

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024687.D
 Acq On : 4 Nov 2016 22:35
 Operator : UM/SJ
 Sample : PB94526BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

Quant Time: Nov 05 00:30:42 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	92003	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	358683	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	284079	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	669744	20.00	ng	0.00
75) Chrysene-d12	21.92	240	944129	20.00	ng	0.00
86) Perylene-d12	25.35	264	991637	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	716494	127.64	ng	0.00
7) Phenol-d6	7.41	99	1020298	132.51	ng	0.00
23) Nitrobenzene-d5	9.44	82	701935	89.10	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	587063	138.33	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1437261	84.09	ng	0.00
78) Terphenyl-d14	20.21	244	2783251	88.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	74518	32.49	ng	93
3) Pyridine	4.07	79	229054	33.36	ng	94
4) n-Nitrosodimethylamine	3.98	42	144911	40.77	ng	# 73
6) Aniline	7.58	93	172540	17.69	ng	# 94
8) 2-Chlorophenol	7.83	128	238629	41.81	ng	99
9) Benzaldehyde	7.40	77	38301	8.05	ng	93
10) Phenol	7.43	94	348548	43.91	ng	97
11) bis(2-Chloroethyl)ether	7.67	93	242044	40.59	ng	94
12) 1,3-Dichlorobenzene	8.15	146	275543	39.00	ng	98
13) 1,4-Dichlorobenzene	8.30	146	279792	40.09	ng	93
14) 1,2-Dichlorobenzene	8.62	146	264143	39.37	ng	93
15) Benzyl Alcohol	8.50	79	287142	40.09	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.79	45	413869	37.41	ng	96
17) 2-Methylphenol	8.69	107	221529	42.12	ng	99
18) Hexachloroethane	9.35	117	103213	38.47	ng	97
19) n-Nitroso-di-n-propylamine	9.07	70	221704	39.07	ng	96
20) 3+4-Methylphenols	9.02	107	294639	41.72	ng	98
22) Acetophenone	9.09	105	381626	41.42	ng	# 90
24) Nitrobenzene	9.48	77	354212	40.42	ng	99
25) Isophorone	10.00	82	599224	40.89	ng	98
26) 2-Nitrophenol	10.20	139	136403	41.93	ng	93
27) 2,4-Dimethylphenol	10.23	122	261687	45.95	ng	93
28) bis(2-Chloroethoxy)methane	10.48	93	337216	44.48	ng	99
29) 2,4-Dichlorophenol	10.73	162	272884	45.65	ng	94
30) 1,2,4-Trichlorobenzene	10.95	180	290993	41.04	ng	94
31) Naphthalene	11.15	128	732554	40.94	ng	99
32) Benzoic acid	10.35	122	123271	25.99	ng	88
33) 4-Chloroaniline	11.25	127	94974	12.23	ng	# 92
34) Hexachlorobutadiene	11.41	225	222972	40.18	ng	95
35) Caprolactam	12.01	113	93162	42.57	ng	92
36) 4-Chloro-3-methylphenol	12.34	107	314444	43.58	ng	98
37) 2-Methylnaphthalene	12.73	142	529169	40.53	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	369547	38.57	ng	99
40) Hexachlorocyclopentadiene	13.06	237	502064	93.05	ng	93

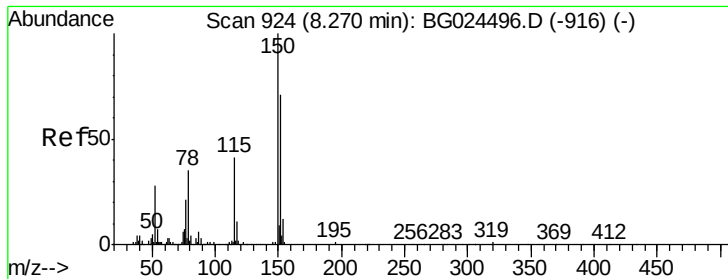
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	244943	42.53	ng	94
43) 2,4,5-Trichlorophenol	13.40	196	263648	42.34	ng	96
45) 1,1'-Biphenyl	13.72	154	743360	37.71	ng	98
46) 2-Chloronaphthalene	13.77	162	607145	40.45	ng	97
47) 2-Nitroaniline	13.97	65	252784	41.13	ng	98
48) Acenaphthylene	14.61	152	916167	39.80	ng	99
49) Dimethylphthalate	14.32	163	822937	40.80	ng	97
50) 2,6-Dinitrotoluene	14.45	165	189473	44.01	ng	92
51) Acenaphthene	14.95	154	606497	35.34	ng	97
52) 3-Nitroaniline	14.79	138	99911	22.43	ng	99
53) 2,4-Dinitrophenol	14.99	184	195952	62.81	ng	90
54) Dibenzofuran	15.28	168	997862	42.06	ng	97
55) 4-Nitrophenol	15.08	139	322117	82.99	ng	93
56) 2,4-Dinitrotoluene	15.23	165	288132	46.05	ng	# 96
57) Fluorene	15.93	166	803376	40.83	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	279480	43.29	ng	# 95
59) Diethylphthalate	15.68	149	859804	40.66	ng	98
60) 4-Chlorophenyl-phenylether	15.91	204	449686	40.73	ng	94
61) 4-Nitroaniline	15.95	138	200053	41.10	ng	94
62) Azobenzene	16.20	77	890960	42.25	ng	95
64) 4,6-Dinitro-2-methylphenol	16.00	198	169231	36.68	ng	94
65) n-Nitrosodiphenylamine	16.12	169	771599	42.14	ng	98
66) 4-Bromophenyl-phenylether	16.80	248	334908	41.19	ng	97
67) Hexachlorobenzene	16.92	284	380027	42.30	ng	# 90
68) Atrazine	17.06	200	345156	43.95	ng	99
69) Pentachlorophenol	17.27	266	456451	77.00	ng	92
70) Phenanthrene	17.67	178	1442809	42.26	ng	97
71) Anthracene	17.76	178	1486343	43.16	ng	98
72) Carbazole	18.03	167	1343970	42.79	ng	98
73) Di-n-butylphthalate	18.55	149	1540072	42.52	ng	98
74) Fluoranthene	19.66	202	1912337	44.31	ng	96
76) Benzidine	19.83	184	655926	29.49	ng	97
77) Pyrene	20.02	202	1952802	42.31	ng	99
79) Butylbenzylphthalate	20.88	149	809716	42.08	ng	99
80) Benzo(a)anthracene	21.90	228	2188112	42.19	ng	99
81) 3,3'-Dichlorobenzidine	21.81	252	483133	23.09	ng	# 92
82) Chrysene	21.97	228	2027866	41.05	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1145964	41.63	ng	99
84) Di-n-octyl phthalate	23.04	149	1942181	42.52	ng	94
85) Indeno(1,2,3-cd)pyrene	29.29	276	2732000	40.07	ng	99
87) Benzo(b)fluoranthene	24.33	252	2159103	40.28	ng	99
88) Benzo(k)fluoranthene	24.33	252	2159103	41.71	ng	97
89) Benzo(a)pyrene	25.19	252	2178134	41.59	ng	99
90) Dibenzo(a,h)anthracene	29.36	278	2260145	39.32	ng	97
91) Benzo(g,h,i)perylene	30.53	276	2246530	39.12	ng	97

(#) = 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: BG024687.D

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PB94526BS

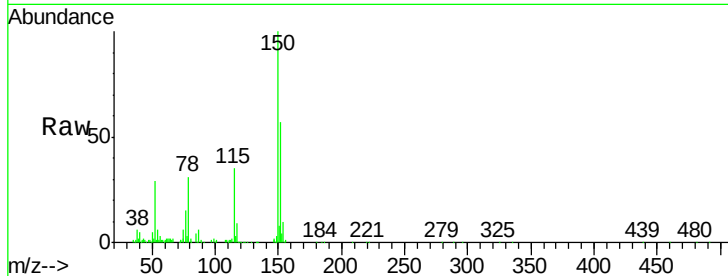
Tgt Ion:152 Resp: 92003

Ion Ratio Lower Upper

152 100

150 174.6 114.0 171.0#

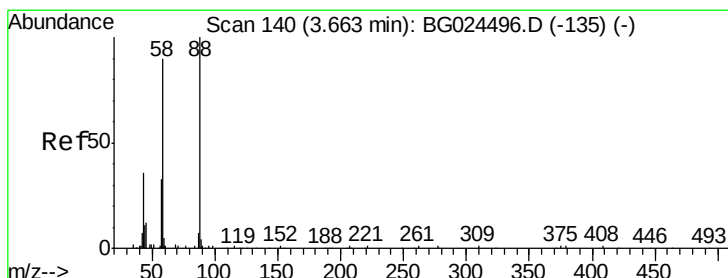
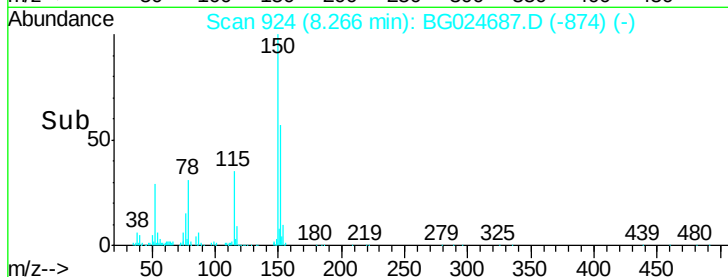
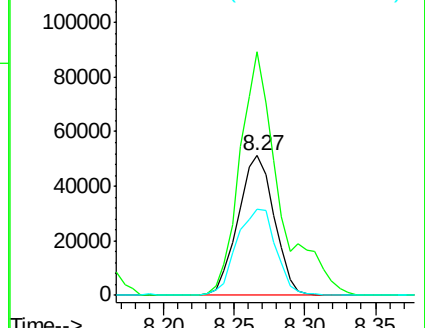
115 61.5 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.49 ng

RT: 3.65 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

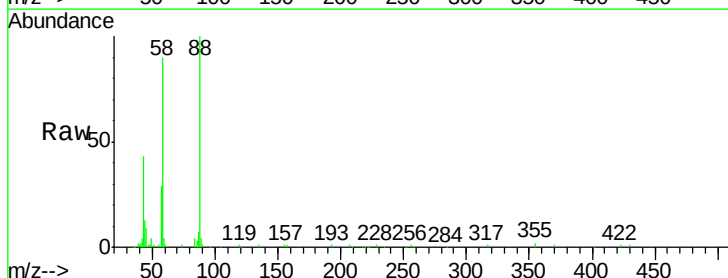
Tgt Ion: 88 Resp: 74518

Ion Ratio Lower Upper

88 100

58 93.3 79.4 119.2

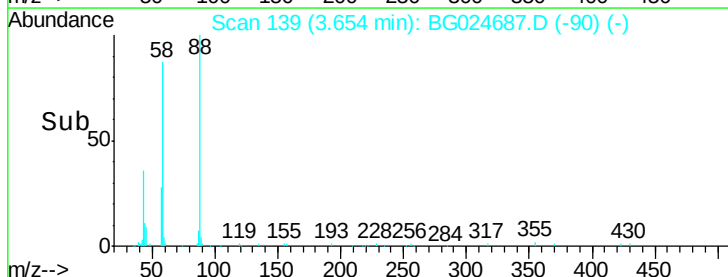
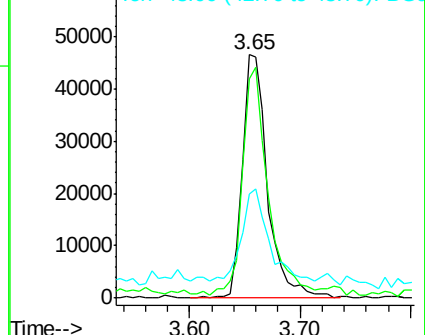
43 47.8 33.8 50.6

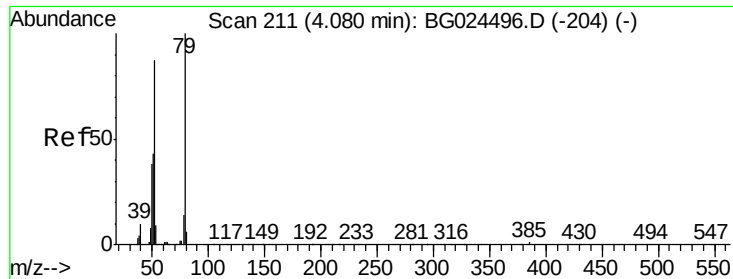


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.36 ng

RT: 4.07 min Scan# 209

Delta R.T. -0.02 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

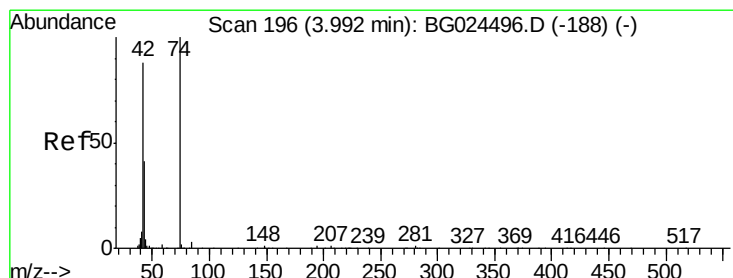
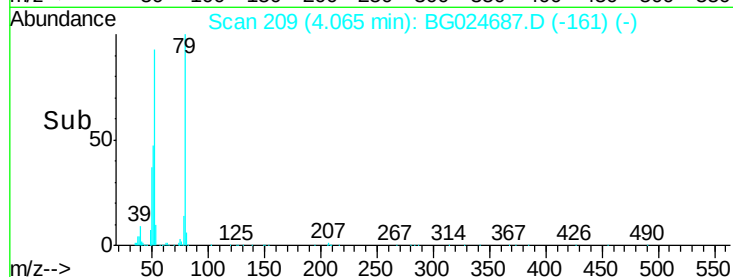
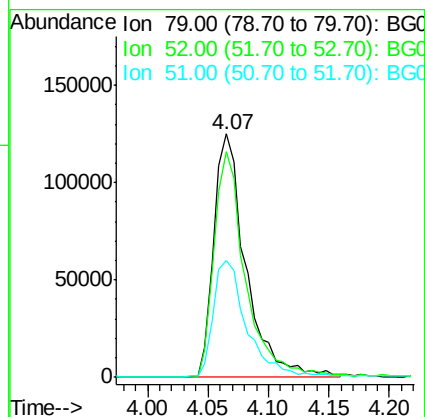
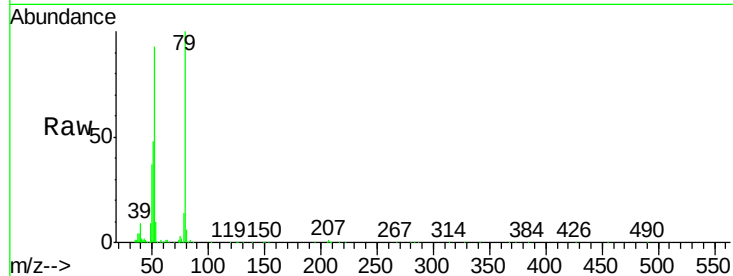
Tgt Ion: 79 Resp: 229054

Ion Ratio Lower Upper

79 100

52 92.8 77.8 116.6

51 47.8 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 40.77 ng

RT: 3.98 min Scan# 195

Delta R.T. -0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

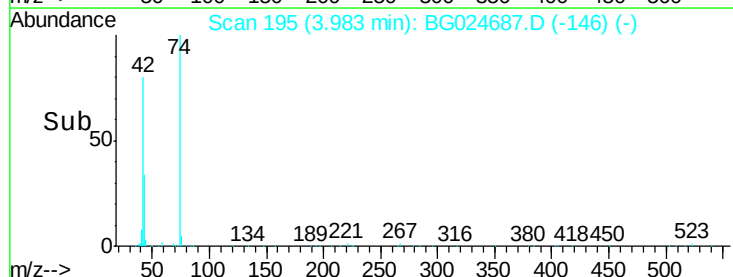
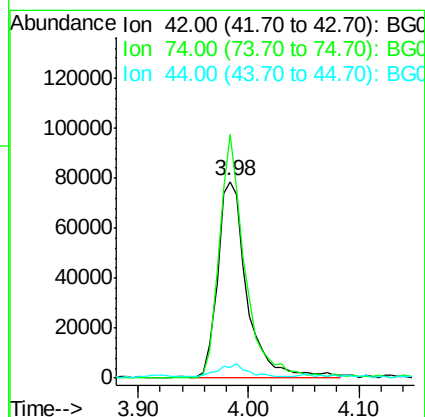
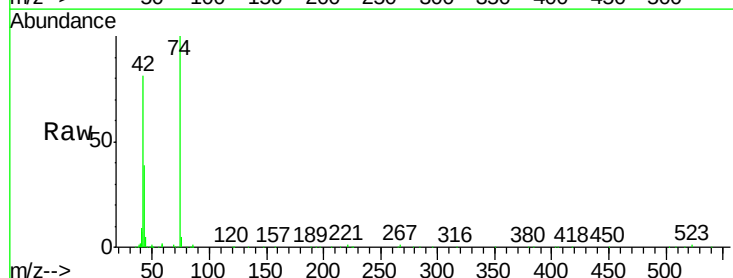
Tgt Ion: 42 Resp: 144911

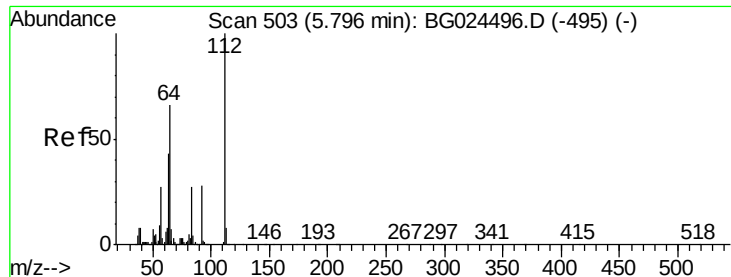
Ion Ratio Lower Upper

42 100

74 124.1 76.7 115.1#

44 5.6 6.1 9.1#





#5

2-Fluorophenol

Concen: 127.64 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

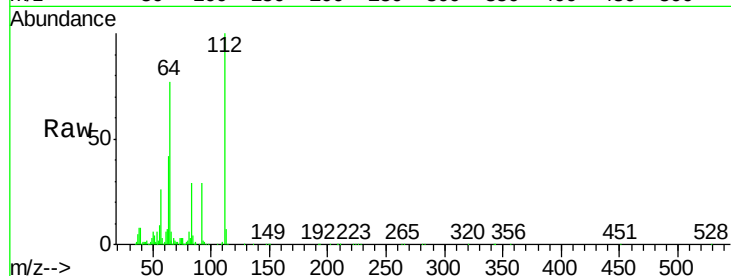
Tgt Ion: 112 Resp: 716494

Ion Ratio Lower Upper

112 100

64 76.6 61.8 92.6

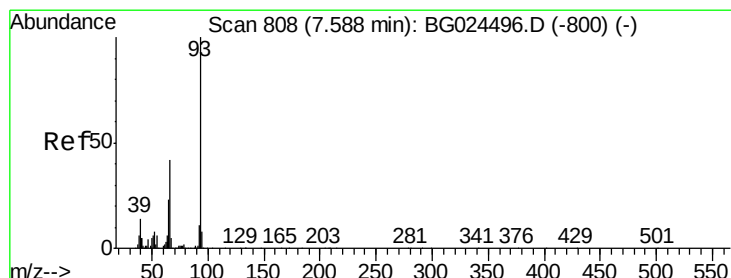
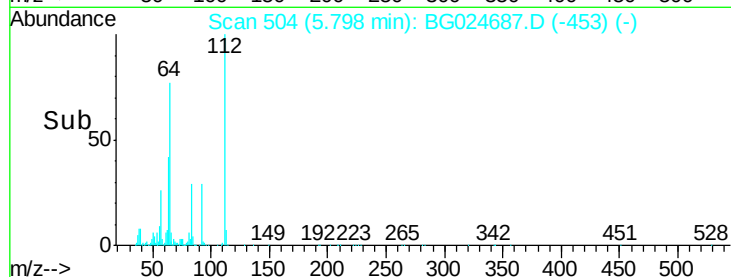
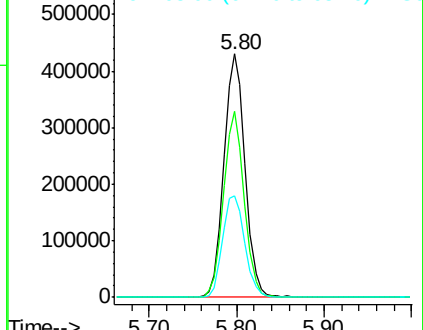
63 41.6 37.2 55.8



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: 17.69 ng

RT: 7.58 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

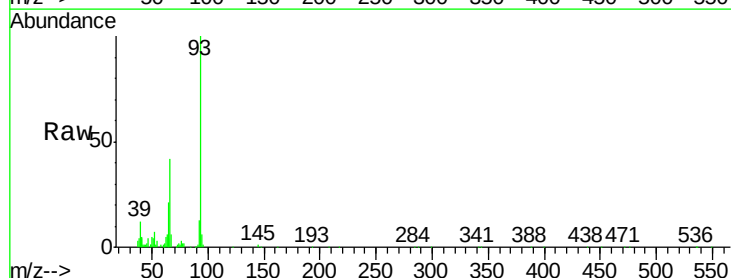
Tgt Ion: 93 Resp: 172540

Ion Ratio Lower Upper

93 100

66 42.4 35.4 53.2

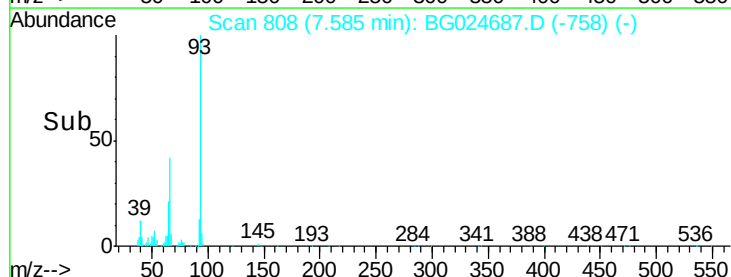
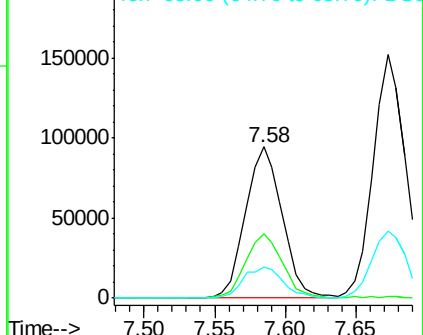
65 20.8 21.2 31.8#

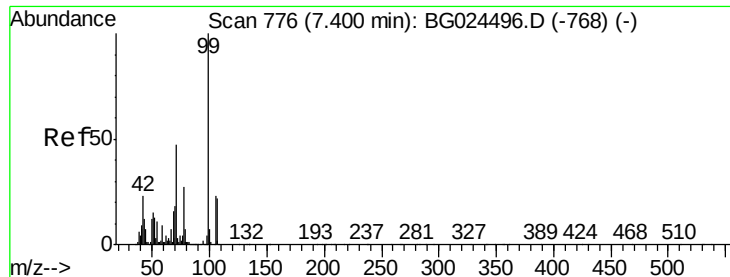


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.51 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

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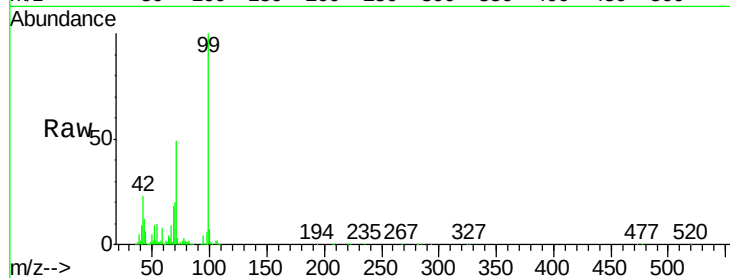
Tgt Ion: 99 Resp: 1020298

Ion Ratio Lower Upper

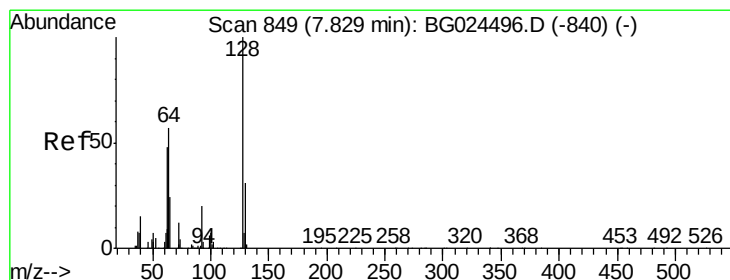
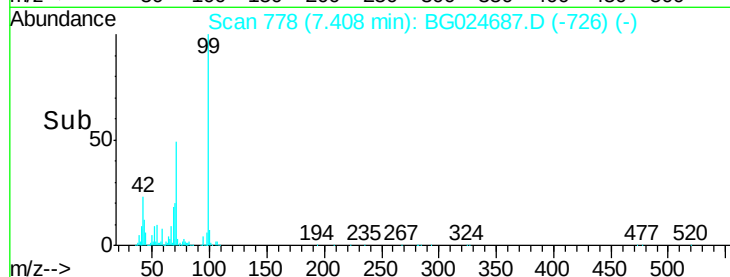
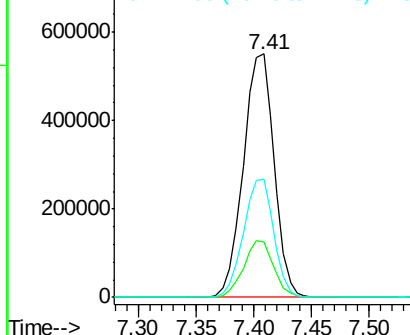
99 100

42 23.0 20.5 30.7

71 48.7 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: 41.81 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

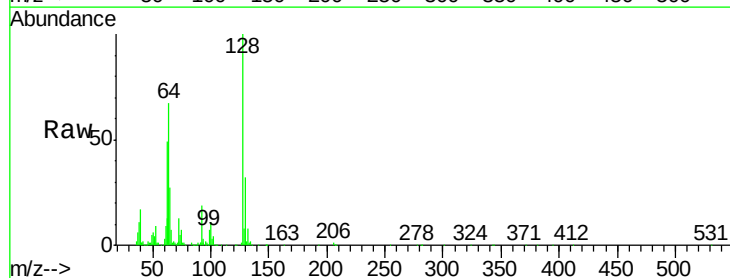
Tgt Ion: 128 Resp: 238629

Ion Ratio Lower Upper

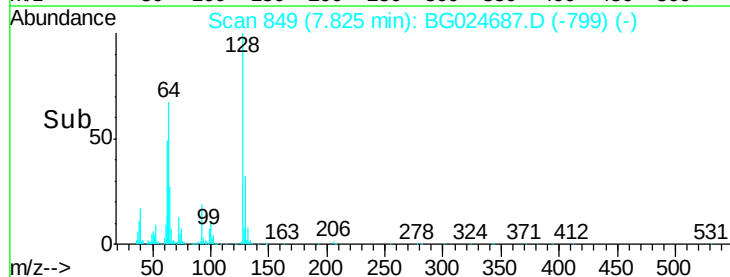
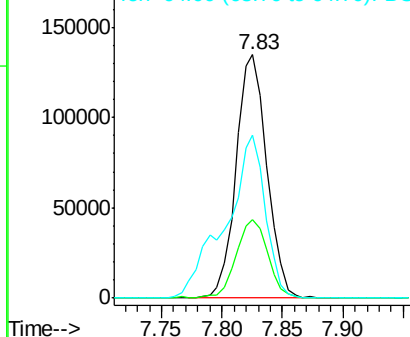
128 100

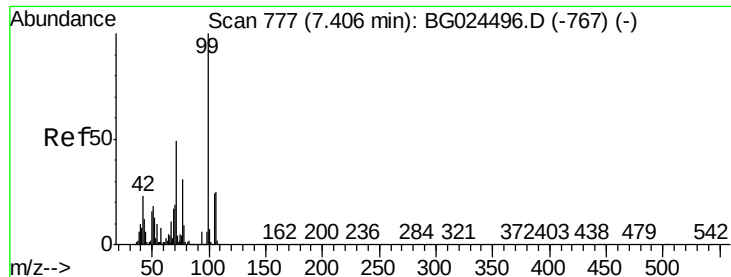
130 32.2 11.4 51.4

64 66.7 46.6 86.6



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





#9

Benzaldehyde

Concen: 8.05 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

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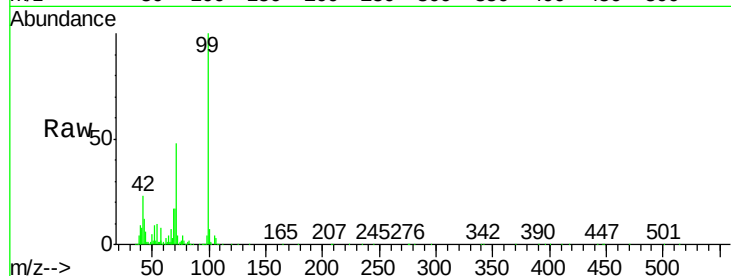
Tgt Ion: 77 Resp: 38301

Ion Ratio Lower Upper

77 100

105 92.9 60.9 100.9

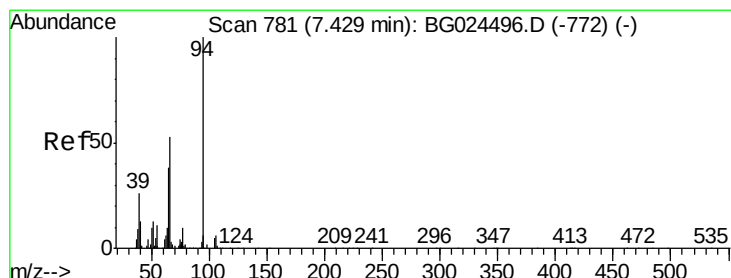
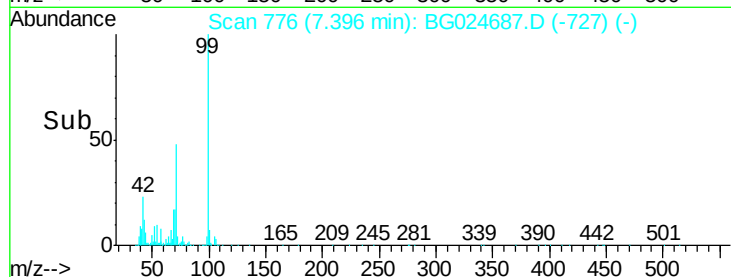
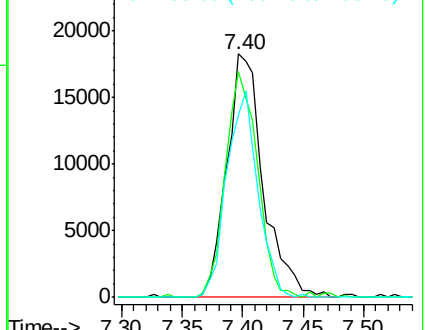
106 75.0 55.1 95.1



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: 43.91 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

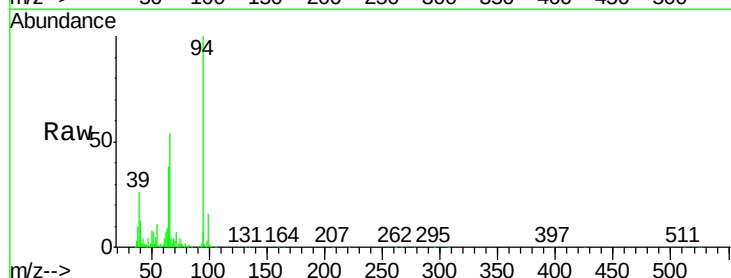
Tgt Ion: 94 Resp: 348548

Ion Ratio Lower Upper

94 100

65 37.9 20.6 60.6

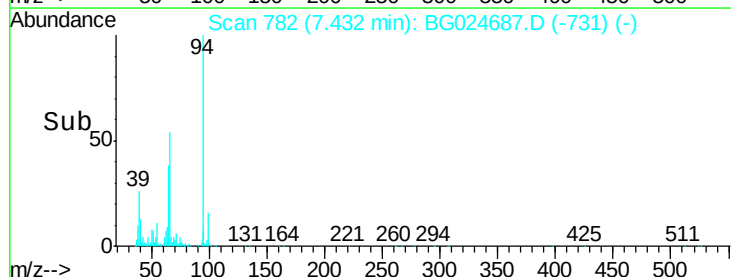
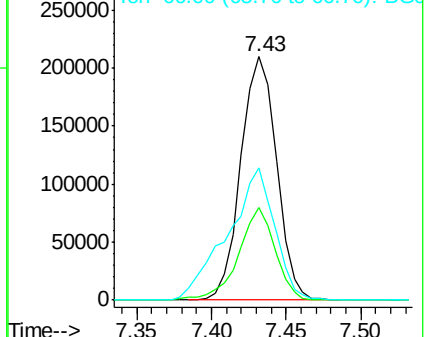
66 54.5 35.5 75.5

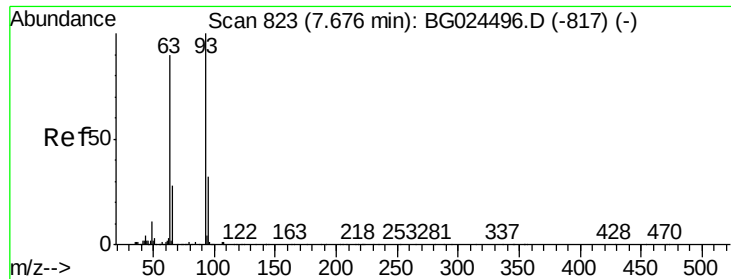


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

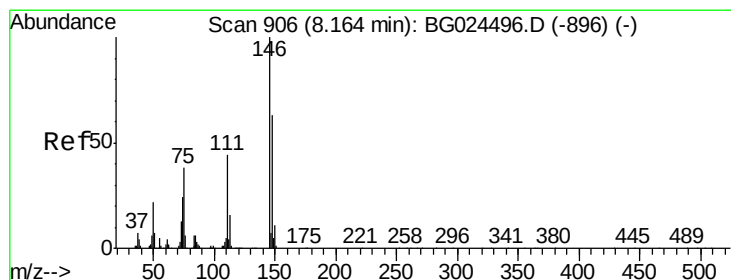
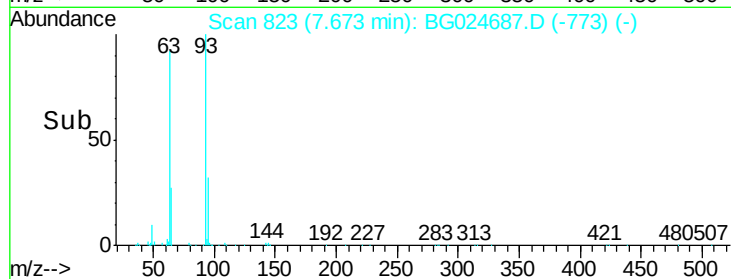
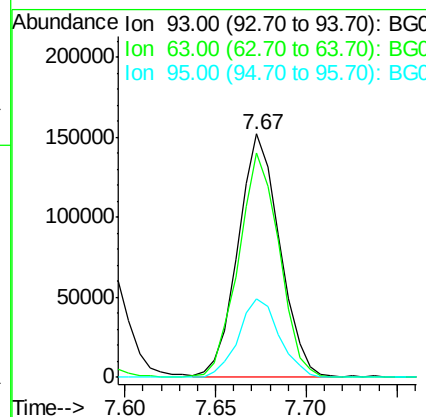
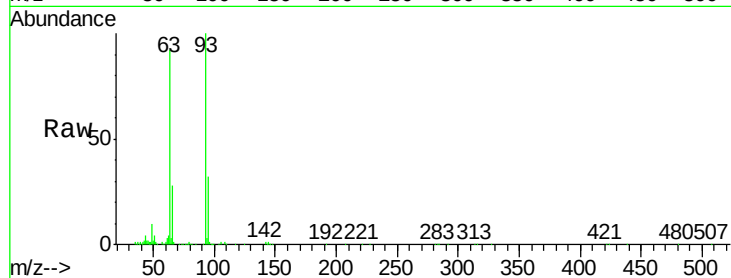




#11
 bis(2-Chloroethyl)ether
 Concen: 40.59 ng
 RT: 7.67 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

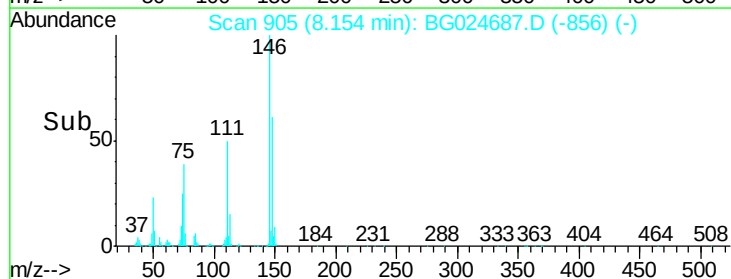
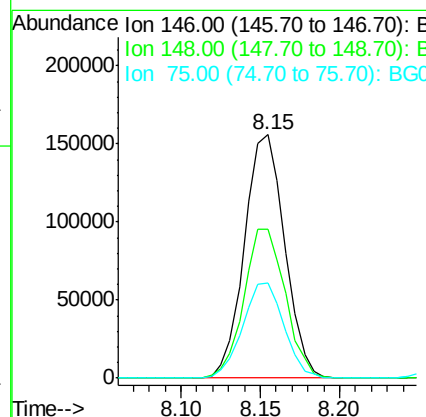
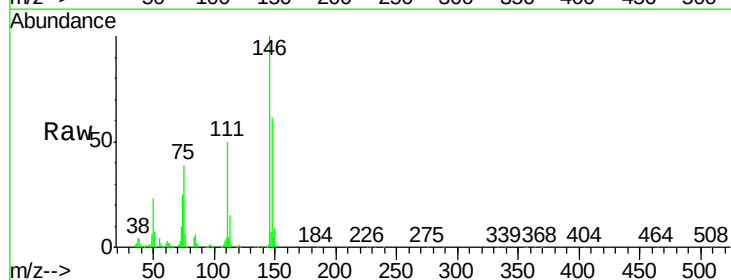
Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

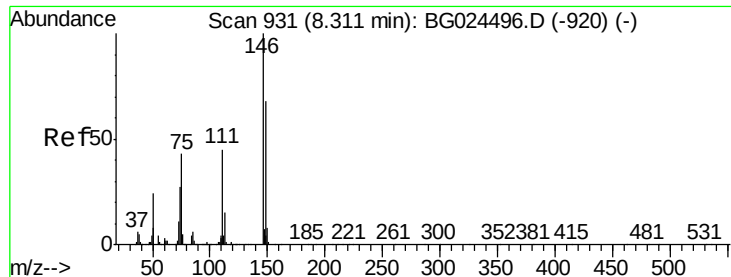
Tgt Ion: 93 Resp: 242044
 Ion Ratio Lower Upper
 93 100
 63 92.4 78.5 118.5
 95 32.3 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 39.00 ng
 RT: 8.15 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Tgt Ion: 146 Resp: 275543
 Ion Ratio Lower Upper
 146 100
 148 61.3 49.2 73.8
 75 38.8 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 40.09 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

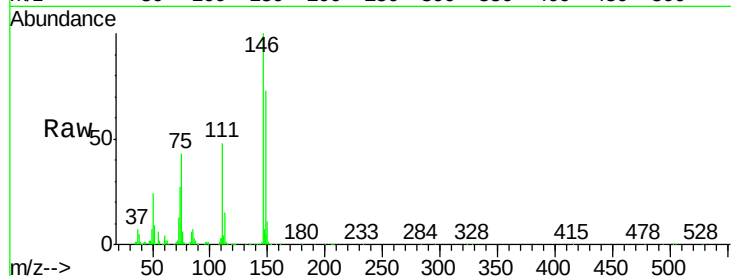
Tgt Ion:146 Resp: 279792

Ion Ratio Lower Upper

146 100

148 73.3 52.2 78.2

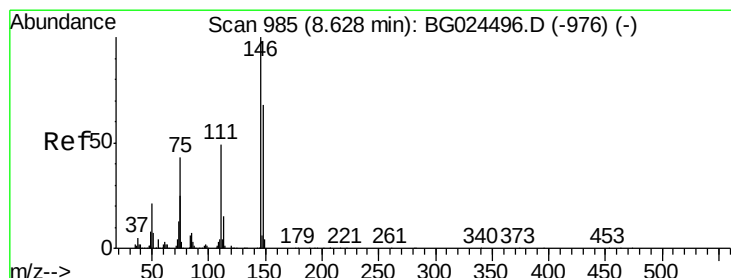
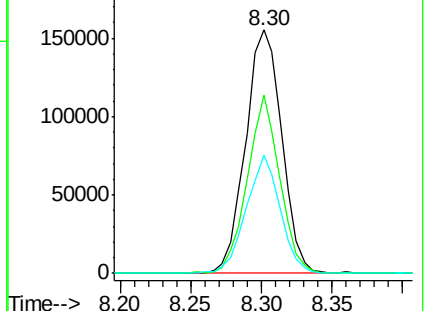
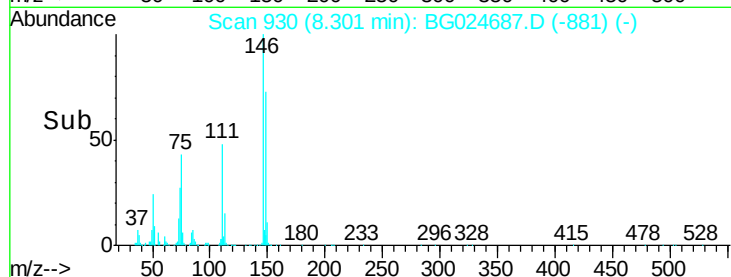
111 48.3 37.0 55.6



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: 39.37 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

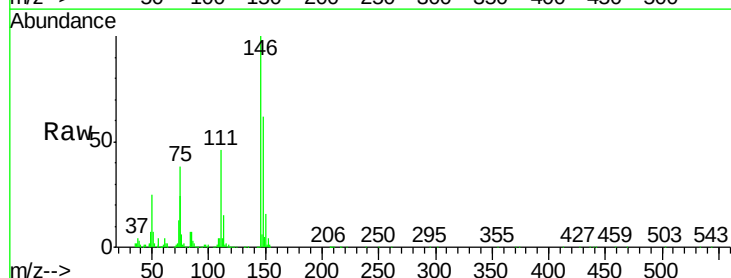
Tgt Ion:146 Resp: 264143

Ion Ratio Lower Upper

146 100

148 61.7 54.6 81.8

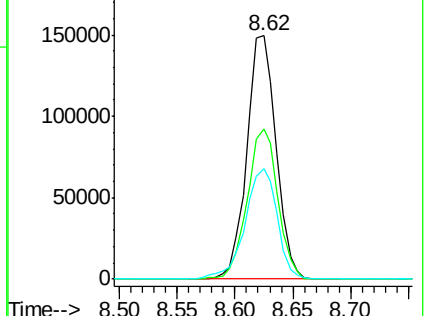
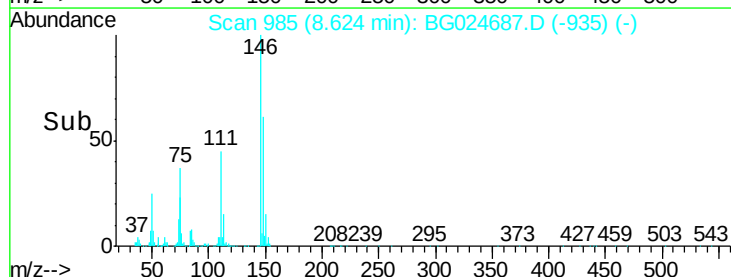
111 45.6 39.7 59.5

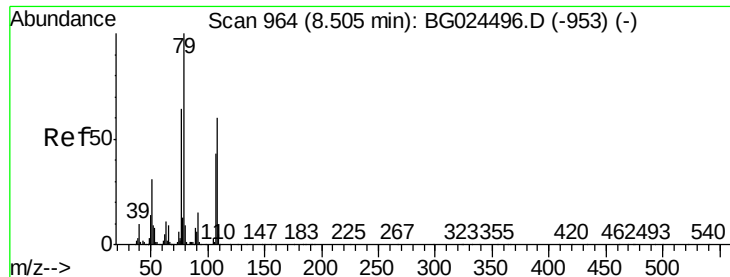


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

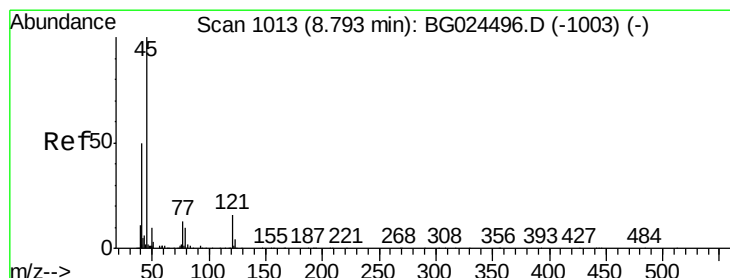
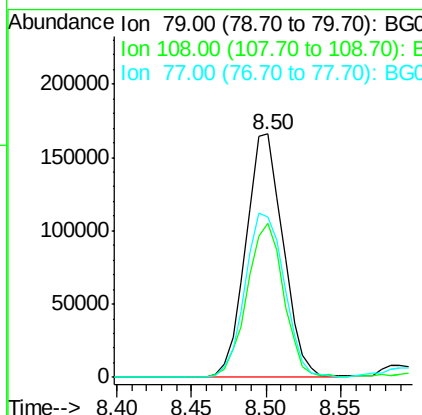
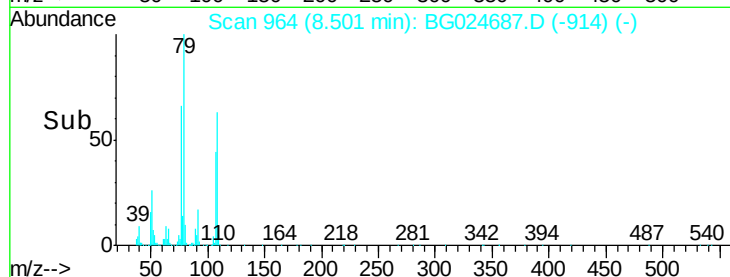
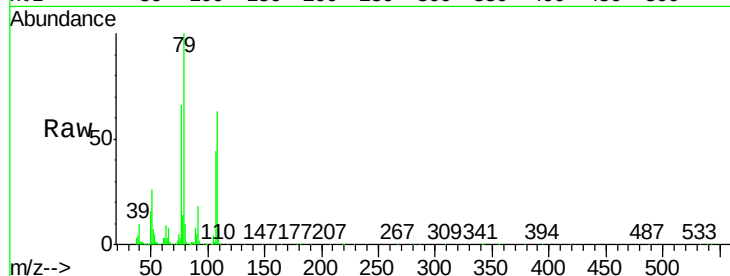




#15
Benzyl Alcohol
Concen: 40.09 ng
RT: 8.50 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

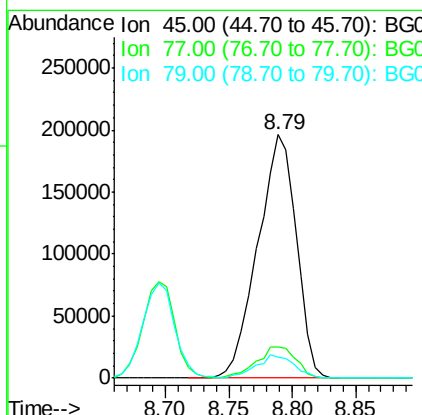
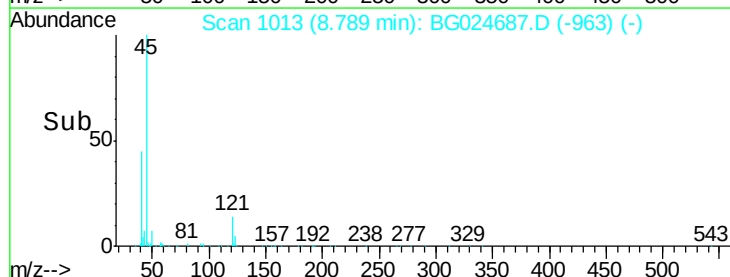
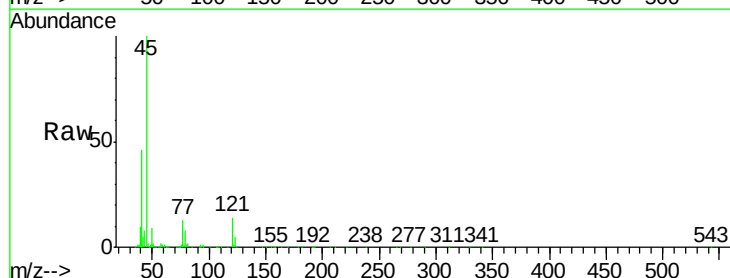
Instrument :
BNA_G
ClientSampleId :
PB94526BS

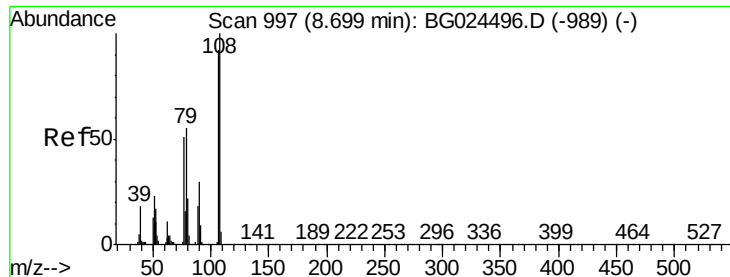
Tgt Ion: 79 Resp: 287142
Ion Ratio Lower Upper
79 100
108 63.5 45.5 68.3
77 65.7 54.3 81.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.41 ng
RT: 8.79 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion: 45 Resp: 413869
Ion Ratio Lower Upper
45 100
77 12.9 0.0 30.6
79 8.4 0.0 28.5





#17

2-Methylphenol

Concen: 42.12 ng

RT: 8.69 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

Tgt Ion:107 Resp: 221529

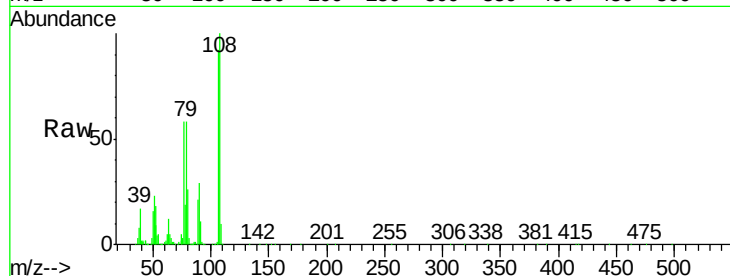
Ion Ratio Lower Upper

107 100

108 108.6 85.6 128.4

77 63.5 51.4 77.2

79 62.7 49.2 73.8

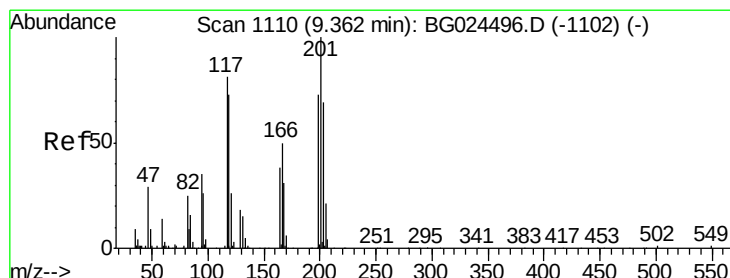
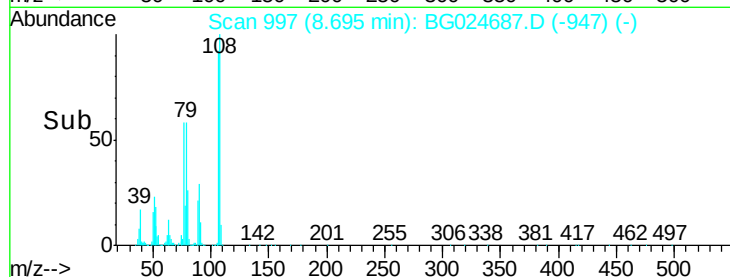
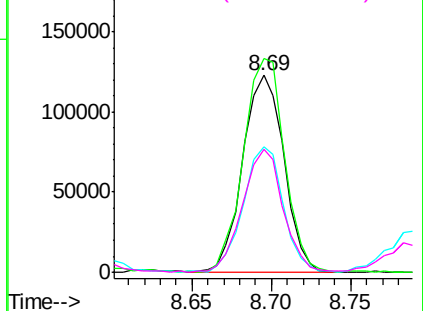


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.47 ng

RT: 9.35 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

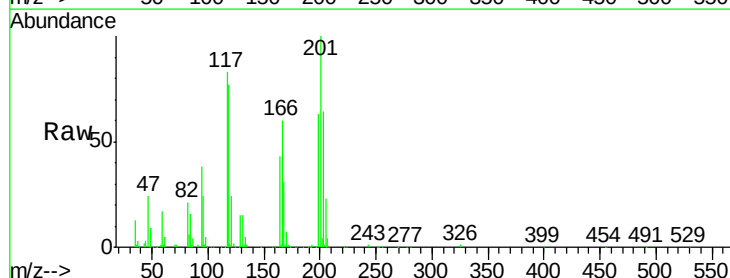
Tgt Ion:117 Resp: 103213

Ion Ratio Lower Upper

117 100

119 92.3 69.8 104.6

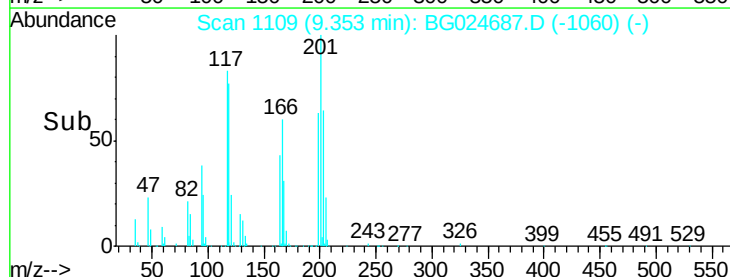
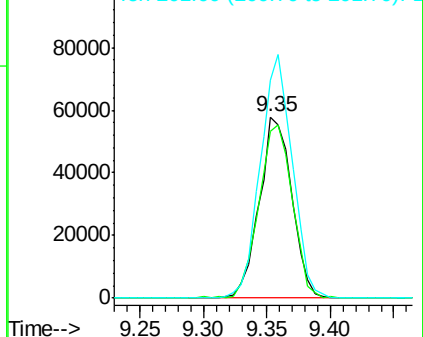
201 120.0 95.4 143.0

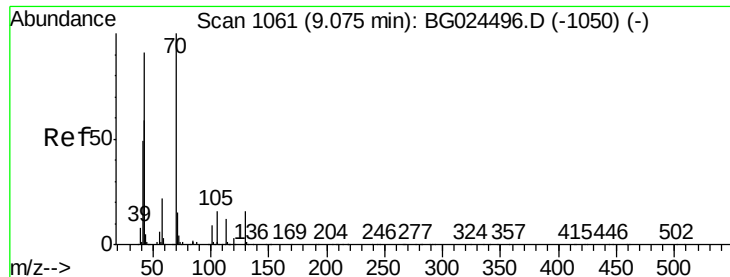


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

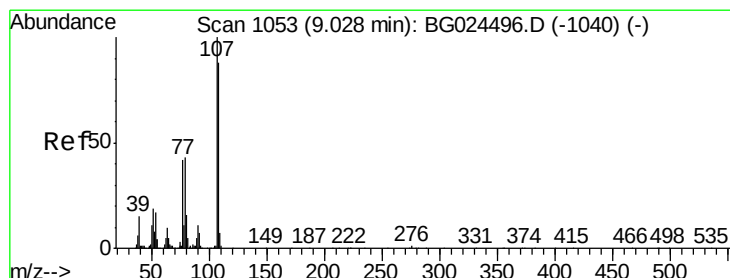
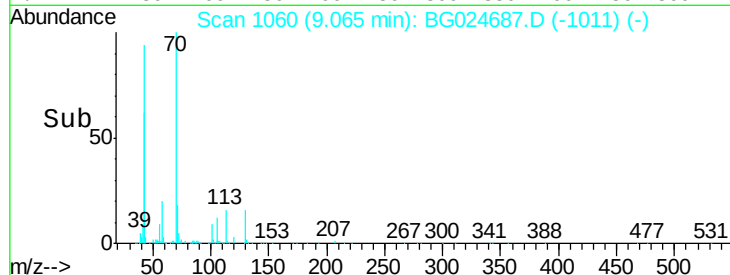
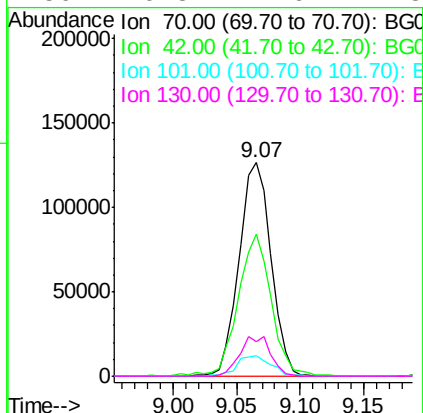
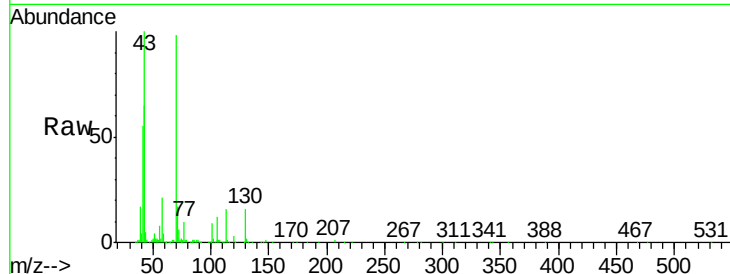




#19
n-Nitroso-di-n-propylamine
Concen: 39.07 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

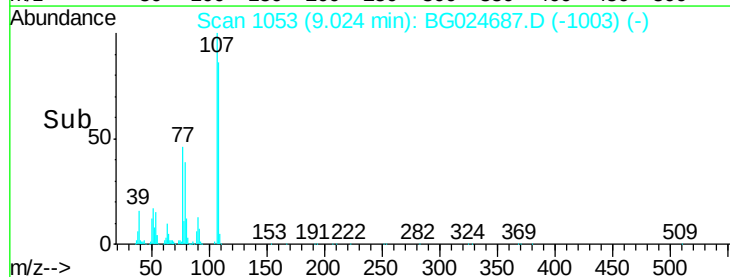
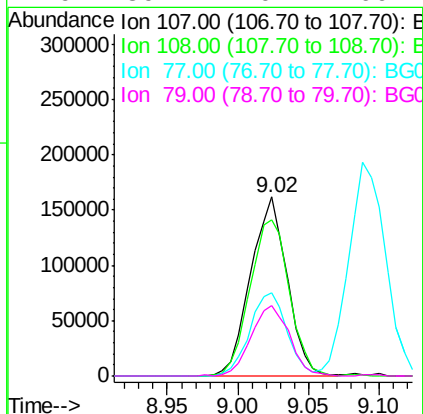
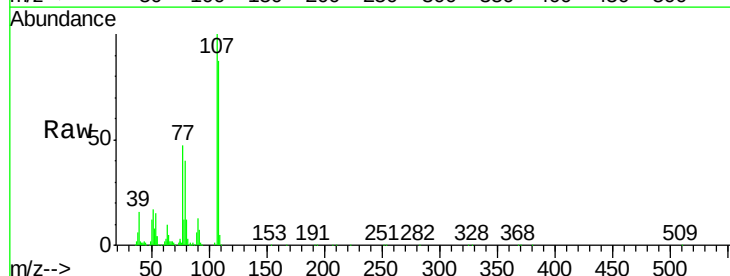
Instrument :
BNA_G
ClientSampleId :
PB94526BS

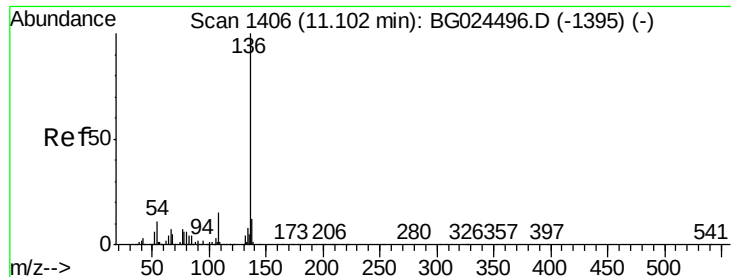
Tgt Ion:	70	Resp:	221704
Ion	Ratio	Lower	Upper
70	100		
42	66.3	56.1	84.1
101	9.4	7.5	11.3
130	16.3	14.6	21.8



#20
3+4-Methylphenols
Concen: 41.72 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:	107	Resp:	294639
Ion	Ratio	Lower	Upper
107	100		
108	87.2	70.8	110.8
77	46.6	25.8	65.8
79	39.7	20.1	60.1

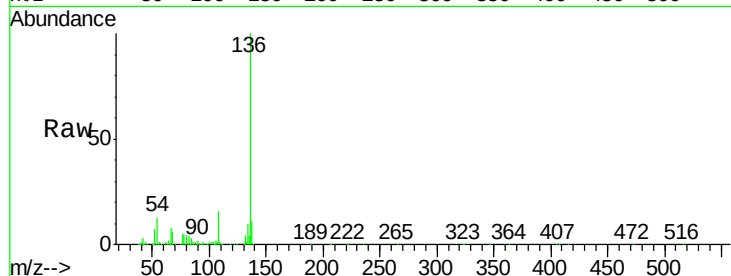




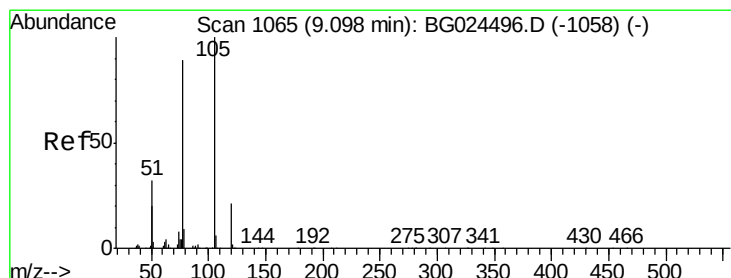
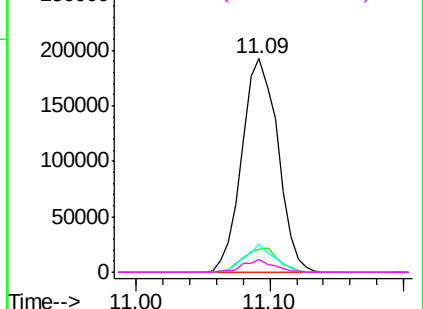
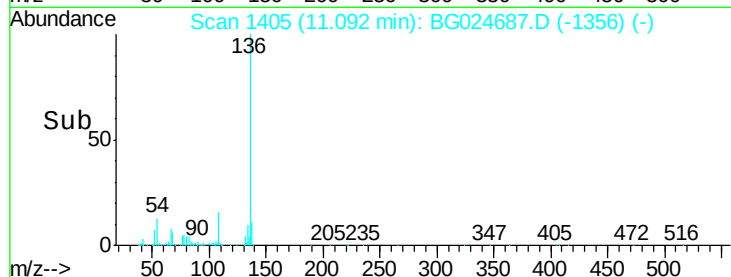
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Instrument :
BNA_G
ClientSampleId :
PB94526BS

Tgt Ion:	136	Resp:	358683
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	13.1	9.3	13.9
68	6.1	5.1	7.7

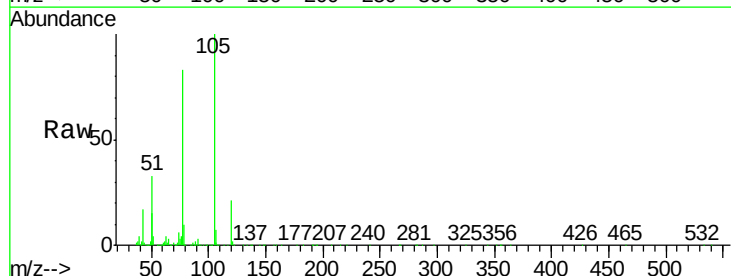


Abundance Ion 136.00 (135.70 to 136.70): E
300000
Ion 137.00 (136.70 to 137.70): E
250000
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

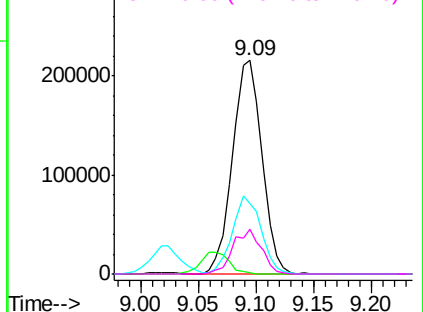
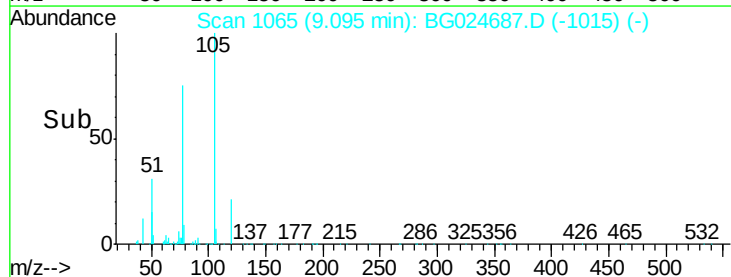


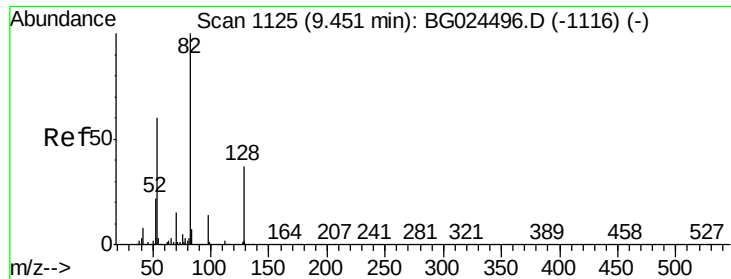
#22
Acetophenone
Concen: 41.42 ng
RT: 9.09 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:	105	Resp:	381626
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.9	1.3#
51	32.8	34.0	51.0#
120	21.3	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
300000
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

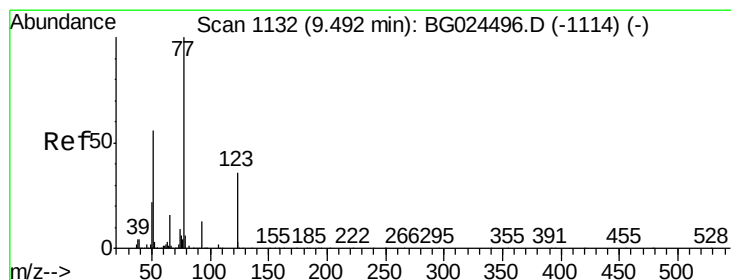
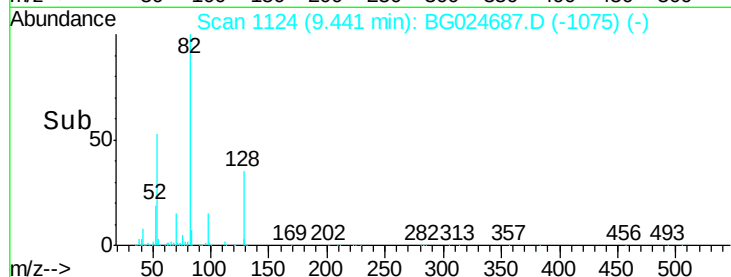
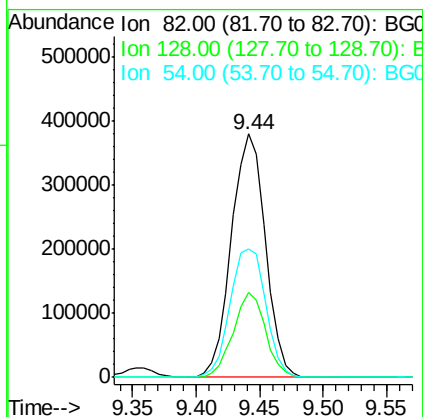
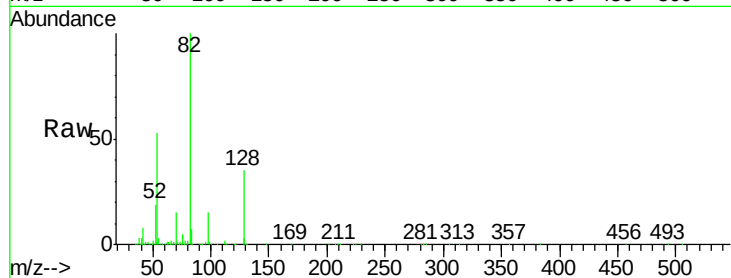




#23
 Nitrobenzene-d5
 Concen: 89.10 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

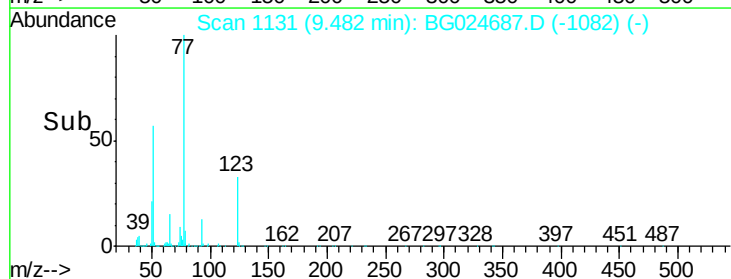
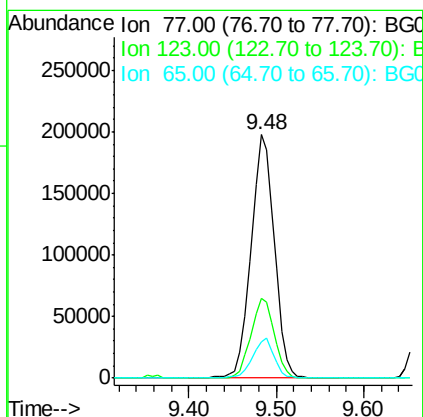
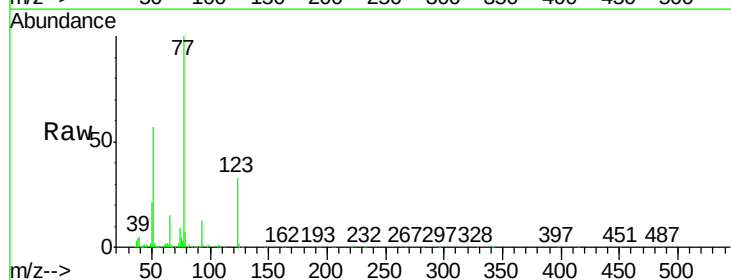
Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

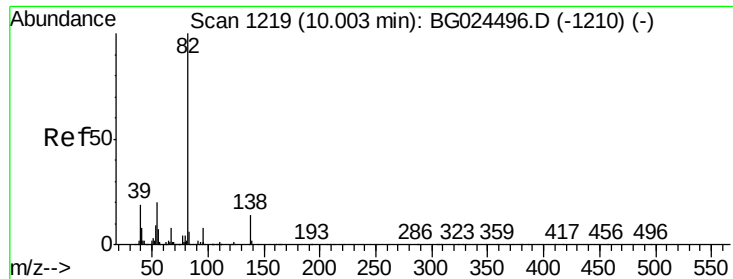
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	26.4	39.6
54	53.0	49.4	74.2



#24
 Nitrobenzene
 Concen: 40.42 ng
 RT: 9.48 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.0	26.1	39.1
65	14.9	12.4	18.6





#25

Isophorone

Concen: 40.89 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

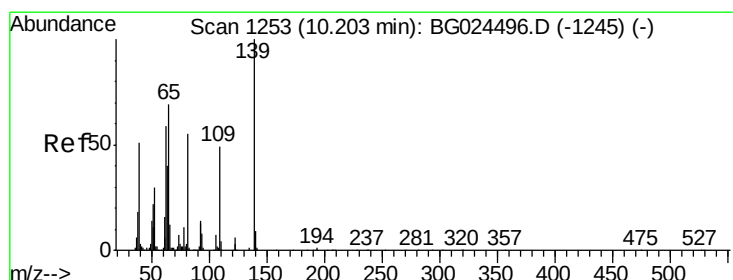
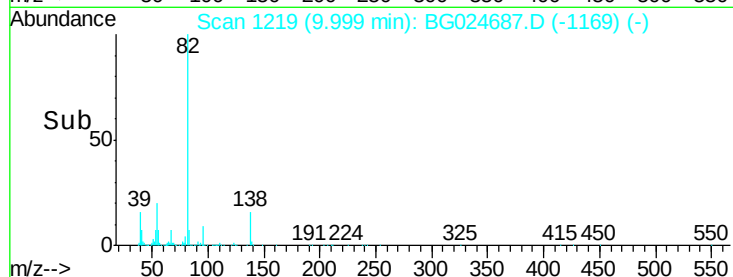
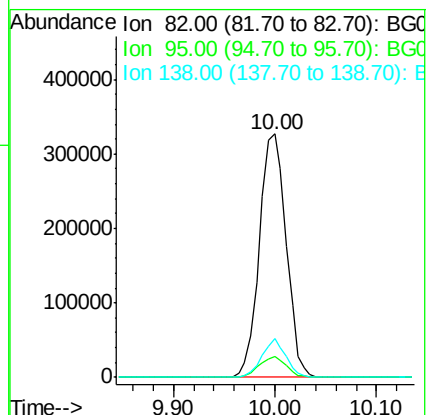
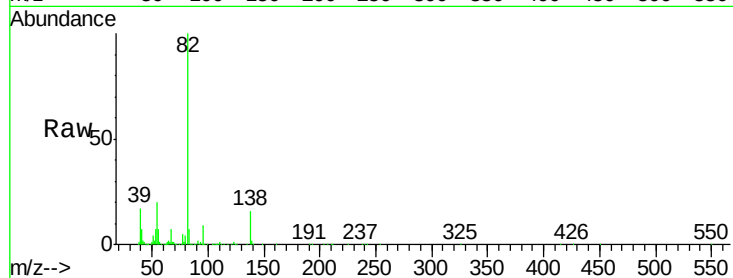
Tgt Ion: 82 Resp: 599224

Ion Ratio Lower Upper

82 100

95 8.6 7.5 11.3

138 15.9 12.3 18.5



#26

2-Nitrophenol

Concen: 41.93 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

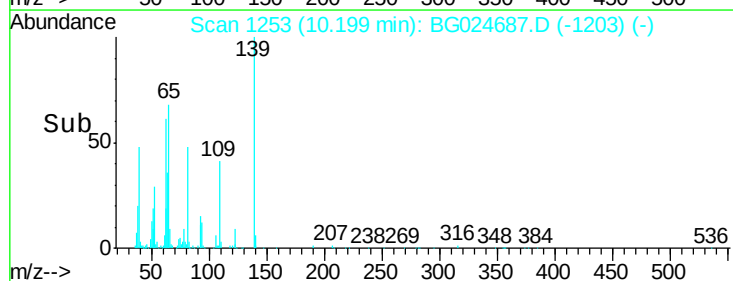
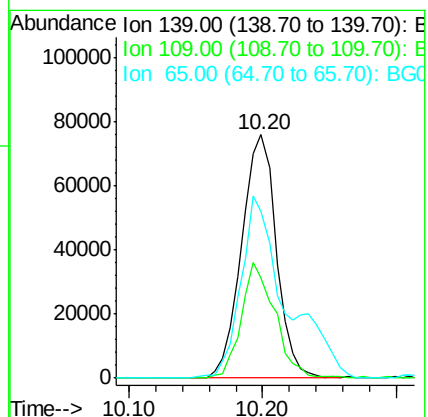
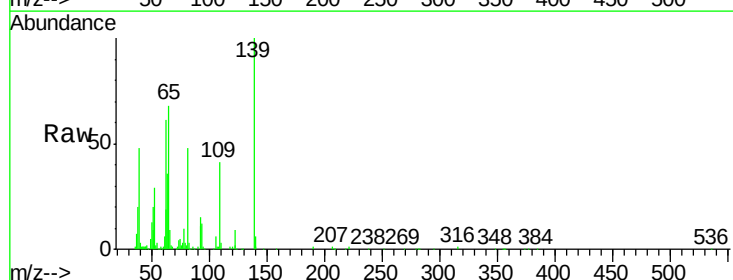
Tgt Ion: 139 Resp: 136403

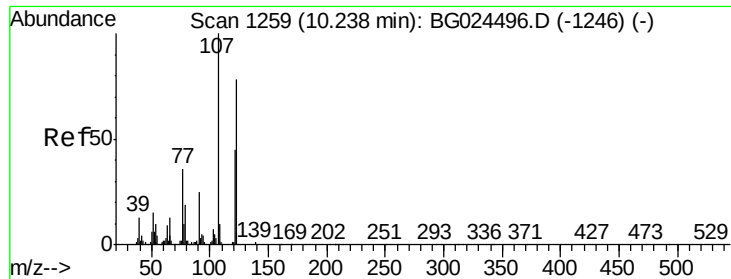
Ion Ratio Lower Upper

139 100

109 41.0 38.6 58.0

65 68.4 57.1 85.7

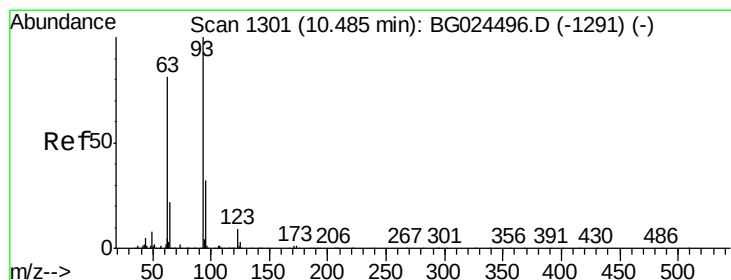
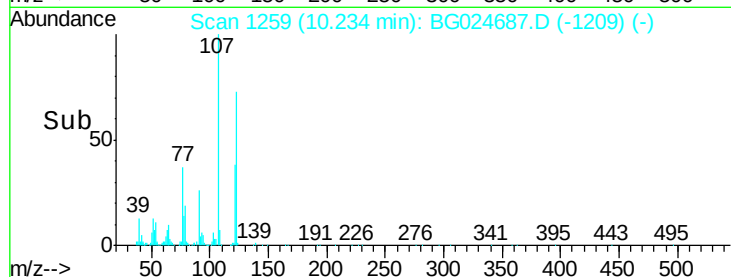
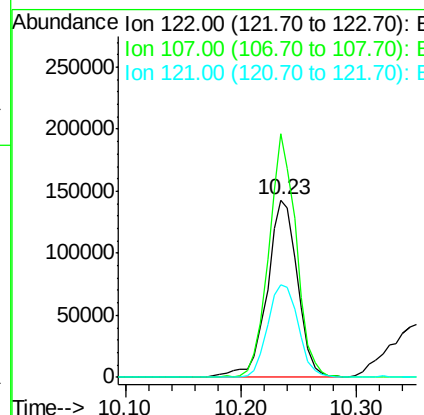
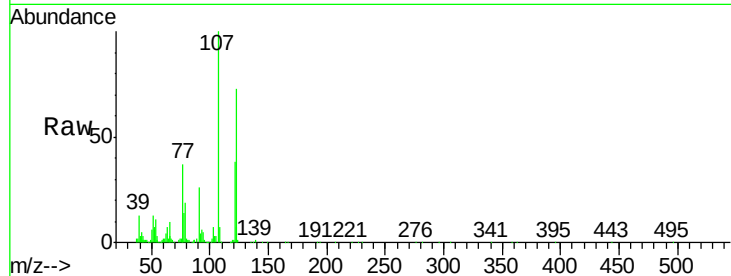




#27
2,4-Dimethylphenol
Concen: 45.95 ng
RT: 10.23 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

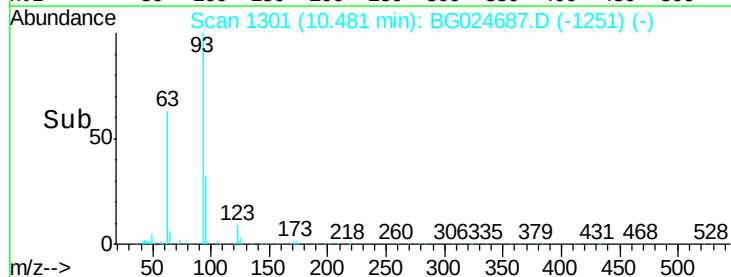
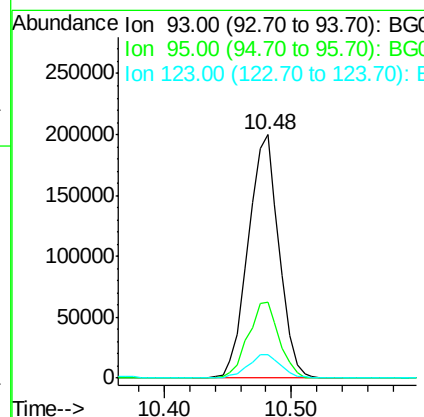
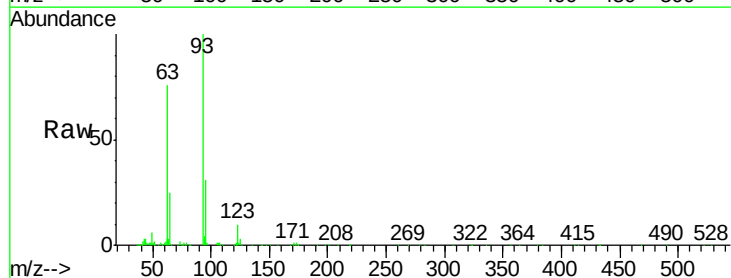
Instrument :
BNA_G
ClientSampleId :
PB94526BS

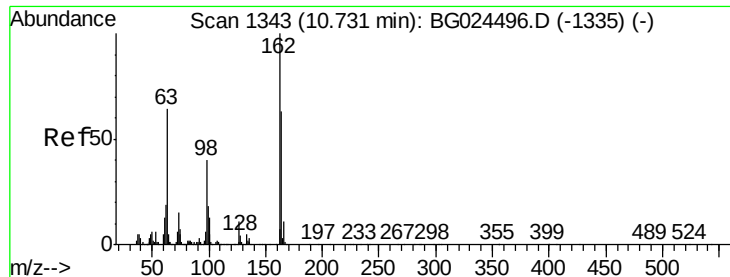
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.5	104.2	156.4
121	52.1	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.48 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.7	38.5
123	9.7	8.3	12.5

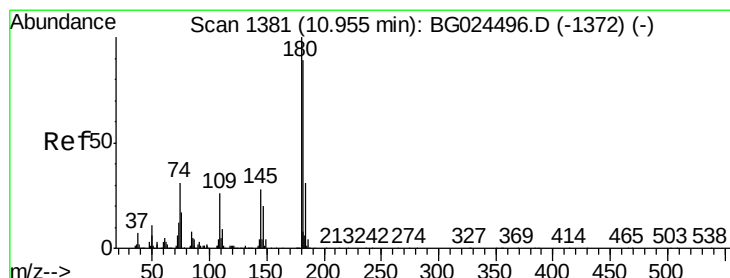
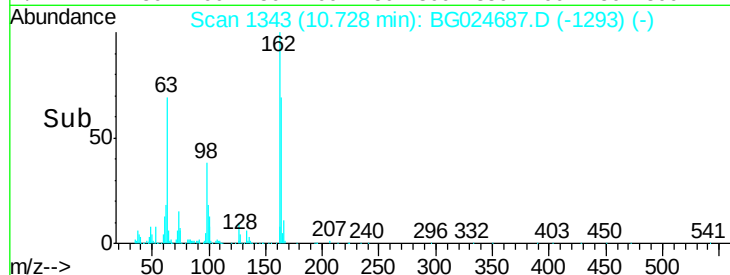
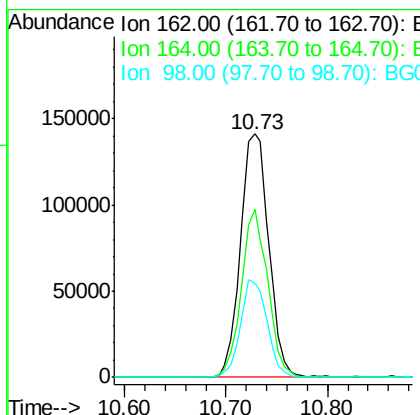
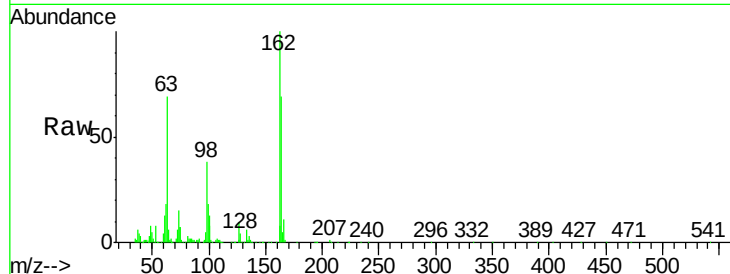




#29
 2,4-Dichlorophenol
 Concen: 45.65 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

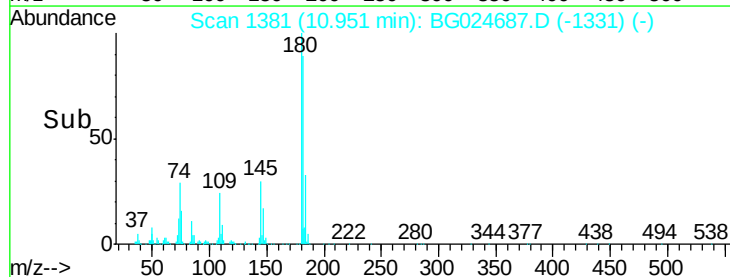
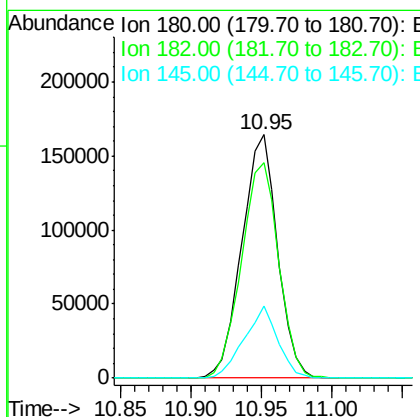
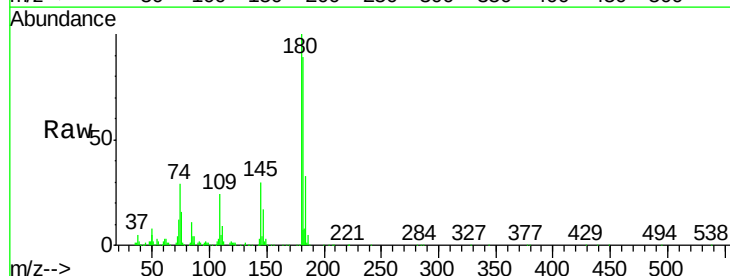
Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

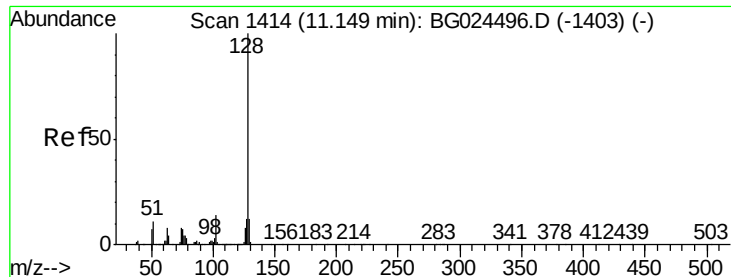
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.8	42.4	82.4
98	38.4	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.04 ng
 RT: 10.95 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.8	77.0	115.4
145	29.8	23.4	35.0

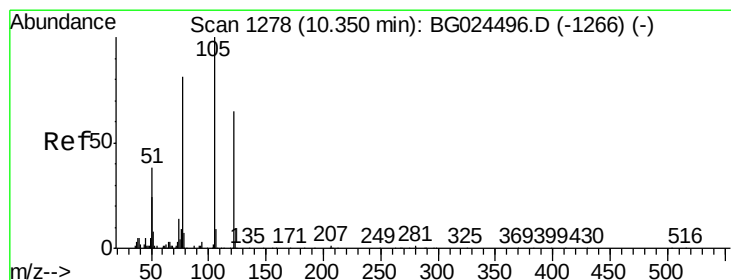
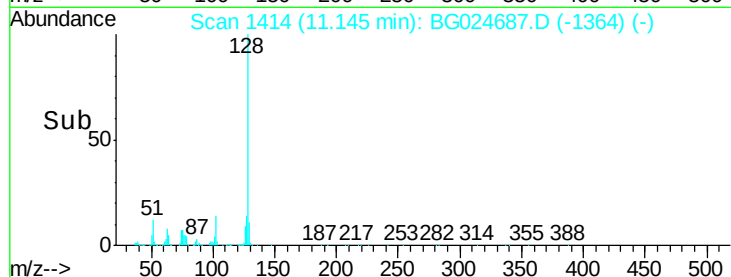
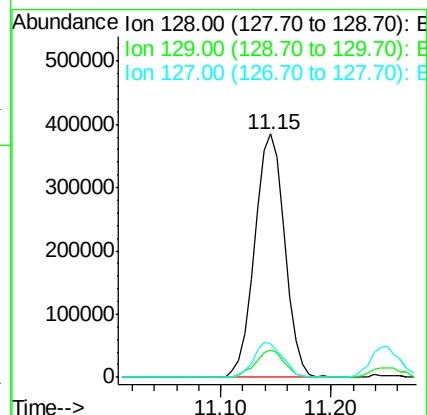
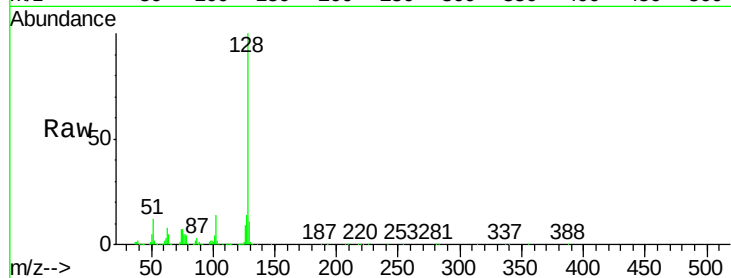




#31
Naphthalene
Concen: 40.94 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

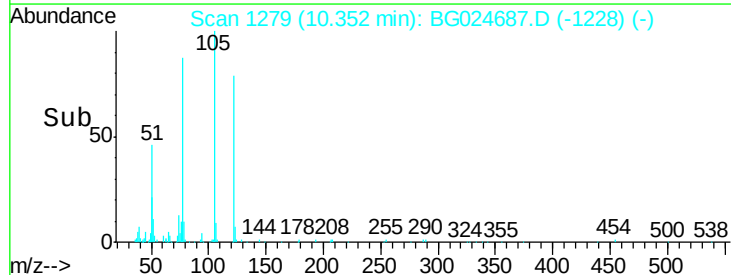
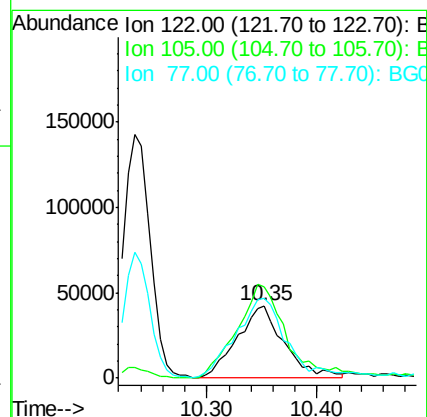
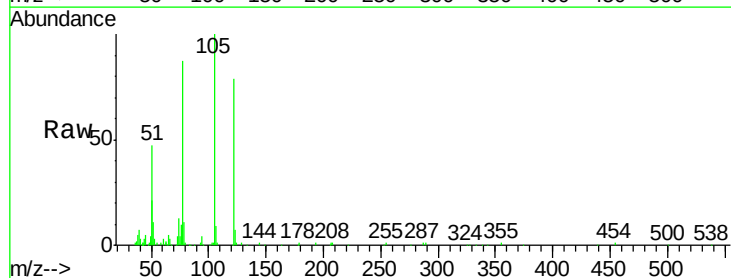
Instrument :
BNA_G
ClientSampleId :
PB94526BS

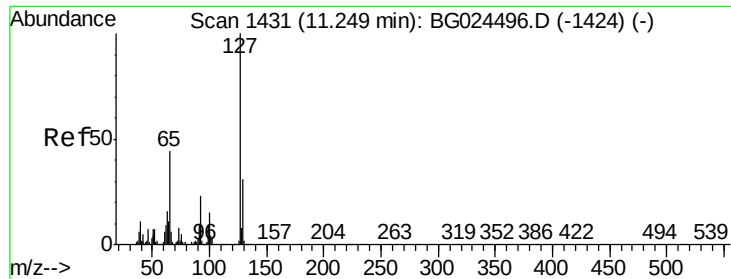
Tgt Ion:128 Resp: 732554
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 25.99 ng
RT: 10.35 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:122 Resp: 123271
Ion Ratio Lower Upper
122 100
105 126.2 120.1 160.1
77 109.7 104.6 144.6

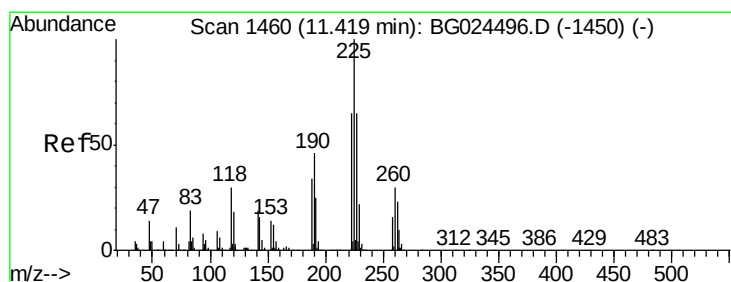
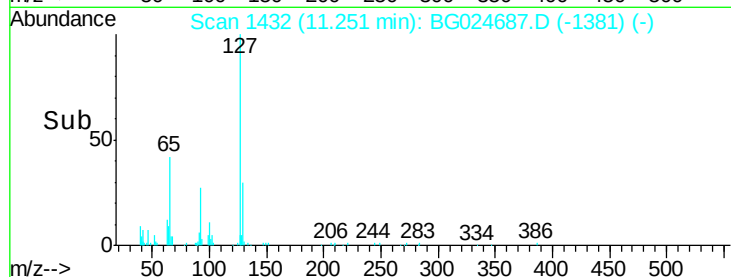
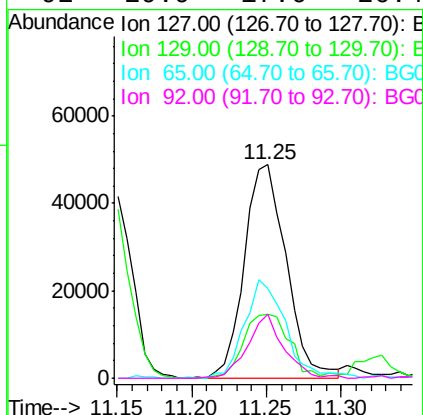
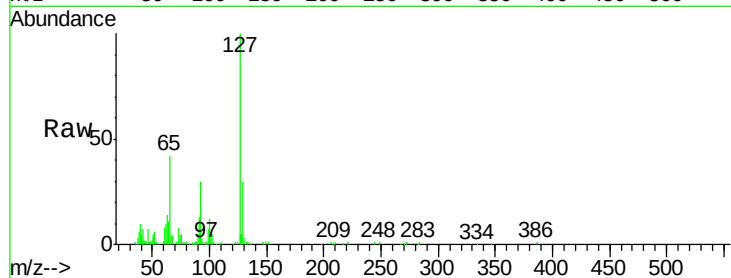




#33
4-Chloroaniline
Concen: 12.23 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

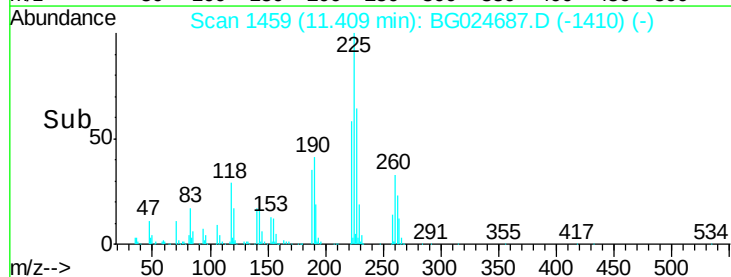
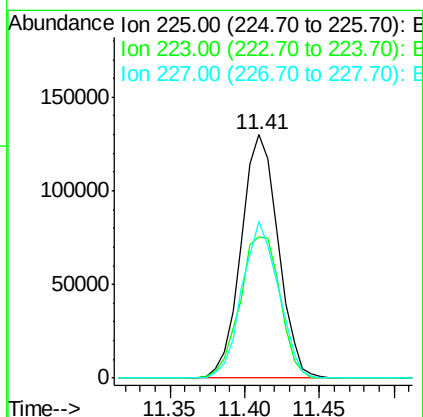
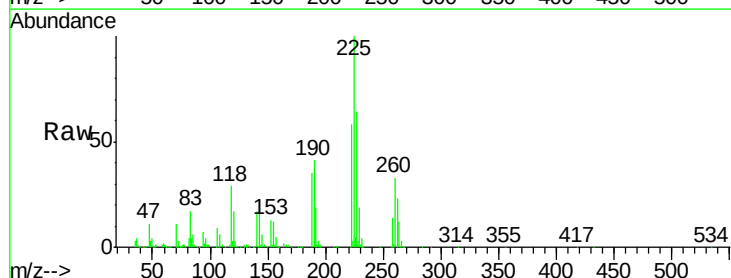
Instrument :
BNA_G
ClientSampleId :
PB94526BS

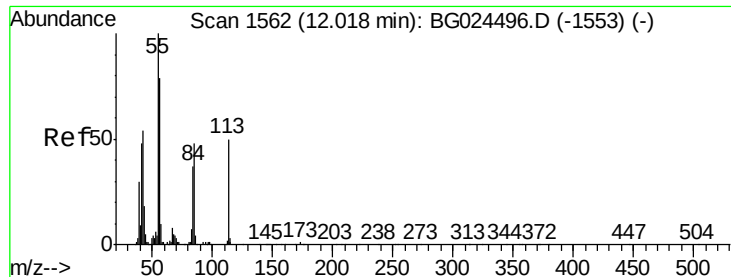
Tgt Ion:127 Resp: 94974
Ion Ratio Lower Upper
127 100
129 29.8 23.6 35.4
65 41.8 37.7 56.5
92 29.9 17.6 26.4#



#34
Hexachlorobutadiene
Concen: 40.18 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:225 Resp: 222972
Ion Ratio Lower Upper
225 100
223 58.0 50.7 76.1
227 64.3 49.0 73.6

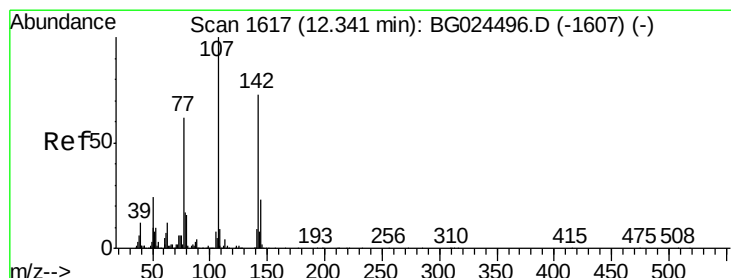
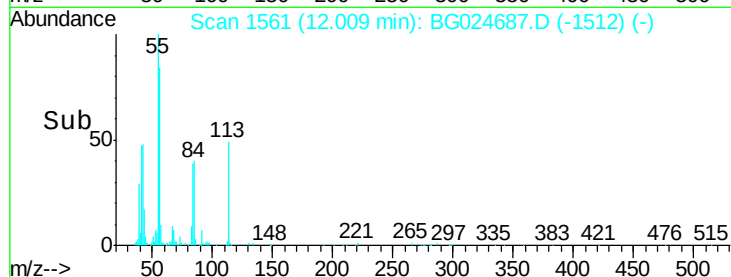
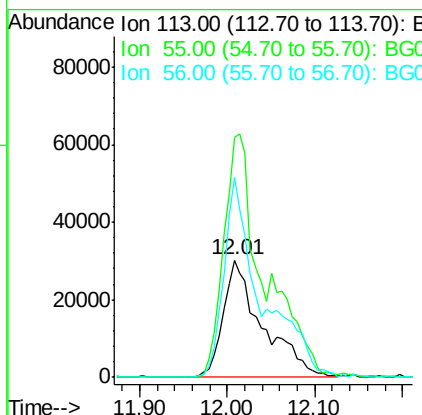
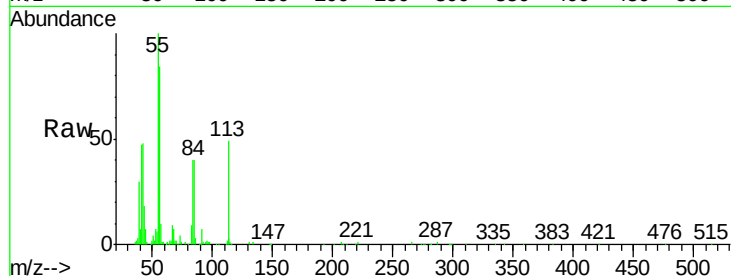




#35
 Caprolactam
 Concen: 42.57 ng
 RT: 12.01 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

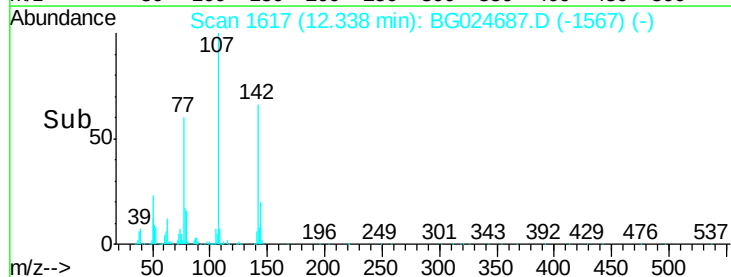
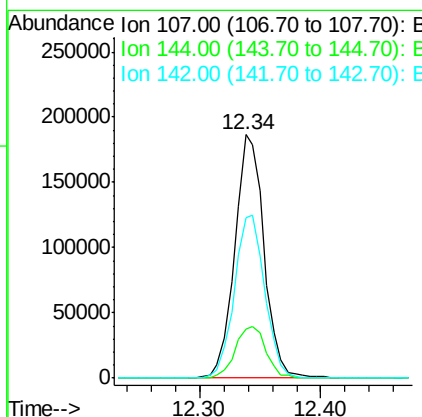
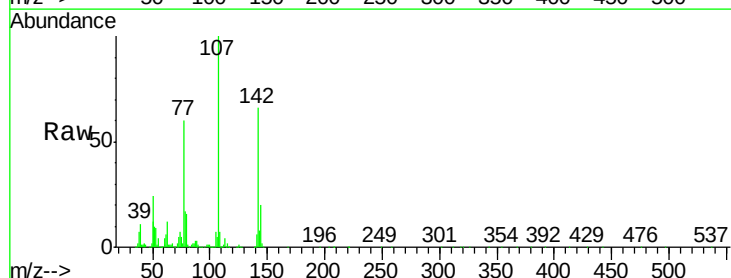
Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

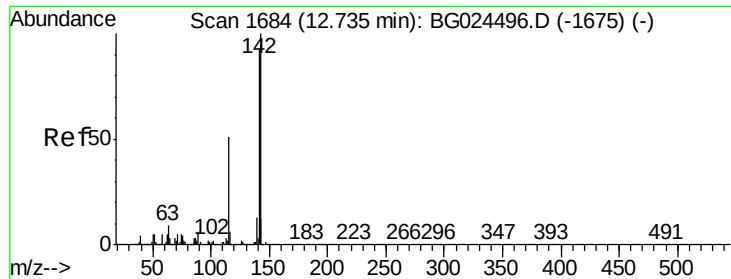
Tgt Ion: 113 Resp: 93162
 Ion Ratio Lower Upper
 113 100
 55 204.4 198.6 238.6
 56 170.7 140.4 180.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.58 ng
 RT: 12.34 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Tgt Ion: 107 Resp: 314444
 Ion Ratio Lower Upper
 107 100
 144 20.1 17.4 26.0
 142 66.1 54.1 81.1

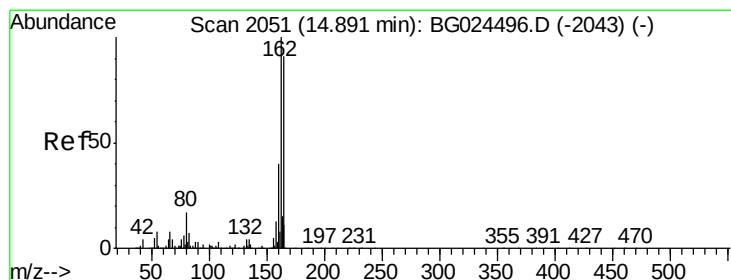
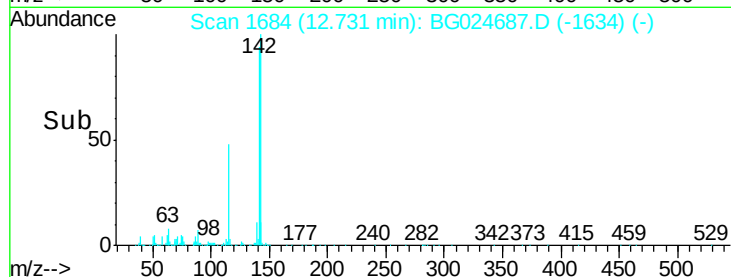
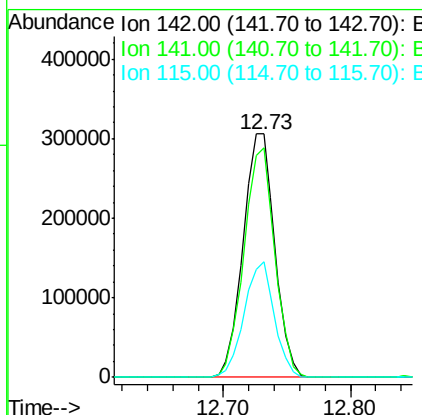
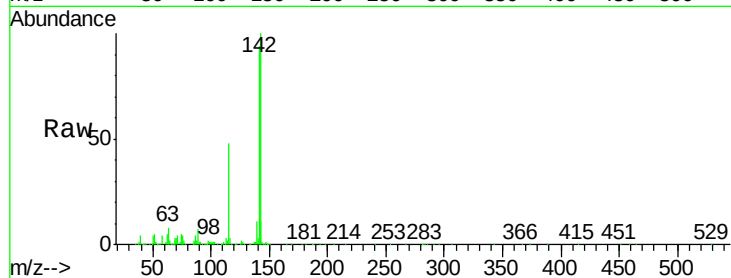




#37
2-Methylnaphthalene
Concen: 40.53 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

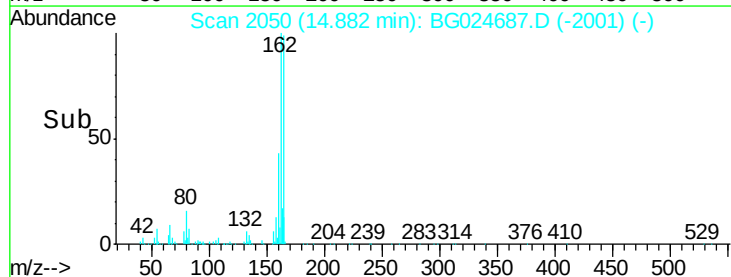
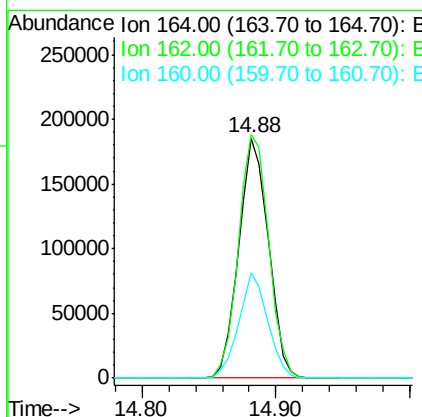
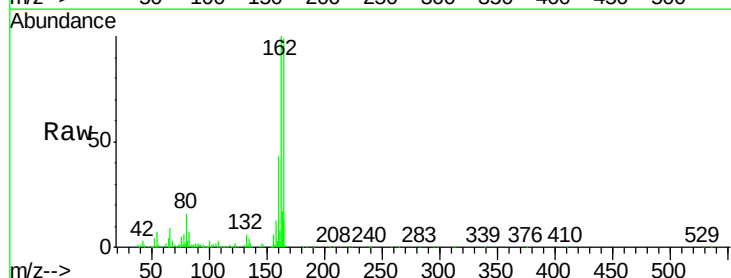
Instrument :
BNA_G
ClientSampleId :
PB94526BS

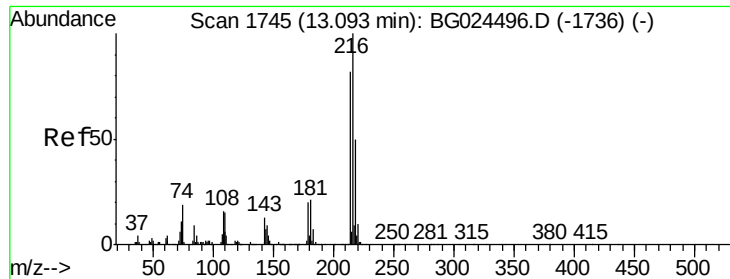
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.4	105.6
115	47.7	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.1	127.7
160	43.8	34.7	52.1

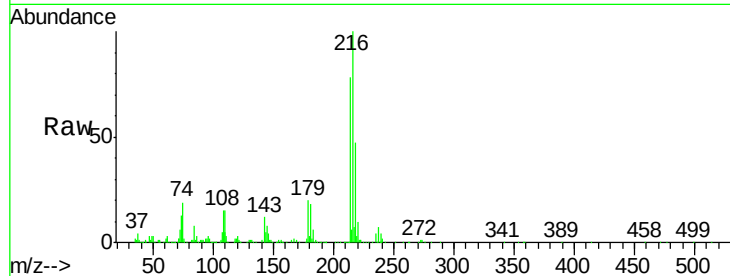




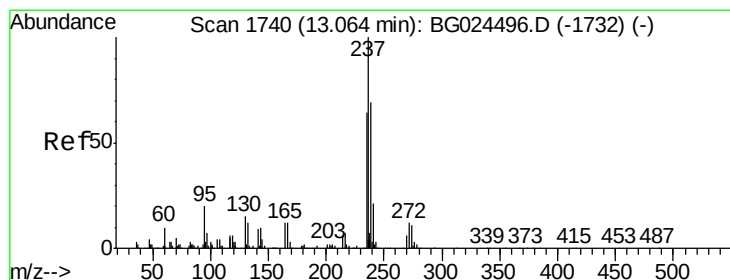
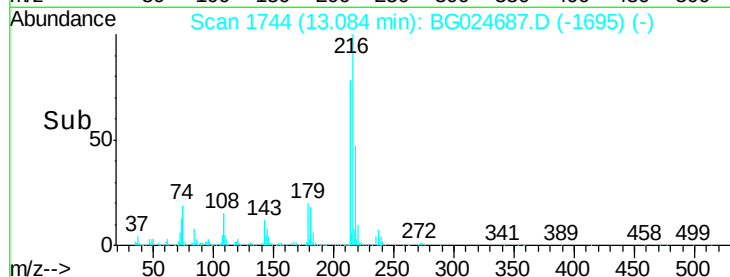
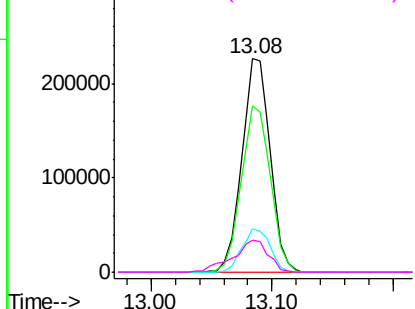
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.57 ng
 RT: 13.08 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

Tgt Ion:	216	Resp:	369547
Ion	Ratio	Lower	Upper
216	100		
214	80.1	64.4	96.6
179	20.3	17.4	26.0
108	18.8	15.6	23.4

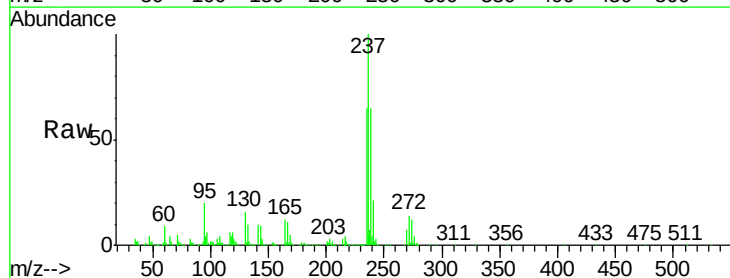


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

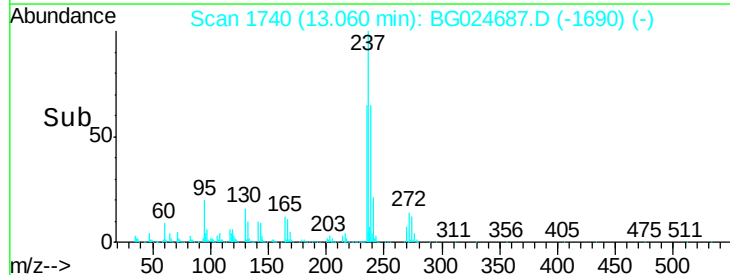
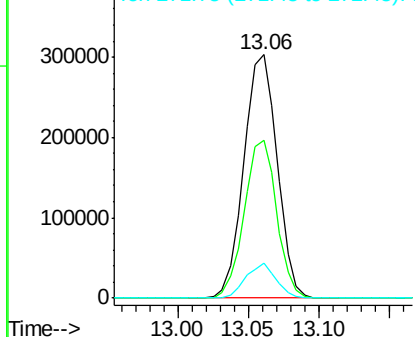


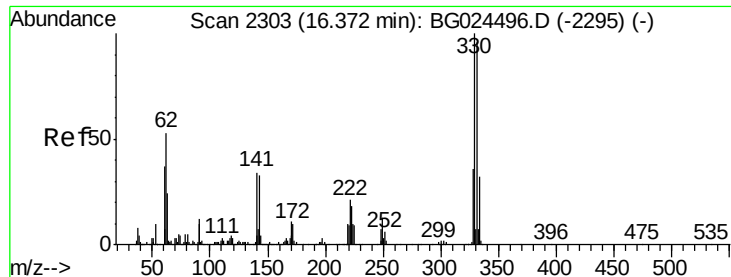
#40
 Hexachlorocyclopentadiene
 Concen: 93.05 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Tgt Ion:	237	Resp:	502064
Ion	Ratio	Lower	Upper
237	100		
235	65.0	39.4	79.4
272	14.2	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

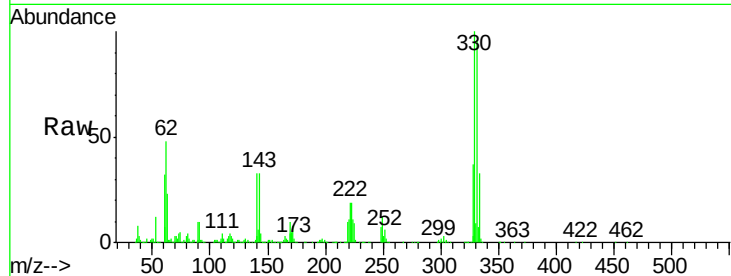




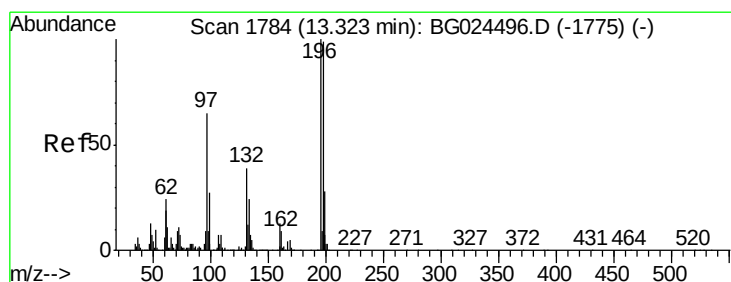
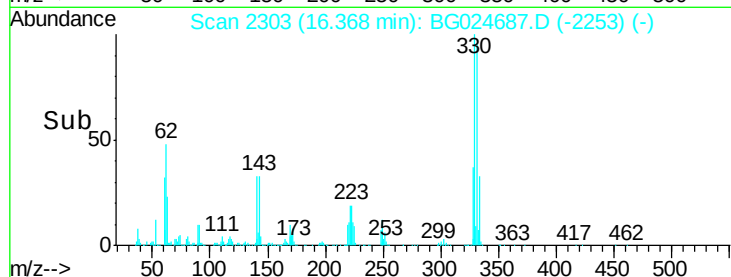
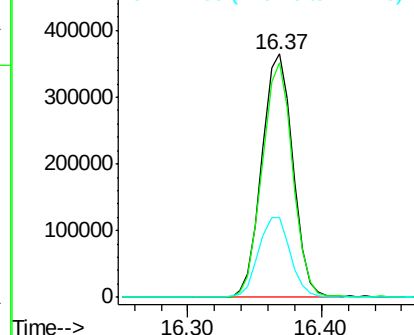
#41
2,4,6-Tribromophenol
Concen: 138.33 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Instrument :
BNA_G
ClientSampleId :
PB94526BS

Tgt Ion:330 Resp: 587063
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 33.7 32.1 48.1

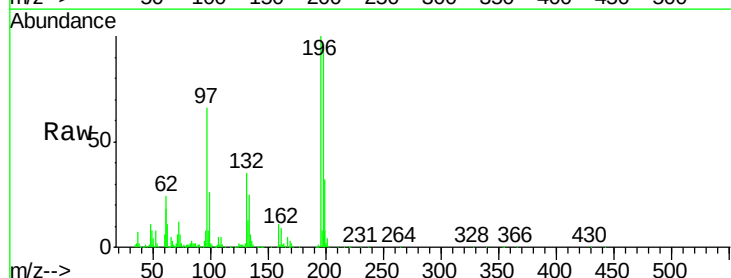


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

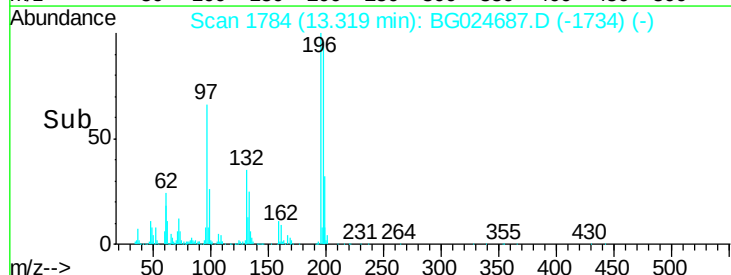
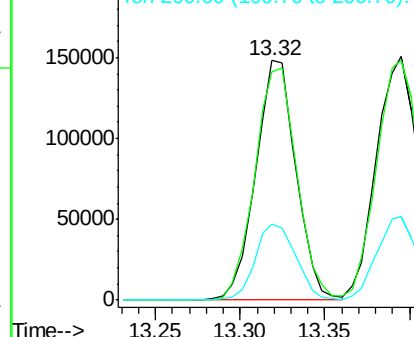


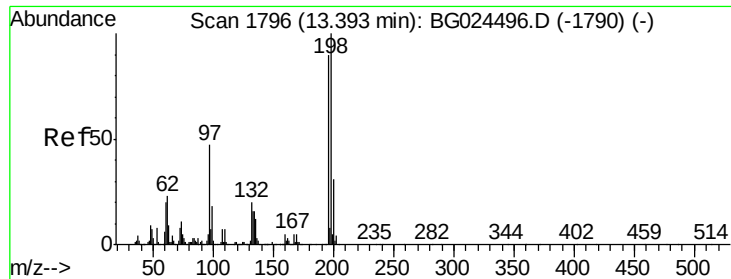
#42
2,4,6-Trichlorophenol
Concen: 42.53 ng
RT: 13.32 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:196 Resp: 244943
Ion Ratio Lower Upper
196 100
198 95.5 81.4 122.2
200 31.7 27.0 40.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

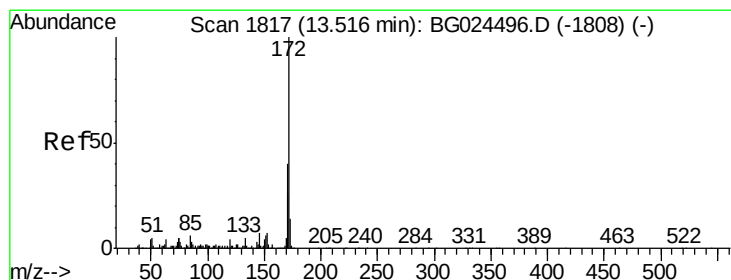
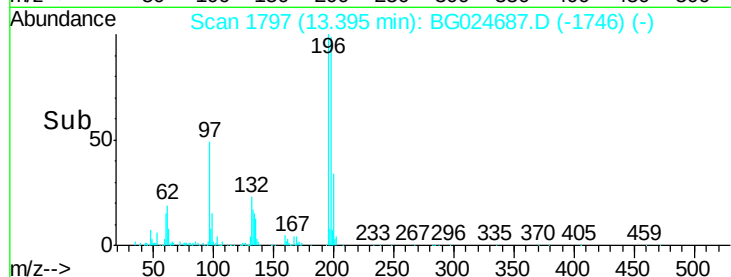
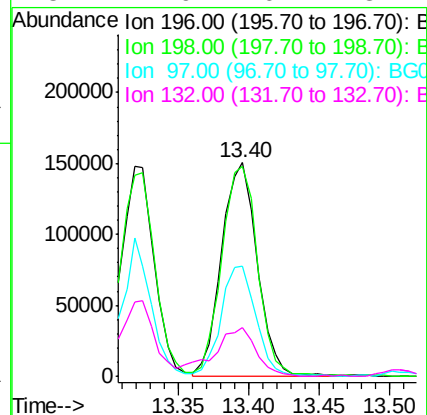
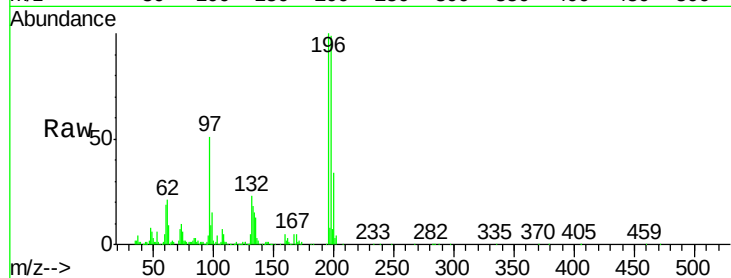




#43
 2,4,5-Trichlorophenol
 Concen: 42.34 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

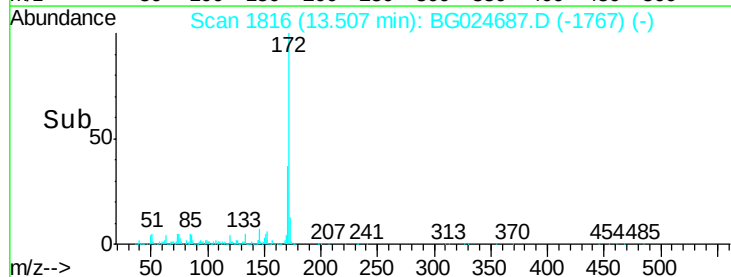
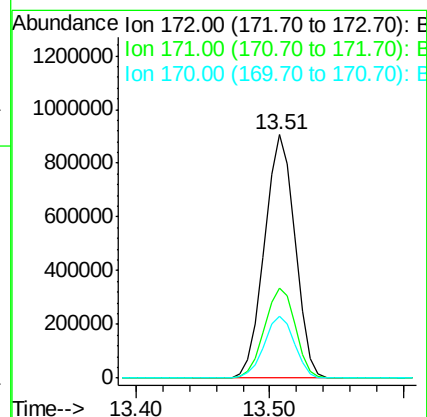
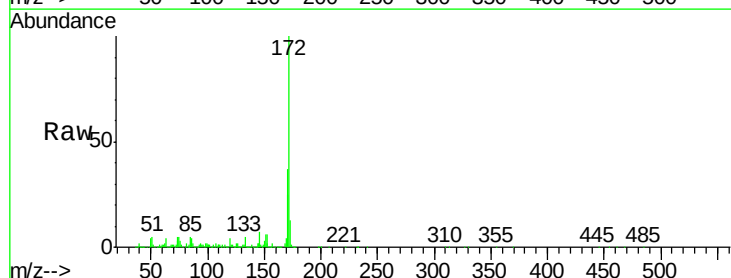
Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

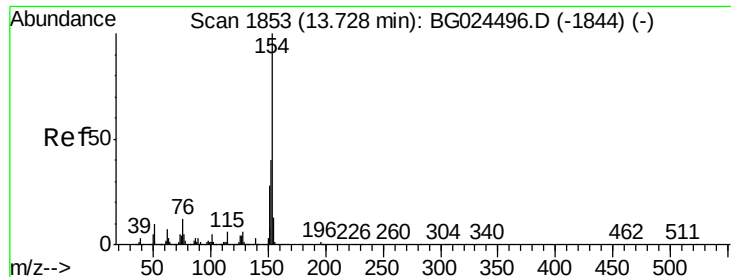
Tgt Ion:	196	Resp:	263648
Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.9	119.9
97	51.3	45.4	68.0
132	22.9	20.7	31.1



#44
 2-Fluorobiphenyl
 Concen: 84.09 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Tgt Ion:	172	Resp:	1437261
Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	25.4	21.8	32.6

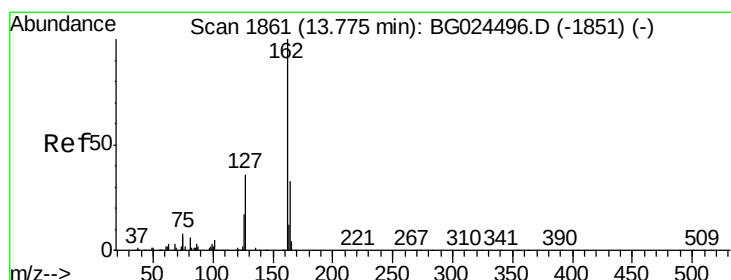
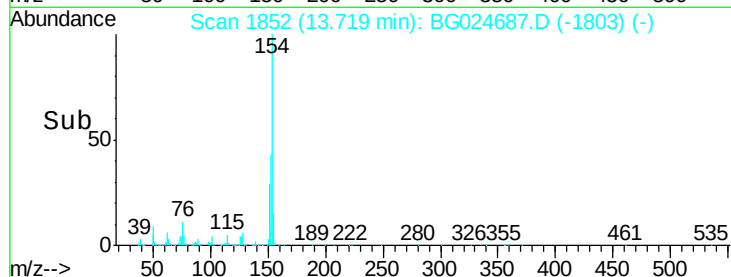
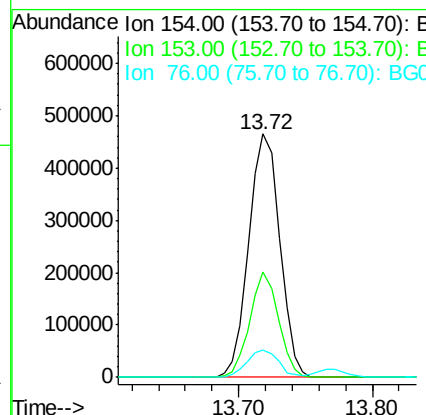
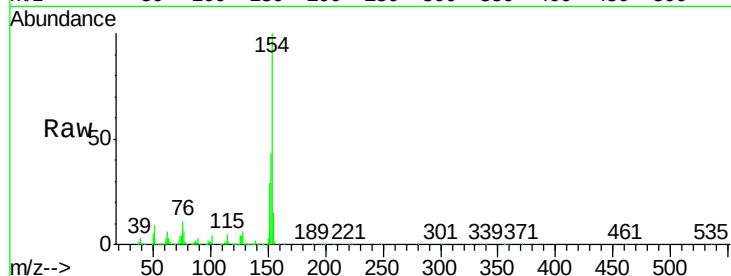




#45
 1,1'-Biphenyl
 Concen: 37.71 ng
 RT: 13.72 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

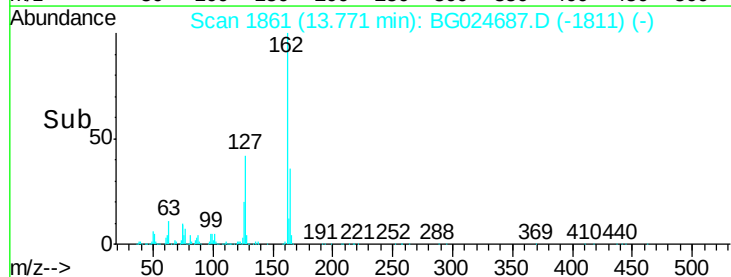
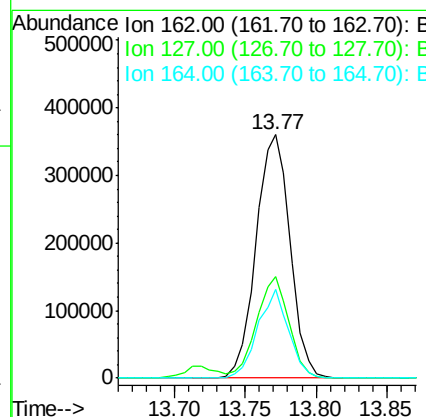
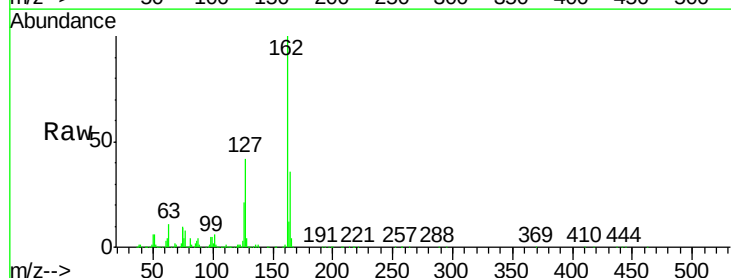
Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

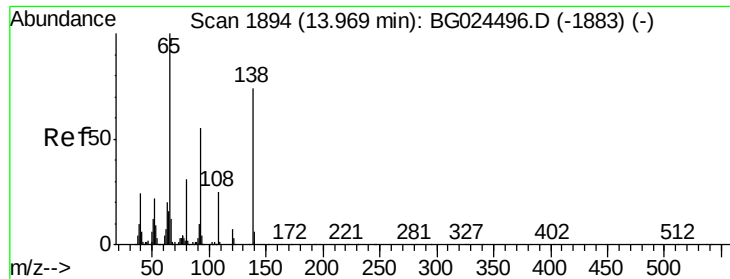
Tgt Ion:	154	Resp:	743360
Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.0	63.0
76	11.5	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 40.45 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Tgt Ion:	162	Resp:	607145
Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.2	48.4
164	36.2	27.3	40.9

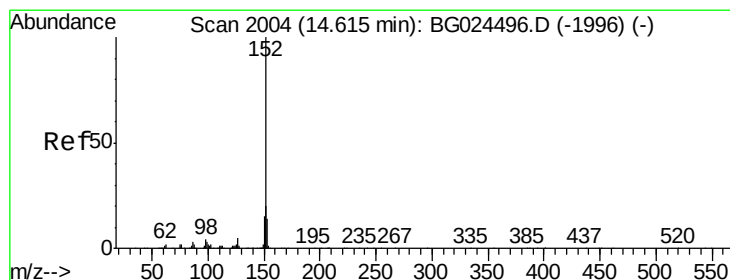
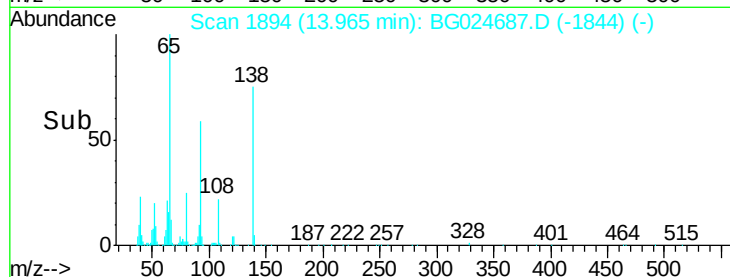
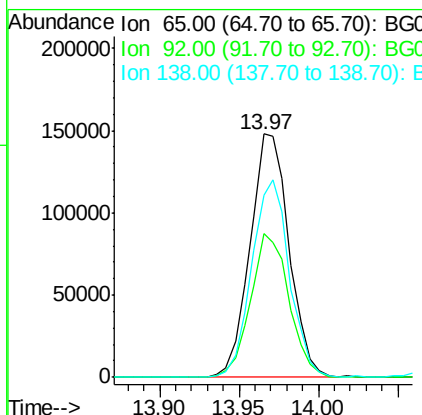
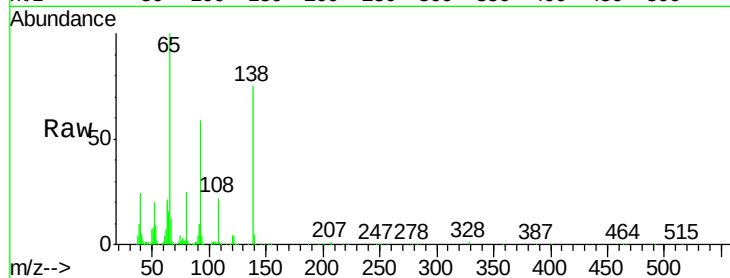




#47
2-Nitroaniline
Concen: 41.13 ng
RT: 13.97 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

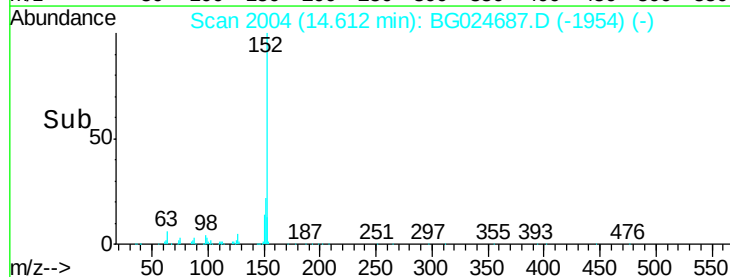
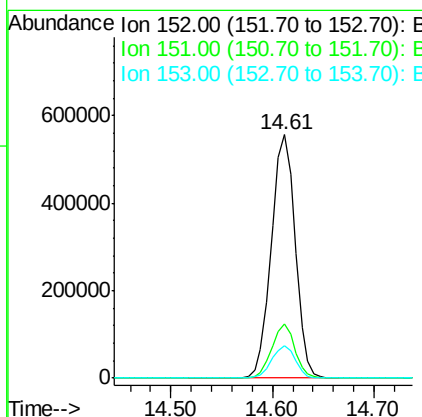
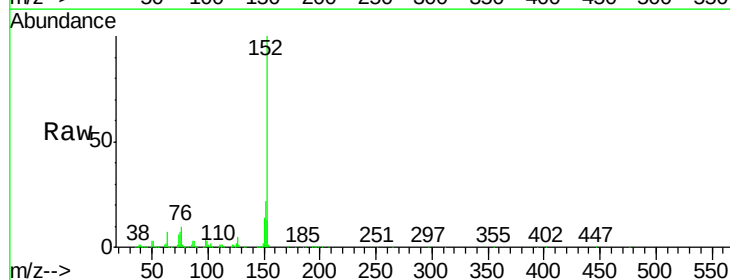
Instrument :
BNA_G
ClientSampleId :
PB94526BS

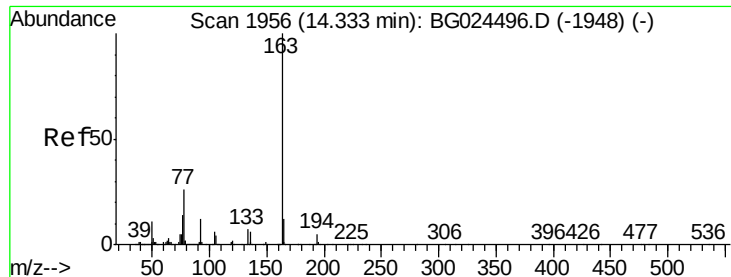
Tgt Ion: 65 Resp: 252784
Ion Ratio Lower Upper
65 100
92 58.9 49.0 73.4
138 74.6 58.6 87.8



#48
Acenaphthylene
Concen: 39.80 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion: 152 Resp: 916167
Ion Ratio Lower Upper
152 100
151 22.5 18.2 27.2
153 13.2 11.3 16.9





#49

Dimethylphthalate

Concen: 40.80 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

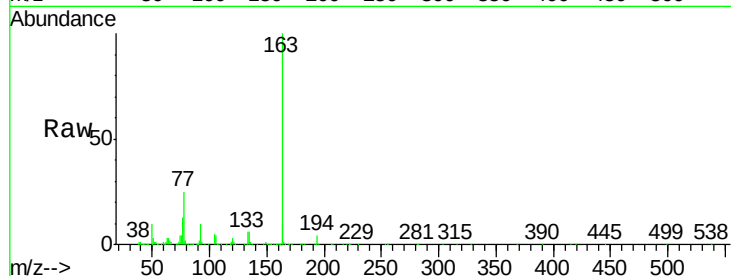
Tgt Ion:163 Resp: 822937

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

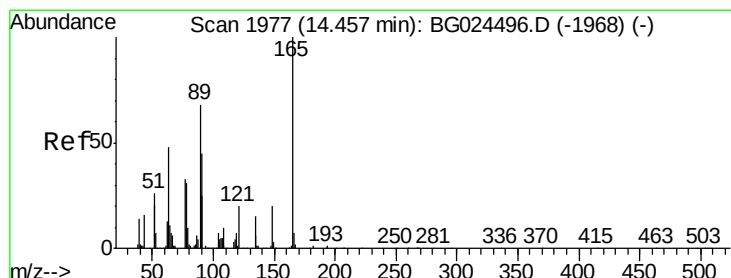
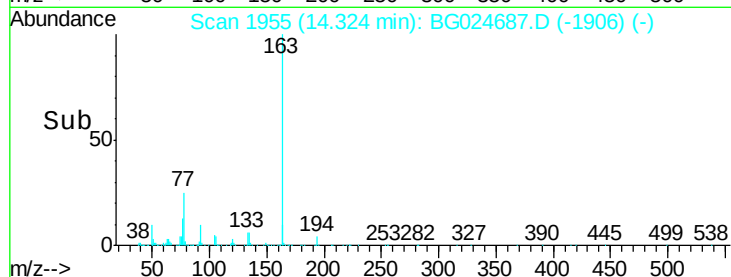
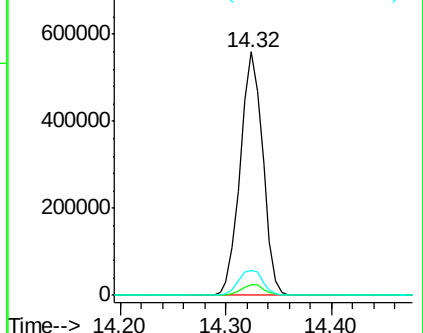
164 10.1 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.01 ng

RT: 14.45 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

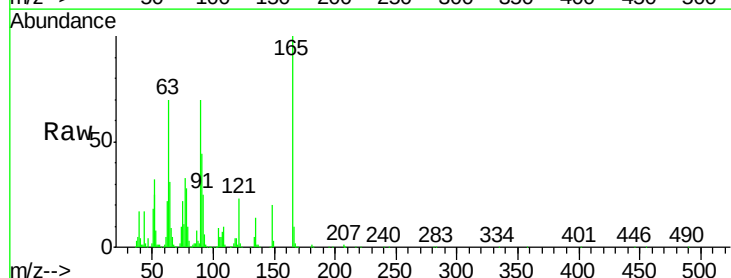
Tgt Ion:165 Resp: 189473

Ion Ratio Lower Upper

165 100

63 69.5 63.9 95.9

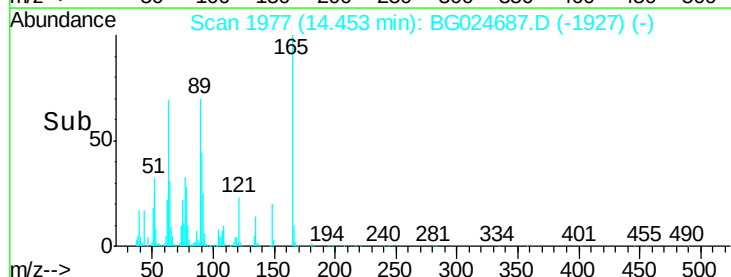
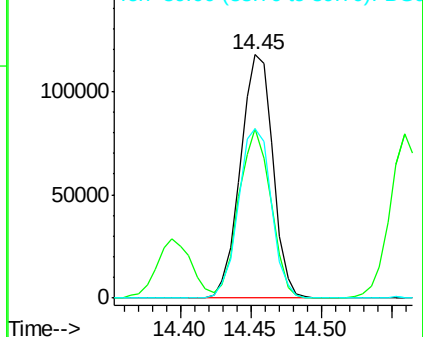
89 69.6 58.6 88.0

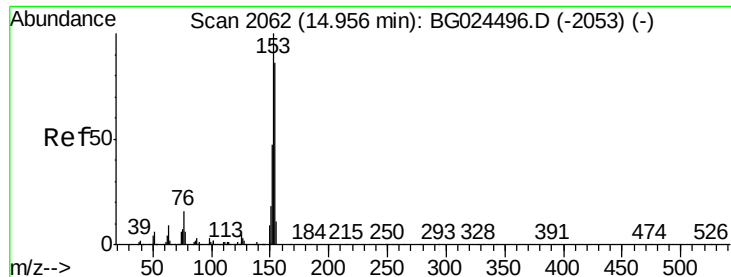


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.34 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

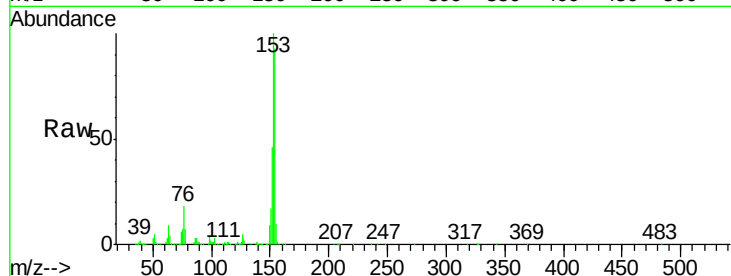
Tgt Ion:154 Resp: 606497

Ion Ratio Lower Upper

154 100

153 107.7 87.8 131.6

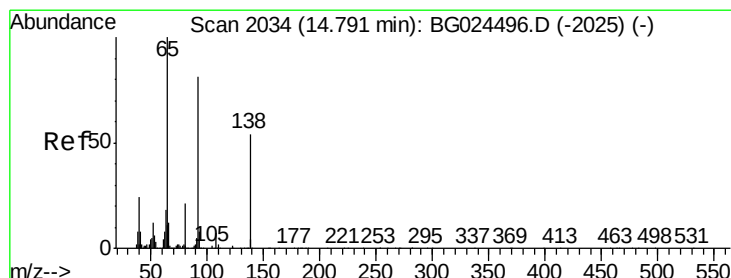
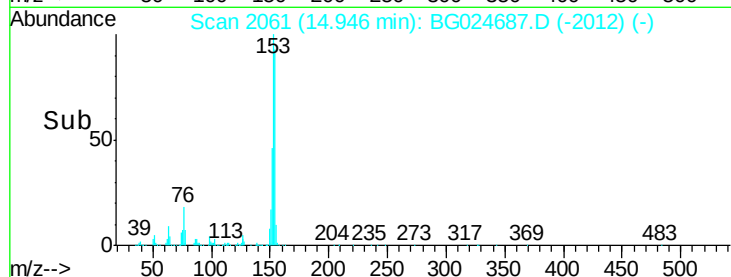
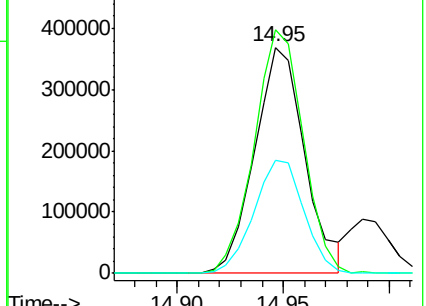
152 50.1 42.2 63.4



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: 22.43 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

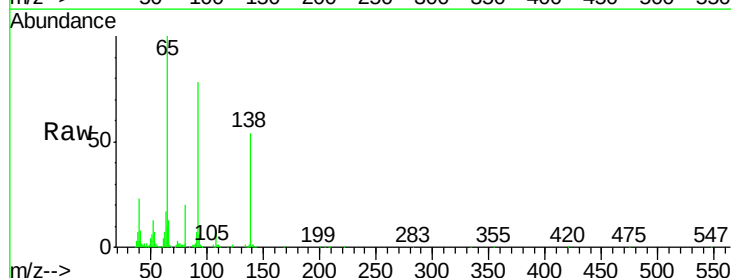
Tgt Ion:138 Resp: 99911

Ion Ratio Lower Upper

138 100

108 15.6 10.9 16.3

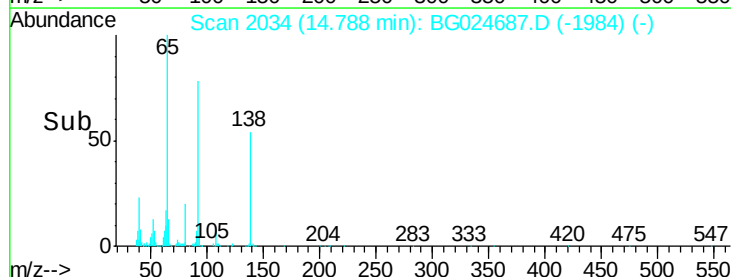
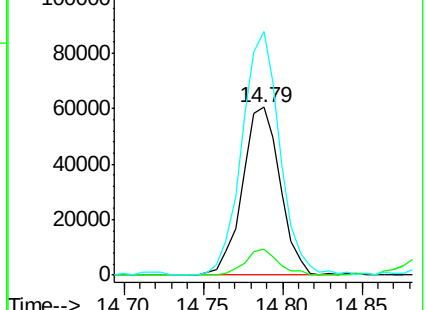
92 145.3 115.3 172.9

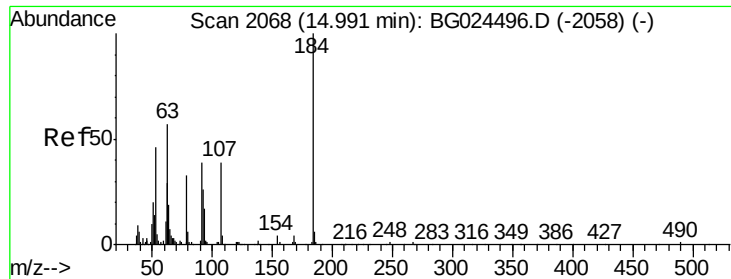


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

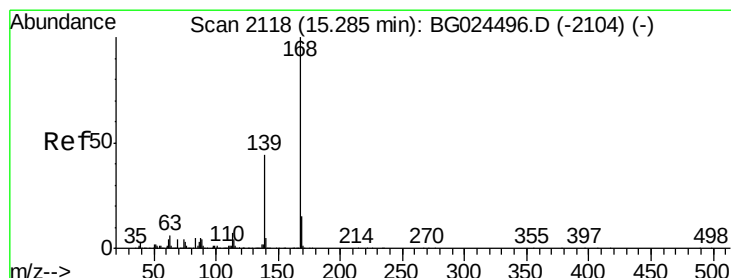
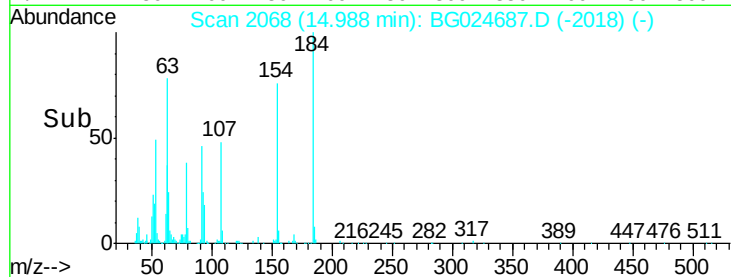
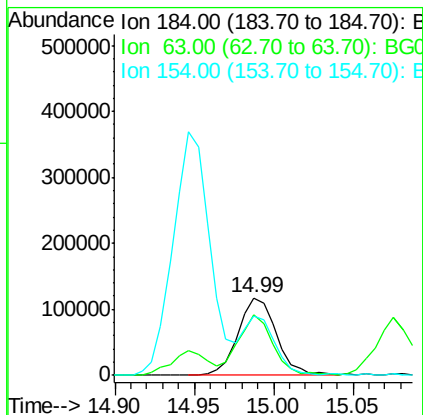
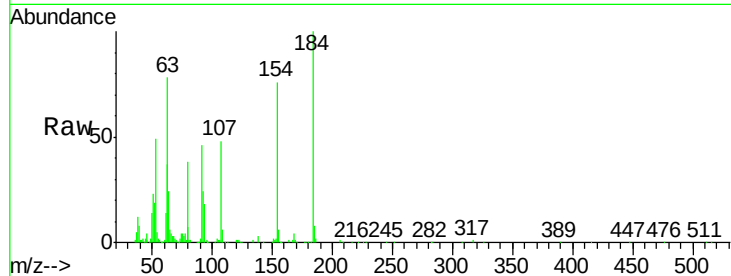




#53
2,4-Dinitrophenol
Concen: 62.81 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

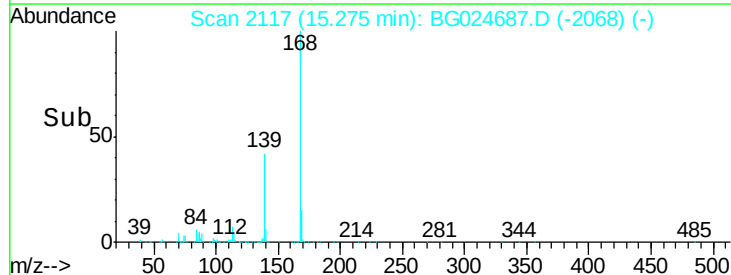
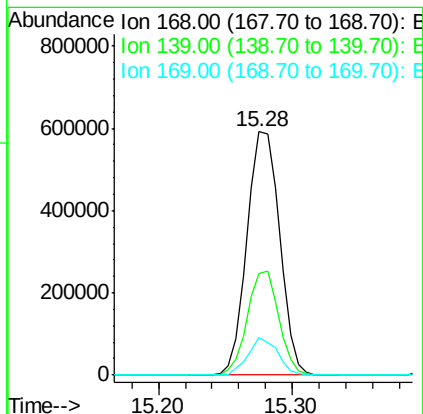
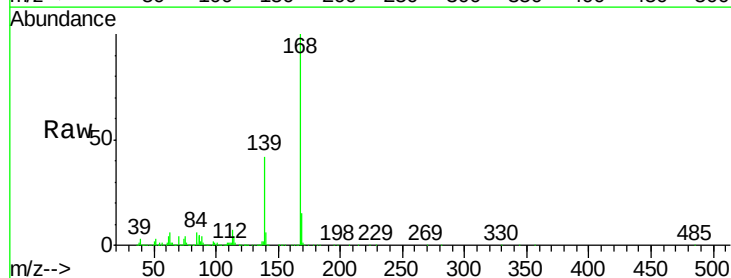
Instrument :
BNA_G
ClientSampleId :
PB94526BS

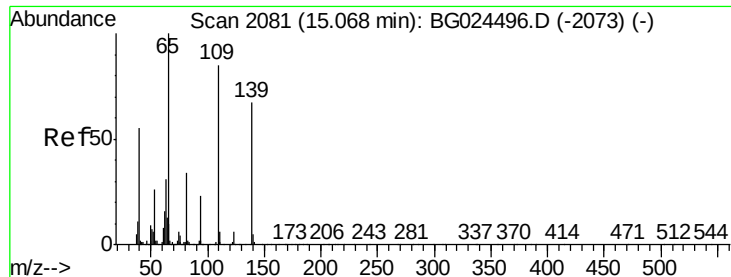
Tgt Ion:184 Resp: 195952
Ion Ratio Lower Upper
184 100
63 77.6 52.7 79.1
154 76.2 57.3 85.9



#54
Dibenzofuran
Concen: 42.06 ng
RT: 15.28 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:168 Resp: 997862
Ion Ratio Lower Upper
168 100
139 41.6 35.3 52.9
169 15.2 11.5 17.3

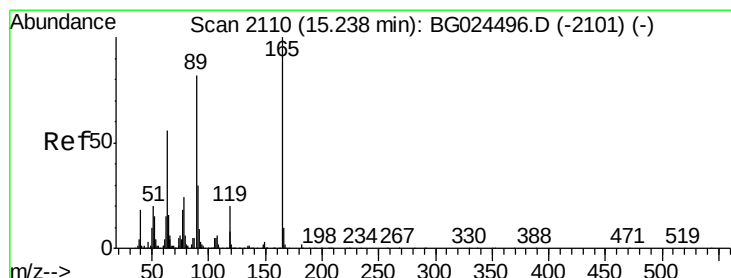
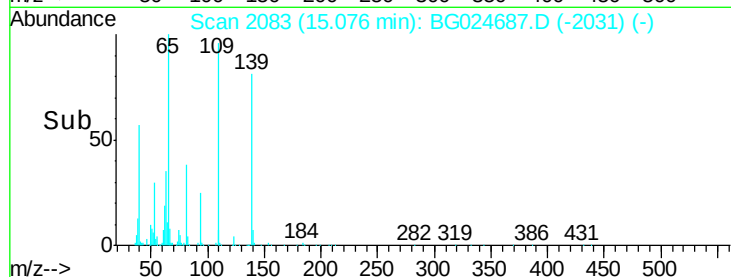
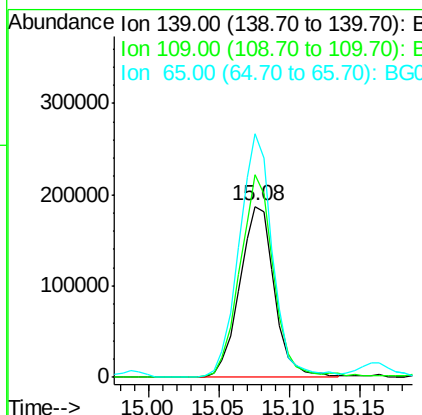
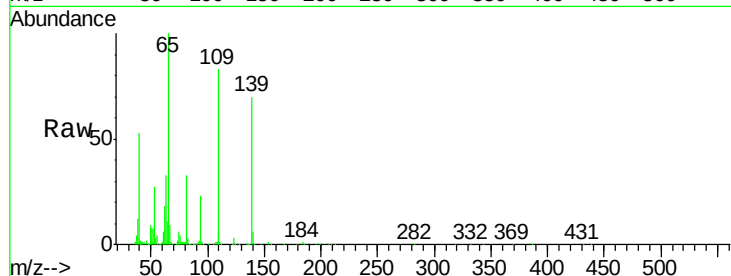




#55
4-Nitrophenol
Concen: 82.99 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

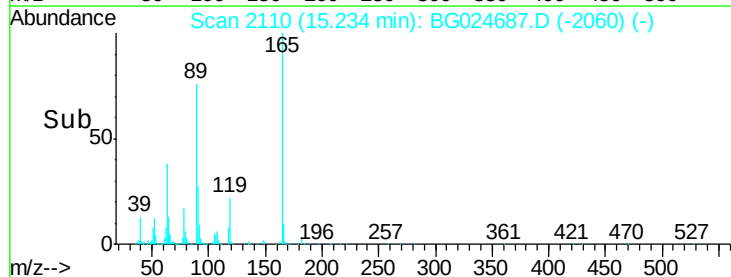
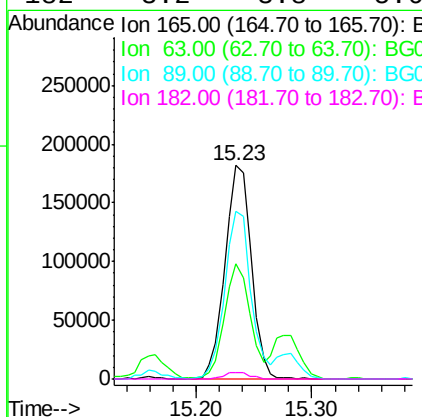
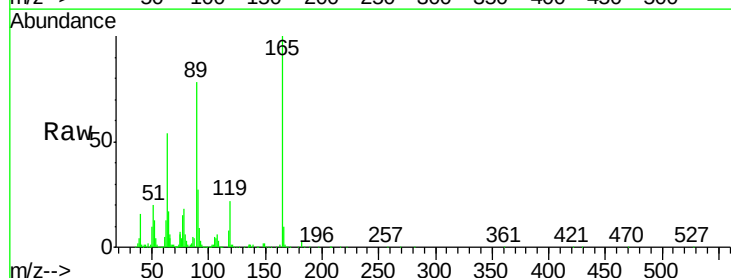
Instrument :
BNA_G
ClientSampleId :
PB94526BS

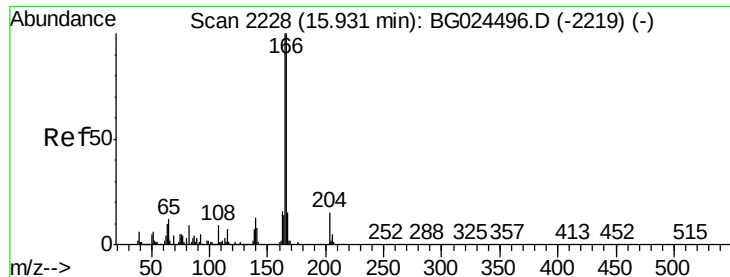
Tgt Ion:139 Resp: 322117
Ion Ratio Lower Upper
139 100
109 118.4 101.2 141.2
65 142.7 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 46.05 ng
RT: 15.23 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:165 Resp: 288132
Ion Ratio Lower Upper
165 100
63 54.1 44.0 66.0
89 78.3 67.3 100.9
182 3.2 3.8 5.6#





#57

Fluorene

Concen: 40.83 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

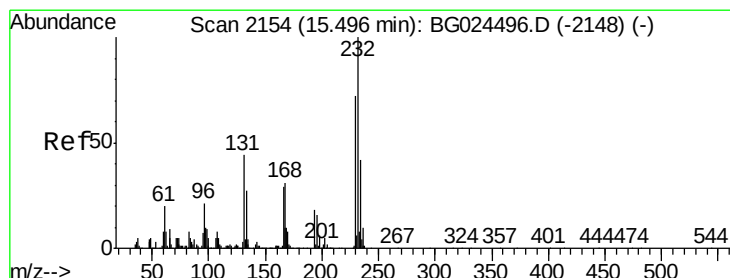
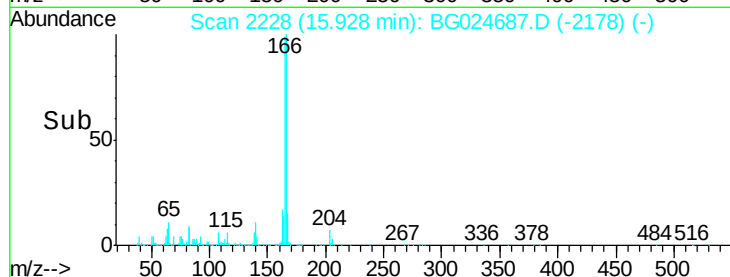
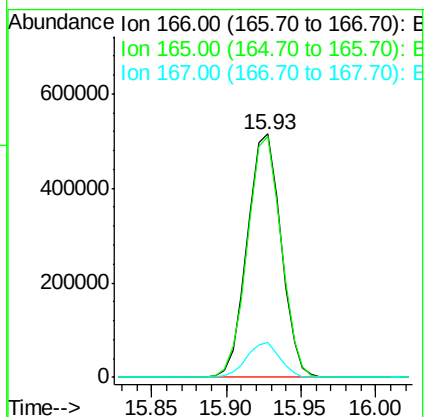
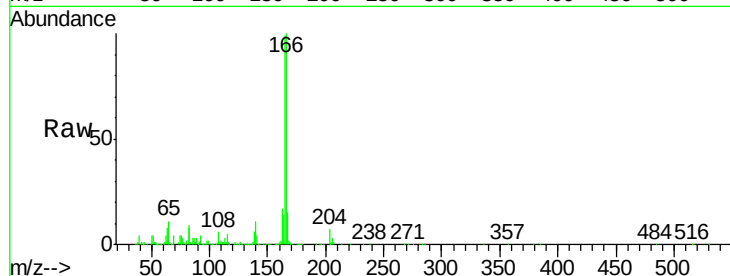
Tgt Ion:166 Resp: 803376

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

167 14.6 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.29 ng

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Tgt Ion:232 Resp: 279480

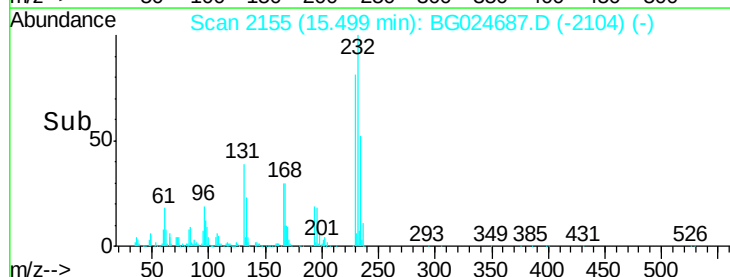
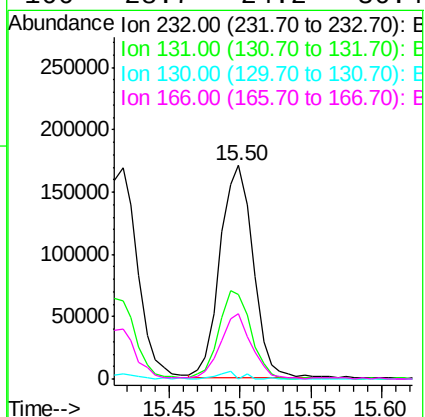
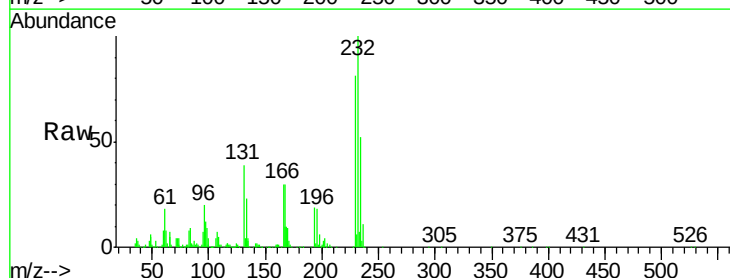
Ion Ratio Lower Upper

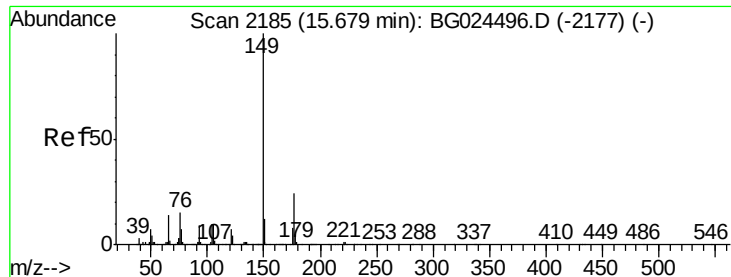
232 100

131 39.6 34.9 52.3

130 2.0 2.3 3.5#

166 28.7 24.2 36.4





#59

Diethylphthalate

Concen: 40.66 ng

RT: 15.68 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

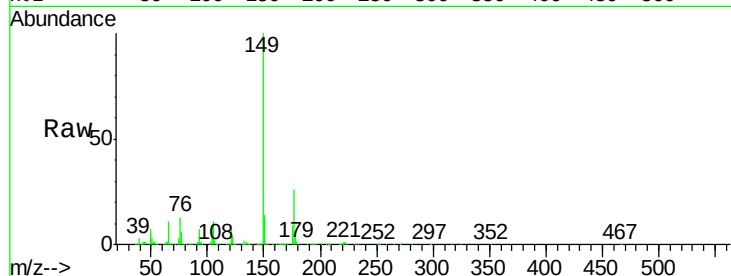
Tgt Ion:149 Resp: 859804

Ion Ratio Lower Upper

149 100

177 25.7 20.1 30.1

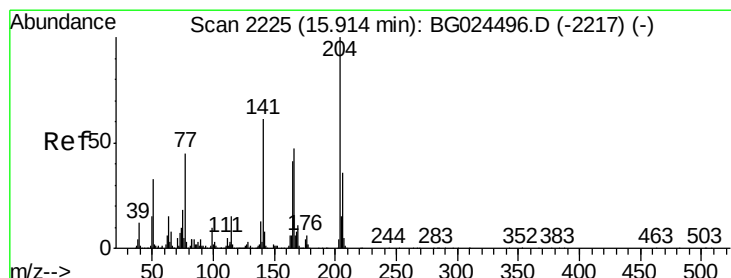
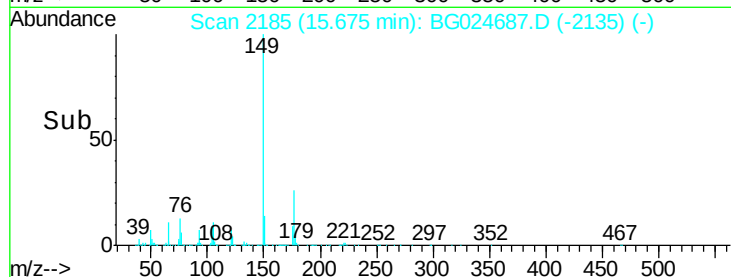
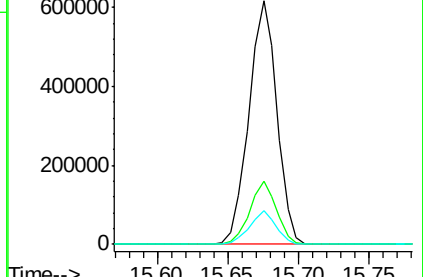
150 13.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.73 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

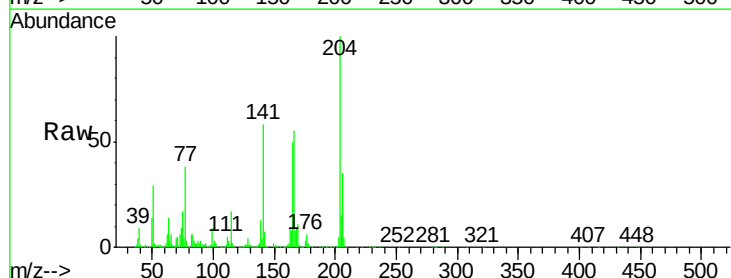
Tgt Ion:204 Resp: 449686

Ion Ratio Lower Upper

204 100

206 35.2 30.1 45.1

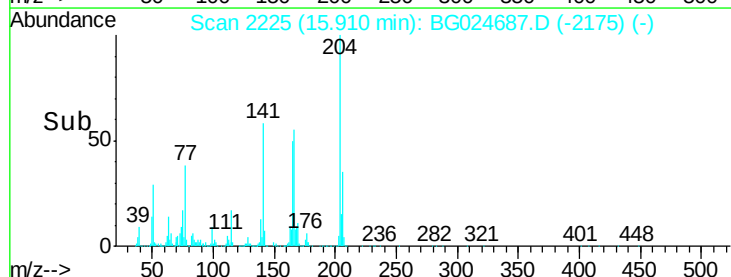
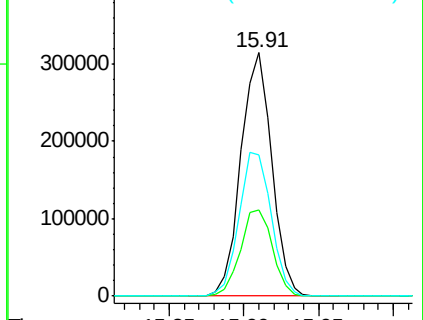
141 57.8 50.6 76.0

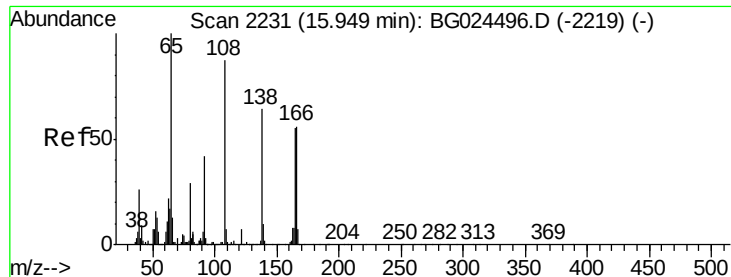


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

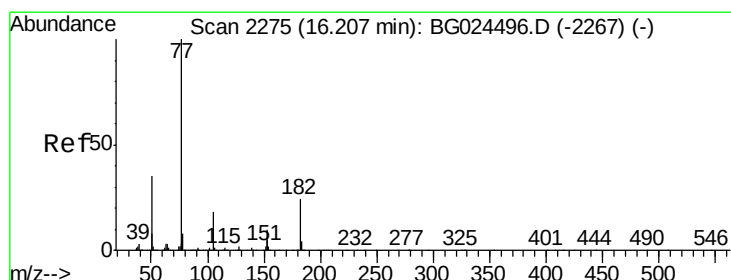
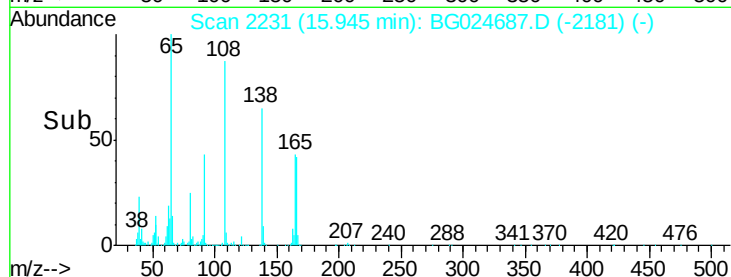
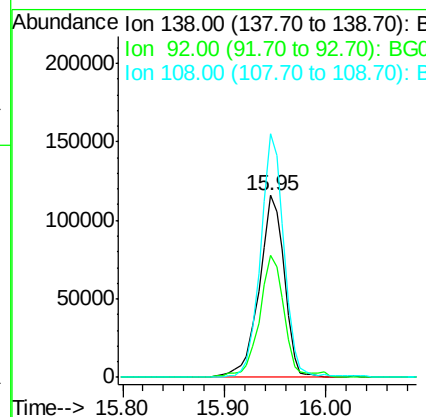
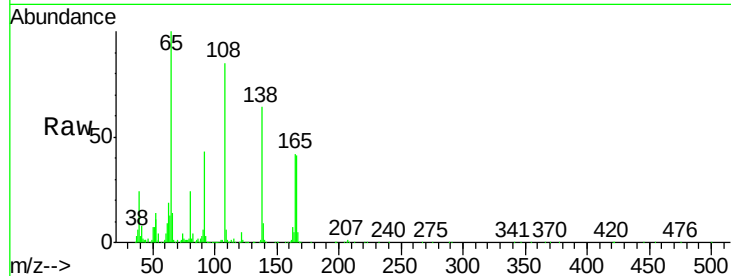




#61
4-Nitroaniline
Concen: 41.10 ng
RT: 15.95 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

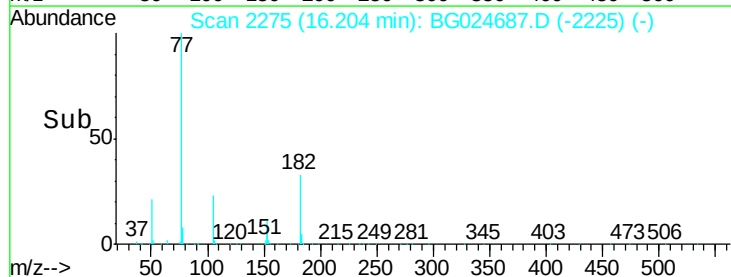
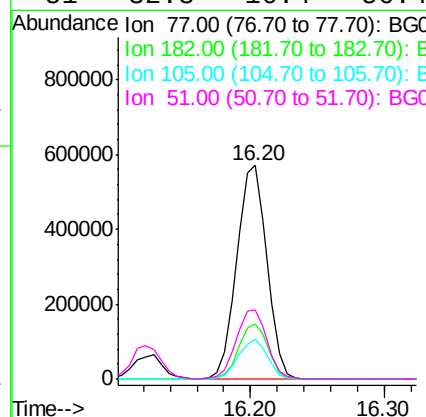
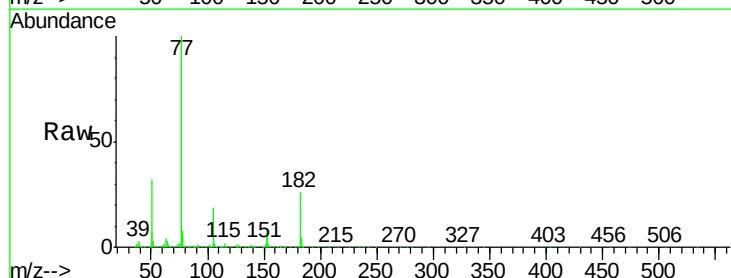
Instrument :
BNA_G
ClientSampleId :
PB94526BS

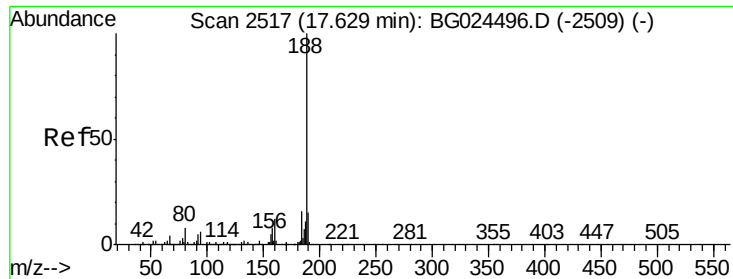
Tgt Ion: 138 Resp: 200053
Ion Ratio Lower Upper
138 100
92 67.0 44.2 84.2
108 133.8 104.8 144.8



#62
Azobenzene
Concen: 42.25 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion: 77 Resp: 890960
Ion Ratio Lower Upper
77 100
182 25.7 4.7 44.7
105 18.5 0.0 36.3
51 32.3 16.4 56.4

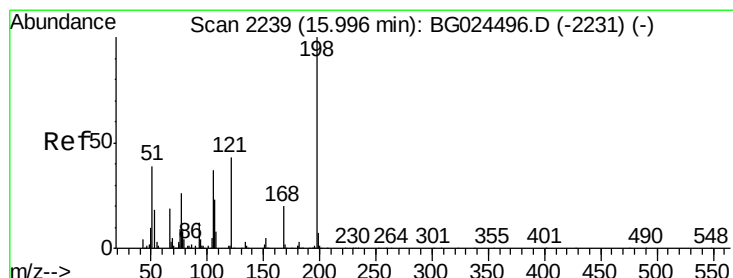
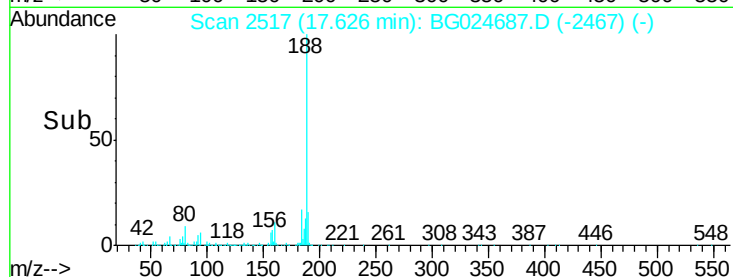
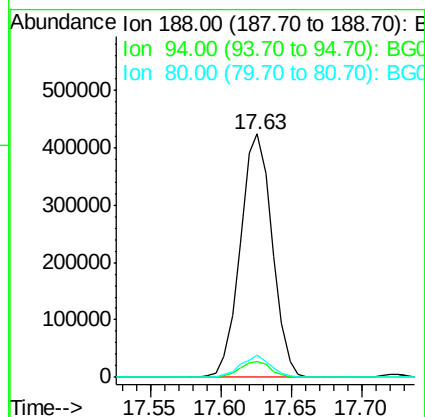
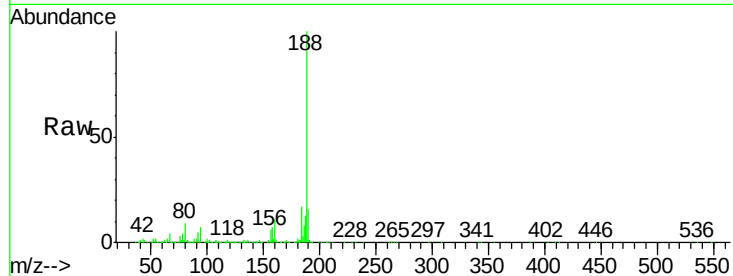




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

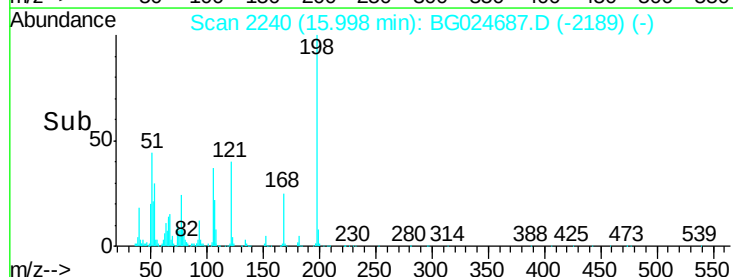
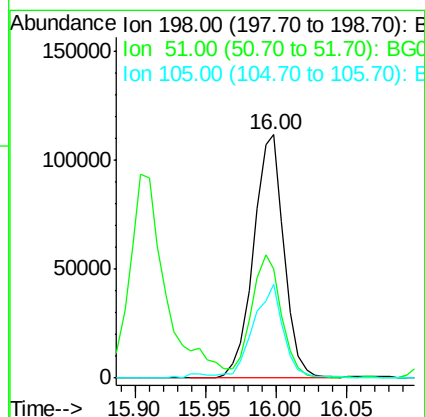
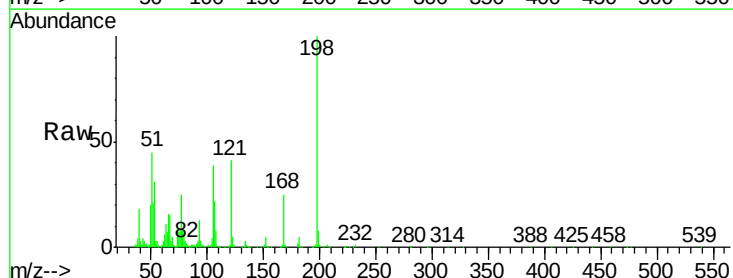
Instrument :
BNA_G
ClientSampled :
PB94526BS

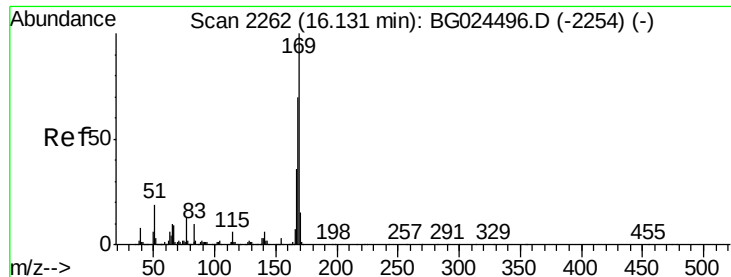
Tgt Ion:188 Resp: 669744
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 9.2 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 36.68 ng
RT: 16.00 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:198 Resp: 169231
Ion Ratio Lower Upper
198 100
51 45.0 22.6 62.6
105 38.8 14.4 54.4

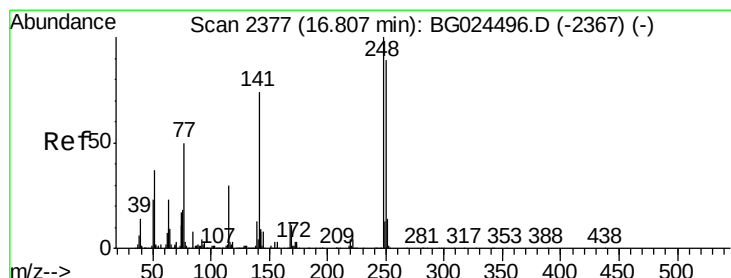
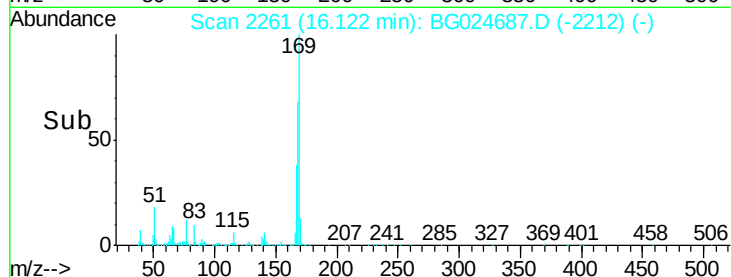
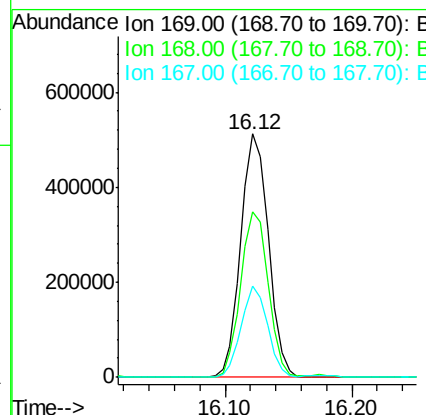
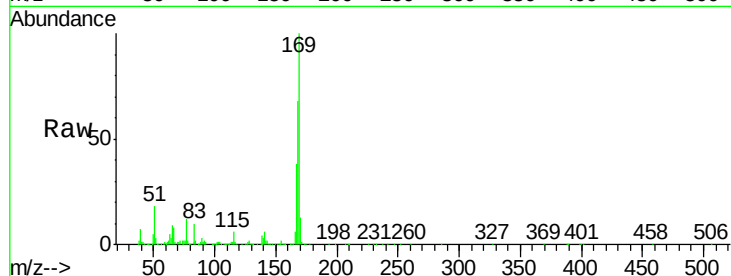




#65
n-Nitrosodiphenylamine
Concen: 42.14 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

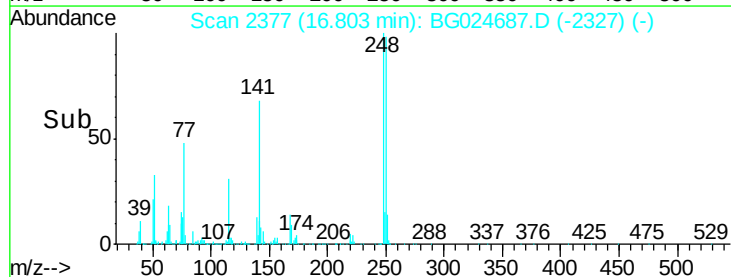
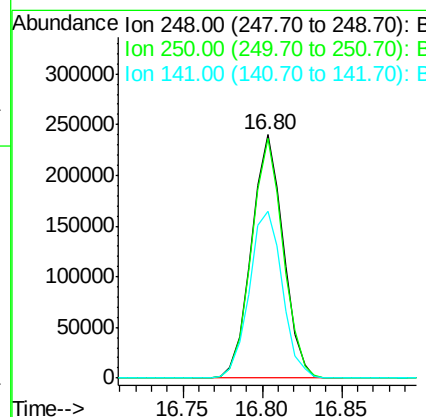
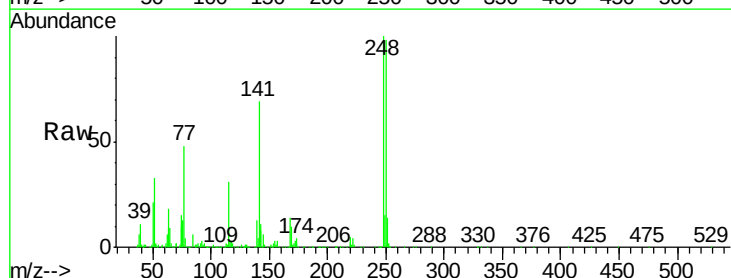
Instrument :
BNA_G
ClientSampleId :
PB94526BS

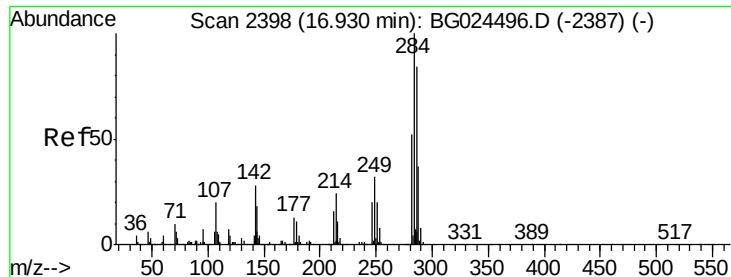
Tgt Ion:169 Resp: 771599
Ion Ratio Lower Upper
169 100
168 67.9 55.7 83.5
167 37.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 41.19 ng
RT: 16.80 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:248 Resp: 334908
Ion Ratio Lower Upper
248 100
250 98.3 75.0 112.6
141 68.6 55.2 82.8

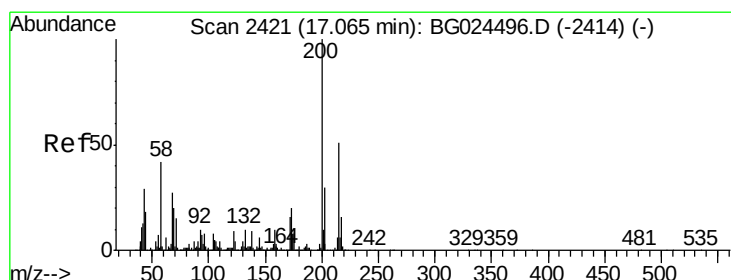
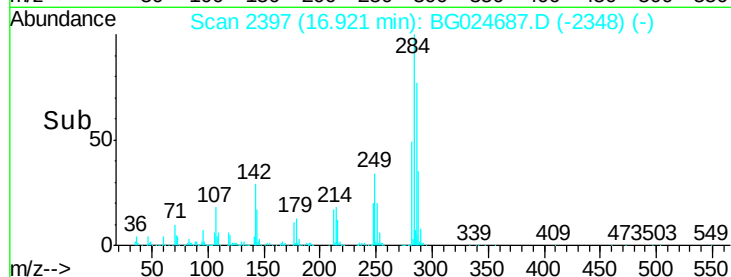
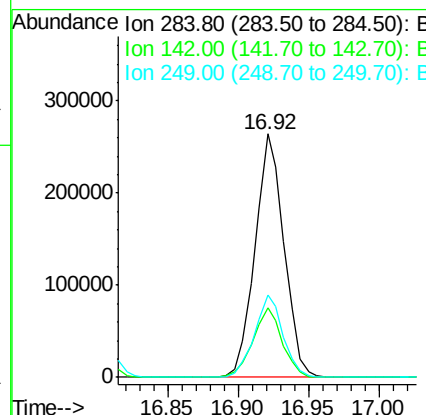
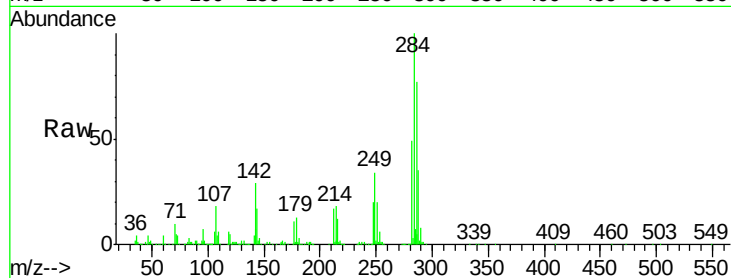




#67
Hexachlorobenzene
Concen: 42.30 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

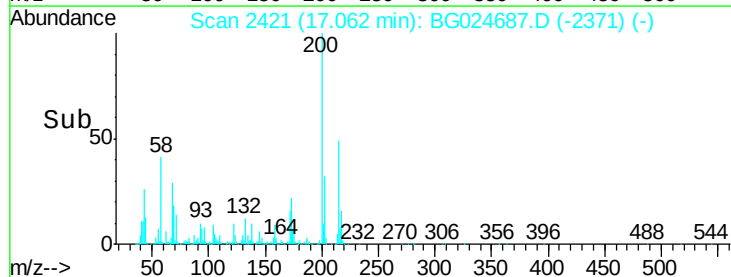
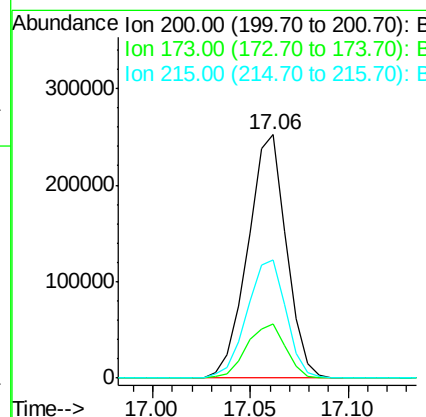
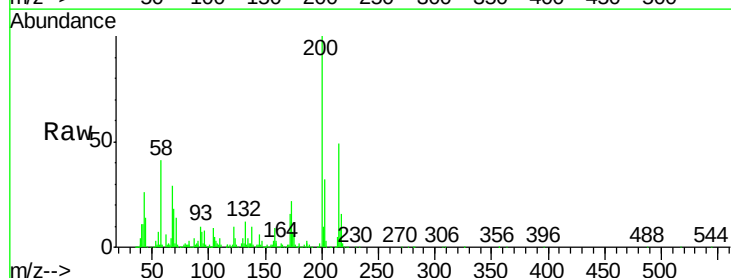
Instrument :
BNA_G
ClientSampleId :
PB94526BS

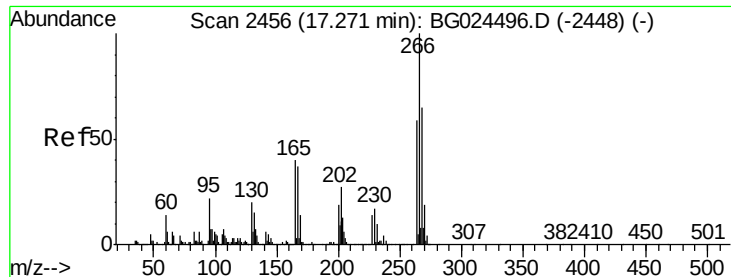
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	29.9	44.9#
249	33.8	29.2	43.8



#68
Atrazine
Concen: 43.95 ng
RT: 17.06 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.0	3.0	43.0
215	48.8	28.4	68.4

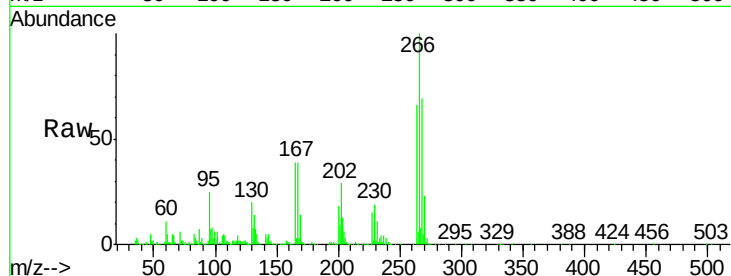




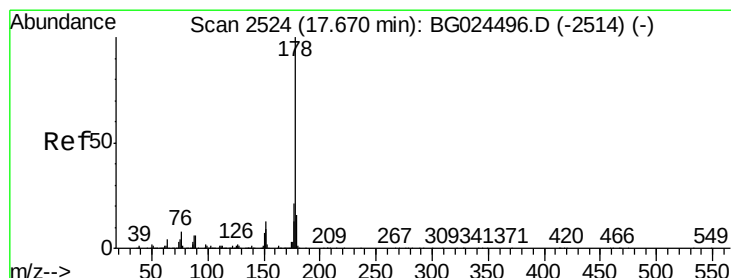
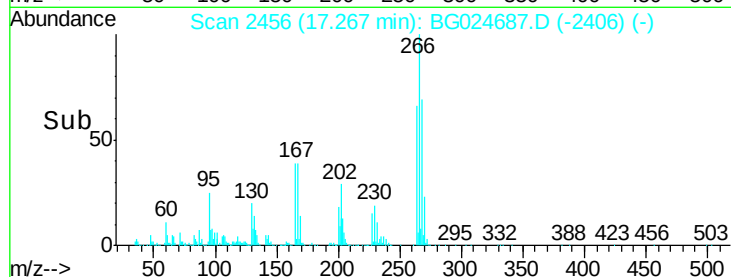
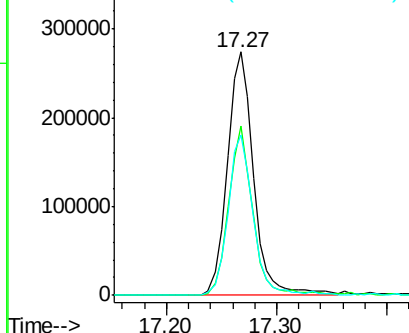
#69
 Pentachlorophenol
 Concen: 77.00 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.4	48.6	72.8
264	66.0	50.1	75.1

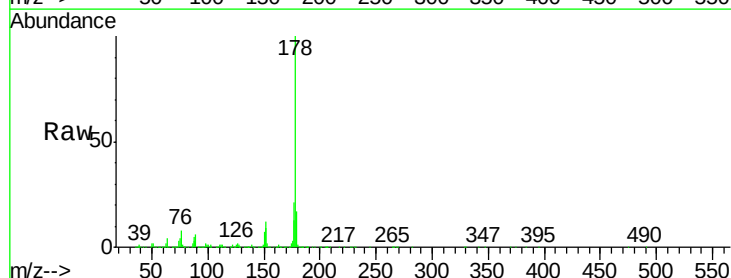


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

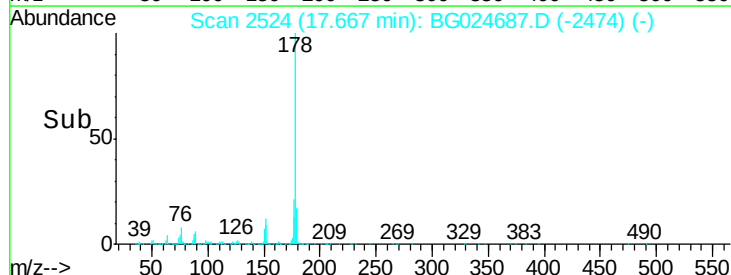
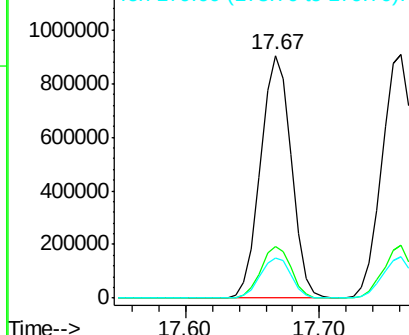


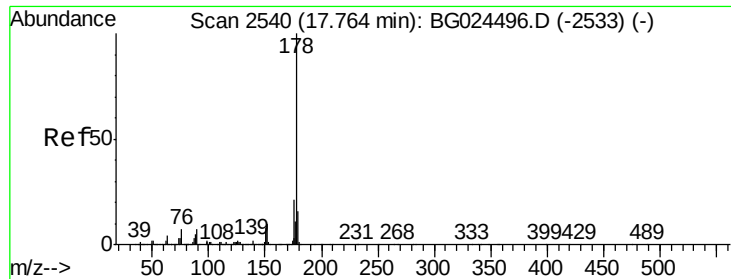
#70
 Phenanthrene
 Concen: 42.26 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	16.7	15.0	22.6



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





#71

Anthracene

Concen: 43.16 ng

RT: 17.76 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

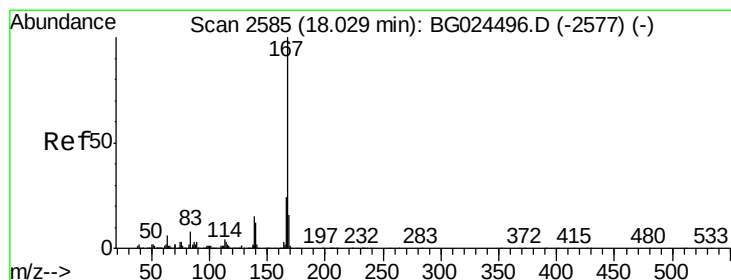
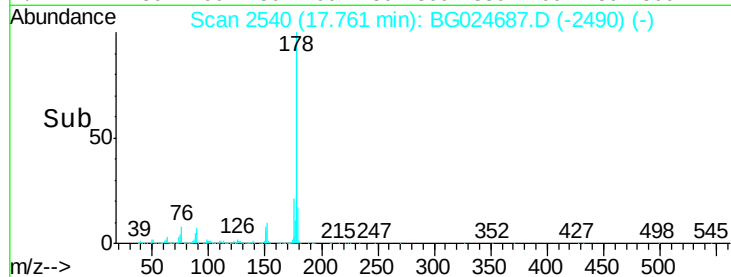
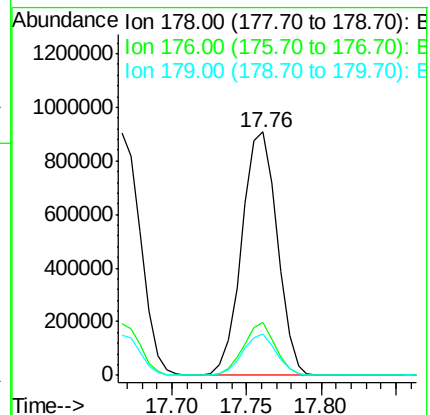
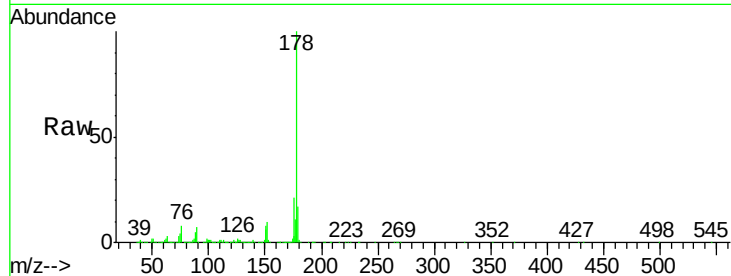
Tgt Ion:178 Resp: 1486343

Ion Ratio Lower Upper

178 100

176 21.5 16.4 24.6

179 16.9 13.8 20.8



#72

Carbazole

Concen: 42.79 ng

RT: 18.03 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

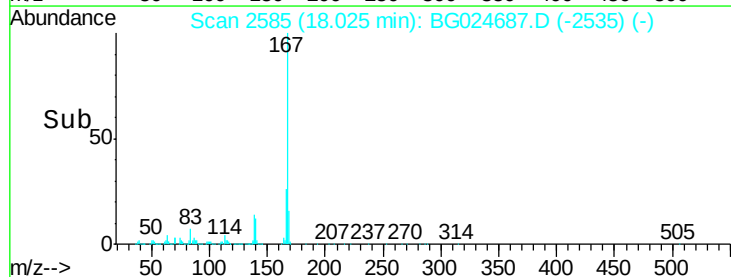
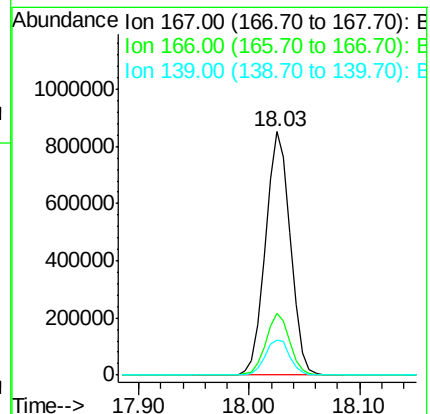
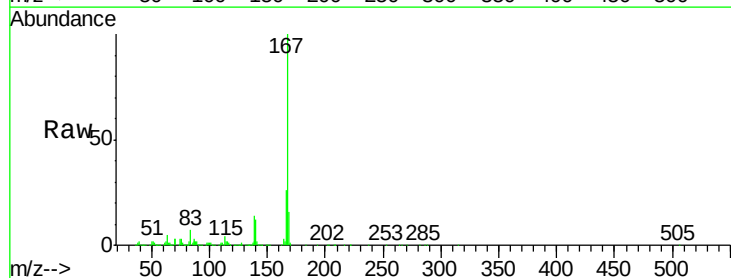
Tgt Ion:167 Resp: 1343970

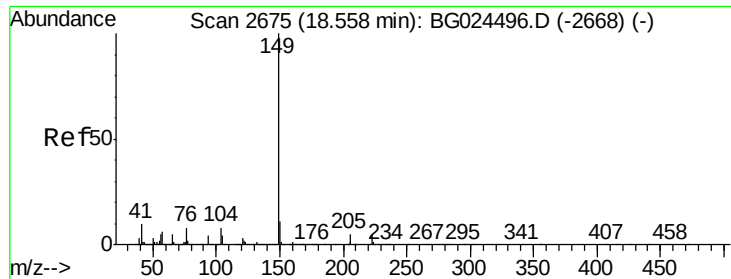
Ion Ratio Lower Upper

167 100

166 25.5 20.2 30.2

139 14.5 12.8 19.2





#73

Di-n-butylphthalate

Concen: 42.52 ng

RT: 18.55 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

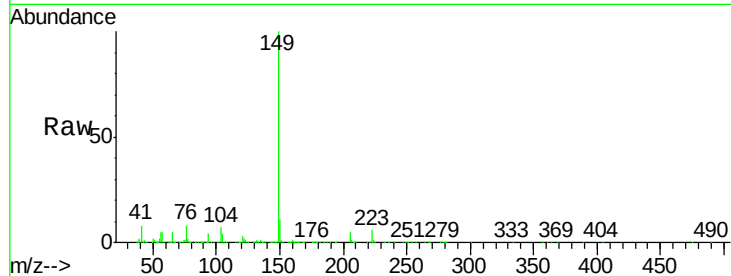
Tgt Ion:149 Resp: 1540072

Ion Ratio Lower Upper

149 100

150 10.6 9.1 13.7

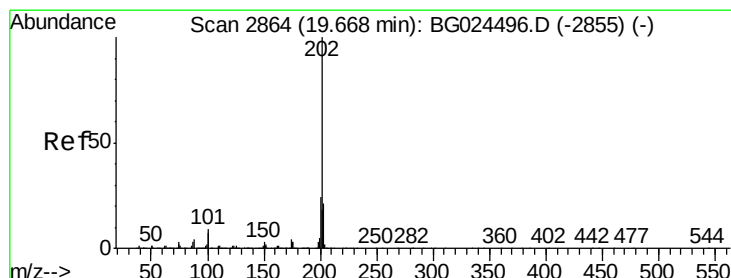
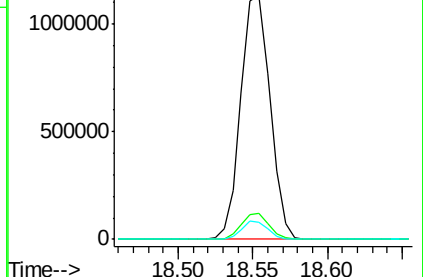
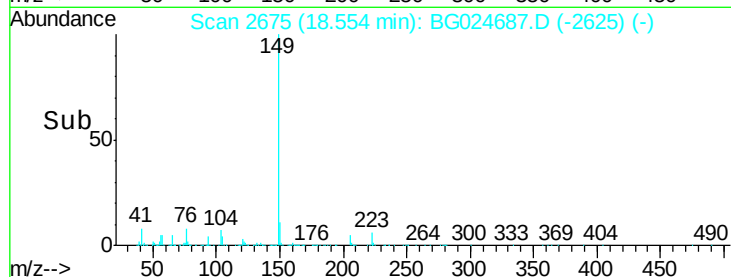
104 7.3 6.7 10.1



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: 44.31 ng

RT: 19.66 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

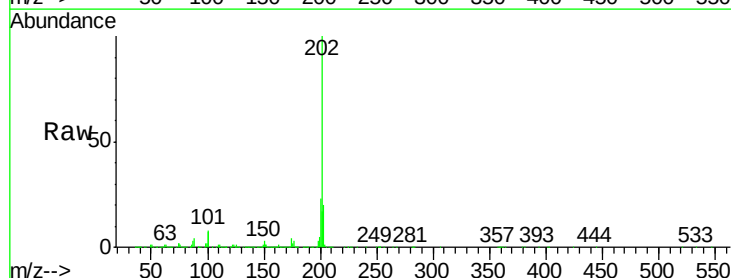
Tgt Ion:202 Resp: 1912337

Ion Ratio Lower Upper

202 100

101 7.6 0.0 30.1

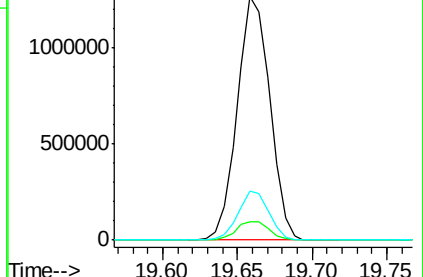
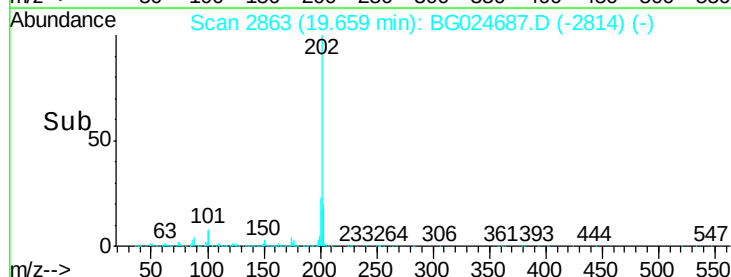
203 20.3 1.3 41.3

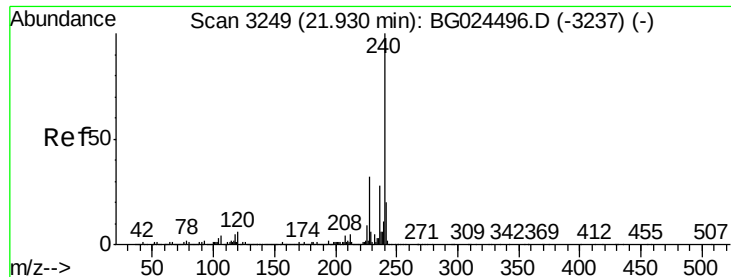


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

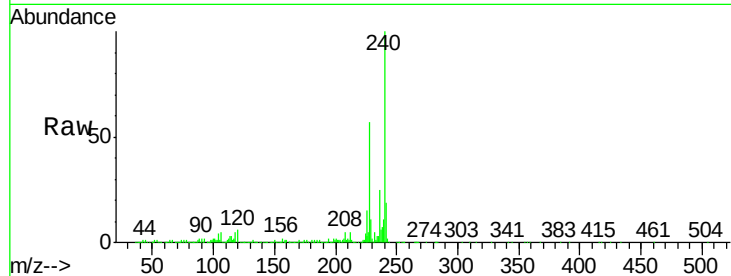
Tgt Ion:240 Resp: 944129

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

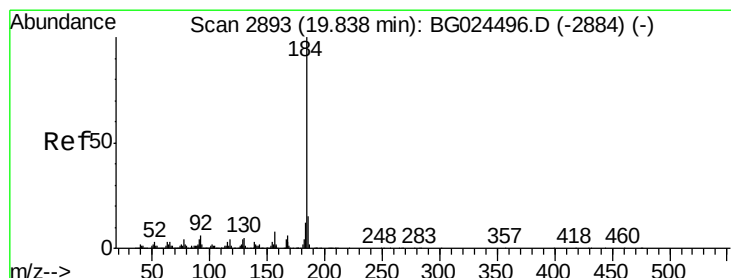
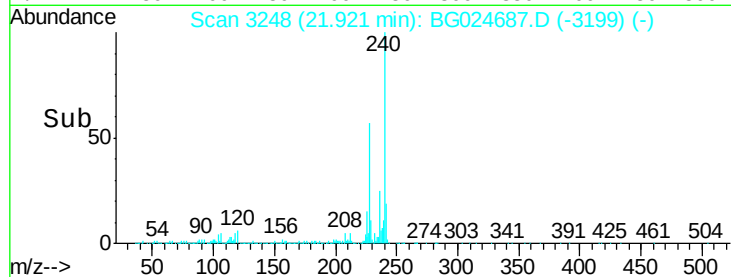
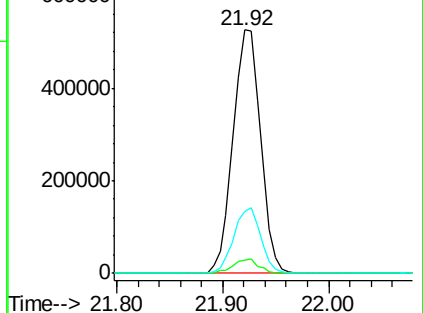
236 25.3 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.49 ng

RT: 19.83 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

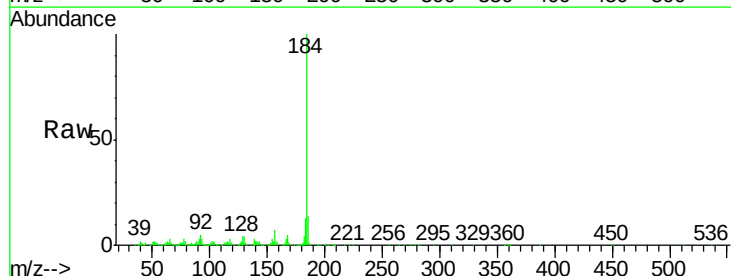
Tgt Ion:184 Resp: 655926

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

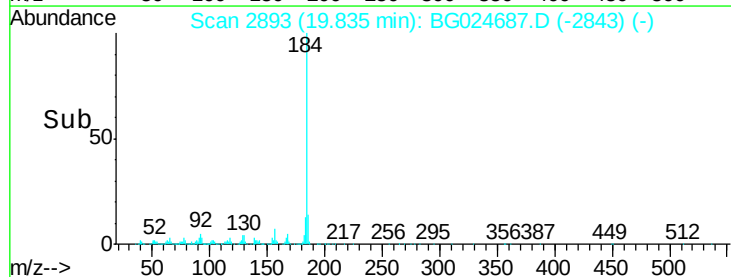
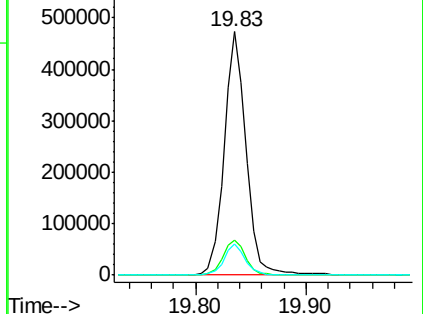
183 13.0 11.0 16.6

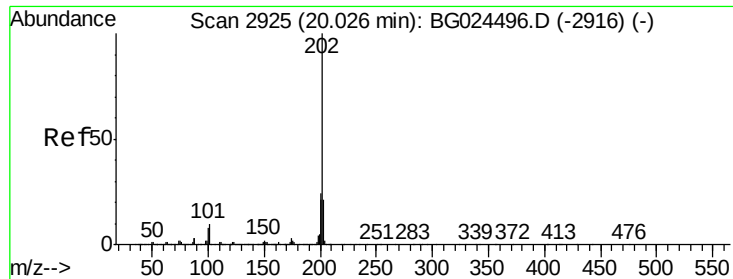


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.31 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

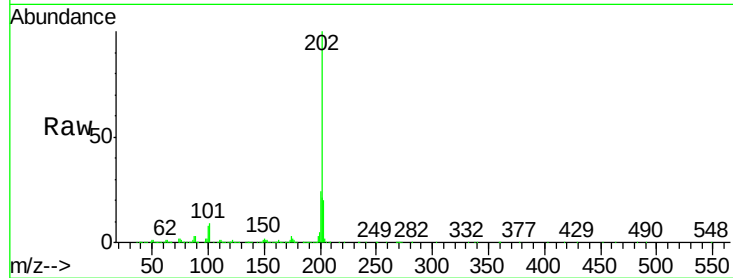
Tgt Ion:202 Resp: 1952802

Ion Ratio Lower Upper

202 100

200 24.1 19.6 29.4

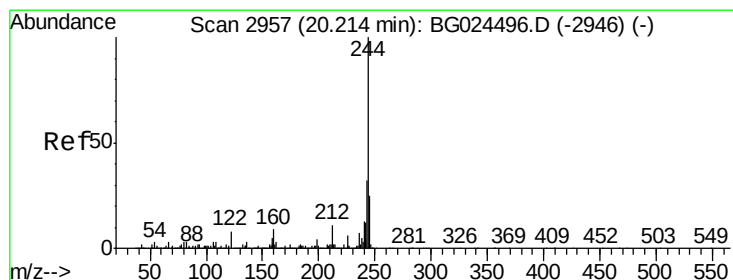
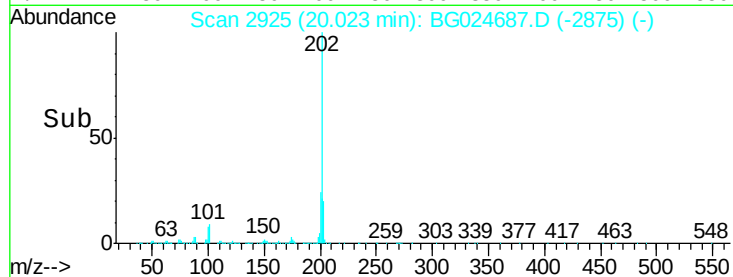
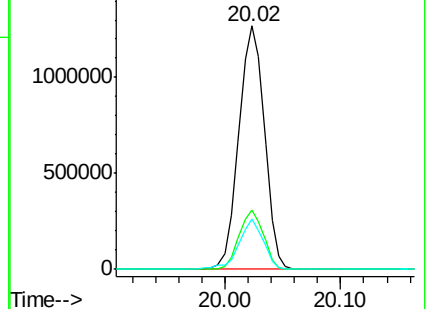
203 20.5 15.8 23.8



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: 88.09 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

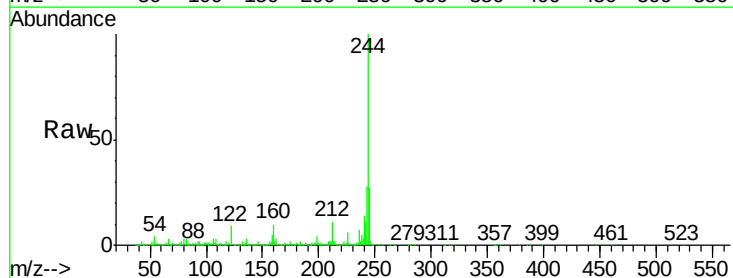
Tgt Ion:244 Resp: 2783251

Ion Ratio Lower Upper

244 100

212 10.7 10.0 15.0

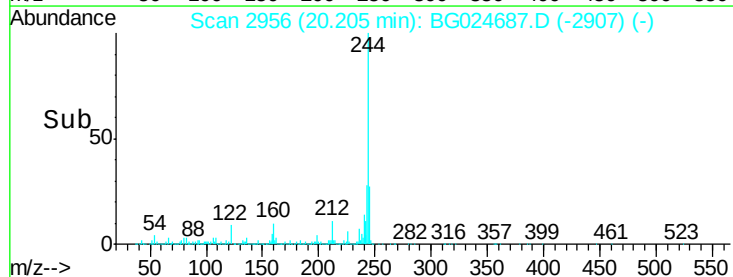
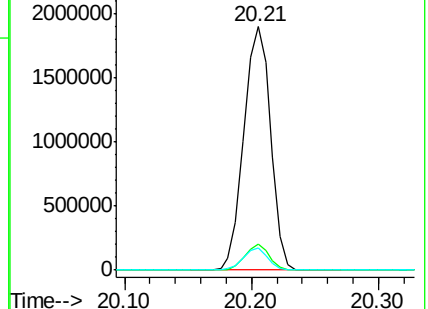
122 9.2 8.6 12.8

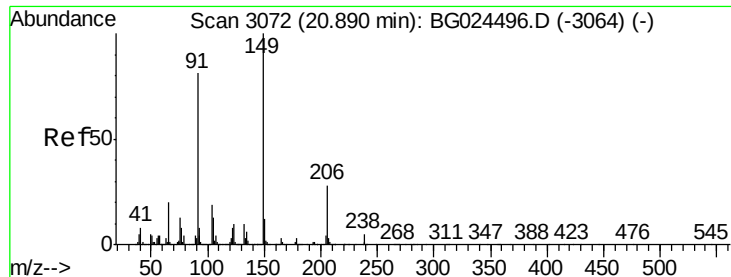


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

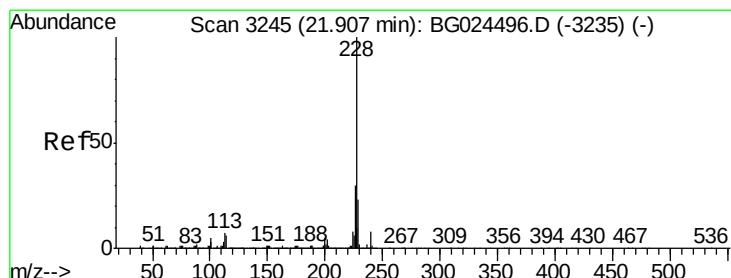
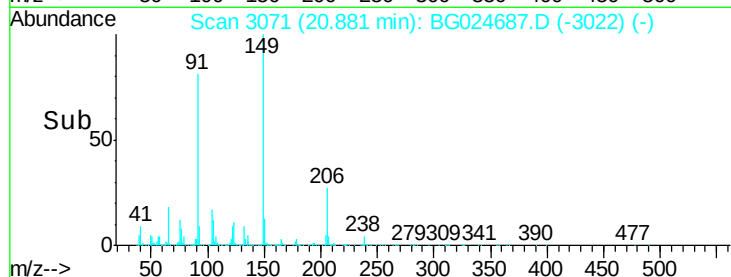
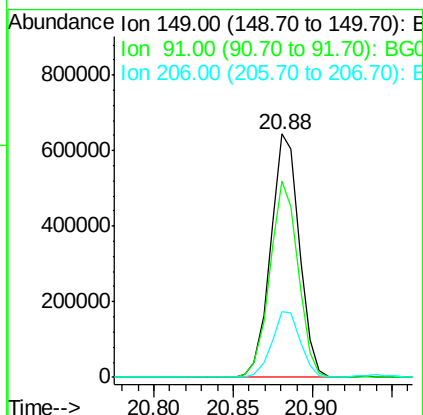
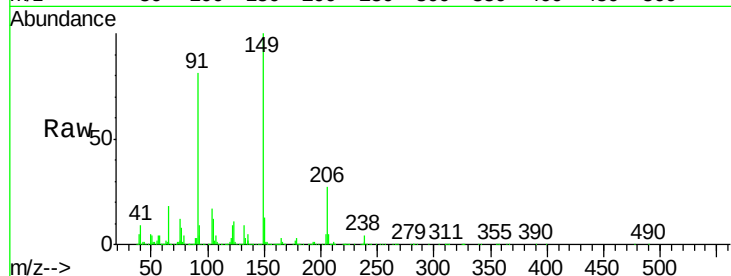




#79
Butylbenzylphthalate
Concen: 42.08 ng
RT: 20.88 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

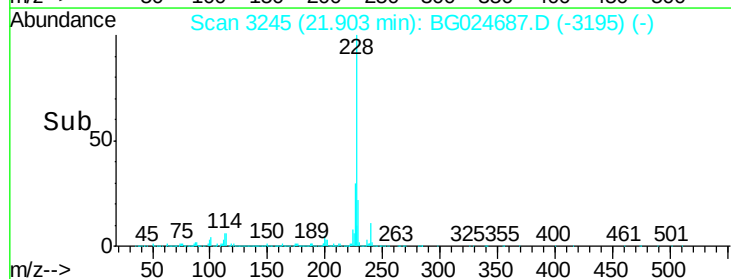
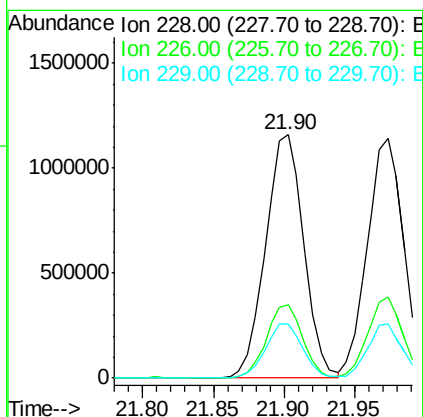
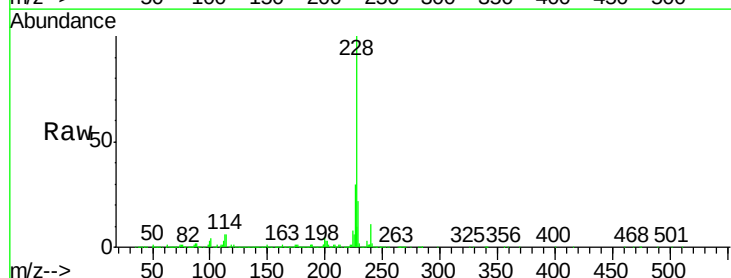
Instrument :
BNA_G
ClientSampleId :
PB94526BS

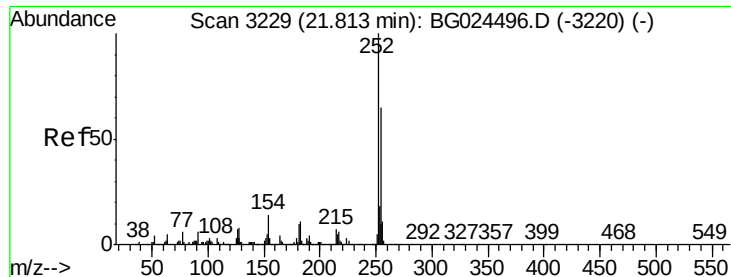
Tgt Ion:149 Resp: 809716
Ion Ratio Lower Upper
149 100
91 80.6 63.5 95.3
206 26.8 21.0 31.6



#80
Benzo(a)anthracene
Concen: 42.19 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024687.D
Acq: 4 Nov 2016 22:35

Tgt Ion:228 Resp: 2188112
Ion Ratio Lower Upper
228 100
226 30.2 24.9 37.3
229 22.2 18.2 27.2

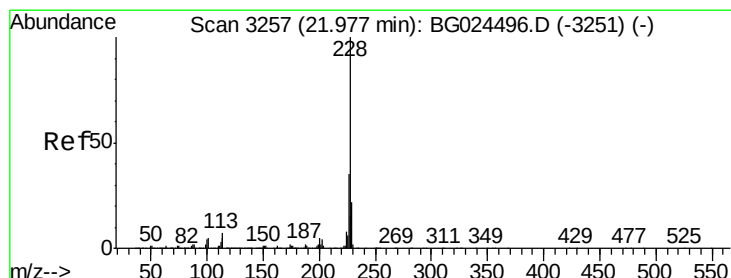
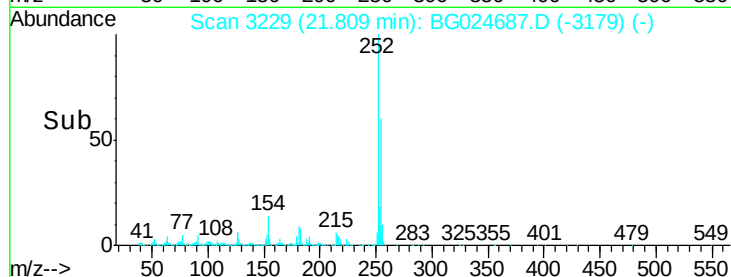
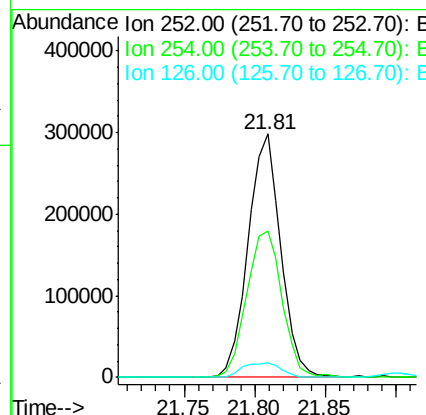
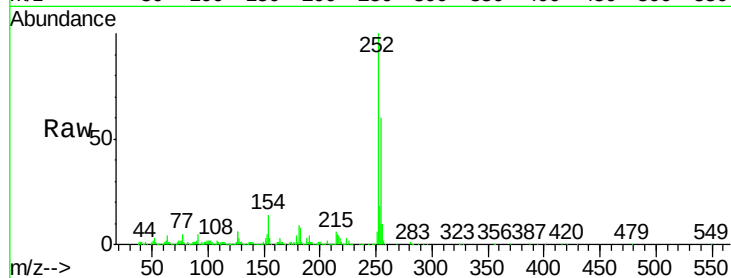




#81
 3,3'-Dichlorobenzidine
 Concen: 23.09 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

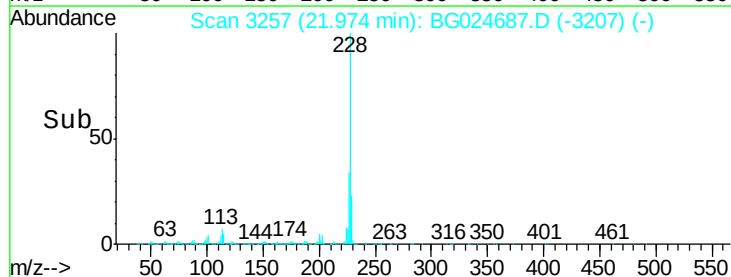
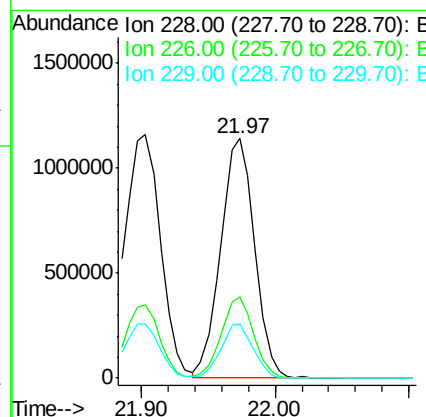
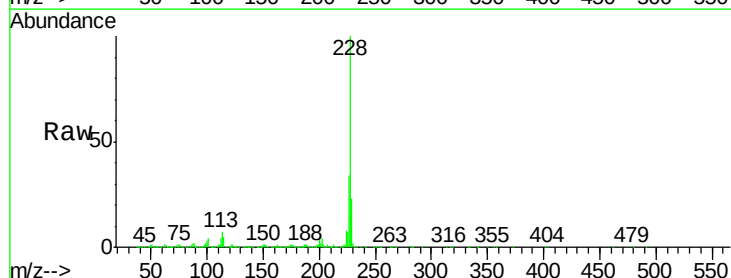
Instrument :
 BNA_G
 ClientSampleId :
 PB94526BS

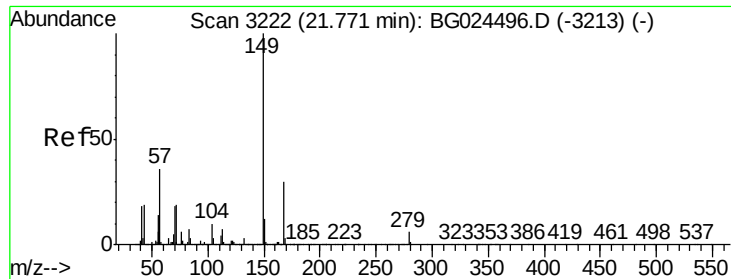
Tgt Ion: 252 Resp: 483133
 Ion Ratio Lower Upper
 252 100
 254 60.1 53.1 79.7
 126 6.0 7.0 10.4#



#82
 Chrysene
 Concen: 41.05 ng
 RT: 21.97 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG024687.D
 Acq: 4 Nov 2016 22:35

Tgt Ion: 228 Resp: 2027866
 Ion Ratio Lower Upper
 228 100
 226 33.6 27.0 40.4
 229 22.7 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.63 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

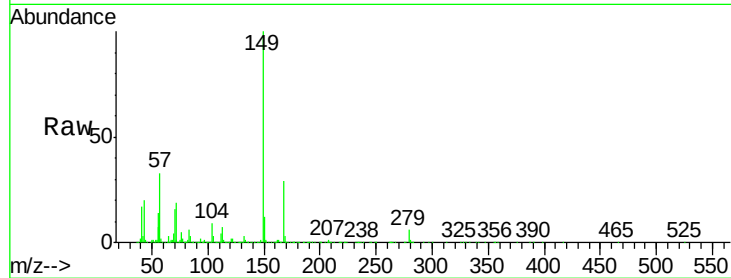
Tgt Ion:149 Resp: 1145964

Ion Ratio Lower Upper

149 100

167 29.2 23.7 35.5

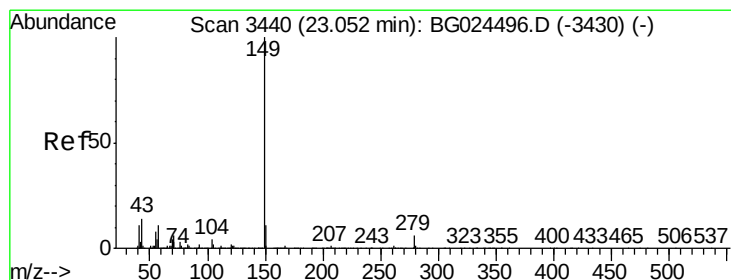
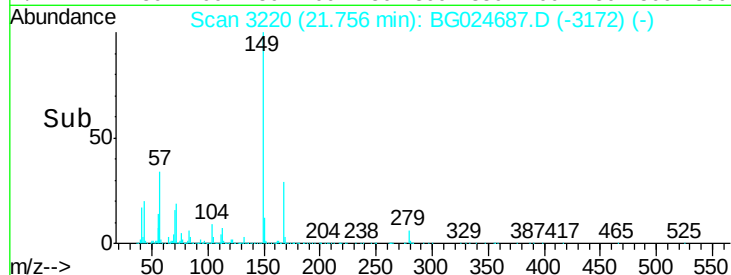
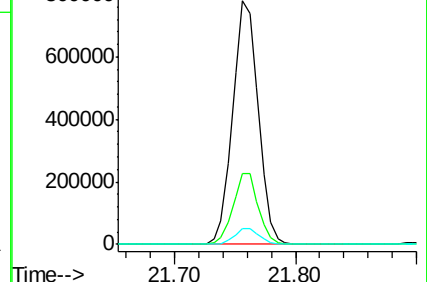
279 6.4 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.52 ng

RT: 23.04 min Scan# 3438

Delta R.T. -0.02 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

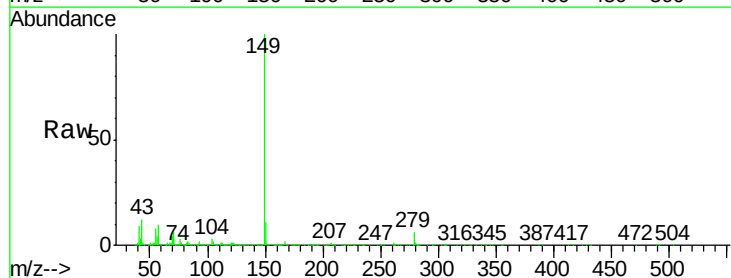
Tgt Ion:149 Resp: 1942181

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

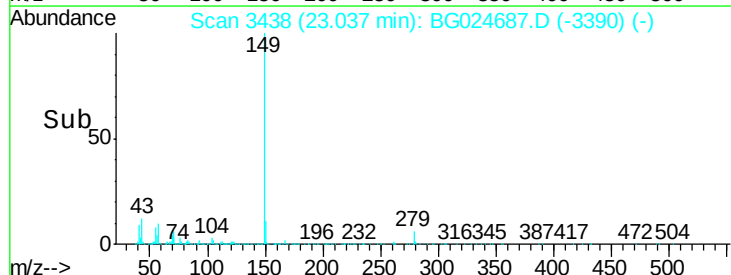
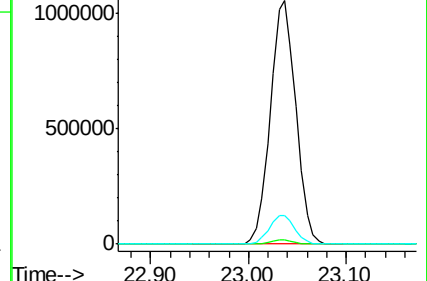
43 12.0 11.8 17.6

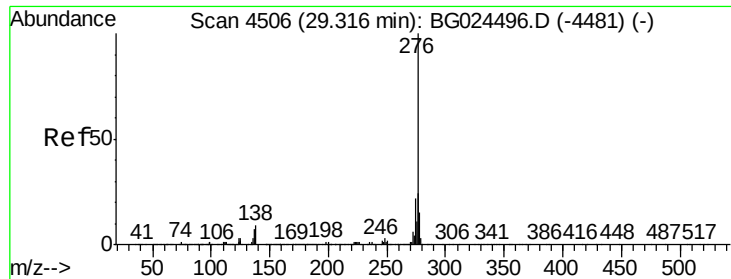


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.07 ng

RT: 29.29 min Scan# 4502

Delta R.T. -0.03 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

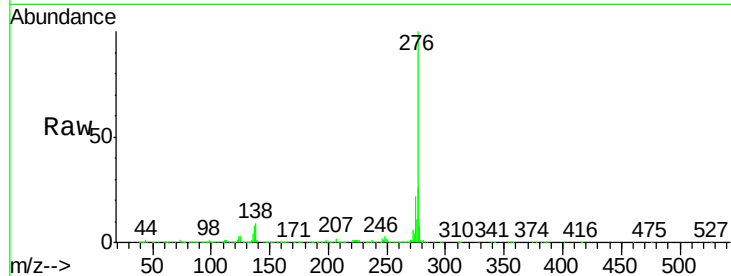
Tgt Ion:276 Resp: 2732000

Ion Ratio Lower Upper

276 100

138 5.0 4.7 7.1

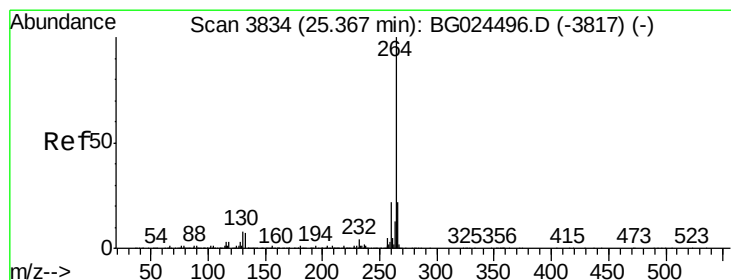
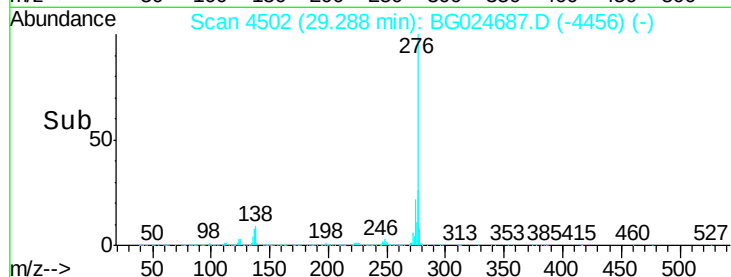
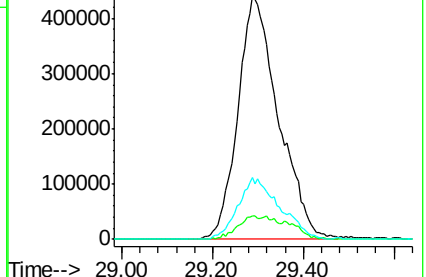
277 26.0 20.6 31.0



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# 3832

Delta R.T. -0.02 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

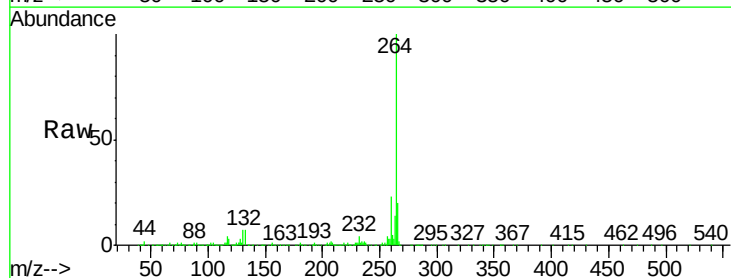
Tgt Ion:264 Resp: 991637

Ion Ratio Lower Upper

264 100

260 22.6 21.8 32.8

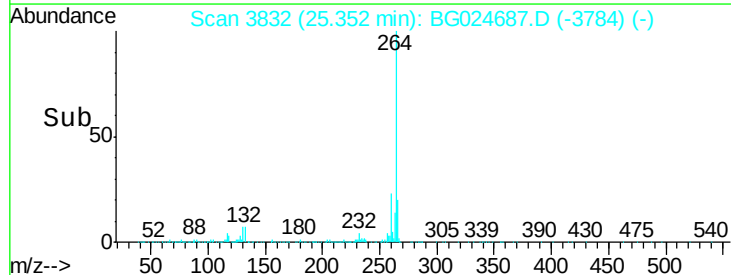
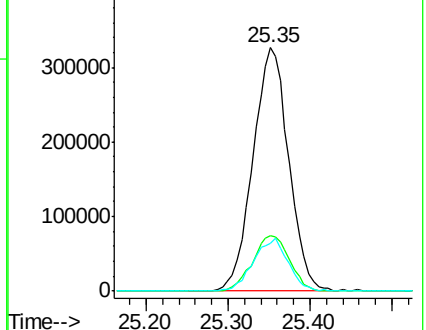
265 19.8 18.2 27.4

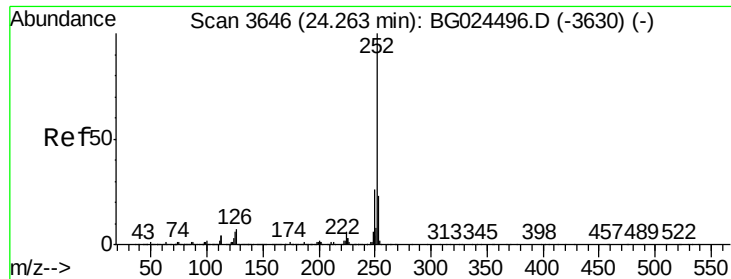


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.28 ng

RT: 24.33 min Scan# 3658

Delta R.T. 0.07 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

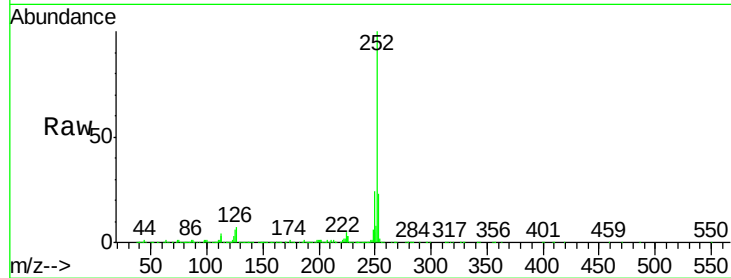
Tgt Ion:252 Resp: 2159103

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

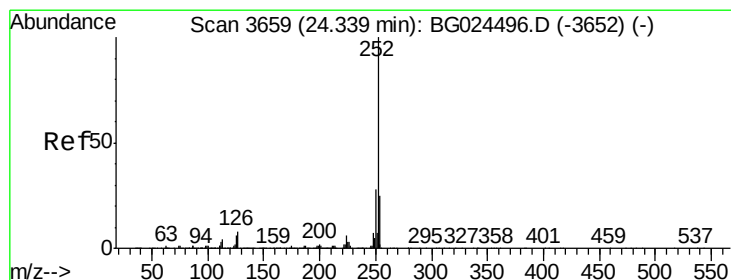
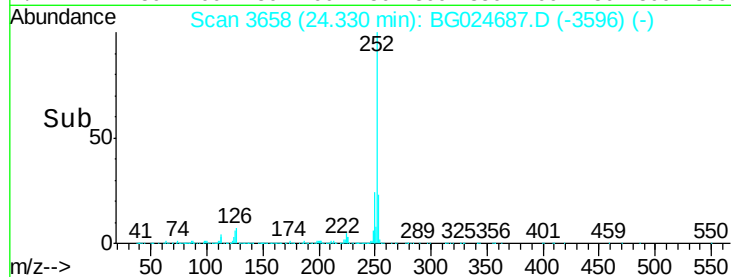
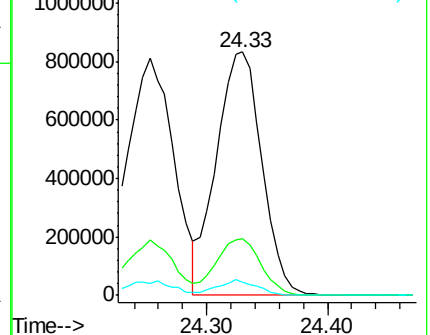
125 5.6 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.71 ng

RT: 24.33 min Scan# 3658

Delta R.T. -0.01 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

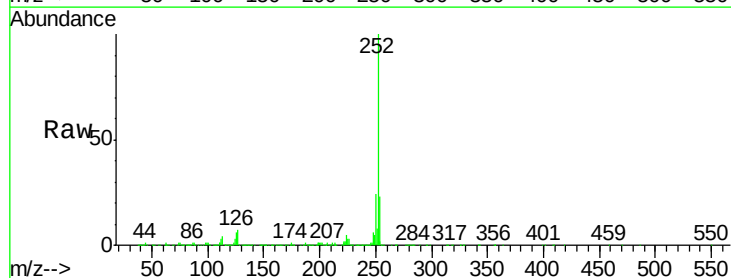
Tgt Ion:252 Resp: 2159103

Ion Ratio Lower Upper

252 100

253 23.4 20.2 30.2

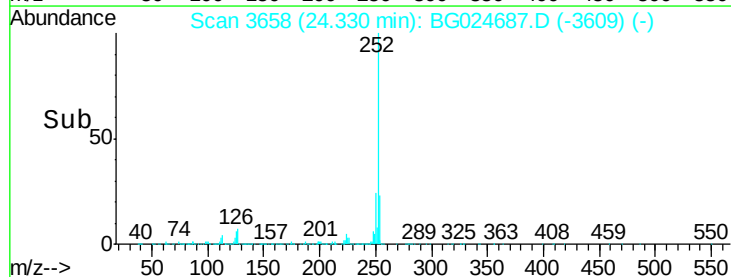
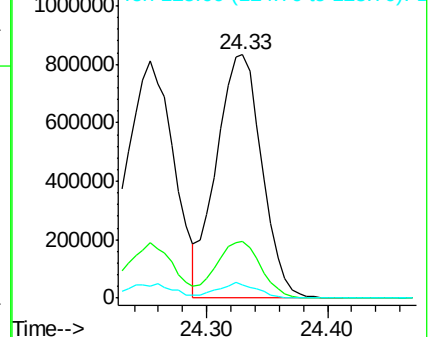
125 5.6 5.1 7.7

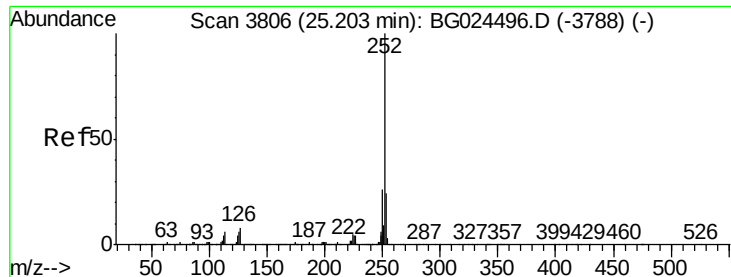


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.59 ng

RT: 25.19 min Scan# 3804

Delta R.T. -0.02 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

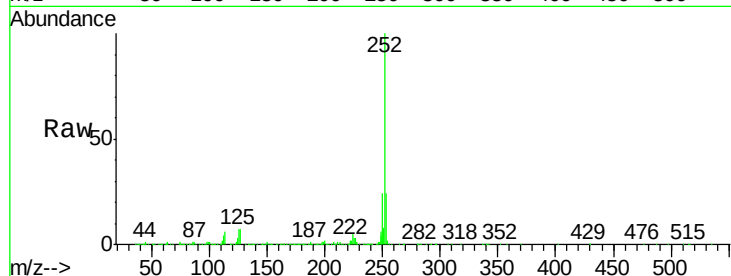
Tgt Ion:252 Resp: 2178134

Ion Ratio Lower Upper

252 100

253 24.5 19.2 28.8

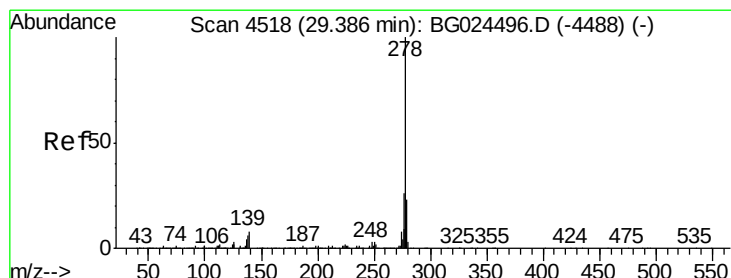
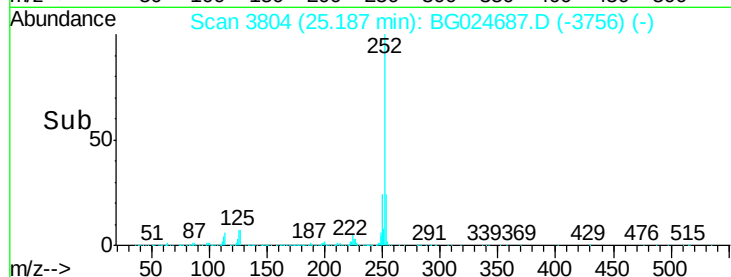
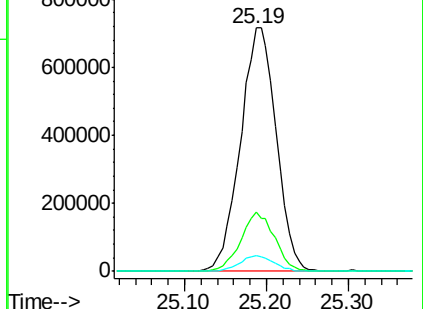
125 6.7 5.4 8.0



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: 39.32 ng

RT: 29.36 min Scan# 4515

Delta R.T. -0.02 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

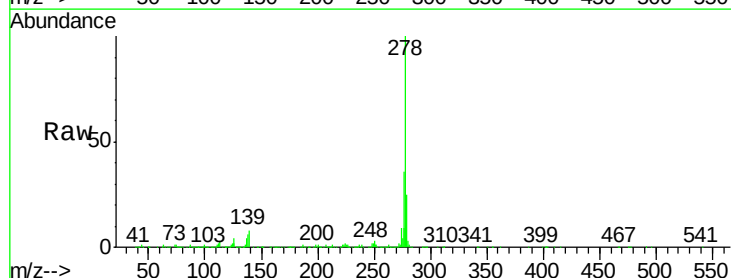
Tgt Ion:278 Resp: 2260145

Ion Ratio Lower Upper

278 100

139 8.5 7.7 11.5

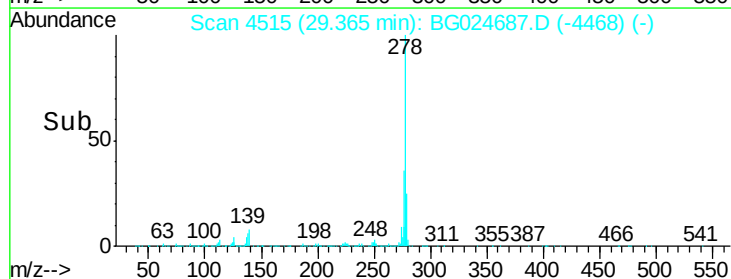
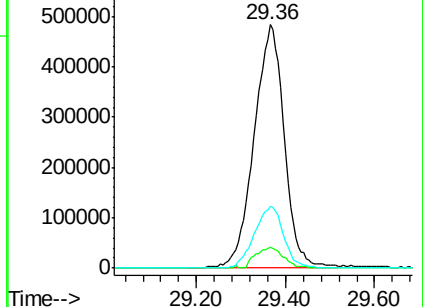
279 25.2 19.1 28.7

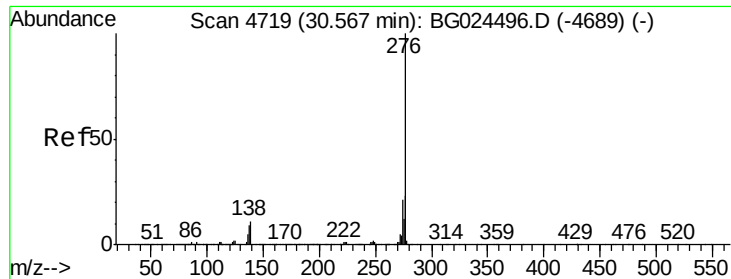


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.12 ng

RT: 30.53 min Scan# 4714

Delta R.T. -0.03 min

Lab File: BG024687.D

Acq: 4 Nov 2016 22:35

Instrument :

BNA_G

ClientSampleId :

PB94526BS

Tgt Ion:276 Resp: 2246530

Ion Ratio Lower Upper

276 100

277 24.8 18.6 27.8

138 9.7 8.1 12.1

