

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025436.D
 Acq On : 9 Jan 2017 18:54
 Operator : UM/SJ
 Sample : PB95829BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

Quant Time: Jan 10 00:02:46 2017
 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	8.20	152	51699	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	213817	20.00	ng	-0.01
38) Acenaphthene-d10	14.83	164	174199	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	412841	20.00	ng	-0.01
75) Chrysene-d12	21.87	240	592514	20.00	ng	-0.01
86) Perylene-d12	25.26	264	650512	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	403139	141.74	ng	-0.01
7) Phenol-d6	7.36	99	574521	143.42	ng	-0.01
23) Nitrobenzene-d5	9.39	82	423053	87.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	370348	132.05	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	947746	88.08	ng	-0.01
78) Terphenyl-d14	20.15	244	1908801	85.42	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	41073	33.85	ng	89
3) Pyridine	3.99	79	116802	33.20	ng	97
4) n-Nitrosodimethylamine	3.91	42	86486	41.42	ng	# 94
6) Aniline	7.52	93	106315	19.59	ng	94
8) 2-Chlorophenol	7.76	128	136153	42.43	ng	93
9) Benzaldehyde	7.35	77	12826	4.38	ng	# 78
10) Phenol	7.39	94	198585	44.72	ng	96
11) bis(2-Chloroethyl)ether	7.61	93	132011	38.58	ng	92
12) 1,3-Dichlorobenzene	8.08	146	148317	38.20	ng	99
13) 1,4-Dichlorobenzene	8.23	146	151618	37.68	ng	95
14) 1,2-Dichlorobenzene	8.56	146	142240	37.04	ng	96
15) Benzyl Alcohol	8.45	79	163048	42.64	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.72	45	252599	39.86	ng	93
17) 2-Methylphenol	8.65	107	132423	45.41	ng	97
18) Hexachloroethane	9.28	117	62163	40.22	ng	92
19) n-Nitroso-di-n-propylamine	9.00	70	137547	40.65	ng	96
20) 3+4-Methylphenols	8.98	107	177089	43.88	ng	92
22) Acetophenone	9.03	105	234007	39.39	ng	# 94
24) Nitrobenzene	9.43	77	215354	40.57	ng	93
25) Isophorone	9.94	82	385049	43.94	ng	99
26) 2-Nitrophenol	10.14	139	83108	40.93	ng	98
27) 2,4-Dimethylphenol	10.19	122	137818	41.29	ng	86
28) bis(2-Chloroethoxy)methane	10.41	93	200199	43.99	ng	96
29) 2,4-Dichlorophenol	10.69	162	163686	45.82	ng	93
30) 1,2,4-Trichlorobenzene	10.88	180	172827	40.05	ng	96
31) Naphthalene	11.08	128	417962	39.14	ng	97
32) Benzoic acid	10.33	122	93015	34.65	ng	97
33) 4-Chloroaniline	11.21	127	54846	12.21	ng	98
34) Hexachlorobutadiene	11.33	225	138167	39.22	ng	94
35) Caprolactam	11.98	113	37023	27.59	ng	# 78
36) 4-Chloro-3-methylphenol	12.31	107	191974	43.54	ng	99
37) 2-Methylnaphthalene	12.67	142	338232	42.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	238951	41.55	ng	# 95
40) Hexachlorocyclopentadiene	12.99	237	222260	103.06	ng	98

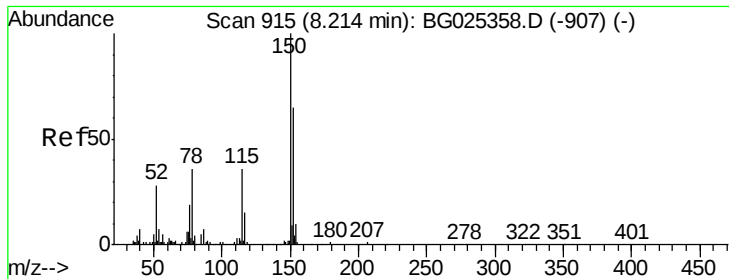
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025436.D
 Acq On : 9 Jan 2017 18:54
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	146977	40.59	ng	92
43) 2,4,5-Trichlorophenol	13.36	196	154019	40.63	ng	96
45) 1,1'-Biphenyl	13.66	154	493798	42.14	ng	97
46) 2-Chloronaphthalene	13.71	162	374330	40.89	ng	99
47) 2-Nitroaniline	13.93	65	165241	42.77	ng	95
48) Acenaphthylene	14.56	152	585694	41.28	ng	96
49) Dimethylphthalate	14.27	163	547268	43.09	ng	98
50) 2,6-Dinitrotoluene	14.41	165	119509	43.08	ng	97
51) Acenaphthene	14.89	154	372408	40.13	ng	94
52) 3-Nitroaniline	14.76	138	43488	16.31	ng	88
53) 2,4-Dinitrophenol	14.97	184	147432	80.97	ng	86
54) Dibenzofuran	15.23	168	635705	43.33	ng	97
55) 4-Nitrophenol	15.07	139	178737	89.72	ng	93
56) 2,4-Dinitrotoluene	15.21	165	175964	43.56	ng	# 90
57) Fluorene	15.87	166	517845	42.16	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.46	232	171979	42.35	ng	93
59) Diethylphthalate	15.62	149	569133	42.74	ng	99
60) 4-Chlorophenyl-phenylether	15.85	204	290047	41.67	ng	97
61) 4-Nitroaniline	15.91	138	99329	37.01	ng	# 76
62) Azobenzene	16.14	77	598569	46.61	ng	96
64) 4,6-Dinitro-2-methylphenol	15.97	198	112677	39.41	ng	83
65) n-Nitrosodiphenylamine	16.07	169	482322	43.22	ng	98
66) 4-Bromophenyl-phenylether	16.74	248	220089	43.21	ng	92
67) Hexachlorobenzene	16.87	284	237815	40.69	ng	91
68) Atrazine	17.01	200	226744	46.38	ng	97
69) Pentachlorophenol	17.22	266	251287	82.93	ng	95
70) Phenanthrene	17.71	178	954940	44.89	ng	94
71) Anthracene	17.71	178	954940	44.18	ng	97
72) Carbazole	17.98	167	822383	42.53	ng	95
73) Di-n-butylphthalate	18.49	149	1010396	42.47	ng	# 95
74) Fluoranthene	19.62	202	1234187	43.92	ng	94
76) Benzidine	19.79	184	271949	18.40	ng	94
77) Pyrene	19.97	202	1263233	40.79	ng	95
79) Butylbenzylphthalate	20.83	149	516774	41.56	ng	99
80) Benzo(a)anthracene	21.84	228	1407480	42.59	ng	96
81) 3,3'-Dichlorobenzidine	21.75	252	240124	18.71	ng	# 95
82) Chrysene	21.91	228	1308100	41.27	ng	97
83) Bis(2-ethylhexyl)phthalate	21.68	149	751989	43.46	ng	96
84) Di-n-octyl phthalate	22.94	149	1303487	45.37	ng	96
85) Indeno(1,2,3-cd)pyrene	29.18	276	1880377	46.67	ng	99
87) Benzo(b)fluoranthene	24.17	252	1495658	42.14	ng	97
88) Benzo(k)fluoranthene	24.17	252	1495658	43.63	ng	94
89) Benzo(a)pyrene	25.10	252	1459181	42.57	ng	96
90) Dibenzo(a,h)anthracene	29.23	278	1552139	42.72	ng	98
91) Benzo(g,h,i)perylene	30.41	276	1548156	42.88	ng	99

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

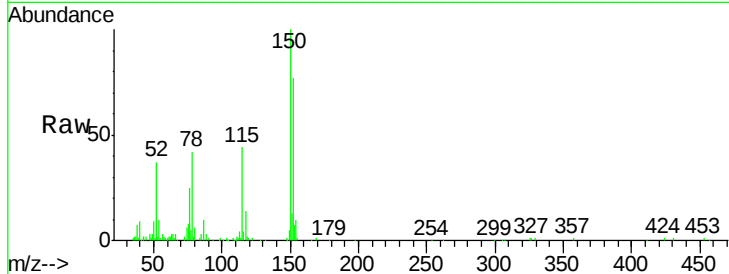


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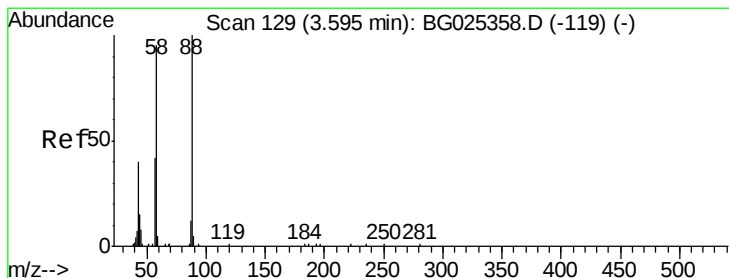
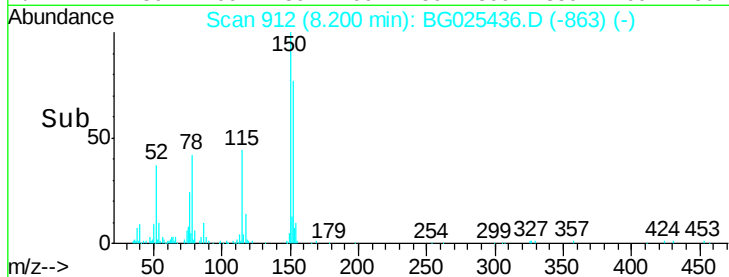
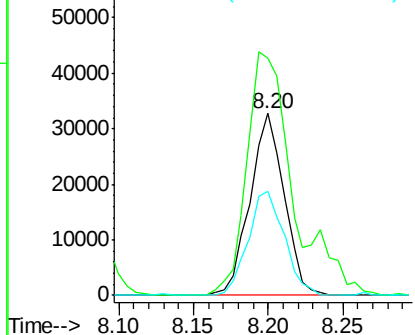
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Instrument :
BNA_G
ClientSampleId :
PB95829BS

Tgt Ion:152 Resp: 51699
Ion Ratio Lower Upper
152 100
150 130.4 114.0 171.0
115 57.4 48.1 72.1



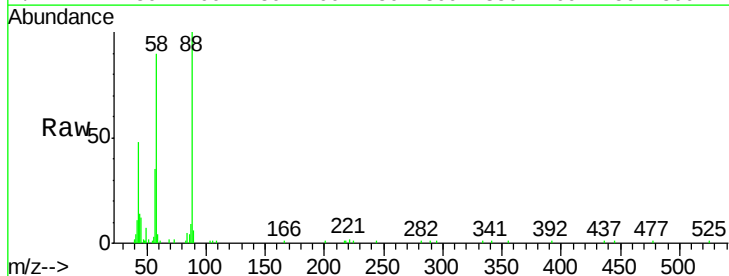
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



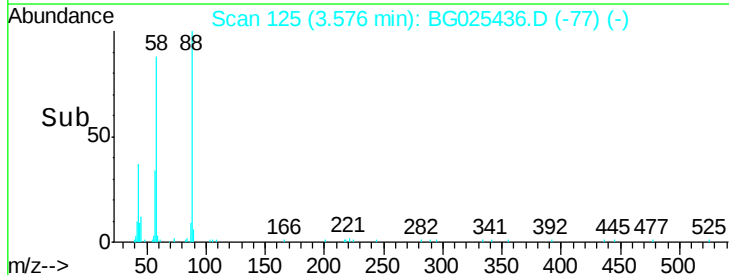
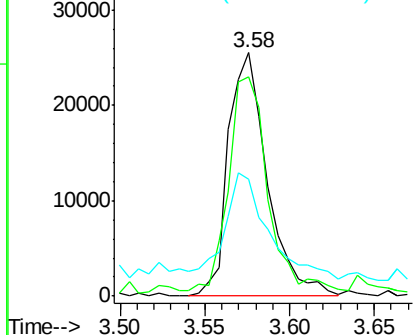
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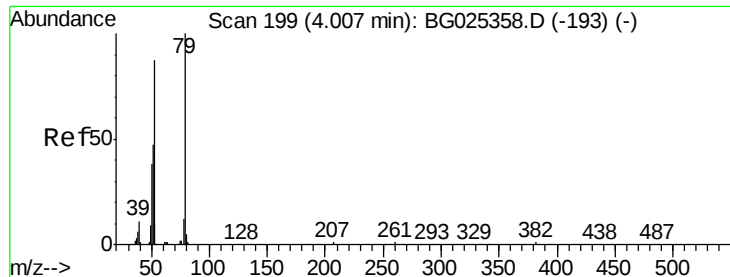
1,4-Dioxane
Concen: 33.85 ng
RT: 3.58 min Scan# 125
Delta R.T. -0.02 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion: 88 Resp: 41073
Ion Ratio Lower Upper
88 100
58 87.5 79.4 119.2
43 47.9 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: 33.20 ng

RT: 3.99 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

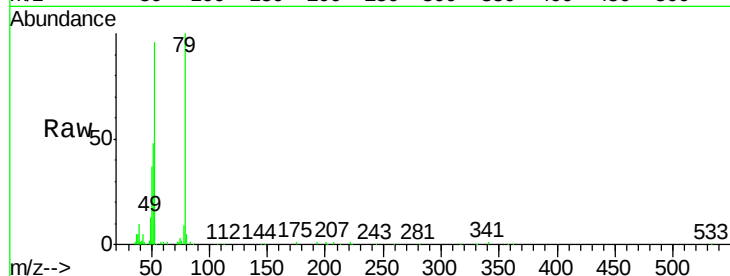
Tgt Ion: 79 Resp: 116802

Ion Ratio Lower Upper

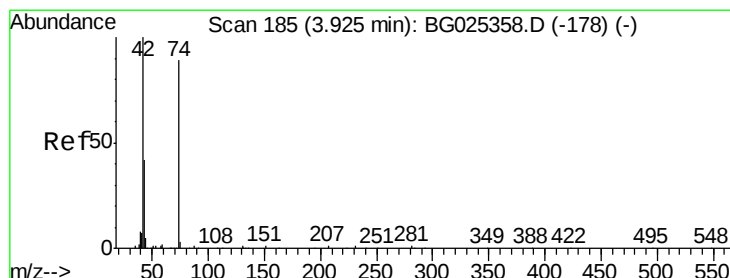
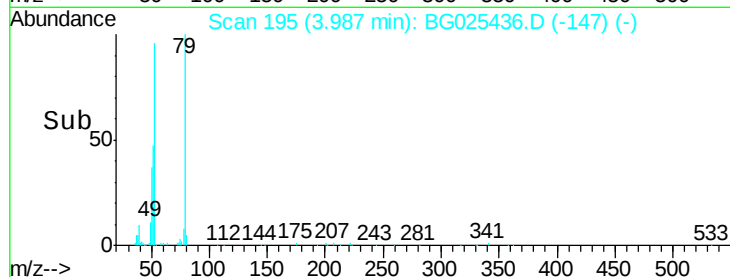
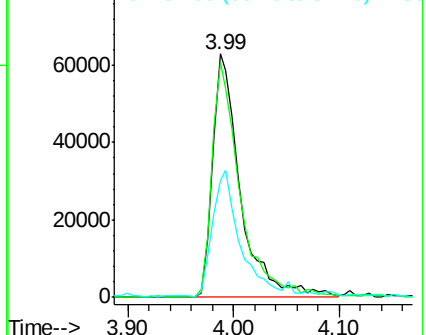
79 100

52 96.4 77.8 116.6

51 48.2 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.42 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

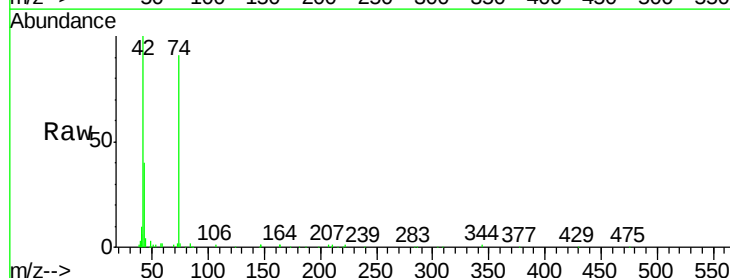
Tgt Ion: 42 Resp: 86486

Ion Ratio Lower Upper

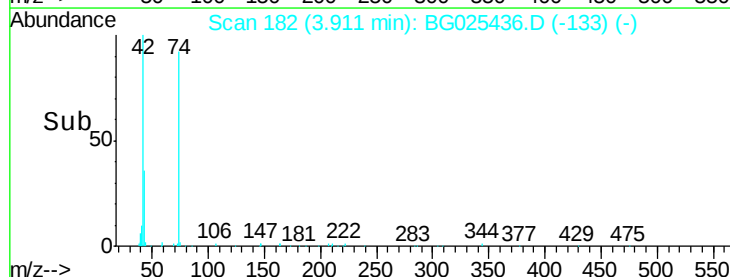
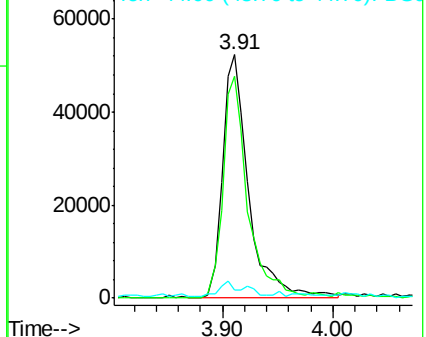
42 100

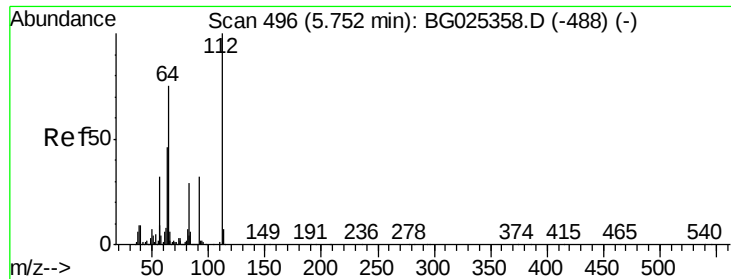
74 90.9 76.7 115.1

44 3.5 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.74 ng

RT: 5.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

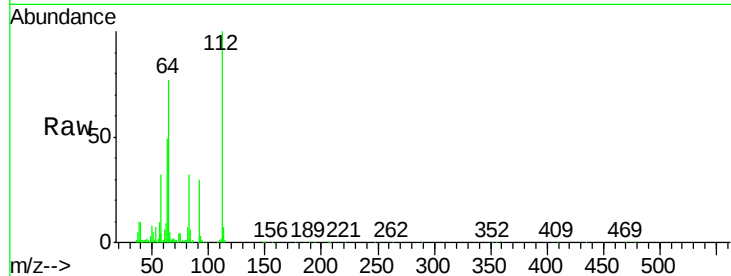
Tgt Ion: 112 Resp: 403139

Ion Ratio Lower Upper

112 100

64 76.7 61.8 92.6

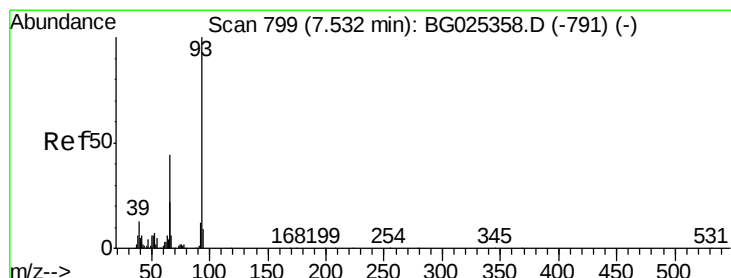
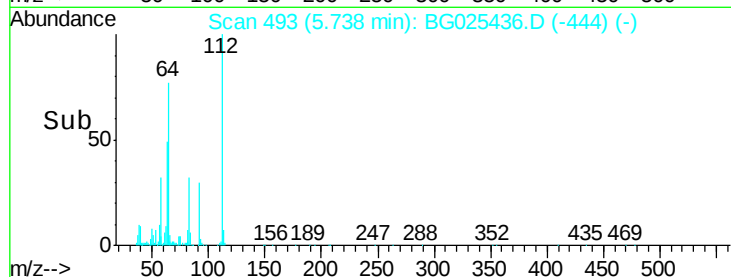
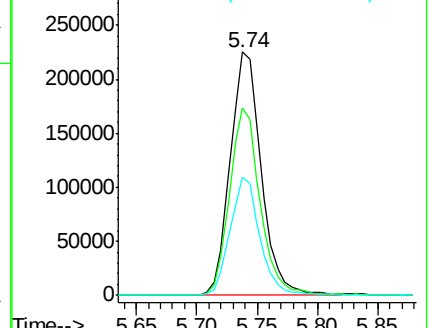
63 48.8 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.59 ng

RT: 7.52 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

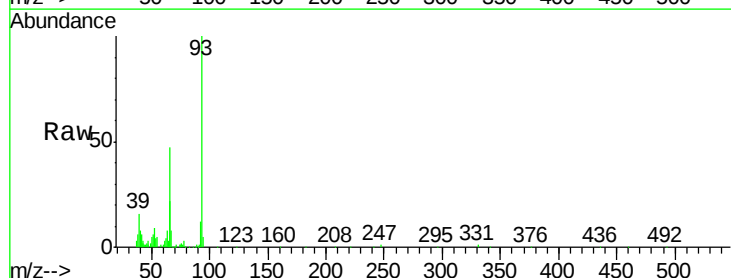
Tgt Ion: 93 Resp: 106315

Ion Ratio Lower Upper

93 100

66 47.1 35.4 53.2

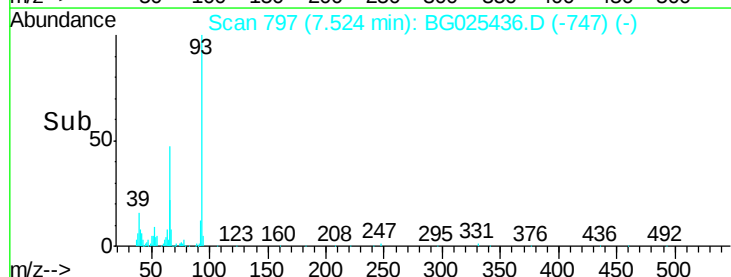
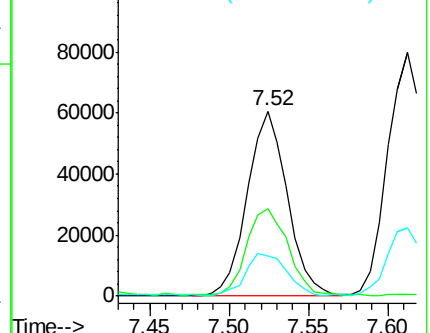
65 21.7 21.2 31.8

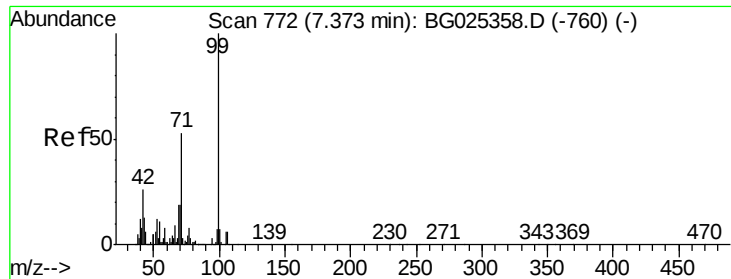


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.42 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

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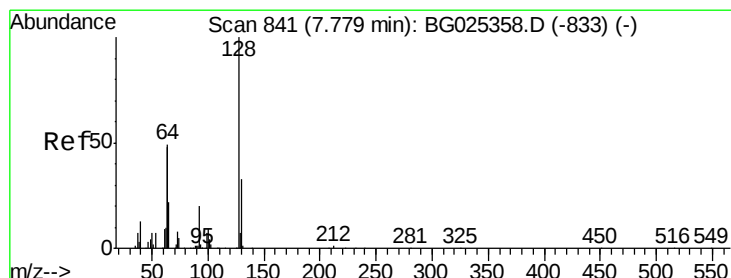
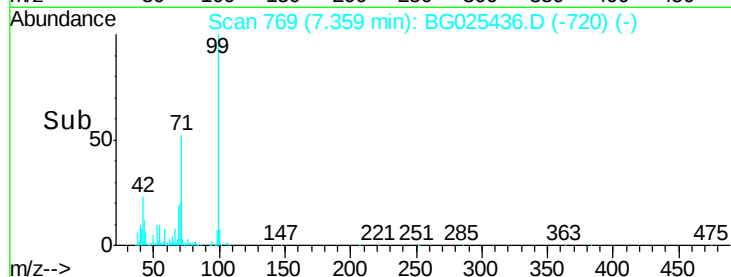
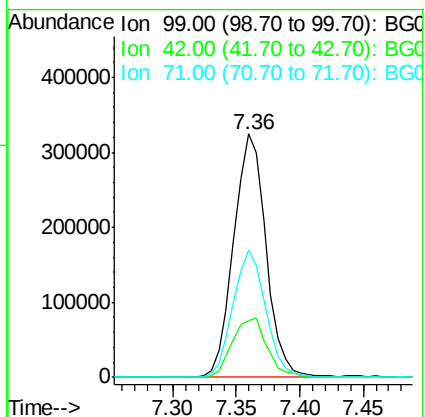
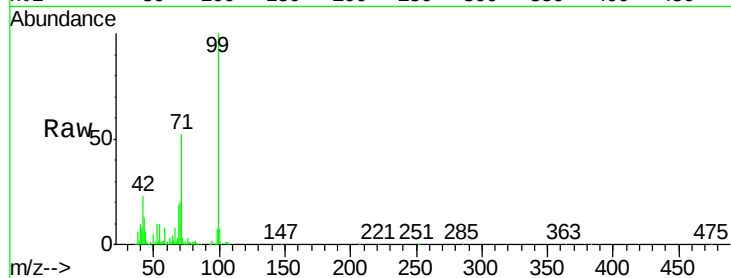
Tgt Ion: 99 Resp: 574521

Ion Ratio Lower Upper

99 100

42 23.4 20.5 30.7

71 52.3 37.6 56.4



#8

2-Chlorophenol

Concen: 42.43 ng

RT: 7.76 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

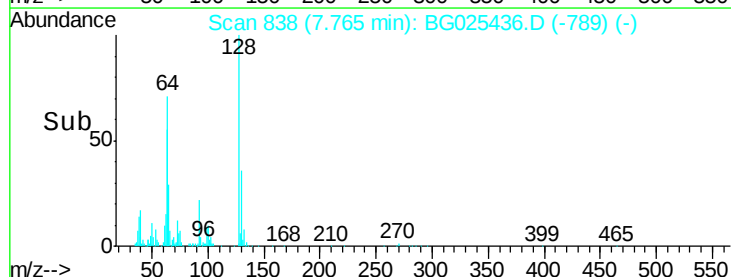
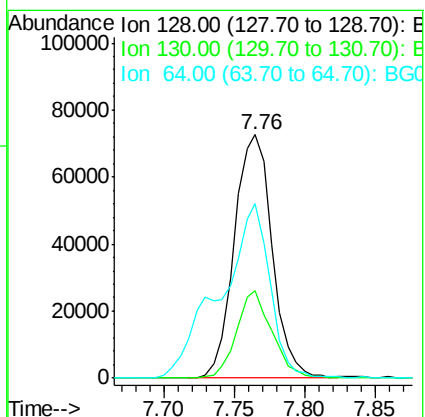
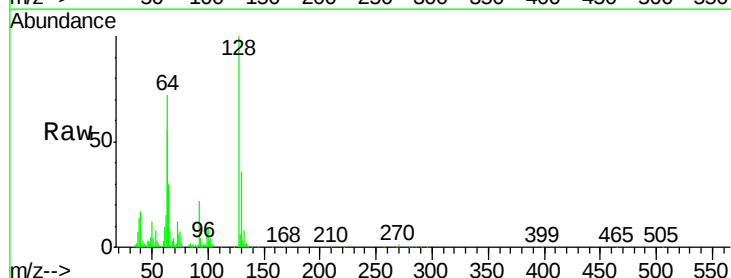
Tgt Ion: 128 Resp: 136153

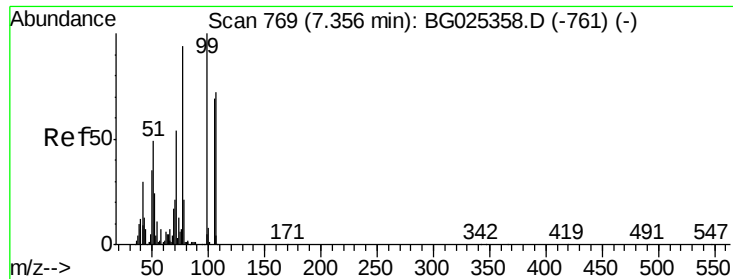
Ion Ratio Lower Upper

128 100

130 35.8 11.4 51.4

64 71.5 46.6 86.6





#9

Benzaldehyde

Concen: 4.38 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

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ClientSampleId :

PB95829BS

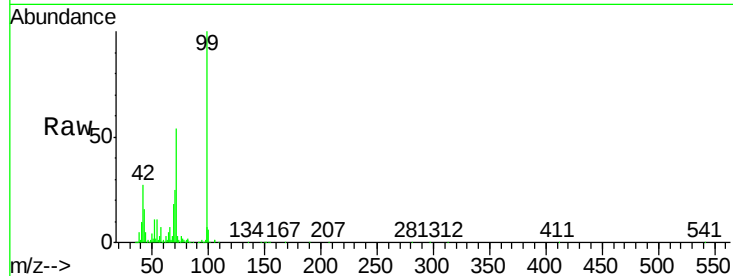
Tgt Ion: 77 Resp: 12826

Ion Ratio Lower Upper

77 100

105 58.4 60.9 100.9#

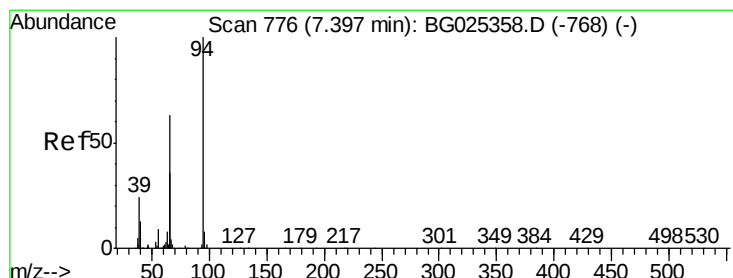
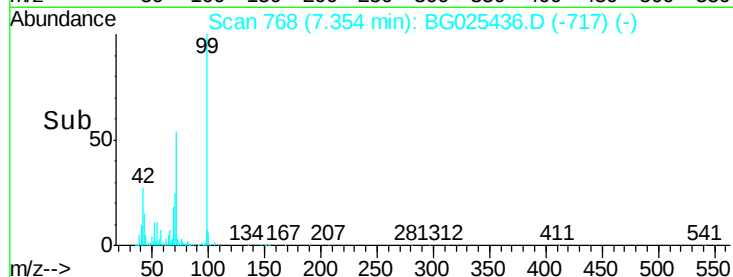
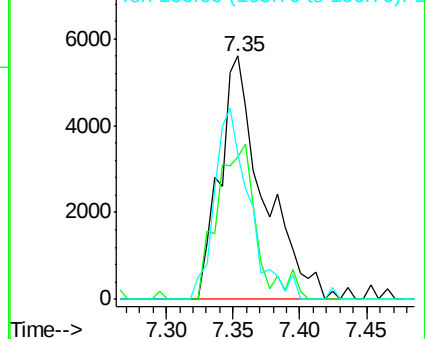
106 59.5 55.1 95.1



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: 44.72 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

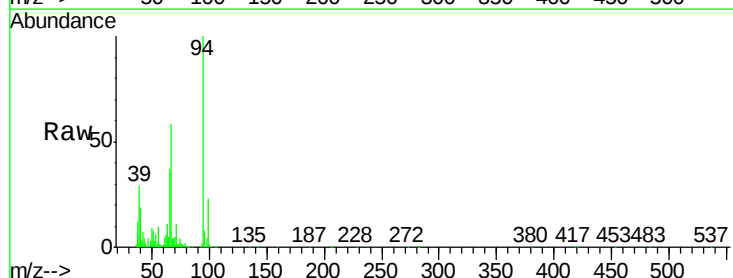
Tgt Ion: 94 Resp: 198585

Ion Ratio Lower Upper

94 100

65 37.5 20.6 60.6

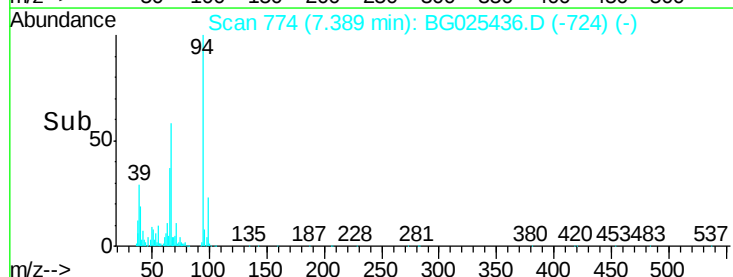
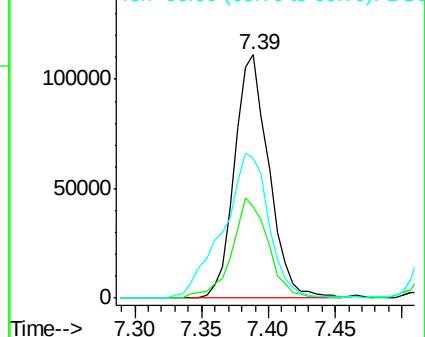
66 57.7 35.5 75.5

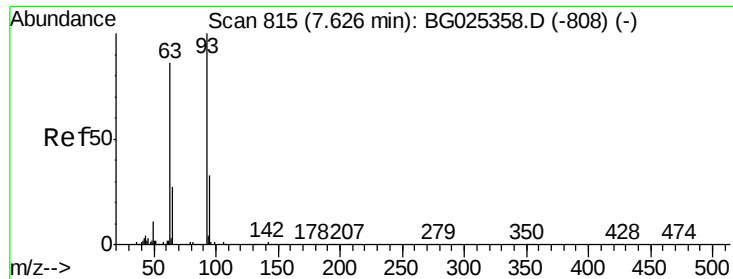


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

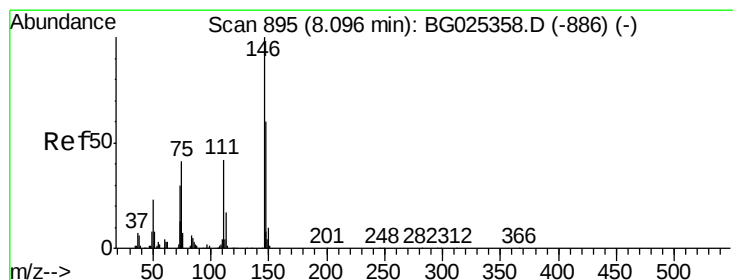
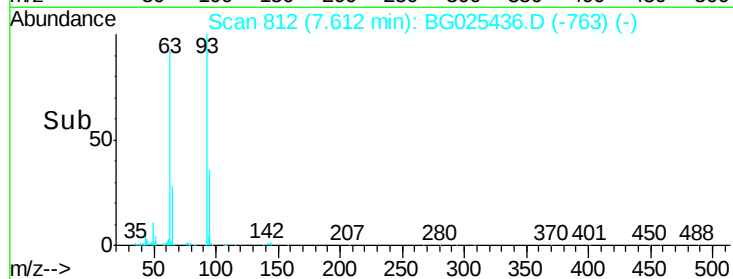
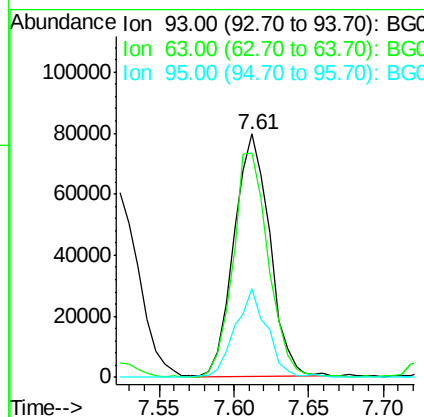
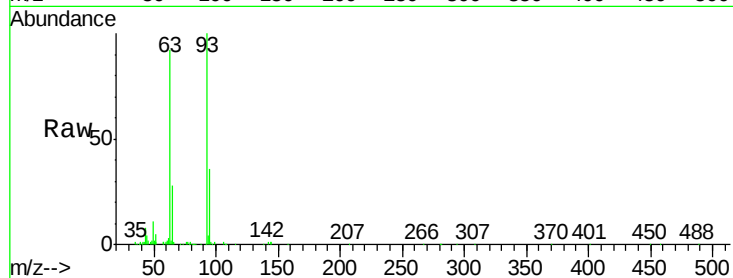




#11
bis(2-Chloroethyl)ether
Concen: 38.58 ng
RT: 7.61 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

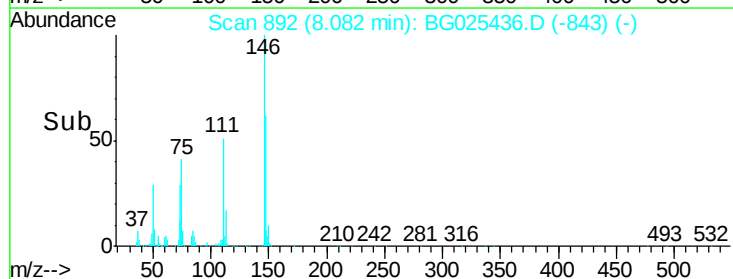
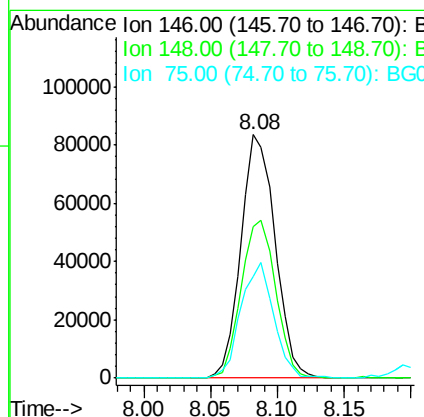
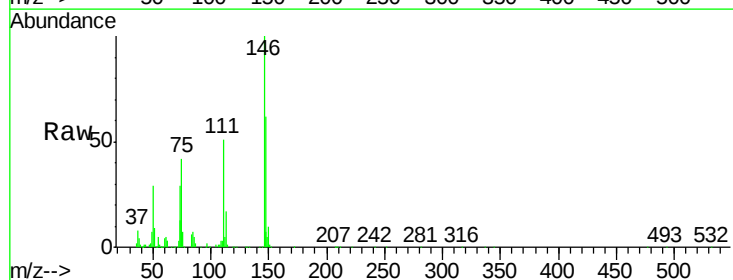
Instrument :
BNA_G
ClientSampleId :
PB95829BS

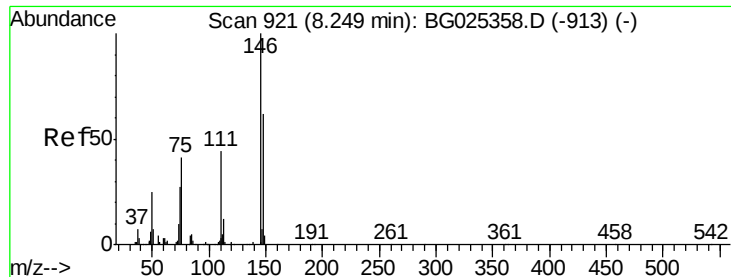
Tgt Ion: 93 Resp: 132011
Ion Ratio Lower Upper
93 100
63 92.3 78.5 118.5
95 36.3 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 38.20 ng
RT: 8.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion: 146 Resp: 148317
Ion Ratio Lower Upper
146 100
148 62.1 49.2 73.8
75 41.6 33.4 50.2

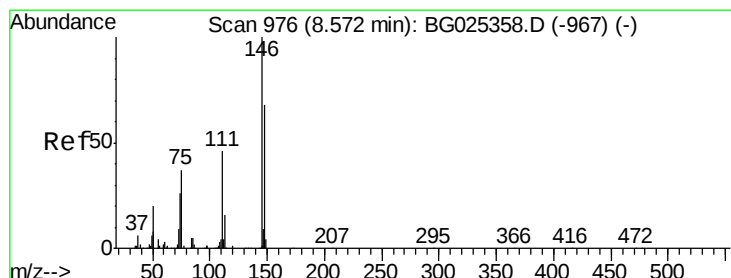
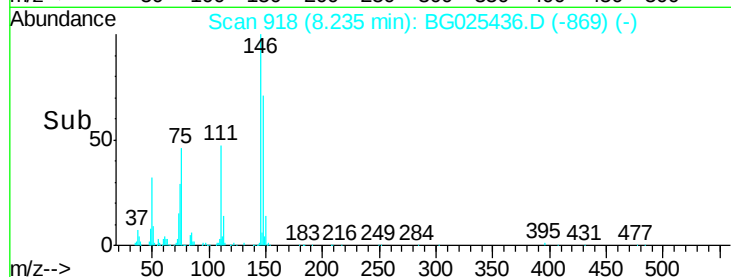
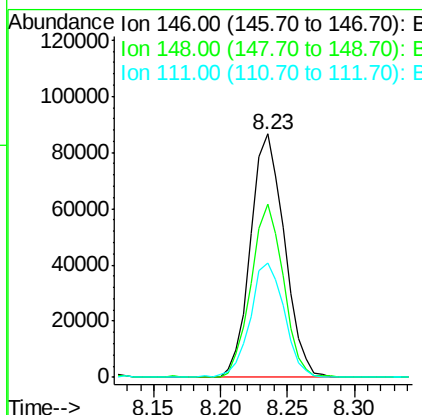
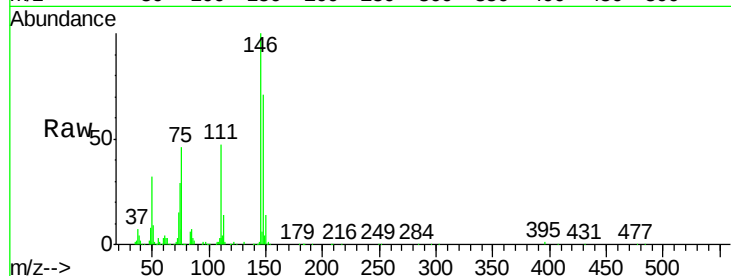




#13
 1,4-Dichlorobenzene
 Concen: 37.68 ng
 RT: 8.23 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

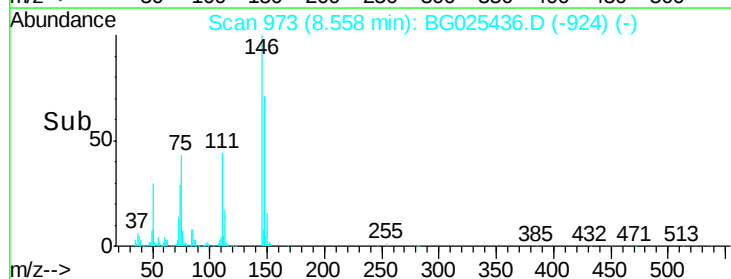
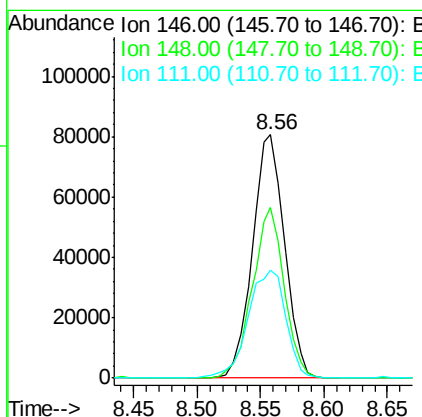
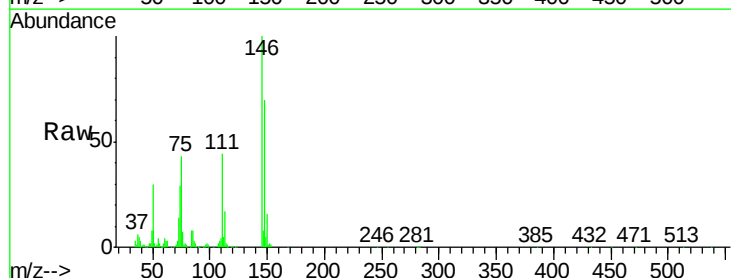
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

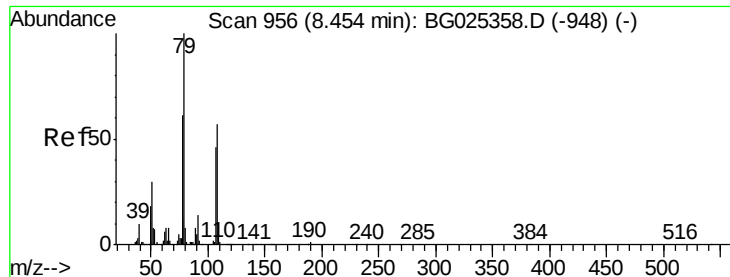
Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.4	52.2	78.2
111	47.2	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 37.04 ng
 RT: 8.56 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.0	54.6	81.8
111	44.5	39.7	59.5





#15

Benzyl Alcohol

Concen: 42.64 ng

RT: 8.45 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

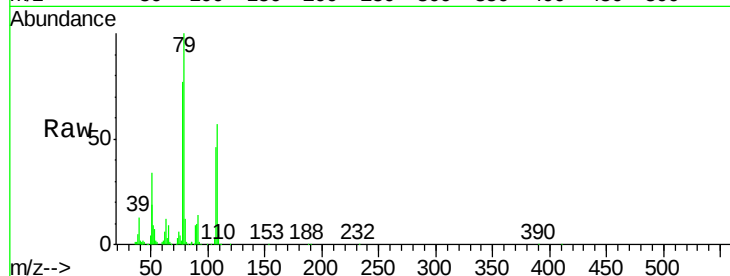
Tgt Ion: 79 Resp: 163048

Ion Ratio Lower Upper

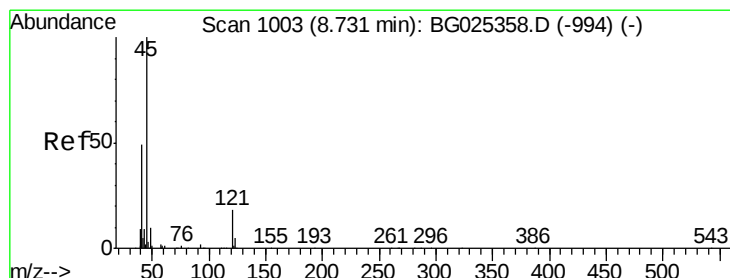
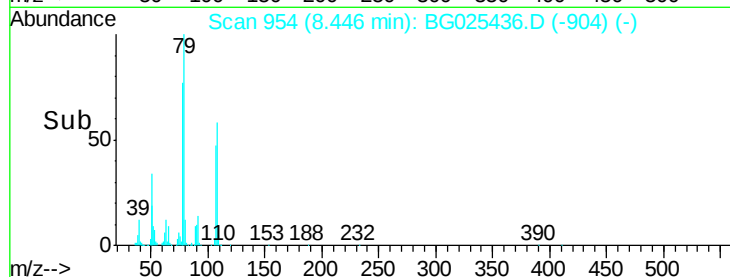
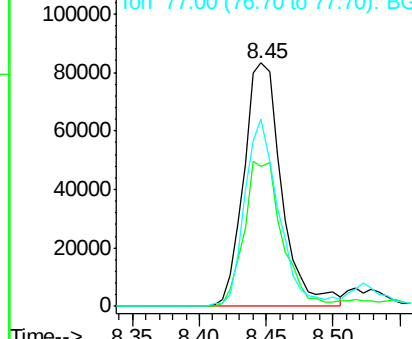
79 100

108 57.4 45.5 68.3

77 76.9 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.86 ng

RT: 8.72 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

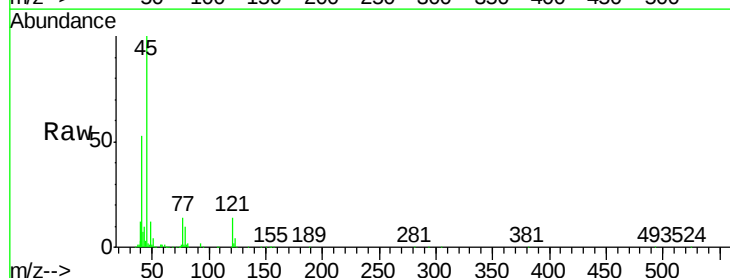
Tgt Ion: 45 Resp: 252599

Ion Ratio Lower Upper

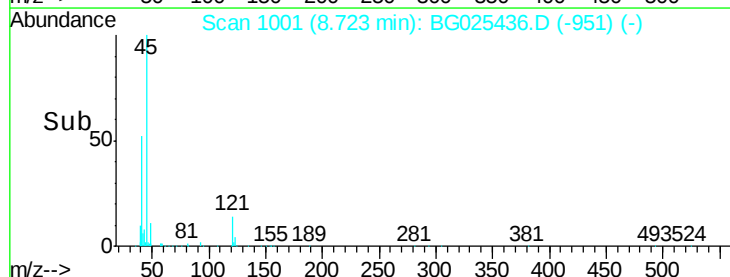
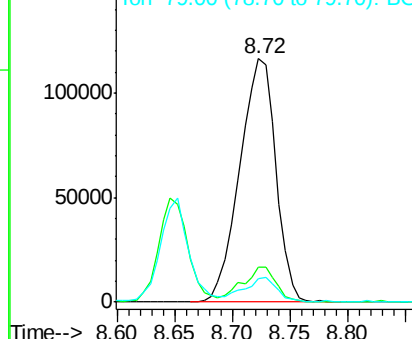
45 100

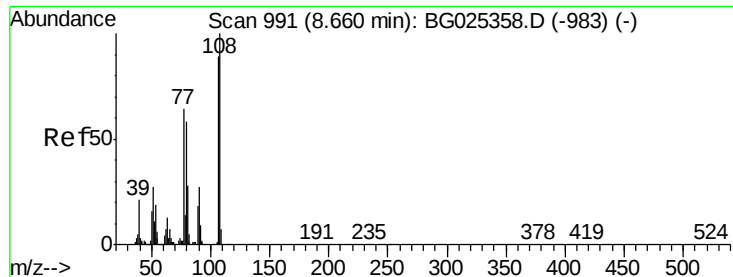
77 14.2 0.0 30.6

79 9.9 0.0 28.5



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

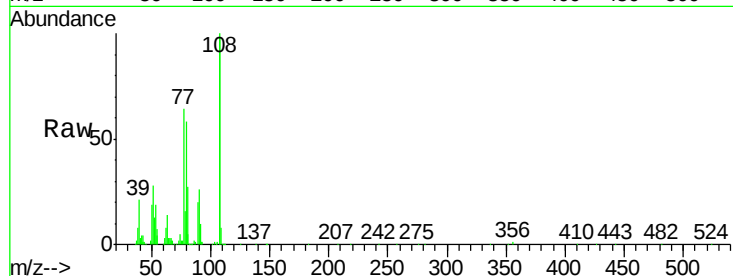




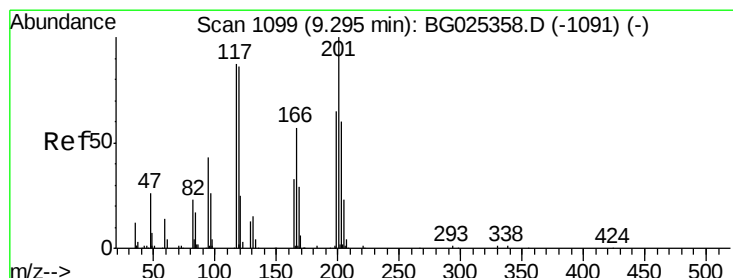
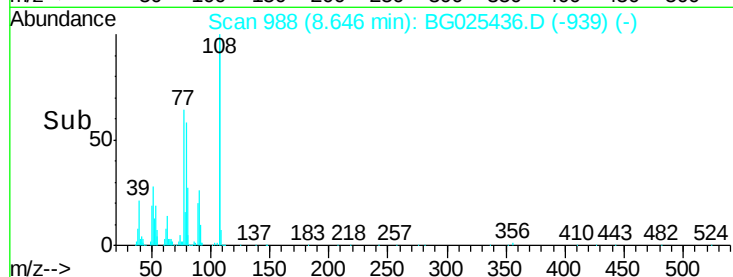
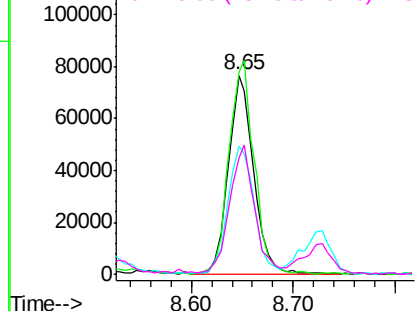
#17
2-Methylphenol
Concen: 45.41 ng
RT: 8.65 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Instrument :
BNA_G
ClientSampleId :
PB95829BS

Tgt Ion:107 Resp: 132423
Ion Ratio Lower Upper
107 100
108 101.7 85.6 128.4
77 64.6 51.4 77.2
79 58.9 49.2 73.8

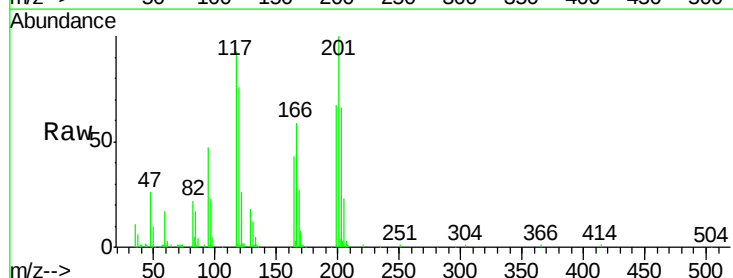


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

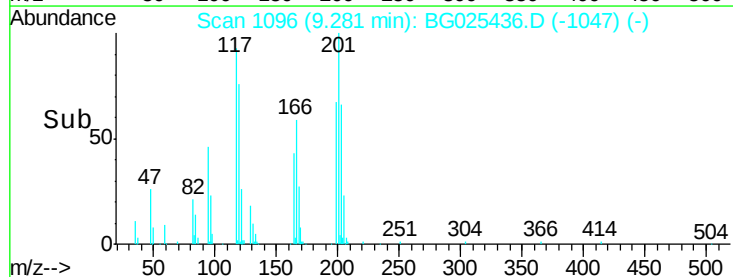
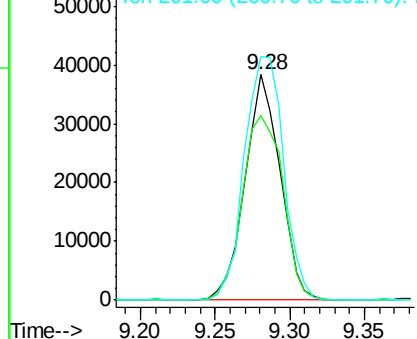


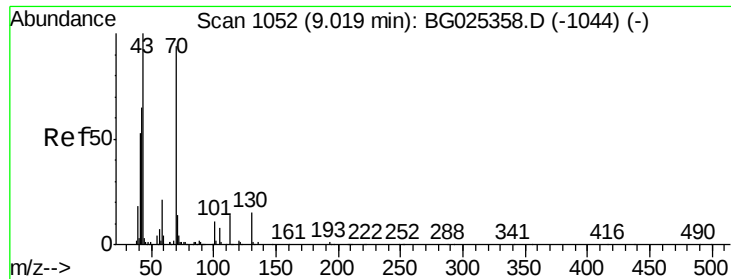
#18
Hexachloroethane
Concen: 40.22 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion:117 Resp: 62163
Ion Ratio Lower Upper
117 100
119 81.9 69.8 104.6
201 108.1 95.4 143.0



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

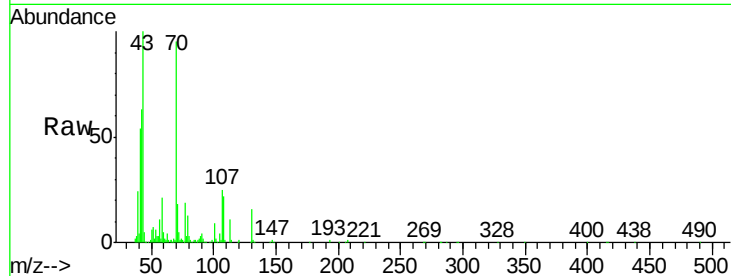




#19
n-Nitroso-di-n-propylamine
Concen: 40.65 ng
RT: 9.00 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Instrument :
BNA_G
ClientSampleId :
PB95829BS

Tgt Ion:	70	Resp:	137547
Ion	Ratio	Lower	Upper
70	100		
42	66.1	56.1	84.1
101	9.3	7.5	11.3
130	17.4	14.6	21.8



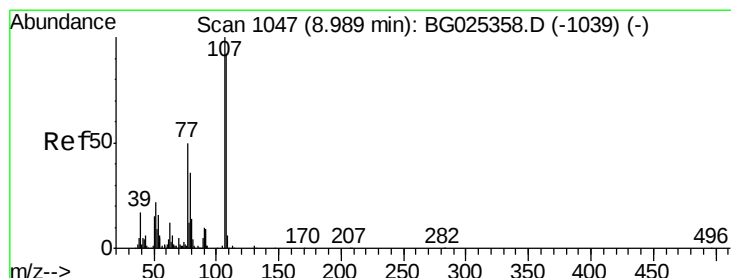
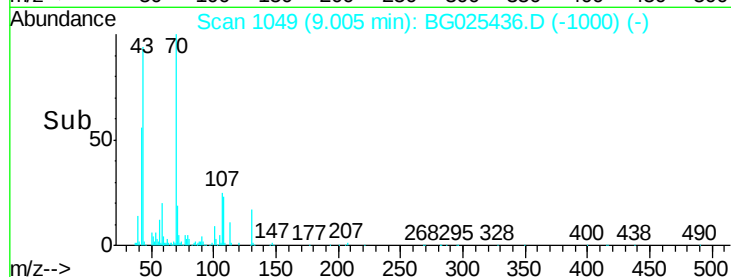
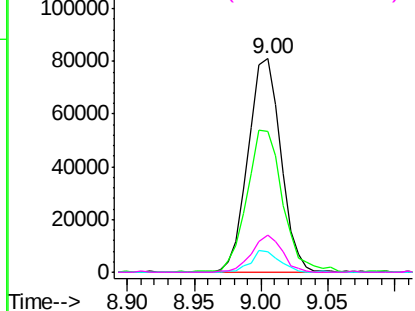
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

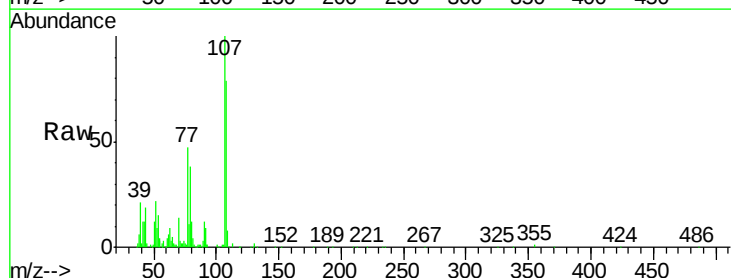
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.88 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion:	107	Resp:	177089
Ion	Ratio	Lower	Upper
107	100		
108	78.9	70.8	110.8
77	47.0	25.8	65.8
79	37.5	20.1	60.1



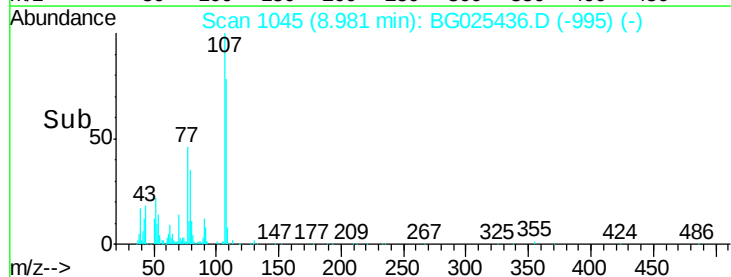
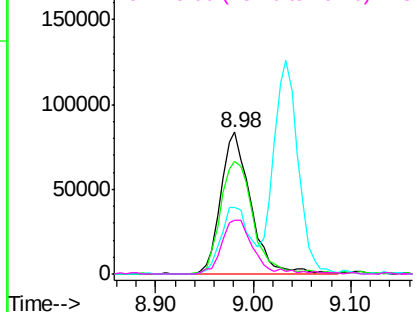
Abundance

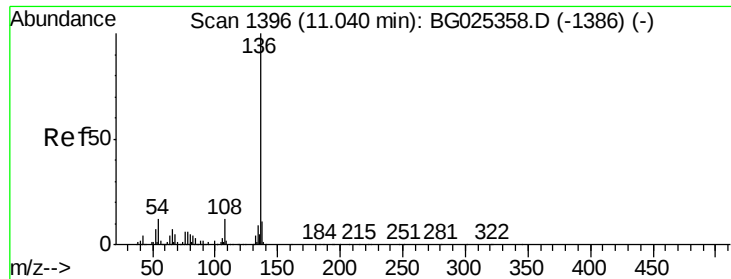
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

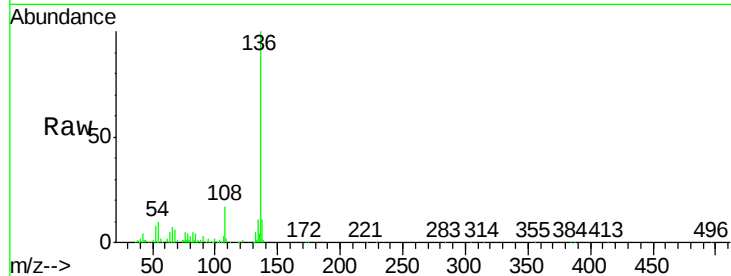




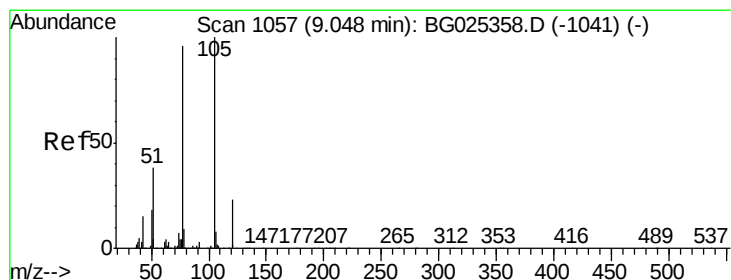
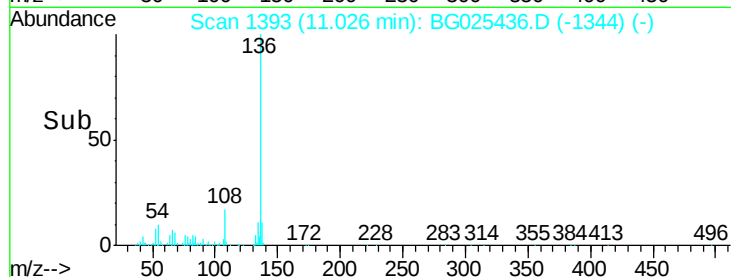
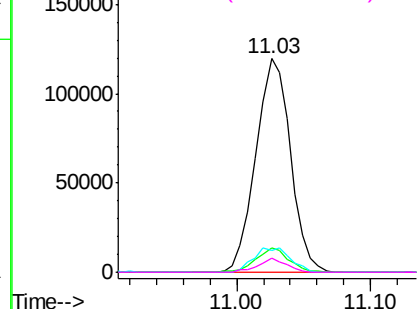
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Instrument :
BNA_G
ClientSampleId :
PB95829BS

Tgt Ion:	136	Resp:	213817
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.3	9.3	13.9
68	6.4	5.1	7.7

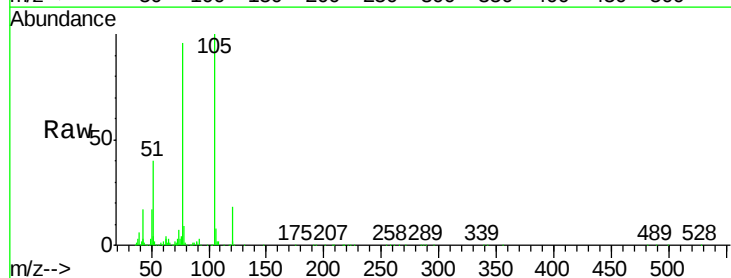


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

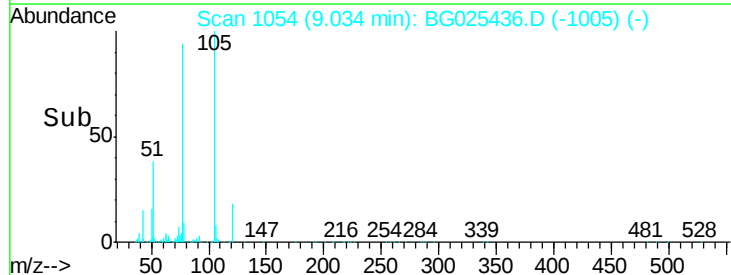
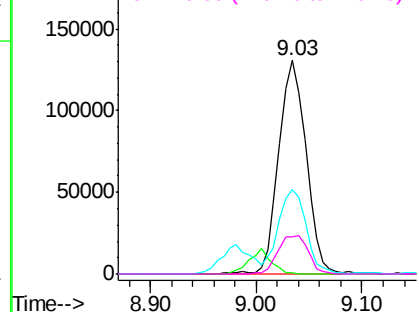


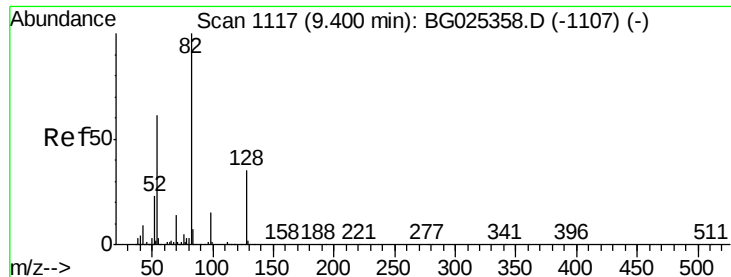
#22
Acetophenone
Concen: 39.39 ng
RT: 9.03 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion:	105	Resp:	234007
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.9	1.3#
51	39.6	34.0	51.0
120	17.6	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

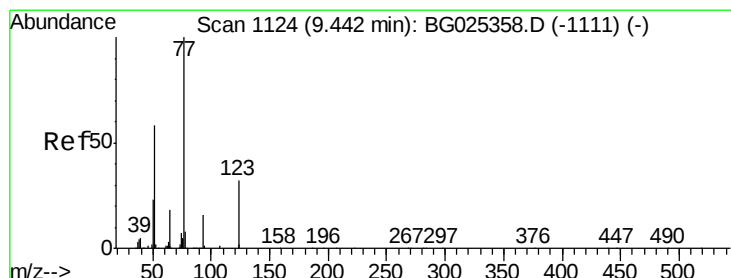
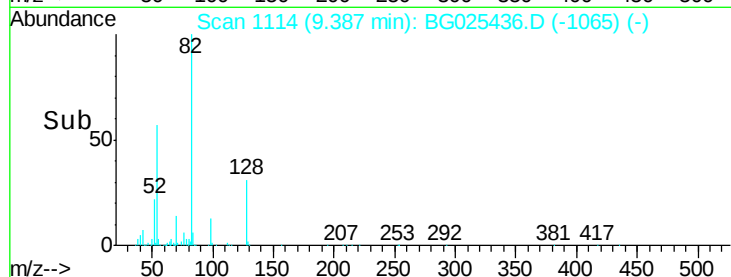
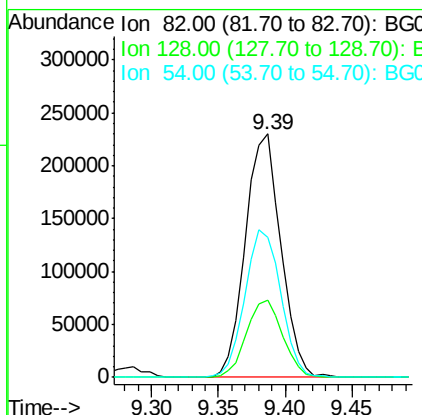
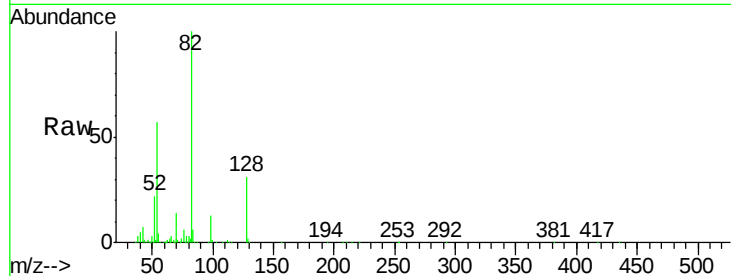




#23
 Nitrobenzene-d5
 Concen: 87.41 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

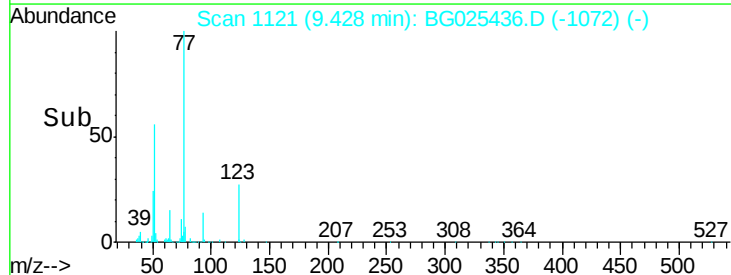
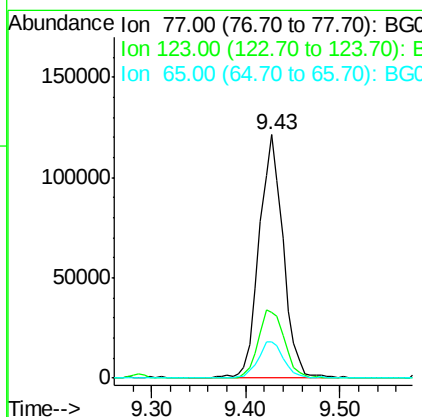
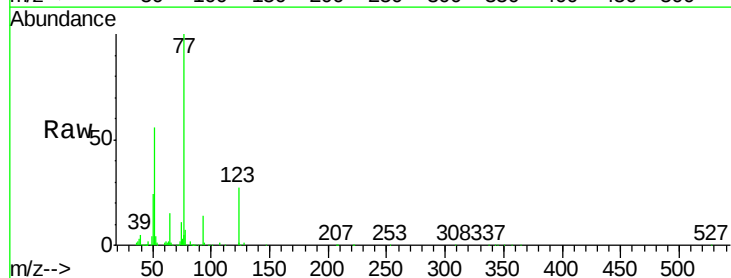
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

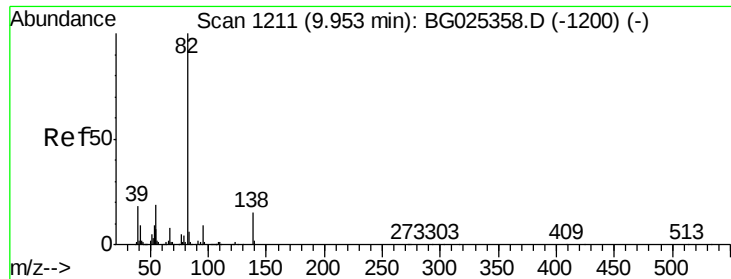
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.4	39.6
54	57.5	49.4	74.2



#24
 Nitrobenzene
 Concen: 40.57 ng
 RT: 9.43 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	27.0	26.1	39.1
65	15.1	12.4	18.6





#25

Isophorone

Concen: 43.94 ng

RT: 9.94 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

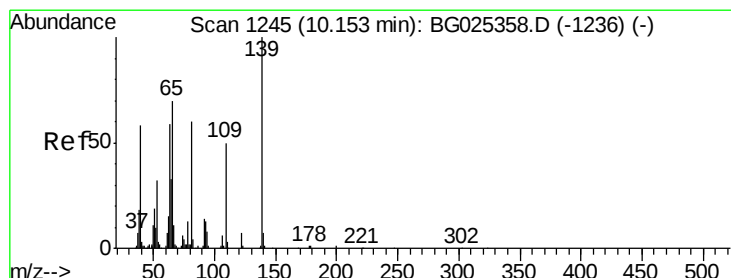
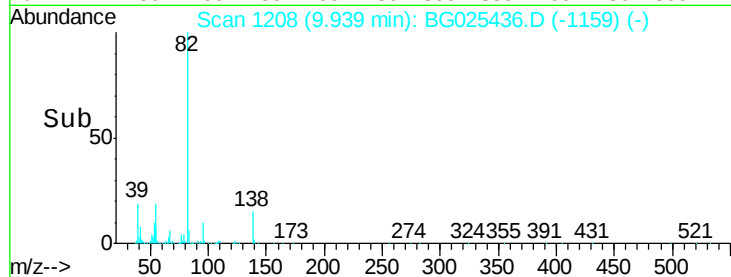
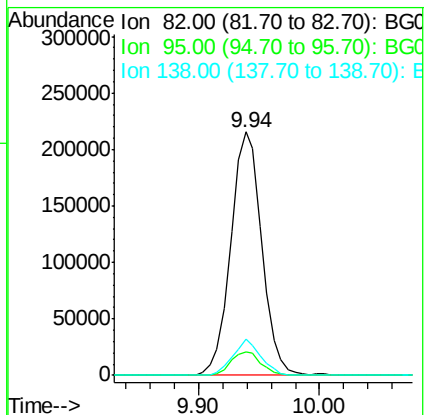
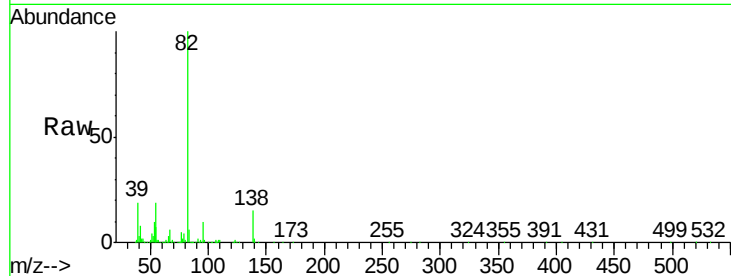
Tgt Ion: 82 Resp: 385049

Ion Ratio Lower Upper

82 100

95 9.7 7.5 11.3

138 14.7 12.3 18.5



#26

2-Nitrophenol

Concen: 40.93 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

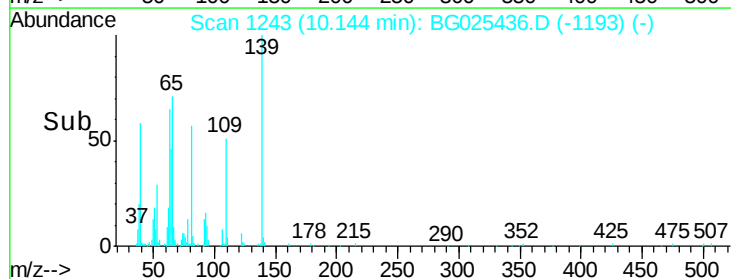
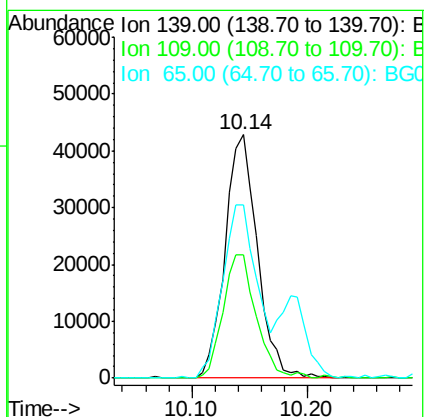
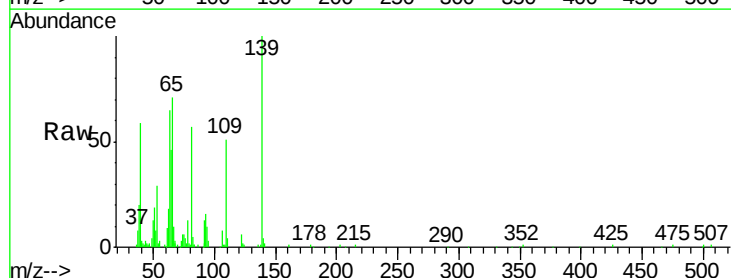
Tgt Ion: 139 Resp: 83108

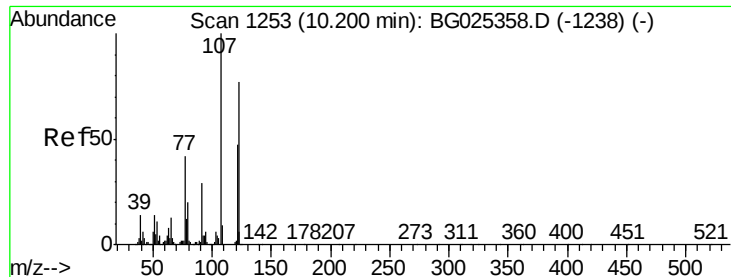
Ion Ratio Lower Upper

139 100

109 50.7 38.6 58.0

65 71.0 57.1 85.7

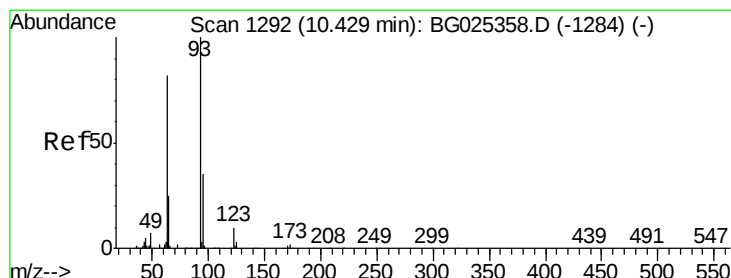
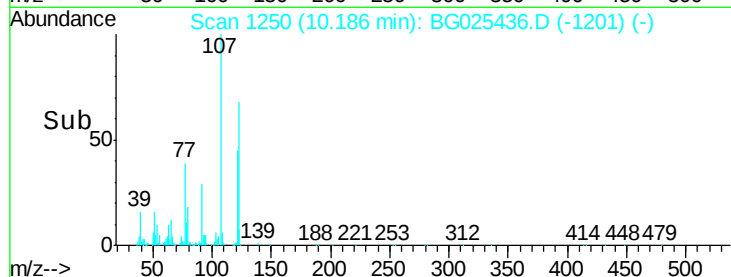
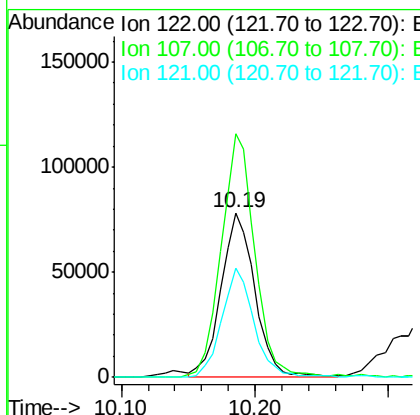
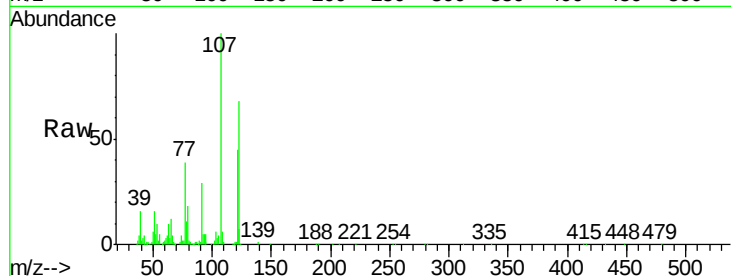




#27
 2,4-Dimethylphenol
 Concen: 41.29 ng
 RT: 10.19 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

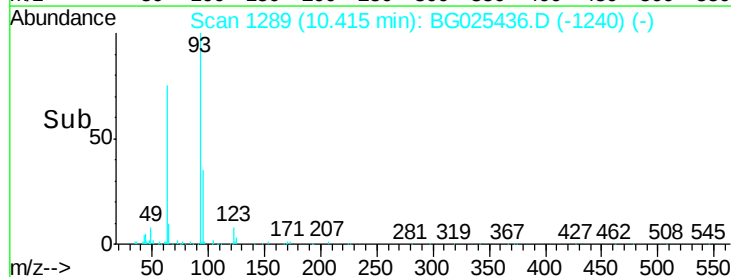
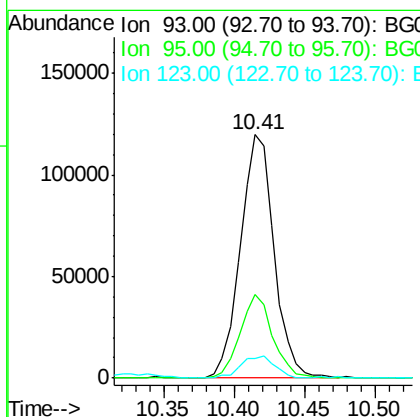
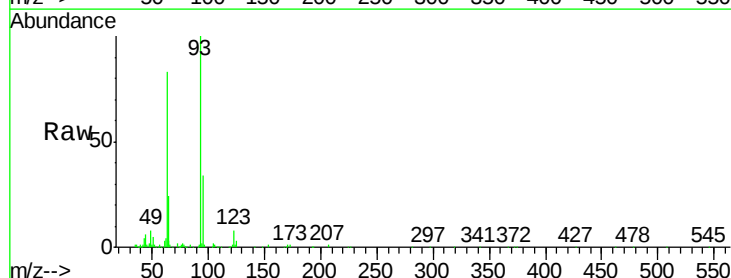
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

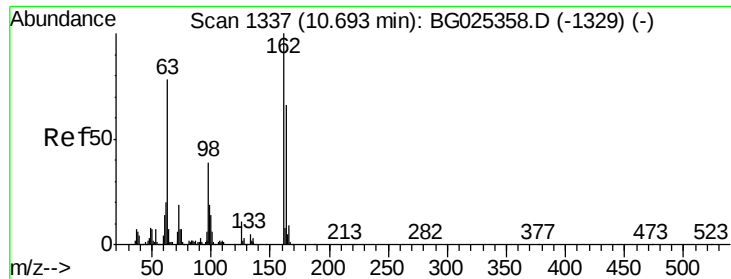
Tgt Ion	Ratio	Lower	Upper
122	100		
107	148.0	104.2	156.4
121	66.2	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.99 ng
 RT: 10.41 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.7	38.5
123	8.3	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 45.82 ng

RT: 10.69 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

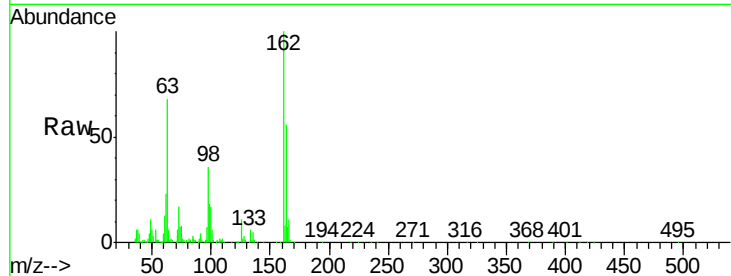
Tgt Ion:162 Resp: 163686

Ion Ratio Lower Upper

162 100

164 56.4 42.4 82.4

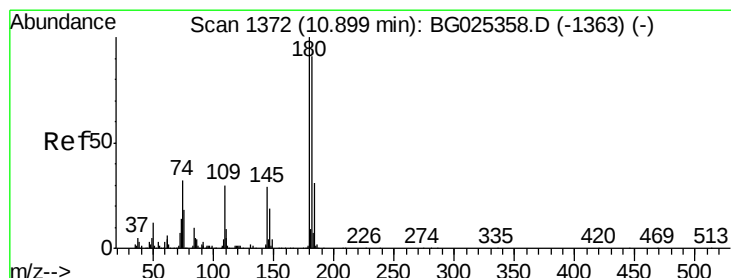
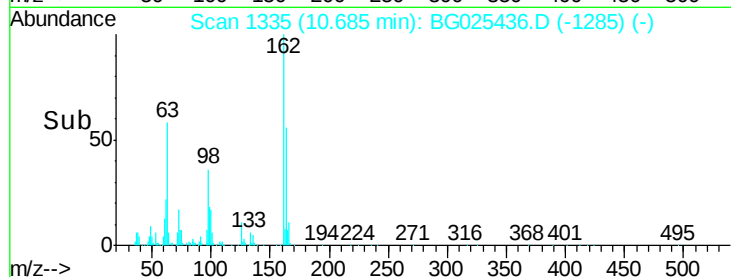
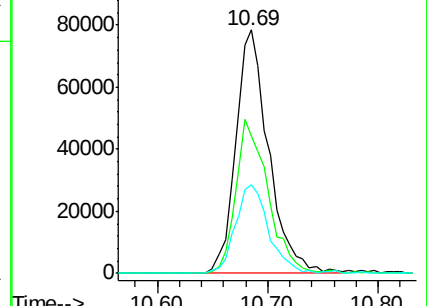
98 36.5 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.05 ng

RT: 10.88 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

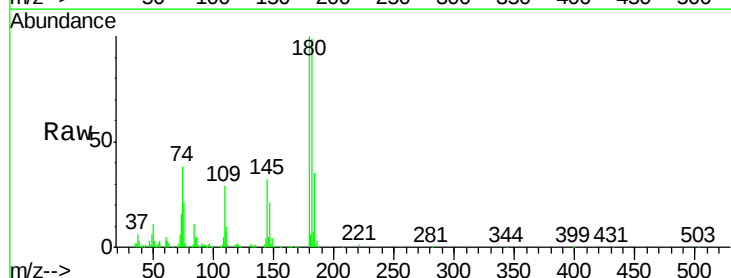
Tgt Ion:180 Resp: 172827

Ion Ratio Lower Upper

180 100

182 99.3 77.0 115.4

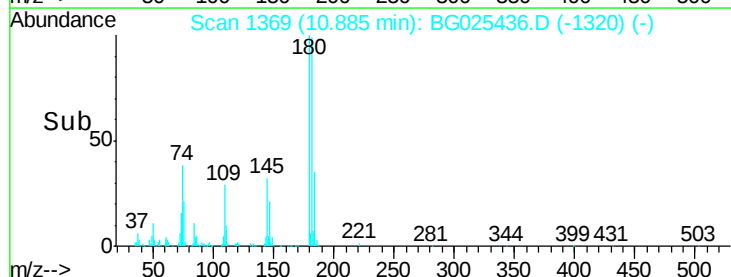
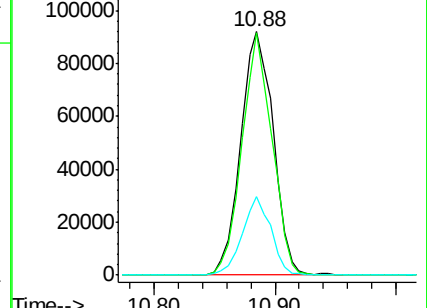
145 32.0 23.4 35.0

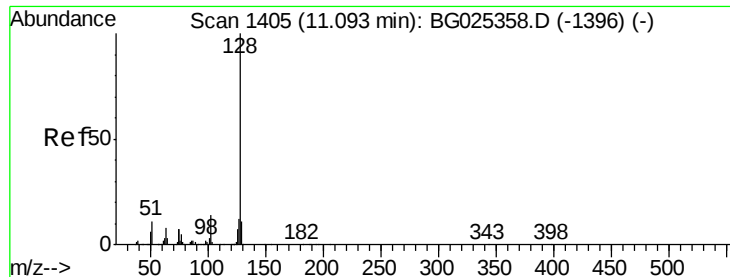


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

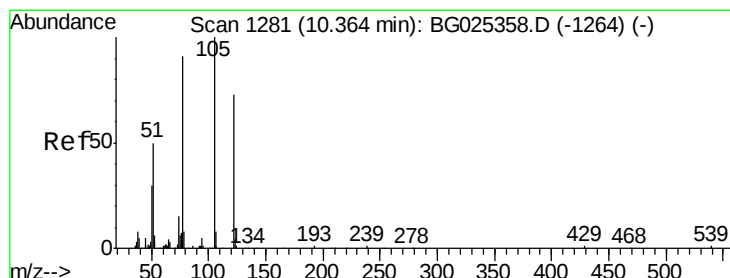
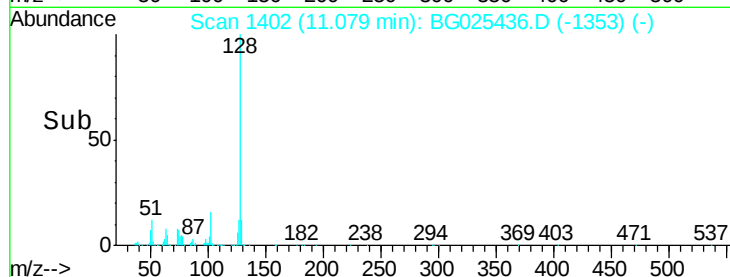
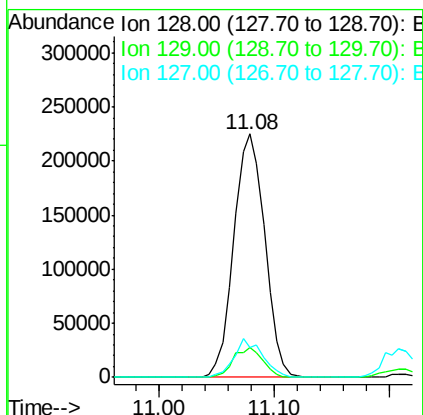
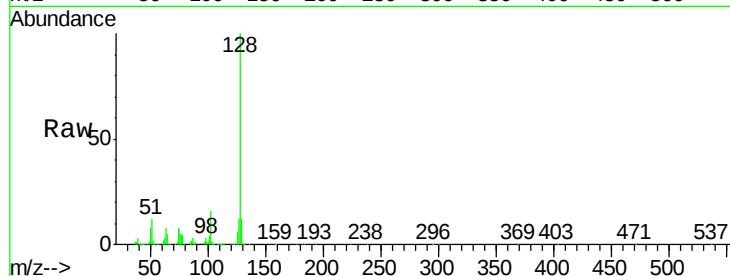




#31
Naphthalene
Concen: 39.14 ng
RT: 11.08 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

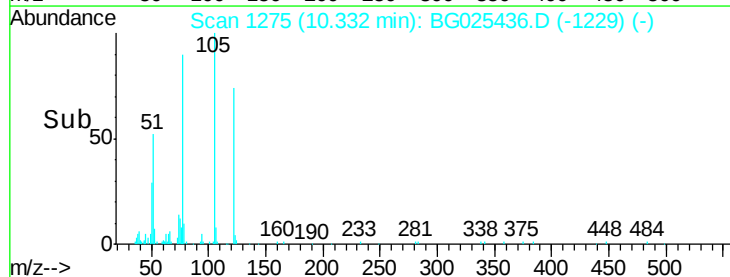
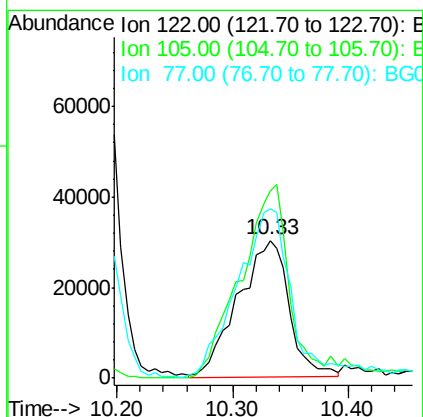
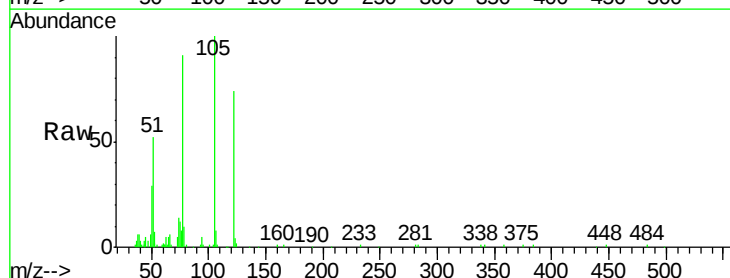
Instrument :
BNA_G
ClientSampleId :
PB95829BS

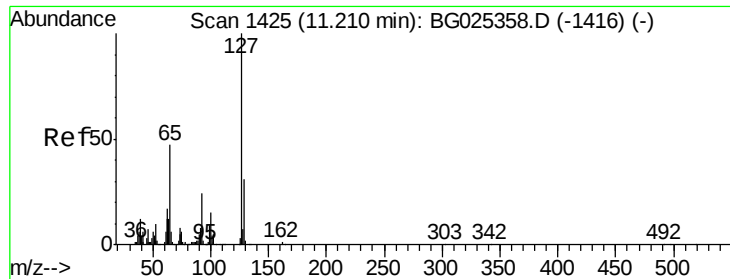
Tgt Ion:128 Resp: 417962
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 12.4 11.4 17.0



#32
Benzoic acid
Concen: 34.65 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion:122 Resp: 93015
Ion Ratio Lower Upper
122 100
105 135.5 120.1 160.1
77 122.9 104.6 144.6

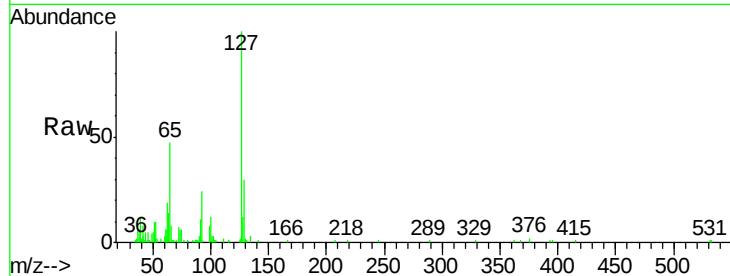




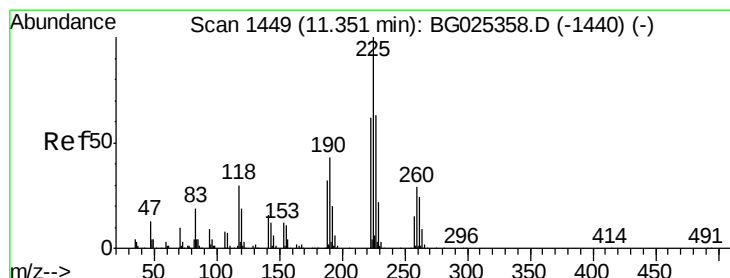
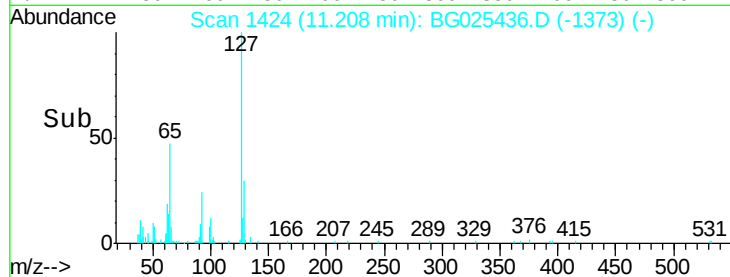
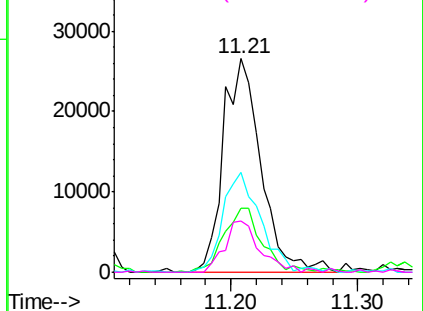
#33
4-Chloroaniline
Concen: 12.21 ng
RT: 11.21 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Instrument :
BNA_G
ClientSampleId :
PB95829BS

Tgt Ion:	127	Resp:	54846
Ion	Ratio	Lower	Upper
127	100		
129	29.7	23.6	35.4
65	46.6	37.7	56.5
92	24.3	17.6	26.4

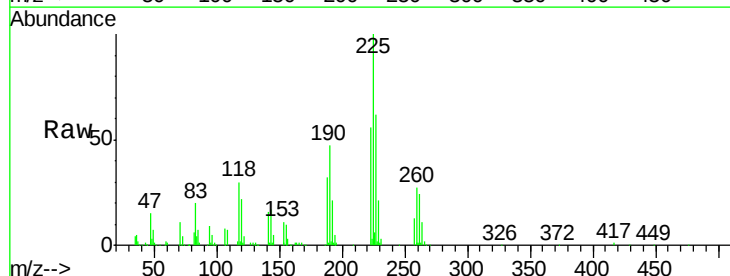


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

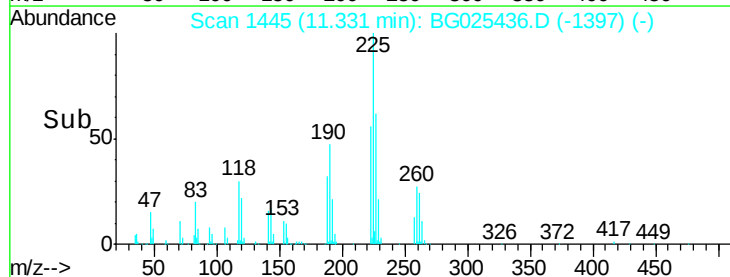
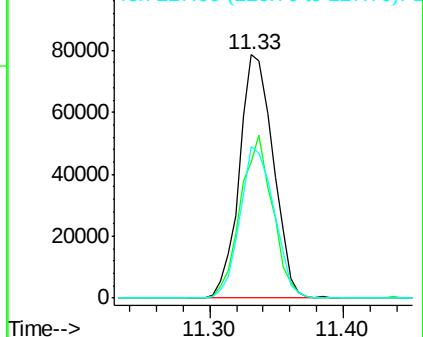


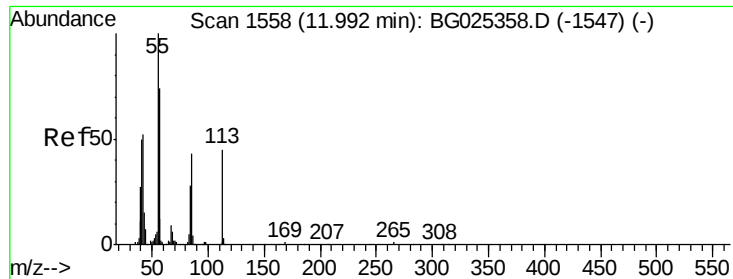
#34
Hexachlorobutadiene
Concen: 39.22 ng
RT: 11.33 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion:	225	Resp:	138167
Ion	Ratio	Lower	Upper
225	100		
223	55.8	50.7	76.1
227	62.1	49.0	73.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.59 ng

RT: 11.98 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

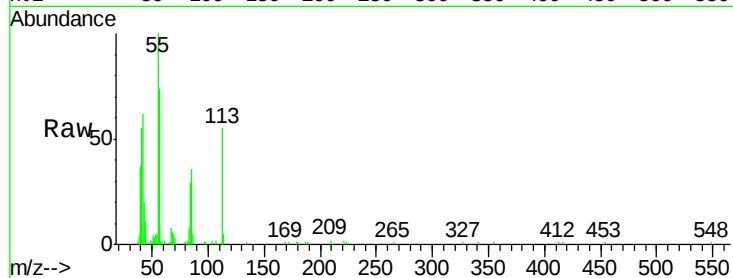
Tgt Ion:113 Resp: 37023

Ion Ratio Lower Upper

113 100

55 180.6 198.6 238.6#

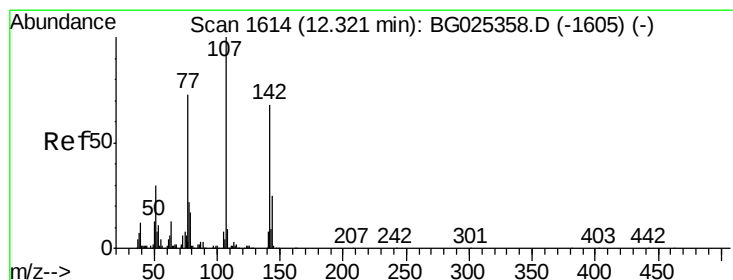
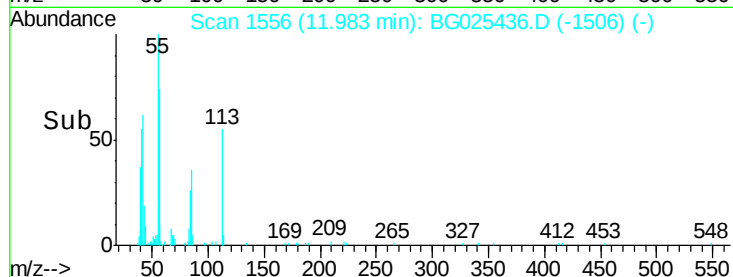
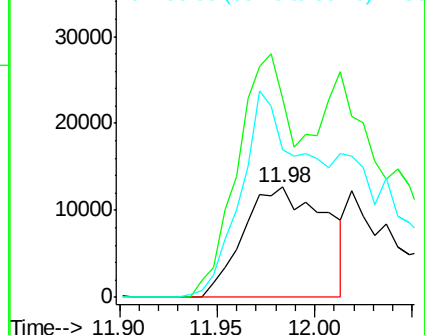
56 134.1 140.4 180.4#



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: 43.54 ng

RT: 12.31 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

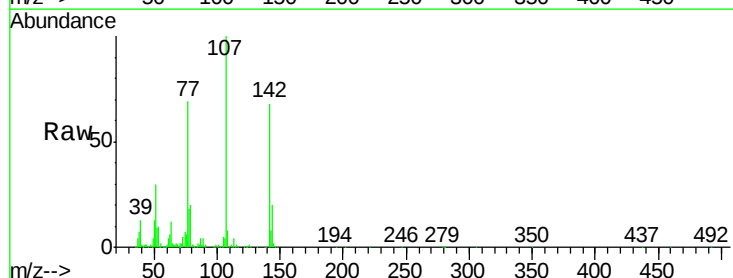
Tgt Ion:107 Resp: 191974

Ion Ratio Lower Upper

107 100

144 20.1 17.4 26.0

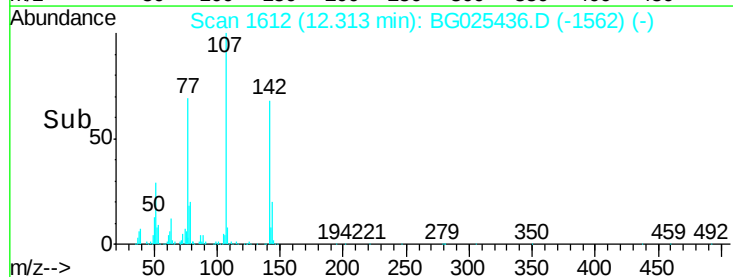
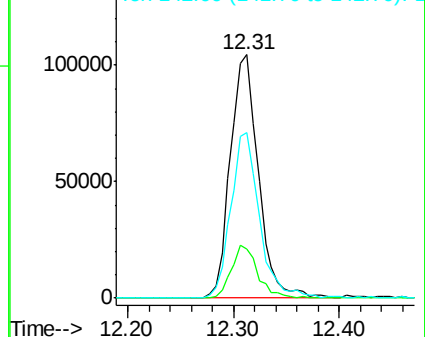
142 67.9 54.1 81.1

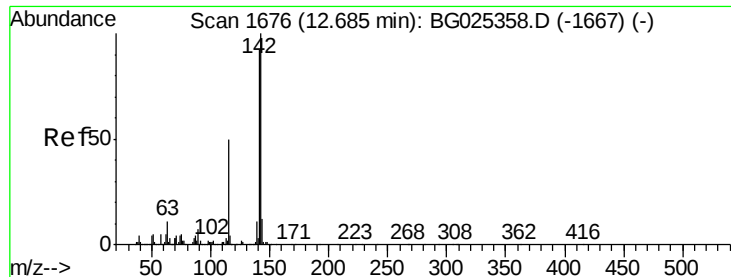


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

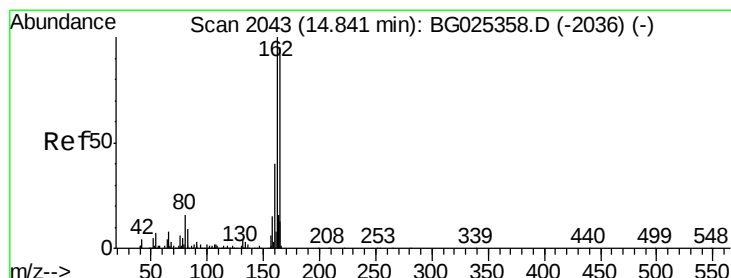
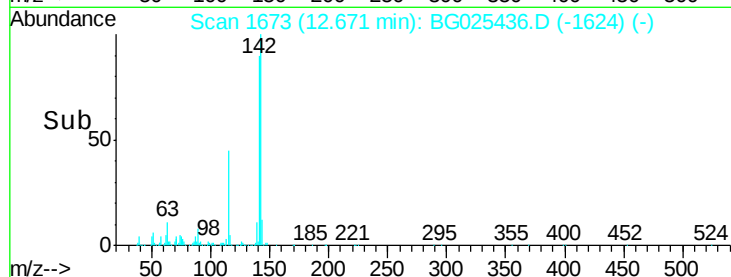
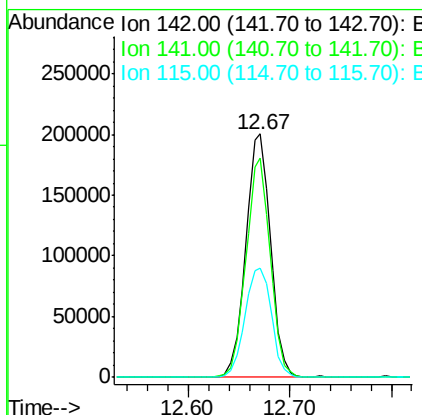
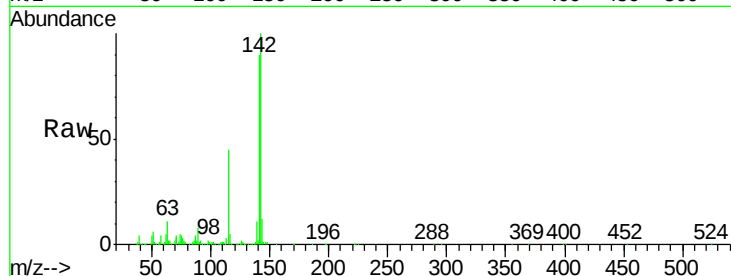




#37
 2-Methylnaphthalene
 Concen: 42.74 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

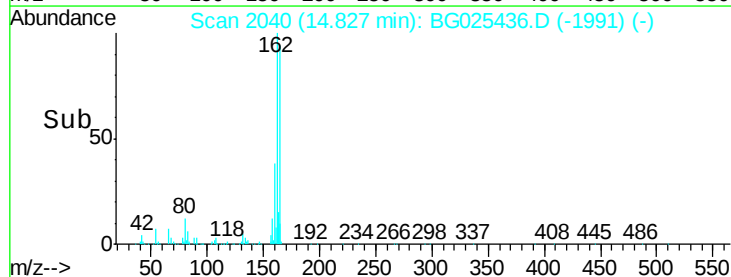
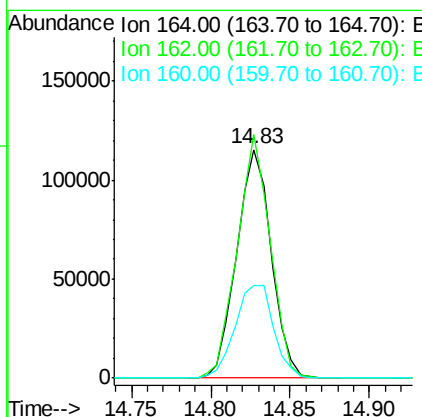
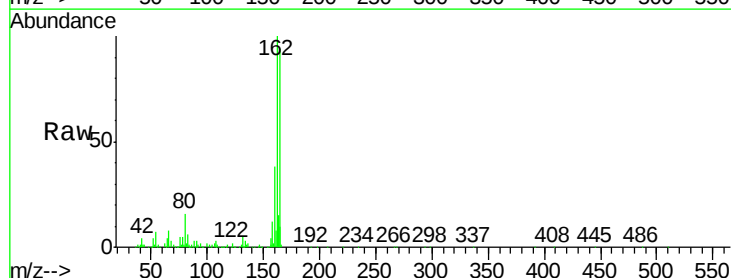
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

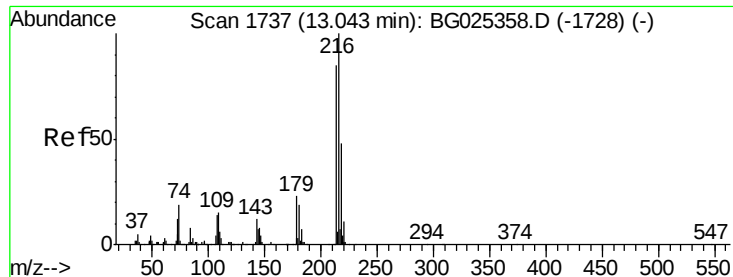
Tgt Ion:142 Resp: 338232
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.4 105.6
 115 45.1 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion:164 Resp: 174199
 Ion Ratio Lower Upper
 164 100
 162 106.5 85.1 127.7
 160 40.6 34.7 52.1

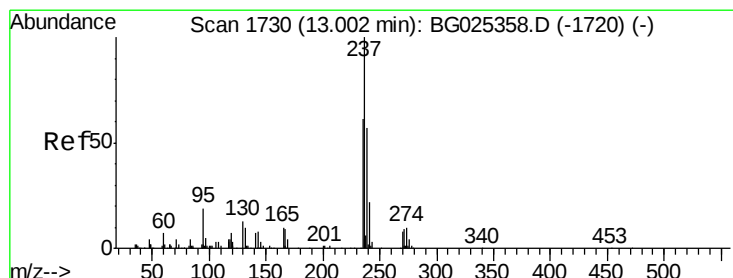
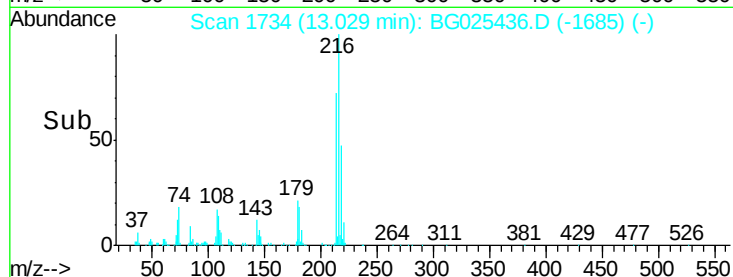
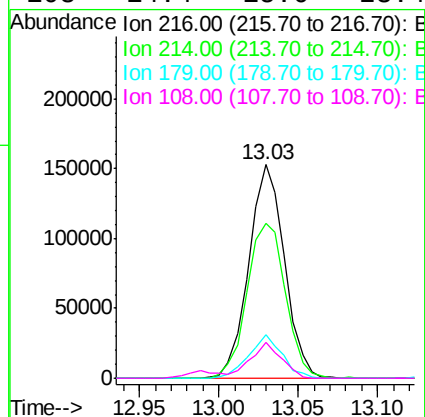
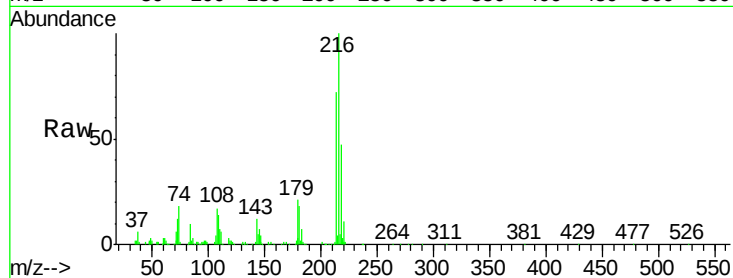




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.55 ng
 RT: 13.03 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

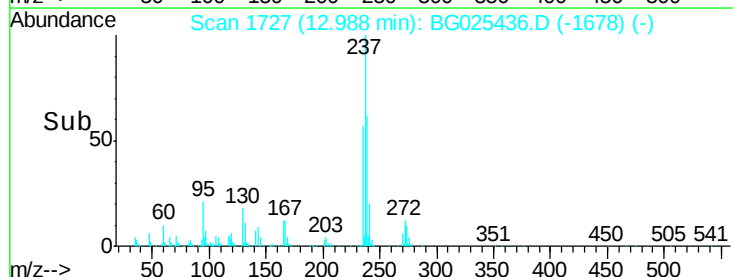
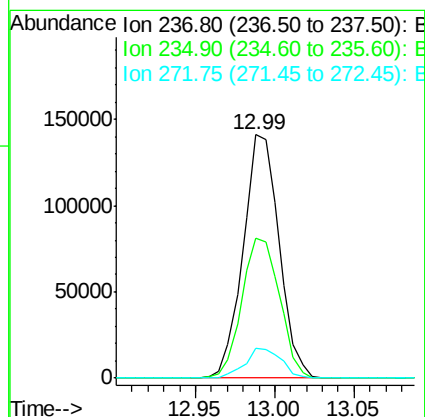
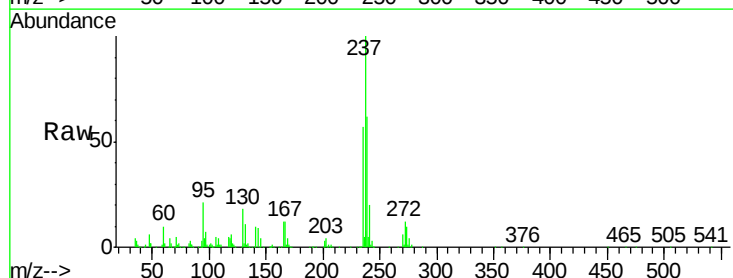
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

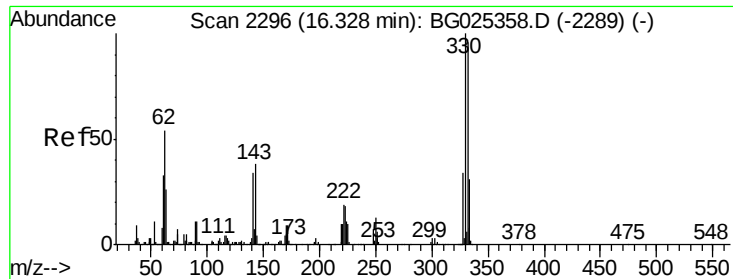
Tgt Ion:	216	Resp:	238951
Ion	Ratio	Lower	Upper
216	100		
214	78.2	64.4	96.6
179	19.0	17.4	26.0
108	14.4	15.6	23.4#



#40
 Hexachlorocyclopentadiene
 Concen: 103.06 ng
 RT: 12.99 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion:	237	Resp:	222260
Ion	Ratio	Lower	Upper
237	100		
235	57.4	39.4	79.4
272	12.2	0.0	32.0

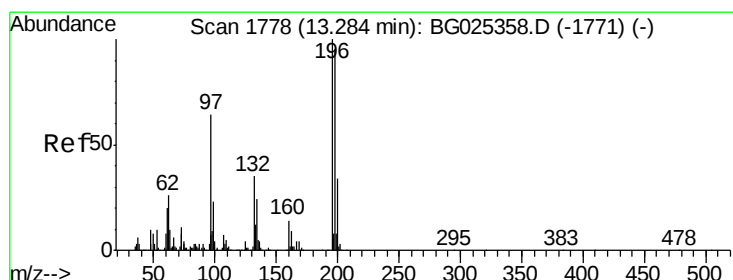
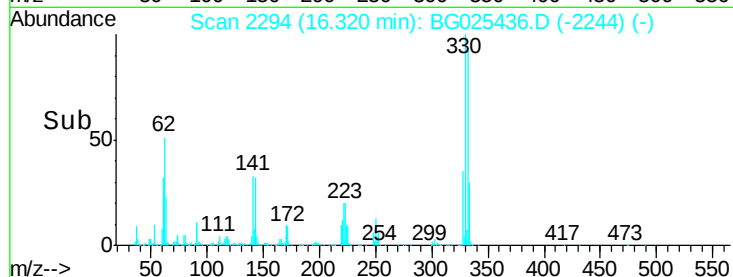
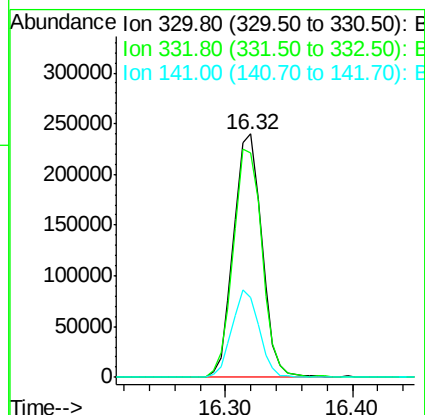
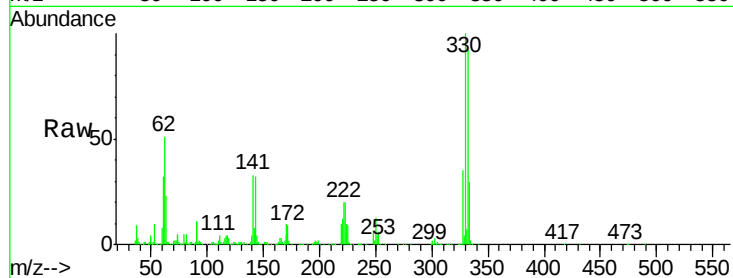




#41
 2,4,6-Tribromophenol
 Concen: 132.05 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

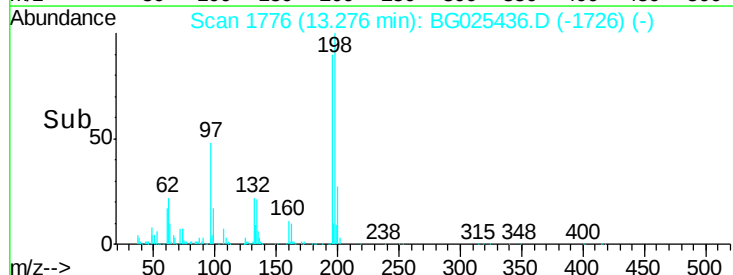
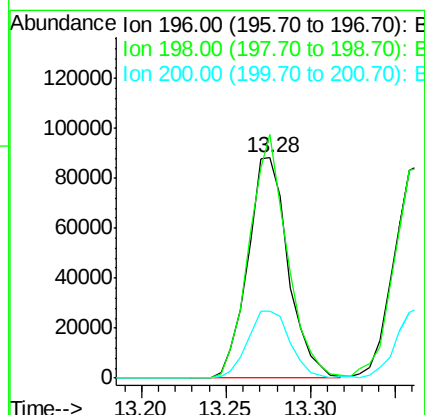
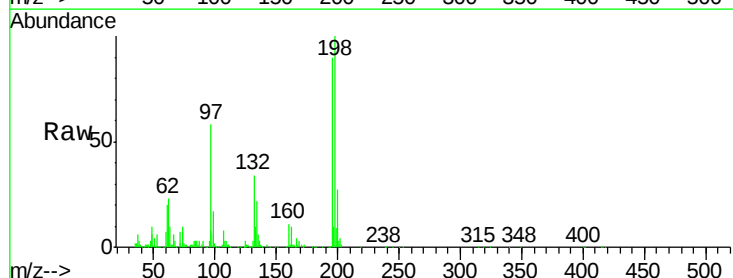
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

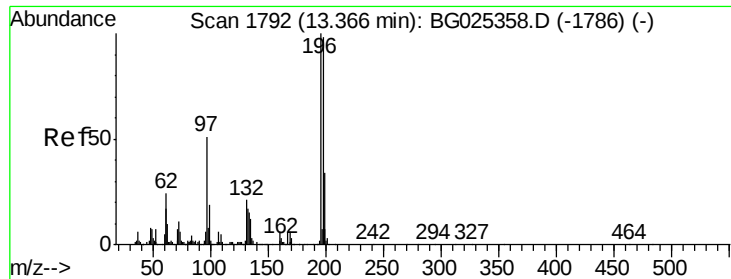
Tgt Ion:330 Resp: 370348
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 34.8 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 40.59 ng
 RT: 13.28 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion:196 Resp: 146977
 Ion Ratio Lower Upper
 196 100
 198 110.6 81.4 122.2
 200 30.3 27.0 40.6

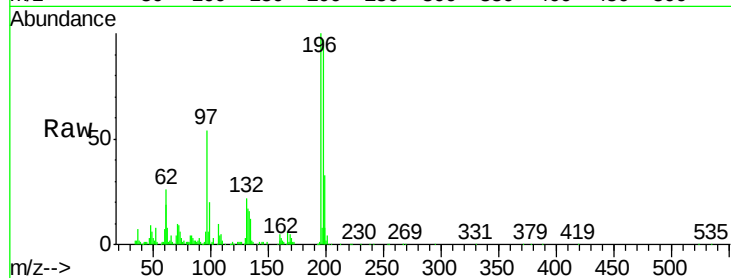




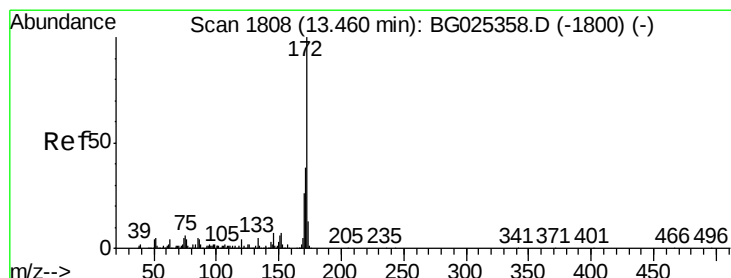
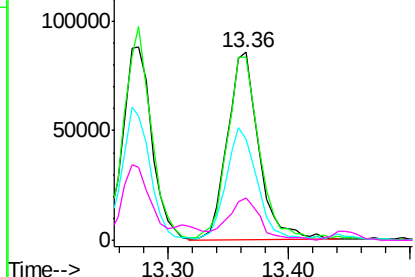
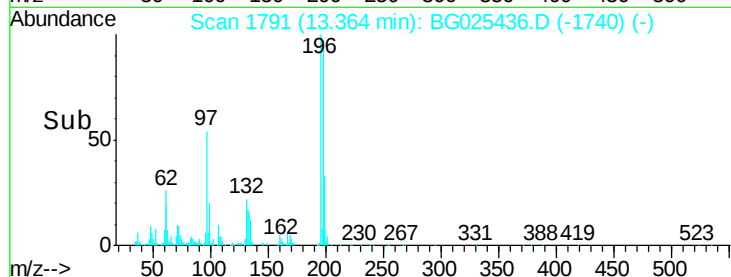
#43
 2,4,5-Trichlorophenol
 Concen: 40.63 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Instrument :
 BNA_G
 ClientSampleID :
 PB95829BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.9	119.9
97	54.0	45.4	68.0
132	22.3	20.7	31.1

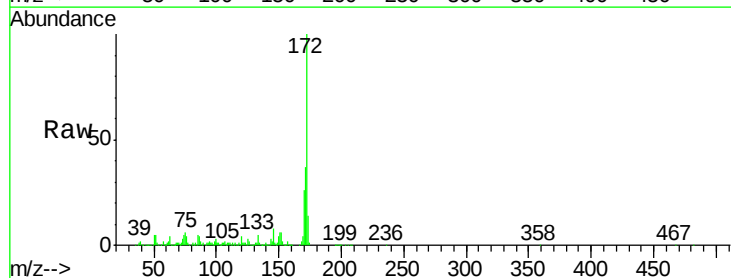


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

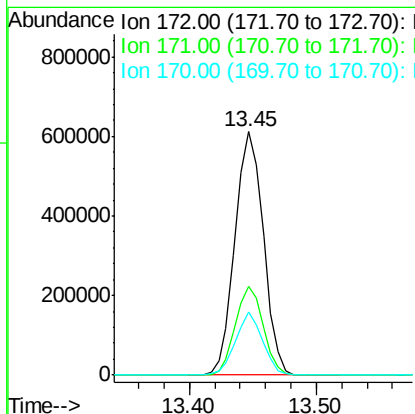
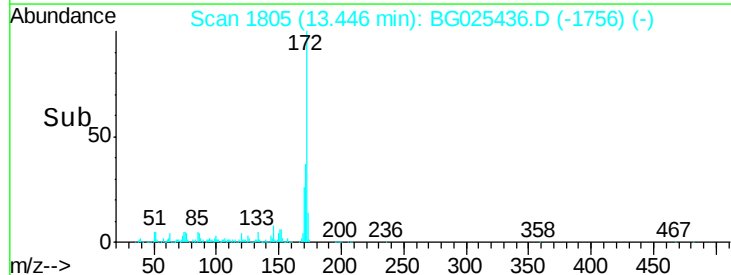


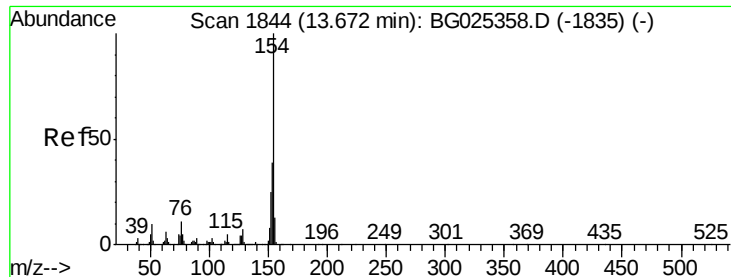
#44
 2-Fluorobiphenyl
 Concen: 88.08 ng
 RT: 13.45 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	25.9	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: 42.14 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

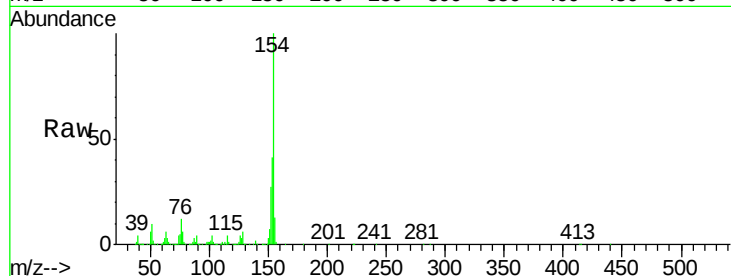
Tgt Ion:154 Resp: 493798

Ion Ratio Lower Upper

154 100

153 41.0 23.0 63.0

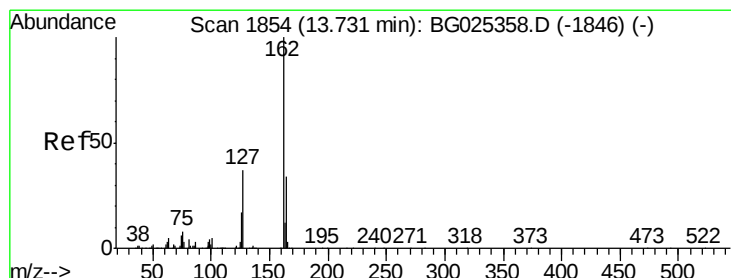
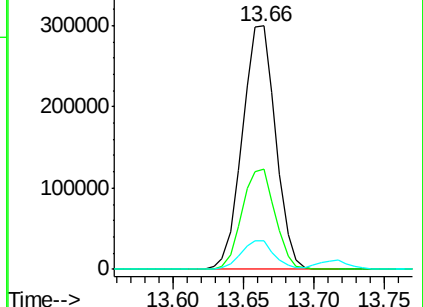
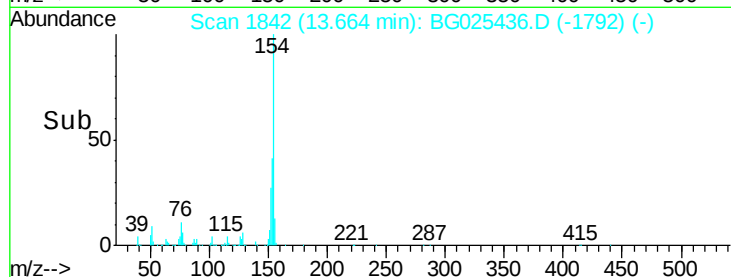
76 11.7 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.89 ng

RT: 13.71 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

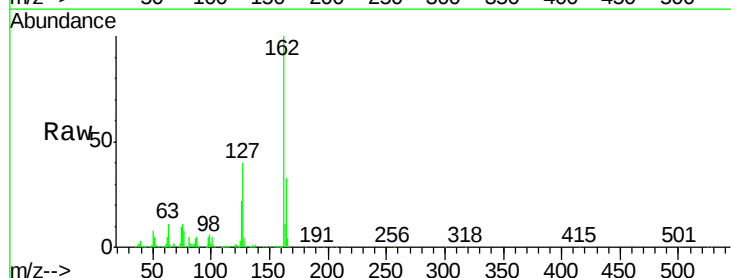
Tgt Ion:162 Resp: 374330

Ion Ratio Lower Upper

162 100

127 39.7 32.2 48.4

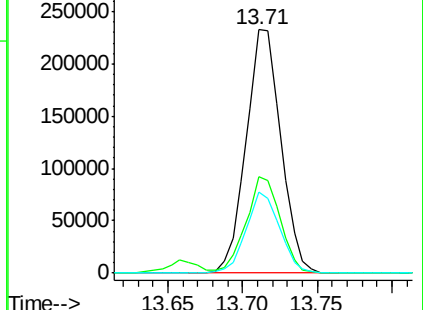
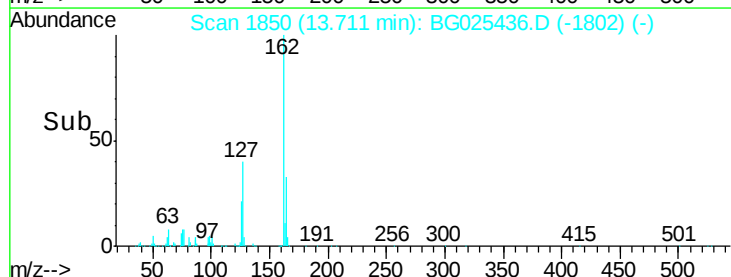
164 33.2 27.3 40.9

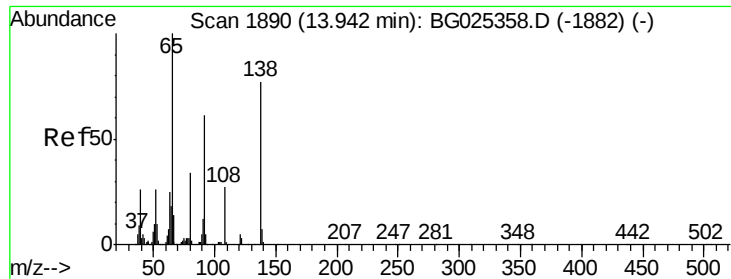


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

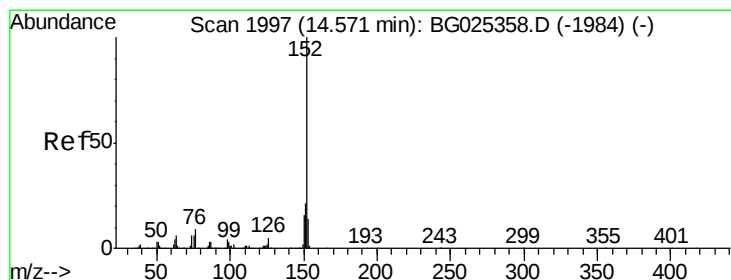
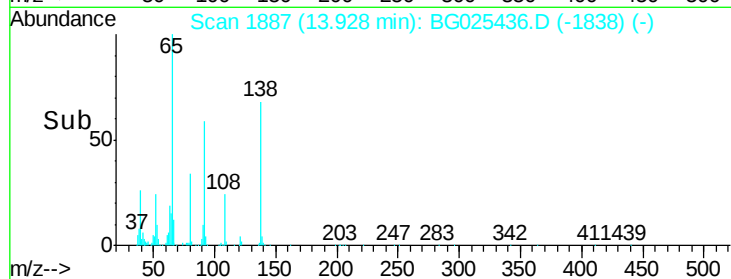
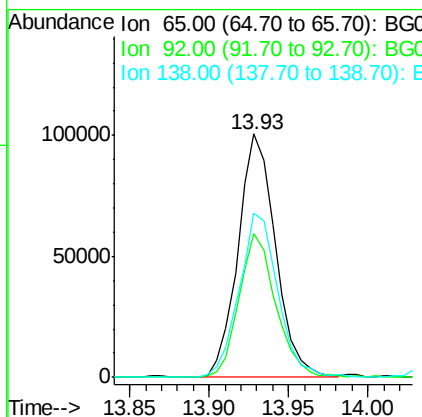
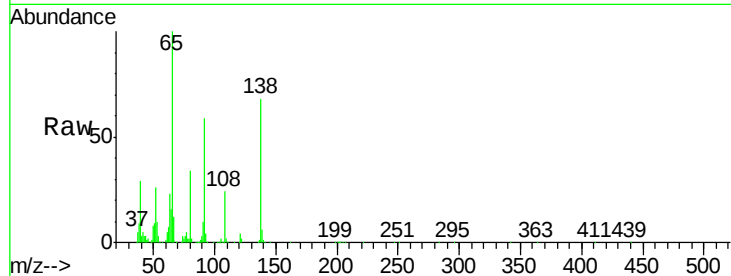




#47
2-Nitroaniline
Concen: 42.77 ng
RT: 13.93 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

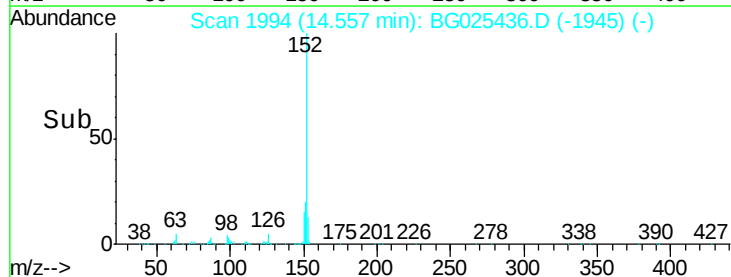
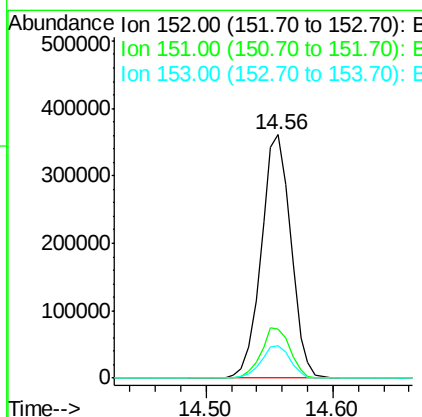
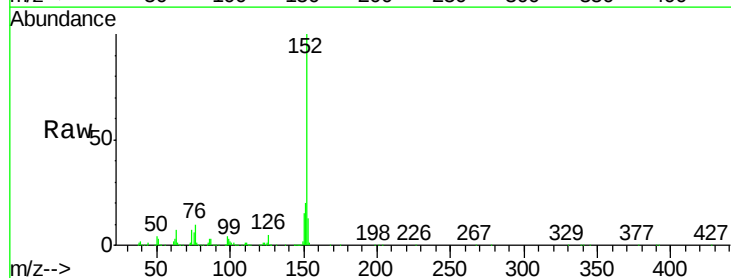
Instrument :
BNA_G
ClientSampleId :
PB95829BS

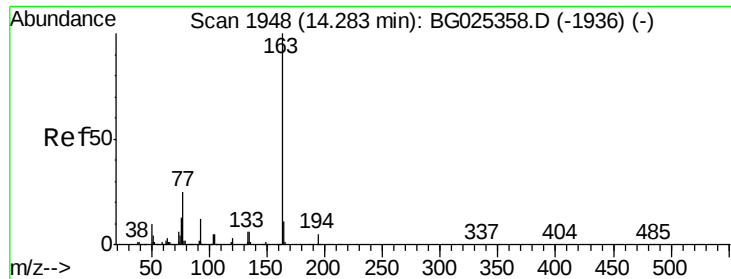
Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.9	49.0	73.4
138	67.6	58.6	87.8



#48
Acenaphthylene
Concen: 41.28 ng
RT: 14.56 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	18.2	27.2
153	13.2	11.3	16.9





#49

Dimethylphthalate

Concen: 43.09 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

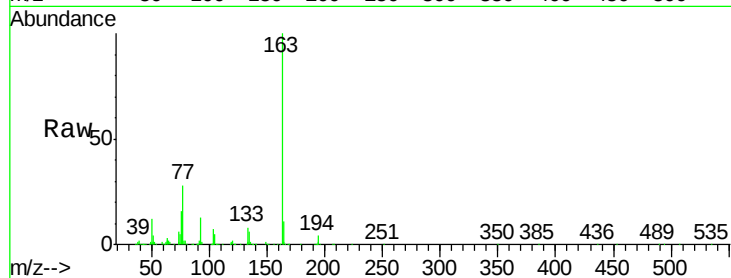
Tgt Ion:163 Resp: 547268

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

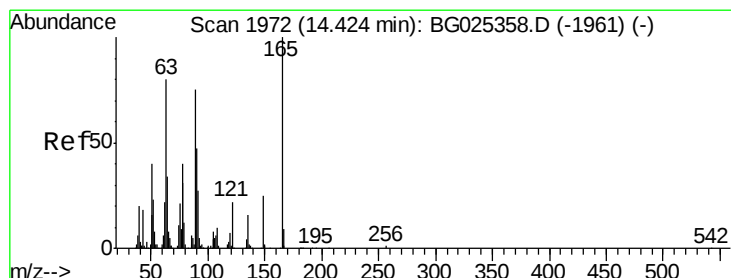
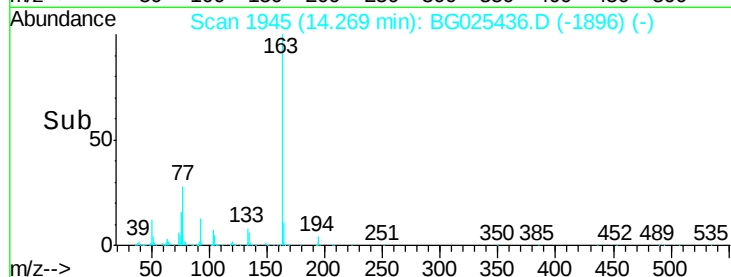
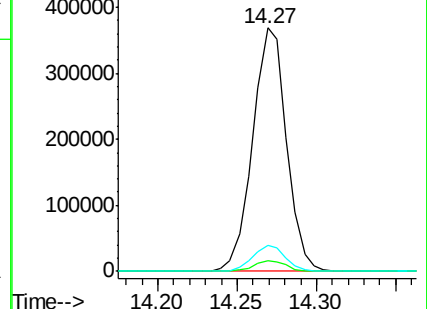
164 10.9 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.08 ng

RT: 14.41 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

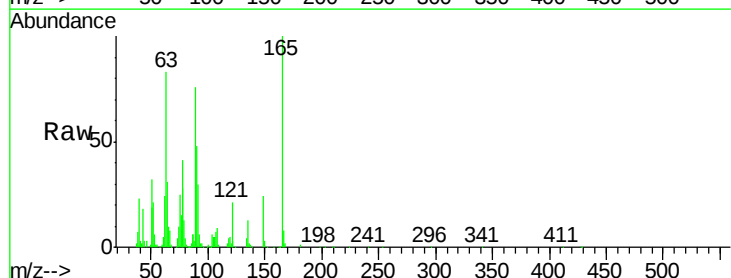
Tgt Ion:165 Resp: 119509

Ion Ratio Lower Upper

165 100

63 82.9 63.9 95.9

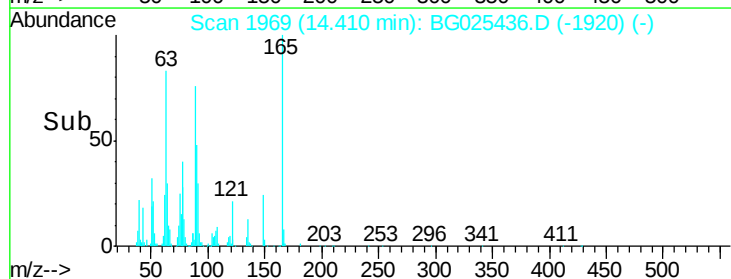
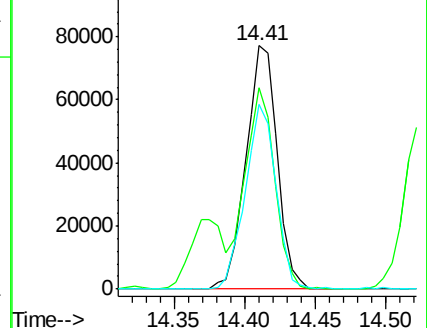
89 75.7 58.6 88.0

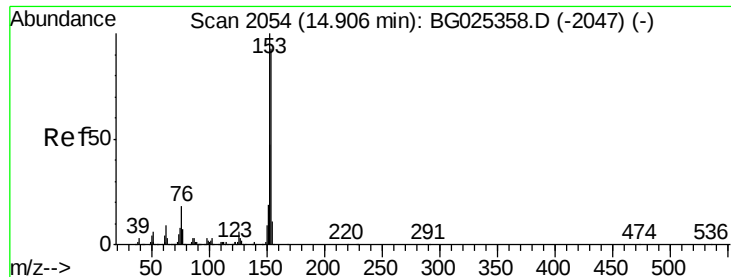


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.13 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

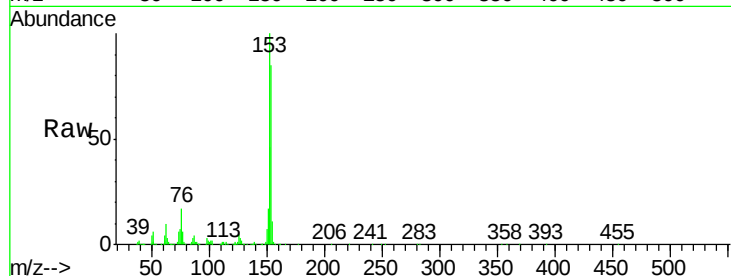
Tgt Ion:154 Resp: 372408

Ion Ratio Lower Upper

154 100

153 117.6 87.8 131.6

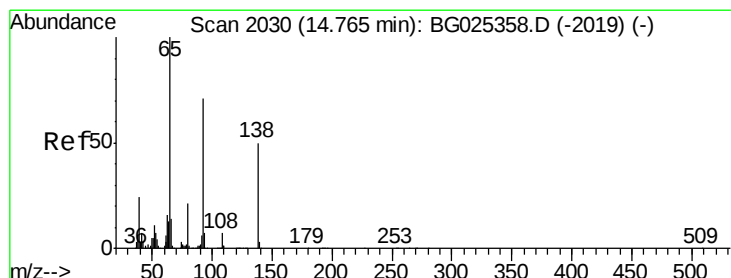
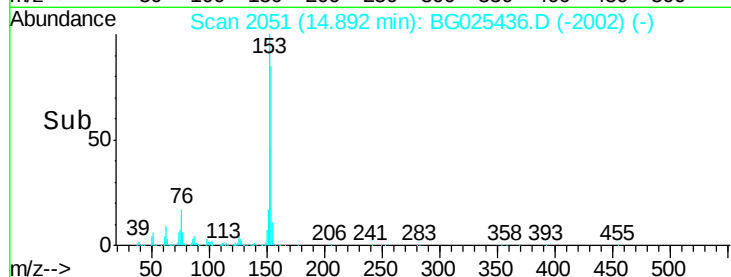
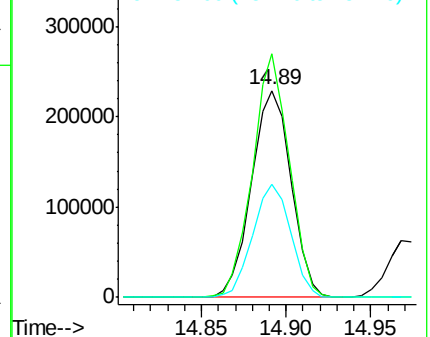
152 54.3 42.2 63.4



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: 16.31 ng

RT: 14.76 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

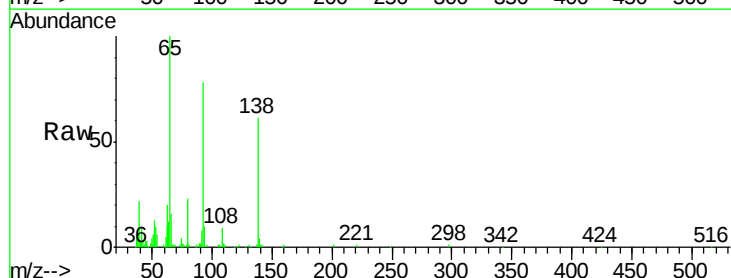
Tgt Ion:138 Resp: 43488

Ion Ratio Lower Upper

138 100

108 14.2 10.9 16.3

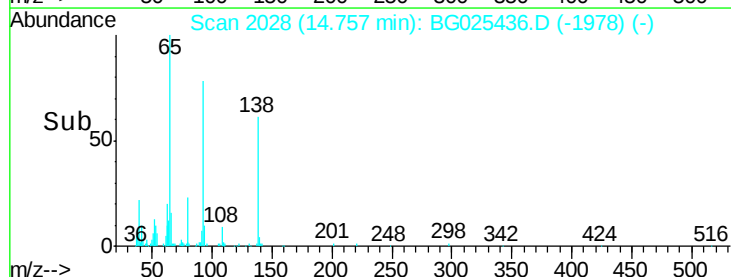
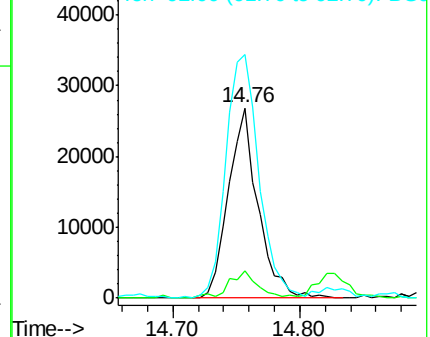
92 128.0 115.3 172.9

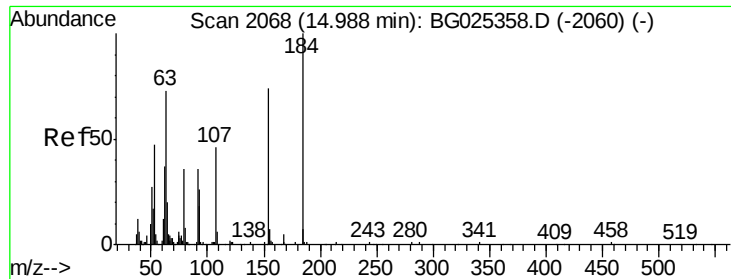


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

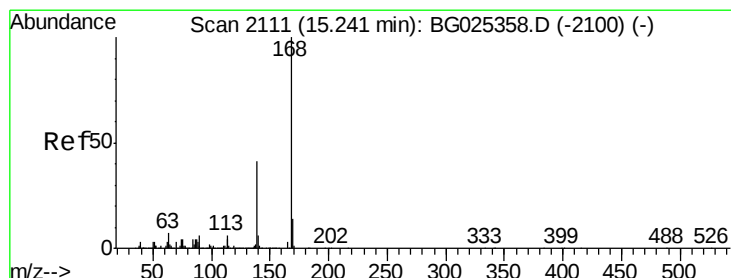
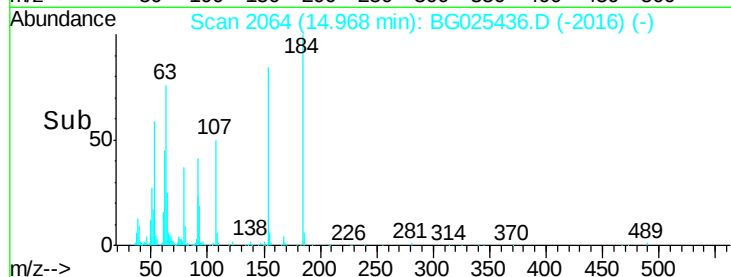
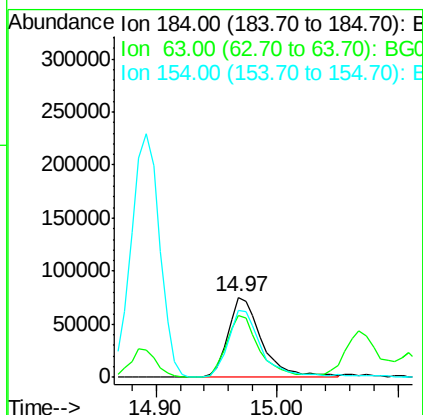
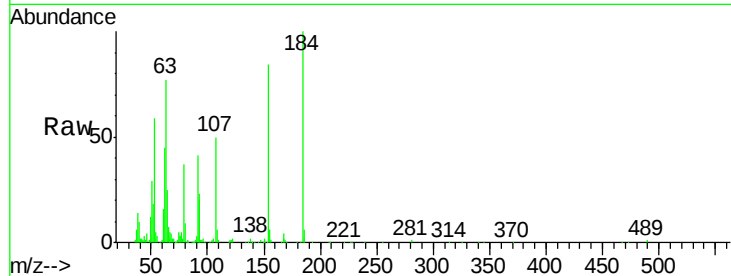




#53
2,4-Dinitrophenol
Concen: 80.97 ng
RT: 14.97 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

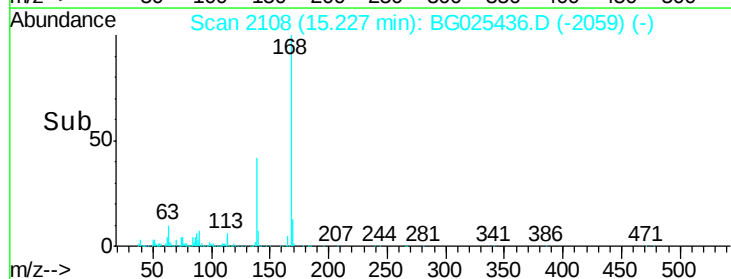
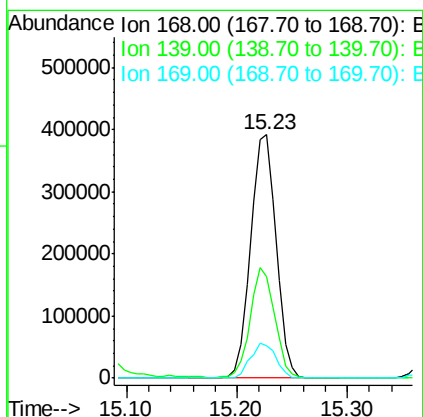
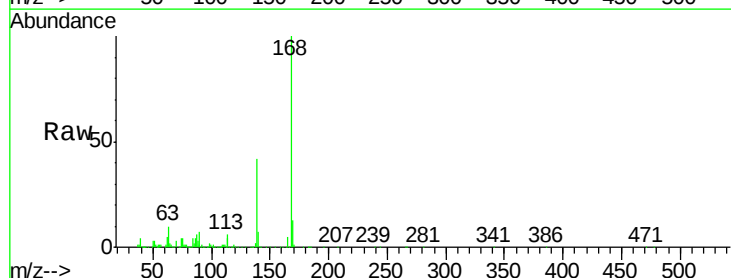
Instrument :
BNA_G
ClientSampleId :
PB95829BS

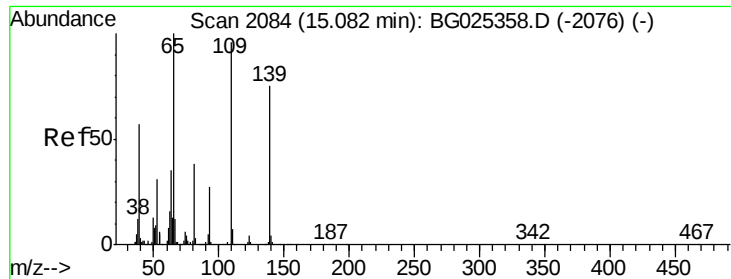
Tgt Ion:184 Resp: 147432
Ion Ratio Lower Upper
184 100
63 77.2 52.7 79.1
154 83.7 57.3 85.9



#54
Dibenzofuran
Concen: 43.33 ng
RT: 15.23 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion:168 Resp: 635705
Ion Ratio Lower Upper
168 100
139 41.9 35.3 52.9
169 13.4 11.5 17.3





#55

4-Nitrophenol

Concen: 89.72 ng

RT: 15.07 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

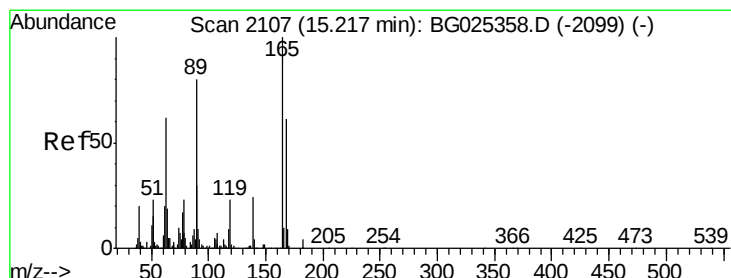
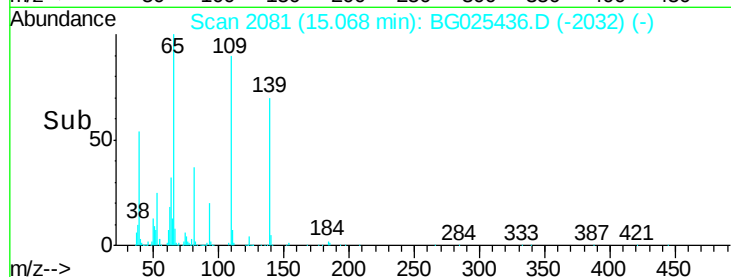
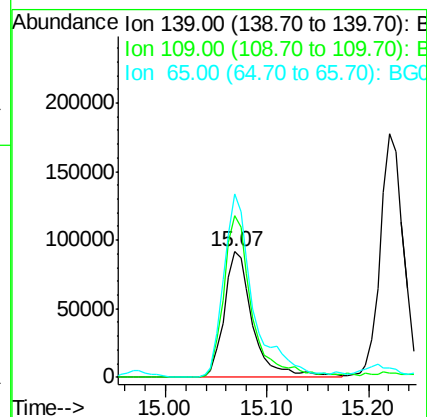
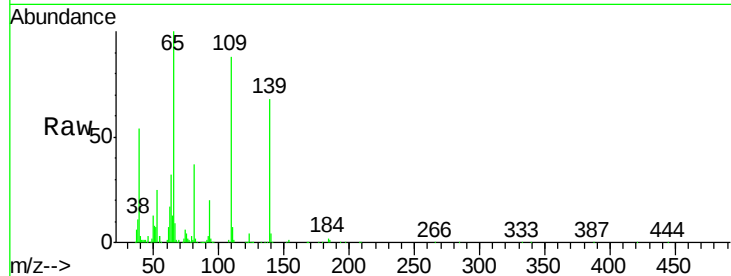
Tgt Ion:139 Resp: 178737

Ion Ratio Lower Upper

139 100

109 128.1 101.2 141.2

65 146.3 135.3 175.3



#56

2,4-Dinitrotoluene

Concen: 43.56 ng

RT: 15.21 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Tgt Ion:165 Resp: 175964

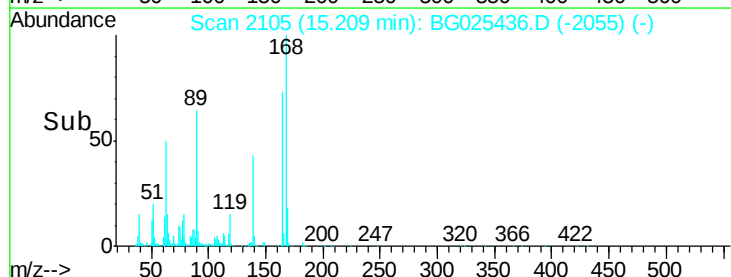
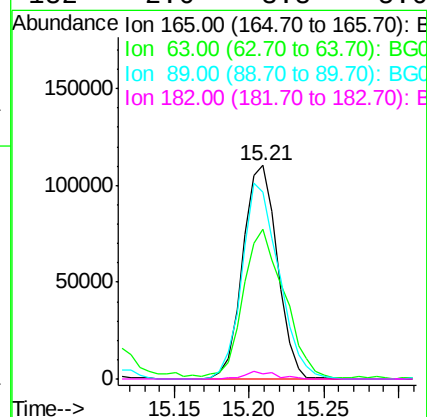
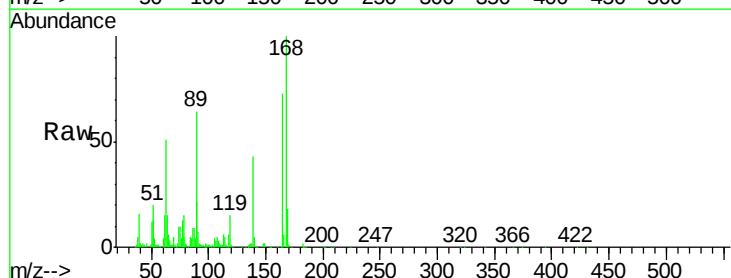
Ion Ratio Lower Upper

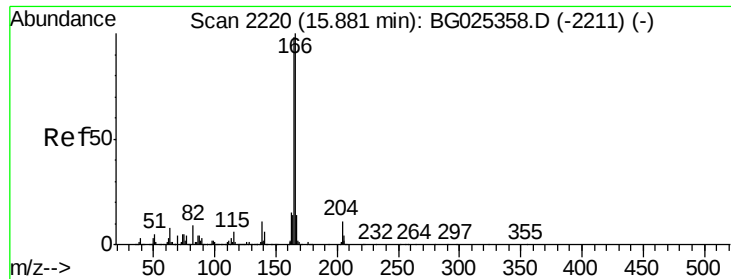
165 100

63 70.3 44.0 66.0#

89 87.3 67.3 100.9

182 2.6 3.8 5.6#





#57

Fluorene

Concen: 42.16 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

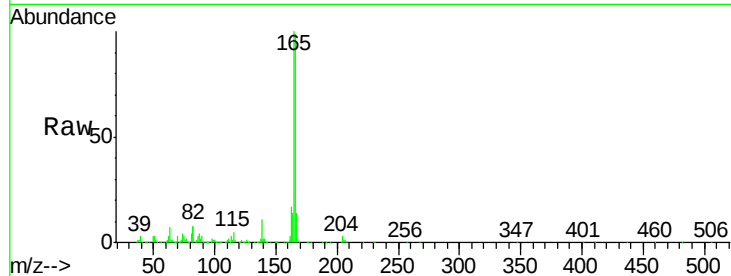
Tgt Ion:166 Resp: 517845

Ion Ratio Lower Upper

166 100

165 101.0 78.6 117.8

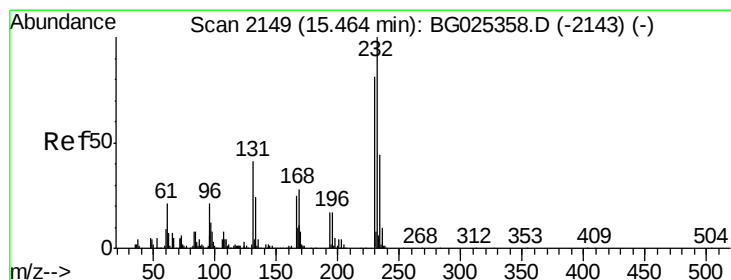
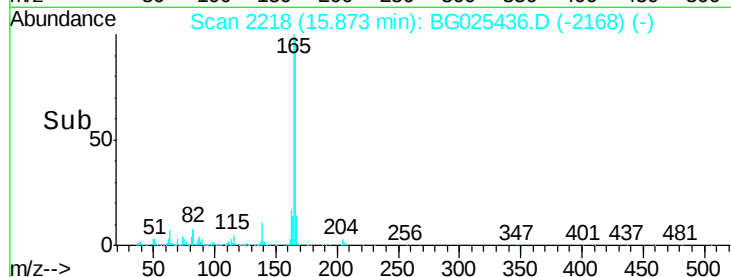
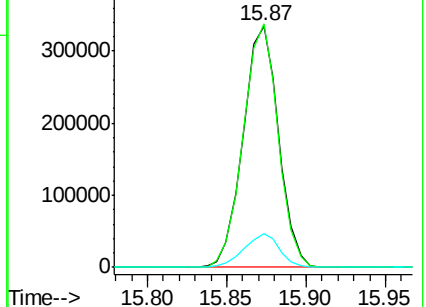
167 14.2 11.6 17.4



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: 42.35 ng

RT: 15.46 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Tgt Ion:232 Resp: 171979

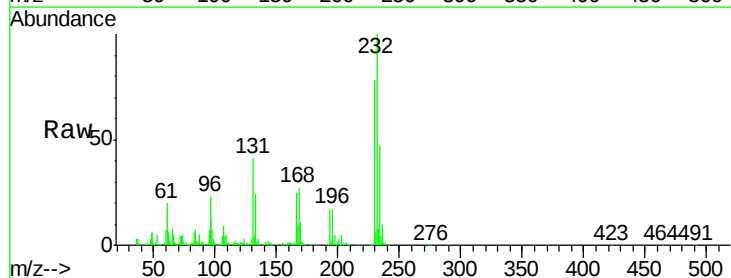
Ion Ratio Lower Upper

232 100

131 38.1 34.9 52.3

130 2.7 2.3 3.5

166 27.8 24.2 36.4

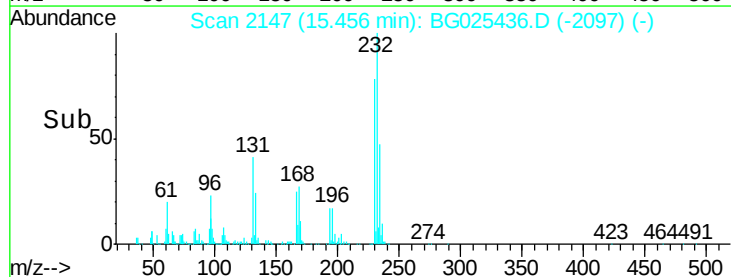
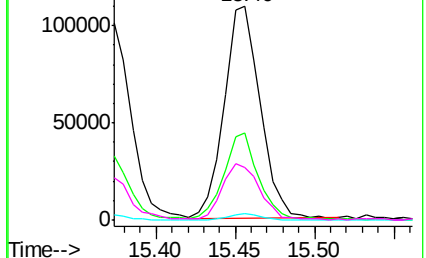


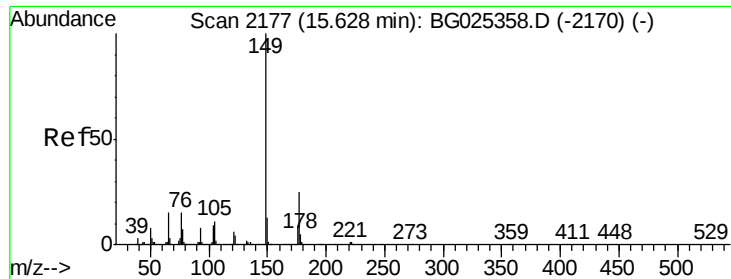
Abundance Ion 232.00 (231.70 to 232.70): E

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

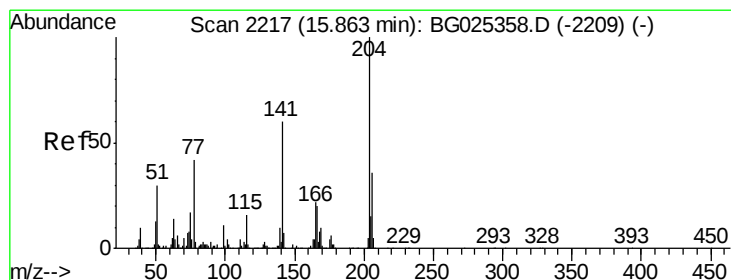
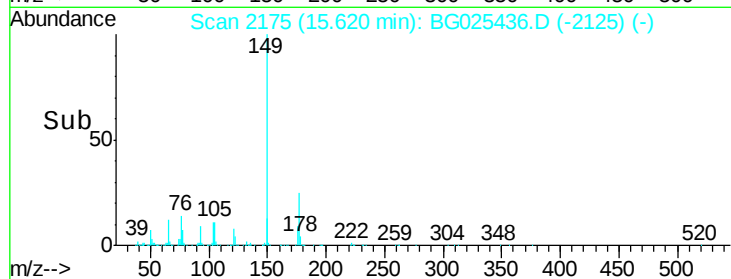
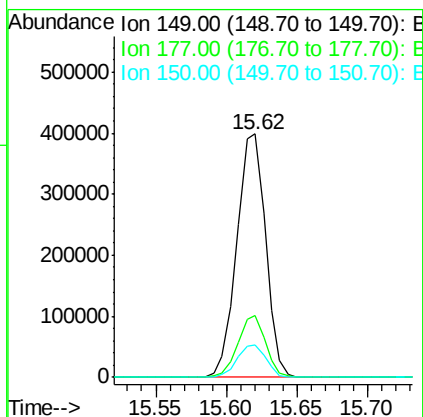
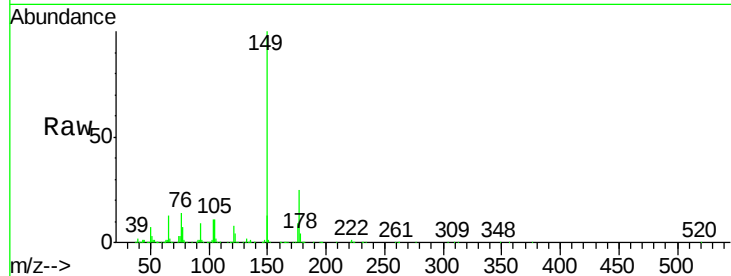




#59
Diethylphthalate
Concen: 42.74 ng
RT: 15.62 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

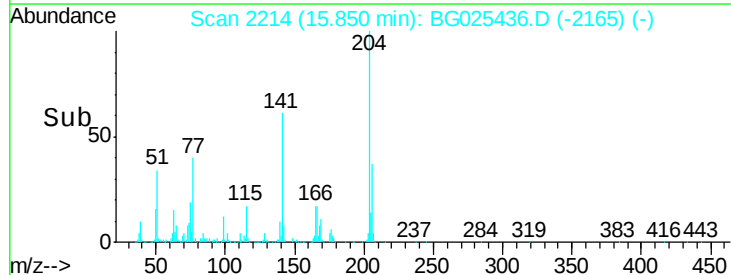
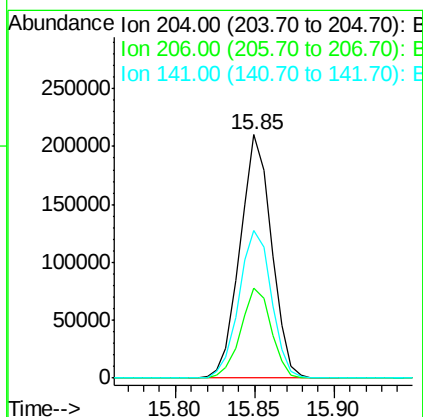
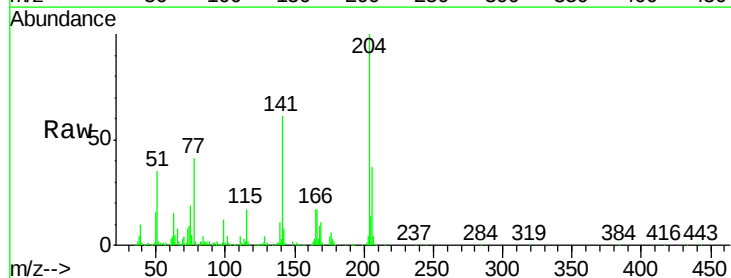
Instrument :
BNA_G
ClientSampleId :
PB95829BS

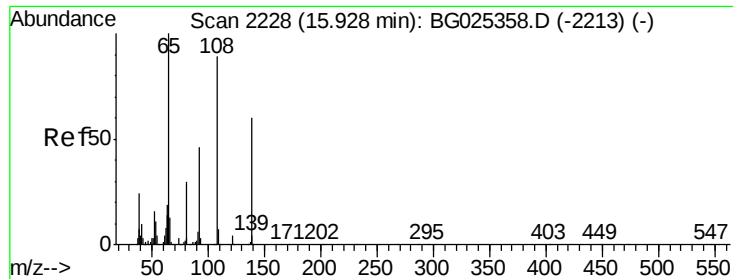
Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.1	30.1
150	13.5	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.67 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.8	30.1	45.1
141	60.6	50.6	76.0

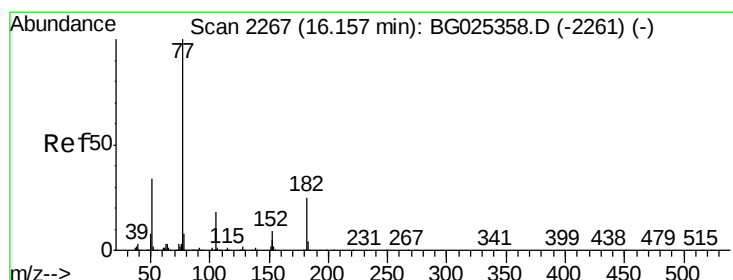
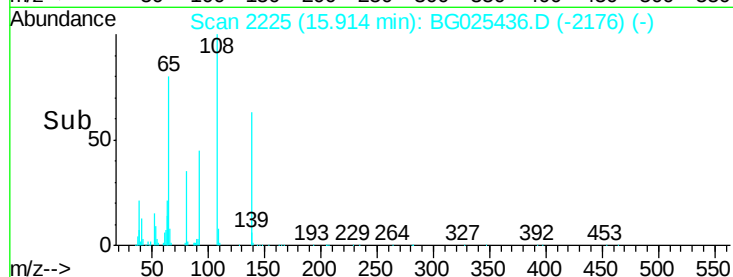
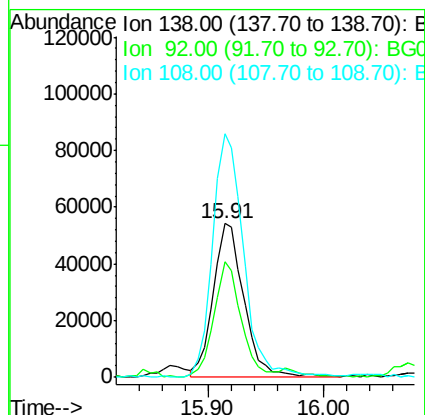
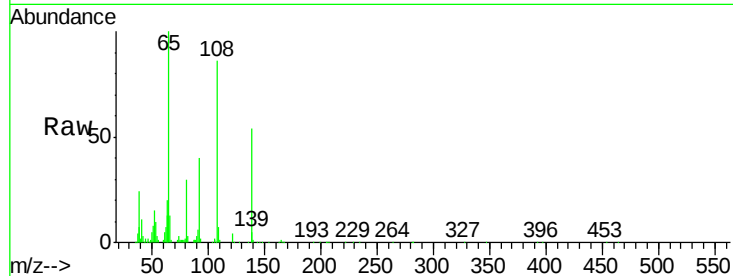




#61
4-Nitroaniline
Concen: 37.01 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

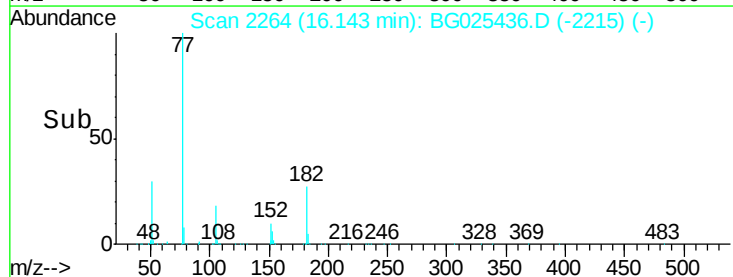
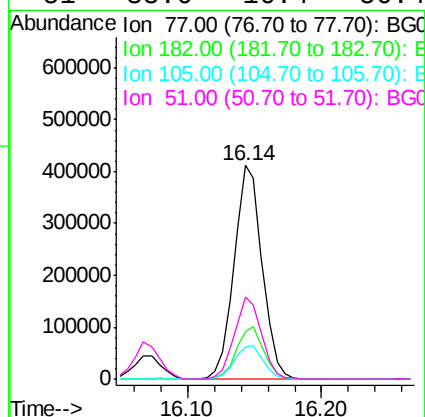
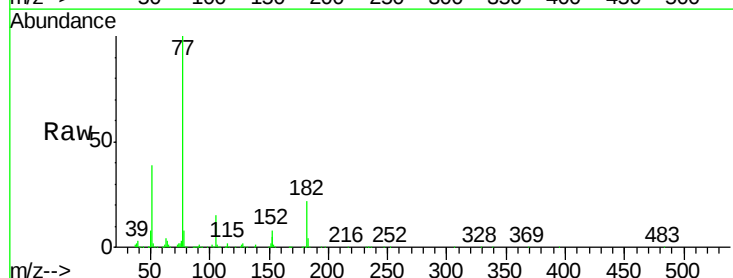
Instrument :
BNA_G
ClientSampleId :
PB95829BS

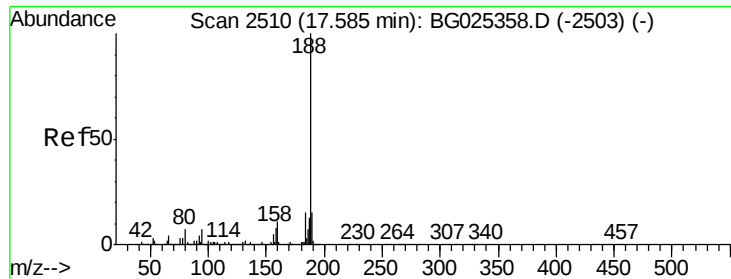
Tgt Ion:138 Resp: 99329
Ion Ratio Lower Upper
138 100
92 74.8 44.2 84.2
108 158.1 104.8 144.8#



#62
Azobenzene
Concen: 46.61 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion: 77 Resp: 598569
Ion Ratio Lower Upper
77 100
182 22.4 4.7 44.7
105 14.8 0.0 36.3
51 38.6 16.4 56.4

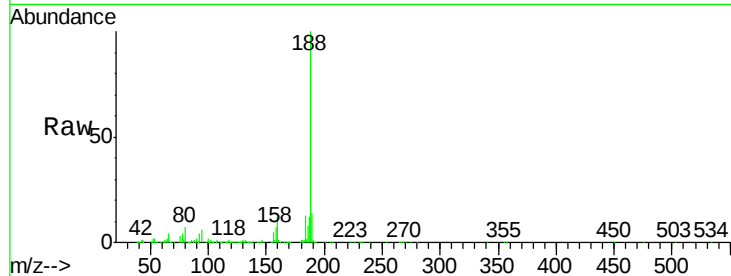




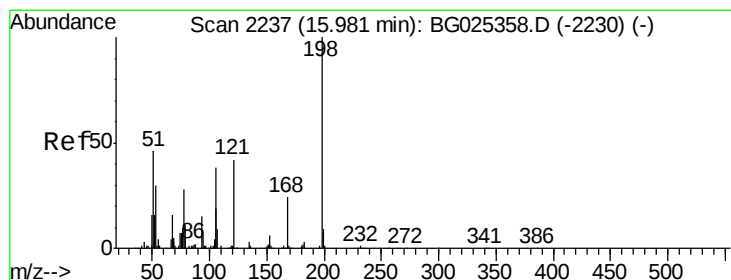
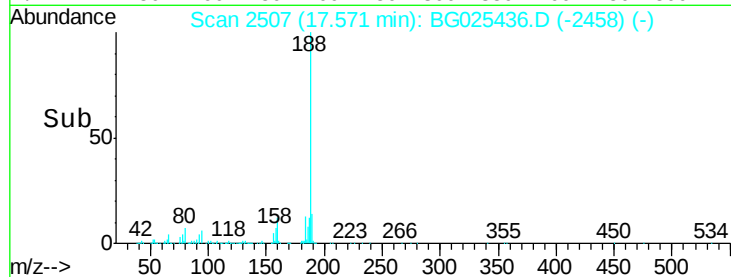
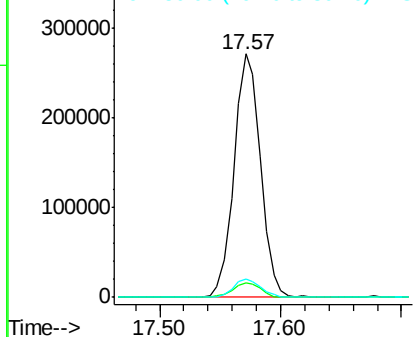
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

Tgt Ion:188 Resp: 412841
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.8 8.8
 80 7.3 7.5 11.3#

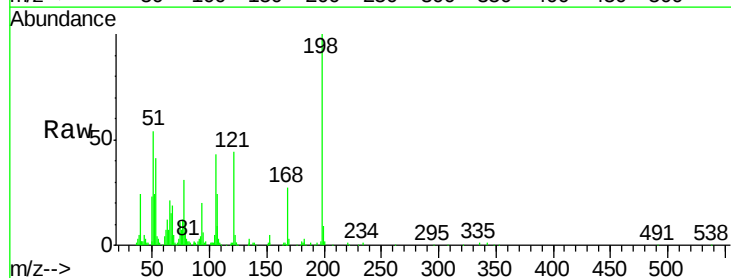


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

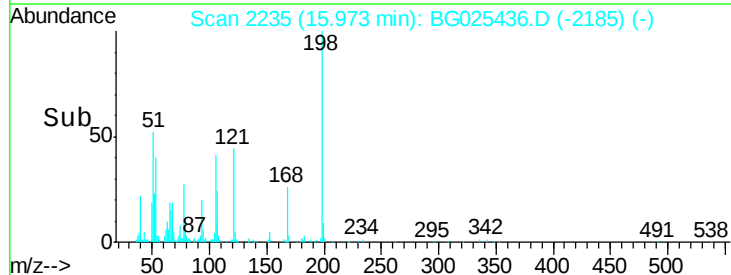
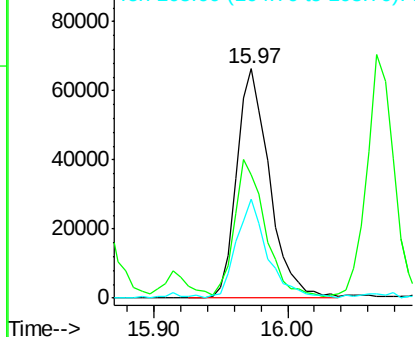


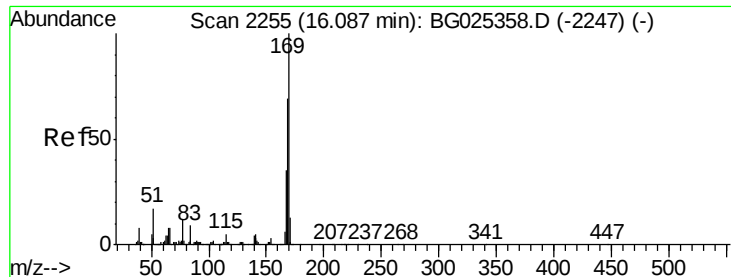
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.41 ng
 RT: 15.97 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion:198 Resp: 112677
 Ion Ratio Lower Upper
 198 100
 51 53.8 22.6 62.6
 105 43.3 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

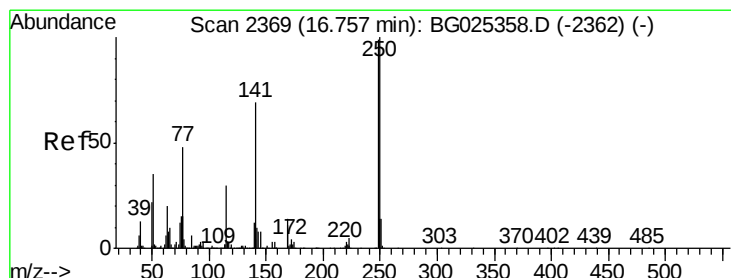
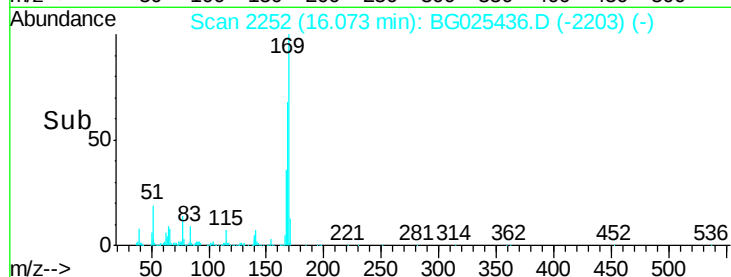
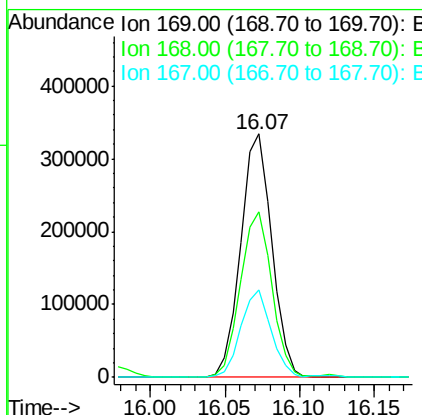
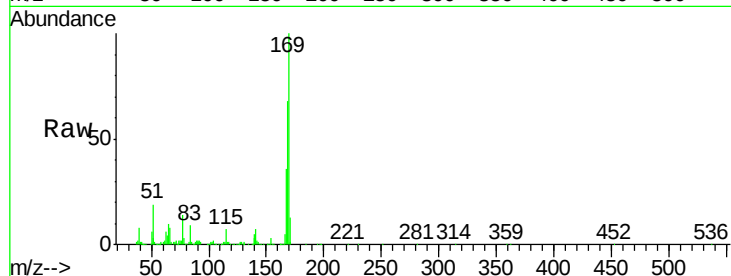




#65
 n-Nitrosodiphenylamine
 Concen: 43.22 ng
 RT: 16.07 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

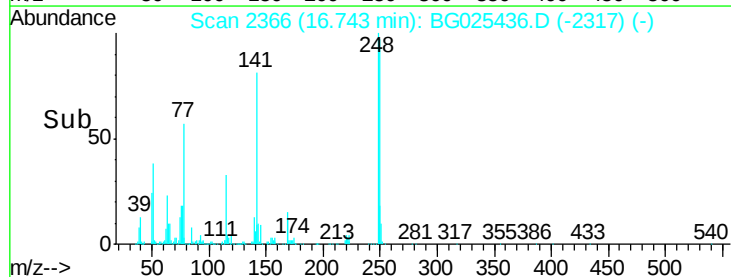
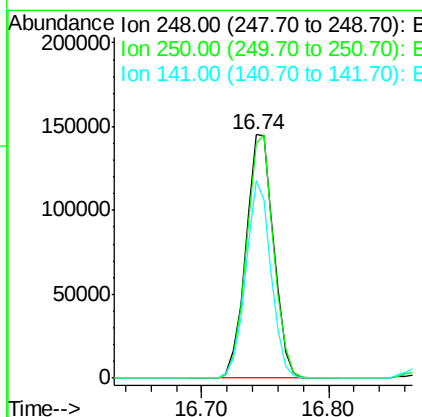
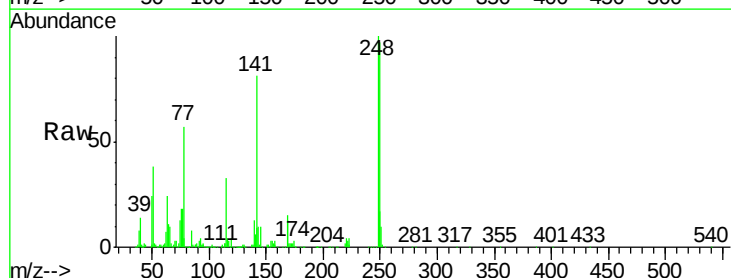
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

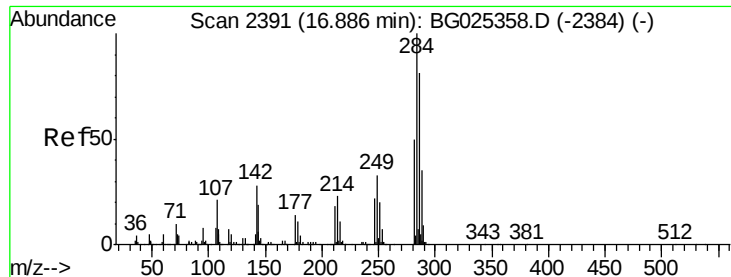
Tgt Ion:169 Resp: 482322
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.7 83.5
 167 35.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.21 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion:248 Resp: 220089
 Ion Ratio Lower Upper
 248 100
 250 96.6 75.0 112.6
 141 80.9 55.2 82.8





#67

Hexachlorobenzene

Concen: 40.69 ng

RT: 16.87 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

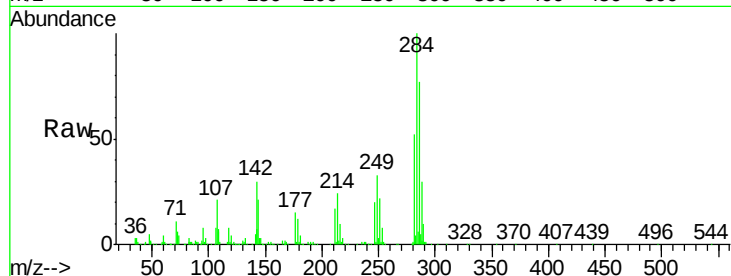
Tgt Ion:284 Resp: 237815

Ion Ratio Lower Upper

284 100

142 30.3 29.9 44.9

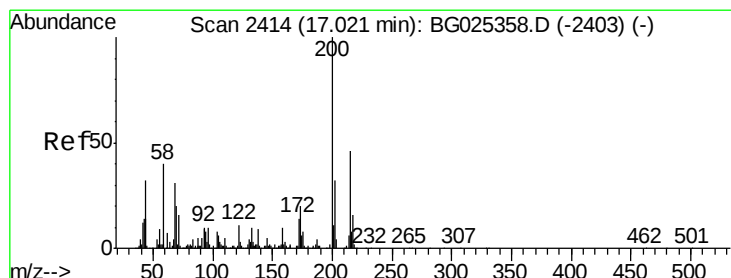
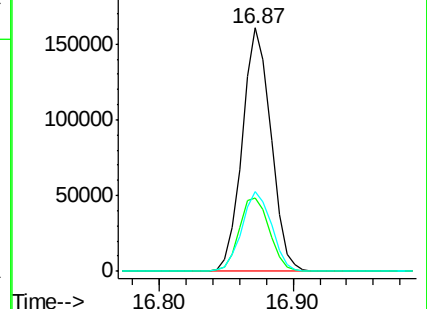
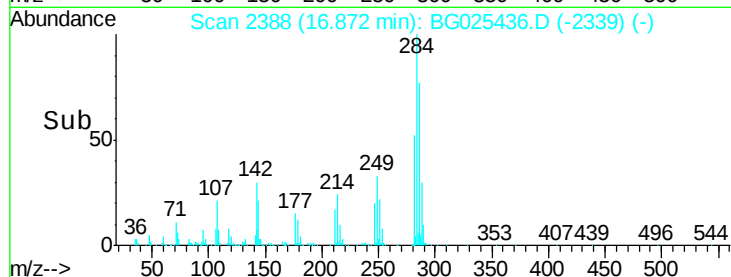
249 32.6 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.38 ng

RT: 17.01 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

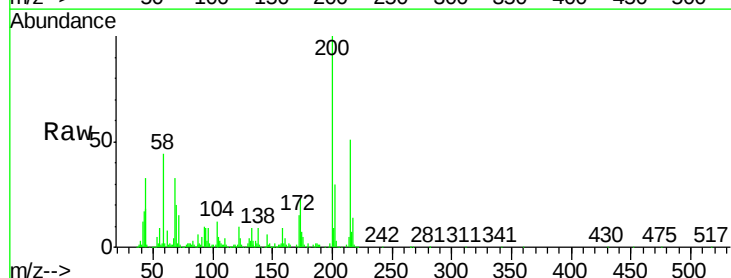
Tgt Ion:200 Resp: 226744

Ion Ratio Lower Upper

200 100

173 22.6 3.0 43.0

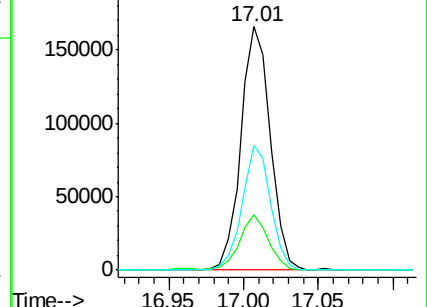
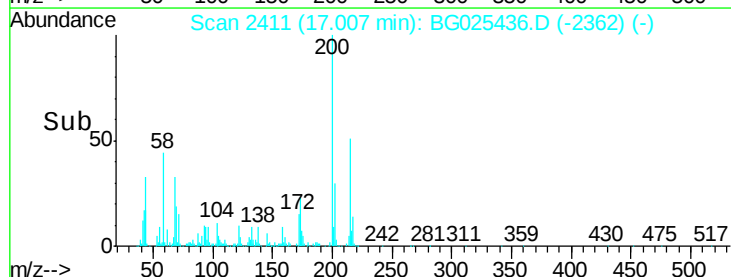
215 51.1 28.4 68.4

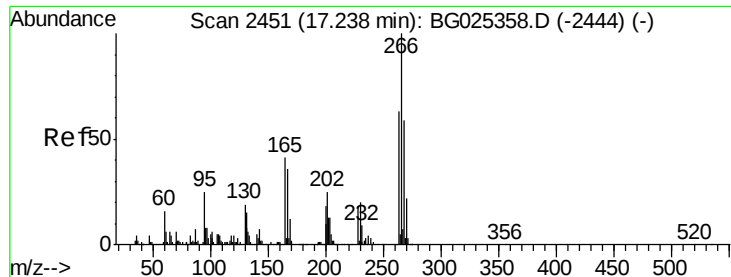


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

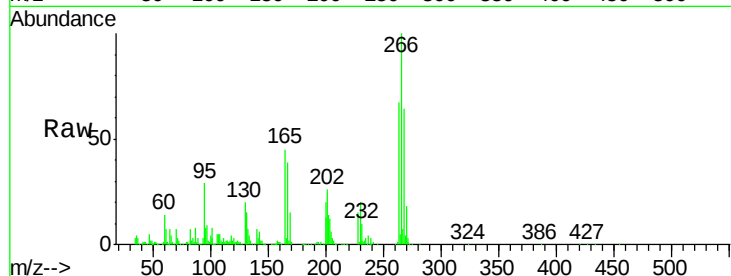




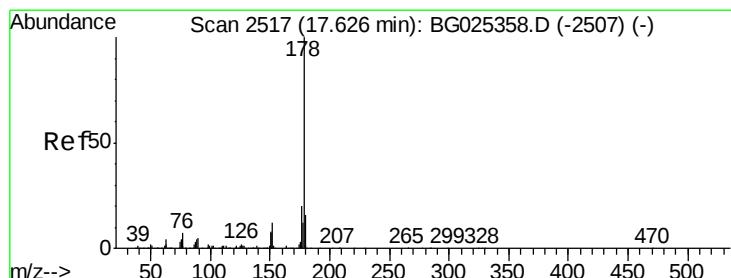
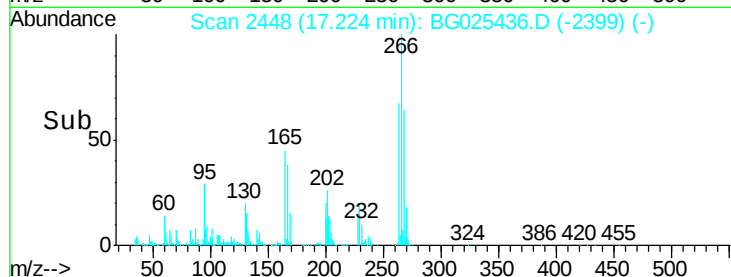
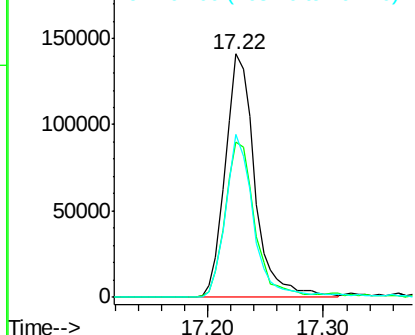
#69
 Pentachlorophenol
 Concen: 82.93 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

Tgt Ion:266 Resp: 251287
 Ion Ratio Lower Upper
 266 100
 268 63.7 48.6 72.8
 264 67.0 50.1 75.1

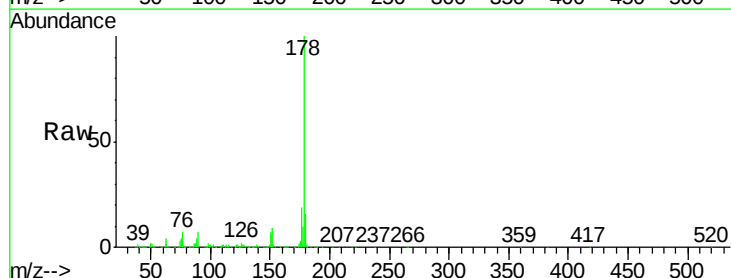


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

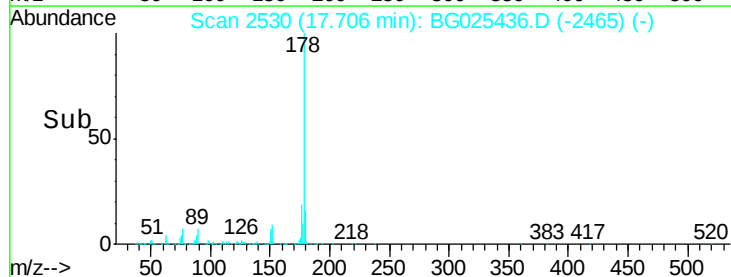
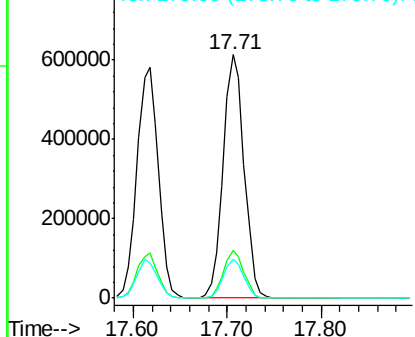


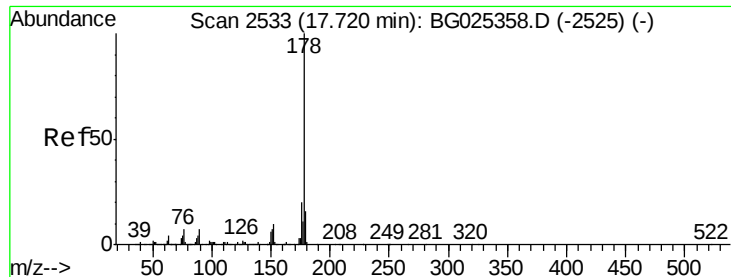
#70
 Phenanthrene
 Concen: 44.89 ng
 RT: 17.71 min Scan# 2530
 Delta R.T. 0.08 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion:178 Resp: 954940
 Ion Ratio Lower Upper
 178 100
 176 19.5 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

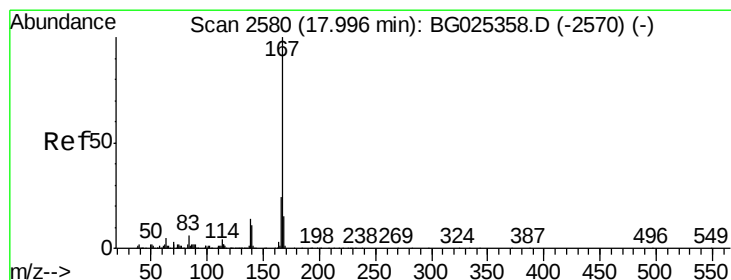
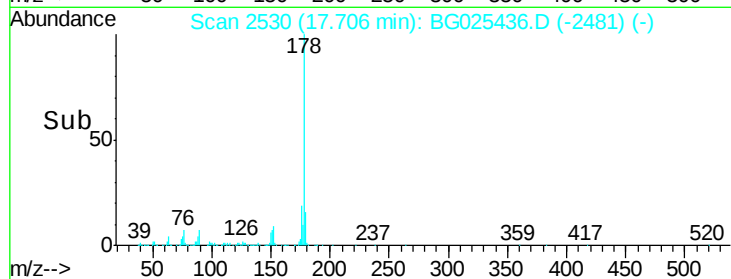
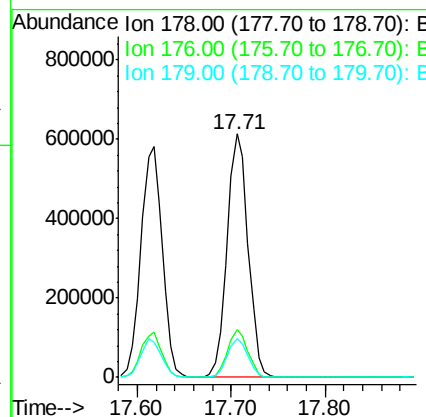
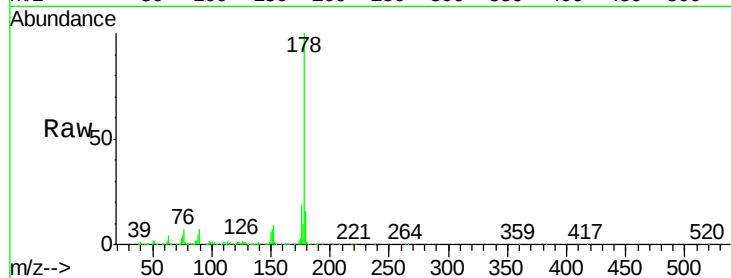




#71
 Anthracene
 Concen: 44.18 ng
 RT: 17.71 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

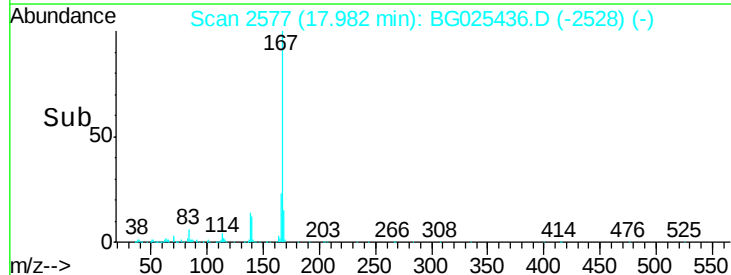
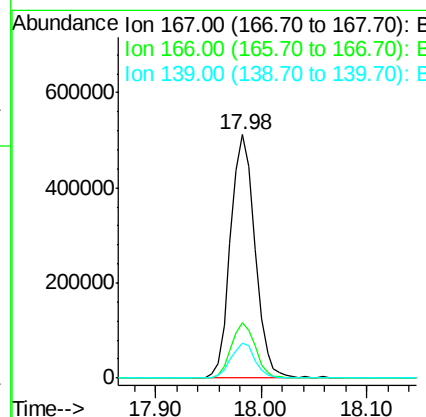
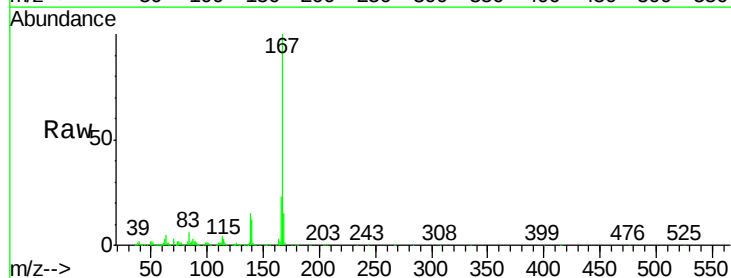
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

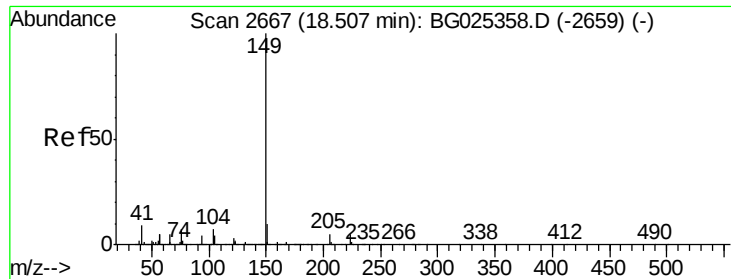
Tgt Ion:178 Resp: 954940
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.4 24.6
 179 16.0 13.8 20.8



#72
 Carbazole
 Concen: 42.53 ng
 RT: 17.98 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion:167 Resp: 822383
 Ion Ratio Lower Upper
 167 100
 166 22.5 20.2 30.2
 139 14.5 12.8 19.2





#73

Di-n-butylphthalate

Concen: 42.47 ng

RT: 18.49 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

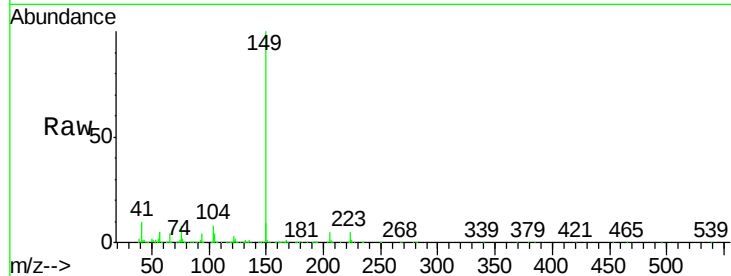
Tgt Ion:149 Resp: 1010396

Ion Ratio Lower Upper

149 100

150 9.0 9.1 13.7#

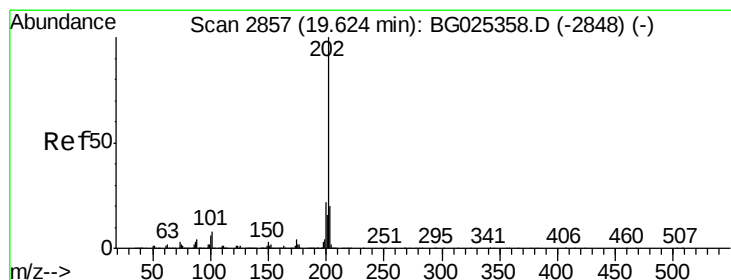
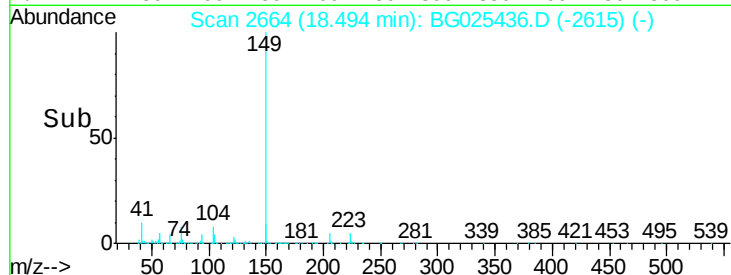
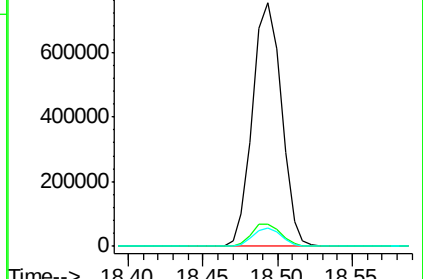
104 7.6 6.7 10.1



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: 43.92 ng

RT: 19.62 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

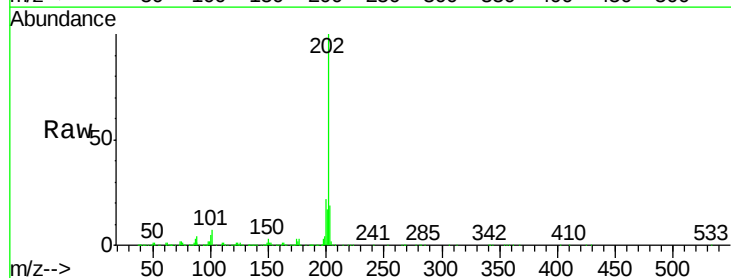
Tgt Ion:202 Resp: 1234187

Ion Ratio Lower Upper

202 100

101 7.0 0.0 30.1

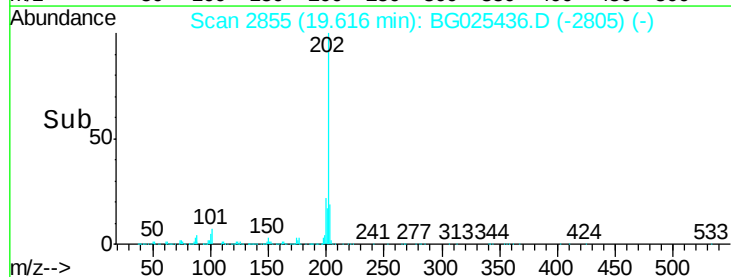
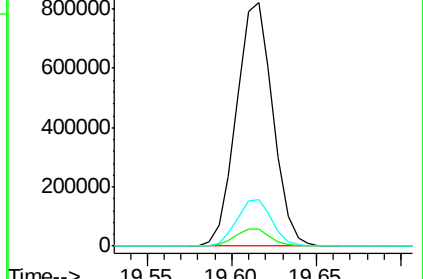
203 18.9 1.3 41.3

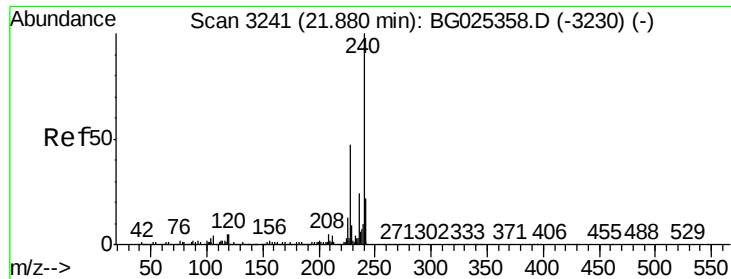


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3238

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

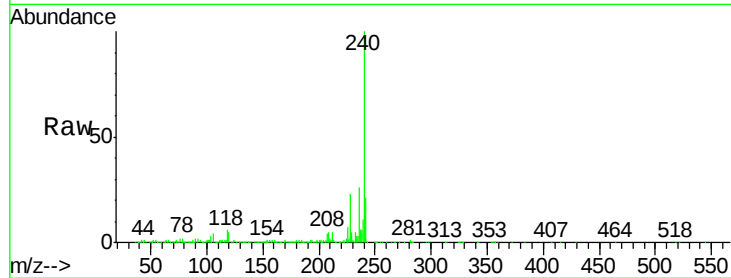
Tgt Ion:240 Resp: 592514

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

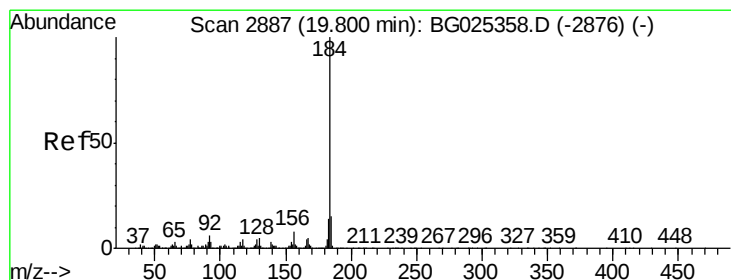
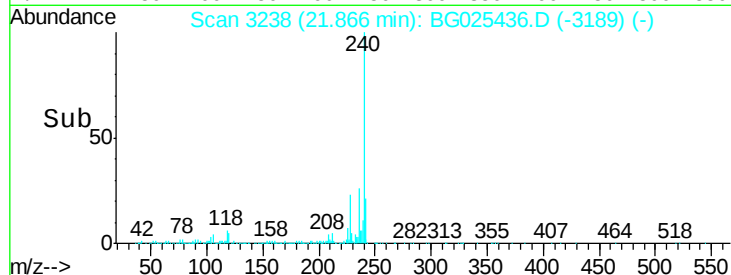
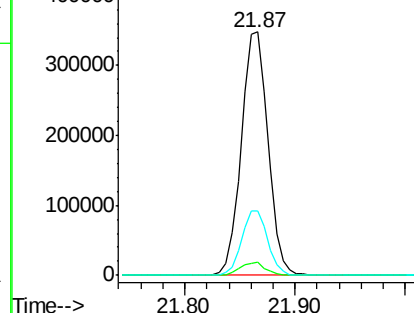
236 26.2 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.40 ng

RT: 19.79 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

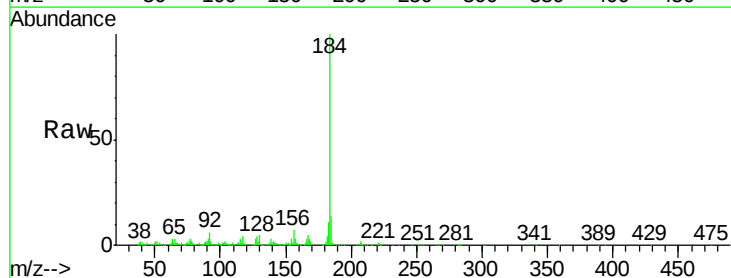
Tgt Ion:184 Resp: 271949

Ion Ratio Lower Upper

184 100

185 13.7 13.0 19.6

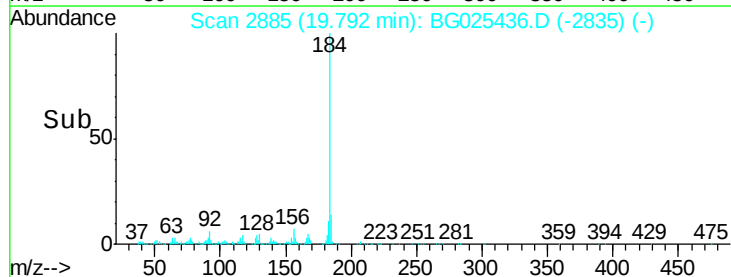
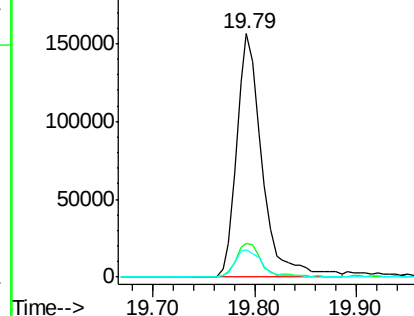
183 11.1 11.0 16.6

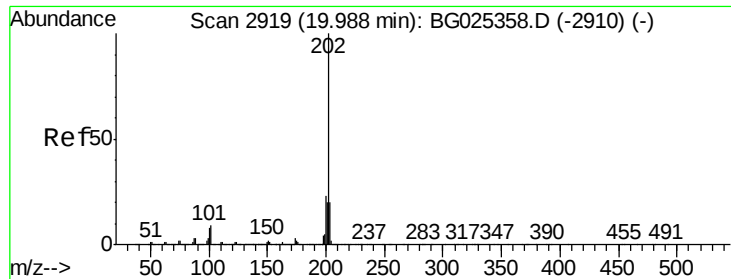


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.79 ng

RT: 19.97 min Scan# 2916

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

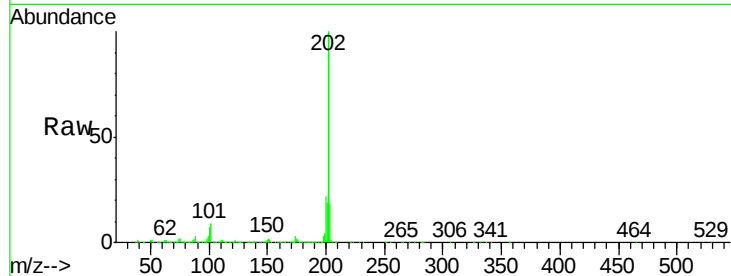
Tgt Ion:202 Resp: 1263233

Ion Ratio Lower Upper

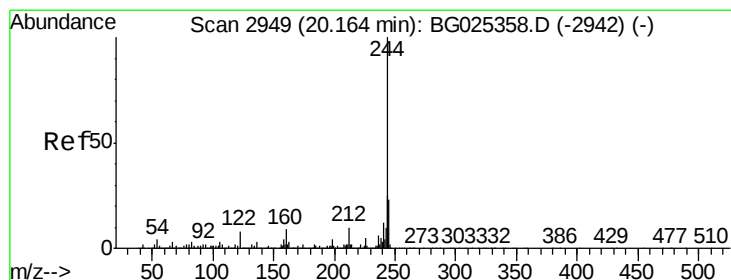
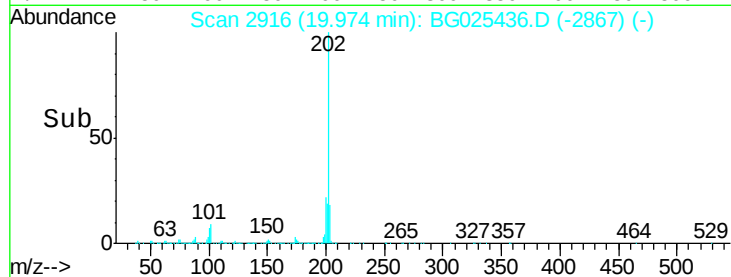
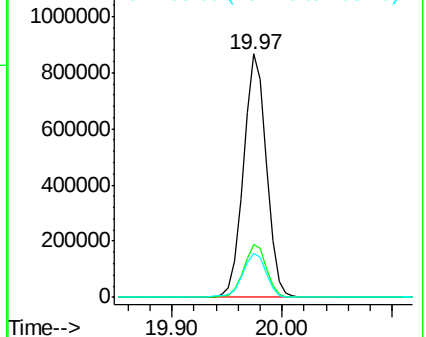
202 100

200 21.9 19.6 29.4

203 17.9 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: 85.42 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

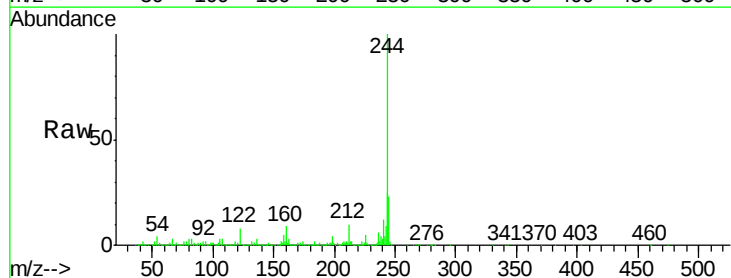
Tgt Ion:244 Resp: 1908801

Ion Ratio Lower Upper

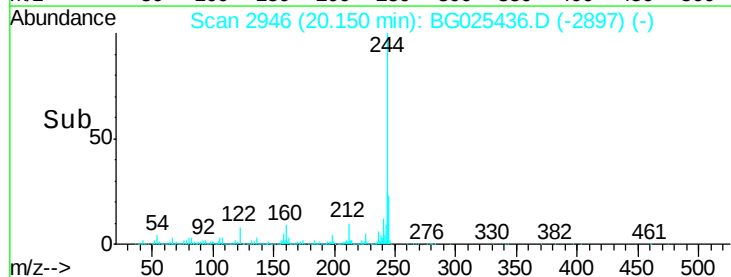
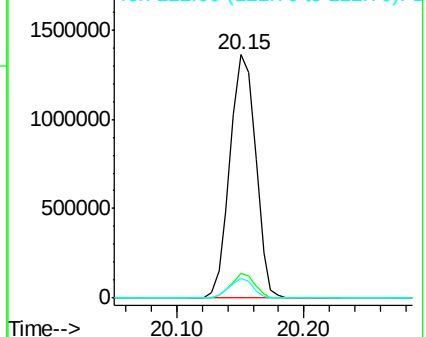
244 100

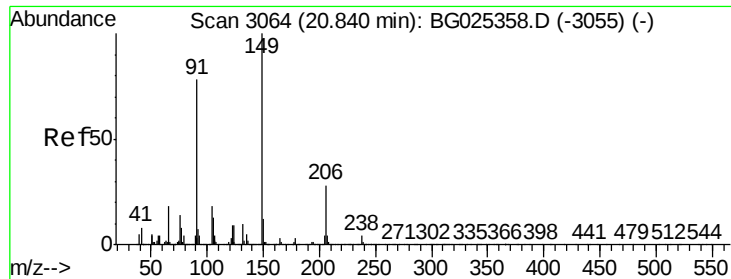
212 10.1 10.0 15.0

122 7.9 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: 41.56 ng

RT: 20.83 min Scan# 3061

Delta R.T. -0.01 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

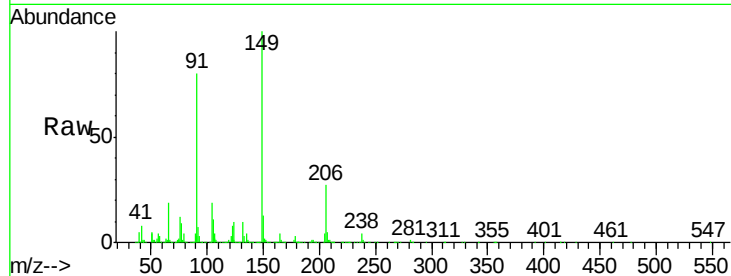
Tgt Ion:149 Resp: 516774

Ion Ratio Lower Upper

149 100

91 80.0 63.5 95.3

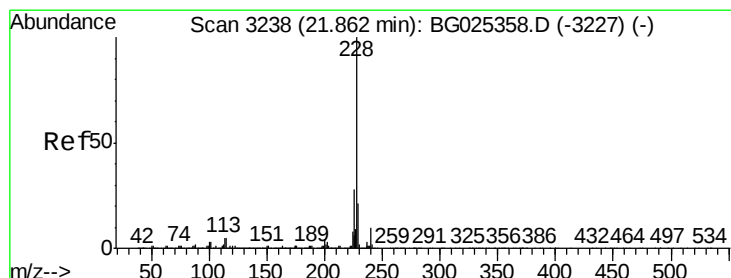
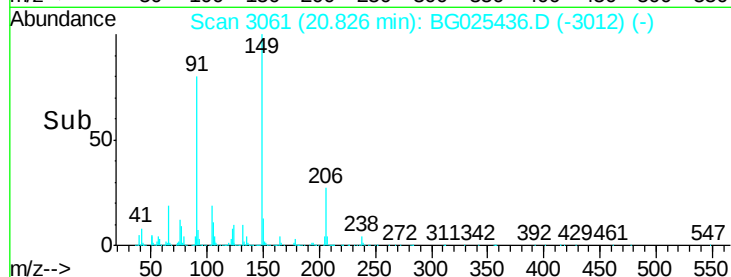
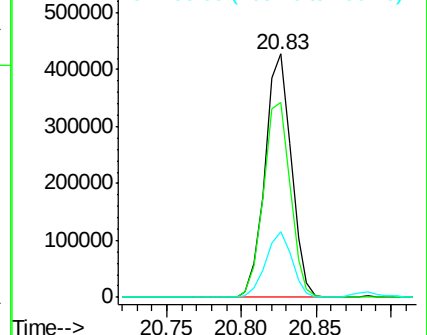
206 26.9 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.59 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

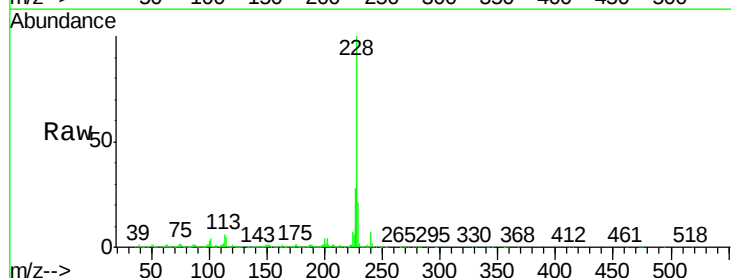
Tgt Ion:228 Resp: 1407480

Ion Ratio Lower Upper

228 100

226 28.3 24.9 37.3

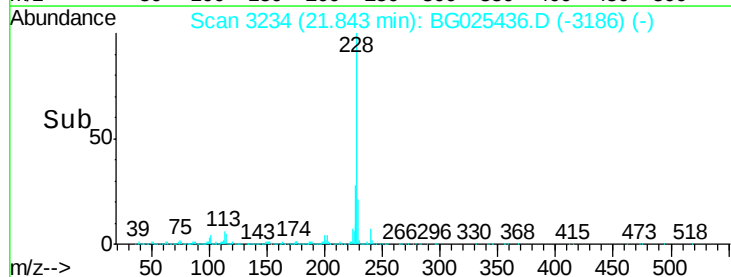
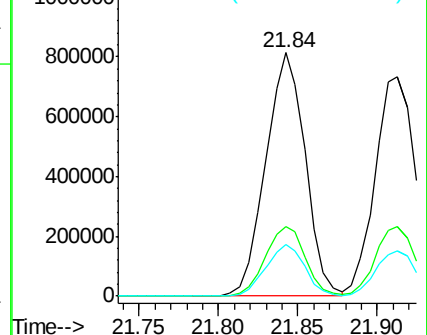
229 21.4 18.2 27.2

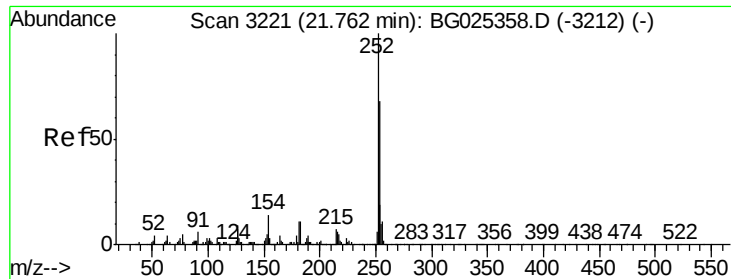


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

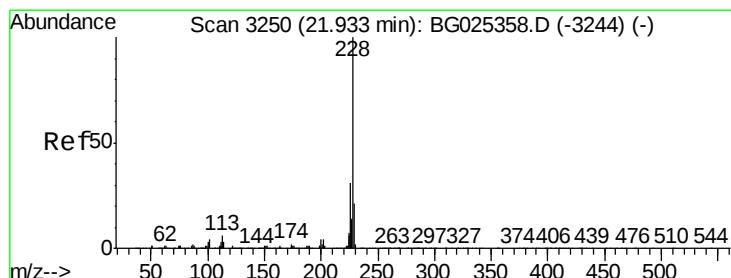
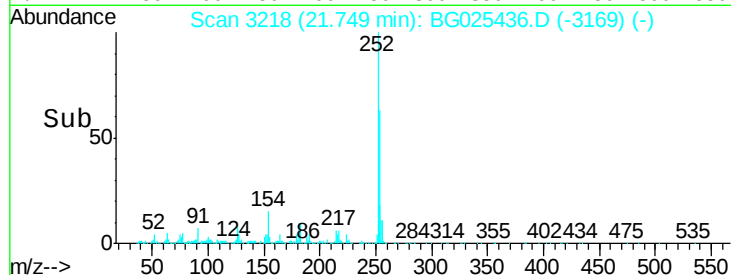
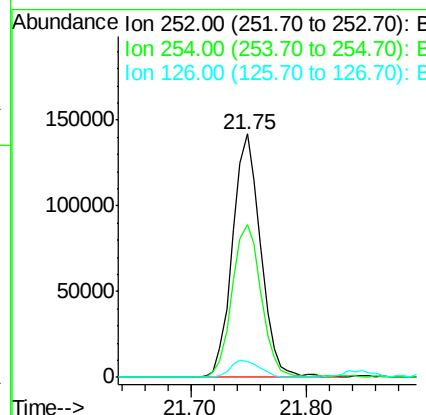
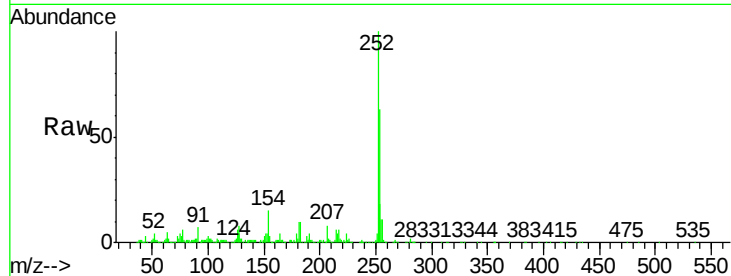




#81
 3,3'-Dichlorobenzidine
 Concen: 18.71 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

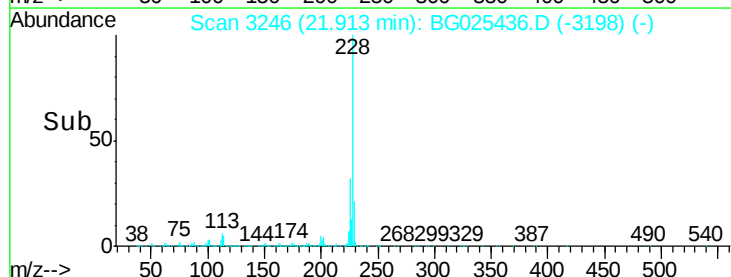
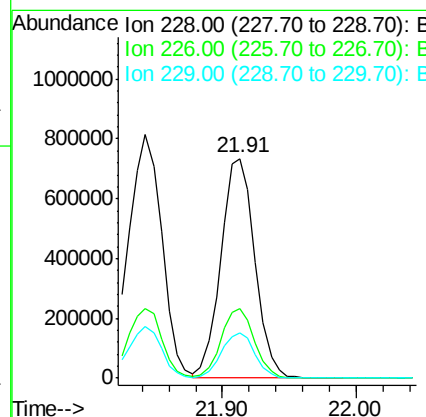
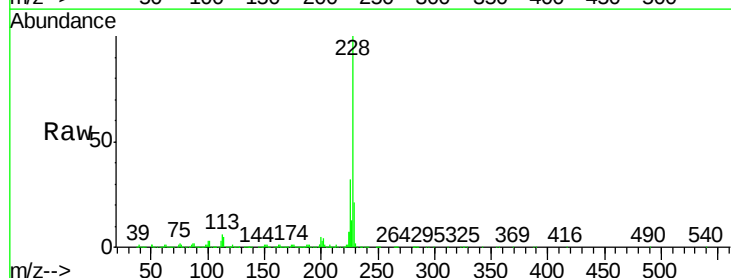
Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

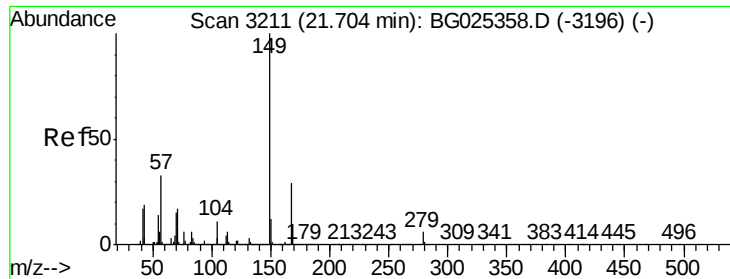
Tgt Ion: 252 Resp: 240124
 Ion Ratio Lower Upper
 252 100
 254 62.7 53.1 79.7
 126 6.4 7.0 10.4#



#82
 Chrysene
 Concen: 41.27 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. -0.02 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Tgt Ion: 228 Resp: 1308100
 Ion Ratio Lower Upper
 228 100
 226 31.9 27.0 40.4
 229 20.8 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.46 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.02 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

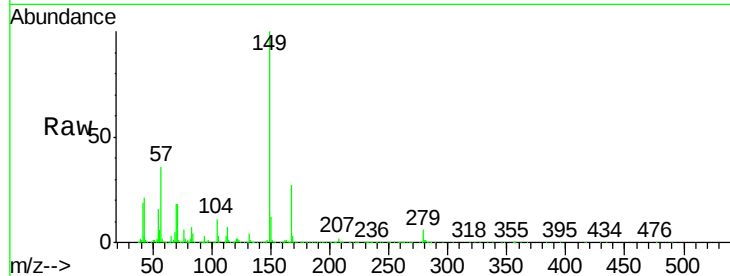
Tgt Ion:149 Resp: 751989

Ion Ratio Lower Upper

149 100

167 27.0 23.7 35.5

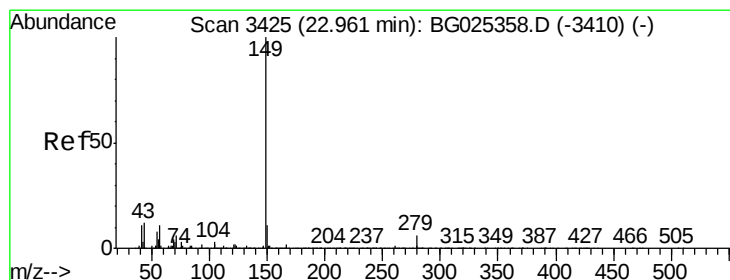
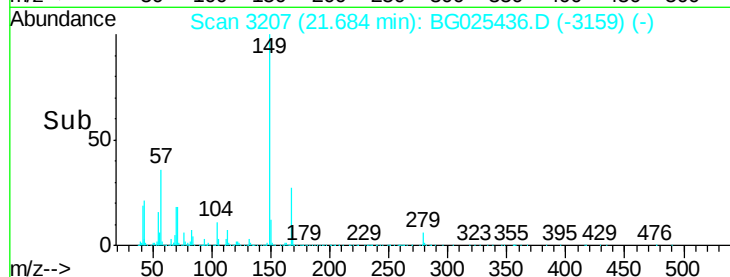
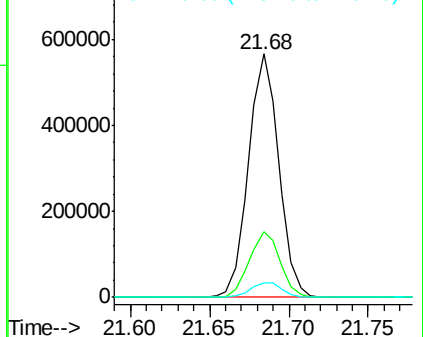
279 5.8 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.37 ng

RT: 22.94 min Scan# 3421

Delta R.T. -0.02 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

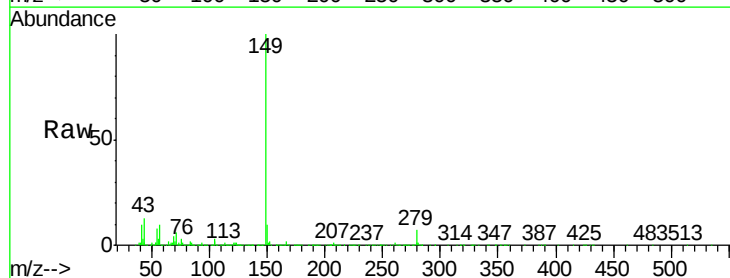
Tgt Ion:149 Resp: 1303487

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

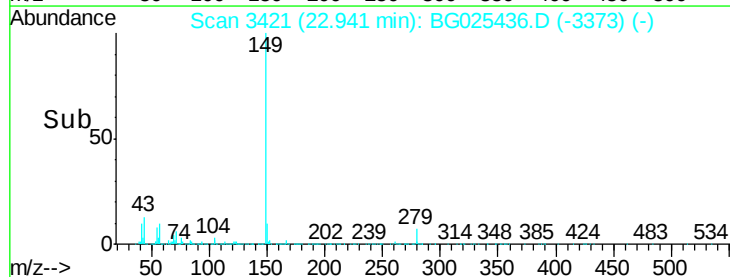
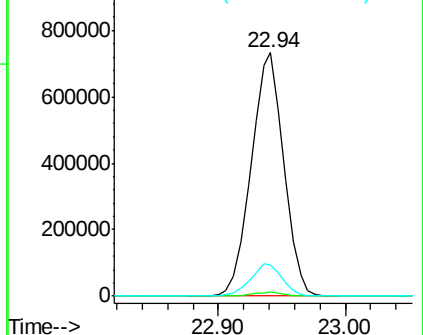
43 12.9 11.8 17.6

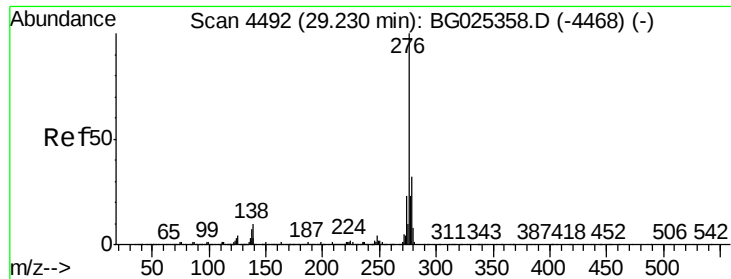


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.67 ng

RT: 29.18 min Scan# 4483

Delta R.T. -0.05 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

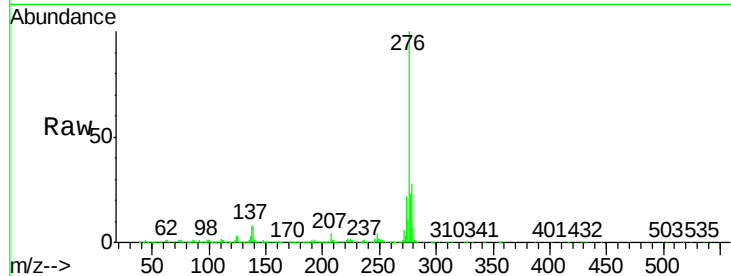
Tgt Ion:276 Resp: 1880377

Ion Ratio Lower Upper

276 100

138 5.8 4.7 7.1

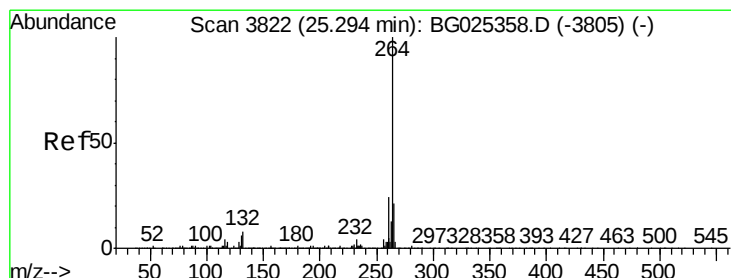
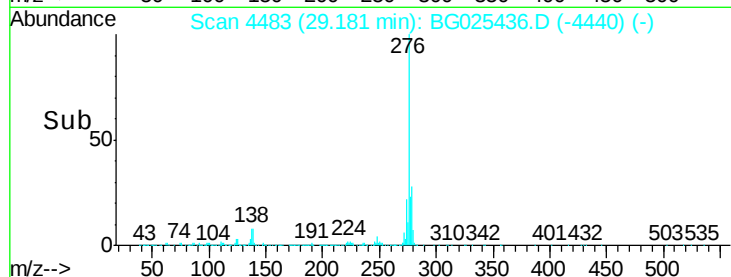
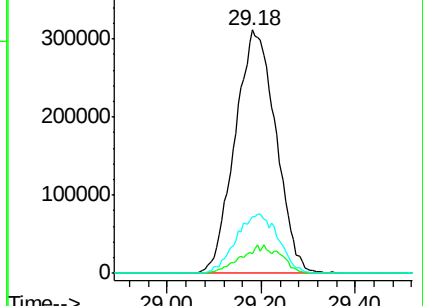
277 25.2 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

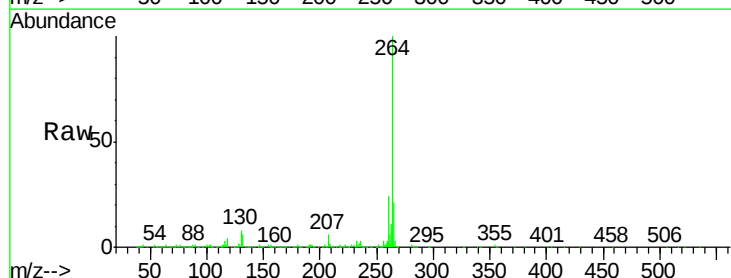
Tgt Ion:264 Resp: 650512

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

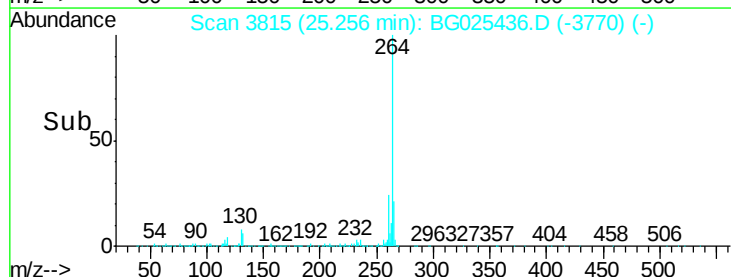
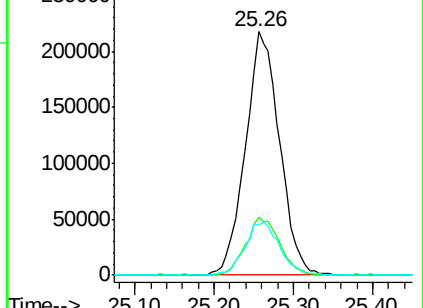
265 20.8 18.2 27.4

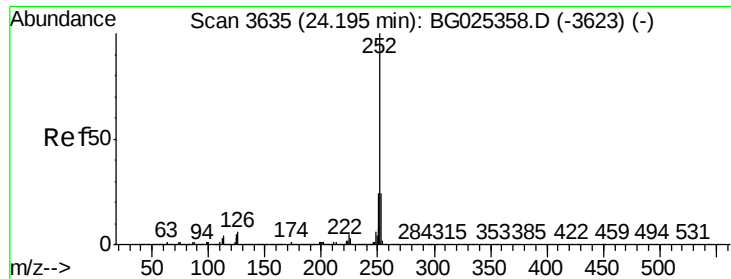


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

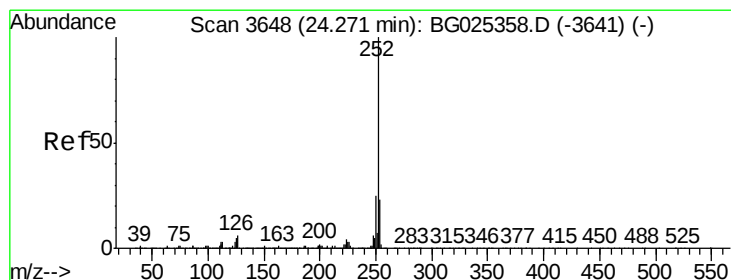
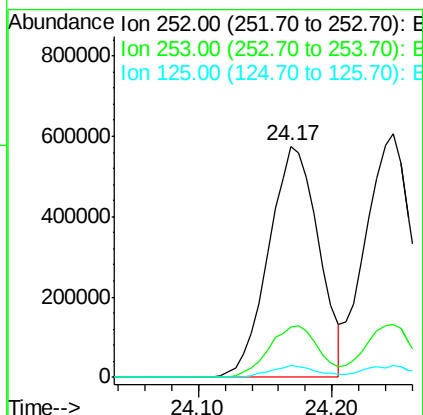
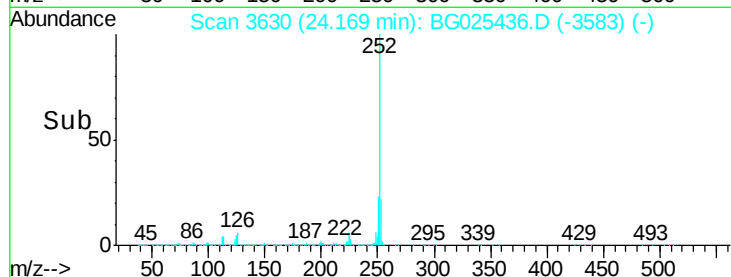
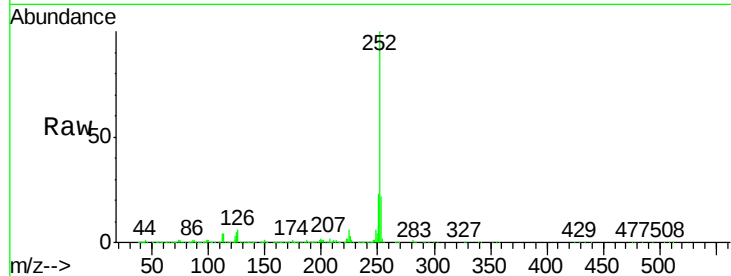




#87
Benzo(b)fluoranthene
Concen: 42.14 ng
RT: 24.17 min Scan# 3630
Delta R.T. -0.03 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

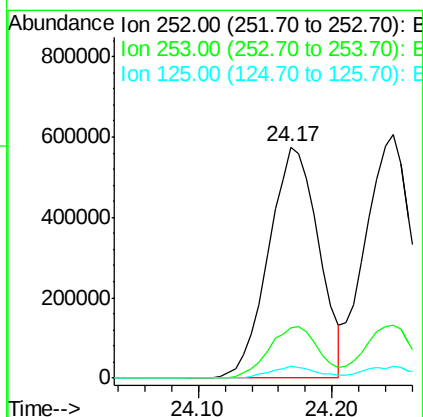
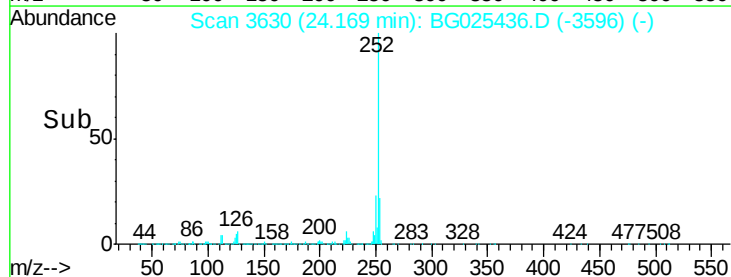
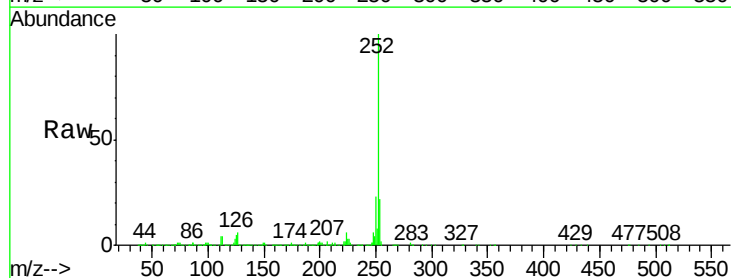
Instrument :
BNA_G
ClientSampleId :
PB95829BS

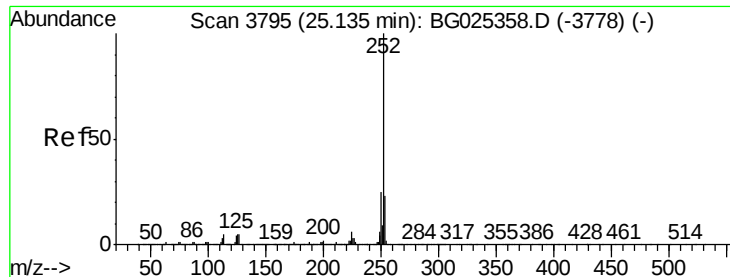
Tgt Ion:252 Resp: 1495658
Ion Ratio Lower Upper
252 100
253 21.7 18.7 28.1
125 5.4 5.3 7.9



#88
Benzo(k)fluoranthene
Concen: 43.63 ng
RT: 24.17 min Scan# 3630
Delta R.T. -0.10 min
Lab File: BG025436.D
Acq: 9 Jan 2017 18:54

Tgt Ion:252 Resp: 1495658
Ion Ratio Lower Upper
252 100
253 21.7 20.2 30.2
125 5.4 5.1 7.7





#89

Benzo(a)pyrene

Concen: 42.57 ng

RT: 25.10 min Scan# 3788

Delta R.T. -0.04 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

Instrument :

BNA_G

ClientSampleId :

PB95829BS

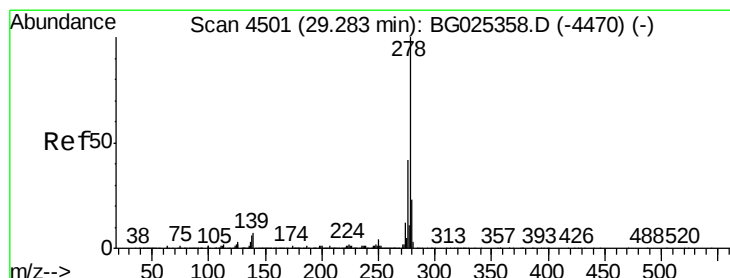
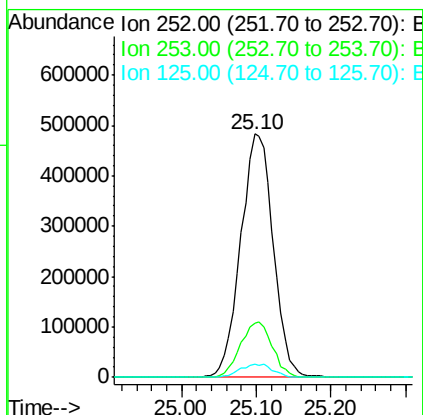
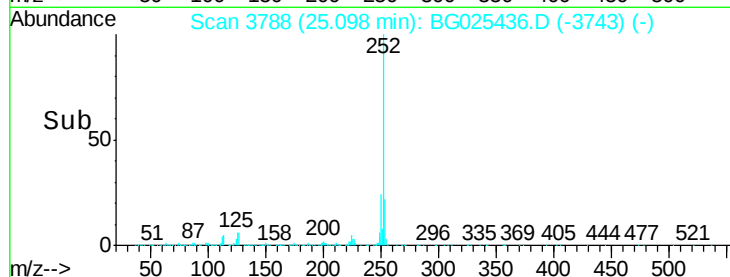
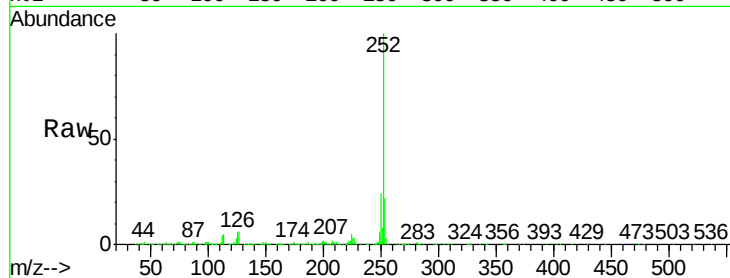
Tgt Ion:252 Resp: 1459181

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	5.7	5.4	8.0

252 100

253 22.1 19.2 28.8

125 5.7 5.4 8.0



#90

Dibenzo(a,h)anthracene

Concen: 42.72 ng

RT: 29.23 min Scan# 4492

Delta R.T. -0.05 min

Lab File: BG025436.D

Acq: 9 Jan 2017 18:54

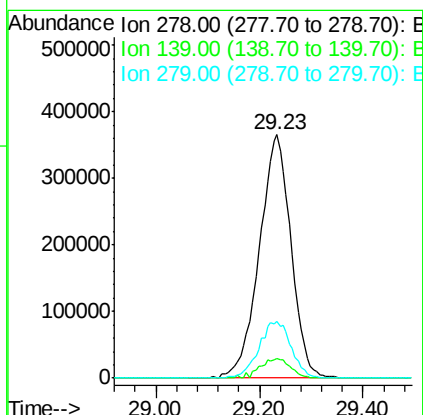
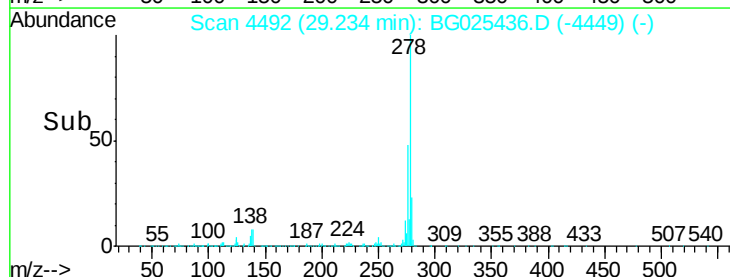
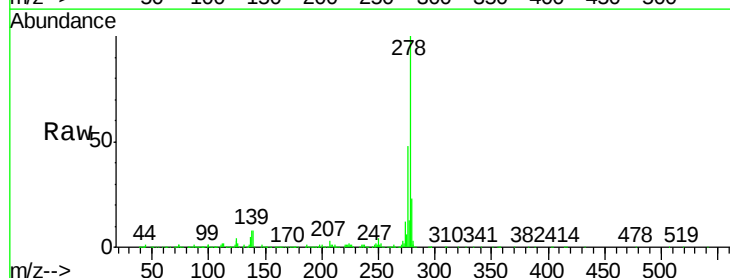
Tgt Ion:278 Resp: 1552139

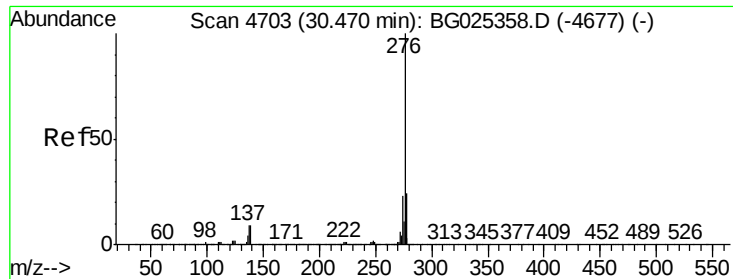
Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.7	11.5
279	23.5	19.1	28.7

278 100

139 8.0 7.7 11.5

279 23.5 19.1 28.7





#91
 Benzo(g,h,i)perylene
 Concen: 42.88 ng
 RT: 30.41 min Scan# 4693
 Delta R.T. -0.06 min
 Lab File: BG025436.D
 Acq: 9 Jan 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB95829BS

Tgt Ion: 276 Resp: 1548156
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.6 27.8
 138 9.5 8.1 12.1

