

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
 Data File : BG024634.D
 Acq On : 2 Nov 2016 20:37
 Operator : UM/SJ
 Sample : PB94494BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94494BS

Quant Time: Nov 03 03:21:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	125359	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	472559	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	349067	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	764594	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1019432	20.00	ng	0.00
86) Perylene-d12	25.35	264	1092873	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	951436	124.39	ng	0.00
7) Phenol-d6	7.40	99	1308996	124.76	ng	0.00
23) Nitrobenzene-d5	9.44	82	909242	87.60	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	688542	132.03	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1820566	86.69	ng	0.00
78) Terphenyl-d14	20.21	244	2957131	86.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	96840	30.99	ng	93
3) Pyridine	4.07	79	306268	32.73	ng	90
4) n-Nitrosodimethylamine	3.99	42	174665	36.06	ng	86
6) Aniline	7.59	93	424214	31.92	ng	98
8) 2-Chlorophenol	7.83	128	322744	41.50	ng	93
9) Benzaldehyde	7.40	77	57490	8.87	ng	97
10) Phenol	7.43	94	464635	42.96	ng	89
11) bis(2-Chloroethyl)ether	7.68	93	326159	40.14	ng	88
12) 1,3-Dichlorobenzene	8.16	146	360656	37.46	ng	96
13) 1,4-Dichlorobenzene	8.30	146	373393	39.27	ng	99
14) 1,2-Dichlorobenzene	8.63	146	348724	38.14	ng	93
15) Benzyl Alcohol	8.50	79	380712	39.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.79	45	542363	35.98	ng	94
17) 2-Methylphenol	8.70	107	296563	41.38	ng	94
18) Hexachloroethane	9.36	117	143500	39.26	ng	84
19) n-Nitroso-di-n-propylamine	9.07	70	301856	39.04	ng	91
20) 3+4-Methylphenols	9.02	107	410625	42.68	ng	98
22) Acetophenone	9.10	105	512498	42.22	ng	# 91
24) Nitrobenzene	9.49	77	465874	40.35	ng	95
25) Isophorone	10.00	82	799945	41.43	ng	98
26) 2-Nitrophenol	10.20	139	182724	42.64	ng	94
27) 2,4-Dimethylphenol	10.24	122	334344	44.56	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	450578	45.11	ng	# 98
29) 2,4-Dichlorophenol	10.73	162	346089	43.95	ng	94
30) 1,2,4-Trichlorobenzene	10.95	180	398215	42.63	ng	98
31) Naphthalene	11.15	128	937759	39.78	ng	97
32) Benzoic acid	10.35	122	148492	23.77	ng	95
33) 4-Chloroaniline	11.25	127	277148	27.08	ng	93
34) Hexachlorobutadiene	11.41	225	301139	41.19	ng	94
35) Caprolactam	12.01	113	121925m	42.29	ng	
36) 4-Chloro-3-methylphenol	12.34	107	395491	41.60	ng	92
37) 2-Methylnaphthalene	12.73	142	694699	40.39	ng	100
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	488755	41.51	ng	98
40) Hexachlorocyclopentadiene	13.06	237	682048	102.87	ng	96

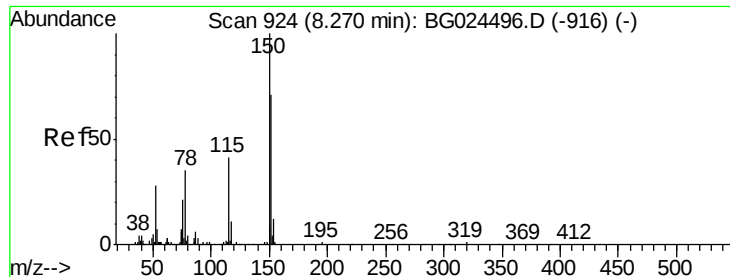
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	308128	43.54	ng	99
43) 2,4,5-Trichlorophenol	13.39	196	326243	42.64	ng	99
45) 1,1'-Biphenyl	13.72	154	975603	40.28	ng	95
46) 2-Chloronaphthalene	13.77	162	798969	43.32	ng	94
47) 2-Nitroaniline	13.97	65	309057	40.92	ng	99
48) Acenaphthylene	14.61	152	1156925	40.90	ng	99
49) Dimethylphthalate	14.33	163	1041980	42.05	ng	98
50) 2,6-Dinitrotoluene	14.46	165	236252	44.66	ng	91
51) Acenaphthene	14.95	154	787190	37.33	ng	97
52) 3-Nitroaniline	14.79	138	172513	31.51	ng	98
53) 2,4-Dinitrophenol	14.99	184	250011	65.21	ng	96
54) Dibenzofuran	15.28	168	1227765	42.11	ng	96
55) 4-Nitrophenol	15.08	139	382921	80.28	ng	# 83
56) 2,4-Dinitrotoluene	15.24	165	342616	44.57	ng	# 90
57) Fluorene	15.92	166	989675	40.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	343970	43.36	ng	94
59) Diethylphthalate	15.68	149	1031735	39.71	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	570017	42.02	ng	92
62) Azobenzene	16.20	77	1085448	41.89	ng	95
64) 4,6-Dinitro-2-methylphenol	15.99	198	202038	38.35	ng	90
65) n-Nitrosodiphenylamine	16.12	169	913769	43.72	ng	97
66) 4-Bromophenyl-phenylether	16.81	248	406278	43.77	ng	92
67) Hexachlorobenzene	16.92	284	451299	44.00	ng	# 87
68) Atrazine	17.06	200	393759	43.92	ng	97
69) Pentachlorophenol	17.27	266	513970	75.94	ng	97
70) Phenanthrene	17.67	178	1643342	42.17	ng	98
71) Anthracene	17.76	178	1689979	42.98	ng	98
72) Carbazole	18.03	167	1485609	41.43	ng	98
73) Di-n-butylphthalate	18.56	149	1704244	41.22	ng	97
74) Fluoranthene	19.66	202	2091289	42.45	ng	97
76) Benzidine	19.84	184	1082004	45.05	ng	99
77) Pyrene	20.03	202	2124174	42.62	ng	99
79) Butylbenzylphthalate	20.88	149	892330	42.95	ng	100
80) Benzo(a)anthracene	21.90	228	2423402	43.27	ng	99
81) 3,3'-Dichlorobenzidine	21.81	252	705827	31.24	ng	# 97
82) Chrysene	21.97	228	2266592	42.50	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1258636	42.35	ng	99
84) Di-n-octyl phthalate	23.03	149	2174928	44.10	ng	# 93
85) Indeno(1,2,3-cd)pyrene	29.30	276	3110676	42.25	ng	# 98
87) Benzo(b)fluoranthene	24.25	252	2523111	42.71	ng	99
88) Benzo(k)fluoranthene	24.33	252	2470360	43.30	ng	98
89) Benzo(a)pyrene	25.19	252	2441966	42.30	ng	98
90) Dibenzo(a,h)anthracene	29.36	278	2623995	41.42	ng	97
91) Benzo(g,h,i)perylene	30.53	276	2571607	40.63	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

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BNA_G

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PB94494BS

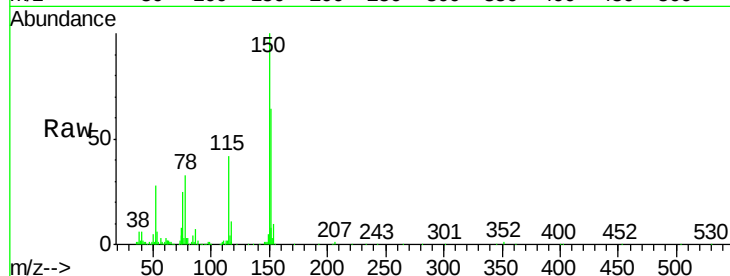
Tgt Ion:152 Resp: 125359

Ion Ratio Lower Upper

152 100

150 156.3 114.0 171.0

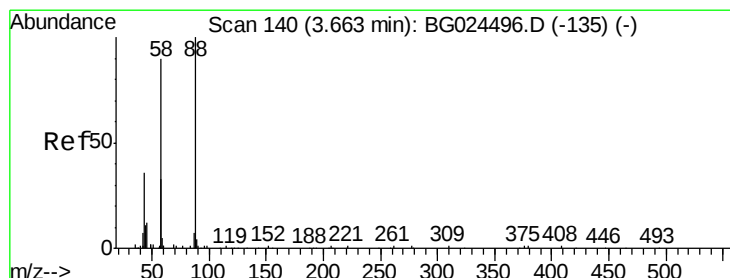
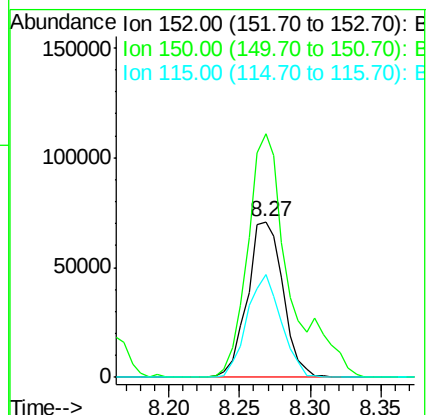
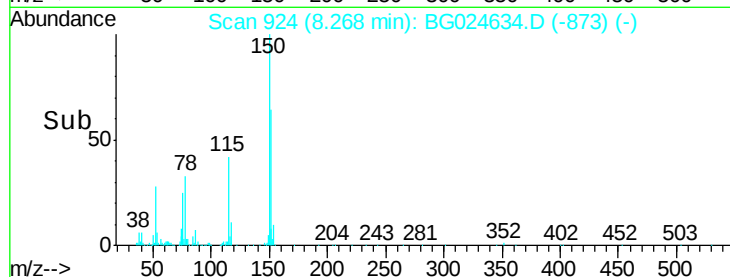
115 66.3 48.1 72.1



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: 30.99 ng

RT: 3.66 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

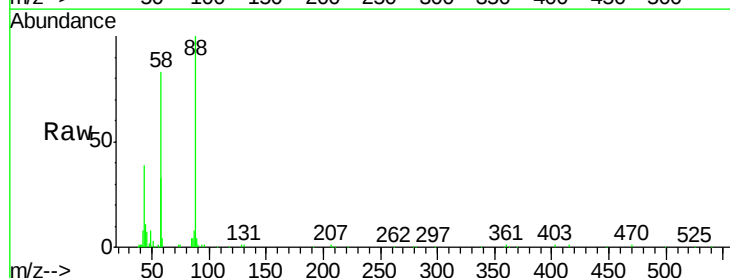
Tgt Ion: 88 Resp: 96840

Ion Ratio Lower Upper

88 100

58 91.5 79.4 119.2

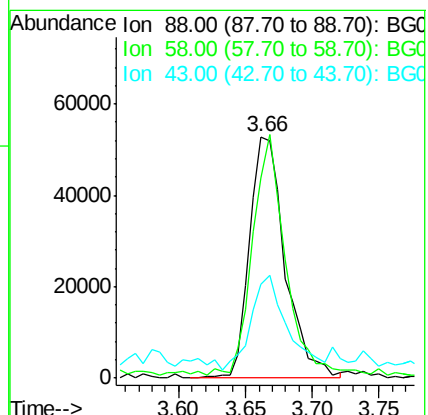
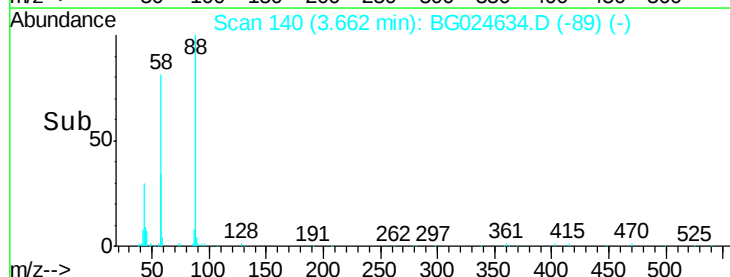
43 39.4 33.8 50.6

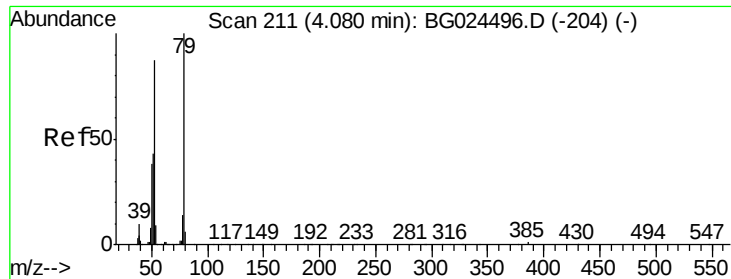


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.73 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

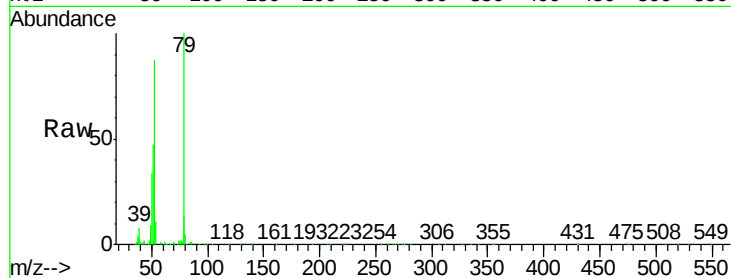
Tgt Ion: 79 Resp: 306268

Ion Ratio Lower Upper

79 100

52 87.1 77.8 116.6

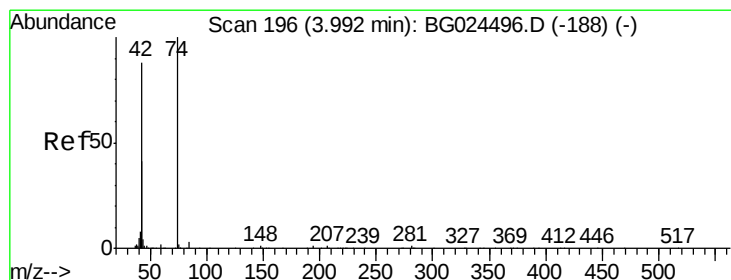
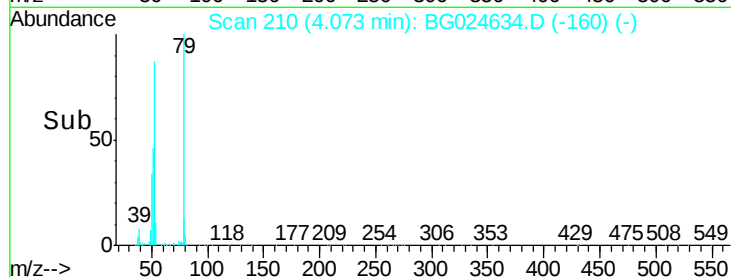
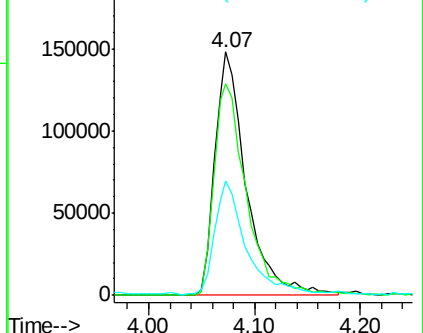
51 46.8 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.06 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

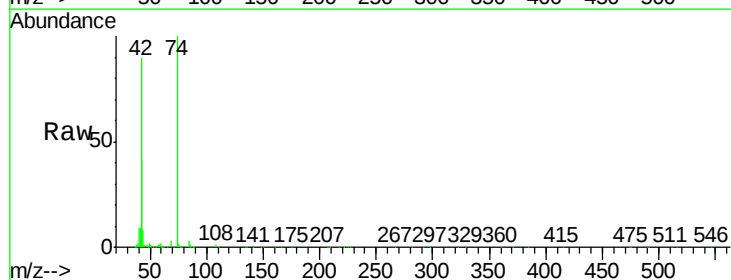
Tgt Ion: 42 Resp: 174665

Ion Ratio Lower Upper

42 100

74 110.8 76.7 115.1

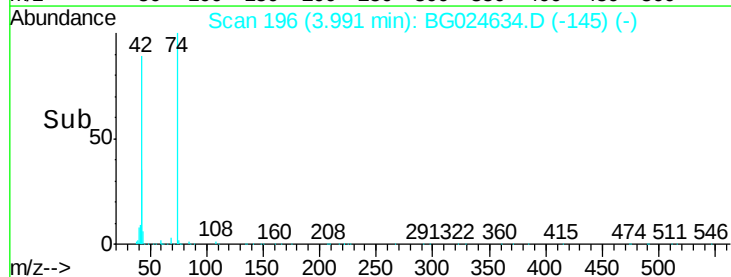
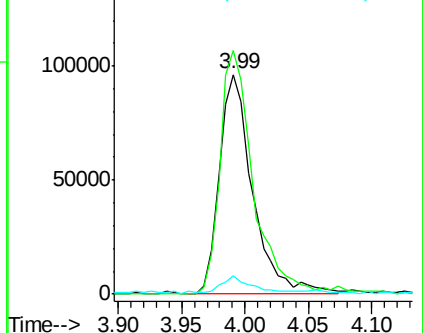
44 8.5 6.1 9.1

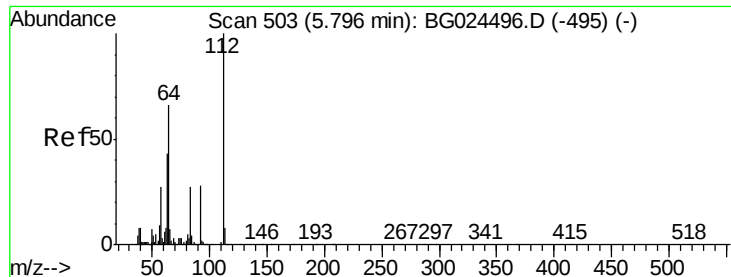


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 124.39 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

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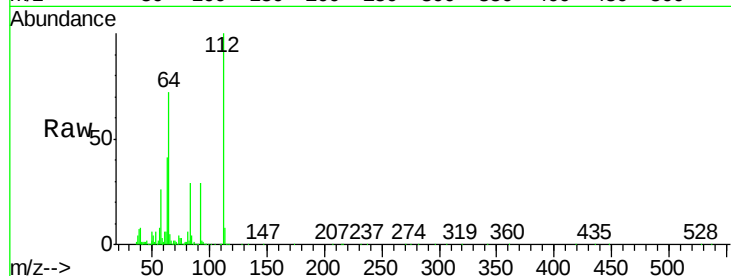
Tgt Ion: 112 Resp: 951436

Ion Ratio Lower Upper

112 100

64 72.0 61.8 92.6

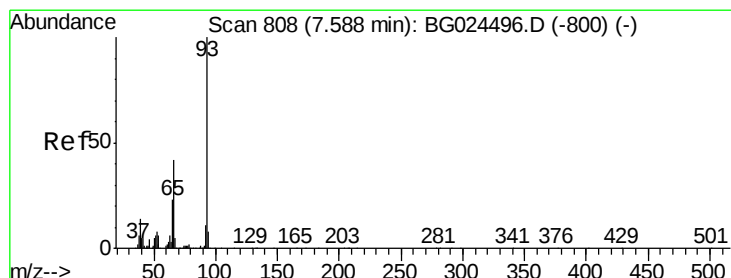
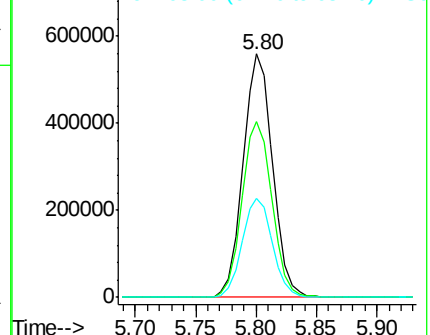
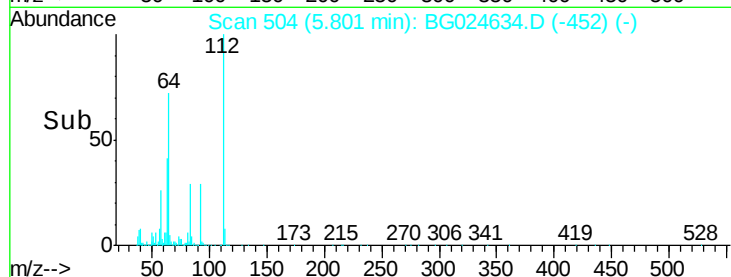
63 40.6 37.2 55.8



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: 31.92 ng

RT: 7.59 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

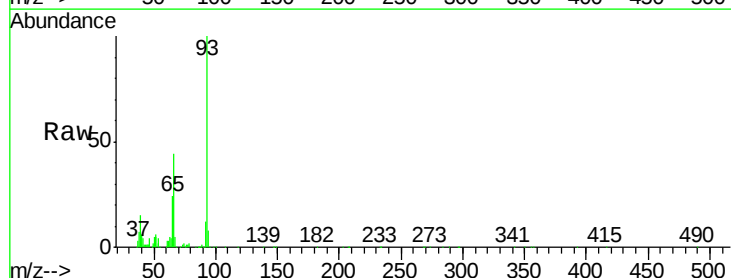
Tgt Ion: 93 Resp: 424214

Ion Ratio Lower Upper

93 100

66 44.3 35.4 53.2

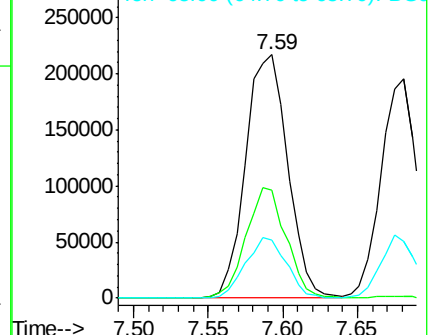
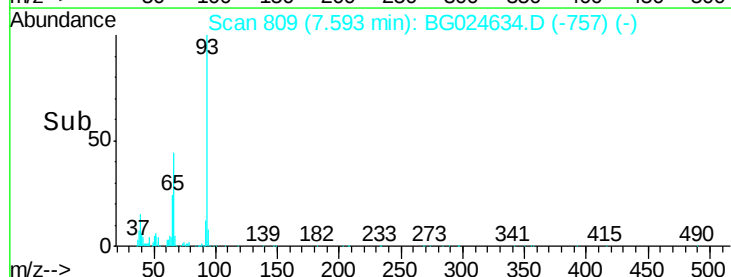
65 24.0 21.2 31.8

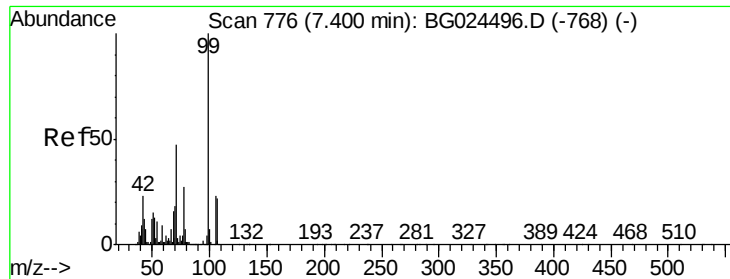


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.76 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

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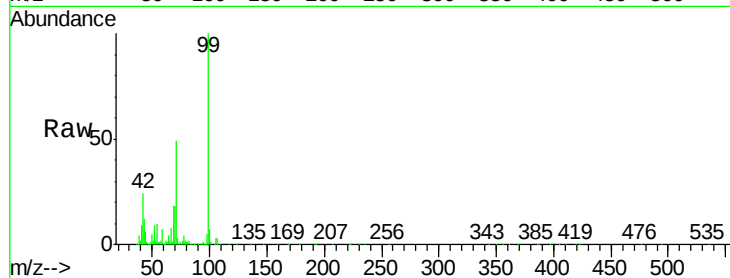
Tgt Ion: 99 Resp: 1308996

Ion Ratio Lower Upper

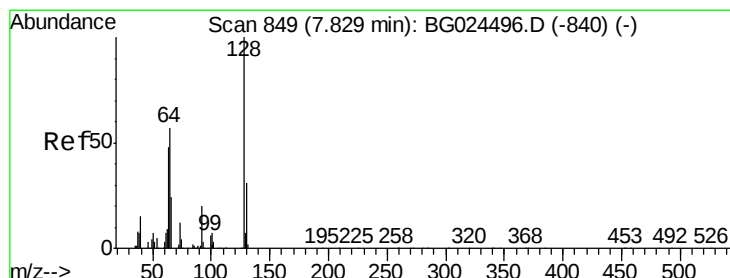
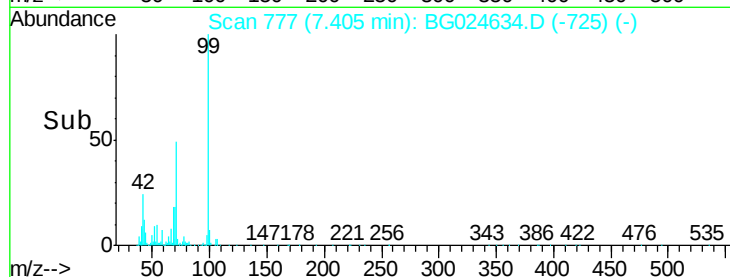
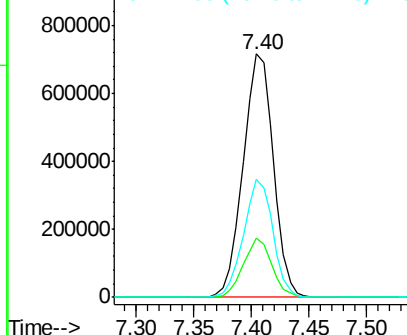
99 100

42 24.1 20.5 30.7

71 48.5 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: 41.50 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

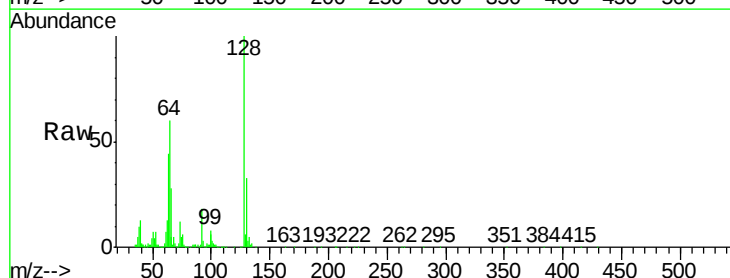
Tgt Ion: 128 Resp: 322744

Ion Ratio Lower Upper

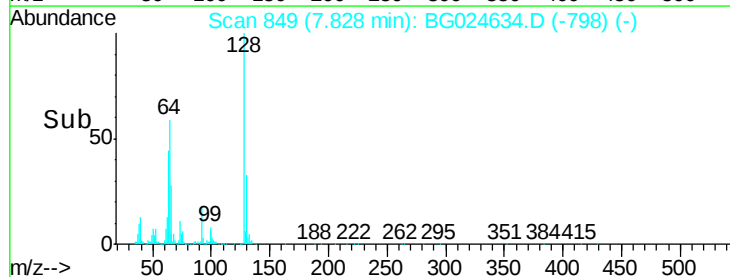
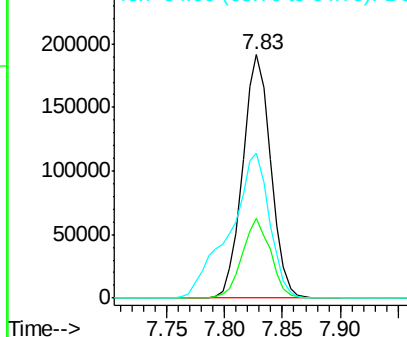
128 100

130 32.9 11.4 51.4

64 59.5 46.6 86.6



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





#9

Benzaldehyde

Concen: 8.87 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024634.D

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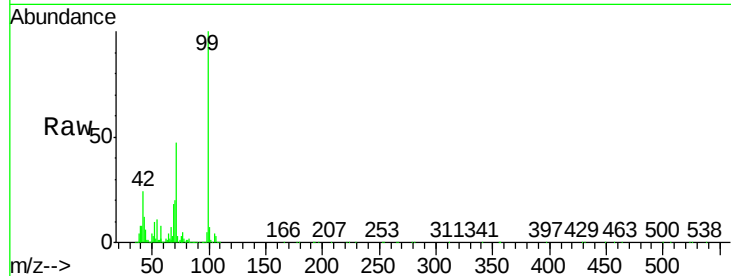
Tgt Ion: 77 Resp: 57490

Ion Ratio Lower Upper

77 100

105 84.3 60.9 100.9

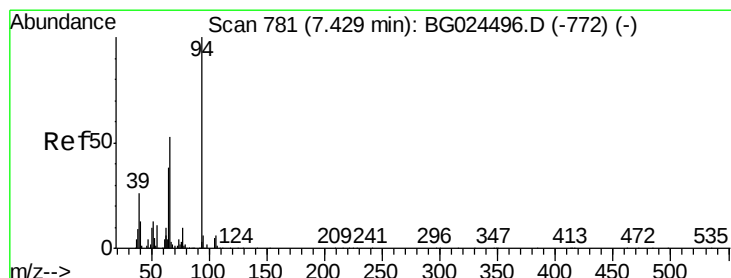
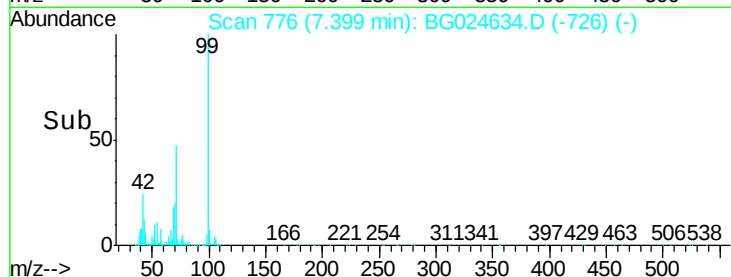
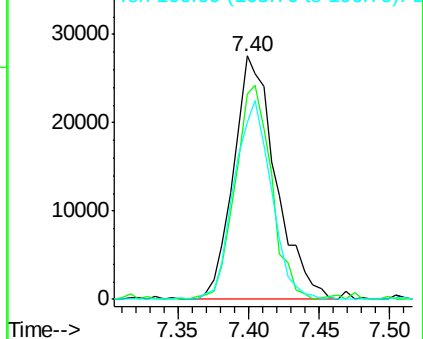
106 73.0 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.96 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

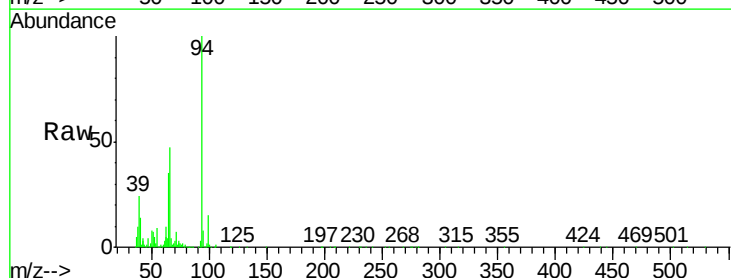
Tgt Ion: 94 Resp: 464635

Ion Ratio Lower Upper

94 100

65 35.2 20.6 60.6

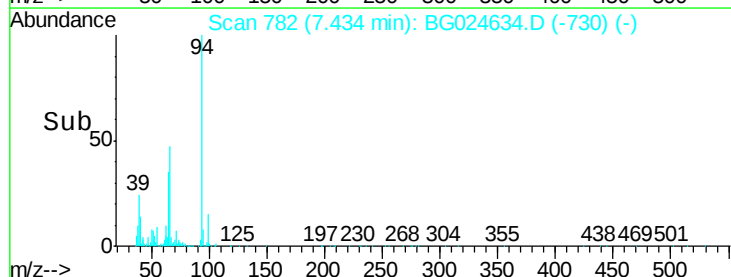
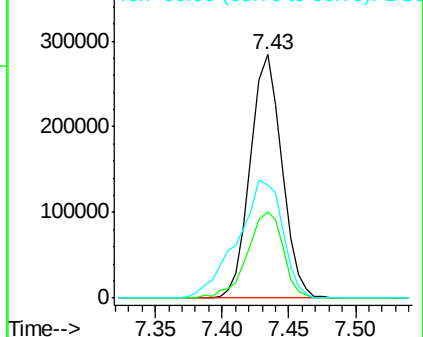
66 46.6 35.5 75.5

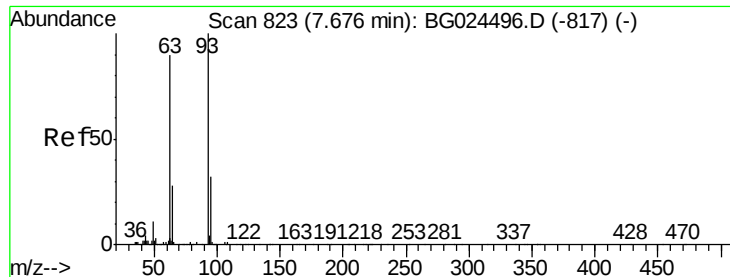


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

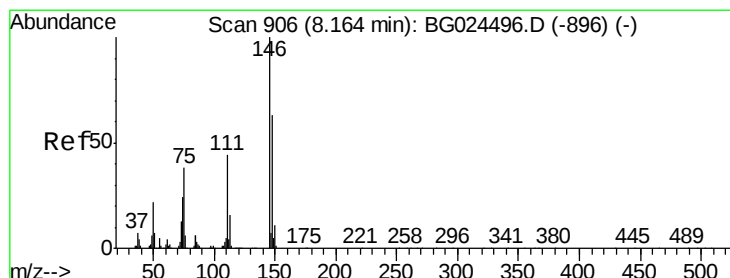
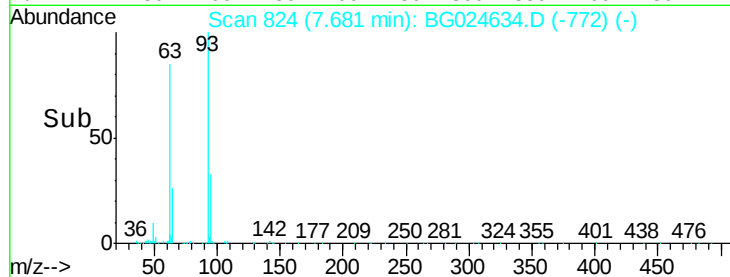
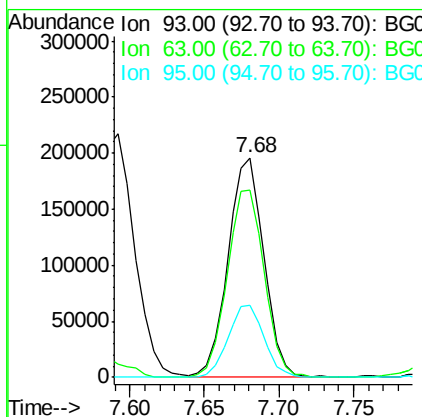
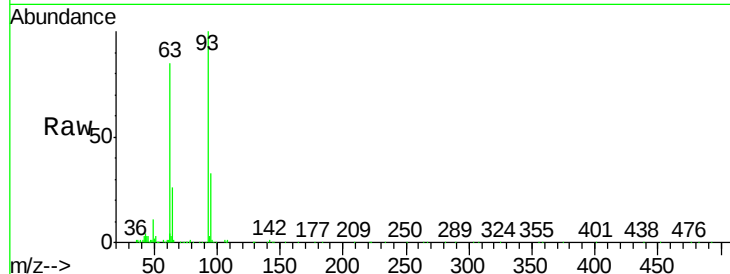




#11
bis(2-Chloroethyl)ether
Concen: 40.14 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

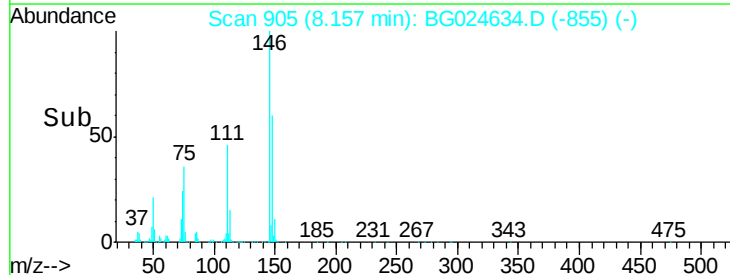
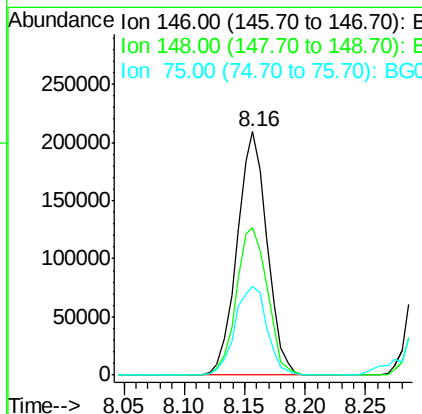
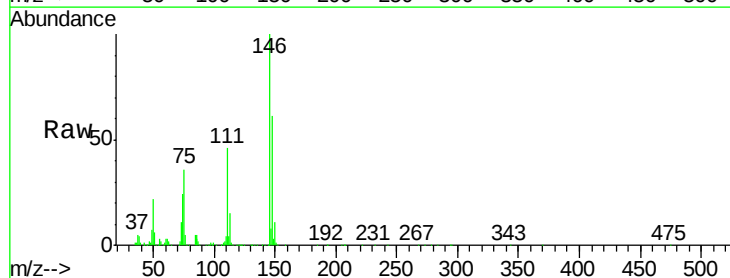
Instrument :
BNA_G
ClientSampleId :
PB94494BS

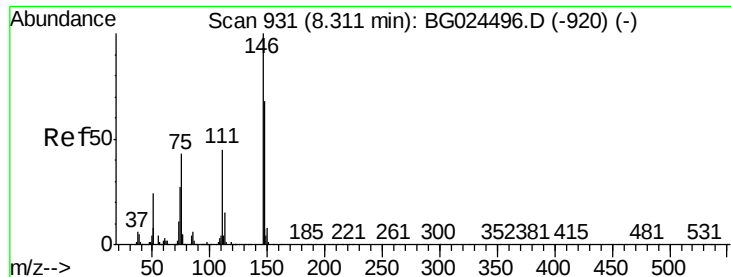
Tgt Ion: 93 Resp: 326159
Ion Ratio Lower Upper
93 100
63 85.1 78.5 118.5
95 33.0 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 37.46 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion: 146 Resp: 360656
Ion Ratio Lower Upper
146 100
148 60.6 49.2 73.8
75 36.3 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 39.27 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

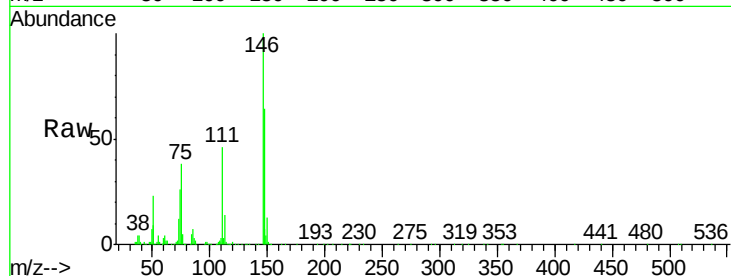
Tgt Ion:146 Resp: 373393

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

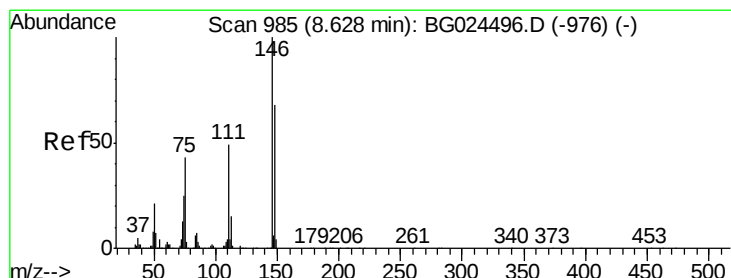
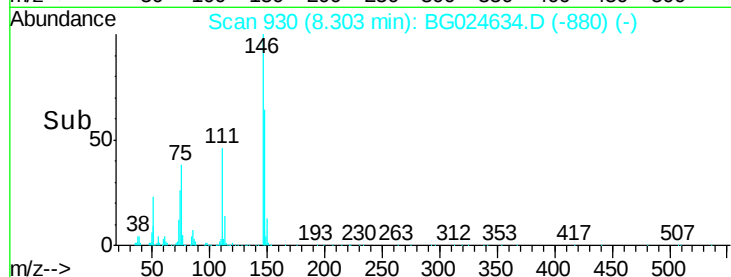
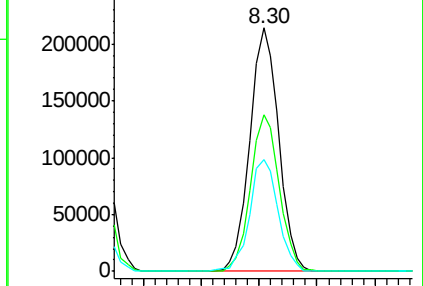
111 46.0 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.14 ng

RT: 8.63 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

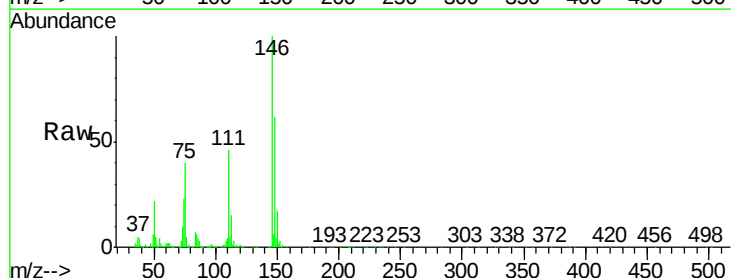
Tgt Ion:146 Resp: 348724

Ion Ratio Lower Upper

146 100

148 62.1 54.6 81.8

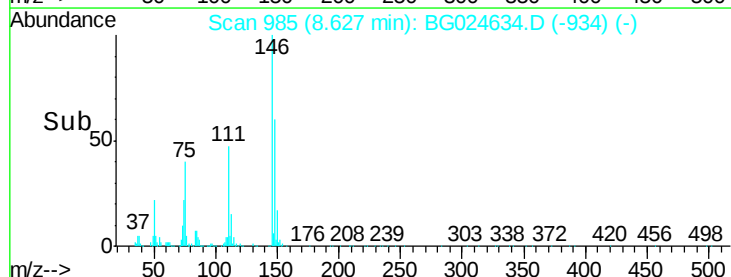
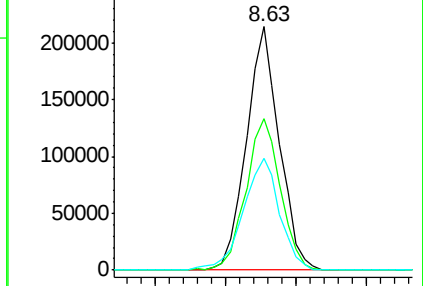
111 46.1 39.7 59.5

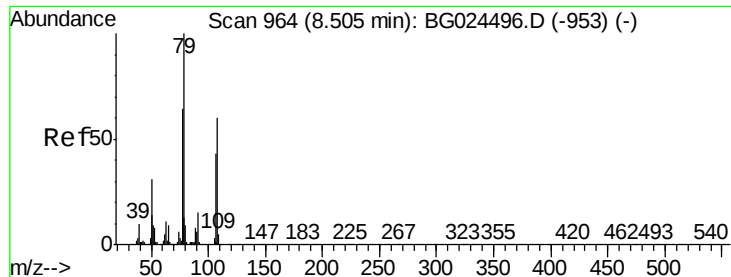


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.01 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

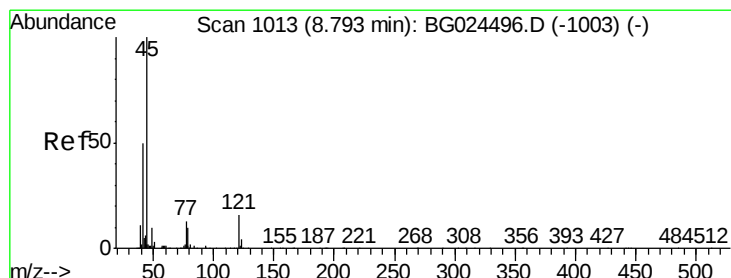
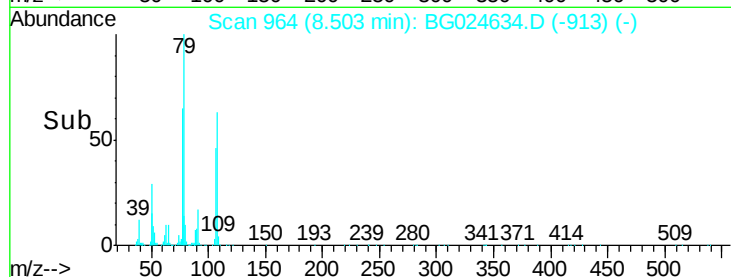
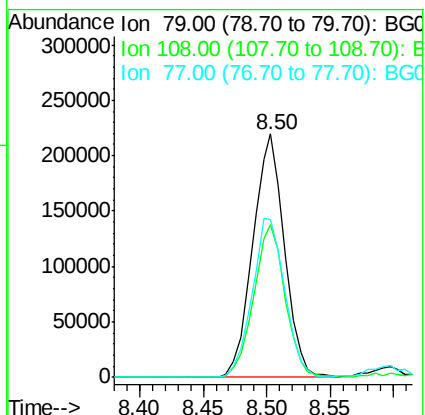
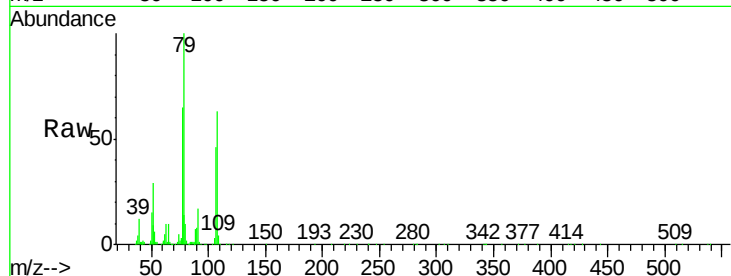
Tgt Ion: 79 Resp: 380712

Ion Ratio Lower Upper

79 100

108 62.7 45.5 68.3

77 64.7 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.98 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

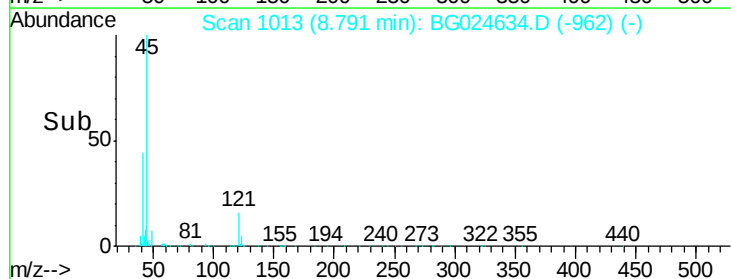
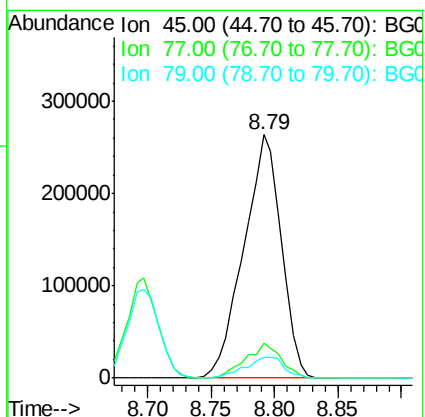
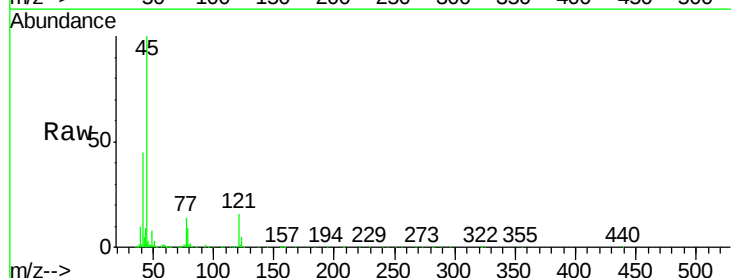
Tgt Ion: 45 Resp: 542363

Ion Ratio Lower Upper

45 100

77 14.2 0.0 30.6

79 8.7 0.0 28.5





#17

2-Methylphenol

Concen: 41.38 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

Tgt Ion:107 Resp: 296563

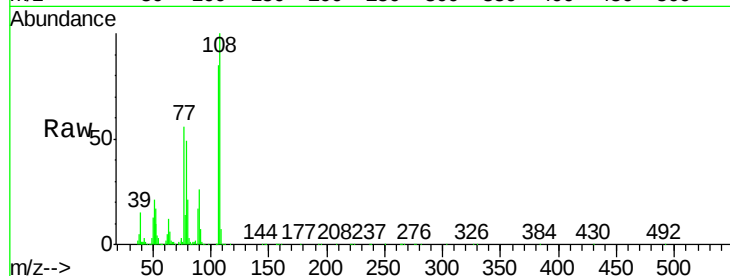
Ion Ratio Lower Upper

107 100

108 117.2 85.6 128.4

77 65.1 51.4 77.2

79 57.1 49.2 73.8

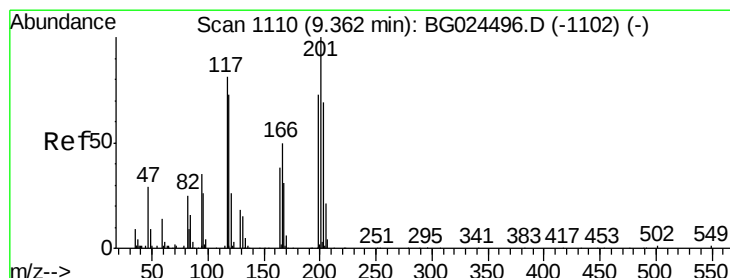
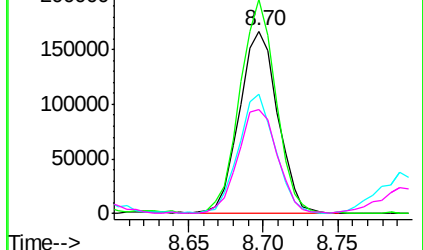
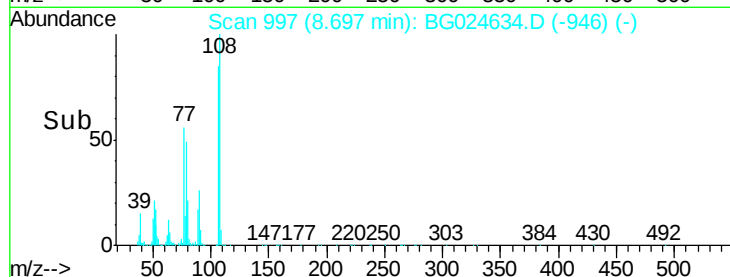


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.26 ng

RT: 9.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

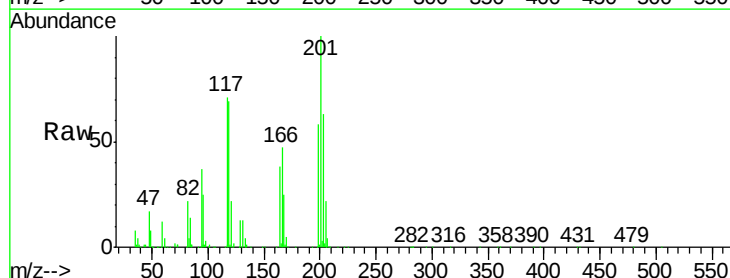
Tgt Ion:117 Resp: 143500

Ion Ratio Lower Upper

117 100

119 97.7 69.8 104.6

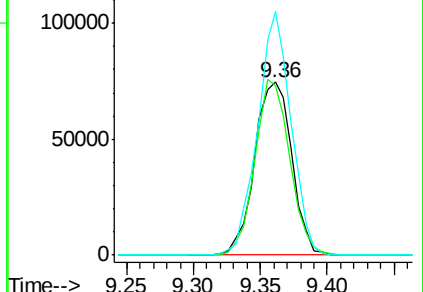
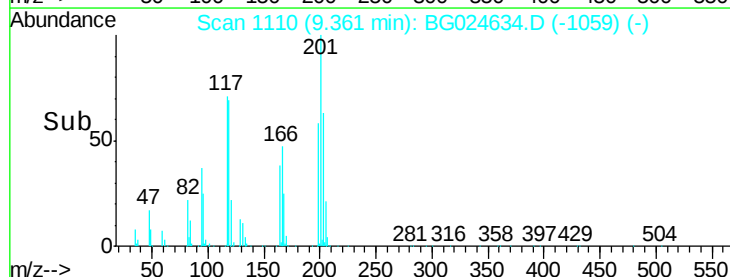
201 141.0 95.4 143.0

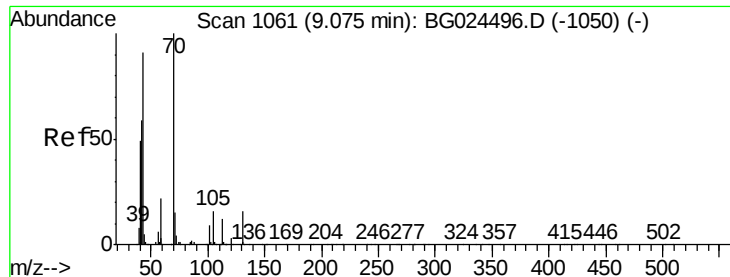


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

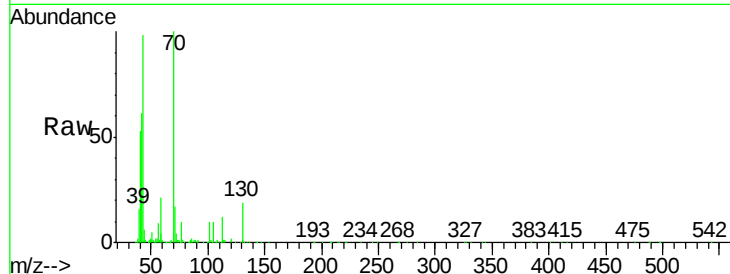




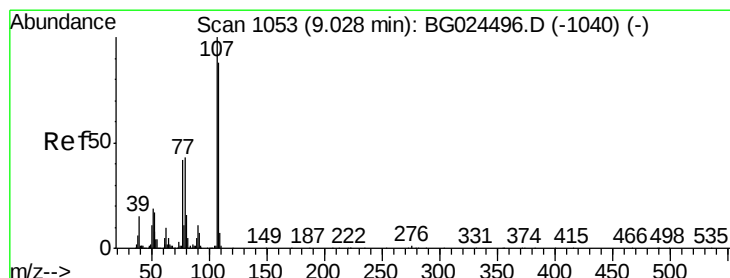
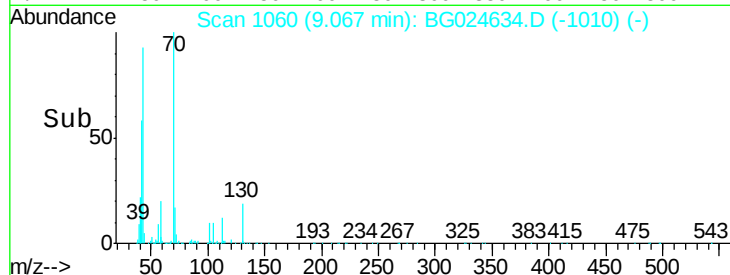
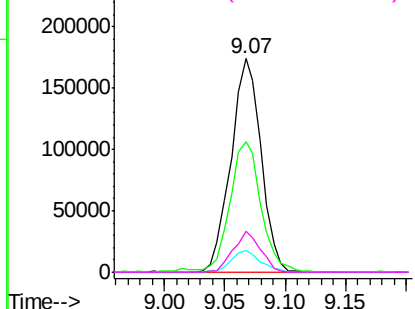
#19
n-Nitroso-di-n-propylamine
Concen: 39.04 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Instrument :
BNA_G
ClientSampleId :
PB94494BS

Tgt Ion:	70	Resp:	301856
Ion	Ratio	Lower	Upper
70	100		
42	60.8	56.1	84.1
101	10.3	7.5	11.3
130	19.0	14.6	21.8

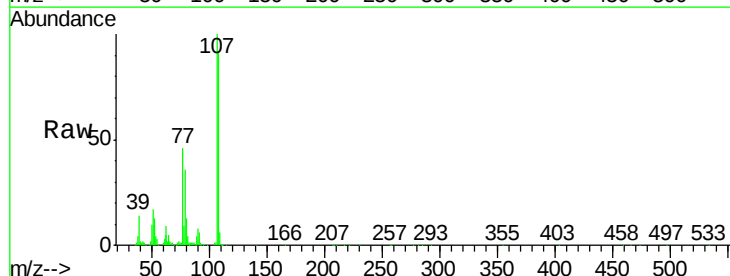


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

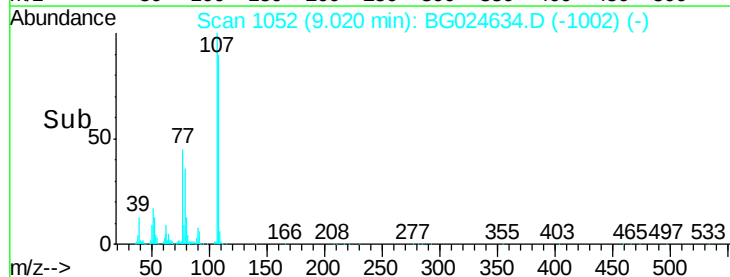
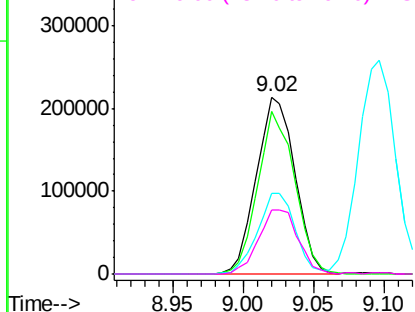


#20
3+4-Methylphenols
Concen: 42.68 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:	107	Resp:	410625
Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.8	110.8
77	45.6	25.8	65.8
79	36.4	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

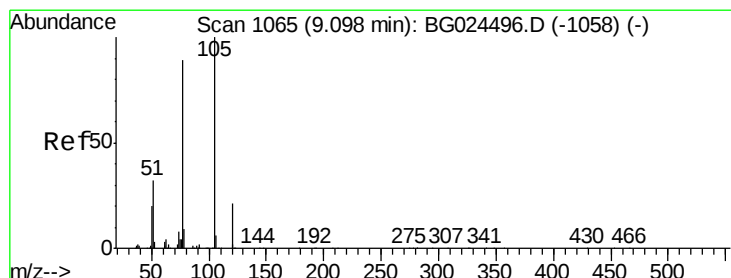
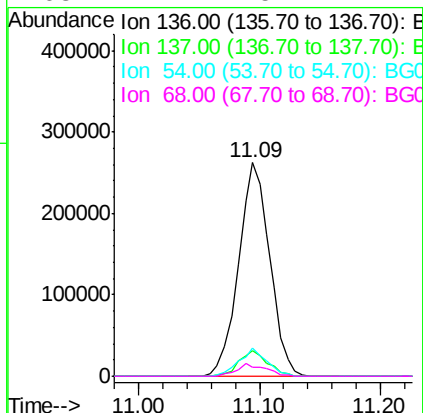
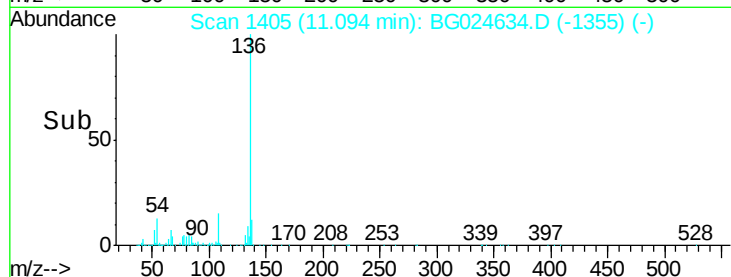
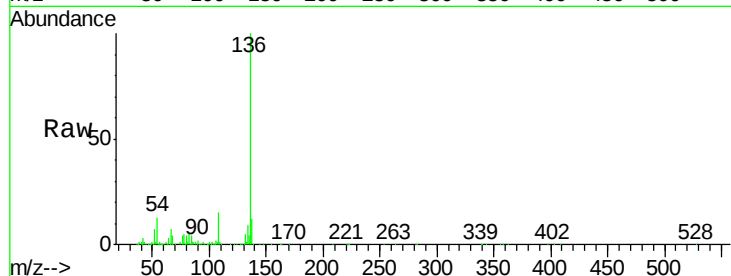




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

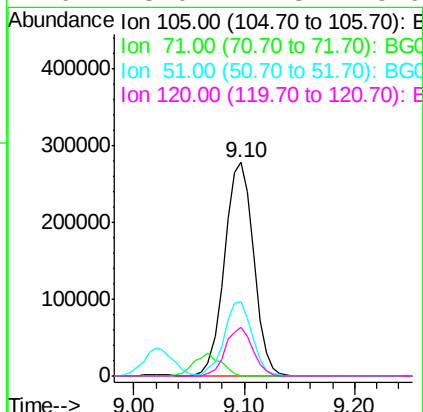
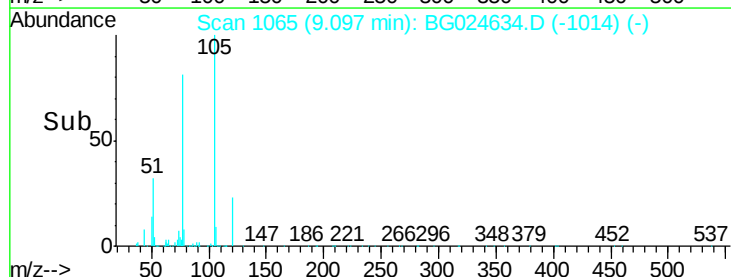
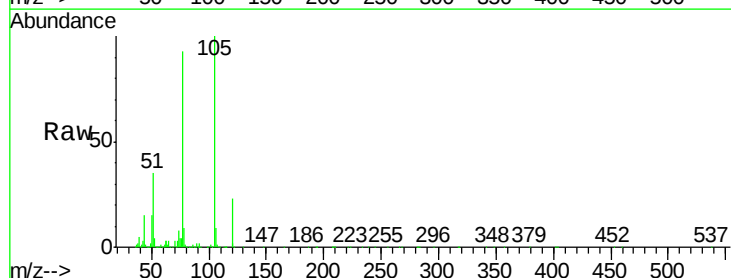
Instrument :
BNA_G
ClientSampleId :
PB94494BS

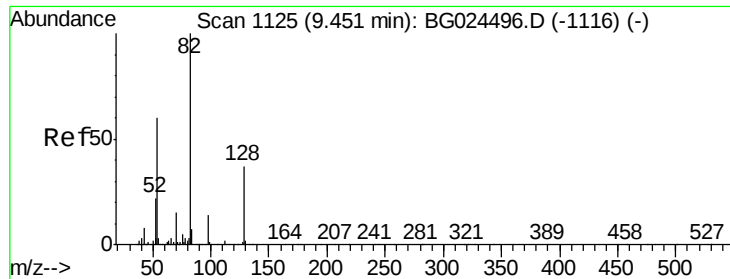
Tgt Ion:	136	Resp:	472559
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	13.0	9.3	13.9
68	4.2	5.1	7.7#



#22
Acetophenone
Concen: 42.22 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:	105	Resp:	512498
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.9	1.3#
51	34.5	34.0	51.0
120	23.0	17.3	25.9

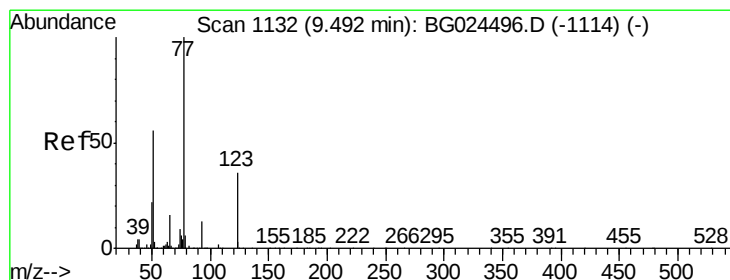
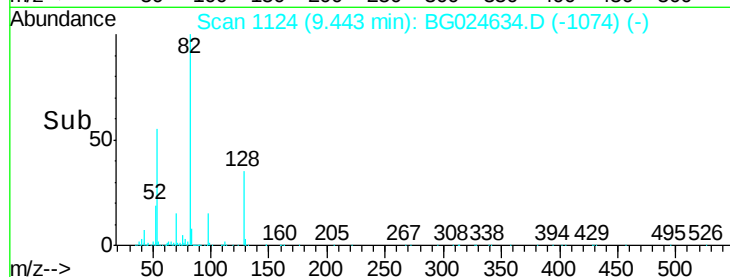
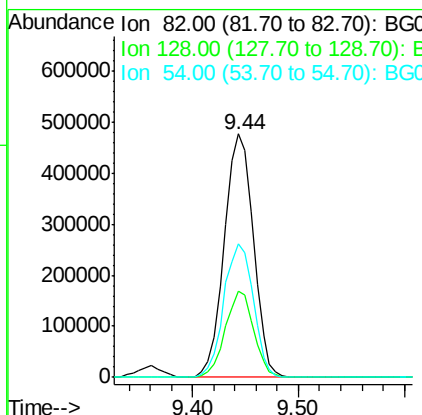
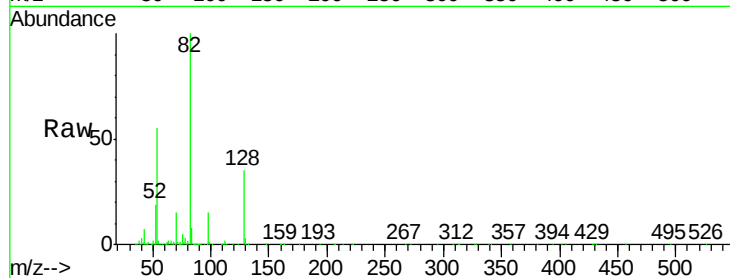




#23
 Nitrobenzene-d5
 Concen: 87.60 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024634.D
 Acq: 2 Nov 2016 20:37

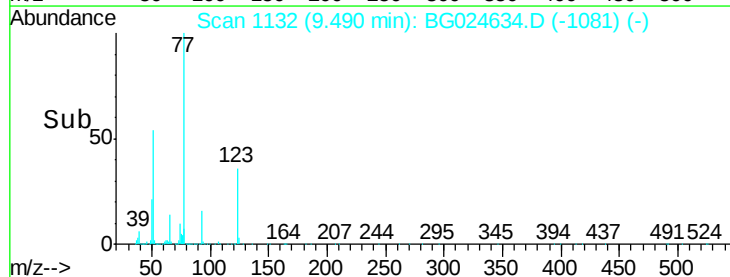
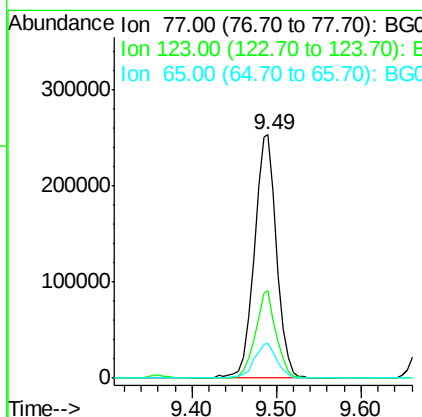
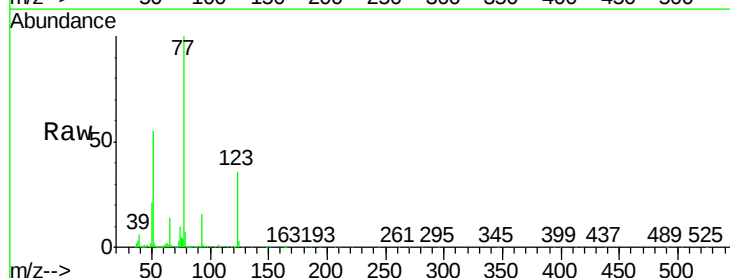
Instrument :
 BNA_G
 ClientSampleId :
 PB94494BS

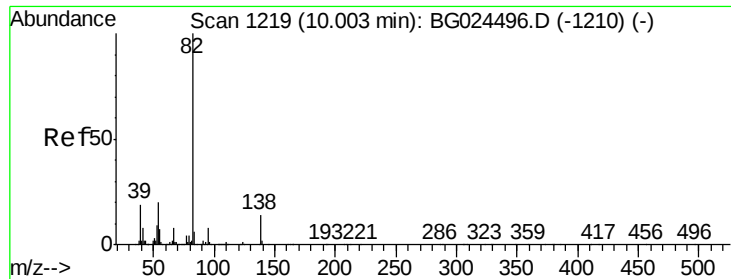
Tgt Ion: 82 Resp: 909242
 Ion Ratio Lower Upper
 82 100
 128 35.3 26.4 39.6
 54 55.1 49.4 74.2



#24
 Nitrobenzene
 Concen: 40.35 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024634.D
 Acq: 2 Nov 2016 20:37

Tgt Ion: 77 Resp: 465874
 Ion Ratio Lower Upper
 77 100
 123 35.9 26.1 39.1
 65 14.2 12.4 18.6





#25

Isophorone

Concen: 41.43 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

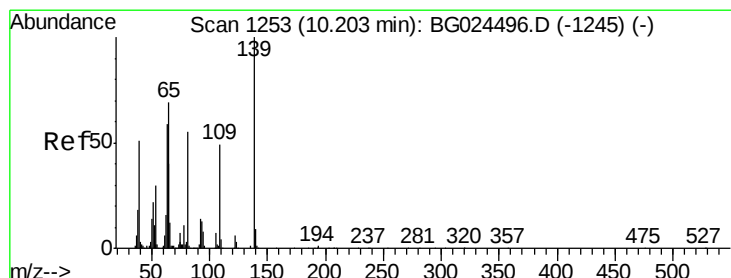
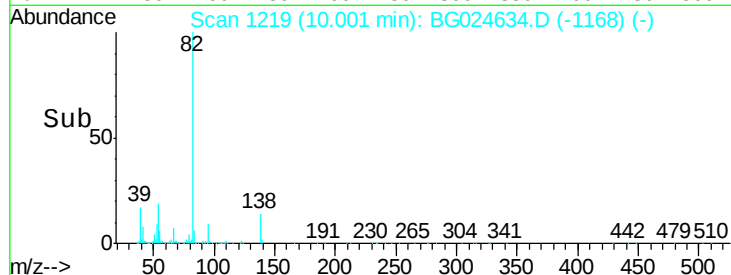
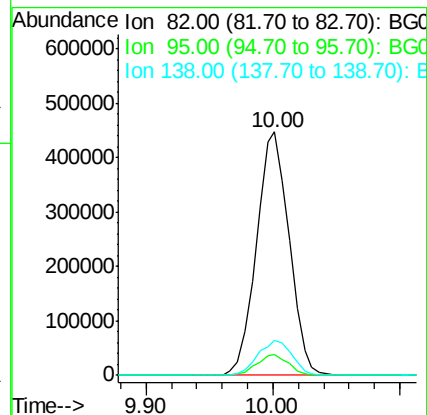
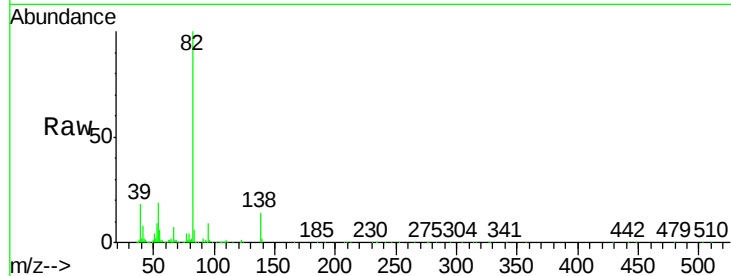
Tgt Ion: 82 Resp: 799945

Ion Ratio Lower Upper

82 100

95 8.7 7.5 11.3

138 14.3 12.3 18.5



#26

2-Nitrophenol

Concen: 42.64 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

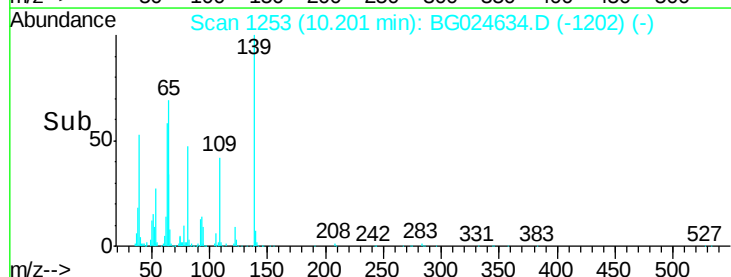
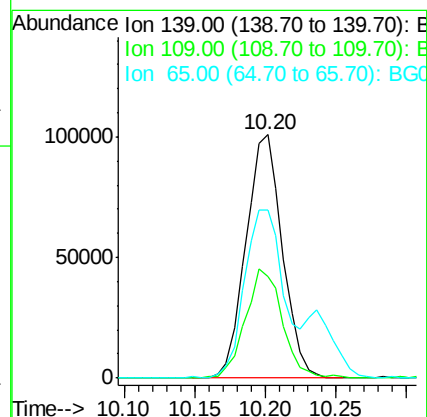
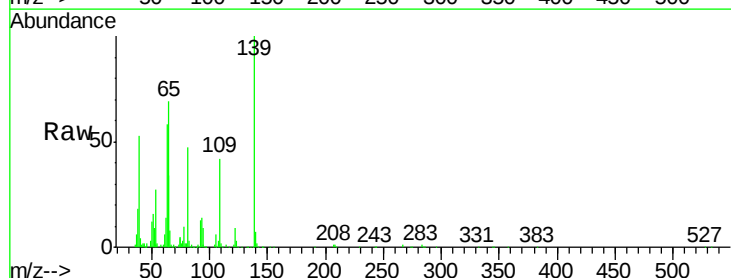
Tgt Ion: 139 Resp: 182724

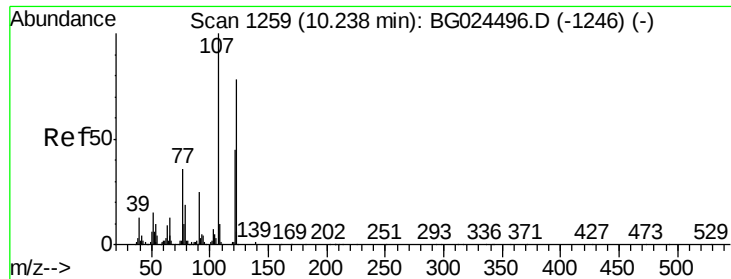
Ion Ratio Lower Upper

139 100

109 41.8 38.6 58.0

65 69.0 57.1 85.7

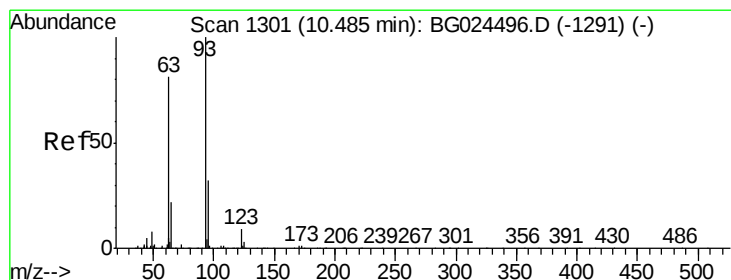
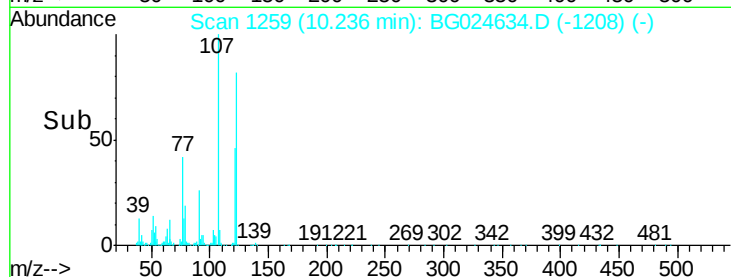
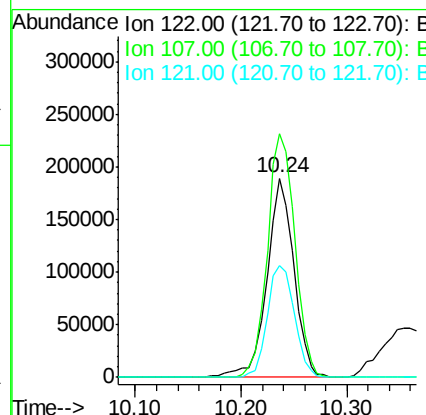
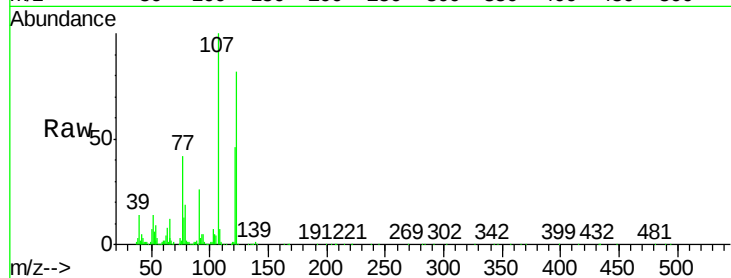




#27
2,4-Dimethylphenol
Concen: 44.56 ng
RT: 10.24 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

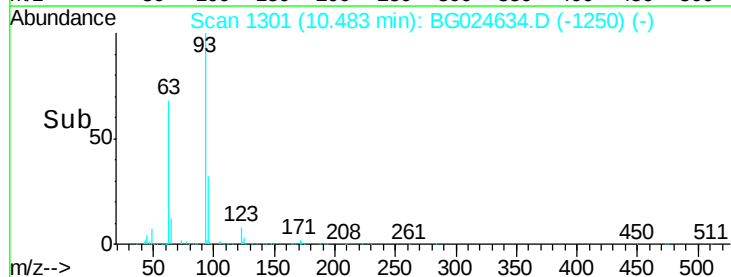
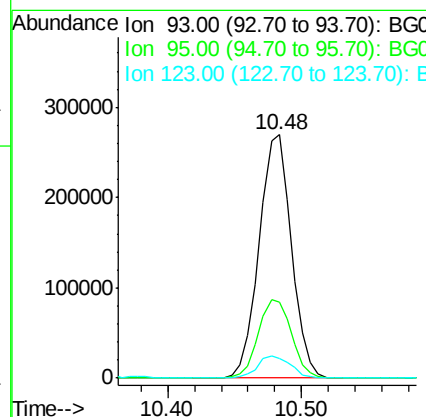
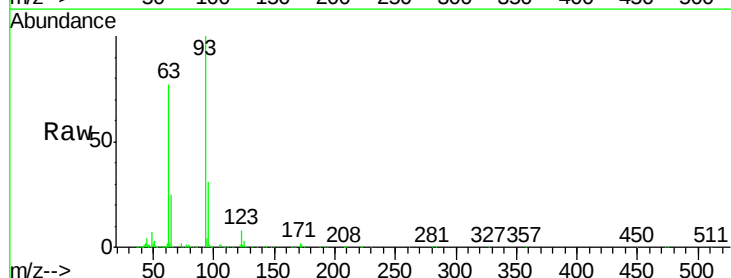
Instrument :
BNA_G
ClientSampleId :
PB94494BS

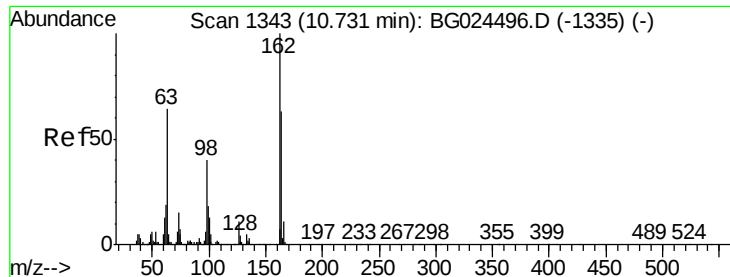
Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.2	104.2	156.4
121	56.2	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.11 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.7	38.5
123	8.2	8.3	12.5#

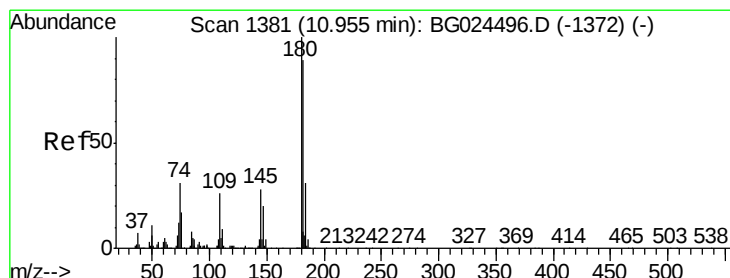
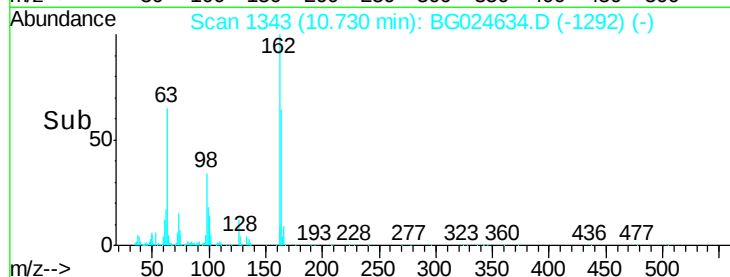
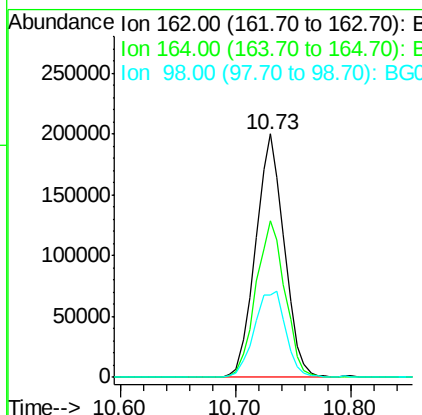
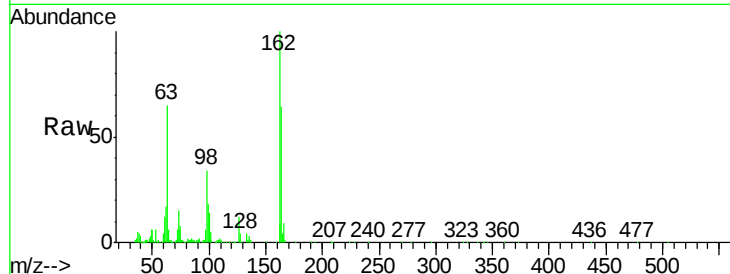




#29
2,4-Dichlorophenol
Concen: 43.95 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

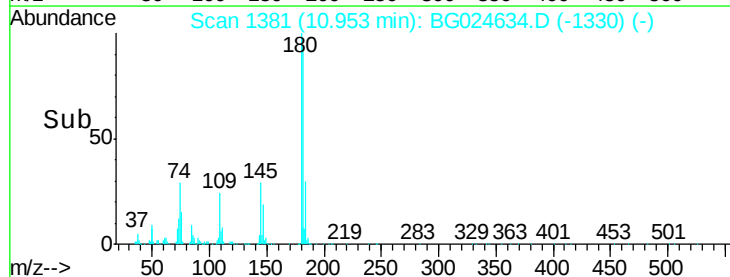
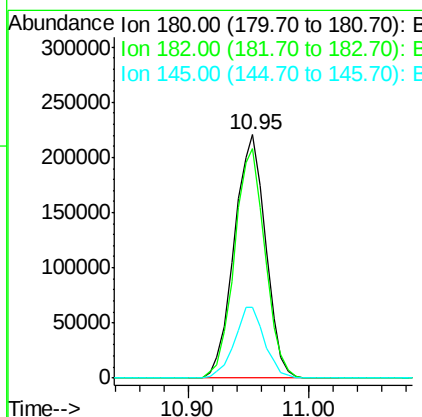
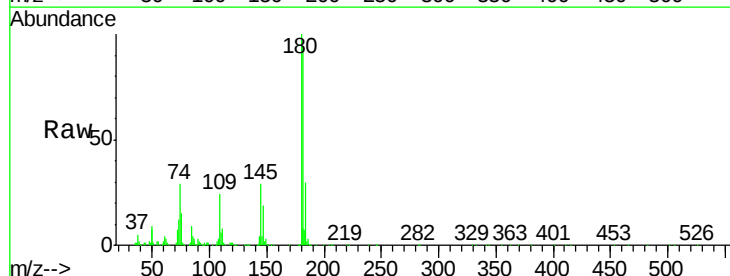
Instrument :
BNA_G
ClientSampleId :
PB94494BS

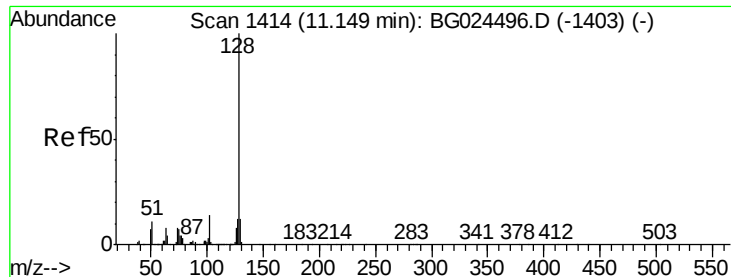
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.4	82.4
98	33.6	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 42.63 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.4
145	29.1	23.4	35.0

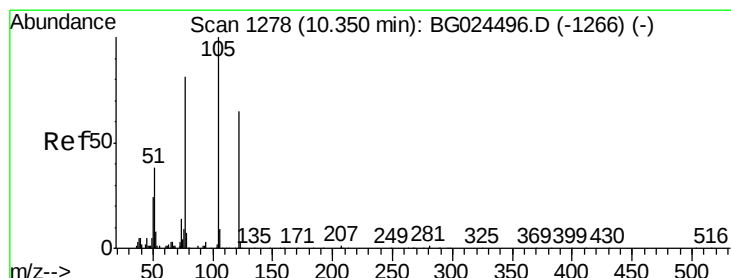
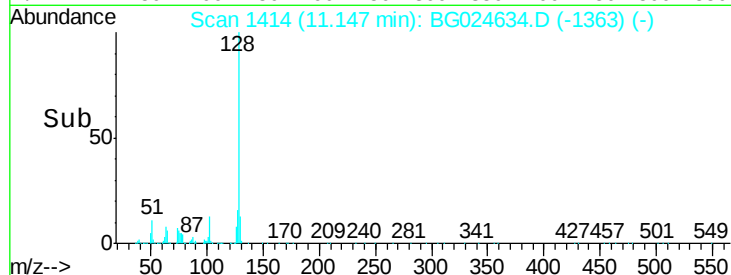
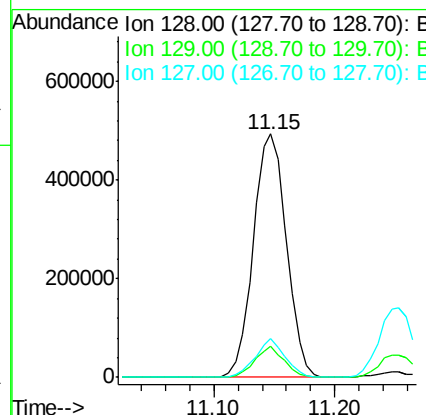
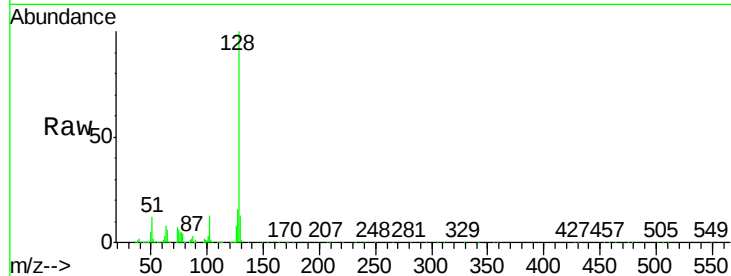




#31
Naphthalene
Concen: 39.78 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

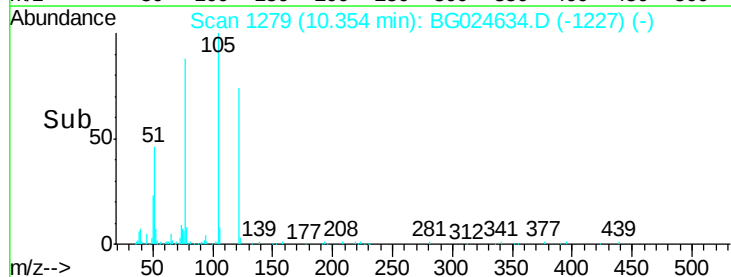
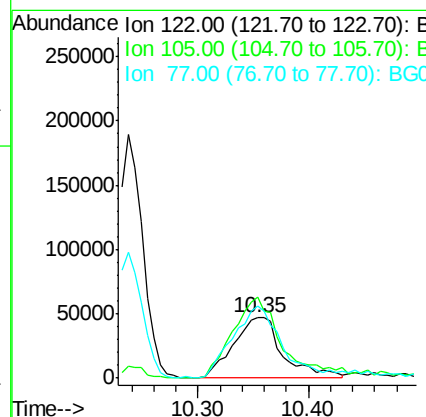
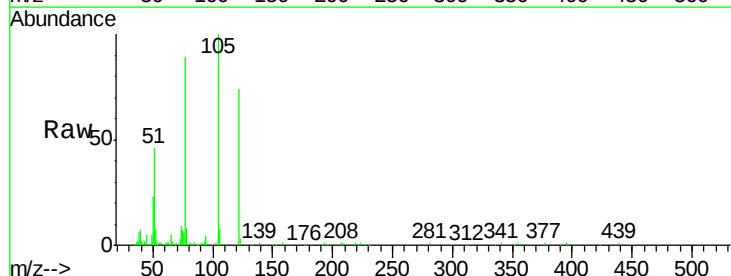
Instrument :
BNA_G
ClientSampleId :
PB94494BS

Tgt Ion:128 Resp: 937759
Ion Ratio Lower Upper
128 100
129 12.6 9.3 13.9
127 15.8 11.4 17.0



#32
Benzoic acid
Concen: 23.77 ng
RT: 10.35 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:122 Resp: 148492
Ion Ratio Lower Upper
122 100
105 134.6 120.1 160.1
77 119.4 104.6 144.6

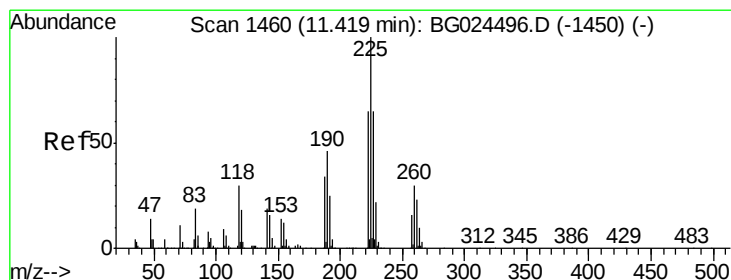
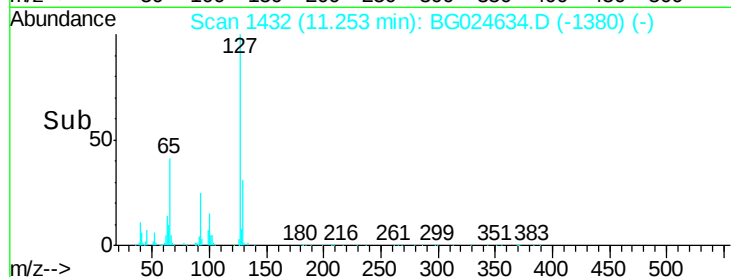
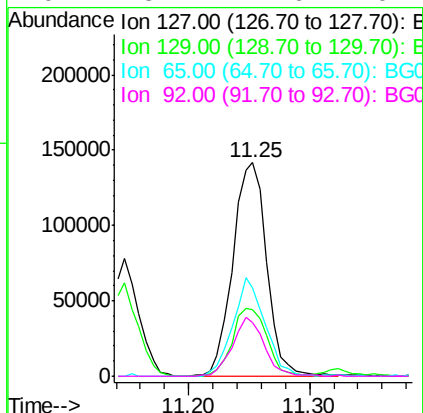
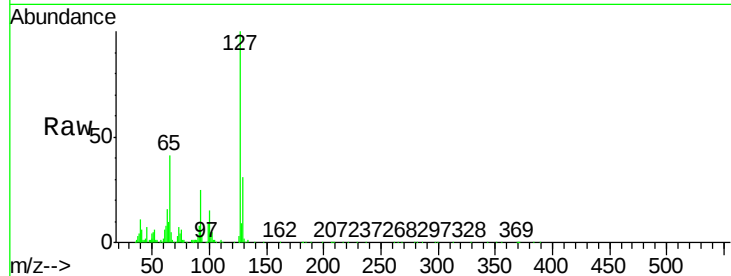




#33
4-Chloroaniline
Concen: 27.08 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

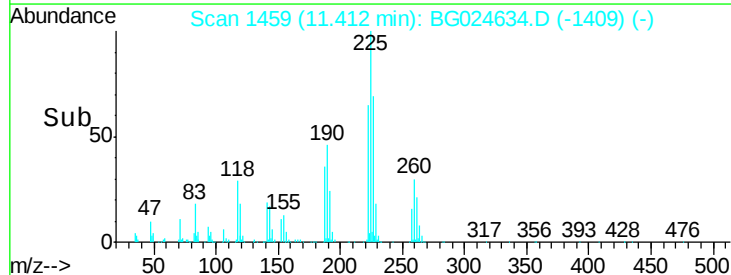
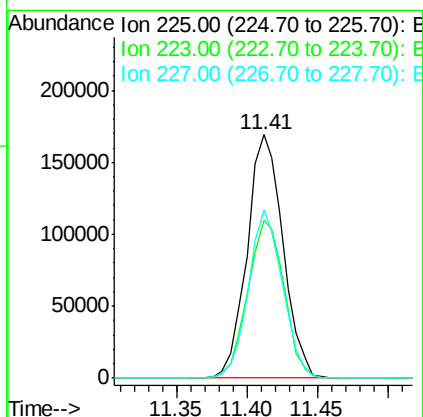
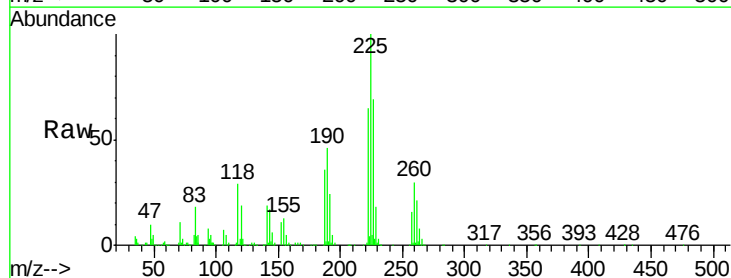
Instrument :
BNA_G
ClientSampleId :
PB94494BS

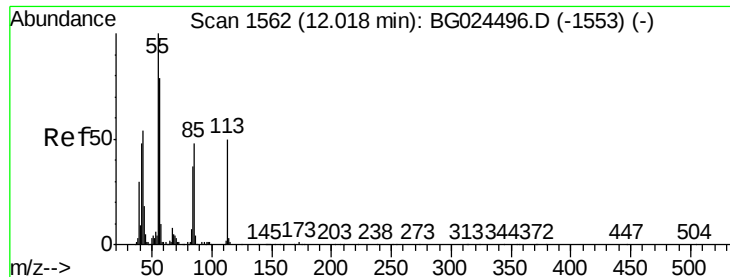
Tgt Ion:	127	Resp:	277148
Ion	Ratio	Lower	Upper
127	100		
129	31.3	23.6	35.4
65	41.2	37.7	56.5
92	25.4	17.6	26.4



#34
Hexachlorobutadiene
Concen: 41.19 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:	225	Resp:	301139
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.7	76.1
227	69.2	49.0	73.6





#35

Caprolactam

Concen: 42.29 ng m

RT: 12.01 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

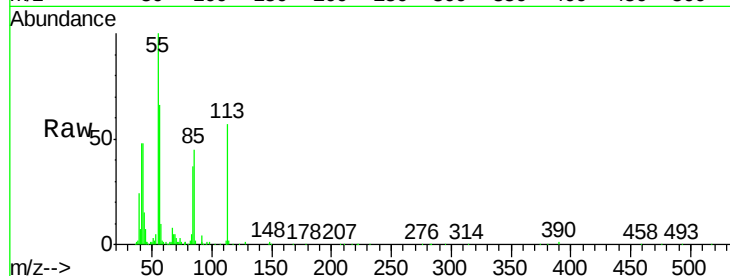
Tgt Ion:113 Resp: 121925

Ion Ratio Lower Upper

113 100

55 174.7 198.6 238.6#

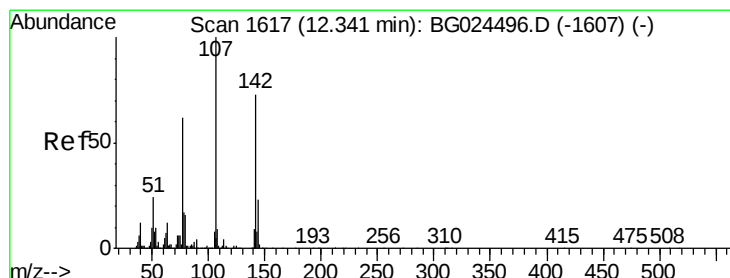
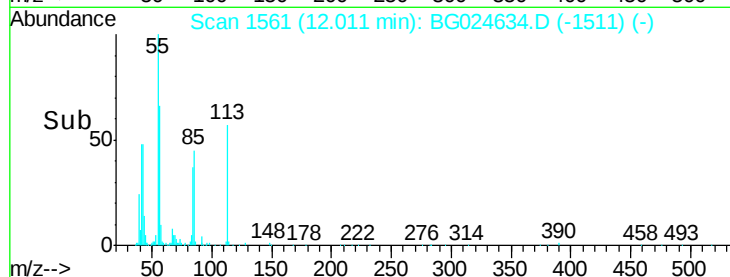
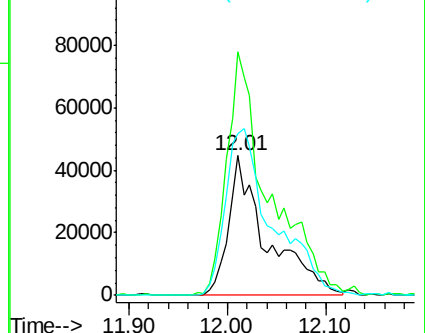
56 115.8 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.60 ng

RT: 12.34 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

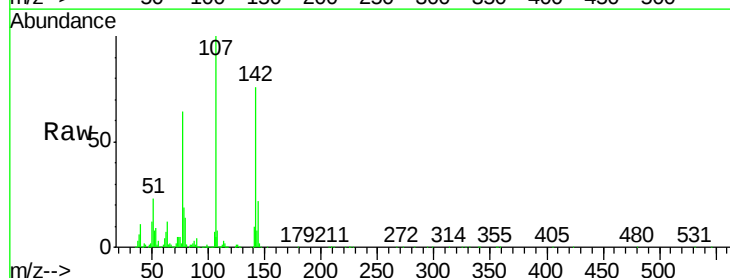
Tgt Ion:107 Resp: 395491

Ion Ratio Lower Upper

107 100

144 22.2 17.4 26.0

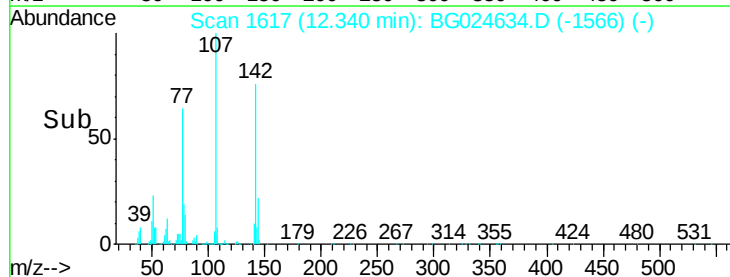
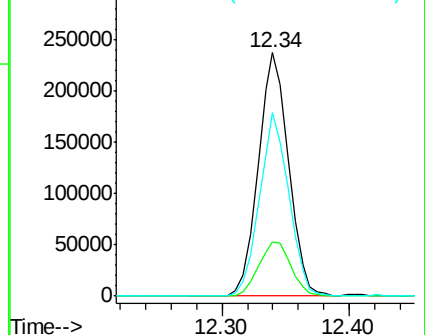
142 75.6 54.1 81.1

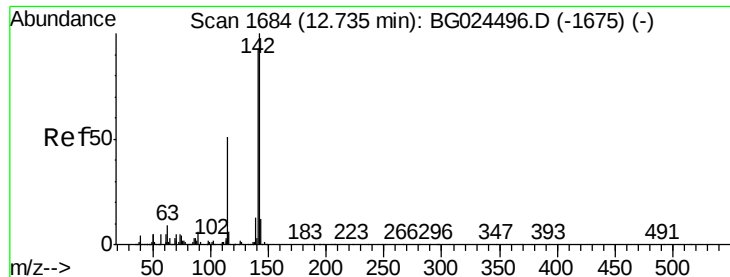


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

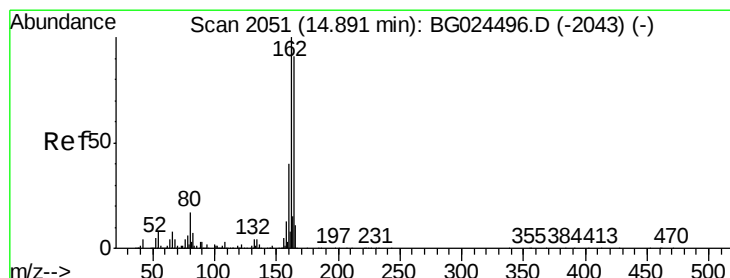
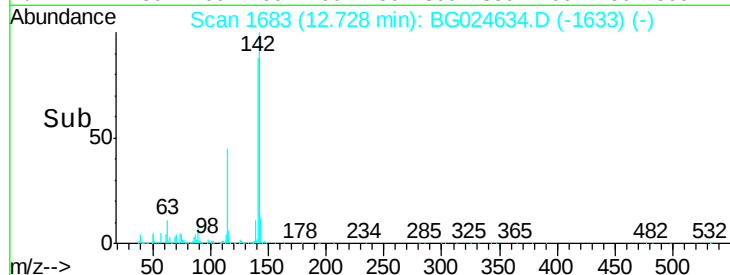
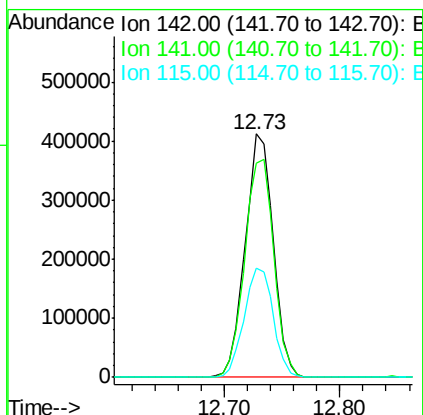
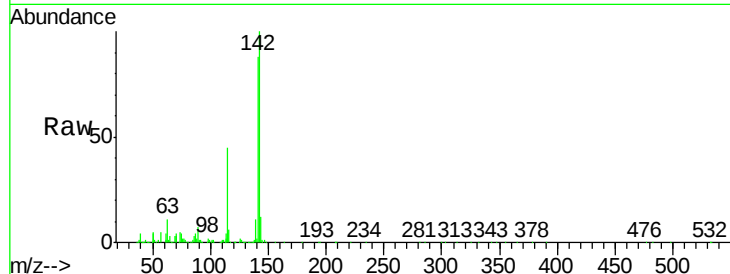




#37
2-Methylnaphthalene
Concen: 40.39 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

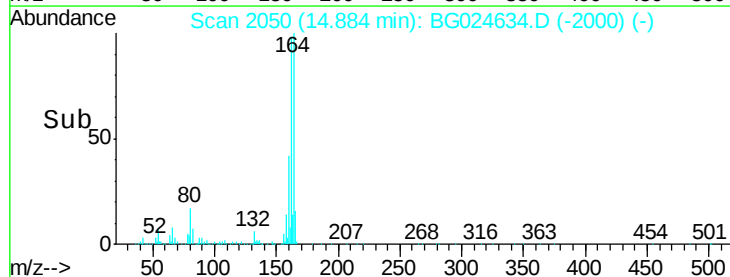
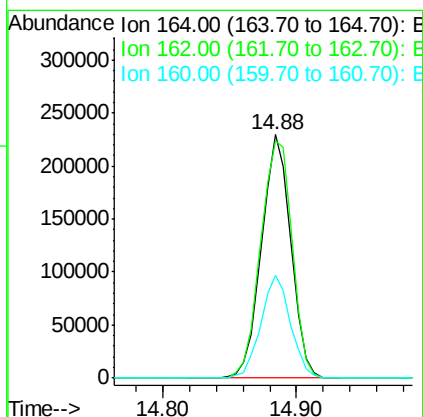
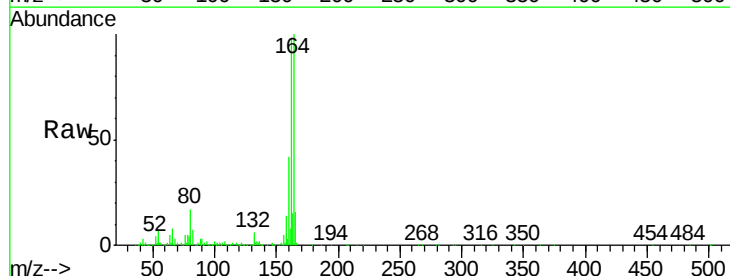
Instrument :
BNA_G
ClientSampleId :
PB94494BS

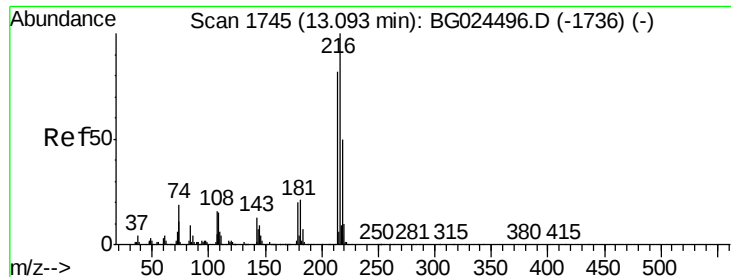
Tgt Ion:142 Resp: 694699
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6
115 44.9 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:164 Resp: 349067
Ion Ratio Lower Upper
164 100
162 97.6 85.1 127.7
160 42.0 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.51 ng

RT: 13.09 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

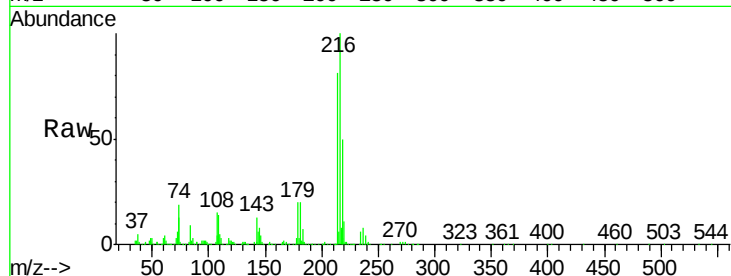
Instrument :

BNA_G

ClientSampleId :

PB94494BS

Tgt Ion:	216	Resp:	488755
Ion	Ratio	Lower	Upper
216	100		
214	81.3	64.4	96.6
179	19.6	17.4	26.0
108	18.6	15.6	23.4

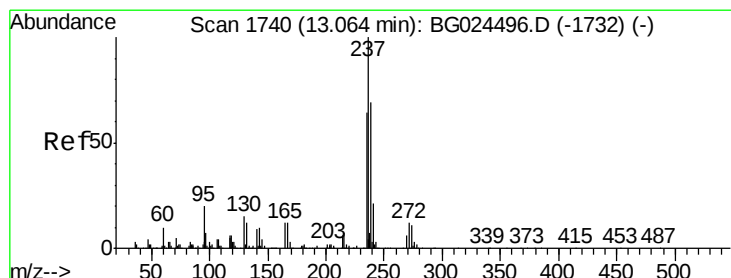
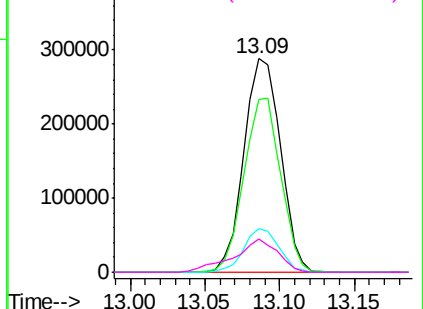
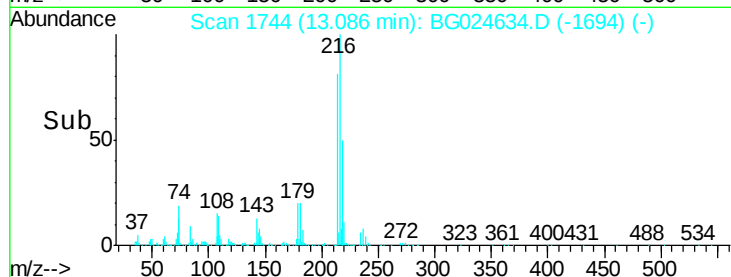


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 102.87 ng

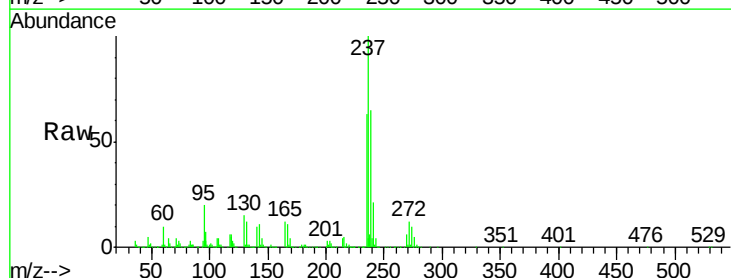
RT: 13.06 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

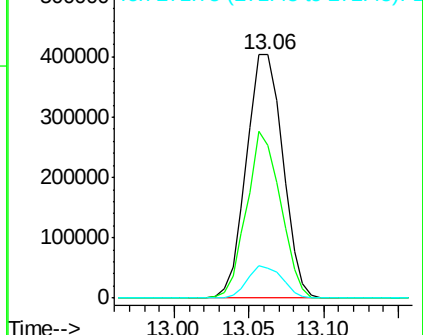
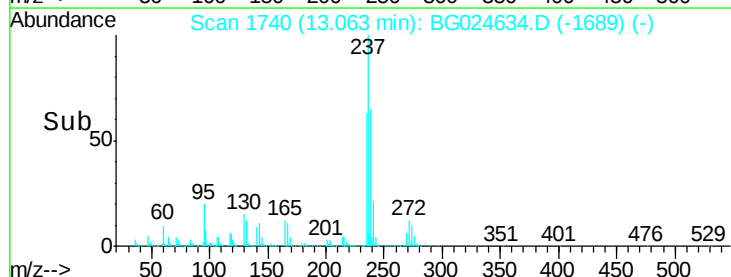
Tgt Ion:	237	Resp:	682048
Ion	Ratio	Lower	Upper
237	100		
235	62.7	39.4	79.4
272	12.4	0.0	32.0

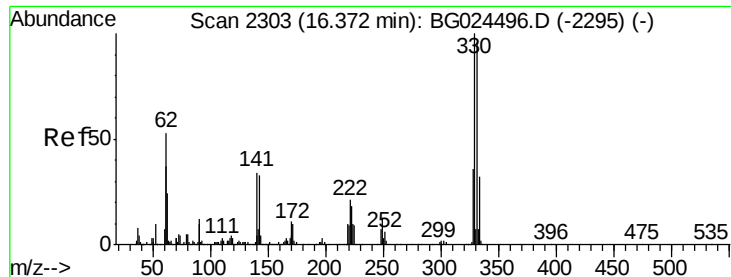


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

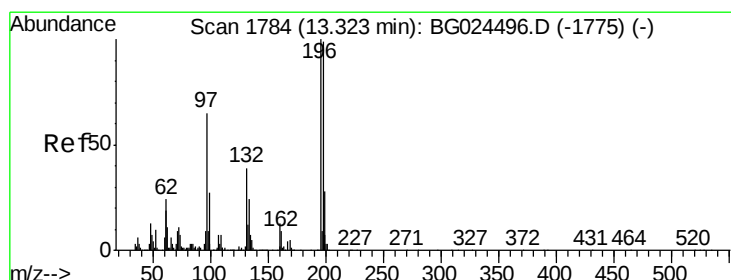
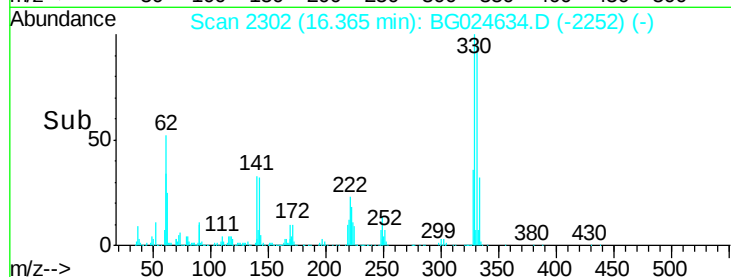
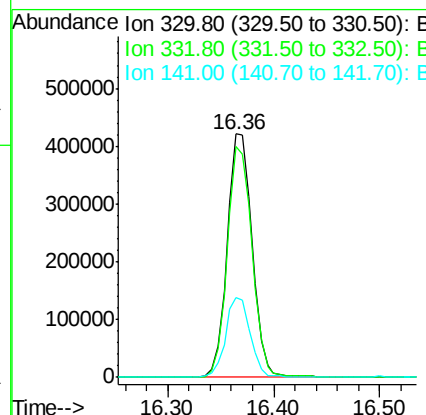
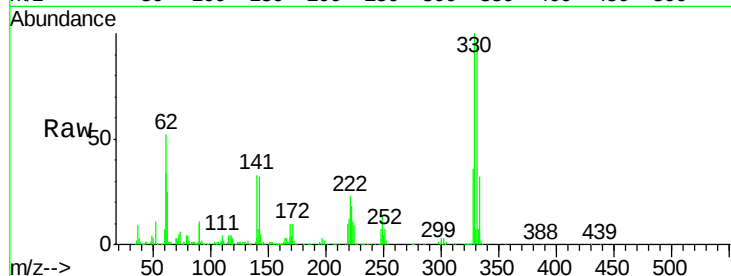




#41
 2,4,6-Tribromophenol
 Concen: 132.03 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024634.D
 Acq: 2 Nov 2016 20:37

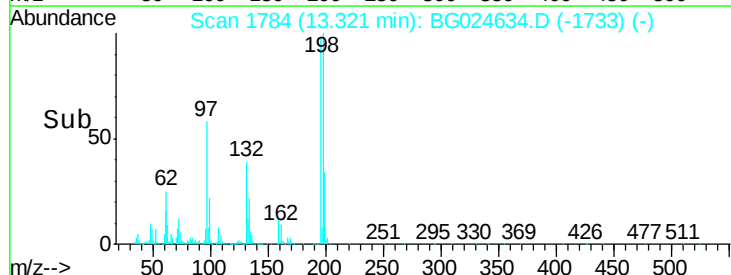
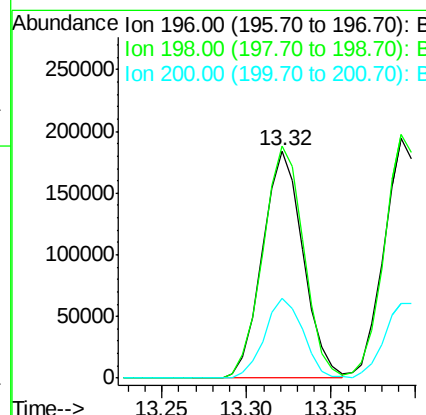
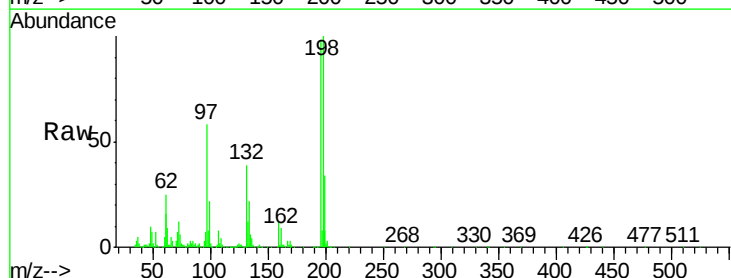
Instrument :
 BNA_G
 ClientSampled :
 PB94494BS

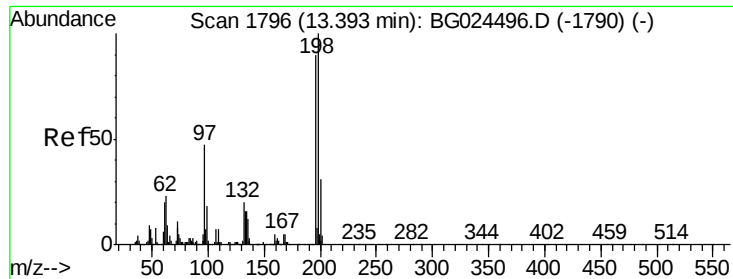
Tgt Ion:330 Resp: 688542
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.3 115.9
 141 32.3 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 43.54 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG024634.D
 Acq: 2 Nov 2016 20:37

Tgt Ion:196 Resp: 308128
 Ion Ratio Lower Upper
 196 100
 198 101.9 81.4 122.2
 200 34.9 27.0 40.6

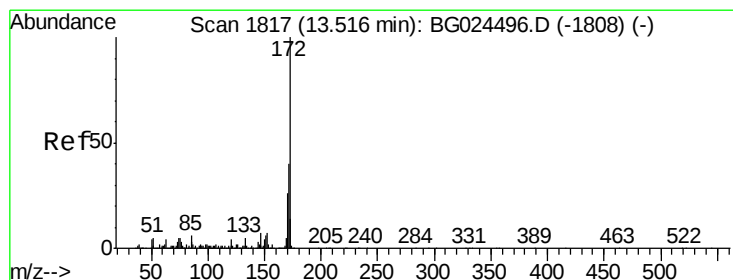
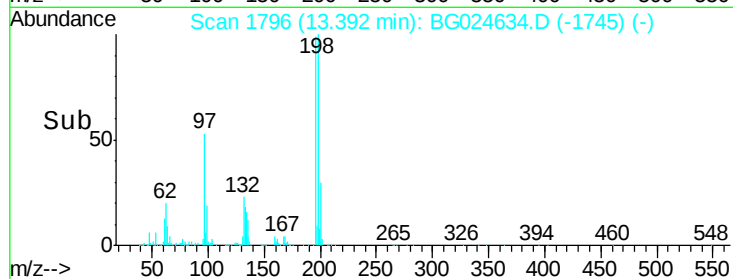
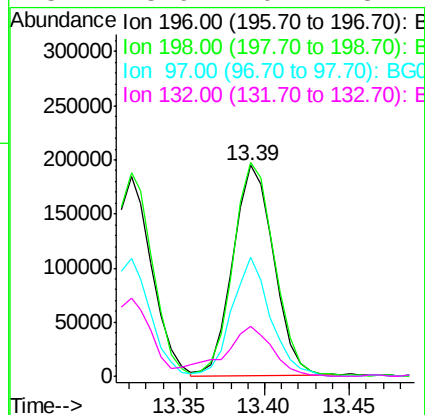
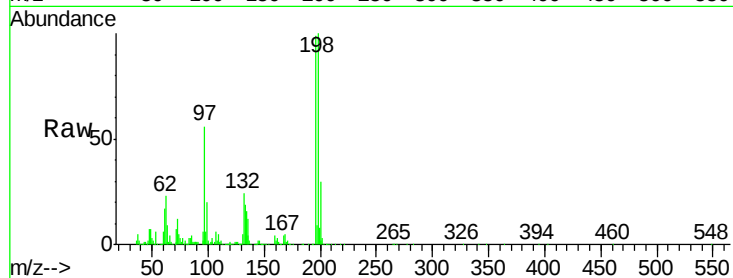




#43
2,4,5-Trichlorophenol
Concen: 42.64 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

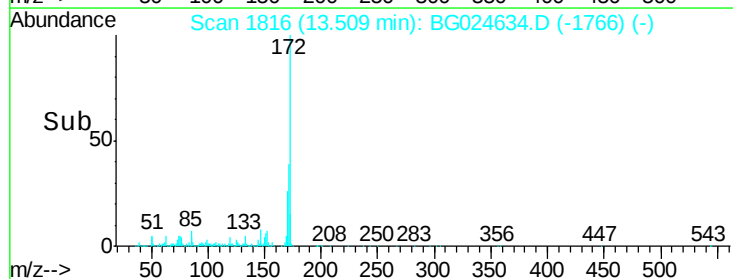
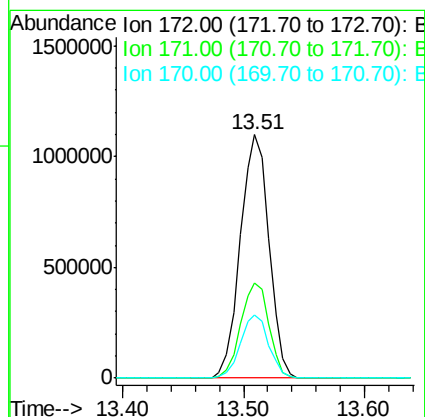
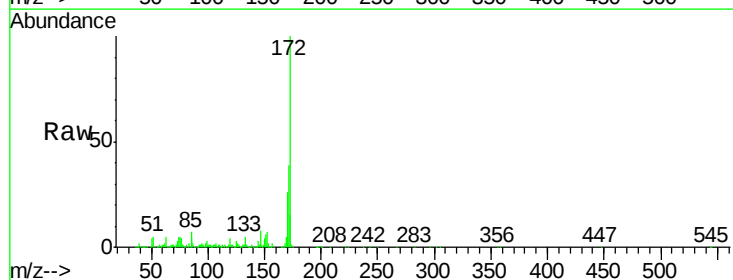
Instrument :
BNA_G
ClientSampleId :
PB94494BS

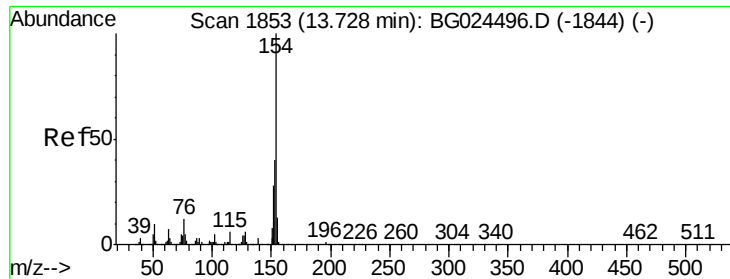
Tgt Ion:196 Resp: 326243
Ion Ratio Lower Upper
196 100
198 101.4 79.9 119.9
97 56.5 45.4 68.0
132 23.9 20.7 31.1



#44
2-Fluorobiphenyl
Concen: 86.69 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:172 Resp: 1820566
Ion Ratio Lower Upper
172 100
171 39.2 32.2 48.2
170 25.9 21.8 32.6

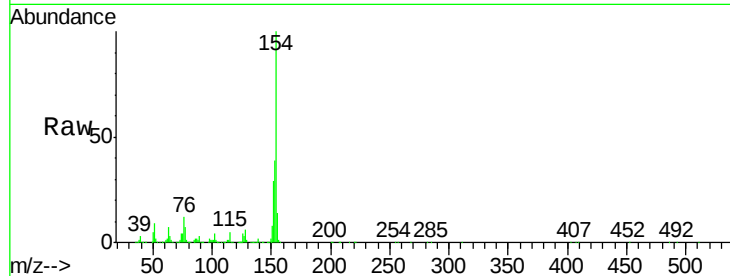




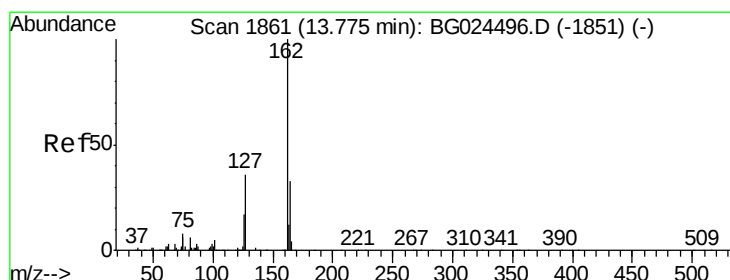
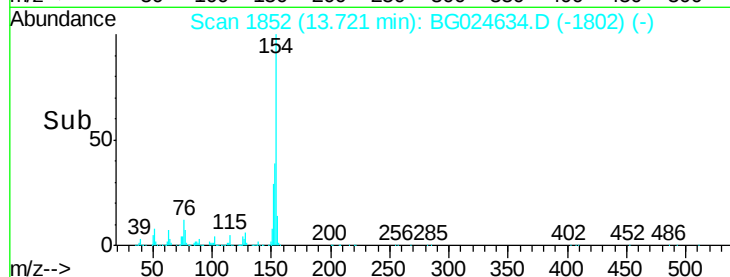
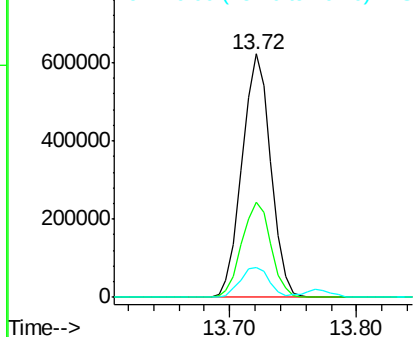
#45
1,1'-Biphenyl
Concen: 40.28 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Instrument :
BNA_G
ClientSampleId :
PB94494BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	23.0	63.0
76	12.2	0.0	33.5

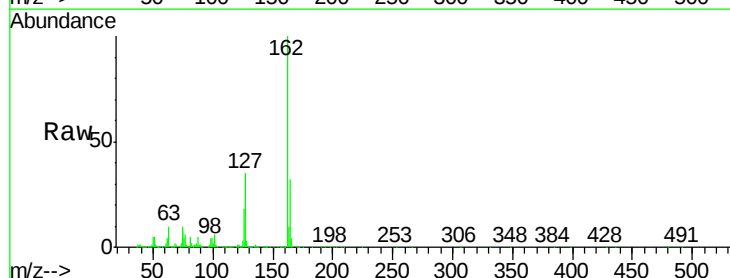


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

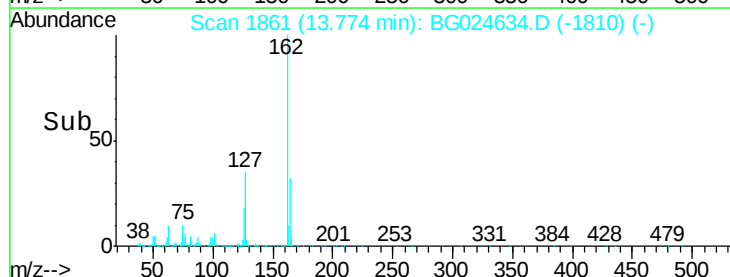
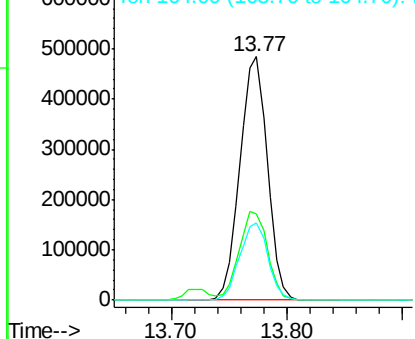


#46
2-Chloronaphthalene
Concen: 43.32 ng
RT: 13.77 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	32.2	48.4
164	31.5	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

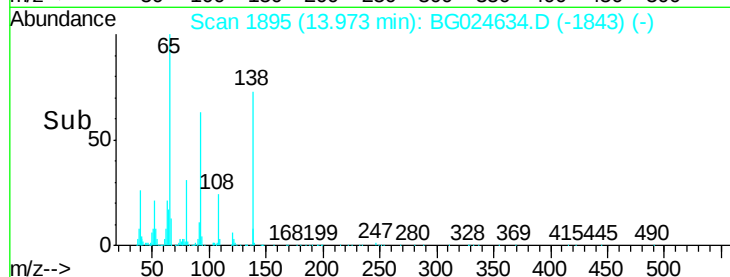
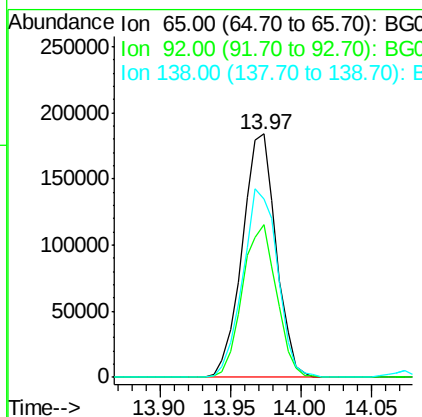
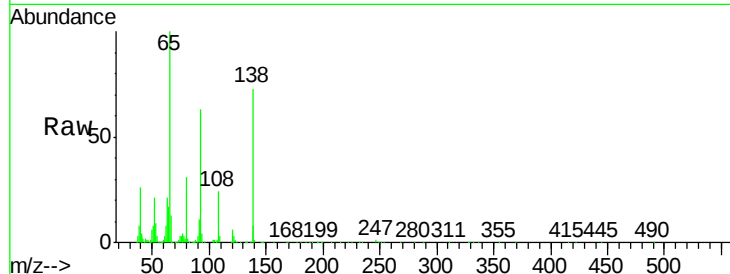




#47
2-Nitroaniline
Concen: 40.92 ng
RT: 13.97 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

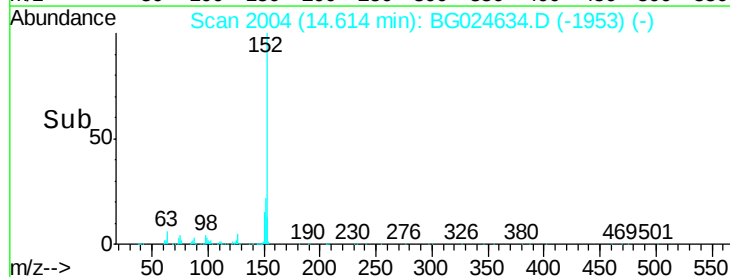
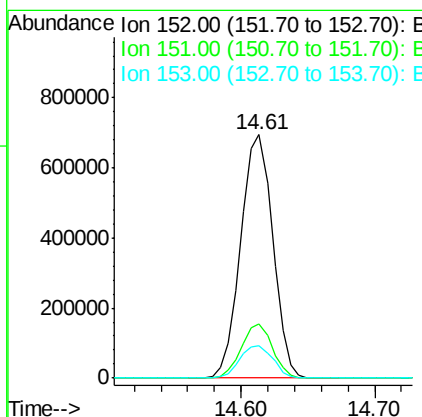
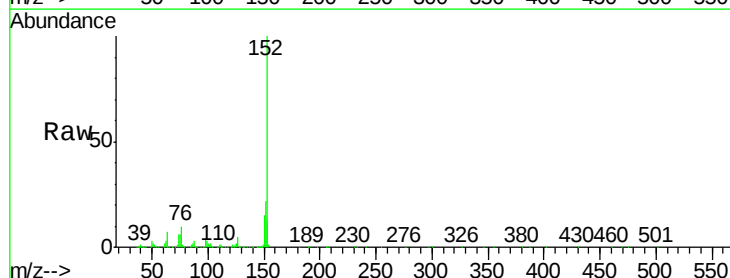
Instrument :
BNA_G
ClientSampleId :
PB94494BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	49.0	73.4
138	73.1	58.6	87.8



#48
Acenaphthylene
Concen: 40.90 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	18.2	27.2
153	13.4	11.3	16.9

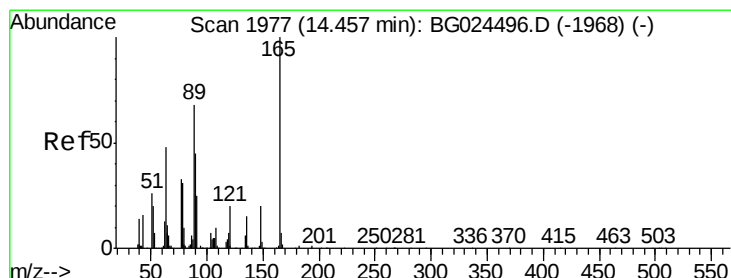
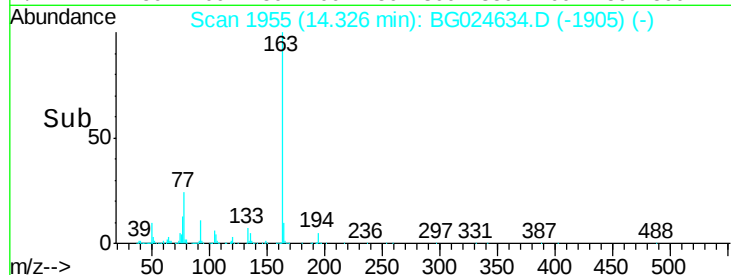
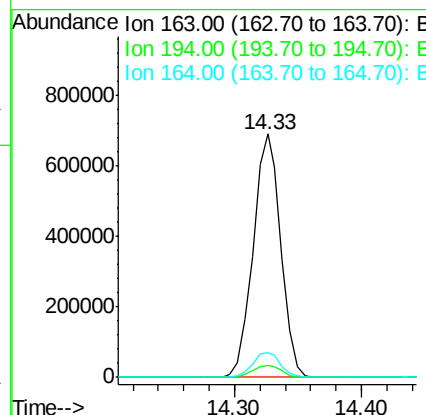
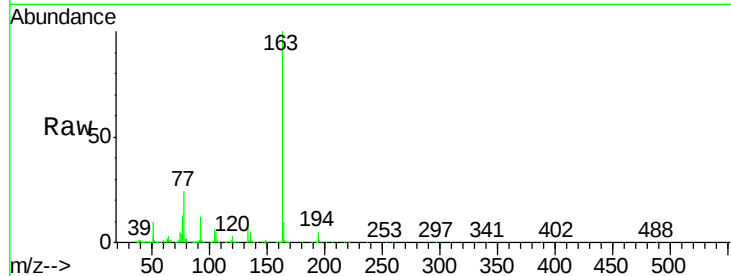




#49
Dimethylphthalate
Concen: 42.05 ng
RT: 14.33 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

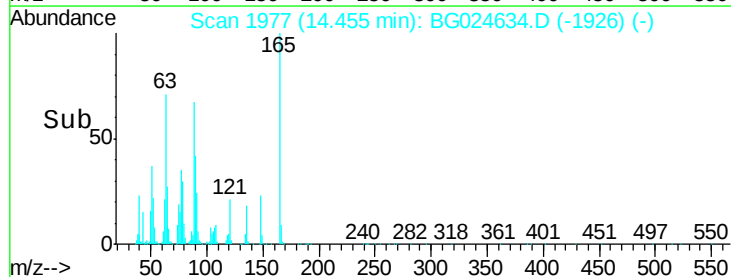
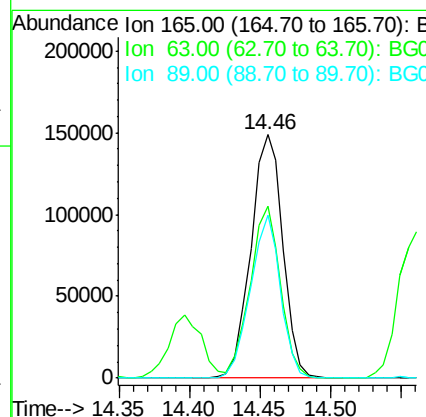
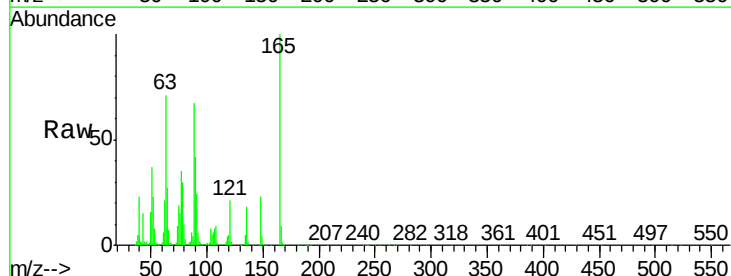
Instrument :
BNA_G
ClientSampleId :
PB94494BS

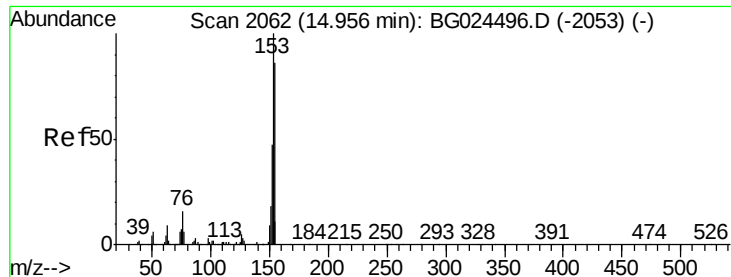
Tgt Ion:163 Resp: 1041980
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 10.4 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 44.66 ng
RT: 14.46 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:165 Resp: 236252
Ion Ratio Lower Upper
165 100
63 70.8 63.9 95.9
89 67.1 58.6 88.0





#51

Acenaphthene

Concen: 37.33 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

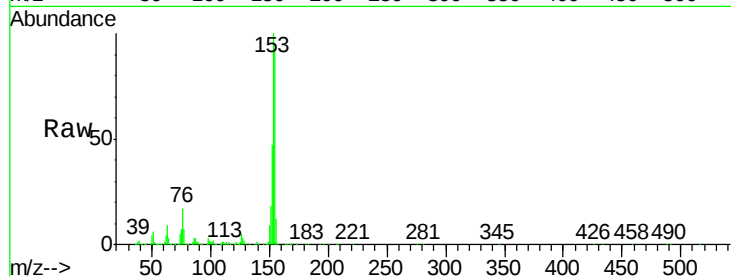
Tgt Ion:154 Resp: 787190

Ion Ratio Lower Upper

154 100

153 107.1 87.8 131.6

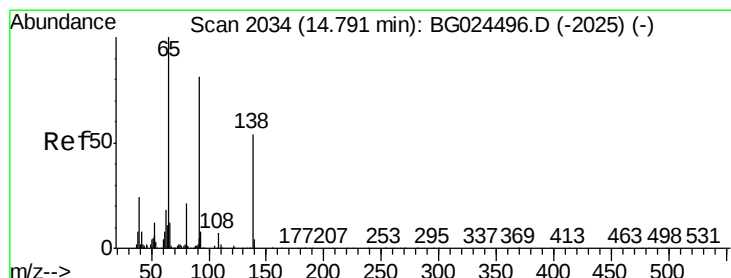
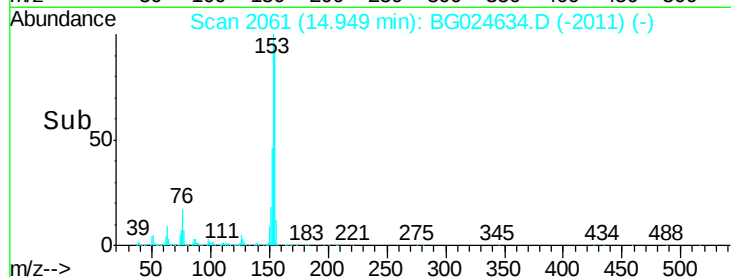
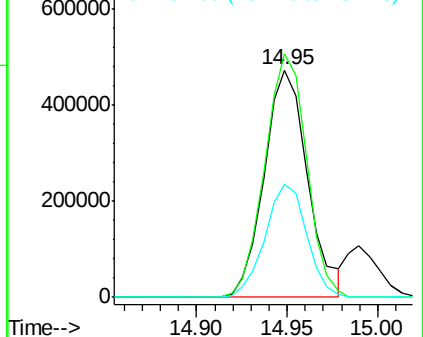
152 49.8 42.2 63.4



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: 31.51 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

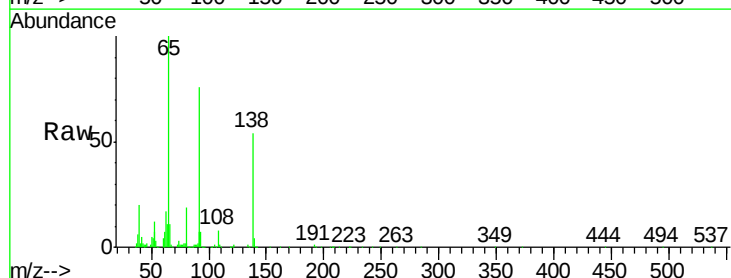
Tgt Ion:138 Resp: 172513

Ion Ratio Lower Upper

138 100

108 14.3 10.9 16.3

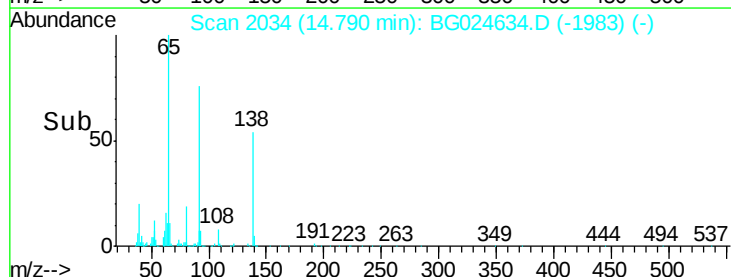
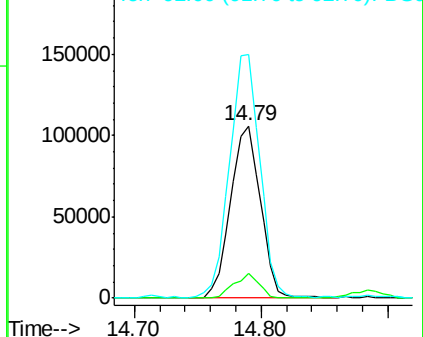
92 141.4 115.3 172.9

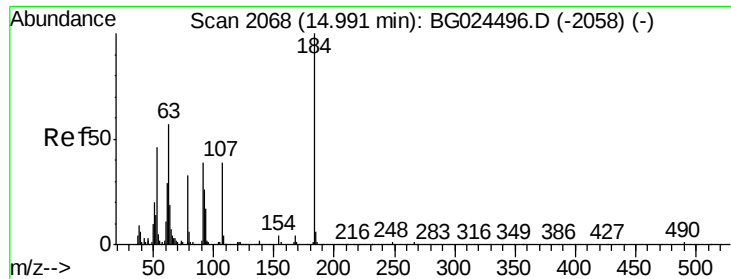


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

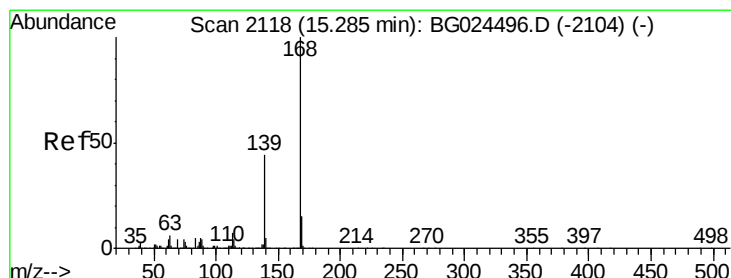
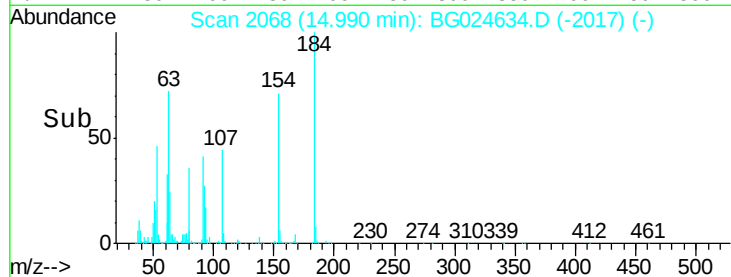
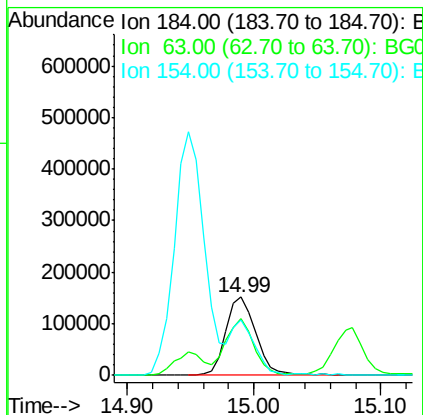
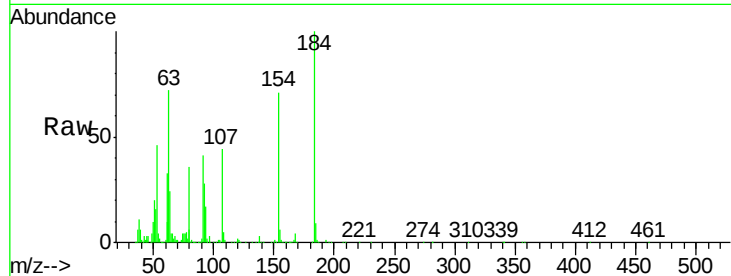




#53
2,4-Dinitrophenol
Concen: 65.21 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

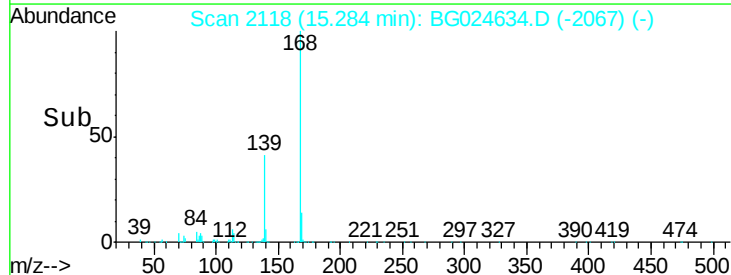
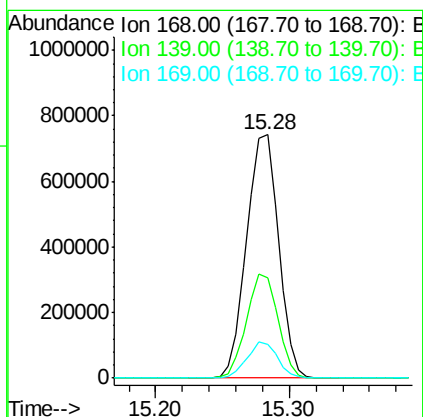
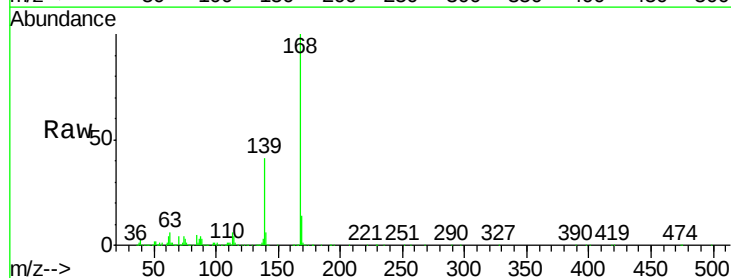
Instrument :
BNA_G
ClientSampleId :
PB94494BS

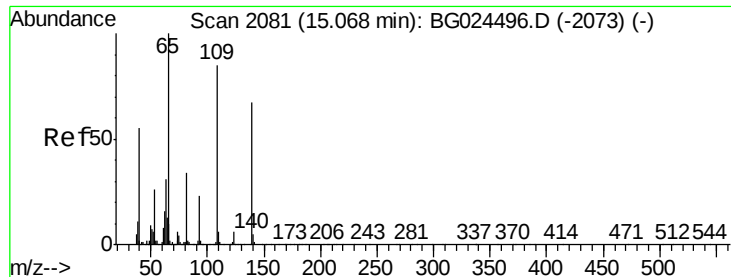
Tgt Ion:184 Resp: 250011
Ion Ratio Lower Upper
184 100
63 72.5 52.7 79.1
154 71.1 57.3 85.9



#54
Dibenzofuran
Concen: 42.11 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:168 Resp: 1227765
Ion Ratio Lower Upper
168 100
139 41.0 35.3 52.9
169 13.8 11.5 17.3





#55

4-Nitrophenol

Concen: 80.28 ng

RT: 15.08 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

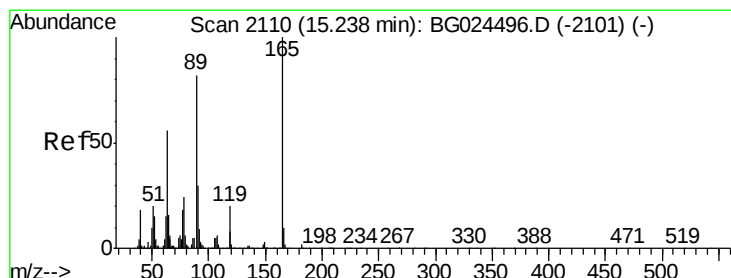
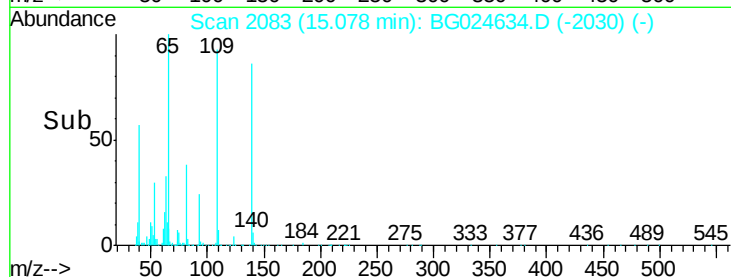
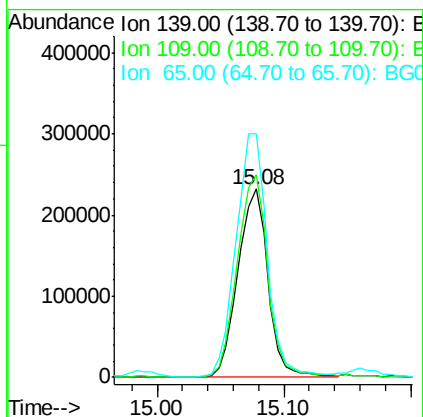
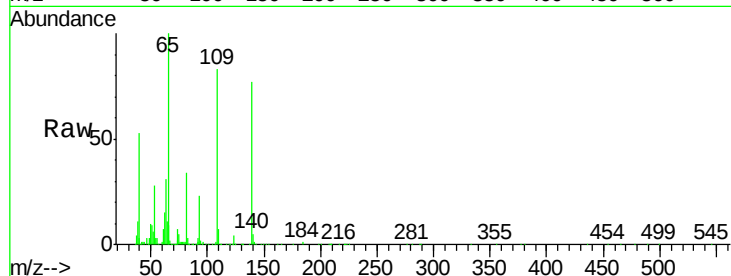
Tgt Ion:139 Resp: 382921

Ion Ratio Lower Upper

139 100

109 107.7 101.2 141.2

65 129.4 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 44.57 ng

RT: 15.24 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Tgt Ion:165 Resp: 342616

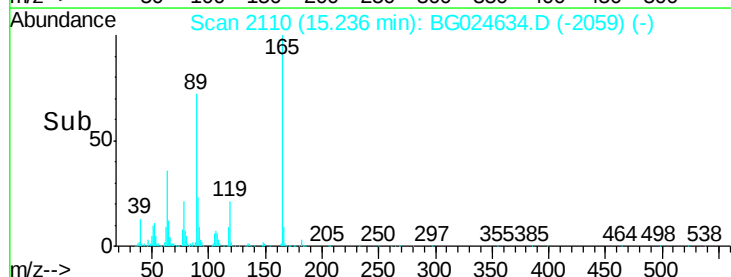
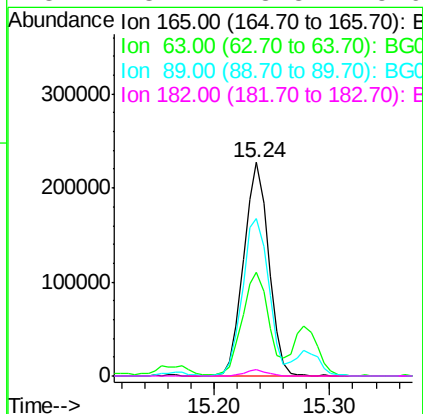
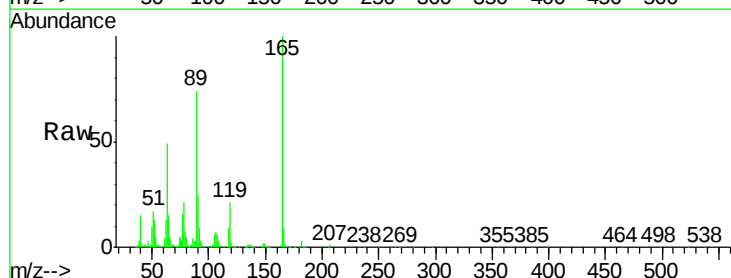
Ion Ratio Lower Upper

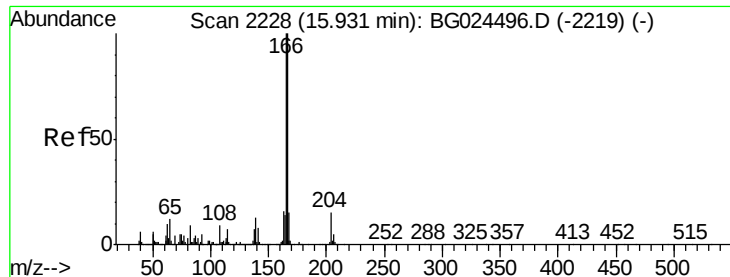
165 100

63 48.7 44.0 66.0

89 73.7 67.3 100.9

182 3.2 3.8 5.6#





#57

Fluorene

Concen: 40.94 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

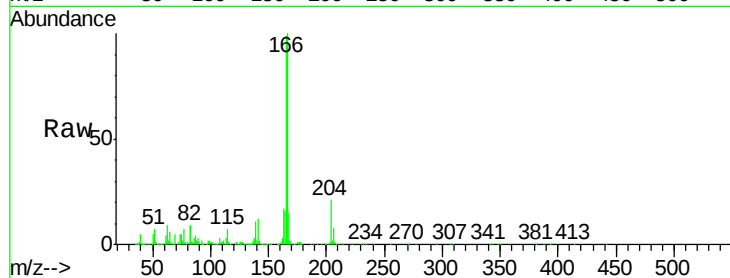
Tgt Ion:166 Resp: 989675

Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

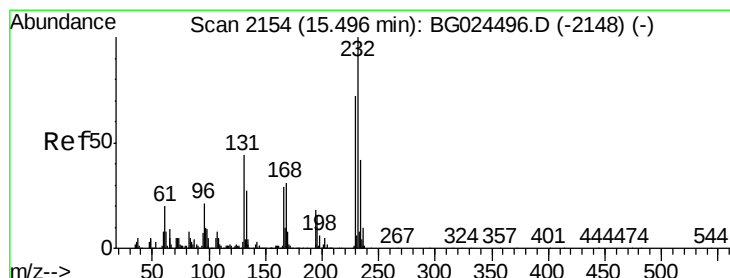
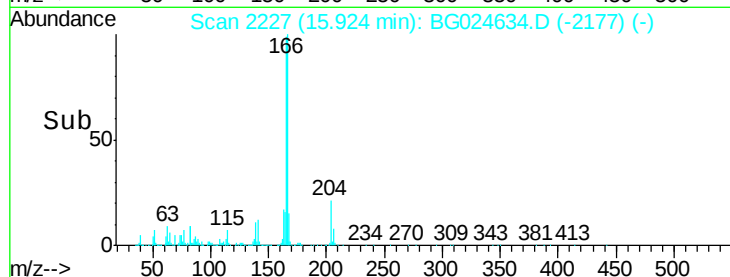
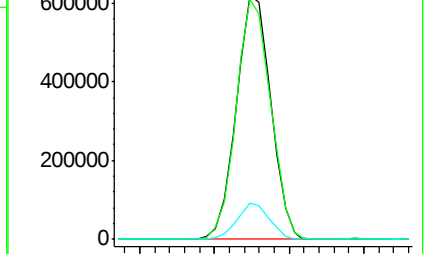
167 14.7 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.36 ng

RT: 15.50 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Tgt Ion:232 Resp: 343970

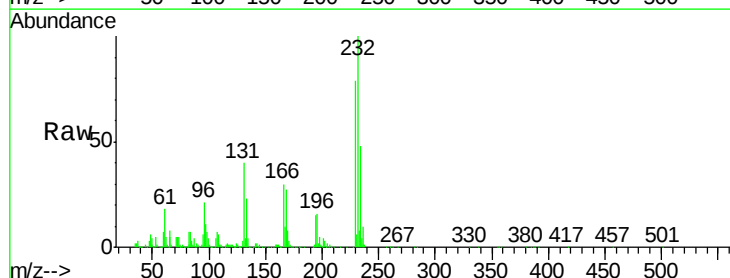
Ion Ratio Lower Upper

232 100

131 38.8 34.9 52.3

130 2.5 2.3 3.5

166 27.6 24.2 36.4

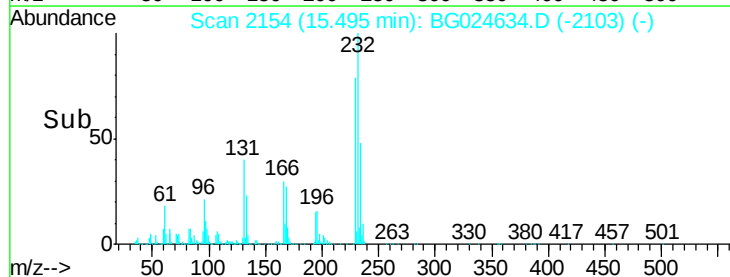
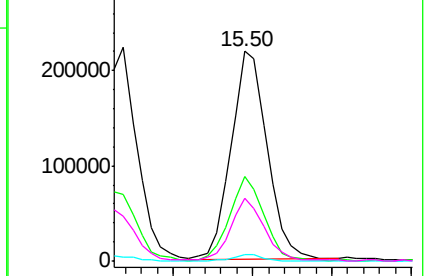


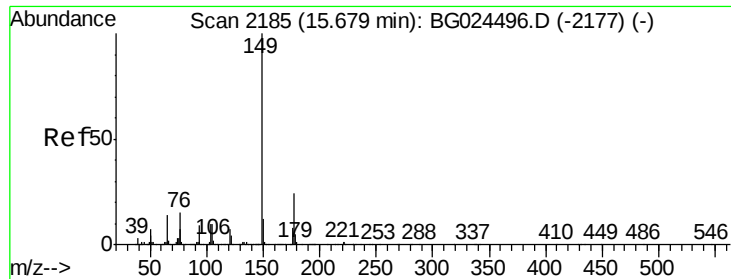
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.71 ng

RT: 15.68 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

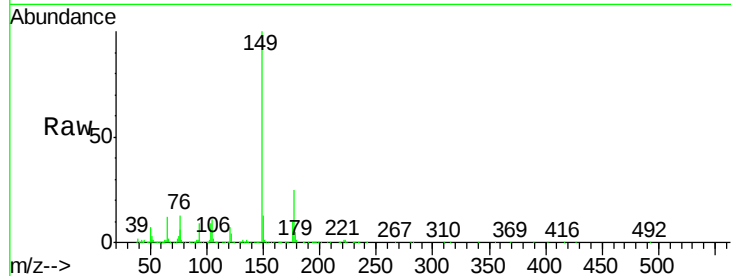
Tgt Ion:149 Resp: 1031735

Ion Ratio Lower Upper

149 100

177 24.8 20.1 30.1

150 13.4 10.2 15.2

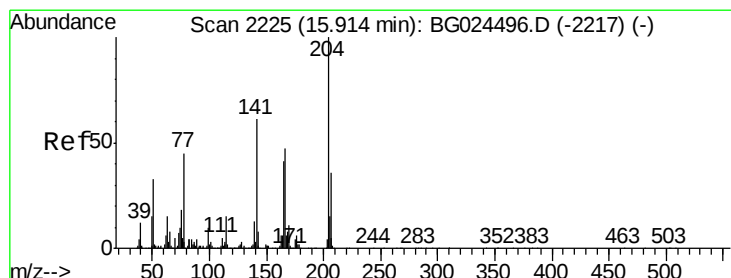
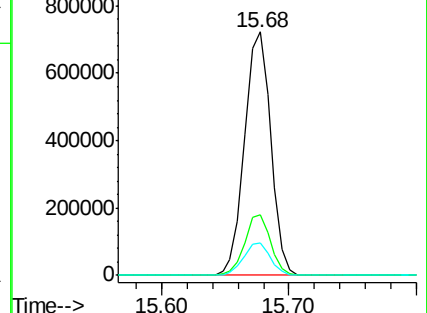
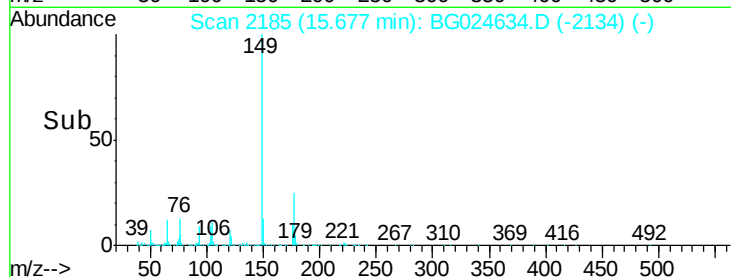


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.68



#60

4-Chlorophenyl-phenylether

Concen: 42.02 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

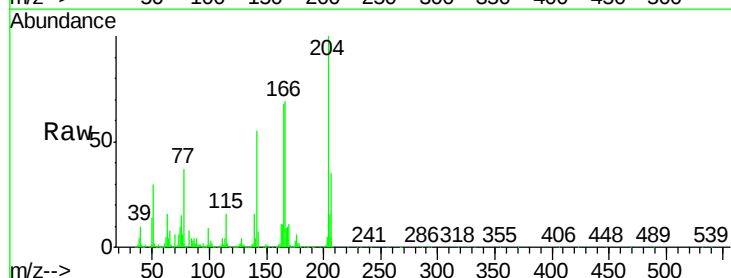
Tgt Ion:204 Resp: 570017

Ion Ratio Lower Upper

204 100

206 35.3 30.1 45.1

141 55.0 50.6 76.0

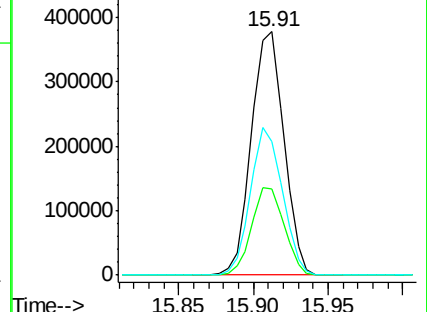
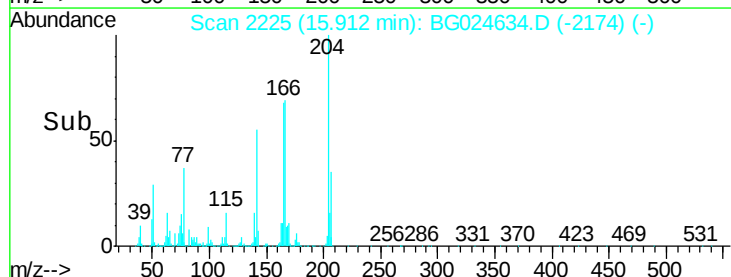


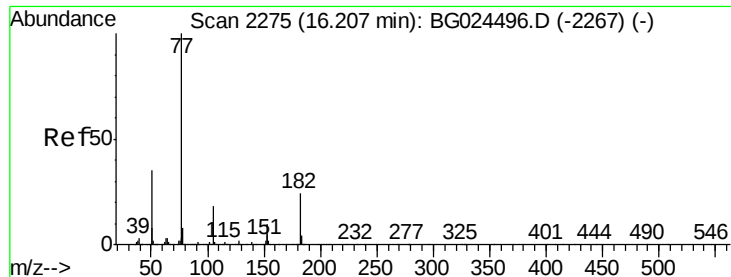
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

15.91

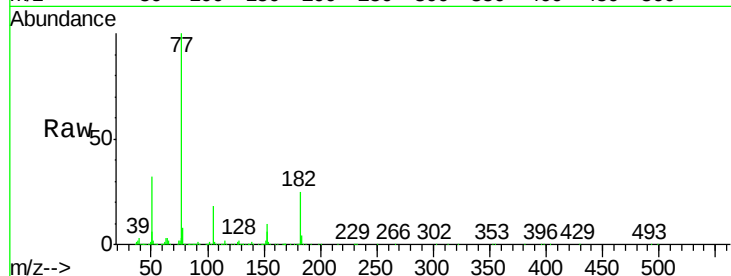




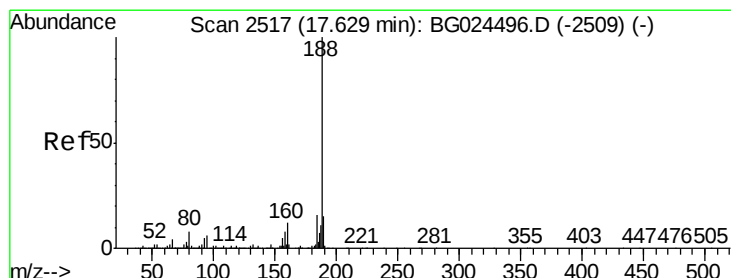
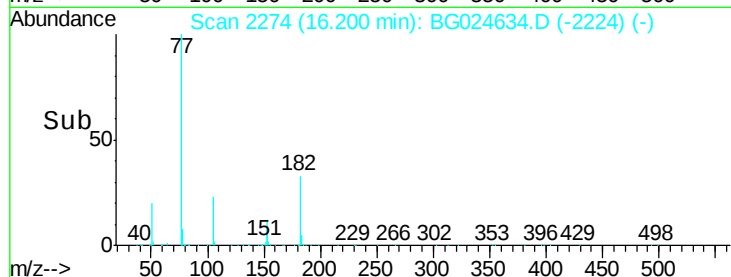
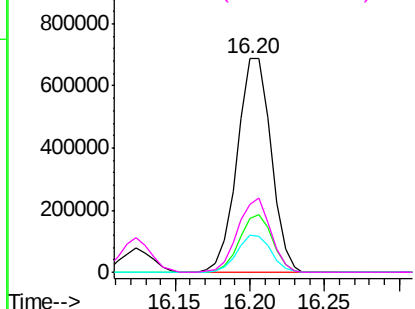
#62
Azobenzene
Concen: 41.89 ng
RT: 16.20 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Instrument :
BNA_G
ClientSampleId :
PB94494BS

Tgt Ion: 77 Resp: 1085448
Ion Ratio Lower Upper
77 100
182 25.4 4.7 44.7
105 17.6 0.0 36.3
51 32.1 16.4 56.4

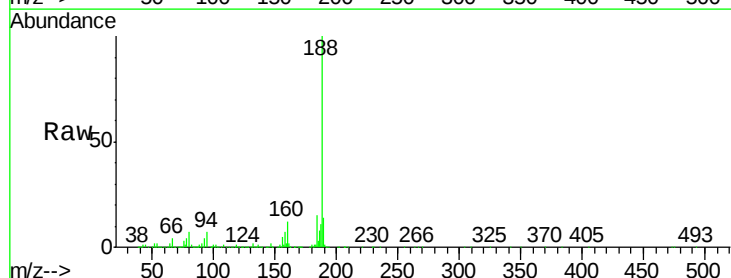


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

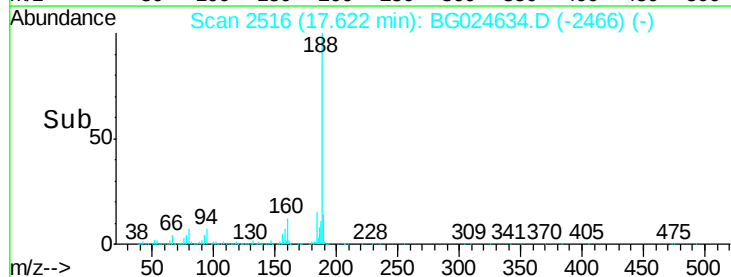
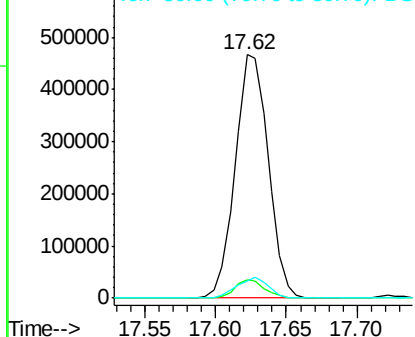


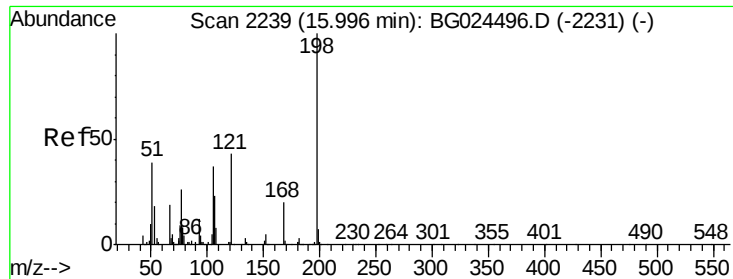
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion: 188 Resp: 764594
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.8
80 7.1 7.5 11.3#



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

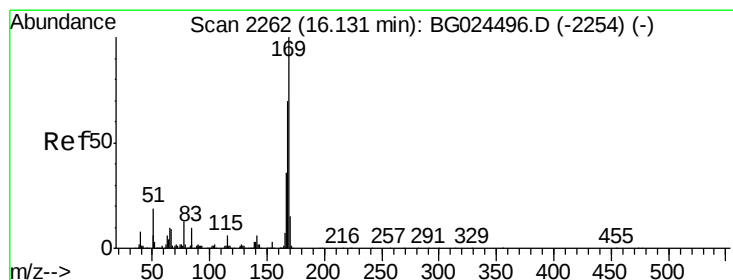
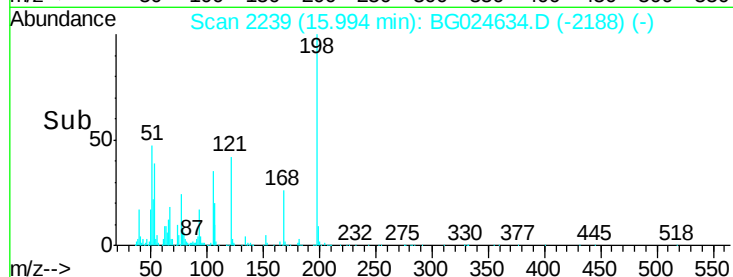
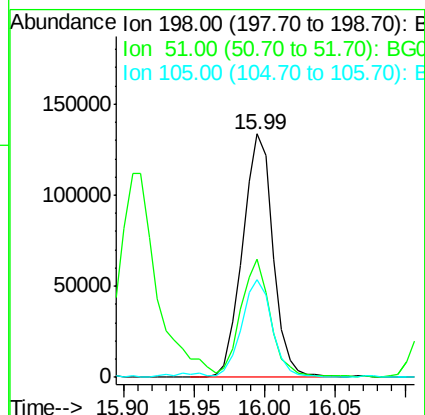
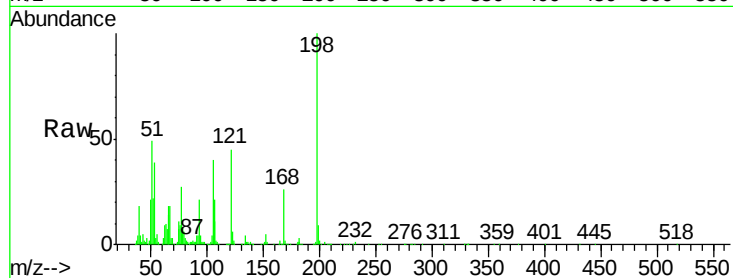




#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.35 ng
 RT: 15.99 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BG024634.D
 Acq: 2 Nov 2016 20:37

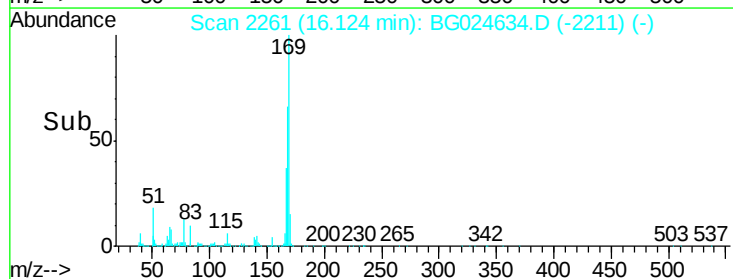
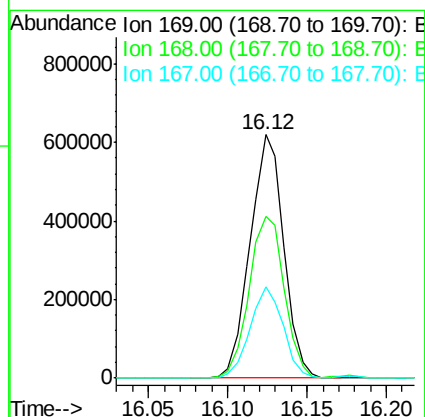
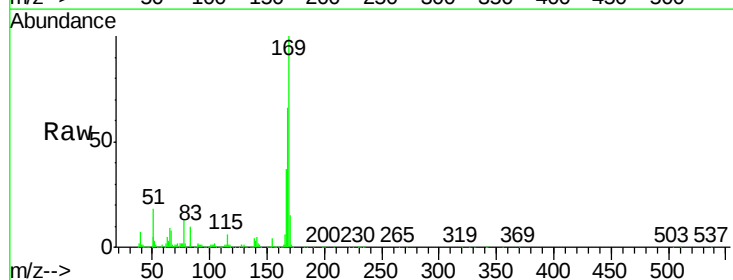
Instrument :
 BNA_G
 ClientSampleId :
 PB94494BS

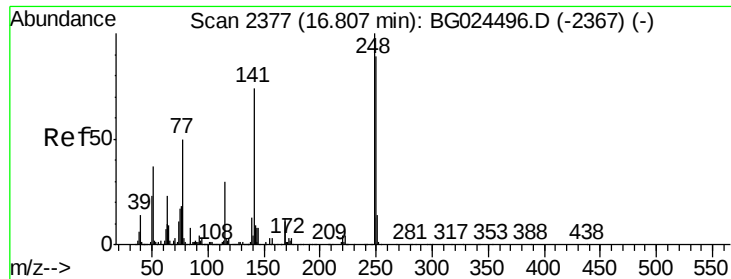
Tgt Ion:198 Resp: 202038
 Ion Ratio Lower Upper
 198 100
 51 48.5 22.6 62.6
 105 40.1 14.4 54.4



#65
 n-Nitrosodiphenylamine
 Concen: 43.72 ng
 RT: 16.12 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BG024634.D
 Acq: 2 Nov 2016 20:37

Tgt Ion:169 Resp: 913769
 Ion Ratio Lower Upper
 169 100
 168 66.4 55.7 83.5
 167 37.4 29.8 44.6

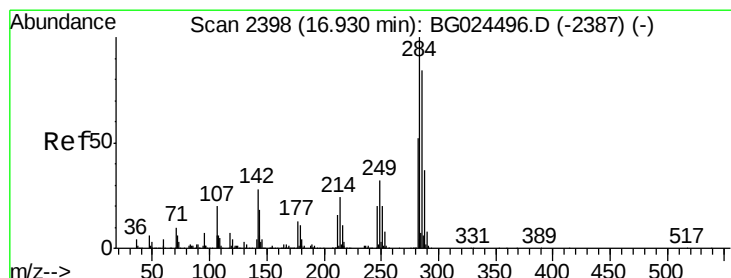
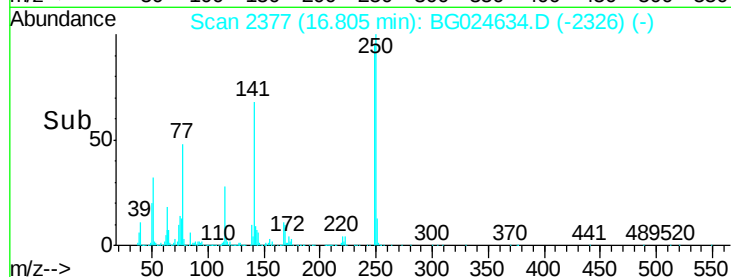
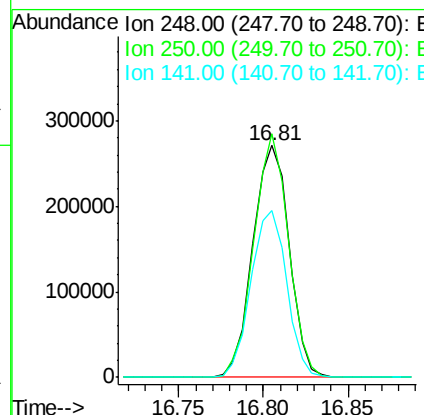
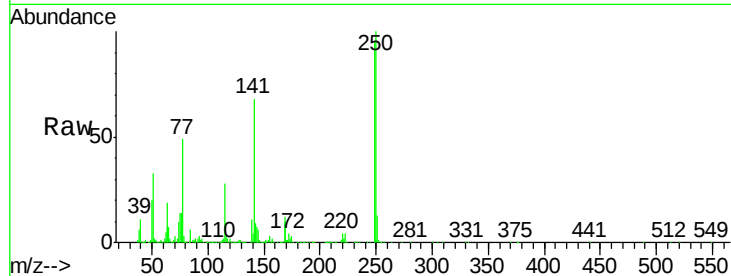




#66
4-Bromophenyl-phenylether
Concen: 43.77 ng
RT: 16.81 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

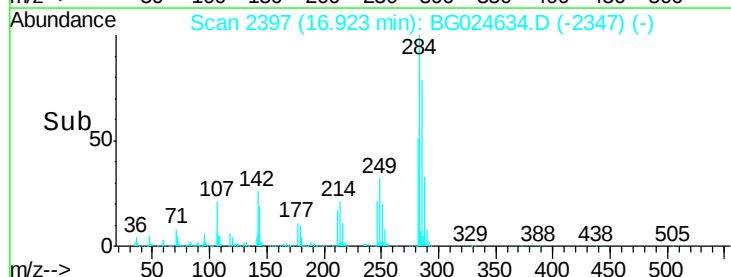
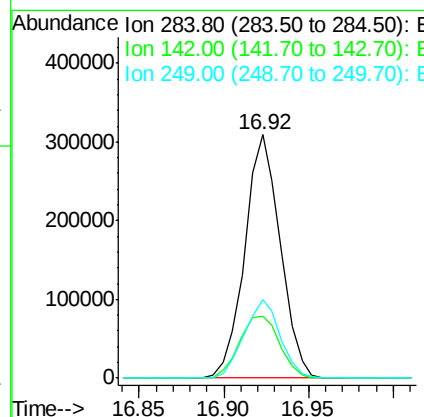
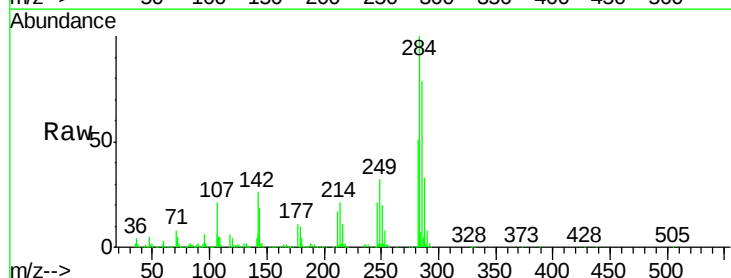
Instrument :
BNA_G
ClientSampleId :
PB94494BS

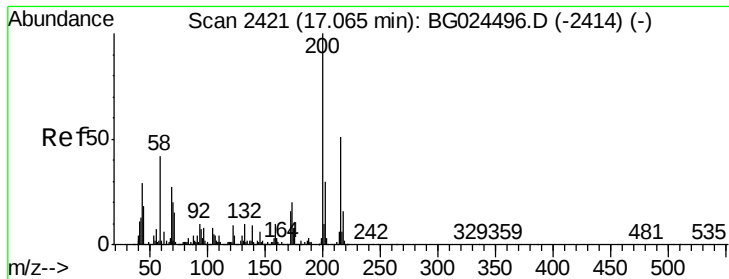
Tgt Ion:248 Resp: 406278
Ion Ratio Lower Upper
248 100
250 105.0 75.0 112.6
141 71.8 55.2 82.8



#67
Hexachlorobenzene
Concen: 44.00 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:284 Resp: 451299
Ion Ratio Lower Upper
284 100
142 25.5 29.9 44.9#
249 32.4 29.2 43.8





#68

Atrazine

Concen: 43.92 ng

RT: 17.06 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

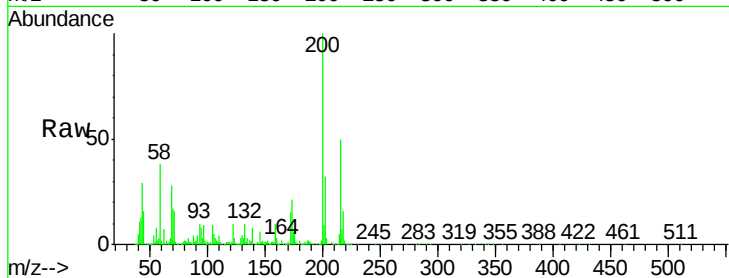
Tgt Ion:200 Resp: 393759

Ion Ratio Lower Upper

200 100

173 20.8 3.0 43.0

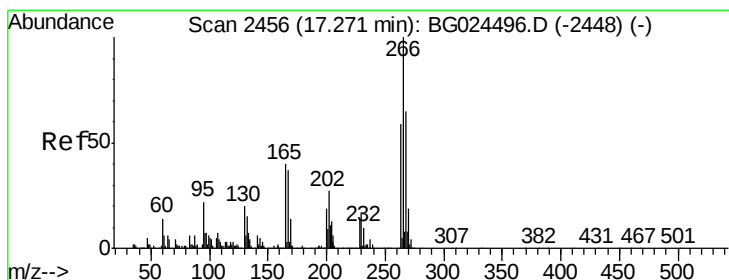
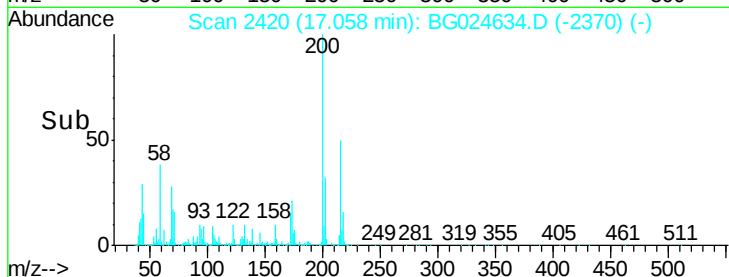
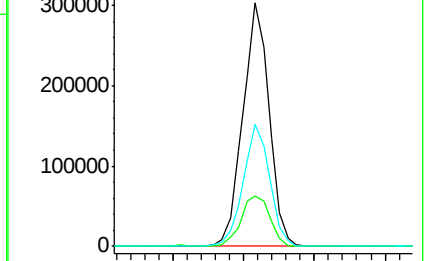
215 50.3 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 75.94 ng

RT: 17.27 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

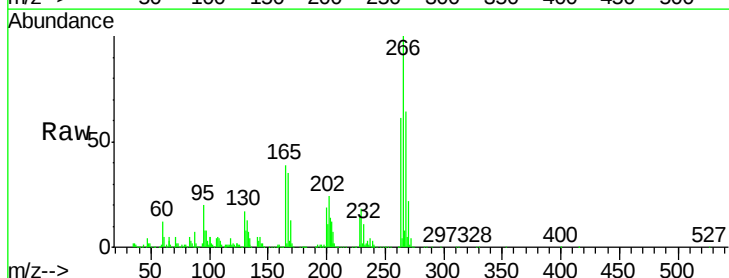
Tgt Ion:266 Resp: 513970

Ion Ratio Lower Upper

266 100

268 63.8 48.6 72.8

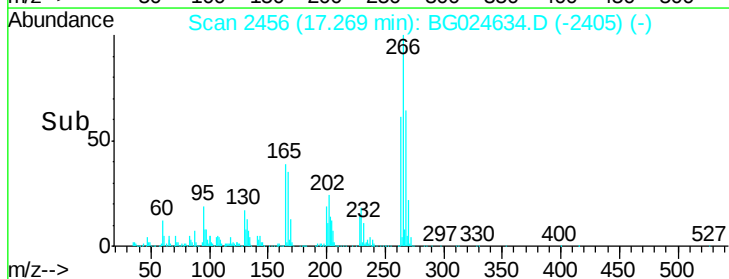
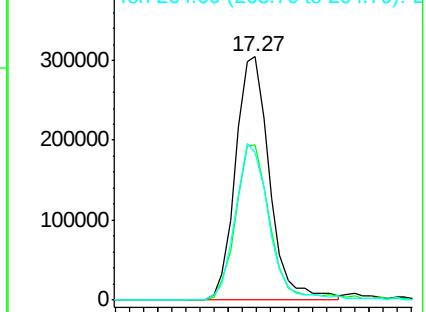
264 60.5 50.1 75.1

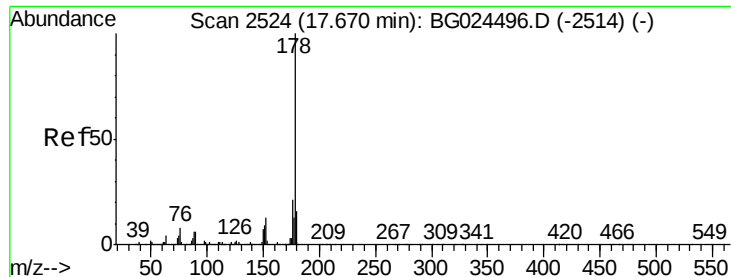


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 42.17 ng

RT: 17.67 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

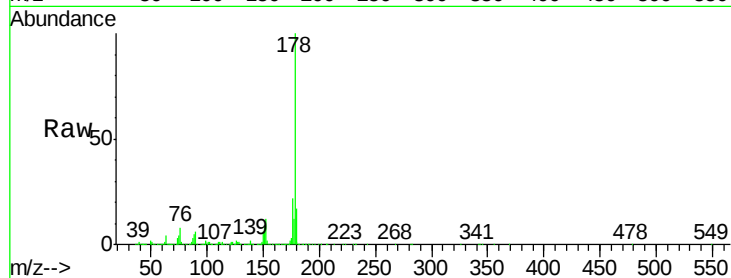
Tgt Ion:178 Resp: 1643342

Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.7	26.5
179	17.4	15.0	22.6

178 100

176 21.8 17.7 26.5

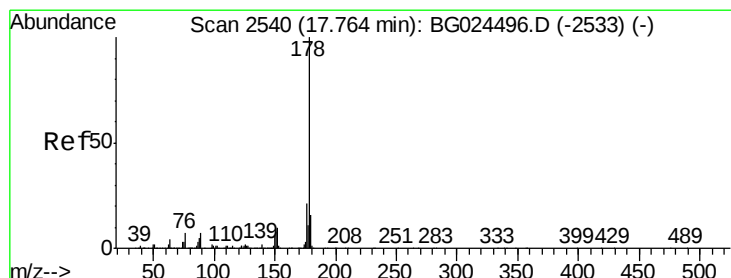
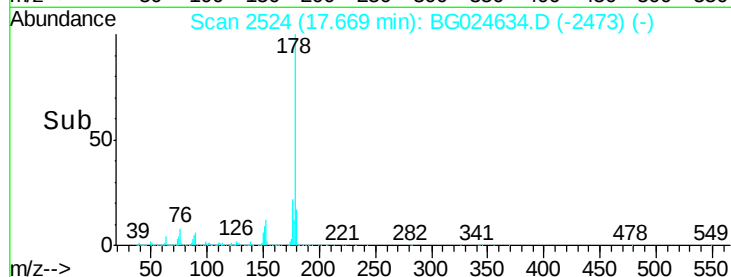
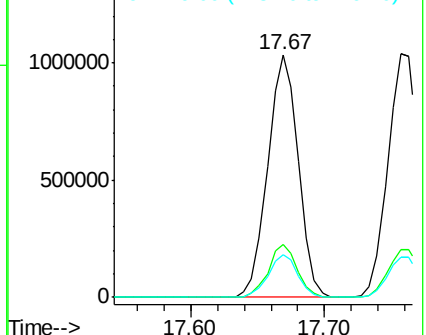
179 17.4 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 42.98 ng

RT: 17.76 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

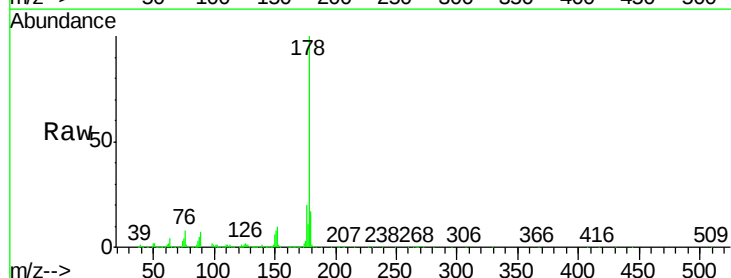
Tgt Ion:178 Resp: 1689979

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.4	24.6
179	16.7	13.8	20.8

178 100

176 19.7 16.4 24.6

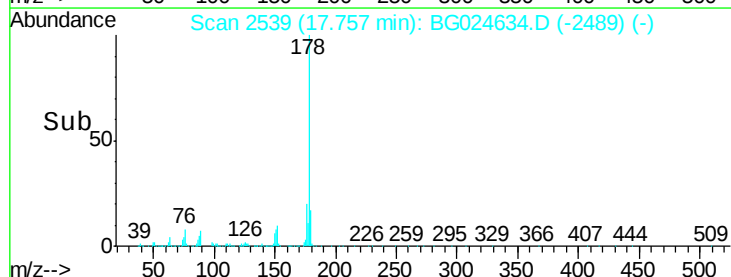
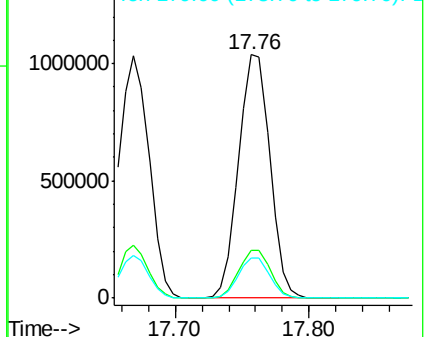
179 16.7 13.8 20.8

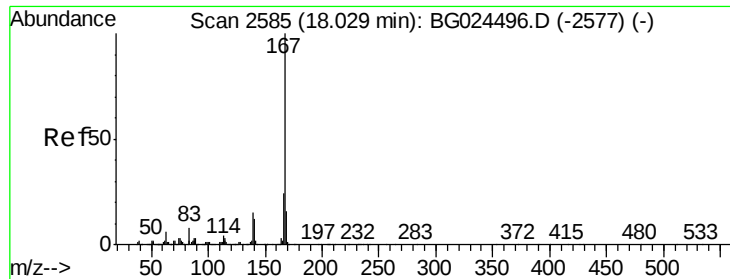


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.43 ng

RT: 18.03 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

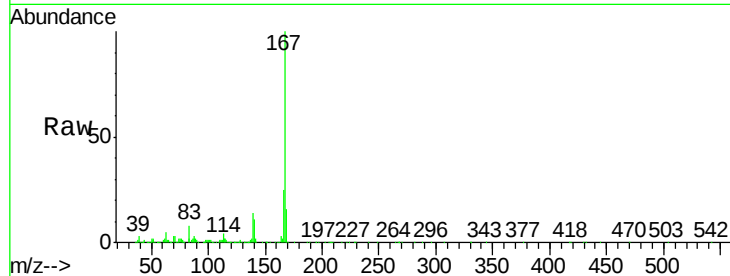
Tgt Ion:167 Resp: 1485609

Ion Ratio Lower Upper

167 100

166 24.7 20.2 30.2

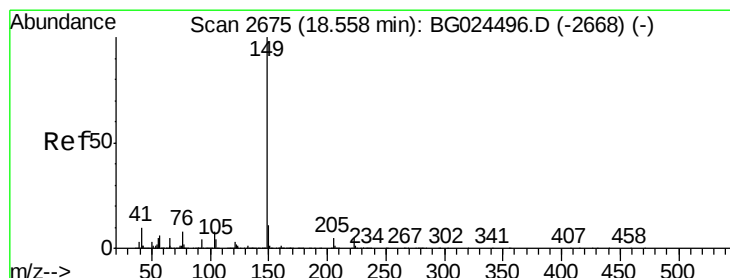
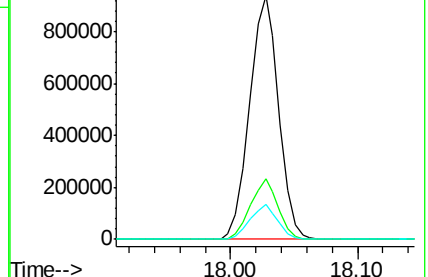
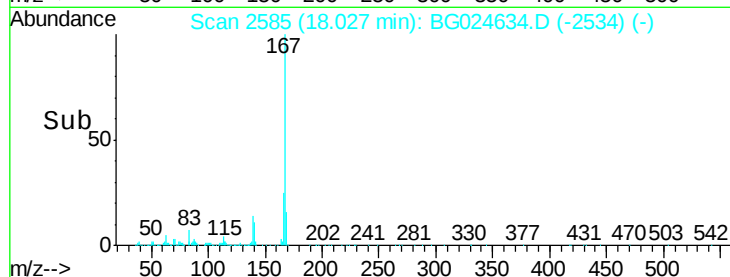
139 14.3 12.8 19.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.22 ng

RT: 18.56 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

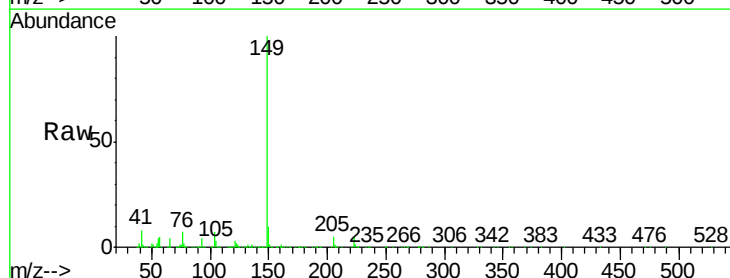
Tgt Ion:149 Resp: 1704244

Ion Ratio Lower Upper

149 100

150 10.3 9.1 13.7

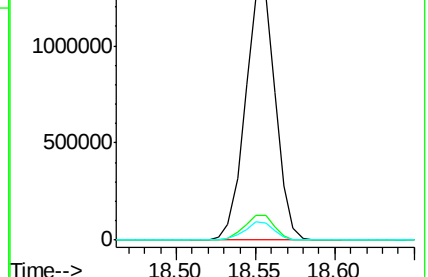
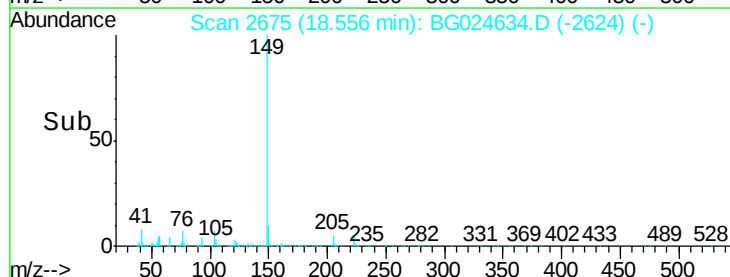
104 7.0 6.7 10.1

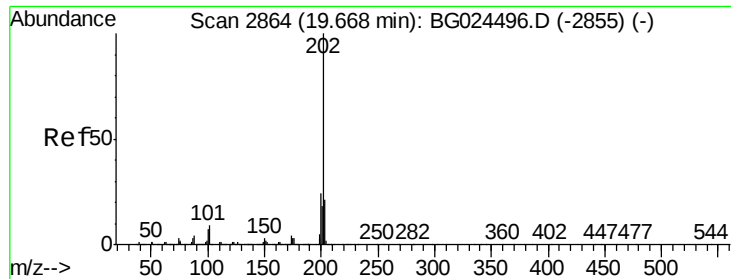


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 42.45 ng

RT: 19.66 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

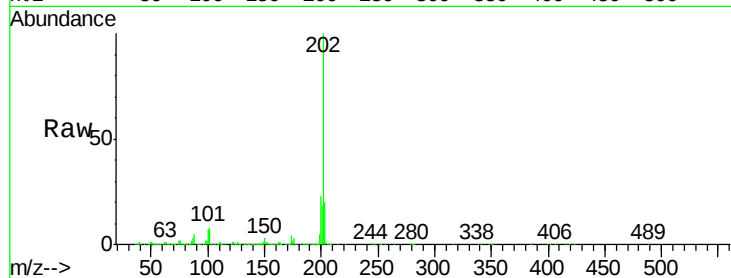
Tgt Ion:202 Resp: 2091289

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.1

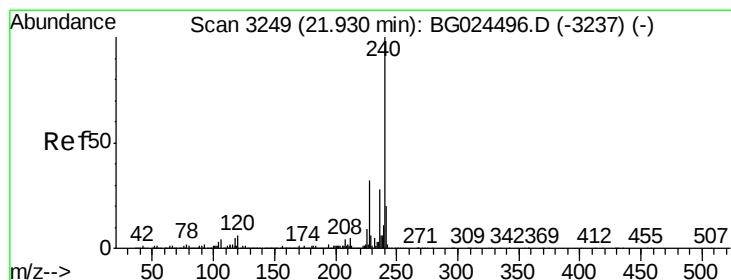
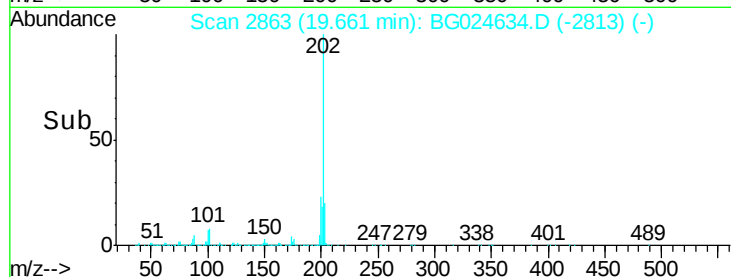
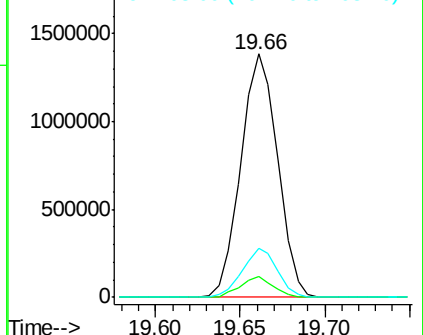
203 20.4 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

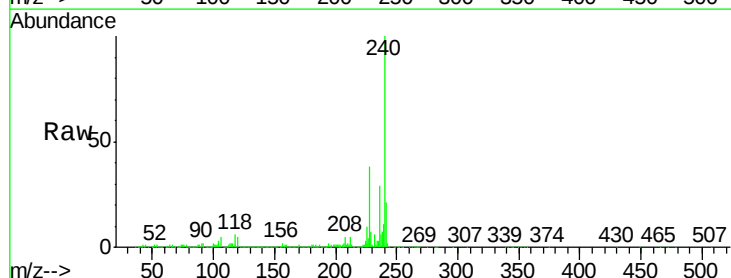
Tgt Ion:240 Resp: 1019432

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

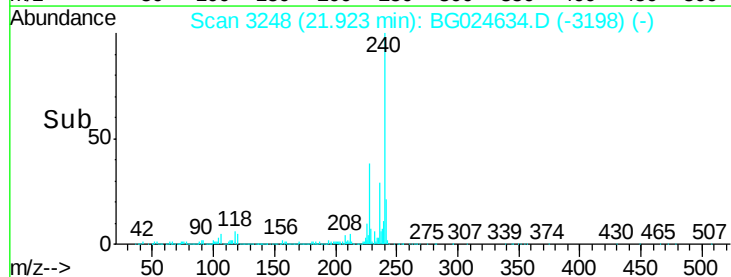
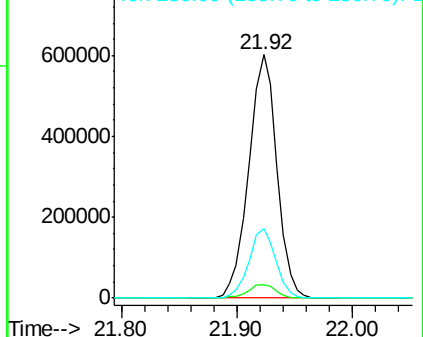
236 28.8 22.2 33.4

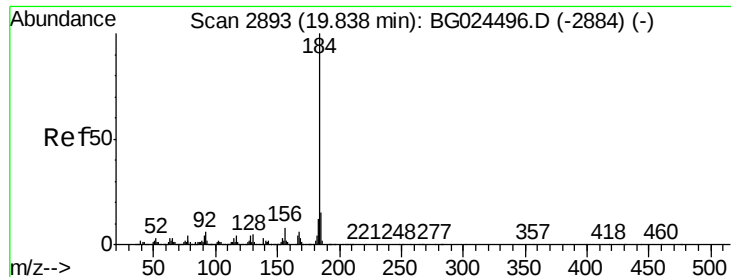


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 45.05 ng

RT: 19.84 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

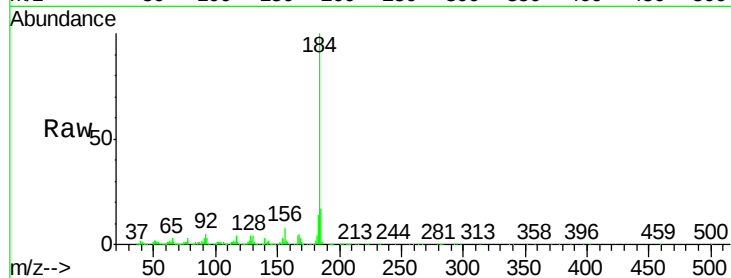
Tgt Ion:184 Resp: 1082004

Ion Ratio Lower Upper

184 100

185 16.7 13.0 19.6

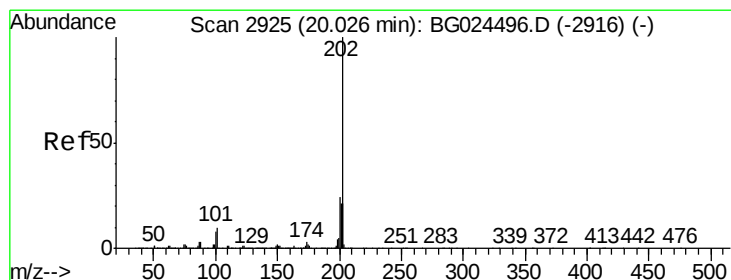
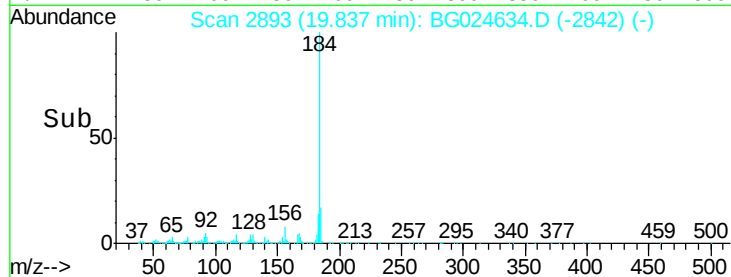
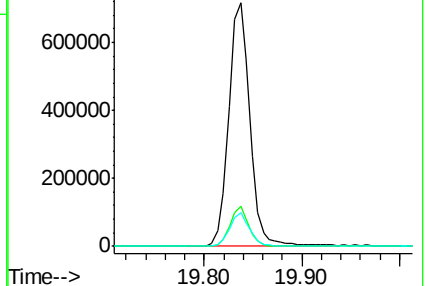
183 13.7 11.0 16.6



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: 42.62 ng

RT: 20.03 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

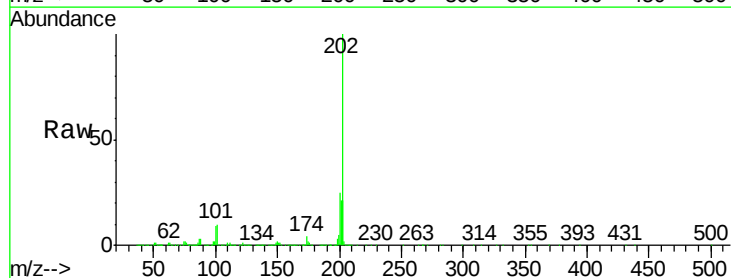
Tgt Ion:202 Resp: 2124174

Ion Ratio Lower Upper

202 100

200 24.6 19.6 29.4

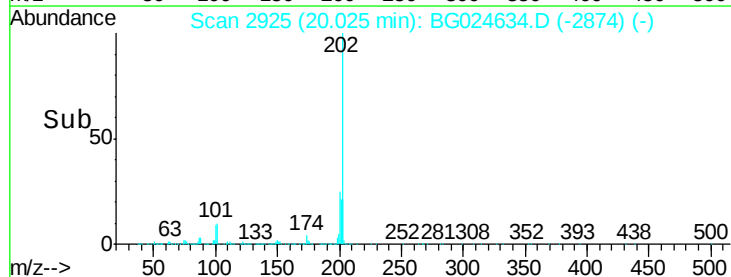
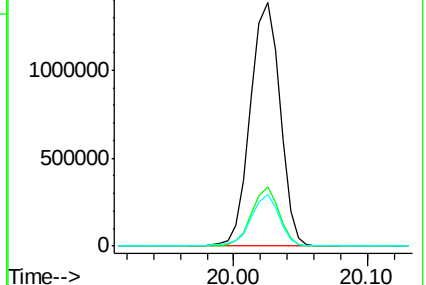
203 21.0 15.8 23.8

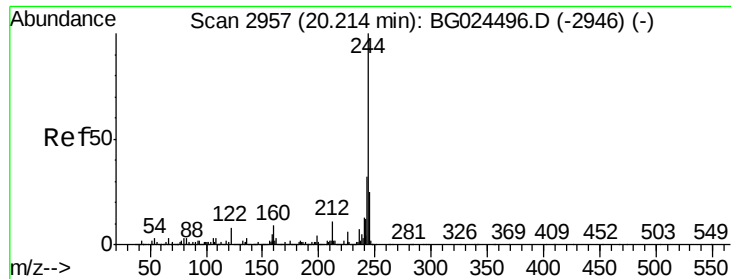


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.68 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

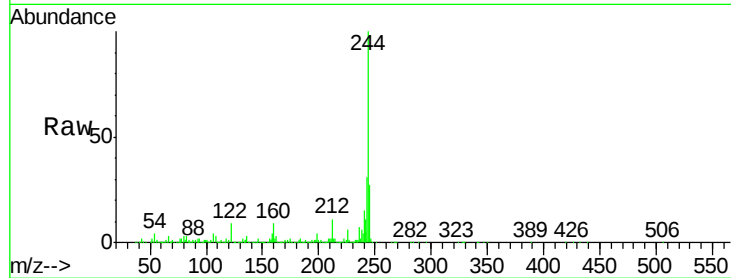
Tgt Ion:244 Resp: 2957131

Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.0	15.0
122	9.5	8.6	12.8

244 100

212 11.4 10.0 15.0

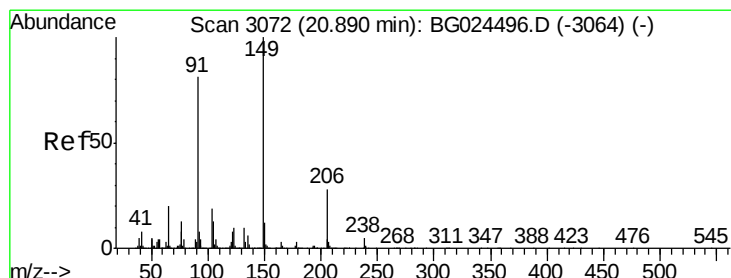
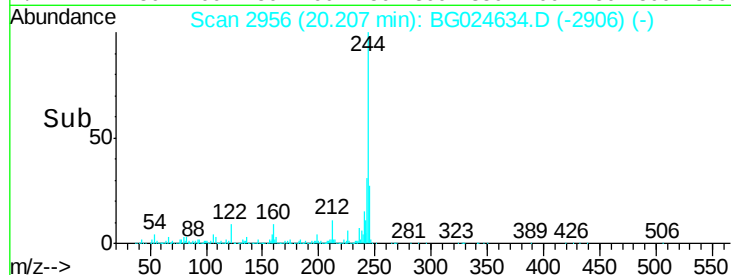
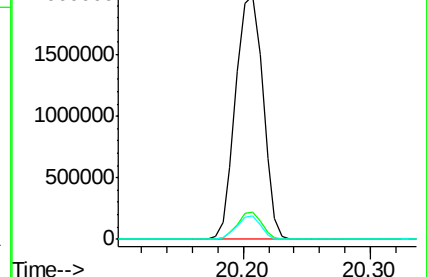
122 9.5 8.6 12.8



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: 42.95 ng

RT: 20.88 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

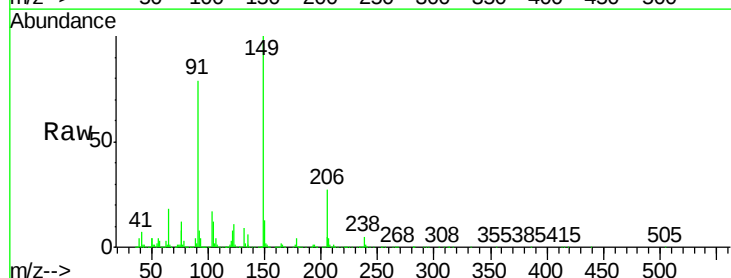
Tgt Ion:149 Resp: 892330

Ion	Ratio	Lower	Upper
149	100		
91	79.1	63.5	95.3
206	26.6	21.0	31.6

149 100

91 79.1 63.5 95.3

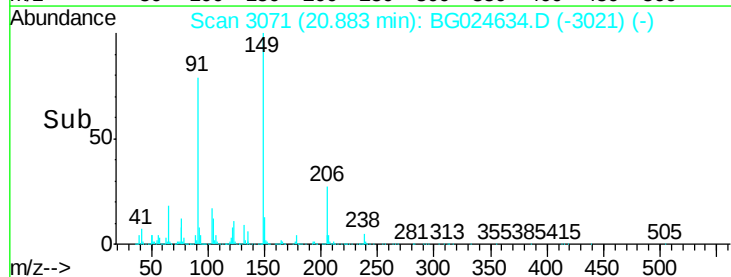
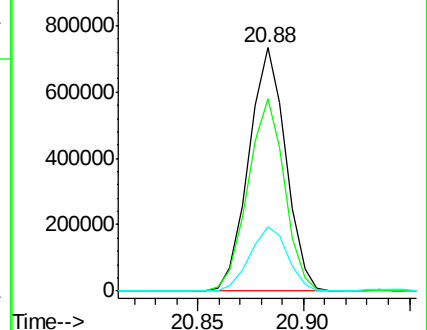
206 26.6 21.0 31.6

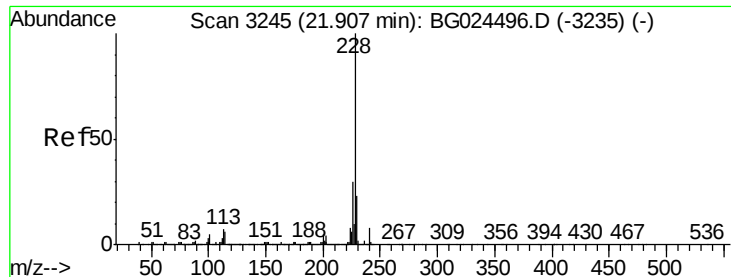


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.27 ng

RT: 21.90 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

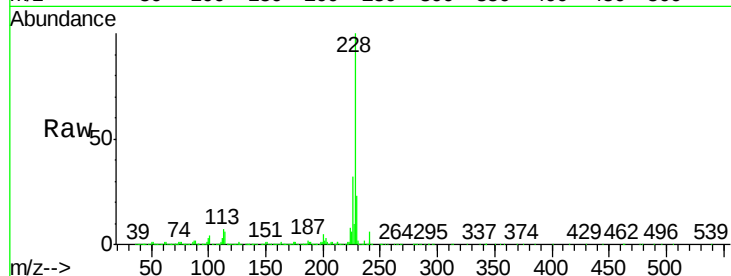
Tgt Ion:228 Resp: 2423402

Ion Ratio Lower Upper

228 100

226 31.8 24.9 37.3

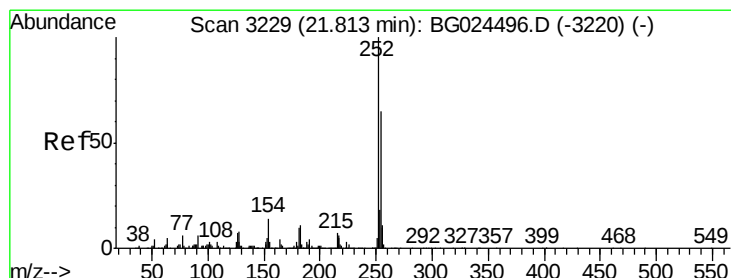
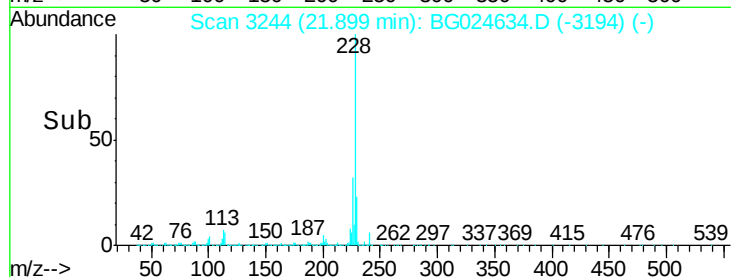
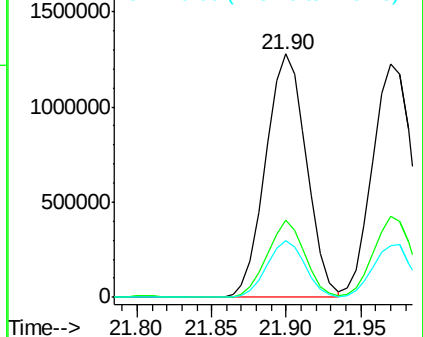
229 23.4 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 31.24 ng

RT: 21.81 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

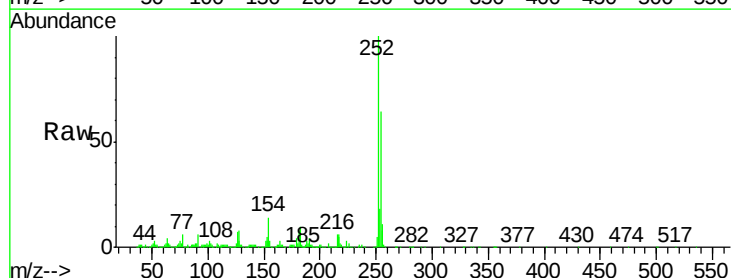
Tgt Ion:252 Resp: 705827

Ion Ratio Lower Upper

252 100

254 63.8 53.1 79.7

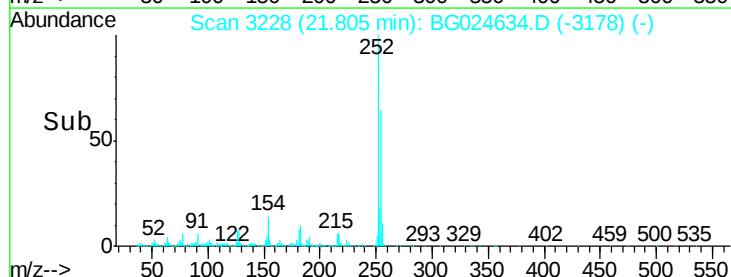
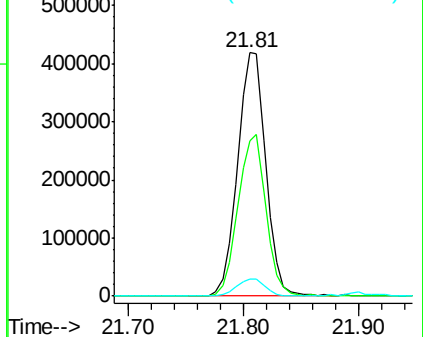
126 6.9 7.0 10.4#

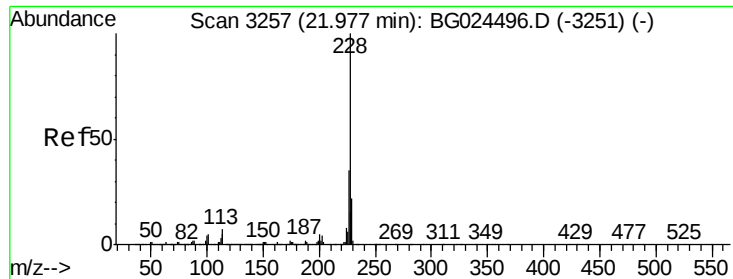


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.50 ng

RT: 21.97 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

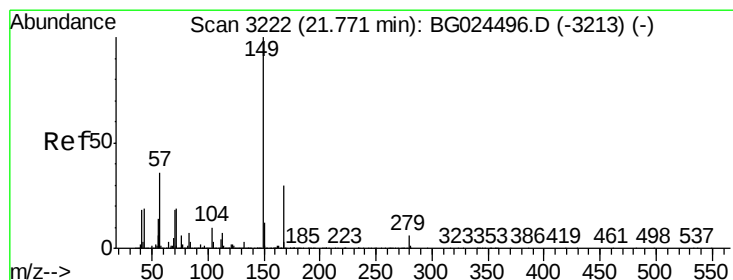
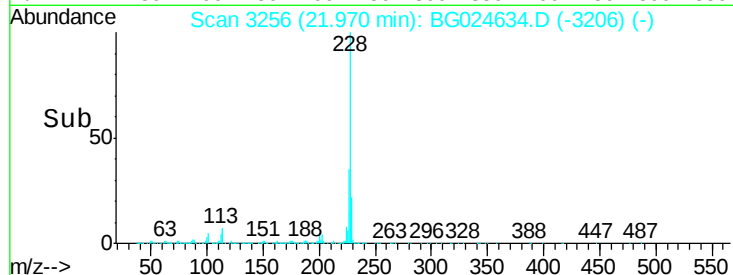
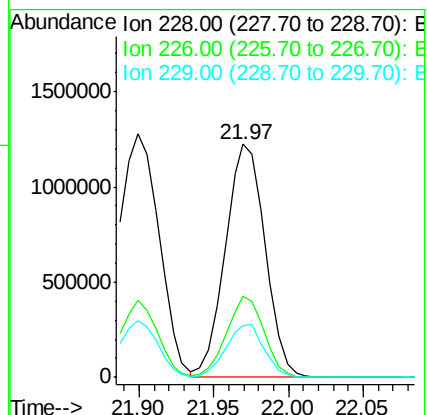
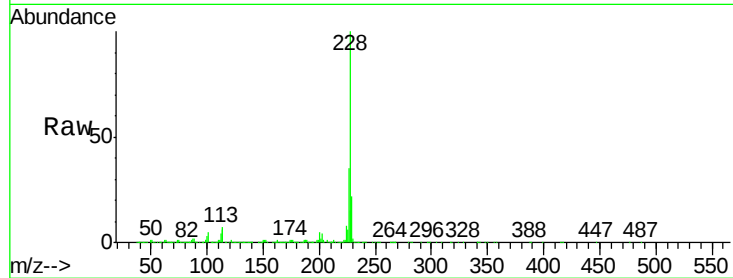
Tgt Ion:228 Resp: 2266592

Ion Ratio Lower Upper

228 100

226 35.0 27.0 40.4

229 22.1 17.8 26.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.35 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

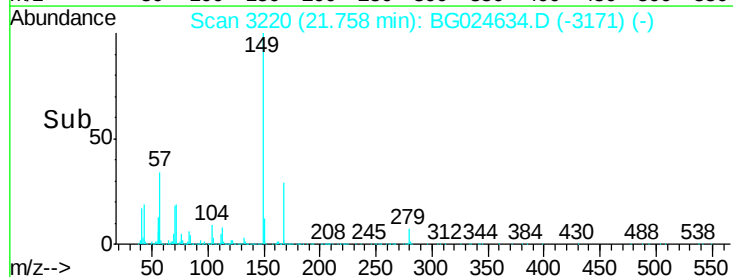
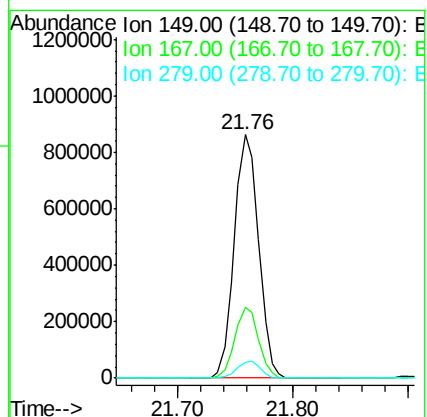
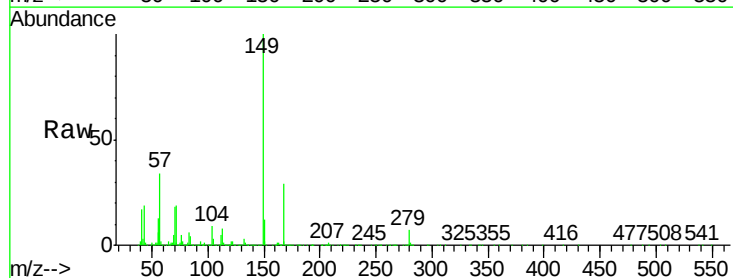
Tgt Ion:149 Resp: 1258636

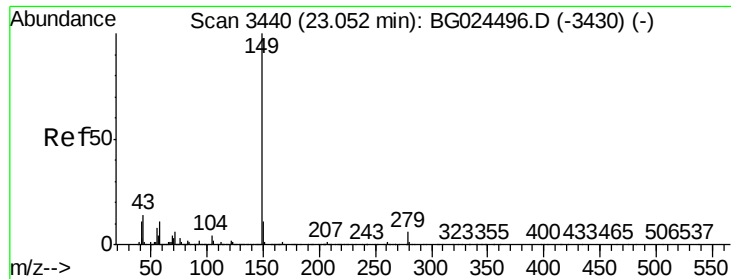
Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

279 6.6 4.6 6.8





#84

Di-n-octyl phthalate

Concen: 44.10 ng

RT: 23.03 min Scan# 3437

Delta R.T. -0.02 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

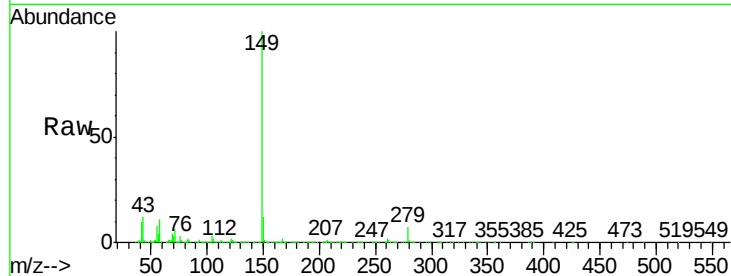
Tgt Ion:149 Resp: 2174928

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

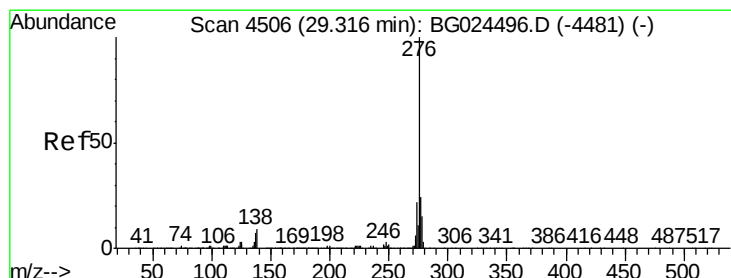
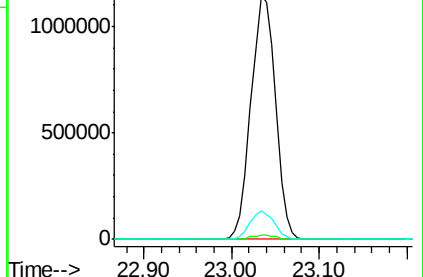
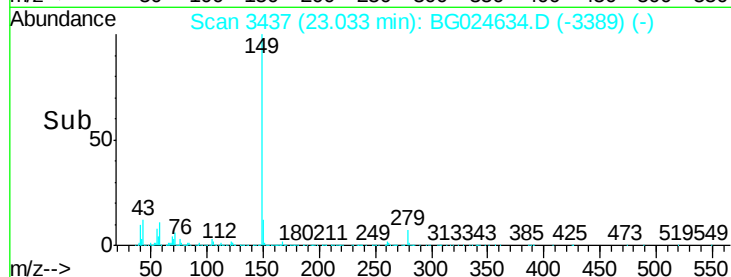
43 11.5 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.25 ng

RT: 29.30 min Scan# 4503

Delta R.T. -0.02 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

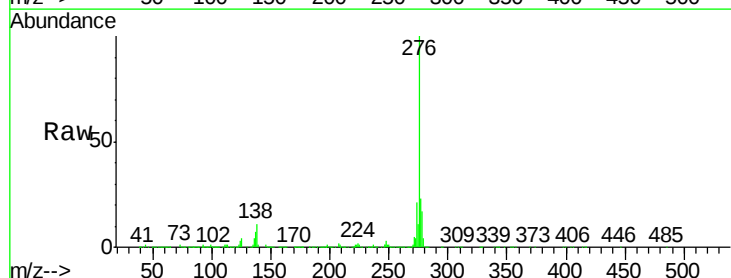
Tgt Ion:276 Resp: 3110676

Ion Ratio Lower Upper

276 100

138 7.4 4.7 7.1#

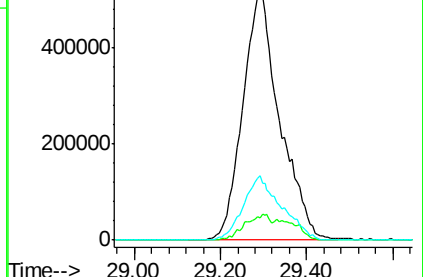
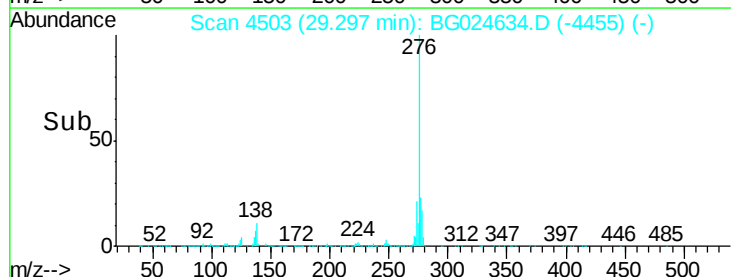
277 26.5 20.6 31.0

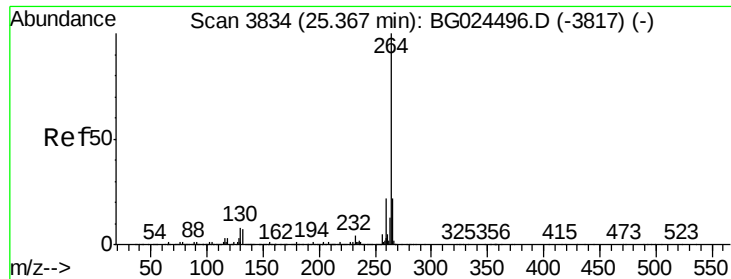


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



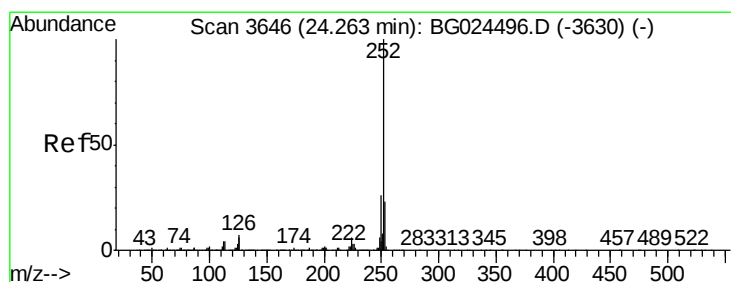
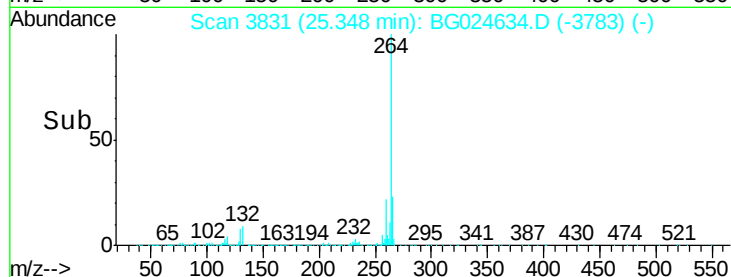
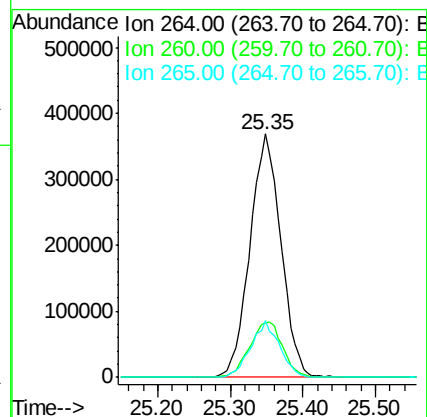
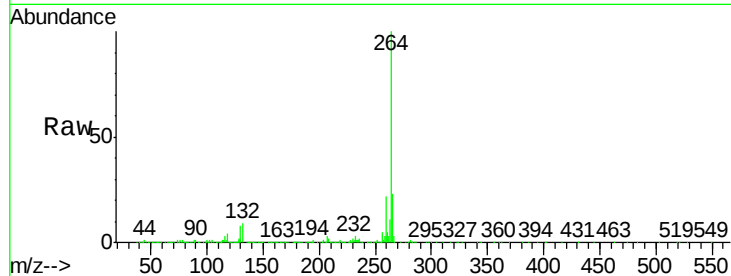


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Instrument :
BNA_G
ClientSampleId :
PB94494BS

Tgt Ion:264 Resp: 1092873

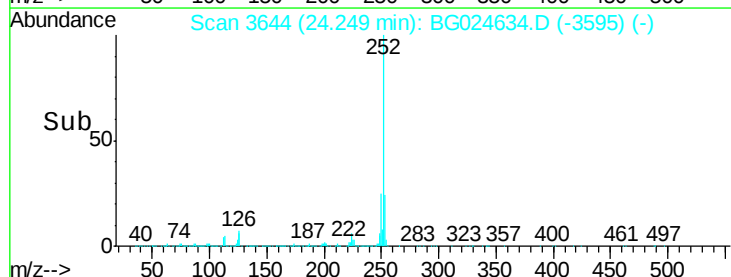
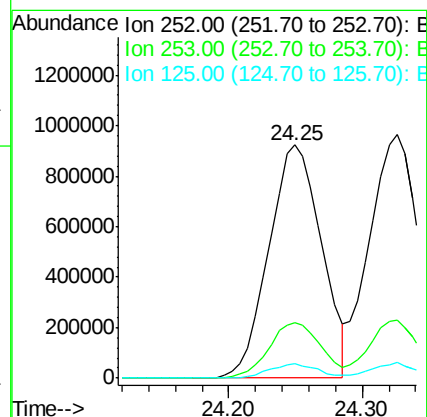
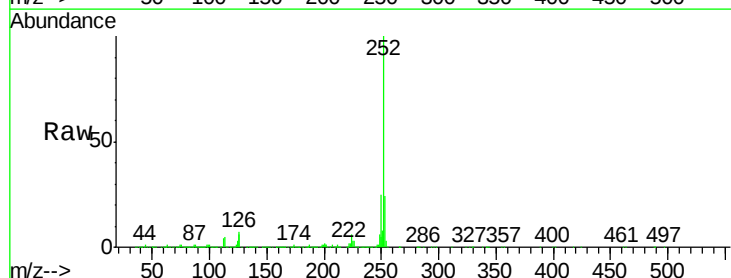
Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	23.4	18.2	27.4

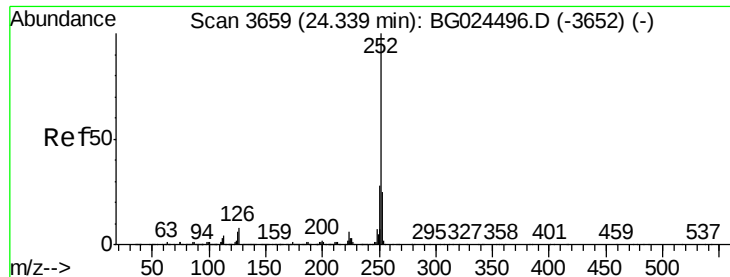


#87
Benzo(b)fluoranthene
Concen: 42.71 ng
RT: 24.25 min Scan# 3644
Delta R.T. -0.01 min
Lab File: BG024634.D
Acq: 2 Nov 2016 20:37

Tgt Ion:252 Resp: 2523111

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	6.4	5.3	7.9





#88

Benzo(k)fluoranthene

Concen: 43.30 ng

RT: 24.33 min Scan# 3657

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

Tgt Ion:252 Resp: 2470360

Ion Ratio Lower Upper

252 100

253 24.0 20.2 30.2

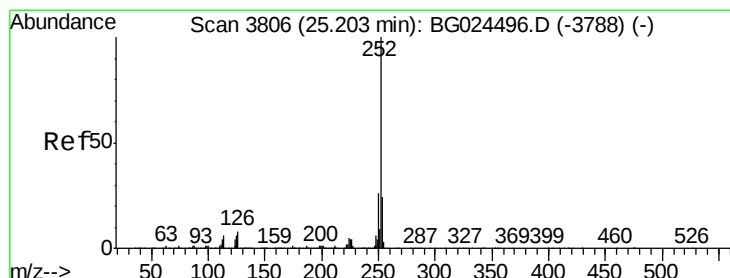
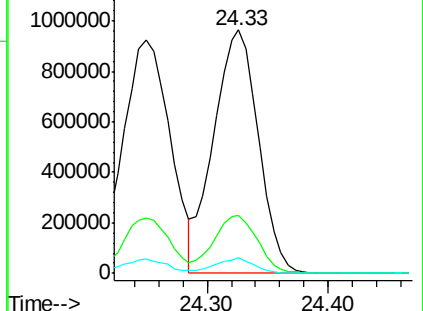
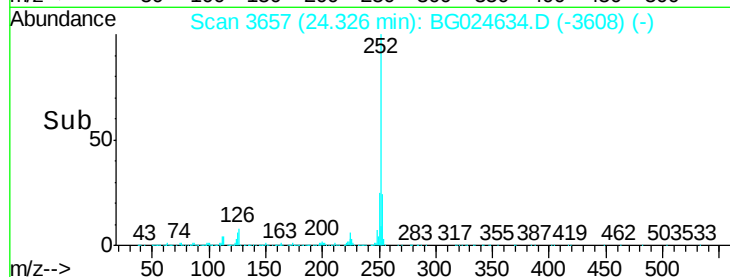
125 6.5 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 42.30 ng

RT: 25.19 min Scan# 3804

Delta R.T. -0.01 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

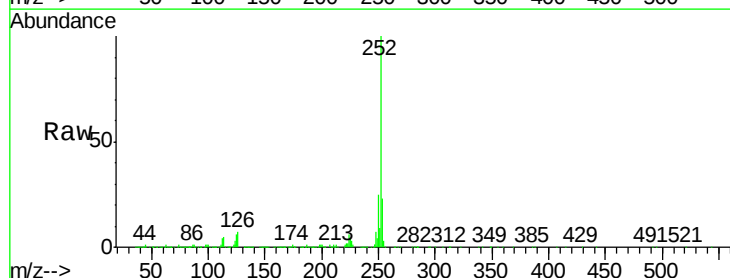
Tgt Ion:252 Resp: 2441966

Ion Ratio Lower Upper

252 100

253 22.6 19.2 28.8

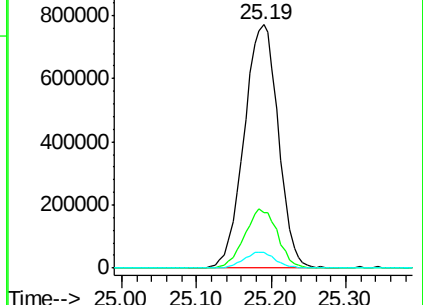
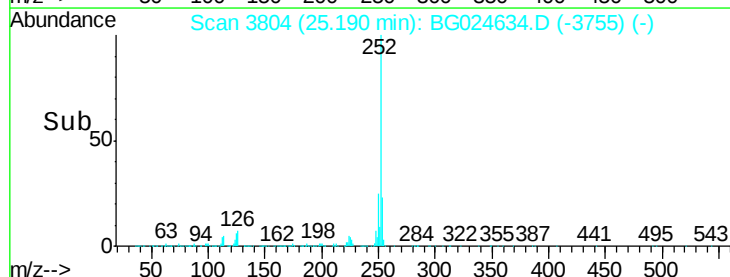
125 6.3 5.4 8.0

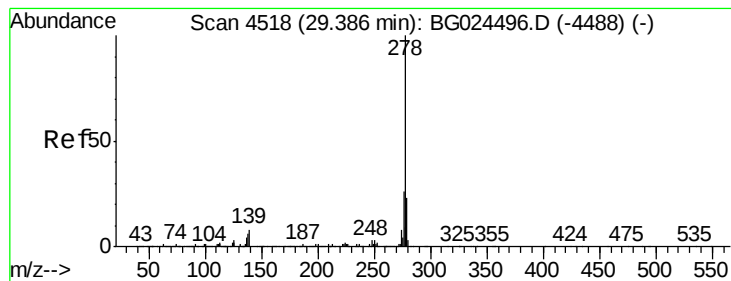


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 41.42 ng

RT: 29.36 min Scan# 4513

Delta R.T. -0.03 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

Instrument :

BNA_G

ClientSampleId :

PB94494BS

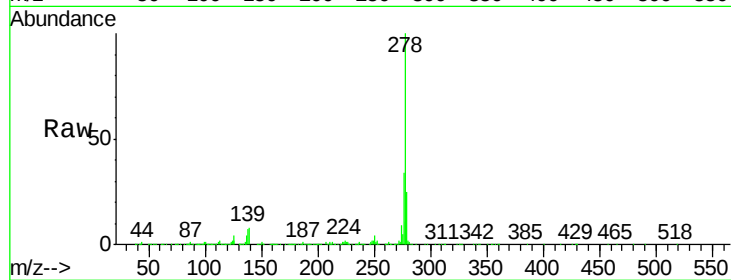
Tgt Ion:278 Resp: 2623995

Ion Ratio Lower Upper

278 100

139 8.2 7.7 11.5

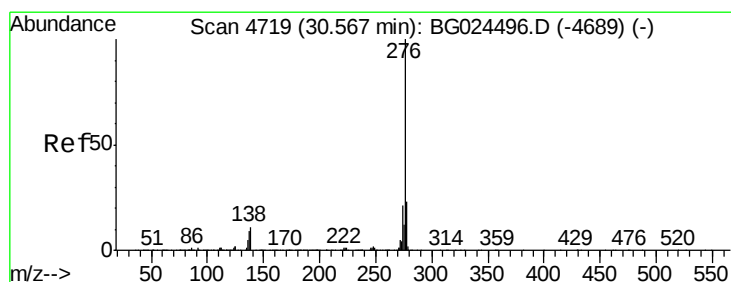
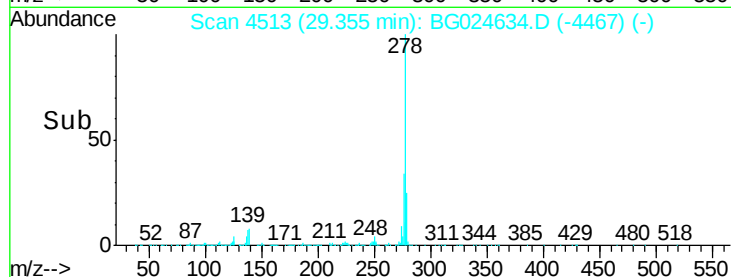
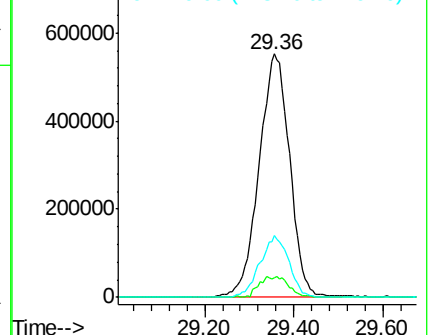
279 25.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 40.63 ng

RT: 30.53 min Scan# 4713

Delta R.T. -0.04 min

Lab File: BG024634.D

Acq: 2 Nov 2016 20:37

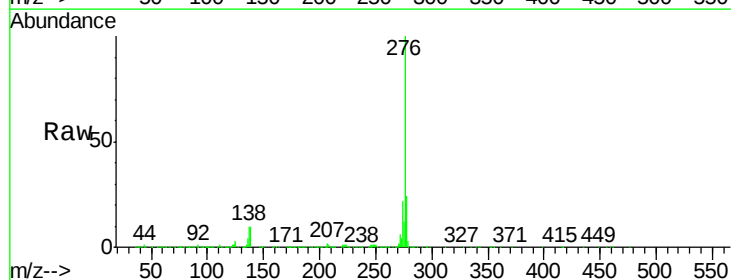
Tgt Ion:276 Resp: 2571607

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 9.9 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

