

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122116\
 Data File : BG025376.D
 Acq On : 22 Dec 2016 3:15
 Operator : UM/SJ
 Sample : PB95526BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95526BS

Quant Time: Dec 22 05:12:52 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	46104	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	193423	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	158530	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	375796	20.00	ng	0.00
75) Chrysene-d12	21.88	240	547547	20.00	ng	0.00
86) Perylene-d12	25.29	264	576697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	362753	143.02	ng	0.00
7) Phenol-d6	7.37	99	512874	143.57	ng	0.00
23) Nitrobenzene-d5	9.40	82	363592	83.04	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	329512	129.11	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	812125	82.94	ng	0.00
78) Terphenyl-d14	20.16	244	1706160	82.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	35236	32.56	ng	92
3) Pyridine	4.00	79	101850	32.47	ng	97
4) n-Nitrosodimethylamine	3.92	42	71047	38.15	ng	99
6) Aniline	7.54	93	144573	29.87	ng	96
8) 2-Chlorophenol	7.78	128	114776	40.11	ng	95
9) Benzaldehyde	7.36	77	21692	8.30	ng	90
10) Phenol	7.40	94	170882	43.15	ng	98
11) bis(2-Chloroethyl)ether	7.62	93	117717	38.58	ng	91
12) 1,3-Dichlorobenzene	8.10	146	130343	37.64	ng	98
13) 1,4-Dichlorobenzene	8.25	146	133466	37.19	ng	98
14) 1,2-Dichlorobenzene	8.57	146	123408	36.04	ng	95
15) Benzyl Alcohol	8.46	79	140223	41.12	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.74	45	208544	36.91	ng	97
17) 2-Methylphenol	8.66	107	115140	44.28	ng	96
18) Hexachloroethane	9.30	117	50249	36.46	ng	92
19) n-Nitroso-di-n-propylamine	9.02	70	116682	38.67	ng	98
20) 3+4-Methylphenols	8.99	107	156536	43.49	ng	96
22) Acetophenone	9.05	105	204955	38.14	ng	# 94
24) Nitrobenzene	9.44	77	180762	37.64	ng	98
25) Isophorone	9.95	82	319489	40.30	ng	97
26) 2-Nitrophenol	10.16	139	72004	39.20	ng	95
27) 2,4-Dimethylphenol	10.20	122	122868	40.69	ng	96
28) bis(2-Chloroethoxy)methane	10.43	93	167093	40.59	ng	97
29) 2,4-Dichlorophenol	10.70	162	138773	42.95	ng	97
30) 1,2,4-Trichlorobenzene	10.90	180	147662	37.83	ng	92
31) Naphthalene	11.09	128	370551	38.36	ng	98
32) Benzoic acid	10.34	122	78045	32.14	ng	95
33) 4-Chloroaniline	11.21	127	89005	21.91	ng	93
34) Hexachlorobutadiene	11.35	225	116627	36.60	ng	93
35) Caprolactam	11.98	113	18369	15.13	ng	# 87
36) 4-Chloro-3-methylphenol	12.32	107	159879	40.09	ng	99
37) 2-Methylnaphthalene	12.68	142	284389	39.73	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	204428	39.06	ng	# 96
40) Hexachlorocyclopentadiene	13.01	237	169839	87.90	ng	97

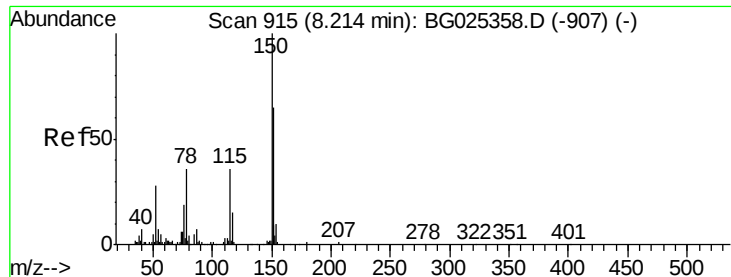
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.29	196	126395	38.35	ng	95
43) 2,4,5-Trichlorophenol	13.38	196	132827	38.50	ng	94
45) 1,1'-Biphenyl	13.67	154	419008	39.30	ng	94
46) 2-Chloronaphthalene	13.73	162	319078	38.30	ng	95
47) 2-Nitroaniline	13.94	65	135698	38.59	ng	99
48) Acenaphthylene	14.57	152	496150	38.43	ng	97
49) Dimethylphthalate	14.28	163	467303	40.43	ng	97
50) 2,6-Dinitrotoluene	14.42	165	101198	40.08	ng	96
51) Acenaphthene	14.90	154	317024	37.54	ng	96
52) 3-Nitroaniline	14.76	138	64069	26.40	ng	91
53) 2,4-Dinitrophenol	14.98	184	120800	73.41	ng	# 86
54) Dibenzofuran	15.23	168	530507	39.74	ng	99
55) 4-Nitrophenol	15.08	139	144506	79.71	ng	92
56) 2,4-Dinitrotoluene	15.21	165	150090	40.83	ng	# 93
57) Fluorene	15.88	166	431229	38.58	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.47	232	147626	39.95	ng	94
59) Diethylphthalate	15.63	149	473391	39.06	ng	100
60) 4-Chlorophenyl-phenylether	15.86	204	242855	38.34	ng	98
61) 4-Nitroaniline	15.93	138	89821	36.78	ng	# 79
62) Azobenzene	16.15	77	497343	42.55	ng	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	98810	37.97	ng	79
65) n-Nitrosodiphenylamine	16.08	169	405133	39.88	ng	97
66) 4-Bromophenyl-phenylether	16.76	248	180250	38.88	ng	95
67) Hexachlorobenzene	16.88	284	210689	39.60	ng	# 85
68) Atrazine	17.02	200	194518	43.71	ng	98
69) Pentachlorophenol	17.24	266	212150	76.92	ng	98
70) Phenanthrene	17.62	178	772405	39.89	ng	95
71) Anthracene	17.72	178	789535	40.13	ng	98
72) Carbazole	17.99	167	706818	40.16	ng	94
73) Di-n-butylphthalate	18.50	149	851557	39.33	ng	96
74) Fluoranthene	19.63	202	1064506	41.62	ng	92
76) Benzidine	19.80	184	422843	30.96	ng	97
77) Pyrene	19.99	202	1071493	37.44	ng	97
79) Butylbenzylphthalate	20.84	149	444223	38.66	ng	97
80) Benzo(a)anthracene	21.85	228	1199231	39.27	ng	97
81) 3,3'-Dichlorobenzidine	21.76	252	310986	26.22	ng	97
82) Chrysene	21.92	228	1116947	38.14	ng	94
83) Bis(2-ethylhexyl)phthalate	21.70	149	639615	40.00	ng	95
84) Di-n-octyl phthalate	22.96	149	1087147	40.95	ng	95
85) Indeno(1,2,3-cd)pyrene	29.23	276	1492983	40.10	ng	99
87) Benzo(b)fluoranthene	24.19	252	1239420	39.39	ng	# 97
88) Benzo(k)fluoranthene	24.26	252	1192628	39.25	ng	97
89) Benzo(a)pyrene	25.12	252	1188771	39.12	ng	98
90) Dibenzo(a,h)anthracene	29.26	278	1249247	38.79	ng	99
91) Benzo(g,h,i)perylene	30.46	276	1236513	38.63	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.00 min

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BNA_G

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PB95526BS

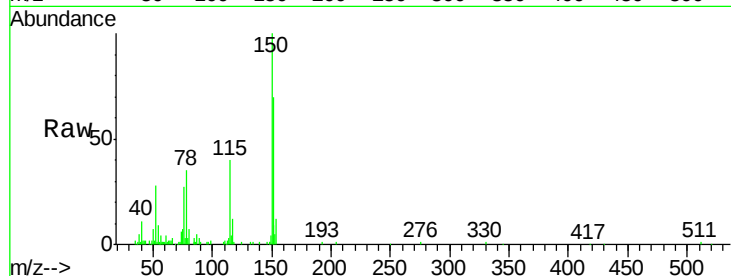
Tgt Ion:152 Resp: 46104

Ion Ratio Lower Upper

152 100

150 143.1 114.0 171.0

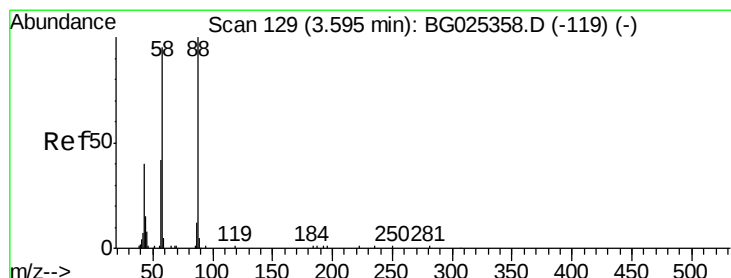
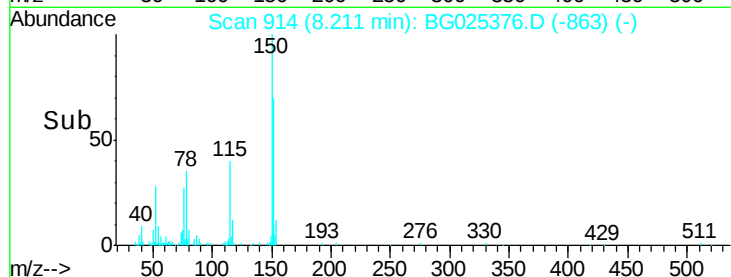
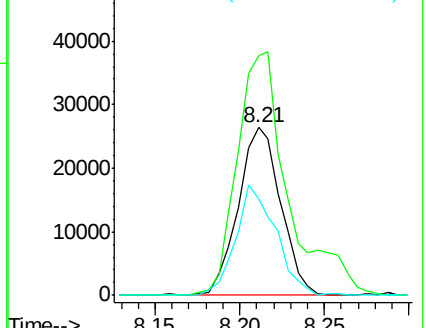
115 57.7 48.1 72.1



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: 32.56 ng

RT: 3.59 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

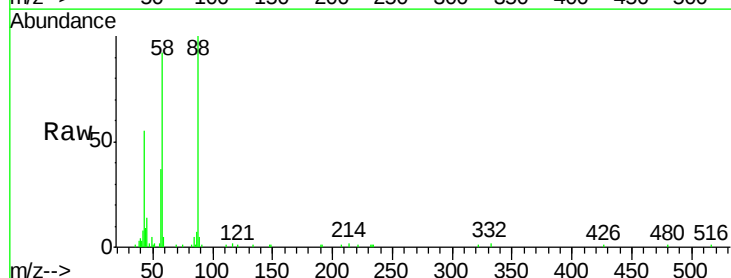
Tgt Ion: 88 Resp: 35236

Ion Ratio Lower Upper

88 100

58 93.7 79.4 119.2

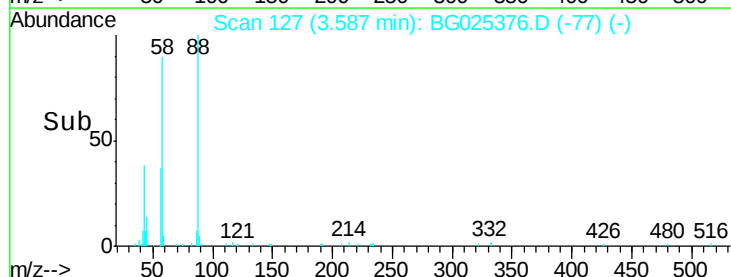
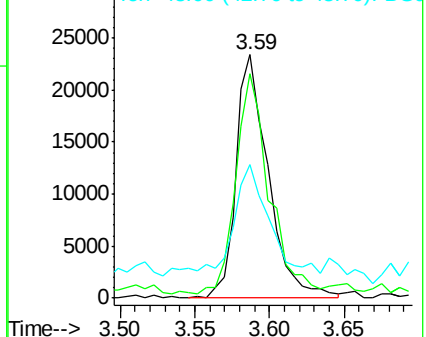
43 50.0 33.8 50.6

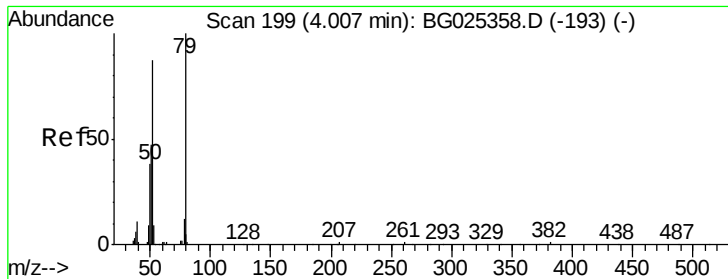


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.47 ng

RT: 4.00 min Scan# 198

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

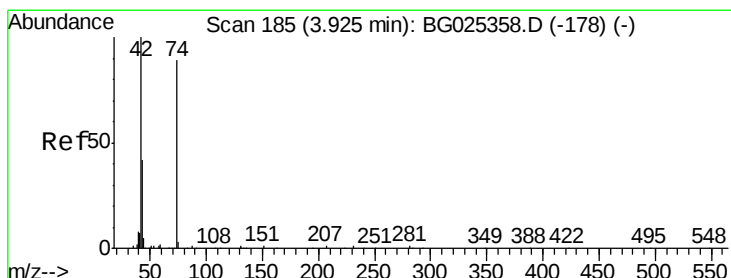
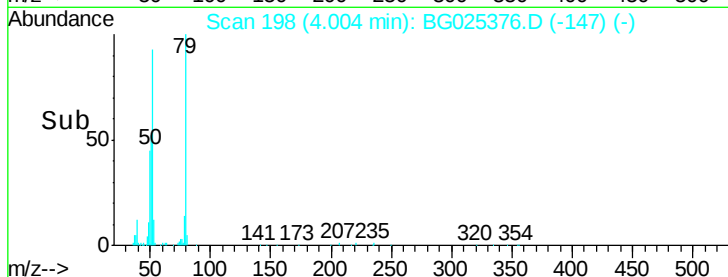
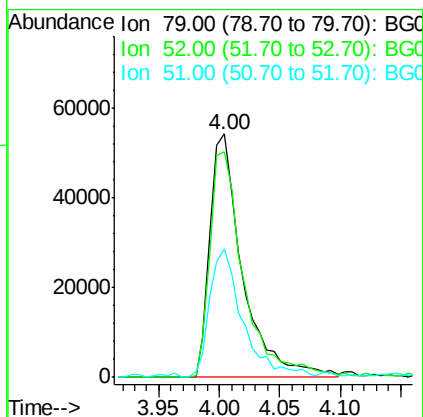
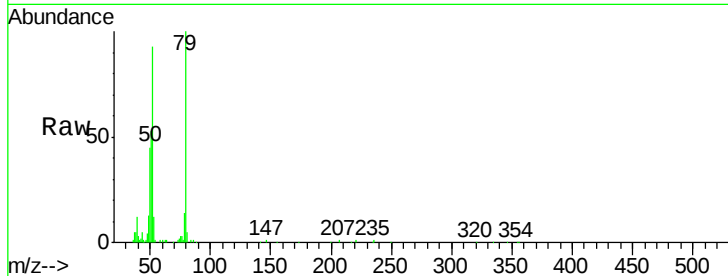
Tgt Ion: 79 Resp: 101850

Ion Ratio Lower Upper

79 100

52 92.9 77.8 116.6

51 52.8 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 38.15 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

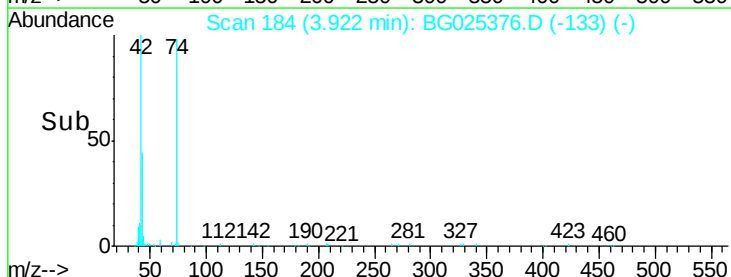
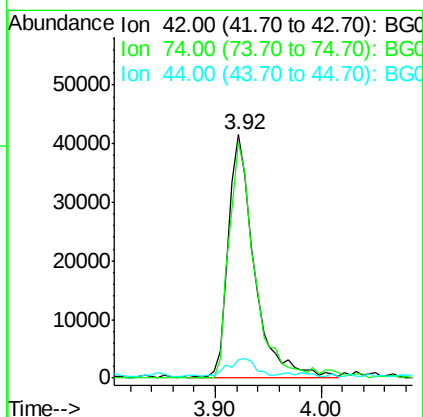
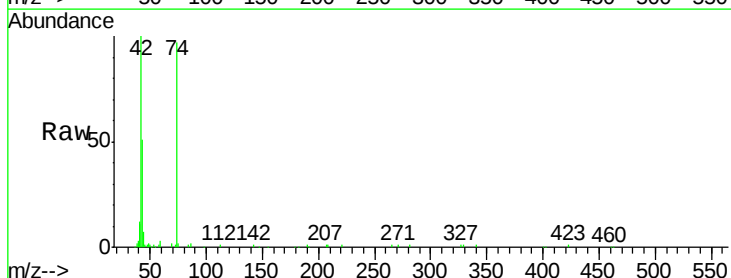
Tgt Ion: 42 Resp: 71047

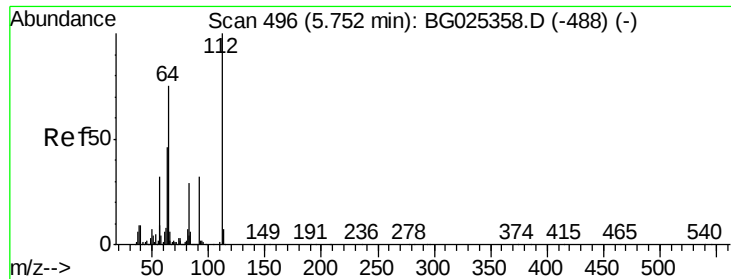
Ion Ratio Lower Upper

42 100

74 96.7 76.7 115.1

44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 143.02 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

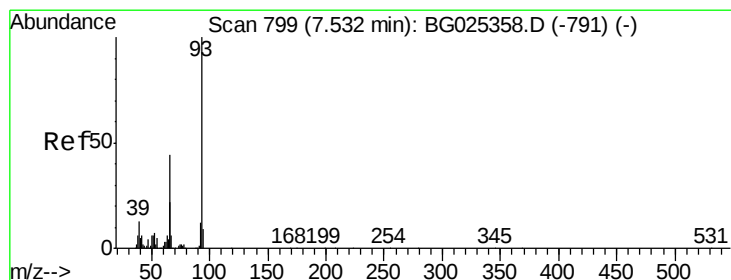
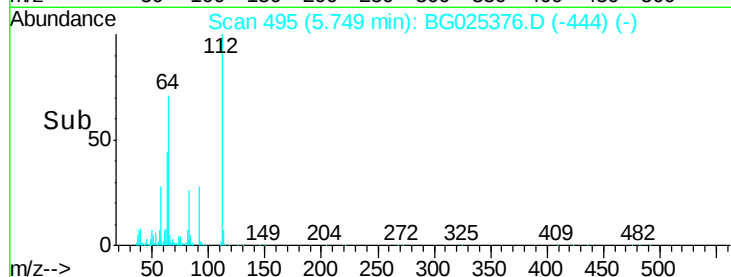
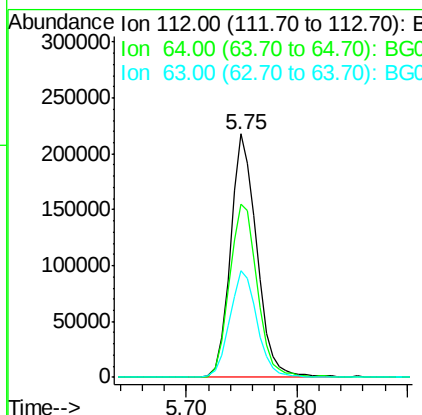
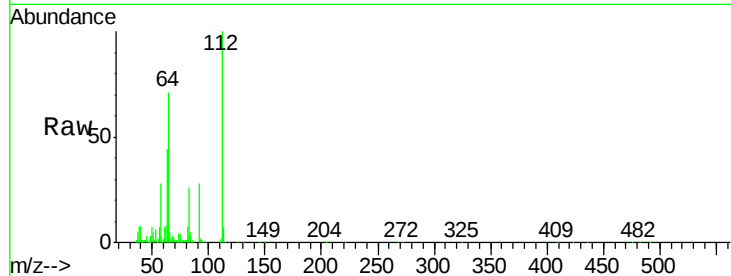
Instrument :

BNA_G

ClientSampleId :

PB95526BS

Tgt Ion:	112	Resp:	362753
Ion Ratio	Lower	Upper	
112	100		
64	71.0	61.8	92.6
63	43.7	37.2	55.8



#6

Aniline

Concen: 29.87 ng

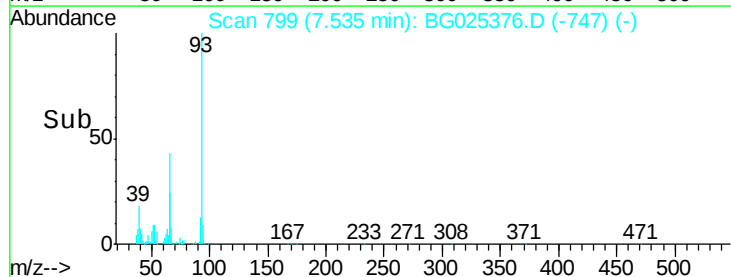
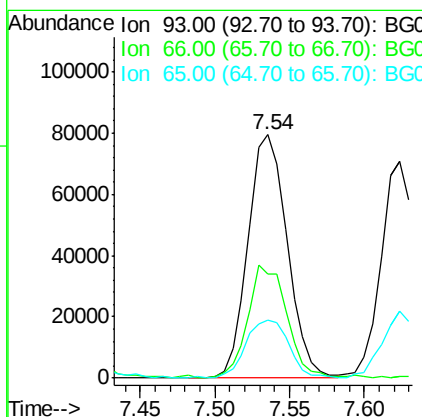
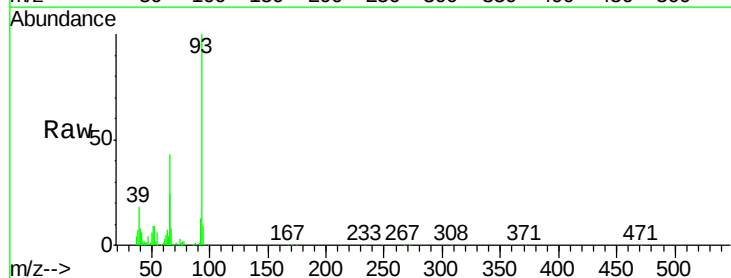
RT: 7.54 min Scan# 799

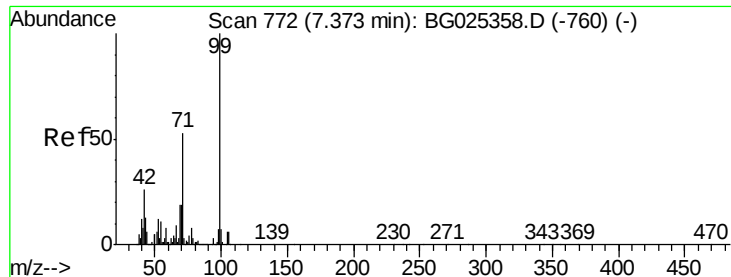
Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Tgt Ion:	93	Resp:	144573
Ion Ratio	Lower	Upper	
93	100		
66	42.5	35.4	53.2
65	23.7	21.2	31.8





#7

Phenol-d6

Concen: 143.57 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

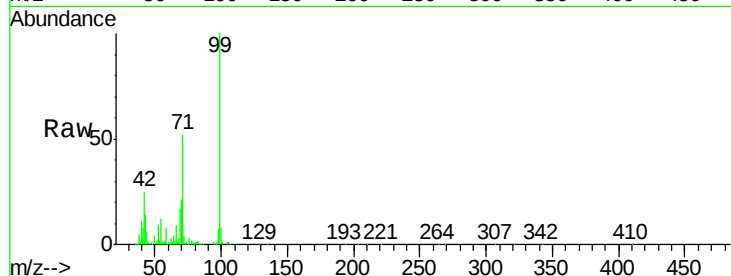
Tgt Ion: 99 Resp: 512874

Ion Ratio Lower Upper

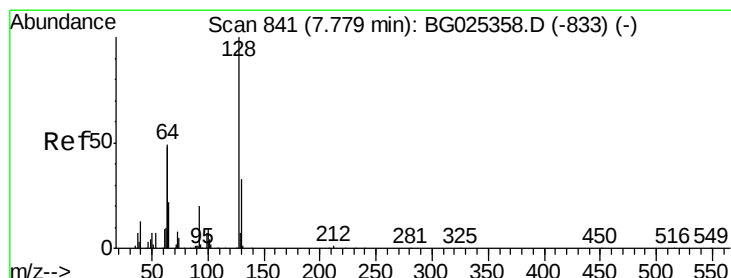
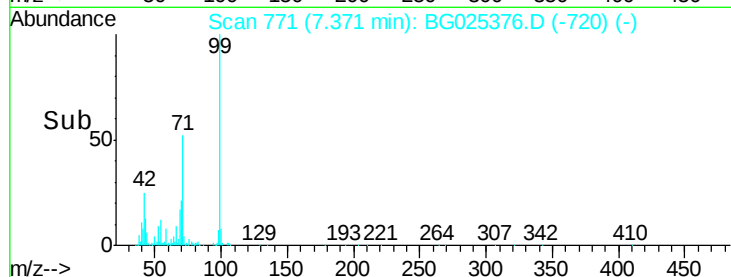
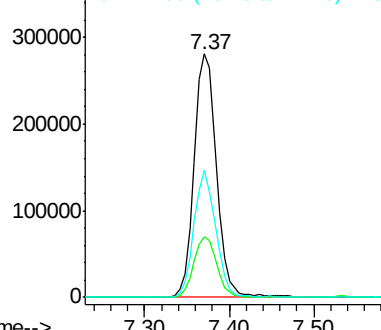
99 100

42 25.1 20.5 30.7

71 52.4 37.6 56.4



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: 40.11 ng

RT: 7.78 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

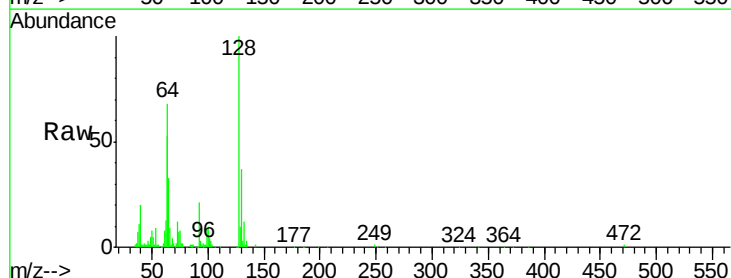
Tgt Ion: 128 Resp: 114776

Ion Ratio Lower Upper

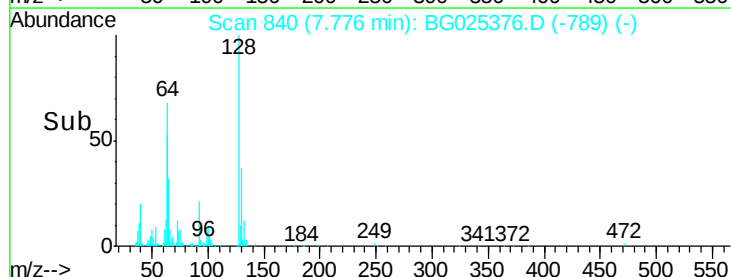
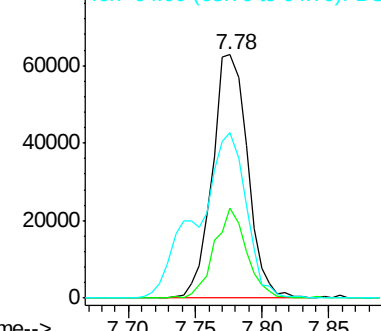
128 100

130 37.1 11.4 51.4

64 68.2 46.6 86.6



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: 8.30 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

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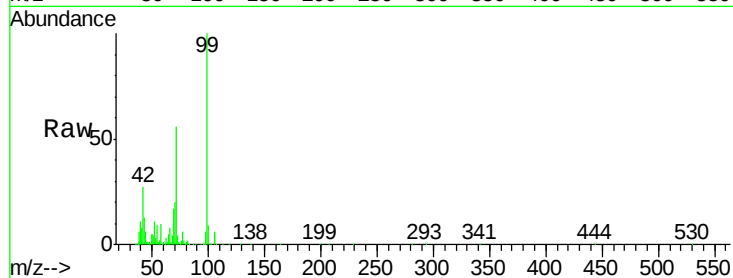
Tgt Ion: 77 Resp: 21692

Ion Ratio Lower Upper

77 100

105 95.6 60.9 100.9

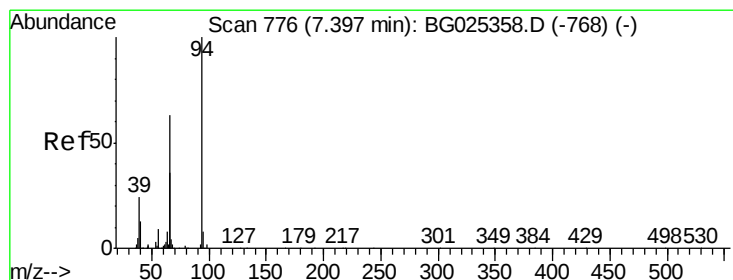
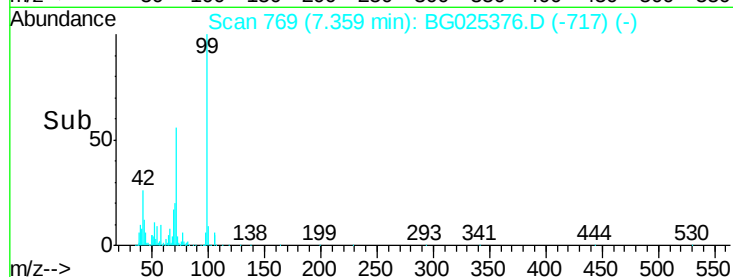
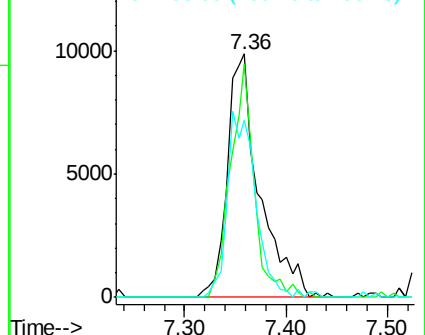
106 72.8 55.1 95.1



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: 43.15 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

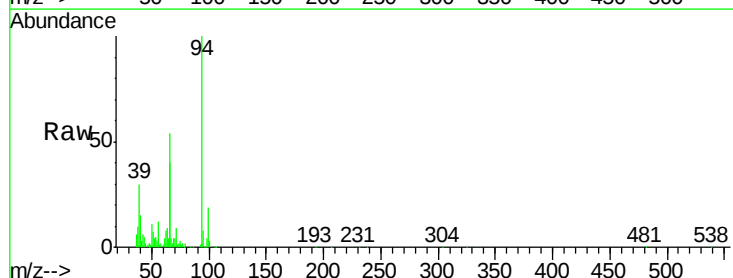
Tgt Ion: 94 Resp: 170882

Ion Ratio Lower Upper

94 100

65 39.7 20.6 60.6

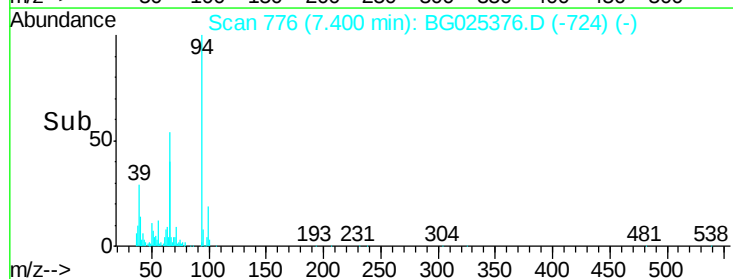
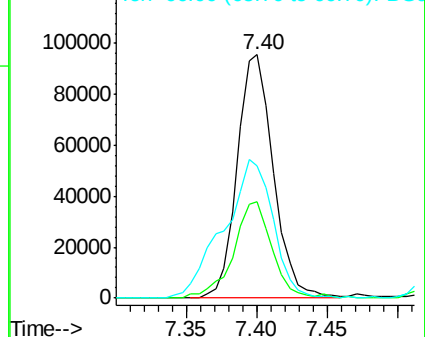
66 54.3 35.5 75.5

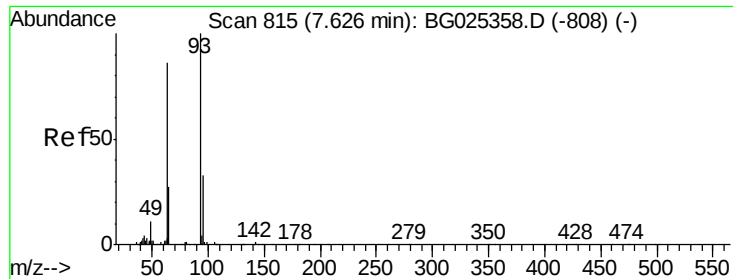


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

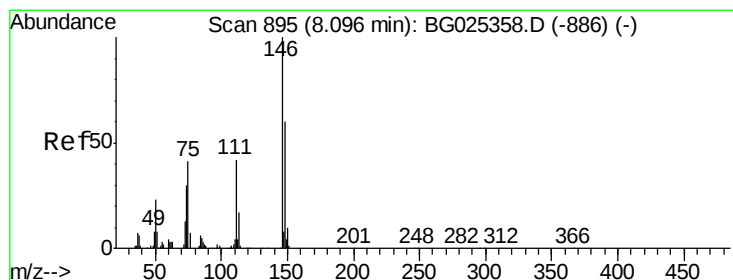
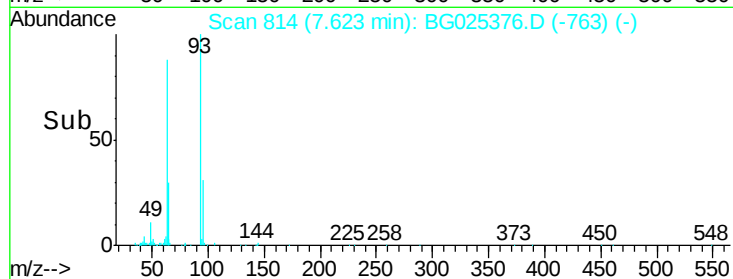
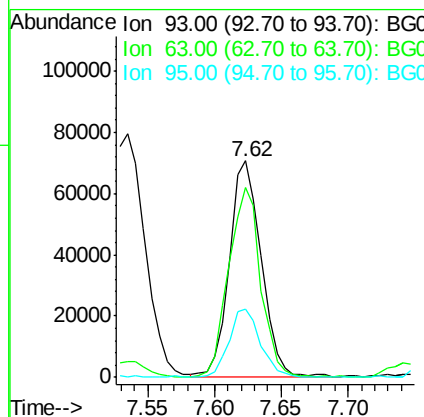
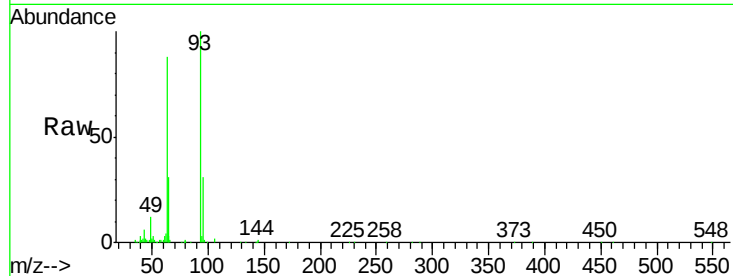




#11
bis(2-Chloroethyl)ether
Concen: 38.58 ng
RT: 7.62 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

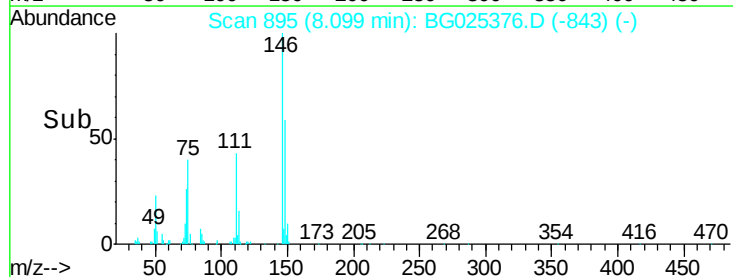
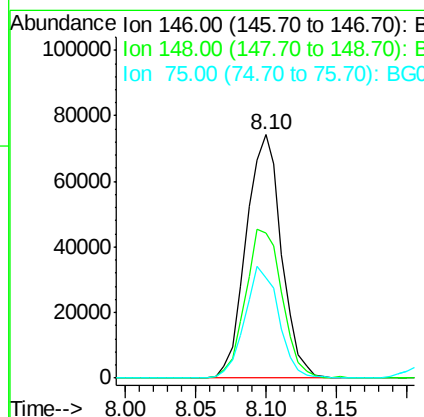
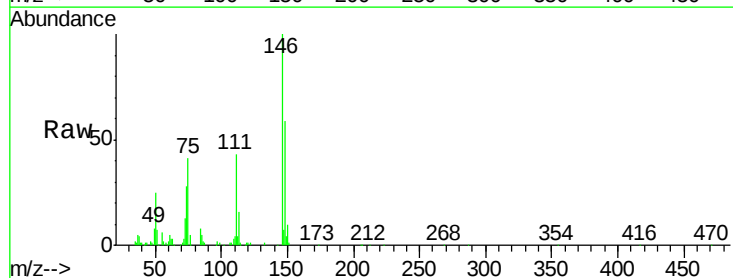
Instrument :
BNA_G
ClientSampleId :
PB95526BS

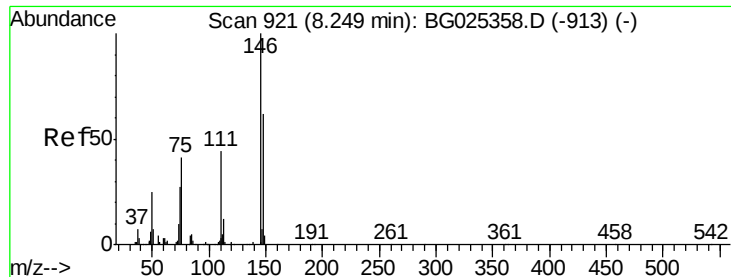
Tgt Ion: 93 Resp: 117717
Ion Ratio Lower Upper
93 100
63 87.7 78.5 118.5
95 31.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 37.64 ng
RT: 8.10 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion: 146 Resp: 130343
Ion Ratio Lower Upper
146 100
148 59.4 49.2 73.8
75 41.1 33.4 50.2

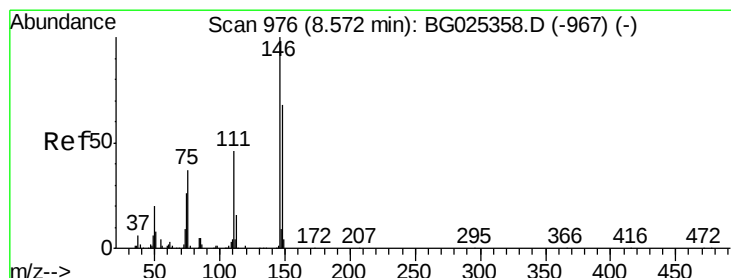
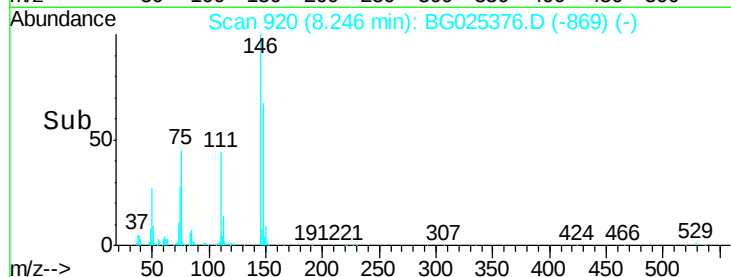
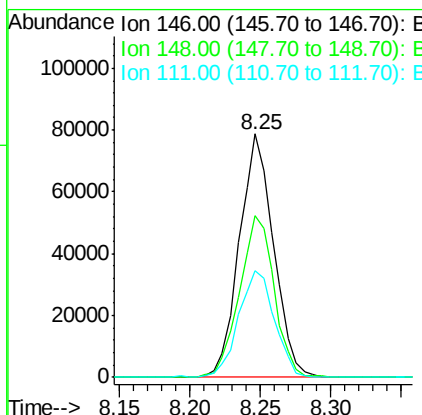
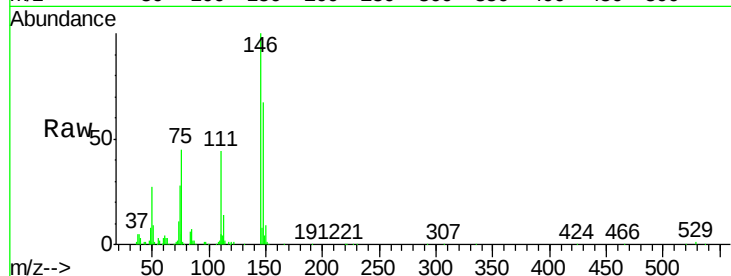




#13
 1,4-Dichlorobenzene
 Concen: 37.19 ng
 RT: 8.25 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

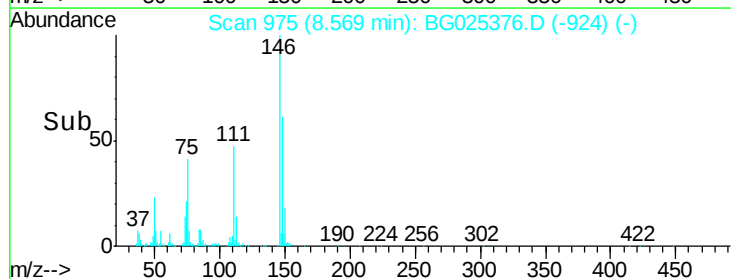
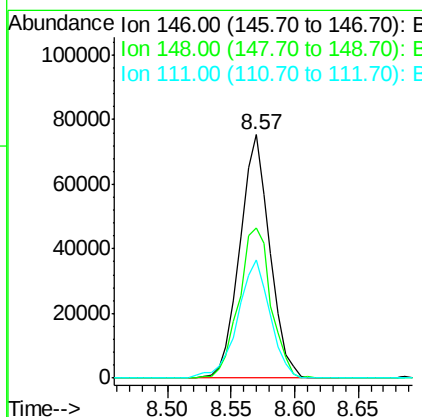
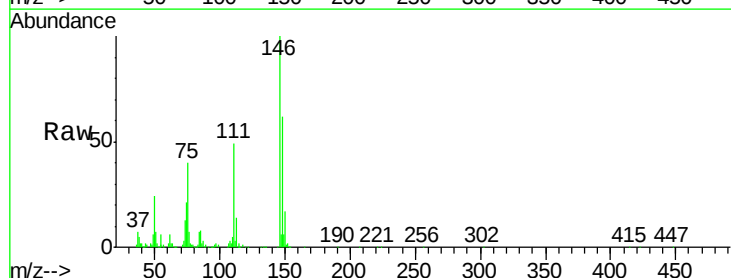
Instrument :
 BNA_G
 ClientSampleId :
 PB95526BS

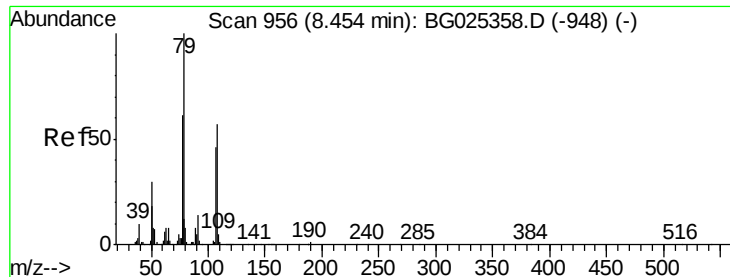
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.2	78.2
111	43.9	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 36.04 ng
 RT: 8.57 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	54.6	81.8
111	48.5	39.7	59.5





#15

Benzyl Alcohol

Concen: 41.12 ng

RT: 8.46 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

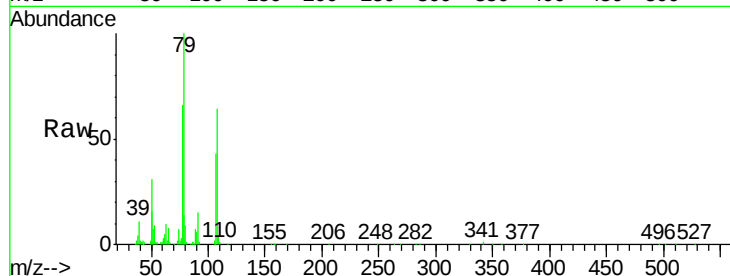
Tgt Ion: 79 Resp: 140223

Ion Ratio Lower Upper

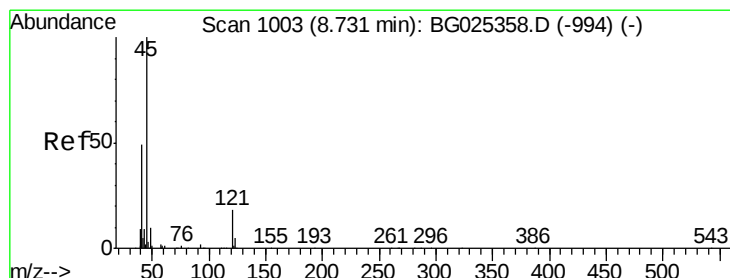
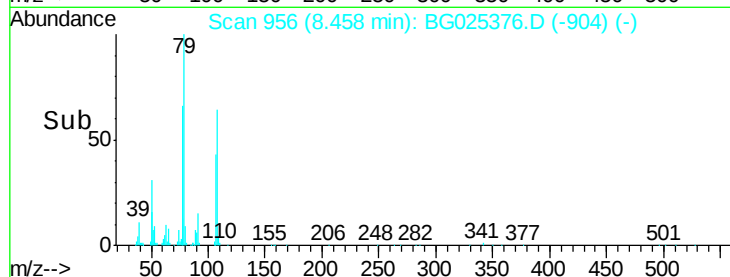
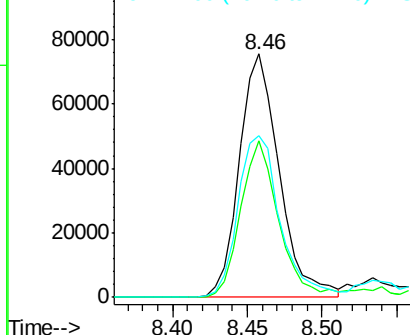
79 100

108 64.2 45.5 68.3

77 66.4 54.3 81.5



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: 36.91 ng

RT: 8.74 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

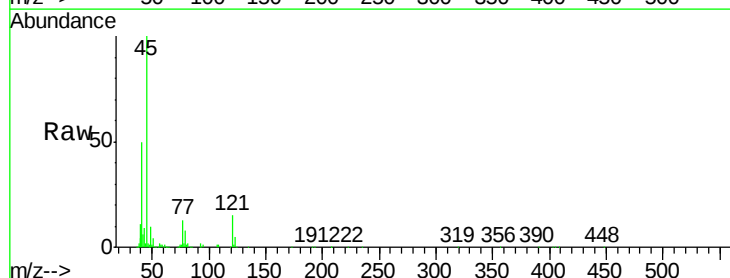
Tgt Ion: 45 Resp: 208544

Ion Ratio Lower Upper

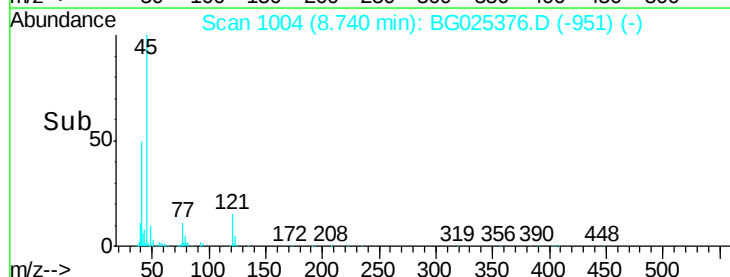
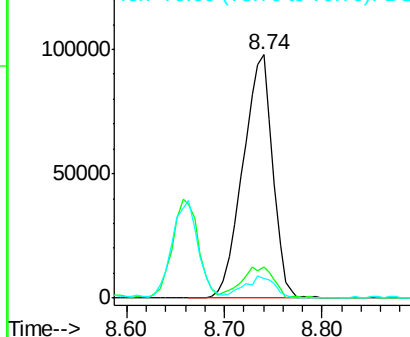
45 100

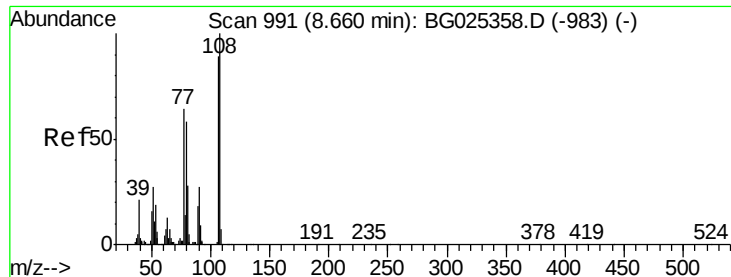
77 12.6 0.0 30.6

79 8.3 0.0 28.5



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: 44.28 ng

RT: 8.66 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

Tgt Ion:107 Resp: 115140

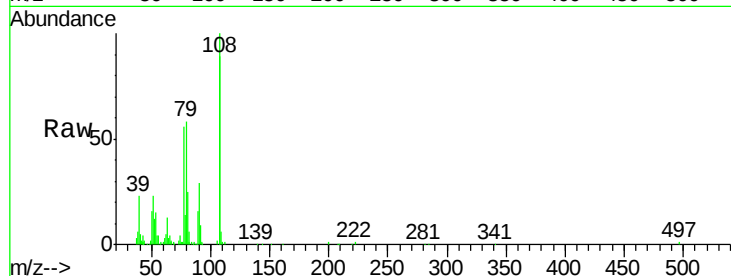
Ion Ratio Lower Upper

107 100

108 112.7 85.6 128.4

77 62.8 51.4 77.2

79 65.1 49.2 73.8

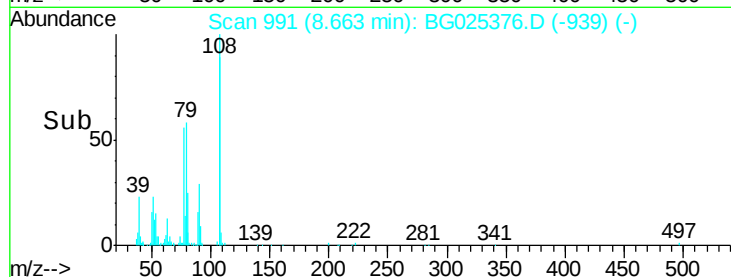


Abundance Ion 107.00 (106.70 to 107.70): E

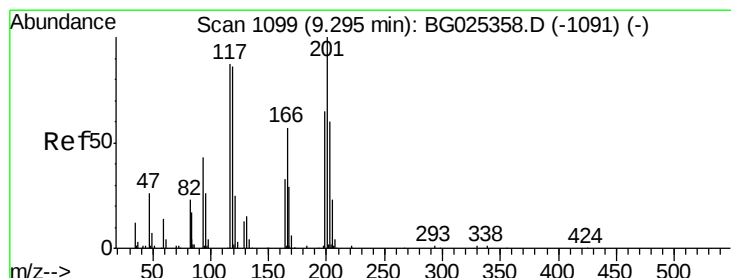
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 36.46 ng

RT: 9.30 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

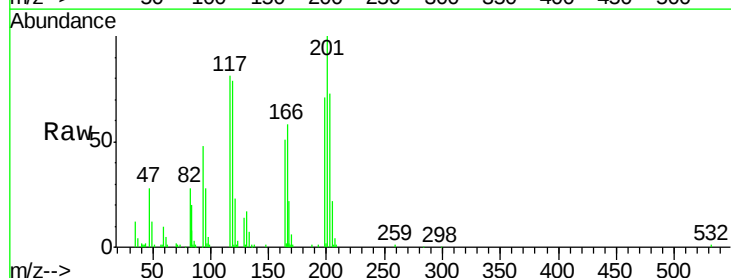
Tgt Ion:117 Resp: 50249

Ion Ratio Lower Upper

117 100

119 98.2 69.8 104.6

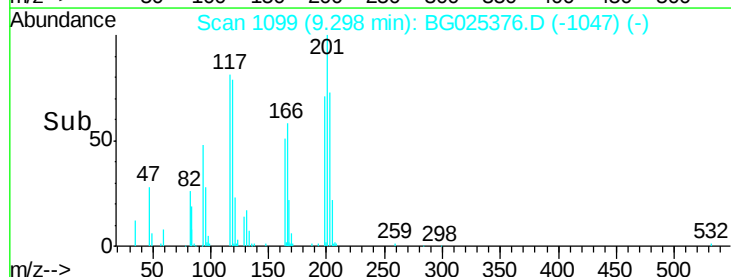
201 124.1 95.4 143.0



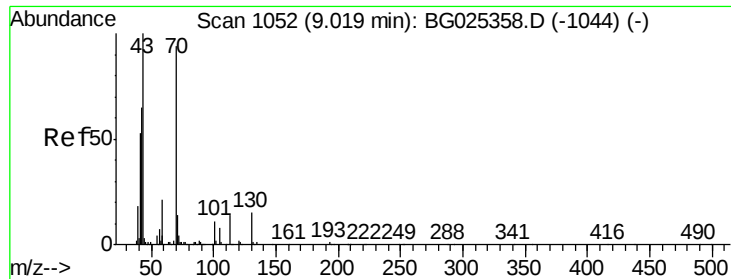
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



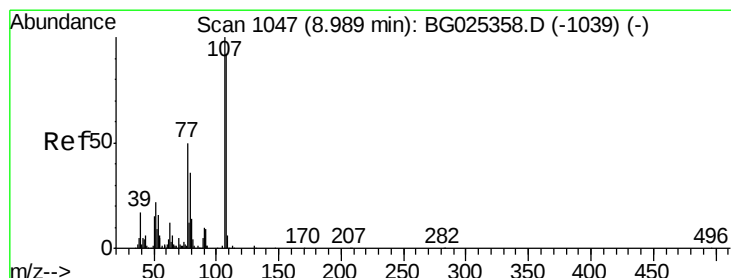
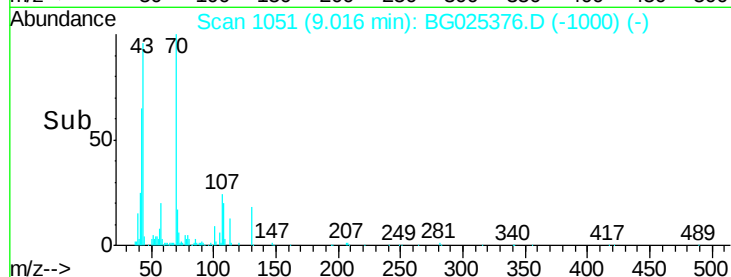
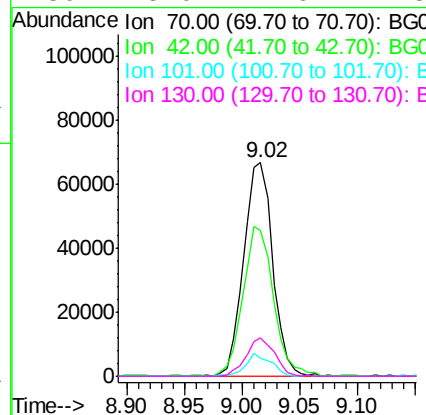
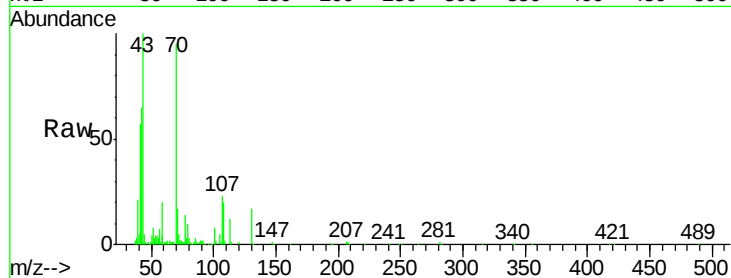
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.67 ng
RT: 9.02 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

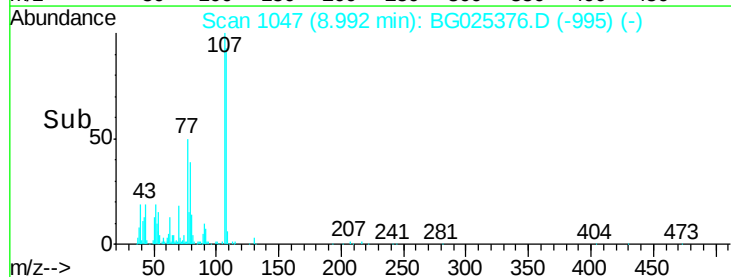
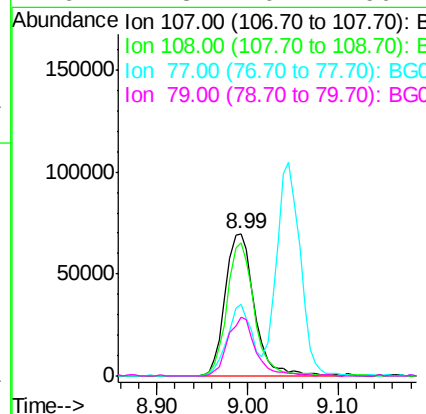
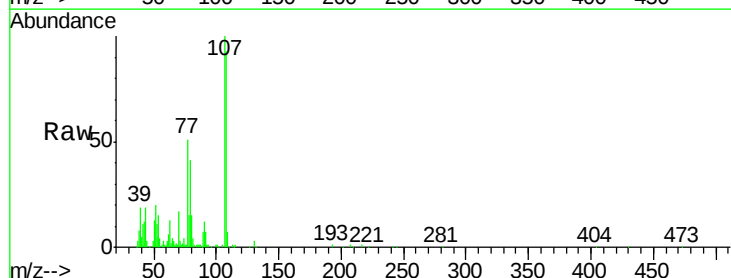
Instrument :
BNA_G
ClientSampleId :
PB95526BS

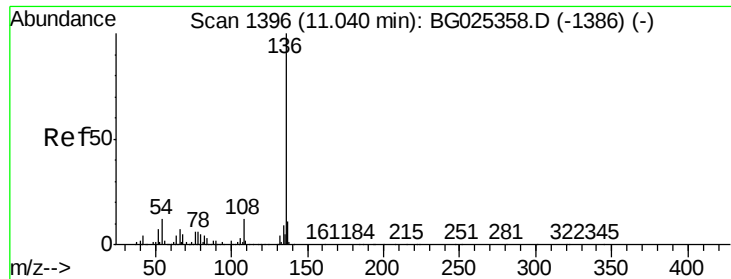
Tgt Ion:	70	Resp:	11682
Ion	Ratio	Lower	Upper
70	100		
42	68.1	56.1	84.1
101	8.5	7.5	11.3
130	18.0	14.6	21.8



#20
3+4-Methylphenols
Concen: 43.49 ng
RT: 8.99 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion:	107	Resp:	156536
Ion	Ratio	Lower	Upper
107	100		
108	93.4	70.8	110.8
77	50.8	25.8	65.8
79	41.3	20.1	60.1

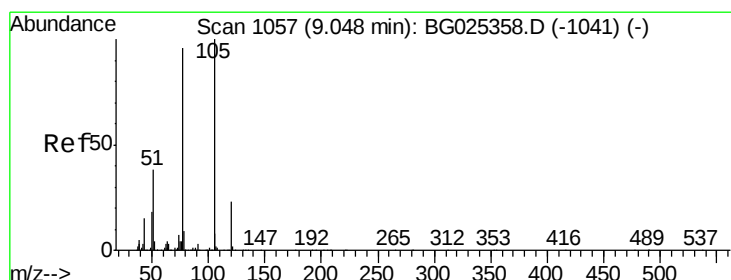
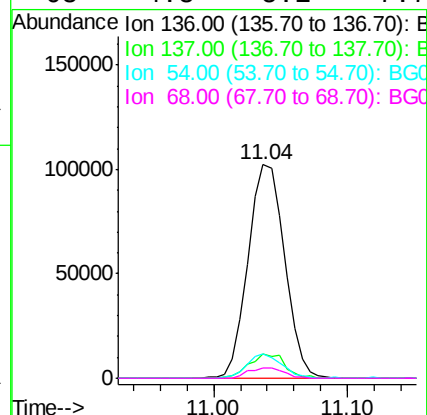
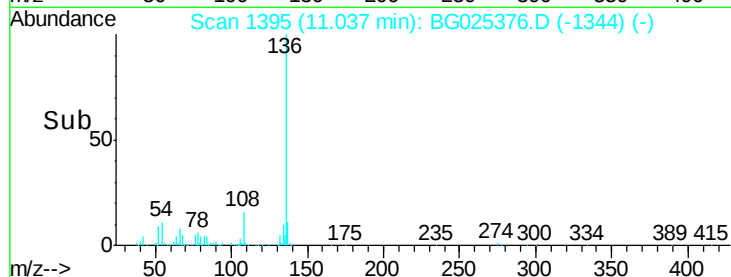
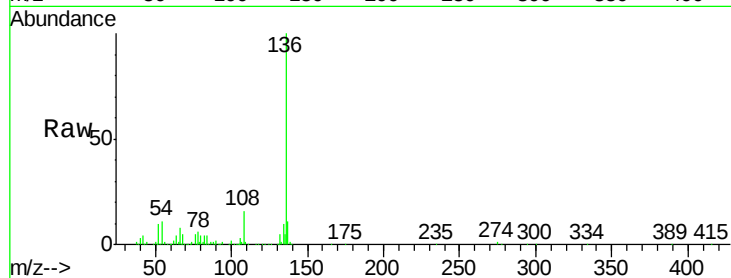




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

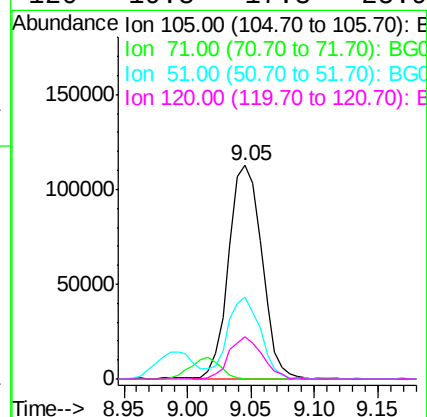
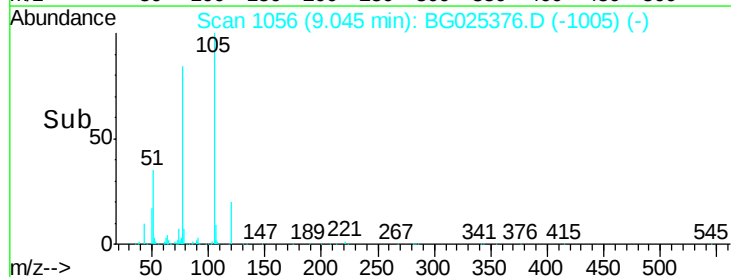
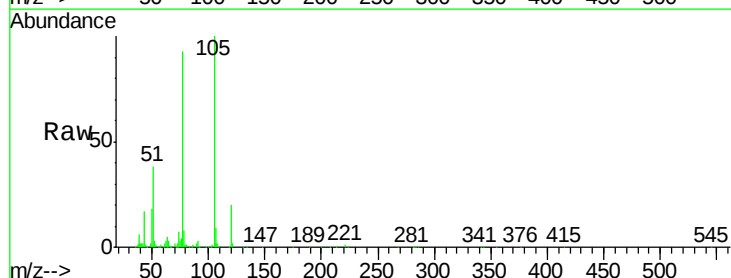
Instrument :
BNA_G
ClientSampleId :
PB95526BS

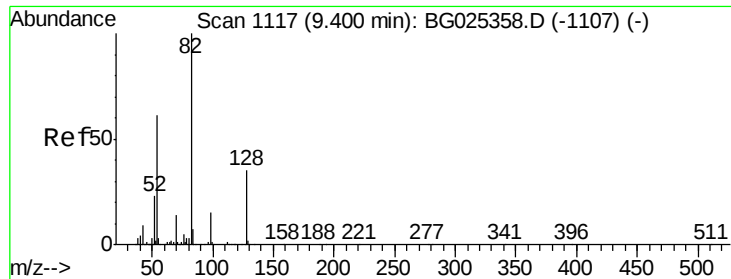
Tgt Ion:	136	Resp:	193423
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	11.5	9.3	13.9
68	4.8	5.1	7.7#



#22
Acetophenone
Concen: 38.14 ng
RT: 9.05 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion:	105	Resp:	204955
Ion Ratio	Lower	Upper	
105	100		
71	0.3	0.9	1.3#
51	38.2	34.0	51.0
120	19.8	17.3	25.9

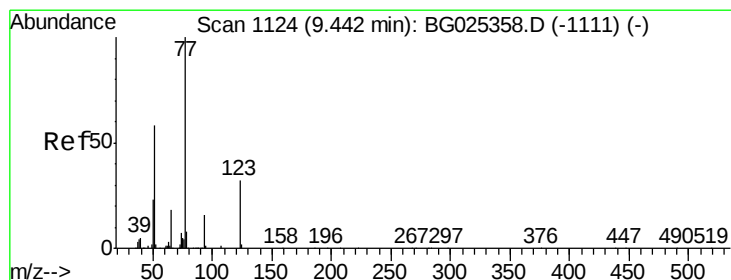
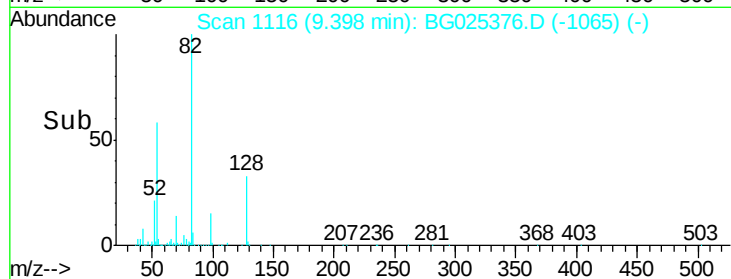
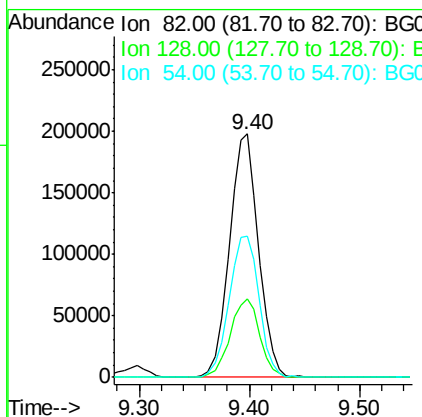
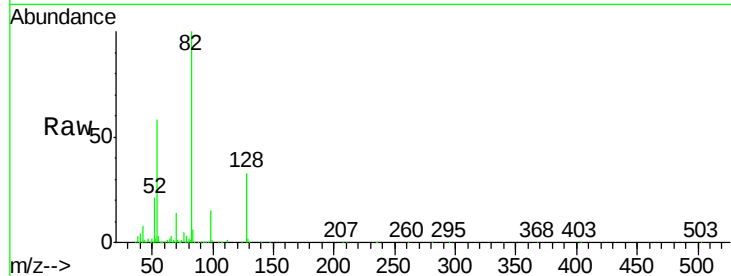




#23
 Nitrobenzene-d5
 Concen: 83.04 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

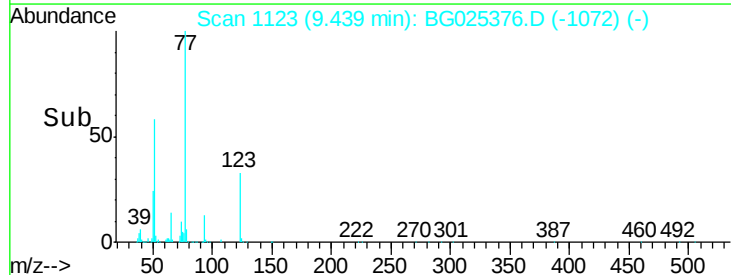
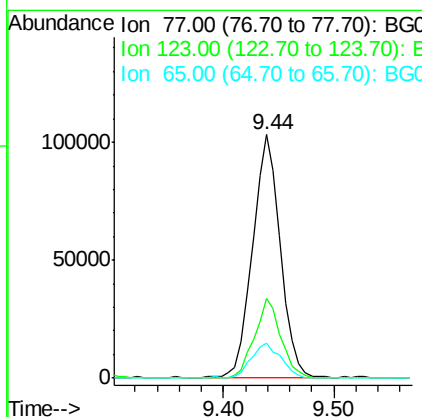
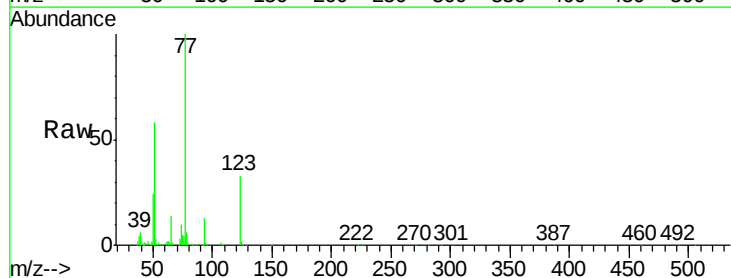
Instrument :
 BNA_G
 ClientSampleId :
 PB95526BS

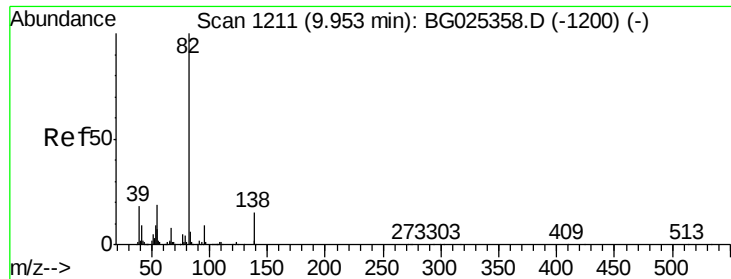
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.5	26.4	39.6
54	58.2	49.4	74.2



#24
 Nitrobenzene
 Concen: 37.64 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.0	26.1	39.1
65	14.2	12.4	18.6

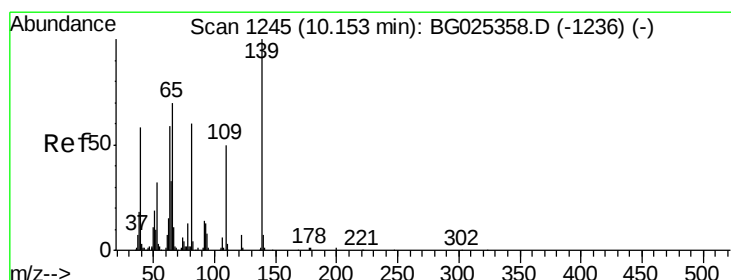
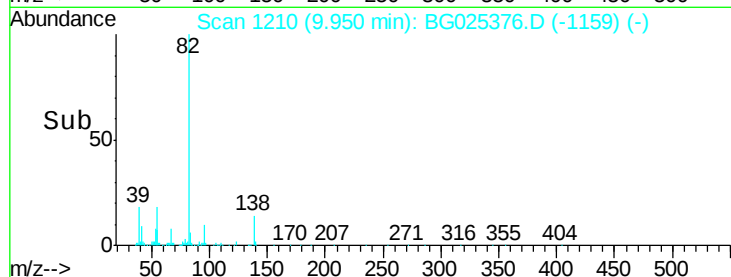
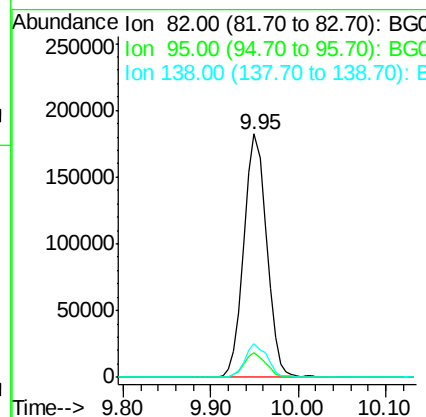
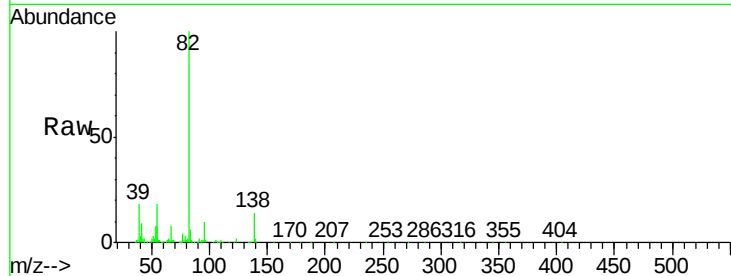




#25
Isophorone
Concen: 40.30 ng
RT: 9.95 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

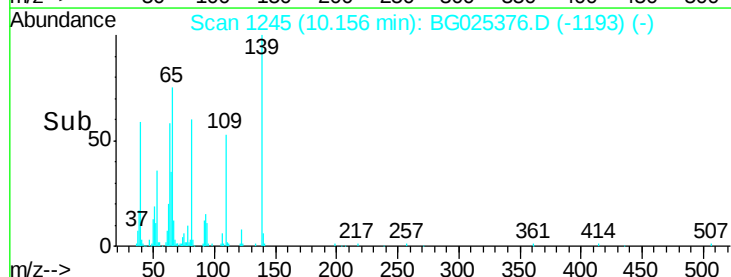
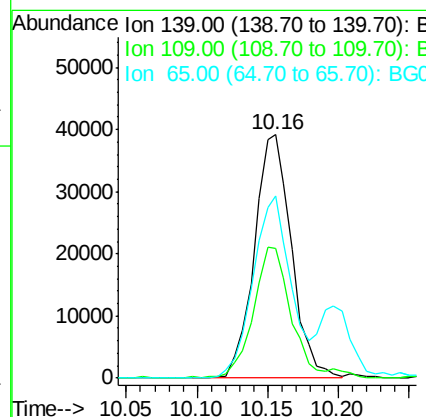
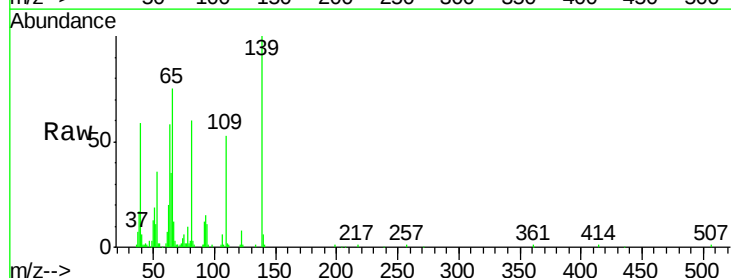
Instrument :
BNA_G
ClientSampleId :
PB95526BS

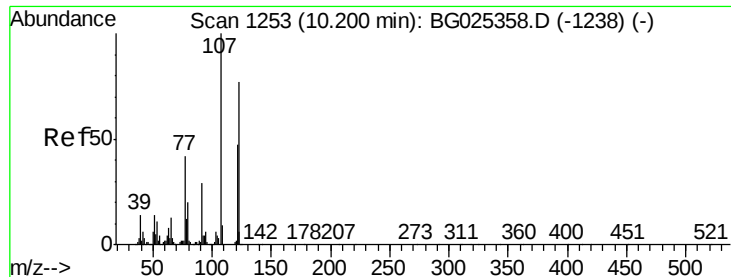
Tgt Ion: 82 Resp: 319489
Ion Ratio Lower Upper
82 100
95 9.9 7.5 11.3
138 14.0 12.3 18.5



#26
2-Nitrophenol
Concen: 39.20 ng
RT: 10.16 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion: 139 Resp: 72004
Ion Ratio Lower Upper
139 100
109 53.2 38.6 58.0
65 74.8 57.1 85.7

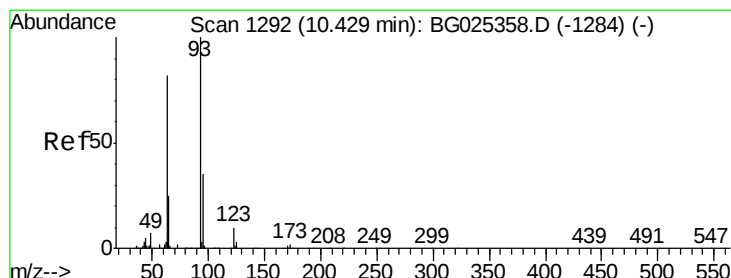
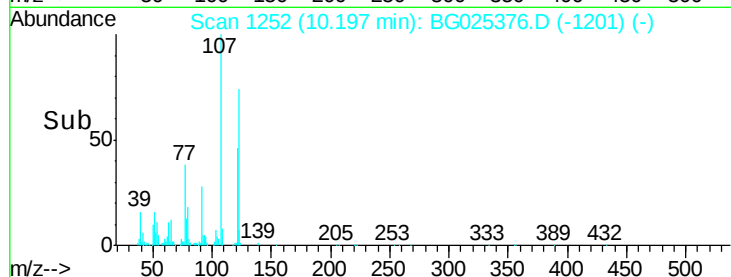
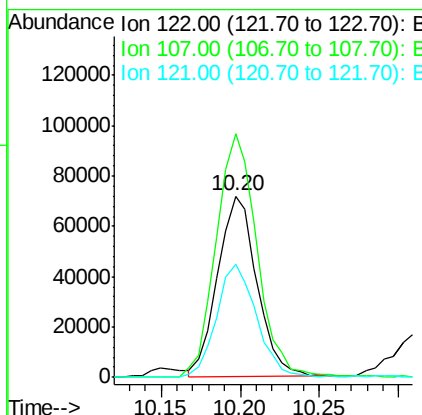
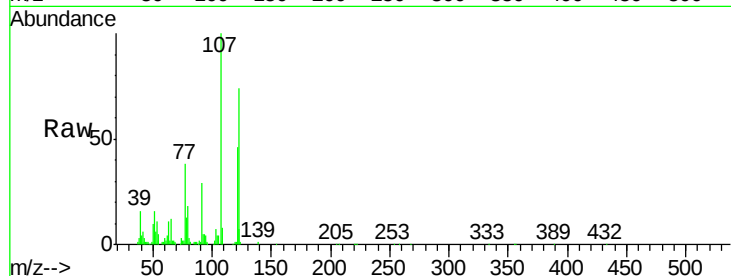




#27
2,4-Dimethylphenol
Concen: 40.69 ng
RT: 10.20 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

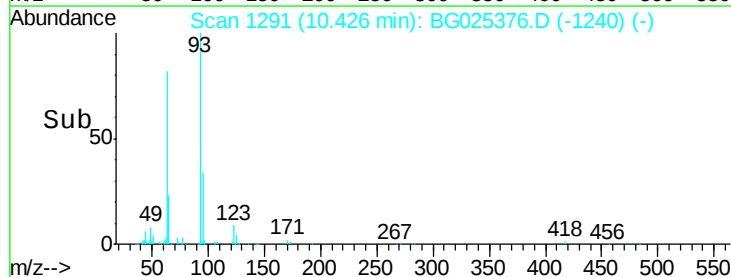
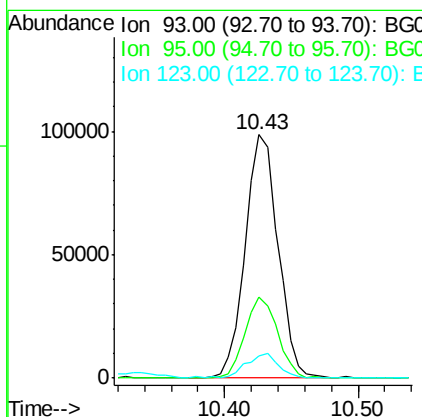
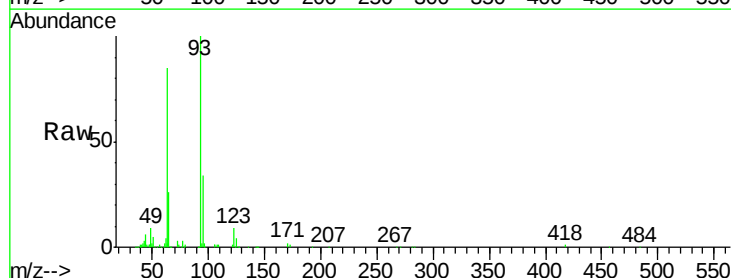
Instrument :
BNA_G
ClientSampleId :
PB95526BS

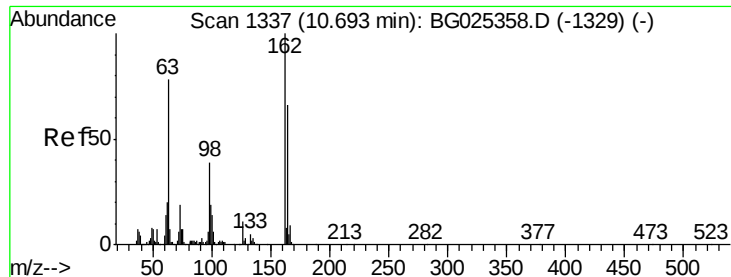
Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.4	104.2	156.4
121	62.4	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.59 ng
RT: 10.43 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.7	38.5
123	8.9	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 42.95 ng

RT: 10.70 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

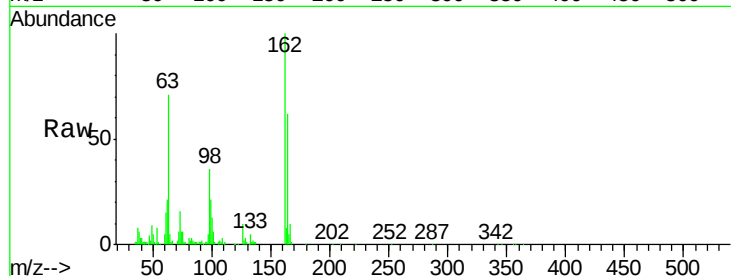
Tgt Ion:162 Resp: 138773

Ion Ratio Lower Upper

162 100

164 61.8 42.4 82.4

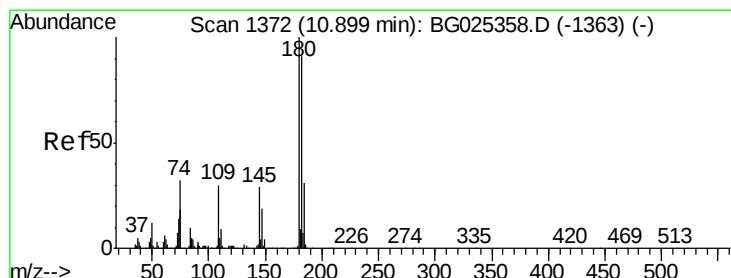
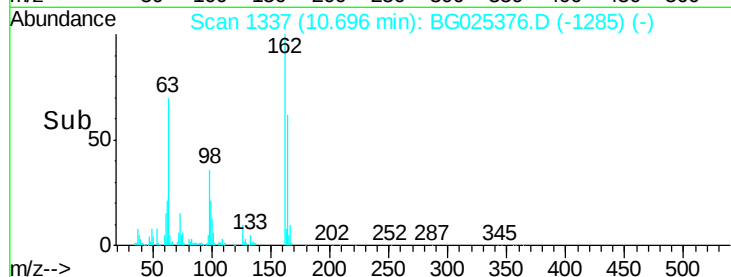
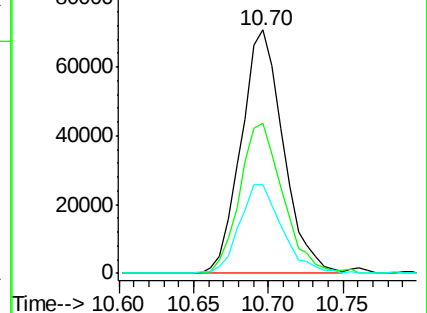
98 36.3 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.83 ng

RT: 10.90 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

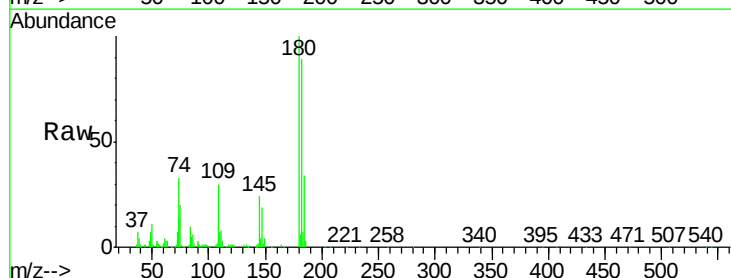
Tgt Ion:180 Resp: 147662

Ion Ratio Lower Upper

180 100

182 88.9 77.0 115.4

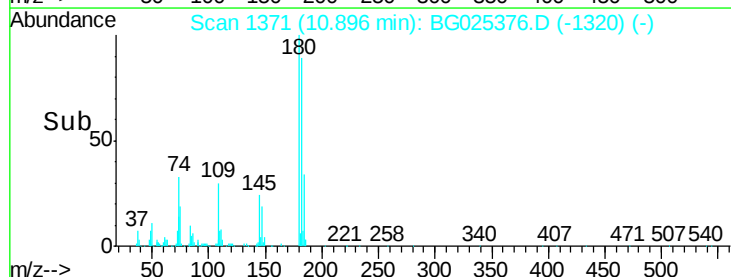
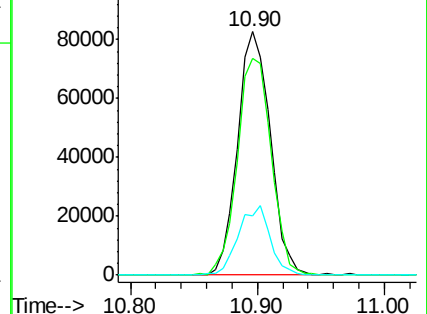
145 24.5 23.4 35.0

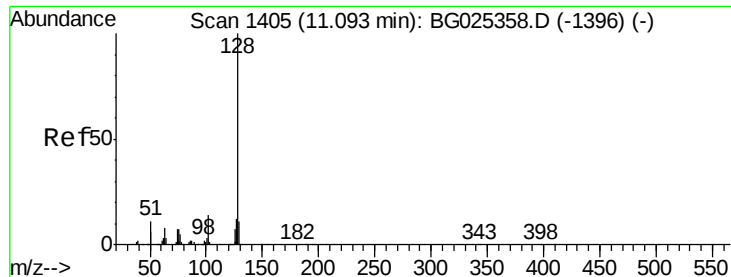


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

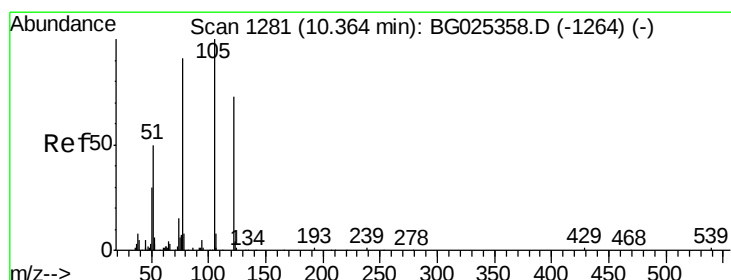
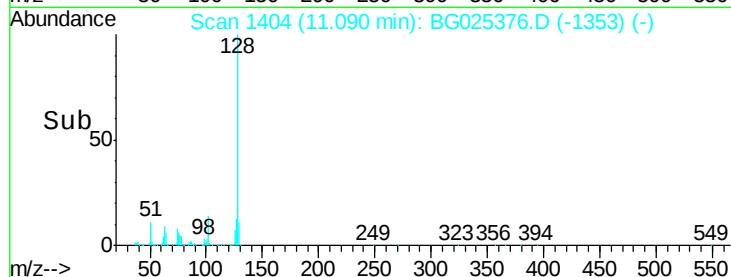
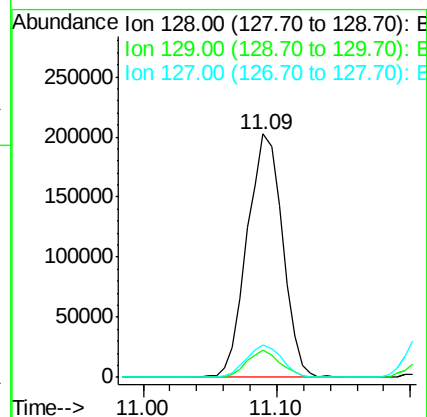
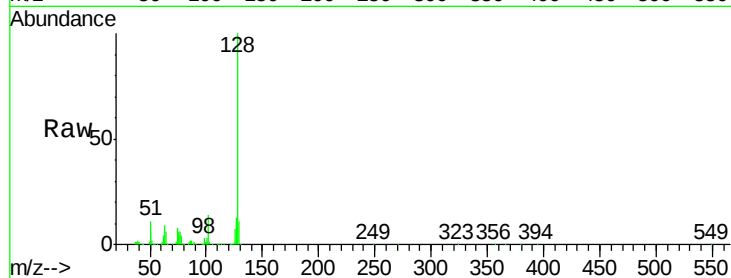




#31
Naphthalene
Concen: 38.36 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

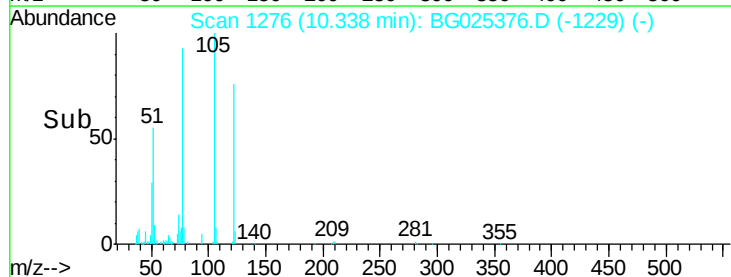
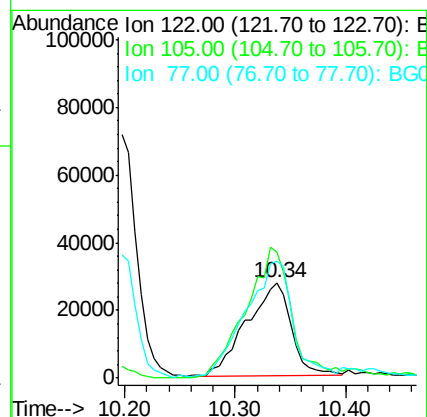
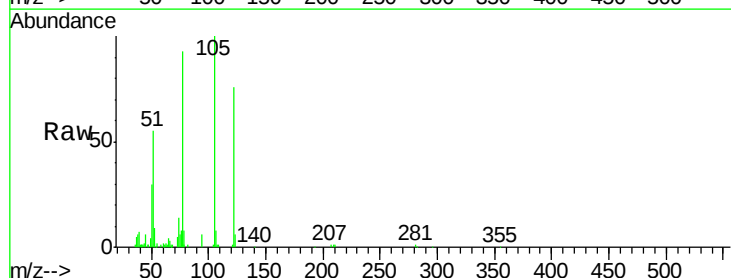
Instrument :
BNA_G
ClientSampleId :
PB95526BS

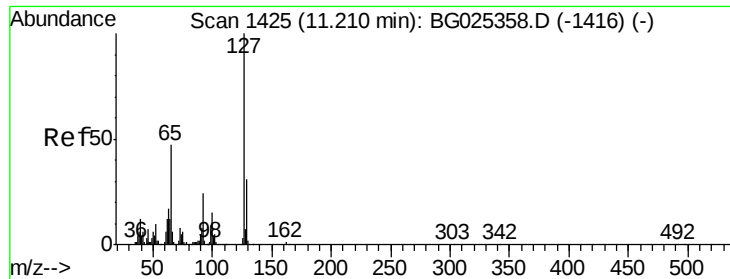
Tgt Ion:128 Resp: 370551
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.2 11.4 17.0



#32
Benzoic acid
Concen: 32.14 ng
RT: 10.34 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion:122 Resp: 78045
Ion Ratio Lower Upper
122 100
105 131.5 120.1 160.1
77 122.4 104.6 144.6

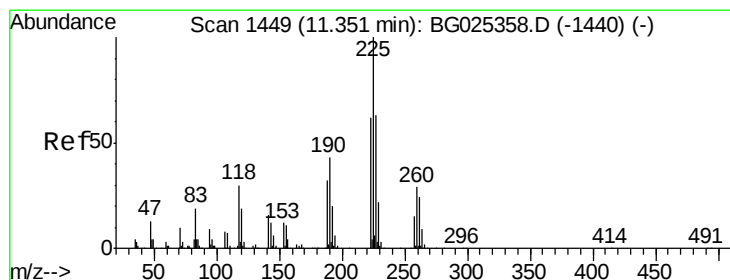
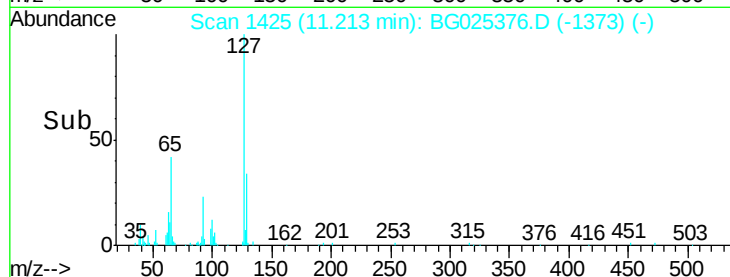
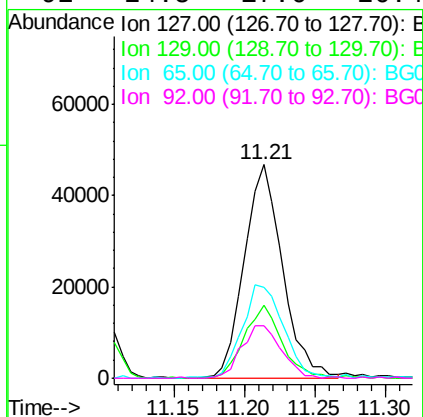
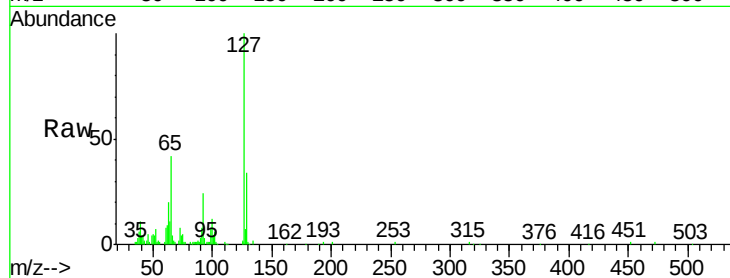




#33
4-Chloroaniline
Concen: 21.91 ng
RT: 11.21 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

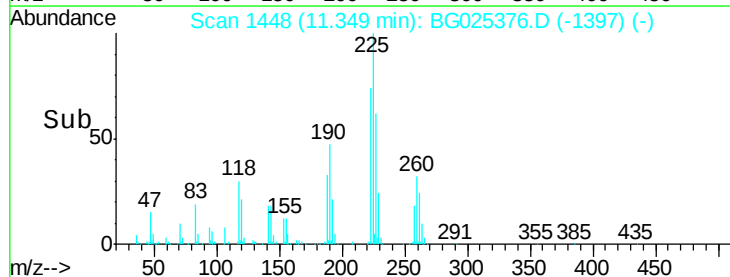
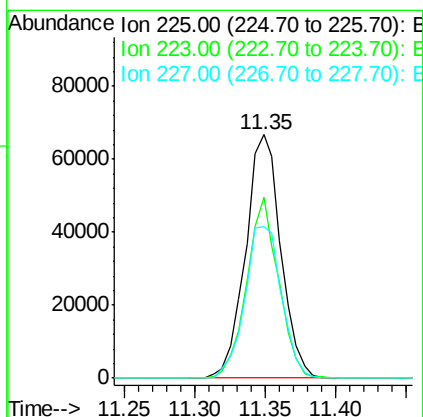
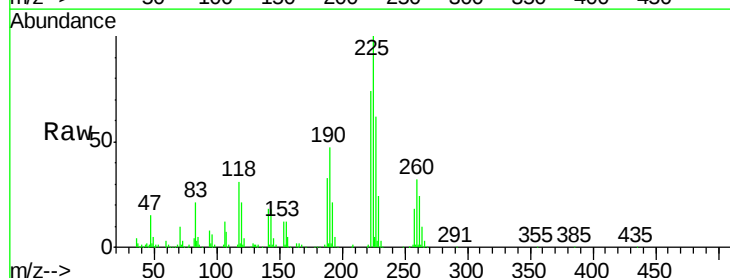
Instrument :
BNA_G
ClientSampleId :
PB95526BS

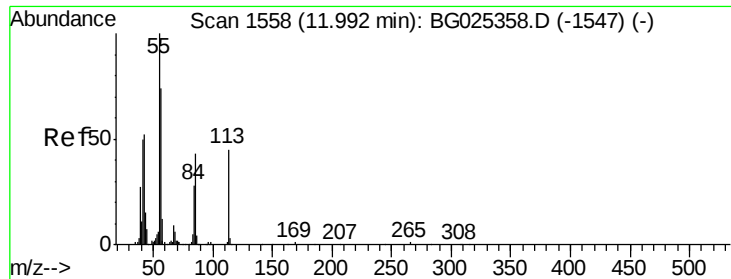
Tgt Ion:	127	Resp:	89005
Ion Ratio		Lower	Upper
127	100		
129	34.3	23.6	35.4
65	42.3	37.7	56.5
92	24.5	17.6	26.4



#34
Hexachlorobutadiene
Concen: 36.60 ng
RT: 11.35 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion:	225	Resp:	116627
Ion Ratio		Lower	Upper
225	100		
223	74.2	50.7	76.1
227	62.0	49.0	73.6





#35

Caprolactam

Concen: 15.13 ng

RT: 11.98 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

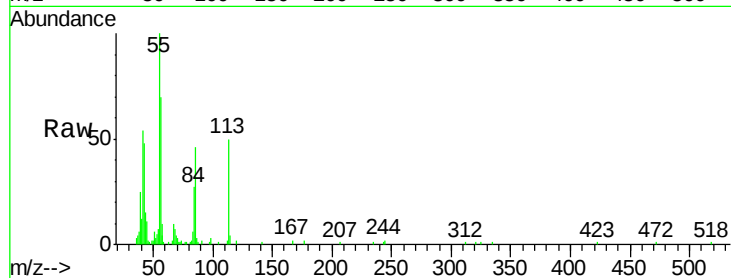
Tgt Ion:113 Resp: 18369

Ion Ratio Lower Upper

113 100

55 200.6 198.6 238.6

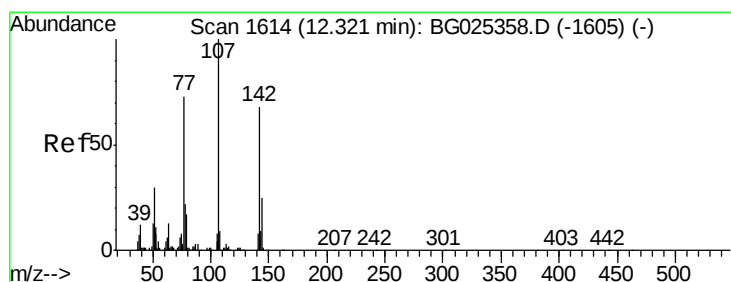
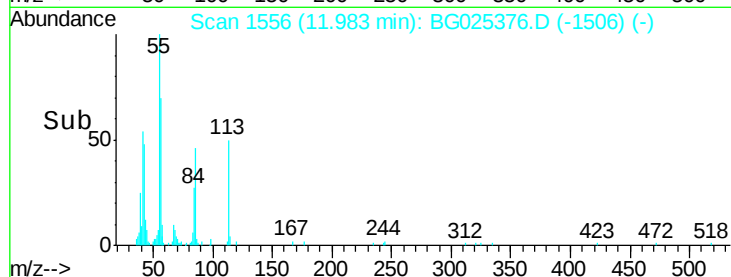
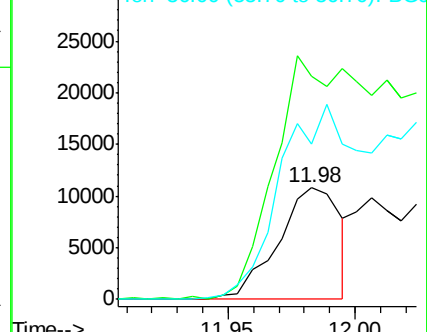
56 139.7 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.09 ng

RT: 12.32 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

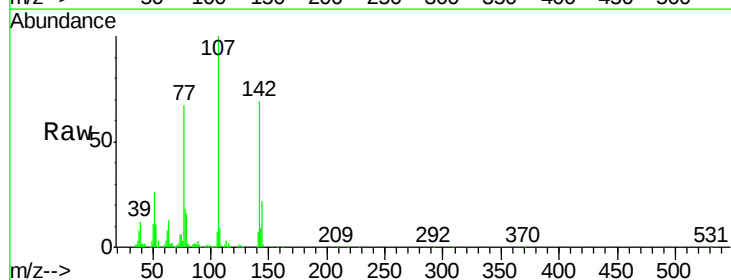
Tgt Ion:107 Resp: 159879

Ion Ratio Lower Upper

107 100

144 21.8 17.4 26.0

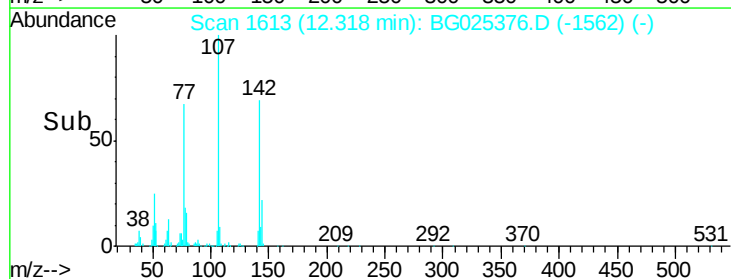
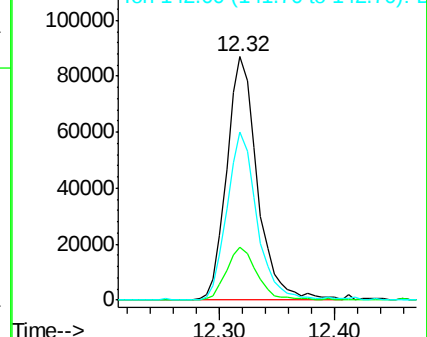
142 69.1 54.1 81.1

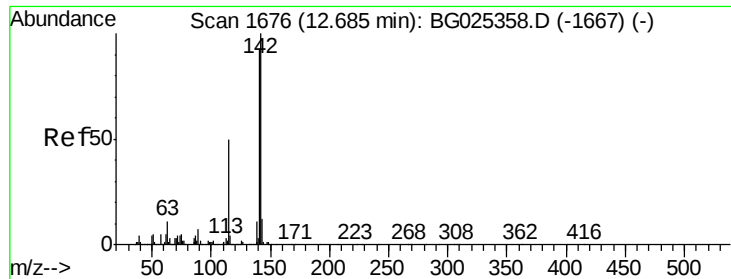


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

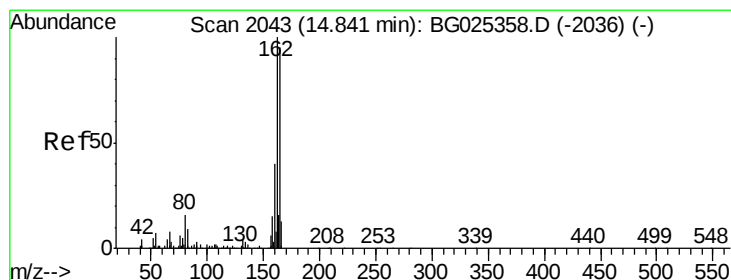
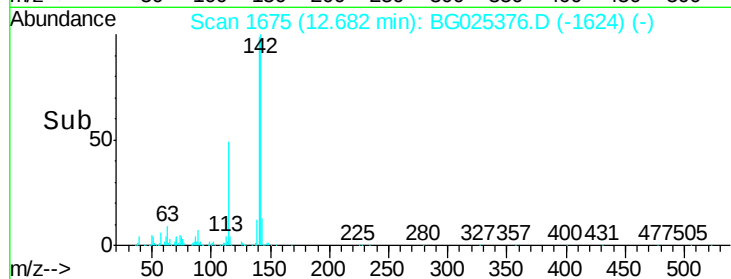
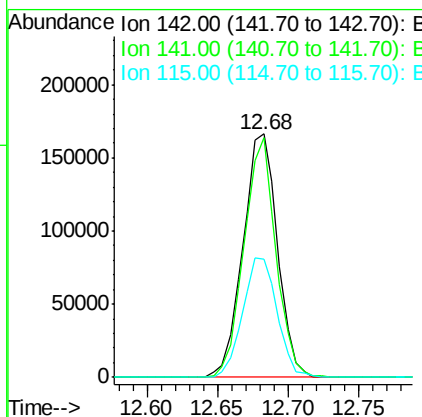
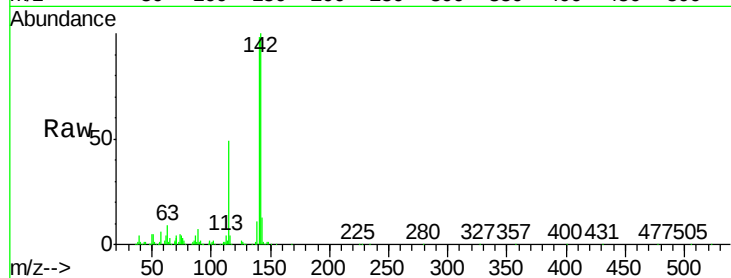




#37
2-Methylnaphthalene
Concen: 39.73 ng
RT: 12.68 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

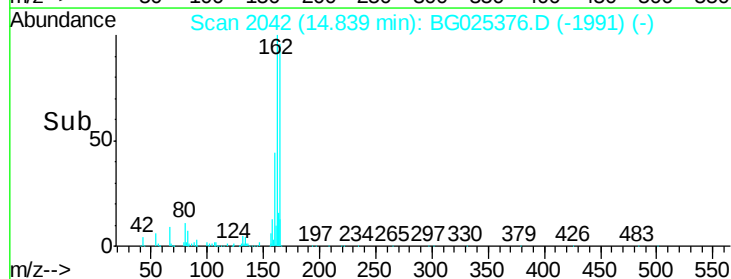
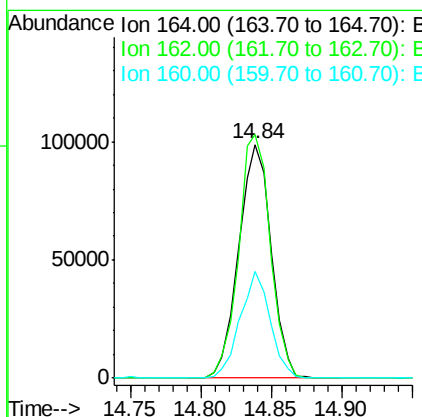
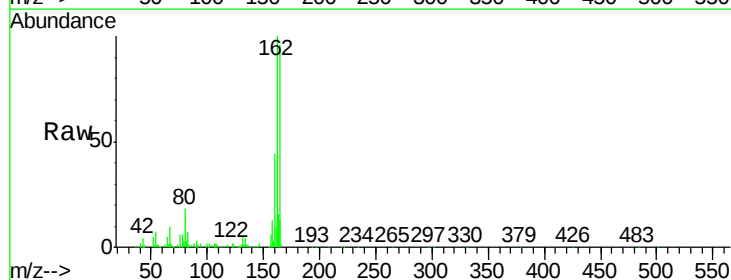
Instrument :
BNA_G
ClientSampleId :
PB95526BS

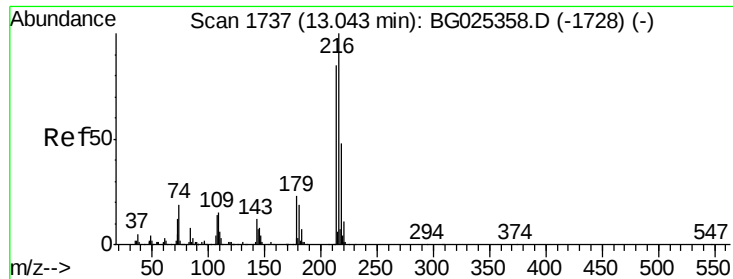
Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.3	70.4	105.6
115	48.5	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.1	127.7
160	45.9	34.7	52.1

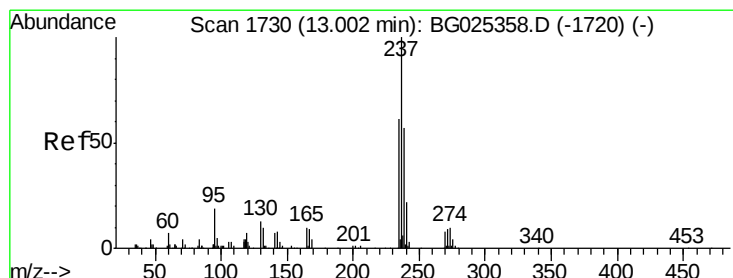
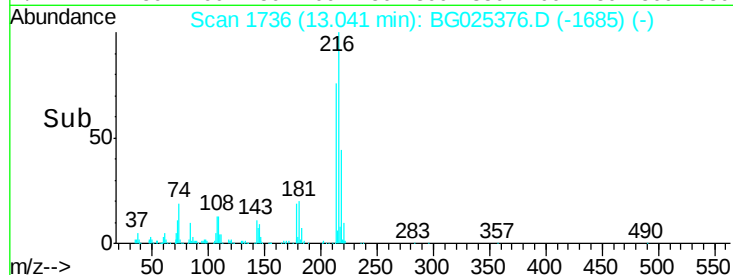
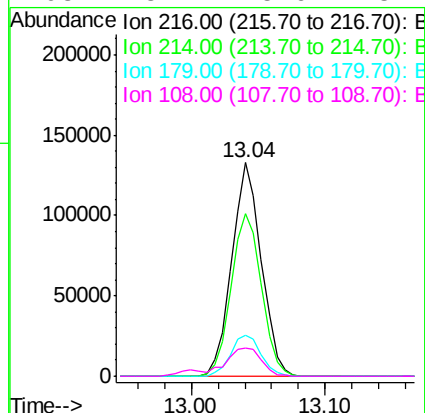
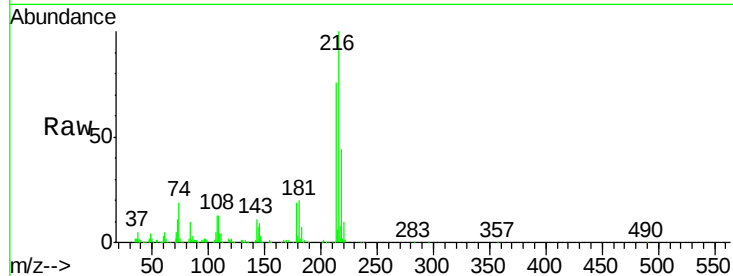




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.06 ng
 RT: 13.04 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

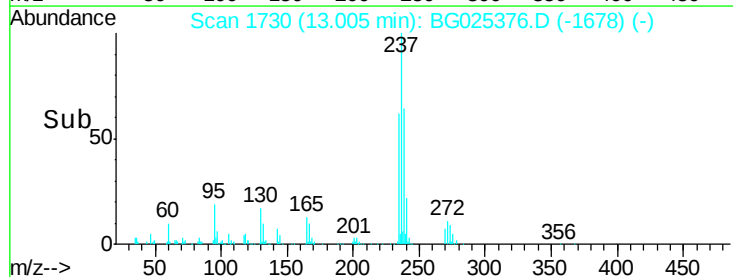
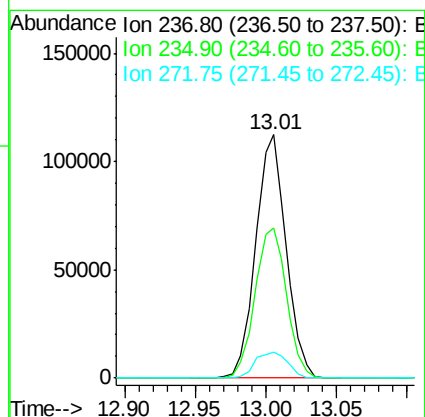
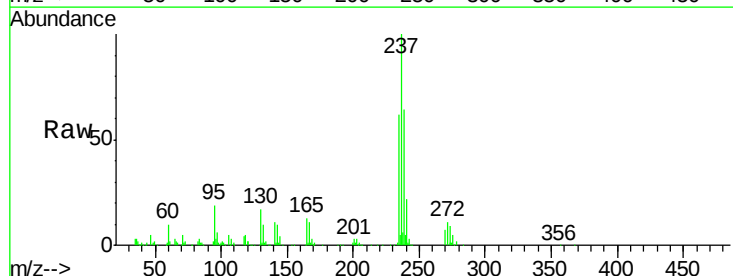
Instrument :
 BNA_G
 ClientSampleId :
 PB95526BS

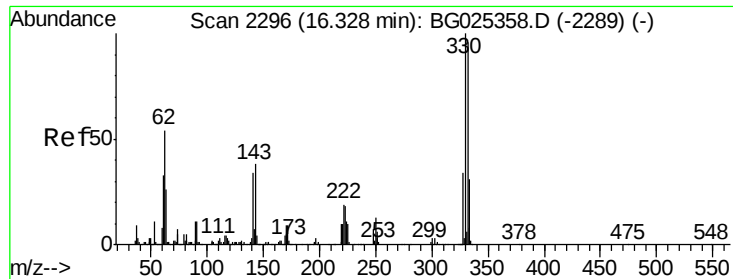
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	64.4	96.6
179	19.9	17.4	26.0
108	15.4	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 87.90 ng
 RT: 13.01 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	39.4	79.4
272	10.9	0.0	32.0

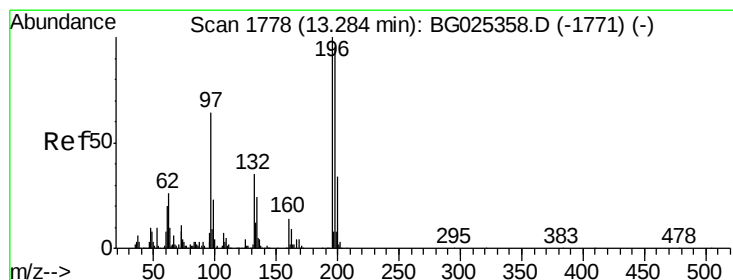
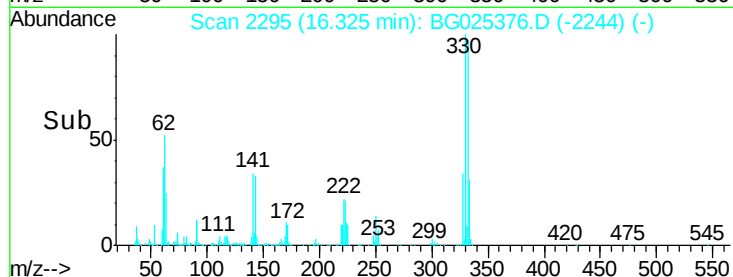
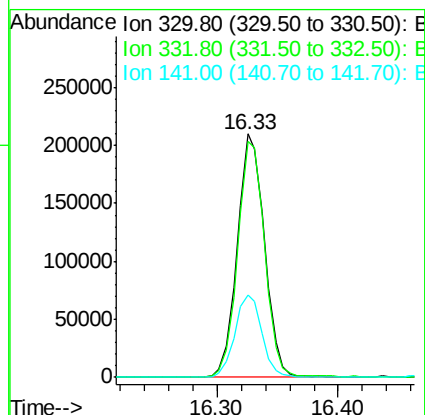
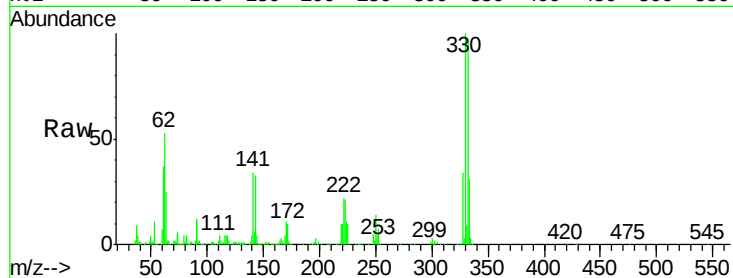




#41
 2,4,6-Tribromophenol
 Concen: 129.11 ng
 RT: 16.33 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

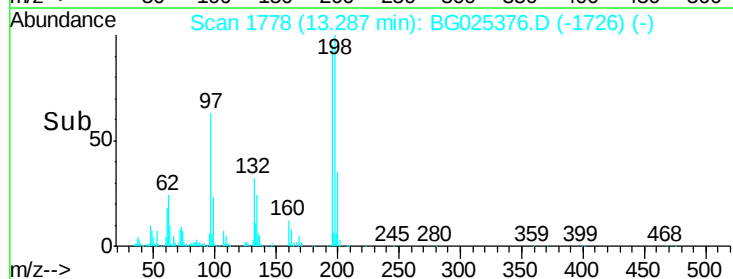
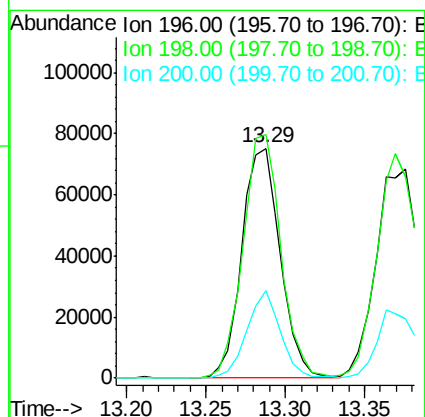
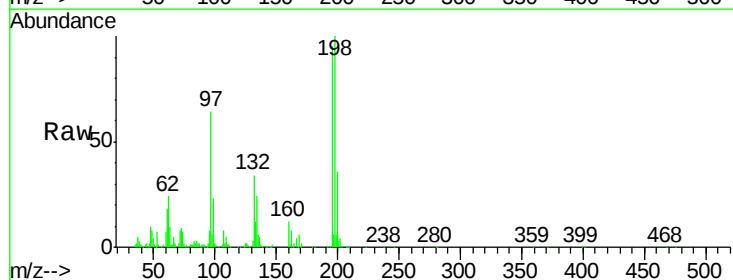
Instrument :
 BNA_G
 ClientSampleId :
 PB95526BS

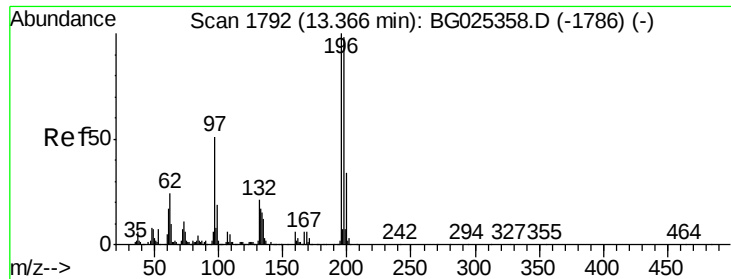
Tgt Ion:330 Resp: 329512
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 33.5 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 38.35 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

Tgt Ion:196 Resp: 126395
 Ion Ratio Lower Upper
 196 100
 198 105.8 81.4 122.2
 200 37.9 27.0 40.6

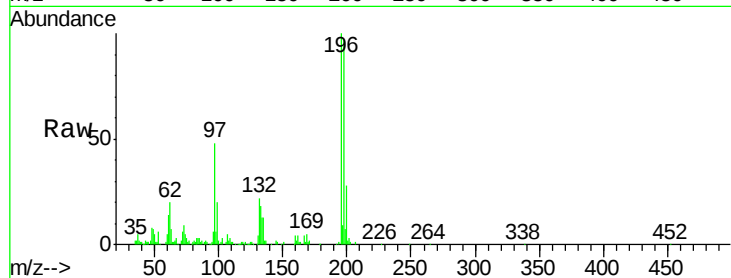




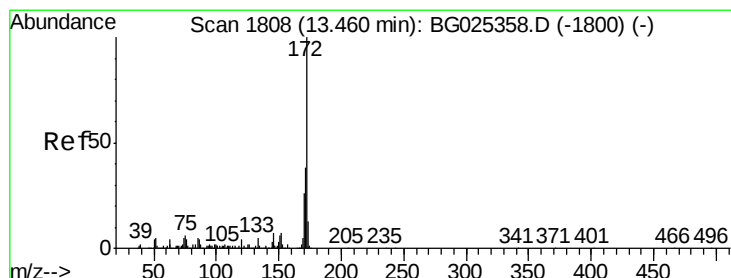
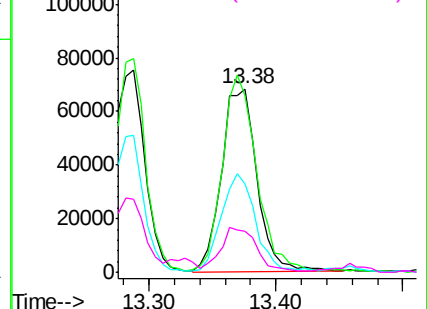
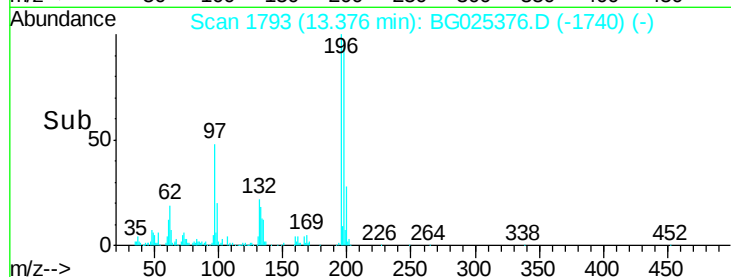
#43
2,4,5-Trichlorophenol
Concen: 38.50 ng
RT: 13.38 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Instrument :
BNA_G
ClientSampleId :
PB95526BS

Tgt Ion	Resp	Lower	Upper
196	132827		
198	96.7	79.9	119.9
97	48.0	45.4	68.0
132	22.4	20.7	31.1

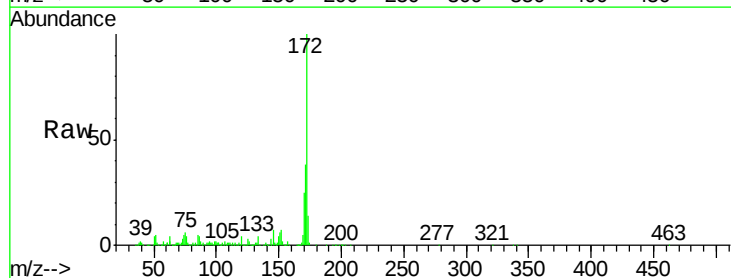


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

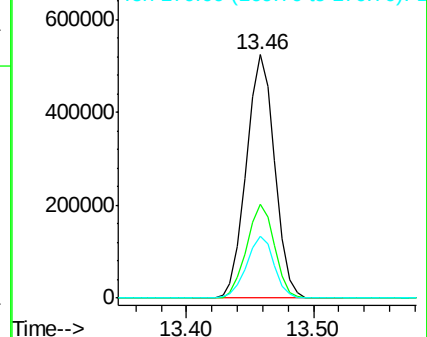
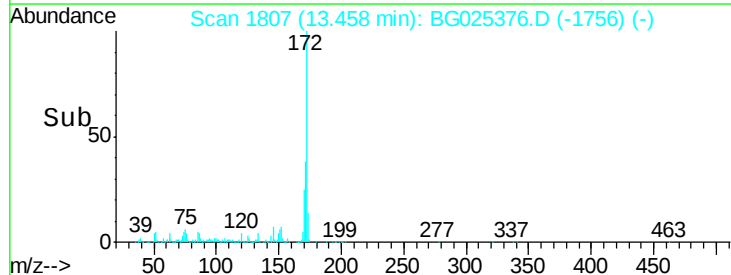


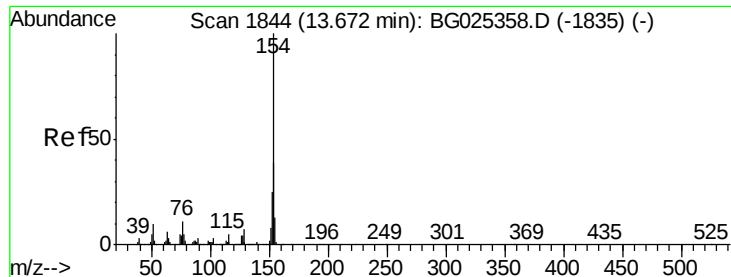
#44
2-Fluorobiphenyl
Concen: 82.94 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion	Resp	Lower	Upper
172	812125		
171	38.4	32.2	48.2
170	25.5	21.8	32.6



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

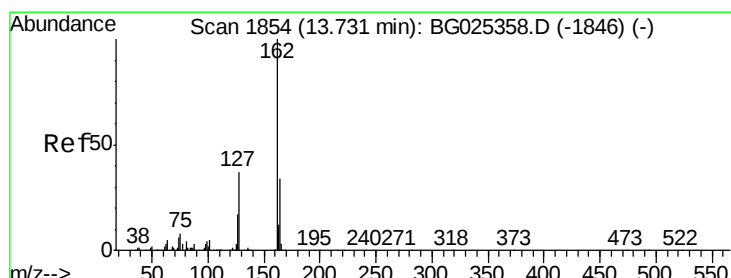
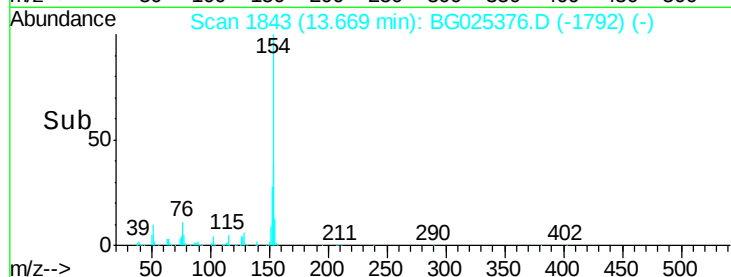
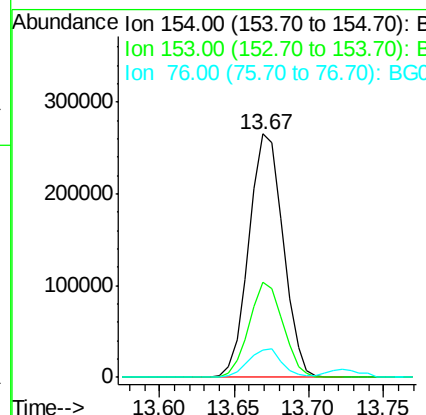
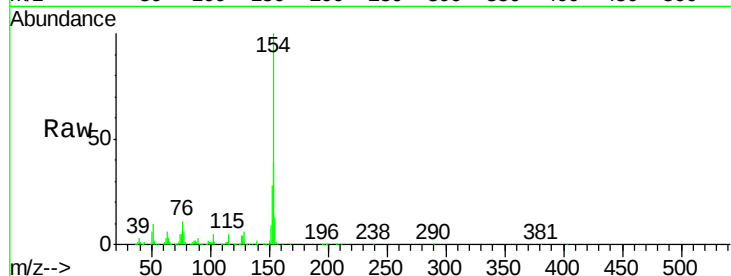




#45
 1,1'-Biphenyl
 Concen: 39.30 ng
 RT: 13.67 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

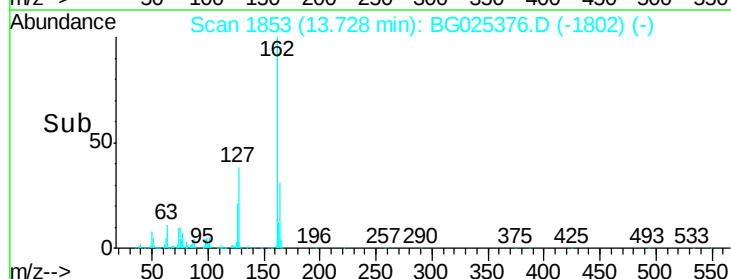
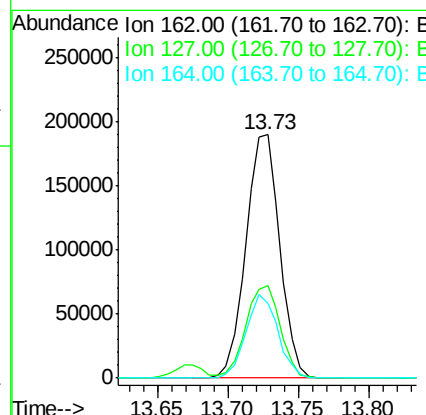
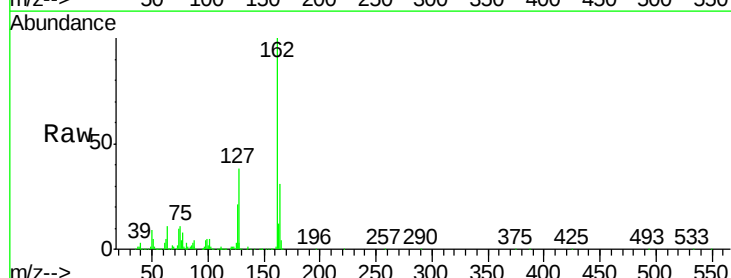
Instrument :
 BNA_G
 ClientSampleId :
 PB95526BS

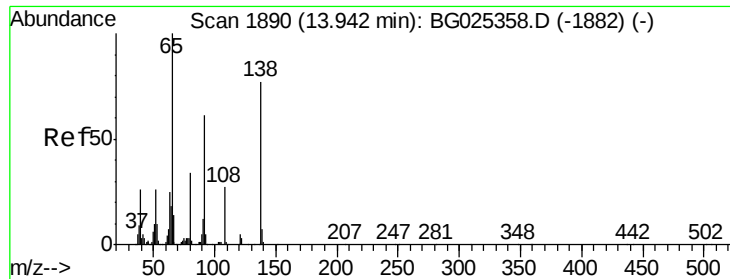
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	23.0	63.0
76	11.4	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 38.30 ng
 RT: 13.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.2	48.4
164	30.7	27.3	40.9

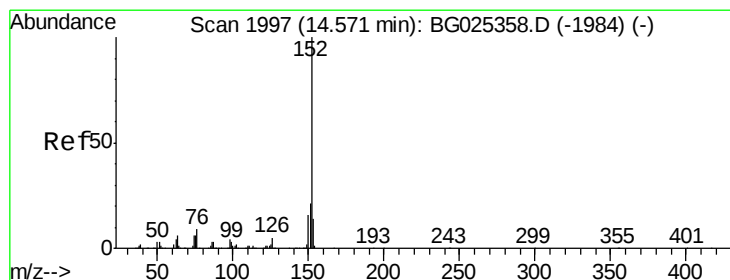
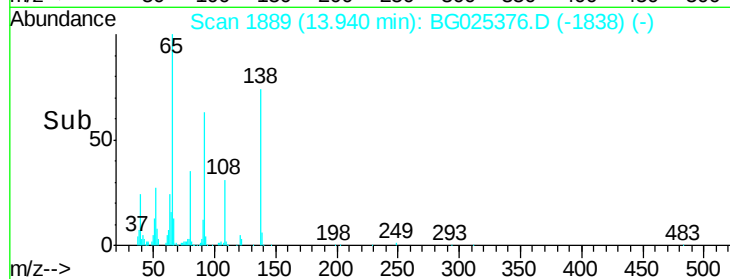
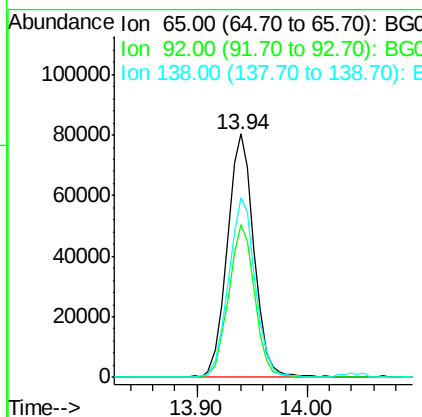
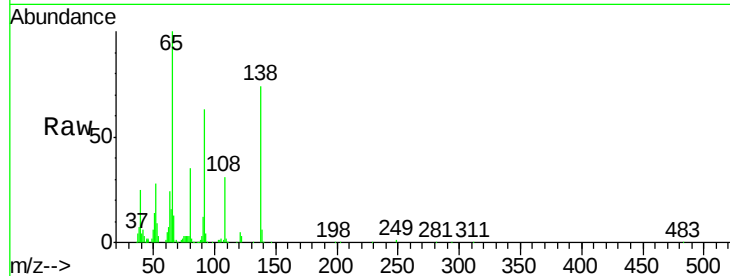




#47
2-Nitroaniline
Concen: 38.59 ng
RT: 13.94 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

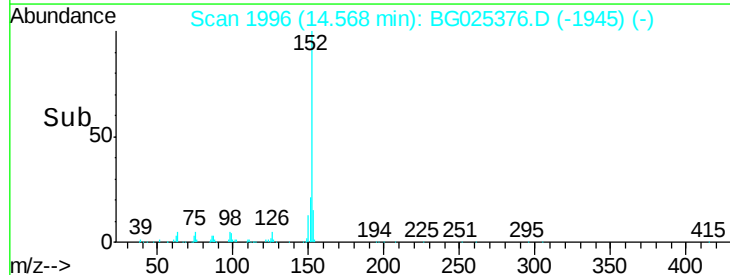
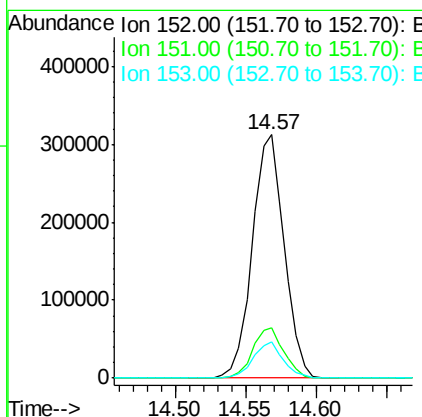
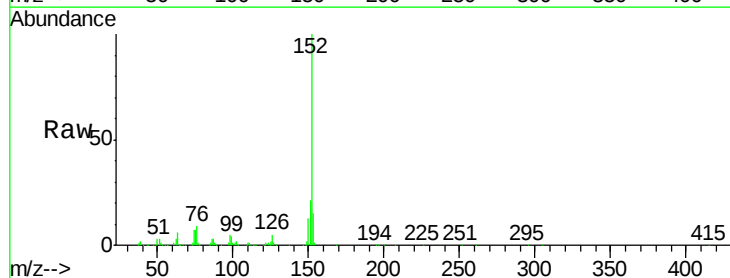
Instrument :
BNA_G
ClientSampleId :
PB95526BS

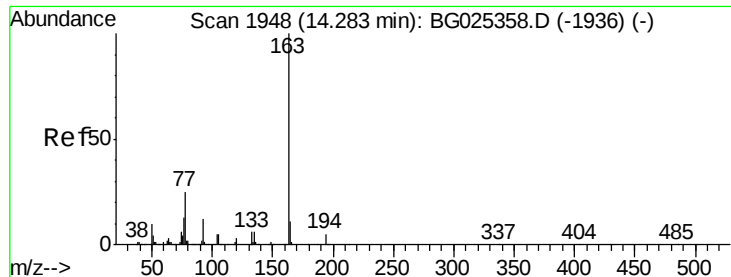
Tgt Ion: 65 Resp: 135698
Ion Ratio Lower Upper
65 100
92 62.8 49.0 73.4
138 74.0 58.6 87.8



#48
Acenaphthylene
Concen: 38.43 ng
RT: 14.57 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion: 152 Resp: 496150
Ion Ratio Lower Upper
152 100
151 20.7 18.2 27.2
153 14.7 11.3 16.9





#49

Dimethylphthalate

Concen: 40.43 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

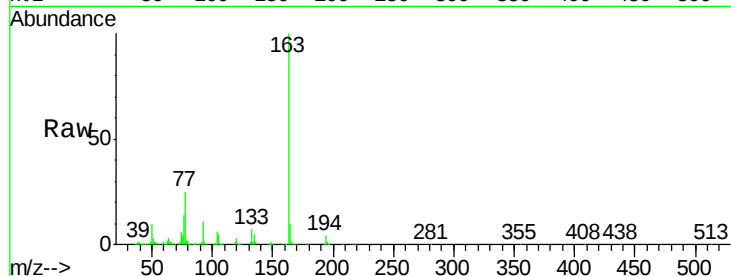
Tgt Ion:163 Resp: 467303

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

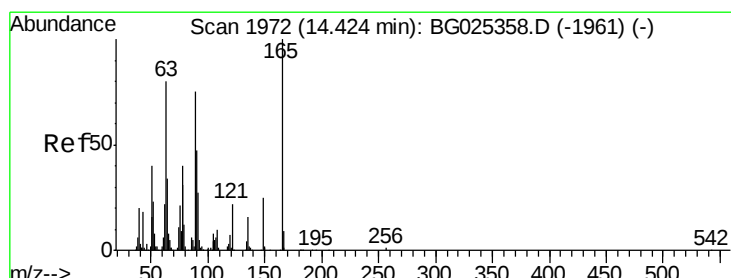
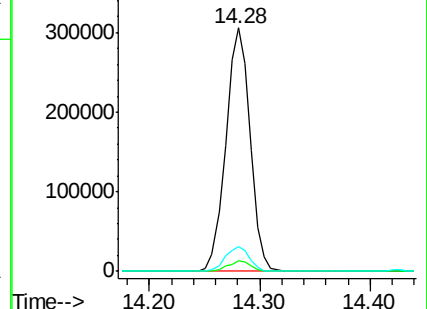
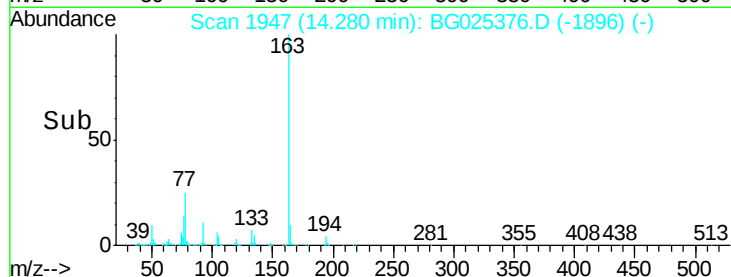
164 10.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.08 ng

RT: 14.42 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

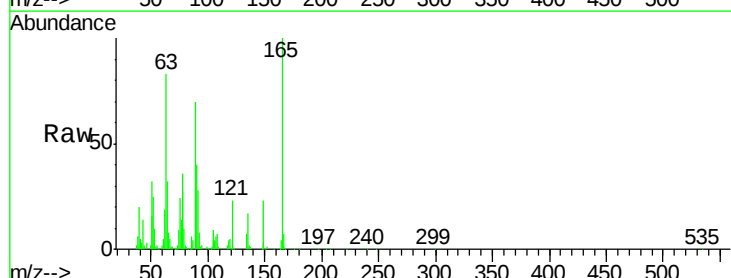
Tgt Ion:165 Resp: 101198

Ion Ratio Lower Upper

165 100

63 83.2 63.9 95.9

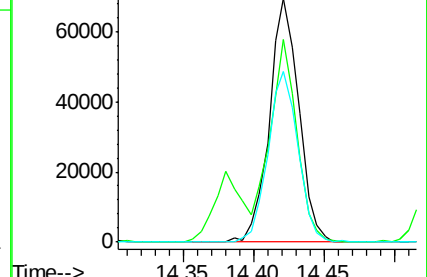
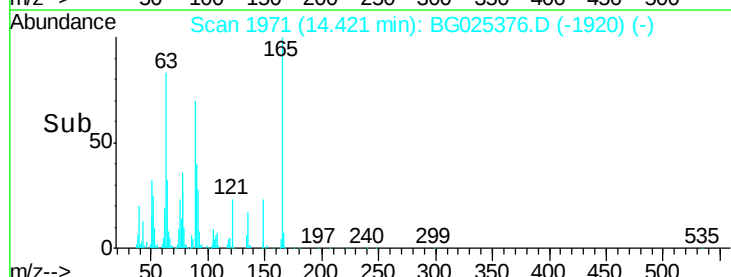
89 70.1 58.6 88.0

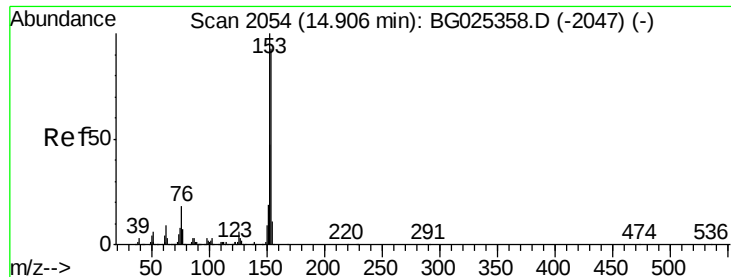


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.54 ng

RT: 14.90 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

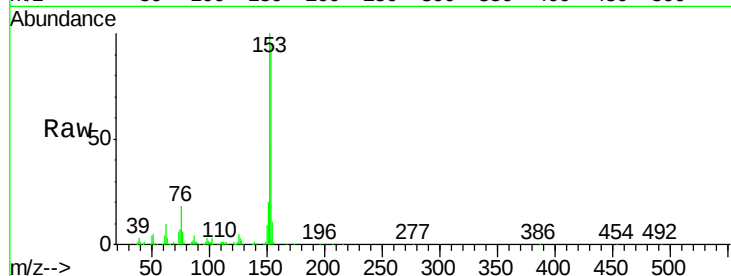
Tgt Ion:154 Resp: 317024

Ion Ratio Lower Upper

154 100

153 105.5 87.8 131.6

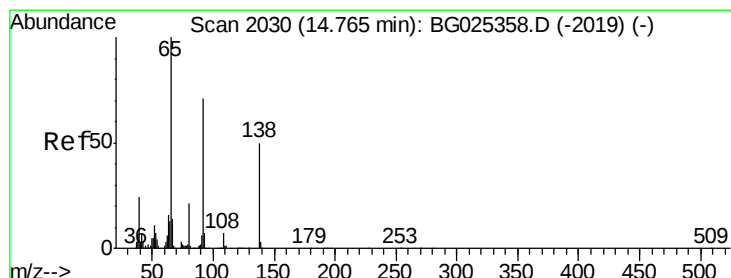
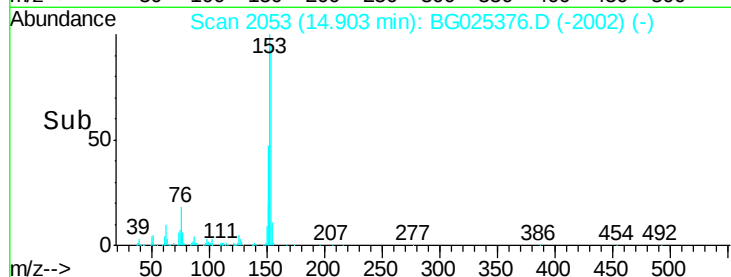
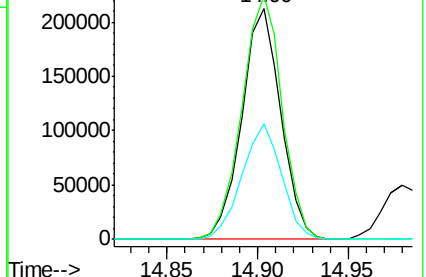
152 50.2 42.2 63.4



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: 26.40 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

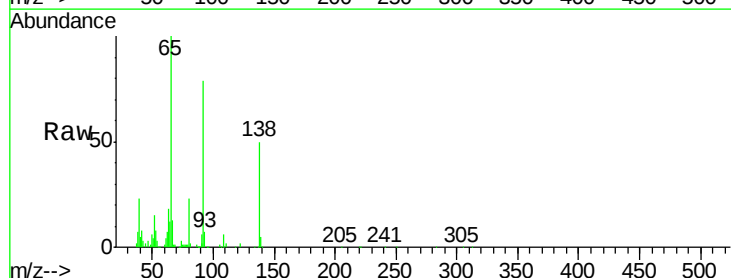
Tgt Ion:138 Resp: 64069

Ion Ratio Lower Upper

138 100

108 12.6 10.9 16.3

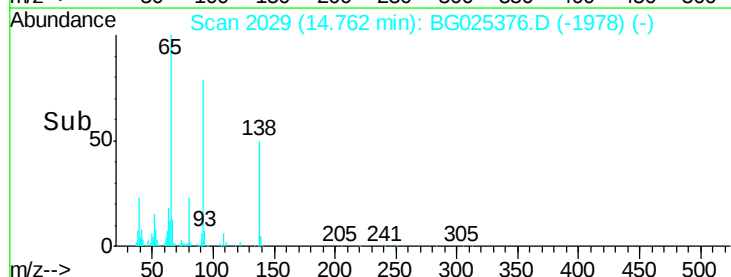
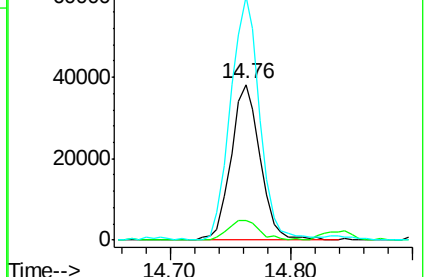
92 156.3 115.3 172.9

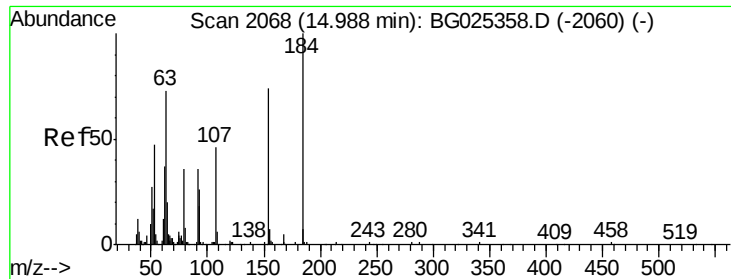


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

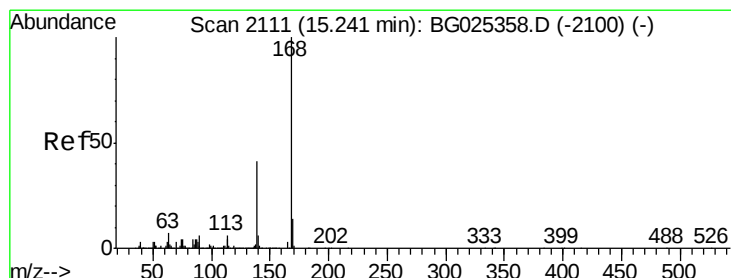
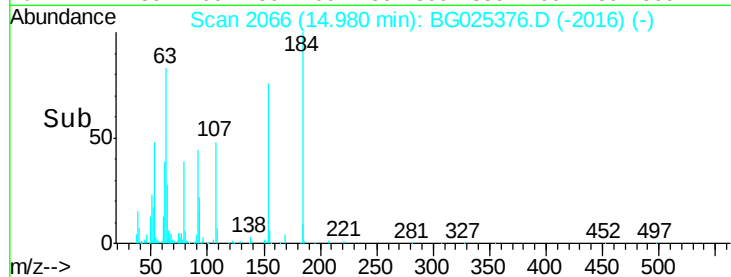
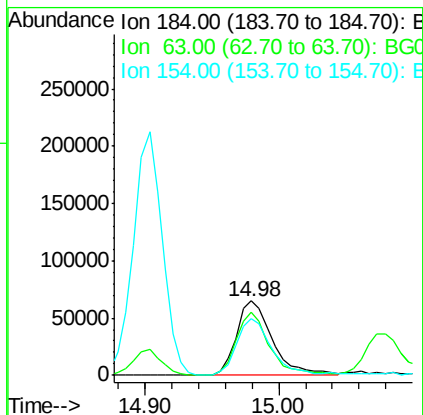
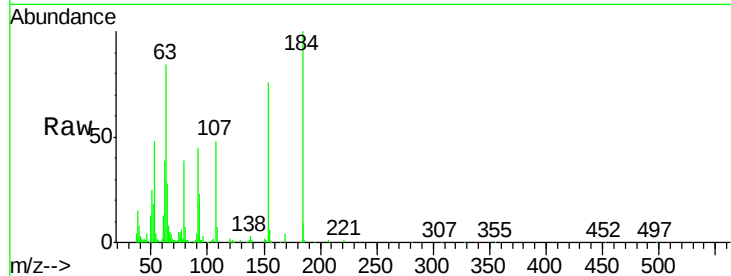




#53
2,4-Dinitrophenol
Concen: 73.41 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

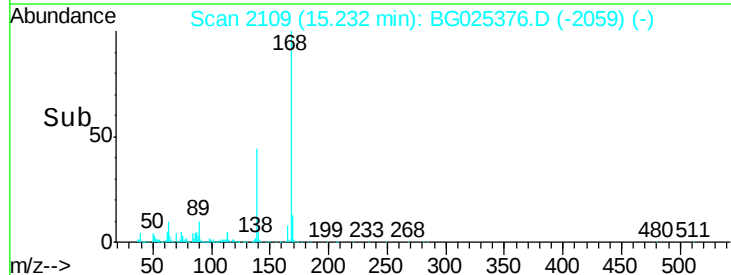
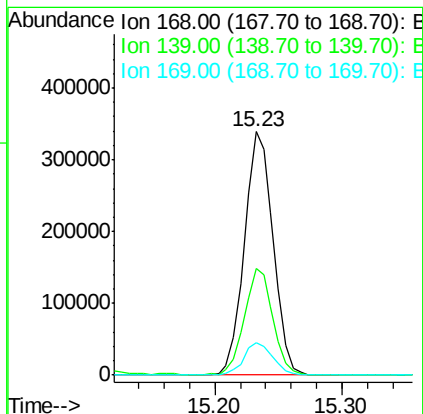
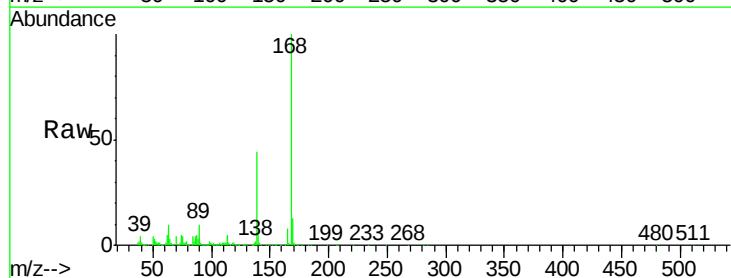
Instrument :
BNA_G
ClientSampleId :
PB95526BS

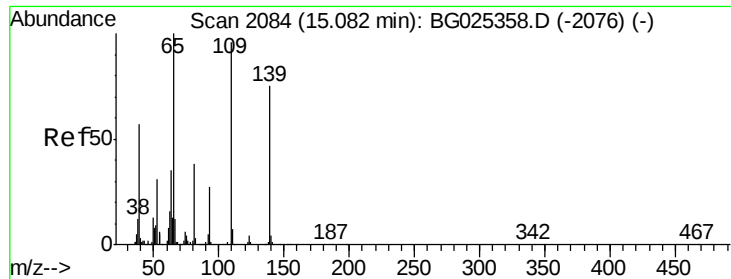
Tgt Ion:184 Resp: 120800
Ion Ratio Lower Upper
184 100
63 83.8 52.7 79.1#
154 76.0 57.3 85.9



#54
Dibenzofuran
Concen: 39.74 ng
RT: 15.23 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion:168 Resp: 530507
Ion Ratio Lower Upper
168 100
139 43.8 35.3 52.9
169 13.5 11.5 17.3

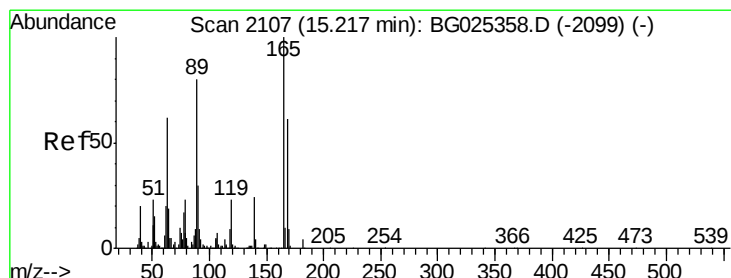
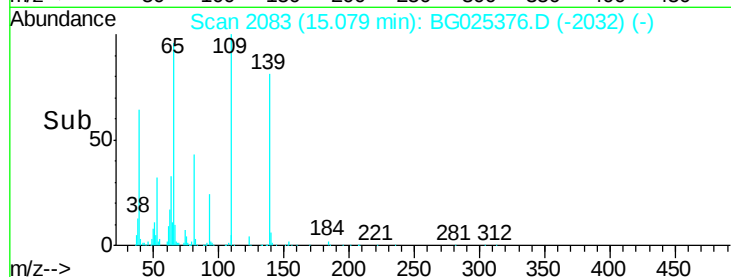
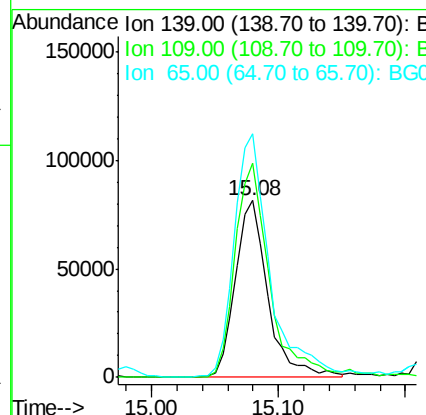
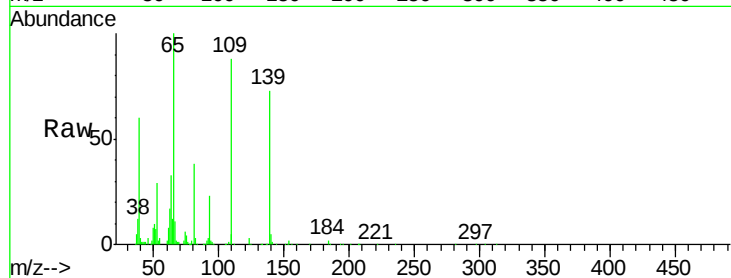




#55
4-Nitrophenol
Concen: 79.71 ng
RT: 15.08 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

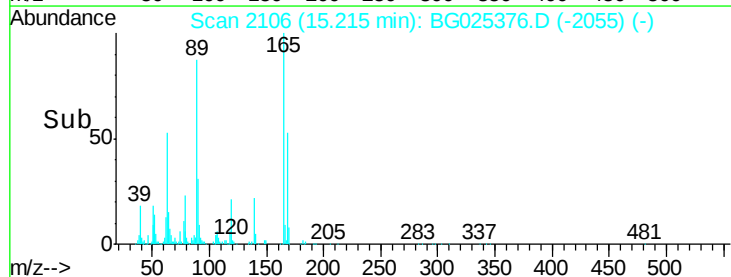
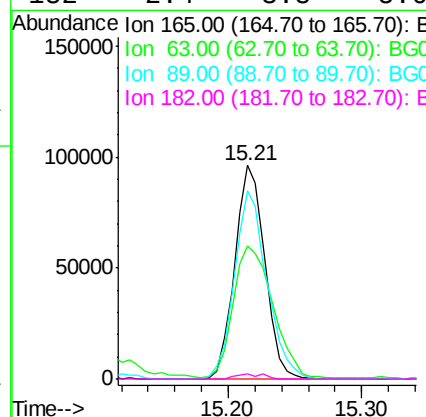
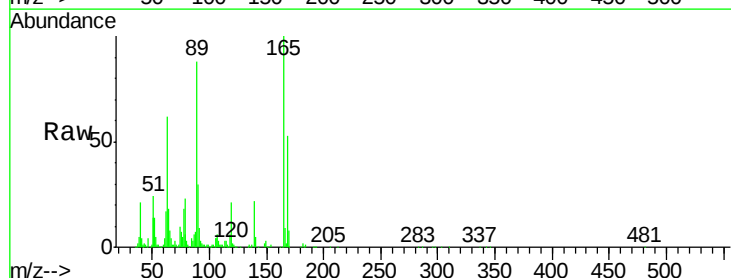
Instrument :
BNA_G
ClientSampleId :
PB95526BS

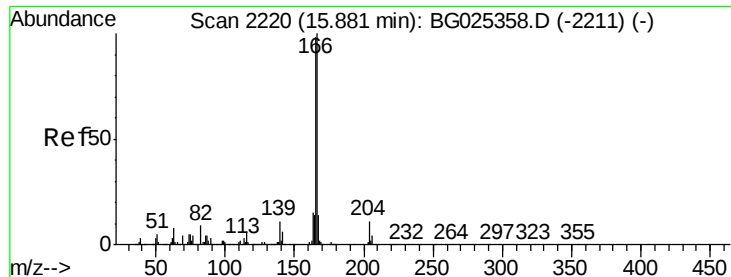
Tgt Ion:139 Resp: 144506
Ion Ratio Lower Upper
139 100
109 121.0 101.2 141.2
65 137.7 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 40.83 ng
RT: 15.21 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion:165 Resp: 150090
Ion Ratio Lower Upper
165 100
63 62.4 44.0 66.0
89 88.1 67.3 100.9
182 2.4 3.8 5.6#





#57

Fluorene

Concen: 38.58 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

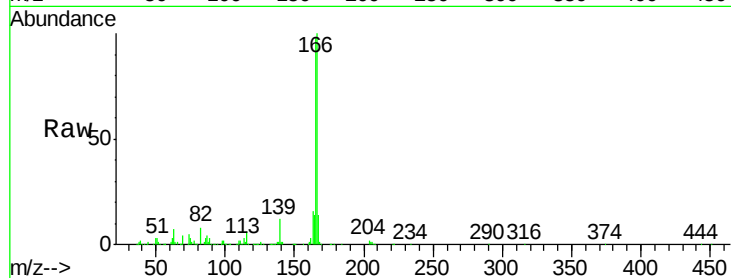
Tgt Ion:166 Resp: 431229

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

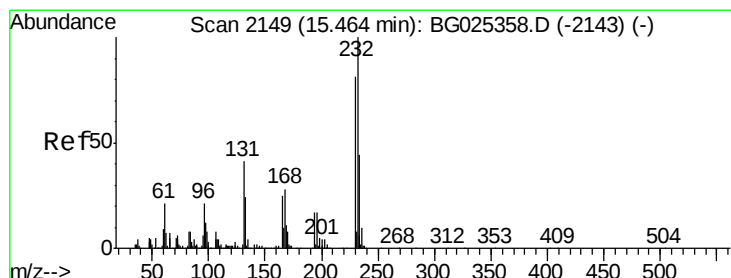
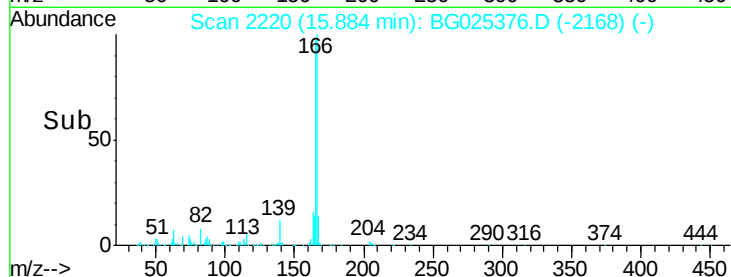
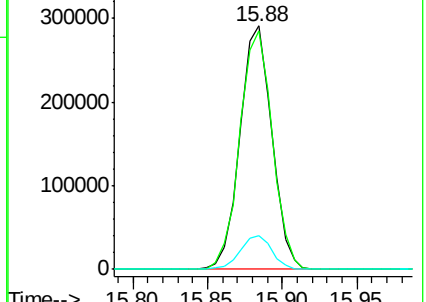
167 13.9 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.95 ng

RT: 15.47 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Tgt Ion:232 Resp: 147626

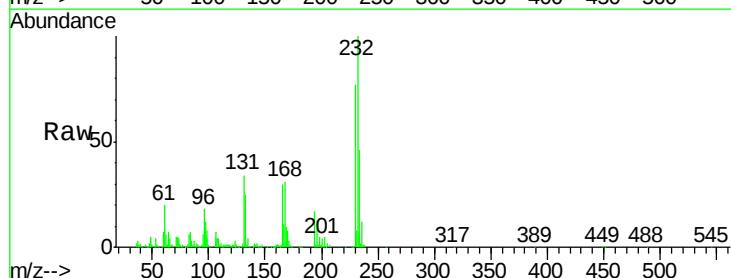
Ion Ratio Lower Upper

232 100

131 37.4 34.9 52.3

130 2.8 2.3 3.5

166 29.0 24.2 36.4

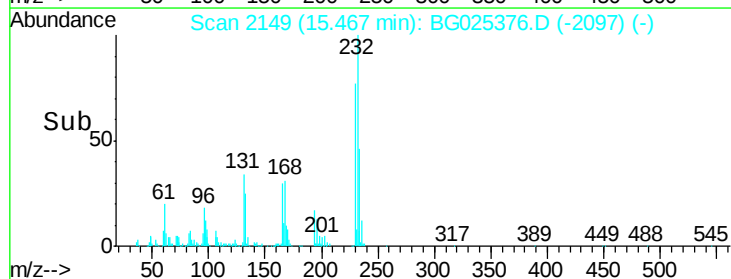
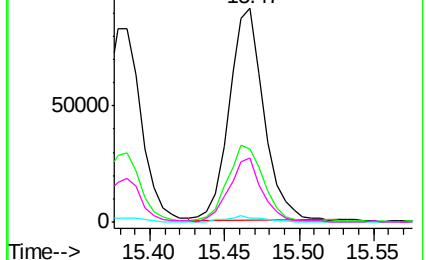


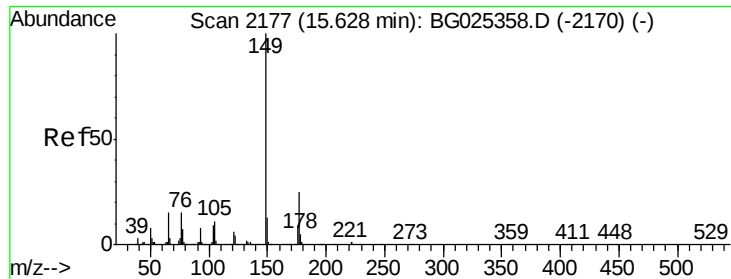
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.06 ng

RT: 15.63 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

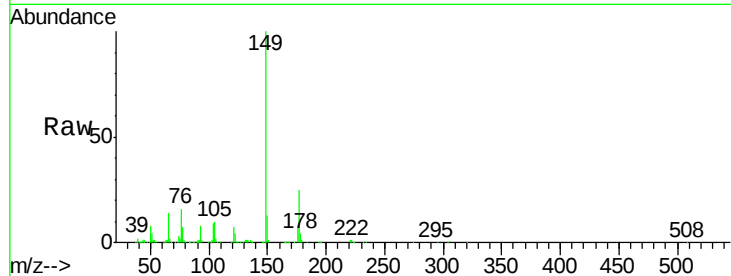
Tgt Ion:149 Resp: 473391

Ion Ratio Lower Upper

149 100

177 25.4 20.1 30.1

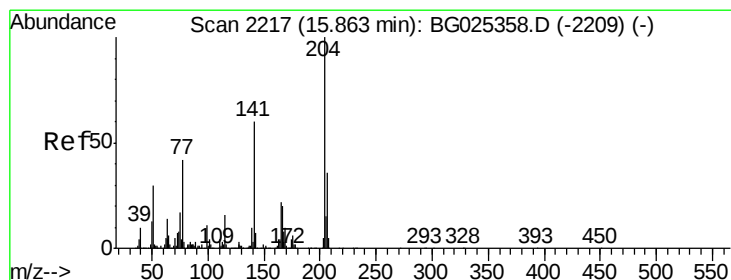
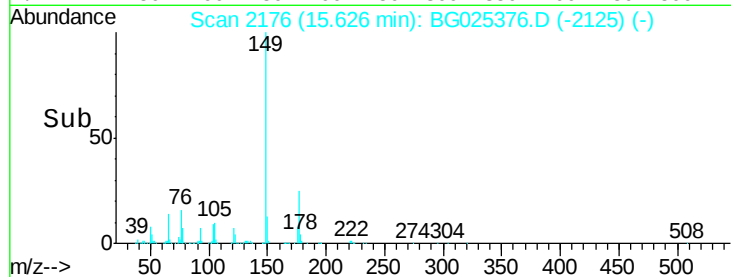
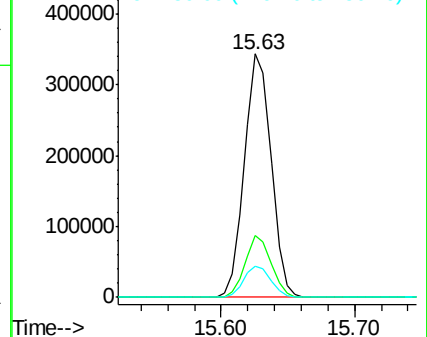
150 12.9 10.2 15.2



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: 38.34 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

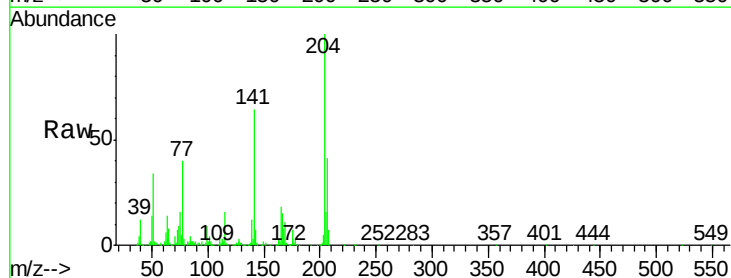
Tgt Ion:204 Resp: 242855

Ion Ratio Lower Upper

204 100

206 41.2 30.1 45.1

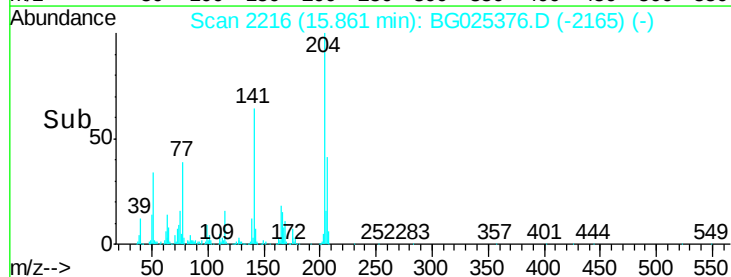
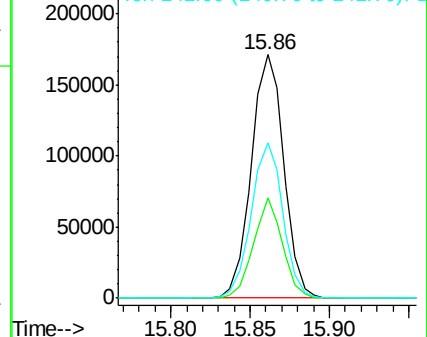
141 63.6 50.6 76.0

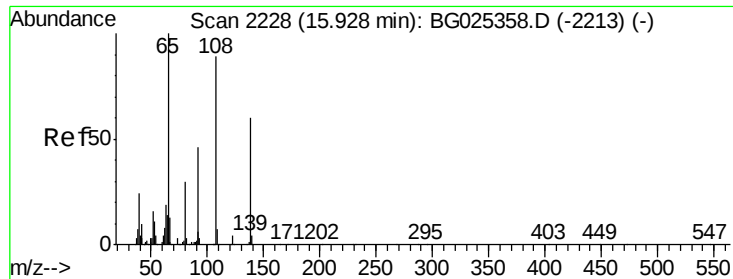


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

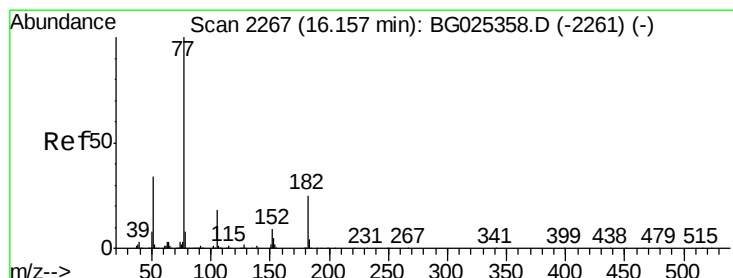
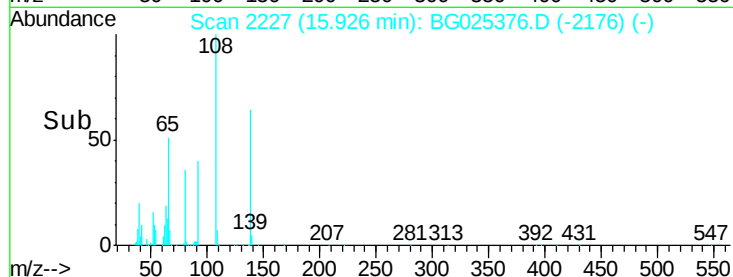
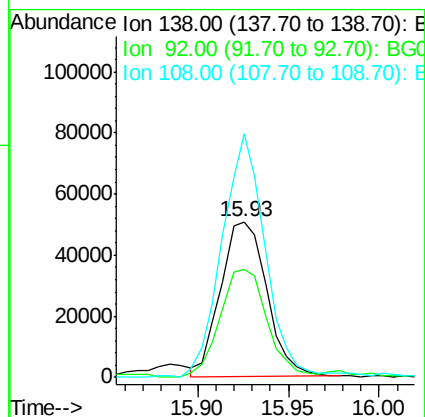
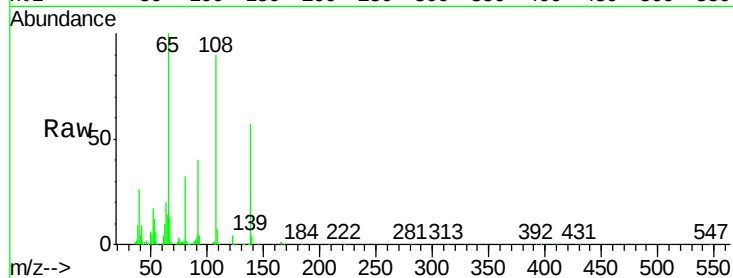




#61
4-Nitroaniline
Concen: 36.78 ng
RT: 15.93 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

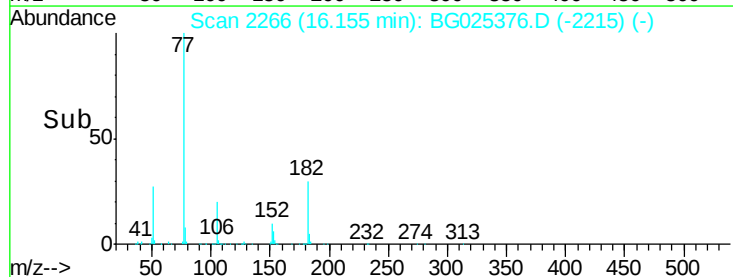
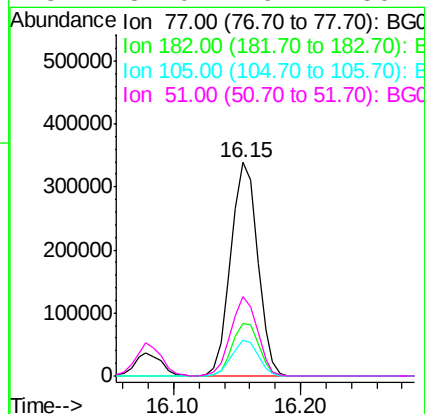
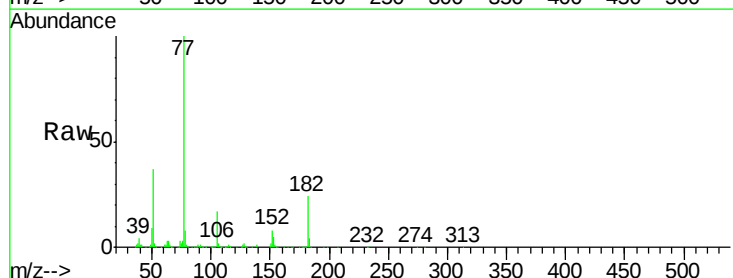
Instrument :
BNA_G
ClientSampleId :
PB95526BS

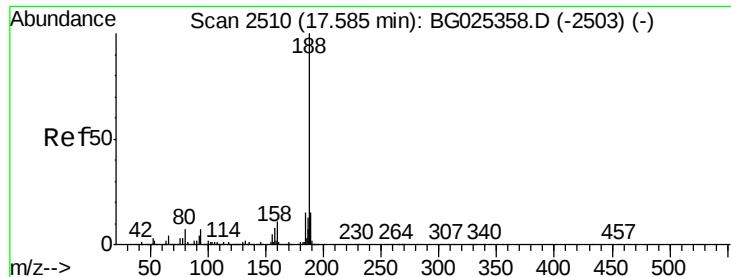
Tgt Ion: 138 Resp: 89821
Ion Ratio Lower Upper
138 100
92 69.5 44.2 84.2
108 156.2 104.8 144.8#



#62
Azobenzene
Concen: 42.55 ng
RT: 16.15 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion: 77 Resp: 497343
Ion Ratio Lower Upper
77 100
182 24.3 4.7 44.7
105 16.7 0.0 36.3
51 37.0 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

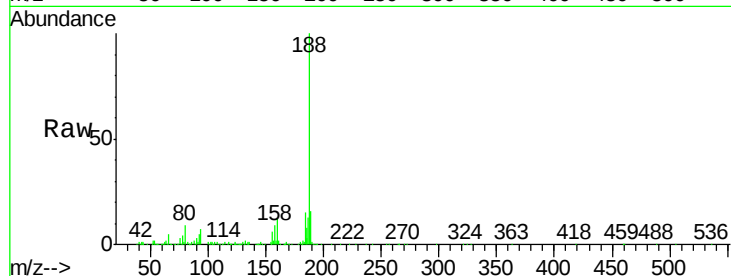
Tgt Ion:188 Resp: 375796

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

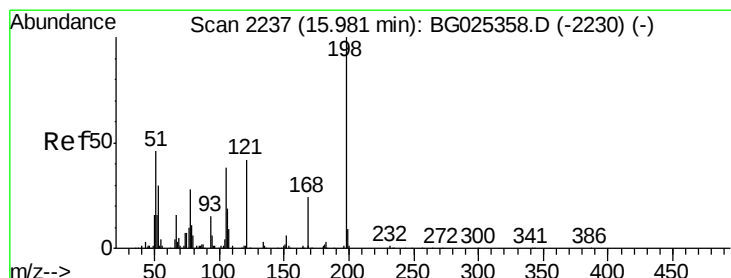
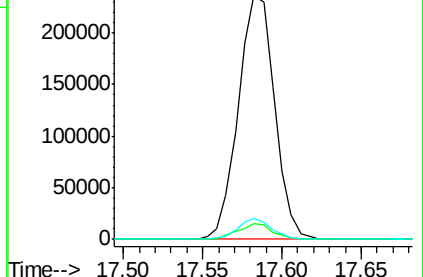
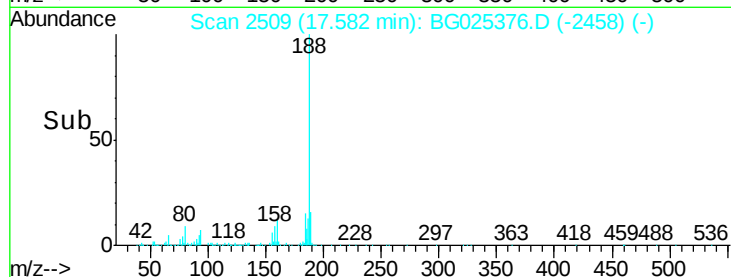
80 8.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 37.97 ng

RT: 15.98 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

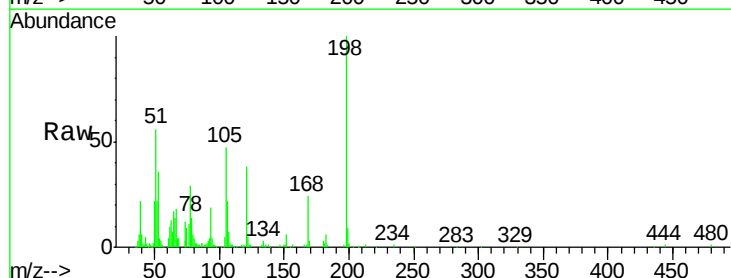
Tgt Ion:198 Resp: 98810

Ion Ratio Lower Upper

198 100

51 56.0 22.6 62.6

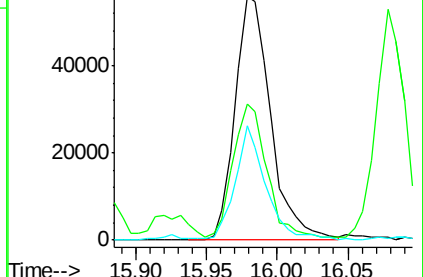
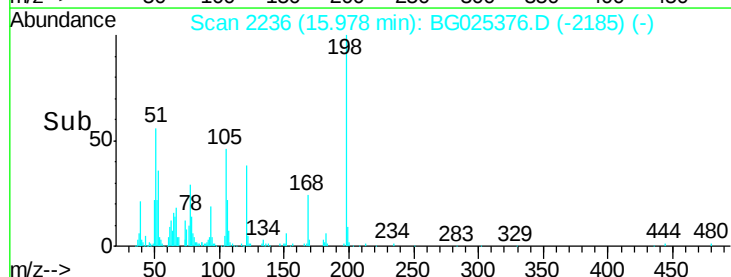
105 47.0 14.4 54.4

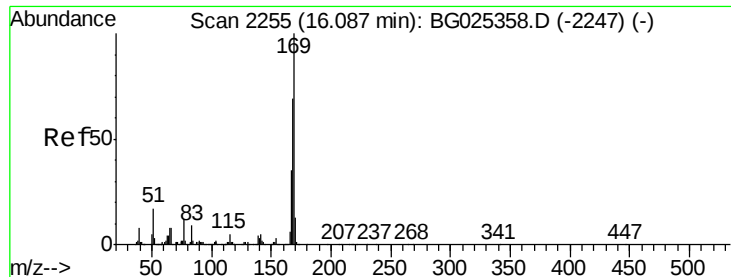


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

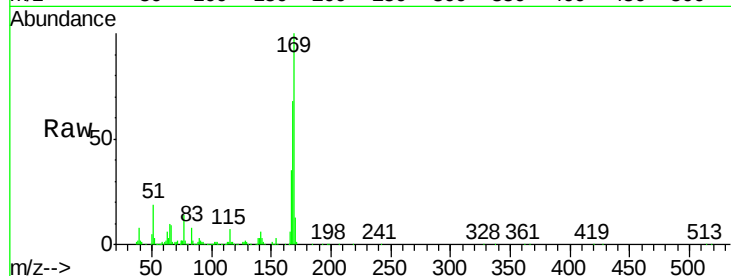




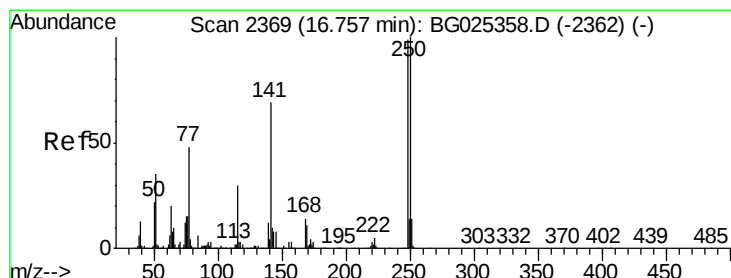
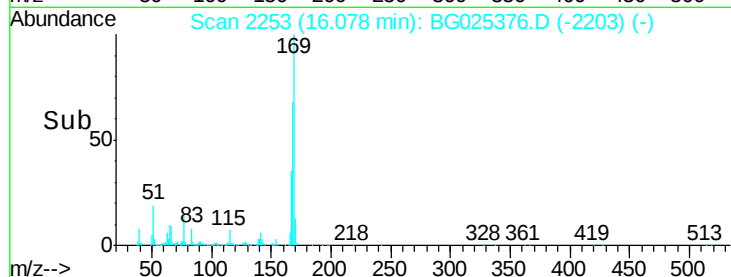
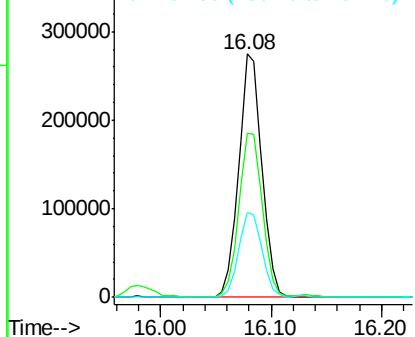
#65
n-Nitrosodiphenylamine
Concen: 39.88 ng
RT: 16.08 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Instrument :
BNA_G
ClientSampleId :
PB95526BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	55.7	83.5
167	35.0	29.8	44.6

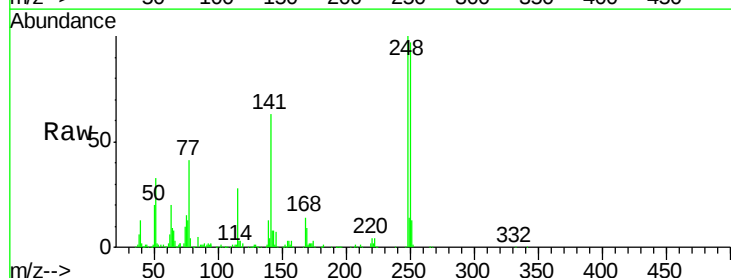


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

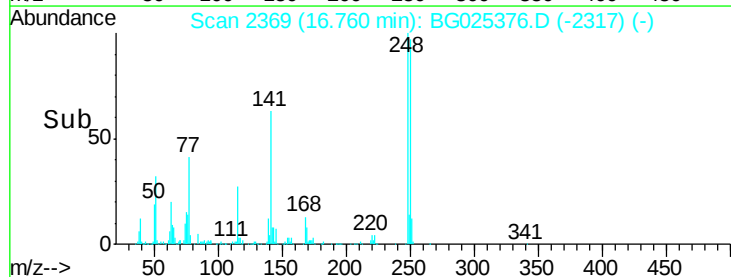
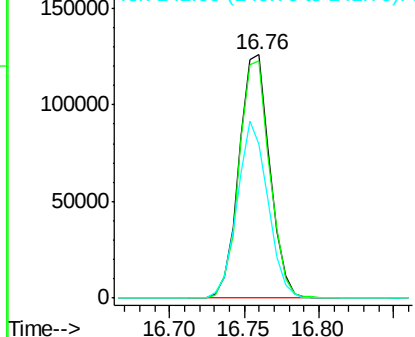


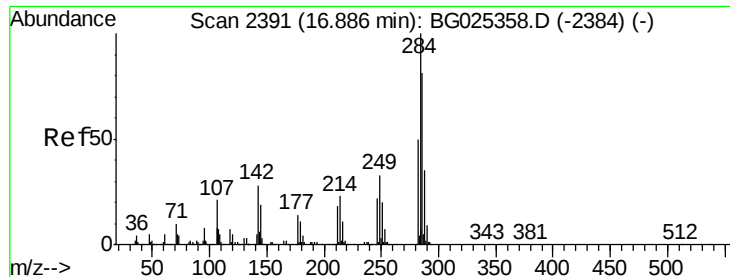
#66
4-Bromophenyl-phenylether
Concen: 38.88 ng
RT: 16.76 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG025376.D
Acq: 22 Dec 2016 3:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	75.0	112.6
141	63.4	55.2	82.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.60 ng

RT: 16.88 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

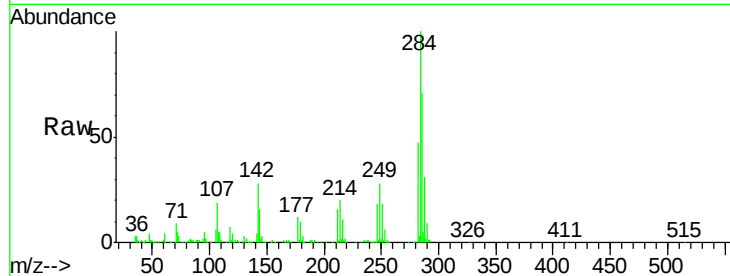
Tgt Ion:284 Resp: 210689

Ion Ratio Lower Upper

284 100

142 27.6 29.9 44.9#

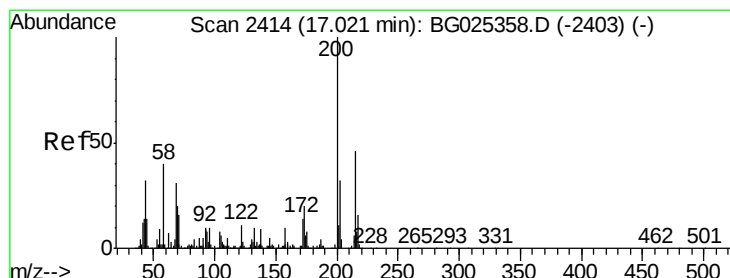
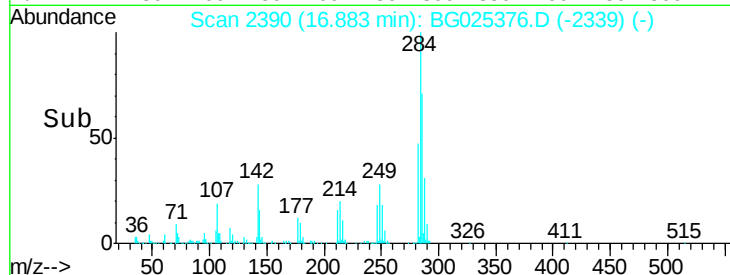
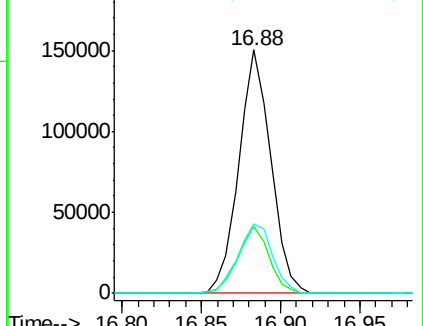
249 28.3 29.2 43.8#



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: 43.71 ng

RT: 17.02 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

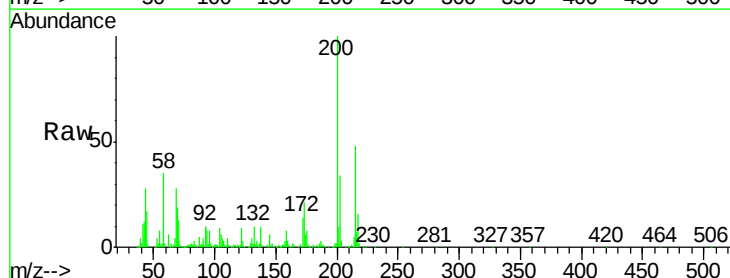
Tgt Ion:200 Resp: 194518

Ion Ratio Lower Upper

200 100

173 20.7 3.0 43.0

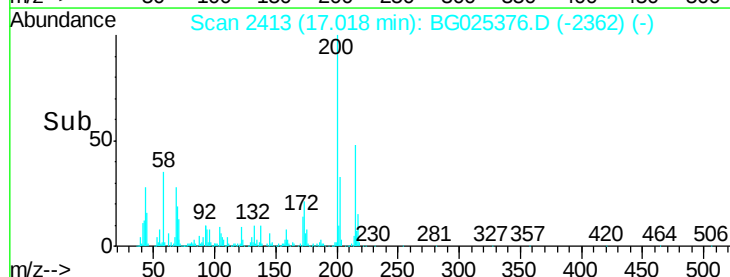
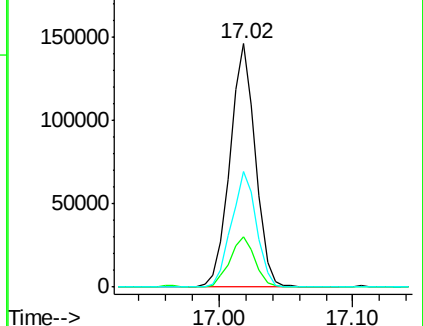
215 47.7 28.4 68.4

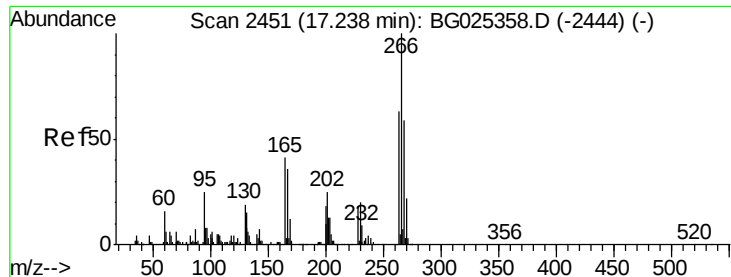


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 76.92 ng

RT: 17.24 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

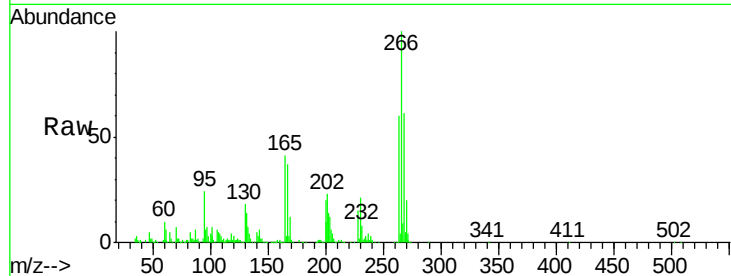
Tgt Ion:266 Resp: 212150

Ion Ratio Lower Upper

266 100

268 61.3 48.6 72.8

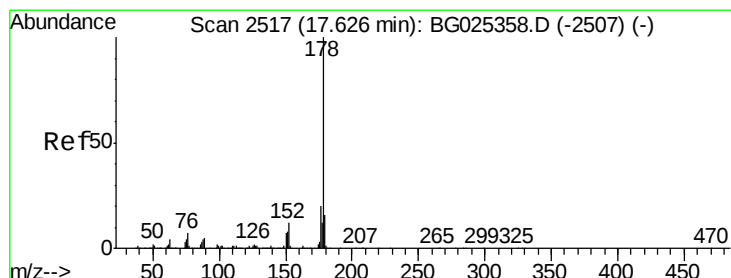
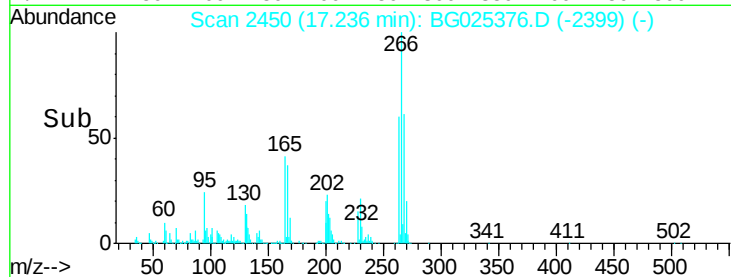
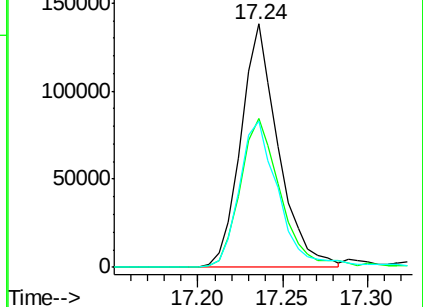
264 60.1 50.1 75.1



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: 39.89 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

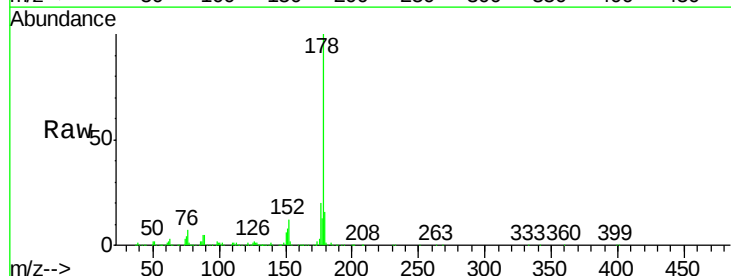
Tgt Ion:178 Resp: 772405

Ion Ratio Lower Upper

178 100

176 20.2 17.7 26.5

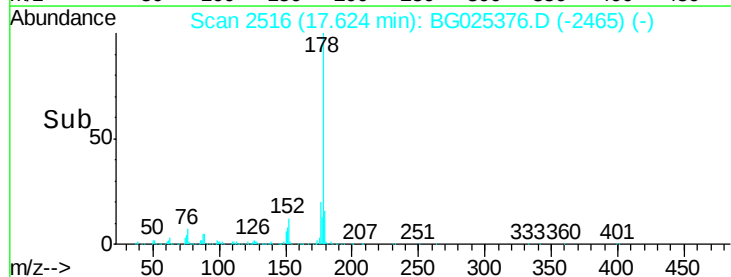
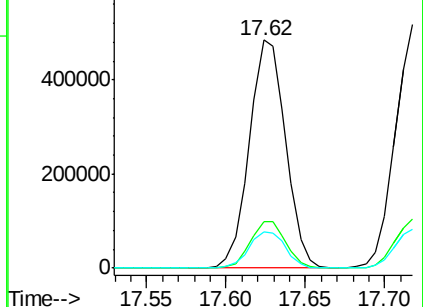
179 15.7 15.0 22.6

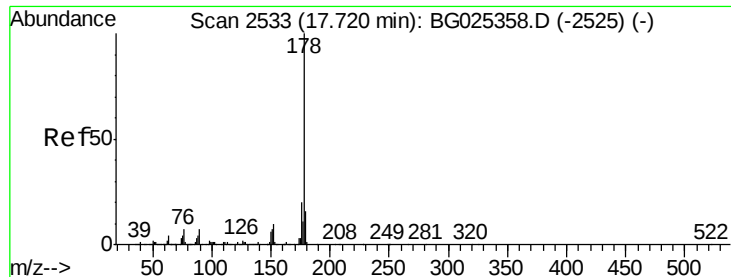


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

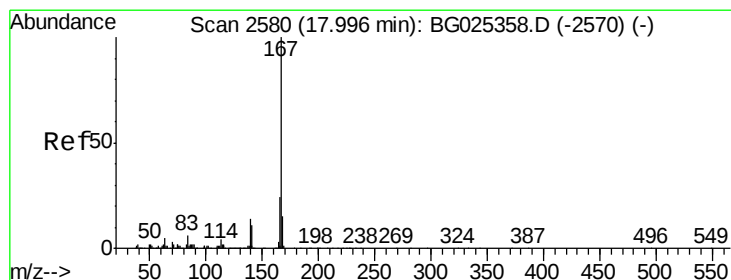
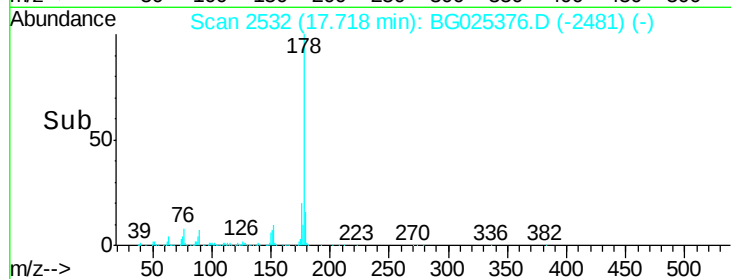
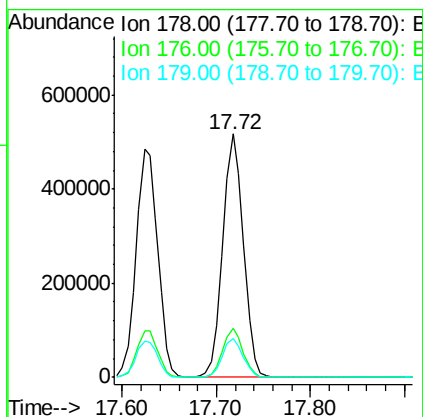
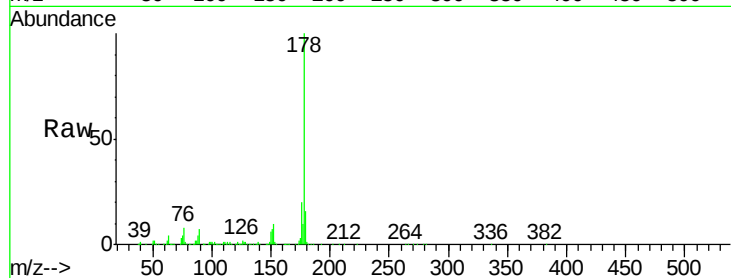




#71
 Anthracene
 Concen: 40.13 ng
 RT: 17.72 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

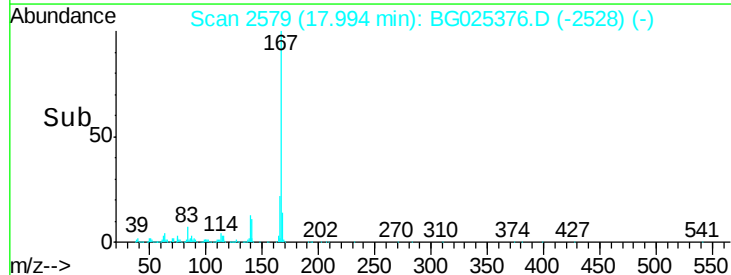
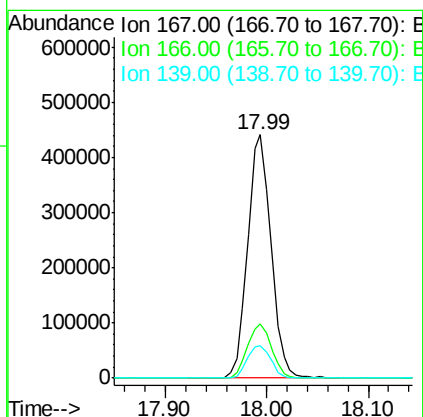
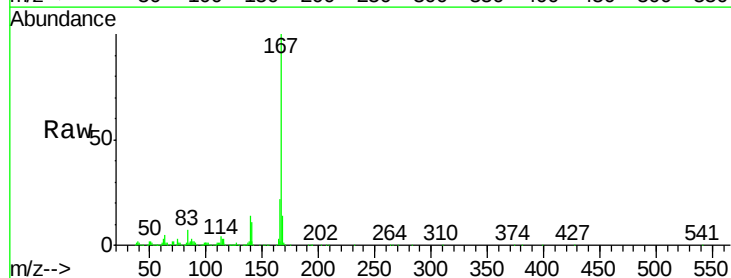
Instrument :
 BNA_G
 ClientSampleId :
 PB95526BS

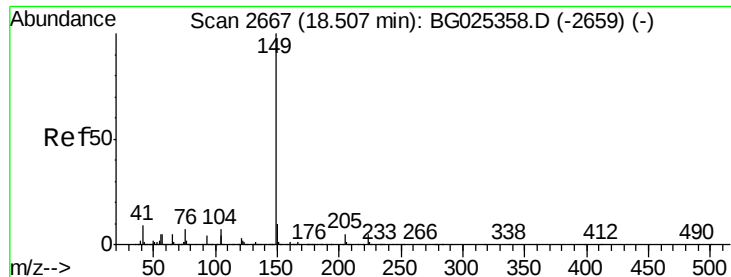
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.4	24.6
179	15.7	13.8	20.8



#72
 Carbazole
 Concen: 40.16 ng
 RT: 17.99 min Scan# 2579
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	20.2	30.2
139	13.6	12.8	19.2





#73

Di-n-butylphthalate

Concen: 39.33 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

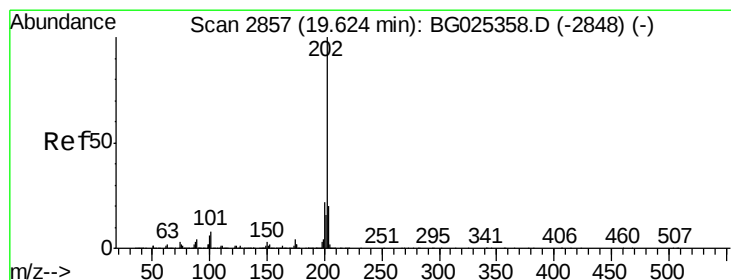
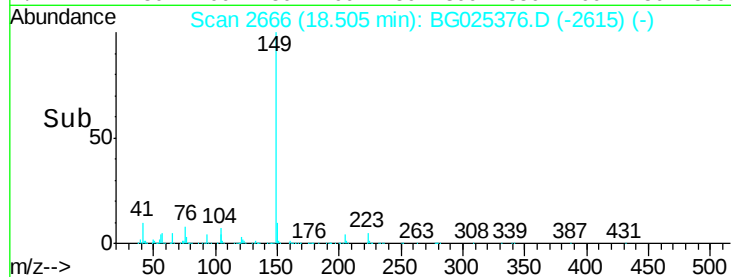
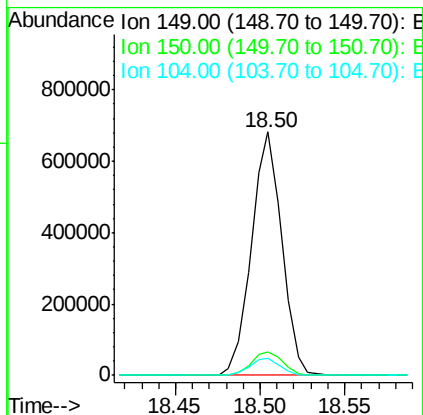
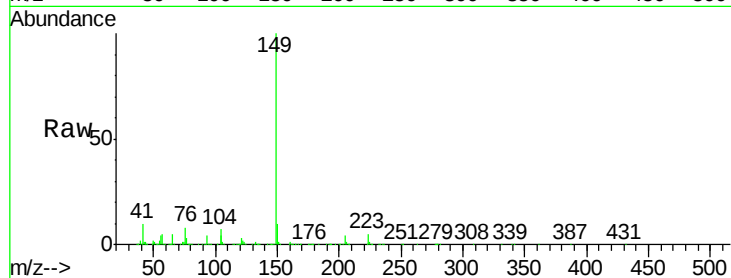
Instrument :

BNA_G

ClientSampleId :

PB95526BS

Tgt Ion:	149	Resp:	851557
Ion Ratio		Lower	Upper
149	100		
150	9.6	9.1	13.7
104	7.2	6.7	10.1



#74

Fluoranthene

Concen: 41.62 ng

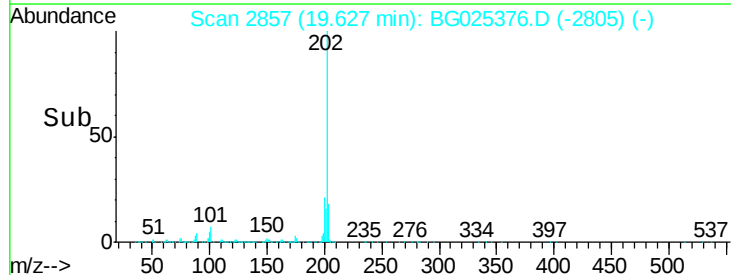
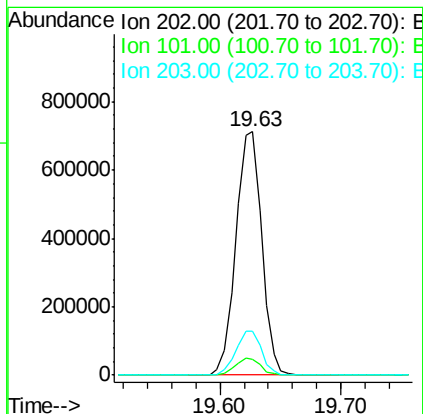
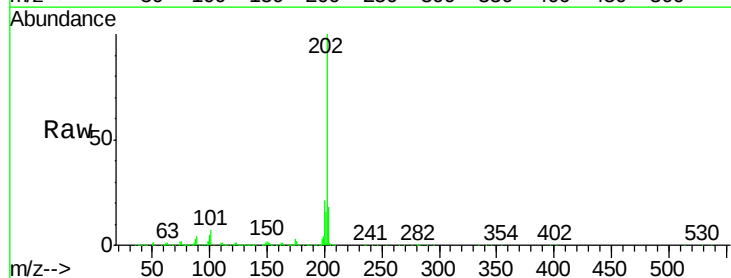
RT: 19.63 min Scan# 2857

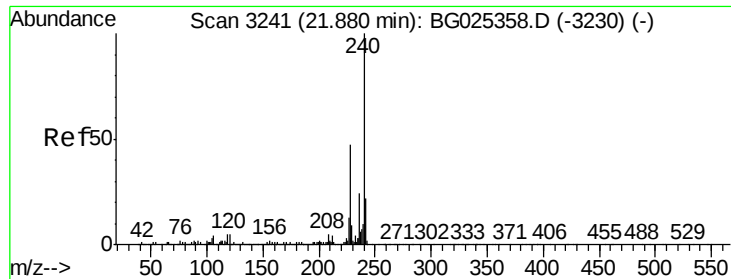
Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Tgt Ion:	202	Resp:	1064506
Ion Ratio		Lower	Upper
202	100		
101	6.6	0.0	30.1
203	18.2	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

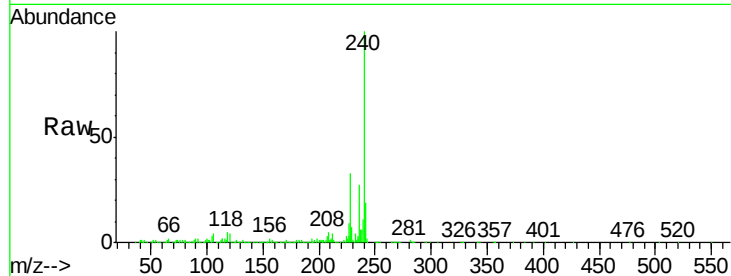
Tgt Ion:240 Resp: 547547

Ion Ratio Lower Upper

240 100

120 4.4 5.7 8.5#

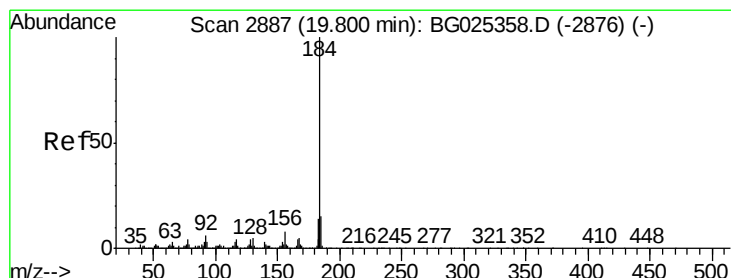
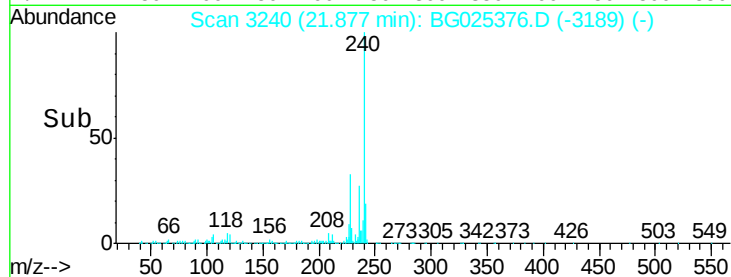
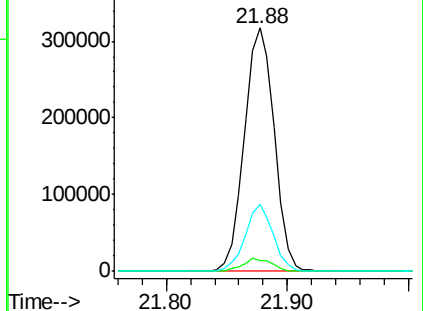
236 27.4 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.96 ng

RT: 19.80 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

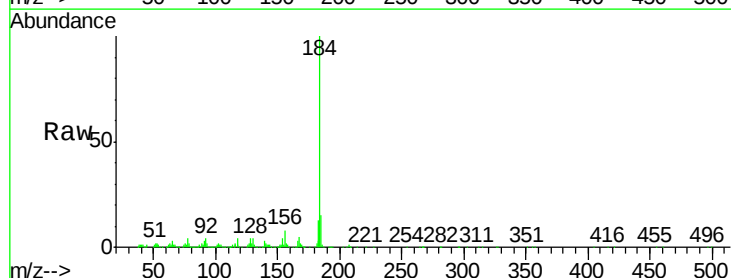
Tgt Ion:184 Resp: 422843

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

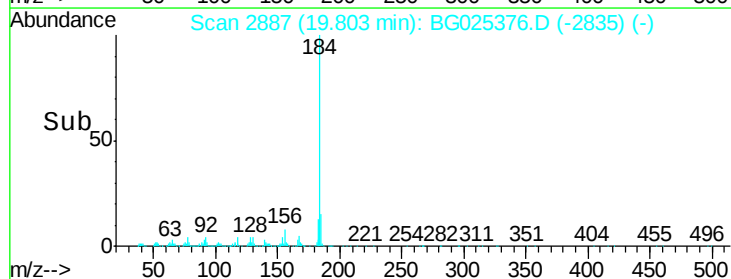
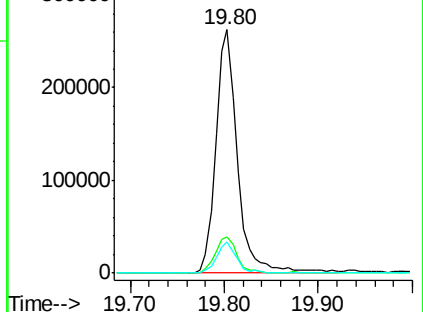
183 12.5 11.0 16.6

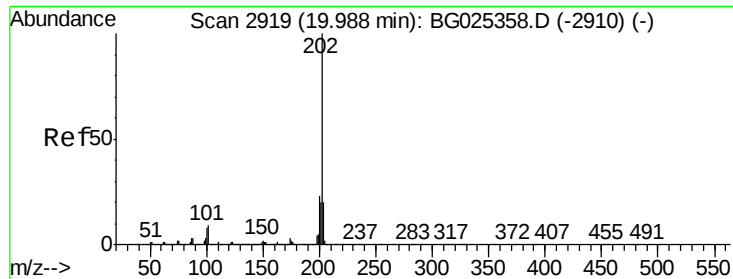


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.44 ng

RT: 19.99 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

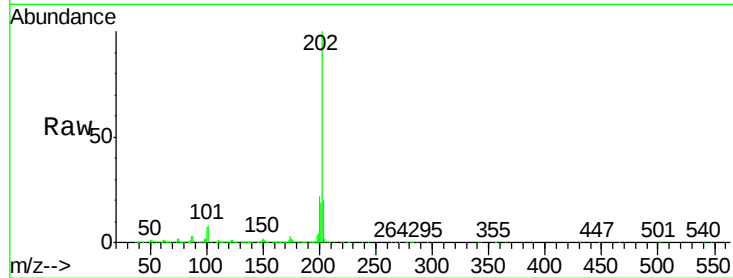
Tgt Ion:202 Resp: 1071493

Ion Ratio Lower Upper

202 100

200 22.4 19.6 29.4

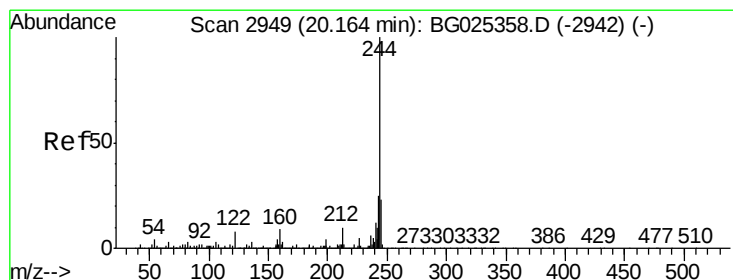
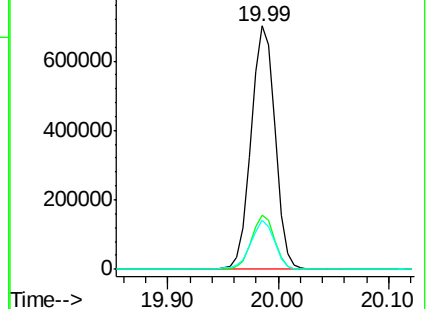
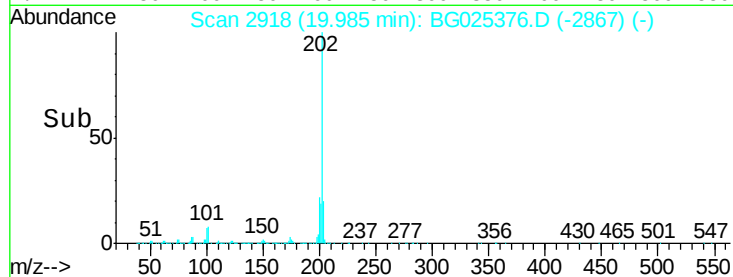
203 20.3 15.8 23.8



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: 82.62 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

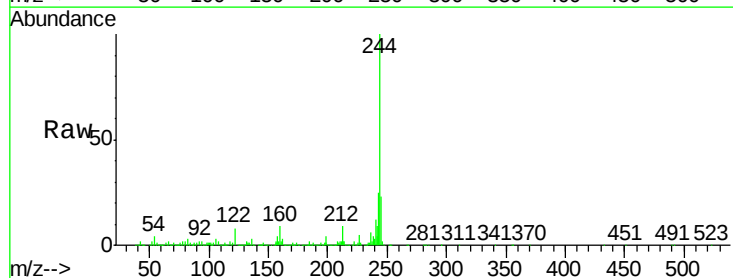
Tgt Ion:244 Resp: 1706160

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

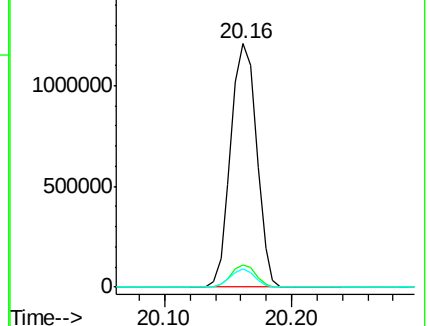
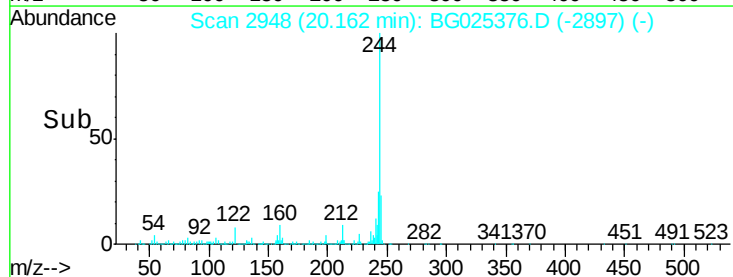
122 7.7 8.6 12.8#

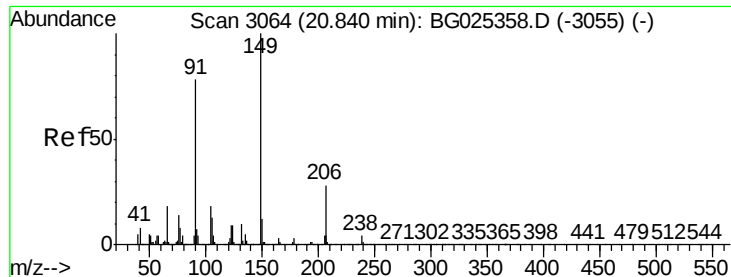


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.66 ng

RT: 20.84 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

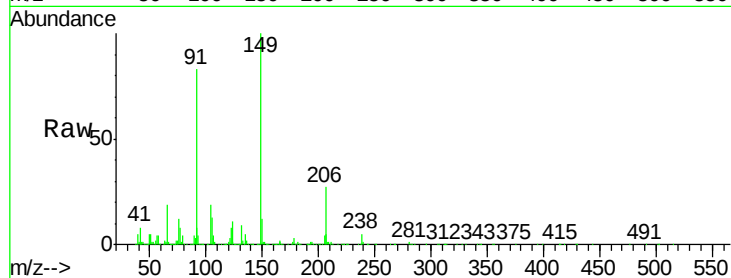
Tgt Ion:149 Resp: 444223

Ion Ratio Lower Upper

149 100

91 82.8 63.5 95.3

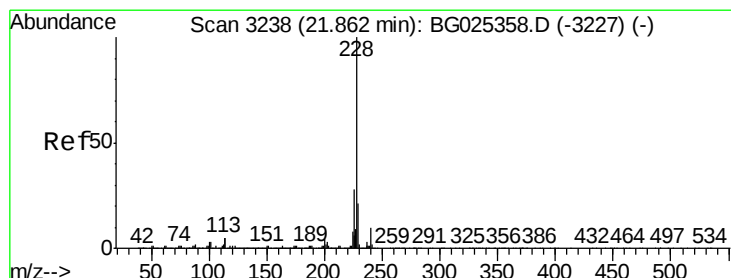
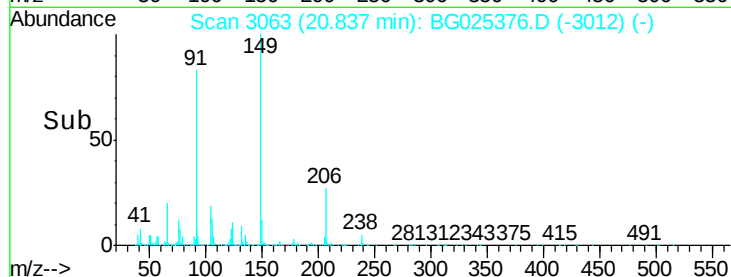
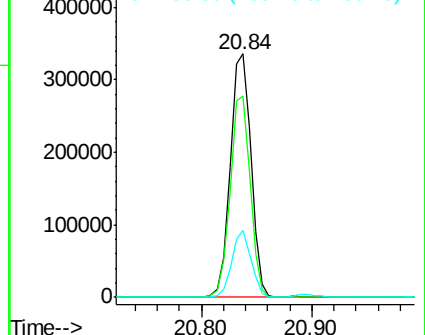
206 27.4 21.0 31.6



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: 39.27 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

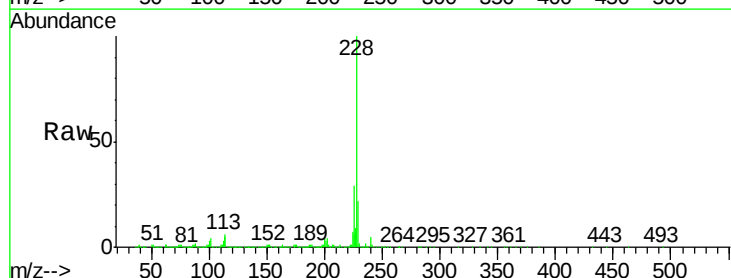
Tgt Ion:228 Resp: 1199231

Ion Ratio Lower Upper

228 100

226 28.9 24.9 37.3

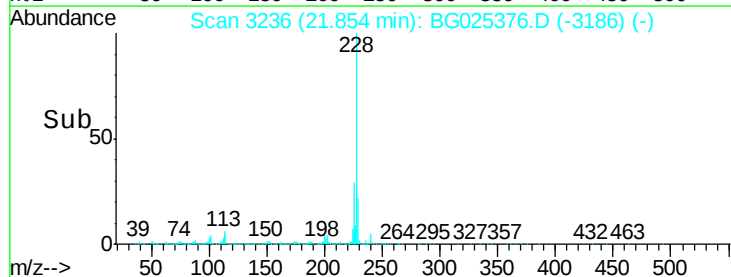
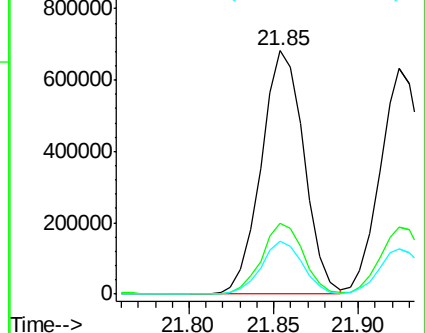
229 21.6 18.2 27.2

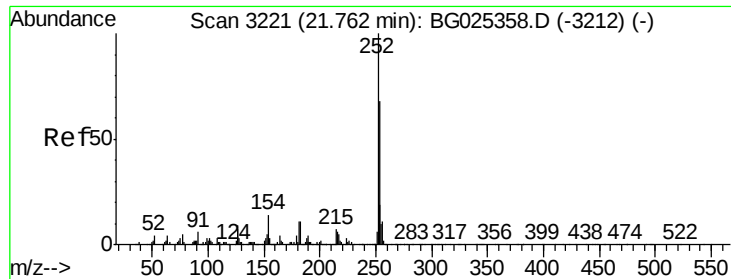


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

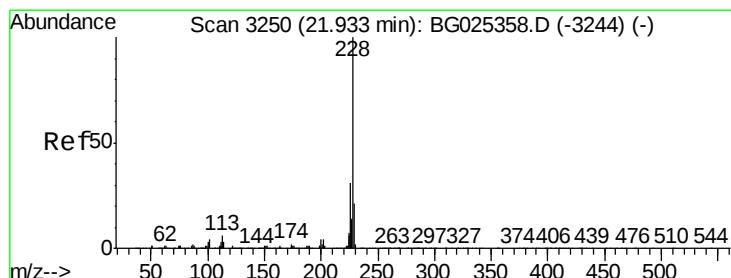
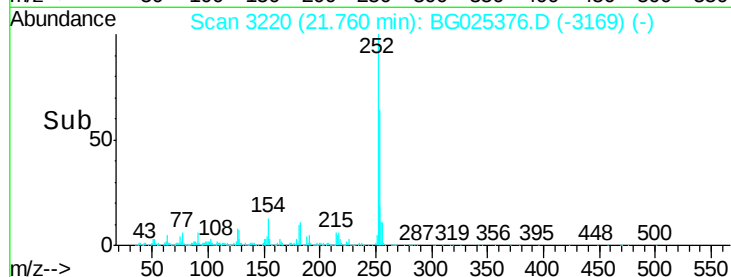
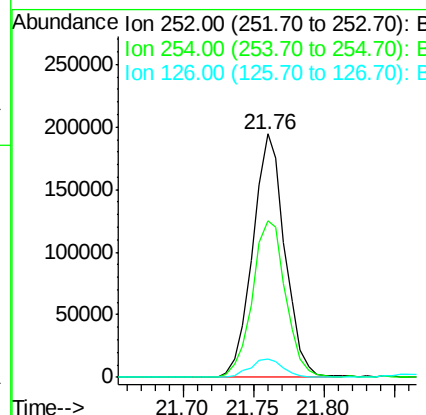
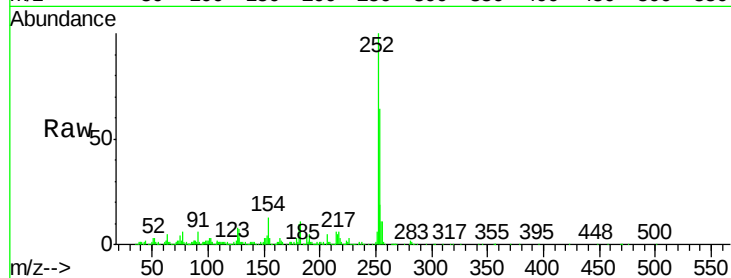




#81
 3,3'-Dichlorobenzidine
 Concen: 26.22 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

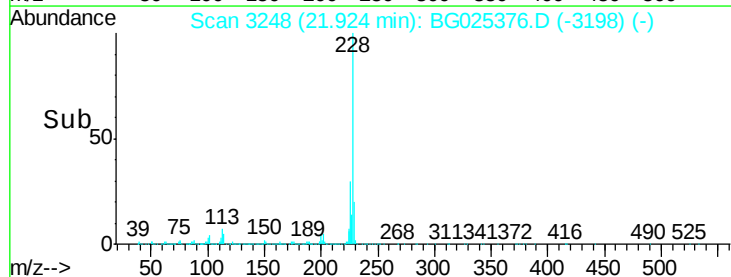
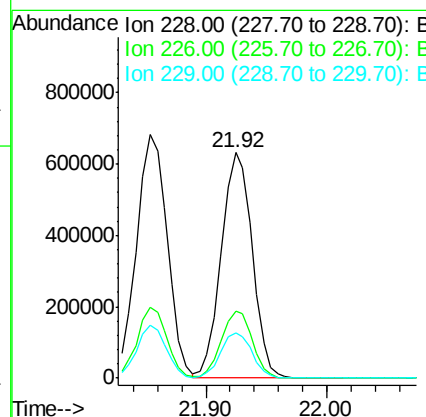
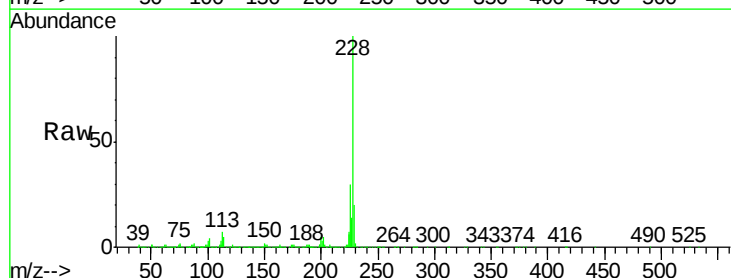
Instrument :
 BNA_G
 ClientSampleId :
 PB95526BS

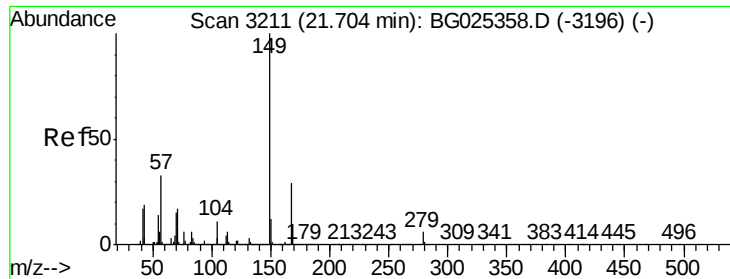
Tgt Ion: 252 Resp: 310986
 Ion Ratio Lower Upper
 252 100
 254 64.4 53.1 79.7
 126 7.5 7.0 10.4



#82
 Chrysene
 Concen: 38.14 ng
 RT: 21.92 min Scan# 3248
 Delta R.T. -0.01 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

Tgt Ion: 228 Resp: 1116947
 Ion Ratio Lower Upper
 228 100
 226 29.6 27.0 40.4
 229 19.9 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.00 ng

RT: 21.70 min Scan# 3209

Delta R.T. -0.01 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

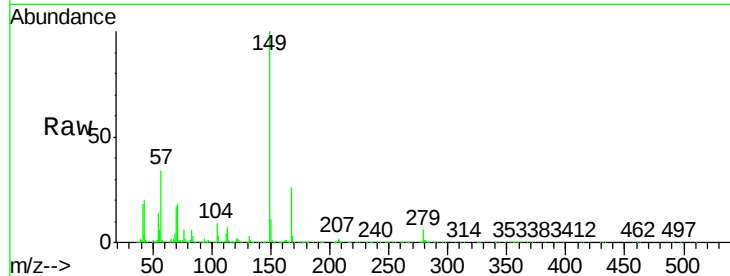
Tgt Ion:149 Resp: 639615

Ion Ratio Lower Upper

149 100

167 26.1 23.7 35.5

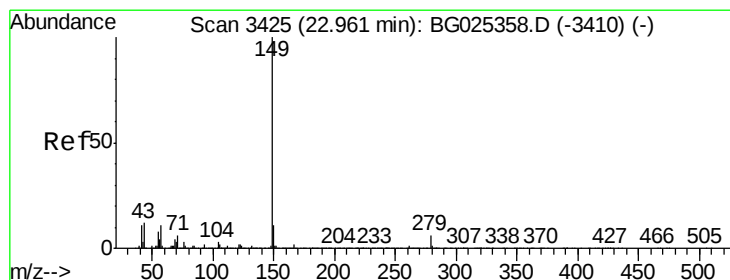
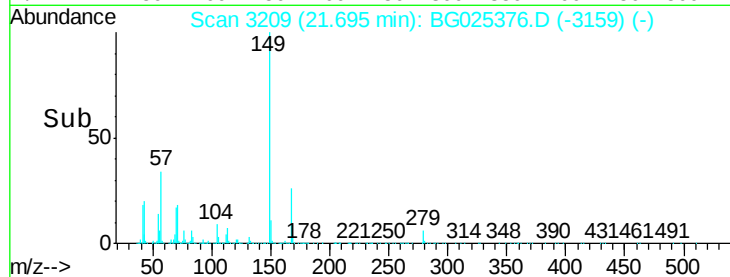
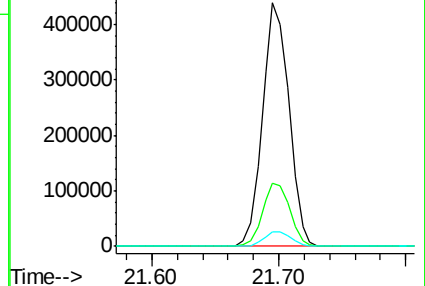
279 5.8 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.95 ng

RT: 22.96 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

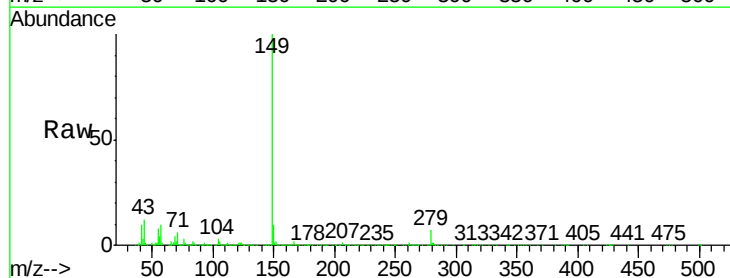
Tgt Ion:149 Resp: 1087147

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

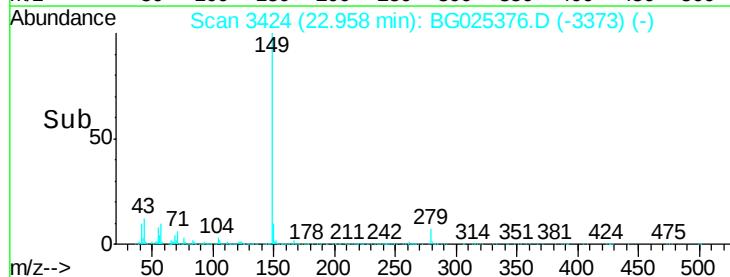
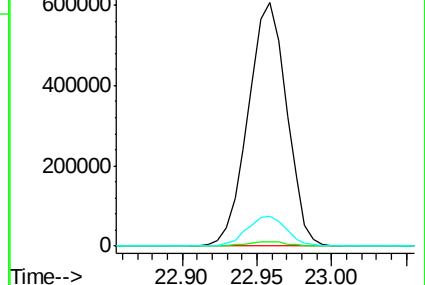
43 12.3 11.8 17.6

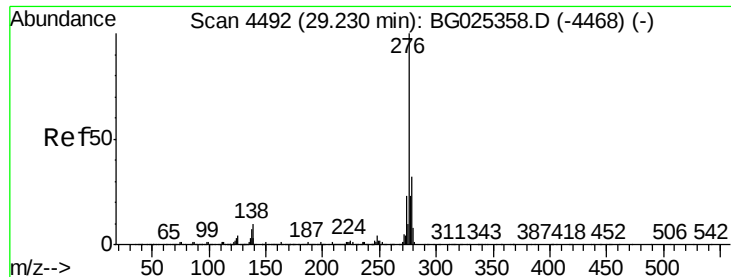


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

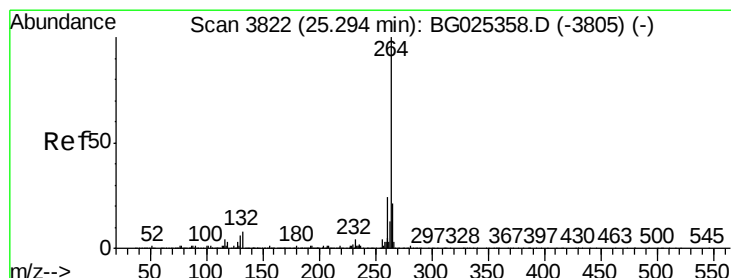
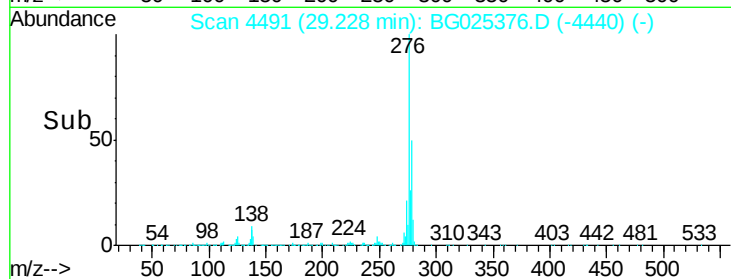
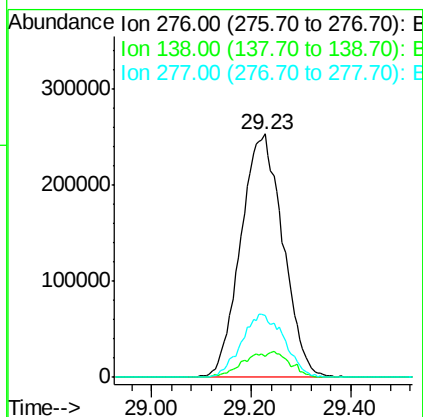
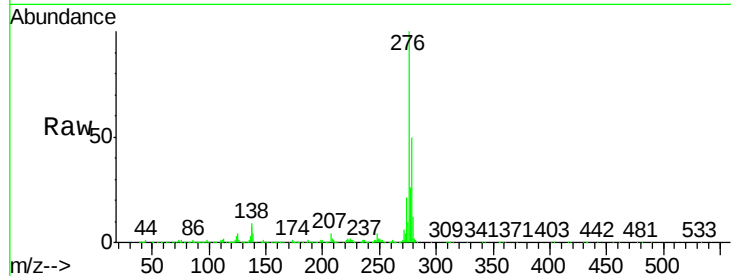




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.10 ng
 RT: 29.23 min Scan# 4491
 Delta R.T. -0.00 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

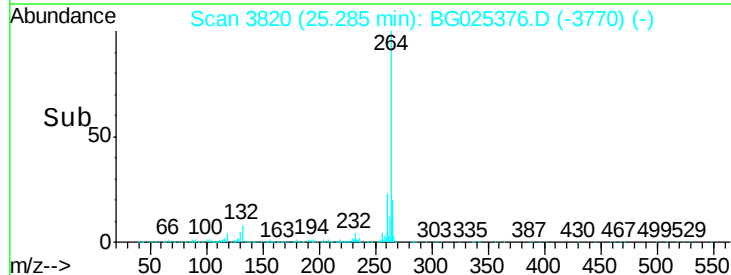
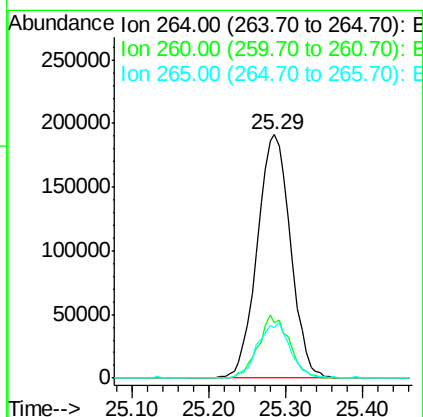
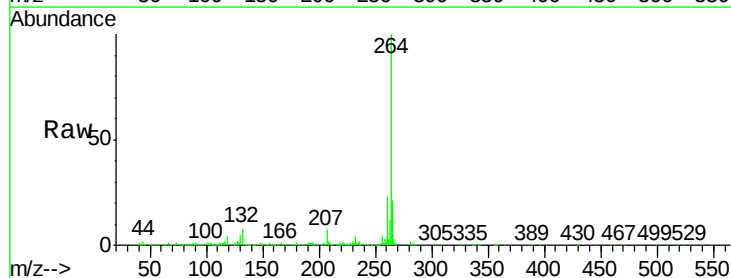
Instrument :
 BNA_G
 ClientSampleId :
 PB95526BS

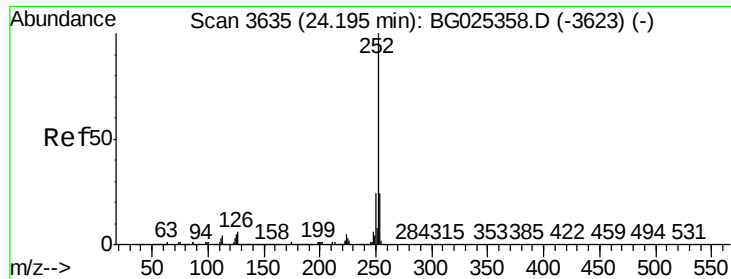
Tgt Ion:276 Resp: 1492983
 Ion Ratio Lower Upper
 276 100
 138 5.7 4.7 7.1
 277 26.4 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.29 min Scan# 3820
 Delta R.T. -0.01 min
 Lab File: BG025376.D
 Acq: 22 Dec 2016 3:15

Tgt Ion:264 Resp: 576697
 Ion Ratio Lower Upper
 264 100
 260 22.8 21.8 32.8
 265 20.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 39.39 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.00 min

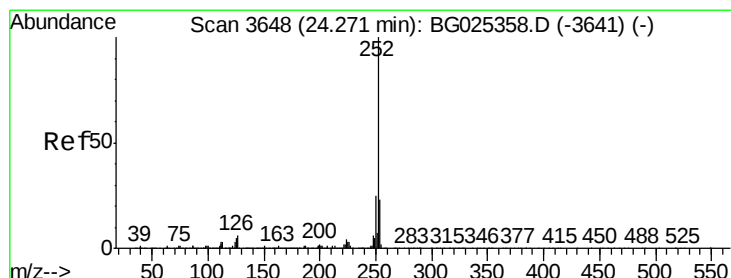
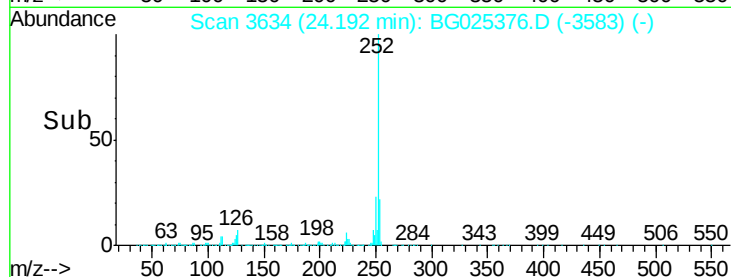
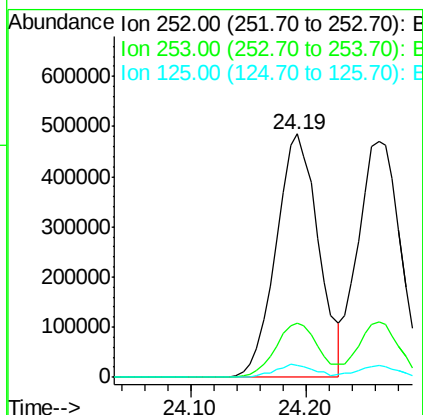
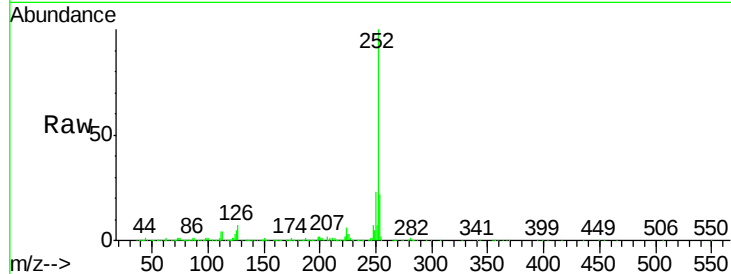
Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :
BNA_G
ClientSampleId :
PB95526BS

Tgt Ion:252 Resp: 1239420

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.7	28.1
125	5.1	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 39.25 ng

RT: 24.26 min Scan# 3646

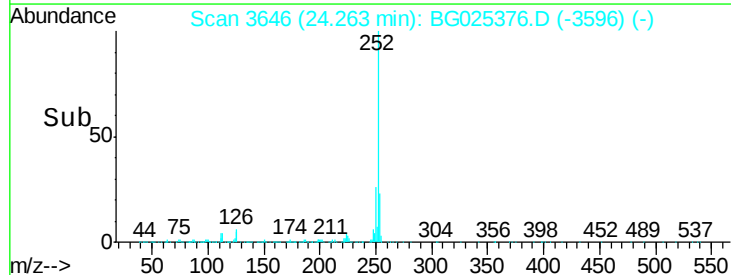
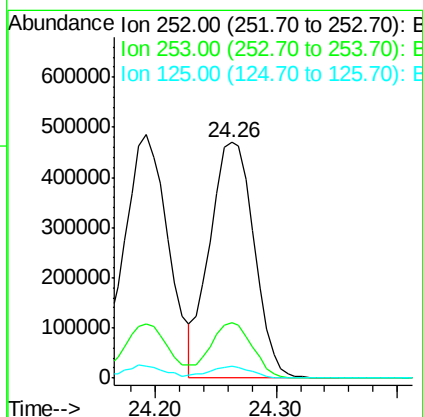
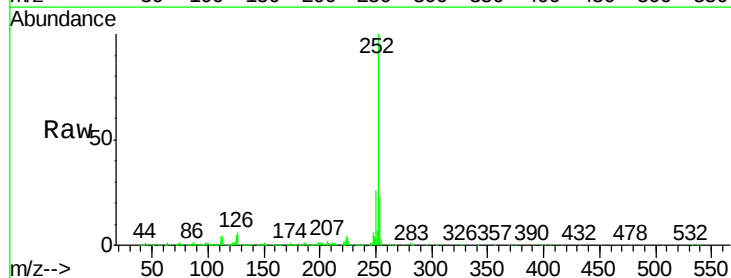
Delta R.T. -0.01 min

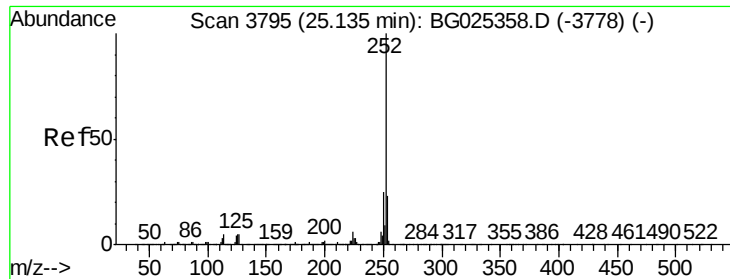
Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Tgt Ion:252 Resp: 1192628

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.2	30.2
125	5.2	5.1	7.7





#89

Benzo(a)pyrene

Concen: 39.12 ng

RT: 25.12 min Scan# 3792

Delta R.T. -0.01 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

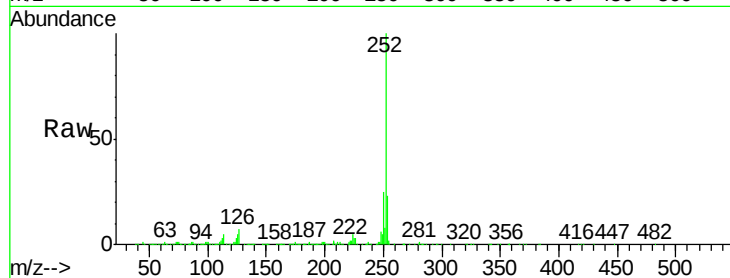
Tgt Ion:252 Resp: 1188771

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

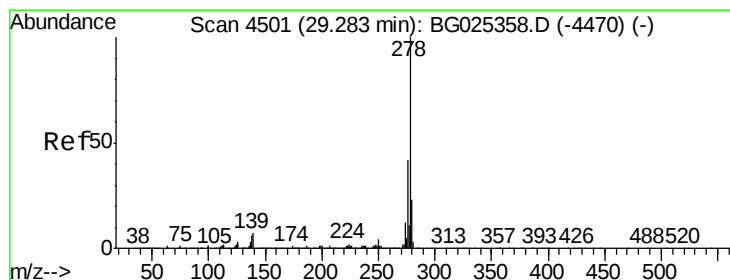
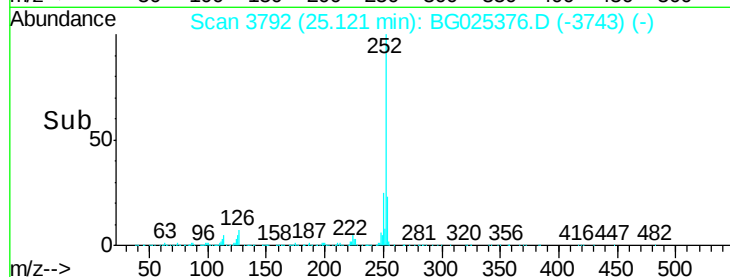
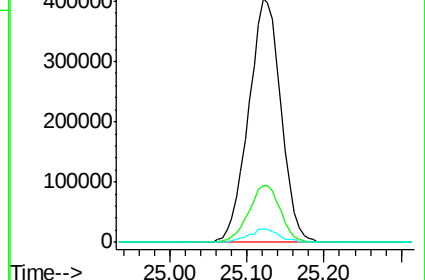
125 5.4 5.4 8.0



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: 38.79 ng

RT: 29.26 min Scan# 4497

Delta R.T. -0.02 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

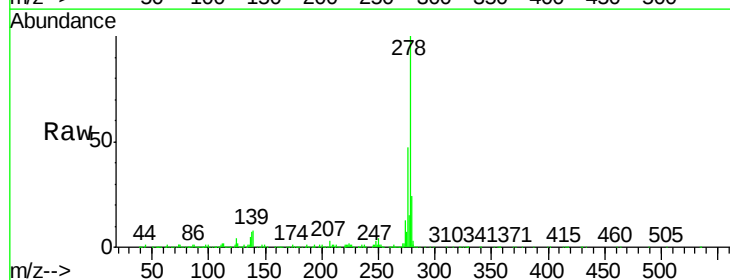
Tgt Ion:278 Resp: 1249247

Ion Ratio Lower Upper

278 100

139 8.3 7.7 11.5

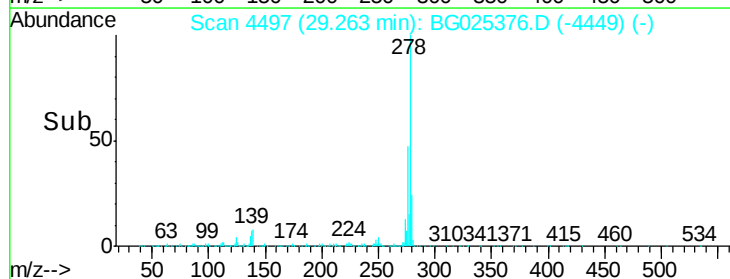
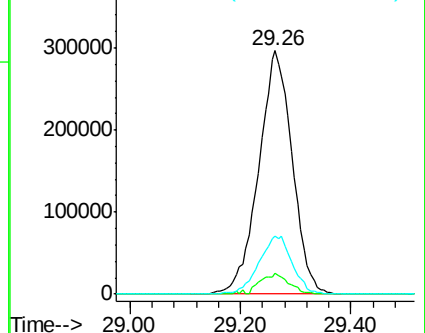
279 23.9 19.1 28.7

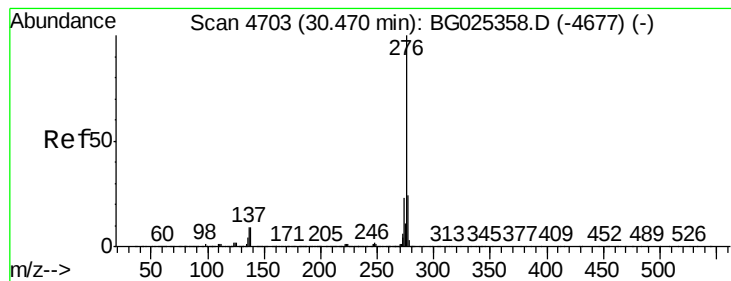


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.63 ng

RT: 30.46 min Scan# 4700

Delta R.T. -0.01 min

Lab File: BG025376.D

Acq: 22 Dec 2016 3:15

Instrument :

BNA_G

ClientSampleId :

PB95526BS

Tgt Ion:276 Resp: 1236513

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 8.8 8.1 12.1

