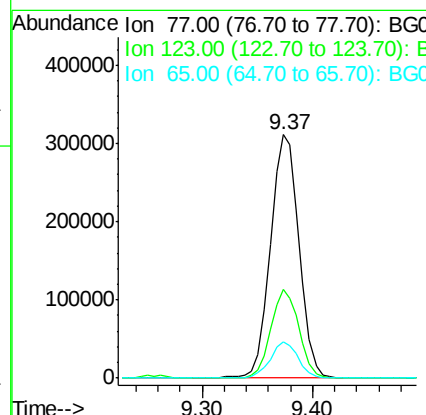
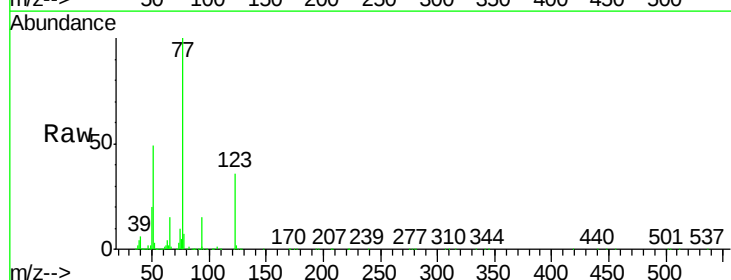
Instrument :
BNA_G
ClientSampleId :
PB91613BS

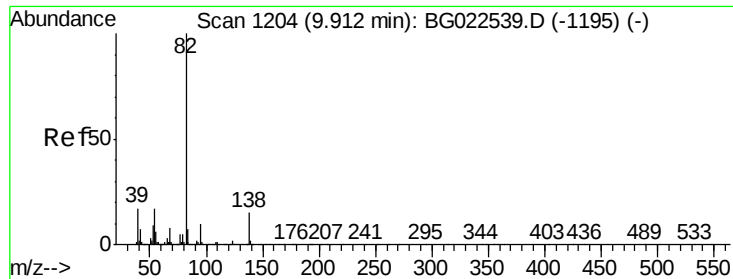
Tot Ion: 82 Resp: 1046177
Ion Ratio Lower Upper
82 100
128 34.2 24.4 36.6
54 50.2 41.4 62.0



#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

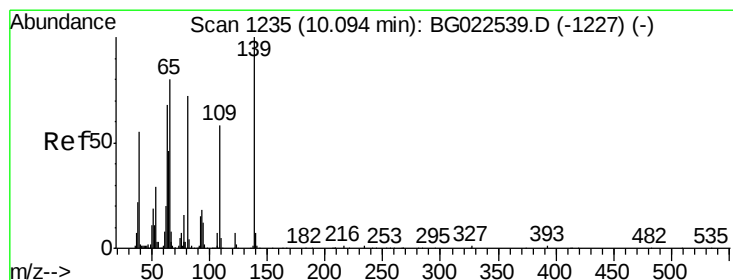
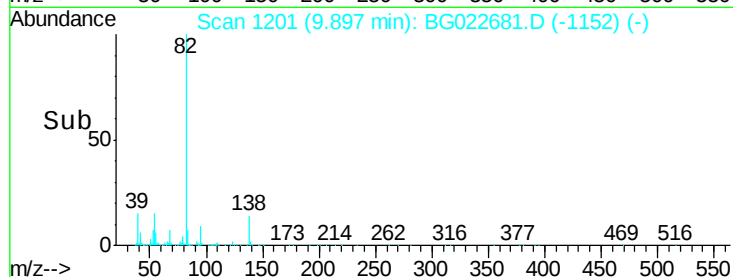
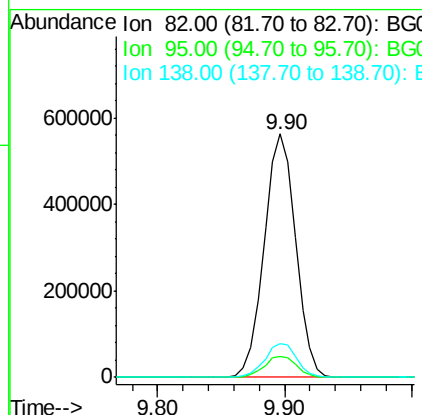
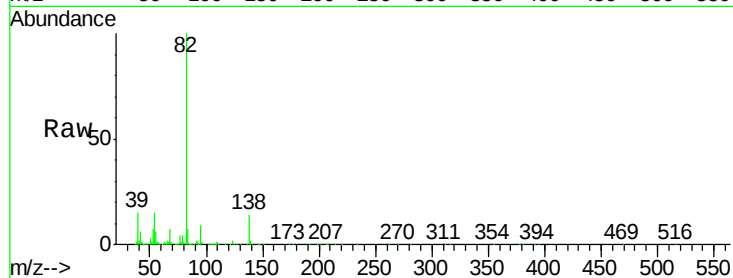




#25
Isophorone
Concen: 41.18 ng
RT: 9.90 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

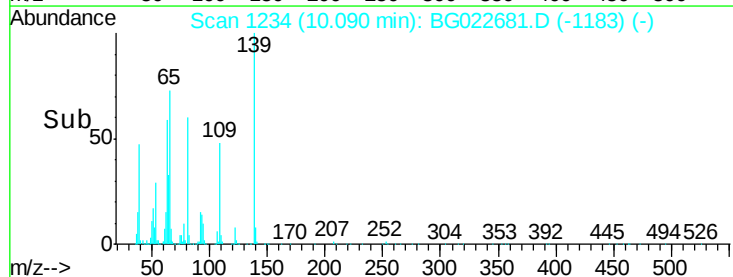
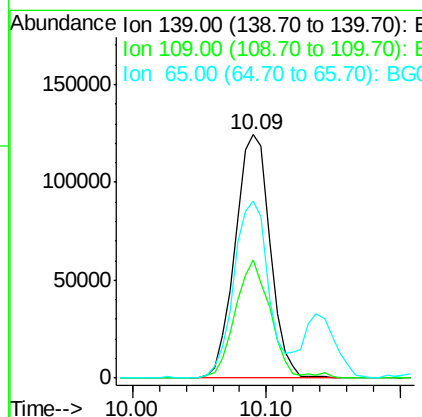
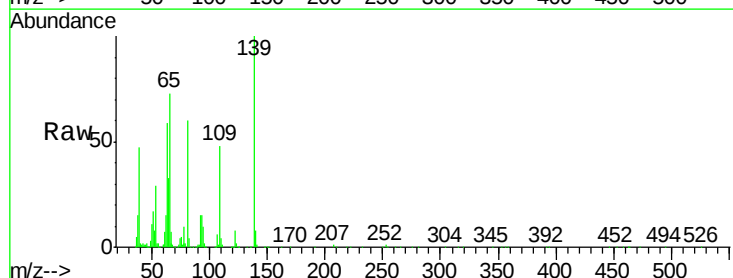
Instrument :
BNA_G
ClientSampleId :
PB91613BS

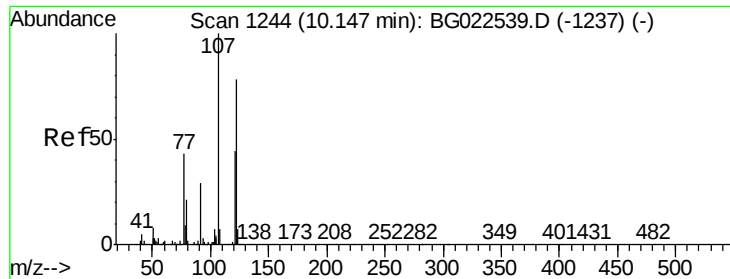
Tot Ion: 82 Resp: 971534
Ion Ratio Lower Upper
82 100
95 8.8 8.2 12.2
138 13.8 10.7 16.1



#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

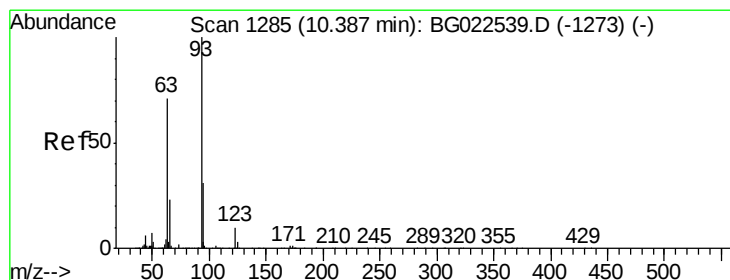
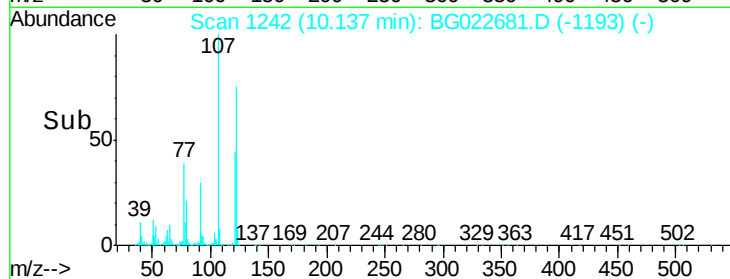
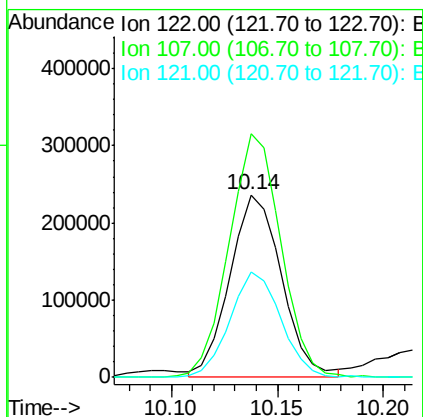
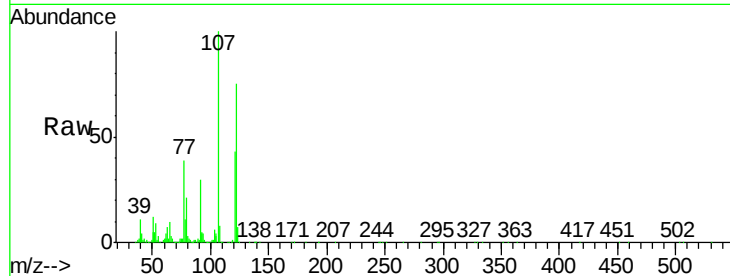




#27
2,4-Dimethylphenol
Concen: 43.43 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

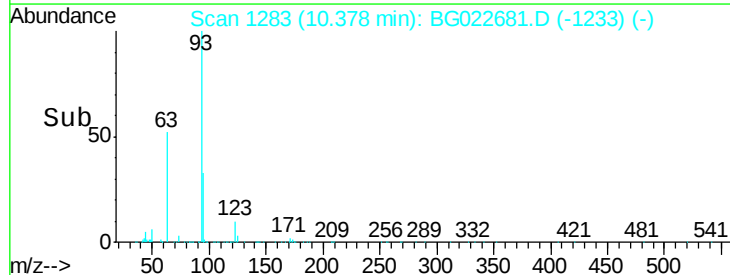
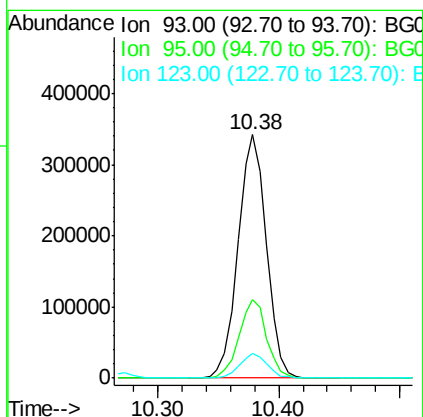
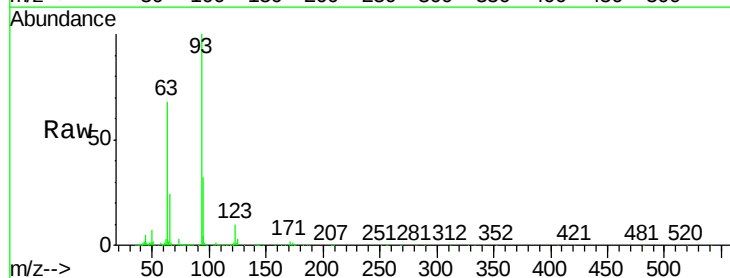
Instrument :
BNA_G
ClientSampleId :
PB91613BS

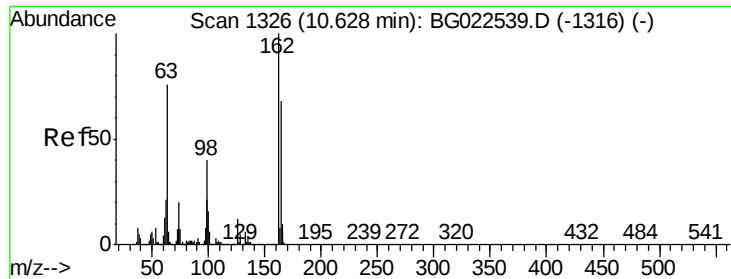
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.3	117.0	175.4
121	57.9	50.1	75.1



#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

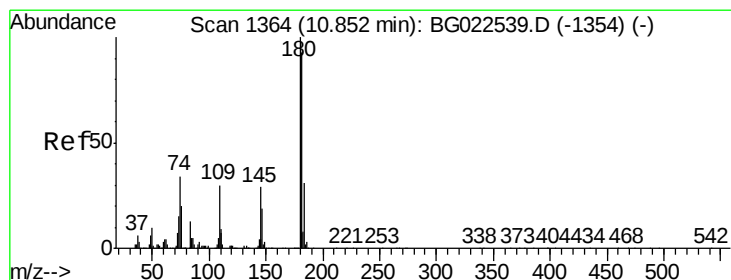
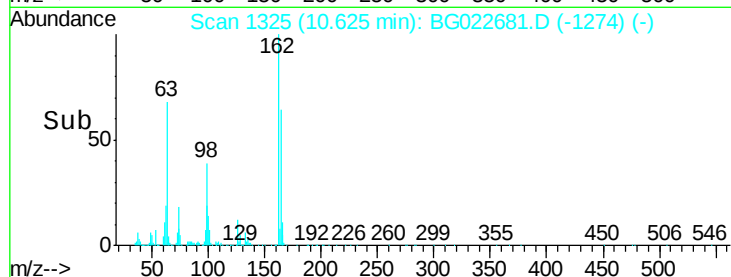
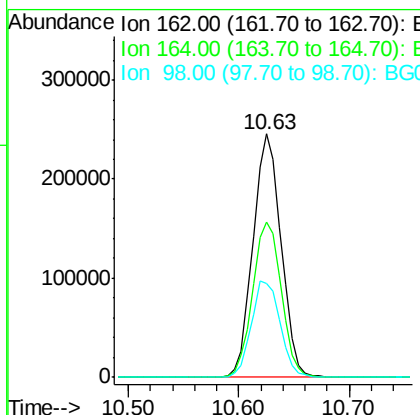
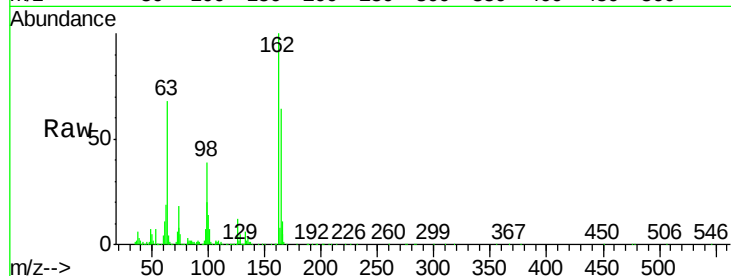




#29
 2,4-Dichlorophenol
 Concen: 48.80 ng
 RT: 10.63 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

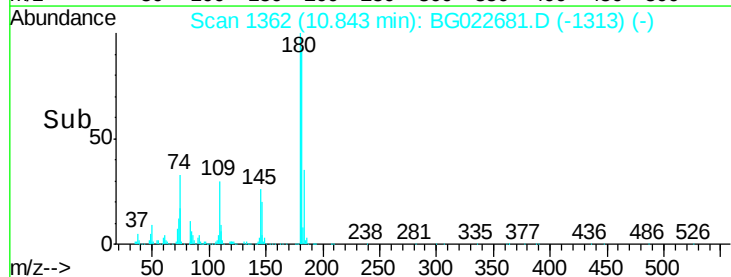
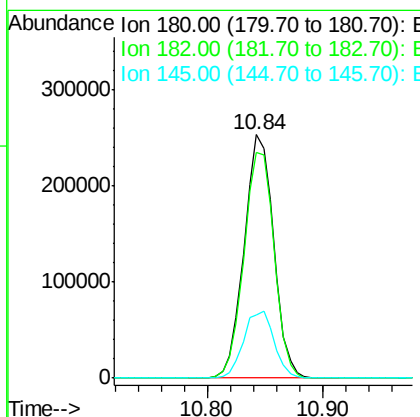
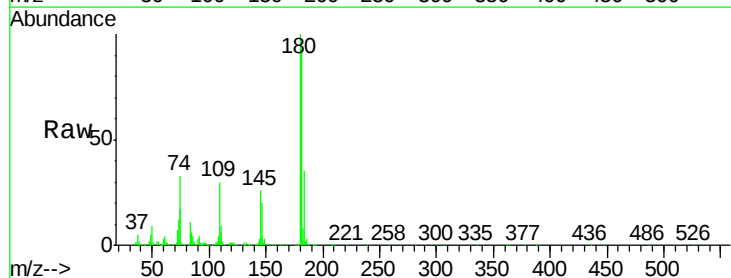
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

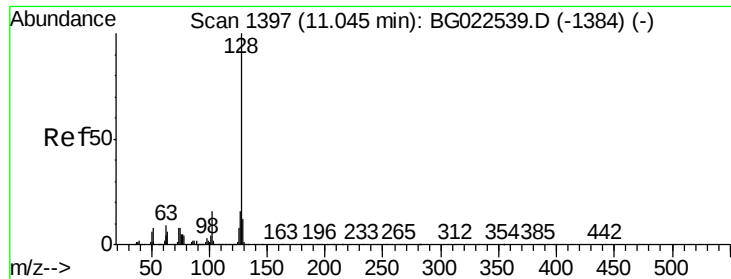
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	38.8	19.5	59.5



#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

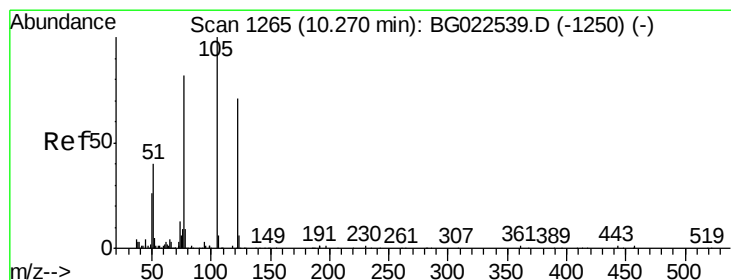
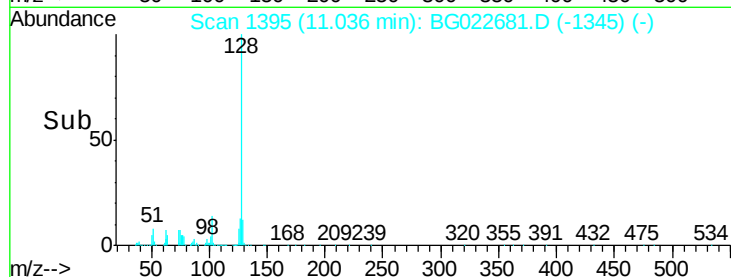
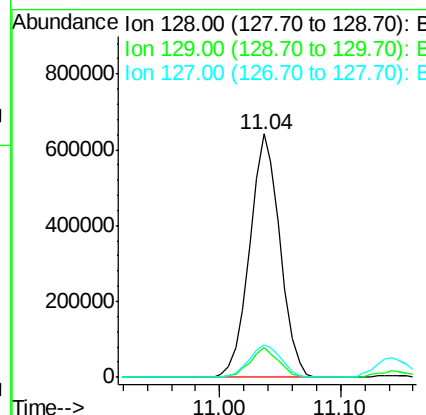
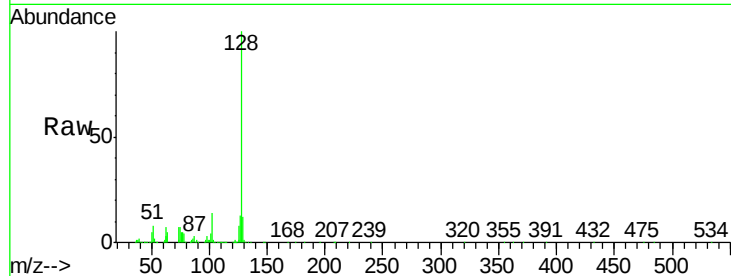




#31
Naphthalene
Concen: 43.23 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

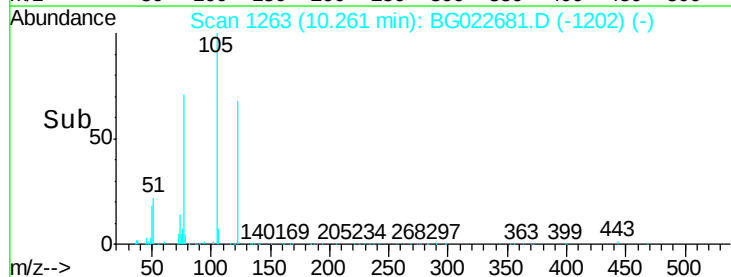
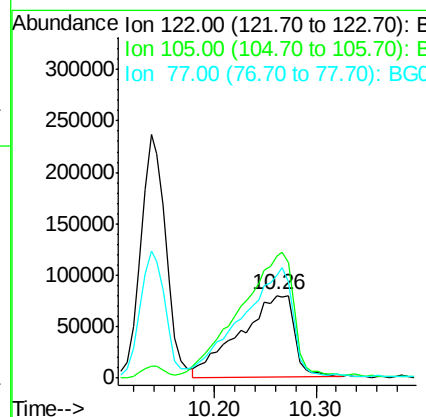
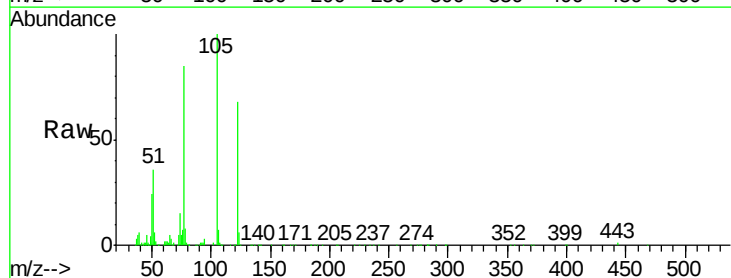
Instrument :
BNA_G
ClientSampleId :
PB91613BS

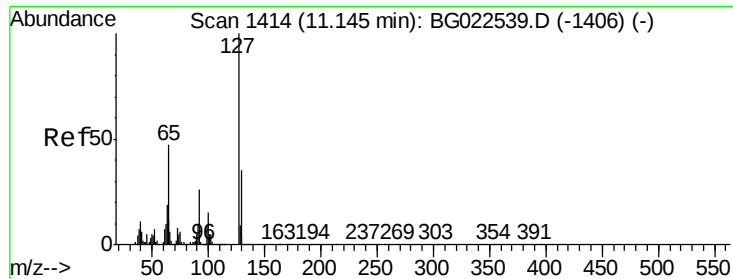
Tot Ion:128 Resp: 1117804
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.4 11.3 16.9



#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

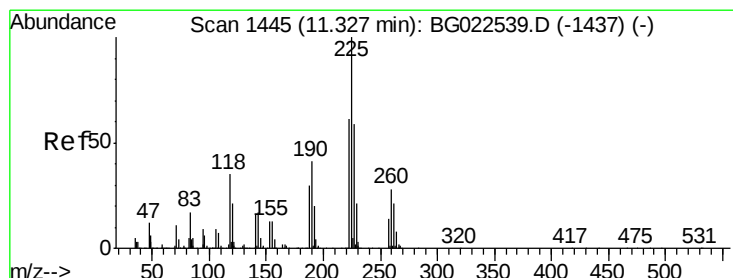
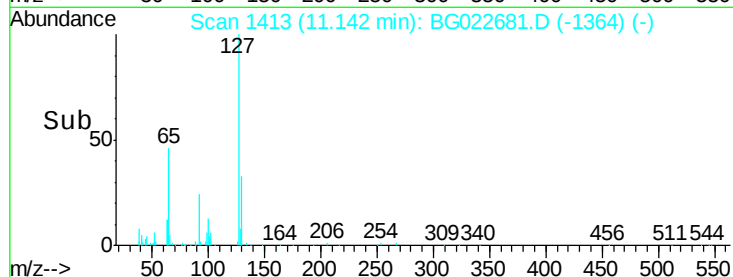
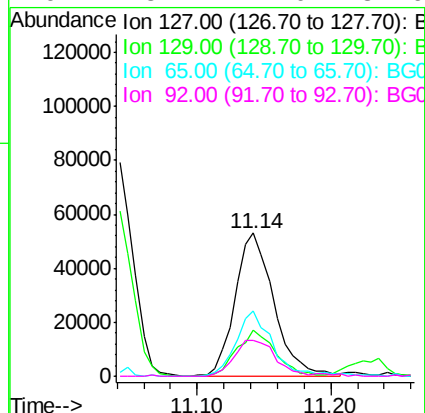
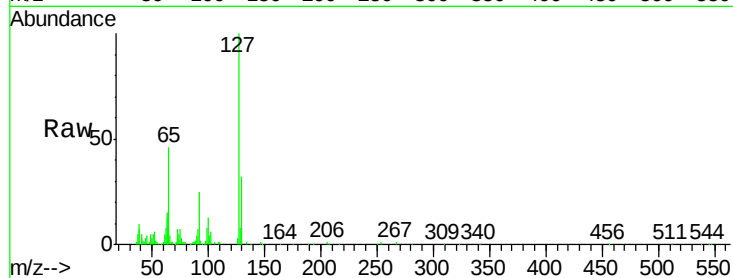




#33
4-Chloroaniline
Concen: 9.59 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

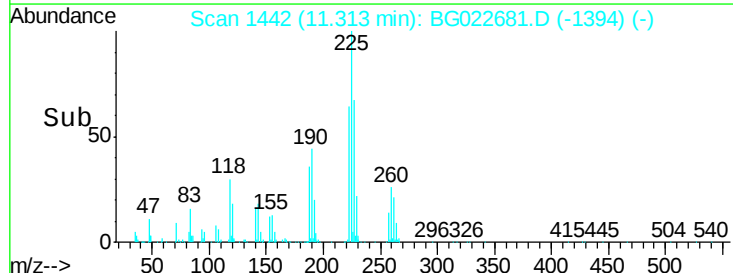
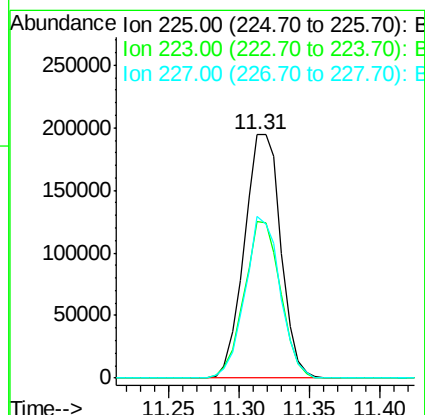
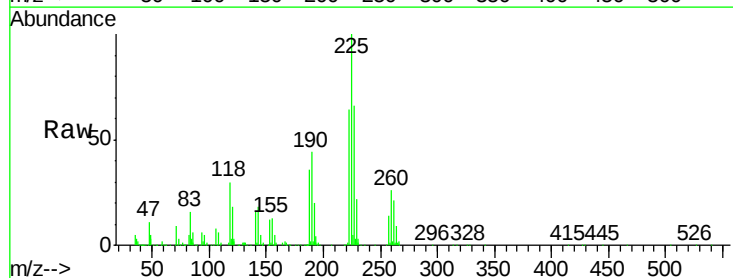
Instrument :
BNA_G
ClientSampleId :
PB91613BS

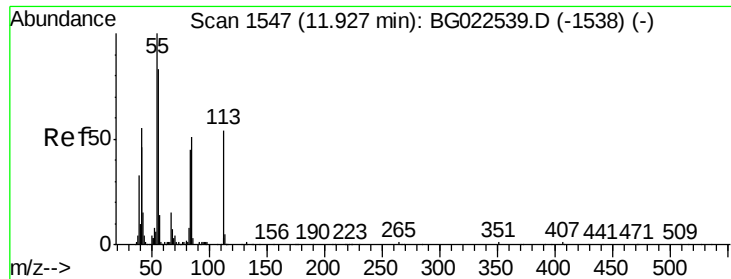
Tot Ion:	127	Resp:	106818
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.9	41.9
65	46.0	36.8	55.2
92	25.4	21.0	31.6



#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

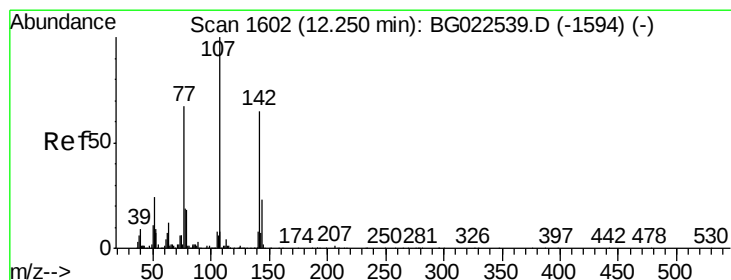
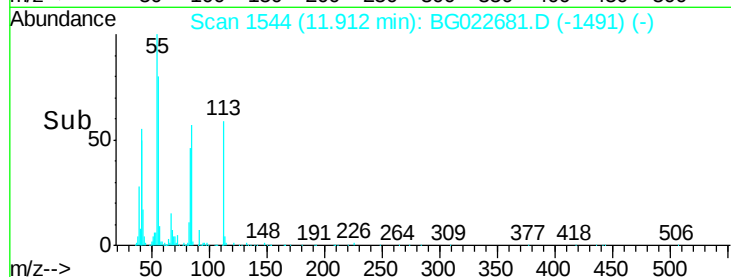
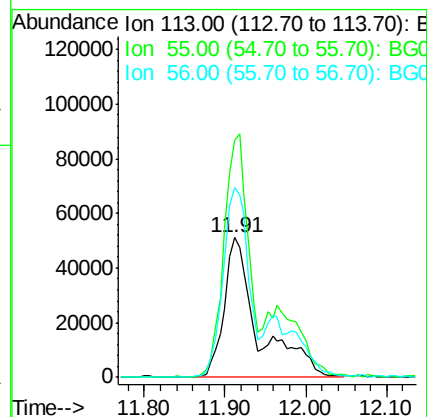
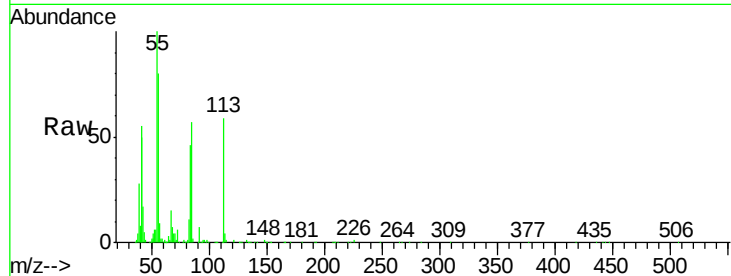




#35
 Caprolactam
 Concen: 52.95 ng/ml
 RT: 11.91 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

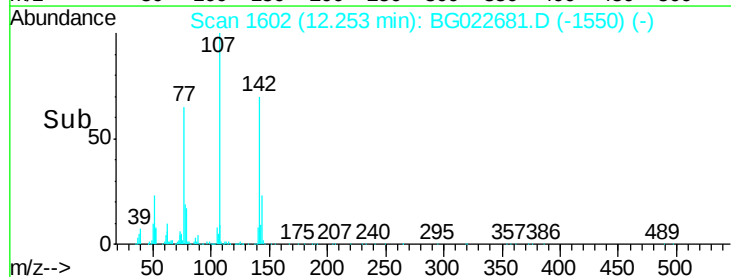
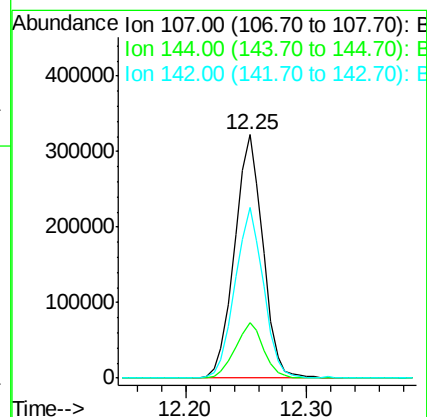
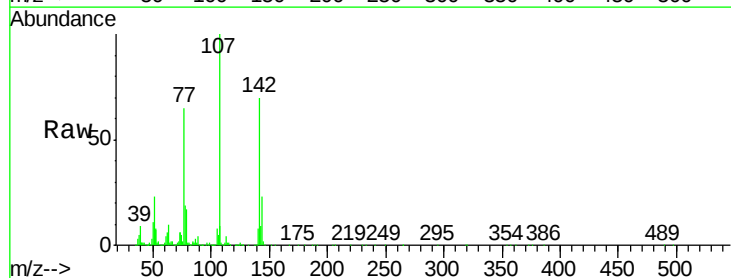
Instrument :
 BNA_G
 ClientSampleID :
 PB91613BS

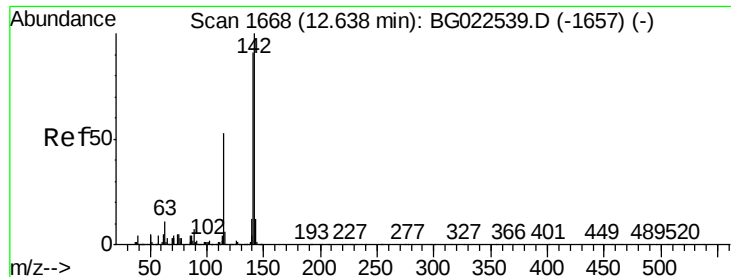
Tot Ion:113 Resp: 150245
 Ion Ratio Lower Upper
 113 100
 55 170.5 154.5 194.5
 56 136.3 125.1 165.1



#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

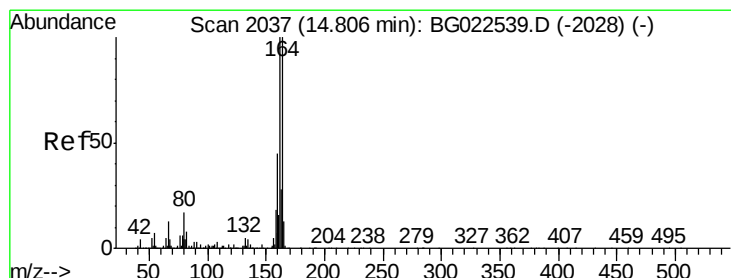
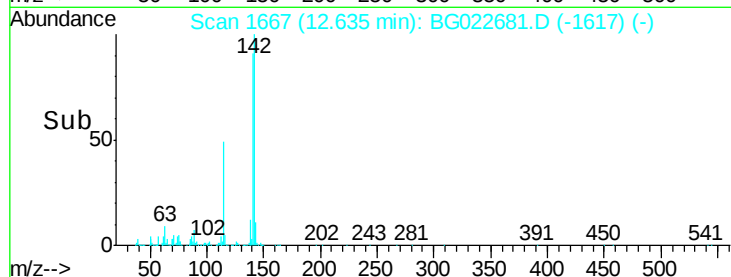
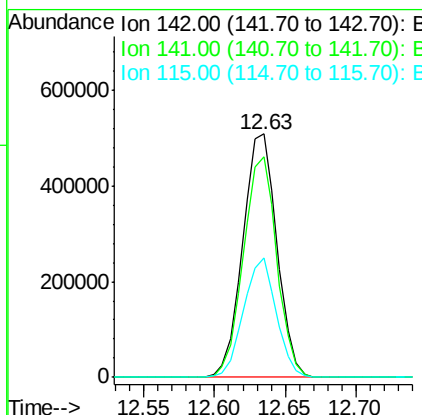
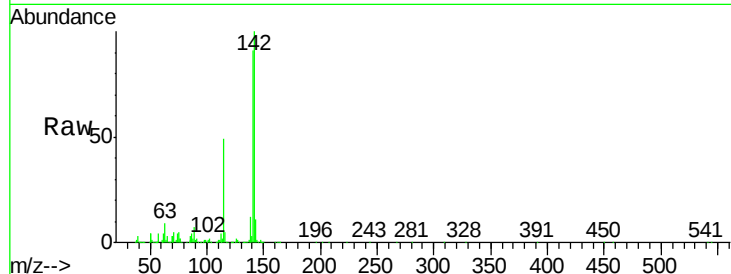




#37
2-Methylnaphthalene
Concen: 42.99 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

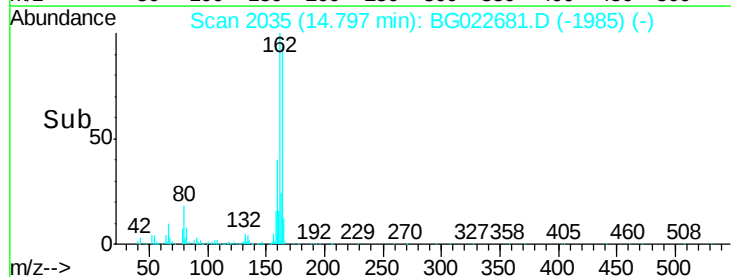
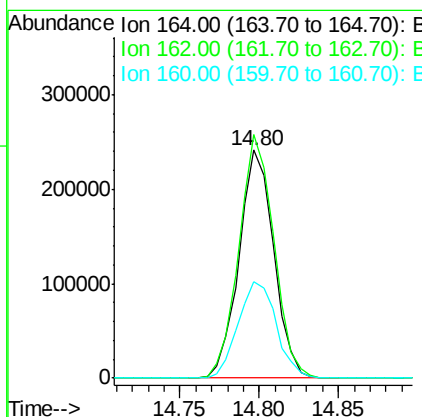
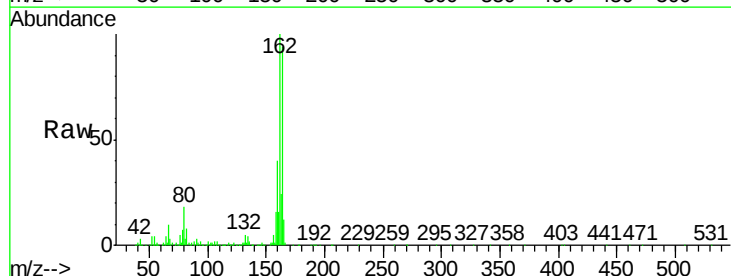
Instrument :
BNA_G
ClientSampleId :
PB91613BS

Tot 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

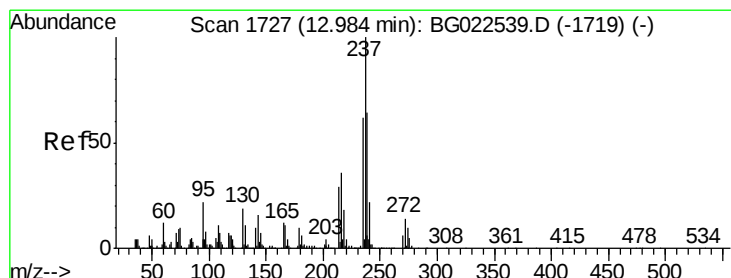
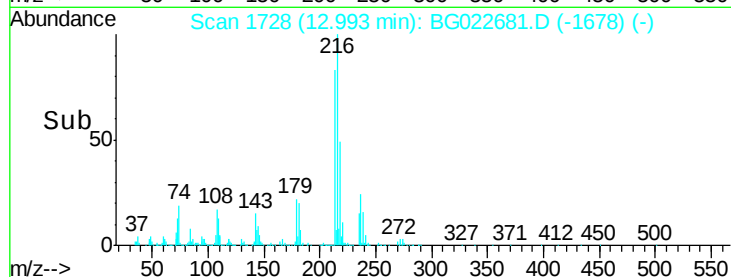
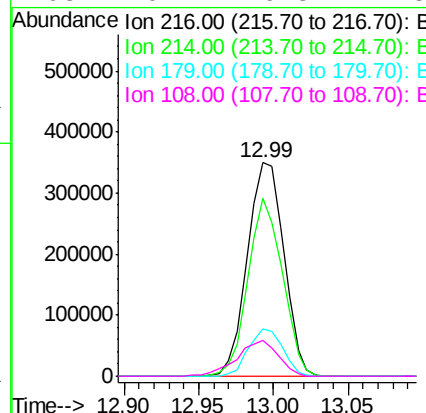
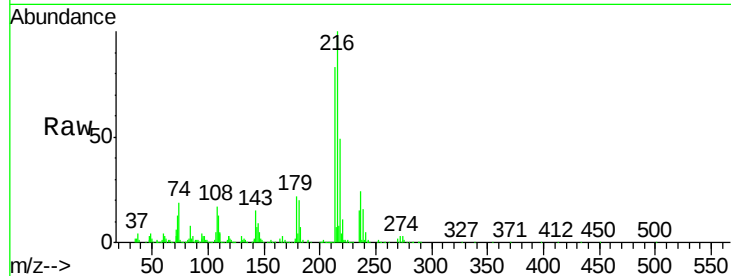




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.79 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

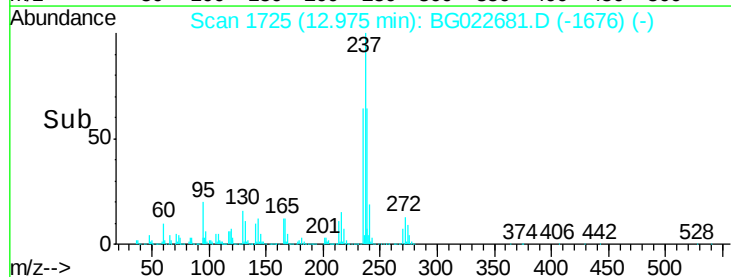
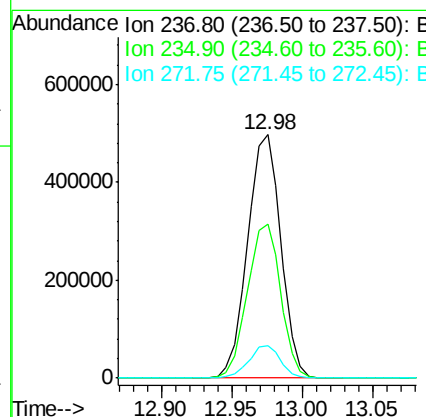
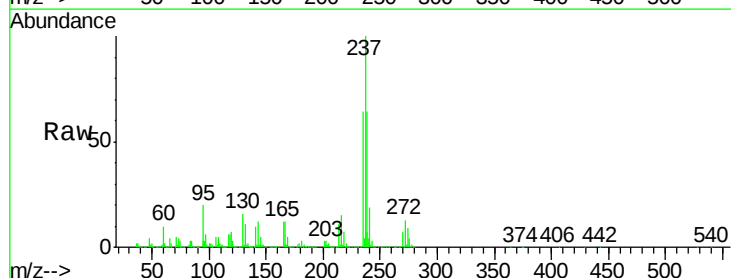
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

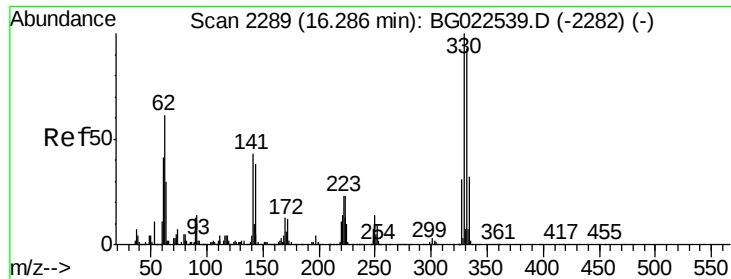
Tot Ion:	216	Resp:	592260
Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.9	94.3
179	21.0	17.2	25.8
108	19.2	16.3	24.5



#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

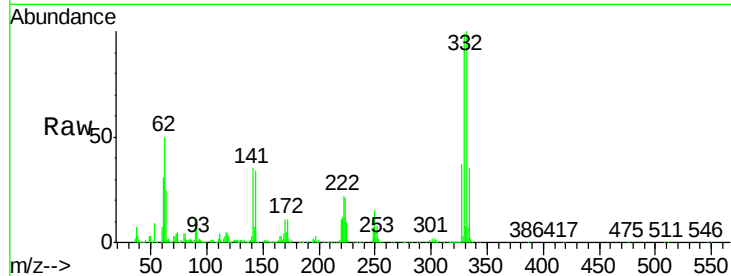




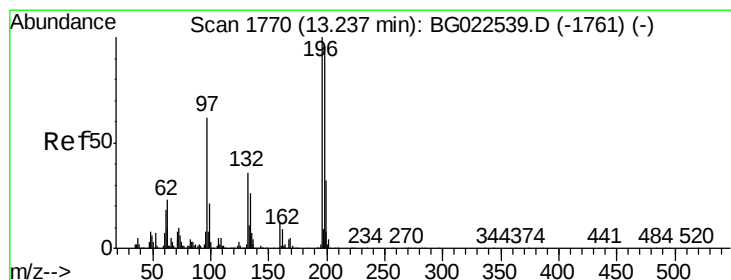
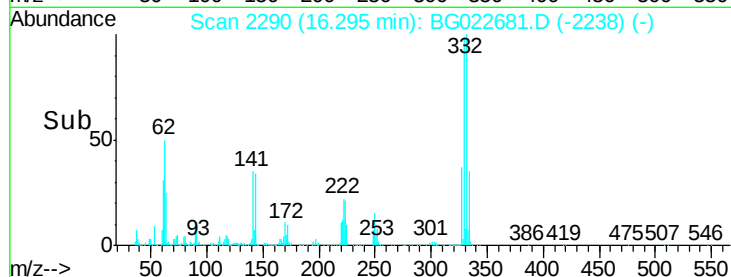
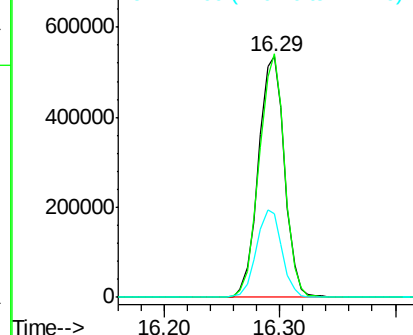
#41
2,4,6-Tribromophenol
Concen: 146.03 ng
RT: 16.29 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Instrument :
BNA_G
ClientSampleId :
PB91613BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.2
141	35.6	31.7	47.5

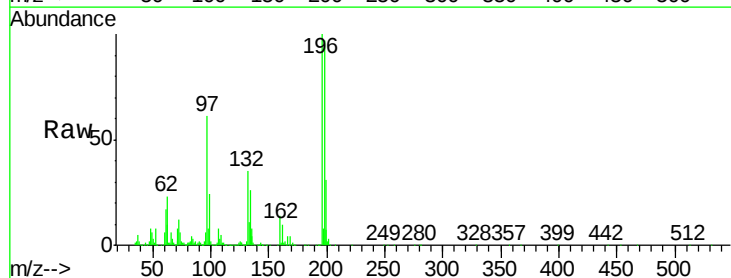


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

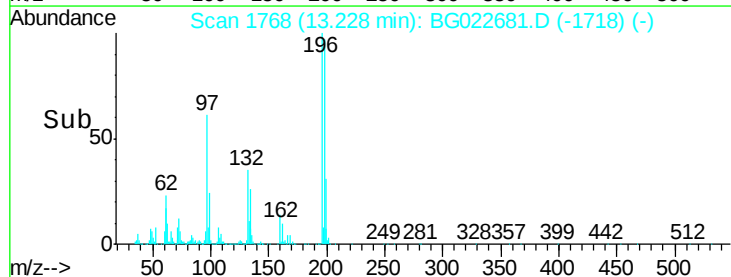
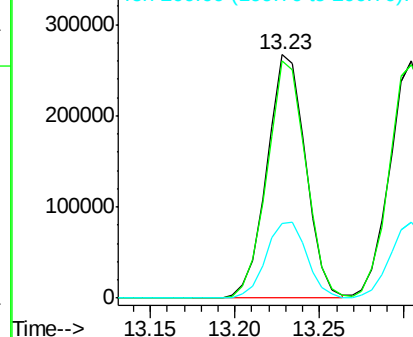


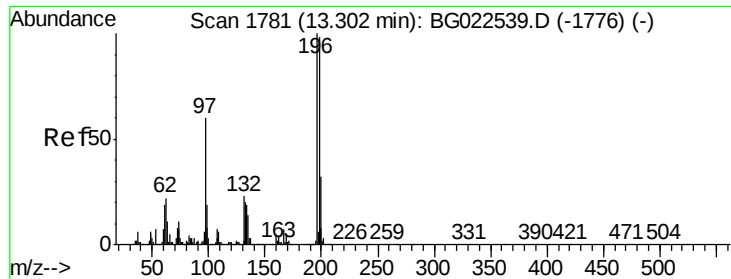
#42
2,4,6-Trichlorophenol
Concen: 47.44 ng
RT: 13.23 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

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



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

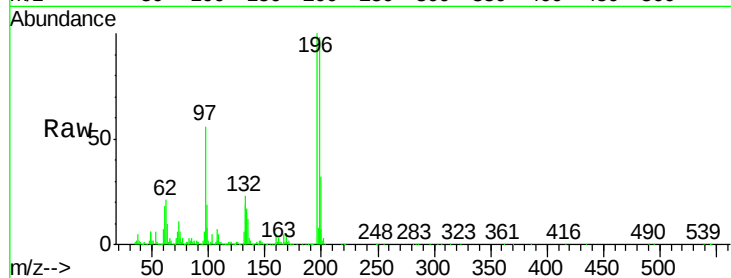




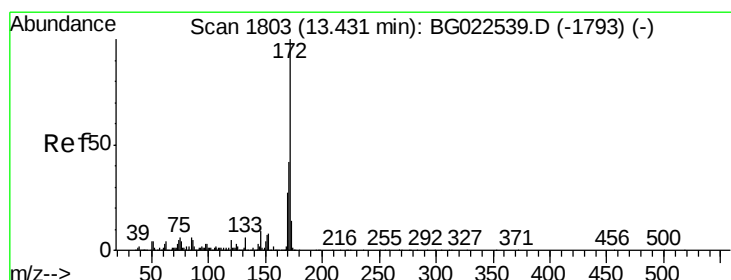
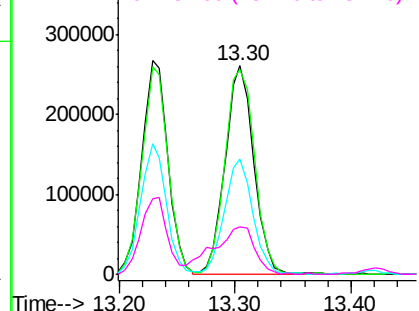
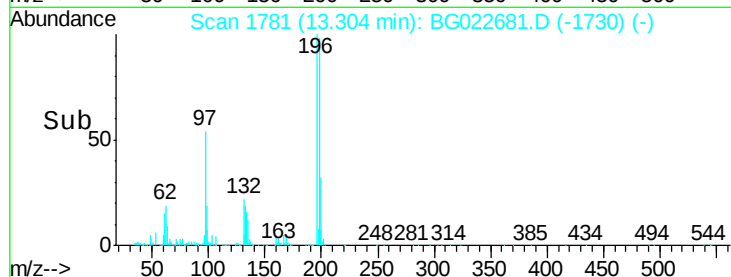
#43
2,4,5-Trichlorophenol
Concen: 47.93 ng
RT: 13.30 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

Instrument :
BNA_G
ClientSampleId :
PB91613BS

Tot 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

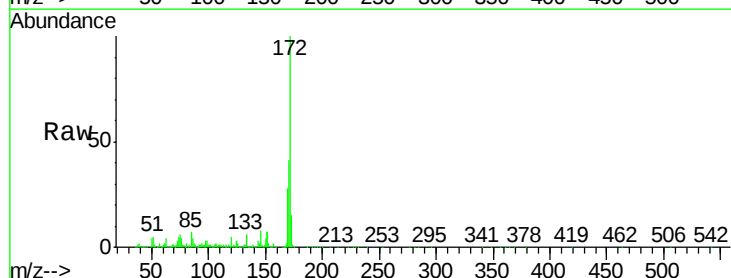


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

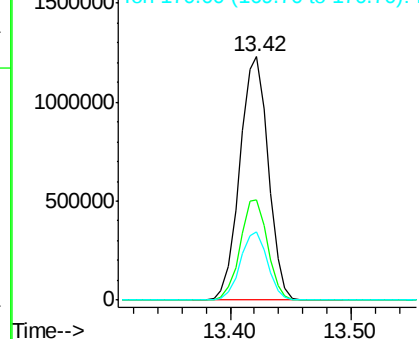
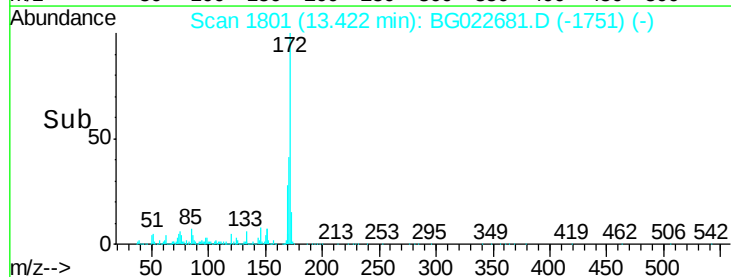


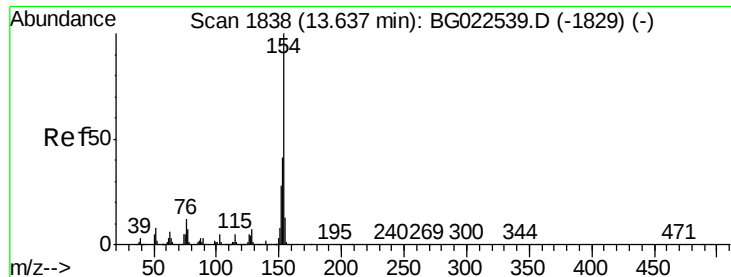
#44
2-Fluorobiphenyl
Concen: 87.38 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

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

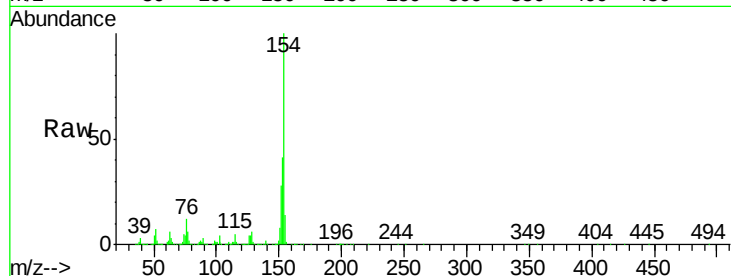
Tot Ion:154 Resp: 1207018

Ion Ratio Lower Upper

154 100

153 40.6 20.2 60.2

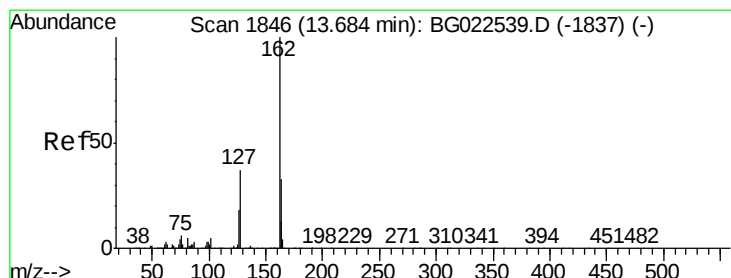
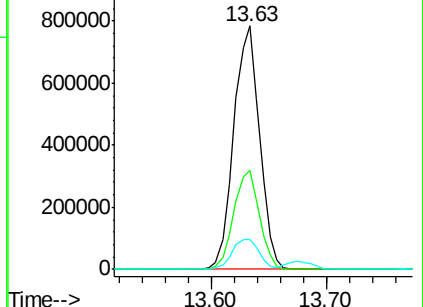
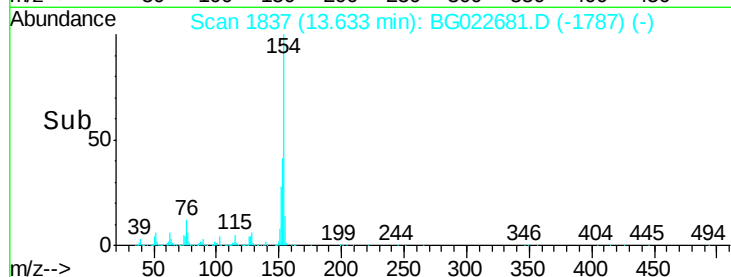
76 12.1 0.0 32.9



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): BGC



#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

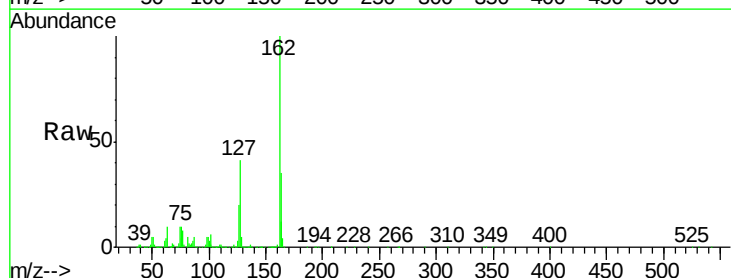
Tgt Ion:162 Resp: 982370

Ion Ratio Lower Upper

162 100

127 41.0 32.4 48.6

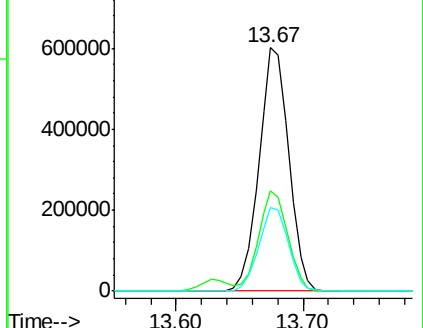
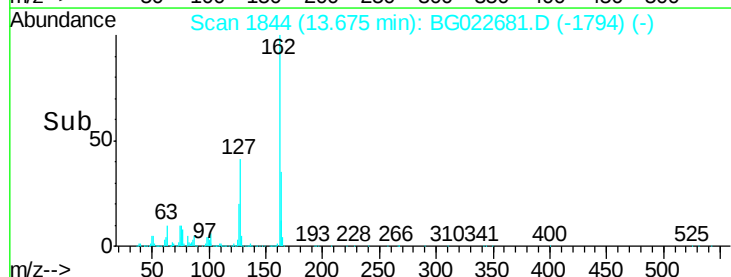
164 34.6 25.2 37.8

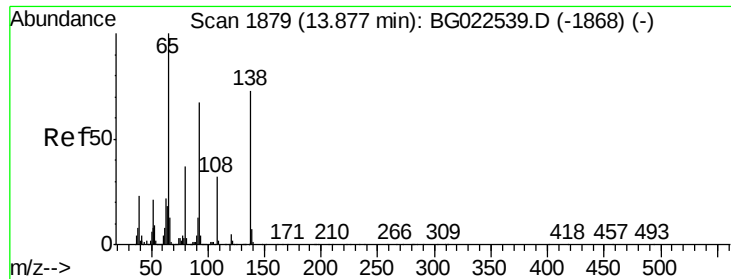


Abundance Ion 162.00 (161.70 to 162.70): E

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

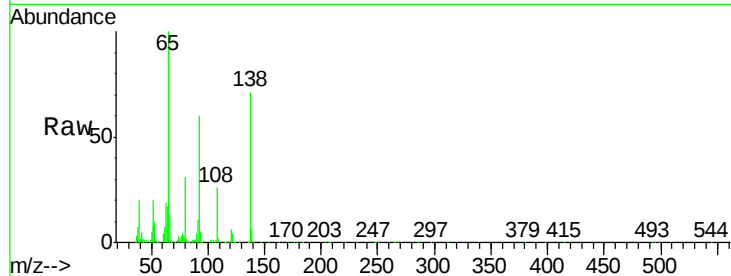
Tot Ion: 65 Resp: 414096

Ion	Ratio	Lower	Upper
65	100		
92	59.7	49.4	74.0
138	71.0	58.0	87.0

65 100

92 59.7 49.4 74.0

138 71.0 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

13.87

300000

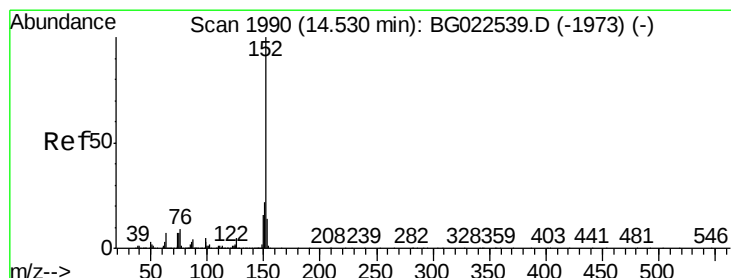
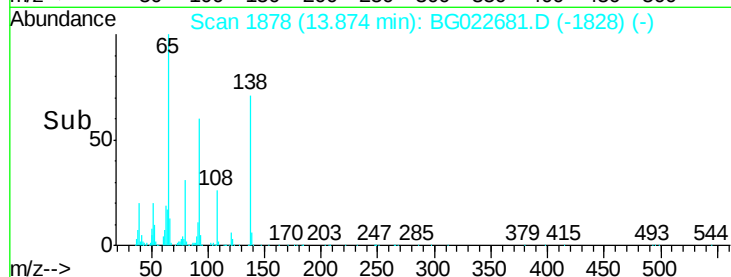
200000

100000

0

13.80 13.90

Time-->



#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

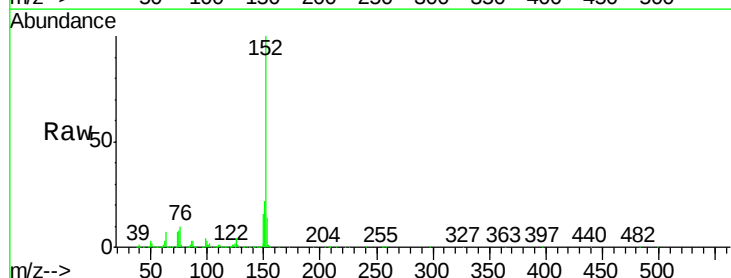
Tgt Ion: 152 Resp: 1465883

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.6	26.4
153	14.4	11.4	17.2

152 100

151 22.4 17.6 26.4

153 14.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC

14.52

1200000

1000000

800000

600000

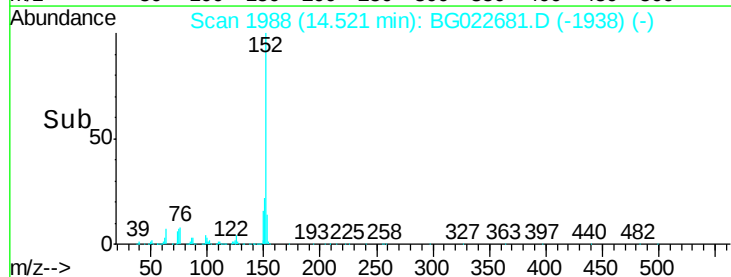
400000

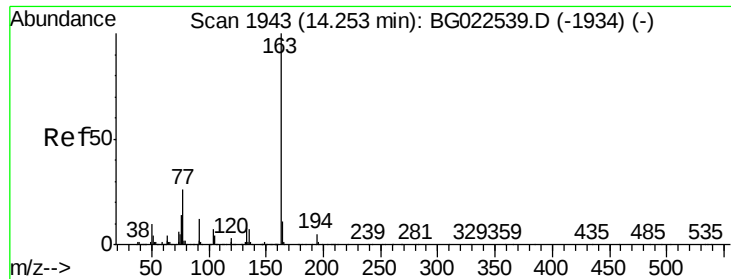
200000

0

14.40 14.50 14.60

Time-->

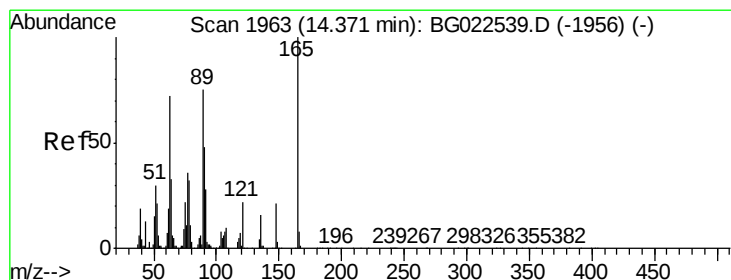
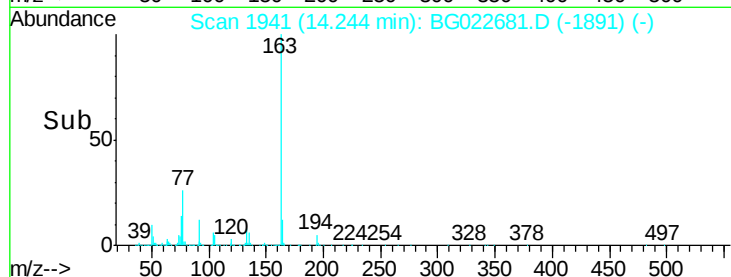
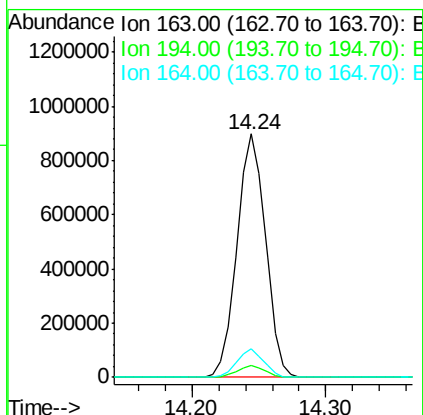
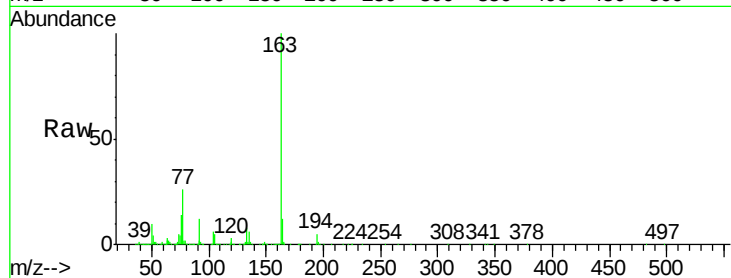




#49
Dimethylphthalate
Concen: 43.62 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

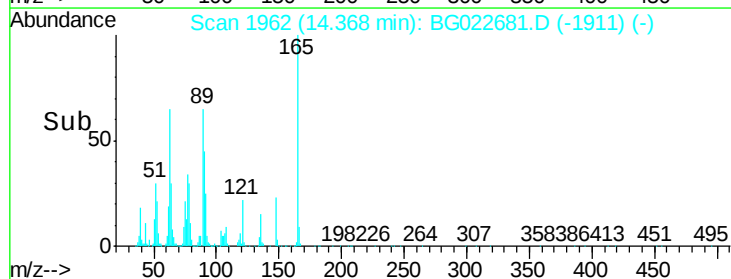
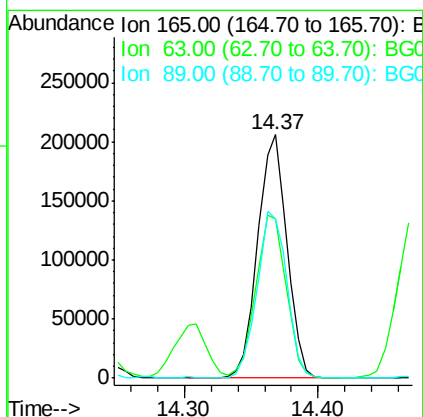
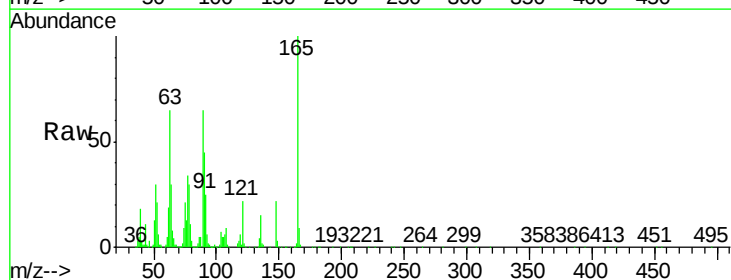
Instrument :
BNA_G
ClientSampleId :
PB91613BS

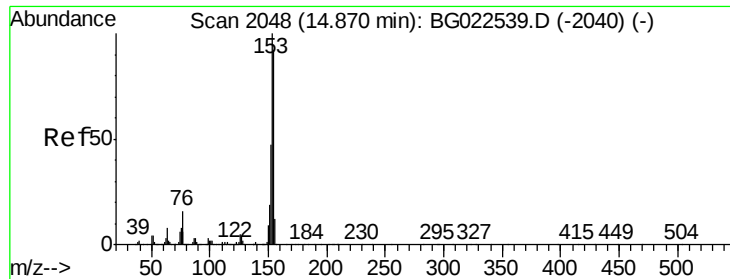
Tot Ion:163 Resp: 1326651
Ion Ratio Lower Upper
163 100
194 5.1 3.6 5.4
164 11.7 8.1 12.1



#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

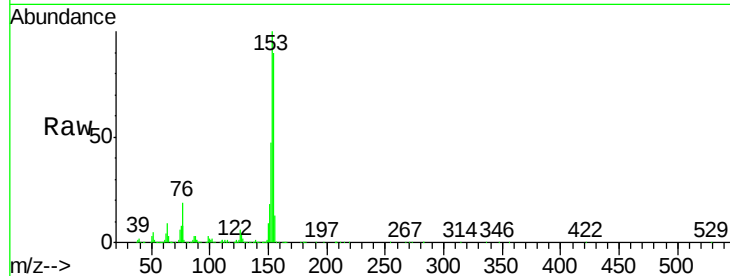
Tot Ion:154 Resp: 958185

Ion Ratio Lower Upper

154 100

153 110.7 87.5 131.3

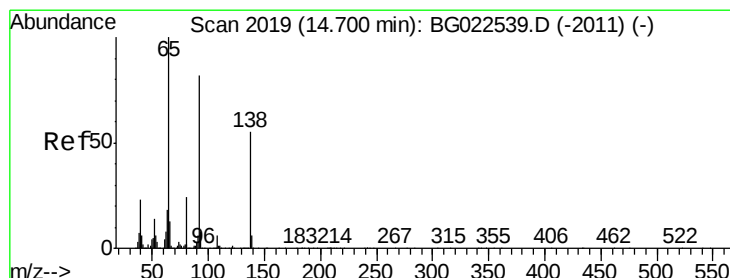
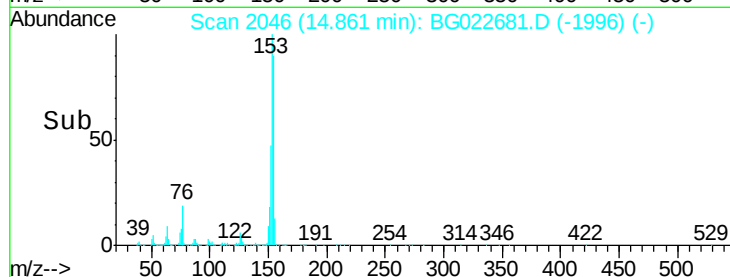
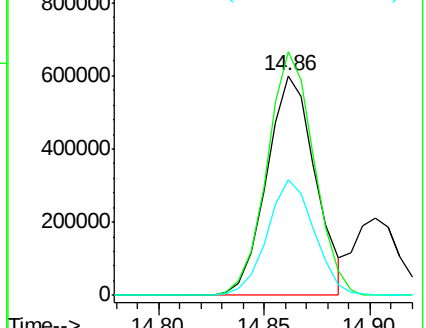
152 52.3 42.7 64.1



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

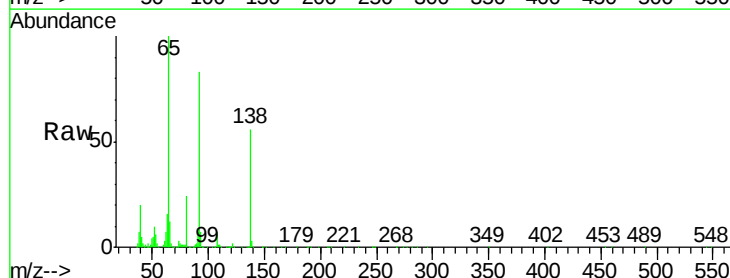
Tgt Ion:138 Resp: 179716

Ion Ratio Lower Upper

138 100

108 12.6 11.7 17.5

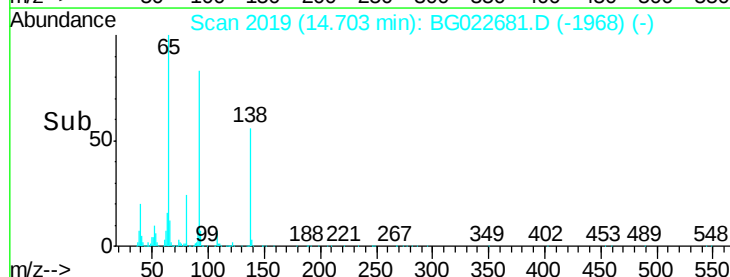
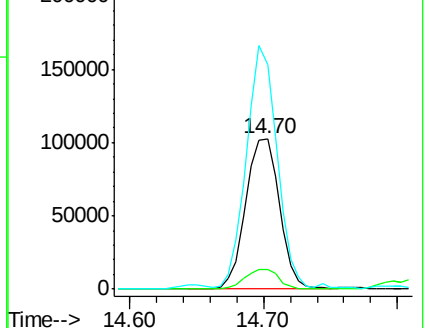
92 149.2 129.7 194.5

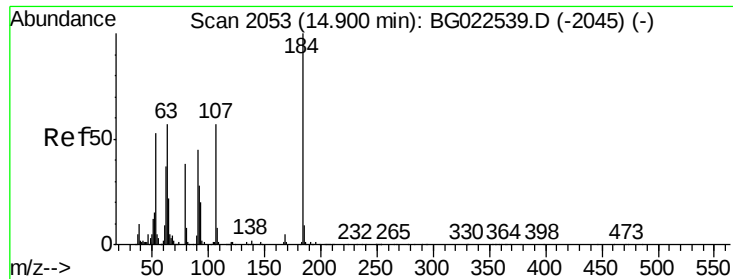


Abundance Ion 138.00 (137.70 to 138.70): E

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

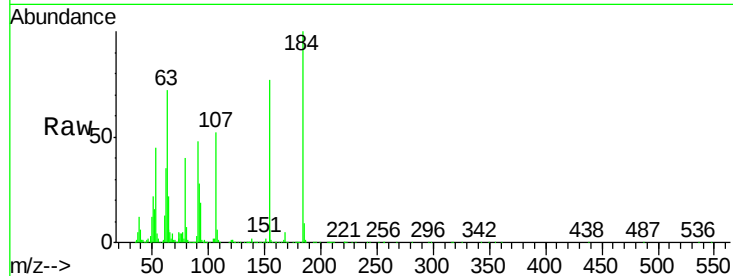
Tot Ion:184 Resp: 426267

Ion Ratio Lower Upper

184 100

63 72.1 59.6 89.4

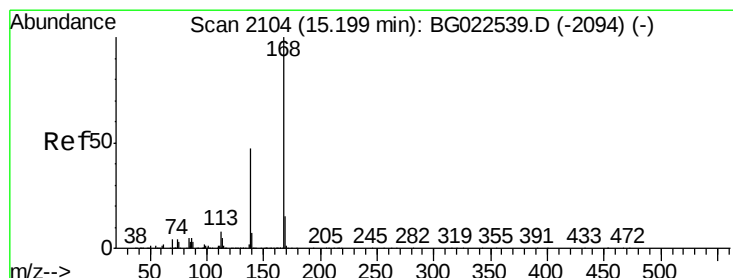
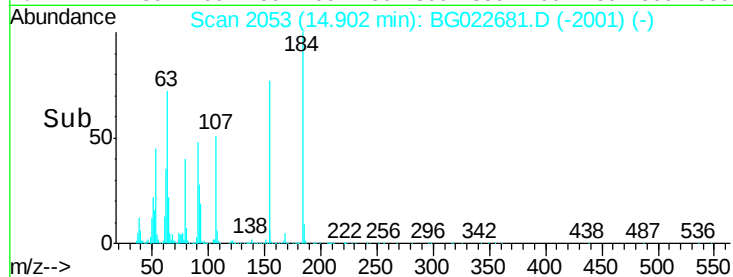
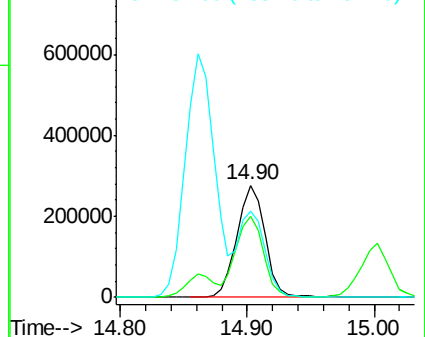
154 76.9 67.4 101.0



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

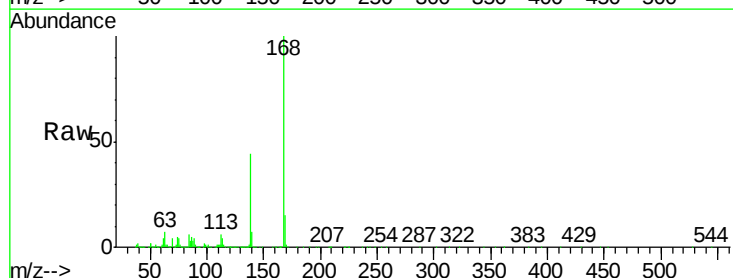
Tgt Ion:168 Resp: 1558659

Ion Ratio Lower Upper

168 100

139 44.1 36.4 54.6

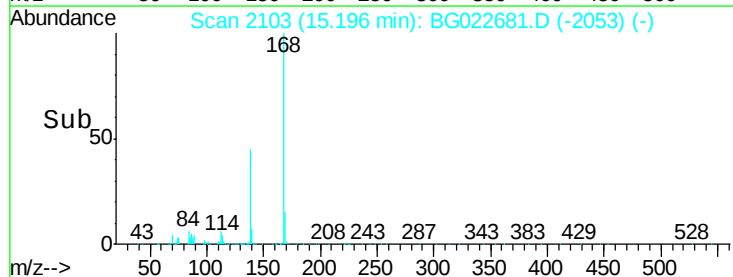
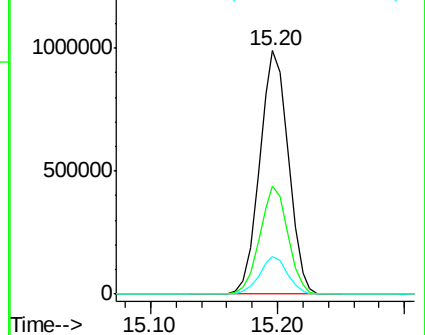
169 15.2 11.9 17.9



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

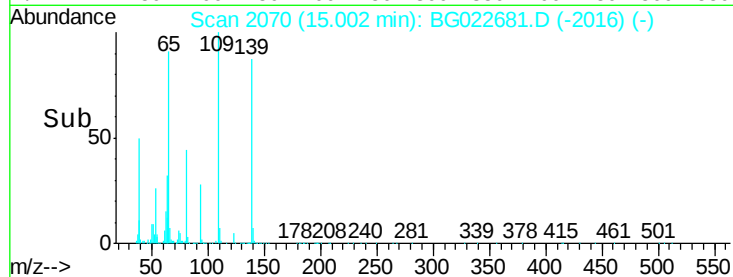
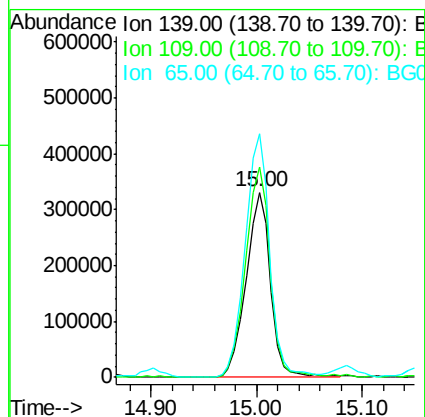
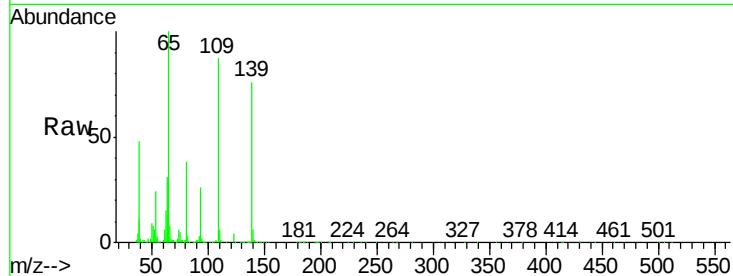




#55
4-Nitrophenol
Concen: 101.04 ng
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

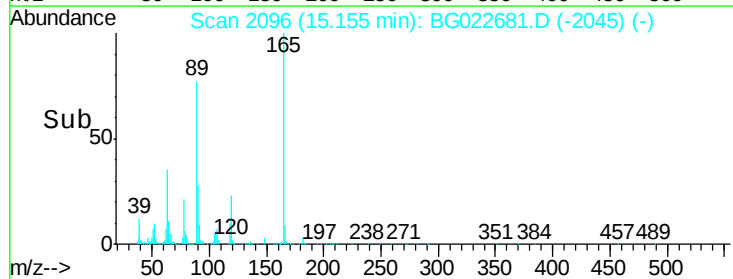
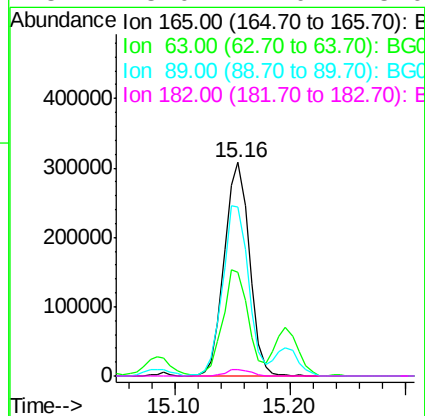
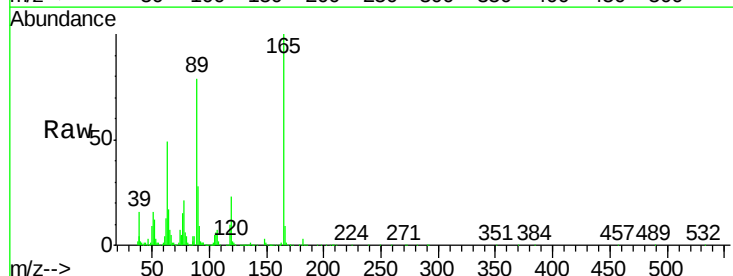
Instrument :
BNA_G
ClientSampleId :
PB91613BS

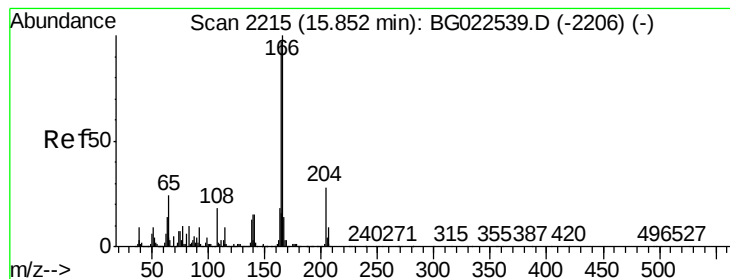
Tot Ion:139 Resp: 528392
Ion Ratio Lower Upper
139 100
109 113.8 103.0 143.0
65 131.4 112.7 152.7



#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 :

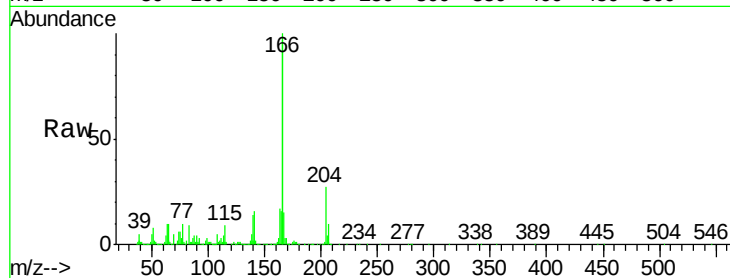
BNA_G

ClientSampleId :

PB91613BS

Tot Ion:166 Resp: 1273266

Ion	Ratio	Lower	Upper
166	100		
165	97.0	81.0	121.6
167	15.3	12.0	18.0



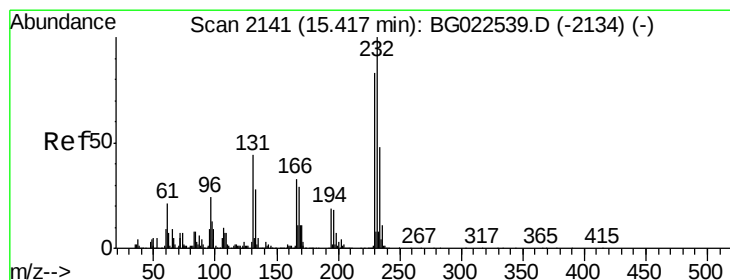
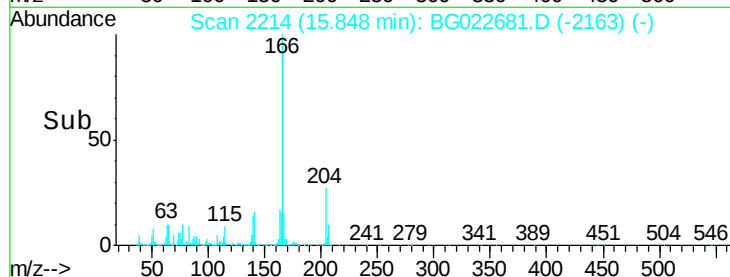
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.85

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.47 ng

RT: 15.42 min Scan# 2141

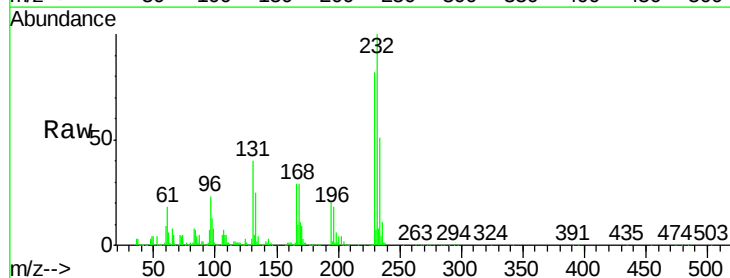
Delta R.T. 0.00 min

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



Abundance Ion 232.00 (231.70 to 232.70): E

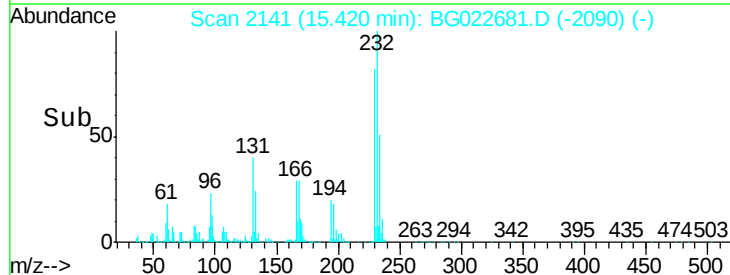
Ion 131.00 (130.70 to 131.70): E

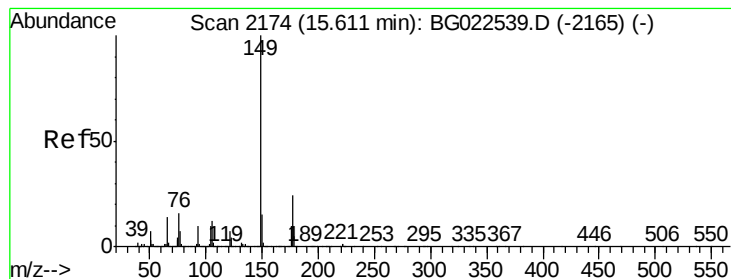
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

15.42

Time-->





#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

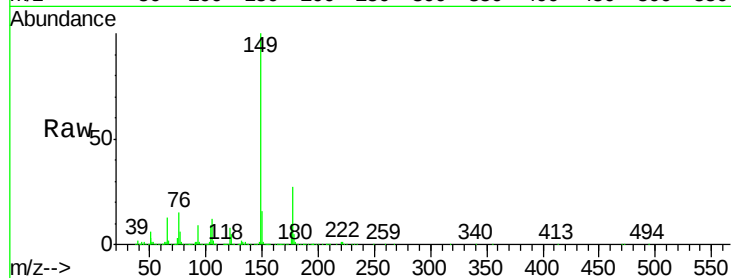
Tot Ion:149 Resp: 1368058

Ion Ratio Lower Upper

149 100

177 26.7 19.2 28.8

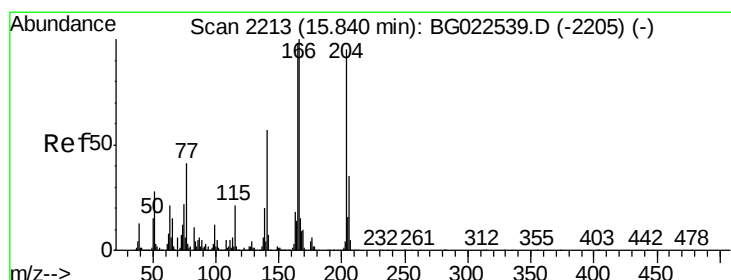
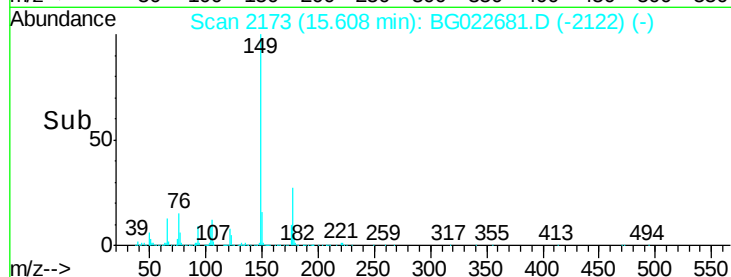
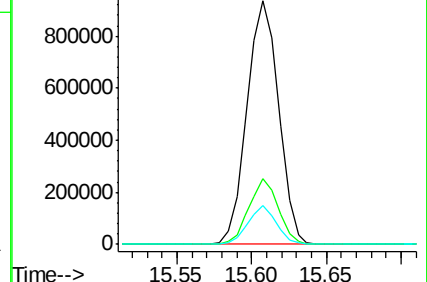
150 16.0 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 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

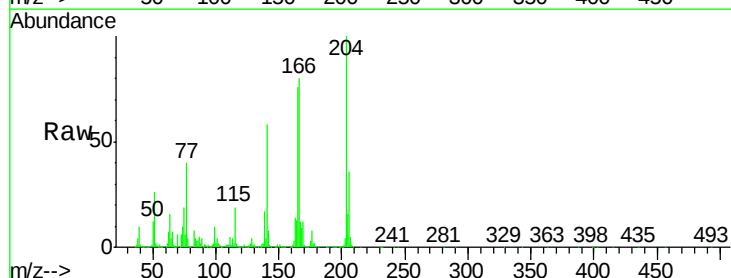
Tgt Ion:204 Resp: 748874

Ion Ratio Lower Upper

204 100

206 35.6 28.5 42.7

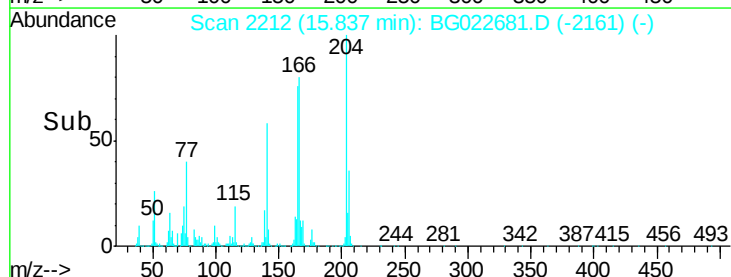
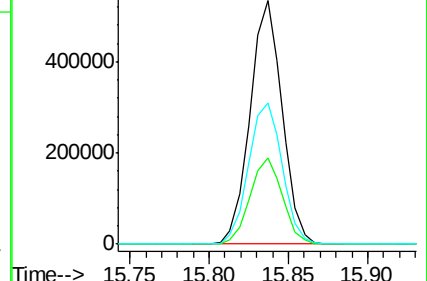
141 57.9 51.4 77.0

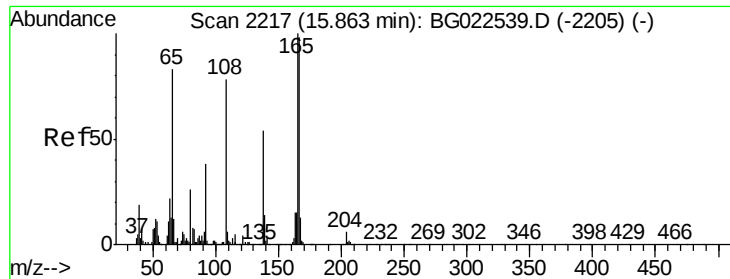


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

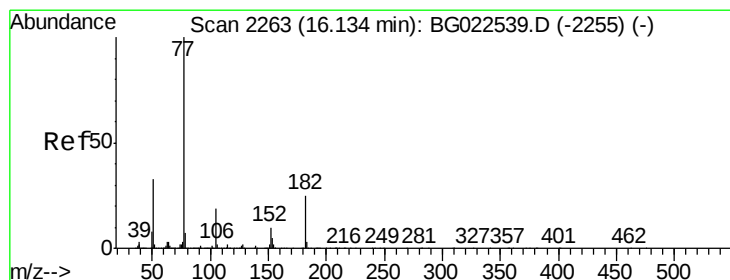
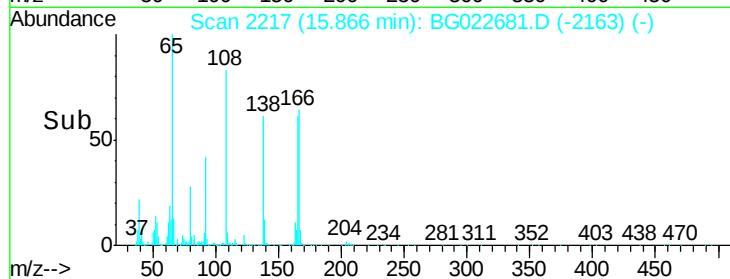
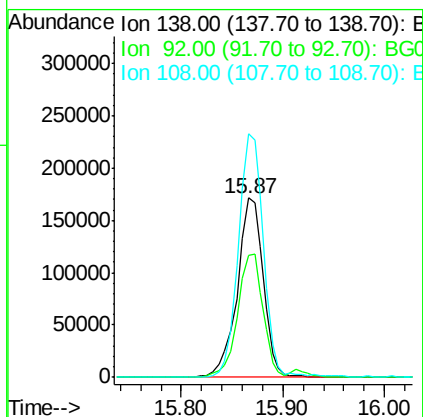
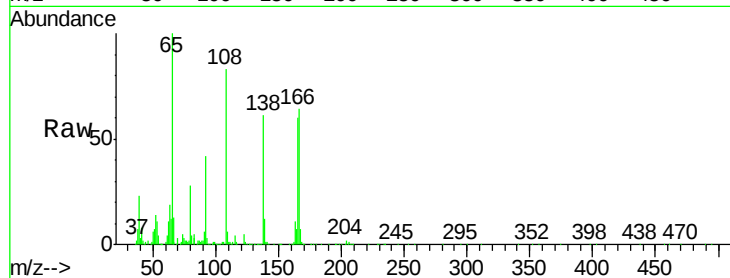




#61
4-Nitroaniline
Concen: 48.06 ng
RT: 15.87 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

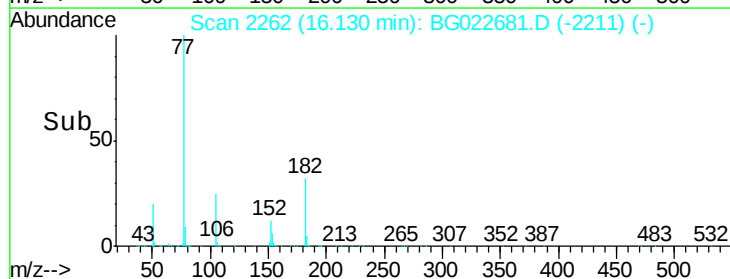
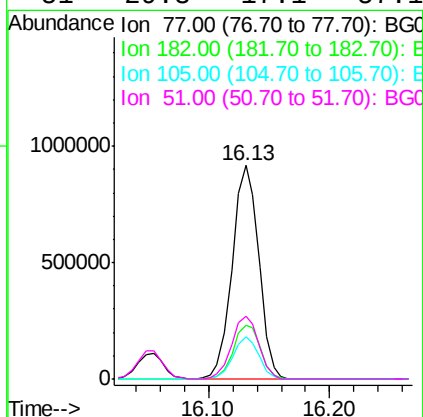
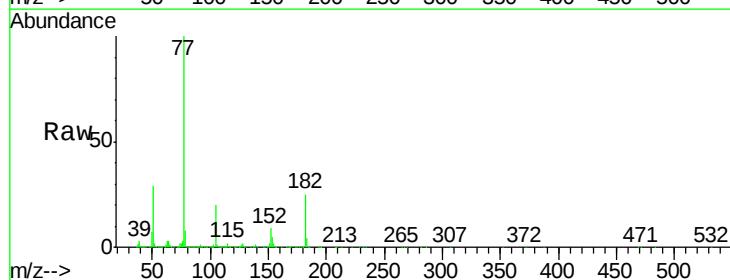
Instrument :
BNA_G
ClientSampleId :
PB91613BS

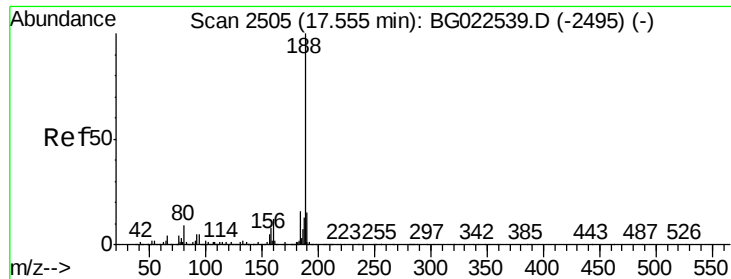
Tot Ion:138 Resp: 306676
Ion Ratio Lower Upper
138 100
92 68.1 54.1 94.1
108 135.7 133.9 173.9



#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

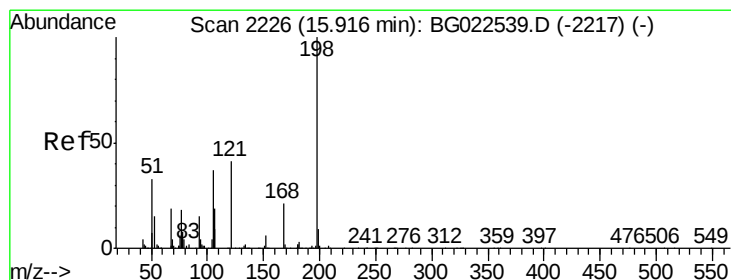
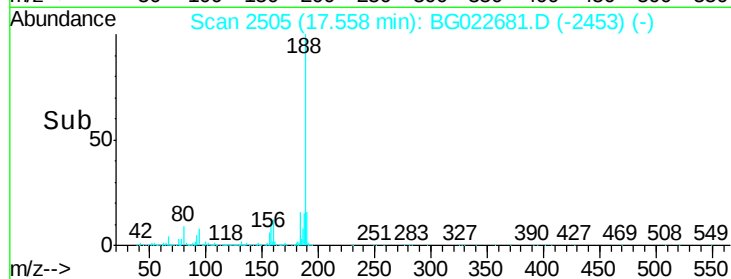
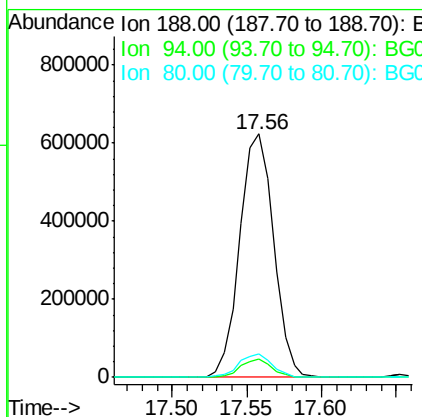
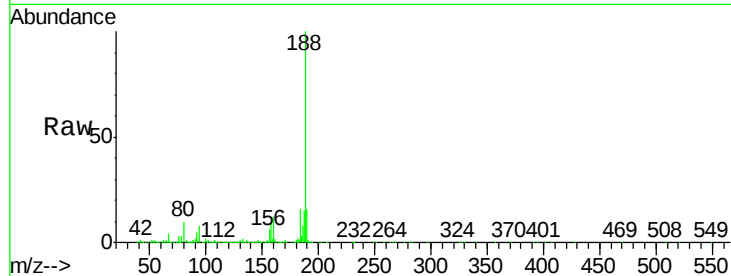




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

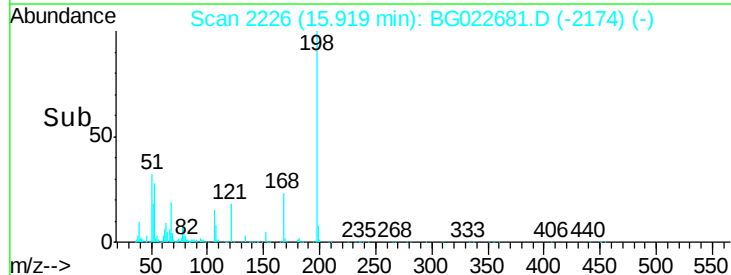
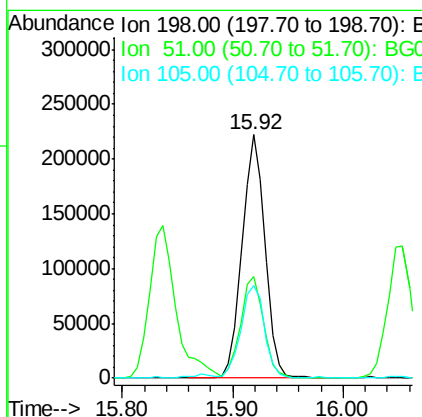
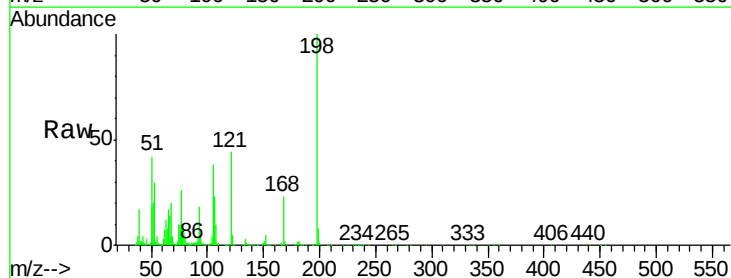
Instrument :
BNA_G
ClientSampleId :
PB91613BS

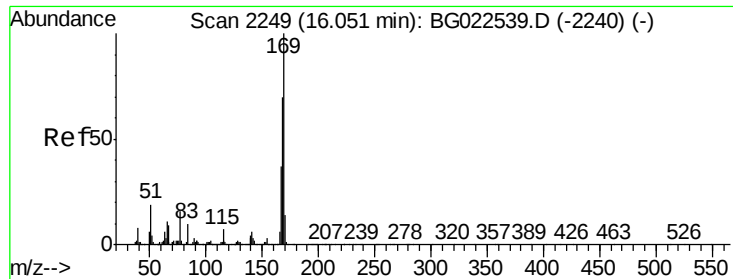
Tot Ion:188 Resp: 982723
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 9.5 7.2 10.8



#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





#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 :

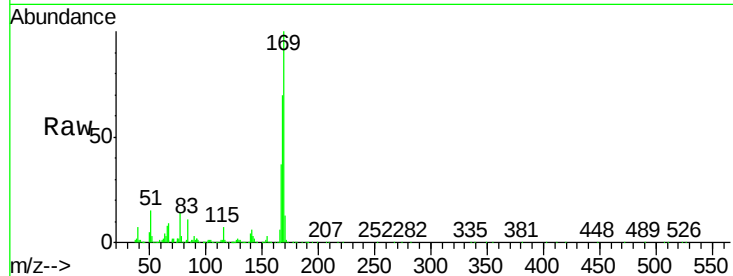
BNA_G

ClientSampleId :

PB91613BS

Tot Ion:169 Resp: 1213659

Ion	Ratio	Lower	Upper
169	100		
168	69.9	55.0	82.4
167	37.1	27.4	41.0



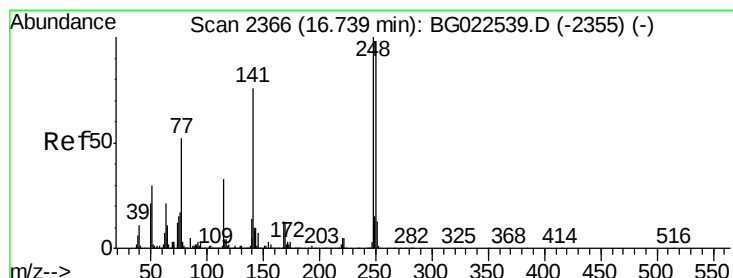
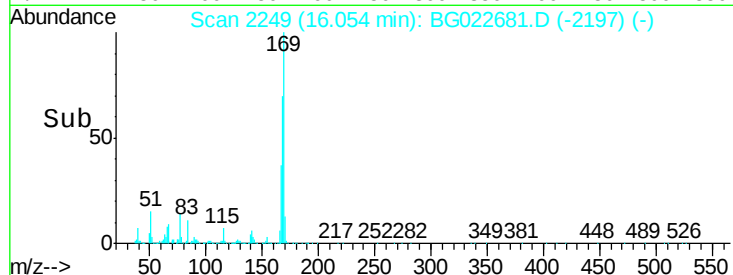
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

16.05

Time-->



#66

4-Bromophenyl-phenylether

Concen: 41.67 ng

RT: 16.74 min Scan# 2365

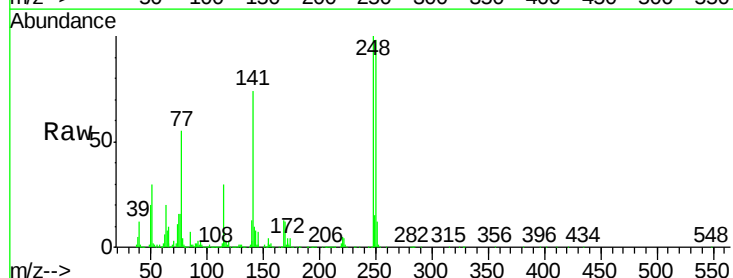
Delta R.T. 0.00 min

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



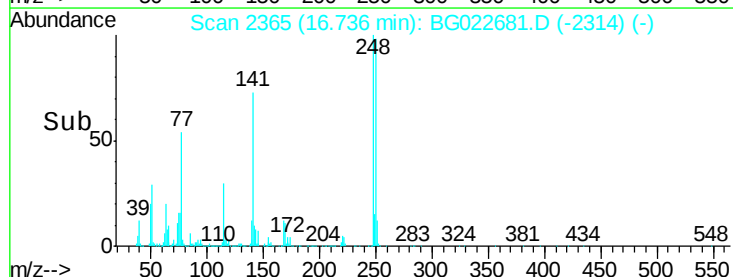
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.74

Time-->





#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

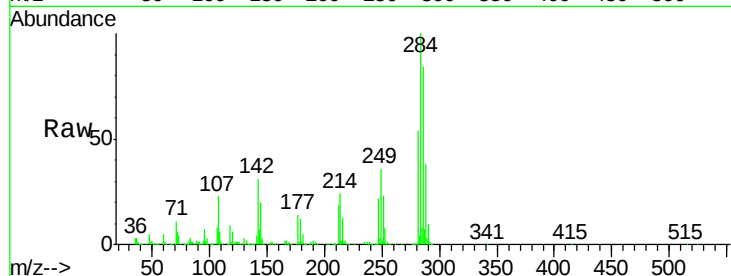
Tot Ion:284 Resp: 570005

Ion Ratio Lower Upper

284 100

142 31.4 26.8 40.2

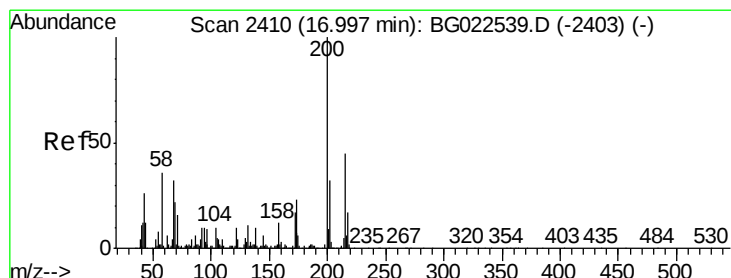
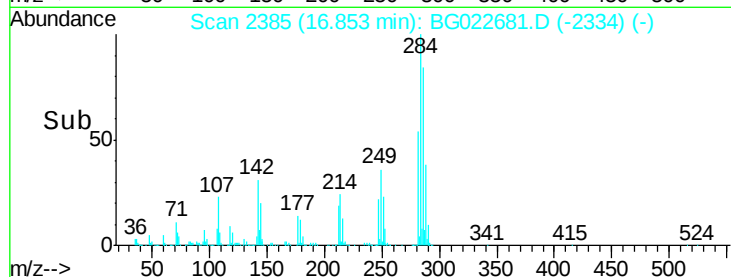
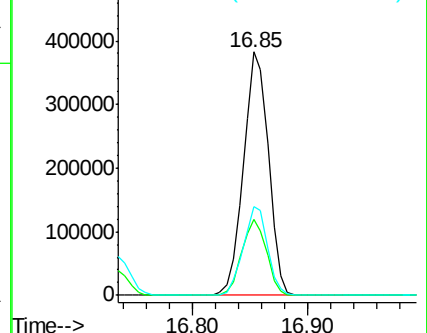
249 36.4 28.9 43.3



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

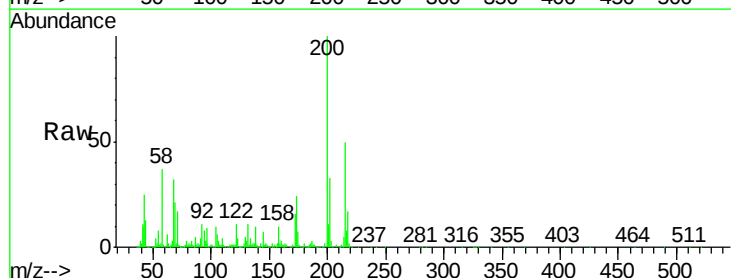
Tgt Ion:200 Resp: 546866

Ion Ratio Lower Upper

200 100

173 23.6 1.6 41.6

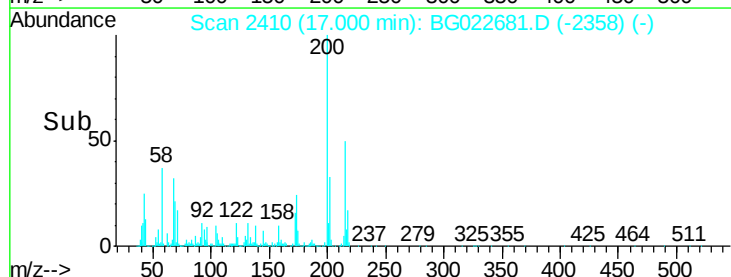
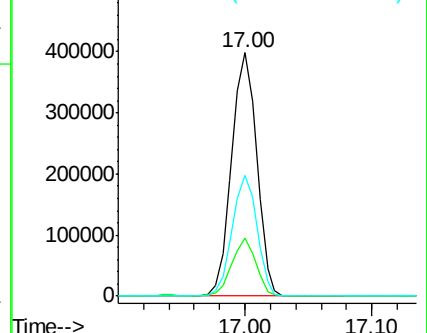
215 49.7 28.7 68.7

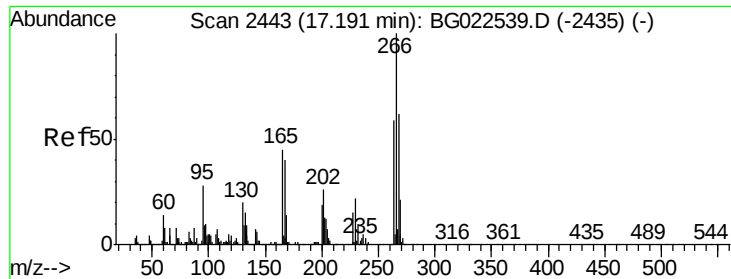


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

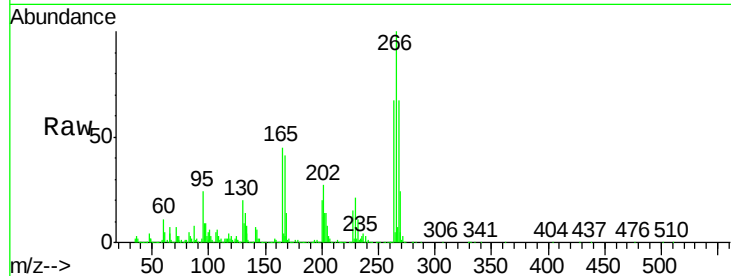




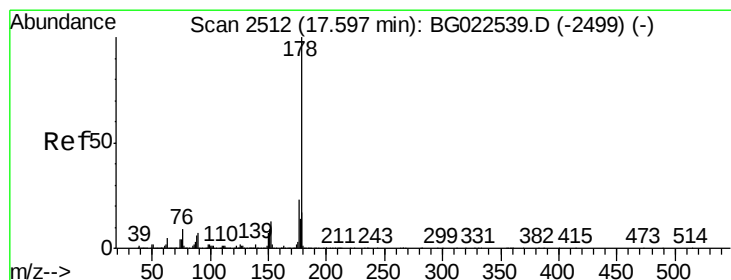
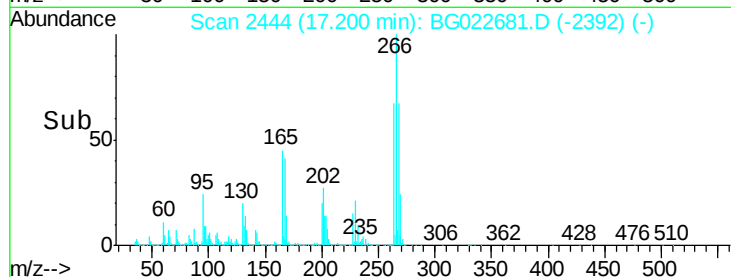
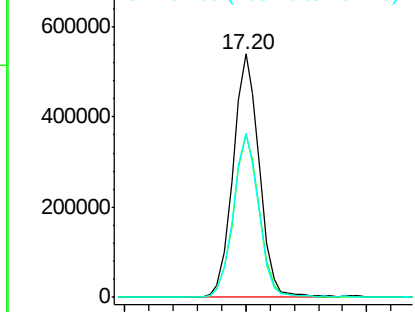
#69
 Pentachlorophenol
 Concen: 87.82 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	51.9	77.9
264	67.4	50.6	75.8

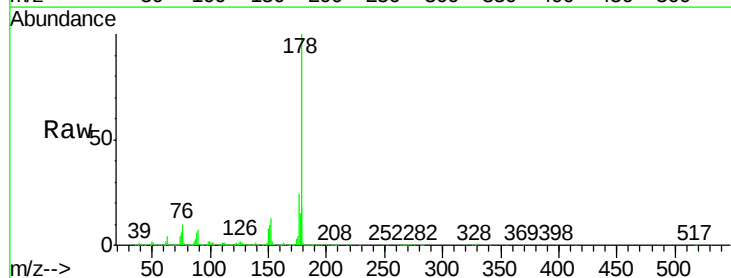


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

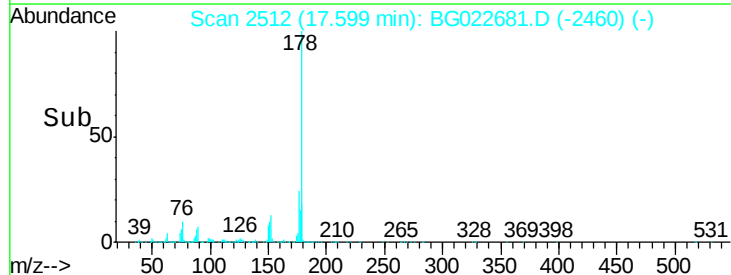
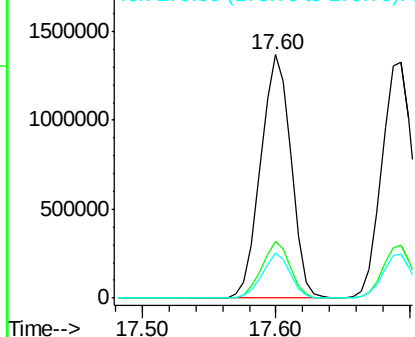


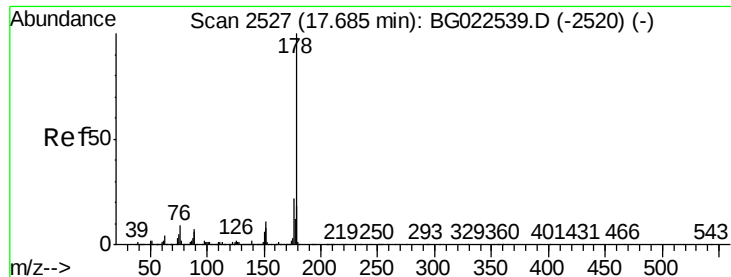
#70
 Phenanthrene
 Concen: 42.91 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Tgt Ion	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

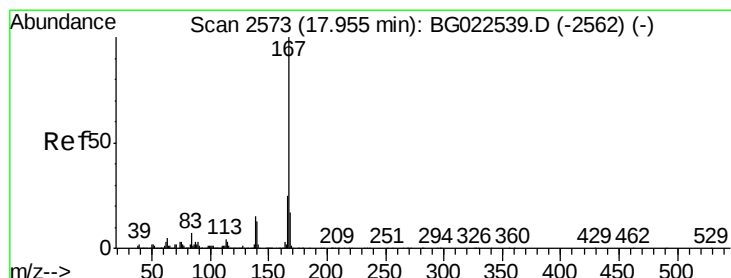
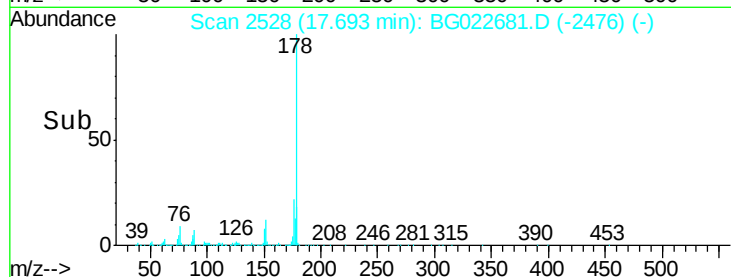
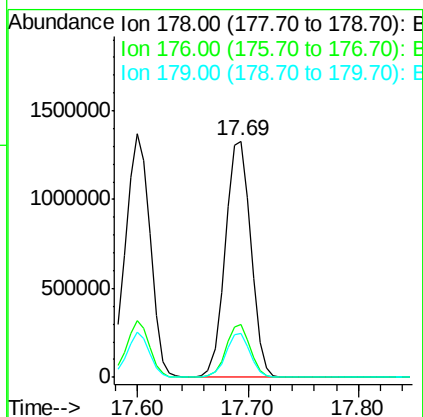
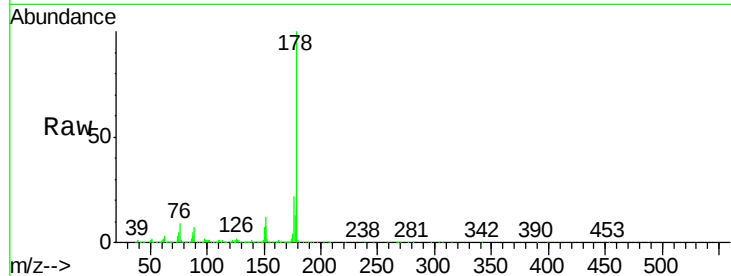




#71
 Anthracene
 Concen: 41.93 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

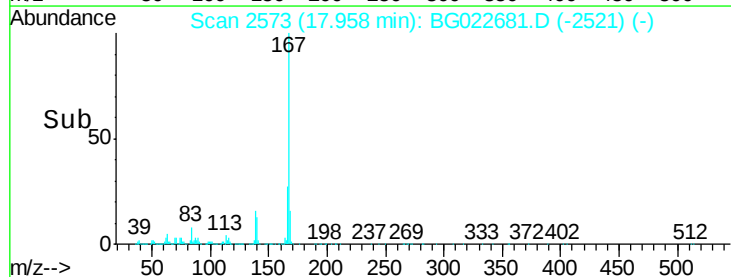
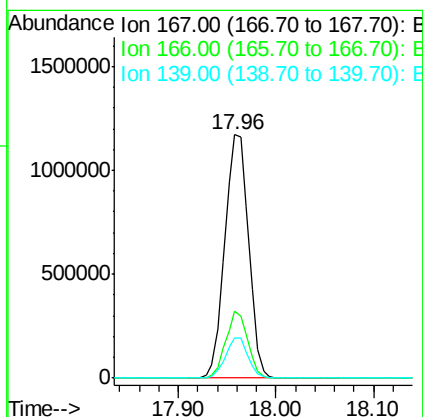
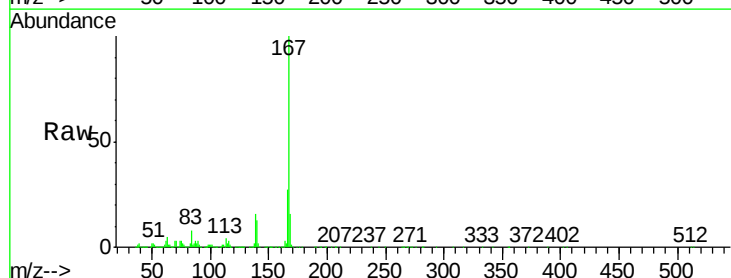
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

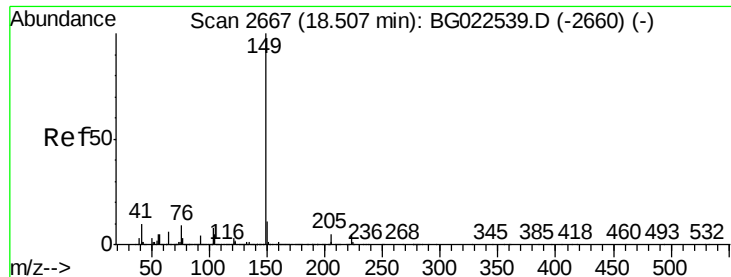
Tot Ion:178 Resp: 2162502
 Ion Ratio Lower Upper
 178 100
 176 22.3 17.3 25.9
 179 18.5 14.0 21.0



#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

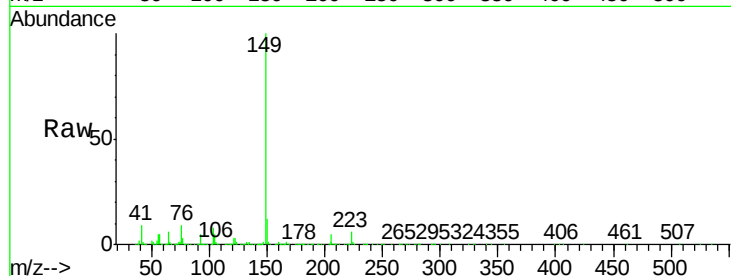
Tot Ion:149 Resp: 2240584

Ion Ratio Lower Upper

149 100

150 12.4 9.1 13.7

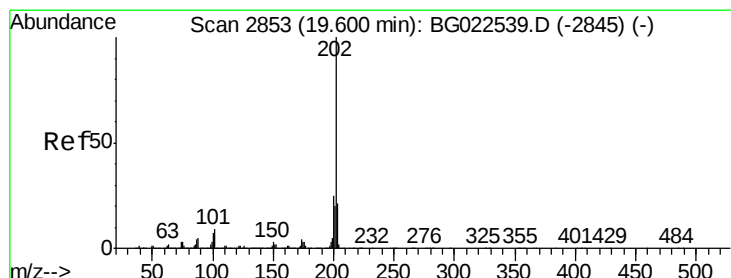
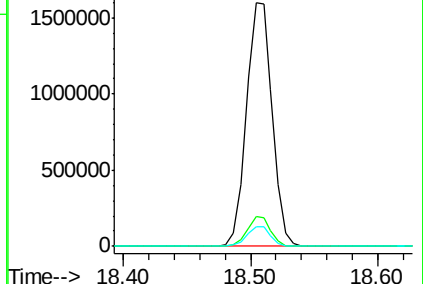
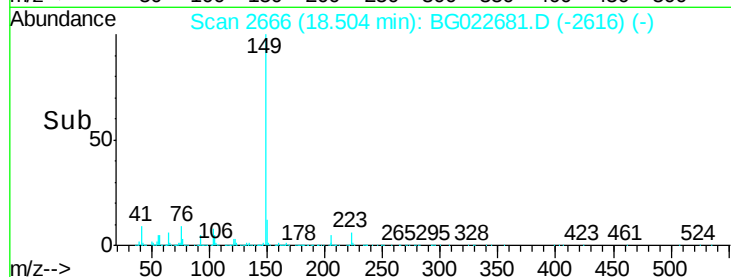
104 8.2 6.9 10.3



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

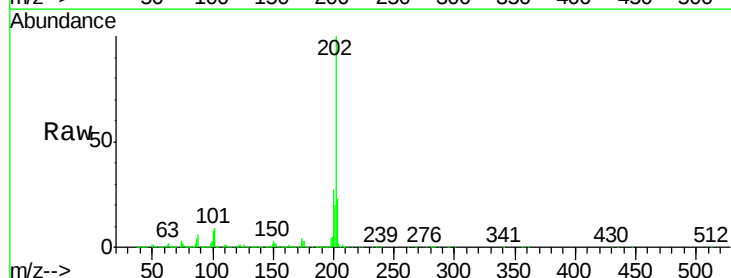
Tgt Ion:202 Resp: 2619862

Ion Ratio Lower Upper

202 100

101 8.8 0.0 27.4

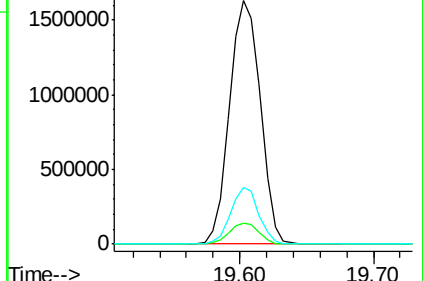
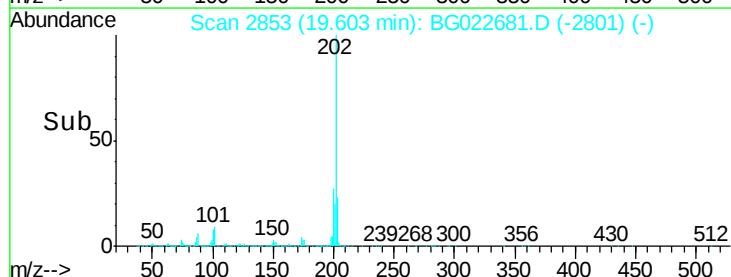
203 23.4 1.7 41.7

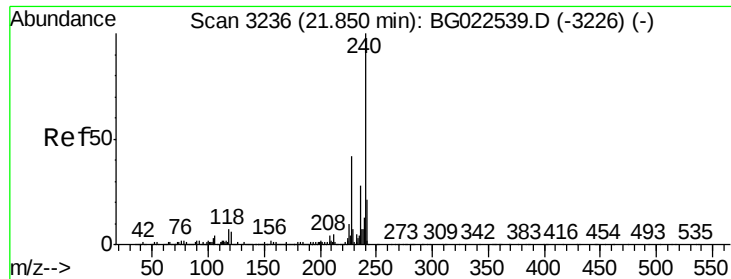


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

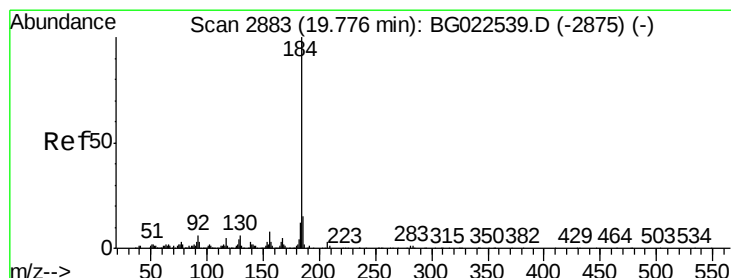
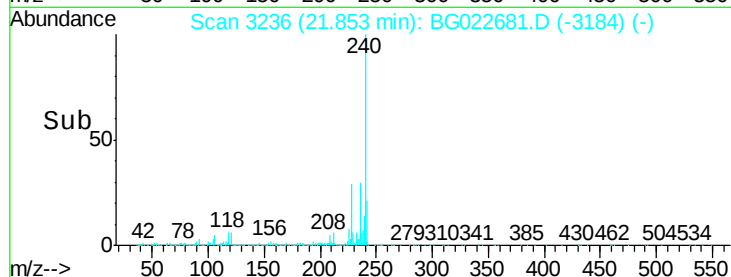
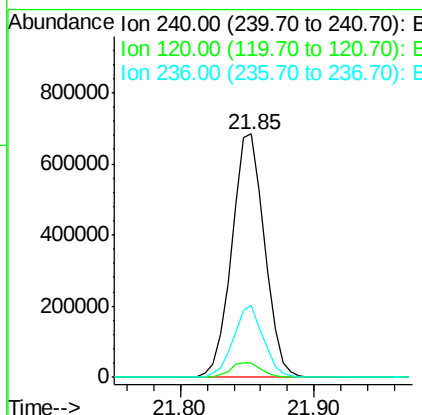
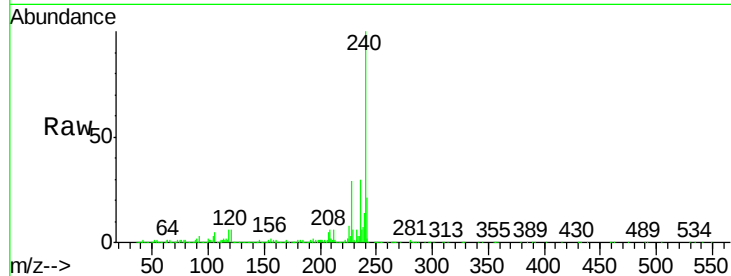




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

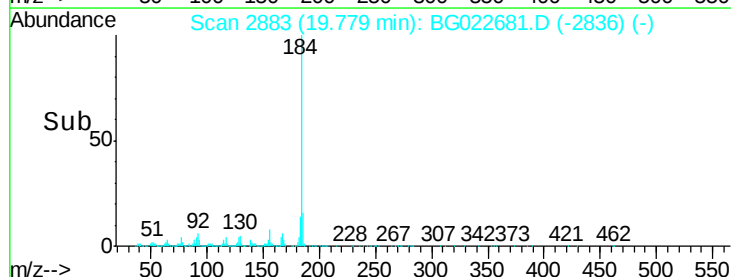
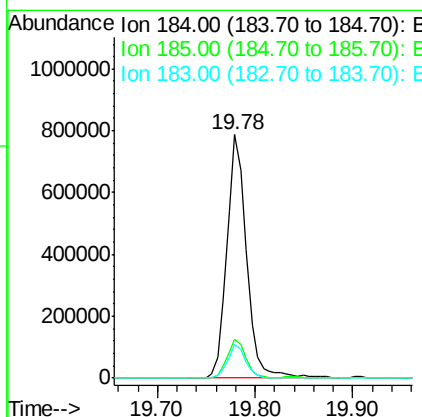
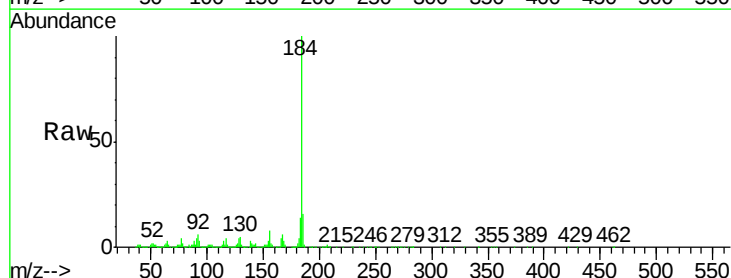
Instrument :
BNA_G
ClientSampleId :
PB91613BS

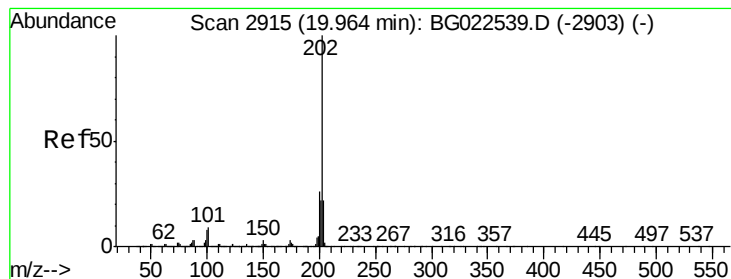
Tot Ion:240 Resp: 1164323
Ion Ratio Lower Upper
240 100
120 6.1 4.1 6.1
236 29.7 21.1 31.7



#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





#77

Pvrene

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 :

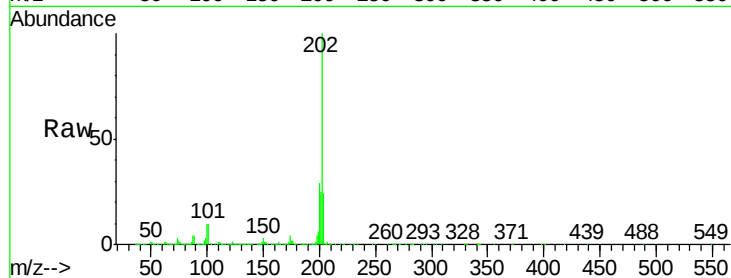
BNA_G

ClientSampleId :

PB91613BS

Tot Ion:202 Resp: 2612763

Ion	Ratio	Lower	Upper
202	100		
200	28.9	21.2	31.8
203	24.2	16.8	25.2

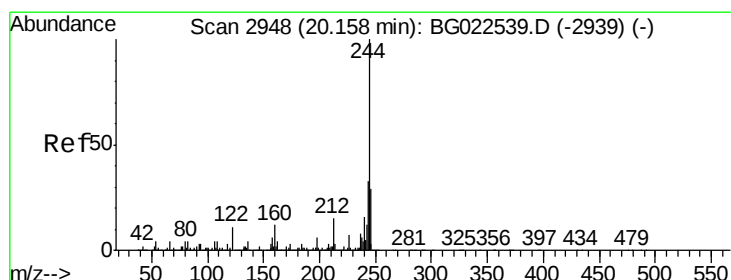
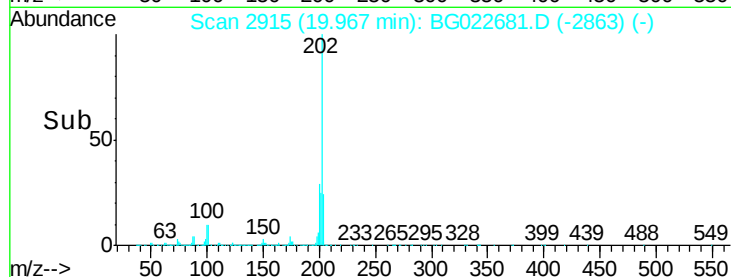
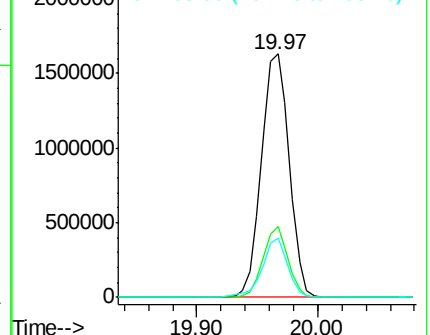


Abundance

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

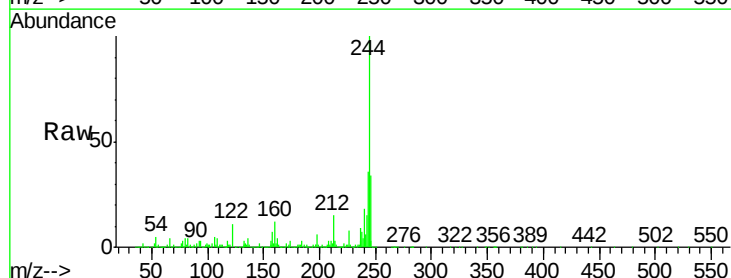
Delta R.T. 0.00 min

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

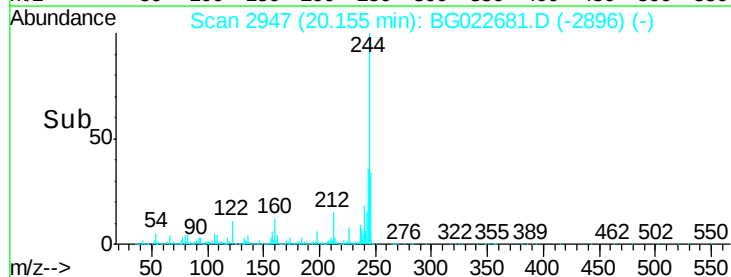
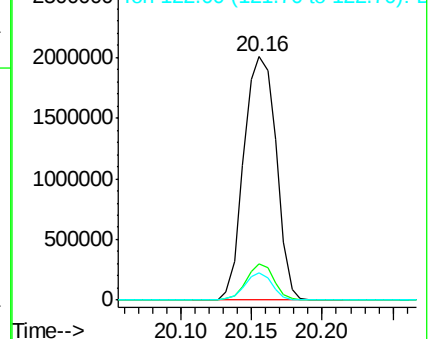


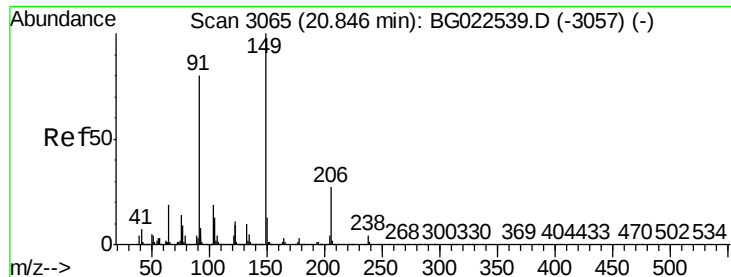
Abundance

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

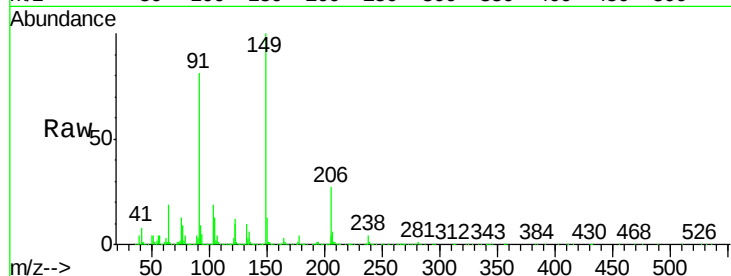
Tot Ion:149 Resp: 1169431

Ion Ratio Lower Upper

149 100

91 80.7 68.1 102.1

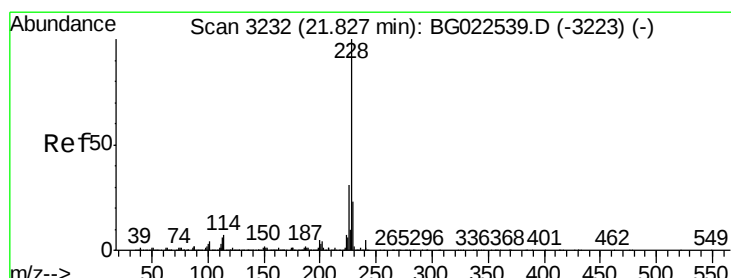
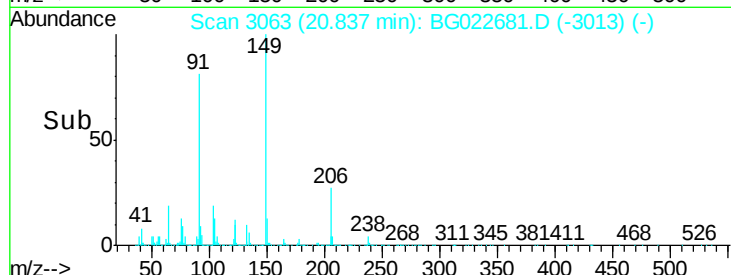
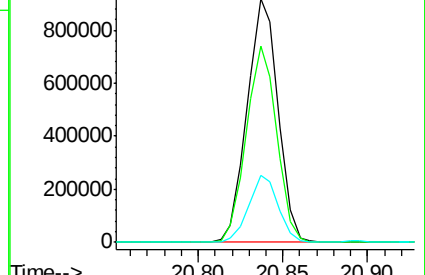
206 27.4 19.8 29.6



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

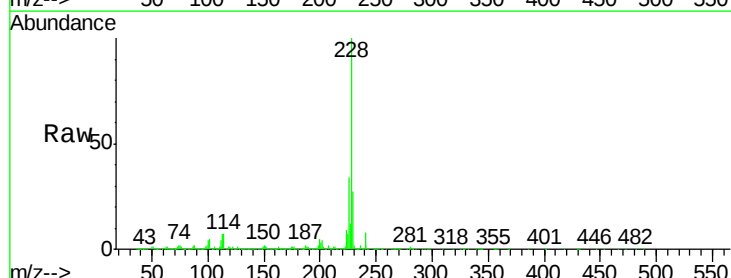
Tgt Ion:228 Resp: 2817029

Ion Ratio Lower Upper

228 100

226 34.2 25.3 37.9

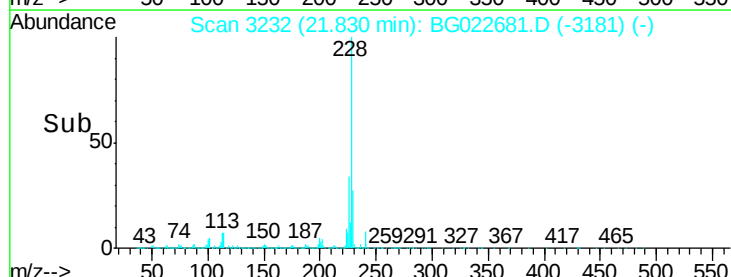
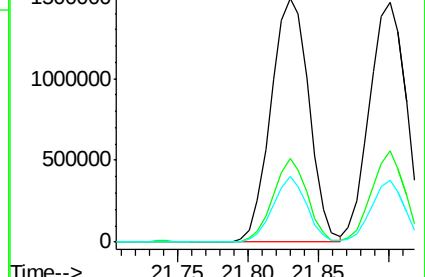
229 26.8 19.9 29.9

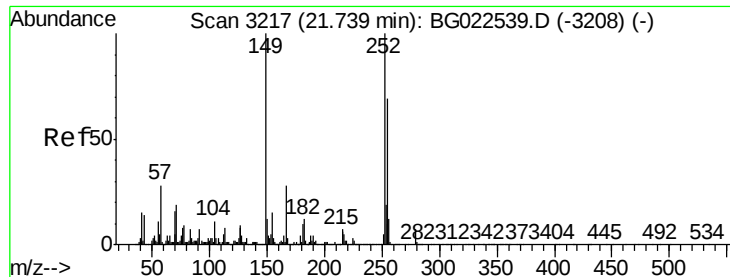


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

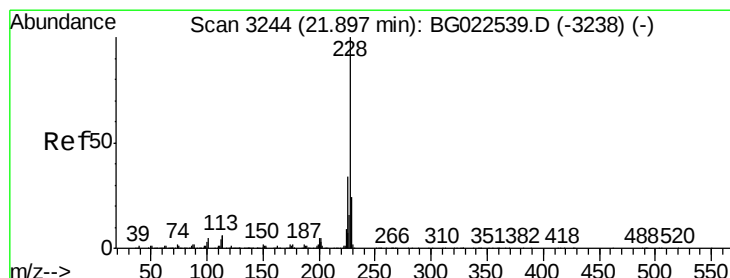
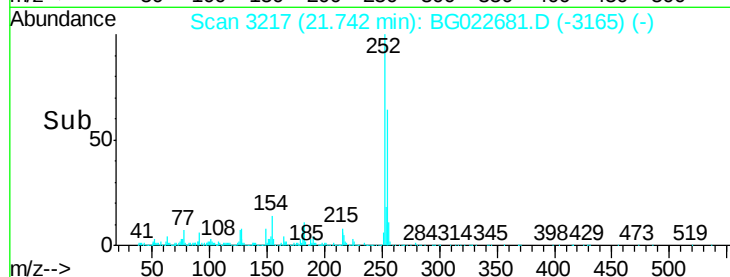
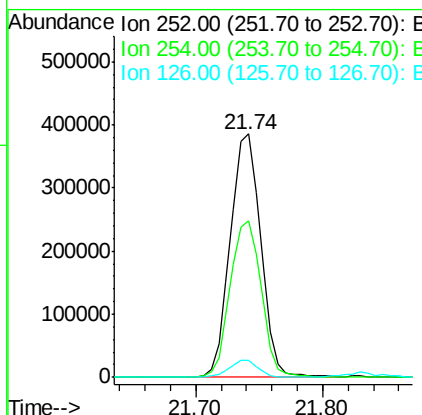
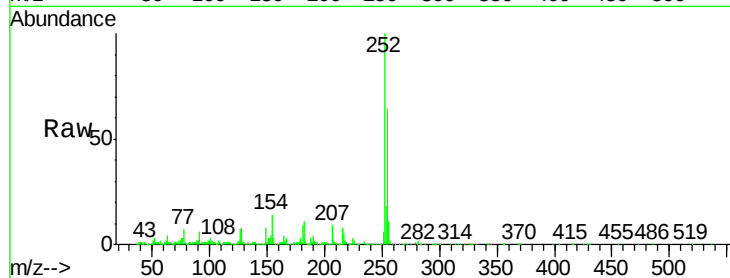




#81
 3,3'-Dichlorobenzidine
 Concen: 24.06 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

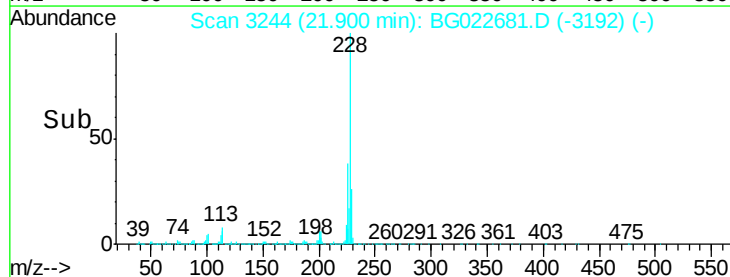
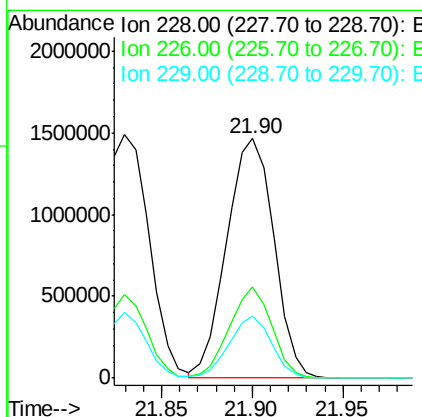
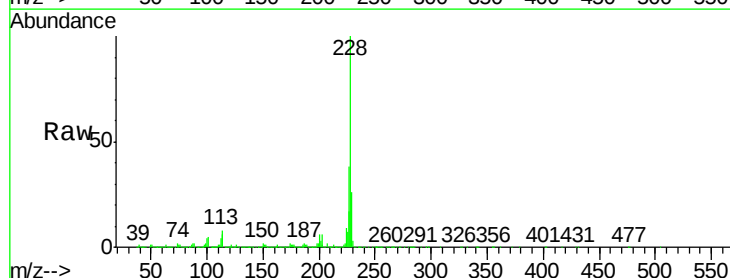
Instrument :
 BNA_G
 ClientSampleId :
 PB91613BS

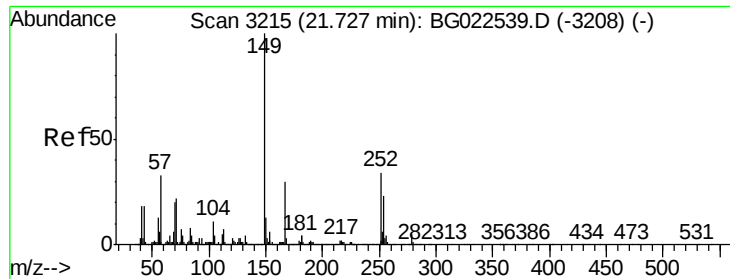
Tot Ion:252 Resp: 640229
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.2 76.8
 126 7.2 5.3 7.9



#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

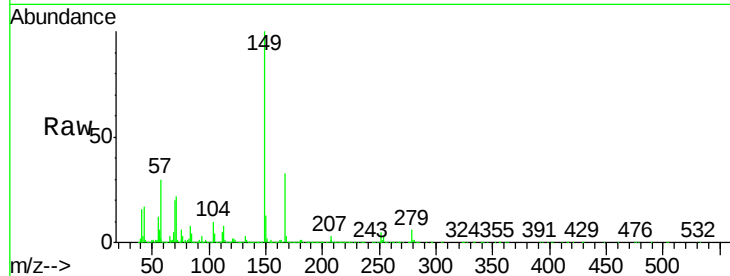




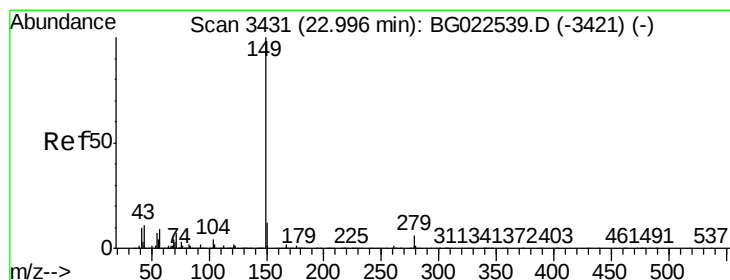
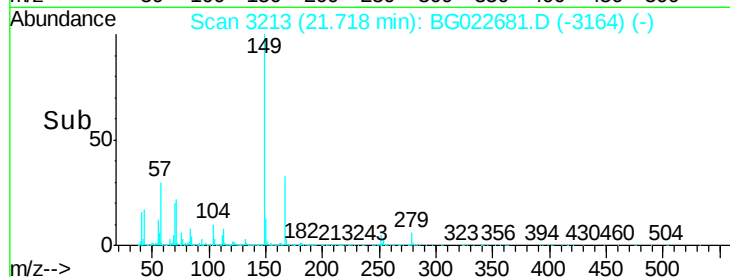
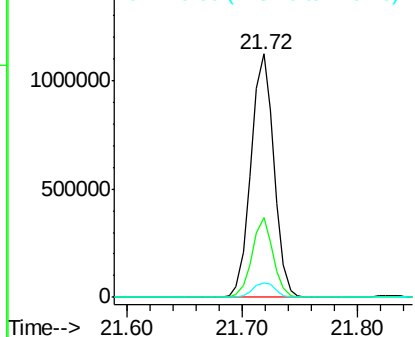
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.09 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

Instrument :
 BNA_G
 ClientSampleID :
 PB91613BS

Tot Ion:149 Resp: 1553082
 Ion Ratio Lower Upper
 149 100
 167 32.6 24.0 36.0
 279 6.2 4.8 7.2

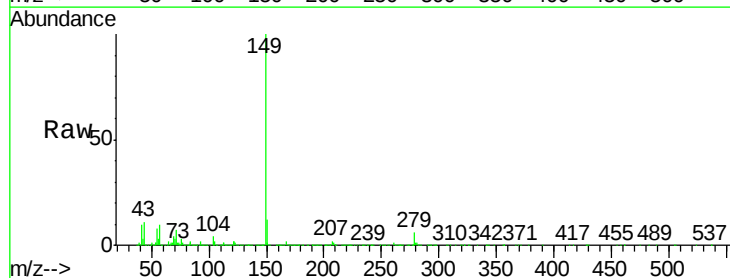


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

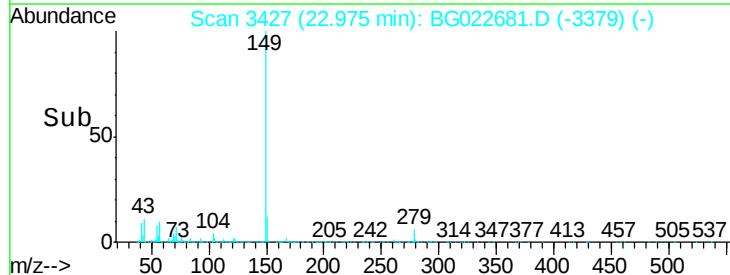
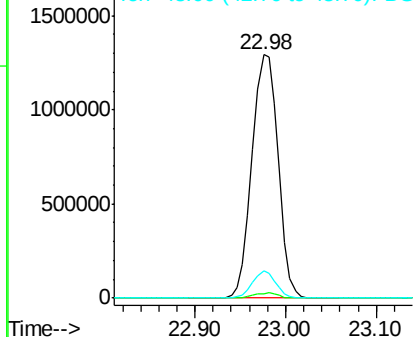


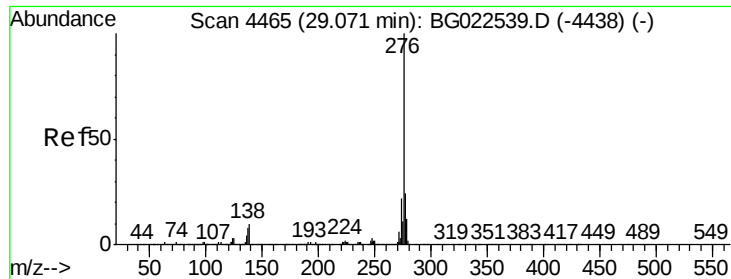
#84
 Di-n-octyl phthalate
 Concen: 41.55 ng
 RT: 22.98 min Scan# 3427
 Delta R.T. -0.02 min
 Lab File: BG022681.D
 Acq: 28 Jun 2016 18:26

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
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0

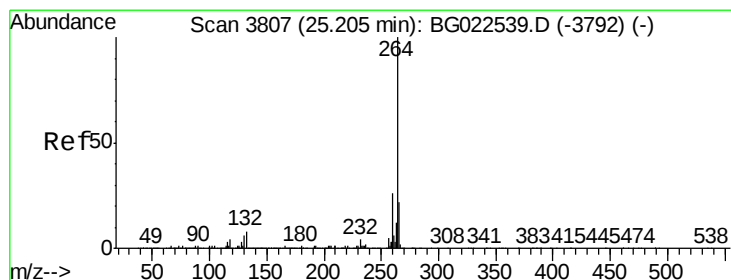
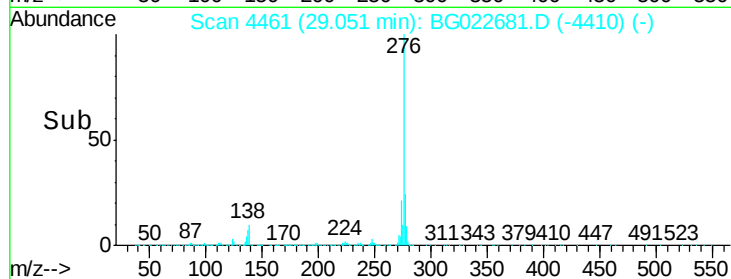
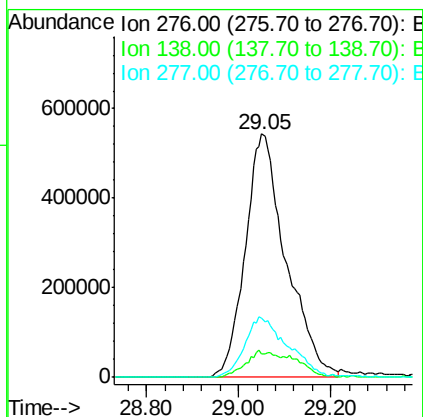
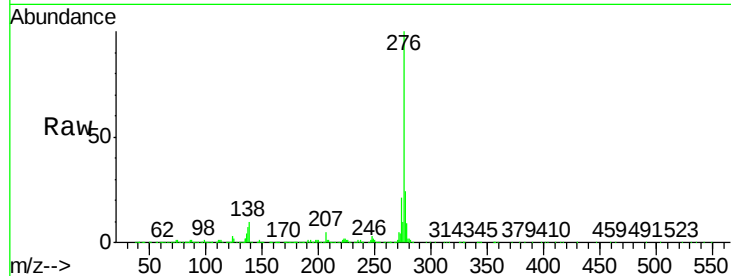




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.96 ng
RT: 29.05 min Scan# 4461
Delta R.T. 0.00 min
Lab File: BG022681.D
Acq: 28 Jun 2016 18:26

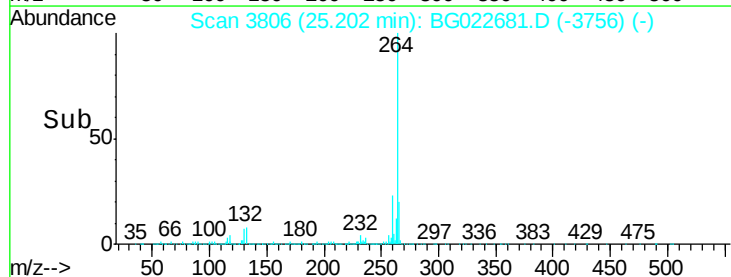
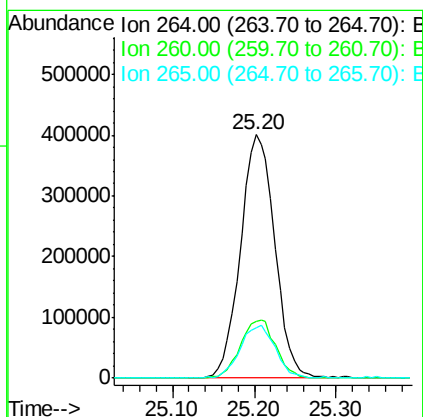
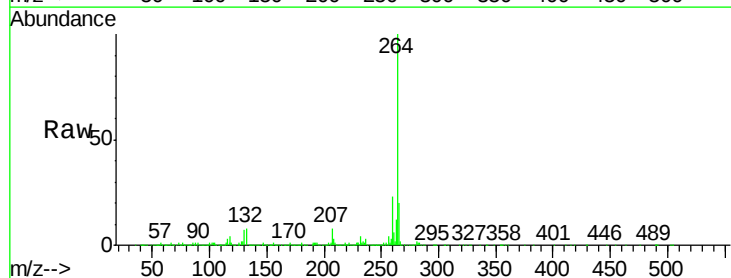
Instrument :
BNA_G
ClientSampleId :
PB91613BS

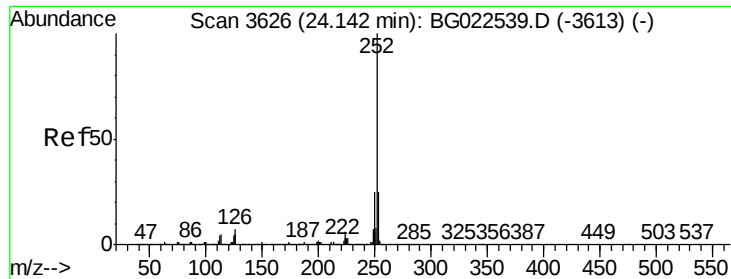
Tot Ion:276 Resp: 3338294
Ion Ratio Lower Upper
276 100
138 5.2 0.0 0.0#
277 26.1 0.0 0.0#



#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





#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

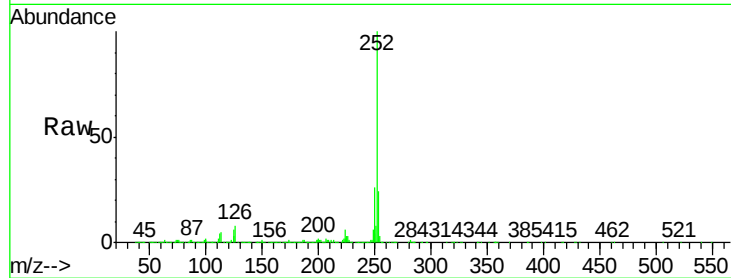
Tot Ion:252 Resp: 3124828

Ion Ratio Lower Upper

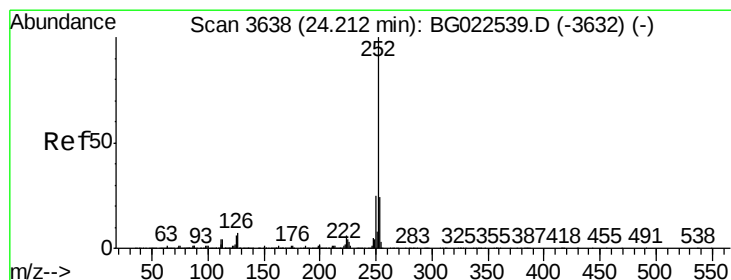
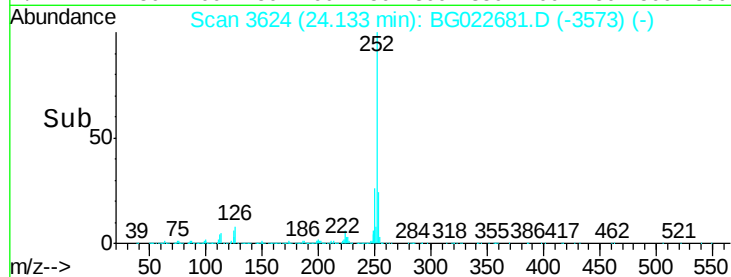
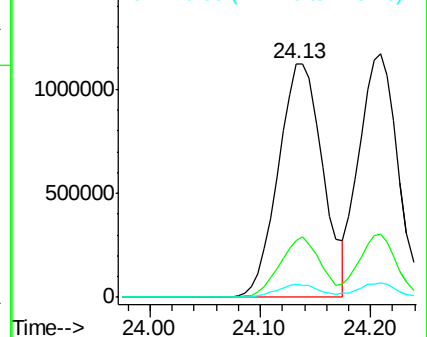
252 100

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

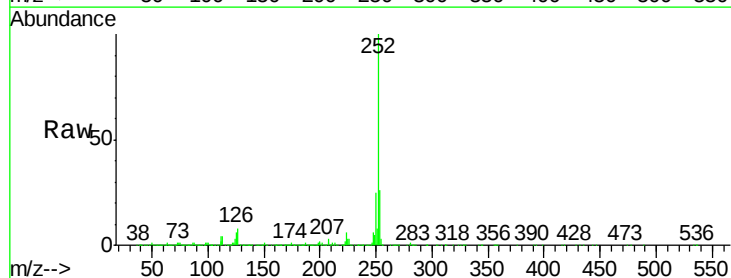
Tgt Ion:252 Resp: 2858879

Ion Ratio Lower Upper

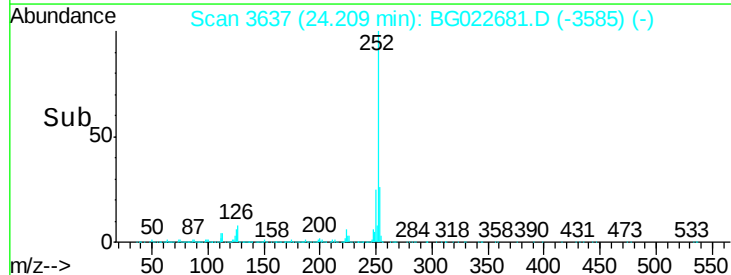
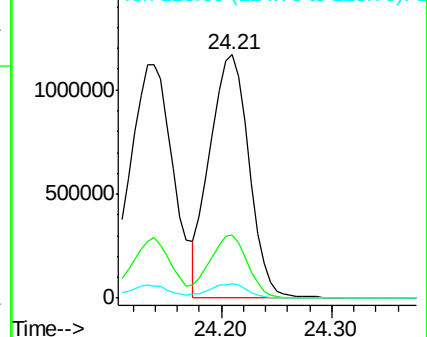
252 100

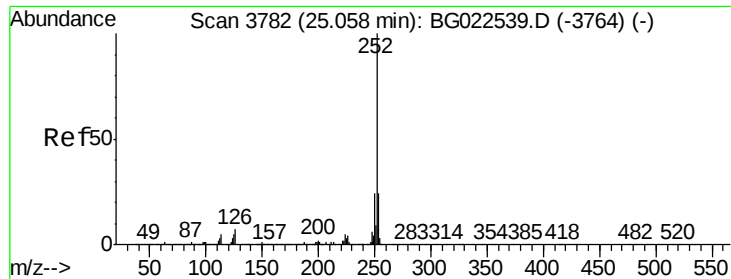
253 25.7 18.8 28.2

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

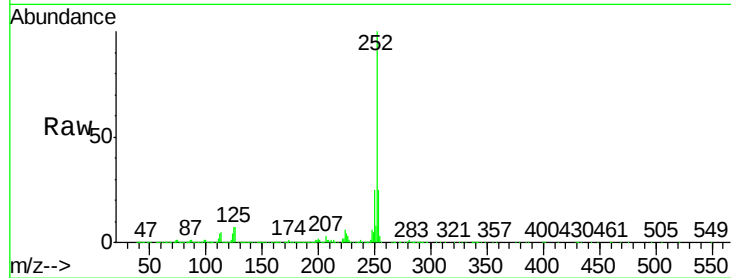
Tot Ion:252 Resp: 2982721

Ion Ratio Lower Upper

252 100

253 24.7 18.7 28.1

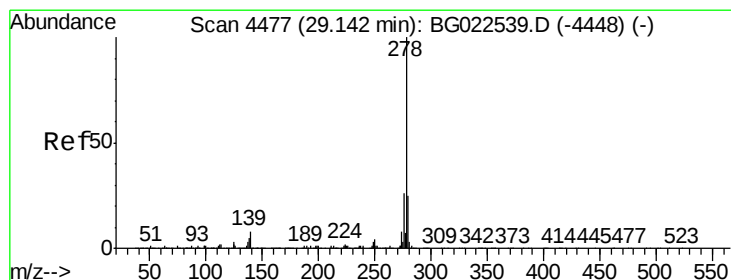
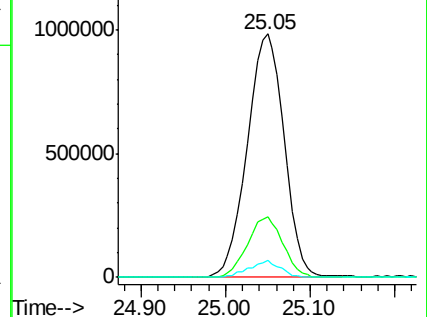
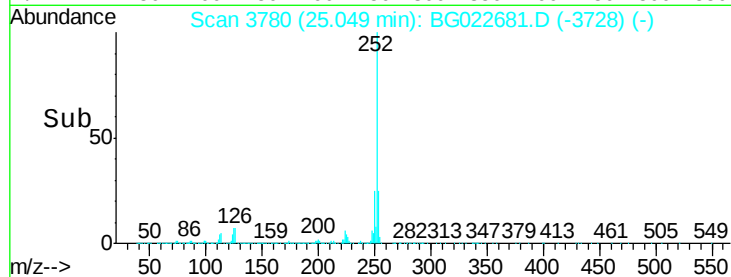
125 6.9 3.9 5.9#



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

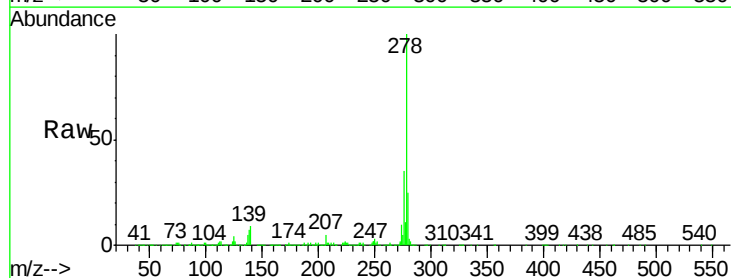
Tgt Ion:278 Resp: 2841398

Ion Ratio Lower Upper

278 100

139 9.3 4.7 7.1#

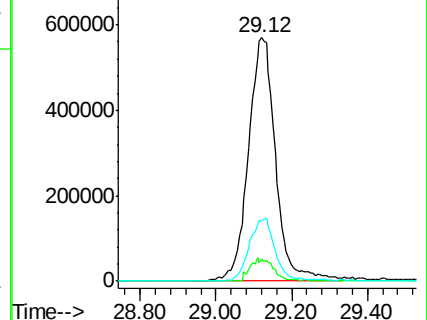
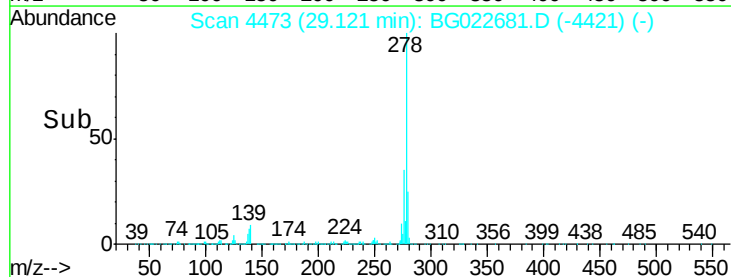
279 24.8 18.3 27.5

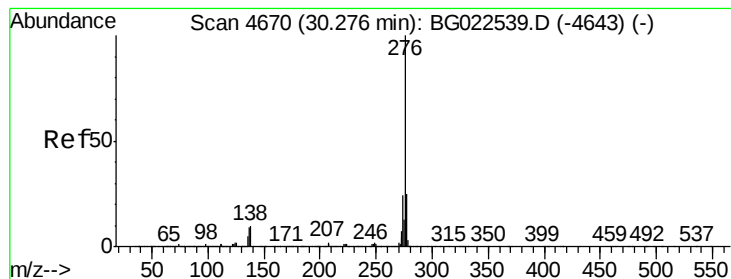


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,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

Tot Ion:276 Resp: 2726420

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	11.0	6.8	10.2

