

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025487.D
 Acq On : 12 Jan 2017 18:14
 Operator : UM/SJ
 Sample : PB95941BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

Quant Time: Jan 13 00:47:10 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	60060	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	231471	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	187770	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	442686	20.00	ng	0.00
75) Chrysene-d12	21.86	240	634948	20.00	ng	0.00
86) Perylene-d12	25.26	264	691268	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	485437	146.91	ng	0.00
7) Phenol-d6	7.36	99	694596	149.26	ng	0.00
23) Nitrobenzene-d5	9.38	82	508235	97.00	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	432078	142.93	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1104256	95.21	ng	0.00
78) Terphenyl-d14	20.15	244	2134266	89.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	49397	35.04	ng	93
3) Pyridine	3.99	79	151973	37.19	ng	95
4) n-Nitrosodimethylamine	3.91	42	111040	45.77	ng	# 95
6) Aniline	7.53	93	111199	17.63	ng	94
8) 2-Chlorophenol	7.77	128	170161	45.65	ng	95
9) Benzaldehyde	7.35	77	16623	4.88	ng	85
10) Phenol	7.39	94	247666	48.01	ng	95
11) bis(2-Chloroethyl)ether	7.61	93	166957	42.00	ng	89
12) 1,3-Dichlorobenzene	8.08	146	192168	42.60	ng	98
13) 1,4-Dichlorobenzene	8.24	146	196303	41.99	ng	87
14) 1,2-Dichlorobenzene	8.55	146	185551	41.59	ng	96
15) Benzyl Alcohol	8.45	79	188412	42.41	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.72	45	314255	42.69	ng	98
17) 2-Methylphenol	8.65	107	161526	47.68	ng	98
18) Hexachloroethane	9.28	117	72513	40.39	ng	# 87
19) n-Nitroso-di-n-propylamine	9.01	70	170448	43.36	ng	99
20) 3+4-Methylphenols	8.98	107	220352	47.00	ng	94
22) Acetophenone	9.04	105	286498	44.55	ng	# 97
24) Nitrobenzene	9.43	77	261958	45.58	ng	97
25) Isophorone	9.94	82	446154	47.03	ng	98
26) 2-Nitrophenol	10.14	139	103904	47.27	ng	93
27) 2,4-Dimethylphenol	10.19	122	171506	47.46	ng	87
28) bis(2-Chloroethoxy)methane	10.42	93	254233	51.60	ng	95
29) 2,4-Dichlorophenol	10.69	162	198518	51.34	ng	99
30) 1,2,4-Trichlorobenzene	10.89	180	208446	44.62	ng	96
31) Naphthalene	11.08	128	517210	44.74	ng	99
32) Benzoic acid	10.34	122	119600	41.16	ng	89
33) 4-Chloroaniline	11.22	127	40022	8.23	ng	# 91
34) Hexachlorobutadiene	11.34	225	175705	46.08	ng	97
35) Caprolactam	11.97	113	39632	27.28	ng	# 82
36) 4-Chloro-3-methylphenol	12.31	107	232151	48.64	ng	99
37) 2-Methylnaphthalene	12.67	142	404512	47.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	290186	46.81	ng	# 96
40) Hexachlorocyclopentadiene	12.99	237	264667	112.96	ng	98

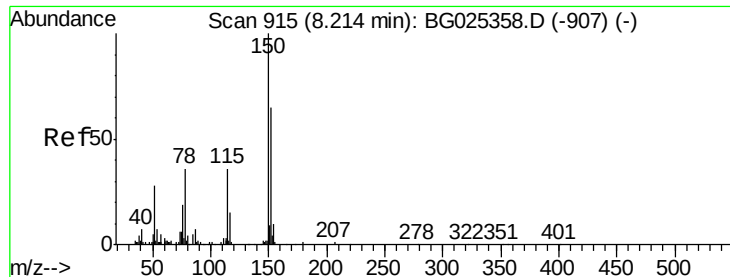
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025487.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	187155	47.95	ng	98
43) 2,4,5-Trichlorophenol	13.36	196	186660	45.68	ng	95
45) 1,1'-Biphenyl	13.66	154	584586	46.29	ng	99
46) 2-Chloronaphthalene	13.71	162	464700	47.10	ng	97
47) 2-Nitroaniline	13.93	65	190512	45.74	ng	99
48) Acenaphthylene	14.56	152	697129	45.59	ng	99
49) Dimethylphthalate	14.27	163	648526	47.38	ng	97
50) 2,6-Dinitrotoluene	14.41	165	142504	47.65	ng	98
51) Acenaphthene	14.89	154	446741	44.66	ng	98
52) 3-Nitroaniline	14.75	138	48858	16.99	ng	100
53) 2,4-Dinitrophenol	14.97	184	175314	88.80	ng	# 86
54) Dibenzofuran	15.22	168	742658	46.97	ng	99
55) 4-Nitrophenol	15.07	139	202864	94.48	ng	90
56) 2,4-Dinitrotoluene	15.21	165	210540	48.35	ng	# 95
57) Fluorene	15.87	166	613241	46.32	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.45	232	205891	47.04	ng	94
59) Diethylphthalate	15.62	149	662798	46.17	ng	99
60) 4-Chlorophenyl-phenylether	15.85	204	349839	46.63	ng	97
61) 4-Nitroaniline	15.92	138	123524	42.70	ng	87
62) Azobenzene	16.15	77	703034	50.78	ng	98
64) 4,6-Dinitro-2-methylphenol	15.98	198	143761	46.89	ng	90
65) n-Nitrosodiphenylamine	16.08	169	563210	47.07	ng	99
66) 4-Bromophenyl-phenylether	16.74	248	266215	48.74	ng	97
67) Hexachlorobenzene	16.87	284	282602	45.09	ng	91
68) Atrazine	17.01	200	262043	49.98	ng	98
69) Pentachlorophenol	17.23	266	304704	93.78	ng	97
70) Phenanthrene	17.61	178	1055091	46.25	ng	96
71) Anthracene	17.71	178	1088540	46.96	ng	97
72) Carbazole	17.98	167	976491	47.10	ng	96
73) Di-n-butylphthalate	18.50	149	1192947	46.77	ng	97
74) Fluoranthene	19.61	202	1444207	47.93	ng	94
76) Benzidine	19.79	184	462913	29.23	ng	97
77) Pyrene	19.98	202	1446073	43.58	ng	98
79) Butylbenzylphthalate	20.82	149	619239	46.48	ng	99
80) Benzo(a)anthracene	21.84	228	1658472	46.83	ng	97
81) 3,3'-Dichlorobenzidine	21.75	252	391713	28.48	ng	# 98
82) Chrysene	21.92	228	1533902	45.16	ng	97
83) Bis(2-ethylhexyl)phthalate	21.69	149	880957	47.51	ng	99
84) Di-n-octyl phthalate	22.94	149	1521927	49.44	ng	95
85) Indeno(1,2,3-cd)pyrene	29.20	276	2125940	49.24	ng	# 97
87) Benzo(b)fluoranthene	24.17	252	1780064	47.20	ng	99
88) Benzo(k)fluoranthene	24.25	252	1646862	45.21	ng	97
89) Benzo(a)pyrene	25.10	252	1672875	45.92	ng	94
90) Dibenzo(a,h)anthracene	29.24	278	1786509	46.27	ng	# 95
91) Benzo(g,h,i)perylene	30.42	276	1750351	45.62	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025487.D

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BNA_G

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PB95941BS

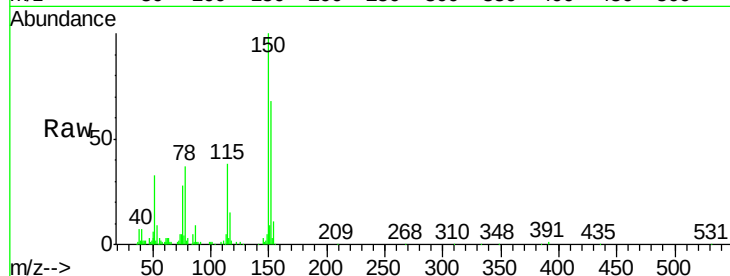
Tgt Ion:152 Resp: 60060

Ion Ratio Lower Upper

152 100

150 147.2 114.0 171.0

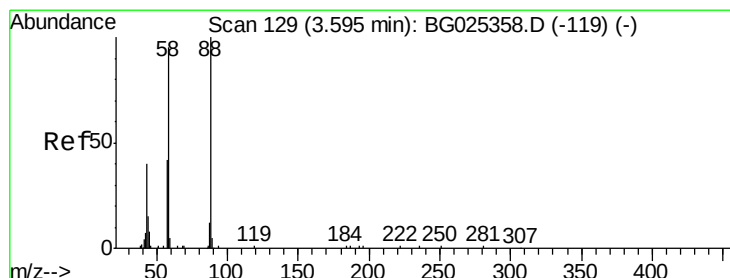
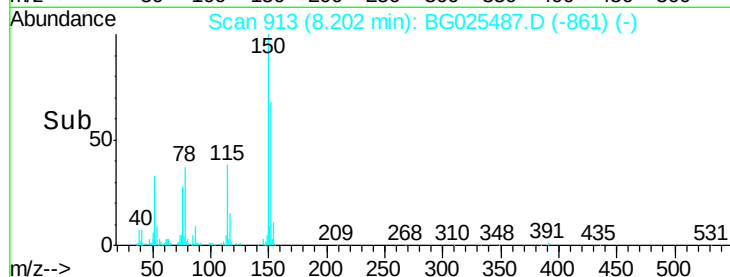
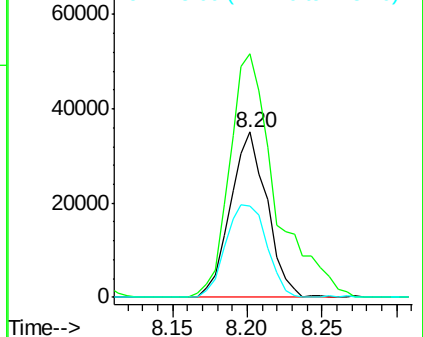
115 55.4 48.1 72.1



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



#2

1,4-Dioxane

Concen: 35.04 ng

RT: 3.57 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

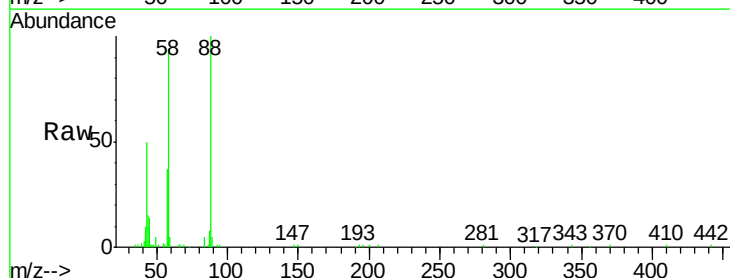
Tgt Ion: 88 Resp: 49397

Ion Ratio Lower Upper

88 100

58 104.0 79.4 119.2

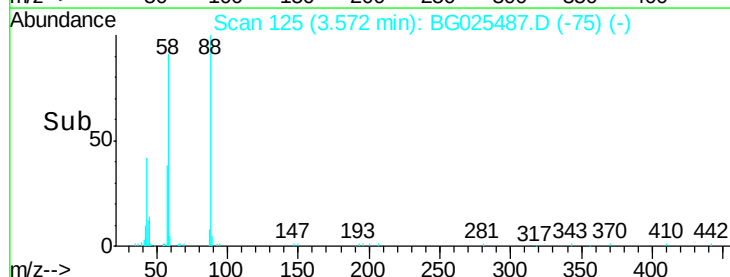
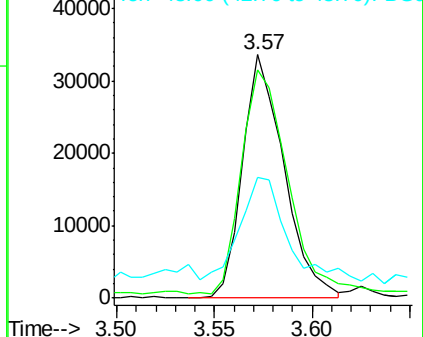
43 49.3 33.8 50.6

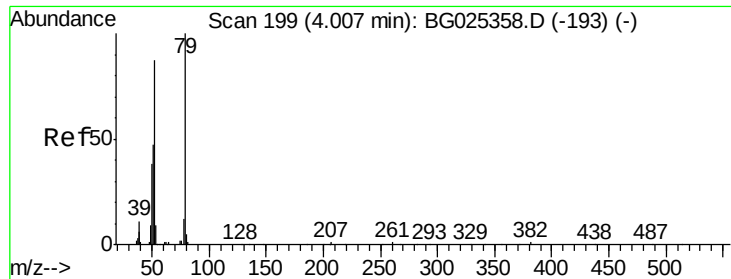


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.19 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

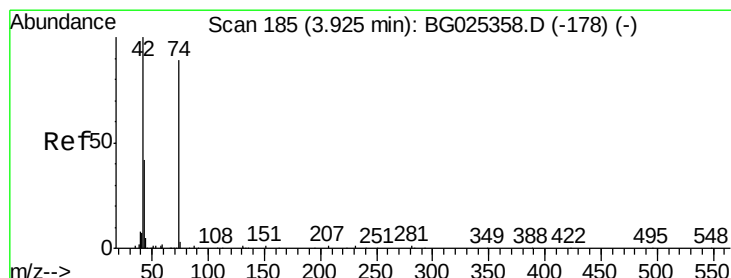
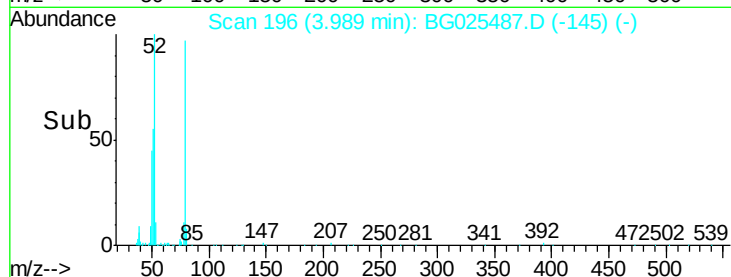
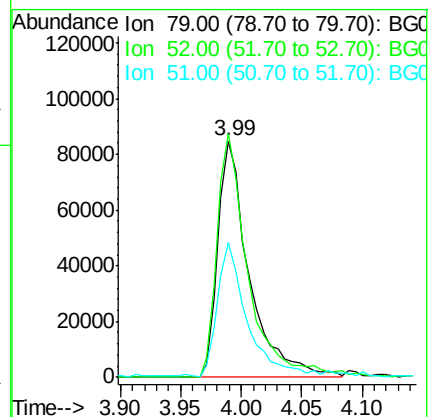
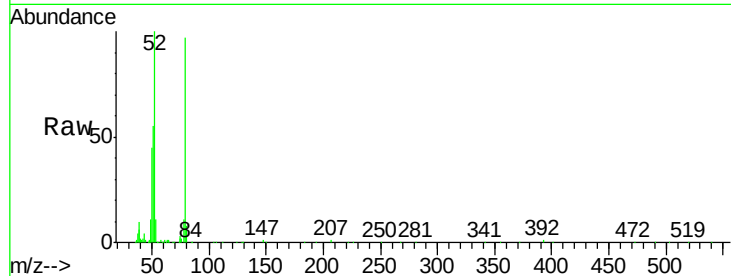
Tgt Ion: 79 Resp: 151973

Ion Ratio Lower Upper

79 100

52 103.0 77.8 116.6

51 57.1 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 45.77 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

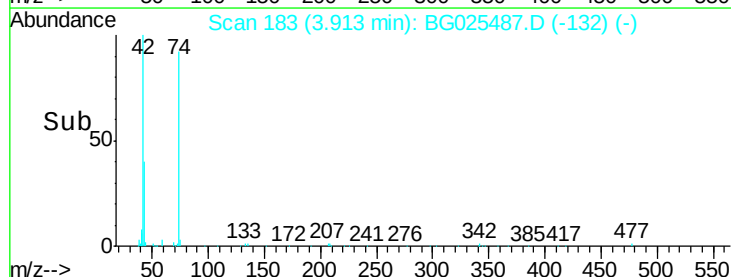
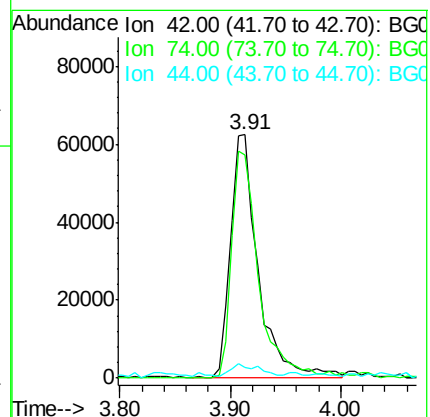
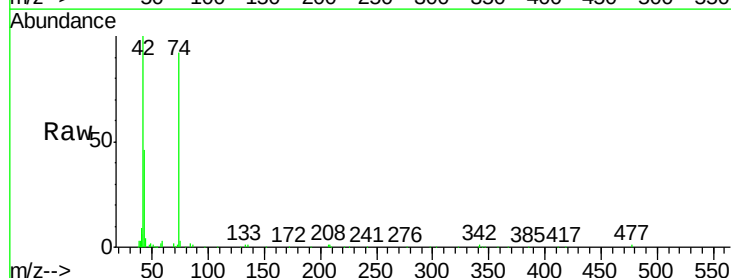
Tgt Ion: 42 Resp: 111040

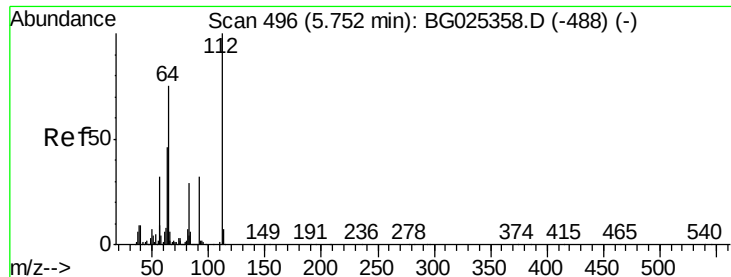
Ion Ratio Lower Upper

42 100

74 91.6 76.7 115.1

44 4.2 6.1 9.1#





#5

2-Fluorophenol

Concen: 146.91 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

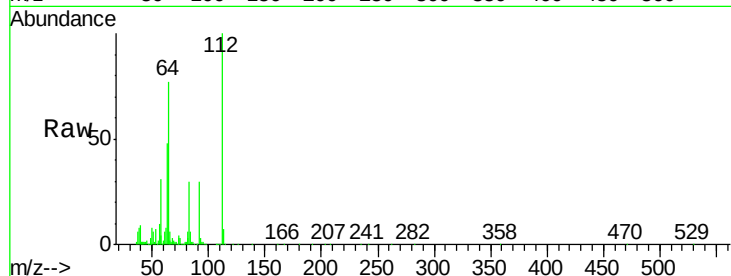
Instrument :

BNA_G

ClientSampleId :

PB95941BS

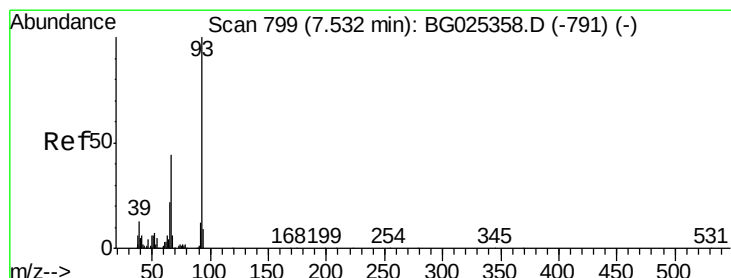
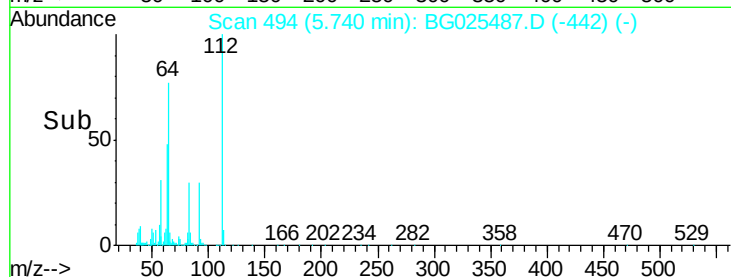
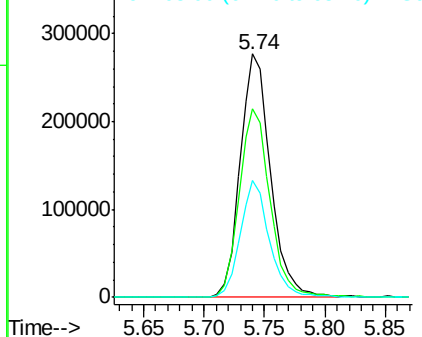
Tgt Ion:	112	Resp:	485437
Ion	Ratio	Lower	Upper
112	100		
64	77.4	61.8	92.6
63	48.1	37.2	55.8



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: 17.63 ng

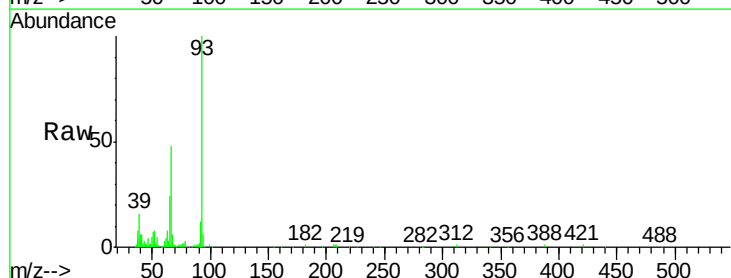
RT: 7.53 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

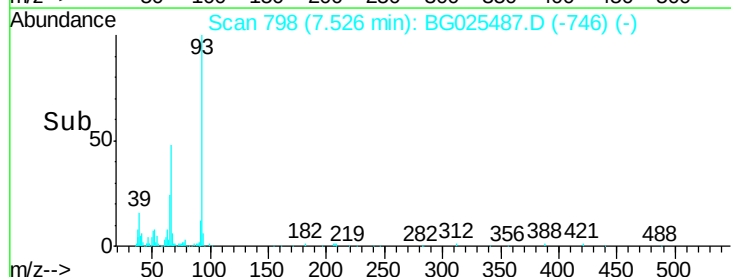
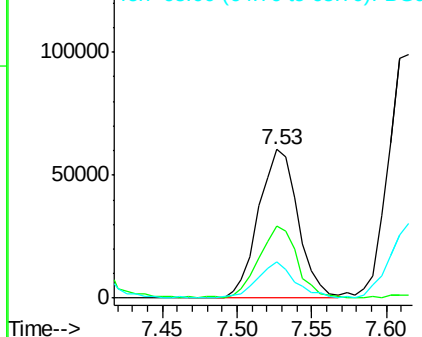
Tgt Ion:	93	Resp:	111199
Ion	Ratio	Lower	Upper
93	100		
66	48.4	35.4	53.2
65	24.3	21.2	31.8

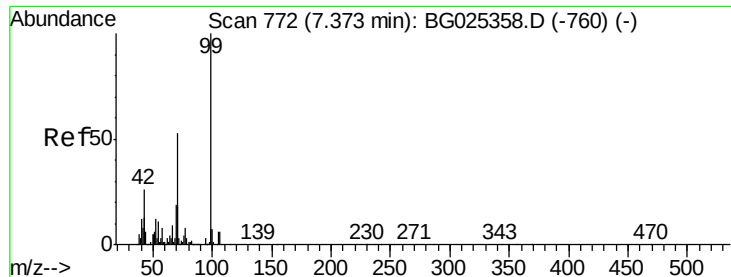


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.26 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

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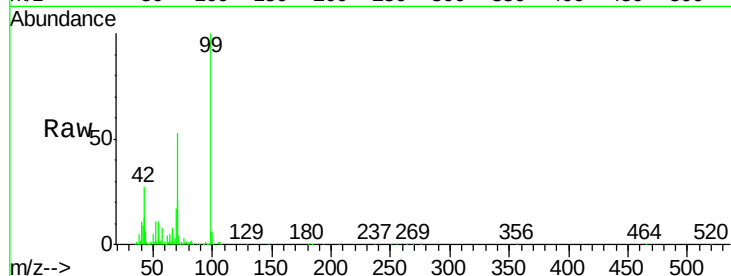
Tgt Ion: 99 Resp: 694596

Ion Ratio Lower Upper

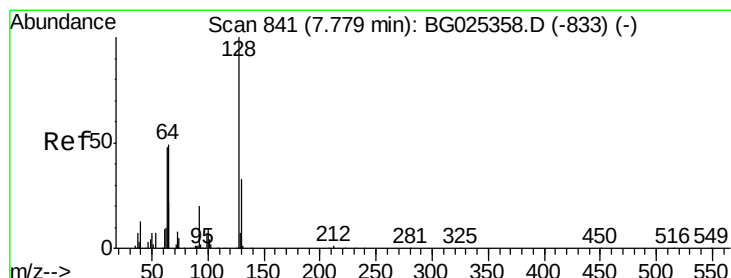
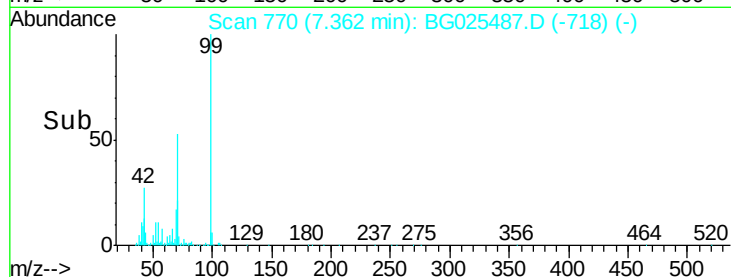
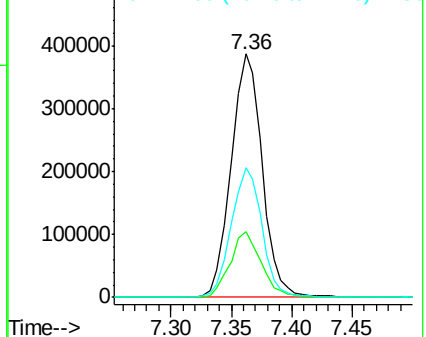
99 100

42 26.9 20.5 30.7

71 53.3 37.6 56.4



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



#8

2-Chlorophenol

Concen: 45.65 ng

RT: 7.77 min Scan# 839

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

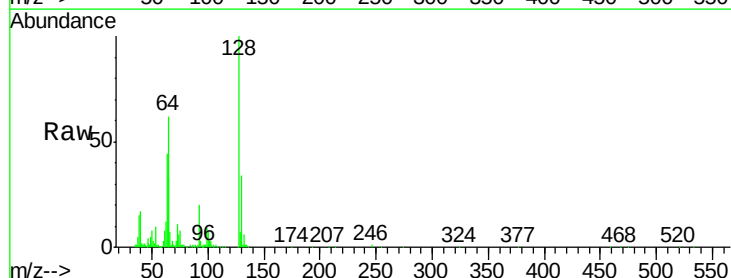
Tgt Ion: 128 Resp: 170161

Ion Ratio Lower Upper

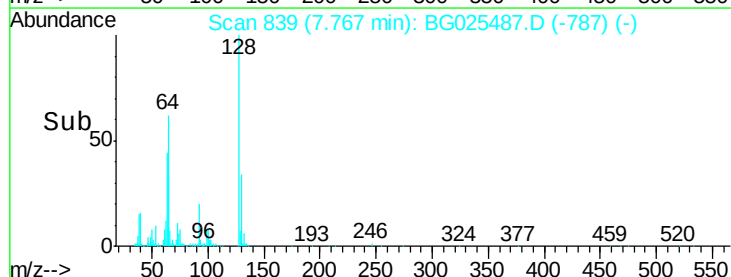
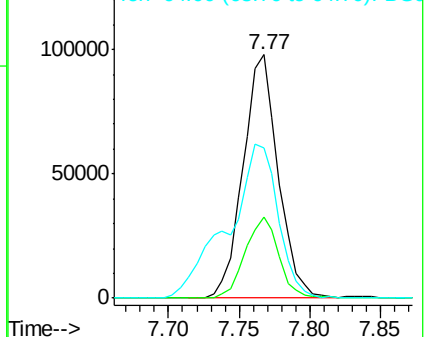
128 100

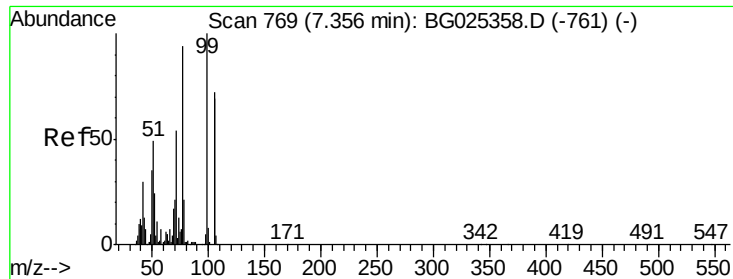
130 33.5 11.4 51.4

64 61.7 46.6 86.6



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





#9

Benzaldehyde

Concen: 4.88 ng

RT: 7.35 min Scan# 768

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

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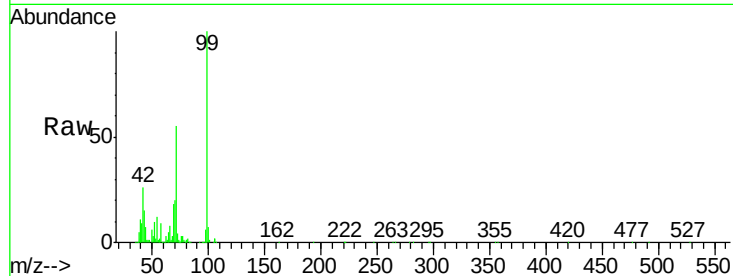
Tgt Ion: 77 Resp: 16623

Ion Ratio Lower Upper

77 100

105 63.0 60.9 100.9

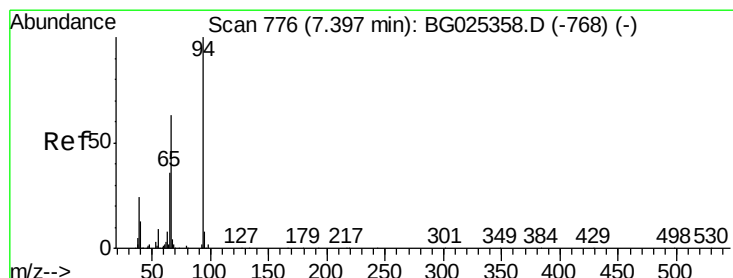
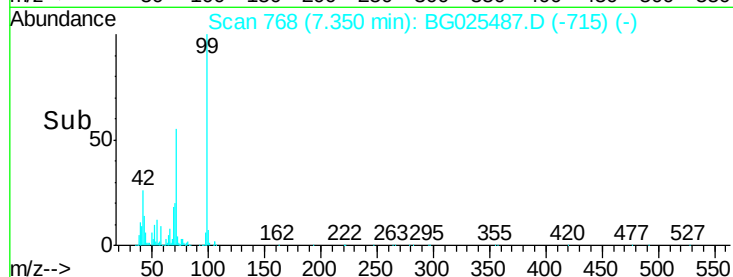
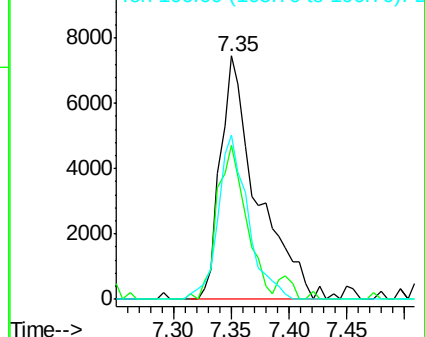
106 67.3 55.1 95.1



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: 48.01 ng

RT: 7.39 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

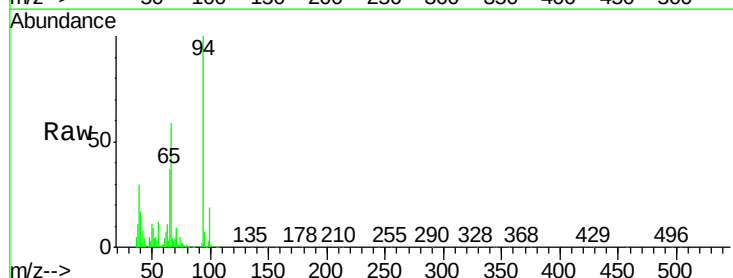
Tgt Ion: 94 Resp: 247666

Ion Ratio Lower Upper

94 100

65 36.6 20.6 60.6

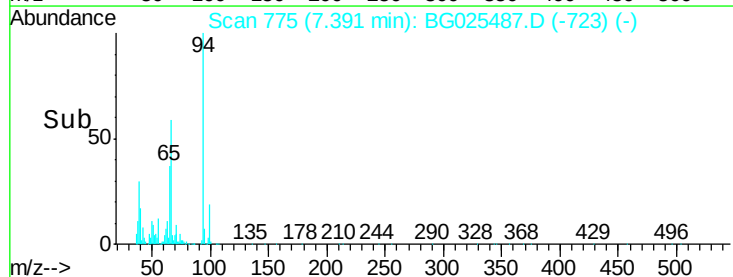
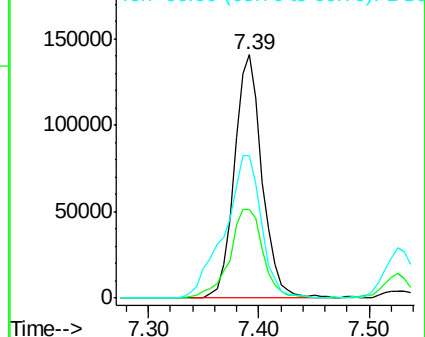
66 58.6 35.5 75.5

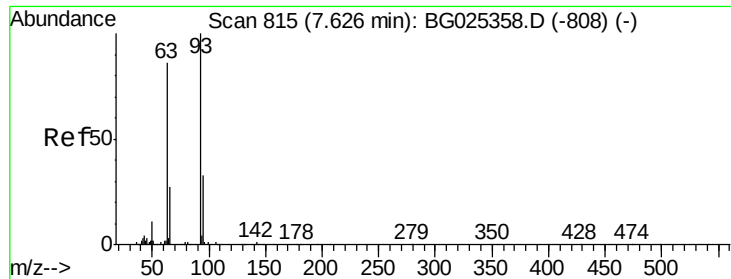


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

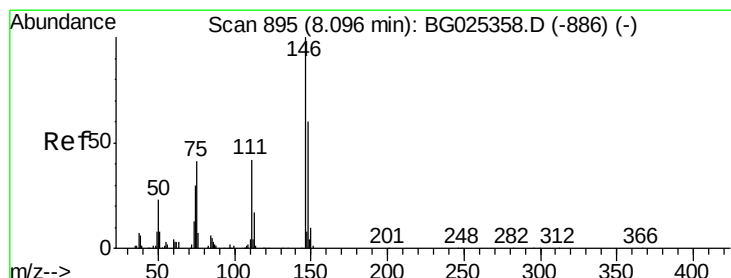
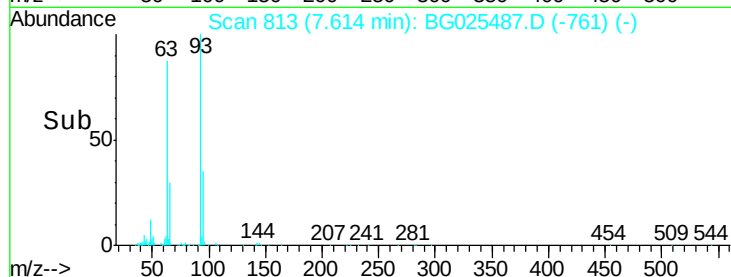
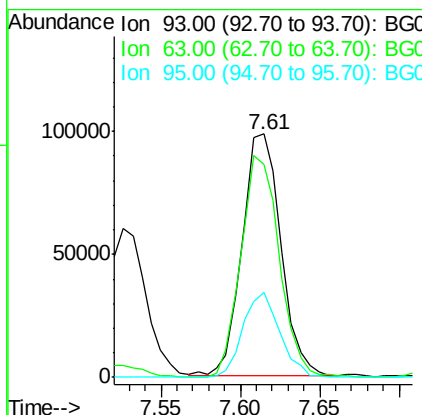
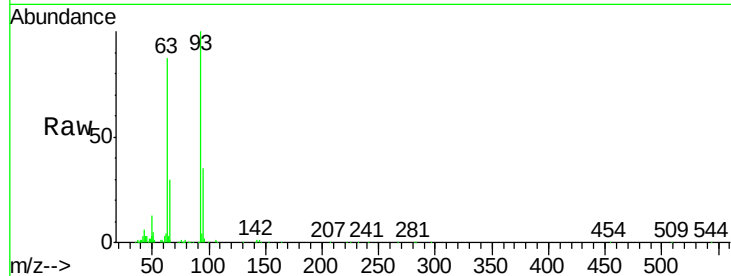




#11
 bis(2-Chloroethyl)ether
 Concen: 42.00 ng
 RT: 7.61 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

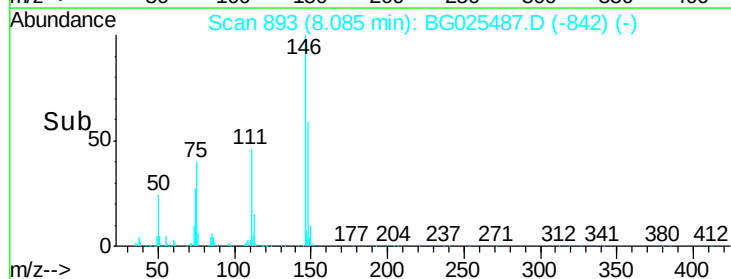
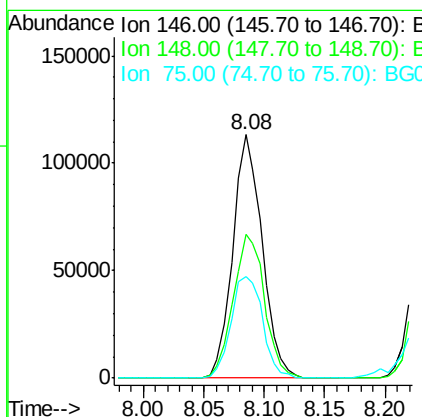
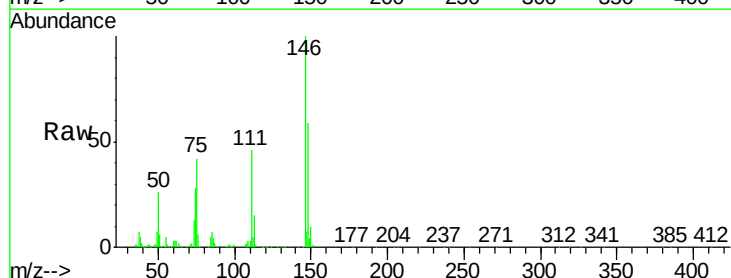
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

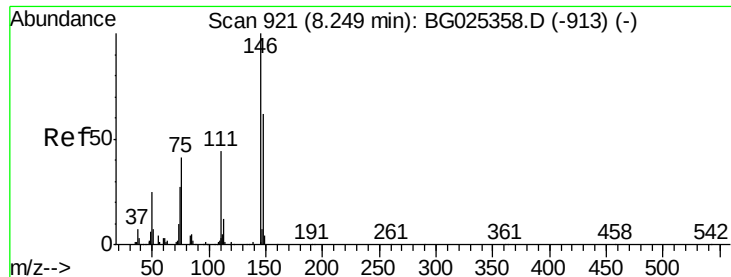
Tgt Ion: 93 Resp: 166957
 Ion Ratio Lower Upper
 93 100
 63 87.3 78.5 118.5
 95 34.8 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 42.60 ng
 RT: 8.08 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion: 146 Resp: 192168
 Ion Ratio Lower Upper
 146 100
 148 59.3 49.2 73.8
 75 41.7 33.4 50.2

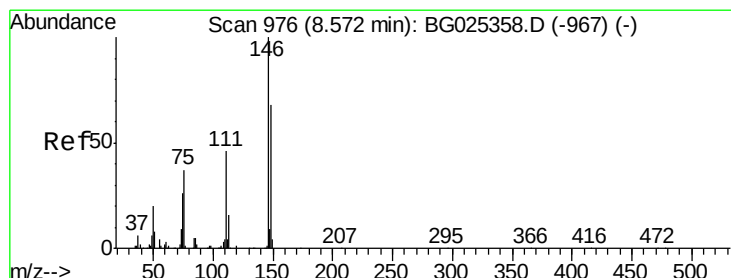
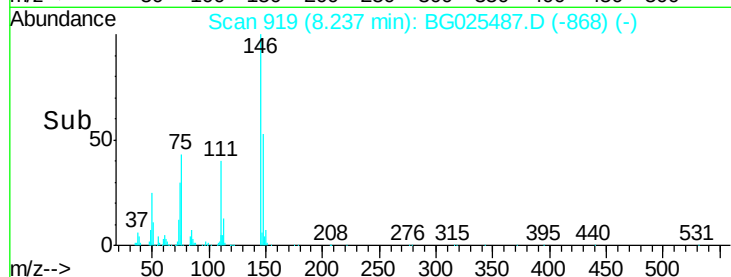
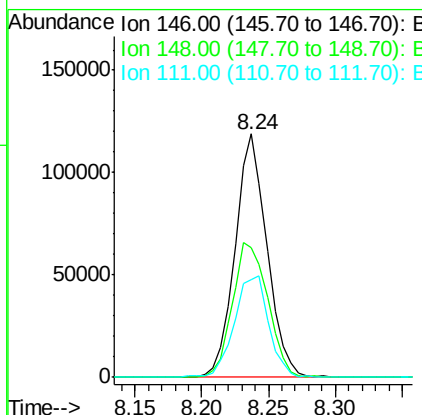
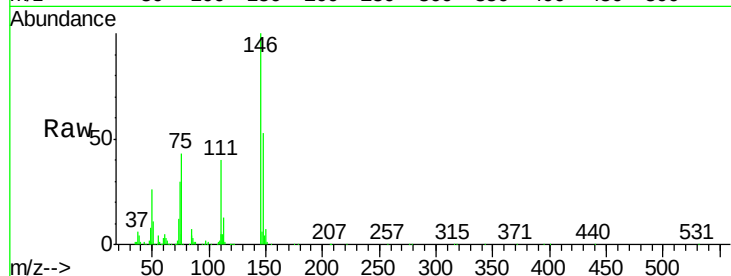




#13
 1,4-Dichlorobenzene
 Concen: 41.99 ng
 RT: 8.24 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

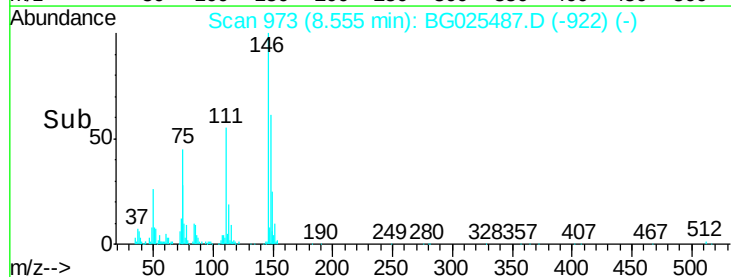
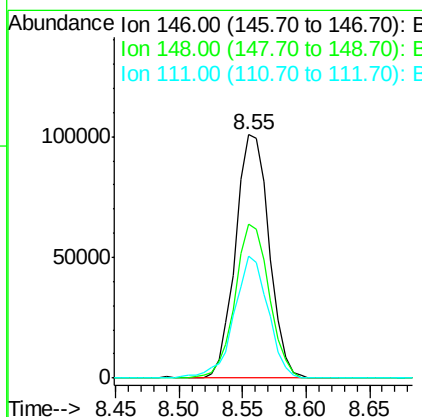
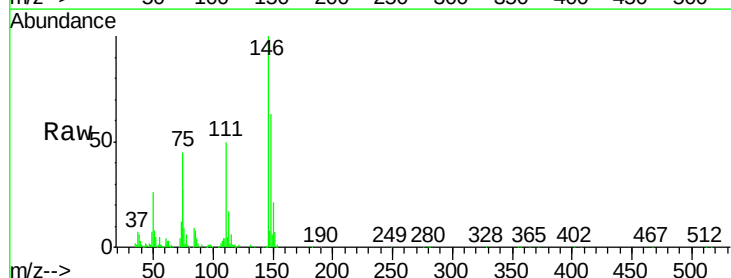
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

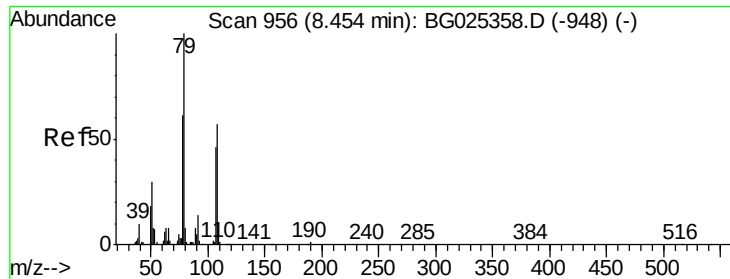
Tgt Ion	Ratio	Lower	Upper
146	100		
148	53.3	52.2	78.2
111	40.1	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 41.59 ng
 RT: 8.55 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	54.6	81.8
111	50.3	39.7	59.5





#15

Benzyl Alcohol

Concen: 42.41 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

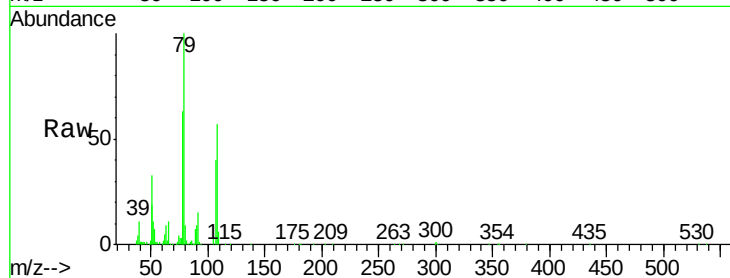
Tgt Ion: 79 Resp: 188412

Ion Ratio Lower Upper

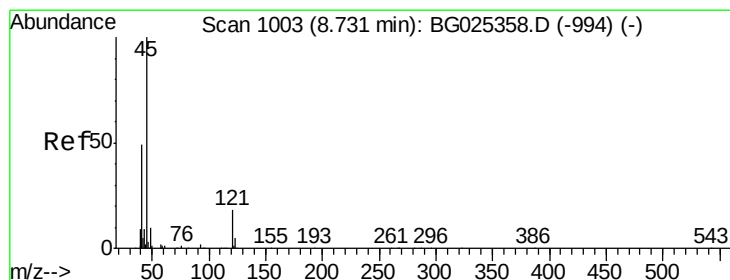
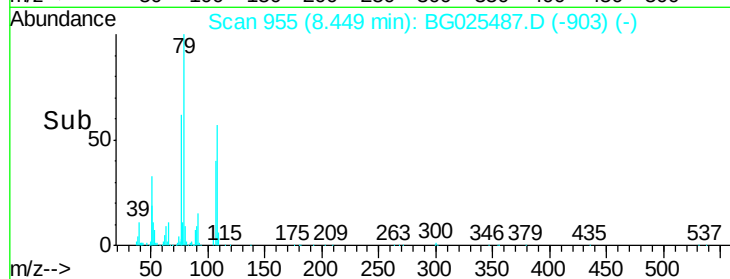
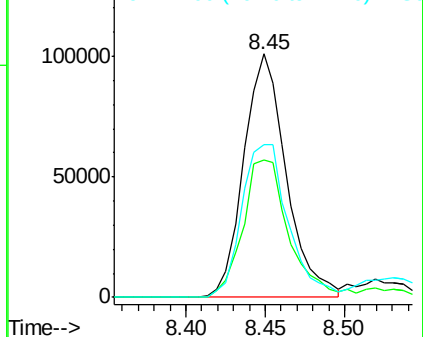
79 100

108 56.6 45.5 68.3

77 62.6 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: 42.69 ng

RT: 8.72 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

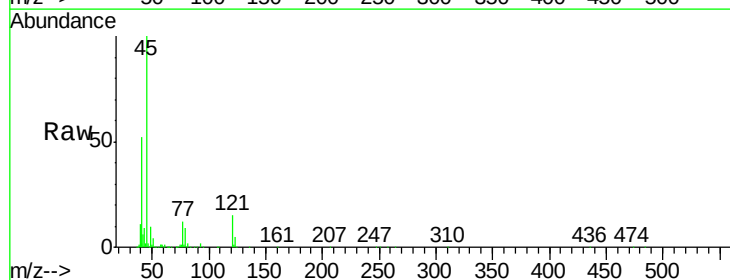
Tgt Ion: 45 Resp: 314255

Ion Ratio Lower Upper

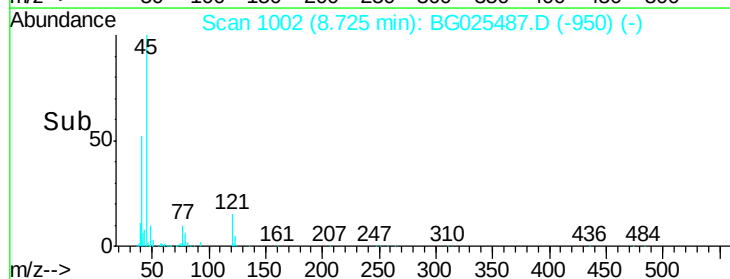
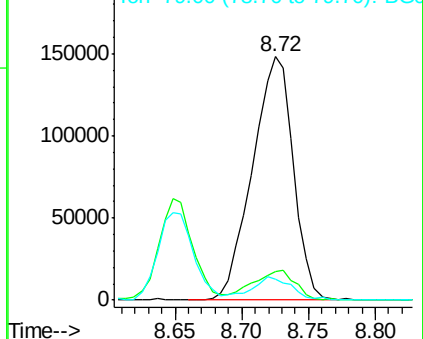
45 100

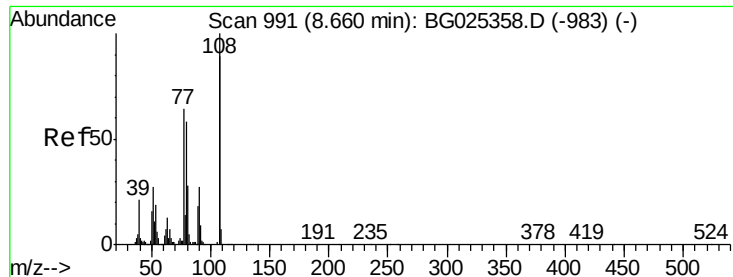
77 11.7 0.0 30.6

79 8.8 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

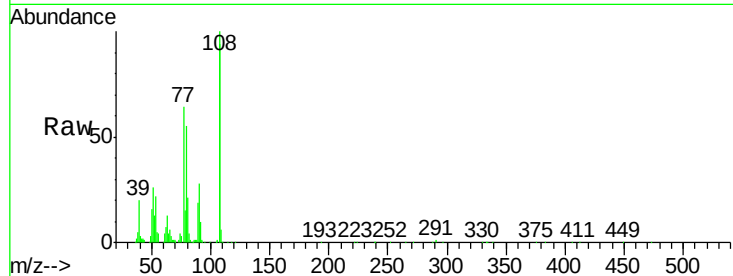




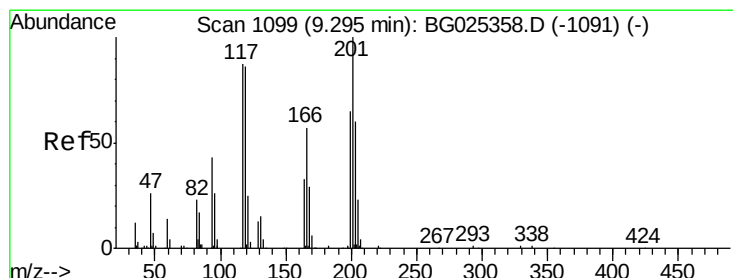
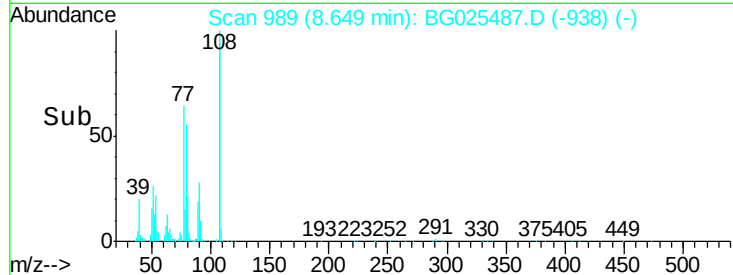
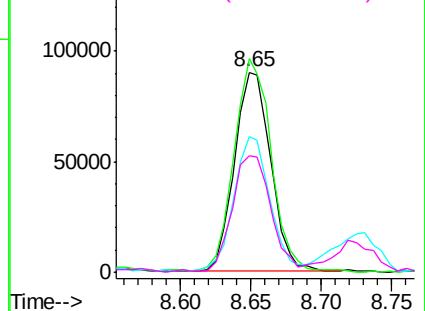
#17
2-Methylphenol
Concen: 47.68 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Instrument :
BNA_G
ClientSampleId :
PB95941BS

Tgt Ion:	107	Resp:	161526
Ion	Ratio	Lower	Upper
107	100		
108	106.9	85.6	128.4
77	68.1	51.4	77.2
79	58.5	49.2	73.8

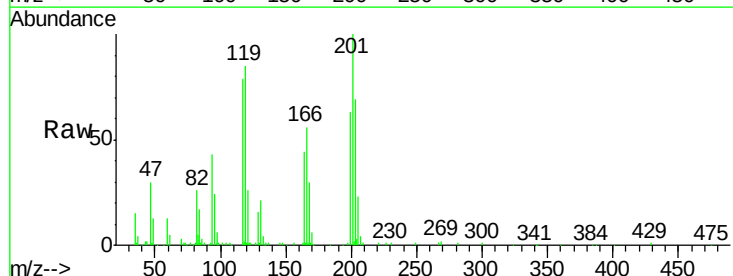


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

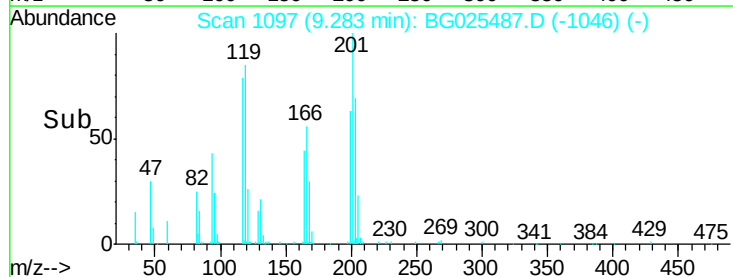
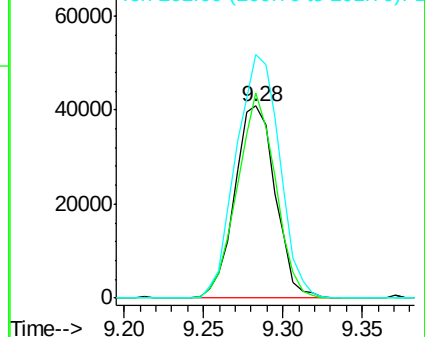


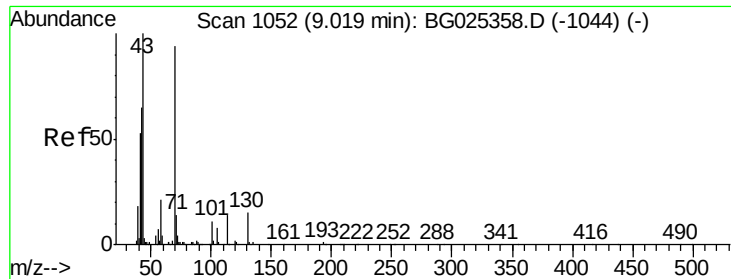
#18
Hexachloroethane
Concen: 40.39 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion:	117	Resp:	72513
Ion	Ratio	Lower	Upper
117	100		
119	107.1	69.8	104.6#
201	126.7	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

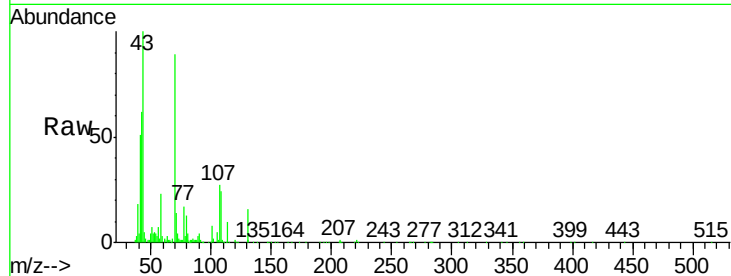




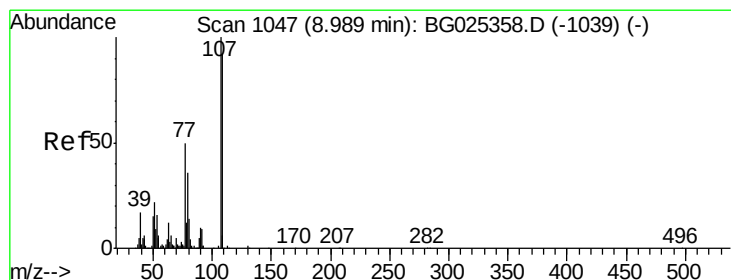
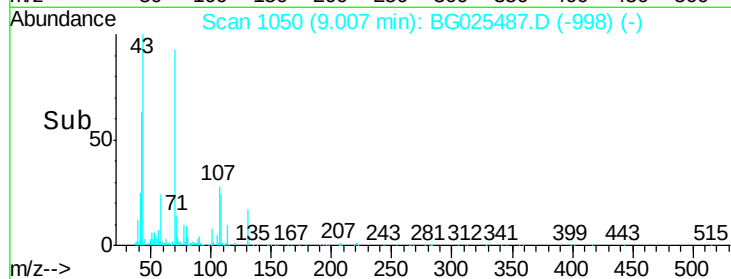
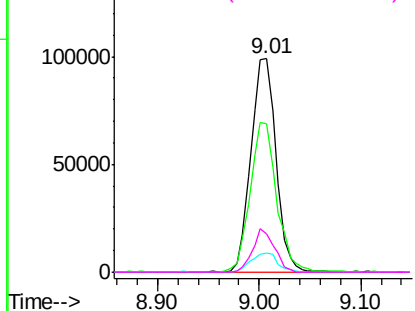
#19
n-Nitroso-di-n-propylamine
Concen: 43.36 ng
RT: 9.01 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Instrument :
BNA_G
ClientSampleId :
PB95941BS

Tgt Ion:	70	Resp:	170448
Ion	Ratio	Lower	Upper
70	100		
42	69.7	56.1	84.1
101	8.9	7.5	11.3
130	17.9	14.6	21.8

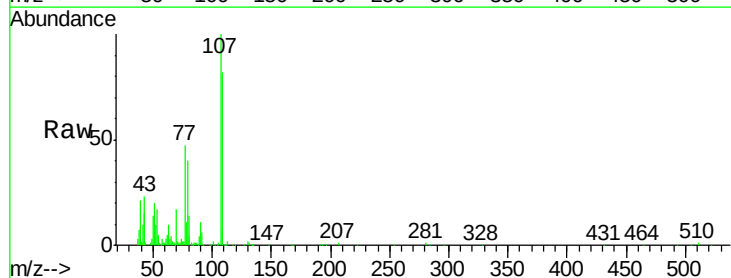


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

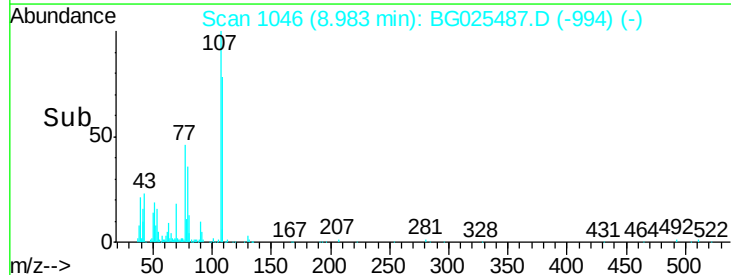
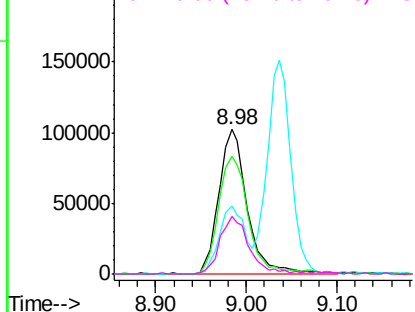


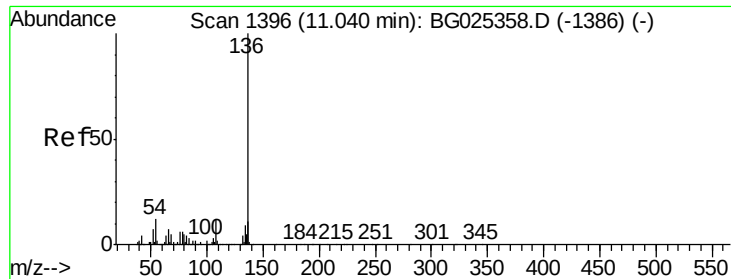
#20
3+4-Methylphenols
Concen: 47.00 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion:	107	Resp:	220352
Ion	Ratio	Lower	Upper
107	100		
108	81.9	70.8	110.8
77	47.3	25.8	65.8
79	39.8	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

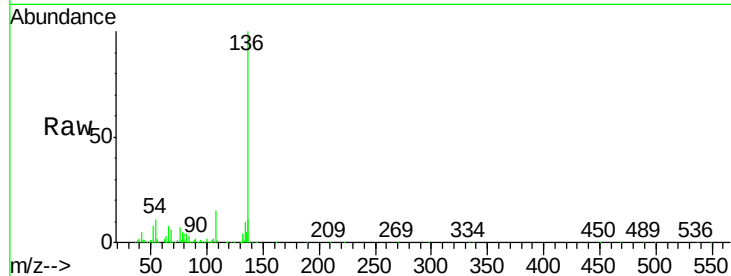




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Instrument :
BNA_G
ClientSampleId :
PB95941BS

Tgt Ion:	136	Resp:	231471
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.0	9.3	13.9
68	5.8	5.1	7.7



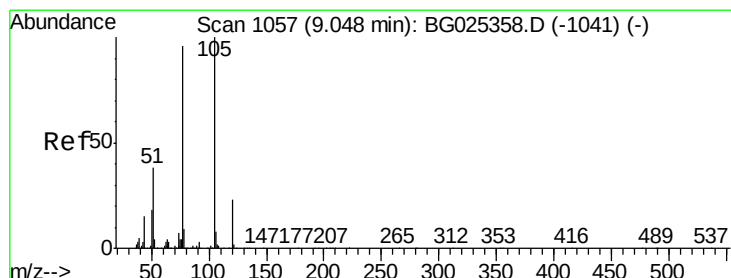
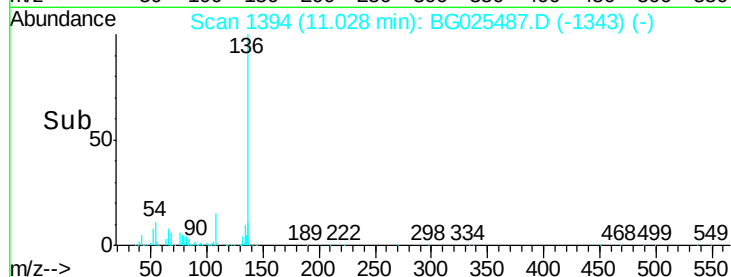
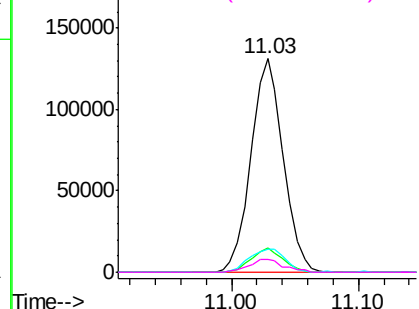
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

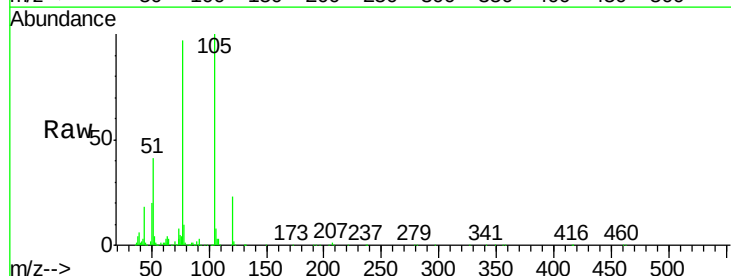
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.55 ng
RT: 9.04 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion:	105	Resp:	286498
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.9	1.3#
51	40.7	34.0	51.0
120	22.9	17.3	25.9



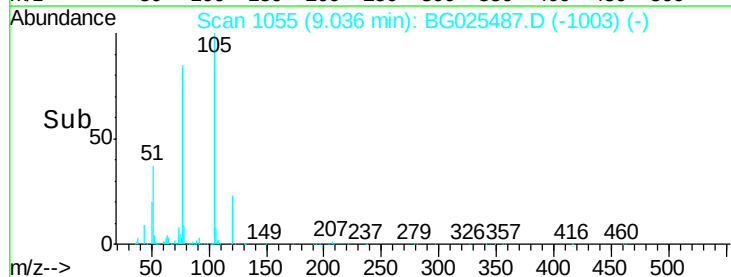
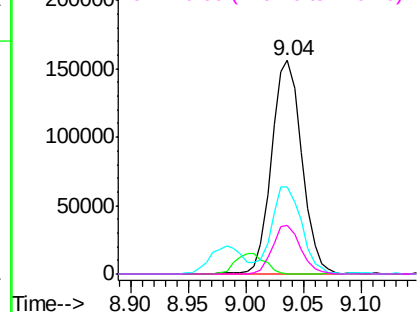
Abundance

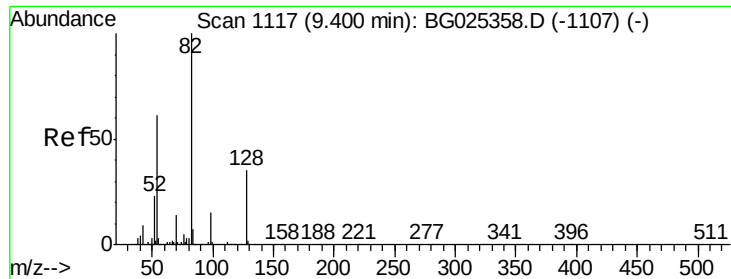
Ion 105.00 (104.70 to 105.70): E

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

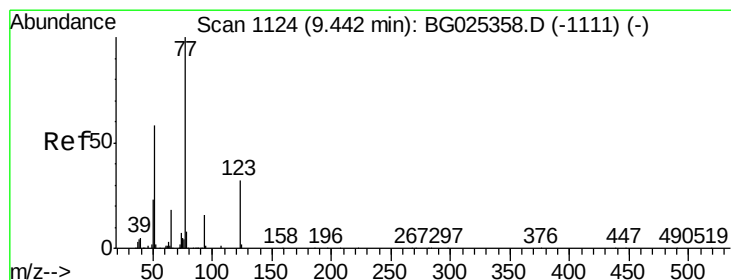
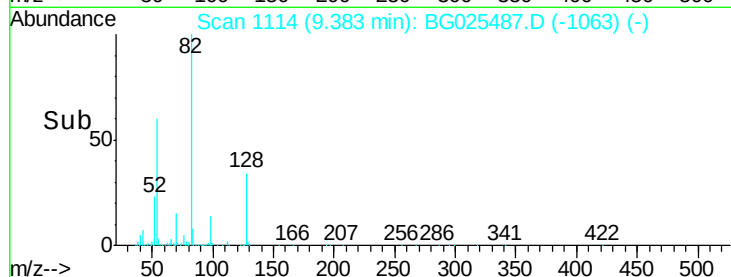
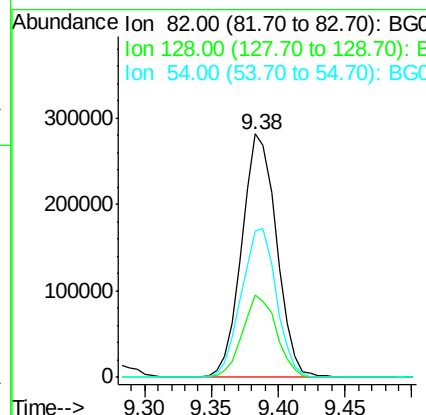
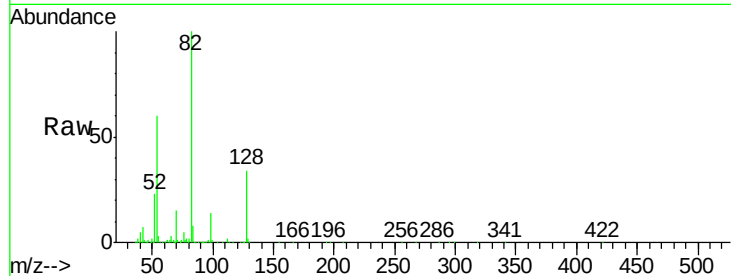




#23
 Nitrobenzene-d5
 Concen: 97.00 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

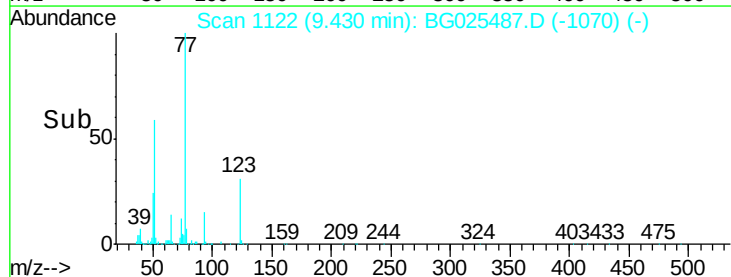
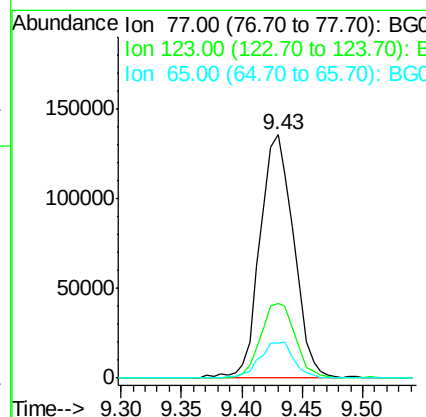
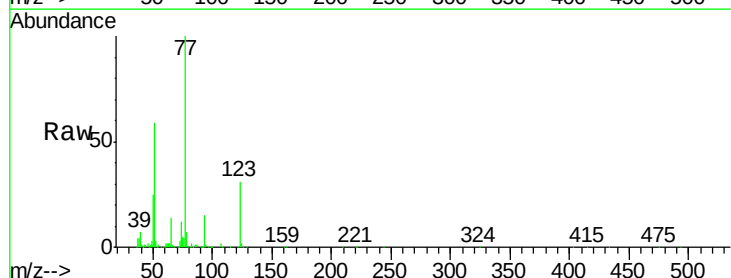
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

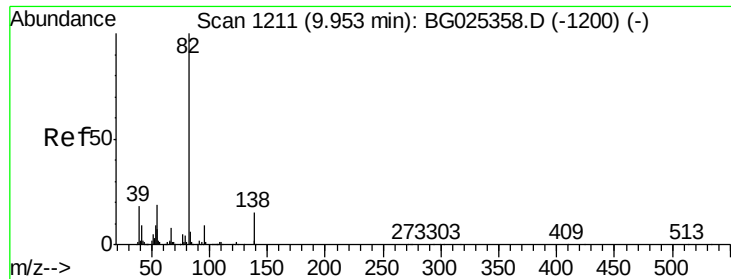
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.4	39.6
54	59.9	49.4	74.2



#24
 Nitrobenzene
 Concen: 45.58 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.7	26.1	39.1
65	14.2	12.4	18.6





#25

Isophorone

Concen: 47.03 ng

RT: 9.94 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

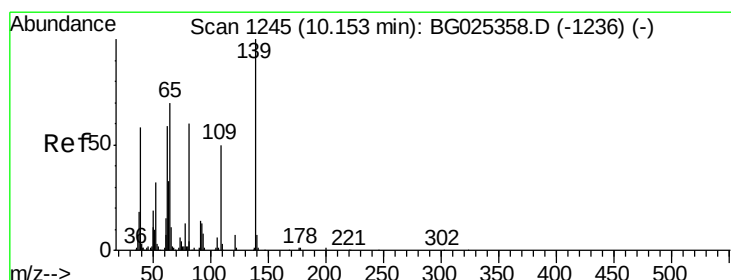
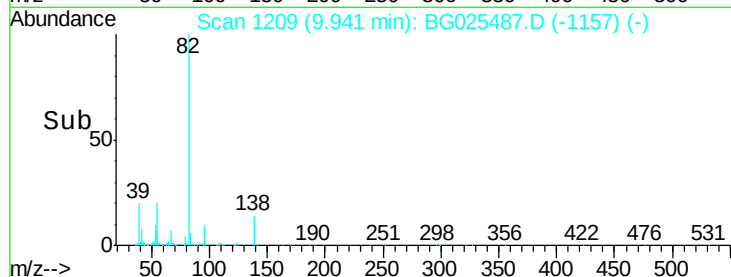
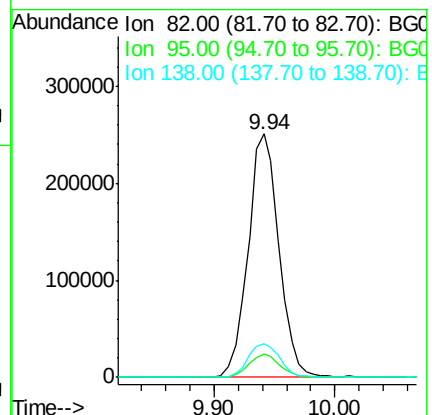
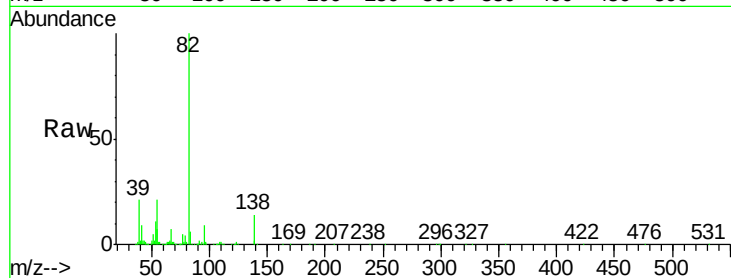
Tgt Ion: 82 Resp: 446154

Ion Ratio Lower Upper

82 100

95 9.4 7.5 11.3

138 13.8 12.3 18.5



#26

2-Nitrophenol

Concen: 47.27 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

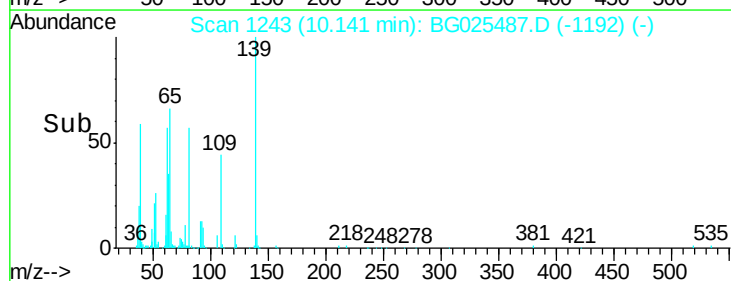
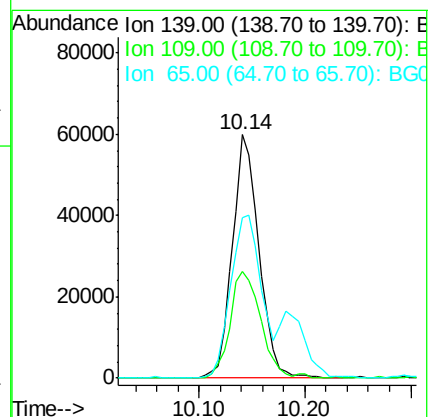
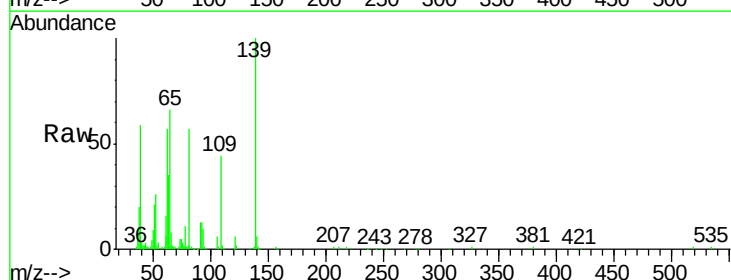
Tgt Ion: 139 Resp: 103904

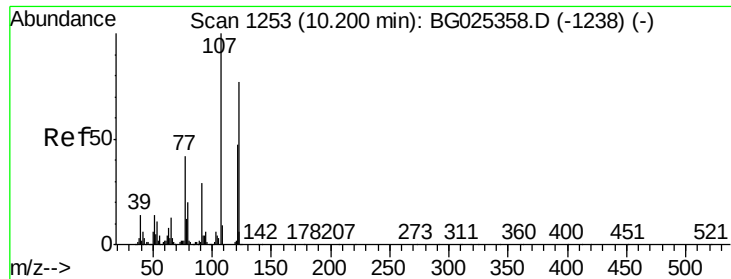
Ion Ratio Lower Upper

139 100

109 44.0 38.6 58.0

65 65.8 57.1 85.7

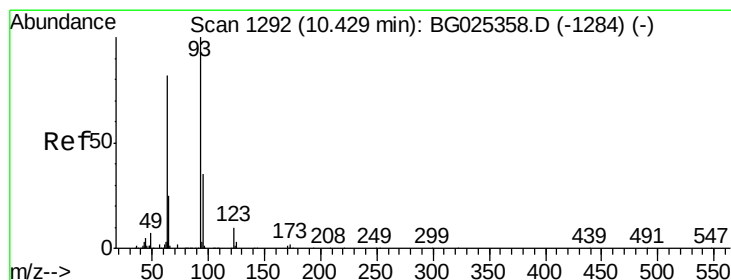
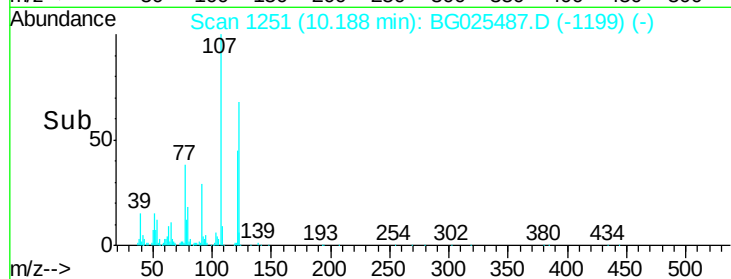
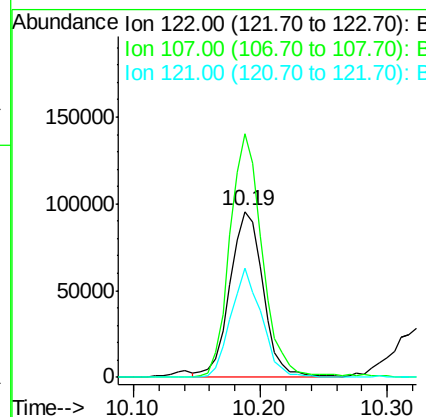
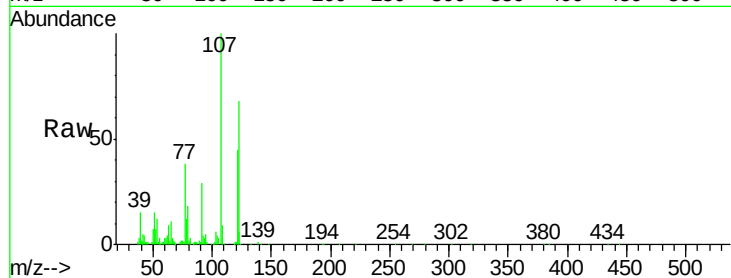




#27
 2,4-Dimethylphenol
 Concen: 47.46 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

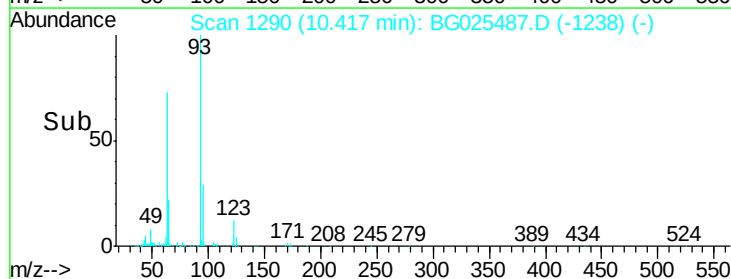
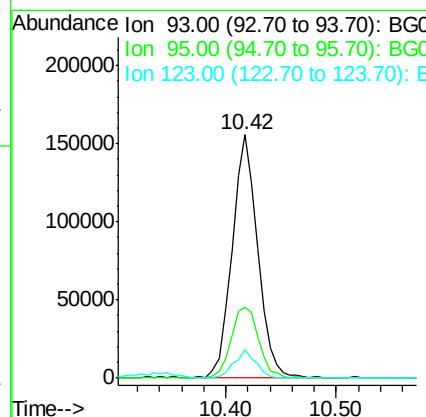
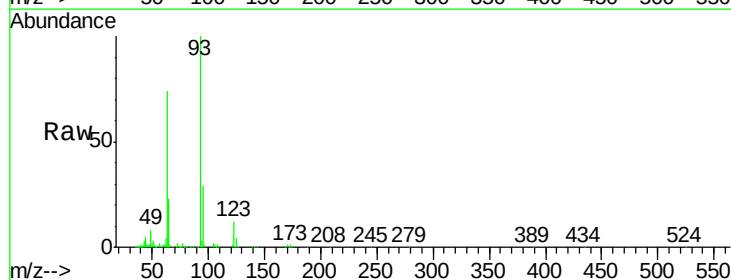
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

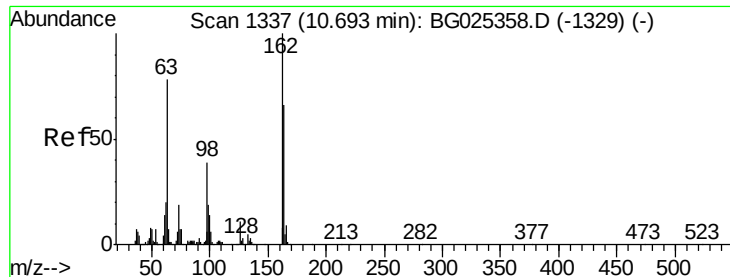
Tgt Ion	Ratio	Lower	Upper
122	100		
107	147.1	104.2	156.4
121	65.9	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.60 ng
 RT: 10.42 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.1	25.7	38.5
123	11.7	8.3	12.5

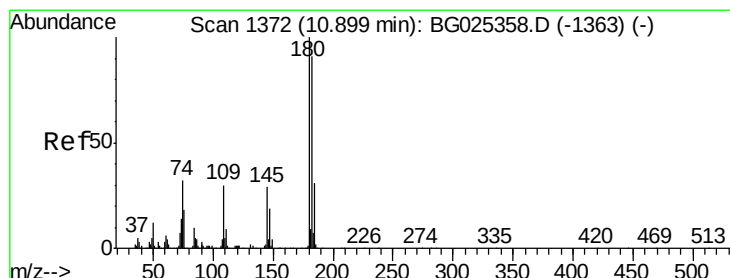
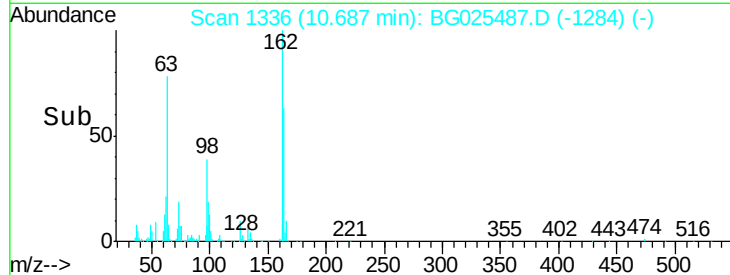
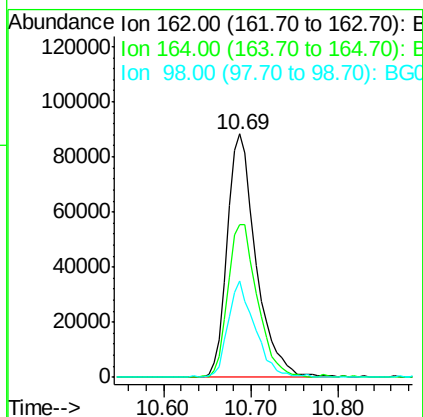
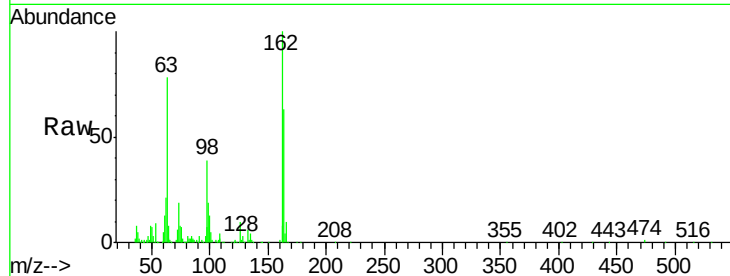




#29
 2,4-Dichlorophenol
 Concen: 51.34 ng
 RT: 10.69 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

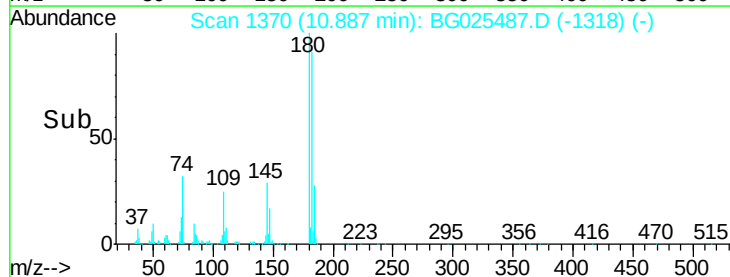
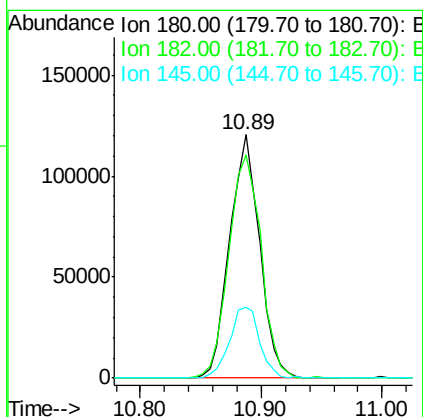
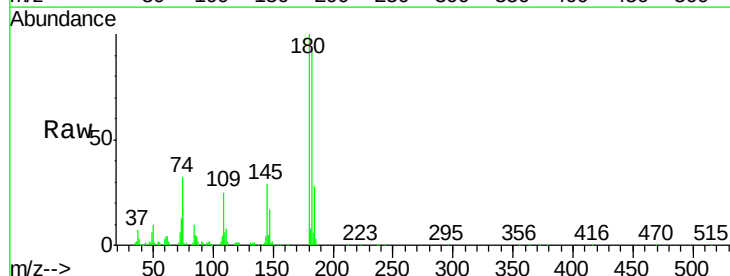
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

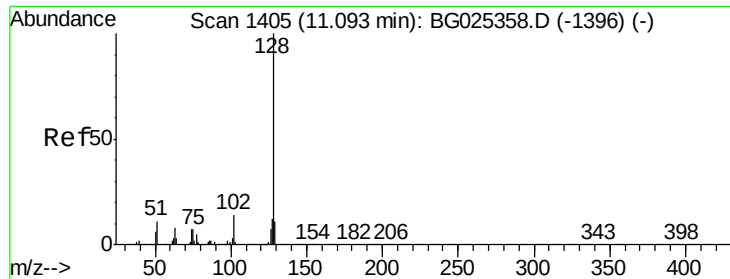
Tgt Ion:	162	Resp:	198518
Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.4	82.4
98	39.4	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.62 ng
 RT: 10.89 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion:	180	Resp:	208446
Ion	Ratio	Lower	Upper
180	100		
182	91.6	77.0	115.4
145	29.1	23.4	35.0

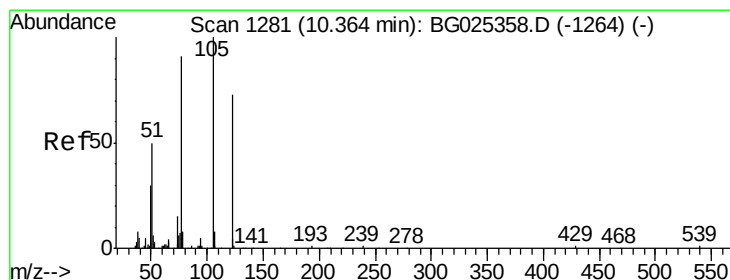
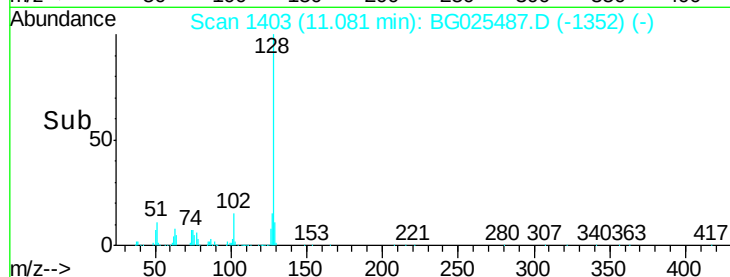
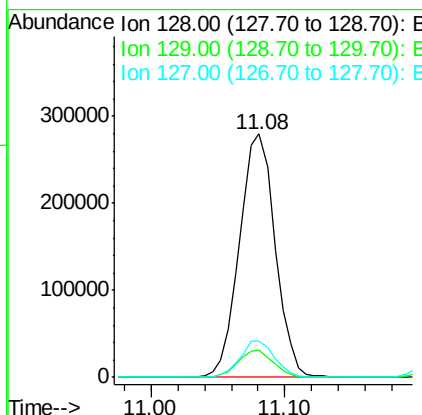
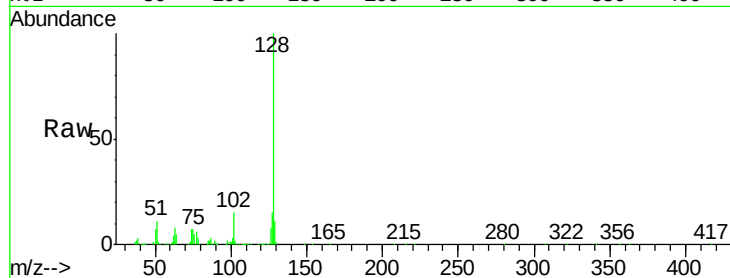




#31
Naphthalene
Concen: 44.74 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

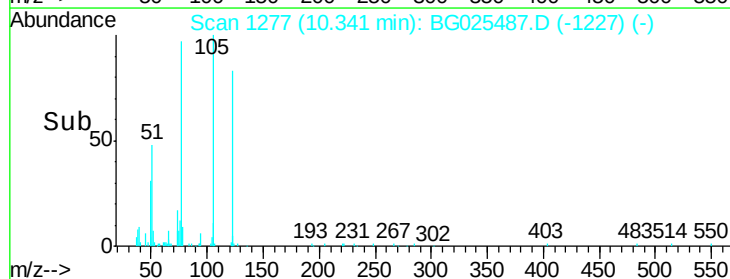
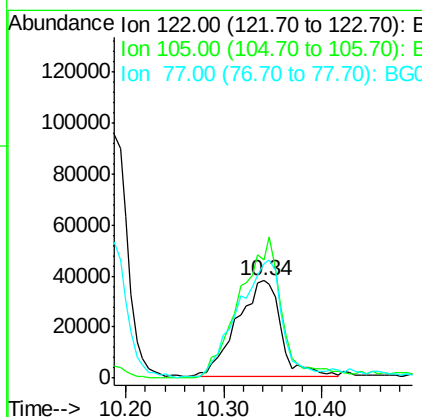
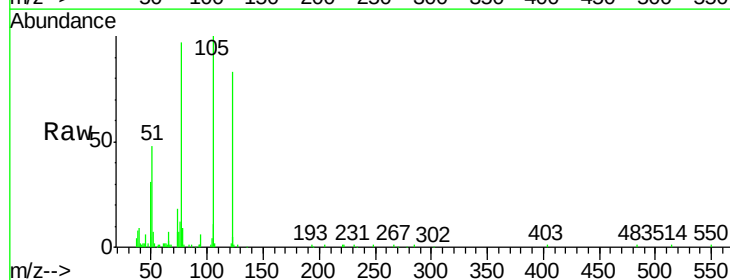
Instrument :
BNA_G
ClientSampleId :
PB95941BS

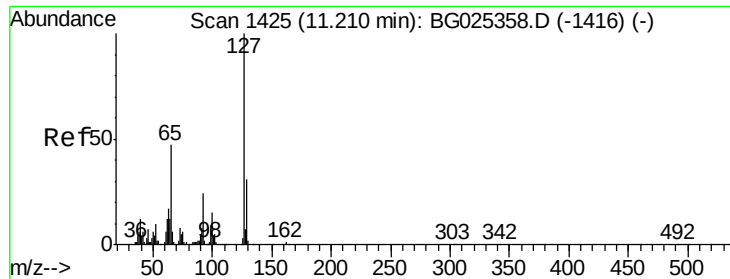
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.8	11.4	17.0



#32
Benzoic acid
Concen: 41.16 ng
RT: 10.34 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	120.1	160.1
77	117.8	104.6	144.6

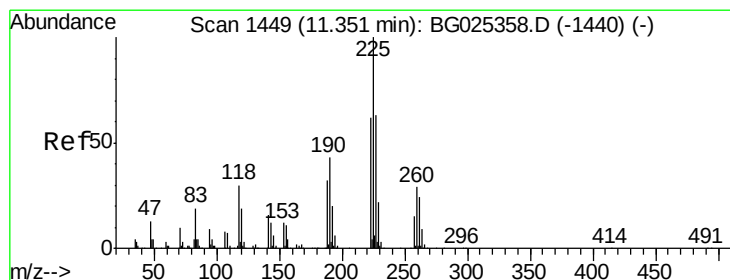
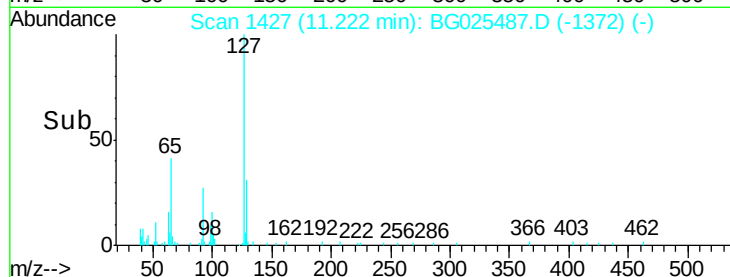
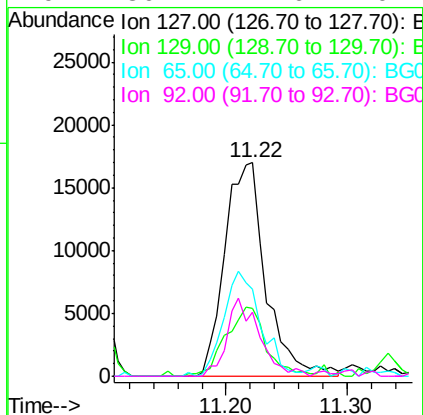
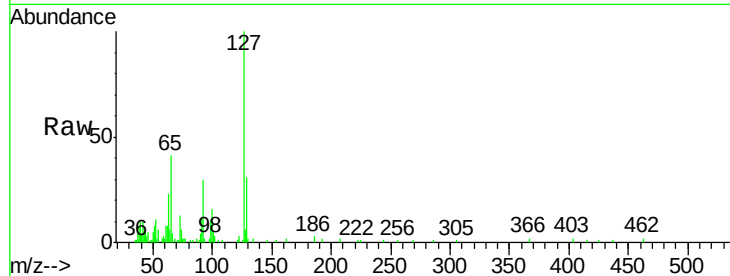




#33
4-Chloroaniline
Concen: 8.23 ng
RT: 11.22 min Scan# 1427
Delta R.T. 0.02 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

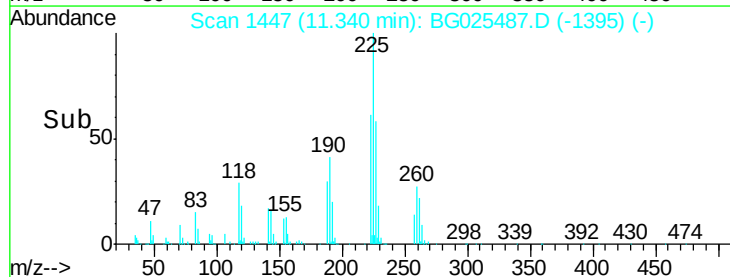
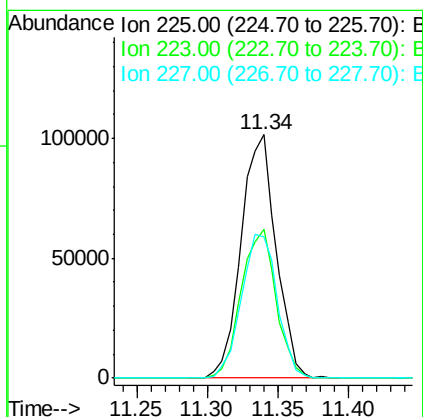
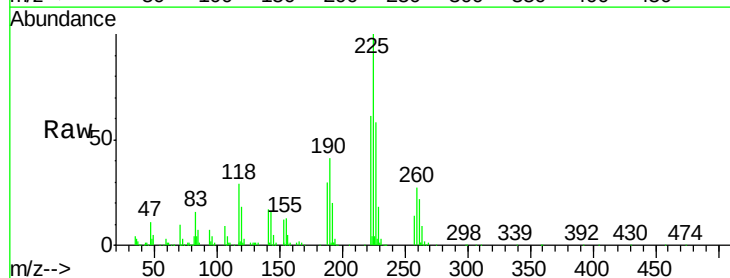
Instrument :
BNA_G
ClientSampleId :
PB95941BS

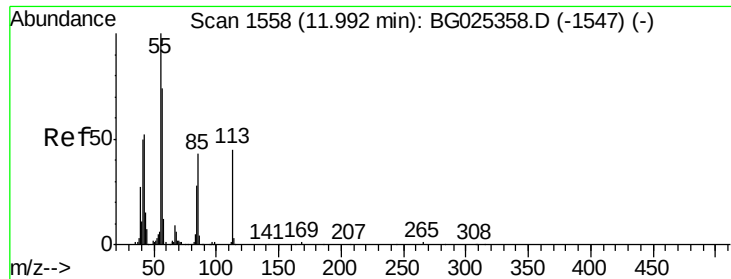
Tgt Ion:	127	Resp:	40022
Ion	Ratio	Lower	Upper
127	100		
129	31.5	23.6	35.4
65	41.0	37.7	56.5
92	30.2	17.6	26.4



#34
Hexachlorobutadiene
Concen: 46.08 ng
RT: 11.34 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion:	225	Resp:	175705
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.7	76.1
227	58.2	49.0	73.6





#35

Caprolactam

Concen: 27.28 ng

RT: 11.97 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

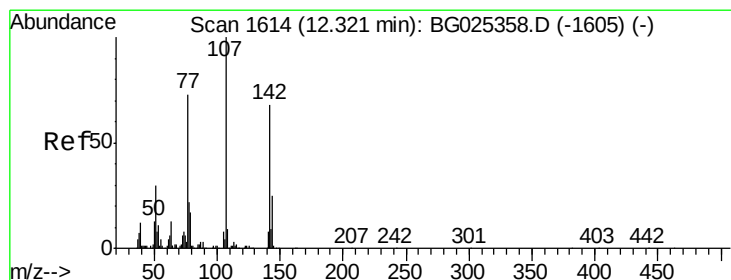
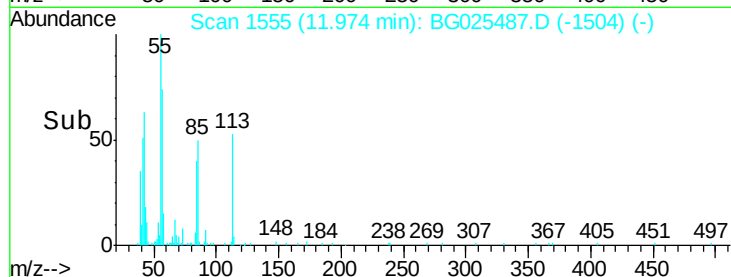
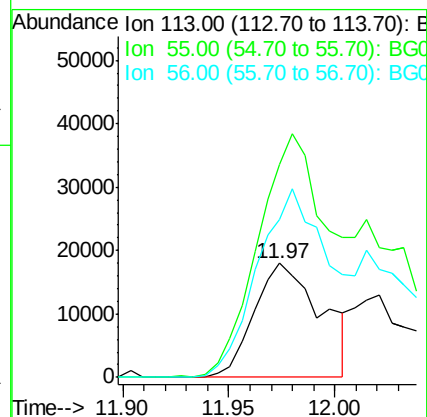
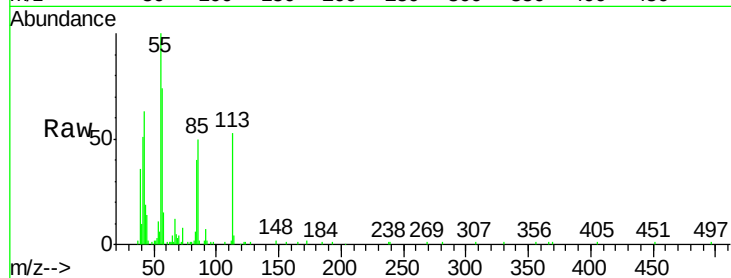
Tgt Ion:113 Resp: 39632

Ion Ratio Lower Upper

113 100

55 187.4 198.6 238.6#

56 138.7 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 48.64 ng

RT: 12.31 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

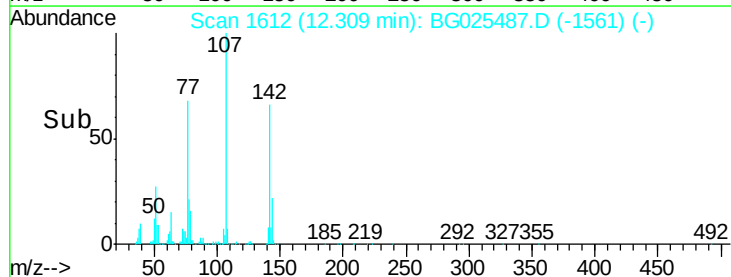
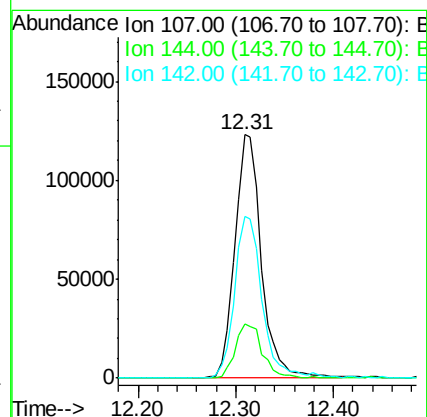
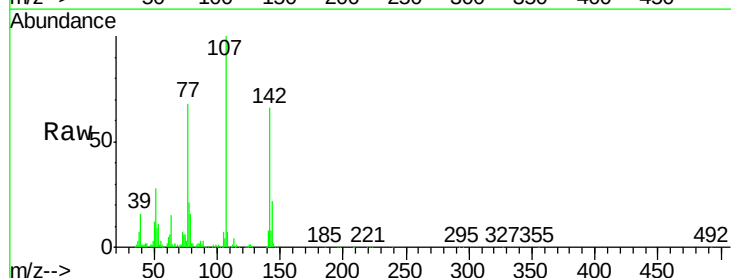
Tgt Ion:107 Resp: 232151

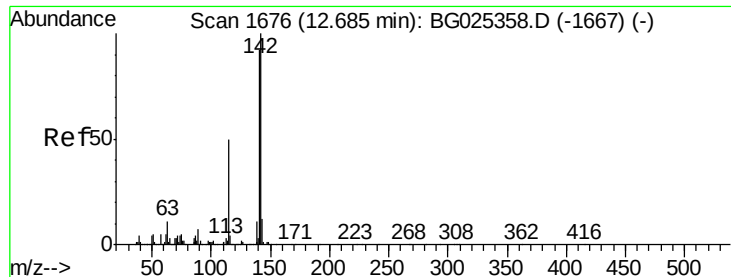
Ion Ratio Lower Upper

107 100

144 22.2 17.4 26.0

142 66.3 54.1 81.1

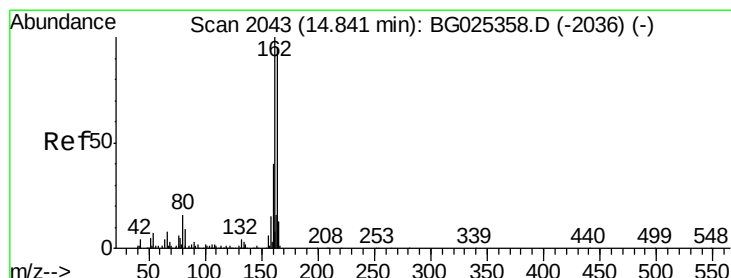
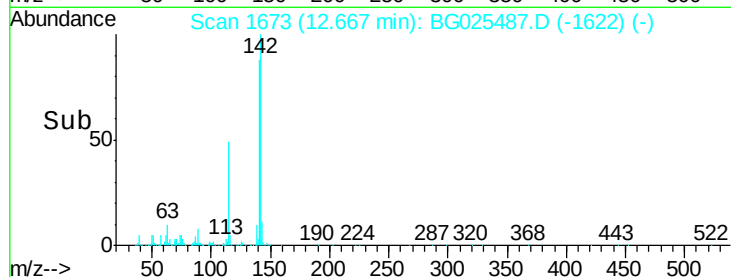
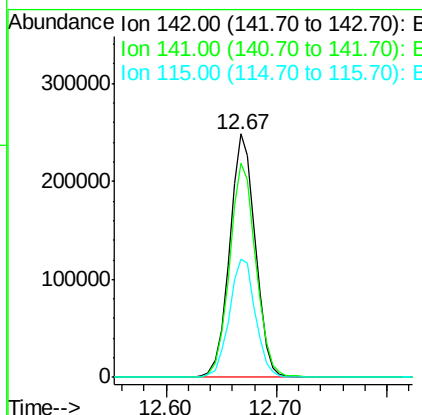
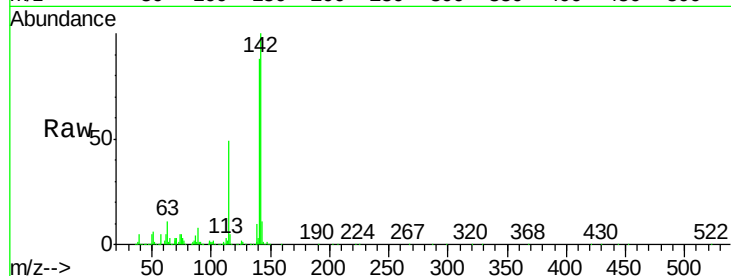




#37
2-Methylnaphthalene
Concen: 47.22 ng
RT: 12.67 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

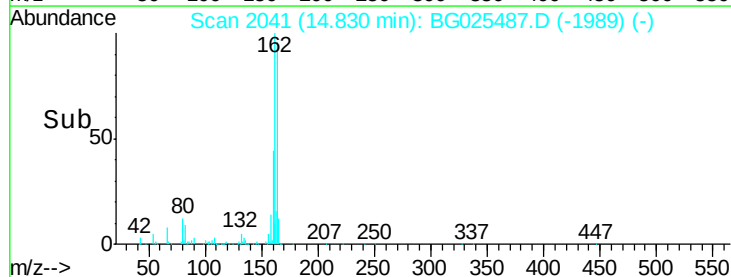
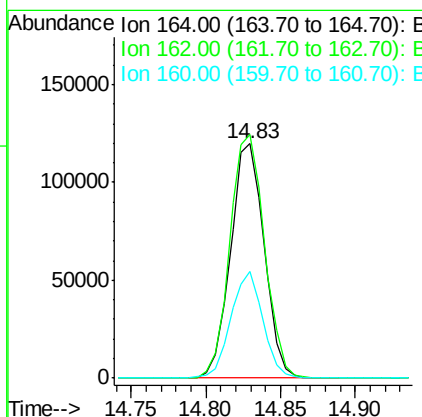
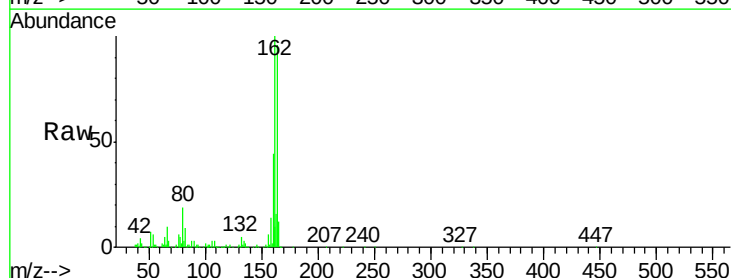
Instrument :
BNA_G
ClientSampleId :
PB95941BS

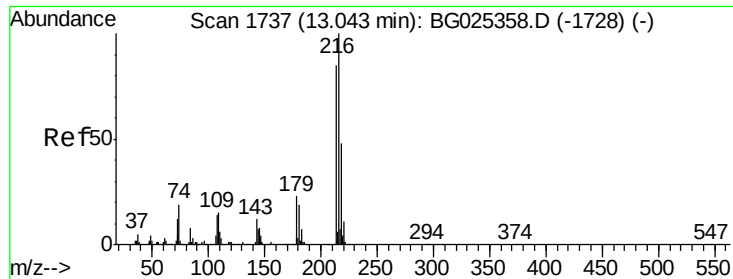
Tgt Ion:142 Resp: 404512
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6
115 48.5 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion:164 Resp: 187770
Ion Ratio Lower Upper
164 100
162 103.8 85.1 127.7
160 45.4 34.7 52.1

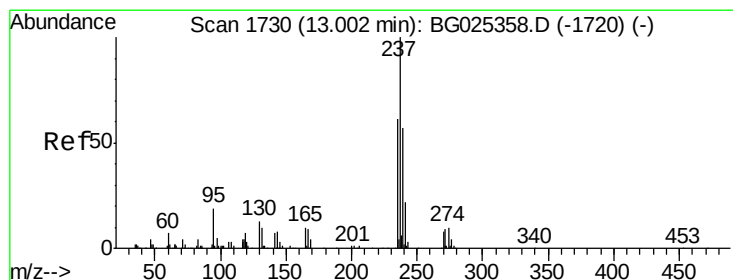
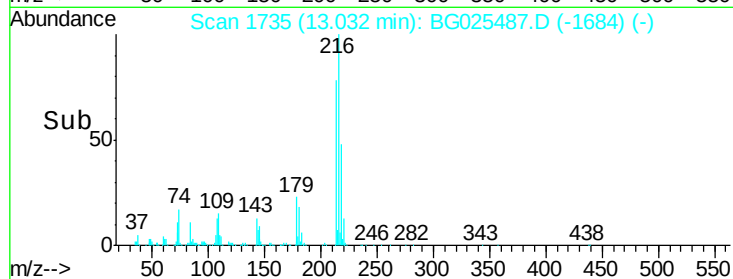
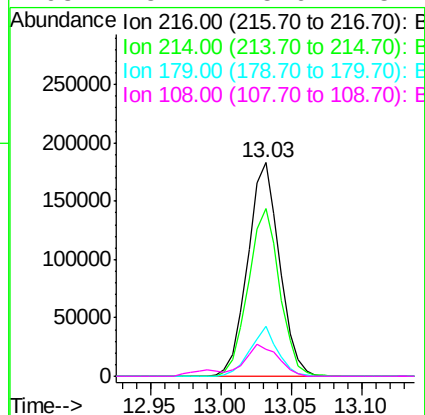
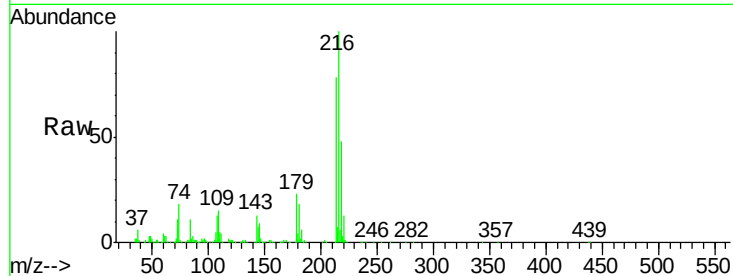




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.81 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

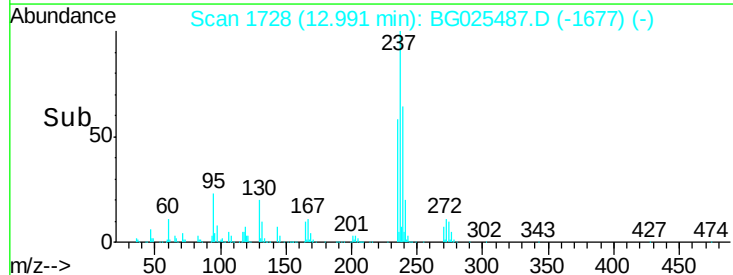
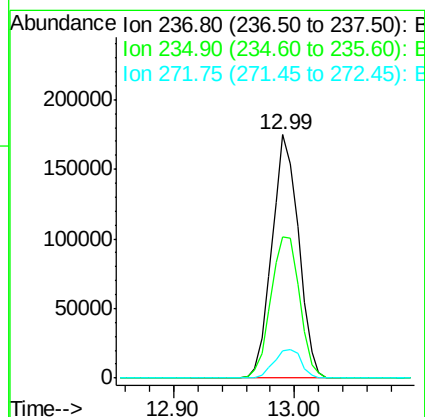
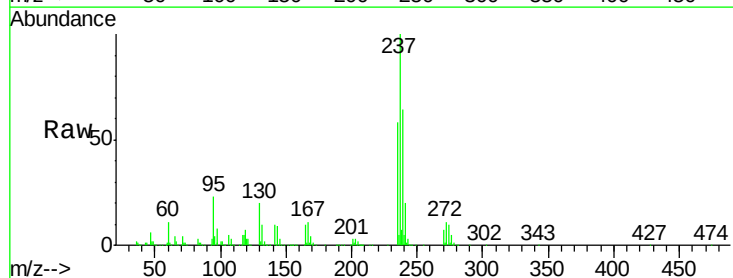
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

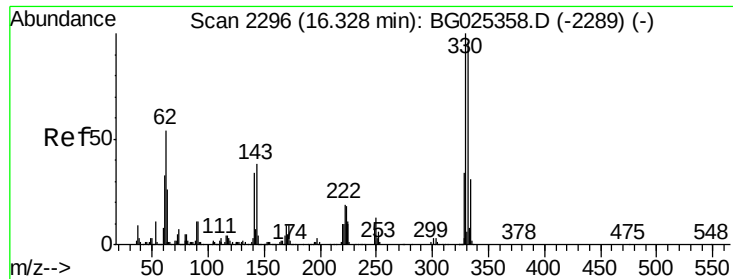
Tgt Ion:	216	Resp:	290186
Ion Ratio		Lower	Upper
216	100		
214	77.4	64.4	96.6
179	20.3	17.4	26.0
108	15.4	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 112.96 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion:	237	Resp:	264667
Ion Ratio		Lower	Upper
237	100		
235	57.9	39.4	79.4
272	11.0	0.0	32.0

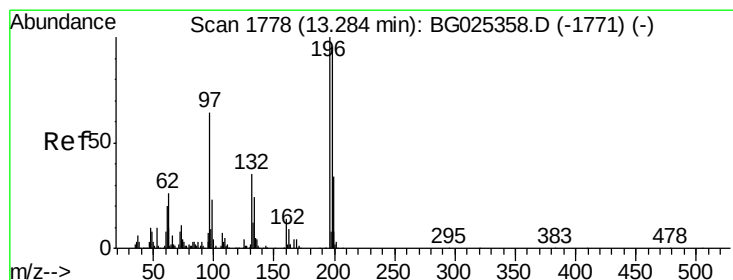
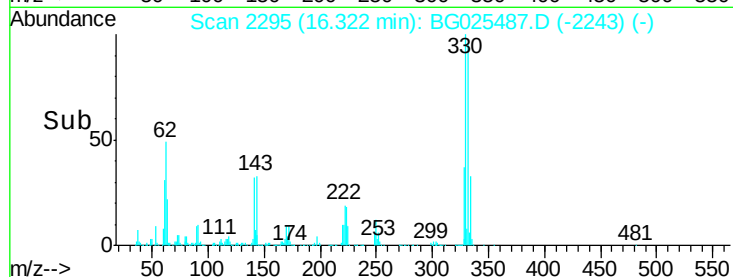
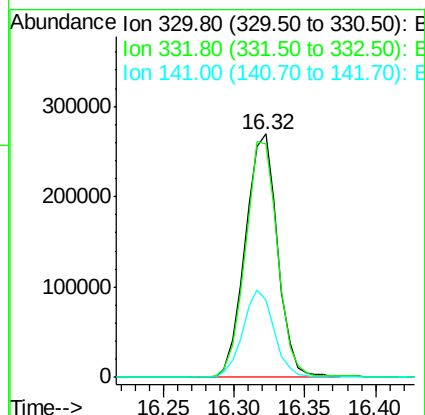
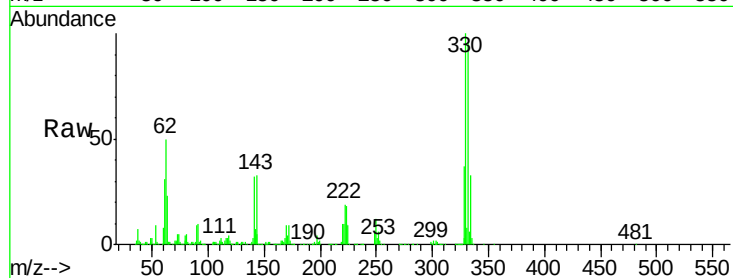




#41
 2,4,6-Tribromophenol
 Concen: 142.93 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

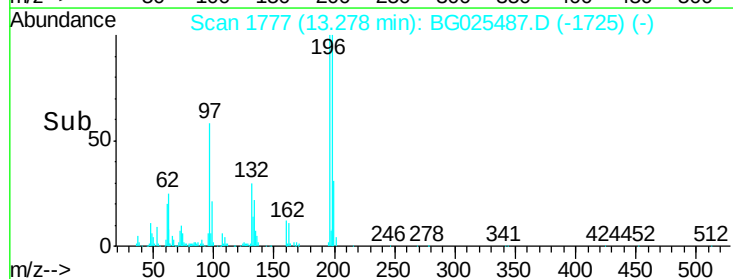
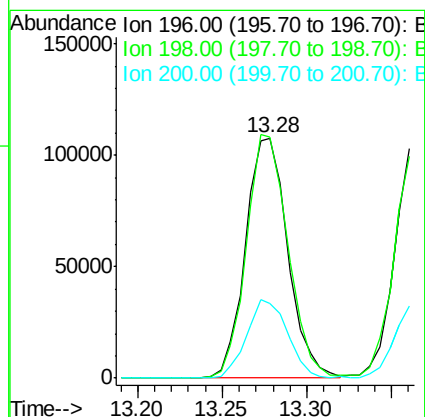
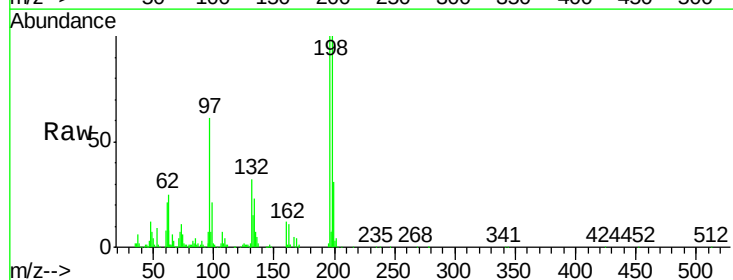
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

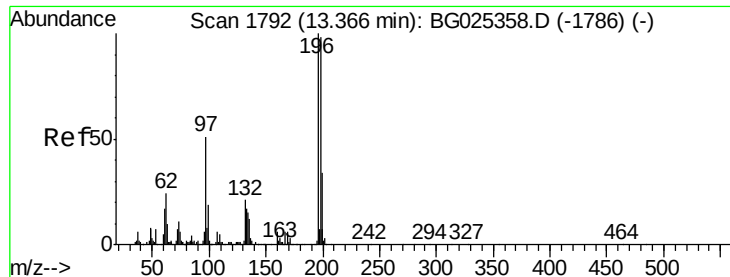
Tgt Ion:330 Resp: 432078
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 34.8 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 47.95 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion:196 Resp: 187155
 Ion Ratio Lower Upper
 196 100
 198 100.2 81.4 122.2
 200 31.2 27.0 40.6

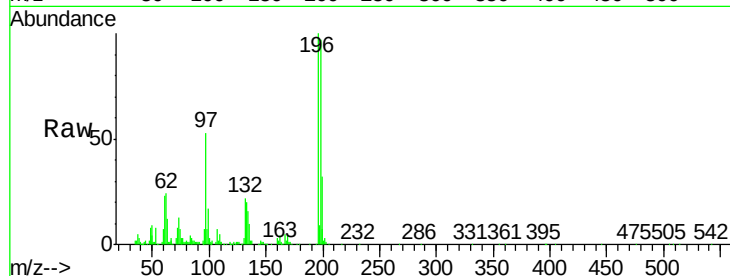




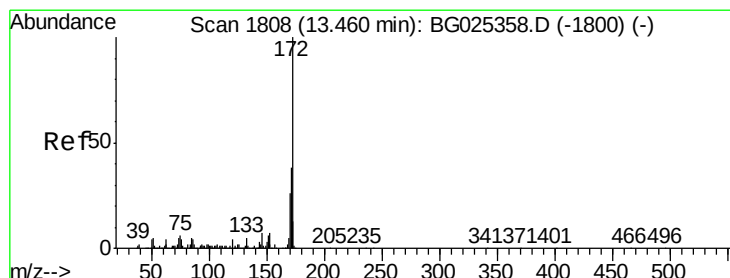
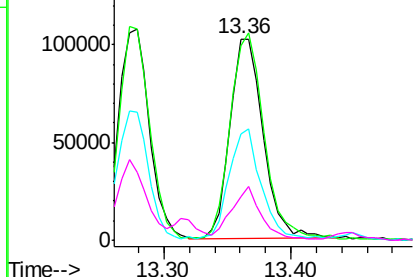
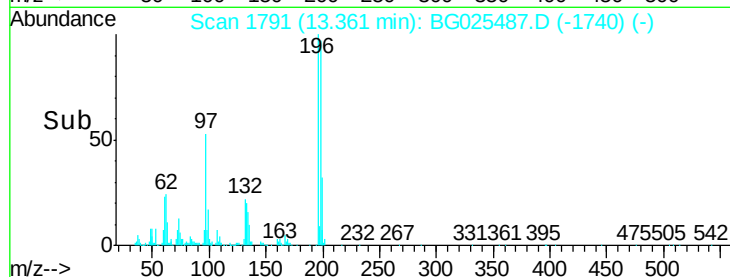
#43
 2,4,5-Trichlorophenol
 Concen: 45.68 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

Tgt Ion:196 Resp: 186660
 Ion Ratio Lower Upper
 196 100
 198 96.9 79.9 119.9
 97 52.6 45.4 68.0
 132 21.9 20.7 31.1

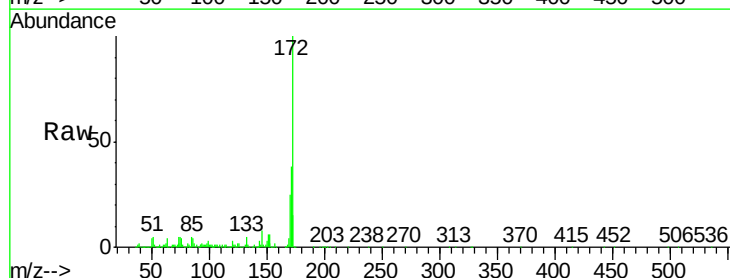


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

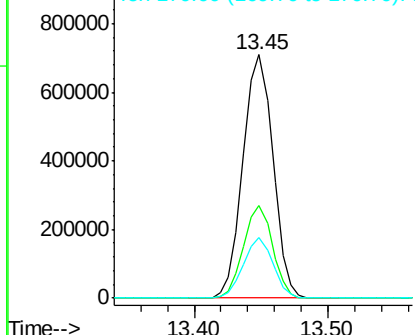
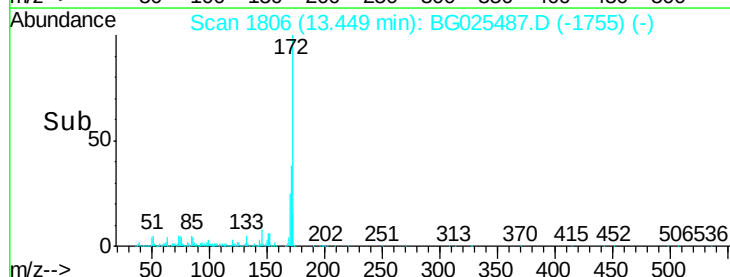


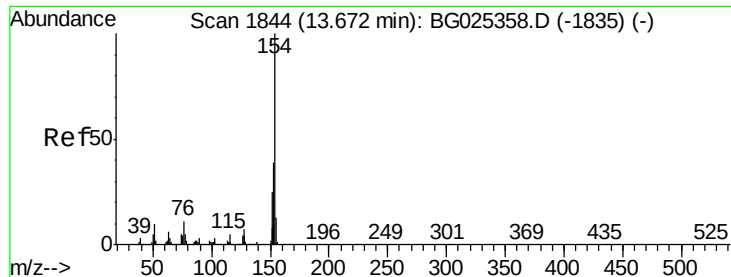
#44
 2-Fluorobiphenyl
 Concen: 95.21 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion:172 Resp: 1104256
 Ion Ratio Lower Upper
 172 100
 171 37.9 32.2 48.2
 170 24.8 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

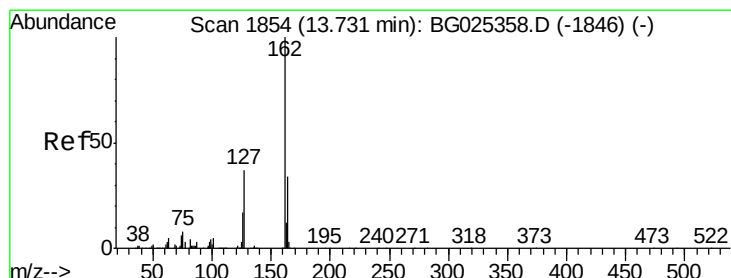
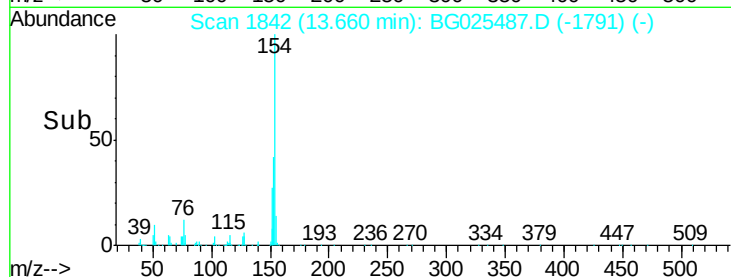
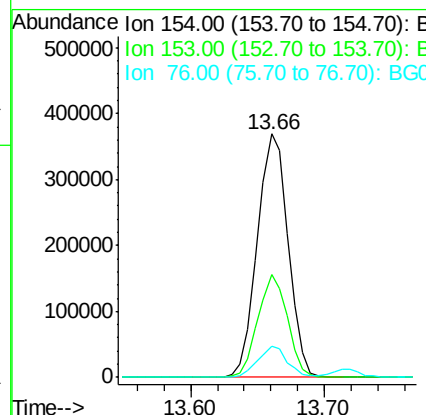
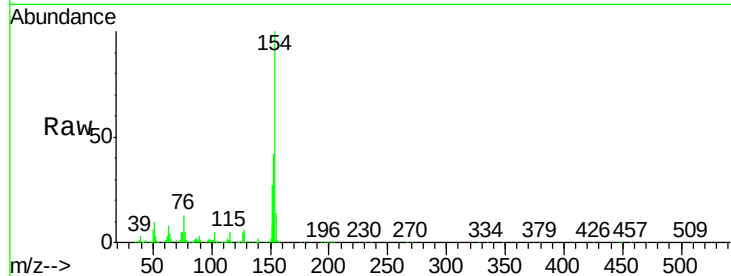




#45
1,1'-Biphenyl
Concen: 46.29 ng
RT: 13.66 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

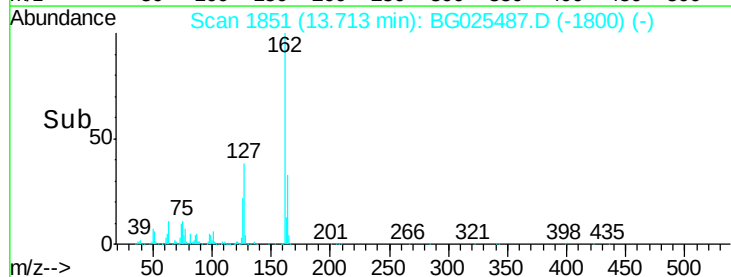
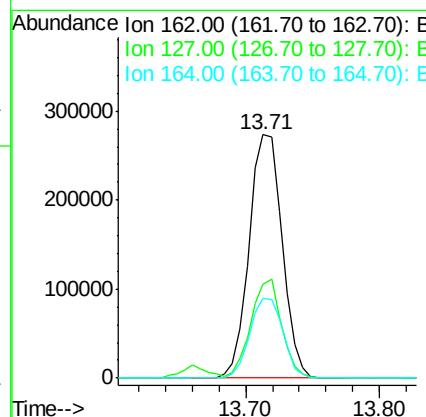
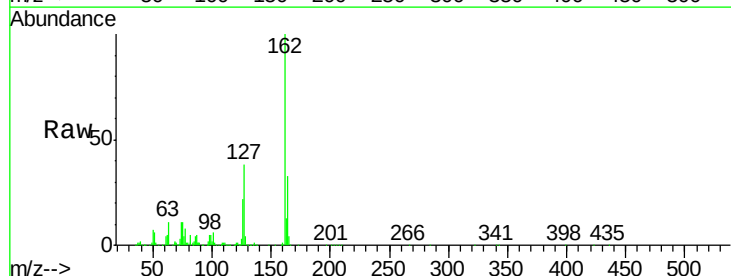
Instrument :
BNA_G
ClientSampleId :
PB95941BS

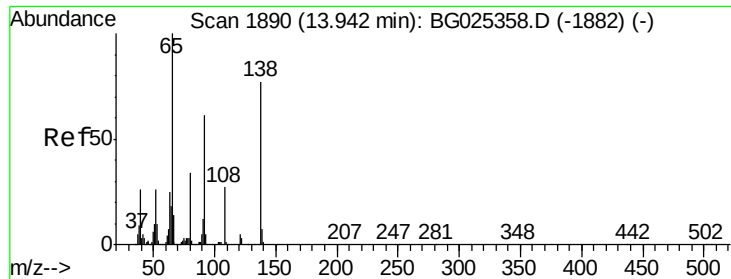
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.0	63.0
76	12.7	0.0	33.5



#46
2-Chloronaphthalene
Concen: 47.10 ng
RT: 13.71 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.2	48.4
164	32.9	27.3	40.9





#47

2-Nitroaniline

Concen: 45.74 ng

RT: 13.93 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

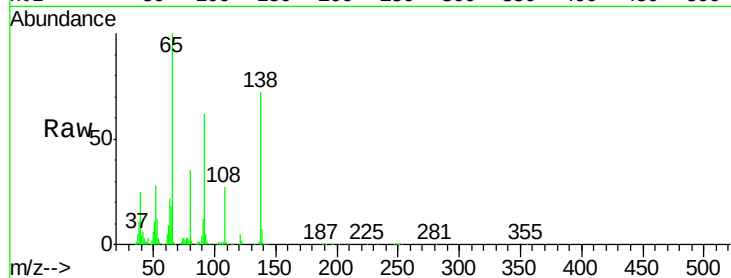
Tgt Ion: 65 Resp: 190512

Ion Ratio Lower Upper

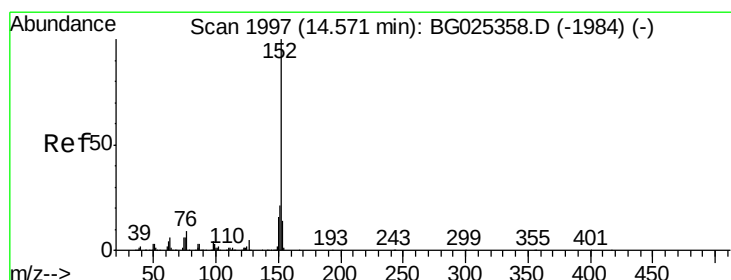
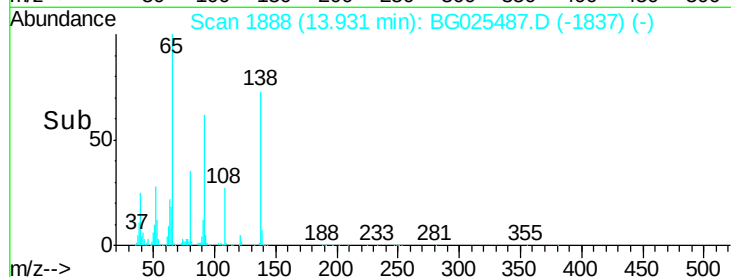
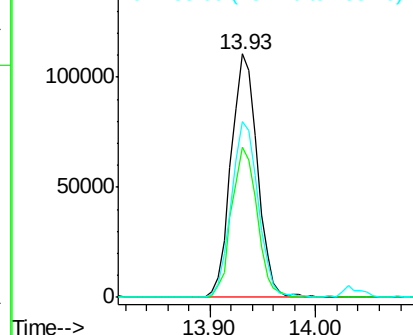
65 100

92 61.8 49.0 73.4

138 72.4 58.6 87.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 45.59 ng

RT: 14.56 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

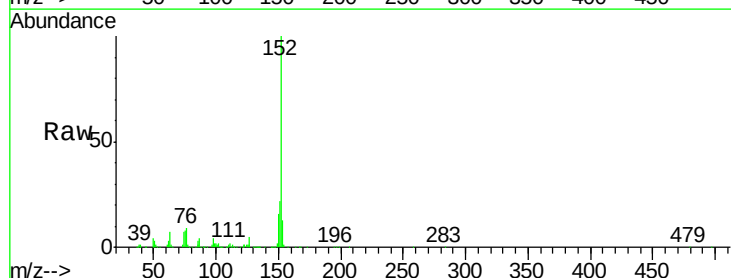
Tgt Ion: 152 Resp: 697129

Ion Ratio Lower Upper

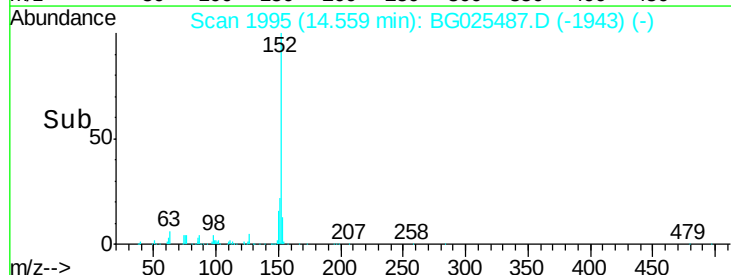
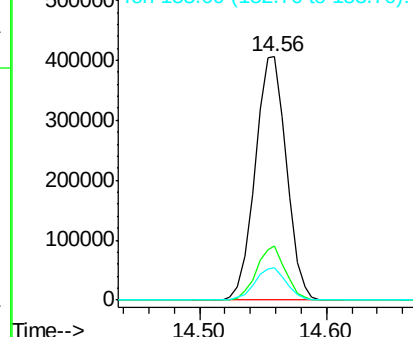
152 100

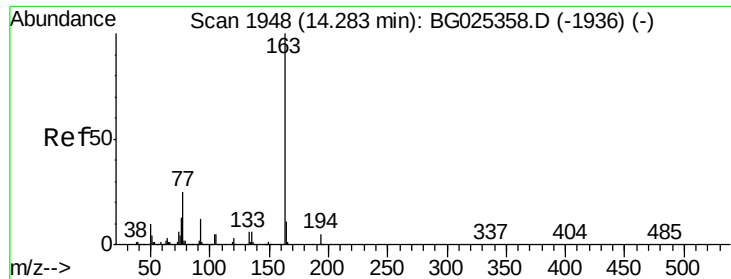
151 22.3 18.2 27.2

153 13.1 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

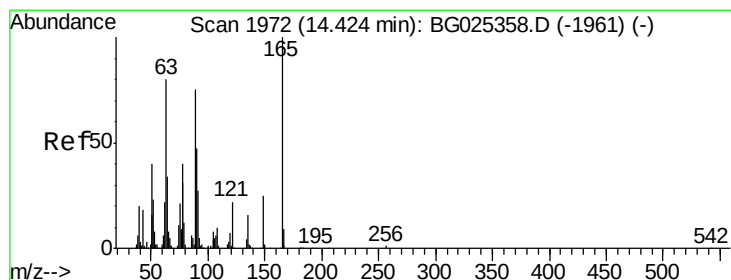
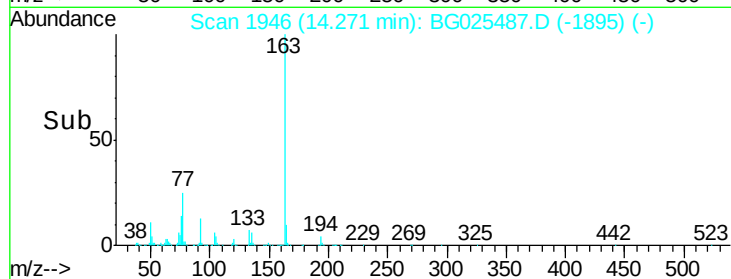
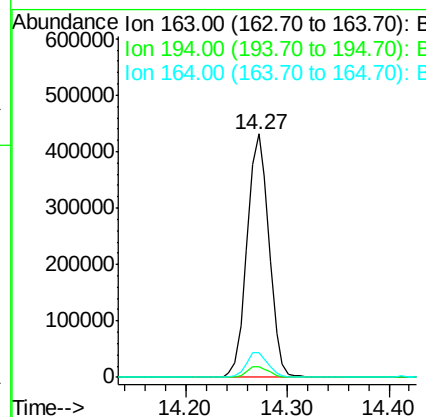
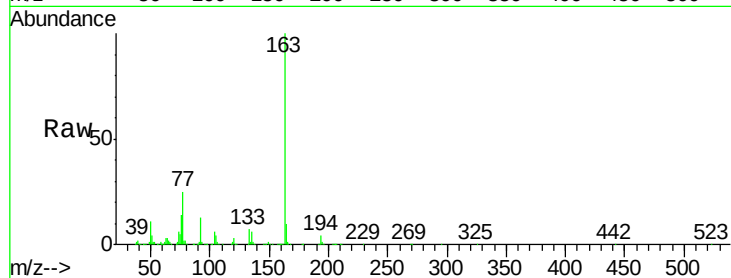




#49
Dimethylphthalate
Concen: 47.38 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

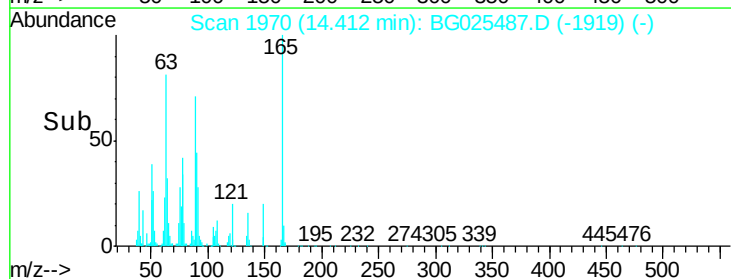
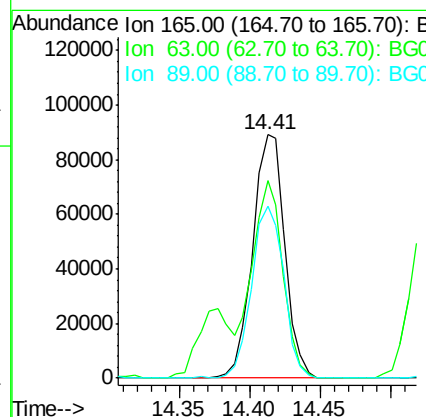
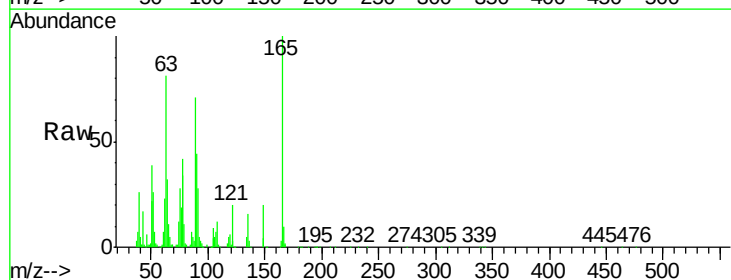
Instrument :
BNA_G
ClientSampleId :
PB95941BS

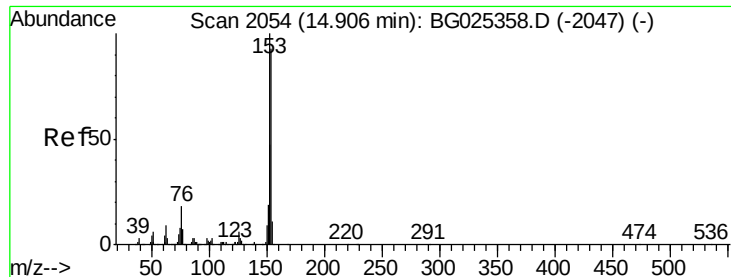
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	9.9	9.3	13.9



#50
2,6-Dinitrotoluene
Concen: 47.65 ng
RT: 14.41 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	81.3	63.9	95.9
89	70.6	58.6	88.0





#51

Acenaphthene

Concen: 44.66 ng

RT: 14.89 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

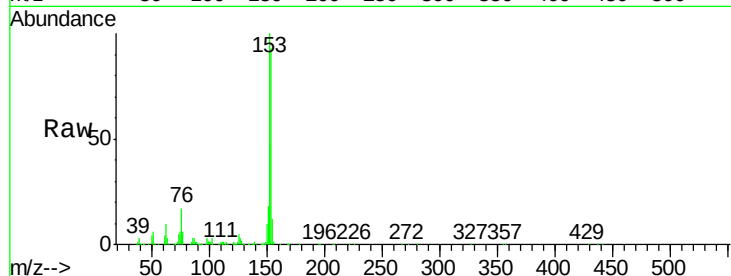
Tgt Ion:154 Resp: 446741

Ion Ratio Lower Upper

154 100

153 107.6 87.8 131.6

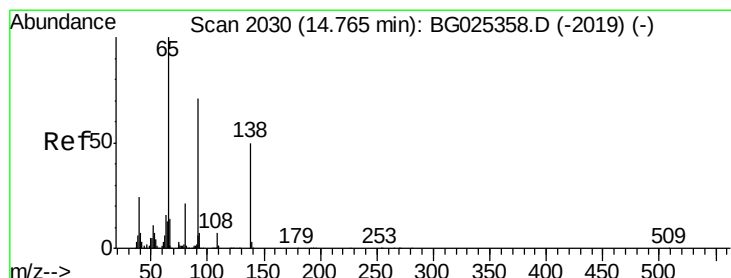
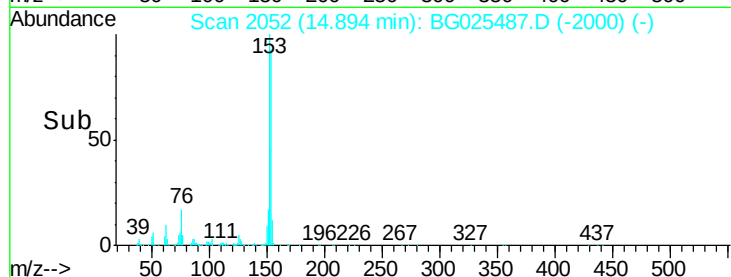
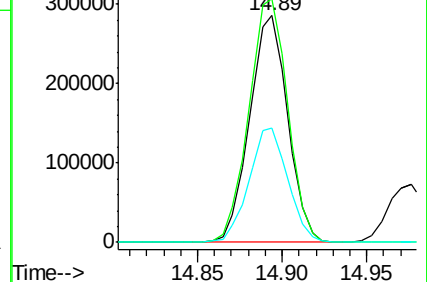
152 50.6 42.2 63.4



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: 16.99 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

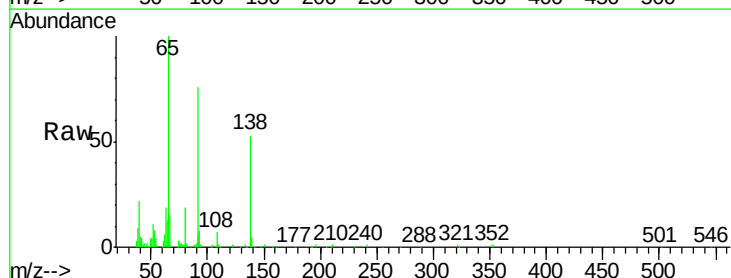
Tgt Ion:138 Resp: 48858

Ion Ratio Lower Upper

138 100

108 12.6 10.9 16.3

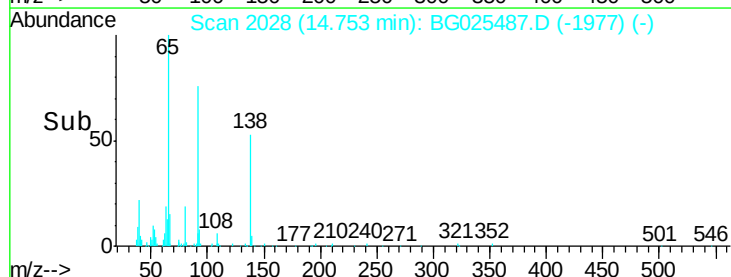
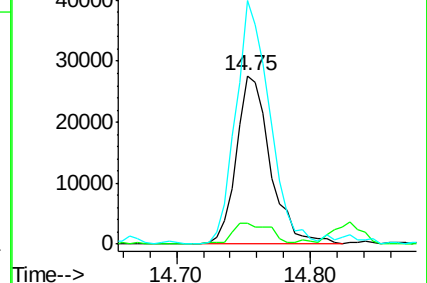
92 144.5 115.3 172.9

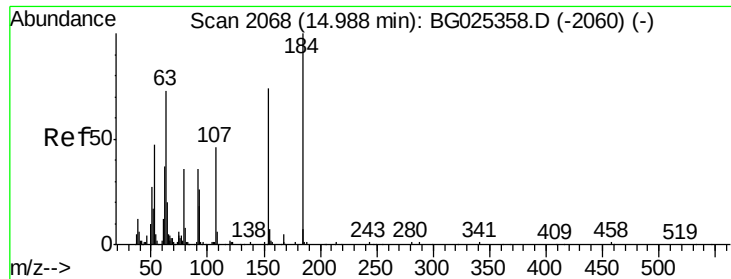


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 88.80 ng

RT: 14.97 min Scan# 2065

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

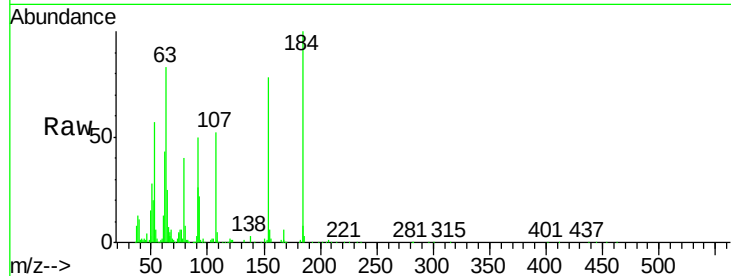
Tgt Ion:184 Resp: 175314

Ion Ratio Lower Upper

184 100

63 82.9 52.7 79.1#

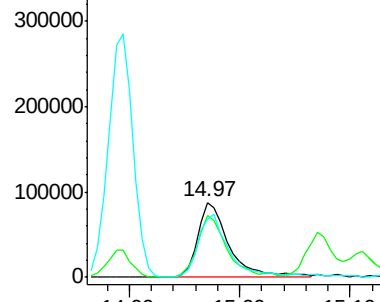
154 78.0 57.3 85.9



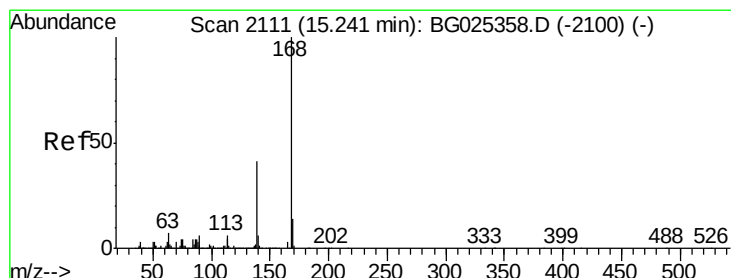
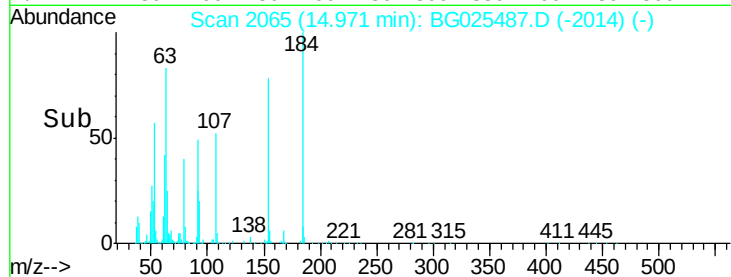
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



Time-->



#54

Dibenzofuran

Concen: 46.97 ng

RT: 15.22 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

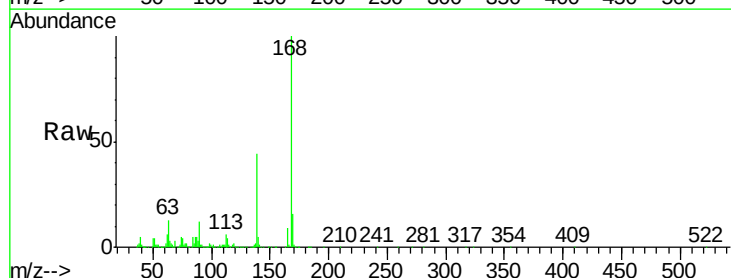
Tgt Ion:168 Resp: 742658

Ion Ratio Lower Upper

168 100

139 43.9 35.3 52.9

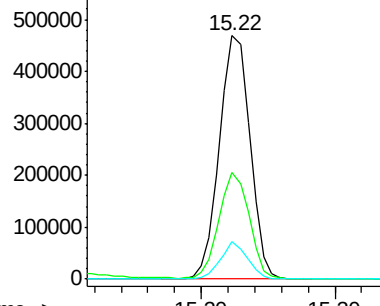
169 15.6 11.5 17.3



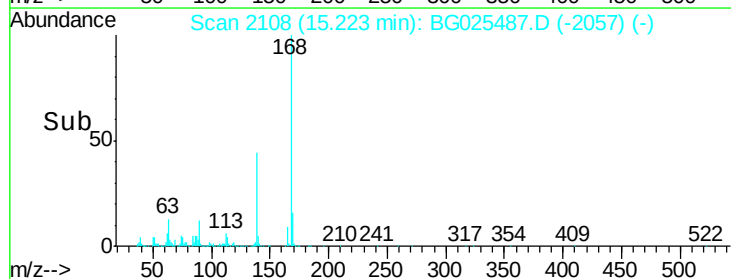
Abundance Ion 168.00 (167.70 to 168.70): E

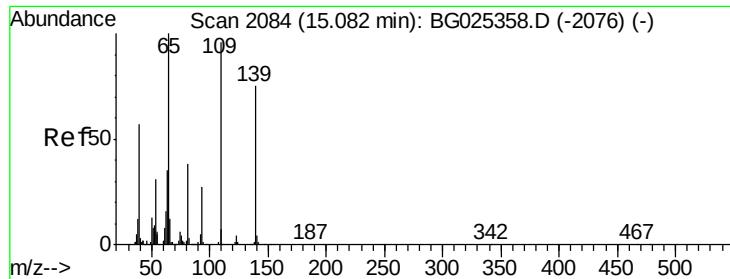
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->

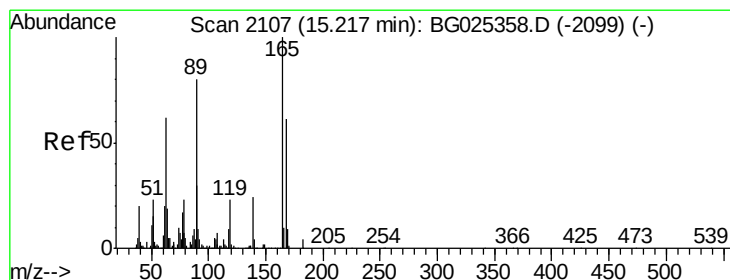
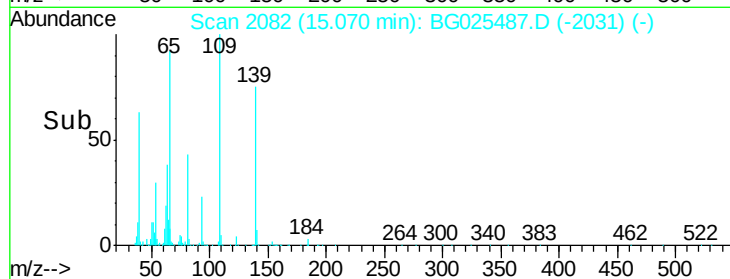
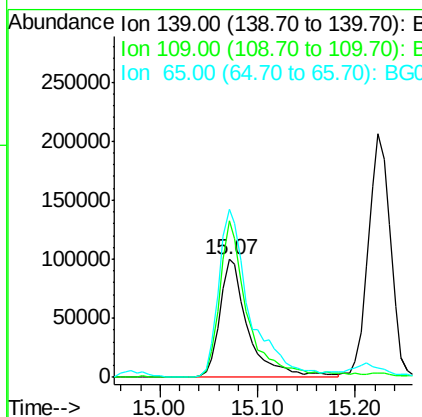
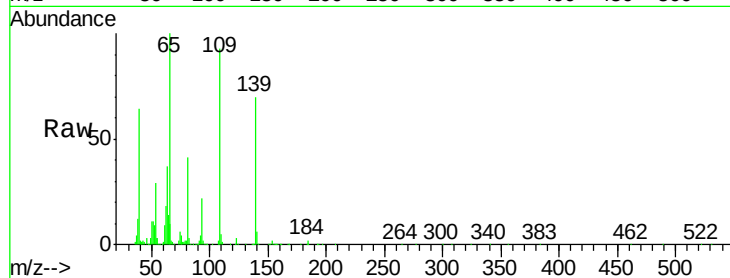




#55
4-Nitrophenol
Concen: 94.48 ng
RT: 15.07 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

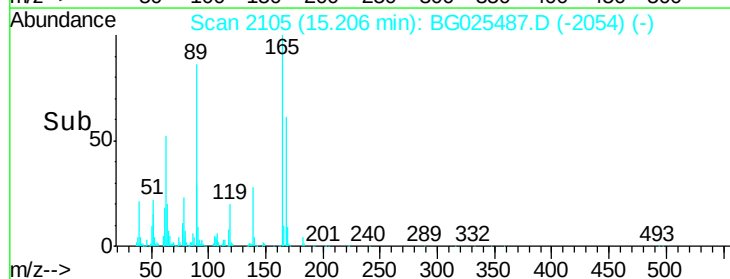
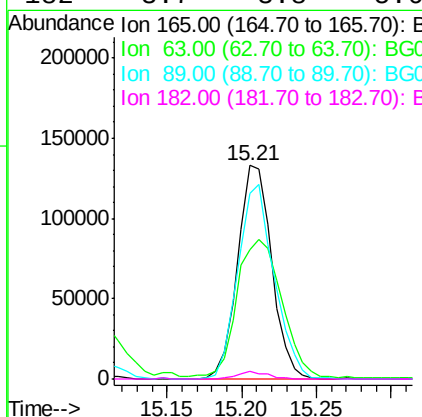
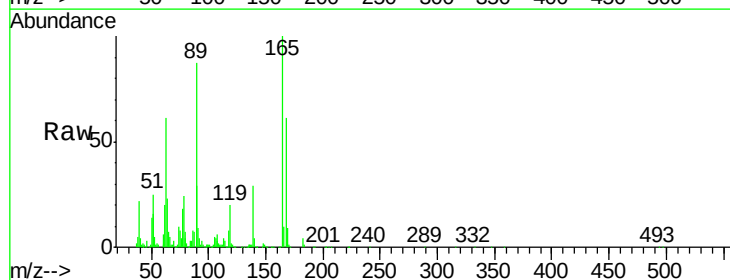
Instrument :
BNA_G
ClientSampleId :
PB95941BS

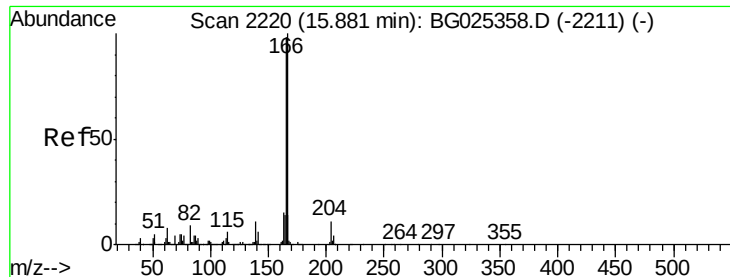
Tgt Ion:139 Resp: 202864
Ion Ratio Lower Upper
139 100
109 132.9 101.2 141.2
65 142.8 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 48.35 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion:165 Resp: 210540
Ion Ratio Lower Upper
165 100
63 60.8 44.0 66.0
89 87.0 67.3 100.9
182 3.7 3.8 5.6#





#57

Fluorene

Concen: 46.32 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

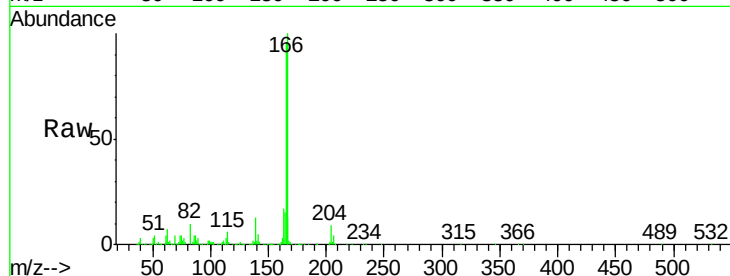
Tgt Ion:166 Resp: 613241

Ion Ratio Lower Upper

166 100

165 95.8 78.6 117.8

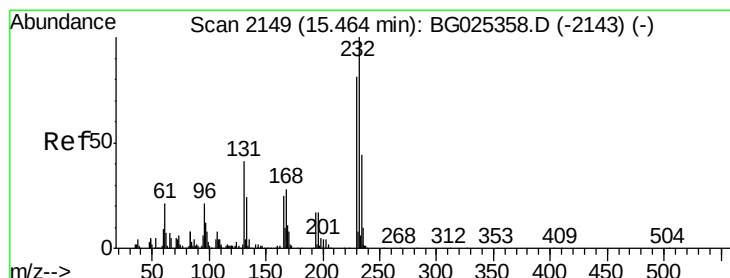
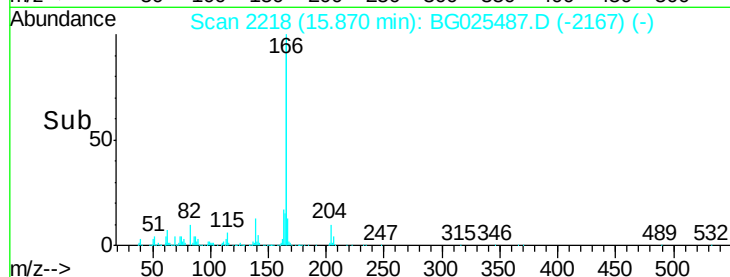
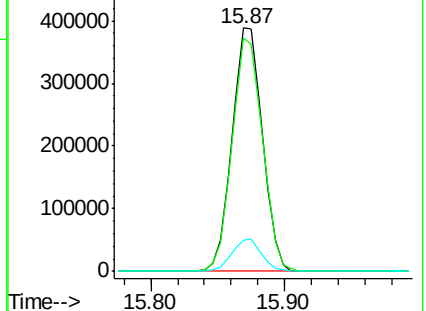
167 12.7 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.04 ng

RT: 15.45 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Tgt Ion:232 Resp: 205891

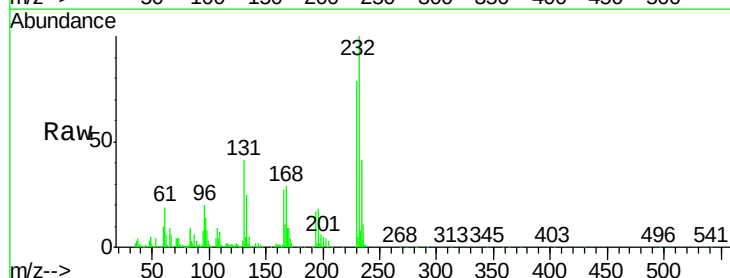
Ion Ratio Lower Upper

232 100

131 38.6 34.9 52.3

130 2.9 2.3 3.5

166 27.5 24.2 36.4

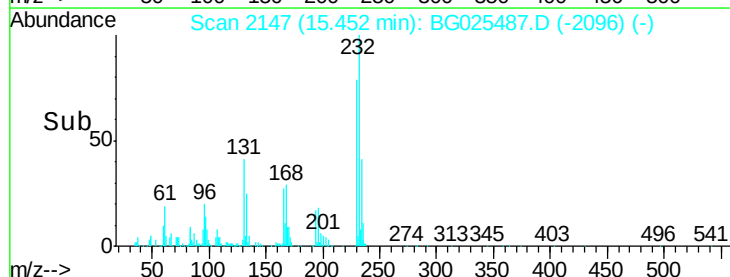
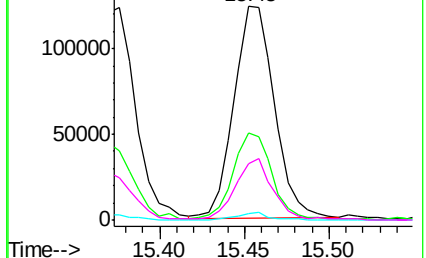


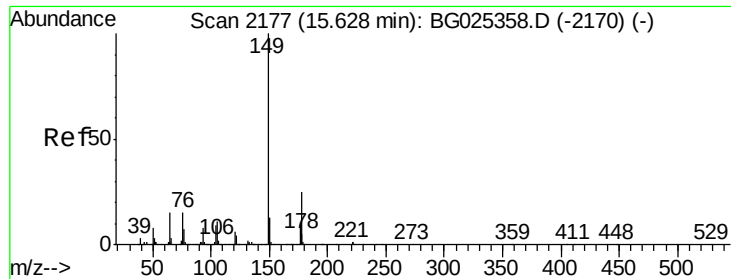
Abundance Ion 232.00 (231.70 to 232.70): E

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

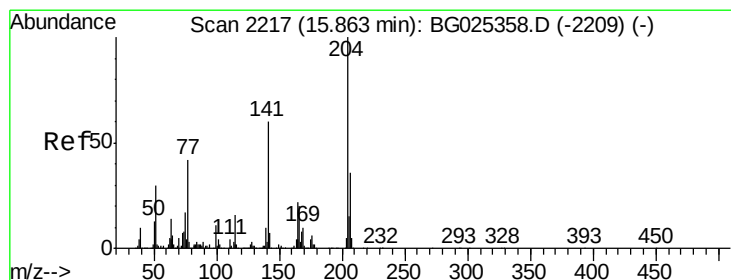
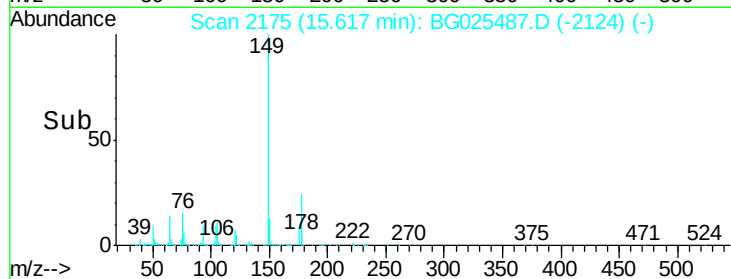
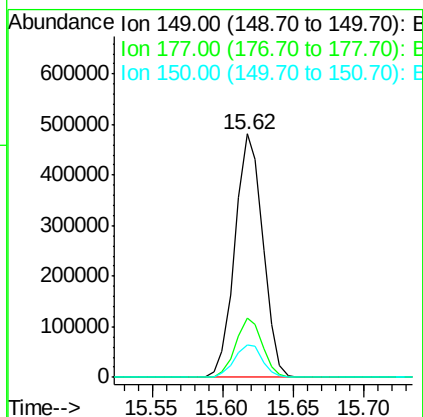
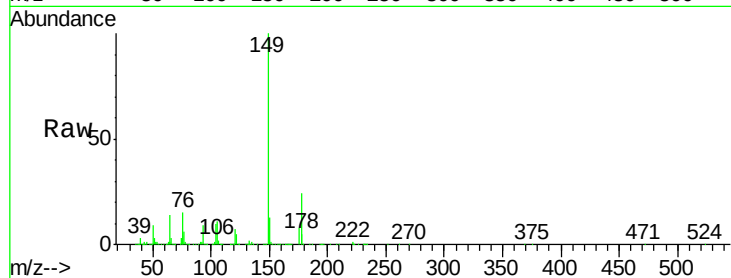




#59
Diethylphthalate
Concen: 46.17 ng
RT: 15.62 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

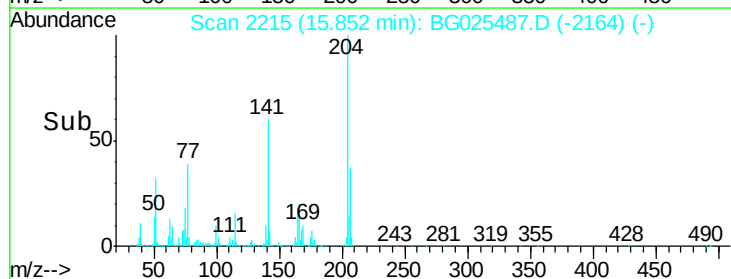
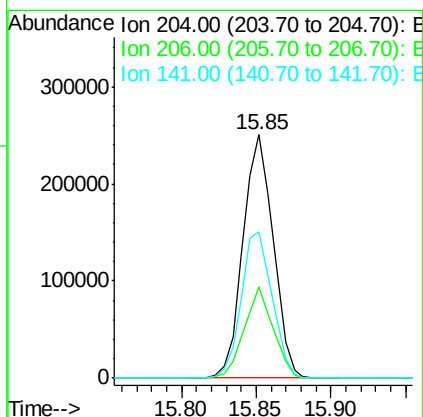
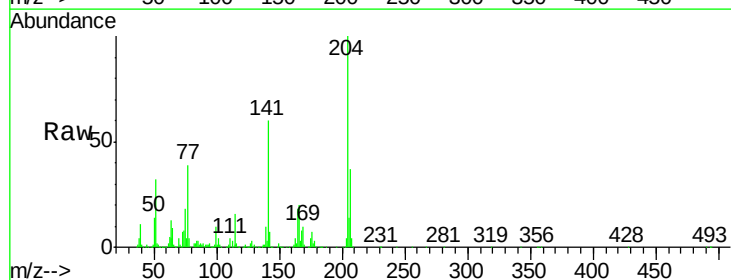
Instrument :
BNA_G
ClientSampleId :
PB95941BS

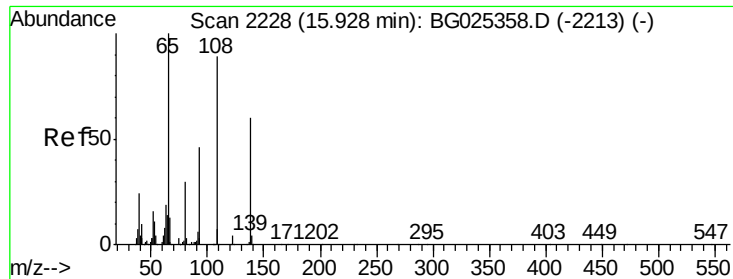
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	20.1	30.1
150	13.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.63 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	37.4	30.1	45.1
141	60.0	50.6	76.0

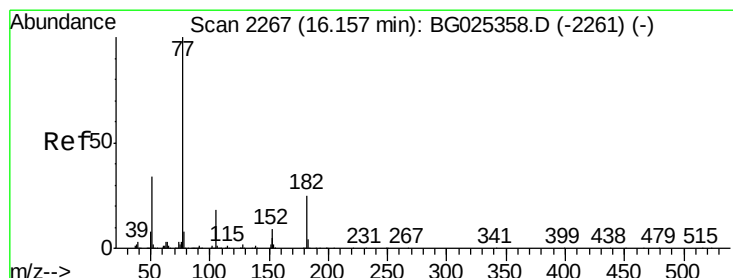
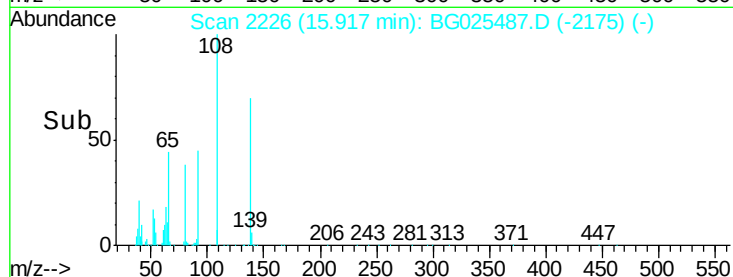
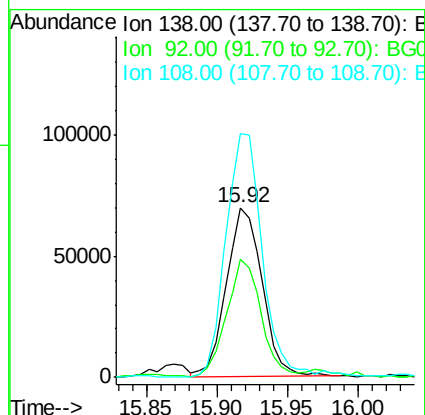
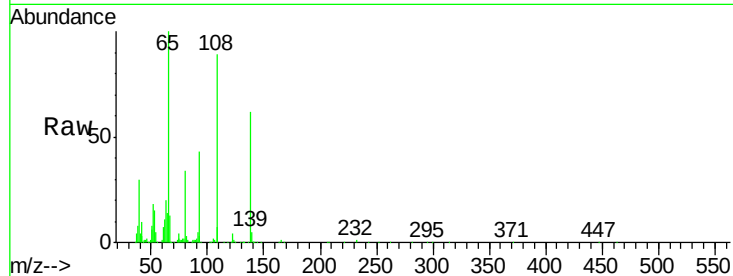




#61
4-Nitroaniline
Concen: 42.70 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

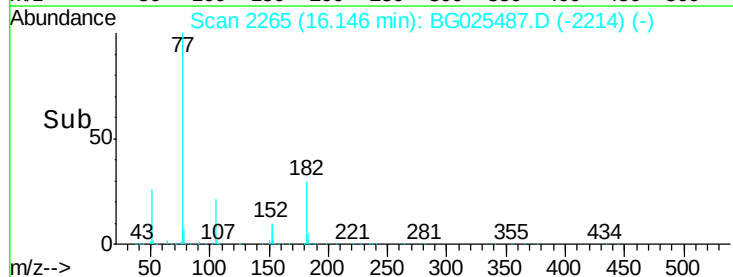
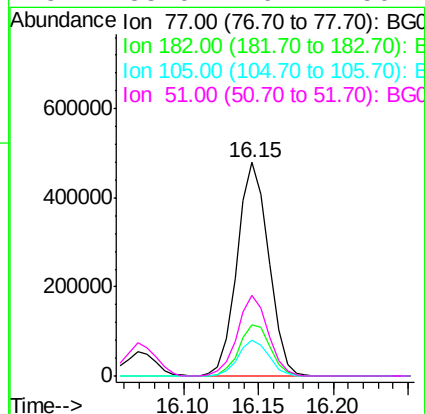
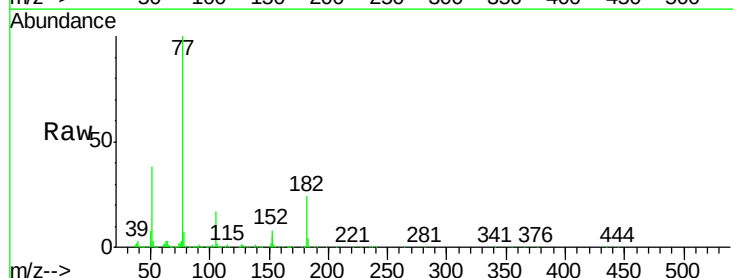
Instrument :
BNA_G
ClientSampleId :
PB95941BS

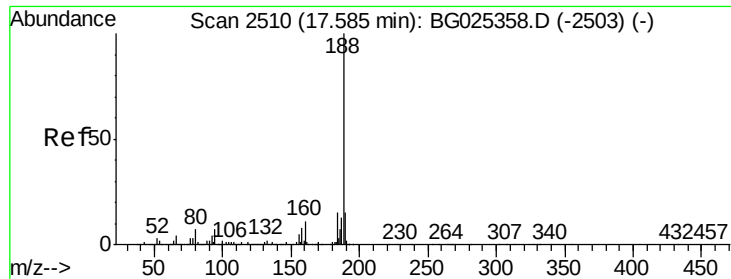
Tgt Ion: 138 Resp: 123524
Ion Ratio Lower Upper
138 100
92 69.8 44.2 84.2
108 143.3 104.8 144.8



#62
Azobenzene
Concen: 50.78 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion: 77 Resp: 703034
Ion Ratio Lower Upper
77 100
182 24.3 4.7 44.7
105 16.8 0.0 36.3
51 38.0 16.4 56.4

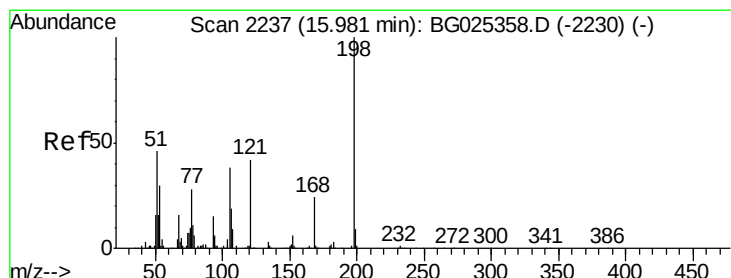
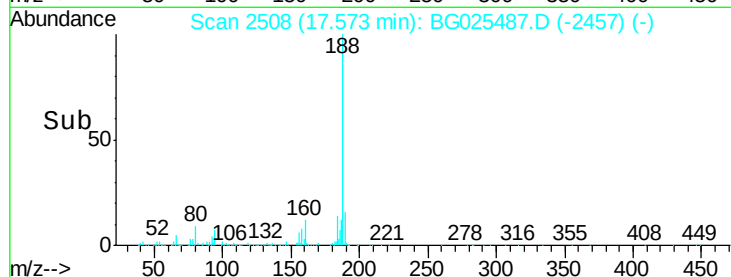
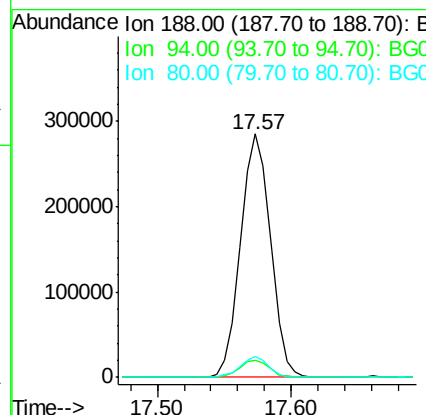
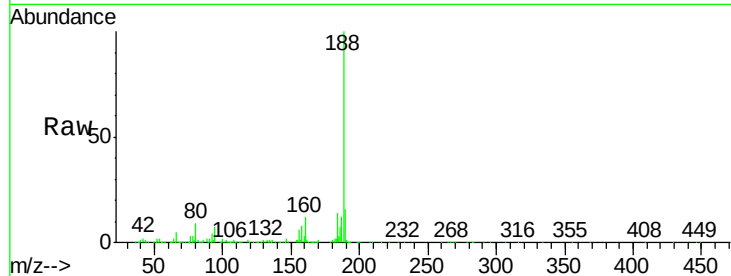




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

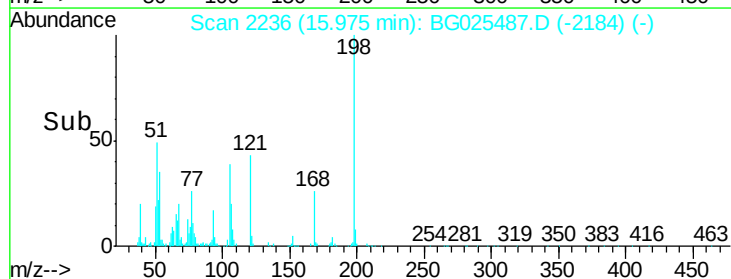
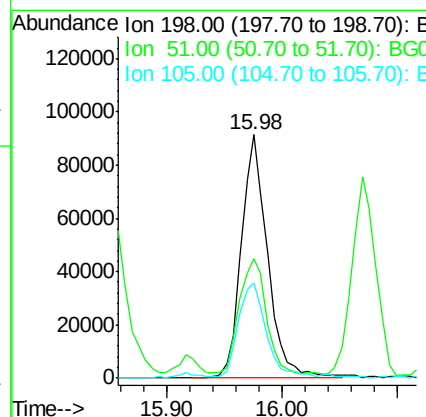
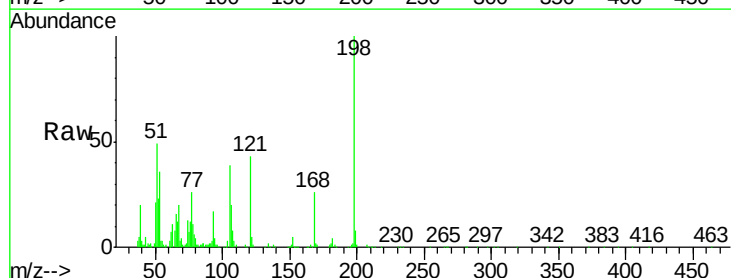
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

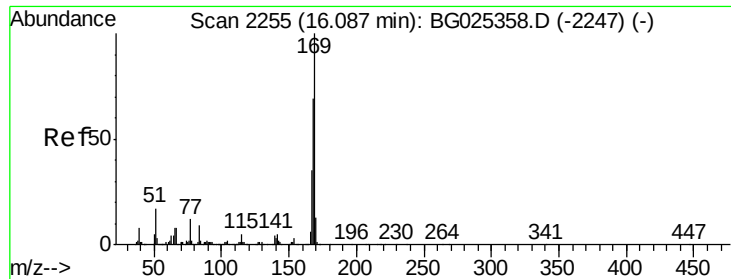
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	8.5	7.5	11.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.89 ng
 RT: 15.98 min Scan# 2236
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.3	22.6	62.6
105	39.2	14.4	54.4

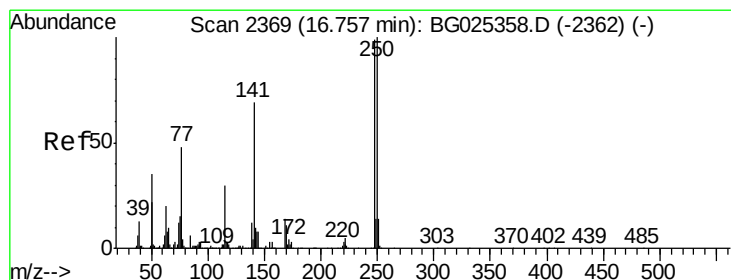
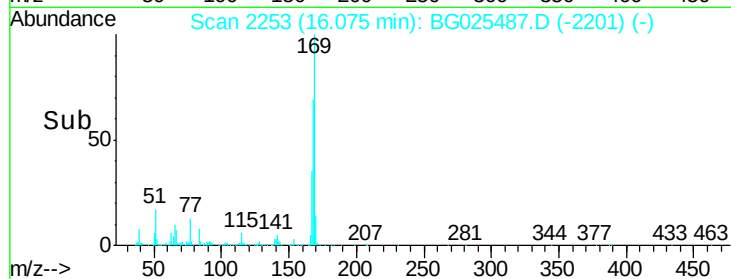
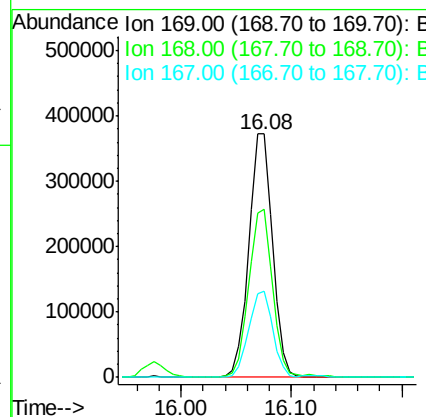
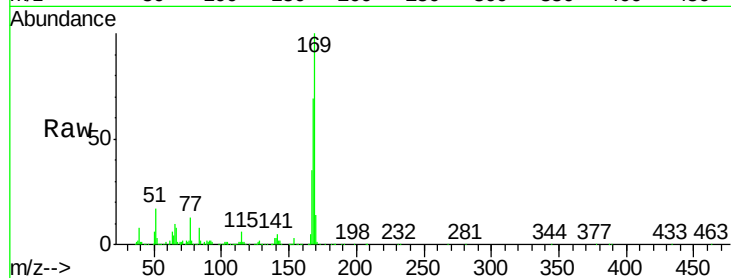




#65
 n-Nitrosodiphenylamine
 Concen: 47.07 ng
 RT: 16.08 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

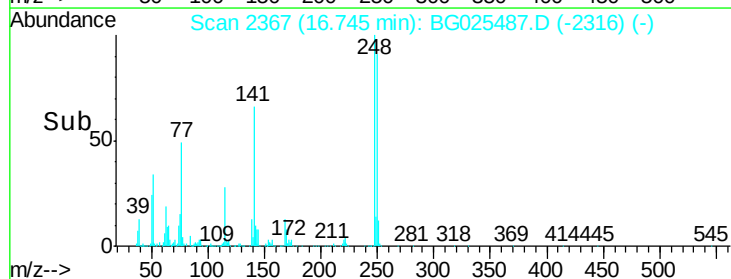
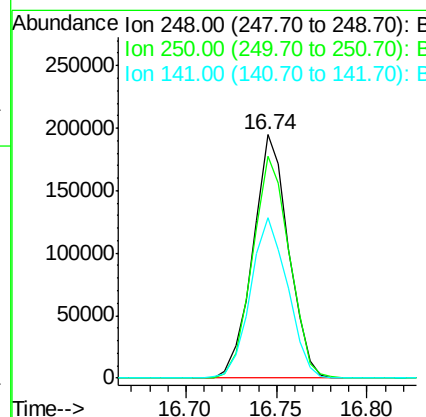
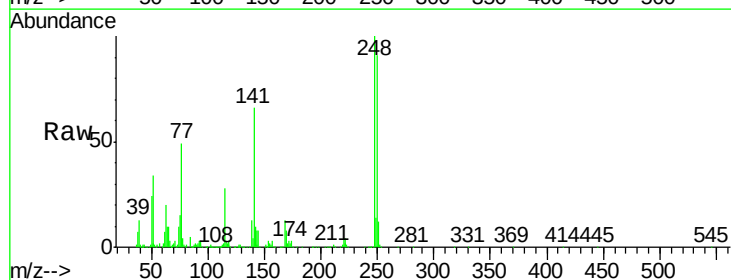
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

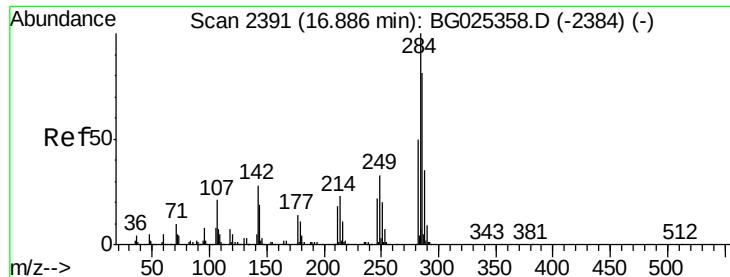
Tgt Ion	Resp	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	35.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.74 ng
 RT: 16.74 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion	Resp	Lower	Upper
248	100		
250	91.0	75.0	112.6
141	66.0	55.2	82.8

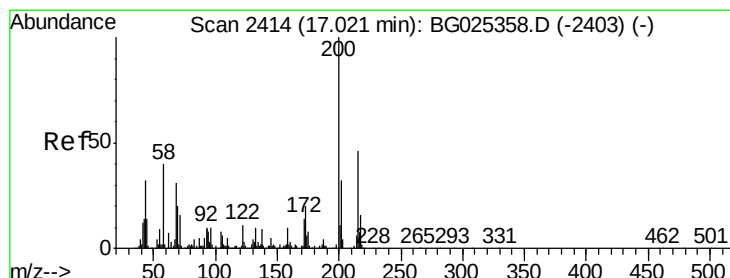
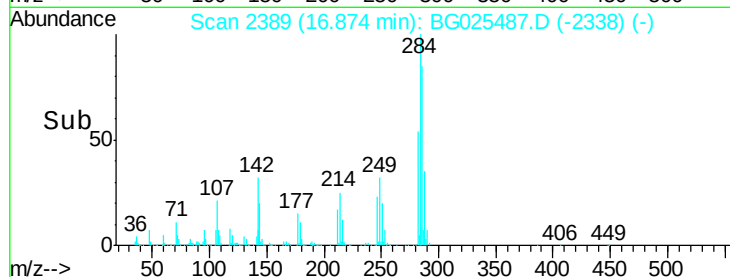
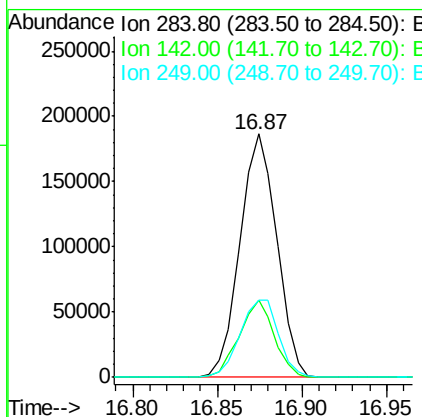
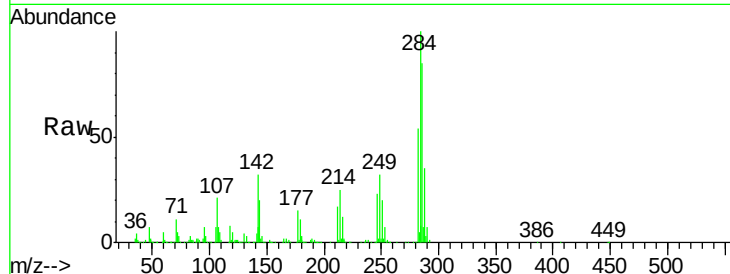




#67
Hexachlorobenzene
Concen: 45.09 ng
RT: 16.87 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

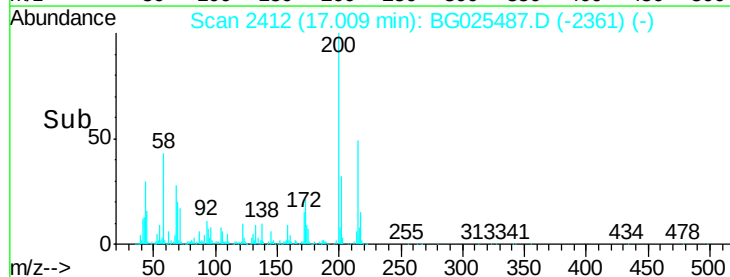
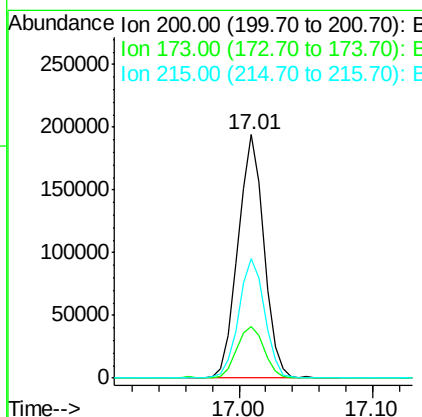
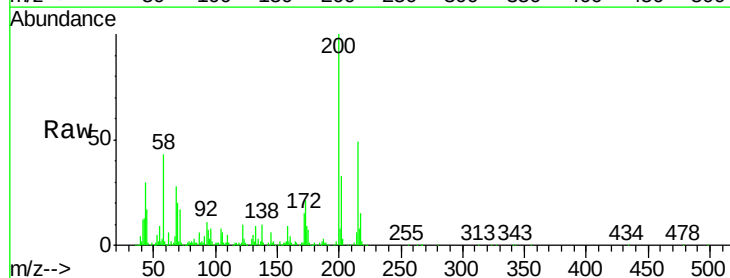
Instrument :
BNA_G
ClientSampleId :
PB95941BS

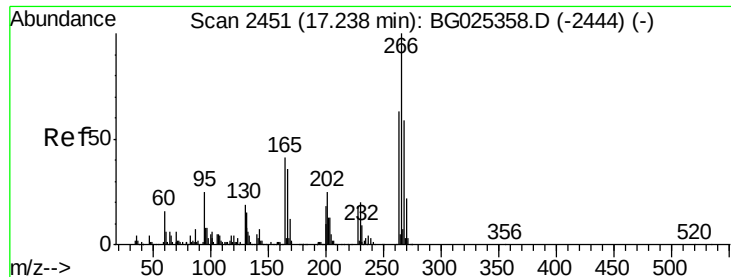
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	29.9	44.9
249	31.8	29.2	43.8



#68
Atrazine
Concen: 49.98 ng
RT: 17.01 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.3	3.0	43.0
215	49.0	28.4	68.4

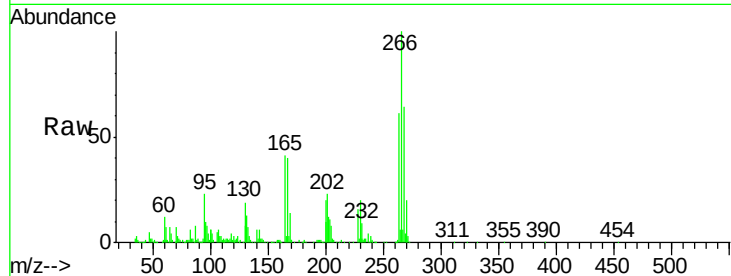




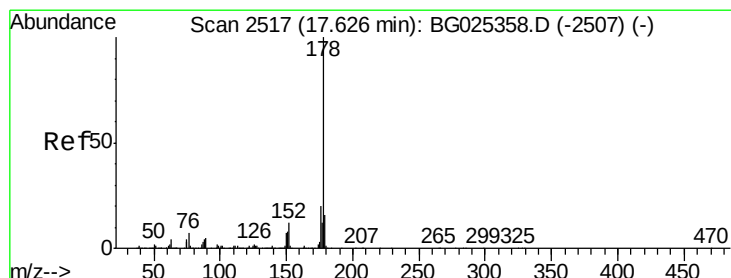
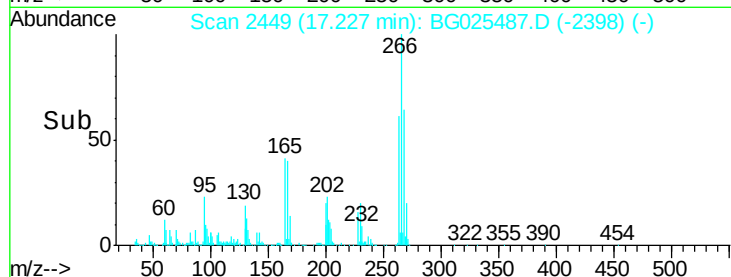
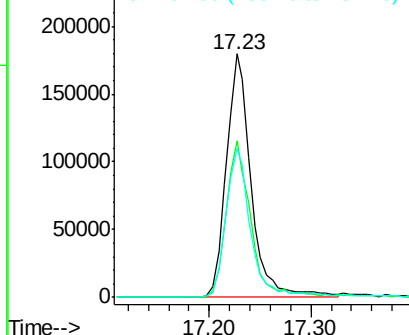
#69
 Pentachlorophenol
 Concen: 93.78 ng
 RT: 17.23 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	48.6	72.8
264	61.4	50.1	75.1

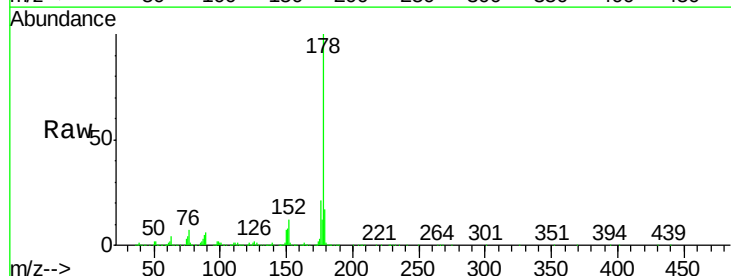


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

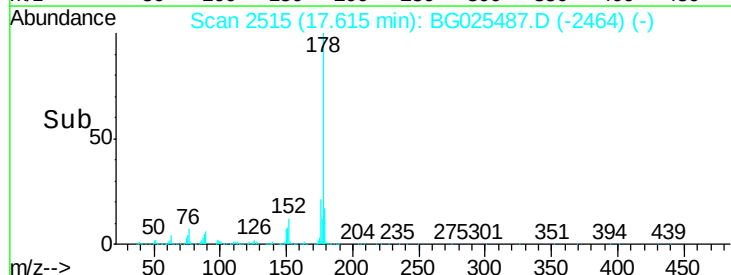
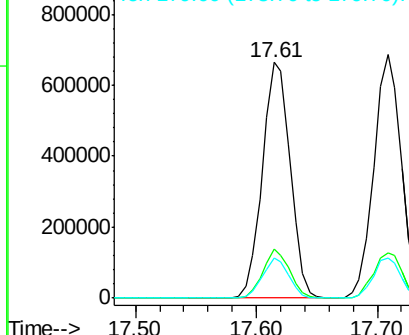


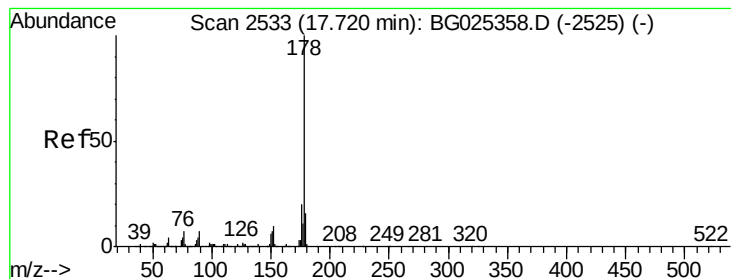
#70
 Phenanthrene
 Concen: 46.25 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.7	26.5
179	16.7	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.96 ng

RT: 17.71 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

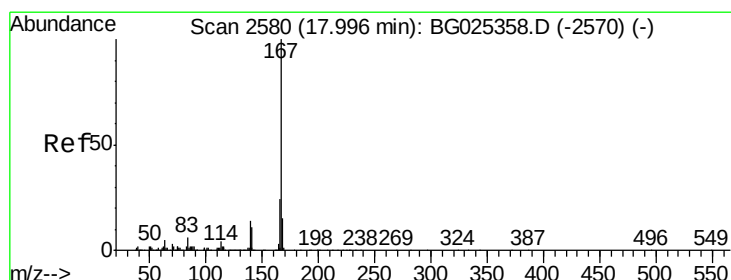
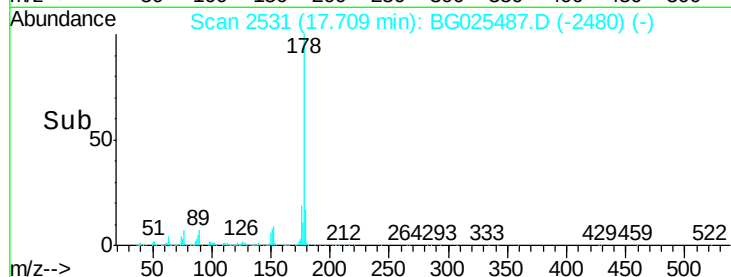
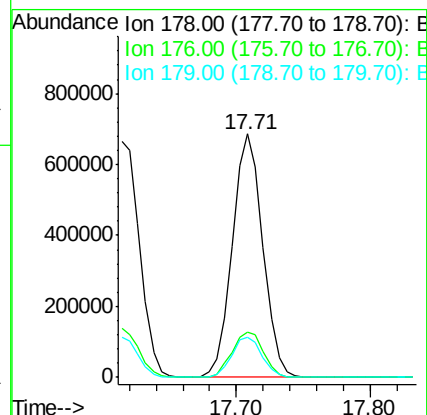
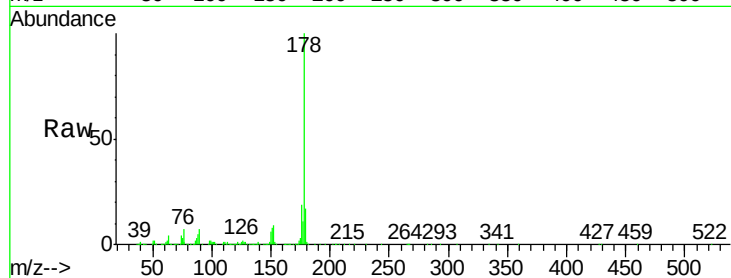
Tgt Ion:178 Resp: 1088540

Ion Ratio Lower Upper

178 100

176 18.8 16.4 24.6

179 16.6 13.8 20.8



#72

Carbazole

Concen: 47.10 ng

RT: 17.98 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

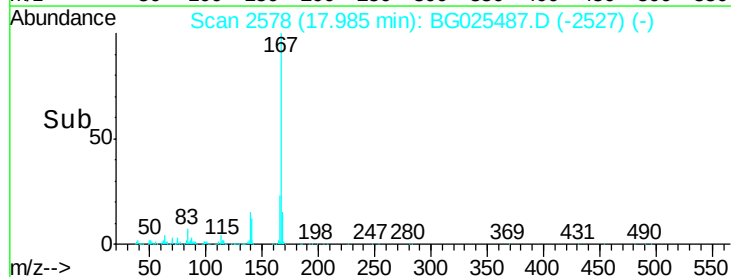
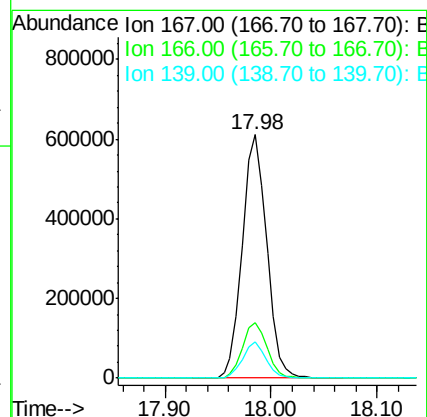
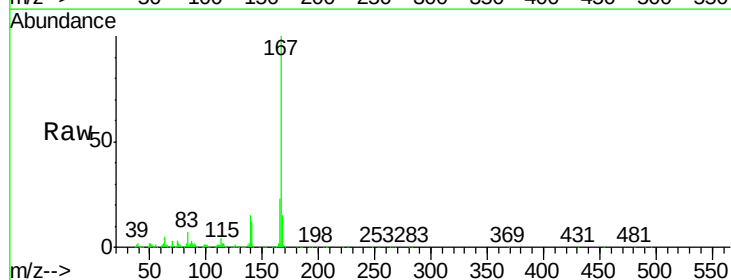
Tgt Ion:167 Resp: 976491

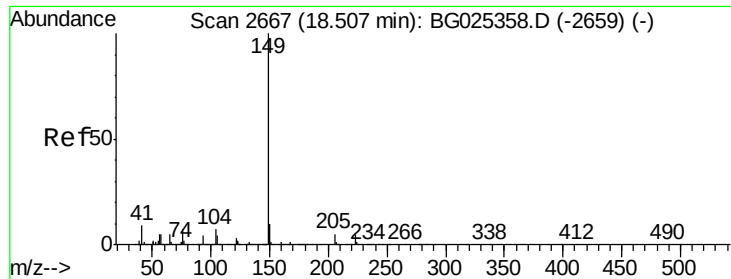
Ion Ratio Lower Upper

167 100

166 22.6 20.2 30.2

139 15.0 12.8 19.2

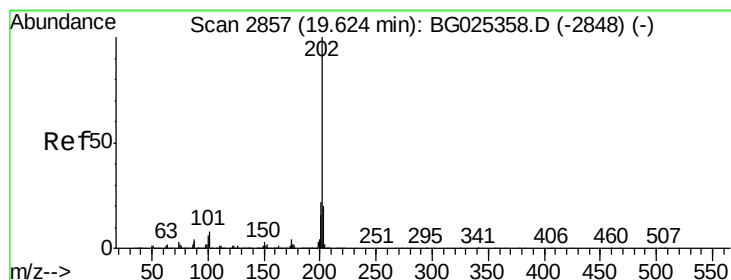
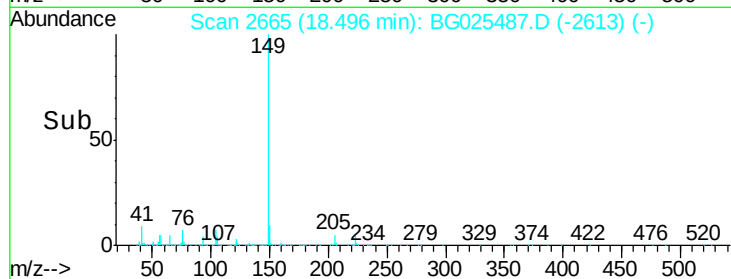
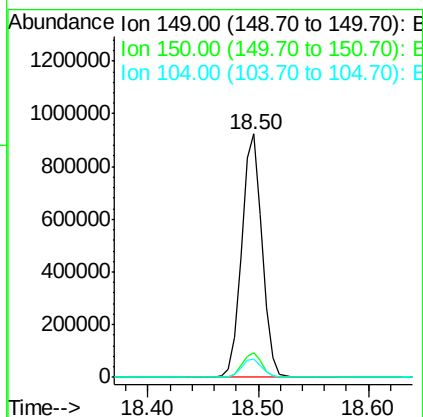
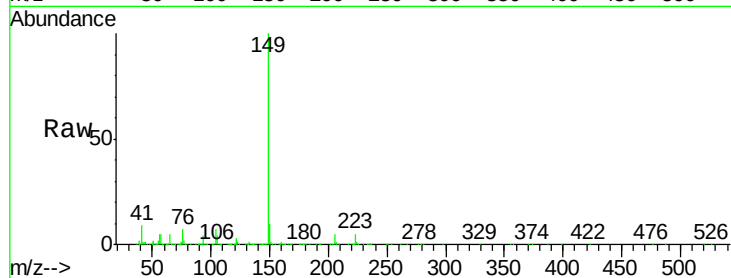




#73
Di-n-butylphthalate
Concen: 46.77 ng
RT: 18.50 min Scan# 2665
Delta R.T. 0.01 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

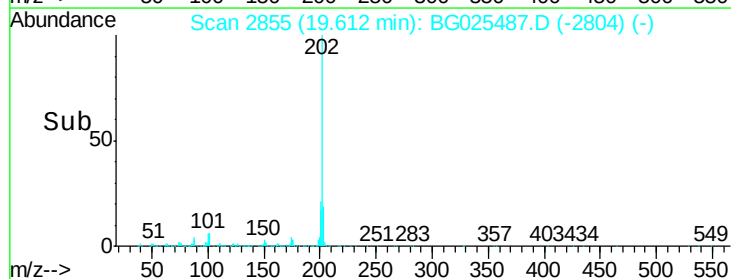
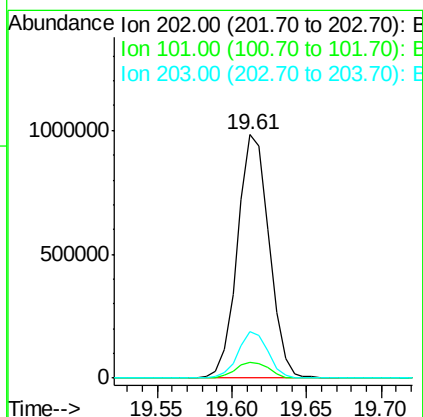
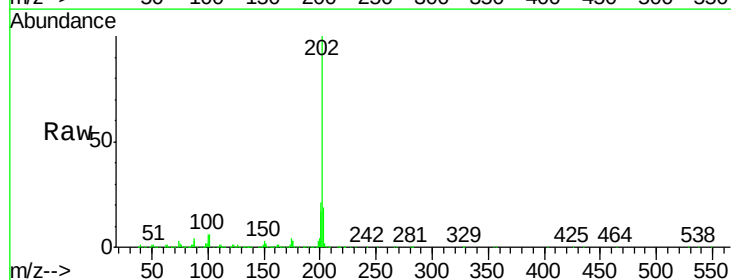
Instrument :
BNA_G
ClientSampleId :
PB95941BS

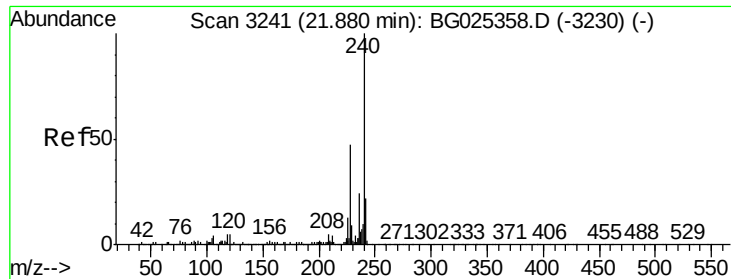
Tgt Ion:149 Resp: 1192947
Ion Ratio Lower Upper
149 100
150 9.9 9.1 13.7
104 7.3 6.7 10.1



#74
Fluoranthene
Concen: 47.93 ng
RT: 19.61 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion:202 Resp: 1444207
Ion Ratio Lower Upper
202 100
101 6.4 0.0 30.1
203 19.1 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

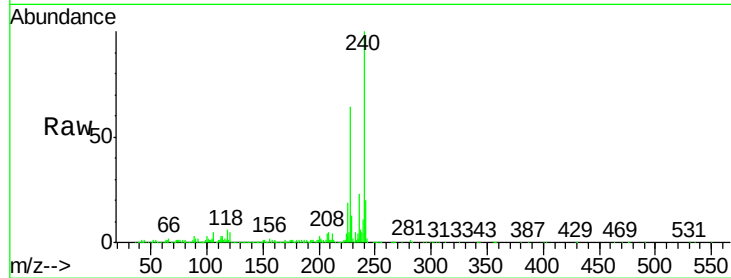
Tgt Ion:240 Resp: 634948

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

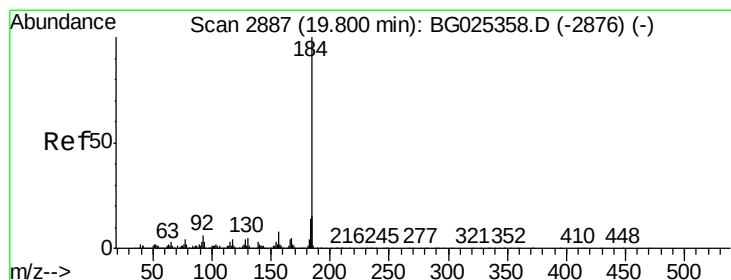
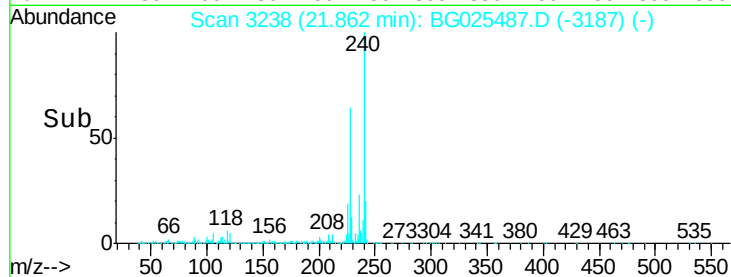
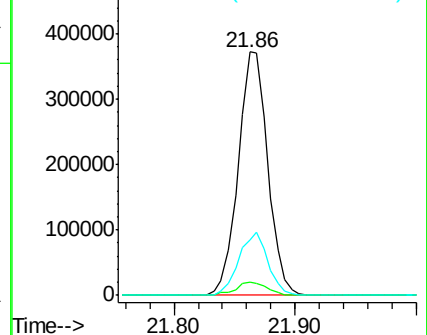
236 23.0 22.2 33.4



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: 29.23 ng

RT: 19.79 min Scan# 2886

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

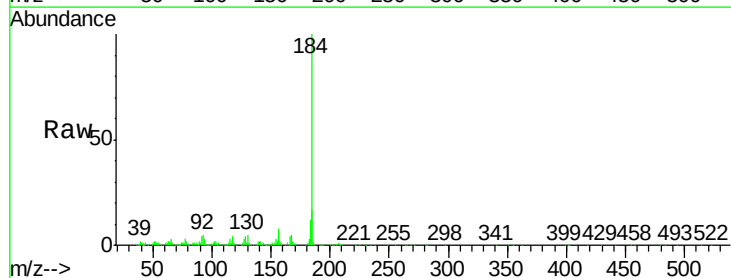
Tgt Ion:184 Resp: 462913

Ion Ratio Lower Upper

184 100

185 17.2 13.0 19.6

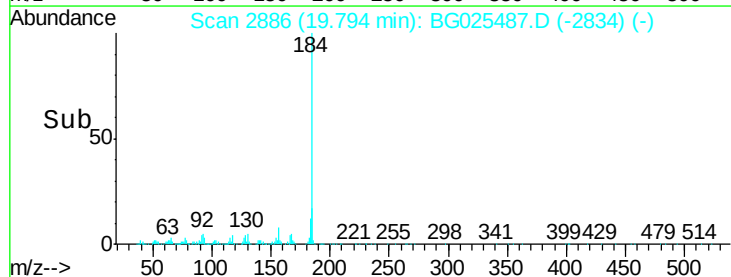
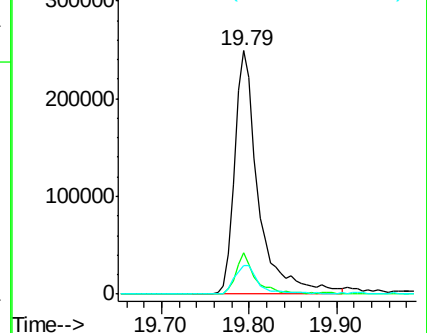
183 11.8 11.0 16.6

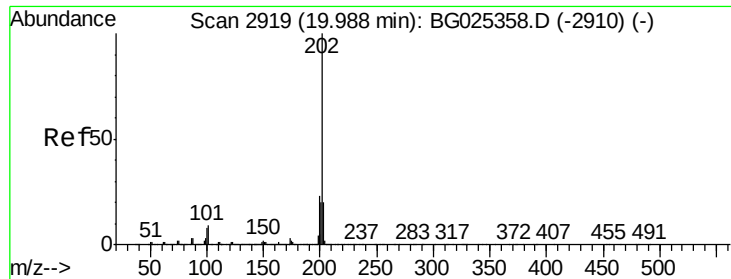


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.58 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

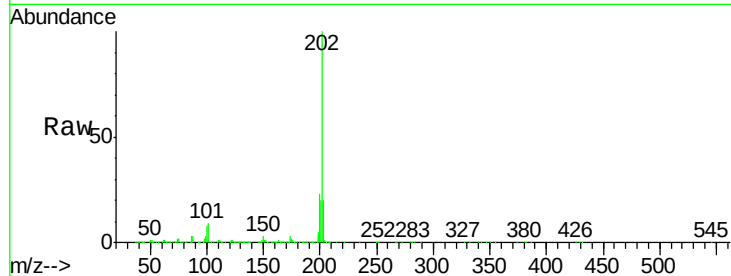
Tgt Ion:202 Resp: 1446073

Ion Ratio Lower Upper

202 100

200 22.8 19.6 29.4

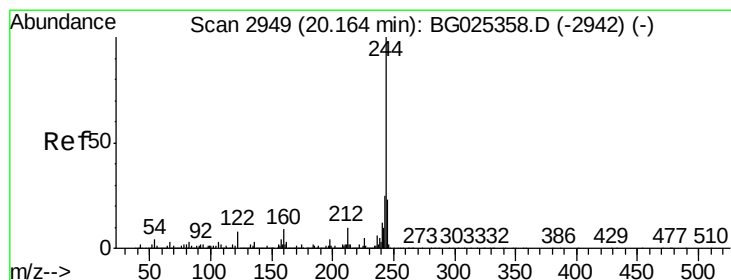
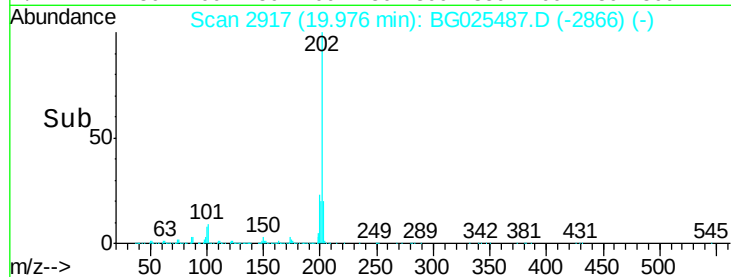
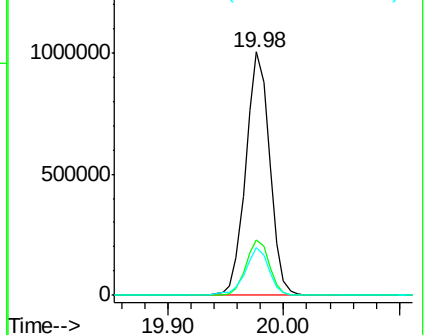
203 19.8 15.8 23.8



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: 89.12 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

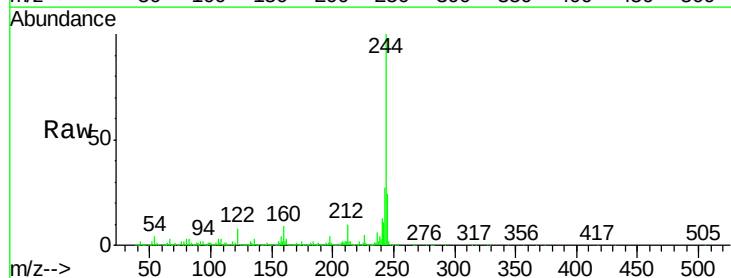
Tgt Ion:244 Resp: 2134266

Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

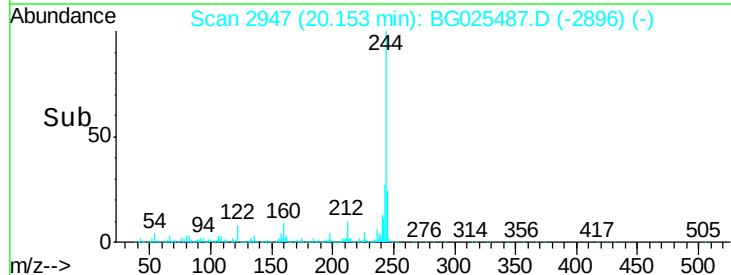
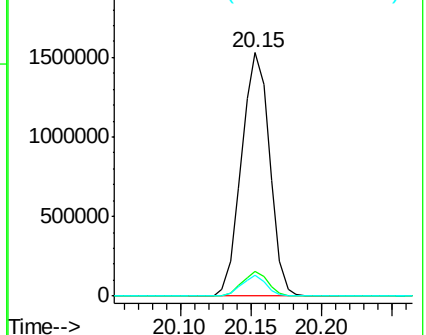
122 8.4 8.6 12.8#

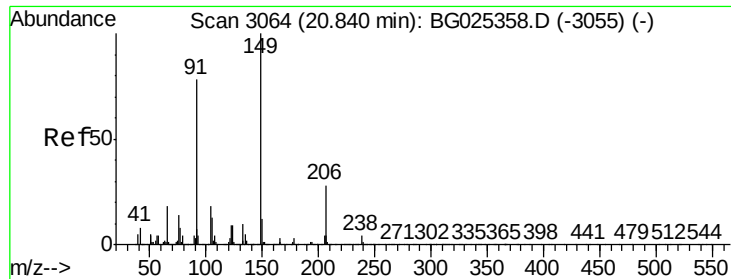


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

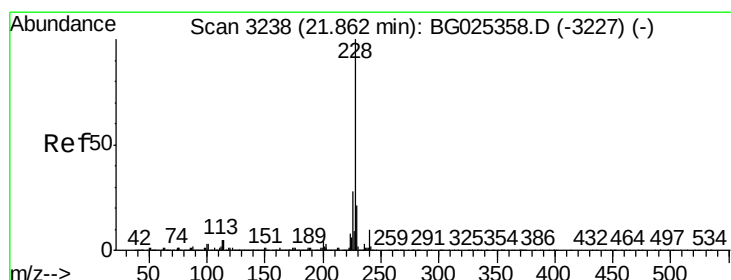
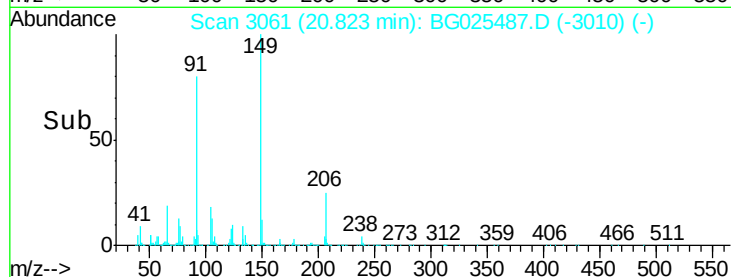
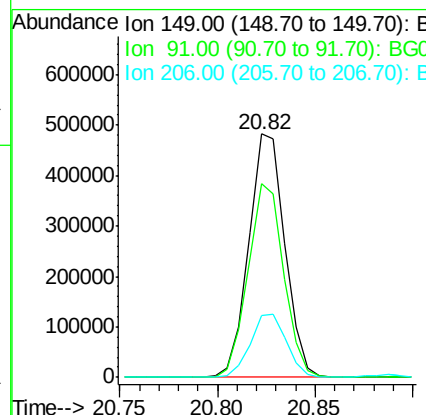
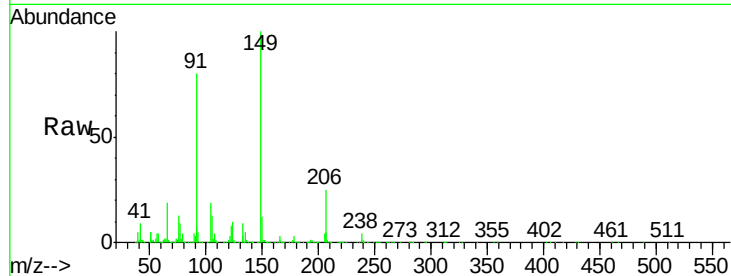




#79
Butylbenzylphthalate
Concen: 46.48 ng
RT: 20.82 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

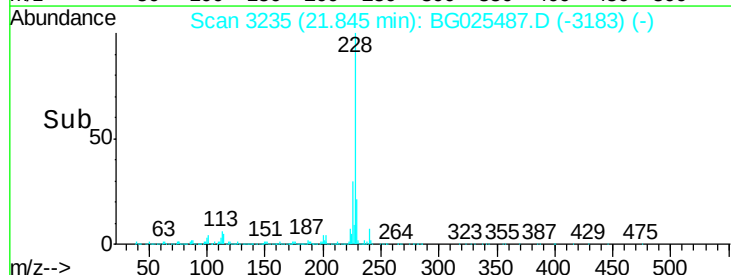
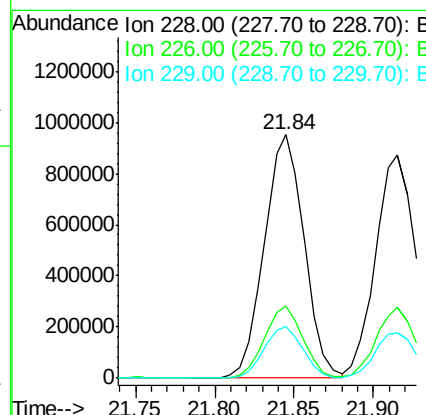
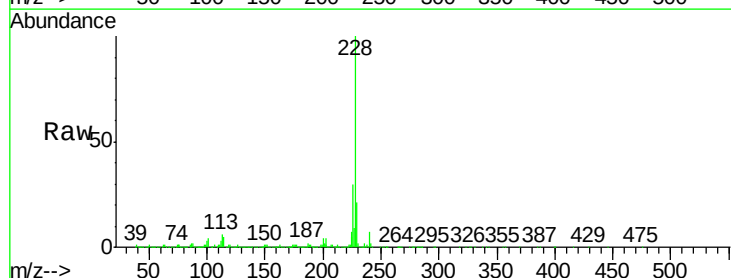
Instrument :
BNA_G
ClientSampleId :
PB95941BS

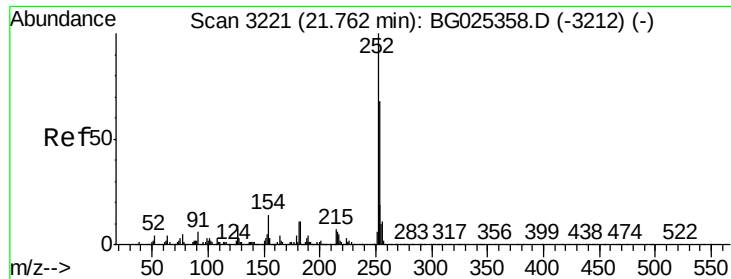
Tgt Ion:149 Resp: 619239
Ion Ratio Lower Upper
149 100
91 79.6 63.5 95.3
206 25.5 21.0 31.6



#80
Benzo(a)anthracene
Concen: 46.83 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.01 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion:228 Resp: 1658472
Ion Ratio Lower Upper
228 100
226 29.8 24.9 37.3
229 21.3 18.2 27.2

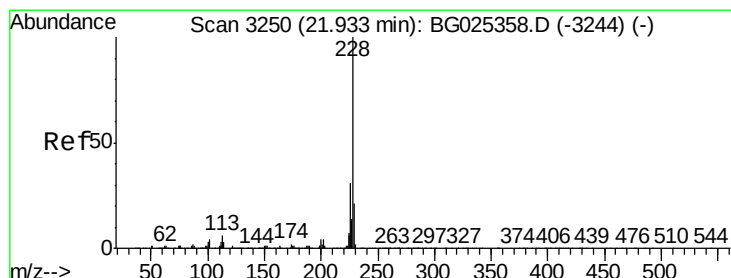
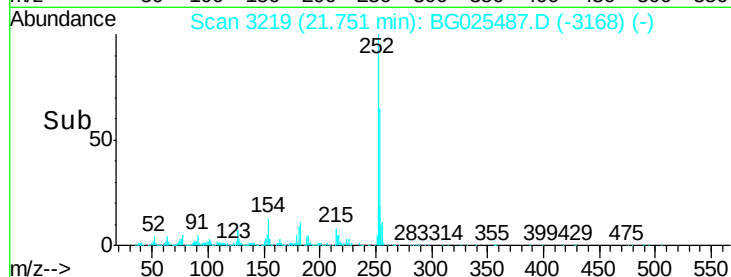
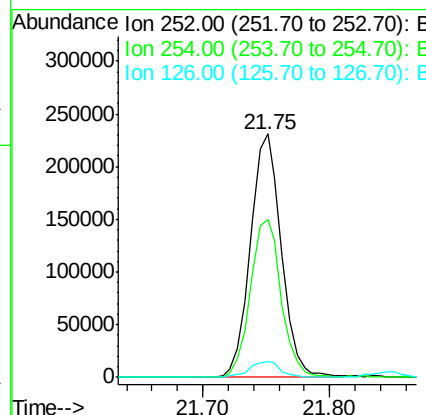
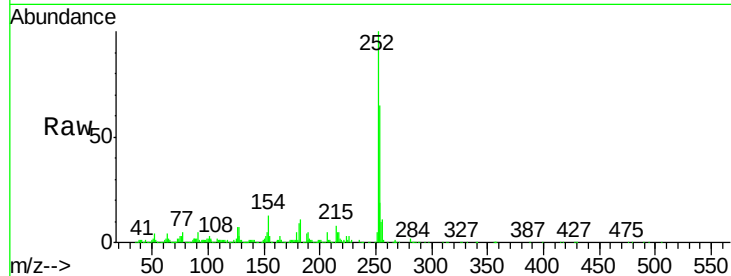




#81
 3,3'-Dichlorobenzidine
 Concen: 28.48 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

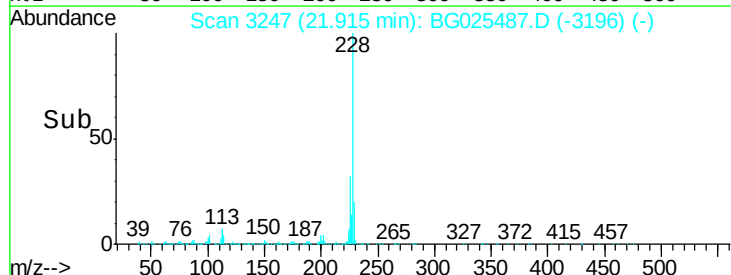
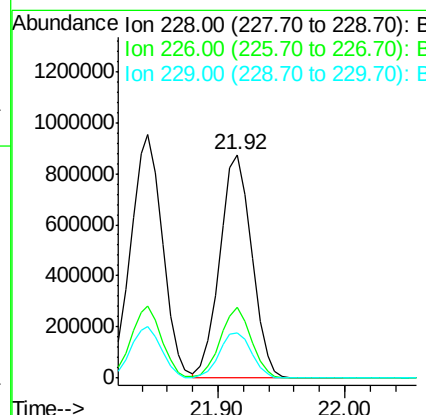
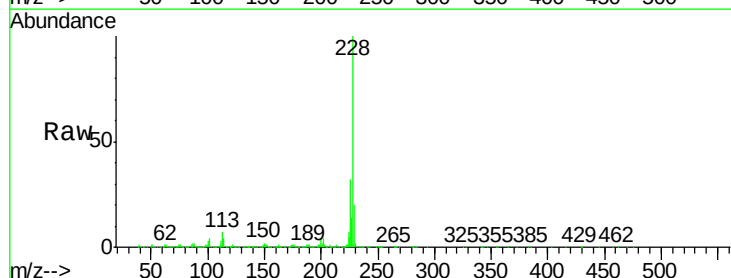
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

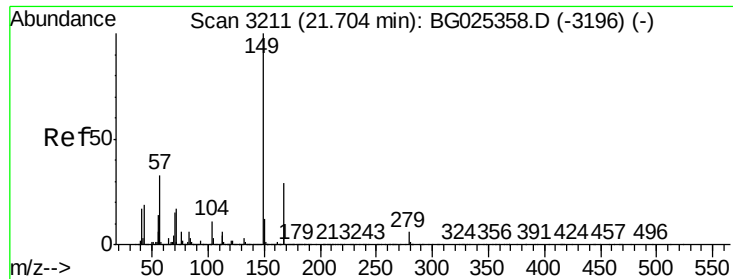
Tgt Ion:252 Resp: 391713
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.1 79.7
 126 6.7 7.0 10.4#



#82
 Chrysene
 Concen: 45.16 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion:228 Resp: 1533902
 Ion Ratio Lower Upper
 228 100
 226 32.0 27.0 40.4
 229 20.3 17.8 26.6

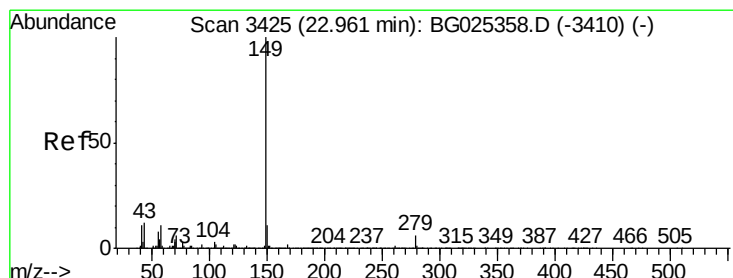
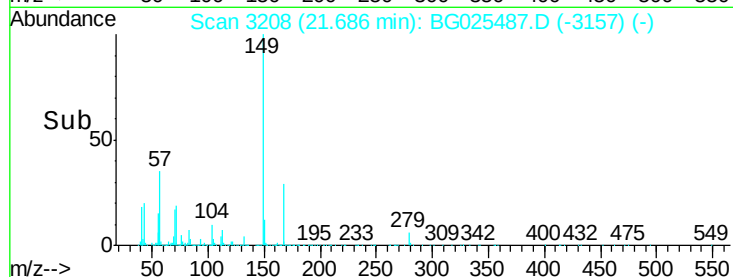
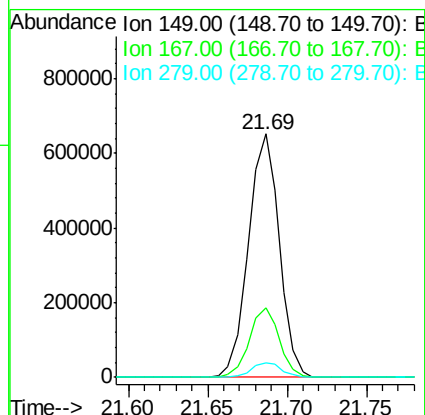
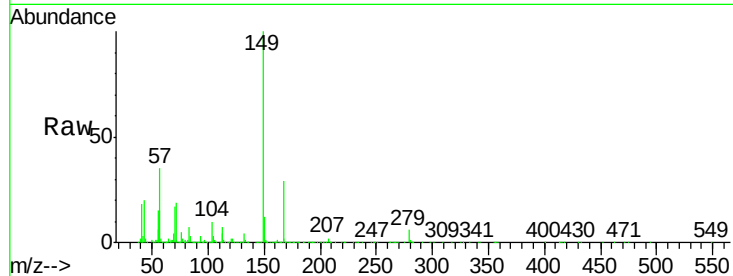




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.51 ng
 RT: 21.69 min Scan# 3208
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

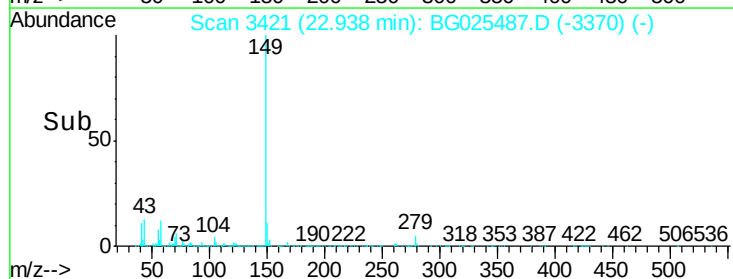
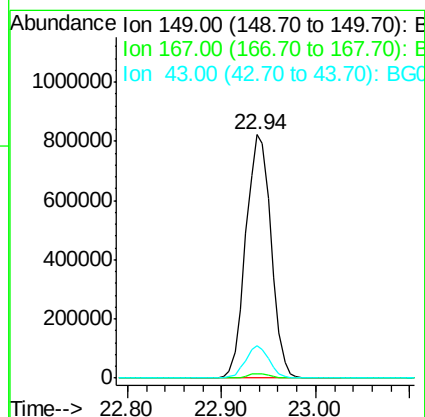
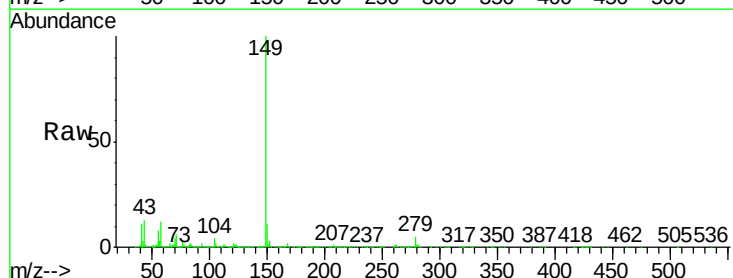
Instrument :
 BNA_G
 ClientSampleId :
 PB95941BS

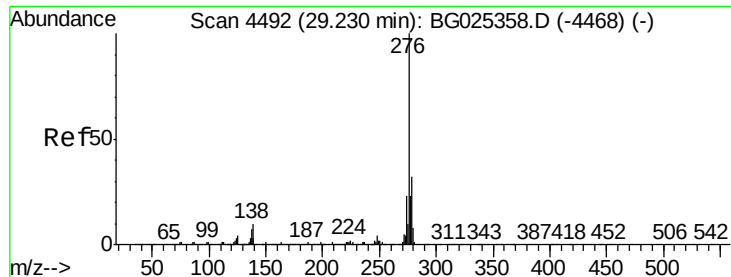
Tgt Ion:149 Resp: 880957
 Ion Ratio Lower Upper
 149 100
 167 28.8 23.7 35.5
 279 5.9 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 49.44 ng
 RT: 22.94 min Scan# 3421
 Delta R.T. -0.00 min
 Lab File: BG025487.D
 Acq: 12 Jan 2017 18:14

Tgt Ion:149 Resp: 1521927
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 12.4 11.8 17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.24 ng

RT: 29.20 min Scan# 4486

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

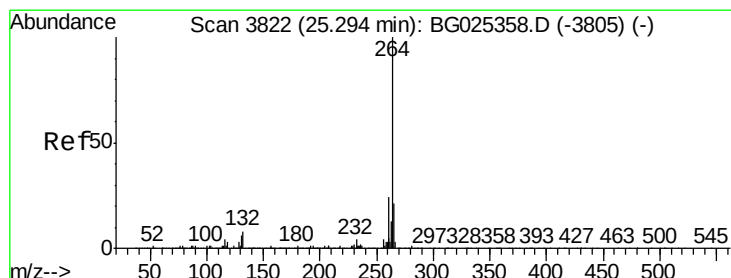
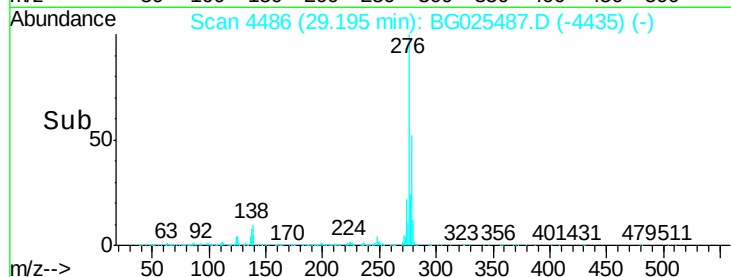
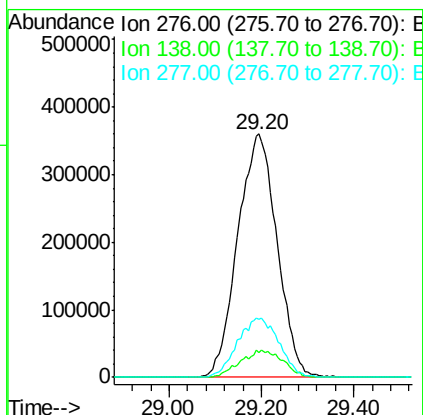
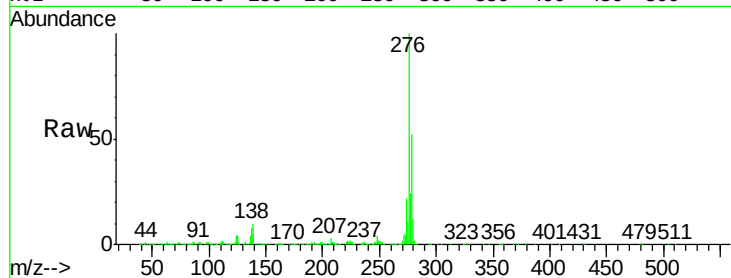
Tgt Ion:276 Resp: 2125940

Ion Ratio Lower Upper

276 100

138 12.0 4.7 7.1#

277 25.8 20.6 31.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

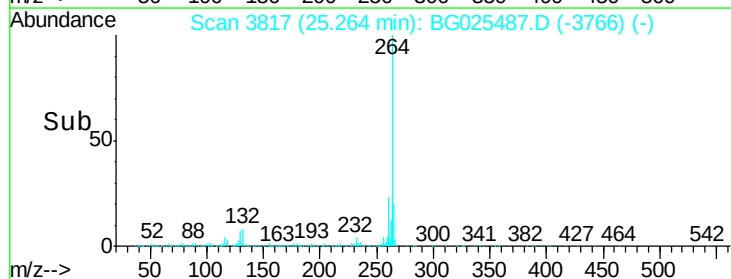
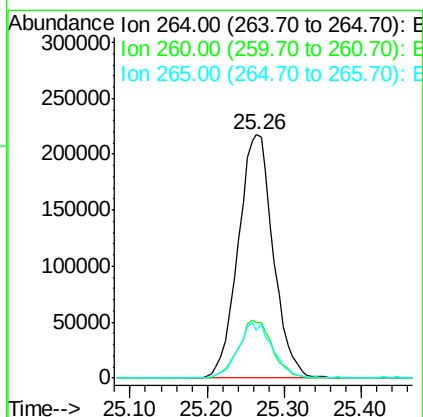
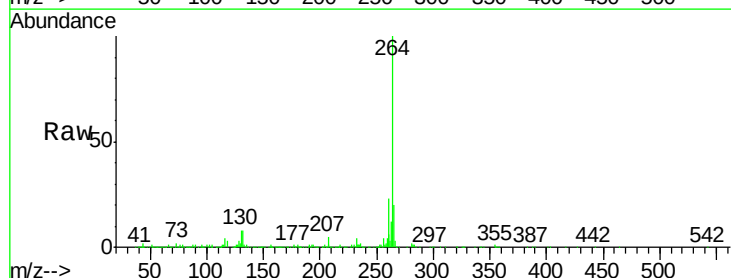
Tgt Ion:264 Resp: 691268

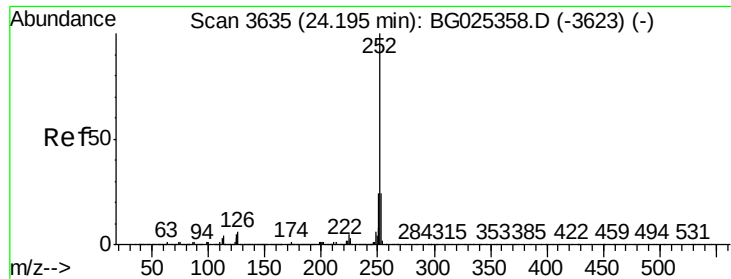
Ion Ratio Lower Upper

264 100

260 22.6 21.8 32.8

265 19.7 18.2 27.4

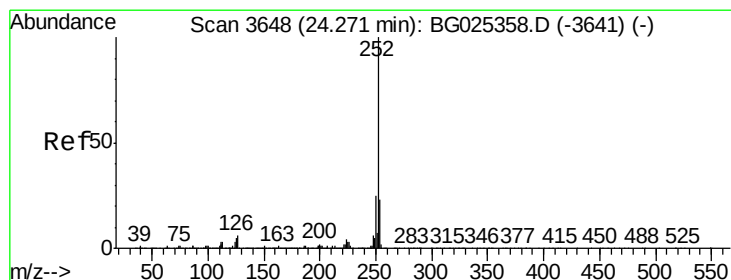
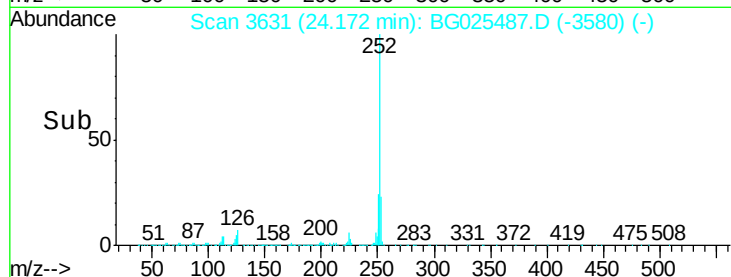
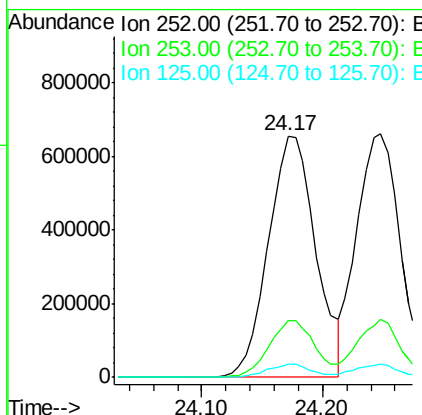
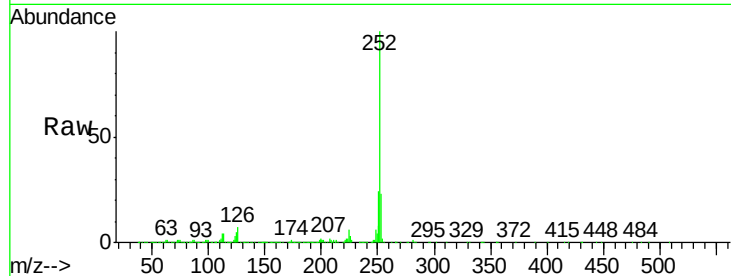




#87
Benzo(b)fluoranthene
Concen: 47.20 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.00 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

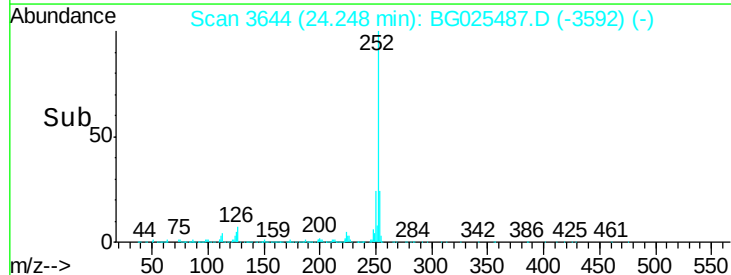
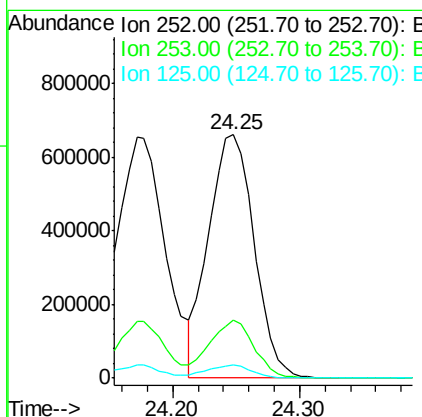
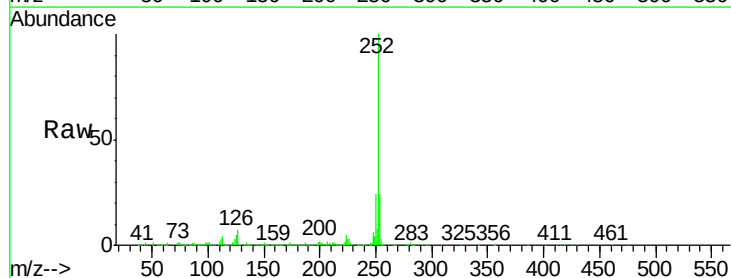
Instrument :
BNA_G
ClientSampleId :
PB95941BS

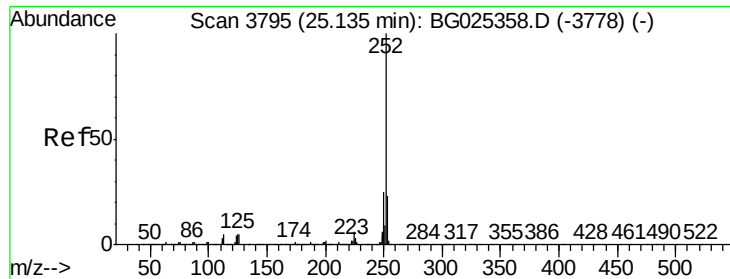
Tgt Ion:252 Resp: 1780064
Ion Ratio Lower Upper
252 100
253 23.4 18.7 28.1
125 5.5 5.3 7.9



#88
Benzo(k)fluoranthene
Concen: 45.21 ng
RT: 24.25 min Scan# 3644
Delta R.T. 0.01 min
Lab File: BG025487.D
Acq: 12 Jan 2017 18:14

Tgt Ion:252 Resp: 1646862
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.2
125 5.3 5.1 7.7





#89

Benzo(a)pyrene

Concen: 45.92 ng

RT: 25.10 min Scan# 3789

Delta R.T. -0.00 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

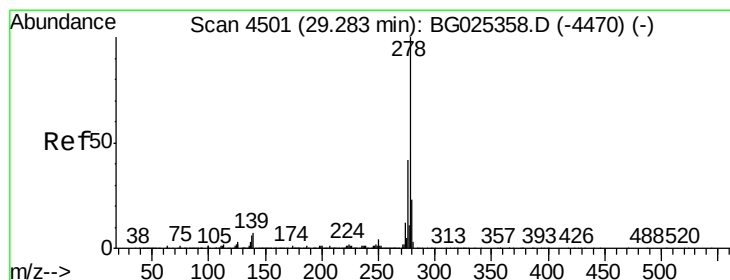
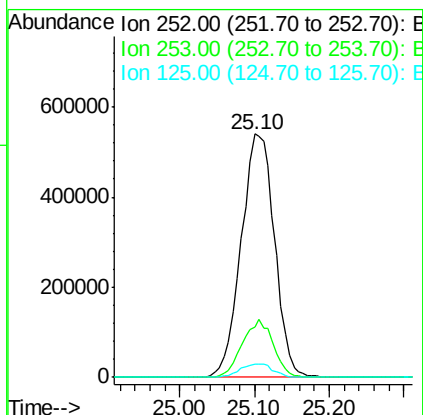
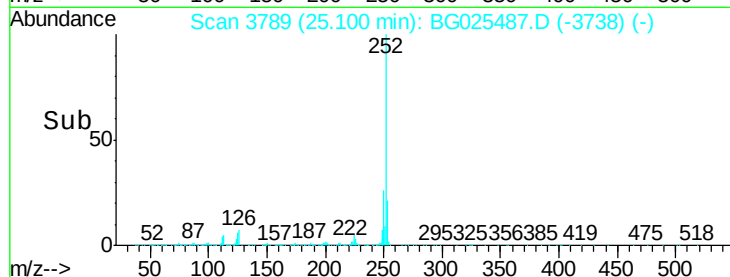
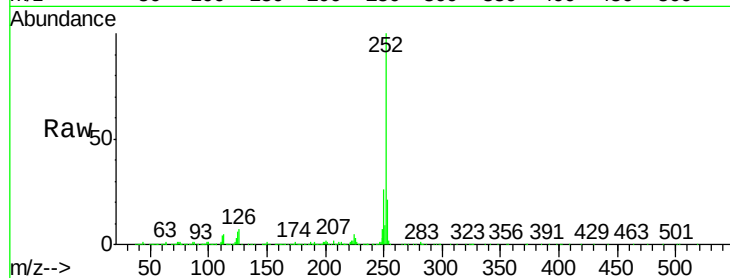
Tgt Ion:252 Resp: 1672875

Ion Ratio Lower Upper

252 100

253 20.8 19.2 28.8

125 5.5 5.4 8.0



#90

Dibenzo(a,h)anthracene

Concen: 46.27 ng

RT: 29.24 min Scan# 4493

Delta R.T. 0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

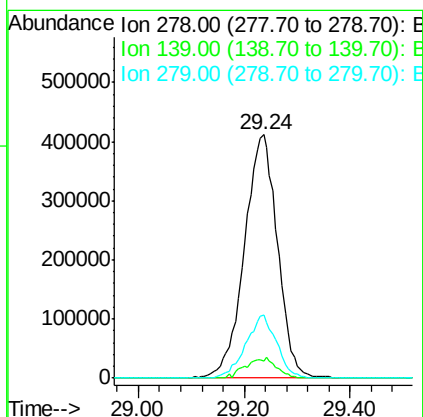
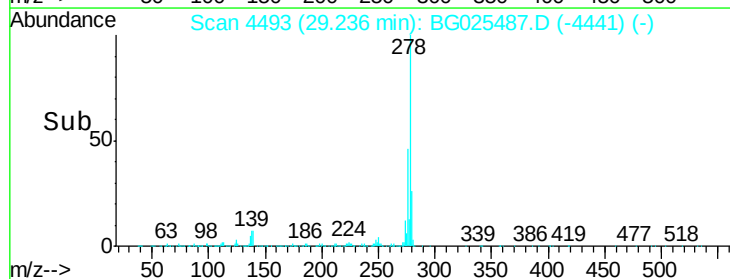
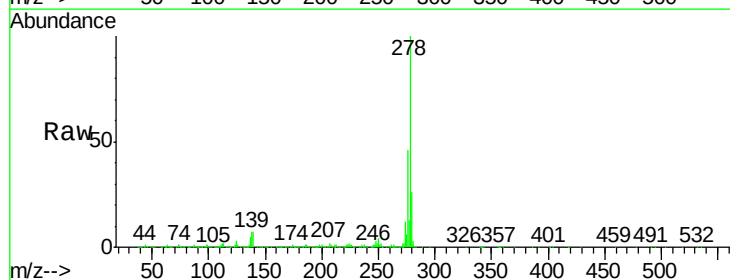
Tgt Ion:278 Resp: 1786509

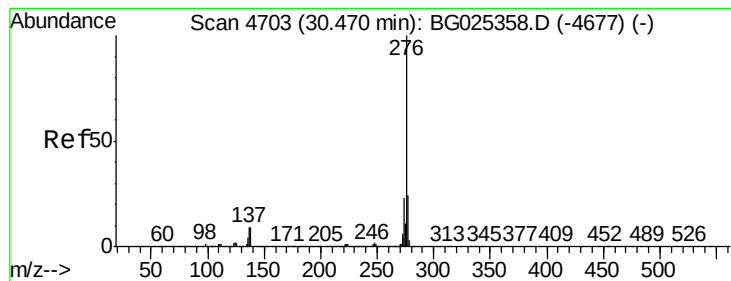
Ion Ratio Lower Upper

278 100

139 7.1 7.7 11.5#

279 25.9 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 45.62 ng

RT: 30.42 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BG025487.D

Acq: 12 Jan 2017 18:14

Instrument :

BNA_G

ClientSampleId :

PB95941BS

Tgt Ion: 276 Resp: 1750351

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 8.7 8.1 12.1

