

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025415.D
 Acq On : 30 Dec 2016 15:59
 Operator : UM/SJ
 Sample : PB95693BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

Quant Time: Dec 30 22:06:44 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	47296	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	198614	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	157932	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	380281	20.00	ng	0.00
75) Chrysene-d12	21.87	240	560943	20.00	ng	0.00
86) Perylene-d12	25.28	264	594005	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	379653	145.91	ng	0.00
7) Phenol-d6	7.36	99	527870	144.05	ng	0.00
23) Nitrobenzene-d5	9.39	82	385410	85.73	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	339605	133.56	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	864210	88.59	ng	0.00
78) Terphenyl-d14	20.16	244	1712970	80.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	39203	35.31	ng	# 93
3) Pyridine	4.00	79	113648	35.31	ng	89
4) n-Nitrosodimethylamine	3.92	42	77754	40.70	ng	# 94
6) Aniline	7.53	93	65723	13.24	ng	# 91
8) 2-Chlorophenol	7.77	128	125739	42.84	ng	93
9) Benzaldehyde	7.36	77	14329	5.34	ng	86
10) Phenol	7.39	94	190806	46.97	ng	98
11) bis(2-Chloroethyl)ether	7.62	93	125895	40.22	ng	94
12) 1,3-Dichlorobenzene	8.09	146	141825	39.93	ng	98
13) 1,4-Dichlorobenzene	8.24	146	143946	39.10	ng	96
14) 1,2-Dichlorobenzene	8.56	146	141444	40.26	ng	90
15) Benzyl Alcohol	8.45	79	152865	43.69	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.73	45	228239	39.37	ng	95
17) 2-Methylphenol	8.65	107	123399	46.26	ng	97
18) Hexachloroethane	9.29	117	57972	41.00	ng	98
19) n-Nitroso-di-n-propylamine	9.01	70	130122	42.04	ng	92
20) 3+4-Methylphenols	8.99	107	161070	43.63	ng	98
22) Acetophenone	9.04	105	217109	39.34	ng	# 94
24) Nitrobenzene	9.43	77	192446	39.03	ng	98
25) Isophorone	9.94	82	342276	42.05	ng	96
26) 2-Nitrophenol	10.15	139	79087	41.93	ng	92
27) 2,4-Dimethylphenol	10.19	122	143301	46.22	ng	93
28) bis(2-Chloroethoxy)methane	10.43	93	180711	42.75	ng	96
29) 2,4-Dichlorophenol	10.69	162	150098	45.24	ng	92
30) 1,2,4-Trichlorobenzene	10.89	180	163545	40.80	ng	96
31) Naphthalene	11.08	128	395638	39.89	ng	99
32) Benzoic acid	10.34	122	92719	37.18	ng	96
33) 4-Chloroaniline	11.21	127	31877	7.64	ng	91
34) Hexachlorobutadiene	11.34	225	131229	40.11	ng	94
35) Caprolactam	11.98	113	27141	21.77	ng	96
36) 4-Chloro-3-methylphenol	12.32	107	175916	42.95	ng	98
37) 2-Methylnaphthalene	12.68	142	311188	42.34	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	218620	41.93	ng	97
40) Hexachlorocyclopentadiene	13.00	237	207090	105.68	ng	97

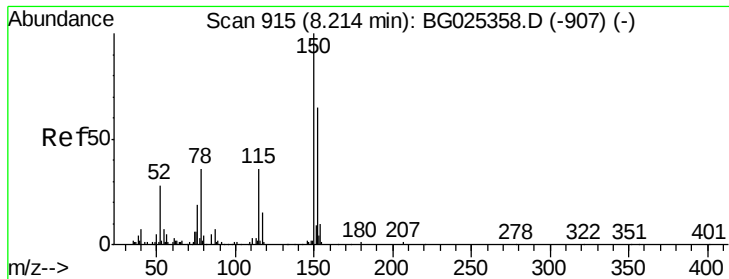
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025415.D
 Acq On : 30 Dec 2016 15:59
 Operator : UM/SJ
 Sample : PB95693BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

Quant Time: Dec 30 22:06:44 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)
42) 2,4,6-Trichlorophenol	13.28	196	143126	43.59	ng	95
43) 2,4,5-Trichlorophenol	13.36	196	150694	43.85	ng	97
45) 1,1'-Biphenyl	13.67	154	448353	42.21	ng	95
46) 2-Chloronaphthalene	13.72	162	349160	42.07	ng	99
47) 2-Nitroaniline	13.94	65	145091	41.42	ng	98
48) Acenaphthylene	14.56	152	535229	41.61	ng	97
49) Dimethylphthalate	14.27	163	488162	42.40	ng	98
50) 2,6-Dinitrotoluene	14.42	165	106962	42.53	ng	96
51) Acenaphthene	14.90	154	348084	41.37	ng	99
52) 3-Nitroaniline	14.77	138	23477	9.71	ng	# 90
53) 2,4-Dinitrophenol	14.98	184	137045	82.89	ng	88
54) Dibenzofuran	15.23	168	583314	43.86	ng	97
55) 4-Nitrophenol	15.07	139	160075	88.63	ng	87
56) 2,4-Dinitrotoluene	15.21	165	163351	44.60	ng	95
57) Fluorene	15.88	166	471700	42.36	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.46	232	161618	43.90	ng	93
59) Diethylphthalate	15.63	149	513638	42.54	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	264783	41.96	ng	98
61) 4-Nitroaniline	15.93	138	96354	39.60	ng	# 76
62) Azobenzene	16.15	77	538906	46.28	ng	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	106432	40.41	ng	88
65) n-Nitrosodiphenylamine	16.08	169	440044	42.81	ng	100
66) 4-Bromophenyl-phenylether	16.75	248	196679	41.92	ng	96
67) Hexachlorobenzene	16.88	284	215851	40.09	ng	# 85
68) Atrazine	17.01	200	203868	45.27	ng	98
69) Pentachlorophenol	17.23	266	224376	80.39	ng	98
70) Phenanthrene	17.62	178	828461	42.28	ng	95
71) Anthracene	17.71	178	846653	42.52	ng	96
72) Carbazole	17.99	167	740895	41.60	ng	96
73) Di-n-butylphthalate	18.50	149	920444	42.01	ng	95
74) Fluoranthene	19.62	202	1118209	43.20	ng	93
76) Benzidine	19.80	184	267271	19.10	ng	98
77) Pyrene	19.99	202	1144395	39.04	ng	97
79) Butylbenzylphthalate	20.83	149	468738	39.82	ng	96
80) Benzo(a)anthracene	21.85	228	1290970	41.26	ng	96
81) 3,3'-Dichlorobenzidine	21.76	252	227881	18.75	ng	98
82) Chrysene	21.92	228	1201073	40.03	ng	96
83) Bis(2-ethylhexyl)phthalate	21.70	149	668292	40.80	ng	99
84) Di-n-octyl phthalate	22.95	149	1161741	42.72	ng	95
85) Indeno(1,2,3-cd)pyrene	29.22	276	1611567	42.25	ng	# 77
87) Benzo(b)fluoranthene	24.19	252	1336374	41.23	ng	# 99
88) Benzo(k)fluoranthene	24.26	252	1316048	42.05	ng	95
89) Benzo(a)pyrene	25.12	252	1306393	41.74	ng	98
90) Dibenzo(a,h)anthracene	29.26	278	1377283	41.51	ng	# 94
91) Benzo(g,h,i)perylene	30.46	276	1365130	41.41	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

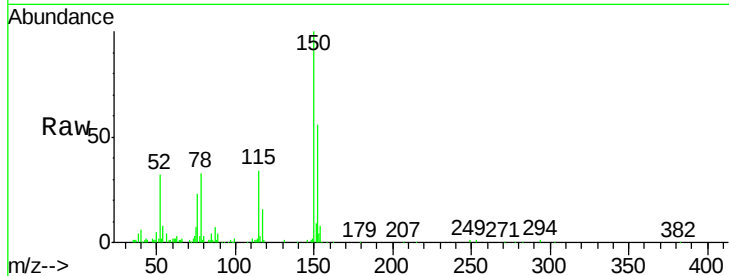
Tgt Ion:152 Resp: 47296

Ion Ratio Lower Upper

152 100

150 178.0 114.0 171.0#

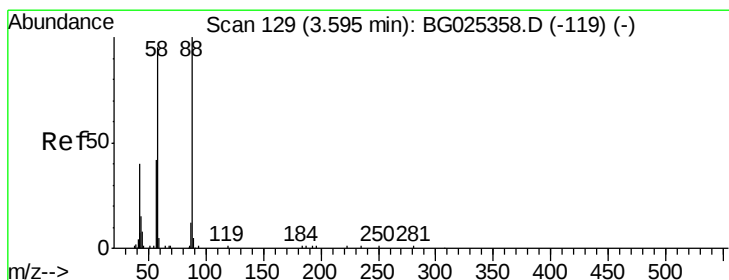
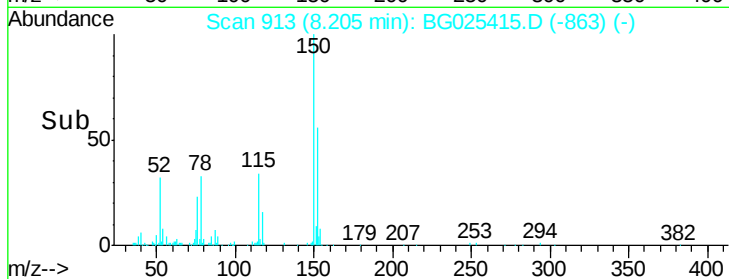
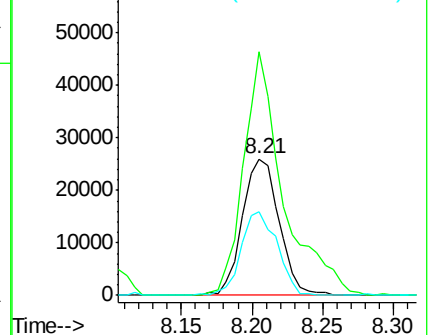
115 61.0 48.1 72.1



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: 35.31 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

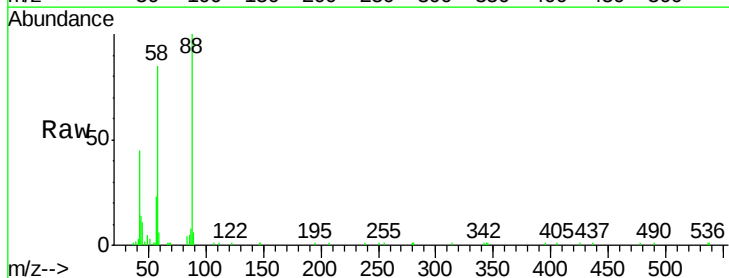
Tgt Ion: 88 Resp: 39203

Ion Ratio Lower Upper

88 100

58 95.2 79.4 119.2

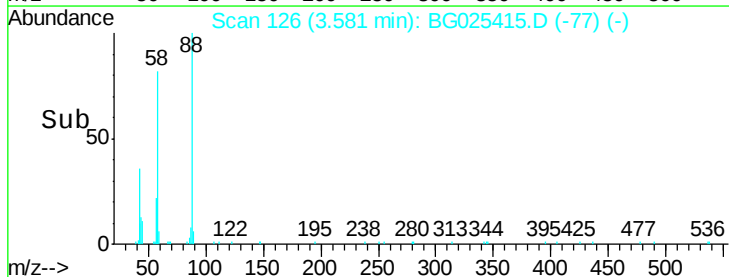
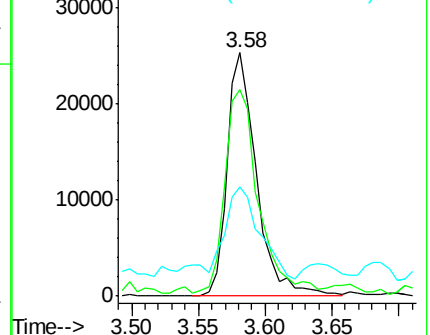
43 51.7 33.8 50.6#

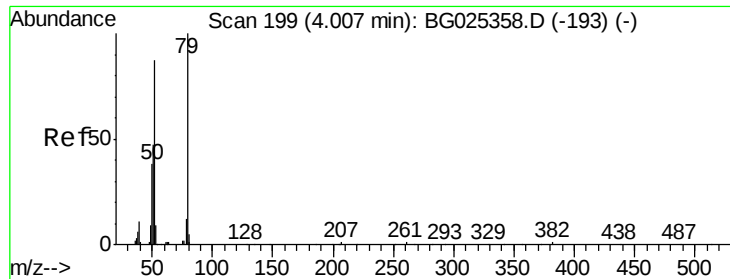


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.31 ng

RT: 4.00 min Scan# 197

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

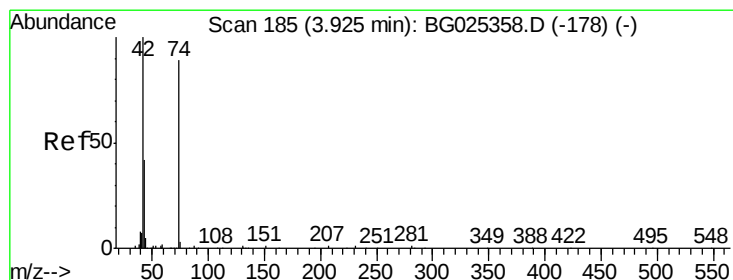
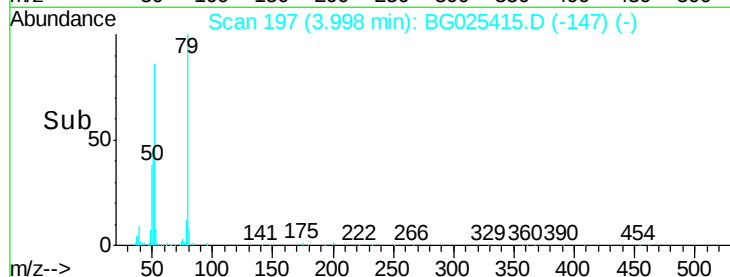
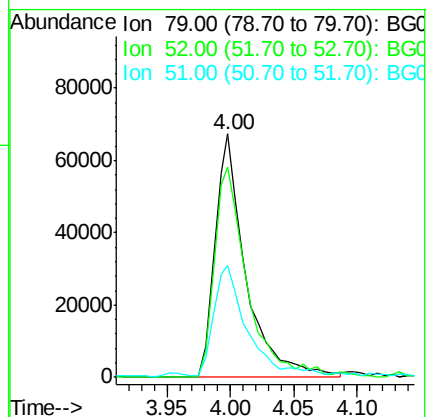
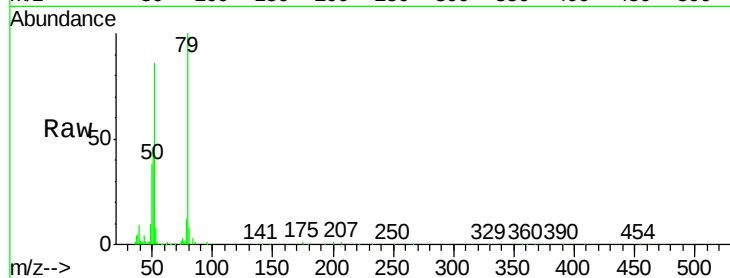
Tgt Ion: 79 Resp: 113648

Ion Ratio Lower Upper

79 100

52 86.4 77.8 116.6

51 46.0 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 40.70 ng

RT: 3.92 min Scan# 183

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

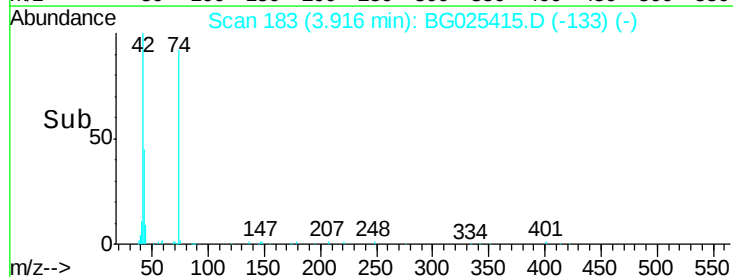
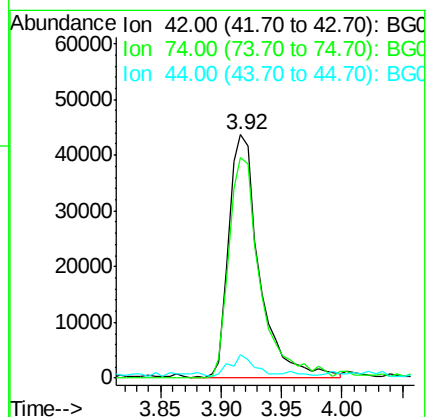
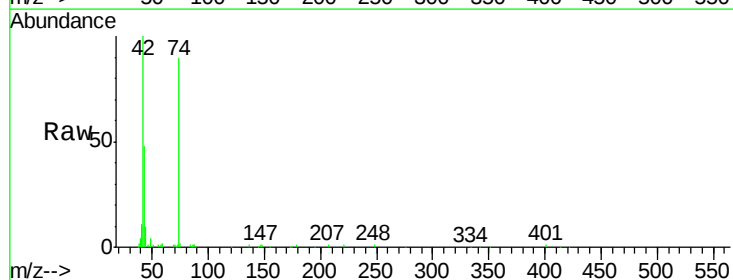
Tgt Ion: 42 Resp: 77754

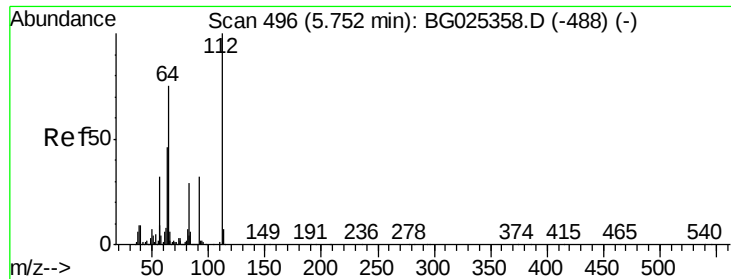
Ion Ratio Lower Upper

42 100

74 90.4 76.7 115.1

44 9.7 6.1 9.1#





#5

2-Fluorophenol

Concen: 145.91 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

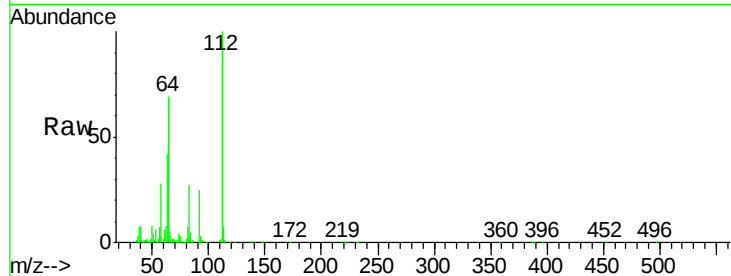
Tgt Ion: 112 Resp: 379653

Ion Ratio Lower Upper

112 100

64 68.6 61.8 92.6

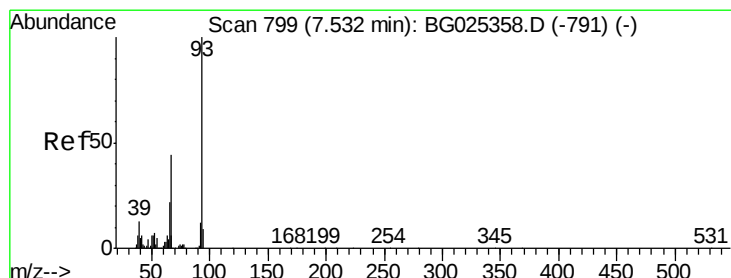
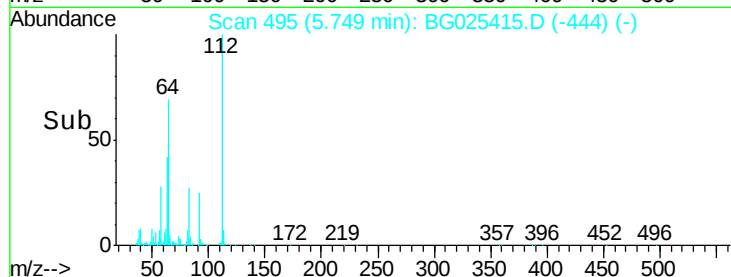
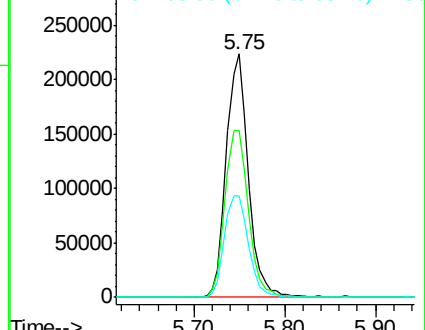
63 41.9 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.24 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

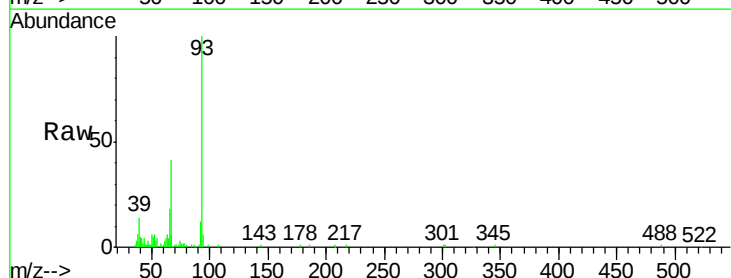
Tgt Ion: 93 Resp: 65723

Ion Ratio Lower Upper

93 100

66 41.2 35.4 53.2

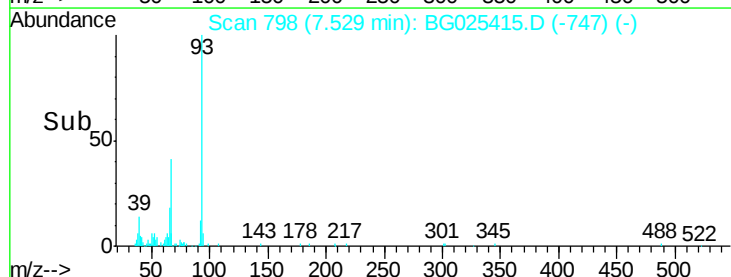
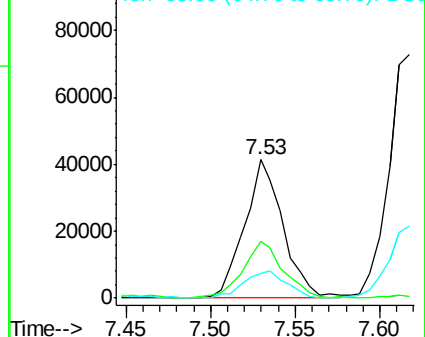
65 18.0 21.2 31.8#

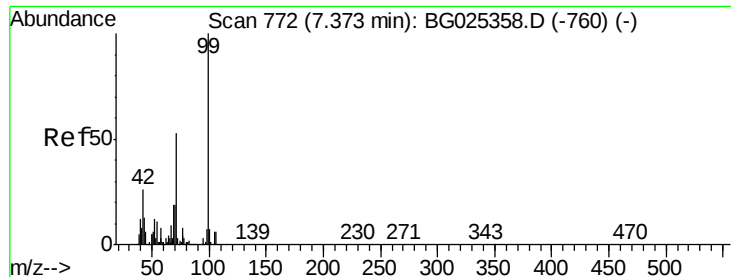


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.05 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

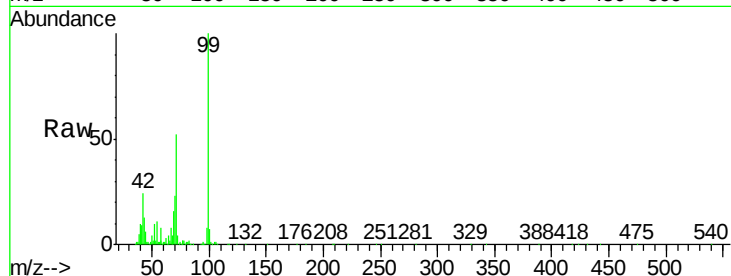
Tgt Ion: 99 Resp: 527870

Ion Ratio Lower Upper

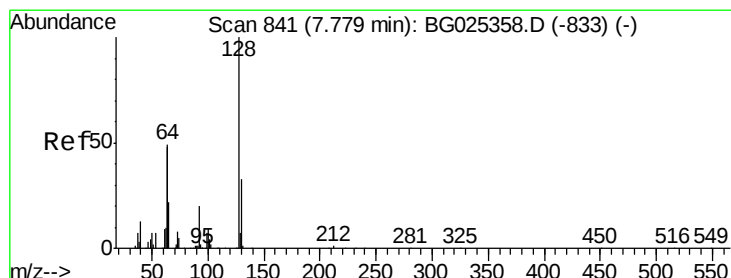
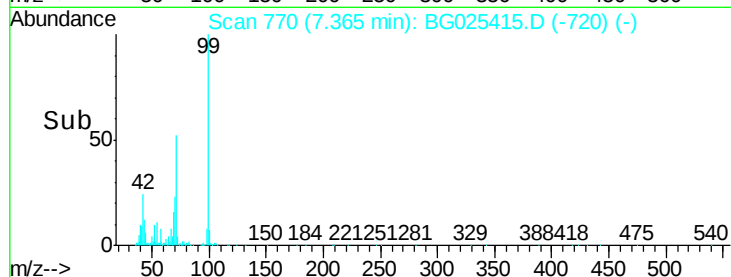
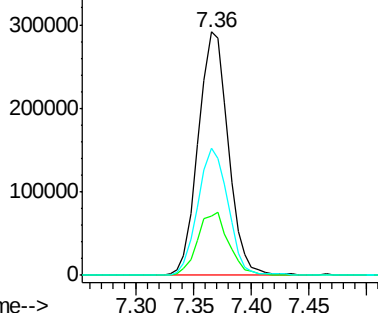
99 100

42 24.2 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: 42.84 ng

RT: 7.77 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

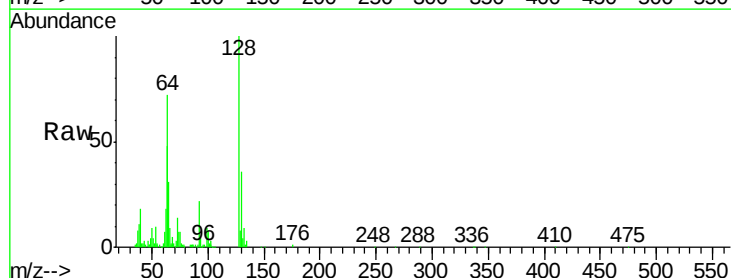
Tgt Ion: 128 Resp: 125739

Ion Ratio Lower Upper

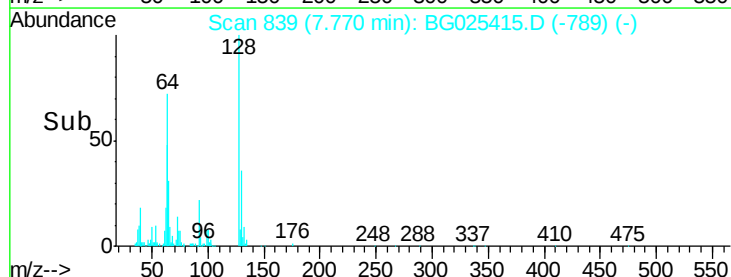
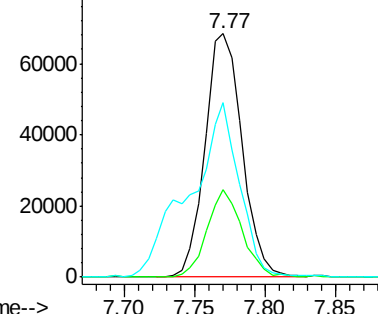
128 100

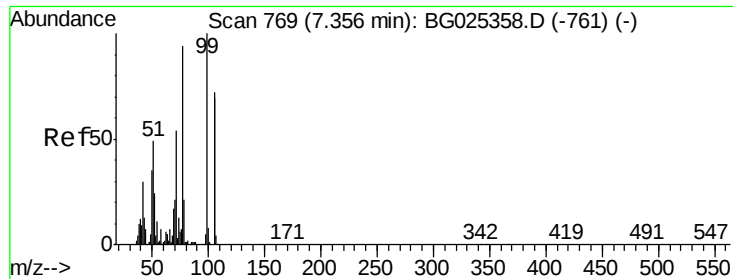
130 35.7 11.4 51.4

64 71.7 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: 5.34 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampled :

PB95693BS

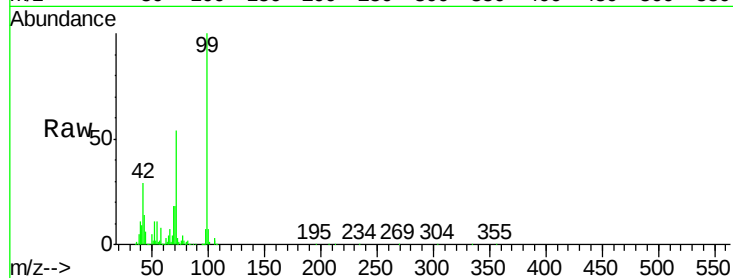
Tgt Ion: 77 Resp: 14329

Ion Ratio Lower Upper

77 100

105 72.8 60.9 100.9

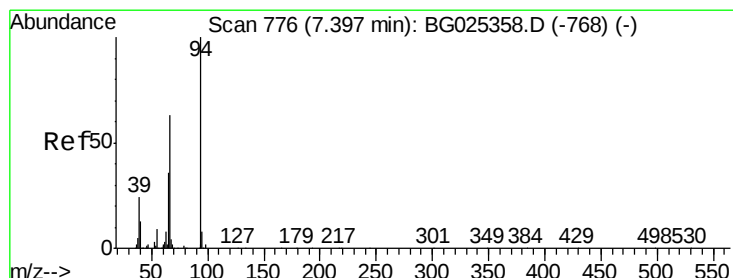
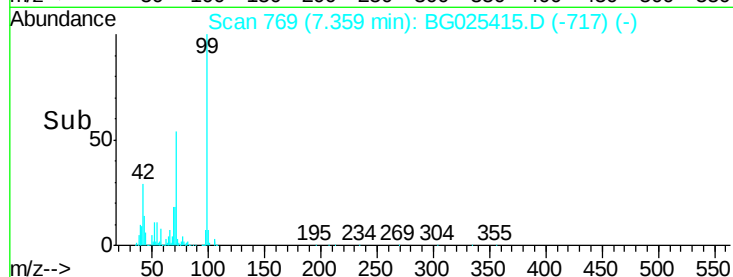
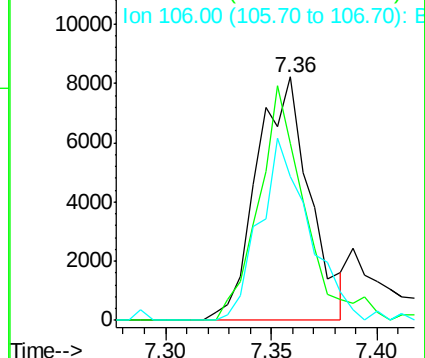
106 59.0 55.1 95.1



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: 46.97 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

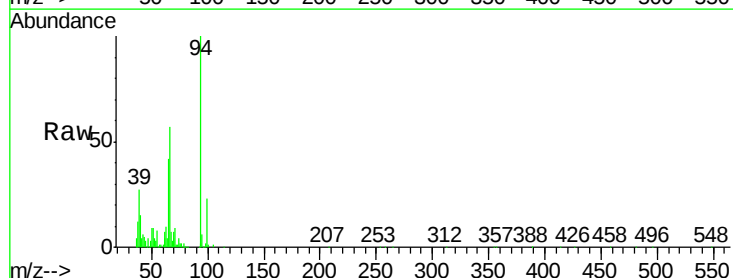
Tgt Ion: 94 Resp: 190806

Ion Ratio Lower Upper

94 100

65 41.8 20.6 60.6

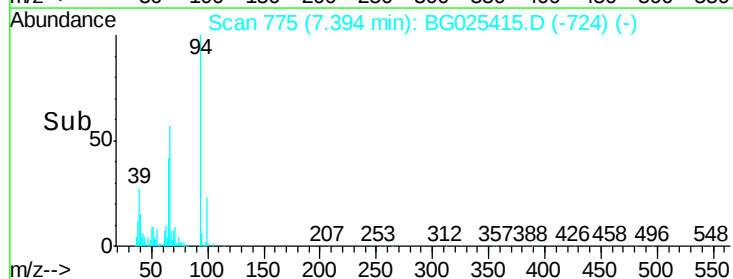
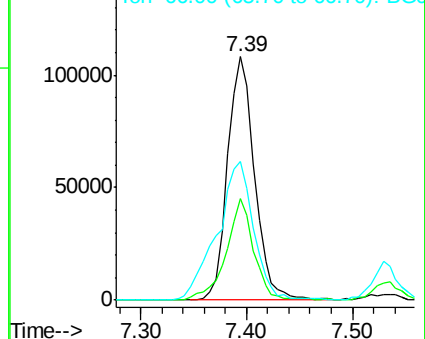
66 57.1 35.5 75.5

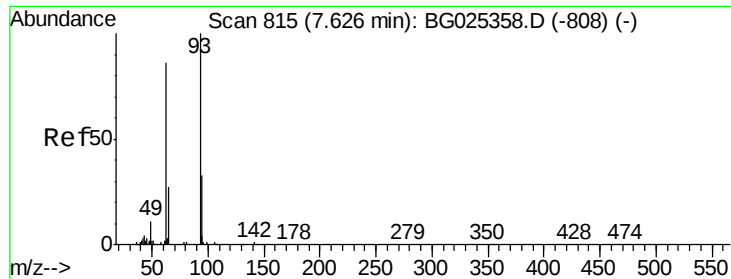


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

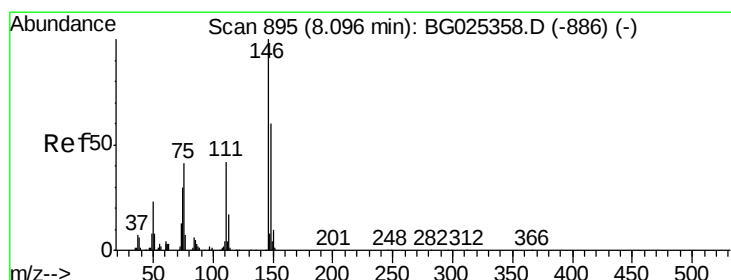
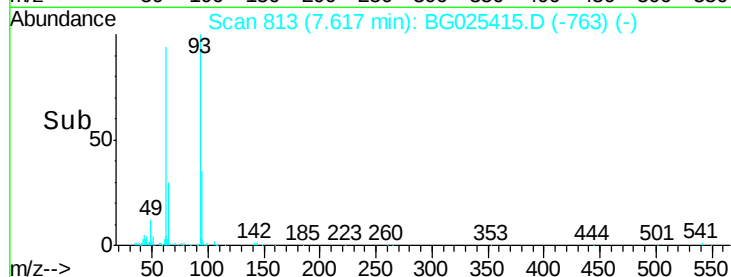
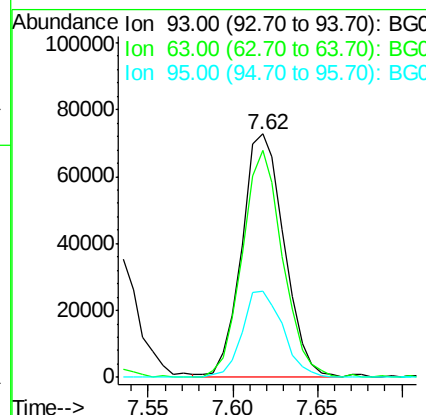
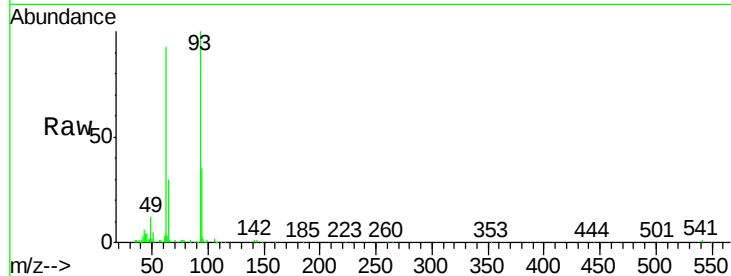




#11
bis(2-Chloroethyl)ether
Concen: 40.22 ng
RT: 7.62 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

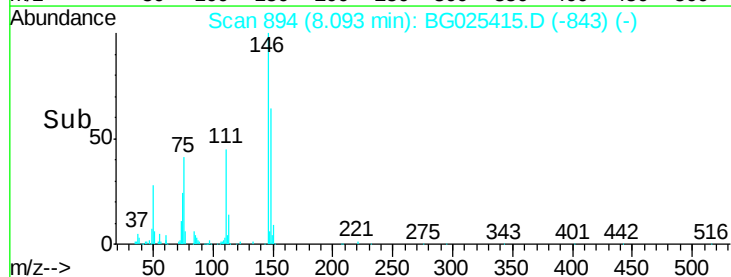
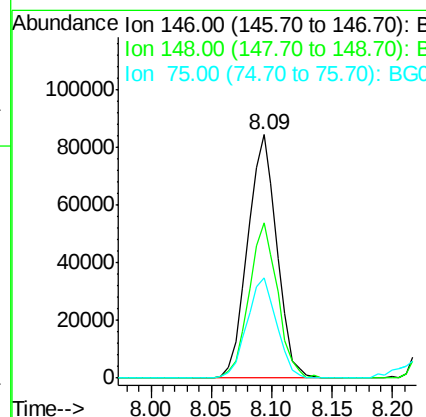
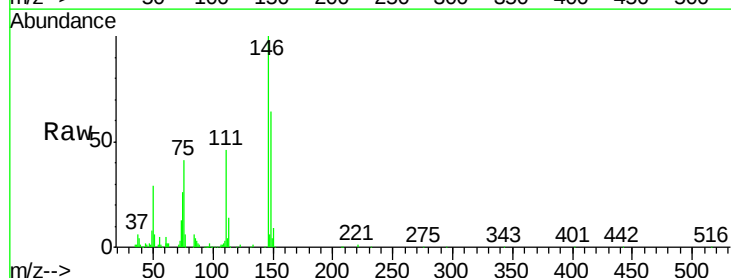
Instrument :
BNA_G
ClientSampleId :
PB95693BS

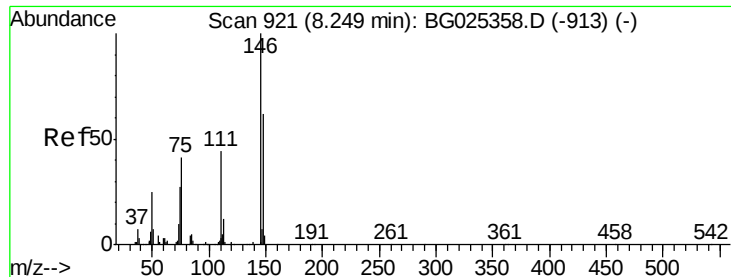
Tgt Ion: 93 Resp: 125895
Ion Ratio Lower Upper
93 100
63 93.4 78.5 118.5
95 35.3 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 39.93 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion: 146 Resp: 141825
Ion Ratio Lower Upper
146 100
148 63.9 49.2 73.8
75 41.3 33.4 50.2

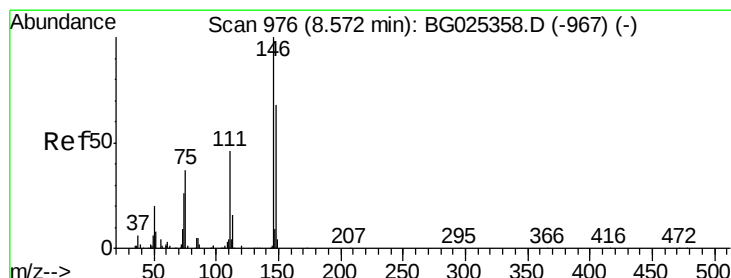
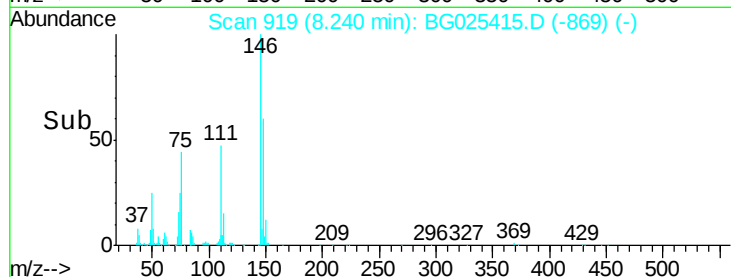
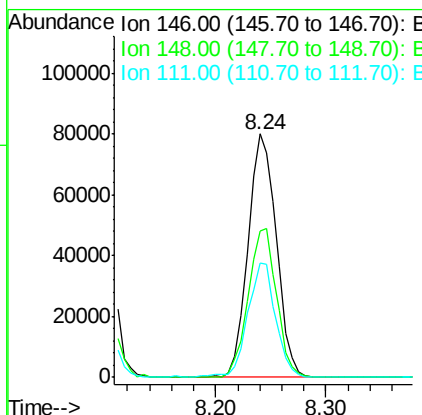
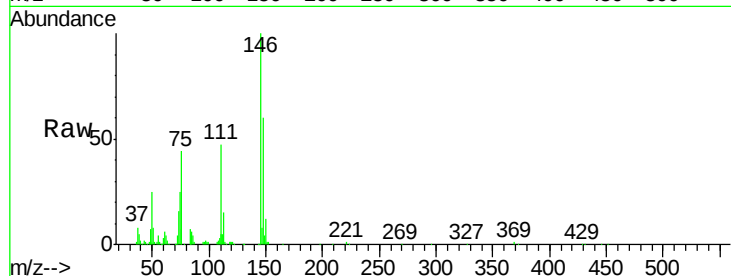




#13
 1,4-Dichlorobenzene
 Concen: 39.10 ng
 RT: 8.24 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

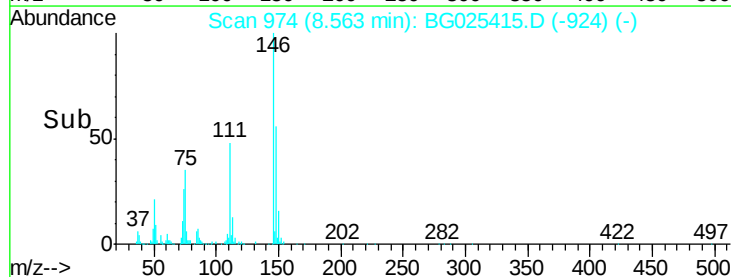
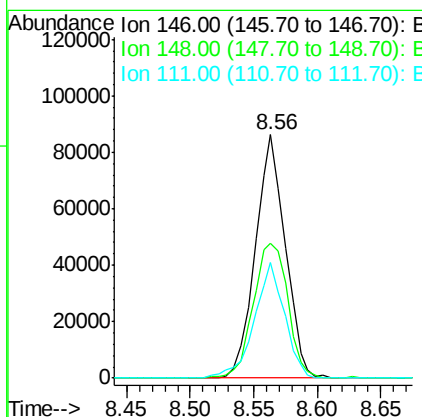
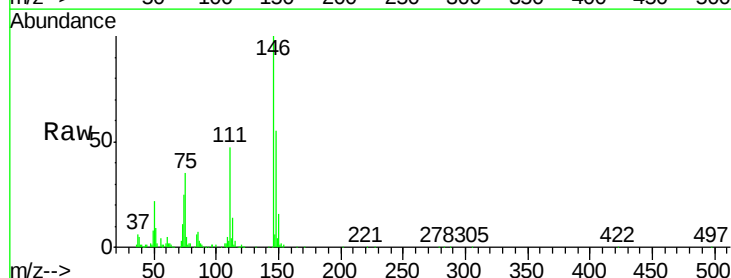
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

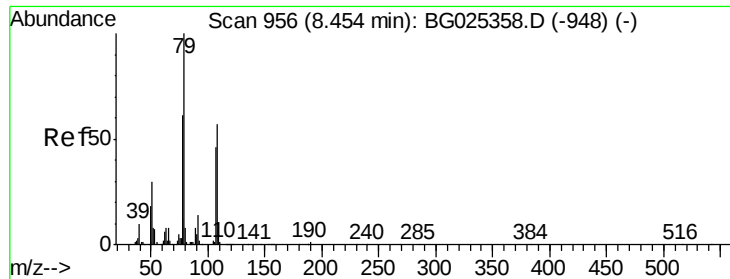
Tgt Ion:146 Resp: 143946
 Ion Ratio Lower Upper
 146 100
 148 60.1 52.2 78.2
 111 47.1 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 40.26 ng
 RT: 8.56 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion:146 Resp: 141444
 Ion Ratio Lower Upper
 146 100
 148 55.5 54.6 81.8
 111 47.5 39.7 59.5





#15

Benzyl Alcohol

Concen: 43.69 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

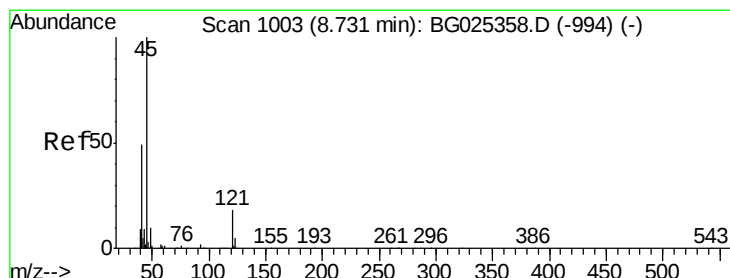
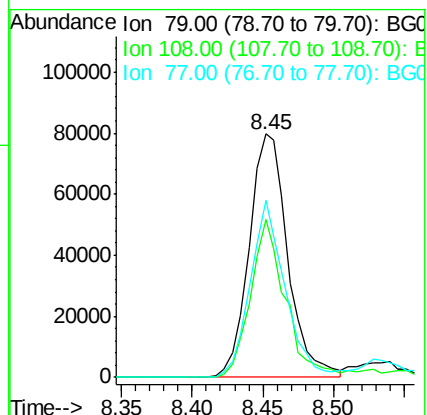
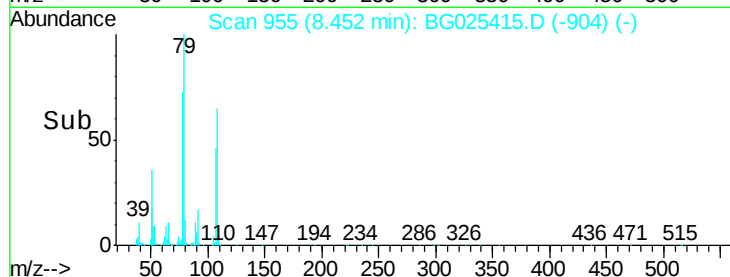
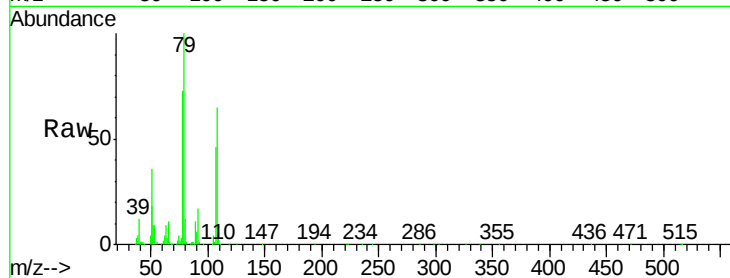
Tgt Ion: 79 Resp: 152865

Ion Ratio Lower Upper

79 100

108 64.9 45.5 68.3

77 72.9 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.37 ng

RT: 8.73 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

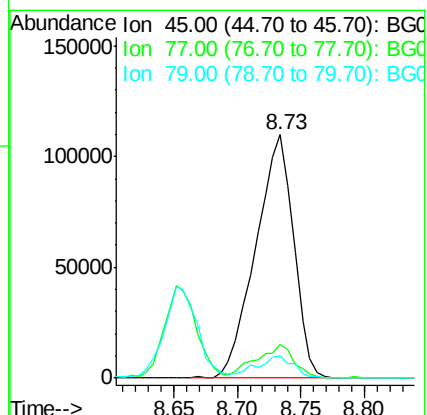
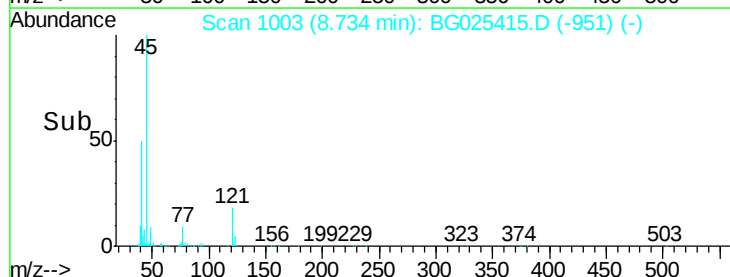
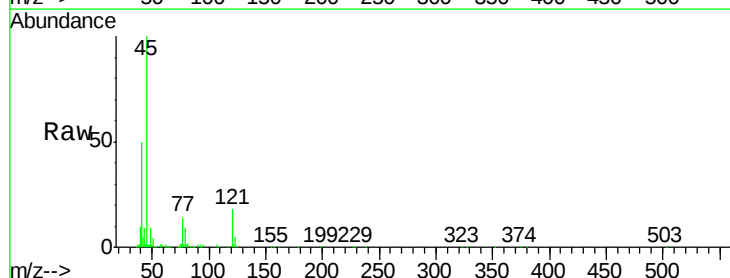
Tgt Ion: 45 Resp: 228239

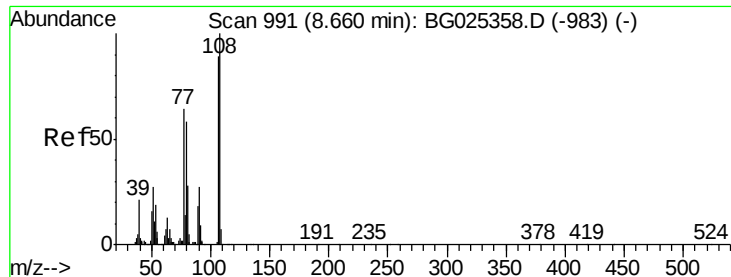
Ion Ratio Lower Upper

45 100

77 13.7 0.0 30.6

79 8.9 0.0 28.5

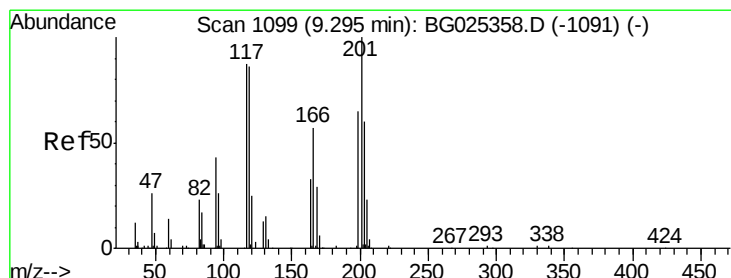
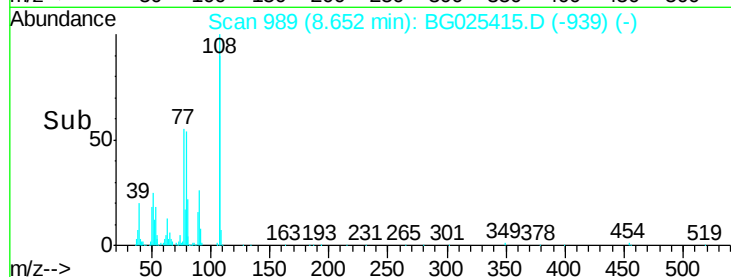
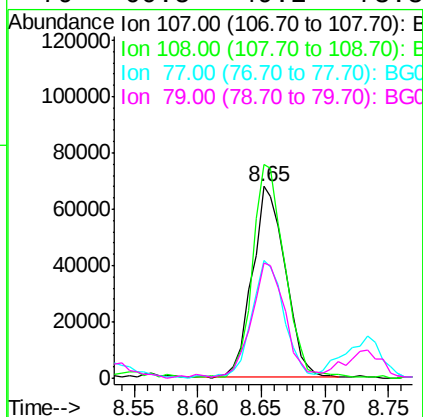
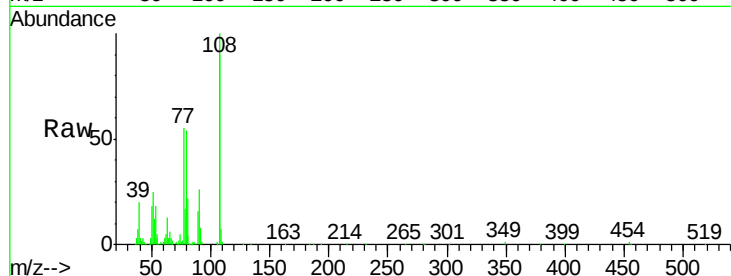




#17
2-Methylphenol
Concen: 46.26 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

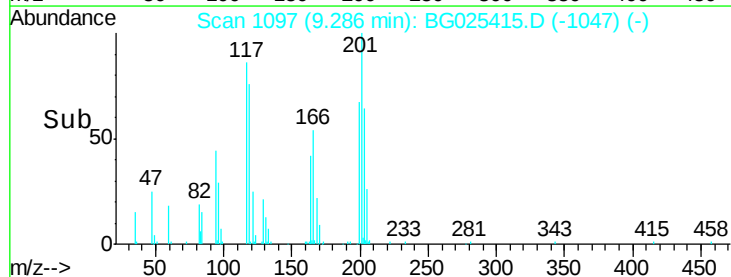
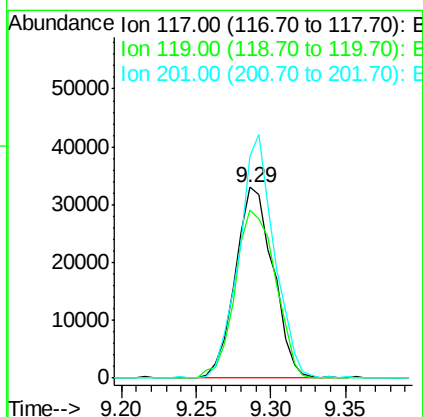
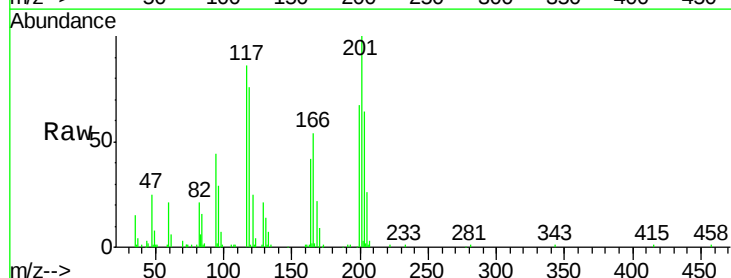
Instrument :
BNA_G
ClientSampleId :
PB95693BS

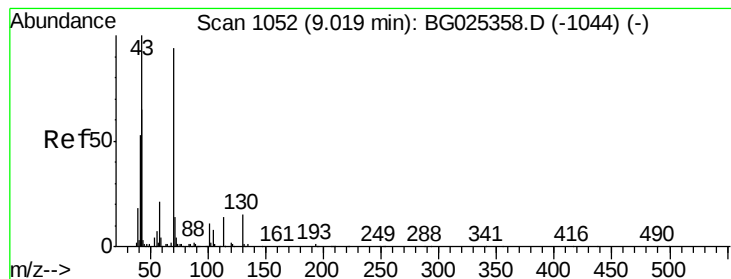
Tgt Ion:	107	Resp:	123399
Ion	Ratio	Lower	Upper
107	100		
108	111.6	85.6	128.4
77	61.6	51.4	77.2
79	60.5	49.2	73.8



#18
Hexachloroethane
Concen: 41.00 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion:	117	Resp:	57972
Ion	Ratio	Lower	Upper
117	100		
119	88.1	69.8	104.6
201	116.2	95.4	143.0

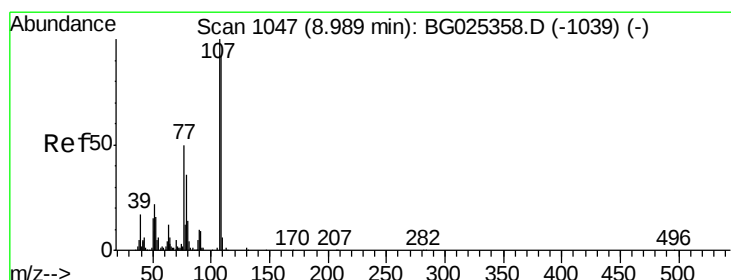
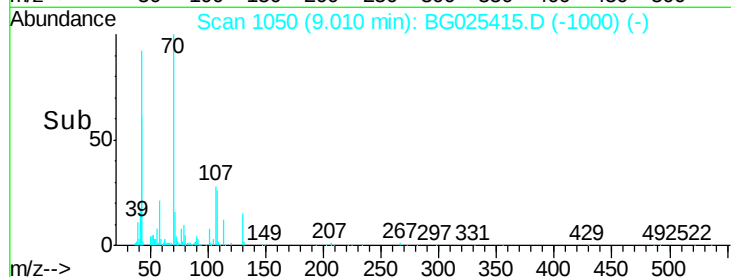
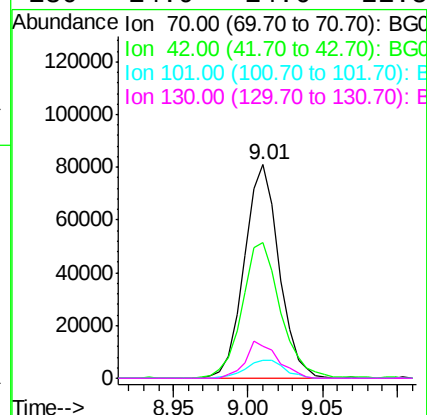
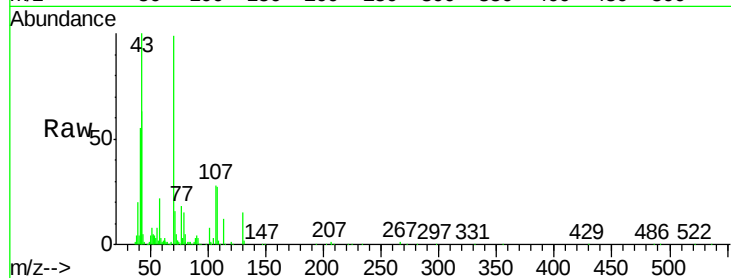




#19
 n-Nitroso-di-n-propylamine
 Concen: 42.04 ng
 RT: 9.01 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

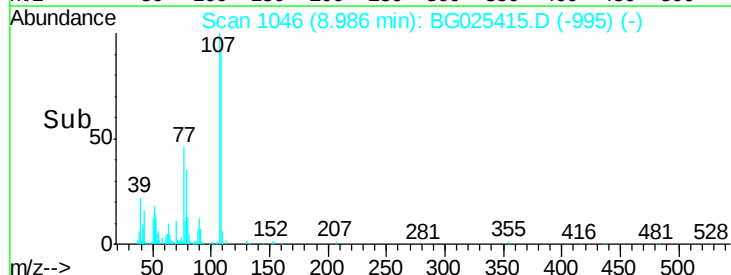
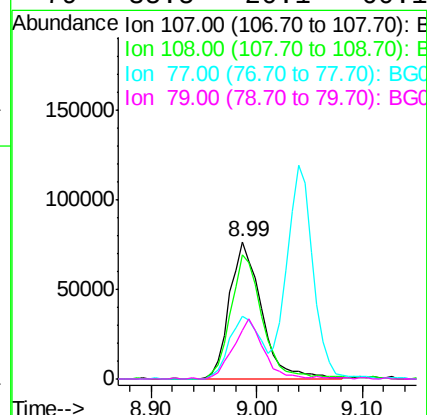
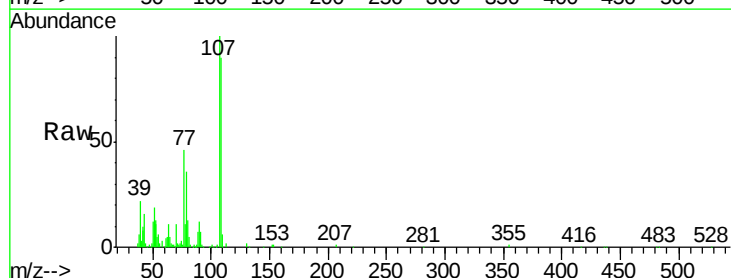
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

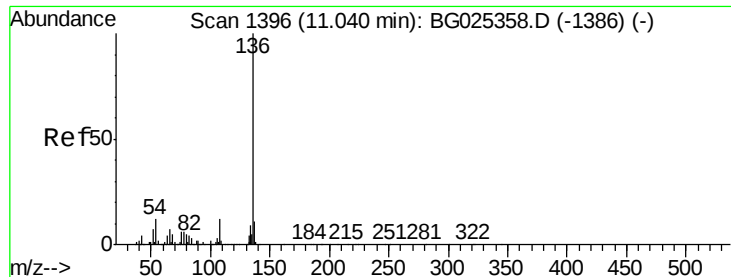
Tgt Ion:	70	Resp:	130122
Ion	Ratio	Lower	Upper
70	100		
42	63.4	56.1	84.1
101	8.3	7.5	11.3
130	14.9	14.6	21.8



#20
 3+4-Methylphenols
 Concen: 43.63 ng
 RT: 8.99 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion:	107	Resp:	161070
Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.8	110.8
77	45.7	25.8	65.8
79	35.5	20.1	60.1

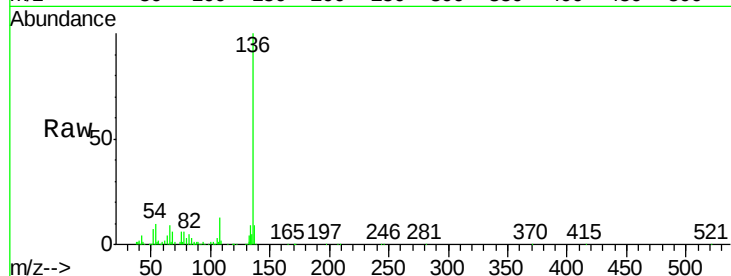




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Instrument :
BNA_G
ClientSampleId :
PB95693BS

Tgt Ion:	136	Resp:	198614
Ion	Ratio	Lower	Upper
136	100		
137	8.9	8.9	13.3
54	10.2	9.3	13.9
68	6.2	5.1	7.7



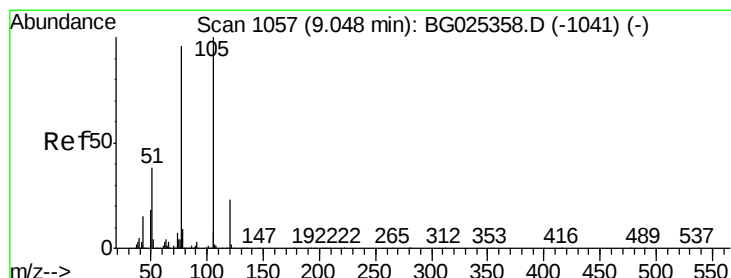
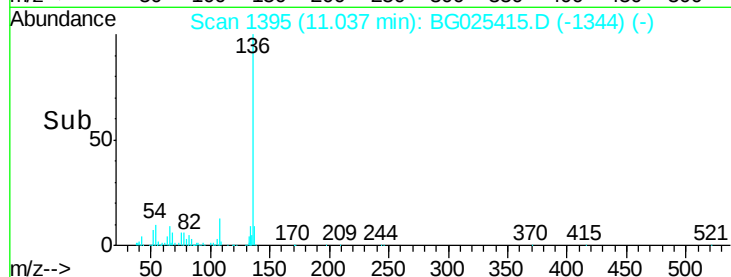
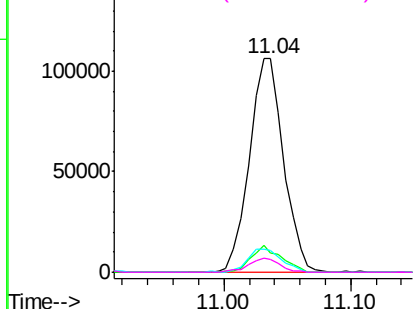
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

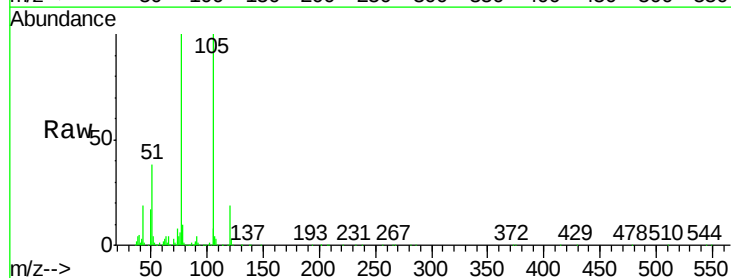
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.34 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion:	105	Resp:	217109
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.9	1.3#
51	38.0	34.0	51.0
120	19.1	17.3	25.9



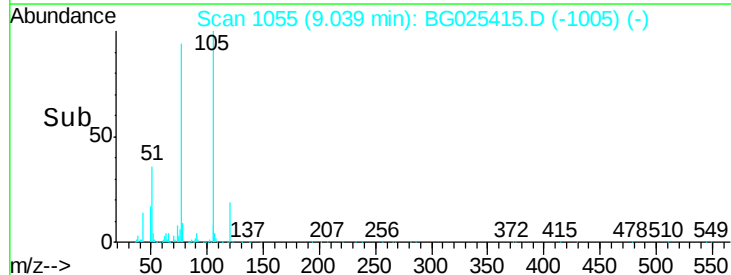
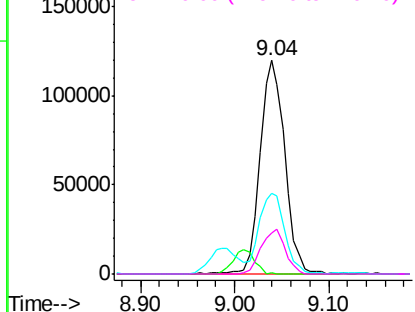
Abundance

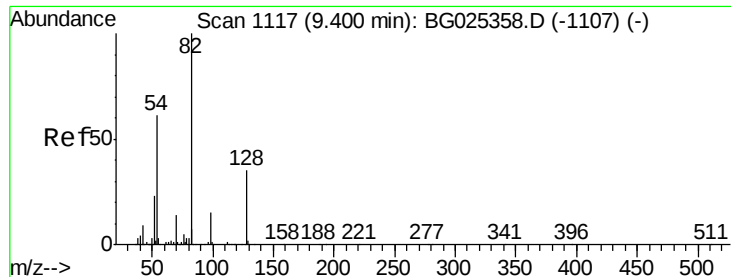
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

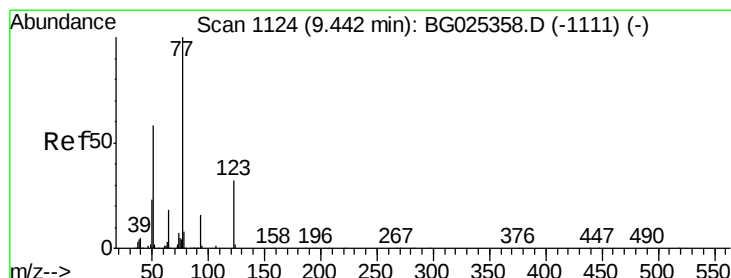
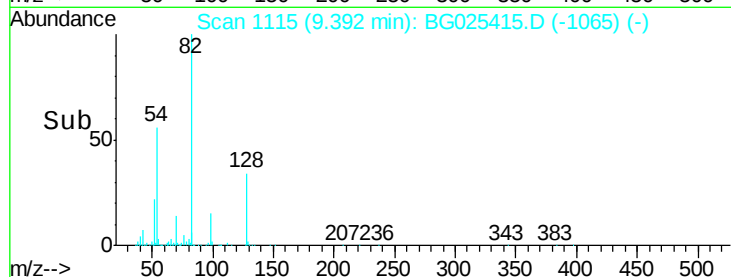
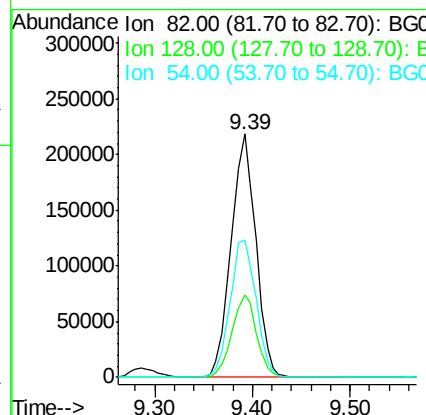
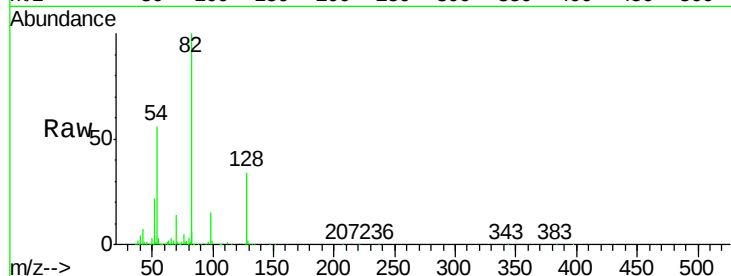




#23
 Nitrobenzene-d5
 Concen: 85.73 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

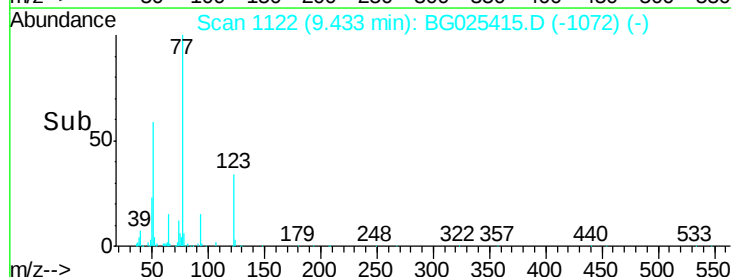
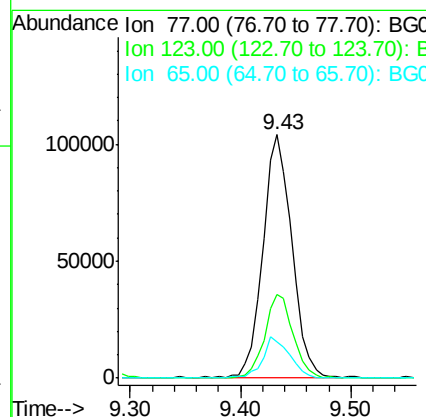
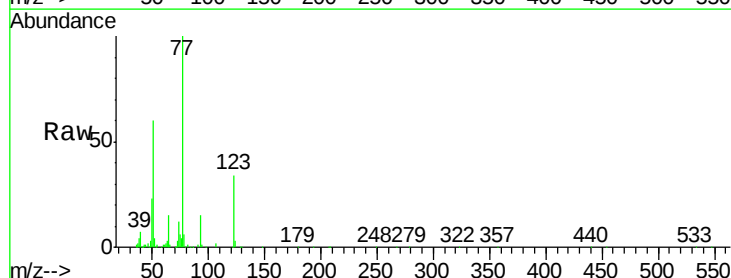
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

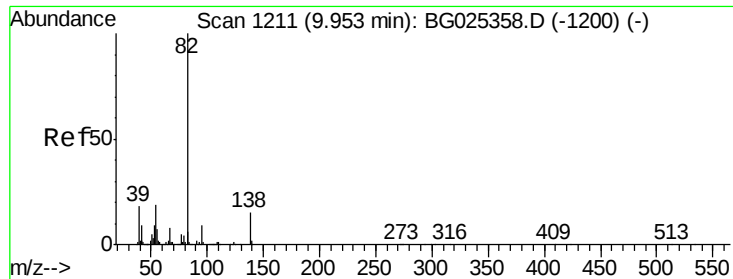
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.4	39.6
54	56.3	49.4	74.2



#24
 Nitrobenzene
 Concen: 39.03 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.1	26.1	39.1
65	14.7	12.4	18.6





#25

Isophorone

Concen: 42.05 ng

RT: 9.94 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

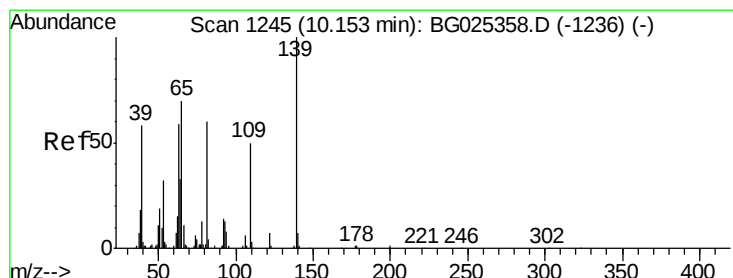
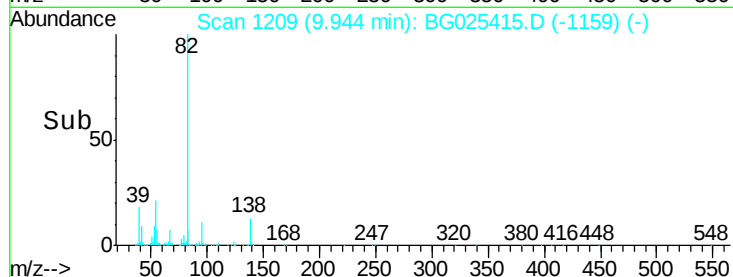
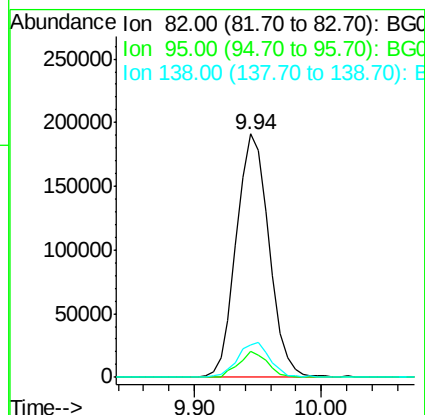
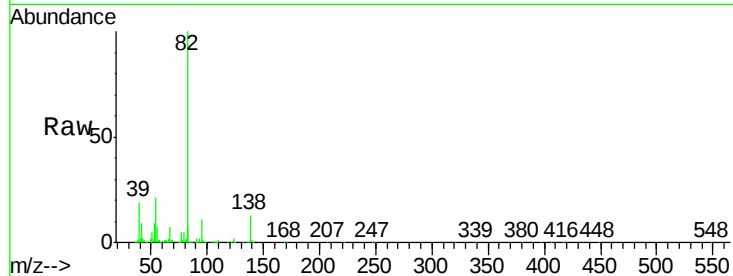
Tgt Ion: 82 Resp: 342276

Ion Ratio Lower Upper

82 100

95 10.7 7.5 11.3

138 13.4 12.3 18.5



#26

2-Nitrophenol

Concen: 41.93 ng

RT: 10.15 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

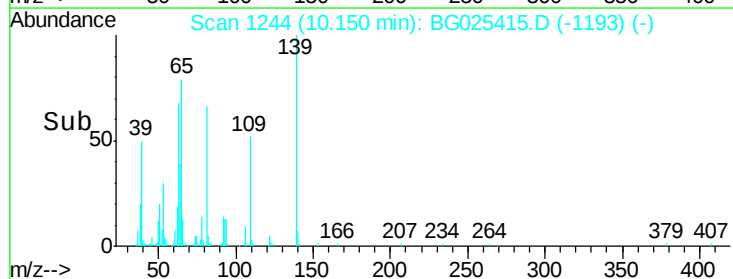
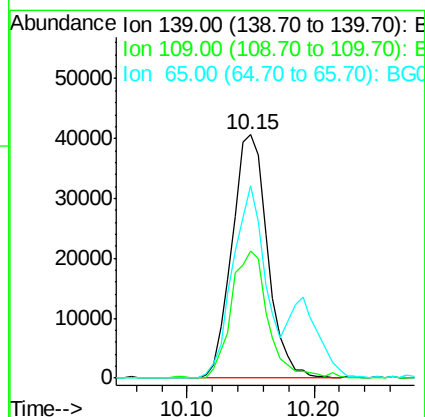
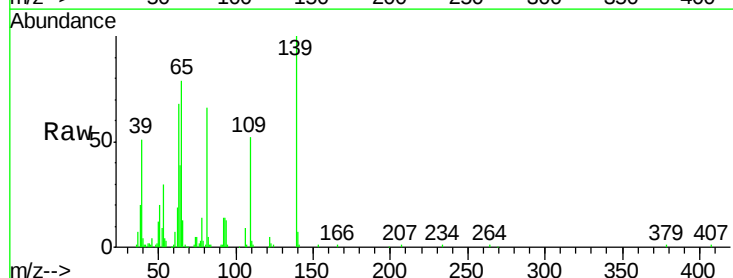
Tgt Ion: 139 Resp: 79087

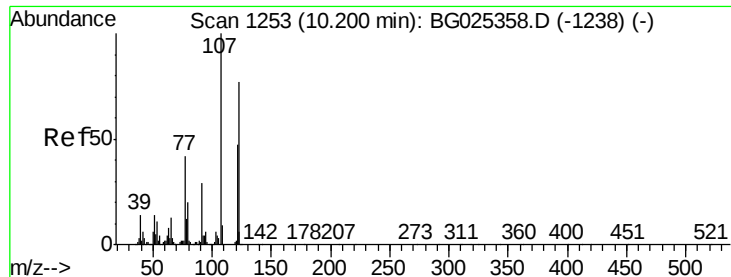
Ion Ratio Lower Upper

139 100

109 52.2 38.6 58.0

65 79.1 57.1 85.7

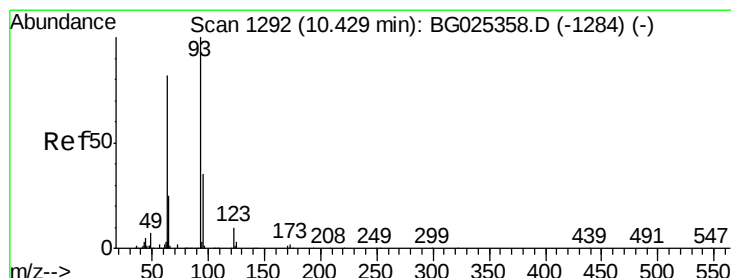
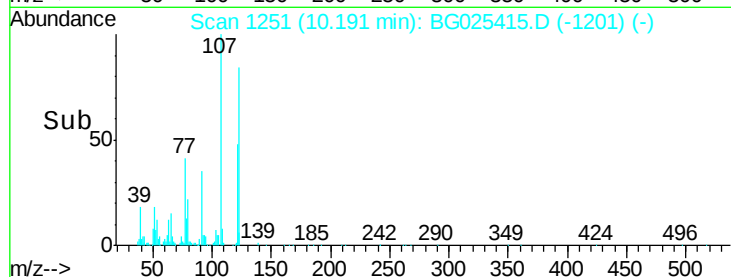
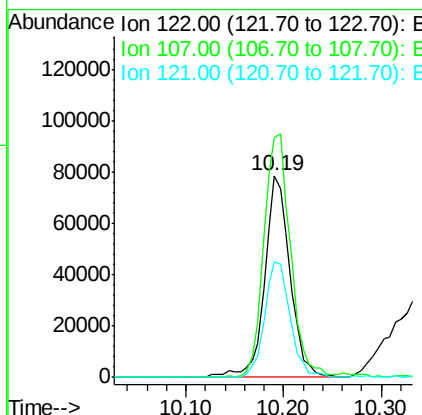
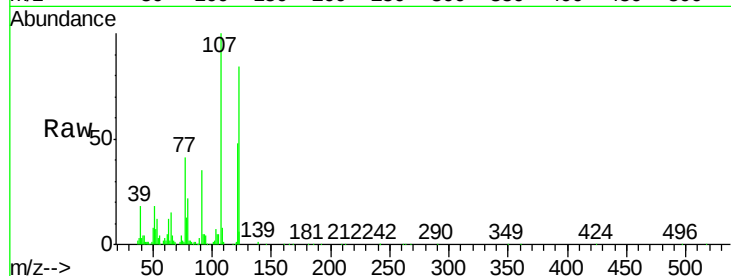




#27
 2,4-Dimethylphenol
 Concen: 46.22 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

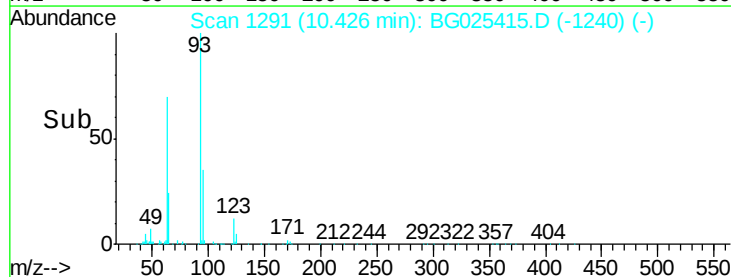
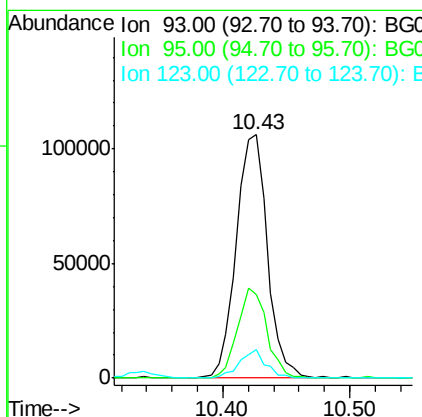
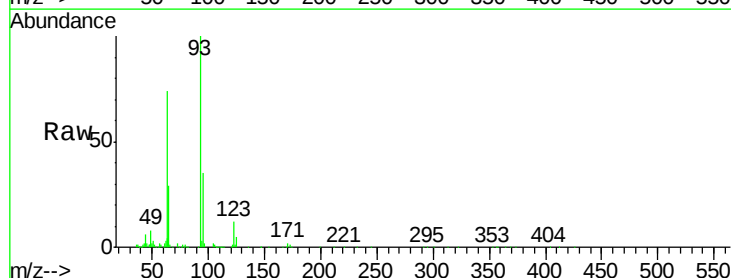
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

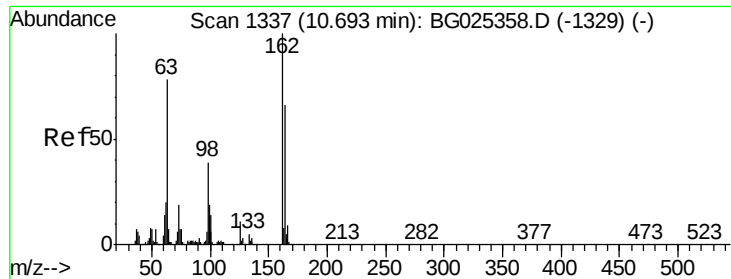
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.2	104.2	156.4
121	57.7	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.75 ng
 RT: 10.43 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	25.7	38.5
123	11.5	8.3	12.5

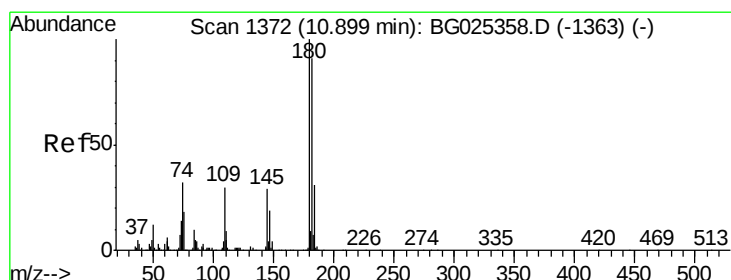
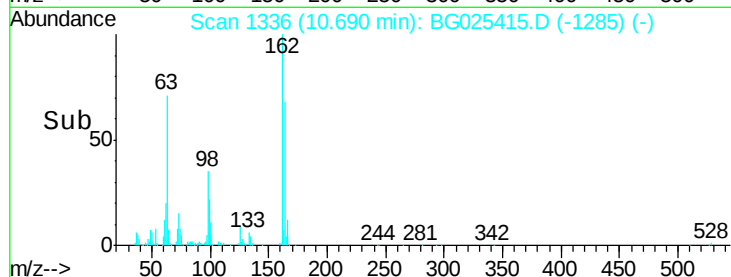
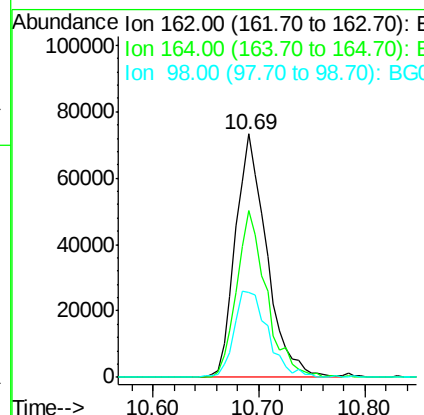
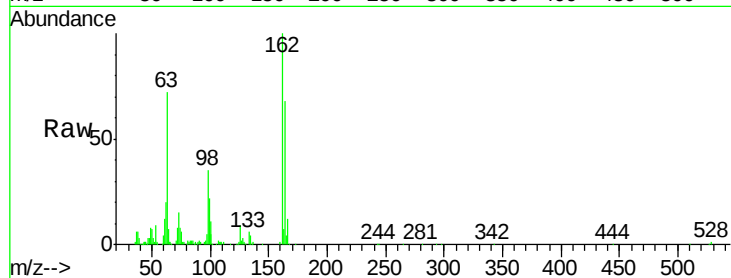




#29
 2,4-Dichlorophenol
 Concen: 45.24 ng
 RT: 10.69 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

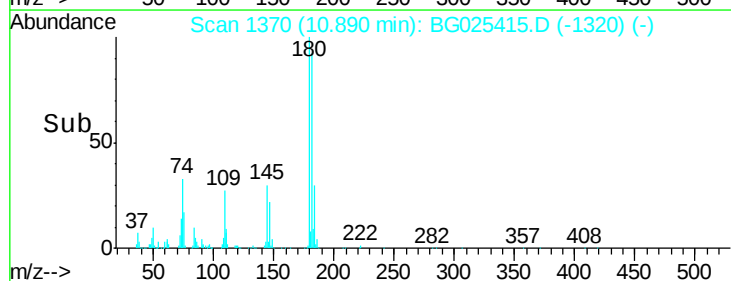
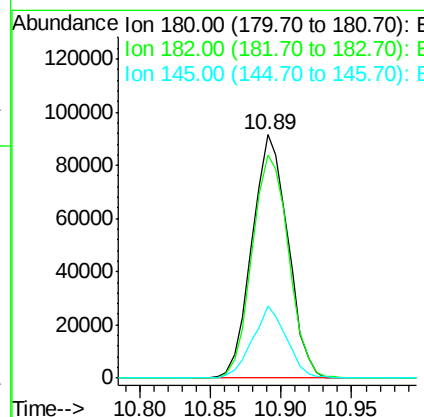
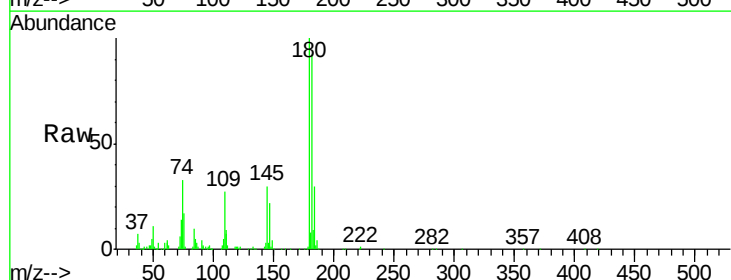
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

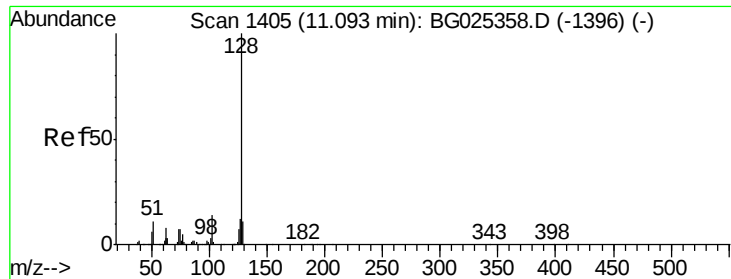
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.4	42.4	82.4
98	34.8	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.80 ng
 RT: 10.89 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	77.0	115.4
145	29.6	23.4	35.0

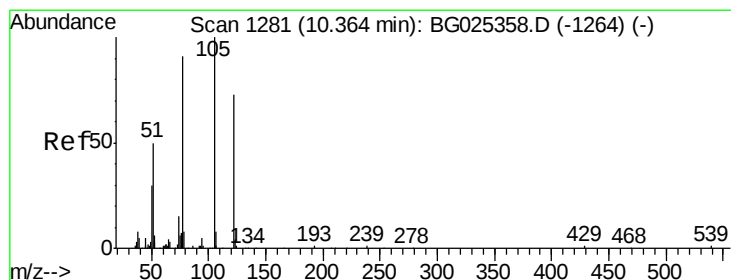
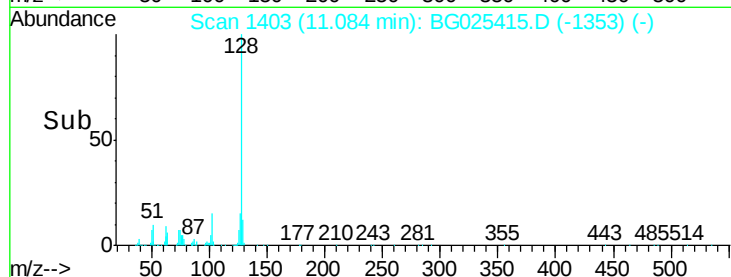
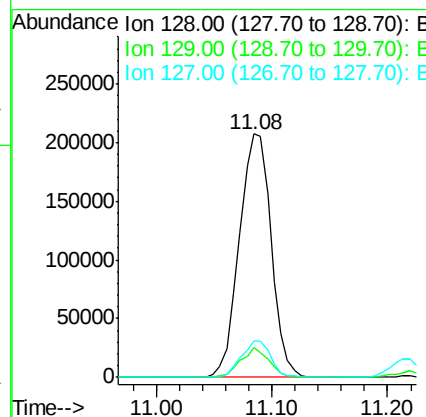
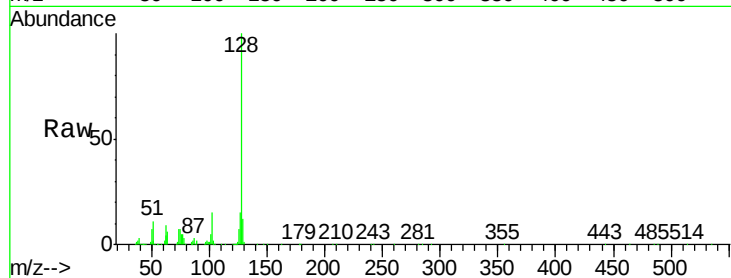




#31
Naphthalene
Concen: 39.89 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

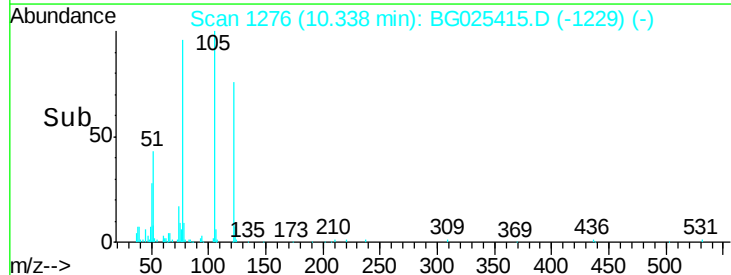
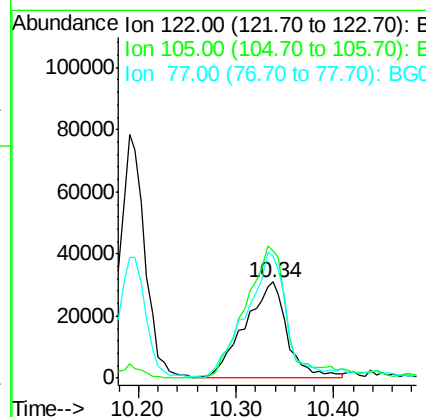
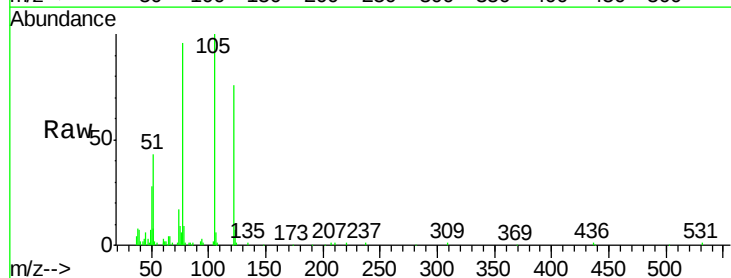
Instrument :
BNA_G
ClientSampled :
PB95693BS

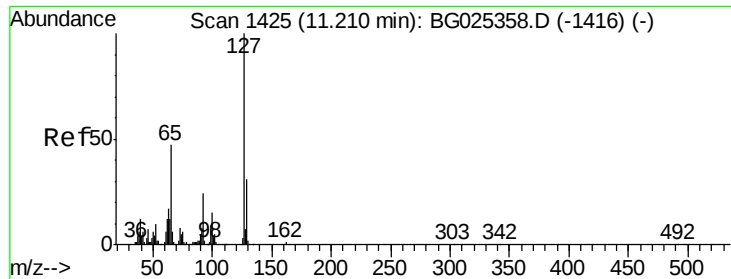
Tgt Ion:128 Resp: 395638
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 14.7 11.4 17.0



#32
Benzoic acid
Concen: 37.18 ng
RT: 10.34 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion:122 Resp: 92719
Ion Ratio Lower Upper
122 100
105 132.2 120.1 160.1
77 126.9 104.6 144.6

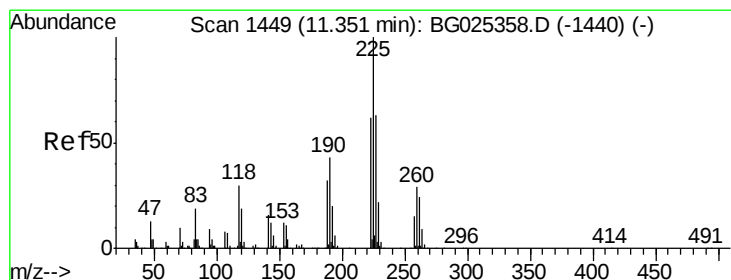
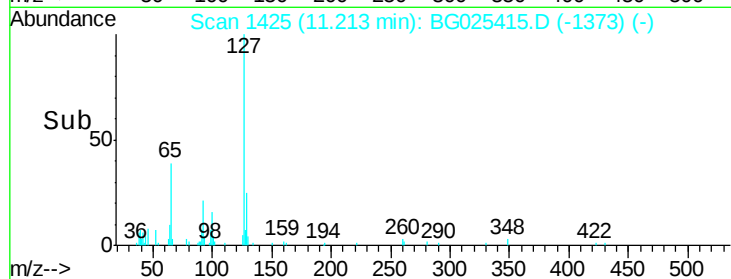
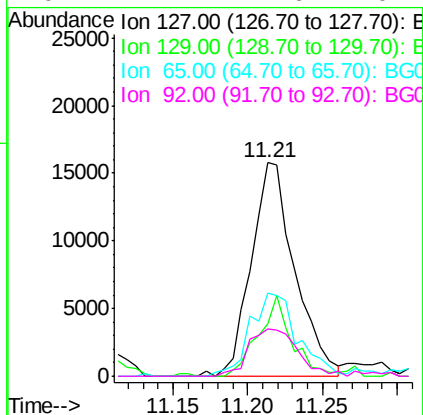
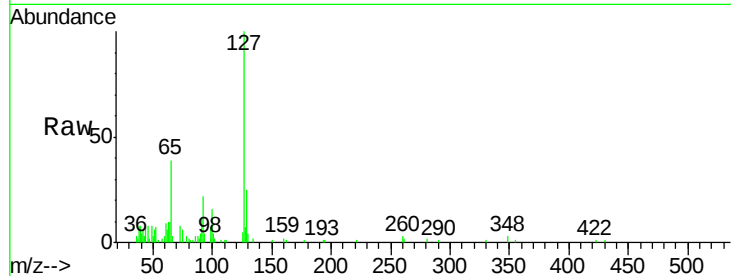




#33
4-Chloroaniline
Concen: 7.64 ng
RT: 11.21 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

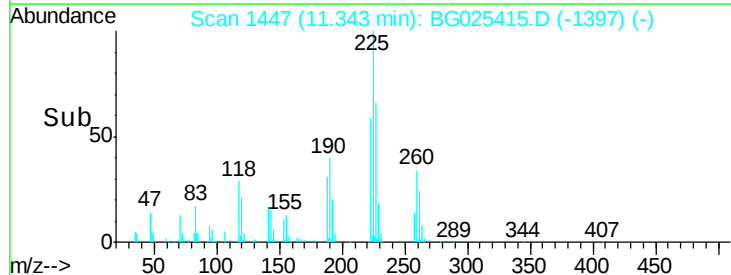
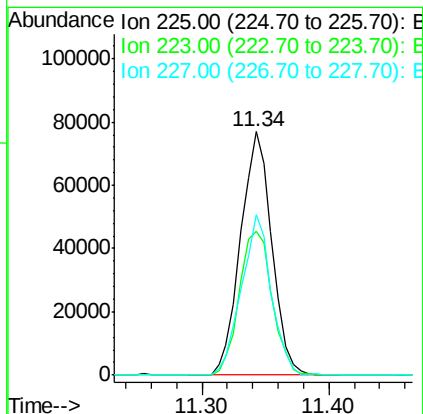
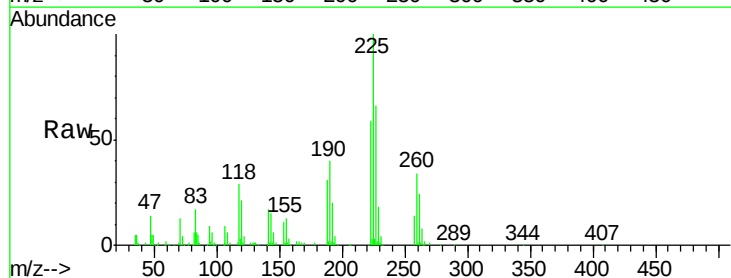
Instrument :
BNA_G
ClientSampleId :
PB95693BS

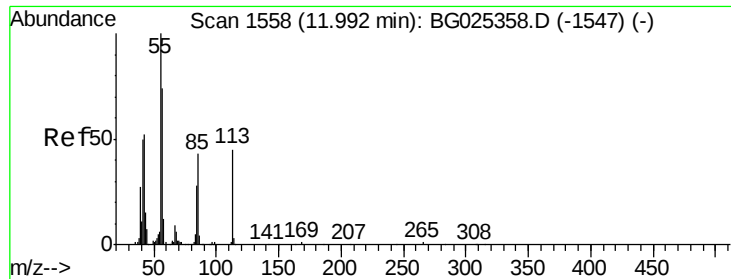
Tgt Ion:	127	Resp:	31877
Ion	Ratio	Lower	Upper
127	100		
129	24.6	23.6	35.4
65	39.0	37.7	56.5
92	22.2	17.6	26.4



#34
Hexachlorobutadiene
Concen: 40.11 ng
RT: 11.34 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion:	225	Resp:	131229
Ion	Ratio	Lower	Upper
225	100		
223	59.1	50.7	76.1
227	66.0	49.0	73.6





#35

Caprolactam

Concen: 21.77 ng

RT: 11.98 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

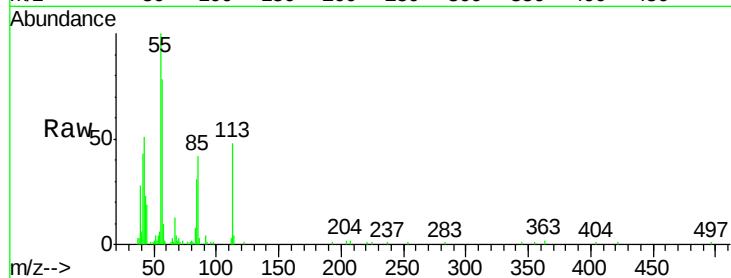
Tgt Ion:113 Resp: 27141

Ion Ratio Lower Upper

113 100

55 210.2 198.6 238.6

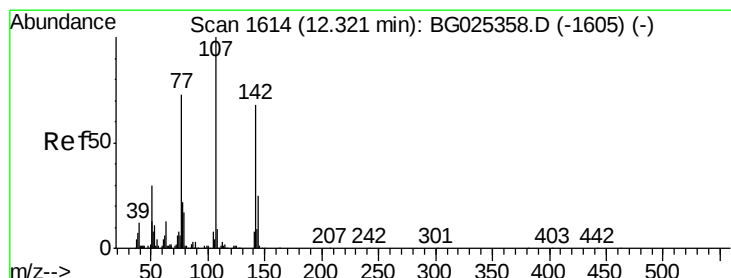
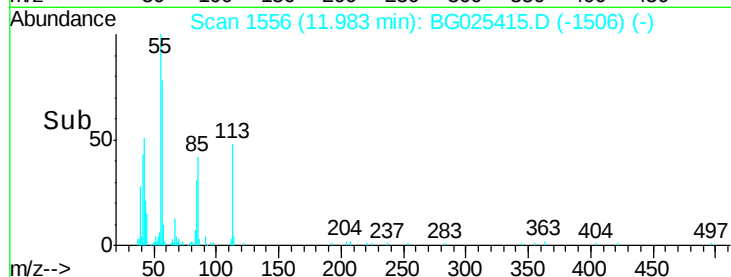
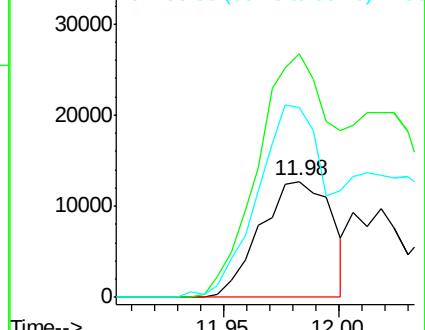
56 163.7 140.4 180.4



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: 42.95 ng

RT: 12.32 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

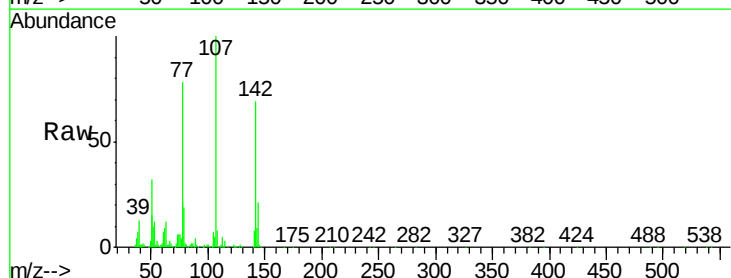
Tgt Ion:107 Resp: 175916

Ion Ratio Lower Upper

107 100

144 21.1 17.4 26.0

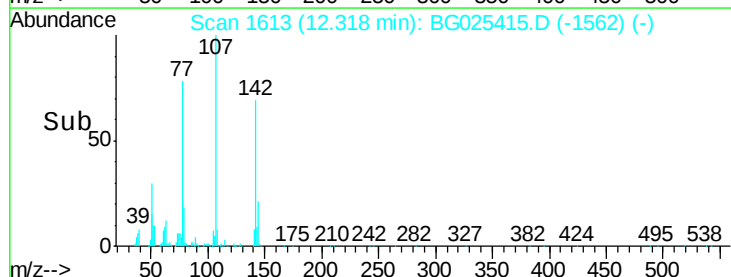
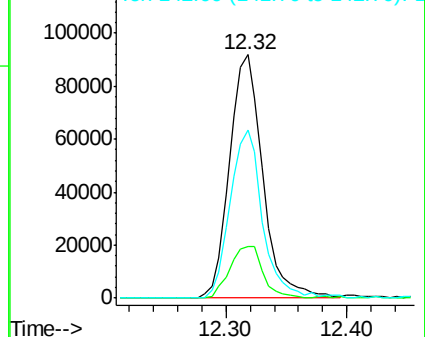
142 69.1 54.1 81.1

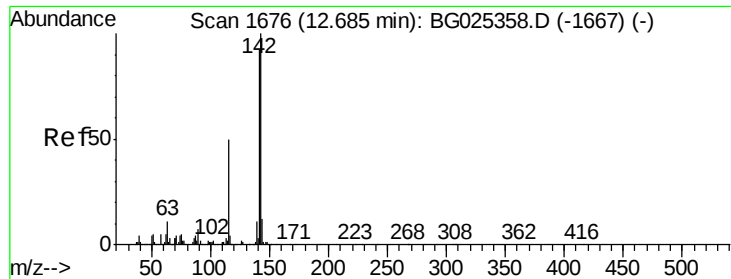


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

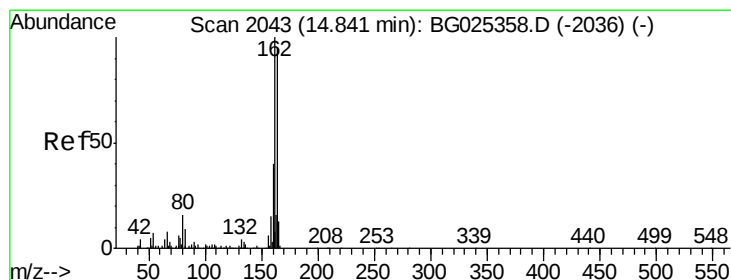
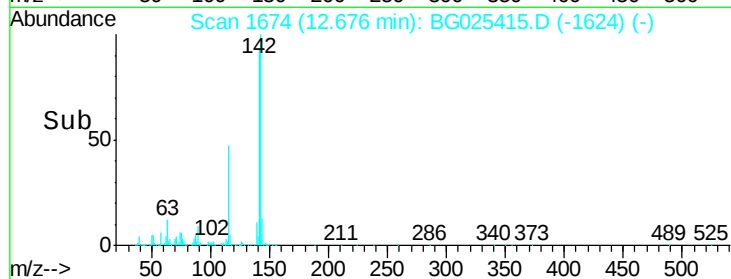
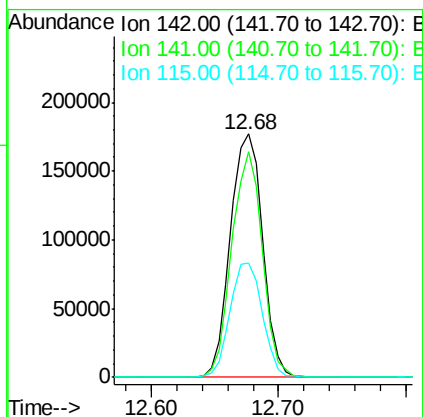
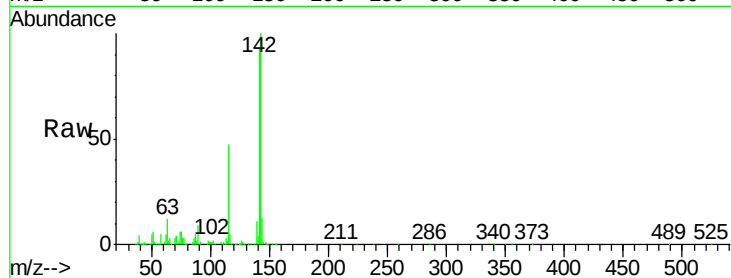




#37
2-Methylnaphthalene
Concen: 42.34 ng
RT: 12.68 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

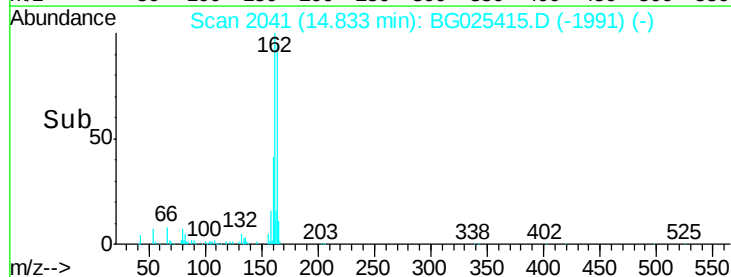
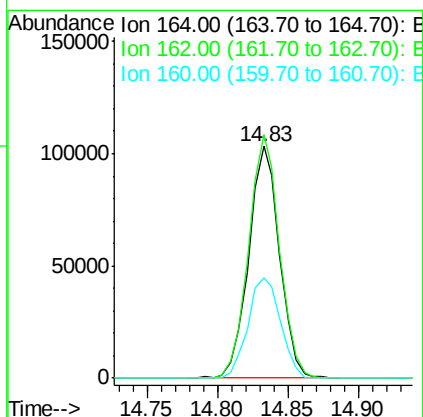
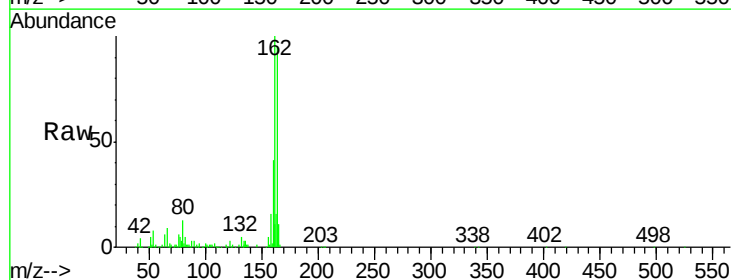
Instrument :
BNA_G
ClientSampleId :
PB95693BS

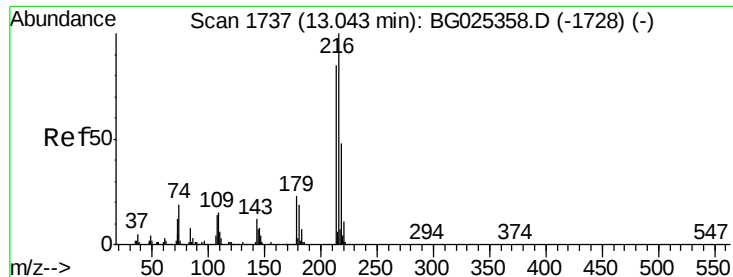
Tgt Ion:142 Resp: 311188
Ion Ratio Lower Upper
142 100
141 92.8 70.4 105.6
115 47.0 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion:164 Resp: 157932
Ion Ratio Lower Upper
164 100
162 105.0 85.1 127.7
160 43.1 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.93 ng

RT: 13.03 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

Tgt Ion:216 Resp: 218620

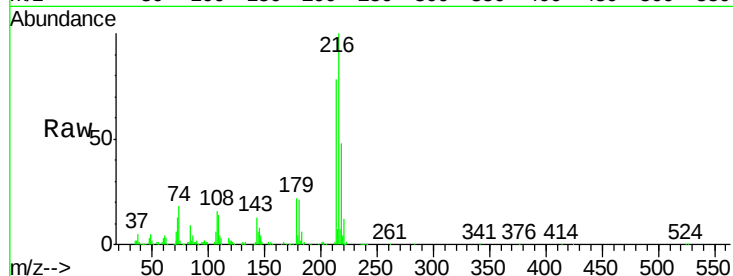
Ion Ratio Lower Upper

216 100

214 77.8 64.4 96.6

179 21.0 17.4 26.0

108 18.3 15.6 23.4

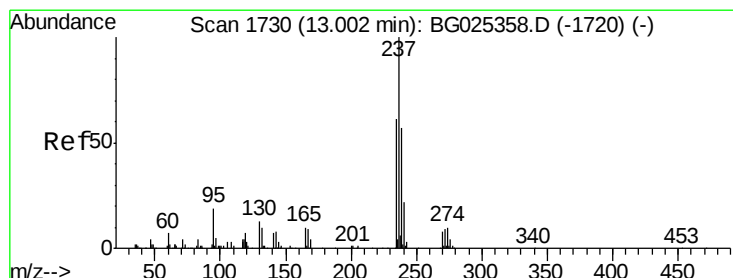
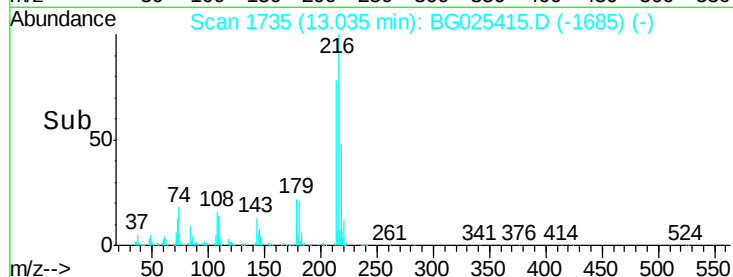
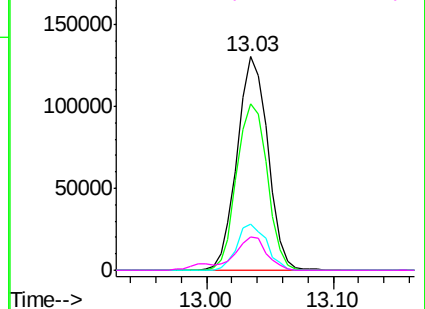


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 105.68 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

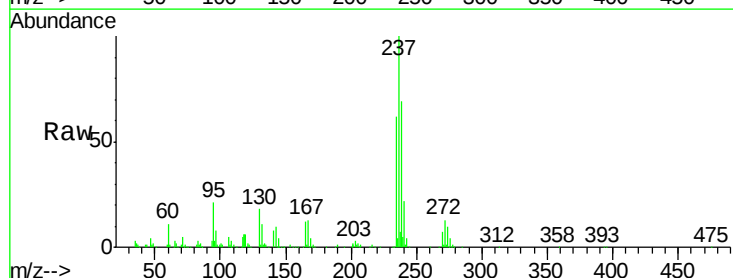
Tgt Ion:237 Resp: 207090

Ion Ratio Lower Upper

237 100

235 61.9 39.4 79.4

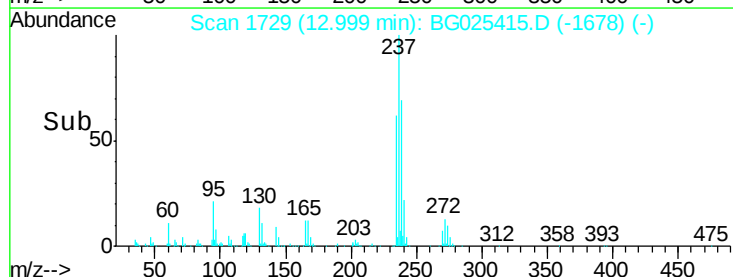
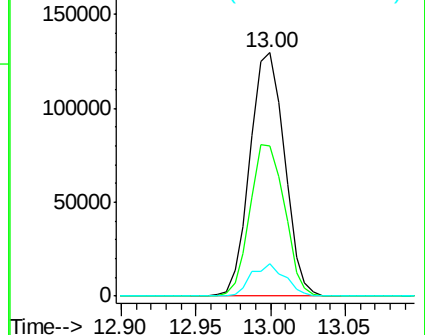
272 13.1 0.0 32.0

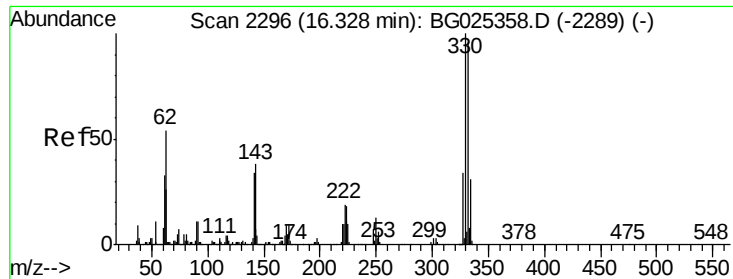


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

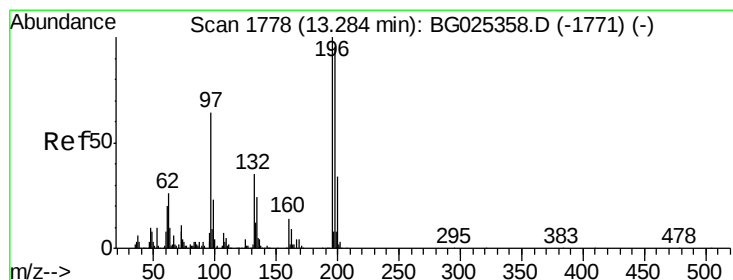
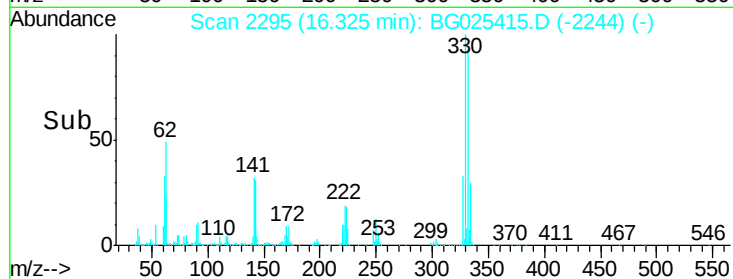
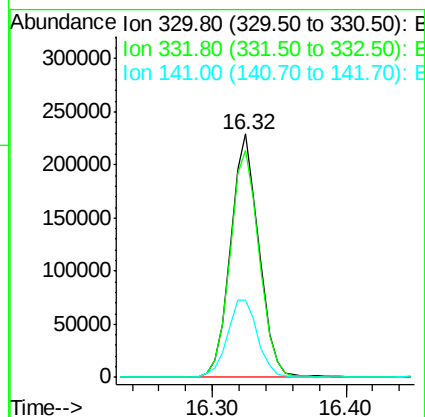
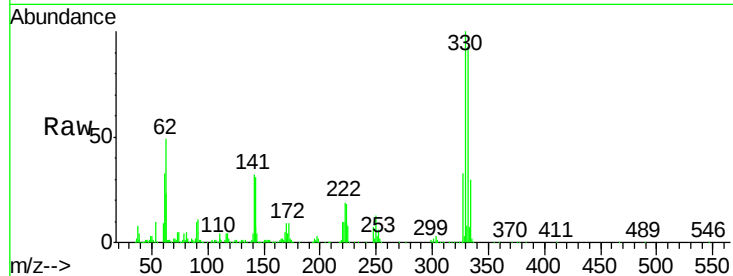




#41
 2,4,6-Tribromophenol
 Concen: 133.56 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

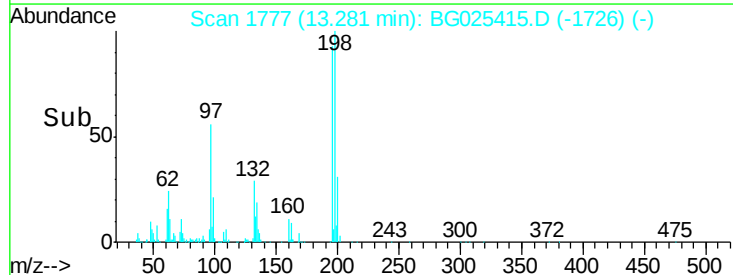
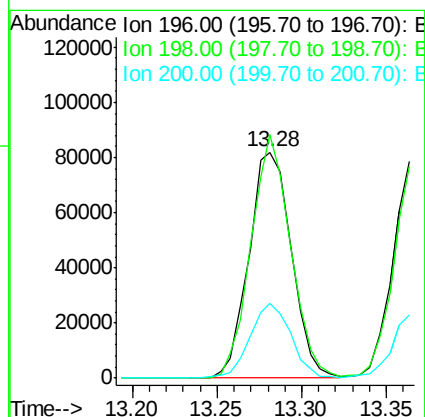
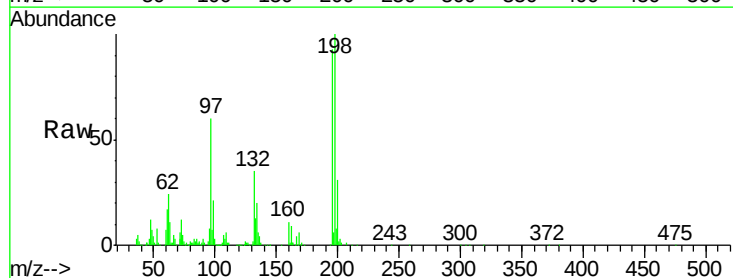
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

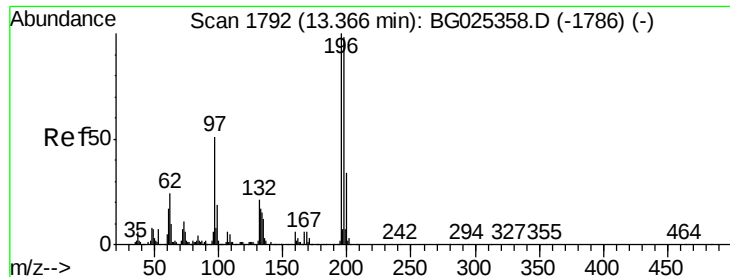
Tgt Ion:330 Resp: 339605
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 34.4 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 43.59 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion:196 Resp: 143126
 Ion Ratio Lower Upper
 196 100
 198 107.7 81.4 122.2
 200 32.9 27.0 40.6

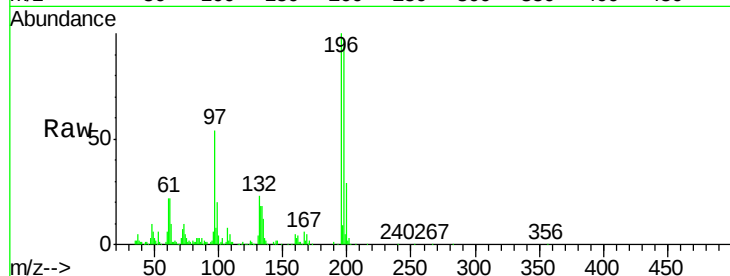




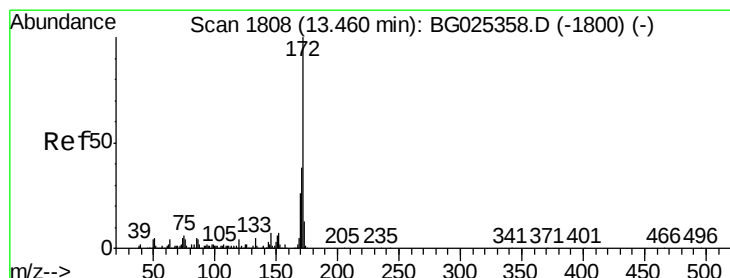
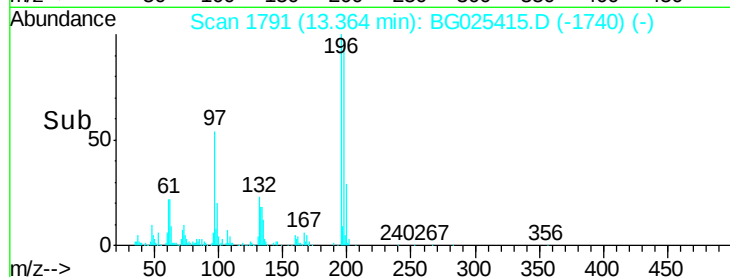
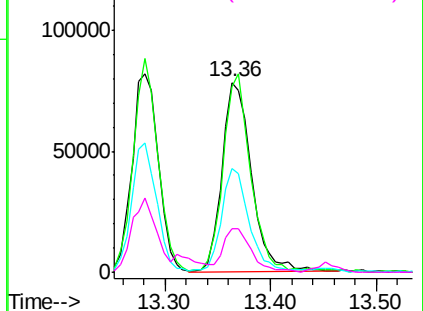
#43
2,4,5-Trichlorophenol
Concen: 43.85 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Instrument :
BNA_G
ClientSampleId :
PB95693BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.9	119.9
97	54.2	45.4	68.0
132	22.9	20.7	31.1

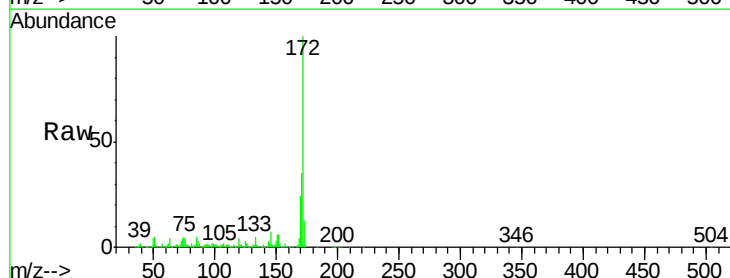


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

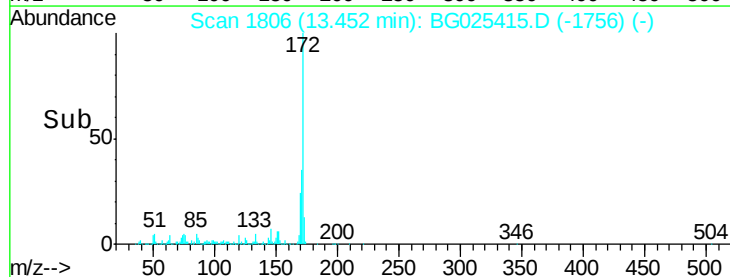
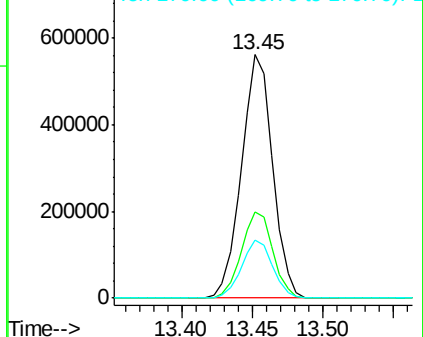


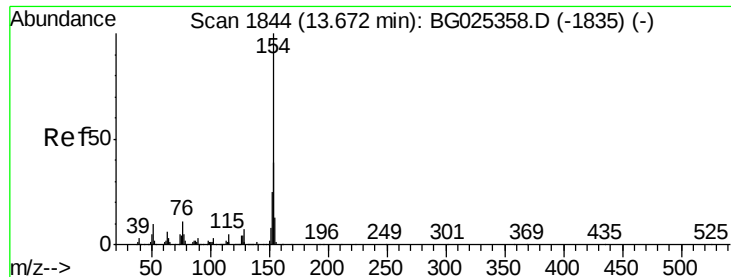
#44
2-Fluorobiphenyl
Concen: 88.59 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	23.9	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

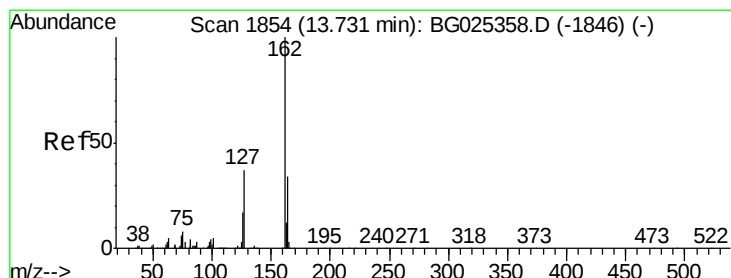
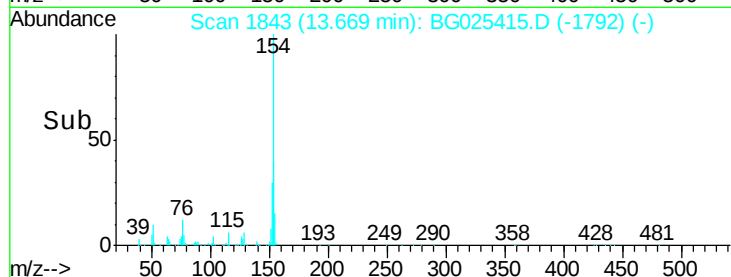
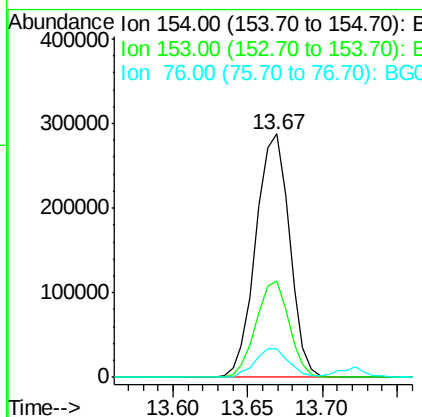
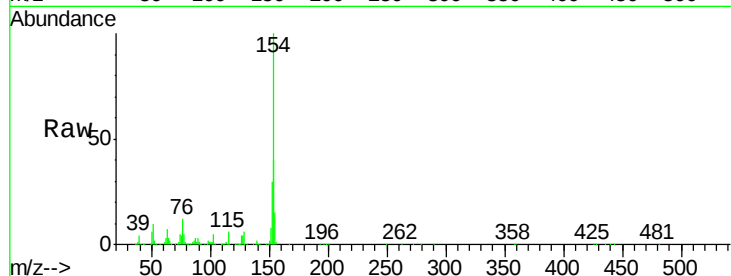




#45
1,1'-Biphenyl
Concen: 42.21 ng
RT: 13.67 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

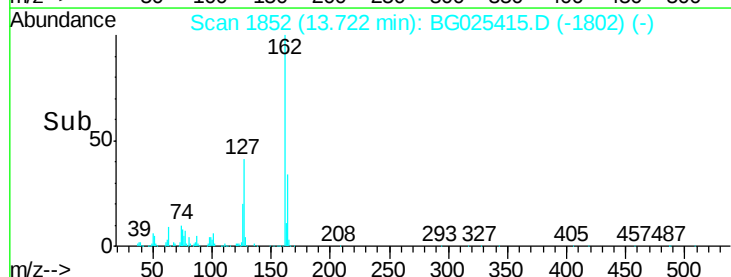
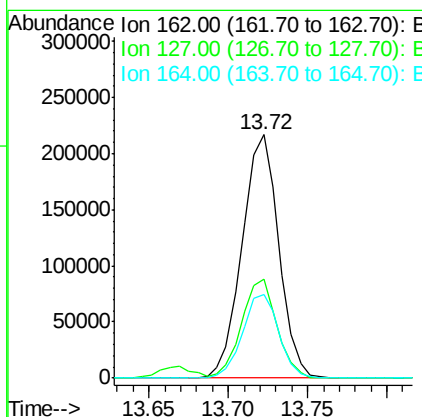
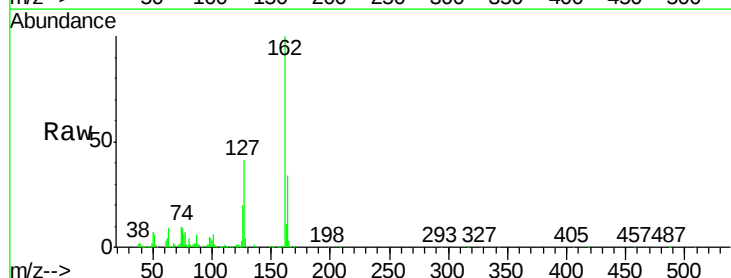
Instrument :
BNA_G
ClientSampleId :
PB95693BS

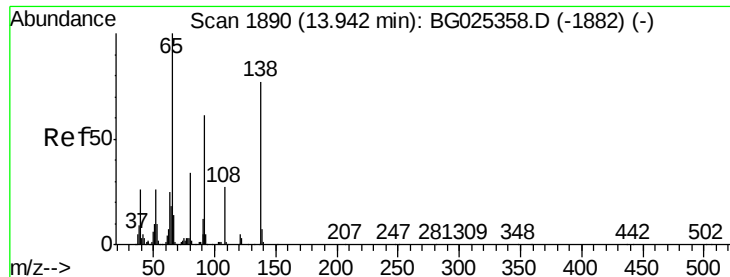
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	23.0	63.0
76	11.7	0.0	33.5



#46
2-Chloronaphthalene
Concen: 42.07 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.2	48.4
164	34.3	27.3	40.9

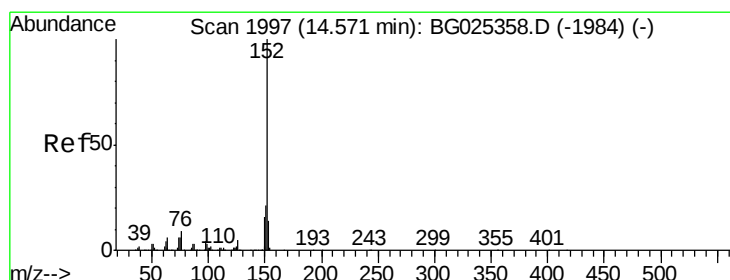
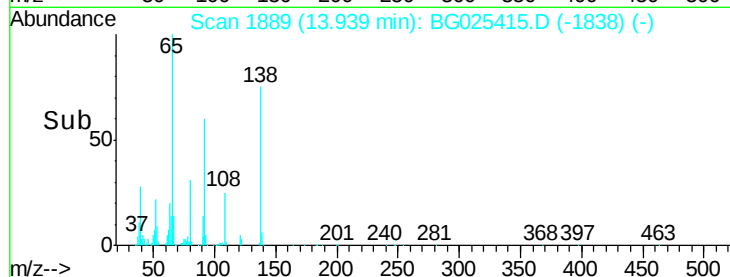
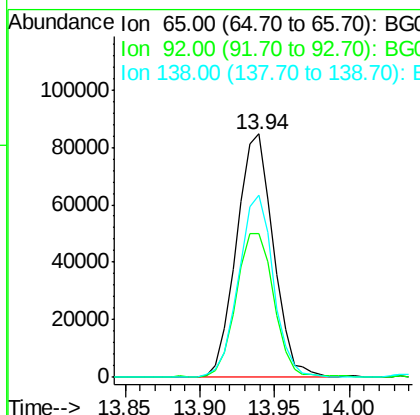
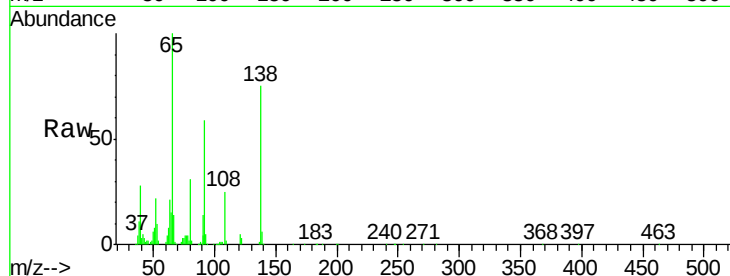




#47
 2-Nitroaniline
 Concen: 41.42 ng
 RT: 13.94 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

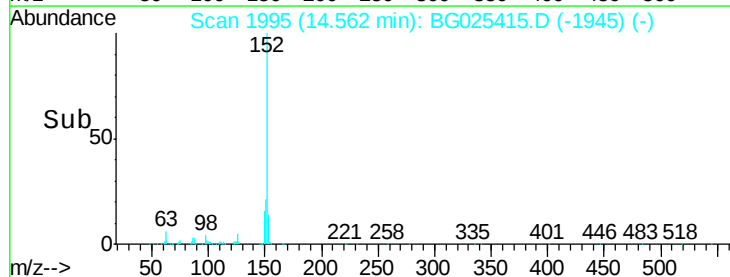
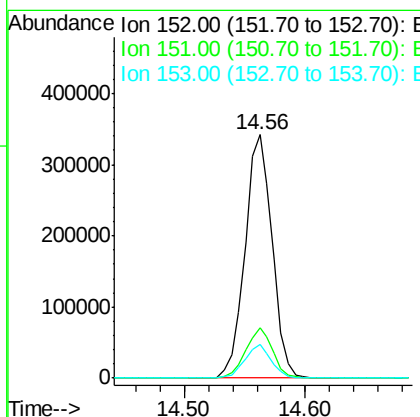
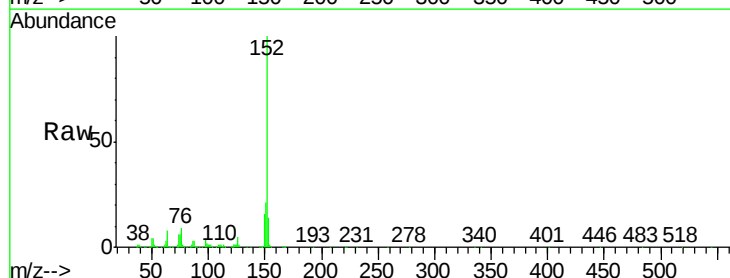
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

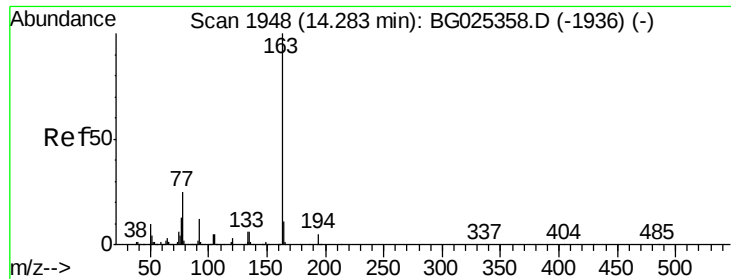
Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.2	49.0	73.4
138	74.9	58.6	87.8



#48
 Acenaphthylene
 Concen: 41.61 ng
 RT: 14.56 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.2	27.2
153	13.6	11.3	16.9

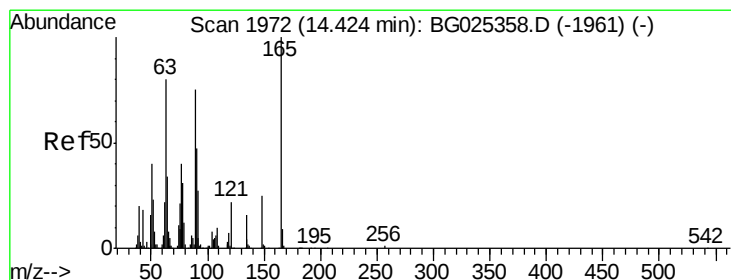
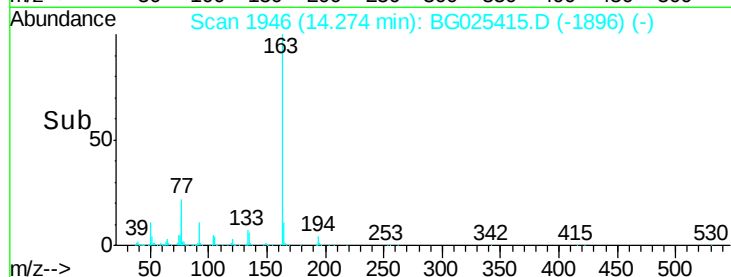
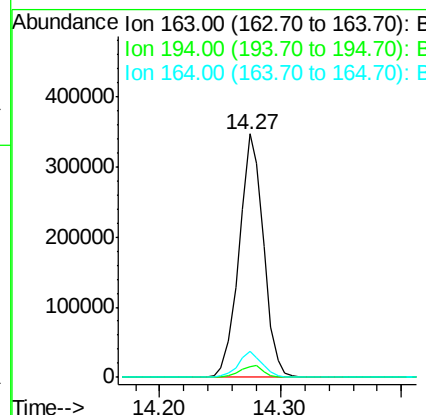
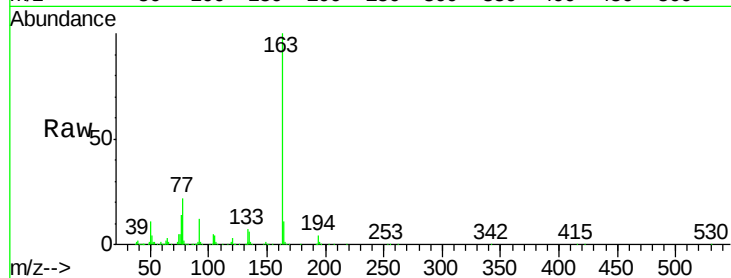




#49
Dimethylphthalate
Concen: 42.40 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

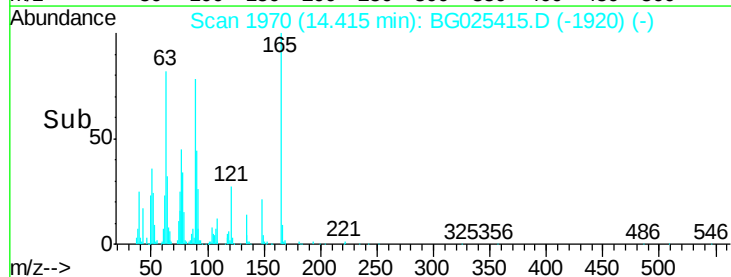
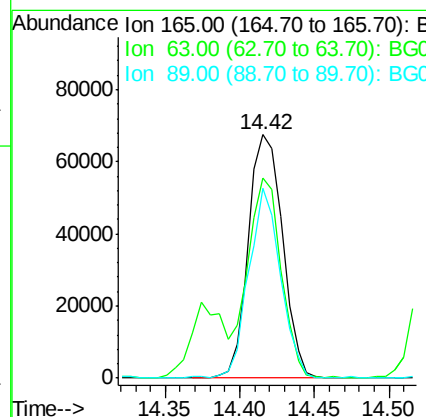
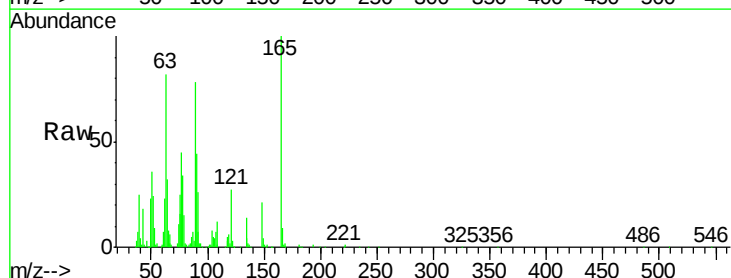
Instrument :
BNA_G
ClientSampleId :
PB95693BS

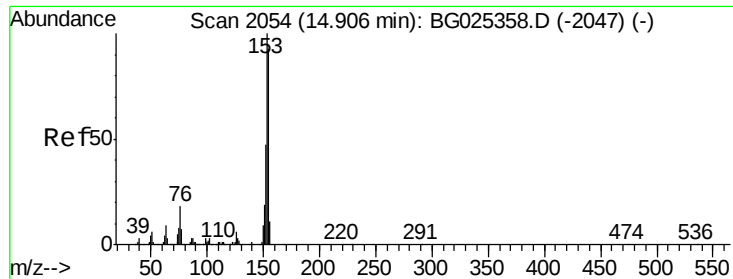
Tgt Ion:163 Resp: 488162
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.6
164 10.6 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 42.53 ng
RT: 14.42 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion:165 Resp: 106962
Ion Ratio Lower Upper
165 100
63 81.9 63.9 95.9
89 77.9 58.6 88.0





#51

Acenaphthene

Concen: 41.37 ng

RT: 14.90 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

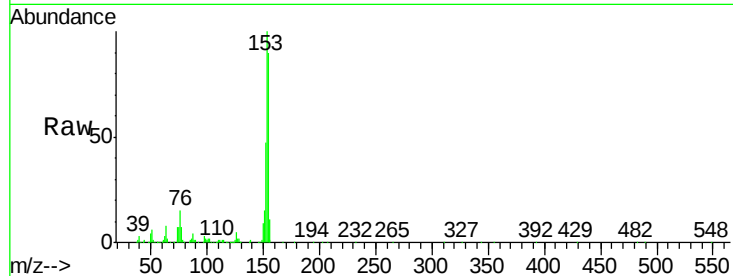
Tgt Ion:154 Resp: 348084

Ion Ratio Lower Upper

154 100

153 111.6 87.8 131.6

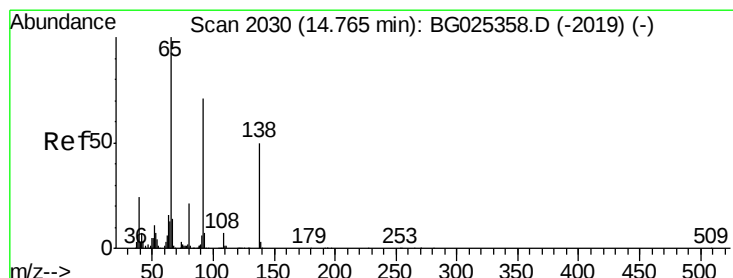
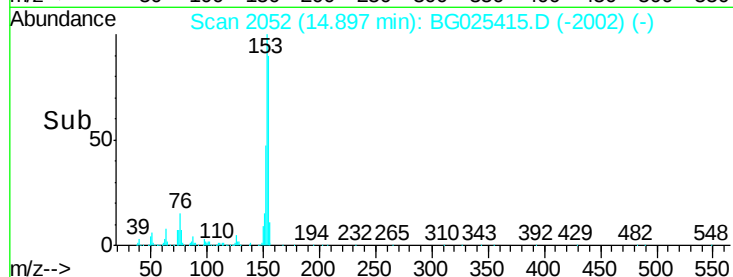
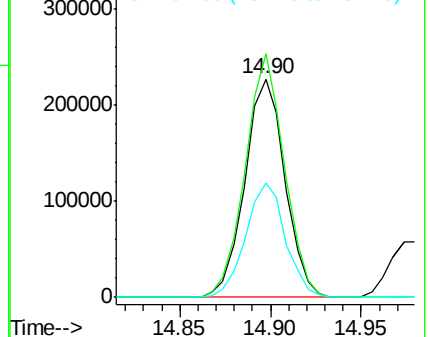
152 52.5 42.2 63.4



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: 9.71 ng

RT: 14.77 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

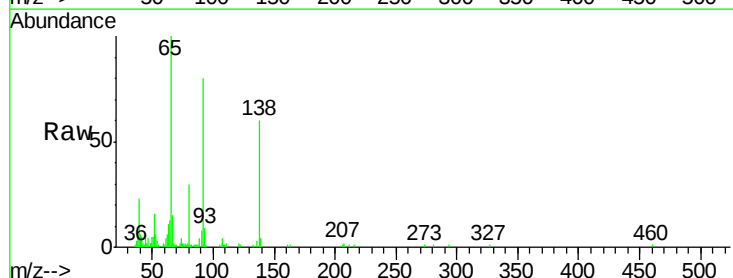
Tgt Ion:138 Resp: 23477

Ion Ratio Lower Upper

138 100

108 7.6 10.9 16.3#

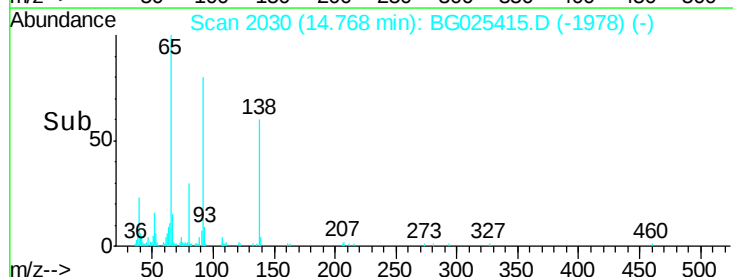
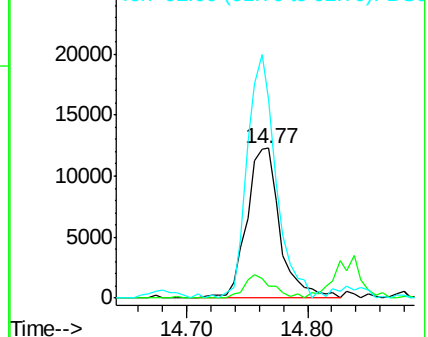
92 132.4 115.3 172.9

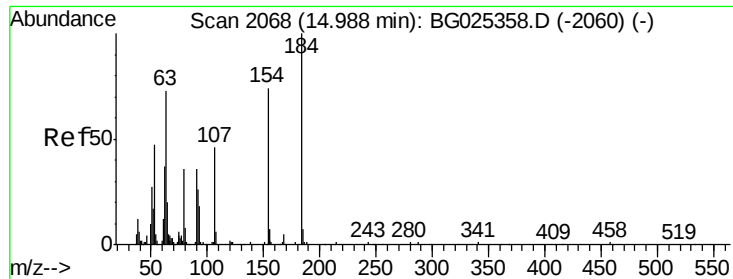


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

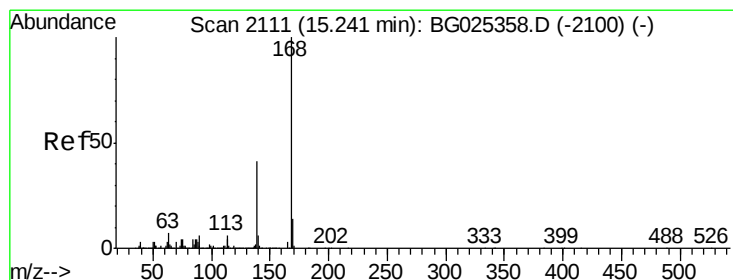
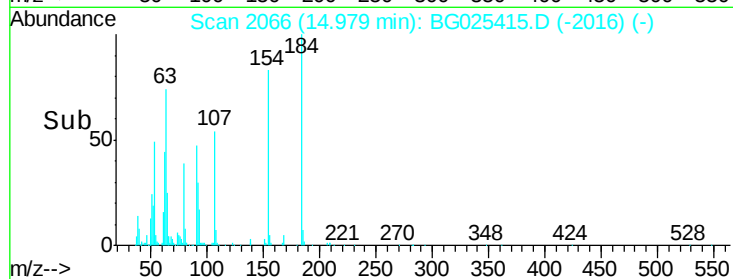
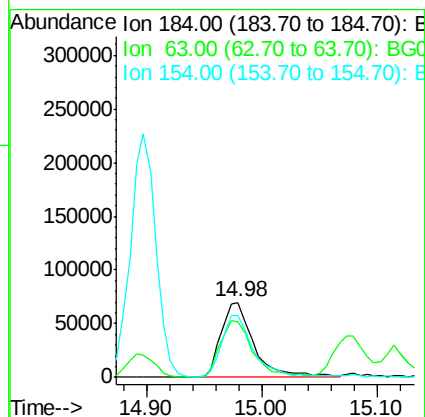
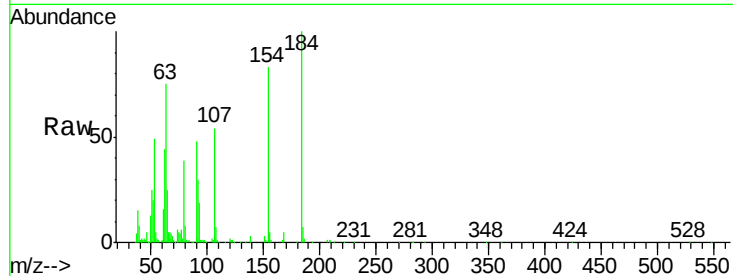




#53
2,4-Dinitrophenol
Concen: 82.89 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

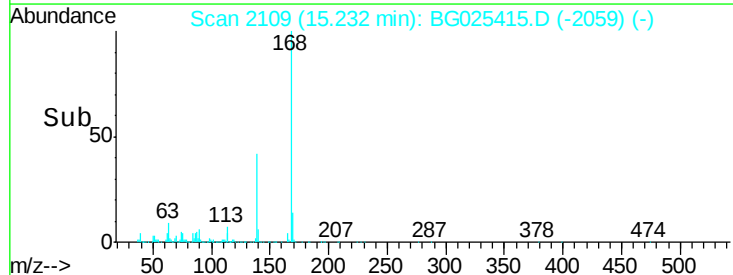
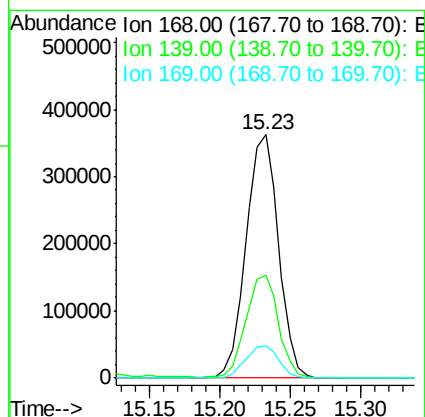
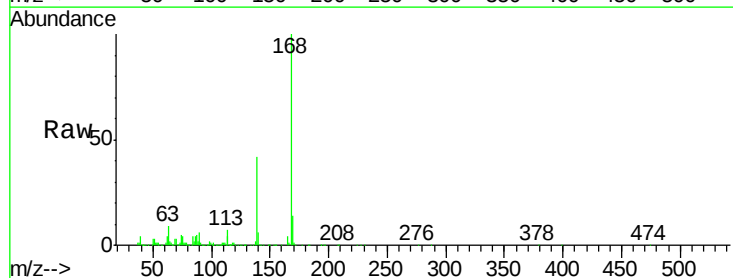
Instrument :
BNA_G
ClientSampleId :
PB95693BS

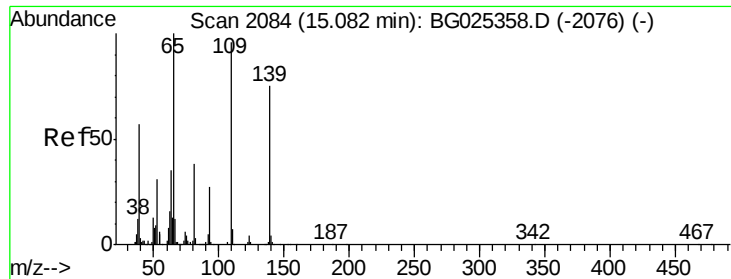
Tgt Ion:184 Resp: 137045
Ion Ratio Lower Upper
184 100
63 74.7 52.7 79.1
154 83.0 57.3 85.9



#54
Dibenzofuran
Concen: 43.86 ng
RT: 15.23 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion:168 Resp: 583314
Ion Ratio Lower Upper
168 100
139 42.1 35.3 52.9
169 13.6 11.5 17.3

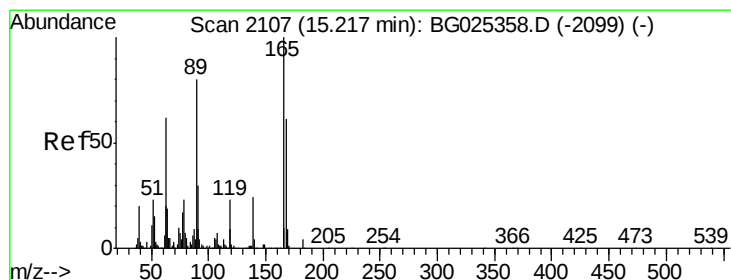
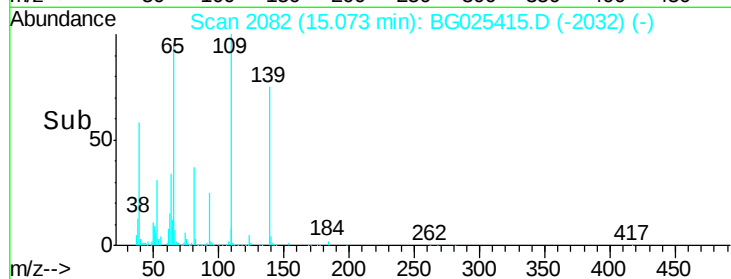
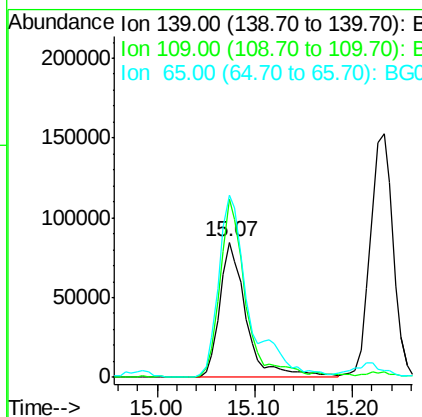
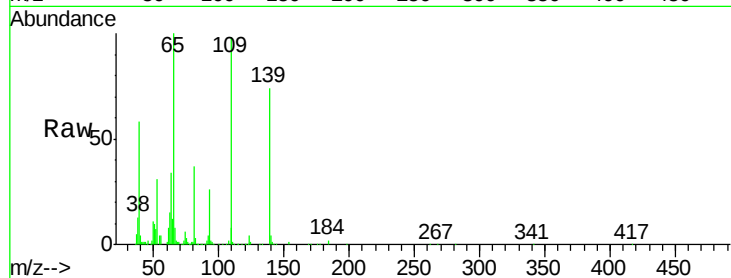




#55
4-Nitrophenol
Concen: 88.63 ng
RT: 15.07 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

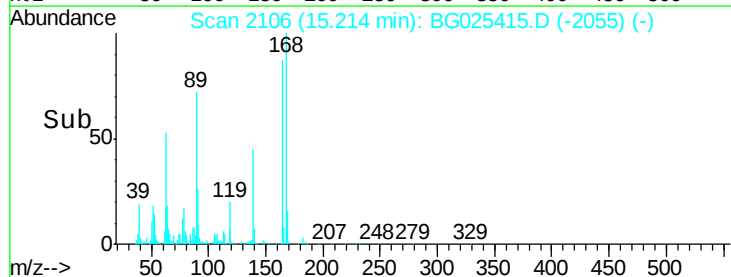
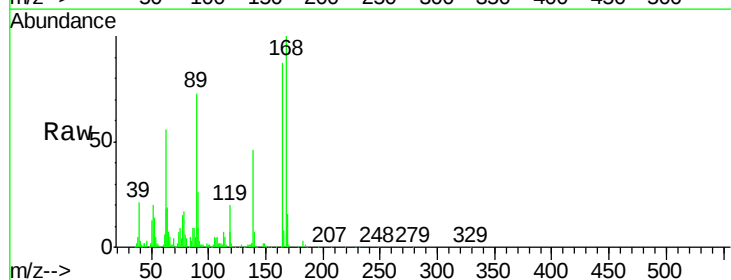
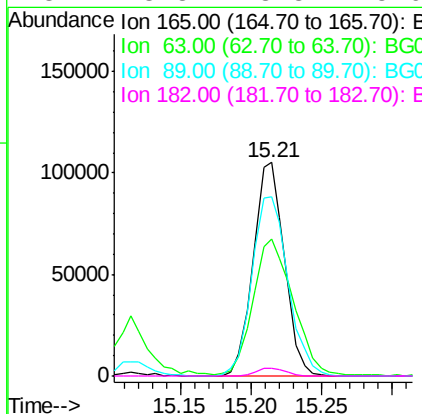
Instrument :
BNA_G
ClientSampleId :
PB95693BS

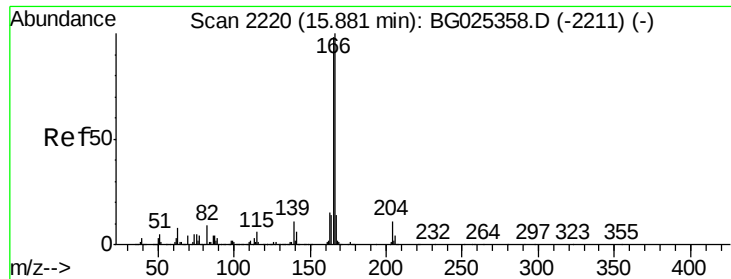
Tgt Ion:139 Resp: 160075
Ion Ratio Lower Upper
139 100
109 132.3 101.2 141.2
65 135.4 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 44.60 ng
RT: 15.21 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion:165 Resp: 163351
Ion Ratio Lower Upper
165 100
63 63.9 44.0 66.0
89 83.6 67.3 100.9
182 3.8 3.8 5.6





#57

Fluorene

Concen: 42.36 ng

RT: 15.88 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

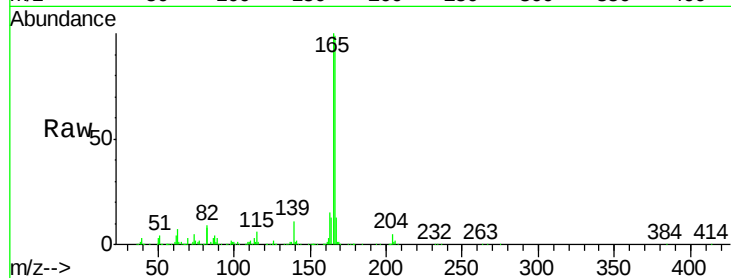
Tgt Ion:166 Resp: 471700

Ion Ratio Lower Upper

166 100

165 101.4 78.6 117.8

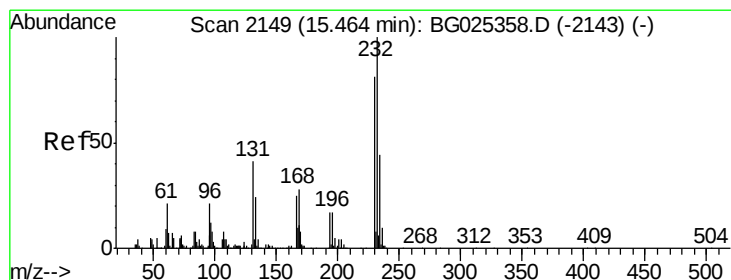
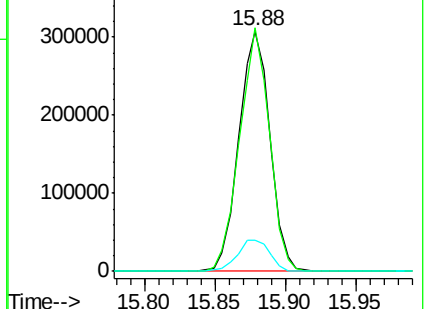
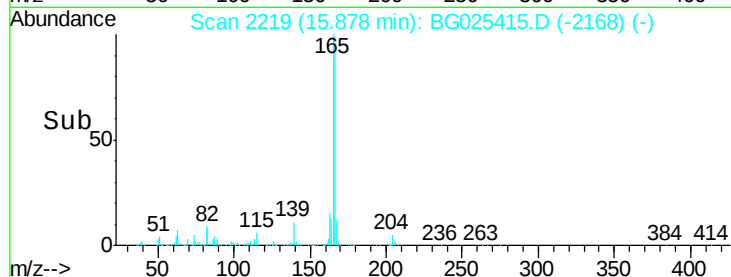
167 12.7 11.6 17.4



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: 43.90 ng

RT: 15.46 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Tgt Ion:232 Resp: 161618

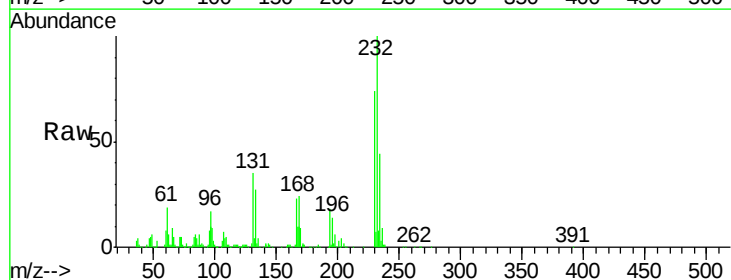
Ion Ratio Lower Upper

232 100

131 38.9 34.9 52.3

130 2.6 2.3 3.5

166 27.0 24.2 36.4

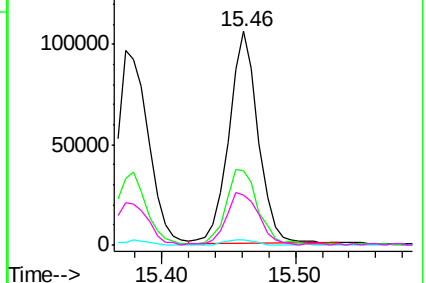
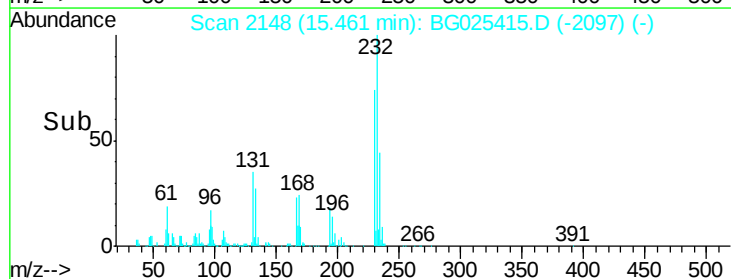


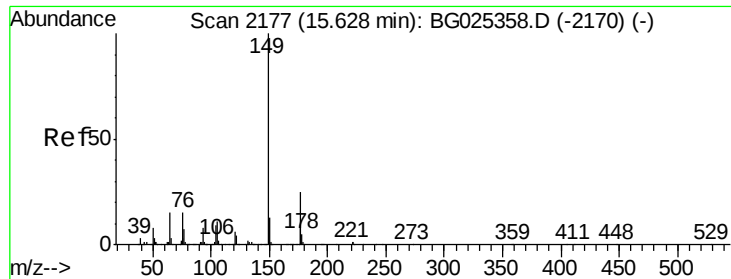
Abundance Ion 232.00 (231.70 to 232.70): E

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

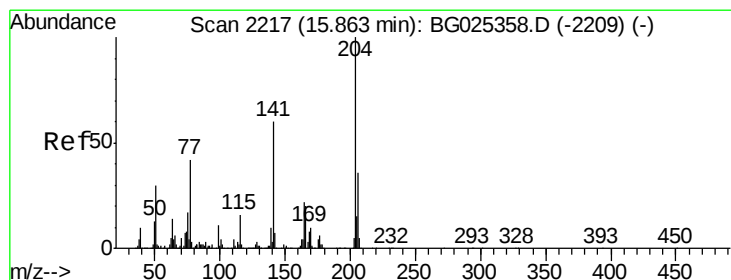
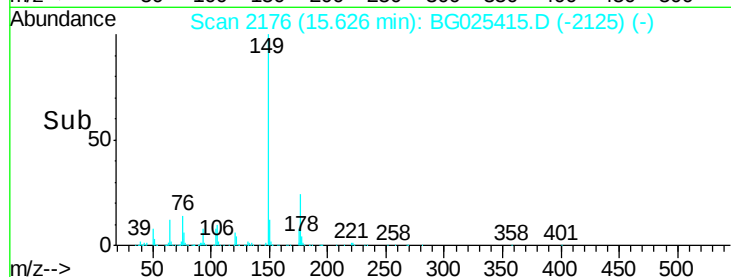
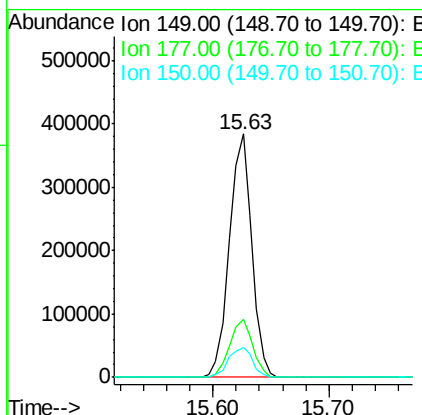
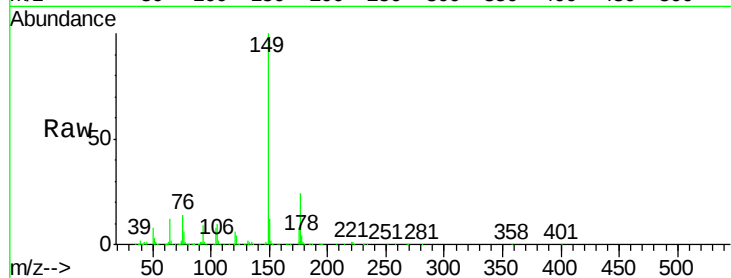




#59
Diethylphthalate
Concen: 42.54 ng
RT: 15.63 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

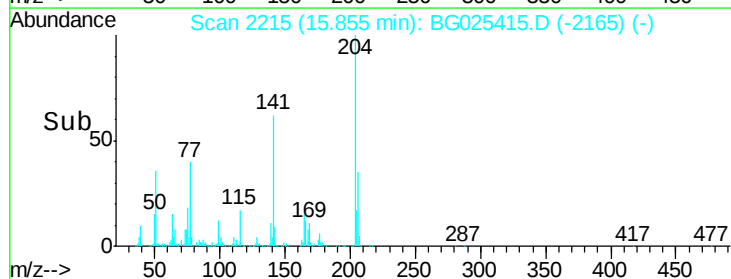
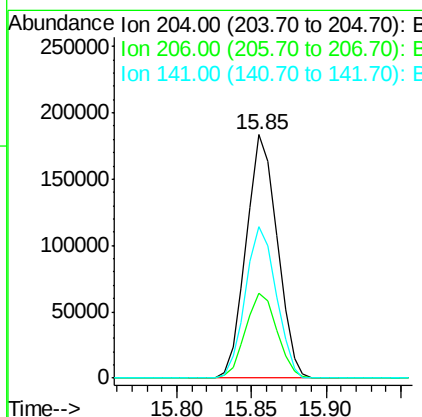
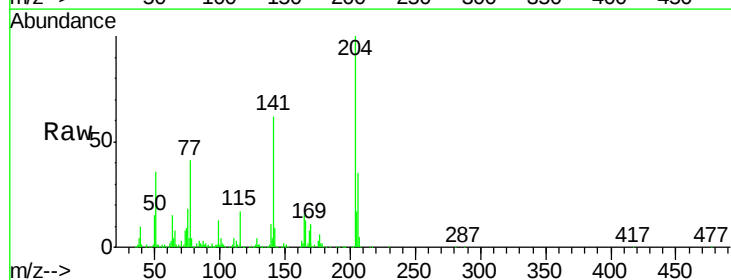
Instrument :
BNA_G
ClientSampleId :
PB95693BS

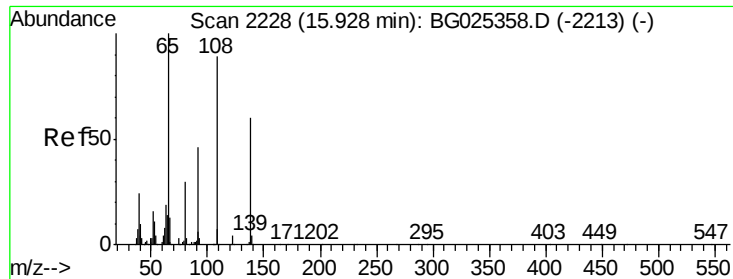
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.1	30.1
150	12.2	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.96 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	30.1	45.1
141	62.3	50.6	76.0

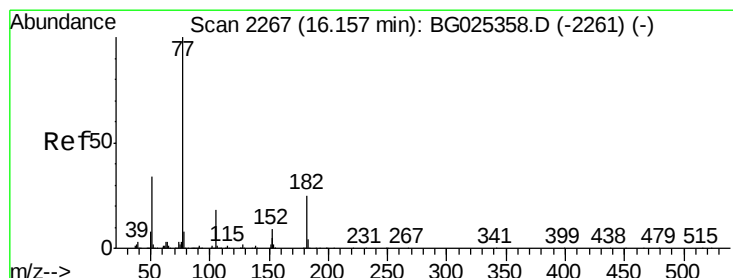
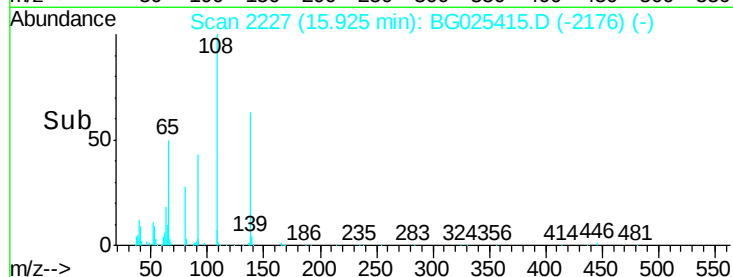
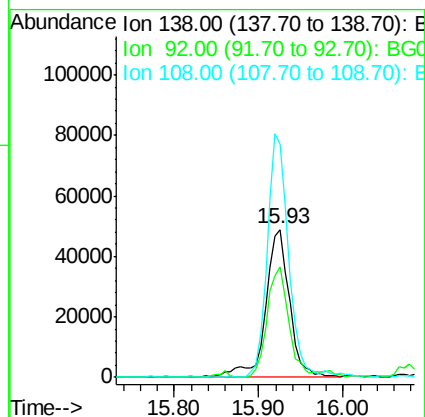
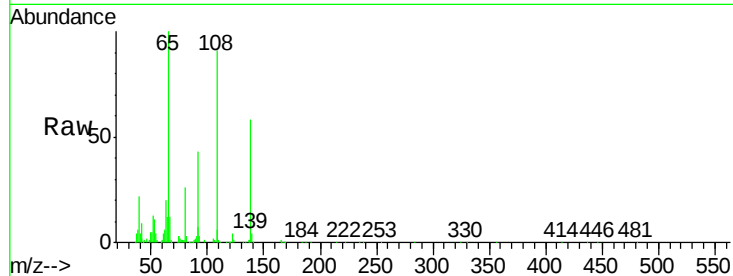




#61
4-Nitroaniline
Concen: 39.60 ng
RT: 15.93 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

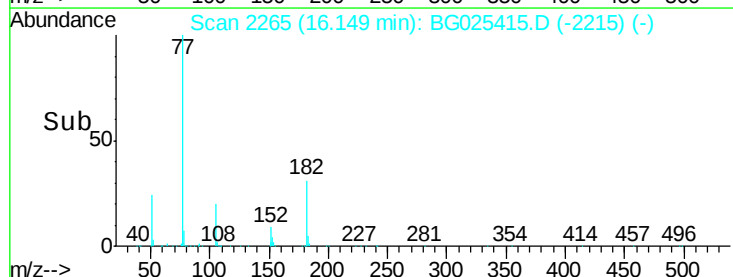
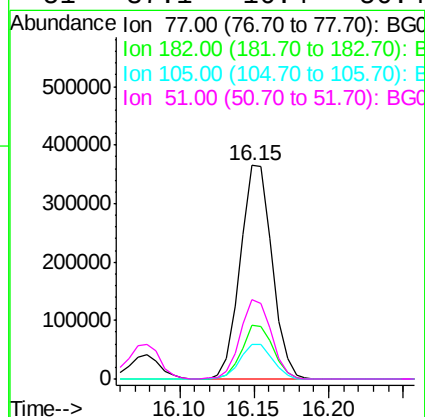
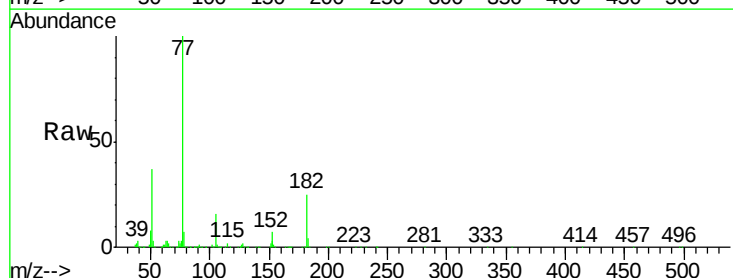
Instrument :
BNA_G
ClientSampleId :
PB95693BS

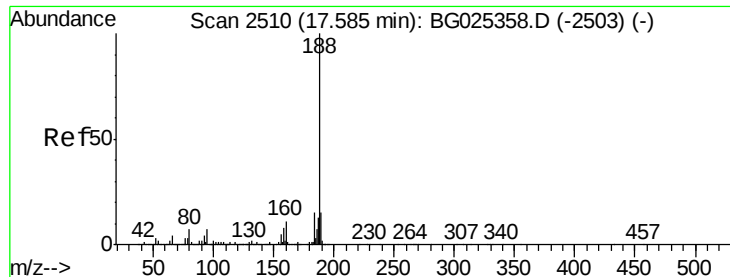
Tgt Ion: 138 Resp: 96354
Ion Ratio Lower Upper
138 100
92 75.2 44.2 84.2
108 157.7 104.8 144.8#



#62
Azobenzene
Concen: 46.28 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion: 77 Resp: 538906
Ion Ratio Lower Upper
77 100
182 24.9 4.7 44.7
105 16.3 0.0 36.3
51 37.1 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

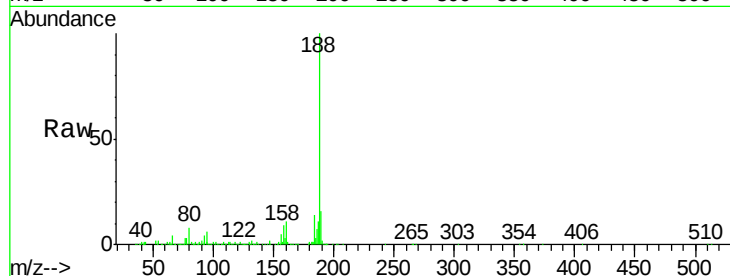
Tgt Ion:188 Resp: 380281

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

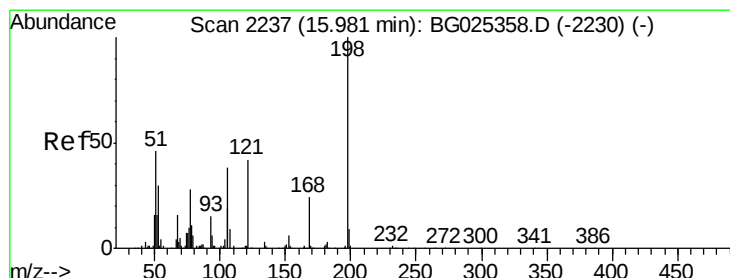
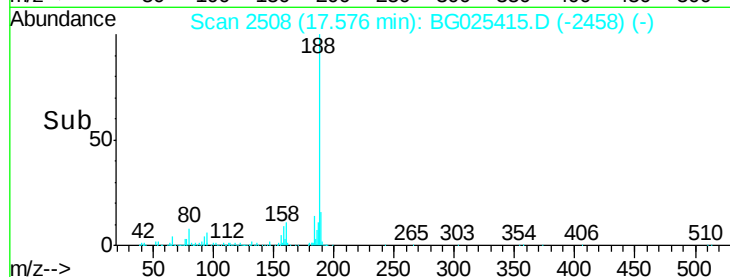
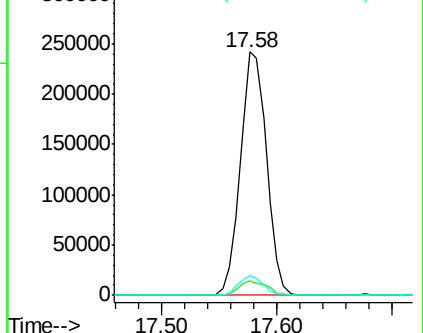
80 8.2 7.5 11.3



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: 40.41 ng

RT: 15.98 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

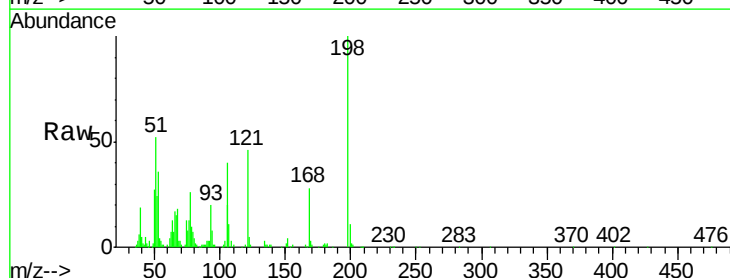
Tgt Ion:198 Resp: 106432

Ion Ratio Lower Upper

198 100

51 52.0 22.6 62.6

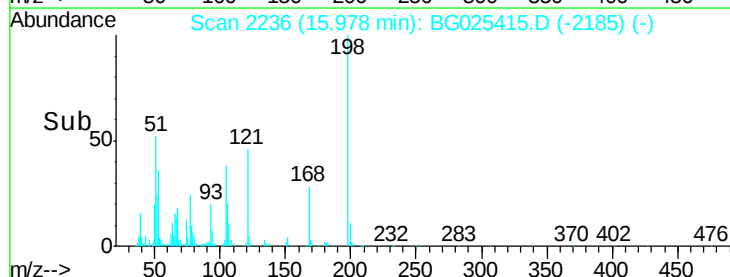
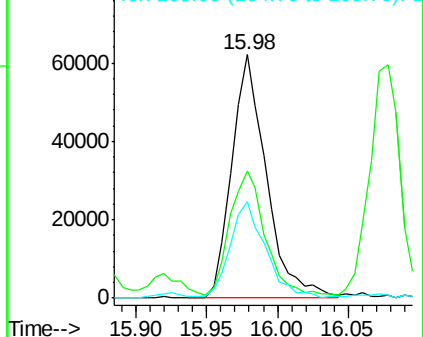
105 39.5 14.4 54.4

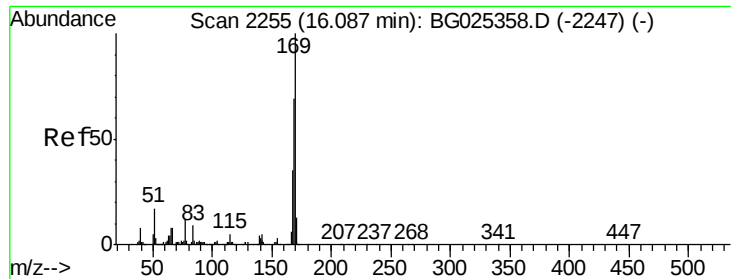


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.81 ng

RT: 16.08 min Scan# 2253

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

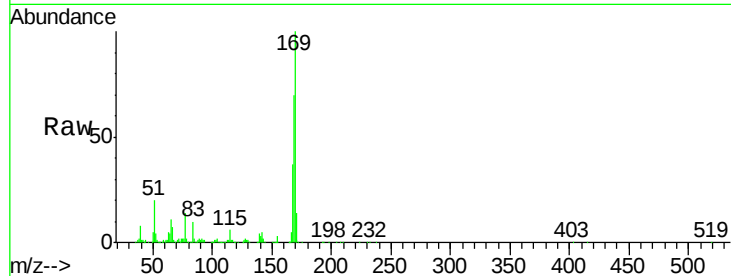
Tgt Ion:169 Resp: 440044

Ion Ratio Lower Upper

169 100

168 69.8 55.7 83.5

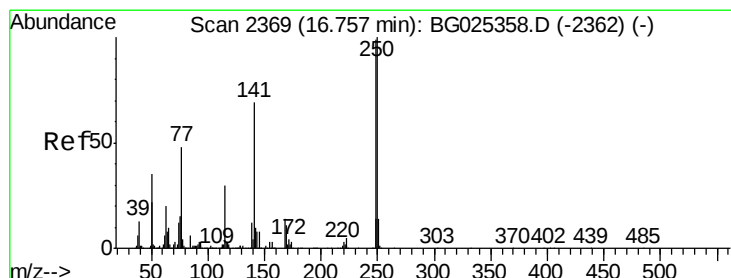
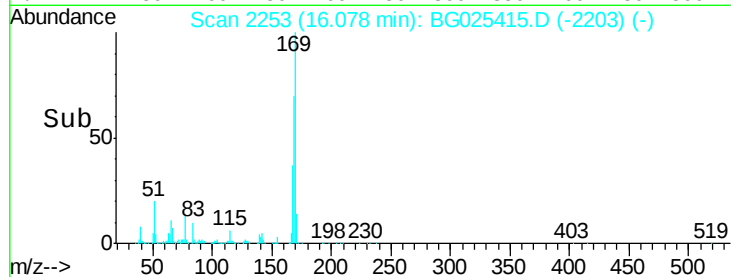
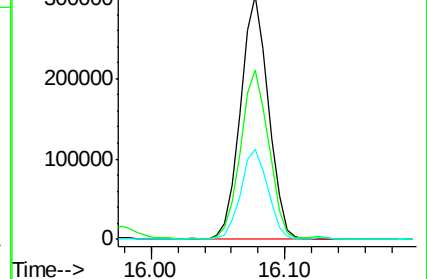
167 37.0 29.8 44.6



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: 41.92 ng

RT: 16.75 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

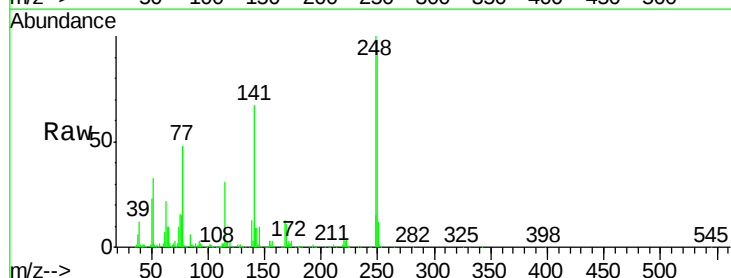
Tgt Ion:248 Resp: 196679

Ion Ratio Lower Upper

248 100

250 98.3 75.0 112.6

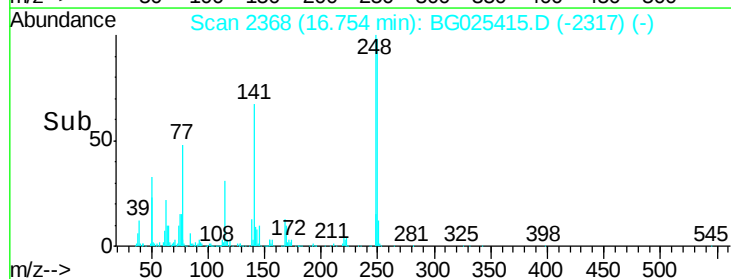
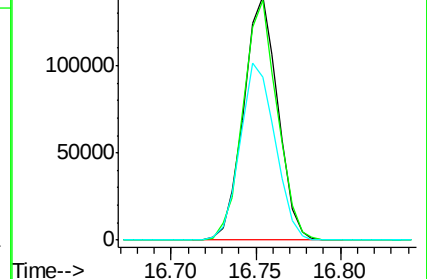
141 67.1 55.2 82.8

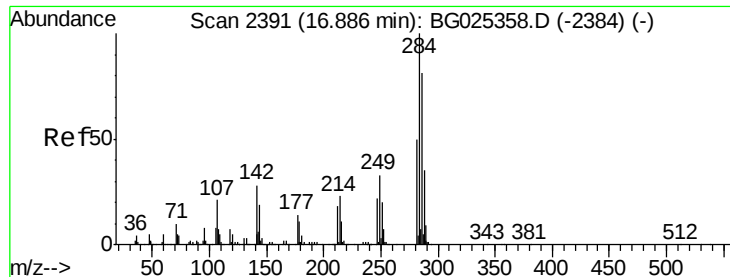


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.09 ng

RT: 16.88 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

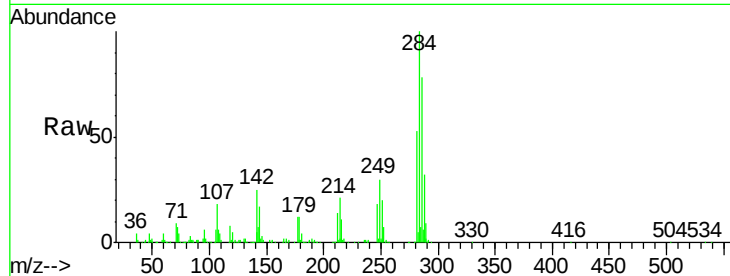
Tgt Ion:284 Resp: 215851

Ion Ratio Lower Upper

284 100

142 25.5 29.9 44.9#

249 30.3 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

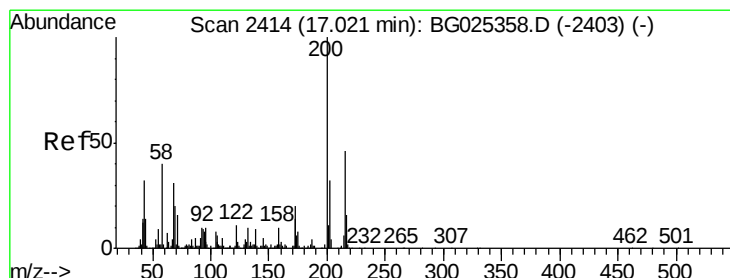
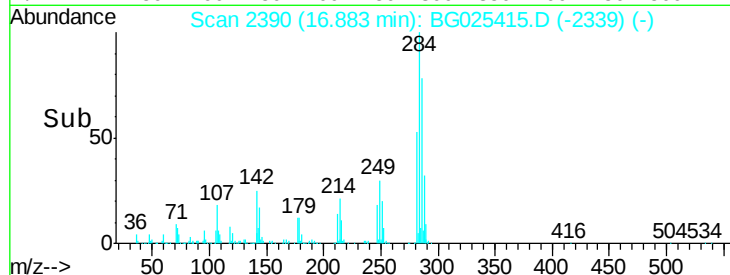
16.88

100000

50000

0

Time--> 16.80 16.85 16.90 16.95



#68

Atrazine

Concen: 45.27 ng

RT: 17.01 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

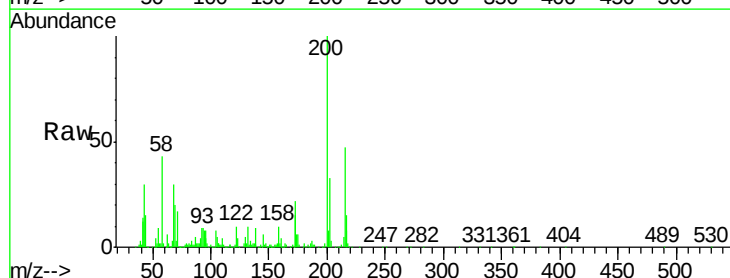
Tgt Ion:200 Resp: 203868

Ion Ratio Lower Upper

200 100

173 21.9 3.0 43.0

215 47.0 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

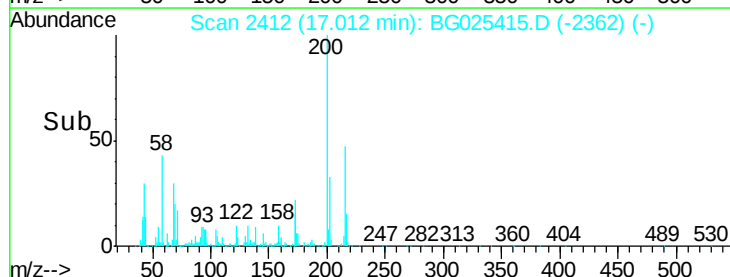
17.01

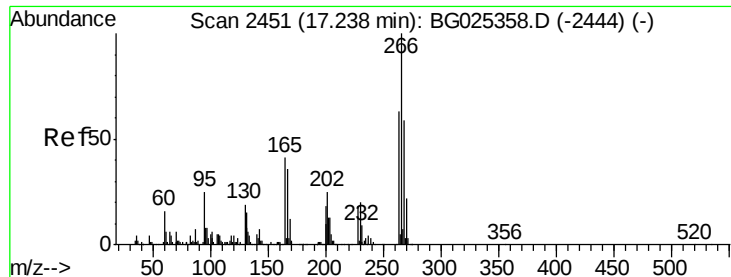
100000

50000

0

Time--> 16.90 17.00 17.10





#69

Pentachlorophenol

Concen: 80.39 ng

RT: 17.23 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

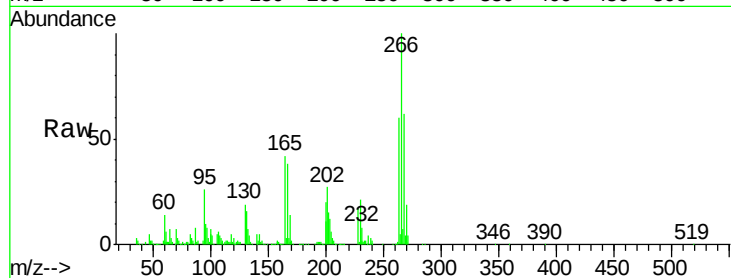
Tgt Ion:266 Resp: 224376

Ion Ratio Lower Upper

266 100

268 62.2 48.6 72.8

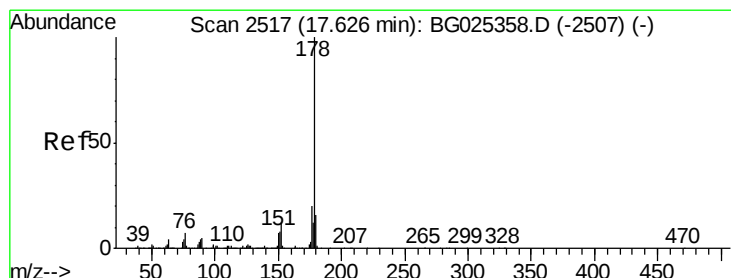
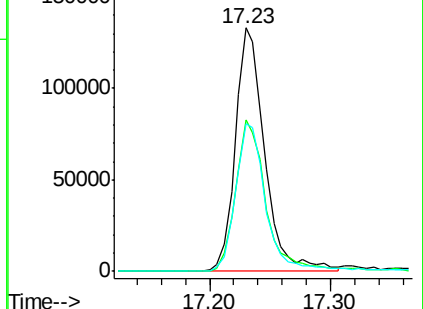
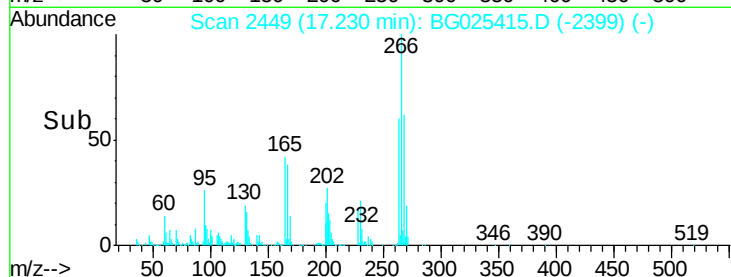
264 60.5 50.1 75.1



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: 42.28 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

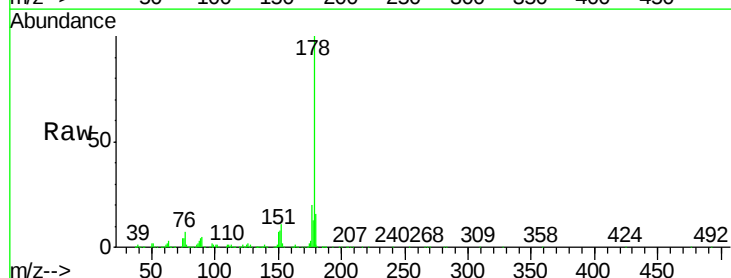
Tgt Ion:178 Resp: 828461

Ion Ratio Lower Upper

178 100

176 20.4 17.7 26.5

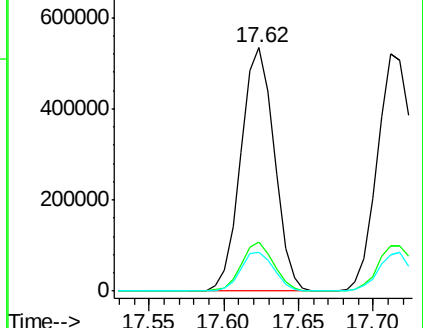
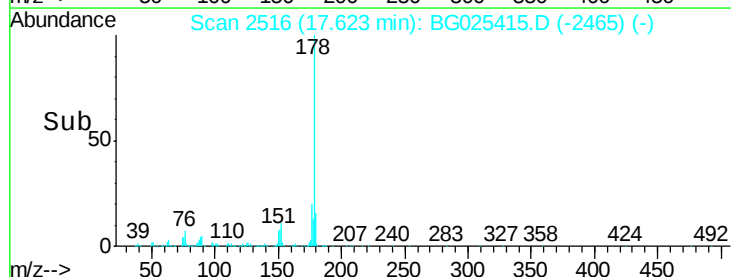
179 16.0 15.0 22.6

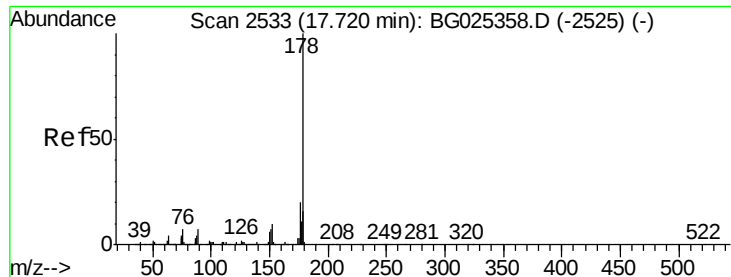


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

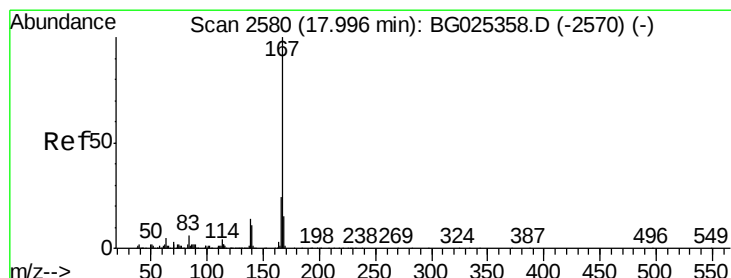
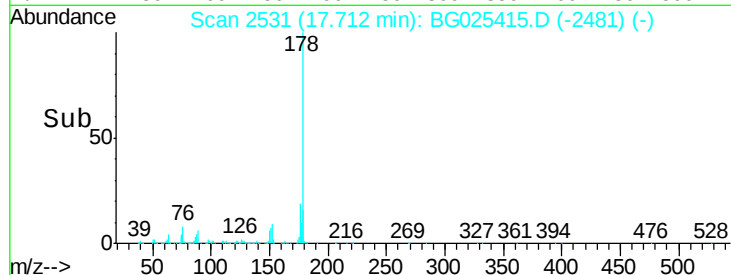
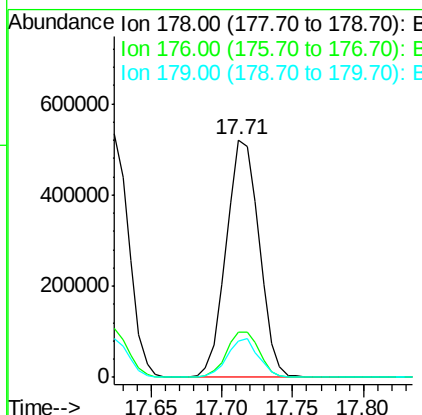
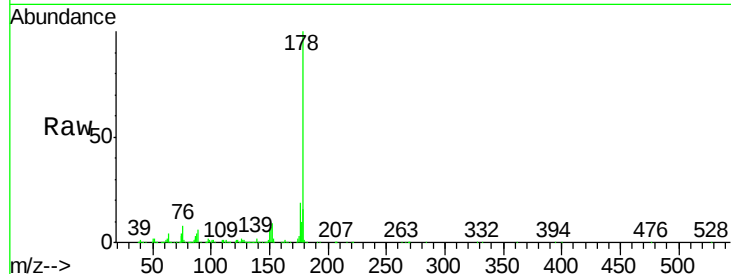




#71
 Anthracene
 Concen: 42.52 ng
 RT: 17.71 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

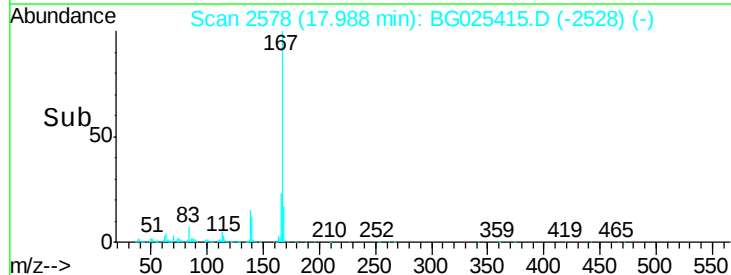
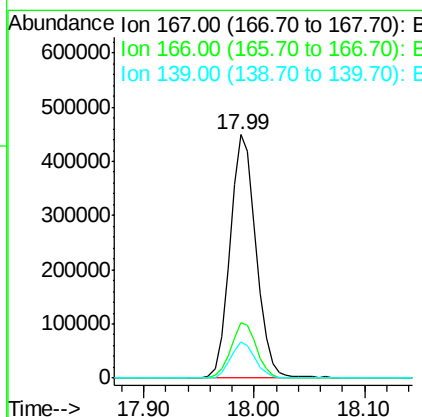
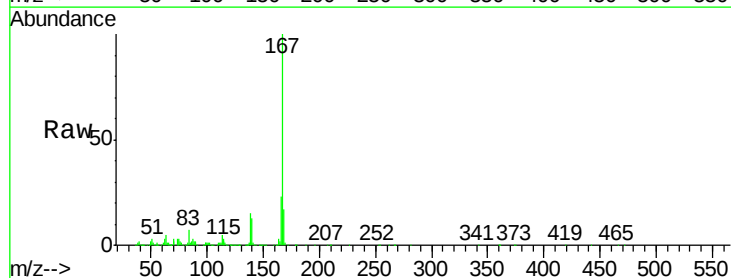
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

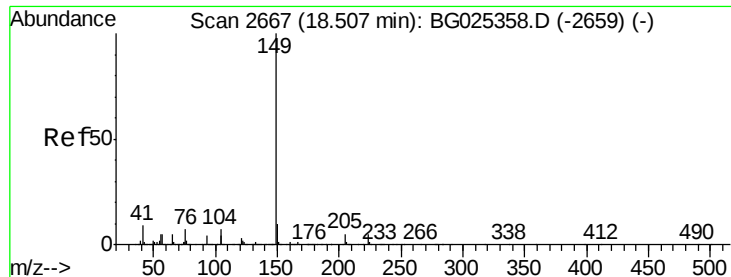
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.4	24.6
179	15.5	13.8	20.8



#72
 Carbazole
 Concen: 41.60 ng
 RT: 17.99 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	20.2	30.2
139	14.7	12.8	19.2





#73

Di-n-butylphthalate

Concen: 42.01 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

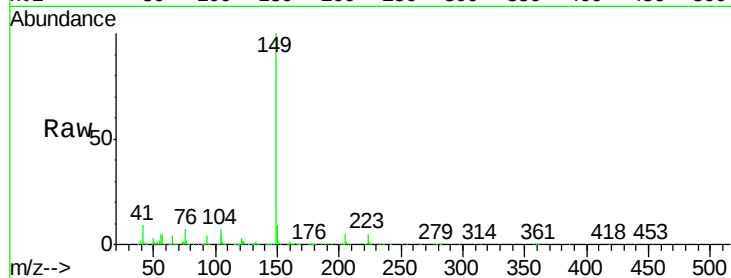
Tgt Ion:149 Resp: 920444

Ion Ratio Lower Upper

149 100

150 9.2 9.1 13.7

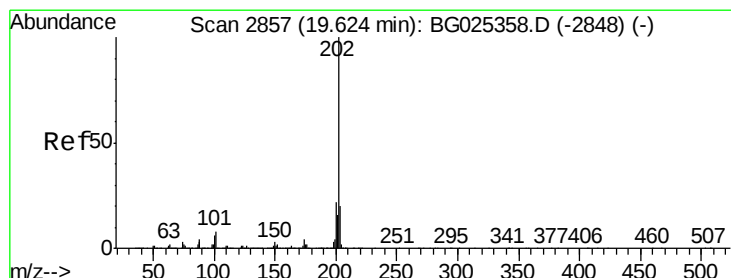
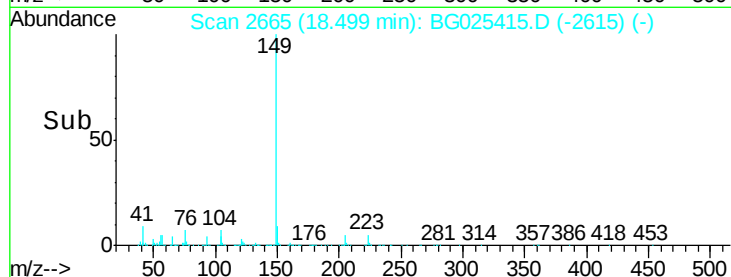
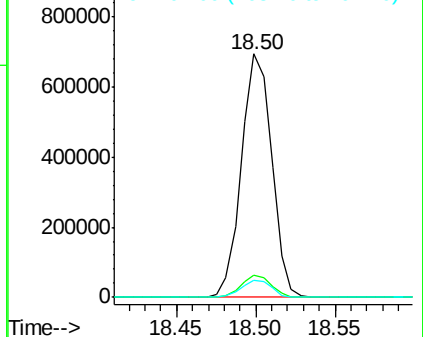
104 6.8 6.7 10.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.20 ng

RT: 19.62 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

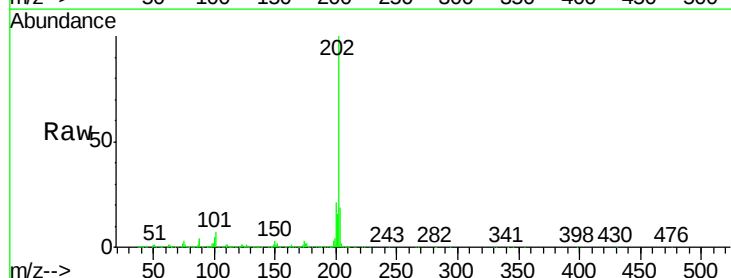
Tgt Ion:202 Resp: 1118209

Ion Ratio Lower Upper

202 100

101 7.0 0.0 30.1

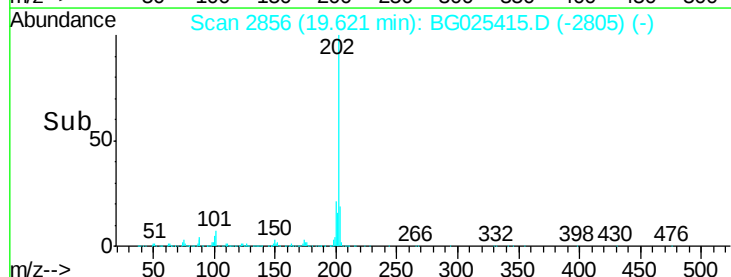
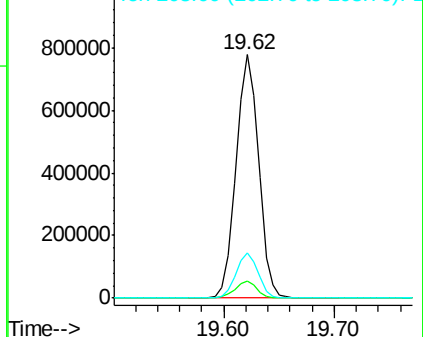
203 18.5 1.3 41.3

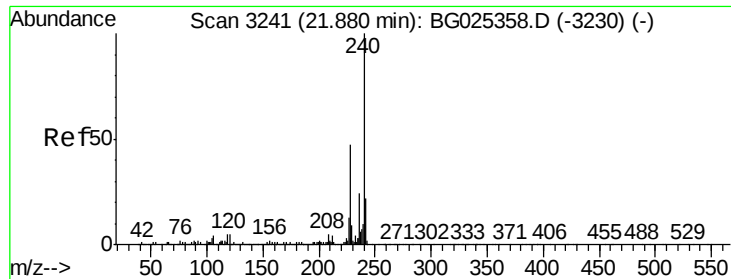


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

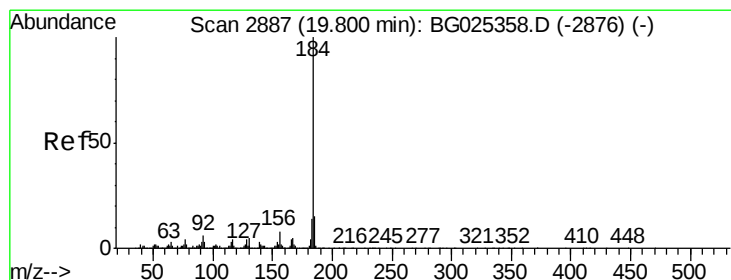
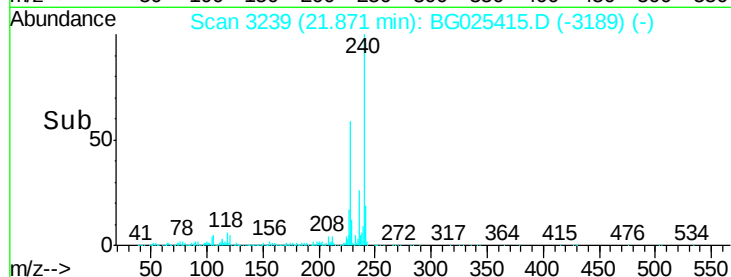
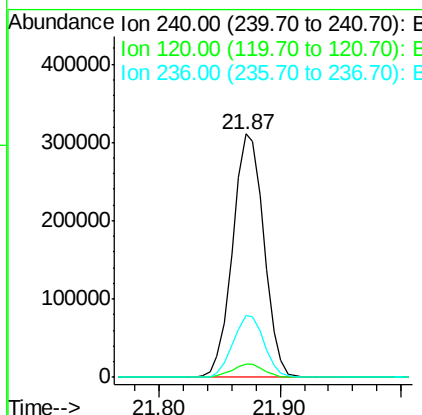
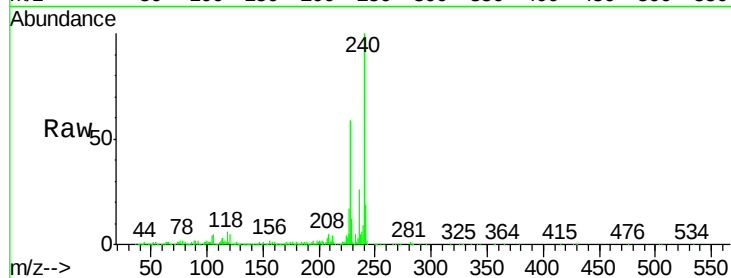




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

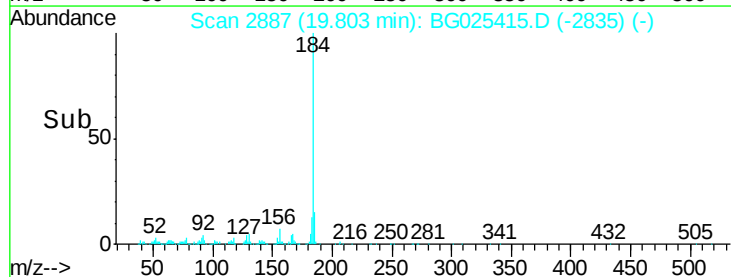
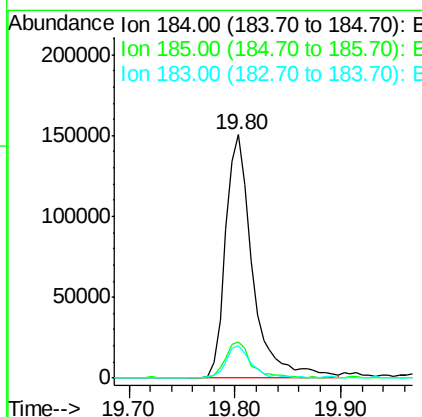
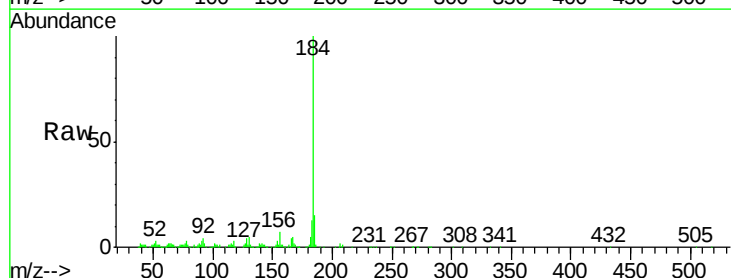
Instrument :
BNA_G
ClientSampleId :
PB95693BS

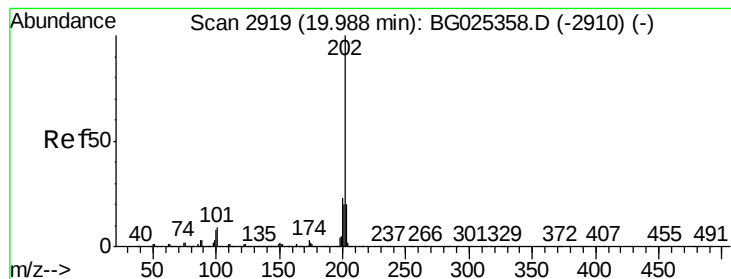
Tgt Ion:240 Resp: 560943
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 25.5 22.2 33.4



#76
Benzidine
Concen: 19.10 ng
RT: 19.80 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion:184 Resp: 267271
Ion Ratio Lower Upper
184 100
185 14.7 13.0 19.6
183 13.4 11.0 16.6





#77

Pyrene

Concen: 39.04 ng

RT: 19.99 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

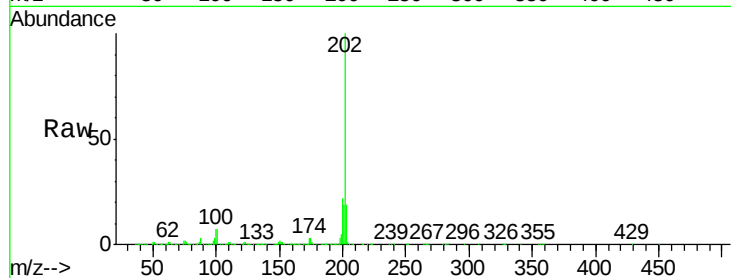
Tgt Ion:202 Resp: 1144395

Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.6	29.4
203	19.0	15.8	23.8

202 100

200 22.1 19.6 29.4

203 19.0 15.8 23.8

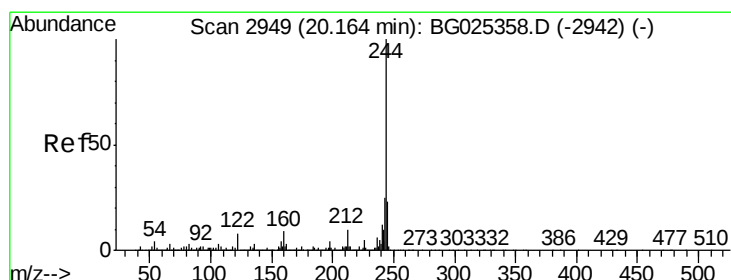
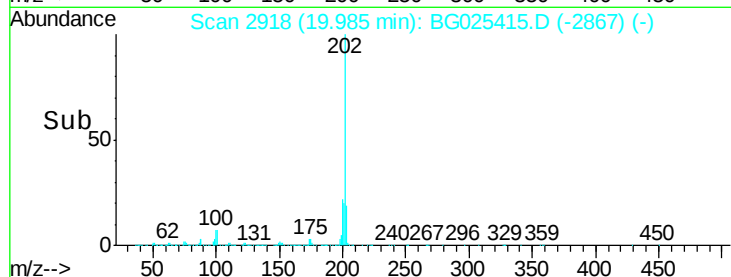
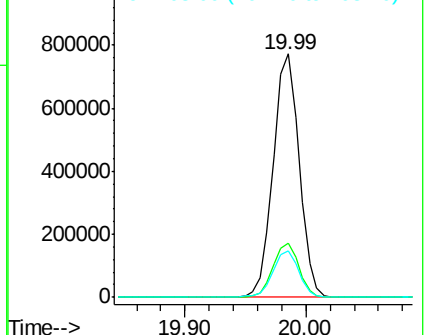


Abundance

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: 80.97 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

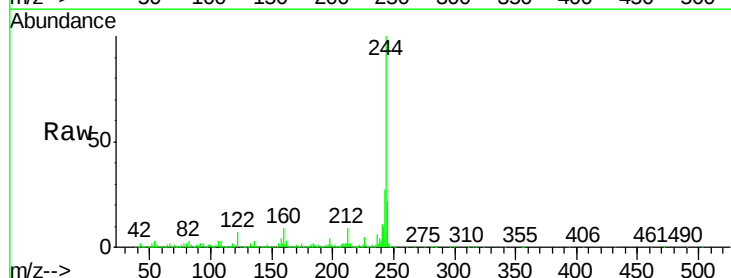
Tgt Ion:244 Resp: 1712970

Ion	Ratio	Lower	Upper
244	100		
212	9.4	10.0	15.0#
122	7.0	8.6	12.8#

244 100

212 9.4 10.0 15.0#

122 7.0 8.6 12.8#

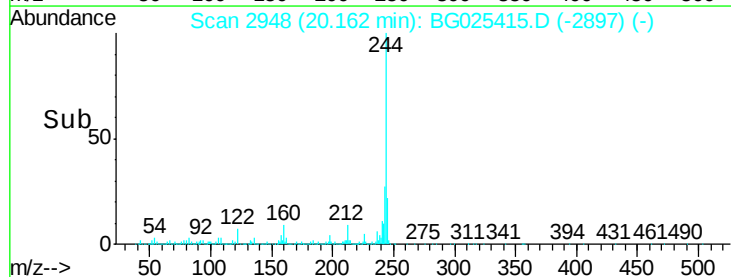
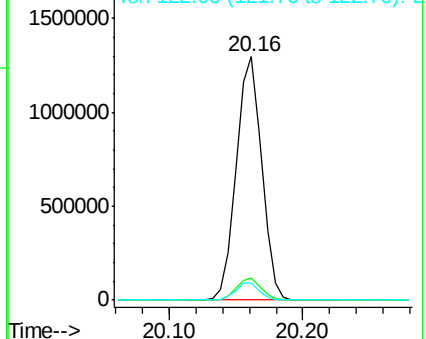


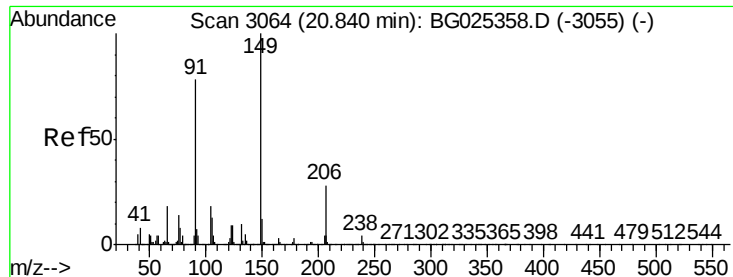
Abundance

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

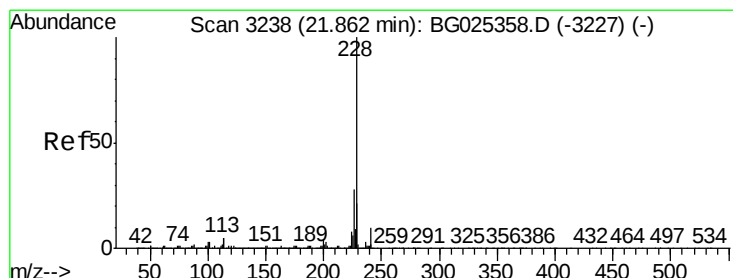
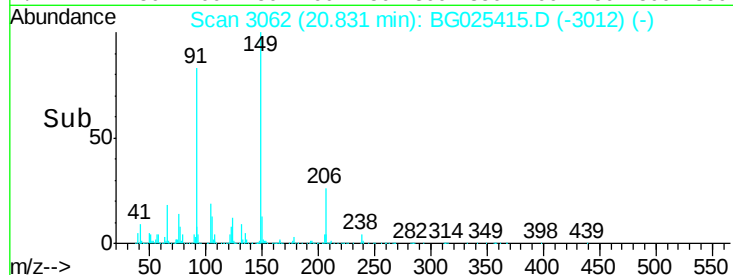
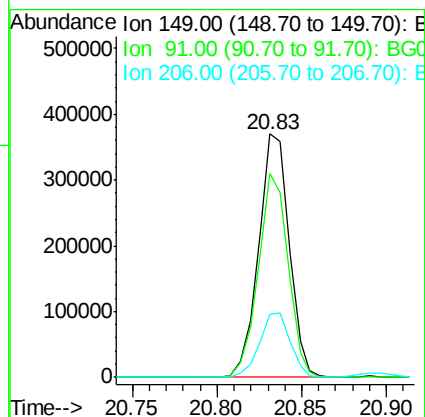
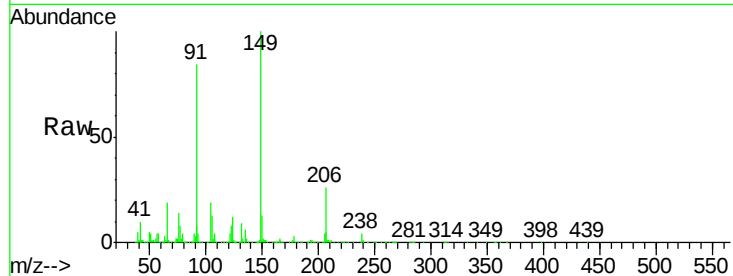




#79
Butylbenzylphthalate
Concen: 39.82 ng
RT: 20.83 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

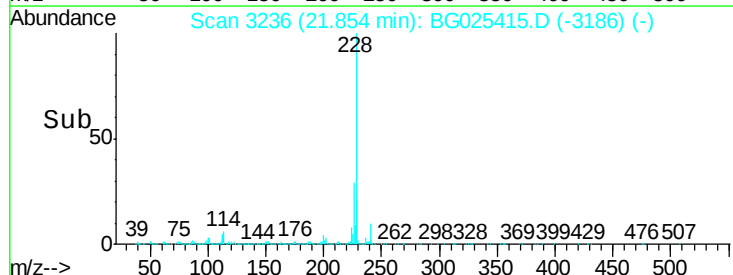
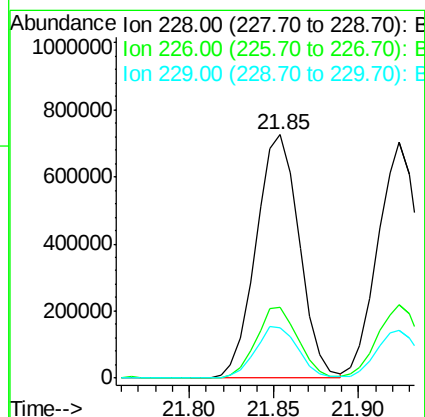
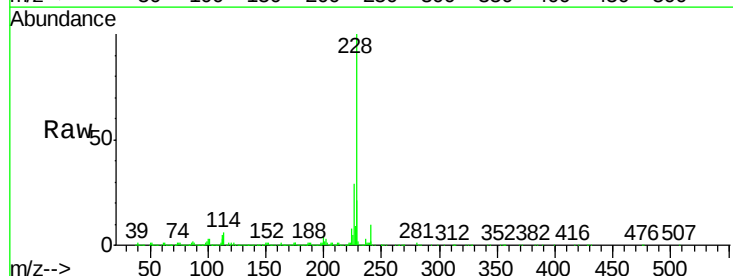
Instrument :
BNA_G
ClientSampleId :
PB95693BS

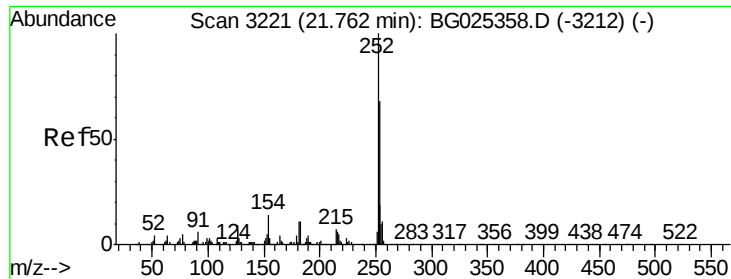
Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.6	63.5	95.3
206	26.1	21.0	31.6



#80
Benzo(a)anthracene
Concen: 41.26 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG025415.D
Acq: 30 Dec 2016 15:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	20.6	18.2	27.2

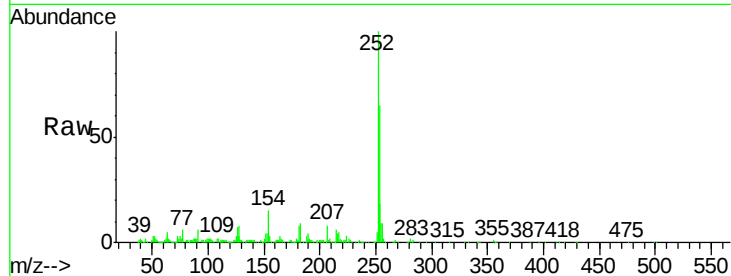




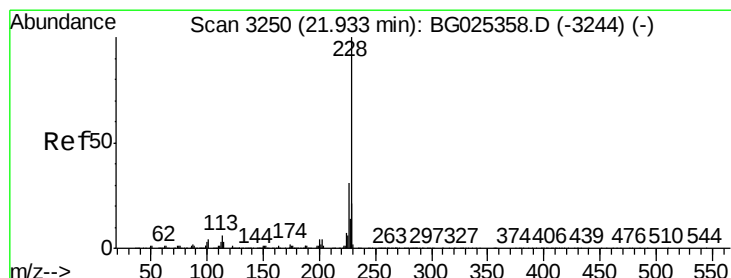
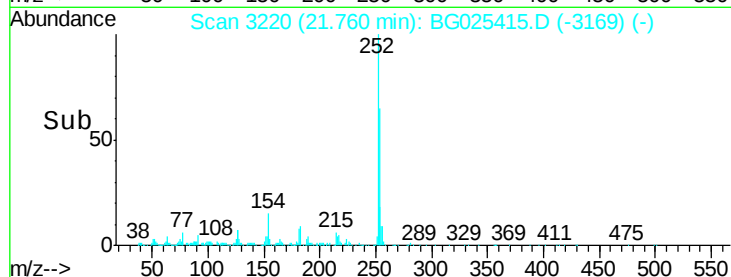
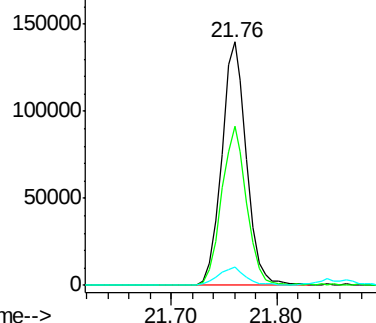
#81
 3,3'-Dichlorobenzidine
 Concen: 18.75 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

Tgt Ion: 252 Resp: 227881
 Ion Ratio Lower Upper
 252 100
 254 65.3 53.1 79.7
 126 7.3 7.0 10.4

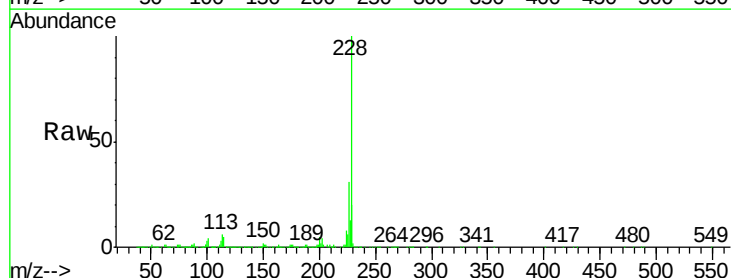


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

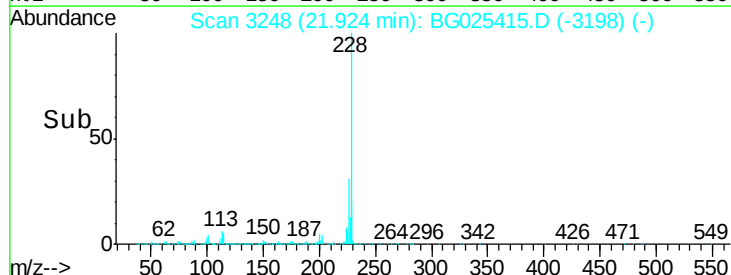
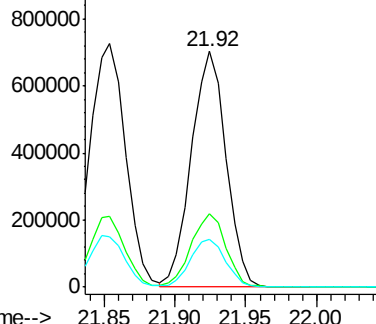


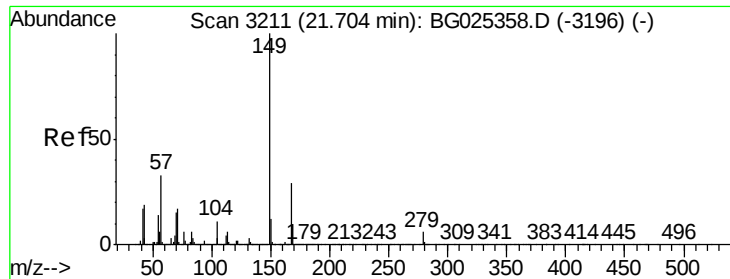
#82
 Chrysene
 Concen: 40.03 ng
 RT: 21.92 min Scan# 3248
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion: 228 Resp: 1201073
 Ion Ratio Lower Upper
 228 100
 226 31.3 27.0 40.4
 229 20.3 17.8 26.6



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

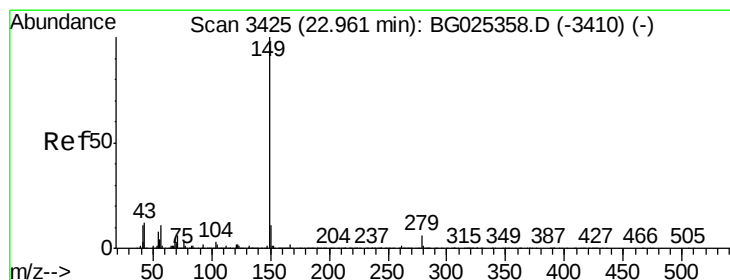
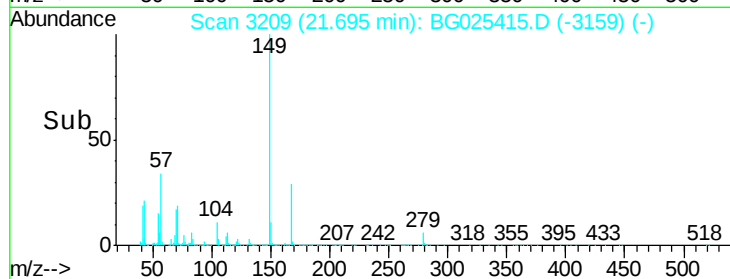
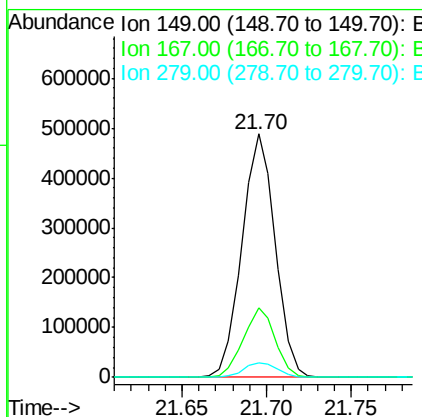
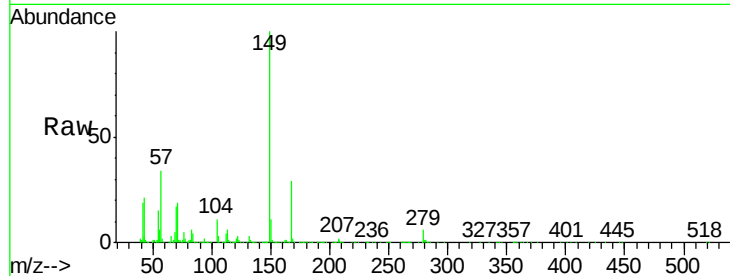




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.80 ng
 RT: 21.70 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

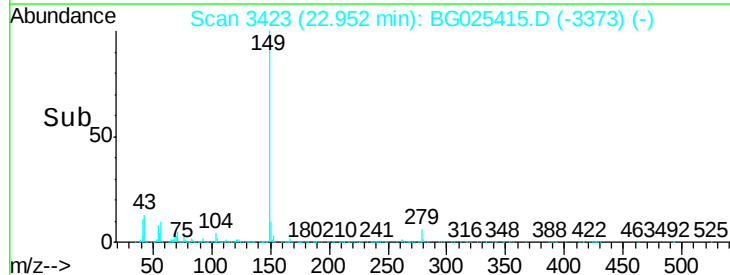
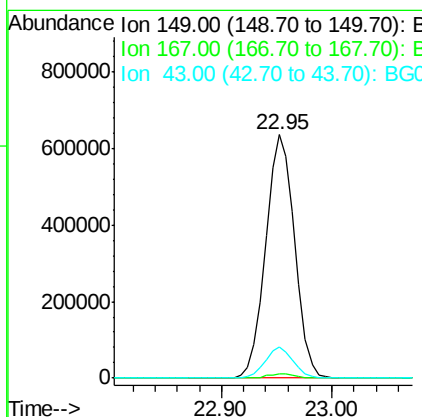
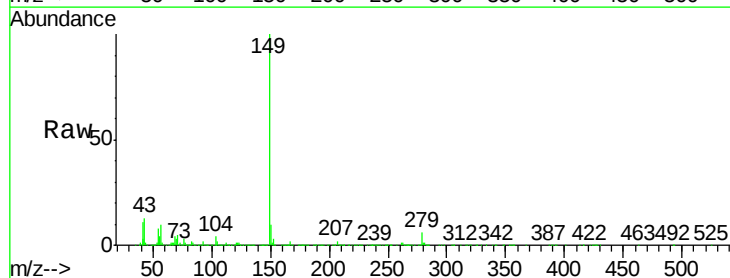
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

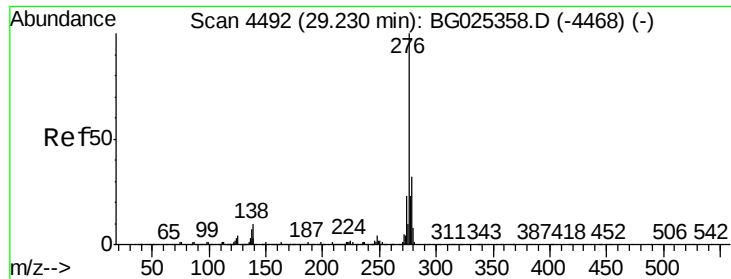
Tgt Ion:149 Resp: 668292
 Ion Ratio Lower Upper
 149 100
 167 28.8 23.7 35.5
 279 6.0 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 42.72 ng
 RT: 22.95 min Scan# 3423
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion:149 Resp: 1161741
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 12.3 11.8 17.6

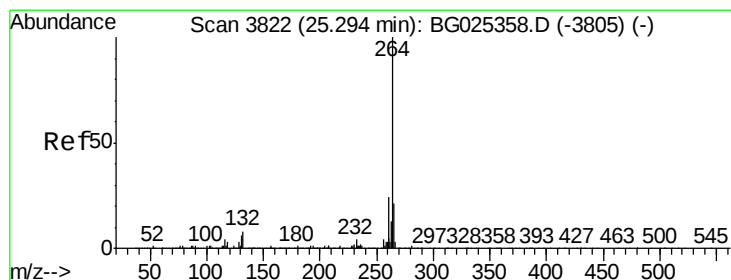
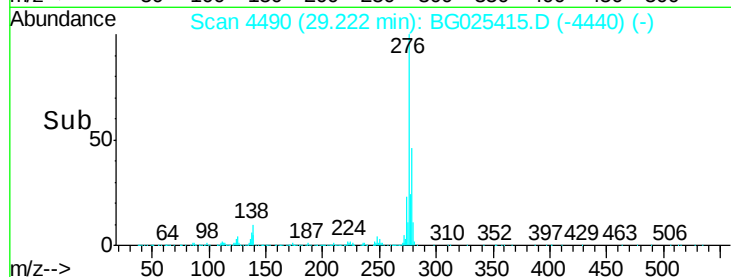
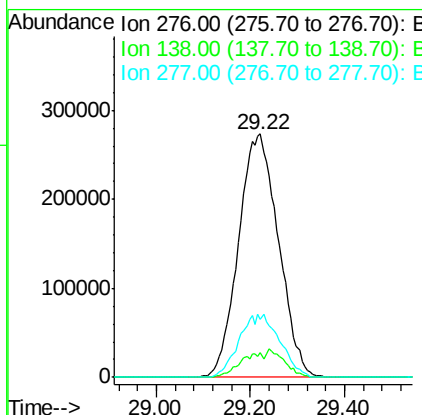
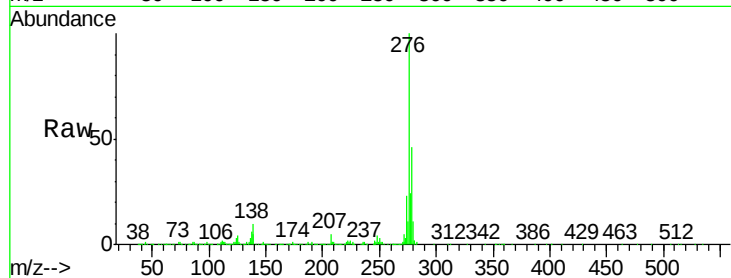




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.25 ng
 RT: 29.22 min Scan# 4490
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

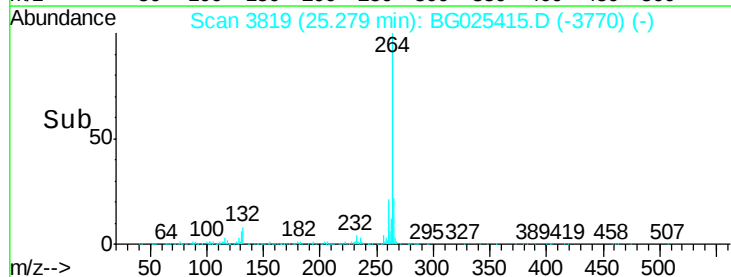
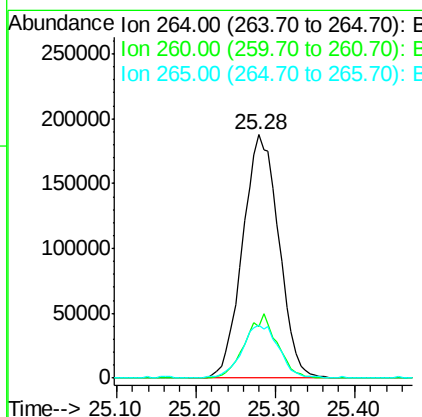
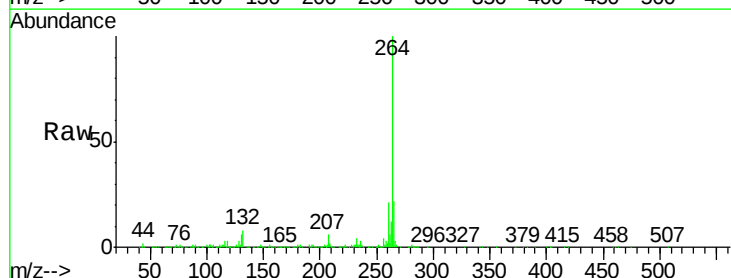
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BS

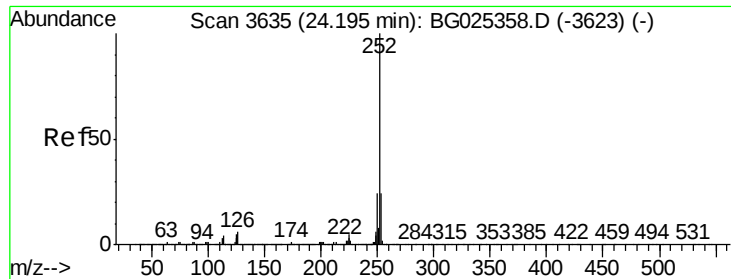
Tgt Ion: 276 Resp: 1611567
 Ion Ratio Lower Upper
 276 100
 138 6.0 4.7 7.1
 277 11.4 20.6 31.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3819
 Delta R.T. -0.01 min
 Lab File: BG025415.D
 Acq: 30 Dec 2016 15:59

Tgt Ion: 264 Resp: 594005
 Ion Ratio Lower Upper
 264 100
 260 21.4 21.8 32.8#
 265 21.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 41.23 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.00 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

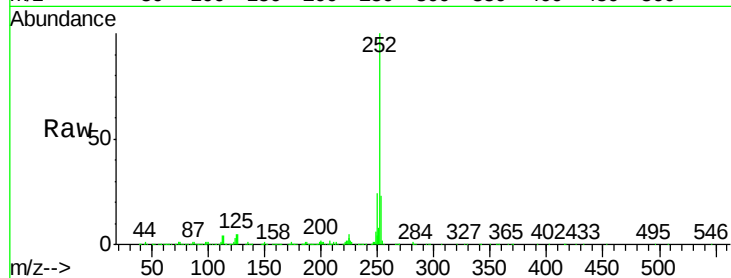
Tgt Ion:252 Resp: 1336374

Ion Ratio Lower Upper

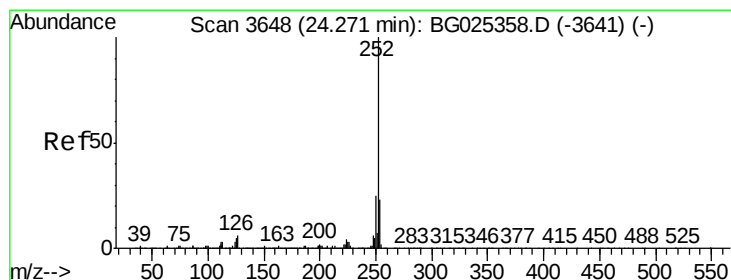
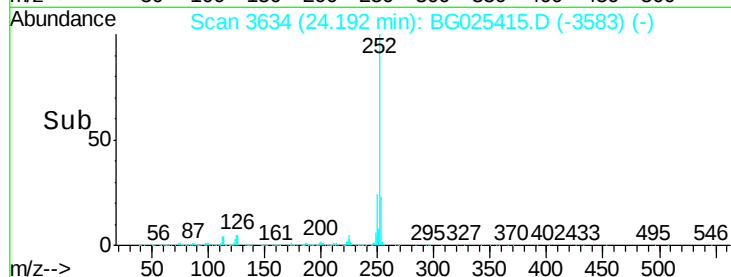
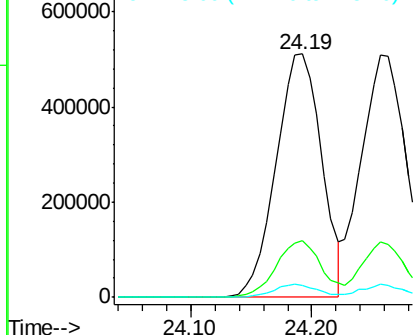
252 100

253 23.2 18.7 28.1

125 4.9 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.05 ng

RT: 24.26 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

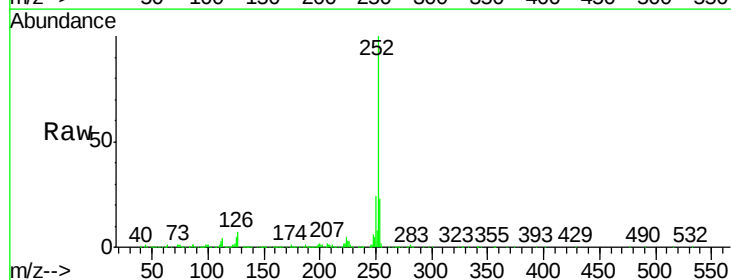
Tgt Ion:252 Resp: 1316048

Ion Ratio Lower Upper

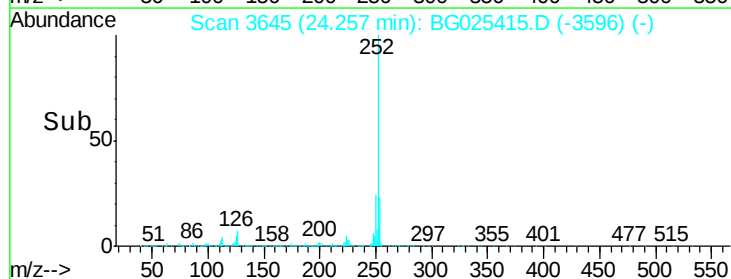
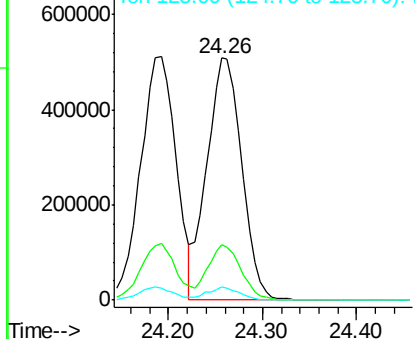
252 100

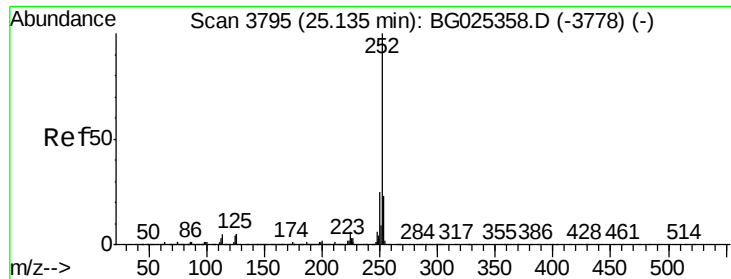
253 22.7 20.2 30.2

125 5.2 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.74 ng

RT: 25.12 min Scan# 3792

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

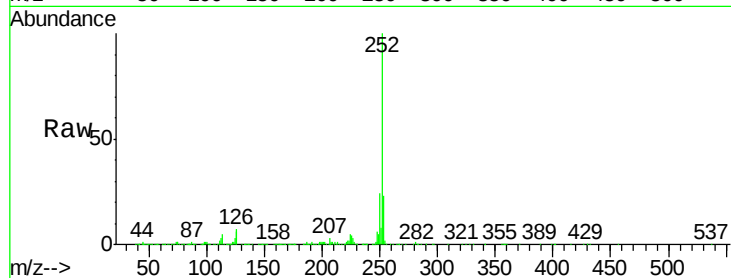
Tgt Ion:252 Resp: 1306393

Ion Ratio Lower Upper

252 100

253 23.3 19.2 28.8

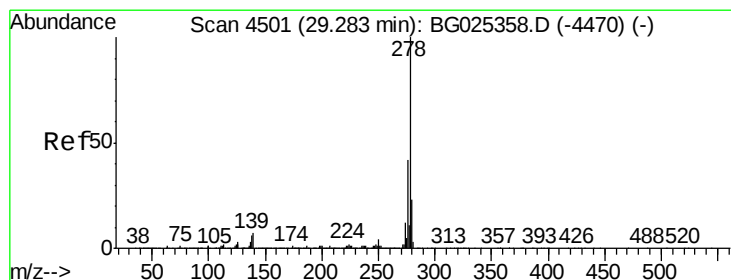
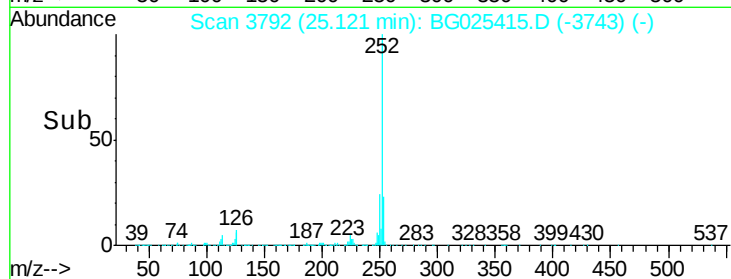
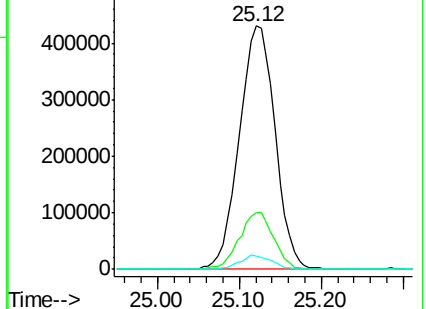
125 5.6 5.4 8.0



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: 41.51 ng

RT: 29.26 min Scan# 4497

Delta R.T. -0.02 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

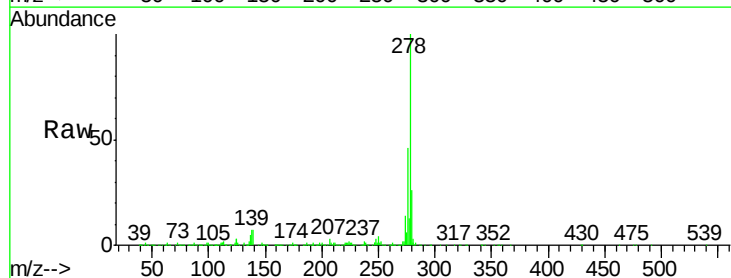
Tgt Ion:278 Resp: 1377283

Ion Ratio Lower Upper

278 100

139 6.8 7.7 11.5#

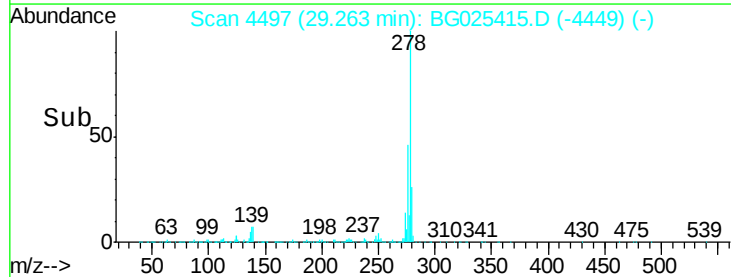
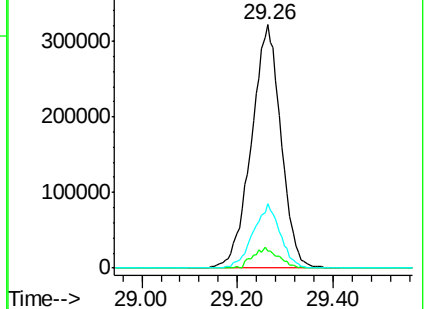
279 26.3 19.1 28.7

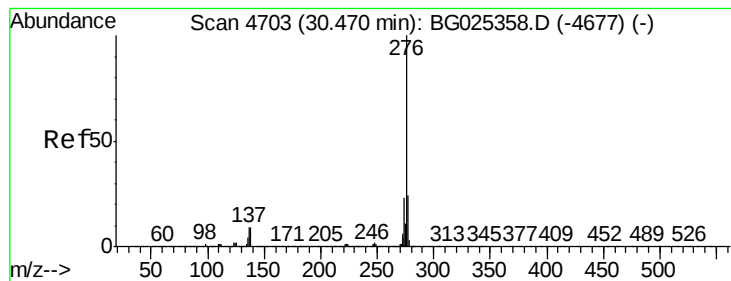


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.41 ng

RT: 30.46 min Scan# 4700

Delta R.T. -0.01 min

Lab File: BG025415.D

Acq: 30 Dec 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PB95693BS

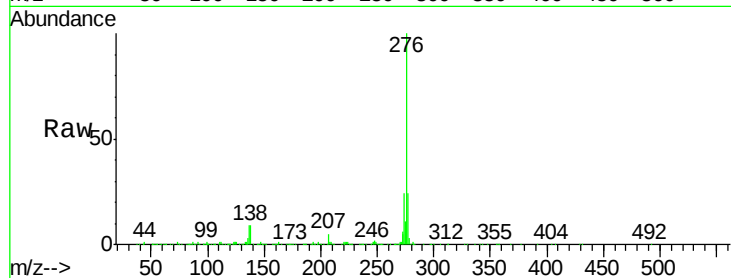
Tgt Ion: 276 Resp: 1365130

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 8.5 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

