

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102616\
 Data File : BG024514.D
 Acq On : 26 Oct 2016 16:18
 Operator : UM/SJ
 Sample : PB94325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

Quant Time: Oct 26 17:40:20 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	115078	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	440290	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	335812	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	791321	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1108083	20.00	ng	0.00
86) Perylene-d12	25.36	264	1175295	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	472790	67.34	ng	0.00
7) Phenol-d6	7.41	99	676618	70.25	ng	0.00
23) Nitrobenzene-d5	9.44	82	827185	85.54	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	370972	73.94	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1717932	85.03	ng	0.00
78) Terphenyl-d14	20.21	244	2955911	79.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	99651	34.74	ng	98
3) Pyridine	4.07	79	311848	36.31	ng	97
4) n-Nitrosodimethylamine	3.99	42	189543	42.63	ng	89
6) Aniline	7.59	93	287398	23.55	ng	# 93
8) 2-Chlorophenol	7.83	128	309294	43.33	ng	99
9) Benzaldehyde	7.40	77	71605	12.03	ng	92
10) Phenol	7.43	94	463411	46.68	ng	99
11) bis(2-Chloroethyl)ether	7.68	93	314674	42.19	ng	88
12) 1,3-Dichlorobenzene	8.16	146	357955	40.50	ng	95
13) 1,4-Dichlorobenzene	8.30	146	363218	41.61	ng	97
14) 1,2-Dichlorobenzene	8.63	146	344969	41.10	ng	94
15) Benzyl Alcohol	8.50	79	382693	42.71	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.80	45	543465	39.27	ng	94
17) 2-Methylphenol	8.70	107	299648	45.55	ng	97
18) Hexachloroethane	9.36	117	134617	40.12	ng	95
19) n-Nitroso-di-n-propylamine	9.07	70	303685	42.78	ng	93
20) 3+4-Methylphenols	9.02	107	412565	46.71	ng	95
22) Acetophenone	9.10	105	498175	44.05	ng	95
24) Nitrobenzene	9.49	77	461091	42.86	ng	99
25) Isophorone	10.00	82	799594	44.45	ng	98
26) 2-Nitrophenol	10.20	139	179756	45.02	ng	99
27) 2,4-Dimethylphenol	10.24	122	352406	50.41	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	438728	47.14	ng	99
29) 2,4-Dichlorophenol	10.73	162	348386	47.48	ng	94
30) 1,2,4-Trichlorobenzene	10.95	180	372812	42.83	ng	98
31) Naphthalene	11.15	128	934202	42.54	ng	99
32) Benzoic acid	10.36	122	225782	38.78	ng	88
33) 4-Chloroaniline	11.25	127	156656	16.43	ng	93
34) Hexachlorobutadiene	11.42	225	288576	42.36	ng	97
35) Caprolactam	12.02	113	72254	26.90	ng	# 92
36) 4-Chloro-3-methylphenol	12.34	107	409523	46.23	ng	98
37) 2-Methylnaphthalene	12.73	142	708965	44.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	477242	42.14	ng	99
40) Hexachlorocyclopentadiene	13.06	237	722336	113.25	ng	95

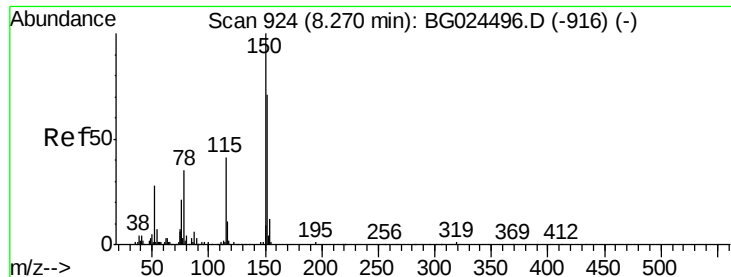
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102616\
 Data File : BG024514.D
 Acq On : 26 Oct 2016 16:18
 Operator : UM/SJ
 Sample : PB94325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

Quant Time: Oct 26 17:40:20 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)
42) 2,4,6-Trichlorophenol	13.32	196	321314	47.20	ng	99
43) 2,4,5-Trichlorophenol	13.39	196	343239	46.63	ng	95
45) 1,1'-Biphenyl	13.72	154	994859	42.69	ng	96
46) 2-Chloronaphthalene	13.77	162	779550	43.93	ng	99
47) 2-Nitroaniline	13.97	65	327820	45.12	ng	98
48) Acenaphthylene	14.62	152	1199808	44.09	ng	98
49) Dimethylphthalate	14.33	163	1080601	45.33	ng	98
50) 2,6-Dinitrotoluene	14.46	165	242920	47.73	ng	94
51) Acenaphthene	14.95	154	784063	38.65	ng	99
52) 3-Nitroaniline	14.79	138	118604	22.52	ng	90
53) 2,4-Dinitrophenol	14.99	184	327560	88.82	ng	90
54) Dibenzofuran	15.28	168	1285549	45.84	ng	97
55) 4-Nitrophenol	15.07	139	434641	94.73	ng	93
56) 2,4-Dinitrotoluene	15.24	165	354712	47.96	ng	# 97
57) Fluorene	15.93	166	1057174	45.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	369670	48.44	ng	96
59) Diethylphthalate	15.68	149	1140688	45.64	ng	96
60) 4-Chlorophenyl-phenylether	15.91	204	590713	45.27	ng	99
61) 4-Nitroaniline	15.95	138	243872	42.39	ng	94
62) Azobenzene	16.21	77	1182369	47.43	ng	98
64) 4,6-Dinitro-2-methylphenol	16.00	198	239401	43.91	ng	96
65) n-Nitrosodiphenylamine	16.13	169	985520	45.56	ng	99
66) 4-Bromophenyl-phenylether	16.81	248	431302	44.90	ng	96
67) Hexachlorobenzene	16.92	284	466749	43.97	ng	94
68) Atrazine	17.07	200	444407	47.89	ng	100
69) Pentachlorophenol	17.27	266	639414	91.29	ng	93
70) Phenanthrene	17.67	178	1794870	44.50	ng	98
71) Anthracene	17.76	178	1842547	45.28	ng	98
72) Carbazole	18.03	167	1657252	44.66	ng	99
73) Di-n-butylphthalate	18.56	149	1906336	44.55	ng	99
74) Fluoranthene	19.66	202	2267644	44.47	ng	97
76) Benzidine	19.84	184	763995	29.26	ng	95
77) Pyrene	20.03	202	2320635	42.84	ng	98
79) Butylbenzylphthalate	20.89	149	992763	43.96	ng	97
80) Benzo(a)anthracene	21.91	228	2594746	42.63	ng	98
81) 3,3'-Dichlorobenzidine	21.81	252	535723	21.81	ng	99
82) Chrysene	21.98	228	2435099	42.00	ng	98
83) Bis(2-ethylhexyl)phthalate	21.77	149	1401532	43.38	ng	99
84) Di-n-octyl phthalate	23.05	149	2389819	44.58	ng	95
85) Indeno(1,2,3-cd)pyrene	29.31	276	3446971	43.07	ng	# 76
87) Benzo(b)fluoranthene	24.26	252	2805059	44.15	ng	98
88) Benzo(k)fluoranthene	24.33	252	2609816	42.54	ng	99
89) Benzo(a)pyrene	25.20	252	2677623	43.13	ng	98
90) Dibenzo(a,h)anthracene	29.37	278	2896559	42.51	ng	99
91) Benzo(g,h,i)perylene	30.56	276	2870069	42.17	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: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

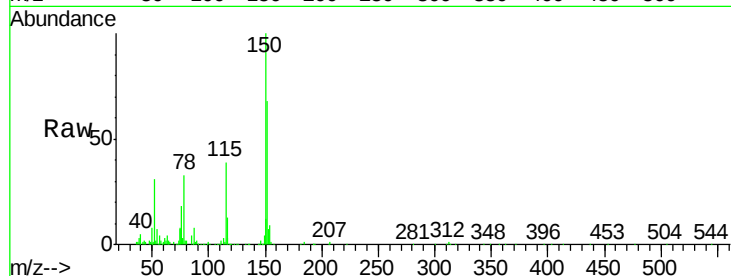
Tgt Ion:152 Resp: 115078

Ion Ratio Lower Upper

152 100

150 146.3 114.0 171.0

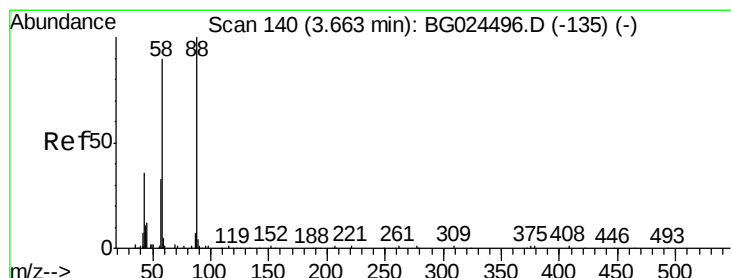
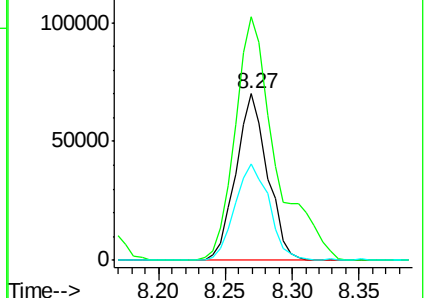
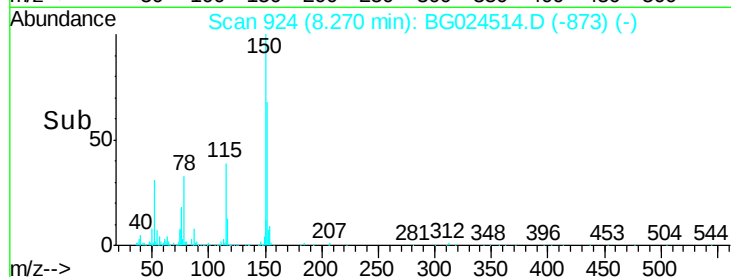
115 57.7 48.1 72.1



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: 34.74 ng

RT: 3.66 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

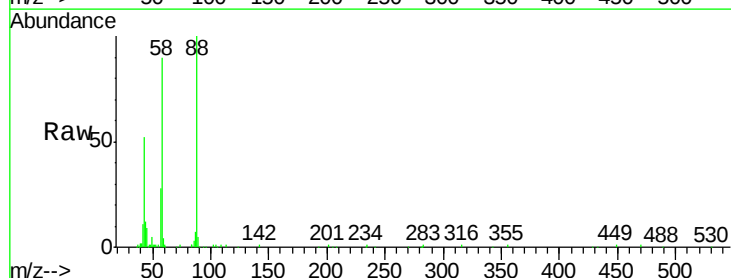
Tgt Ion: 88 Resp: 99651

Ion Ratio Lower Upper

88 100

58 100.0 79.4 119.2

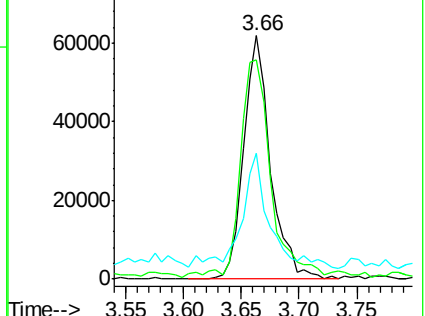
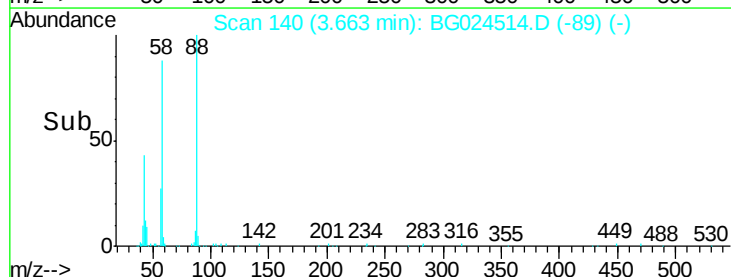
43 45.8 33.8 50.6

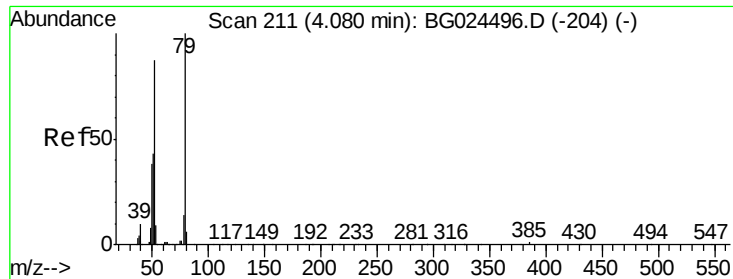


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.31 ng

RT: 4.07 min Scan# 209

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

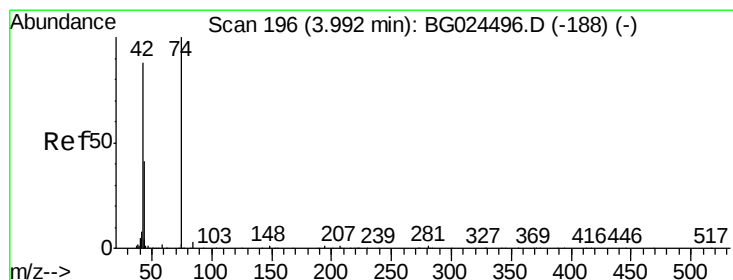
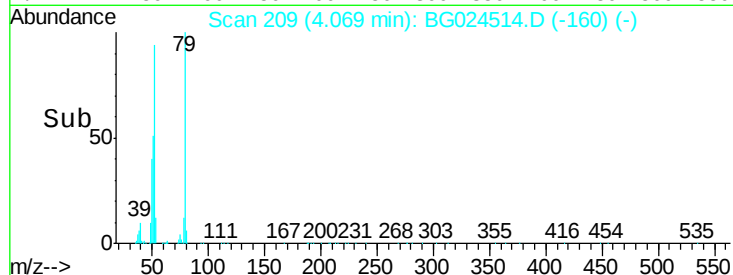
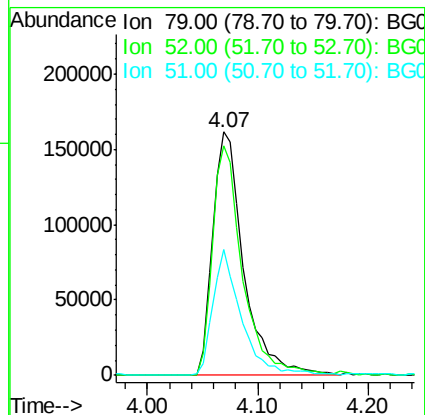
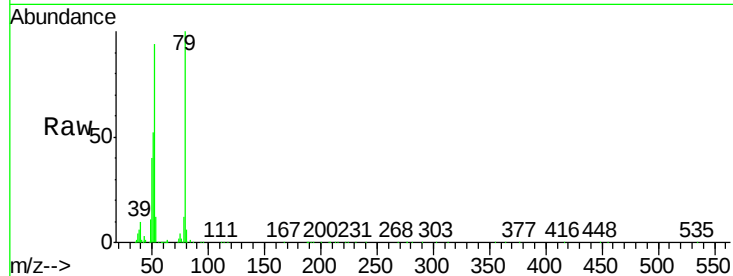
Tgt Ion: 79 Resp: 311848

Ion Ratio Lower Upper

79 100

52 94.5 77.8 116.6

51 51.8 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 42.63 ng

RT: 3.99 min Scan# 195

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

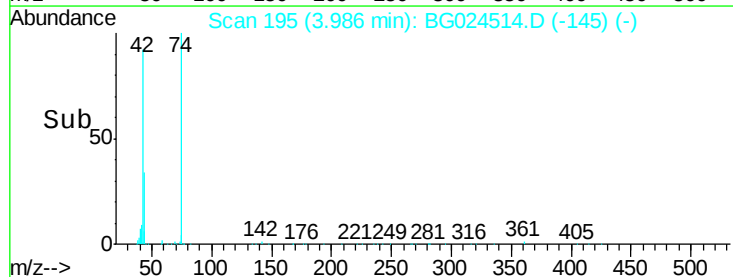
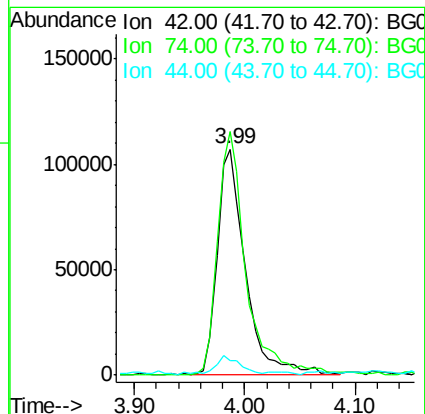
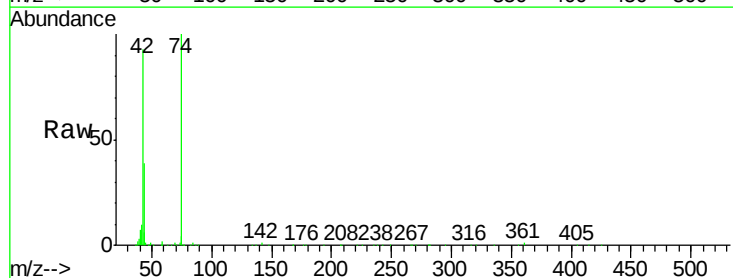
Tgt Ion: 42 Resp: 189543

Ion Ratio Lower Upper

42 100

74 107.8 76.7 115.1

44 6.7 6.1 9.1





#5

2-Fluorophenol

Concen: 67.34 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

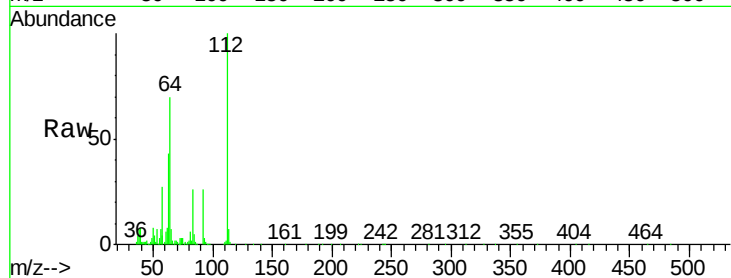
Tgt Ion: 112 Resp: 472790

Ion Ratio Lower Upper

112 100

64 70.5 61.8 92.6

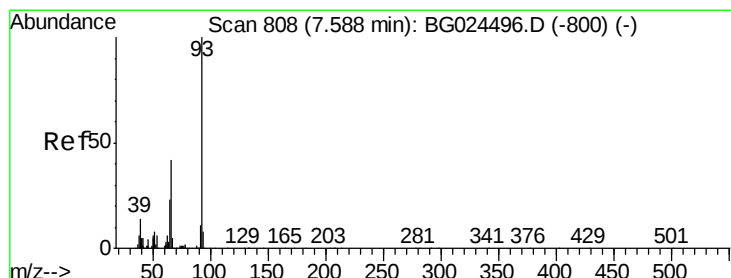
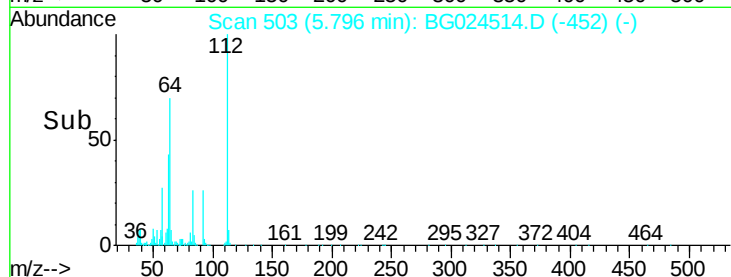
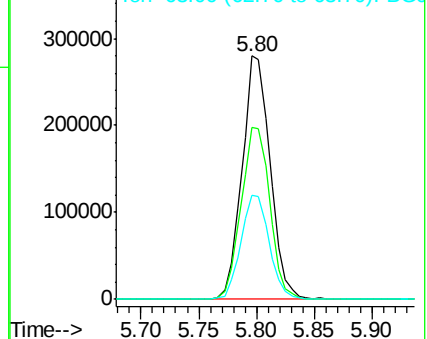
63 43.0 37.2 55.8



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: 23.55 ng

RT: 7.59 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

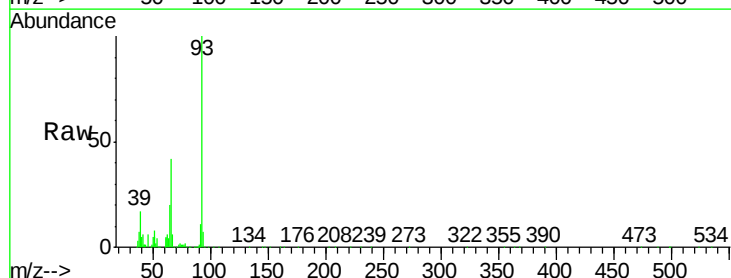
Tgt Ion: 93 Resp: 287398

Ion Ratio Lower Upper

93 100

66 41.8 35.4 53.2

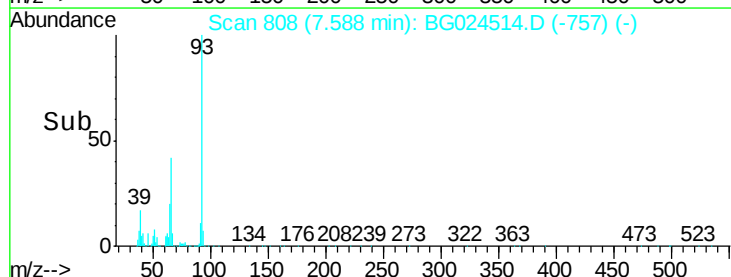
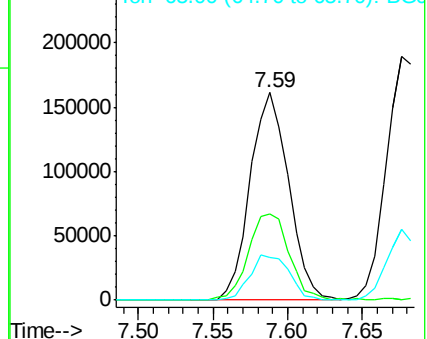
65 20.3 21.2 31.8#

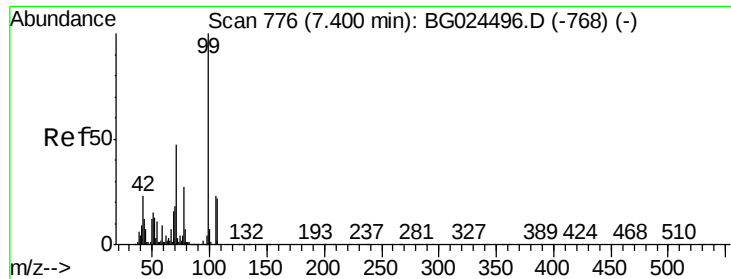


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 70.25 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

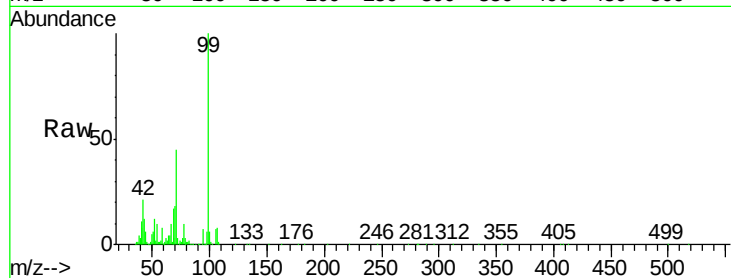
Tgt Ion: 99 Resp: 676618

Ion Ratio Lower Upper

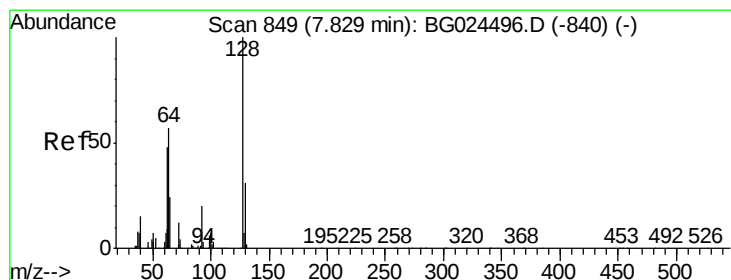
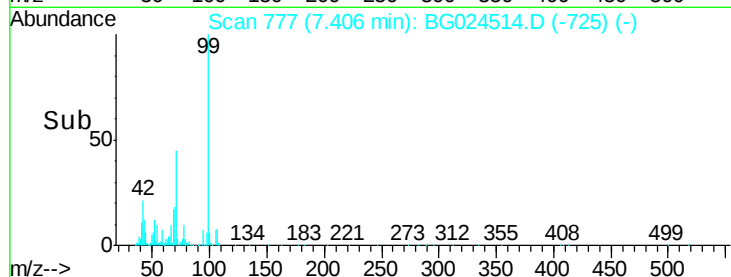
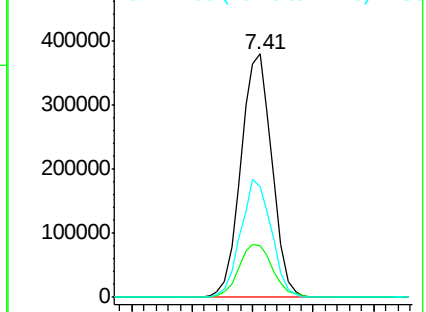
99 100

42 21.0 20.5 30.7

71 45.4 37.6 56.4



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



#8

2-Chlorophenol

Concen: 43.33 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

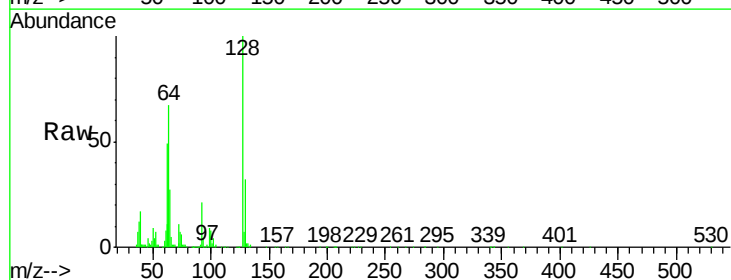
Tgt Ion: 128 Resp: 309294

Ion Ratio Lower Upper

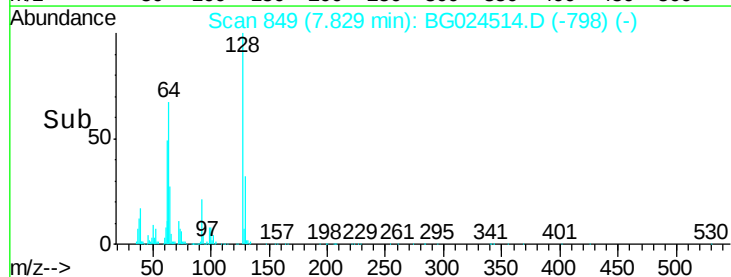
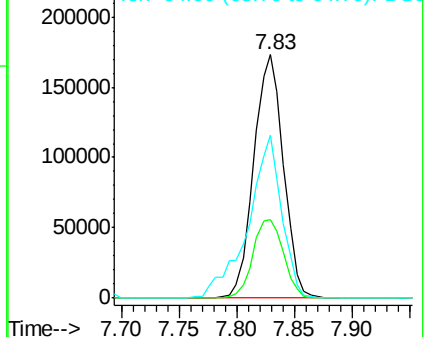
128 100

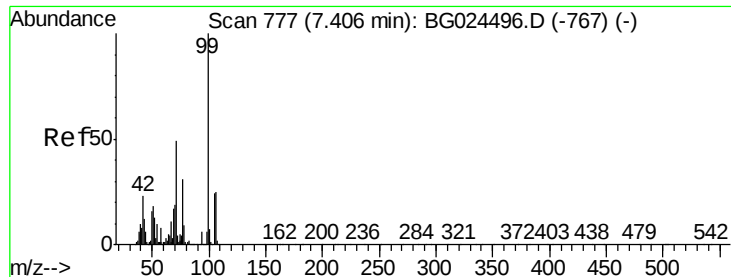
130 32.0 11.4 51.4

64 66.8 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: 12.03 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

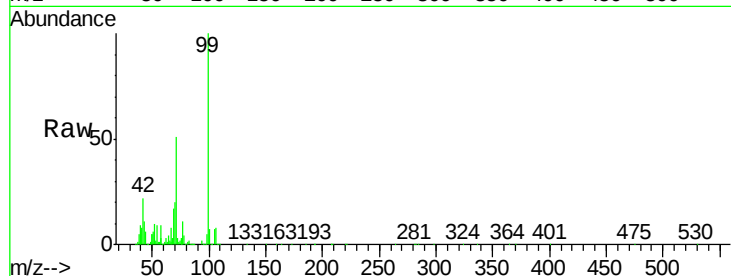
Tgt Ion: 77 Resp: 71605

Ion Ratio Lower Upper

77 100

105 68.0 60.9 100.9

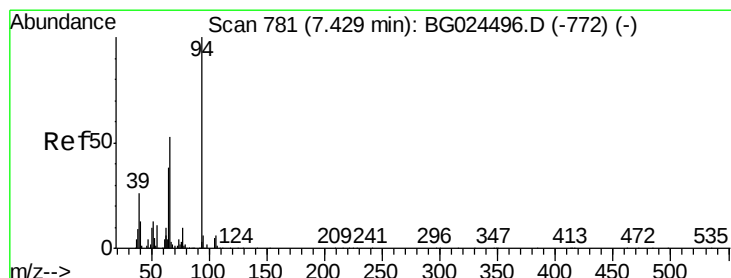
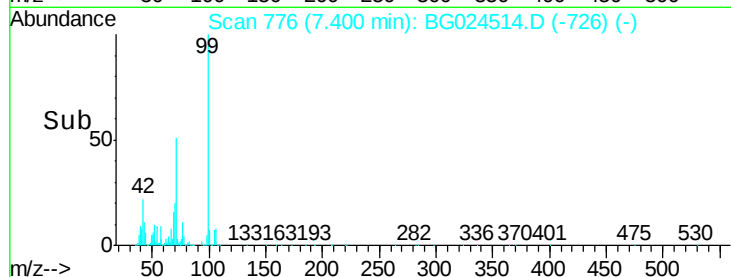
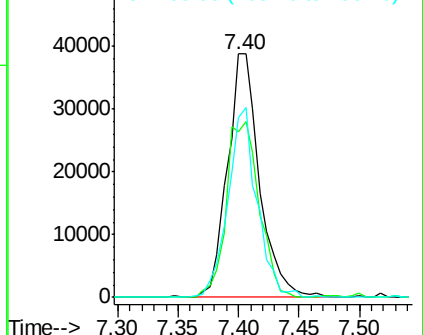
106 73.9 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.68 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

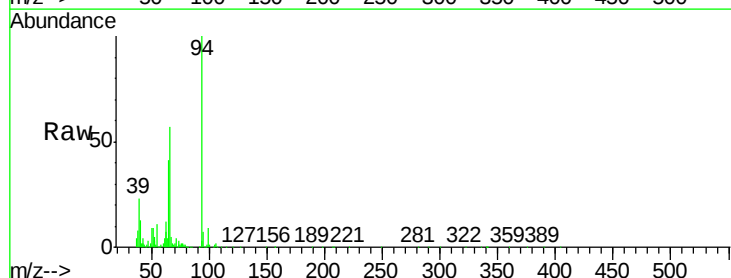
Tgt Ion: 94 Resp: 463411

Ion Ratio Lower Upper

94 100

65 41.3 20.6 60.6

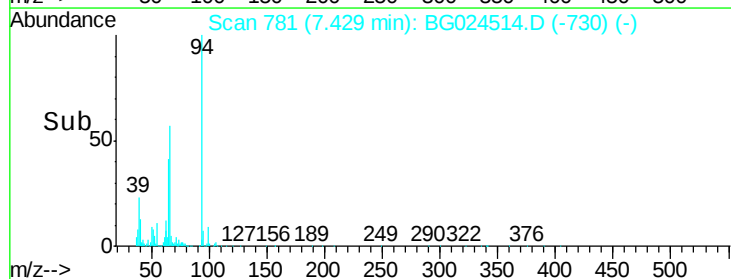
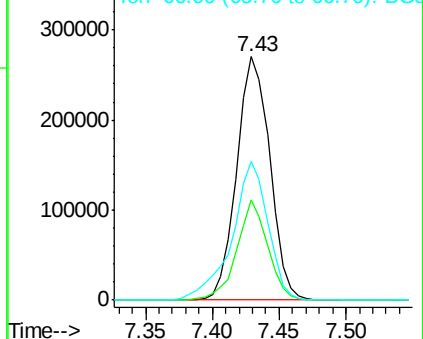
66 56.8 35.5 75.5

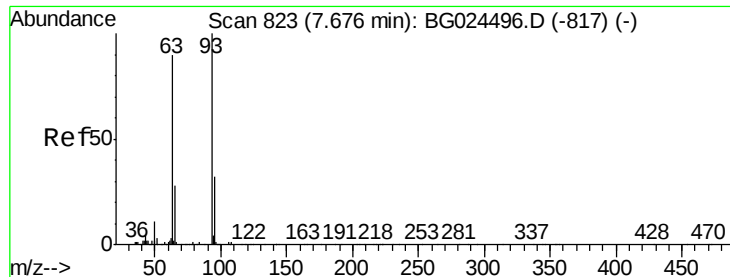


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

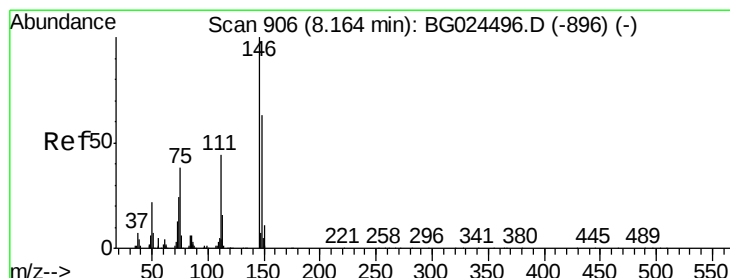
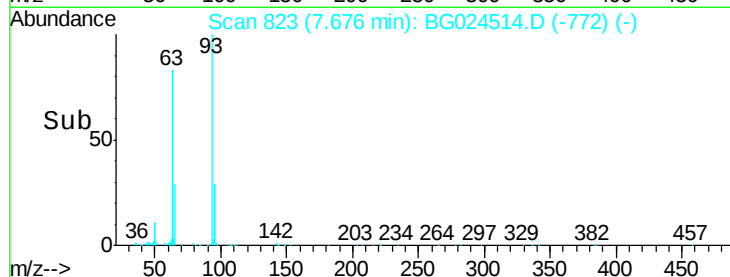
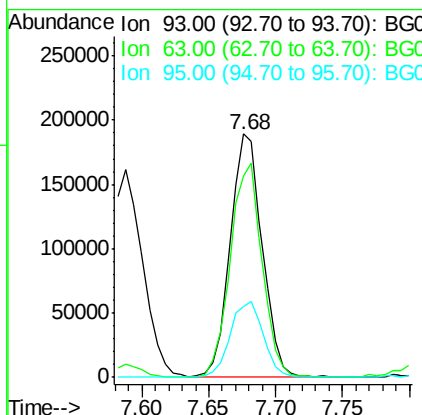
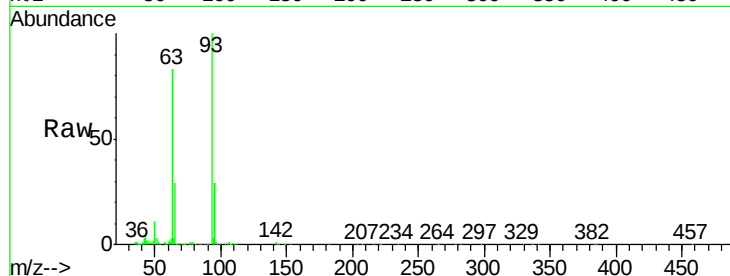




#11
 bis(2-Chloroethyl)ether
 Concen: 42.19 ng
 RT: 7.68 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

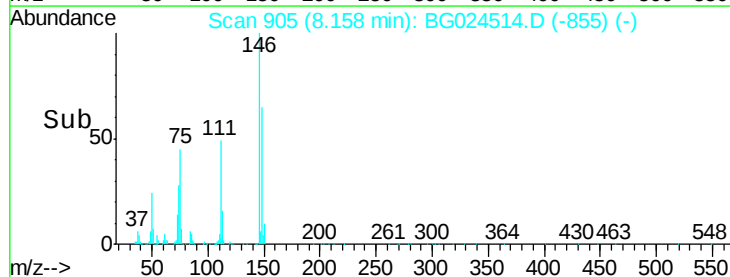
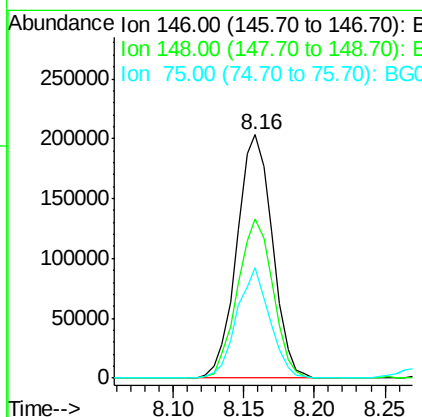
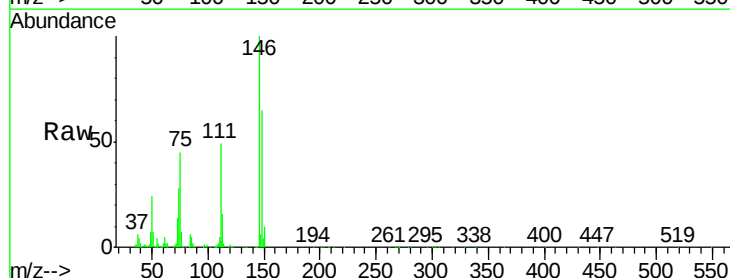
Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

Tgt Ion: 93 Resp: 314674
 Ion Ratio Lower Upper
 93 100
 63 82.9 78.5 118.5
 95 28.9 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 40.50 ng
 RT: 8.16 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion: 146 Resp: 357955
 Ion Ratio Lower Upper
 146 100
 148 65.1 49.2 73.8
 75 45.3 33.4 50.2

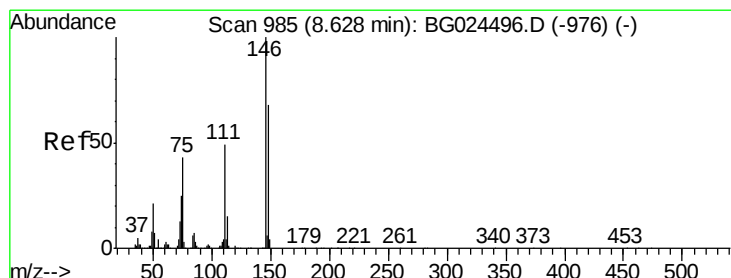
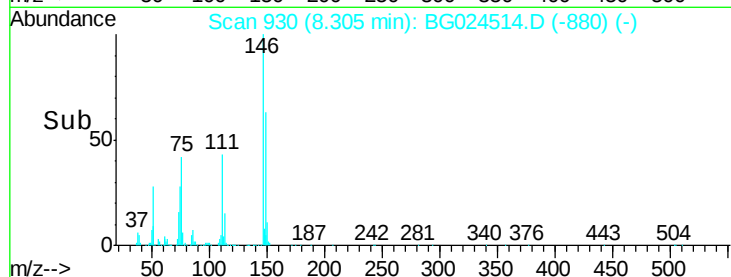
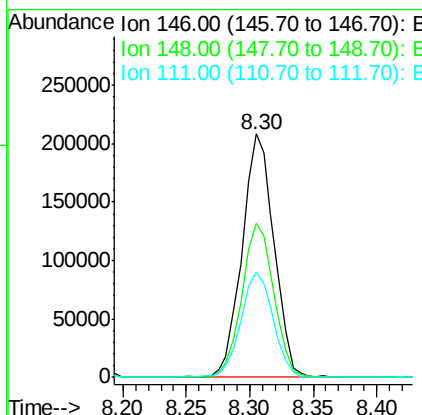
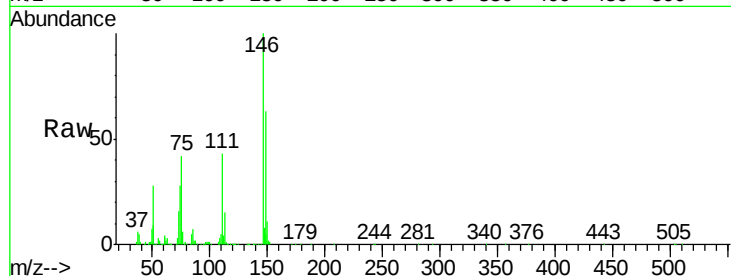




#13
 1,4-Dichlorobenzene
 Concen: 41.61 ng
 RT: 8.30 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

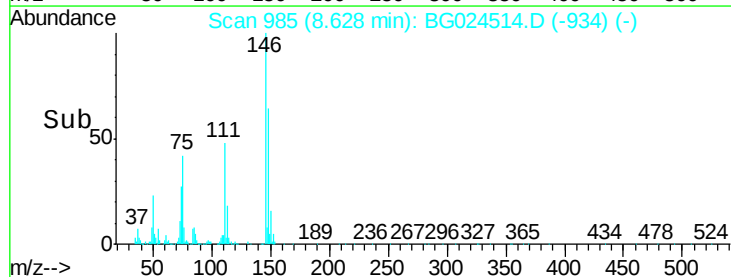
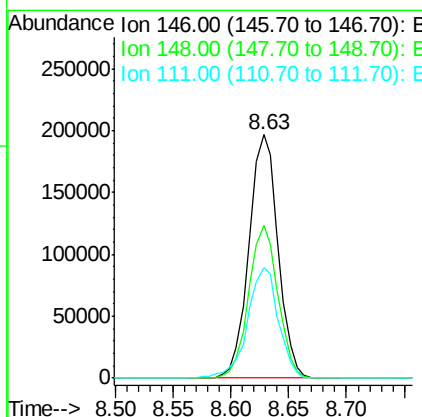
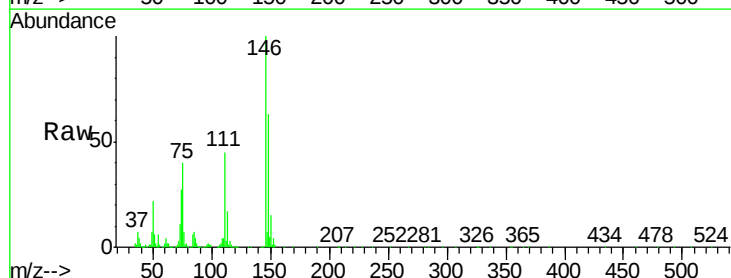
Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

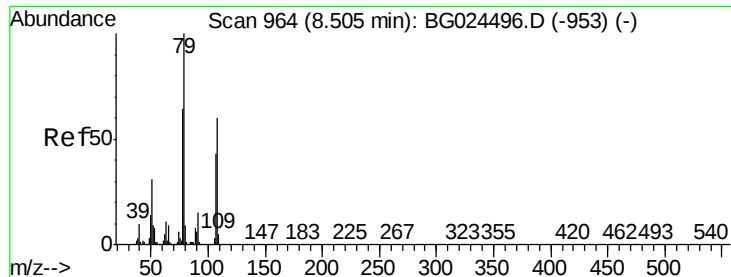
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	43.4	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 41.10 ng
 RT: 8.63 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	54.6	81.8
111	45.4	39.7	59.5





#15

Benzyl Alcohol

Concen: 42.71 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

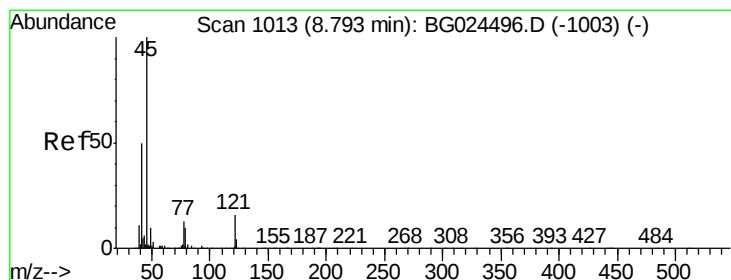
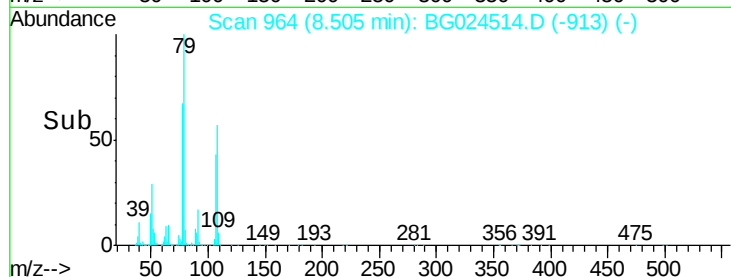
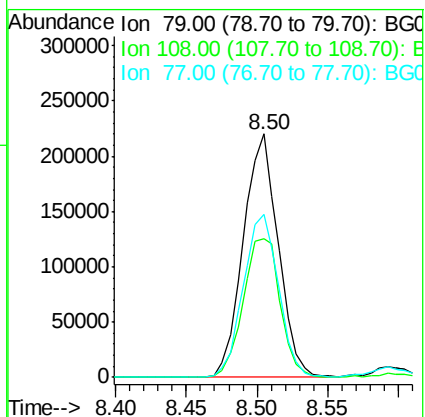
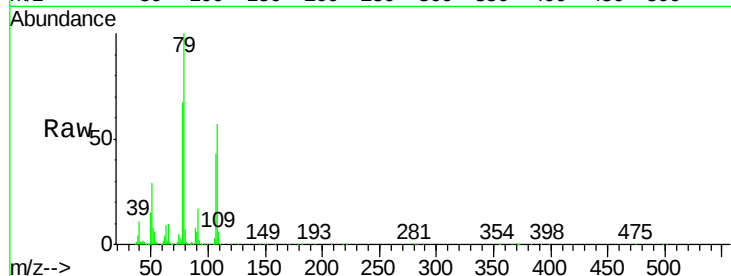
Tgt Ion: 79 Resp: 382693

Ion Ratio Lower Upper

79 100

108 56.9 45.5 68.3

77 67.2 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.27 ng

RT: 8.80 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

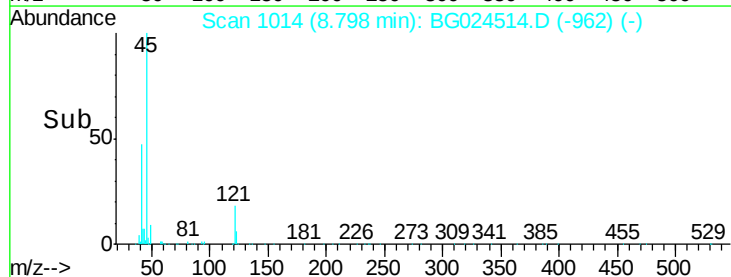
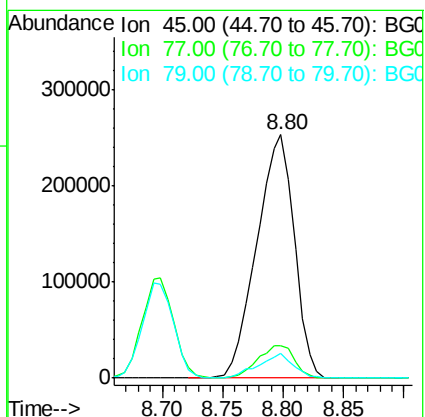
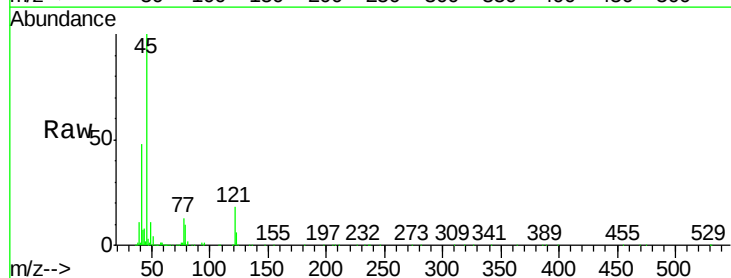
Tgt Ion: 45 Resp: 543465

Ion Ratio Lower Upper

45 100

77 13.3 0.0 30.6

79 10.1 0.0 28.5





#17

2-Methylphenol

Concen: 45.55 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

Tgt Ion:107 Resp: 299648

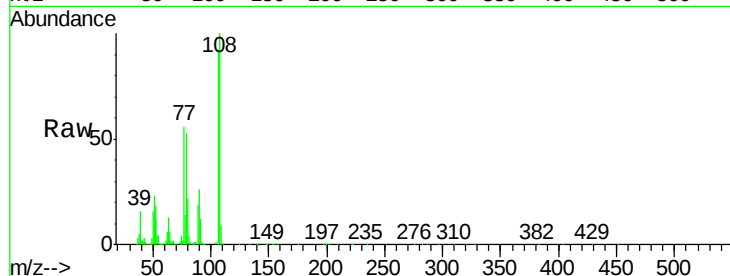
Ion Ratio Lower Upper

107 100

108 108.9 85.6 128.4

77 61.4 51.4 77.2

79 58.2 49.2 73.8

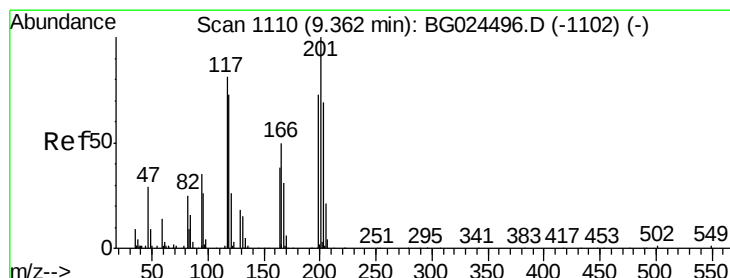
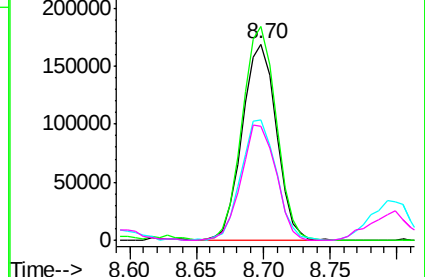
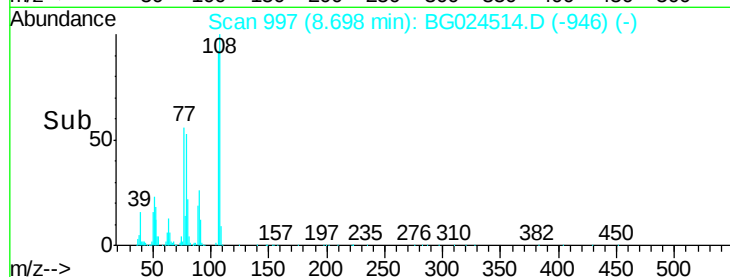


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.12 ng

RT: 9.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

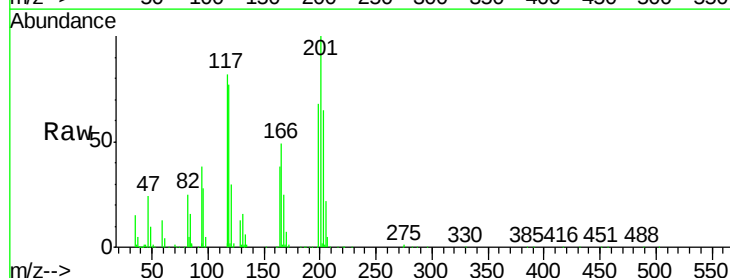
Tgt Ion:117 Resp: 134617

Ion Ratio Lower Upper

117 100

119 94.3 69.8 104.6

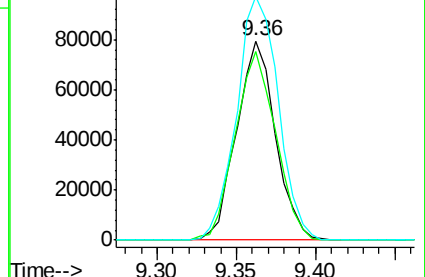
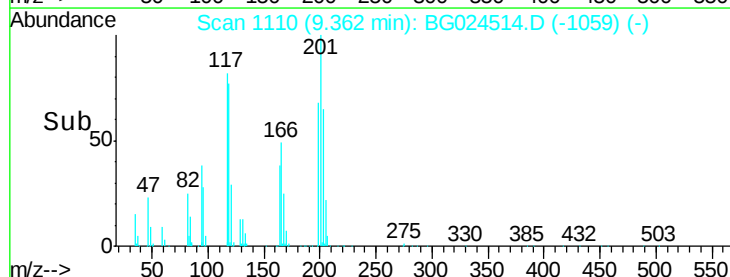
201 122.1 95.4 143.0

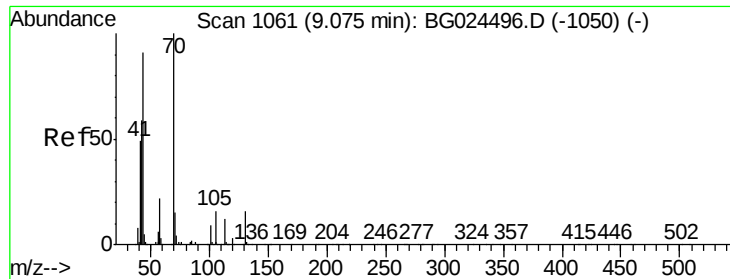


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

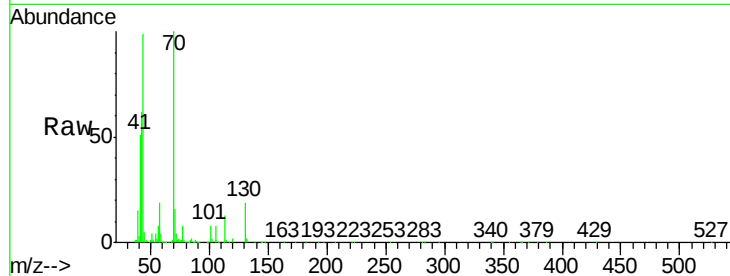




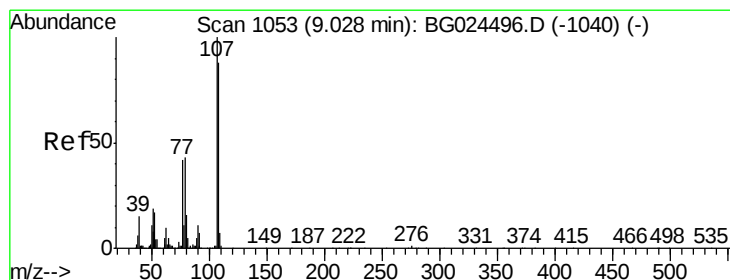
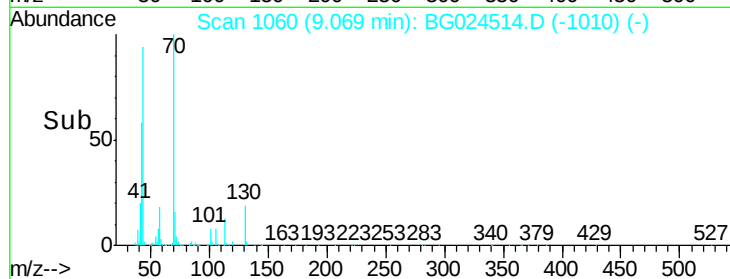
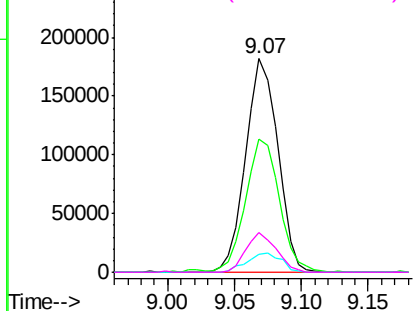
#19
n-Nitroso-di-n-propylamine
Concen: 42.78 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Instrument :
BNA_G
ClientSampleId :
PB94325BS

Tgt Ion:	70	Resp:	303685
Ion	Ratio	Lower	Upper
70	100		
42	62.1	56.1	84.1
101	8.3	7.5	11.3
130	18.7	14.6	21.8

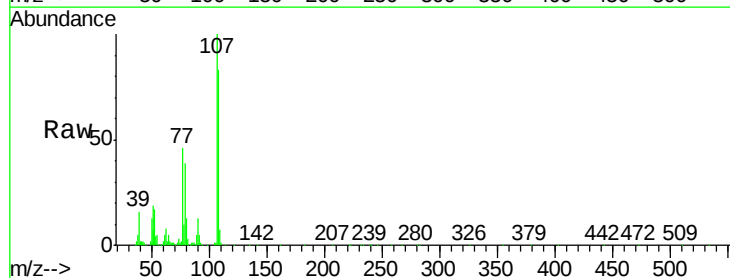


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

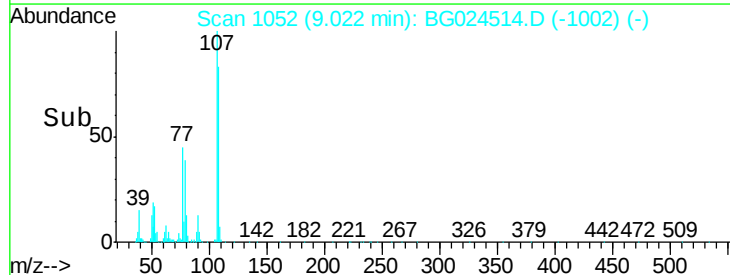
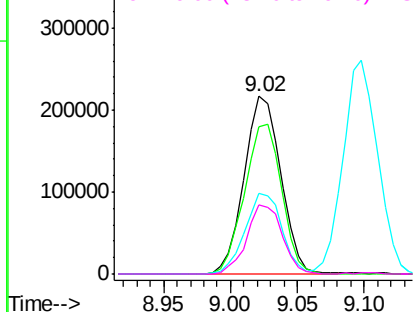


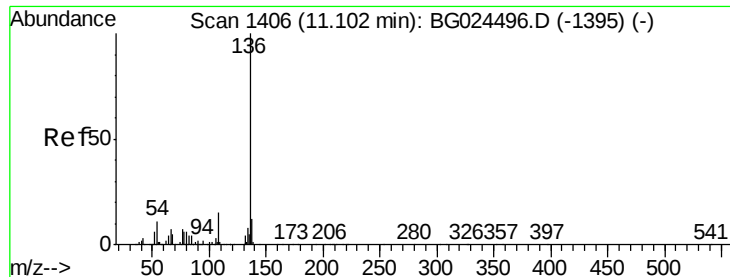
#20
3+4-Methylphenols
Concen: 46.71 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Tgt Ion:	107	Resp:	412565
Ion	Ratio	Lower	Upper
107	100		
108	83.1	70.8	110.8
77	45.6	25.8	65.8
79	39.3	20.1	60.1



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

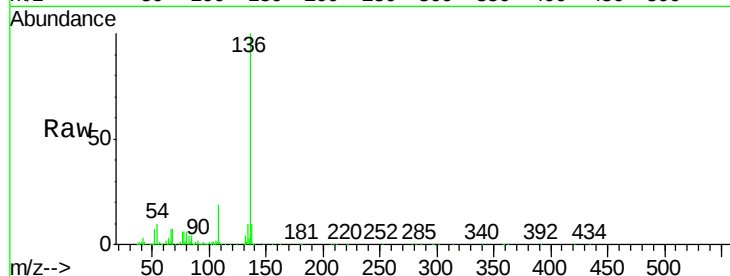




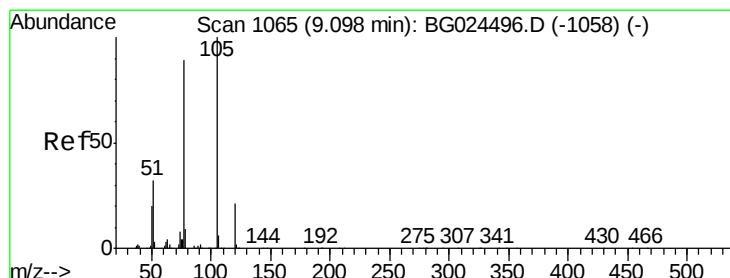
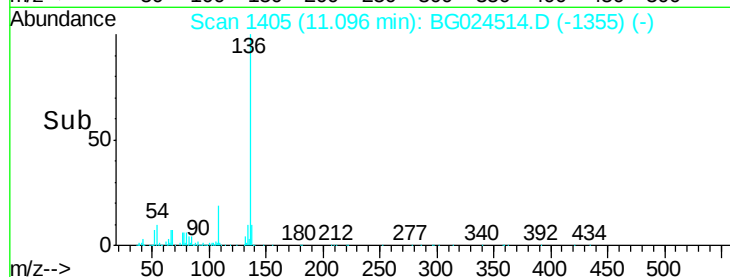
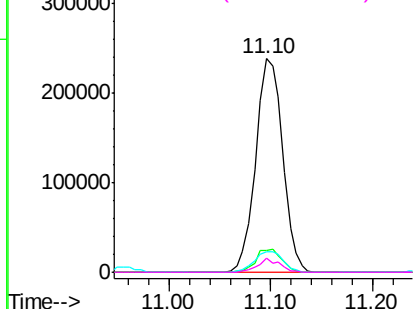
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Instrument :
BNA_G
ClientSampleId :
PB94325BS

Tgt Ion:	136	Resp:	440290
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	9.8	9.3	13.9
68	6.6	5.1	7.7

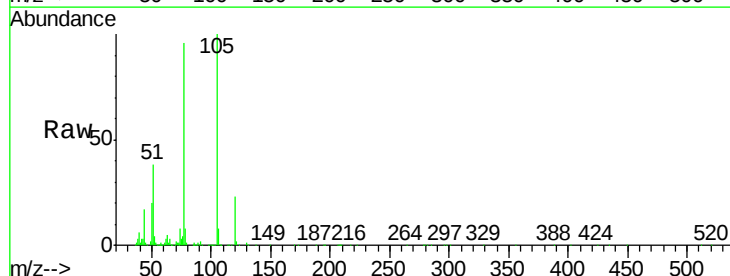


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

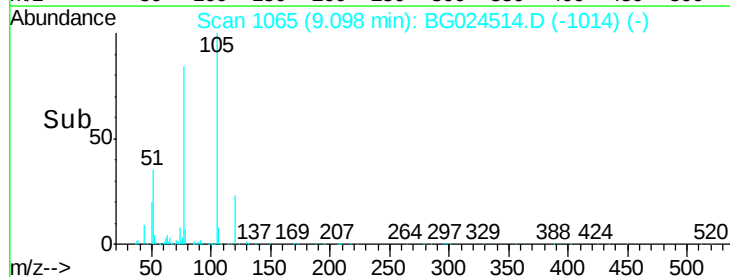
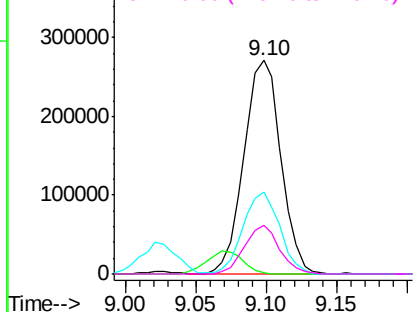


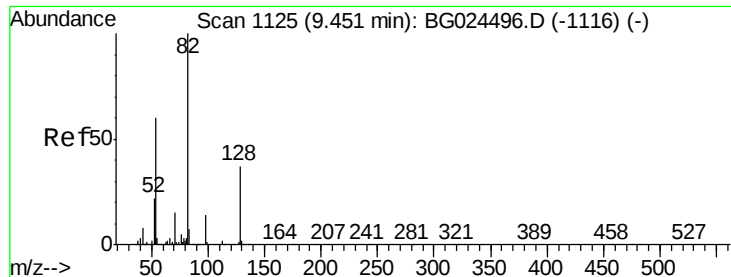
#22
Acetophenone
Concen: 44.05 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Tgt Ion:	105	Resp:	498175
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.9	1.3
51	38.1	34.0	51.0
120	22.9	17.3	25.9



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

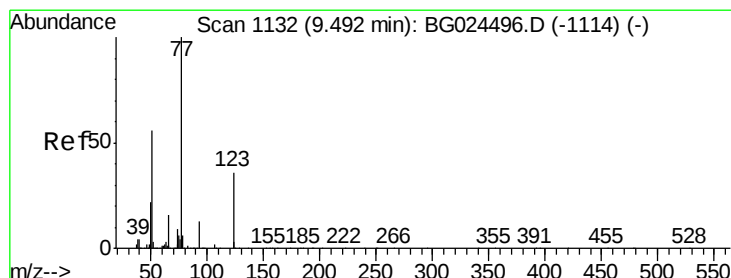
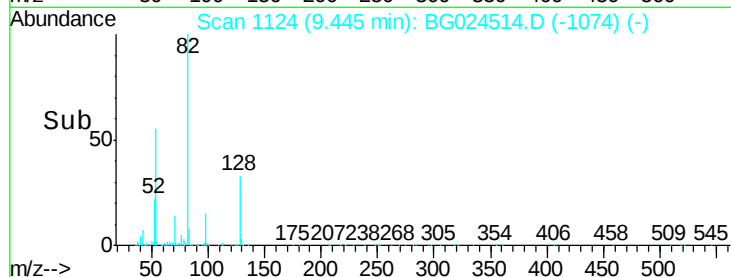
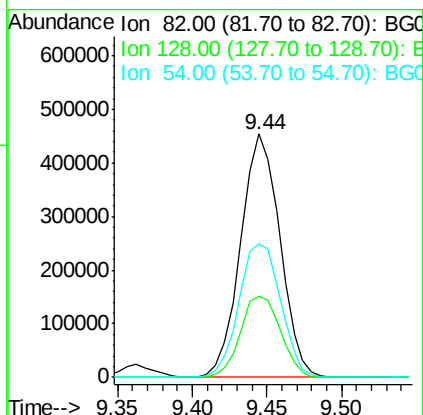
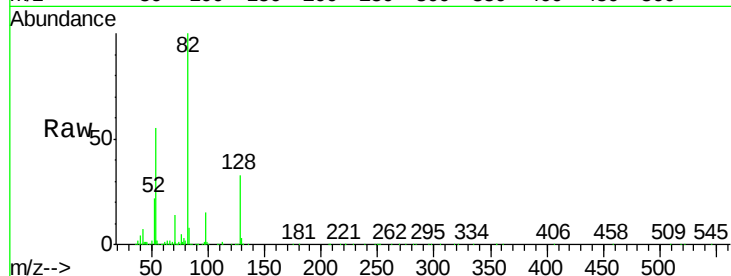




#23
 Nitrobenzene-d5
 Concen: 85.54 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

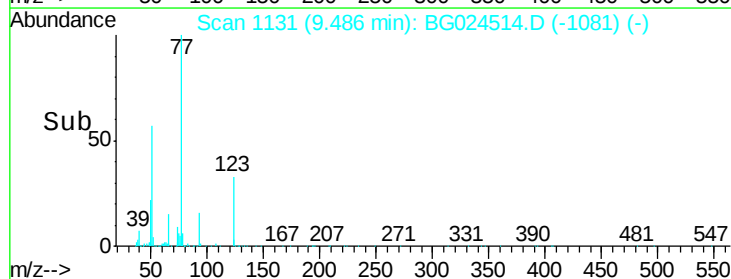
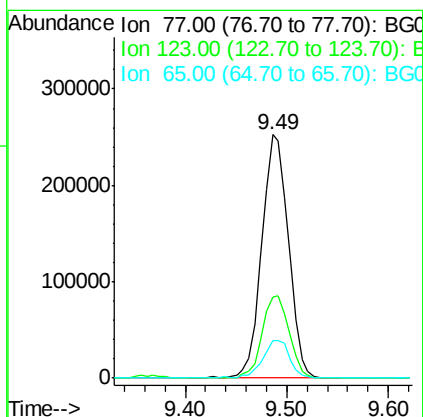
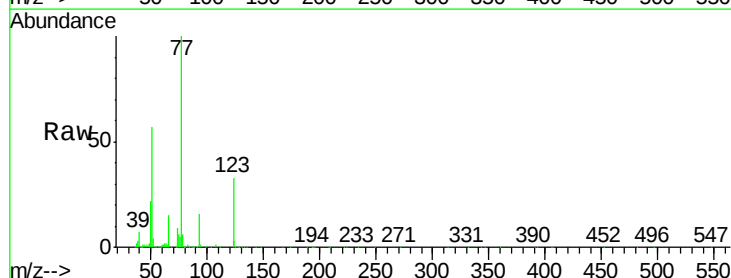
Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

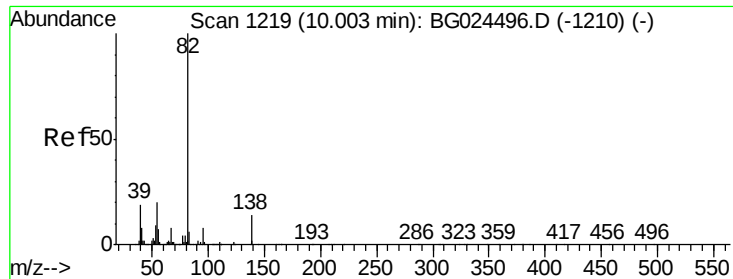
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.4	26.4	39.6
54	54.6	49.4	74.2



#24
 Nitrobenzene
 Concen: 42.86 ng
 RT: 9.49 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.4	26.1	39.1
65	15.2	12.4	18.6





#25

Isophorone

Concen: 44.45 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

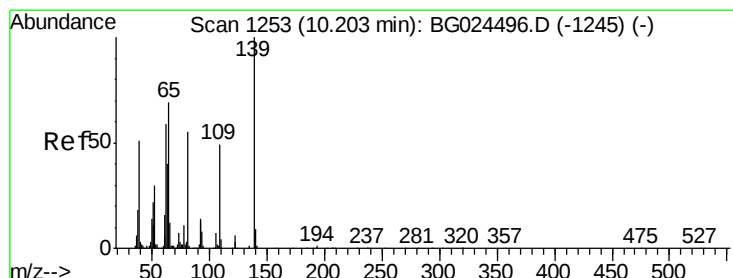
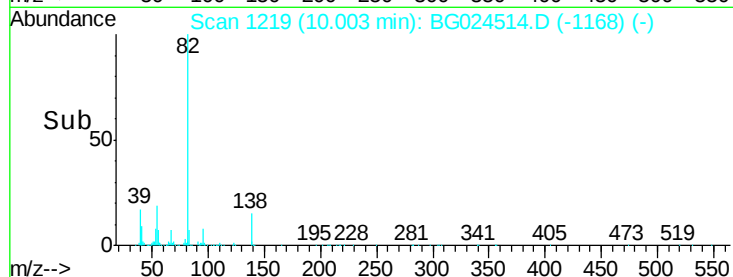
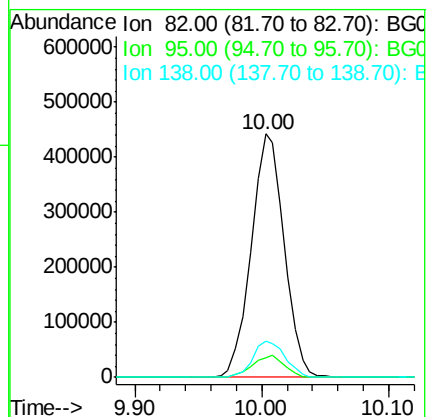
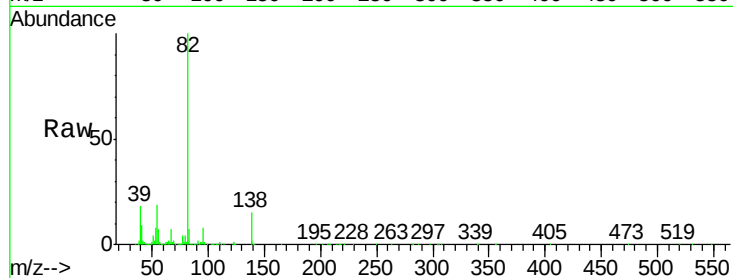
Tgt Ion: 82 Resp: 799594

Ion Ratio Lower Upper

82 100

95 8.3 7.5 11.3

138 14.7 12.3 18.5



#26

2-Nitrophenol

Concen: 45.02 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

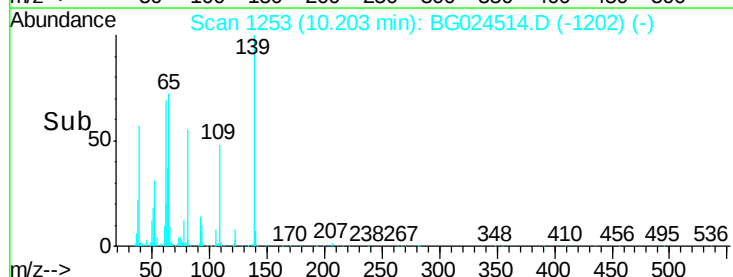
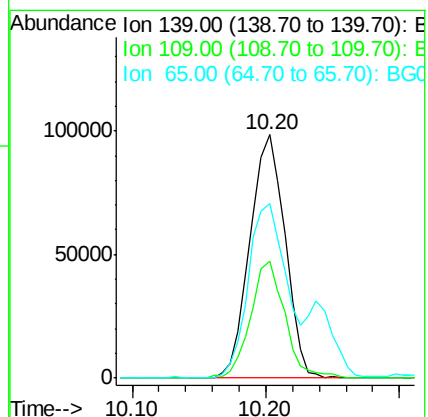
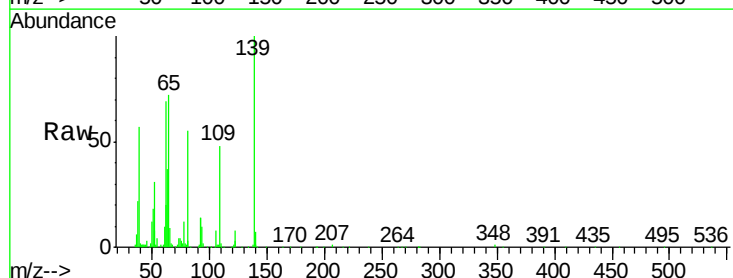
Tgt Ion: 139 Resp: 179756

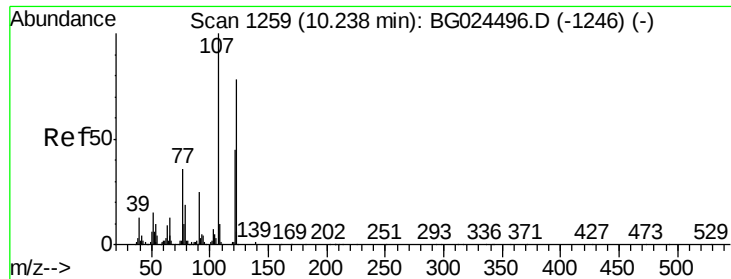
Ion Ratio Lower Upper

139 100

109 47.9 38.6 58.0

65 71.8 57.1 85.7

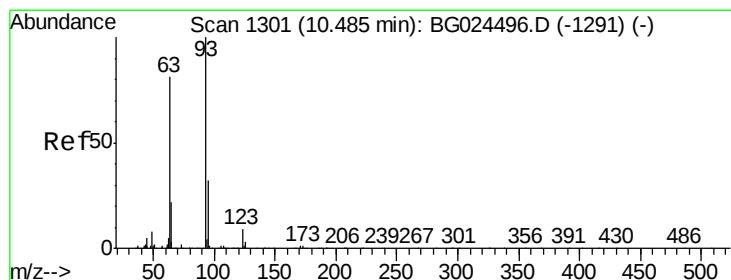
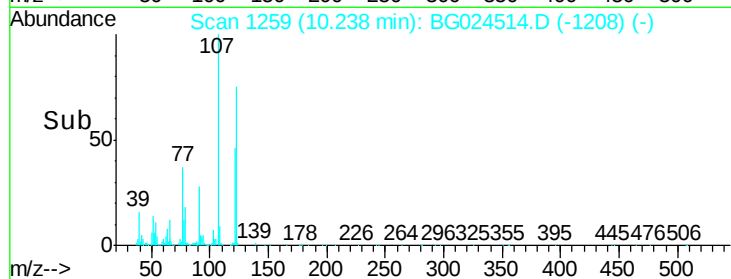
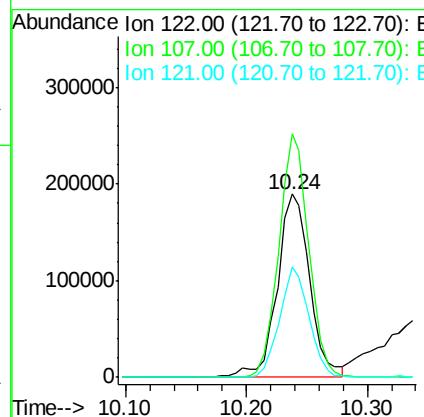
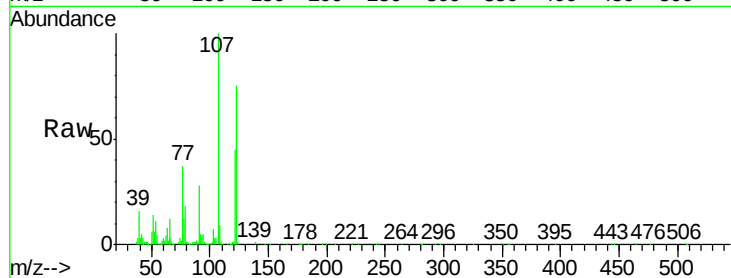




#27
 2,4-Dimethylphenol
 Concen: 50.41 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

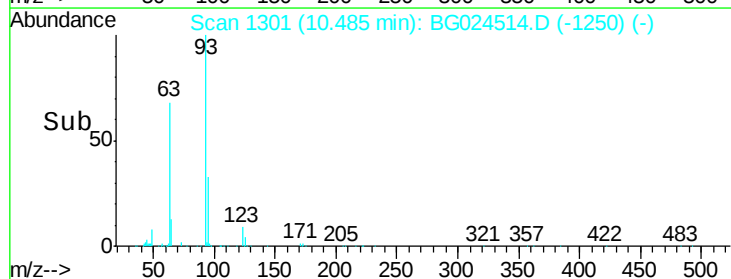
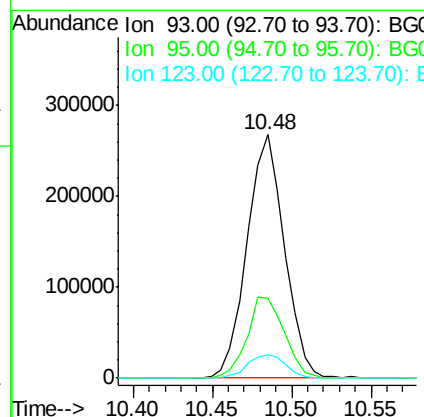
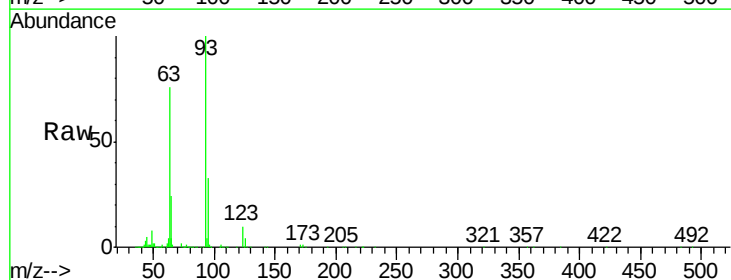
Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

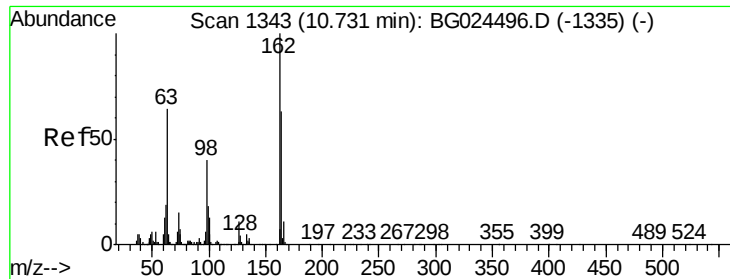
Tgt Ion	Ratio	Lower	Upper
122	100		
107	132.9	104.2	156.4
121	60.4	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.14 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.7	38.5
123	9.8	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 47.48 ng

RT: 10.73 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

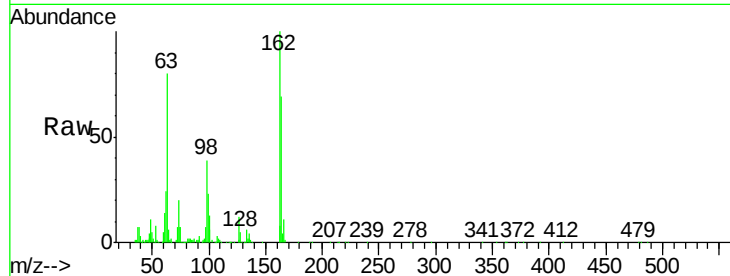
Tgt Ion:162 Resp: 348386

Ion Ratio Lower Upper

162 100

164 68.8 42.4 82.4

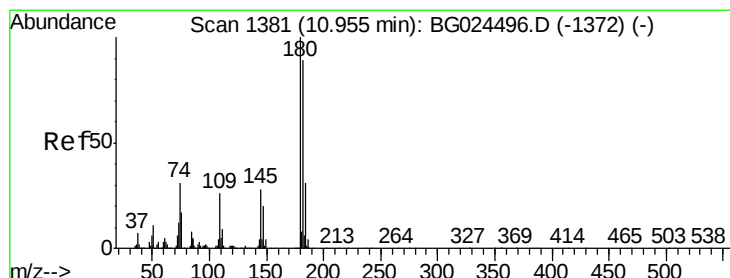
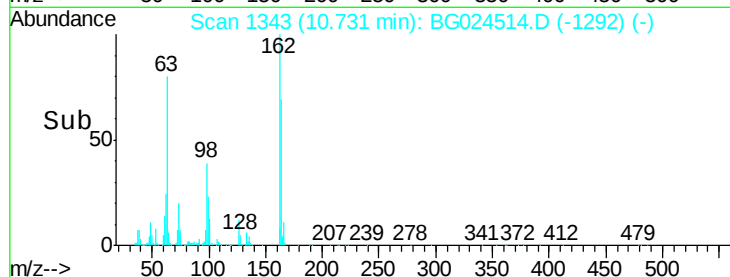
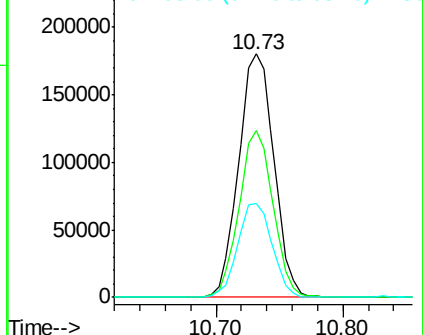
98 38.6 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.83 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

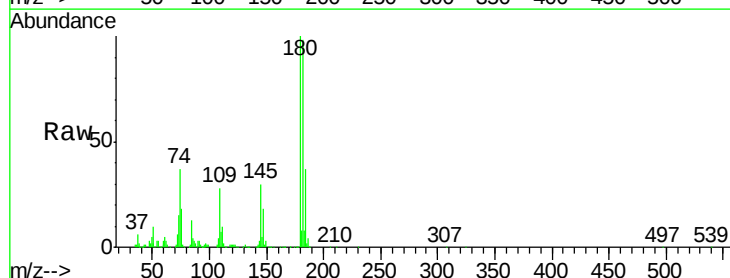
Tgt Ion:180 Resp: 372812

Ion Ratio Lower Upper

180 100

182 98.4 77.0 115.4

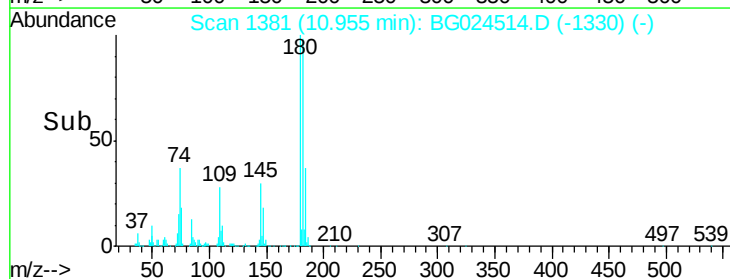
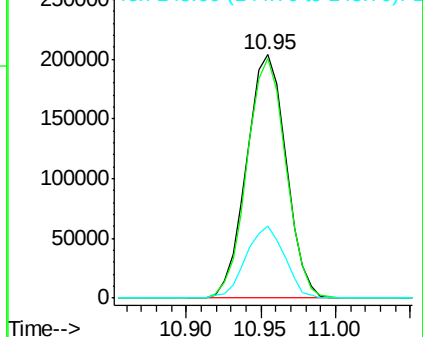
145 29.9 23.4 35.0

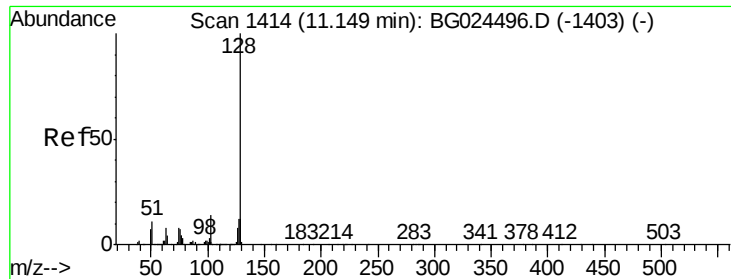


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

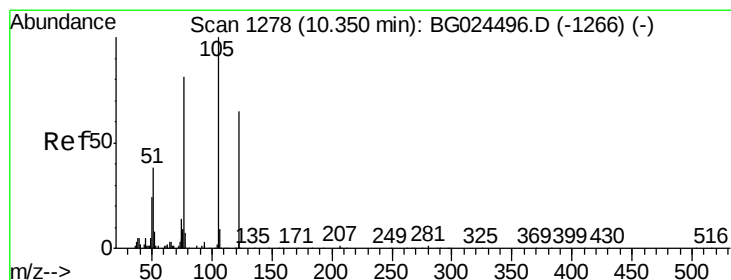
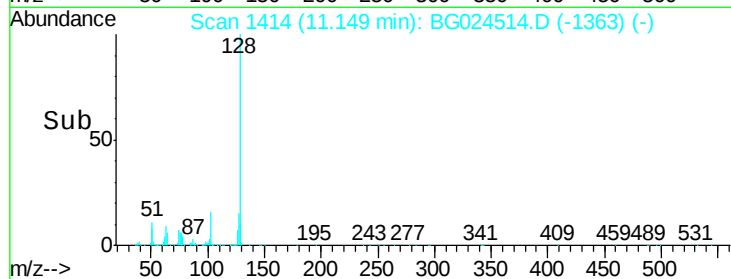
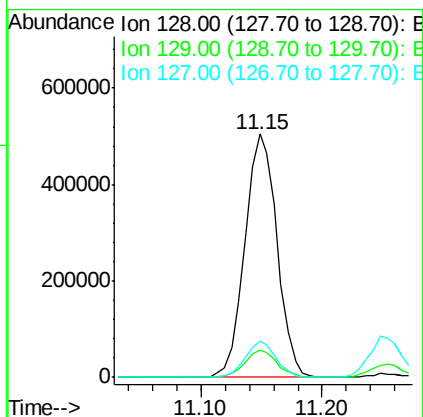
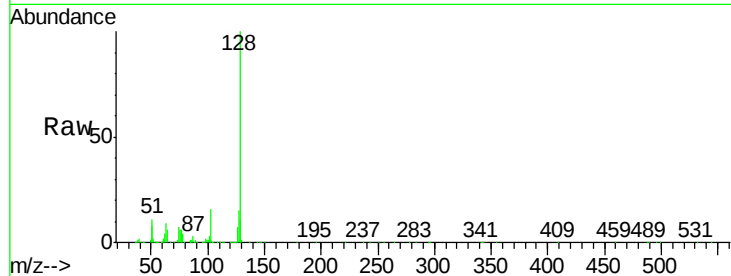




#31
Naphthalene
Concen: 42.54 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

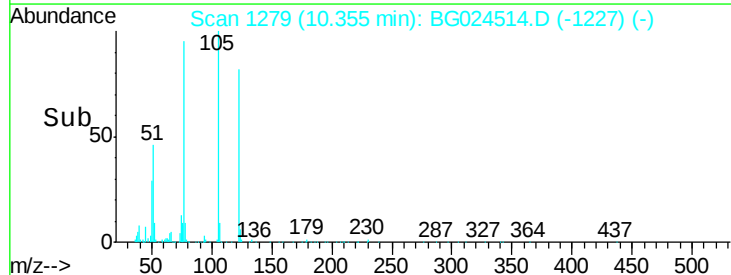
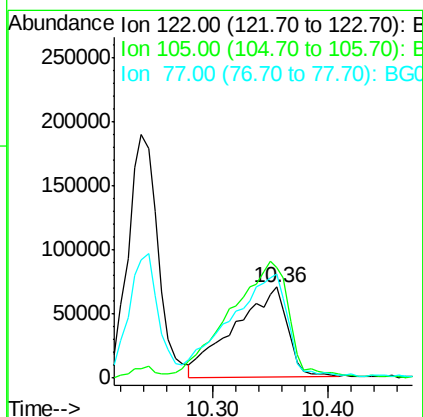
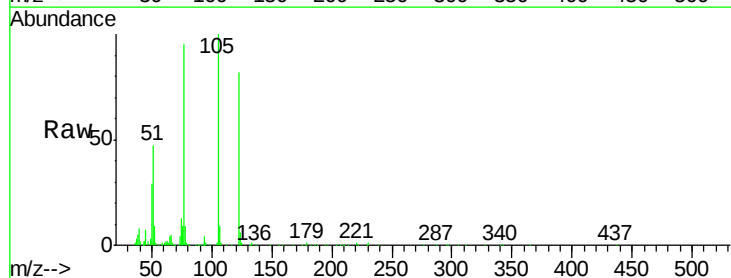
Instrument :
BNA_G
ClientSampleId :
PB94325BS

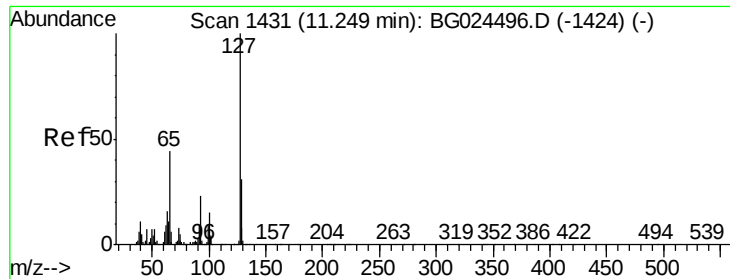
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.7	11.4	17.0



#32
Benzoic acid
Concen: 38.78 ng
RT: 10.36 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	120.1	160.1
77	114.9	104.6	144.6

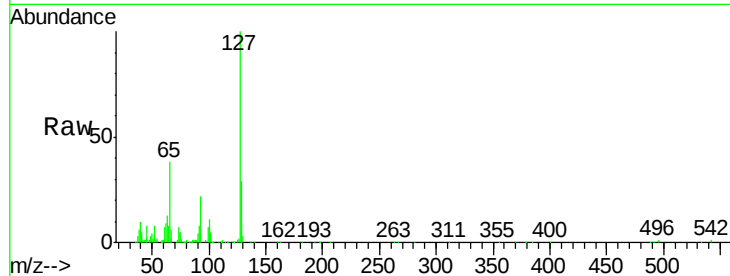




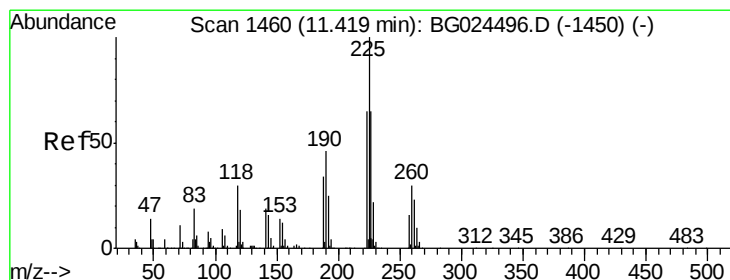
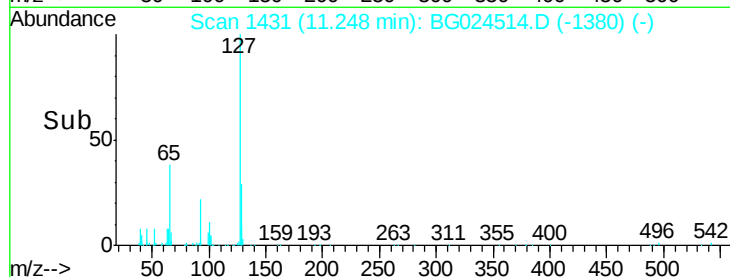
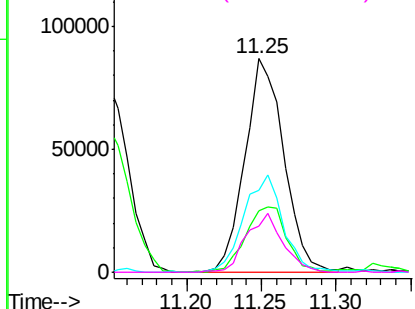
#33
 4-Chloroaniline
 Concen: 16.43 ng
 RT: 11.25 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

Tgt Ion:	127	Resp:	156656
Ion	Ratio	Lower	Upper
127	100		
129	29.0	23.6	35.4
65	38.4	37.7	56.5
92	21.6	17.6	26.4

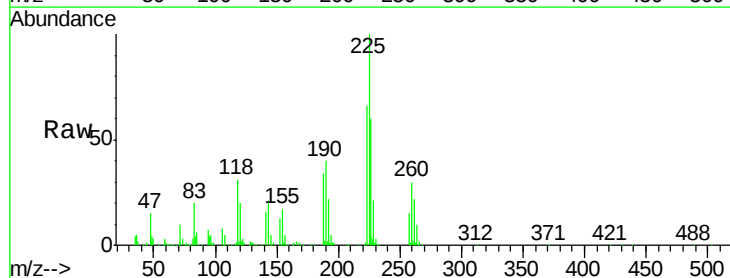


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC

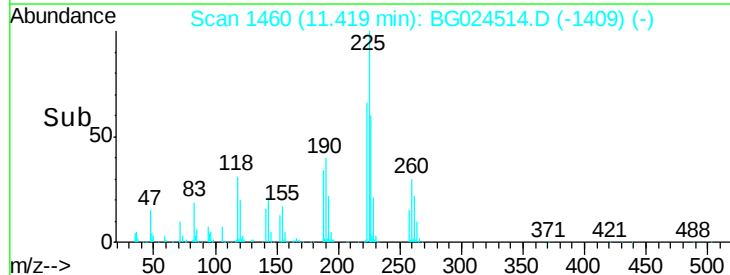
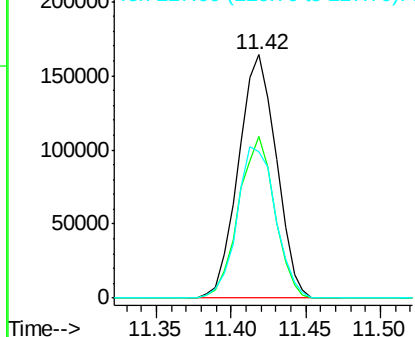


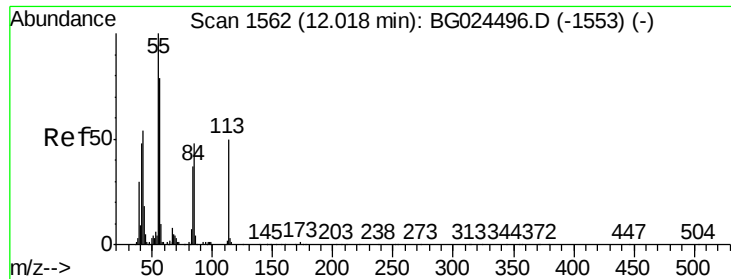
#34
 Hexachlorobutadiene
 Concen: 42.36 ng
 RT: 11.42 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion:	225	Resp:	288576
Ion	Ratio	Lower	Upper
225	100		
223	66.2	50.7	76.1
227	59.9	49.0	73.6



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

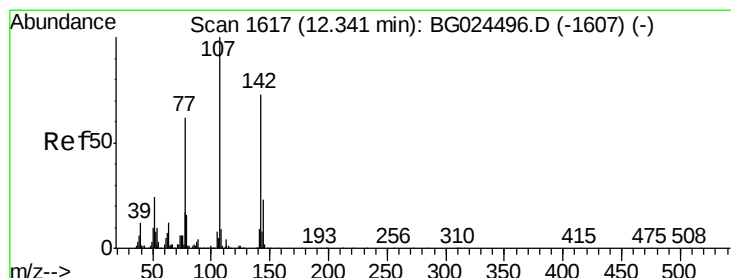
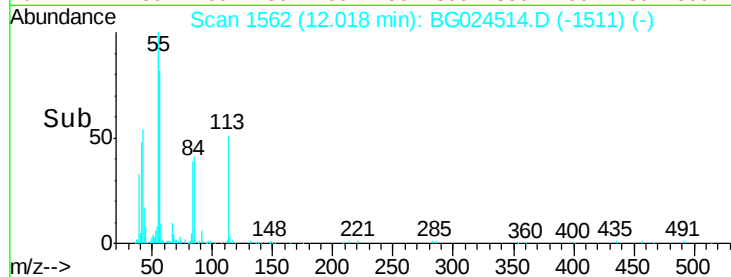
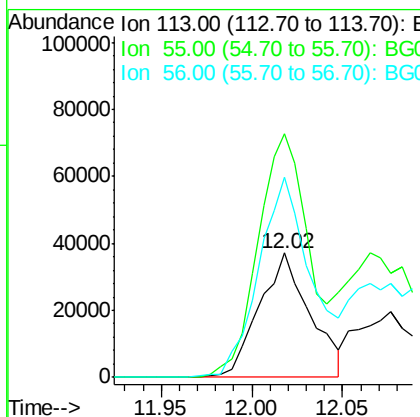
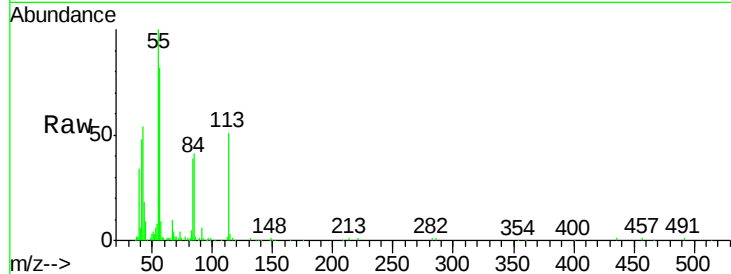




#35
 Caprolactam
 Concen: 26.90 ng
 RT: 12.02 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

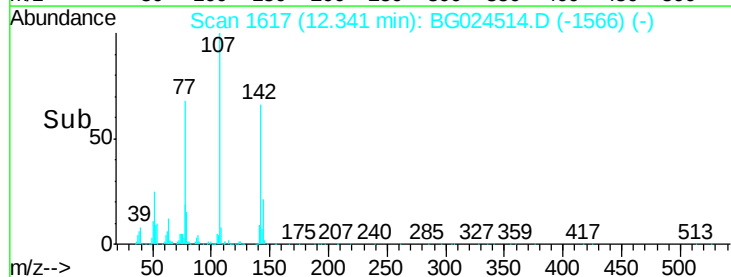
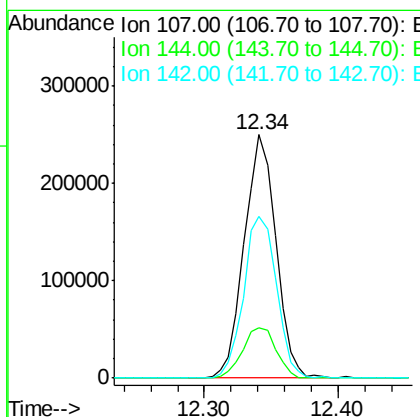
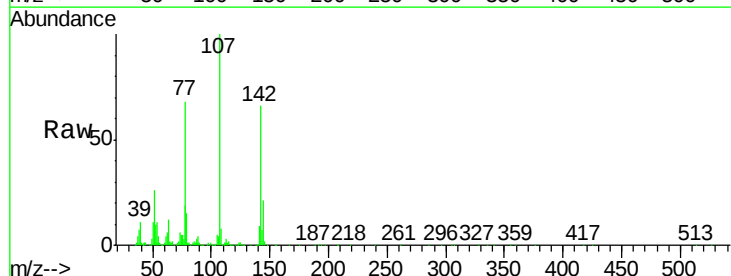
Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

Tgt Ion: 113 Resp: 72254
 Ion Ratio Lower Upper
 113 100
 55 196.4 198.6 238.6#
 56 161.0 140.4 180.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.23 ng
 RT: 12.34 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion: 107 Resp: 409523
 Ion Ratio Lower Upper
 107 100
 144 20.9 17.4 26.0
 142 66.3 54.1 81.1

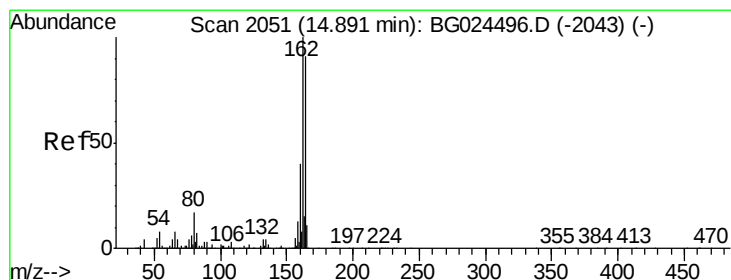
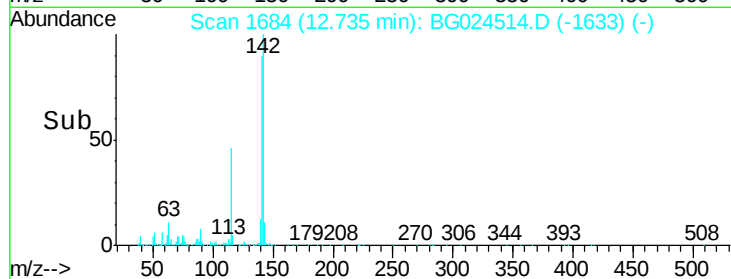
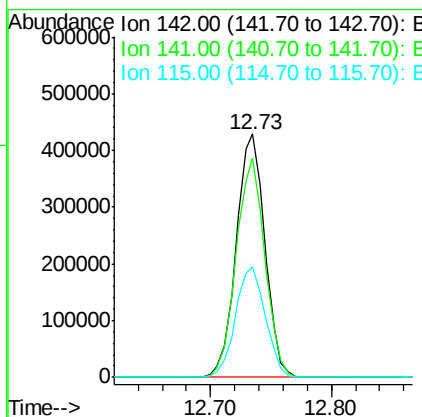
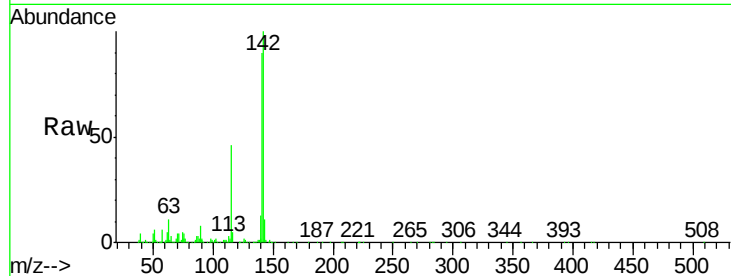




#37
 2-Methylnaphthalene
 Concen: 44.24 ng
 RT: 12.73 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

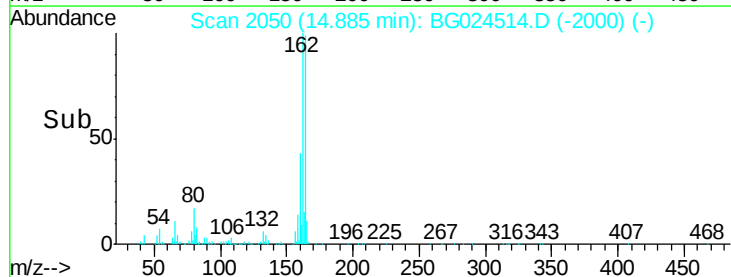
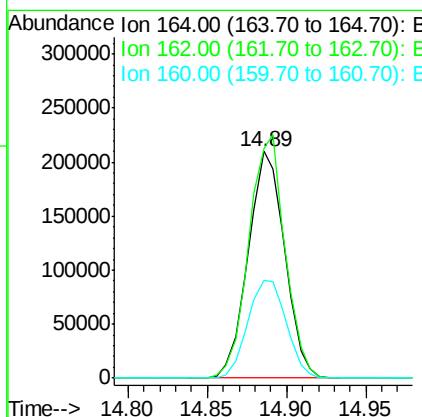
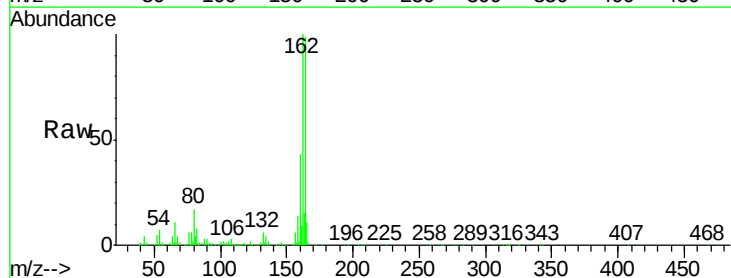
Instrument :
 BNA_G
 ClientSampleID :
 PB94325BS

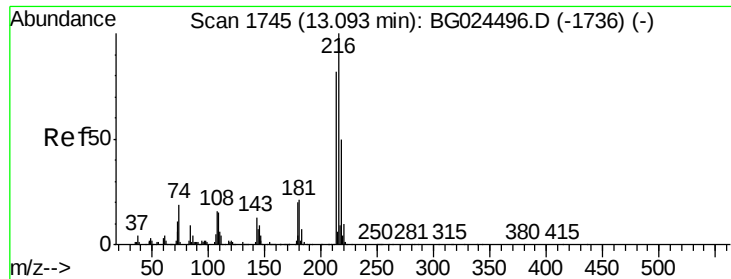
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.4	105.6
115	45.6	35.5	53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	85.1	127.7
160	43.2	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.14 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

Tgt Ion:216 Resp: 477242

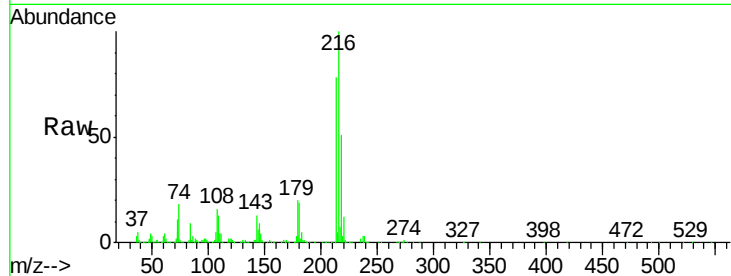
Ion Ratio Lower Upper

216 100

214 81.1 64.4 96.6

179 20.3 17.4 26.0

108 20.2 15.6 23.4

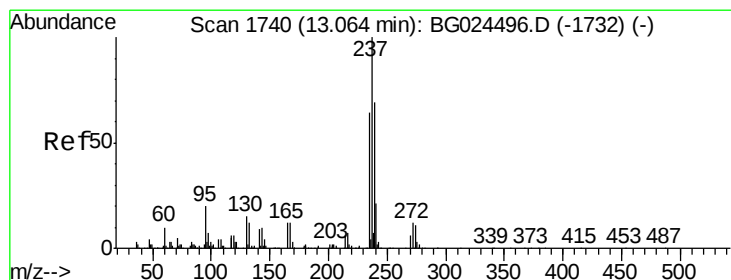
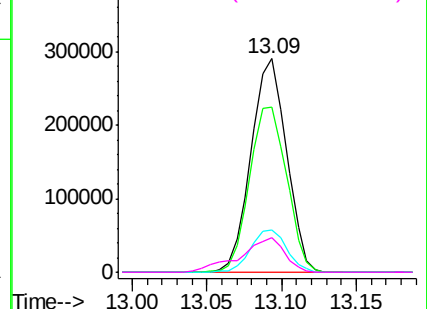
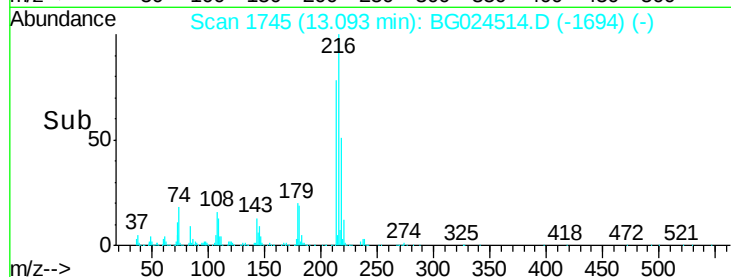


Abundance Ion 216.00 (215.70 to 216.70): E

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: 113.25 ng

RT: 13.06 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

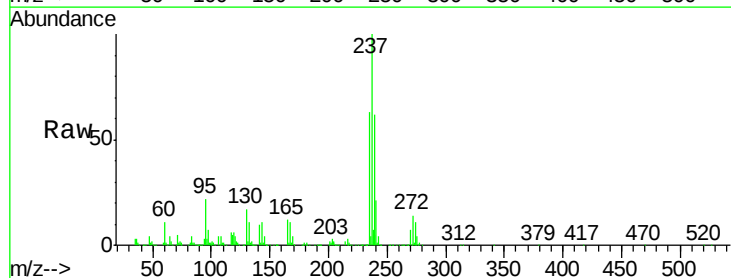
Tgt Ion:237 Resp: 722336

Ion Ratio Lower Upper

237 100

235 63.4 39.4 79.4

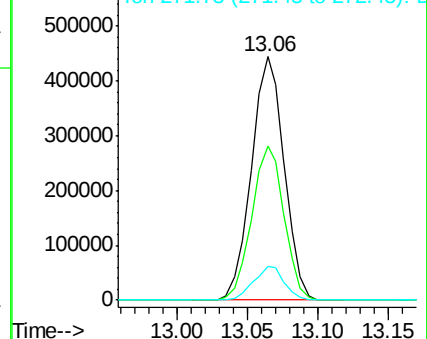
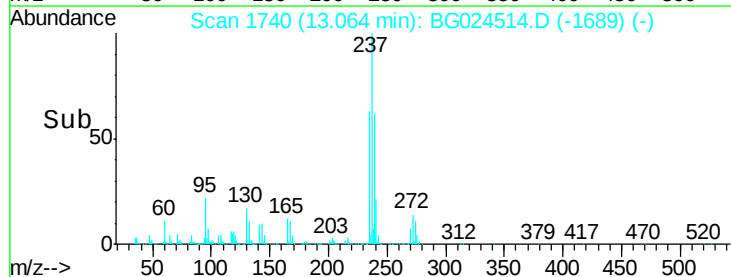
272 13.7 0.0 32.0



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

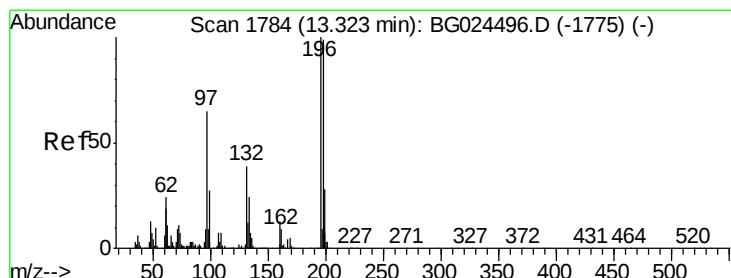
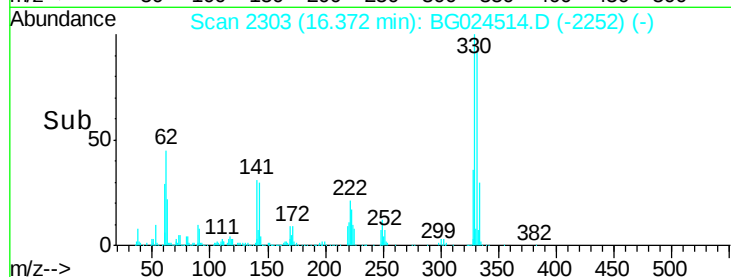
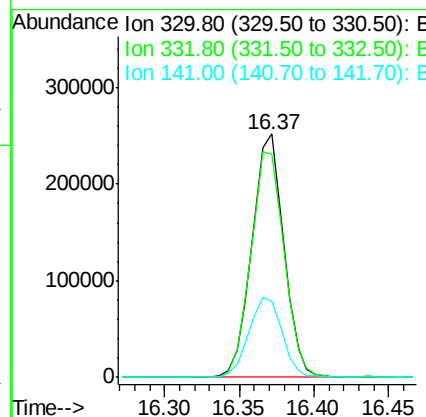
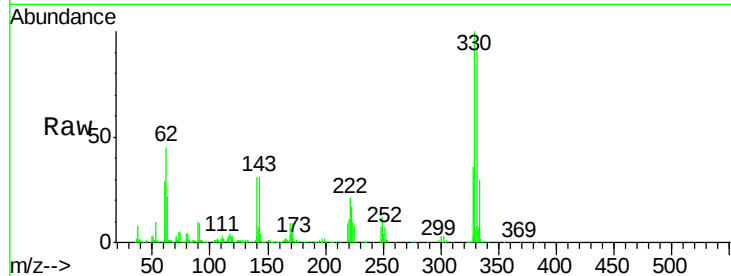




#41
 2,4,6-Tribromophenol
 Concen: 73.94 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

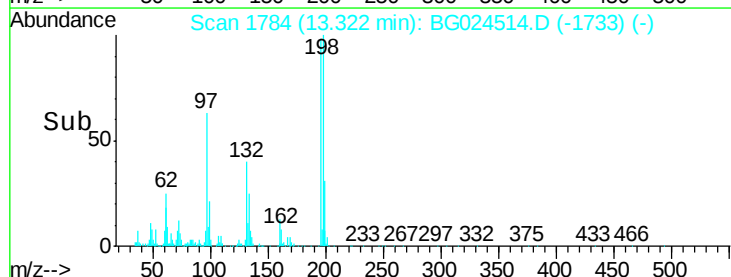
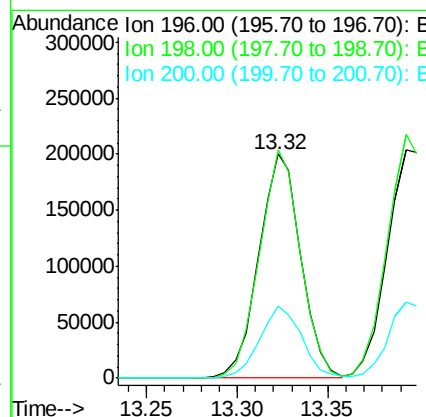
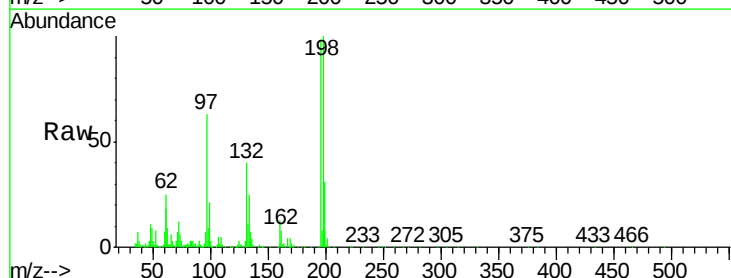
Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

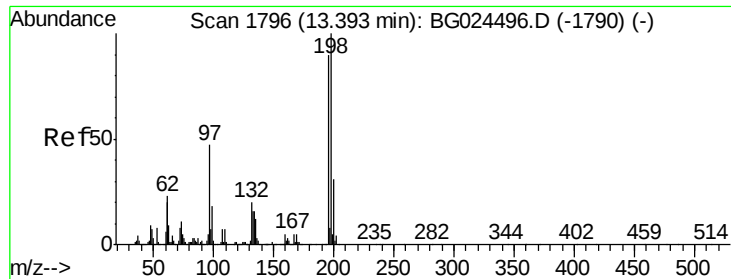
Tgt Ion:330 Resp: 370972
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 34.1 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 47.20 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion:196 Resp: 321314
 Ion Ratio Lower Upper
 196 100
 198 101.7 81.4 122.2
 200 32.0 27.0 40.6

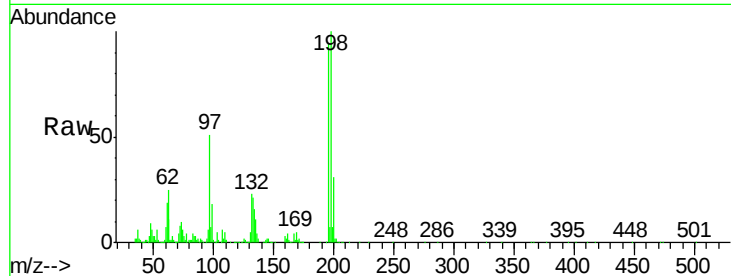




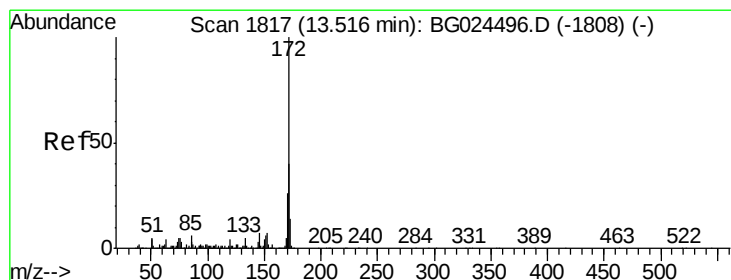
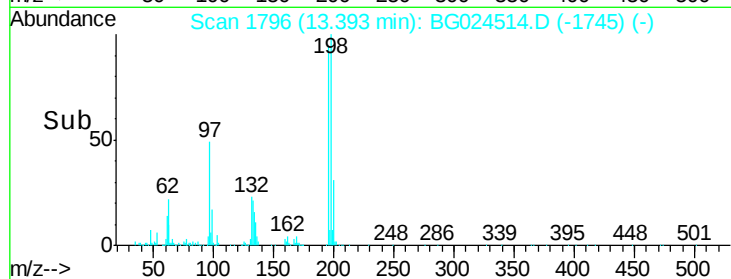
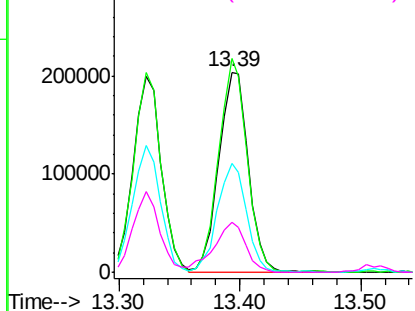
#43
 2,4,5-Trichlorophenol
 Concen: 46.63 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

Tgt Ion:	196	Resp:	343239
Ion	Ratio	Lower	Upper
196	100		
198	106.8	79.9	119.9
97	54.3	45.4	68.0
132	24.7	20.7	31.1

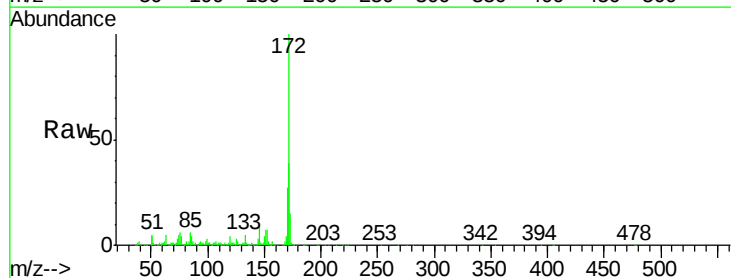


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

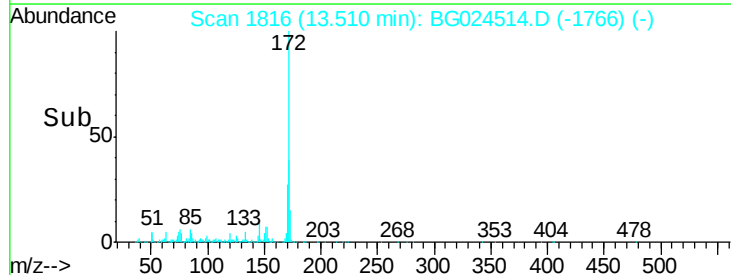
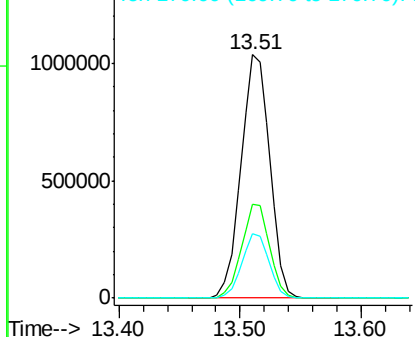


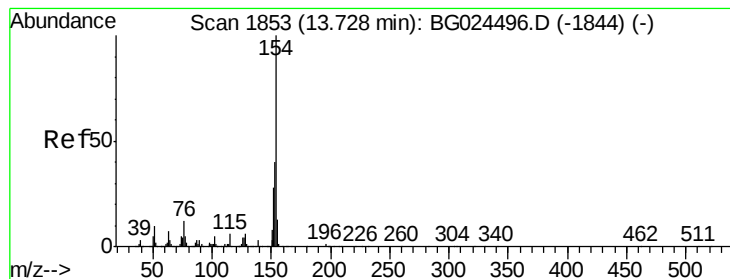
#44
 2-Fluorobiphenyl
 Concen: 85.03 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion:	172	Resp:	1717932
Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.2	48.2
170	26.7	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.69 ng

RT: 13.72 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

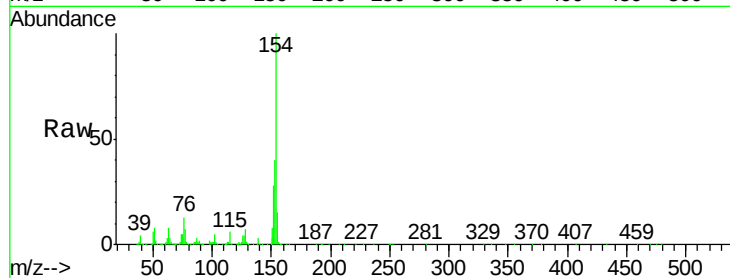
Tgt Ion:154 Resp: 994859

Ion Ratio Lower Upper

154 100

153 40.0 23.0 63.0

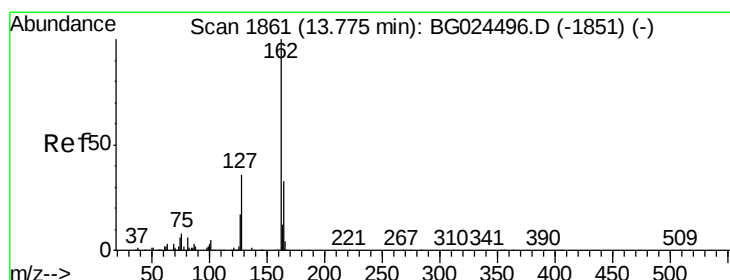
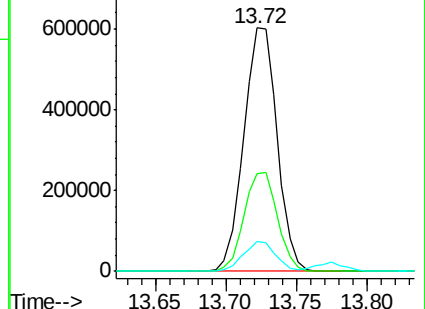
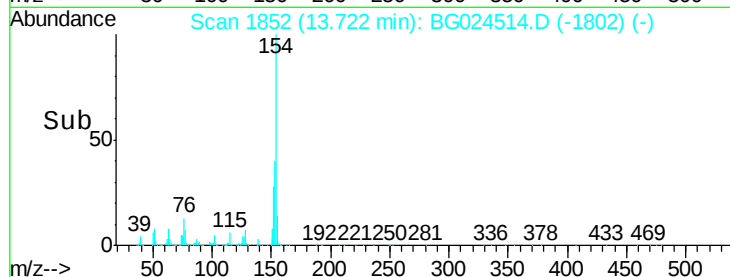
76 12.5 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.93 ng

RT: 13.77 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

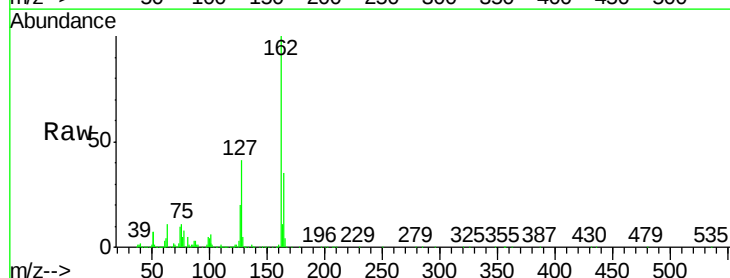
Tgt Ion:162 Resp: 779550

Ion Ratio Lower Upper

162 100

127 41.2 32.2 48.4

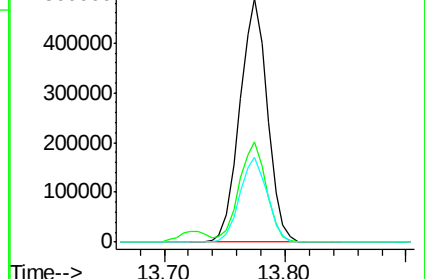
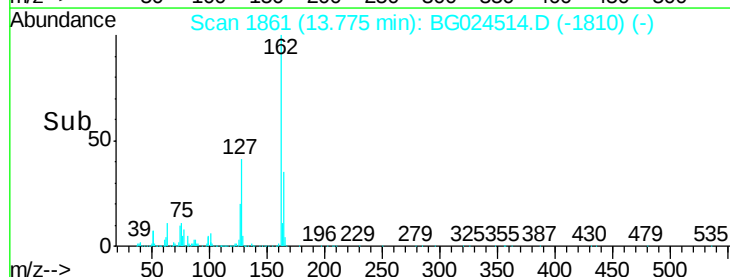
164 34.8 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

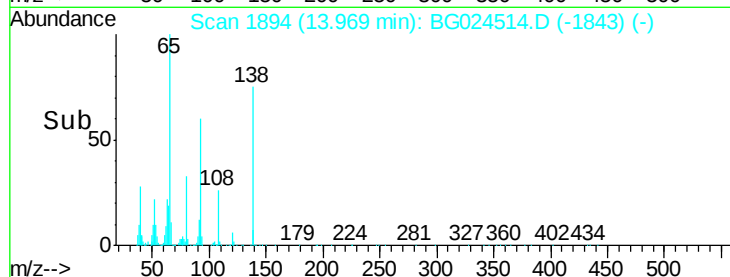
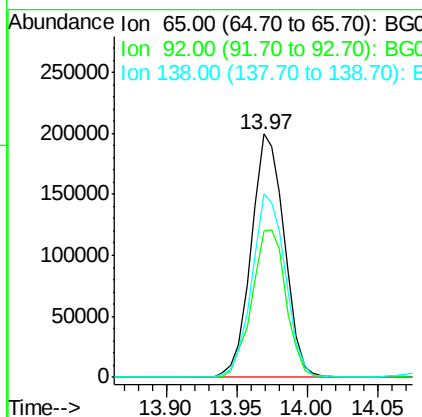
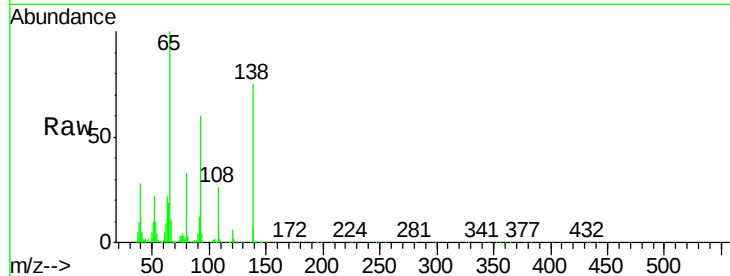




#47
2-Nitroaniline
Concen: 45.12 ng
RT: 13.97 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

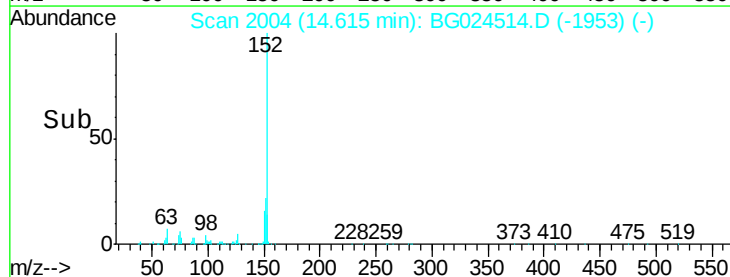
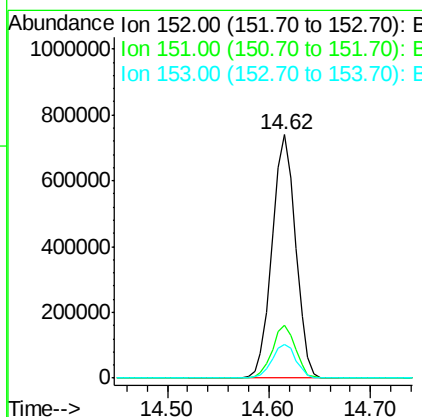
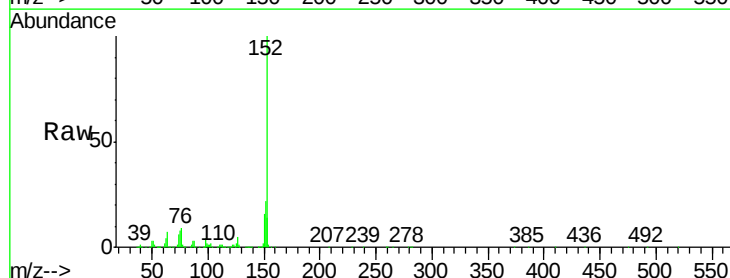
Instrument :
BNA_G
ClientSampleId :
PB94325BS

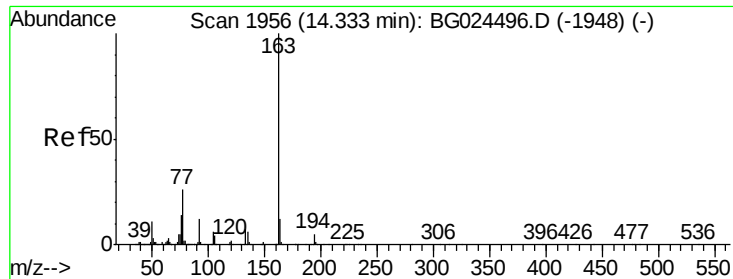
Tgt Ion: 65 Resp: 327820
Ion Ratio Lower Upper
65 100
92 60.0 49.0 73.4
138 75.1 58.6 87.8



#48
Acenaphthylene
Concen: 44.09 ng
RT: 14.62 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Tgt Ion: 152 Resp: 1199808
Ion Ratio Lower Upper
152 100
151 21.7 18.2 27.2
153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 45.33 ng

RT: 14.33 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

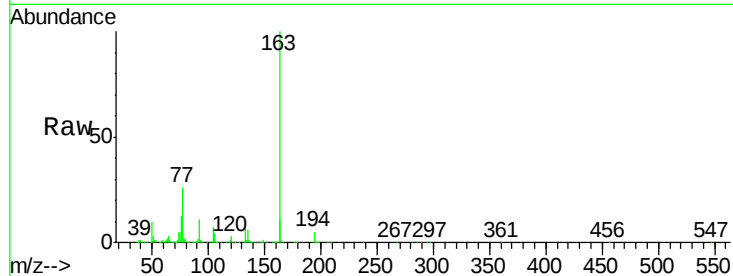
Tgt Ion:163 Resp: 1080601

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

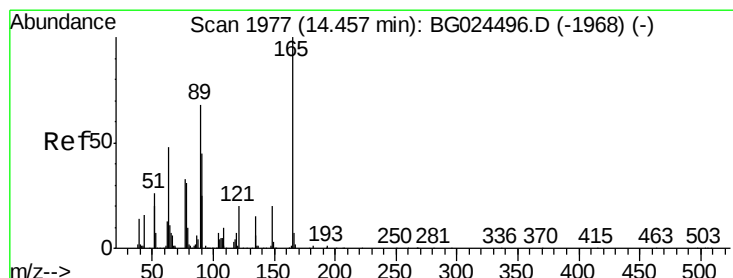
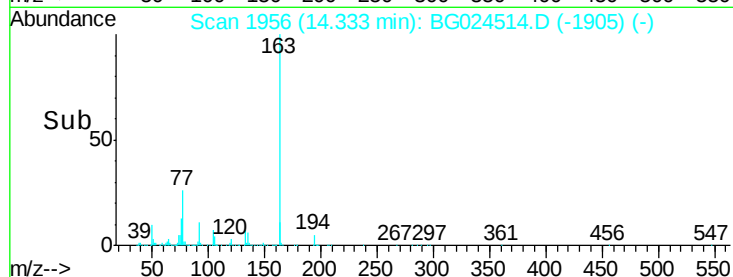
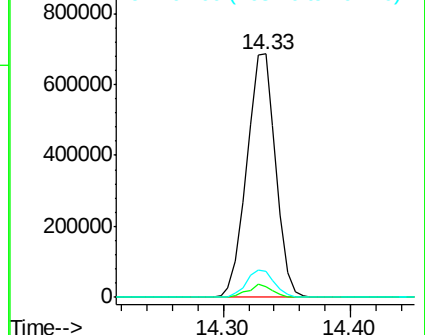
164 10.7 9.3 13.9



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: 47.73 ng

RT: 14.46 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

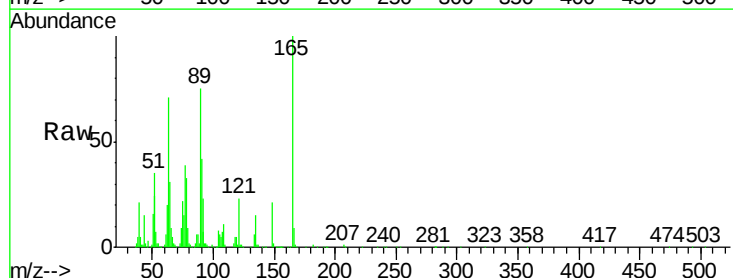
Tgt Ion:165 Resp: 242920

Ion Ratio Lower Upper

165 100

63 71.5 63.9 95.9

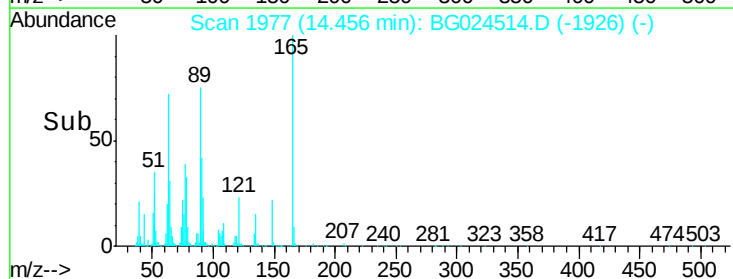
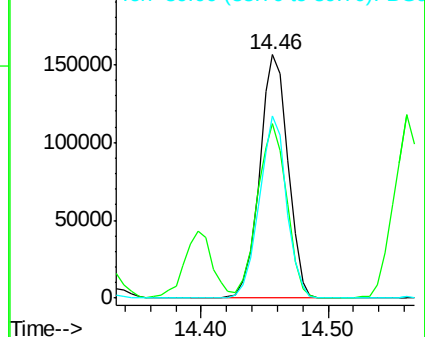
89 75.0 58.6 88.0

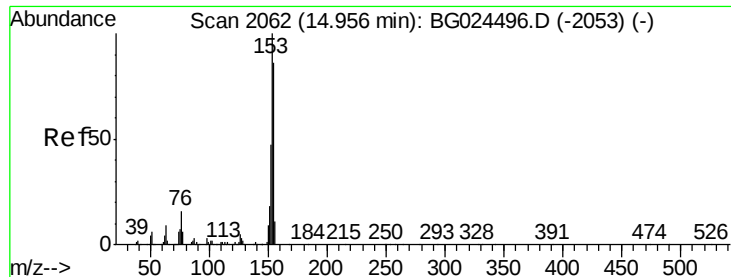


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.65 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

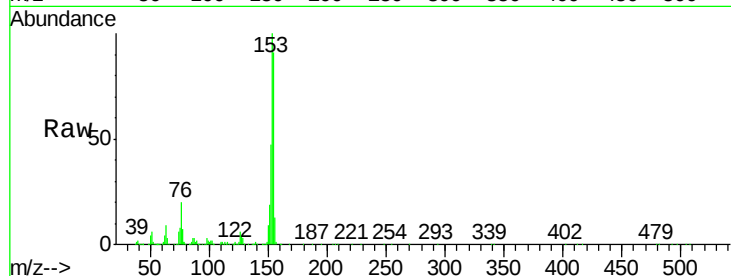
Tgt Ion:154 Resp: 784063

Ion Ratio Lower Upper

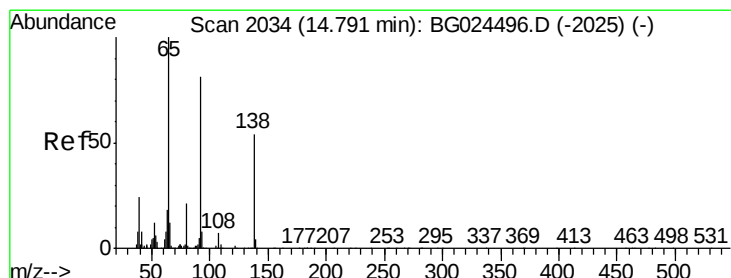
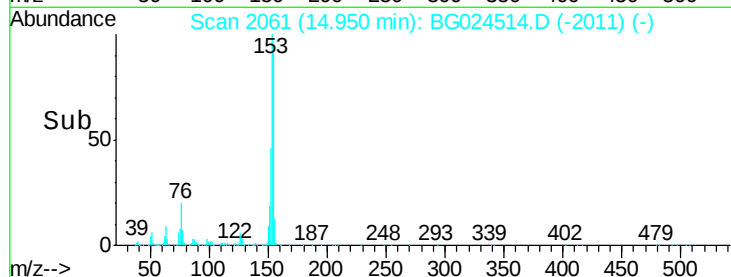
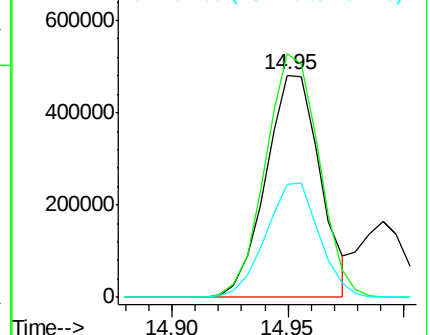
154 100

153 109.6 87.8 131.6

152 51.0 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: 22.52 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

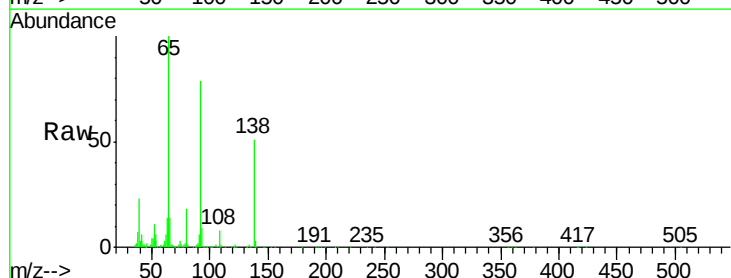
Tgt Ion:138 Resp: 118604

Ion Ratio Lower Upper

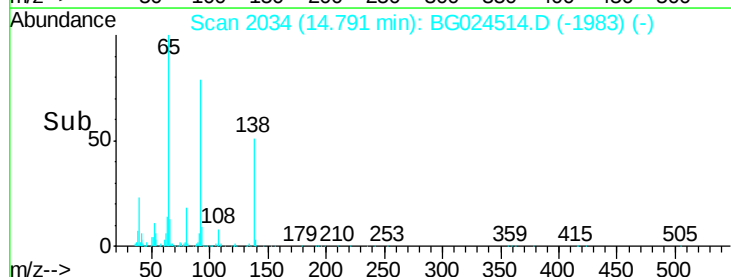
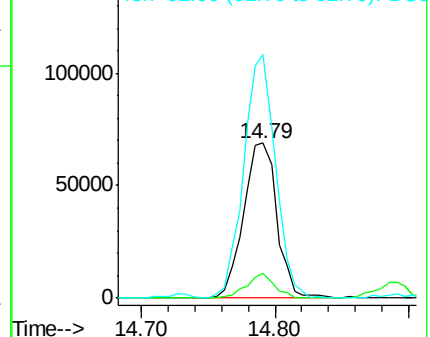
138 100

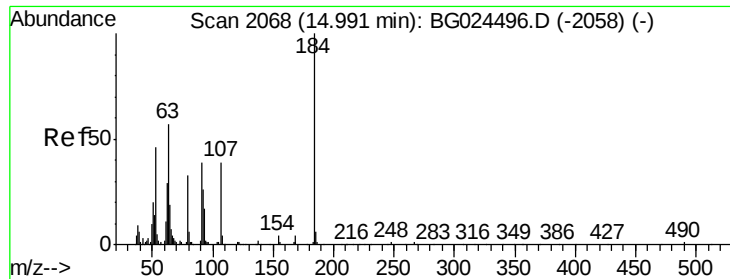
108 16.3 10.9 16.3

92 157.0 115.3 172.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 88.82 ng

RT: 14.99 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

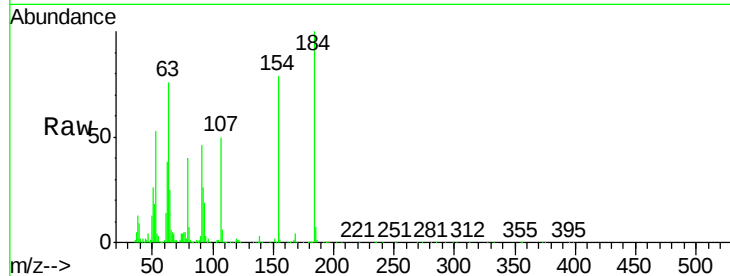
Tgt Ion:184 Resp: 327560

Ion Ratio Lower Upper

184 100

63 75.7 52.7 79.1

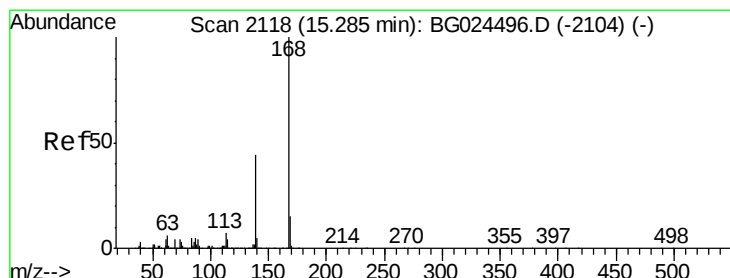
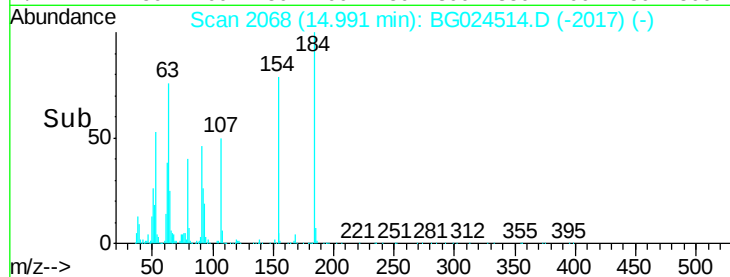
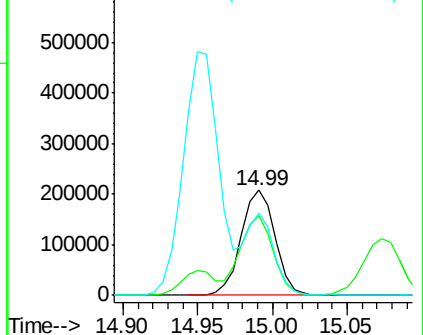
154 78.8 57.3 85.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.84 ng

RT: 15.28 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

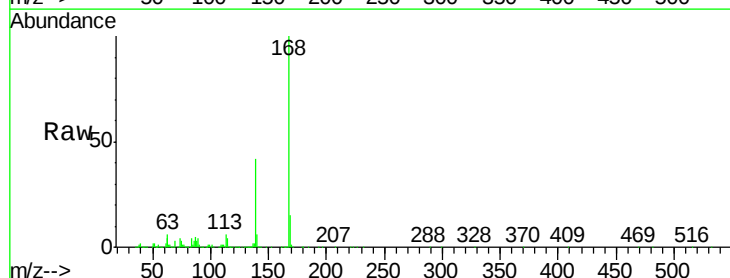
Tgt Ion:168 Resp: 1285549

Ion Ratio Lower Upper

168 100

139 42.1 35.3 52.9

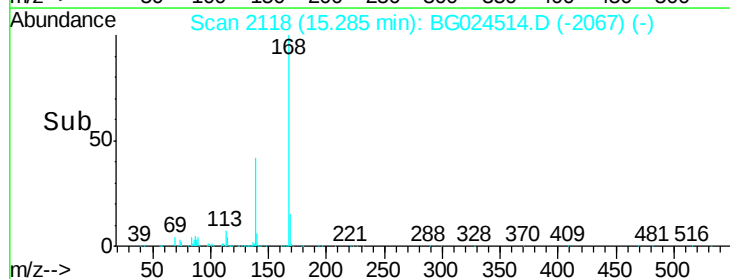
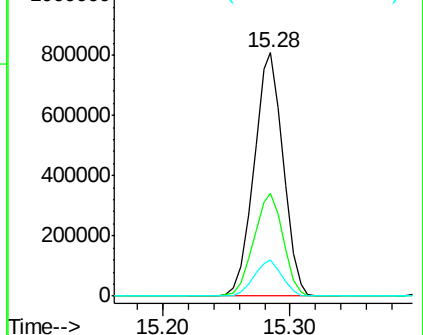
169 14.9 11.5 17.3

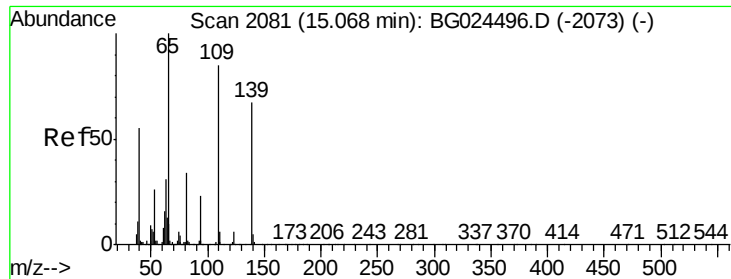


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 94.73 ng

RT: 15.07 min Scan# 2082

Delta R.T. 0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

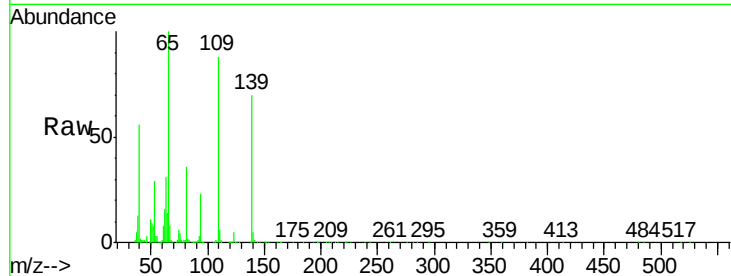
Tgt Ion:139 Resp: 434641

Ion Ratio Lower Upper

139 100

109 125.7 101.2 141.2

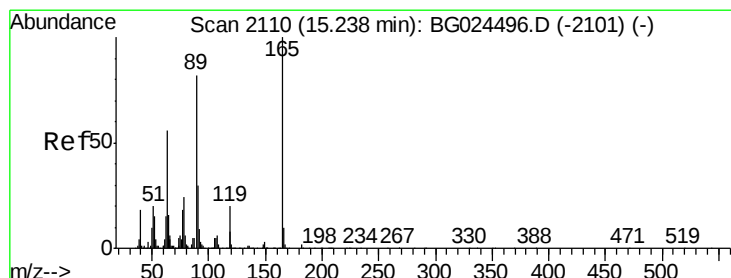
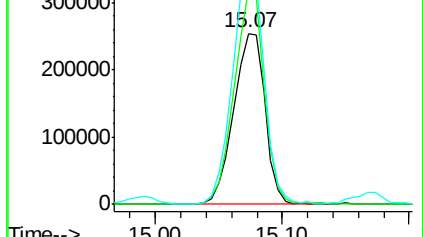
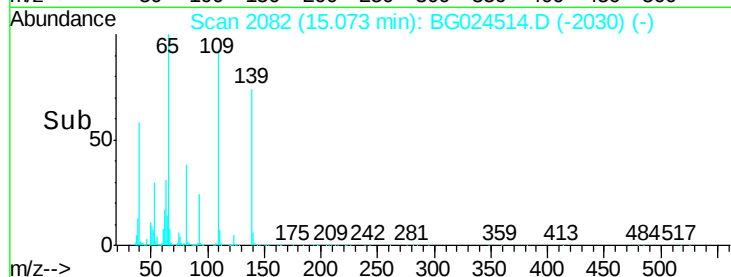
65 142.2 135.3 175.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 47.96 ng

RT: 15.24 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Tgt Ion:165 Resp: 354712

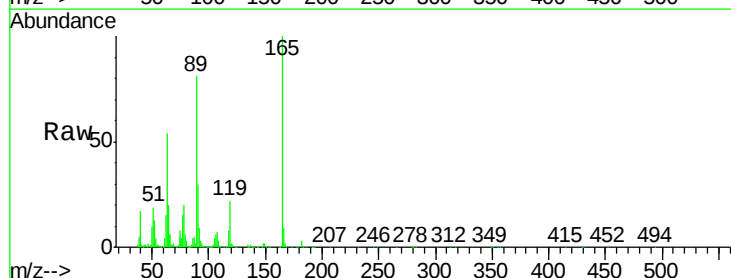
Ion Ratio Lower Upper

165 100

63 54.3 44.0 66.0

89 80.6 67.3 100.9

182 2.8 3.8 5.6#

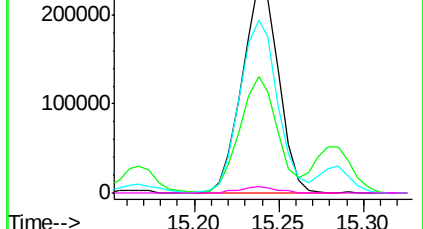
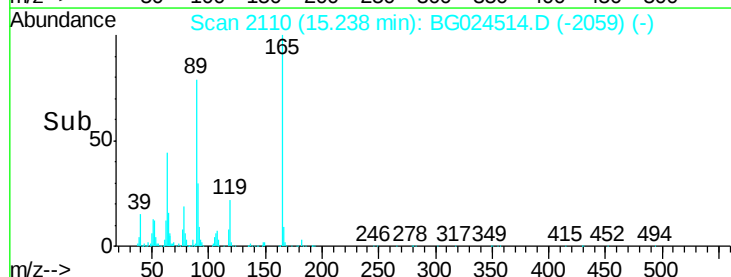


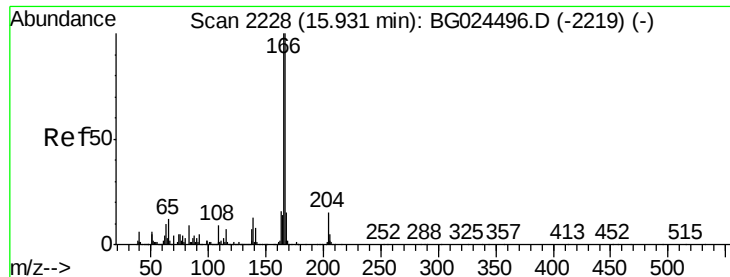
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.46 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

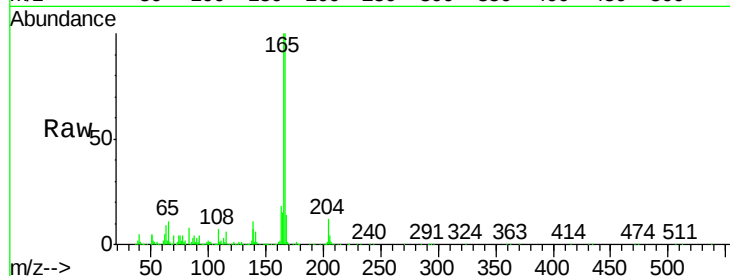
Tgt Ion:166 Resp: 1057174

Ion Ratio Lower Upper

166 100

165 100.3 78.6 117.8

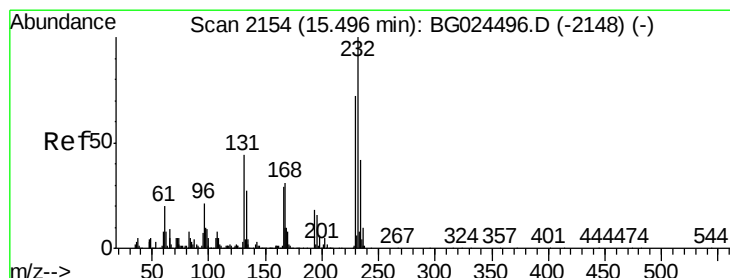
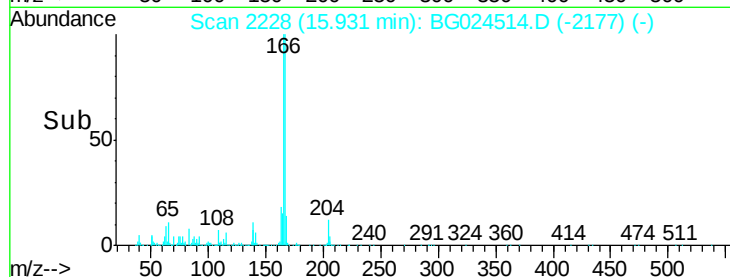
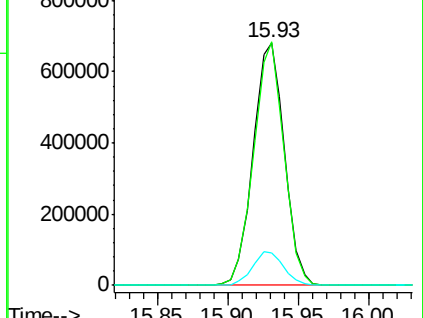
167 13.6 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.44 ng

RT: 15.50 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Tgt Ion:232 Resp: 369670

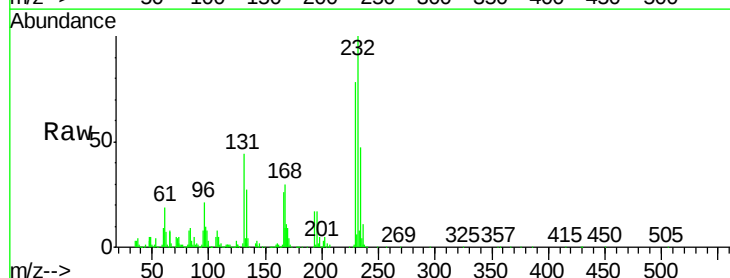
Ion Ratio Lower Upper

232 100

131 40.5 34.9 52.3

130 2.3 2.3 3.5

166 28.9 24.2 36.4

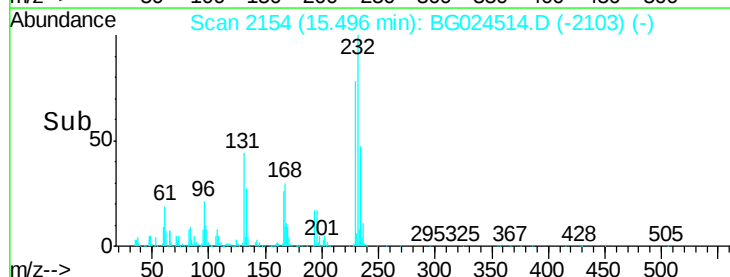
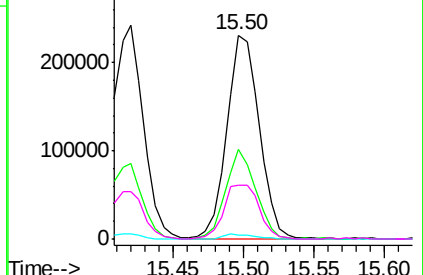


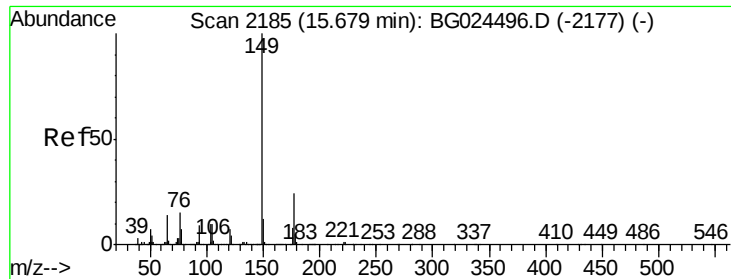
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.64 ng

RT: 15.68 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

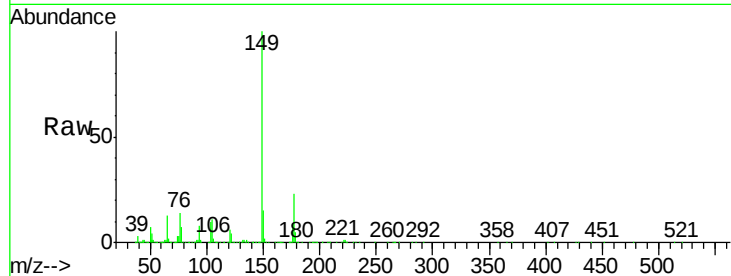
Tgt Ion:149 Resp: 1140688

Ion Ratio Lower Upper

149 100

177 23.3 20.1 30.1

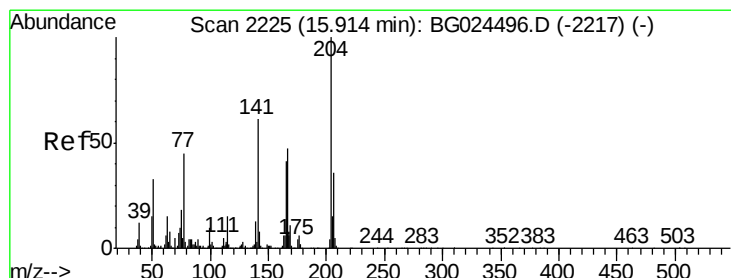
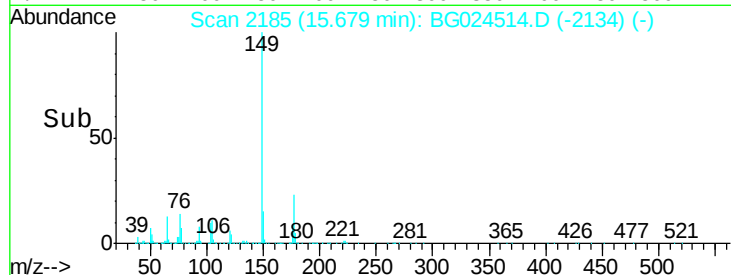
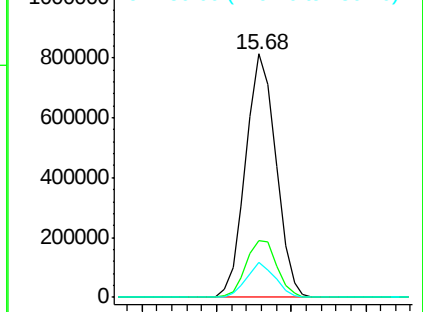
150 14.6 10.2 15.2



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: 45.27 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

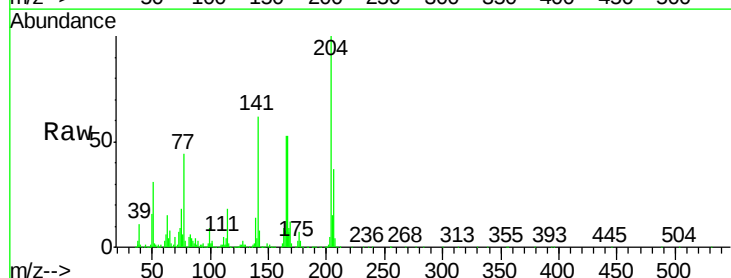
Tgt Ion:204 Resp: 590713

Ion Ratio Lower Upper

204 100

206 36.7 30.1 45.1

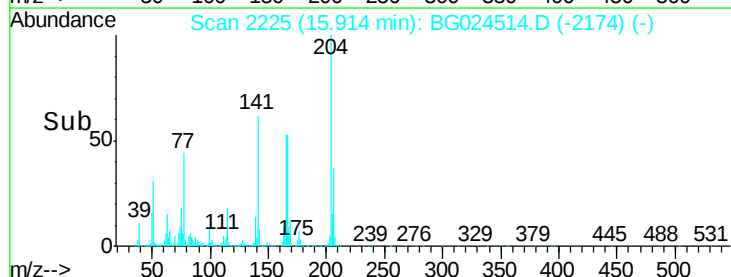
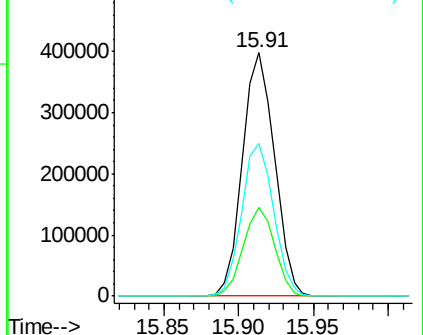
141 62.5 50.6 76.0

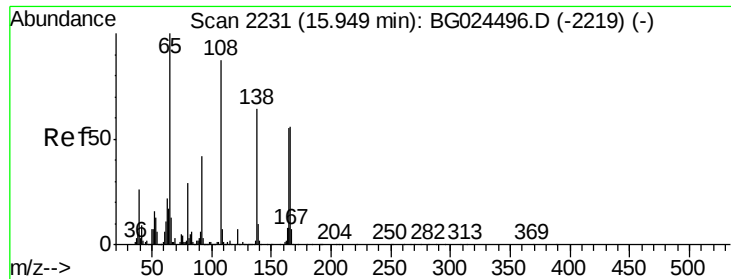


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

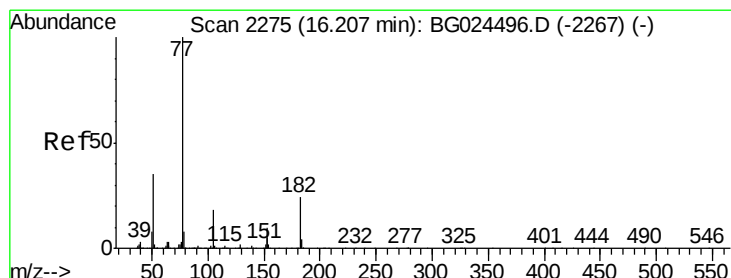
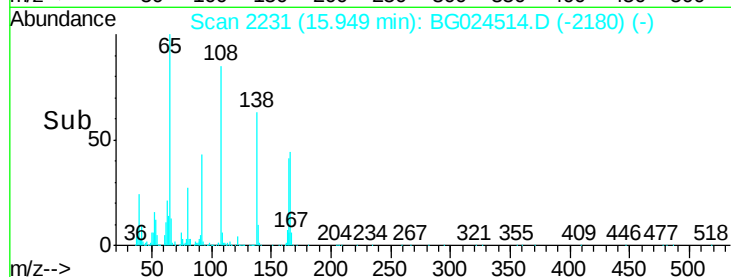
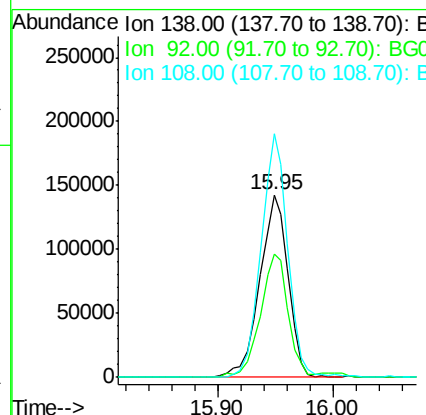
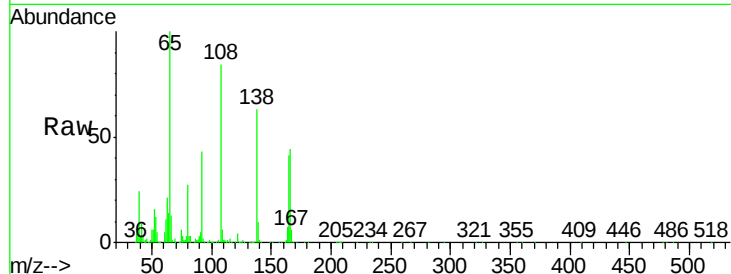




#61
4-Nitroaniline
Concen: 42.39 ng
RT: 15.95 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

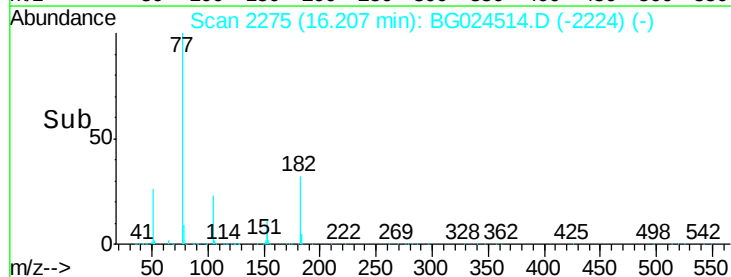
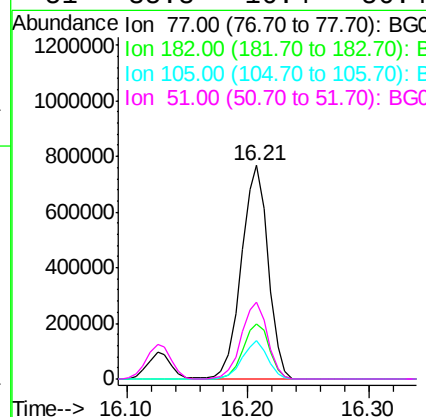
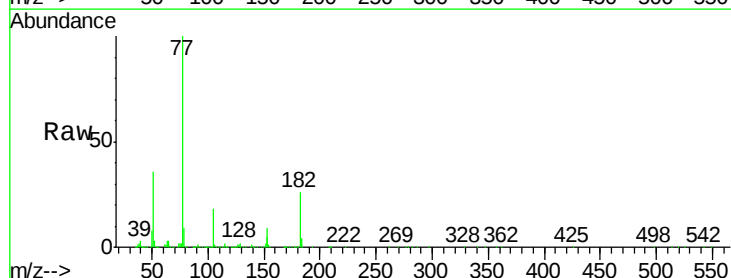
Instrument :
BNA_G
ClientSampleId :
PB94325BS

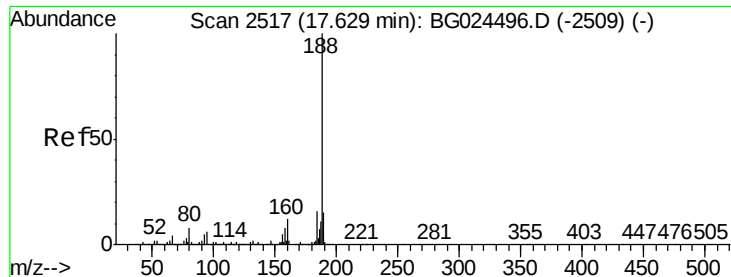
Tgt Ion:138 Resp: 243872
Ion Ratio Lower Upper
138 100
92 67.5 44.2 84.2
108 133.2 104.8 144.8



#62
Azobenzene
Concen: 47.43 ng
RT: 16.21 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Tgt Ion: 77 Resp: 1182369
Ion Ratio Lower Upper
77 100
182 26.1 4.7 44.7
105 18.1 0.0 36.3
51 35.8 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: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

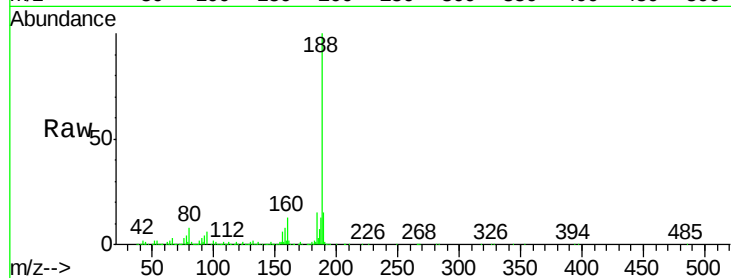
Tgt Ion:188 Resp: 791321

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

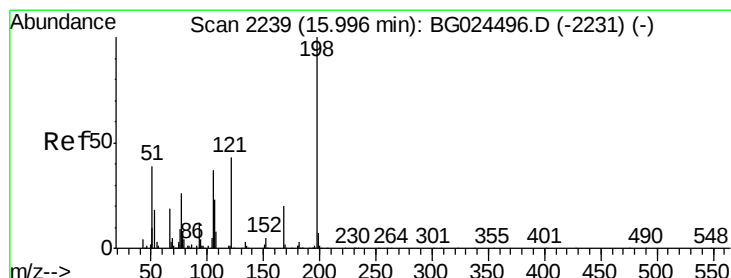
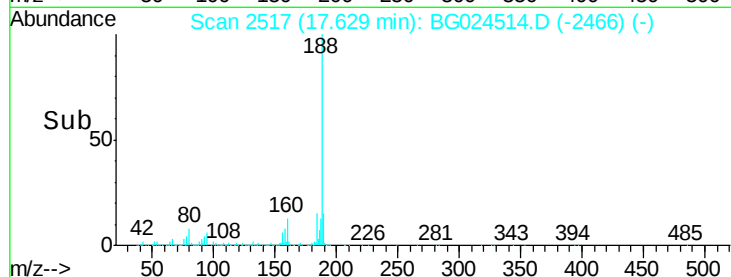
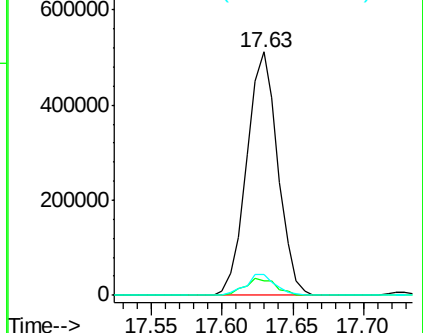
80 8.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 43.91 ng

RT: 16.00 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

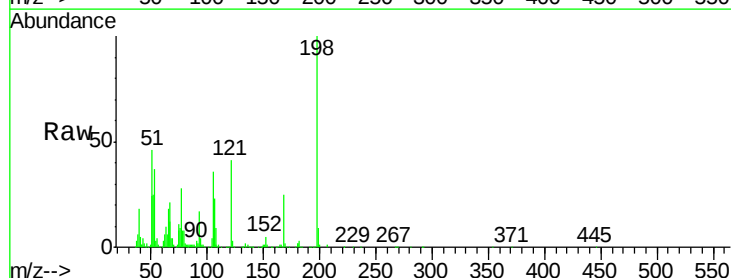
Tgt Ion:198 Resp: 239401

Ion Ratio Lower Upper

198 100

51 46.3 22.6 62.6

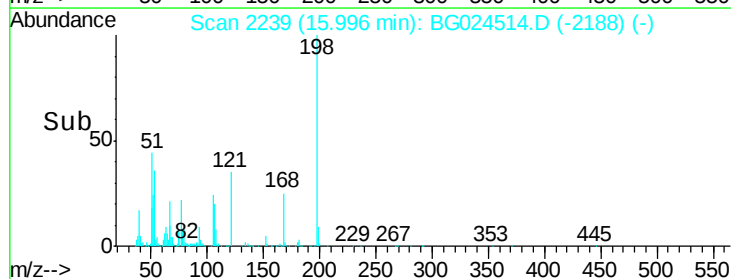
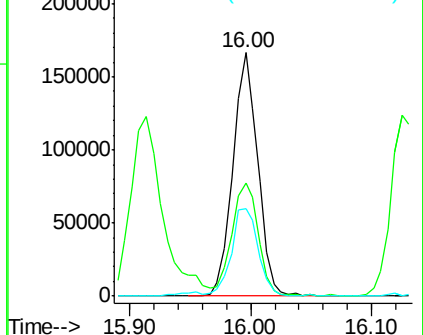
105 35.8 14.4 54.4

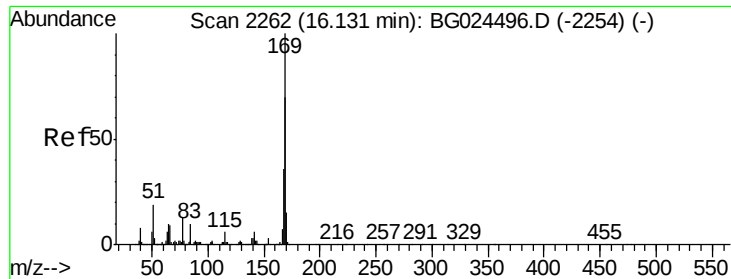


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.56 ng

RT: 16.13 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

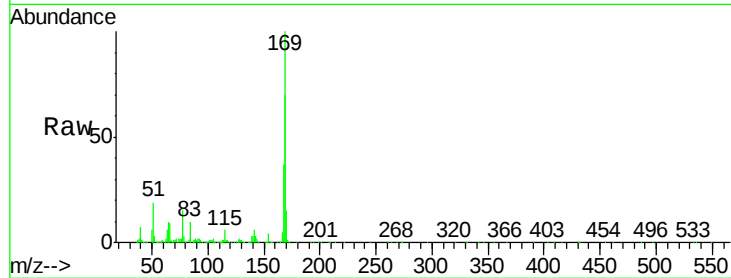
Tgt Ion:169 Resp: 985520

Ion Ratio Lower Upper

169 100

168 70.4 55.7 83.5

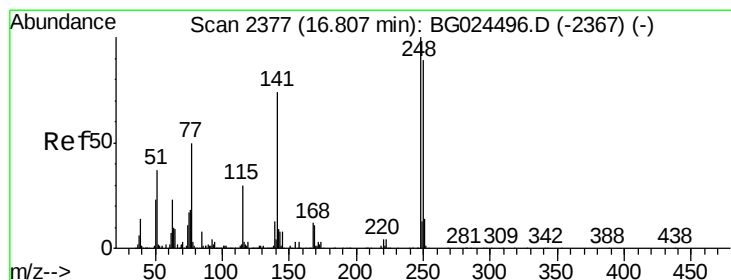
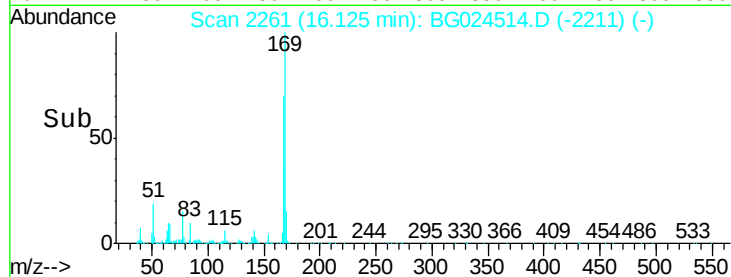
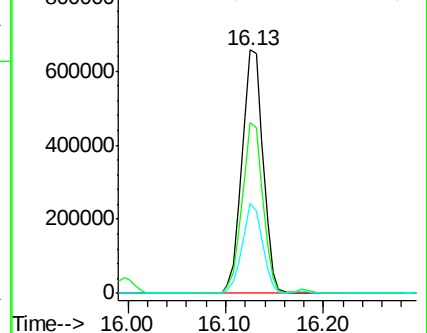
167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.90 ng

RT: 16.81 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

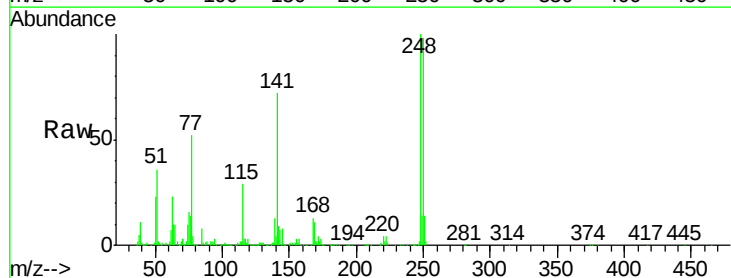
Tgt Ion:248 Resp: 431302

Ion Ratio Lower Upper

248 100

250 98.3 75.0 112.6

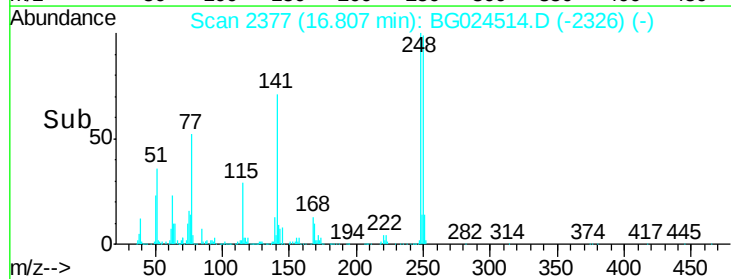
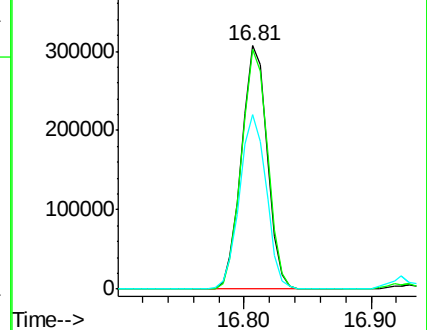
141 71.6 55.2 82.8

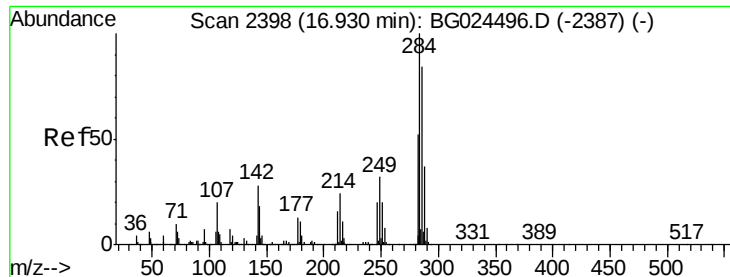


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.97 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

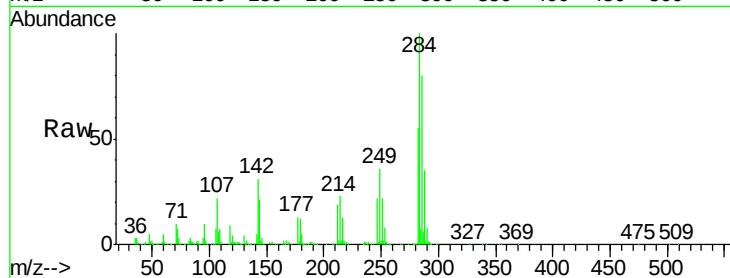
Tgt Ion:284 Resp: 466749

Ion Ratio Lower Upper

284 100

142 31.3 29.9 44.9

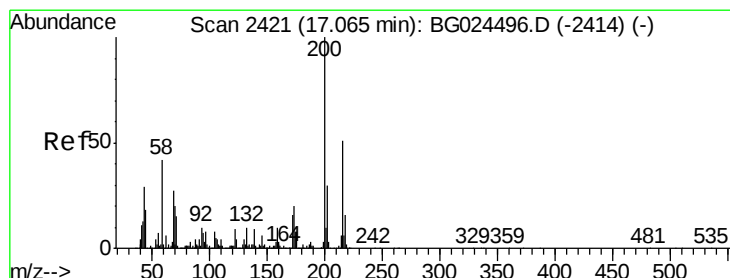
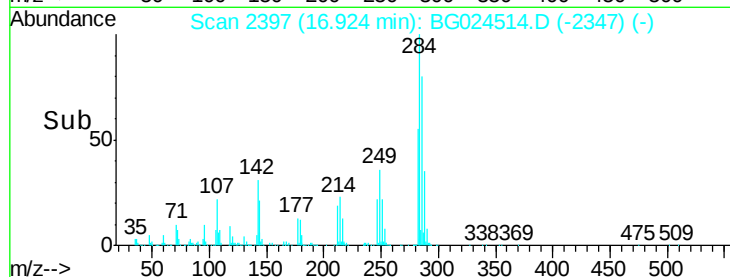
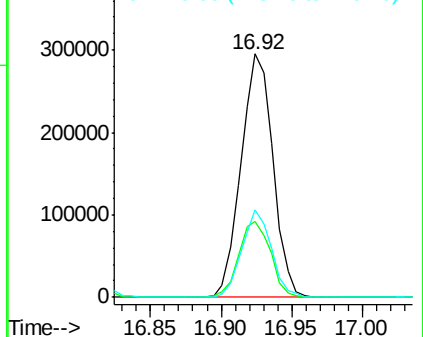
249 35.9 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.89 ng

RT: 17.07 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

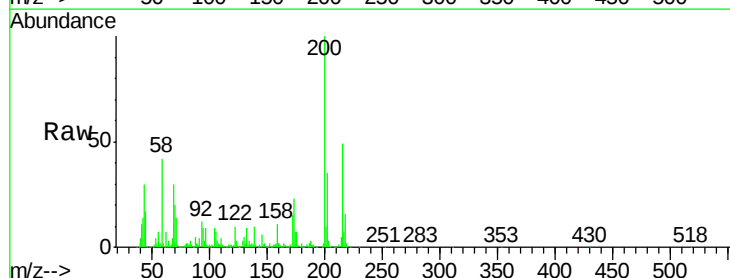
Tgt Ion:200 Resp: 444407

Ion Ratio Lower Upper

200 100

173 22.9 3.0 43.0

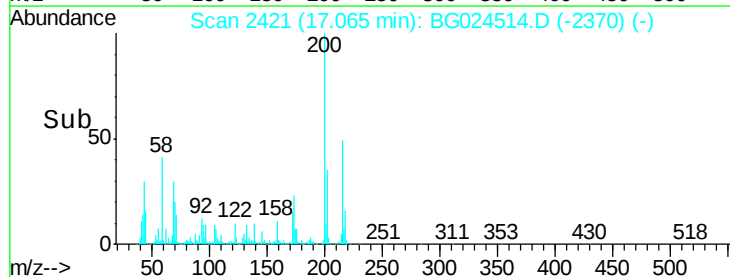
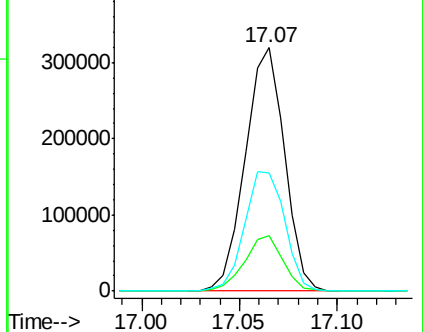
215 48.5 28.4 68.4

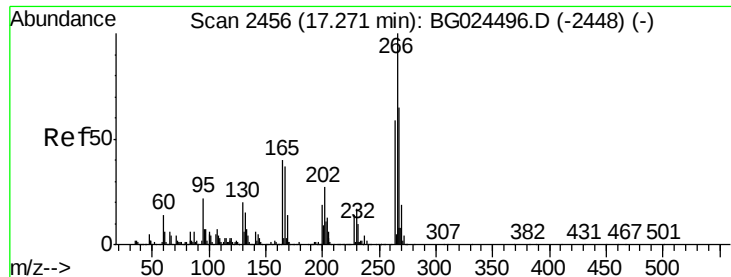


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 91.29 ng

RT: 17.27 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

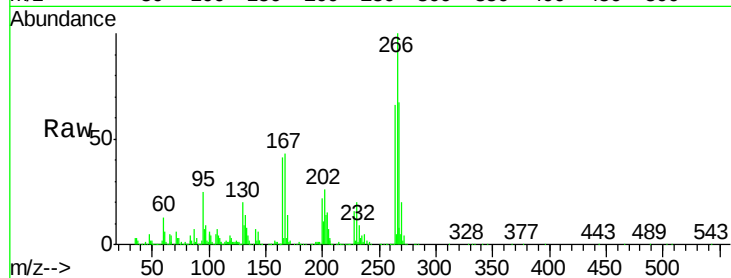
Tgt Ion:266 Resp: 639414

Ion Ratio Lower Upper

266 100

268 67.3 48.6 72.8

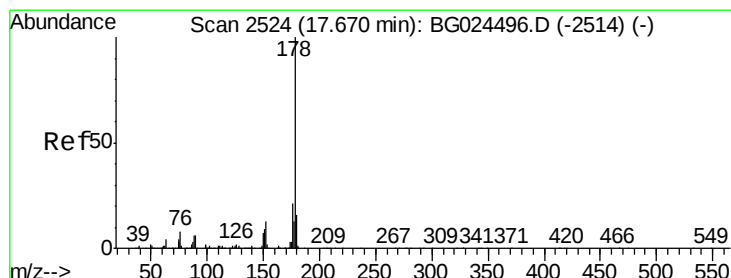
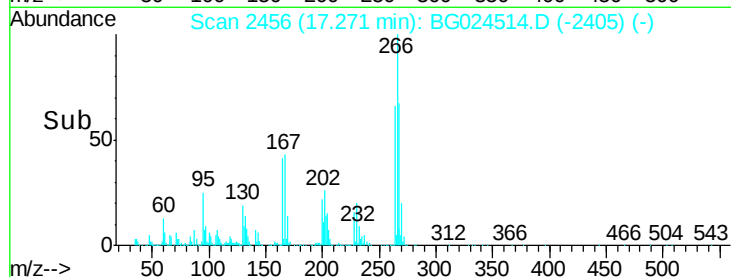
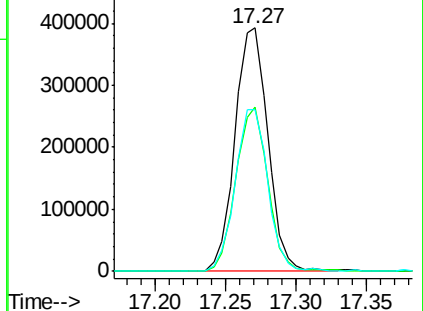
264 66.3 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.50 ng

RT: 17.67 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

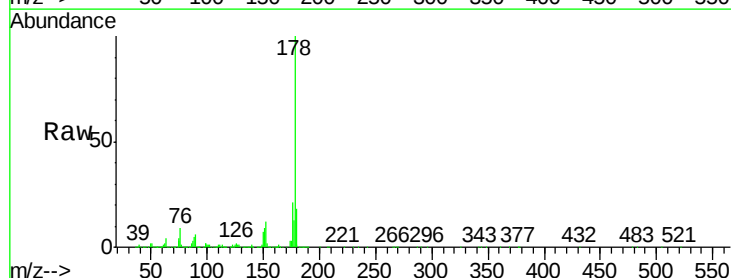
Tgt Ion:178 Resp: 1794870

Ion Ratio Lower Upper

178 100

176 21.4 17.7 26.5

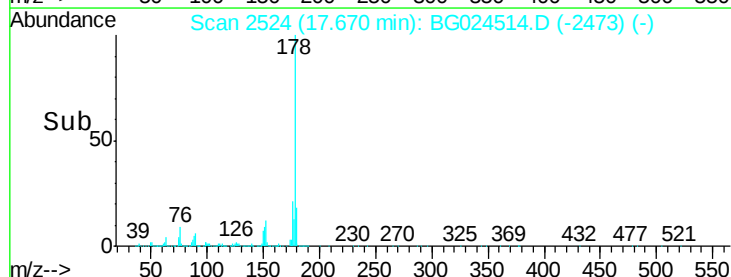
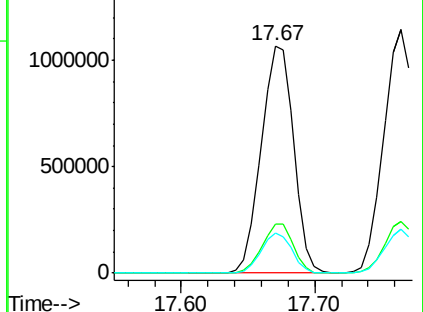
179 17.5 15.0 22.6

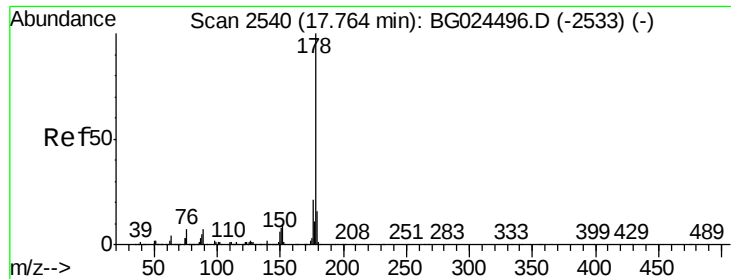


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

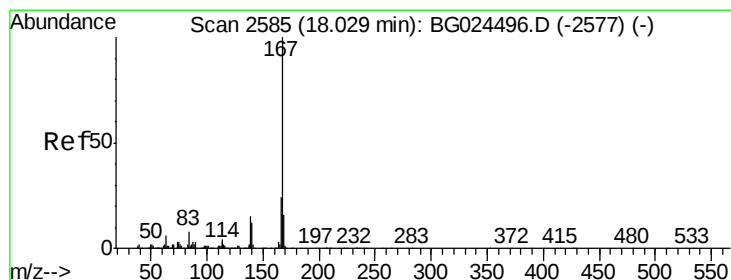
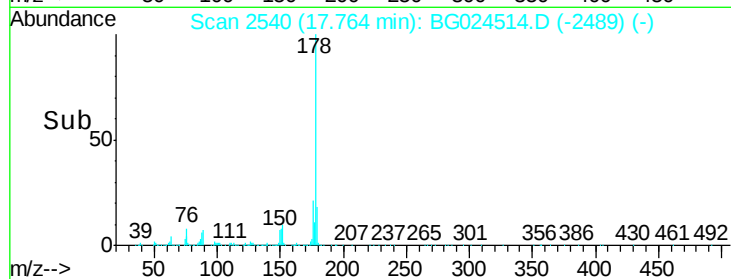
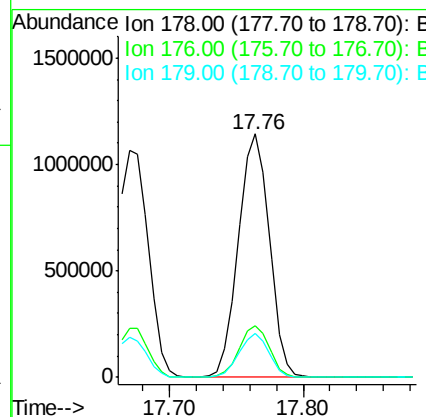
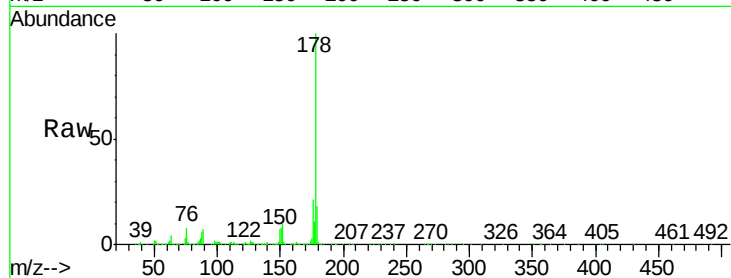




#71
 Anthracene
 Concen: 45.28 ng
 RT: 17.76 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

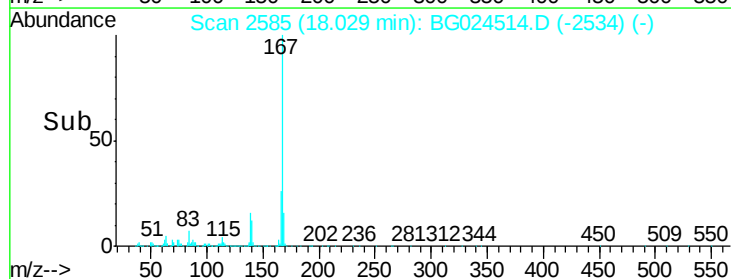
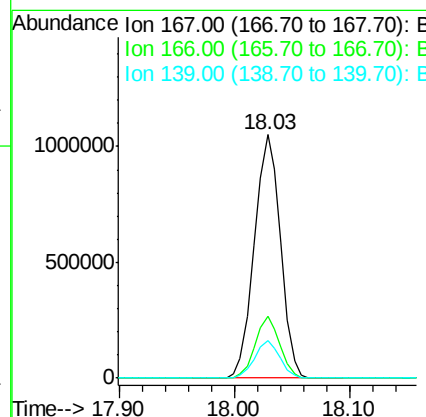
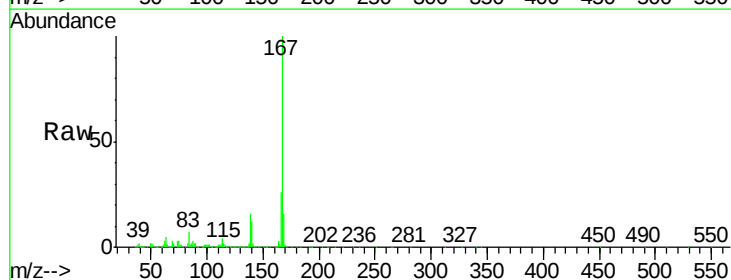
Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

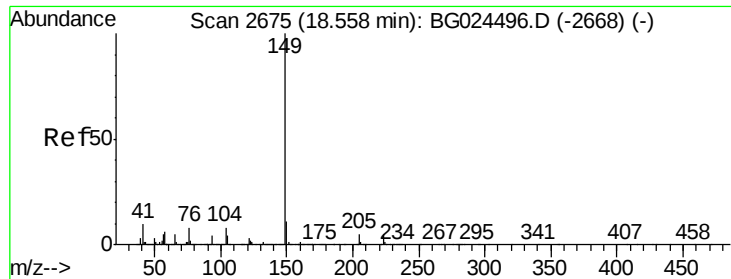
Tgt Ion:178 Resp: 1842547
 Ion Ratio Lower Upper
 178 100
 176 21.4 16.4 24.6
 179 18.2 13.8 20.8



#72
 Carbazole
 Concen: 44.66 ng
 RT: 18.03 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion:167 Resp: 1657252
 Ion Ratio Lower Upper
 167 100
 166 25.5 20.2 30.2
 139 15.6 12.8 19.2





#73

Di-n-butylphthalate

Concen: 44.55 ng

RT: 18.56 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

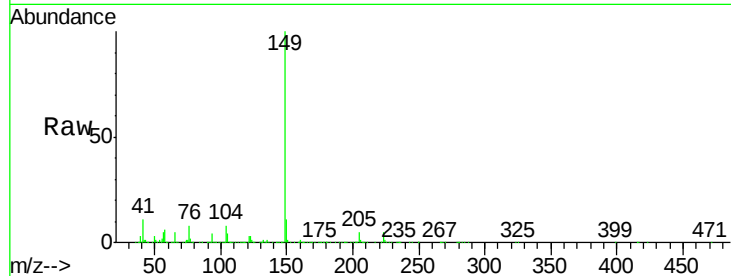
Tgt Ion:149 Resp: 1906336

Ion Ratio Lower Upper

149 100

150 11.2 9.1 13.7

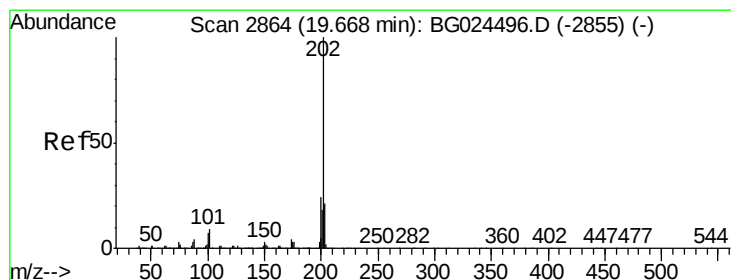
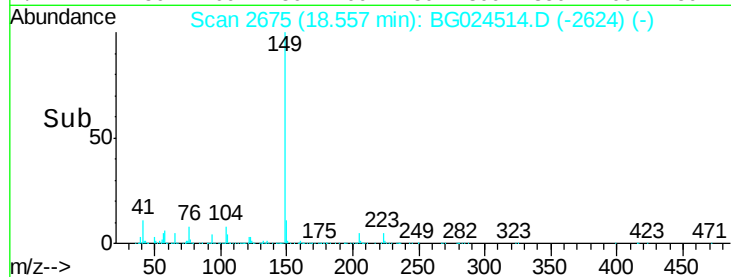
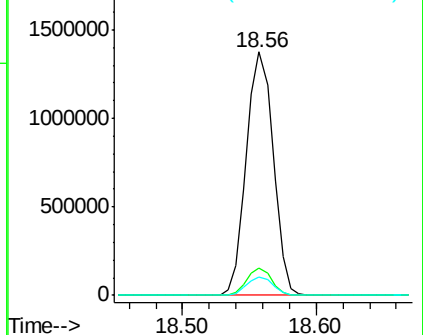
104 7.7 6.7 10.1



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: 44.47 ng

RT: 19.66 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

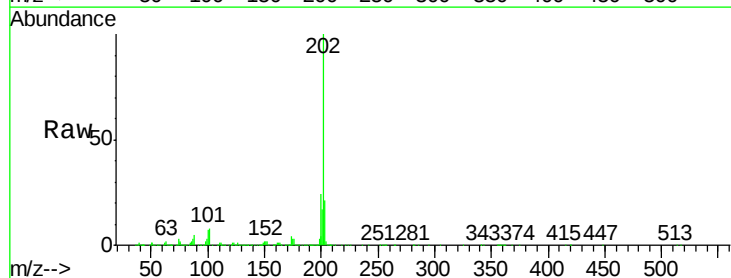
Tgt Ion:202 Resp: 2267644

Ion Ratio Lower Upper

202 100

101 8.1 0.0 30.1

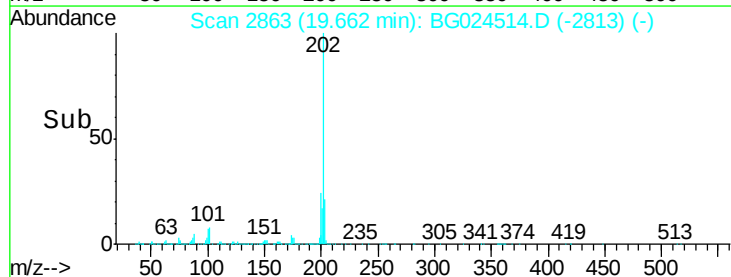
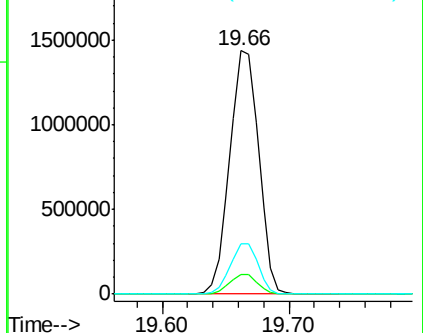
203 20.5 1.3 41.3

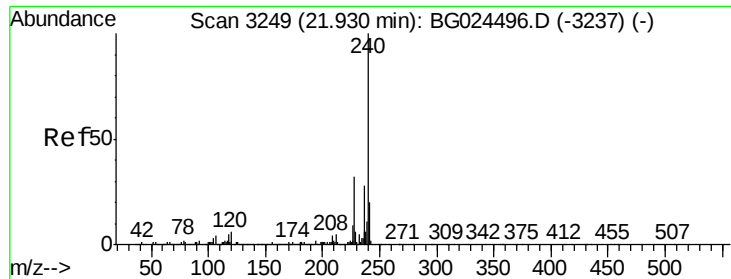


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

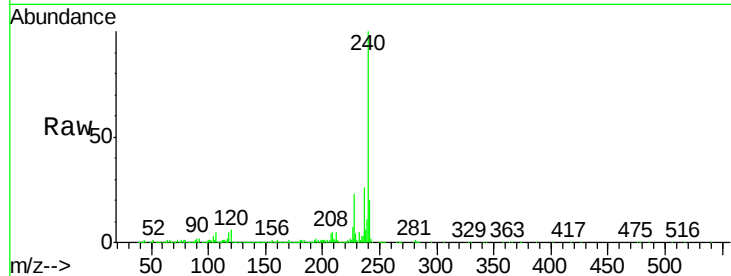
Tgt Ion:240 Resp: 1108083

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

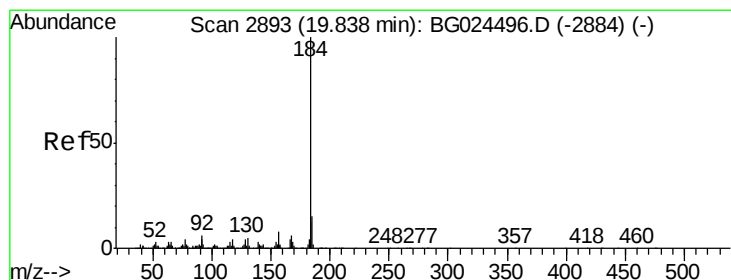
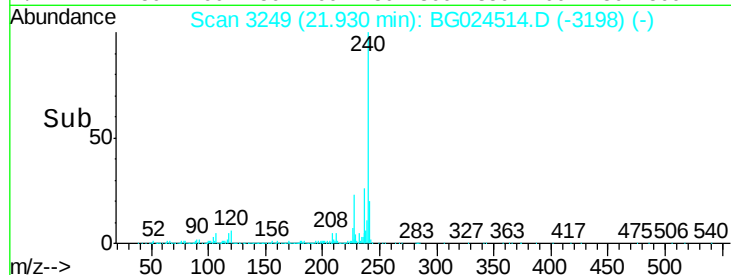
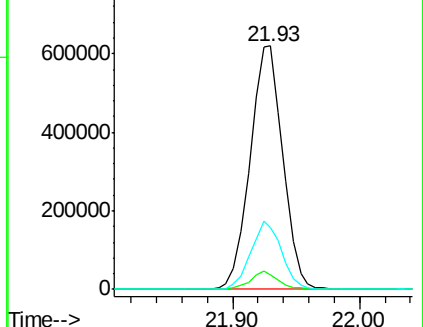
236 25.6 22.2 33.4



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: 29.26 ng

RT: 19.84 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

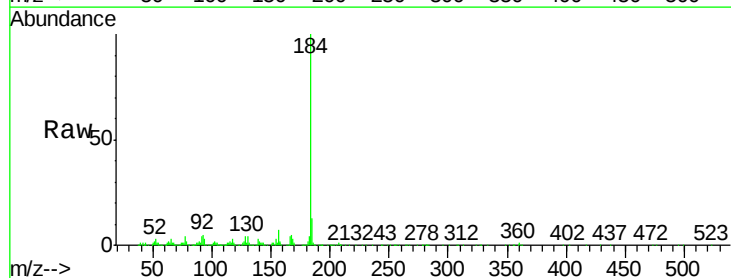
Tgt Ion:184 Resp: 763995

Ion Ratio Lower Upper

184 100

185 13.4 13.0 19.6

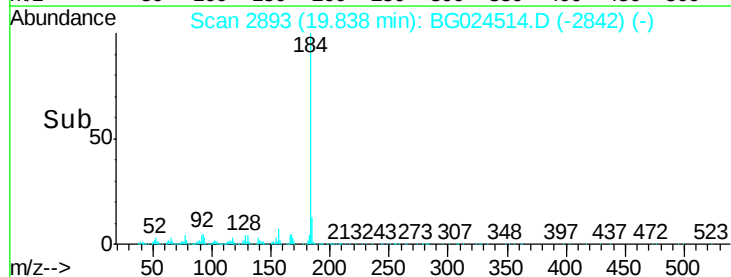
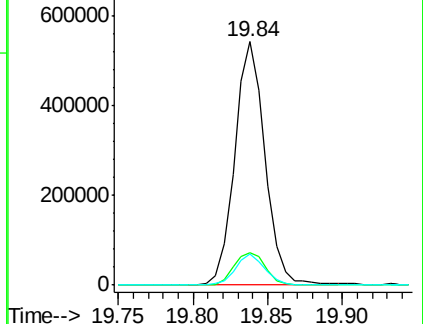
183 12.6 11.0 16.6

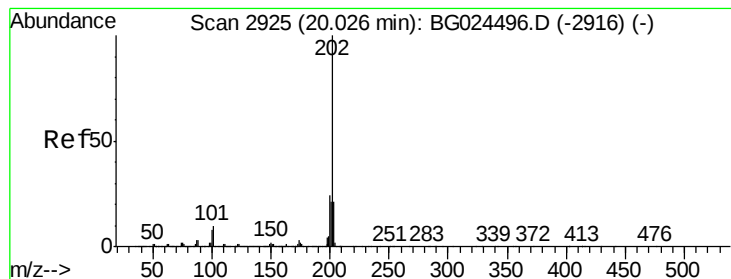


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.84 ng

RT: 20.03 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

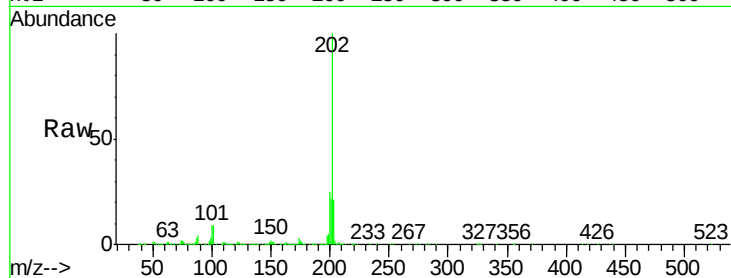
Tgt Ion:202 Resp: 2320635

Ion Ratio Lower Upper

202 100

200 25.0 19.6 29.4

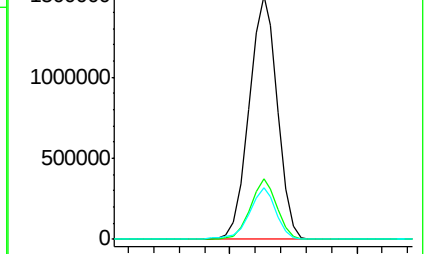
203 21.2 15.8 23.8



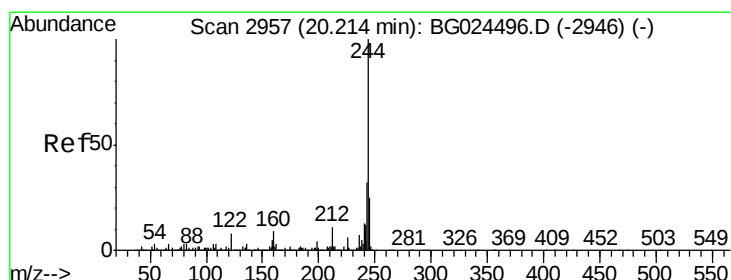
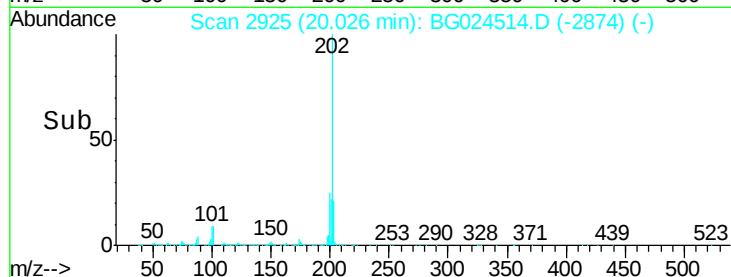
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 79.71 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

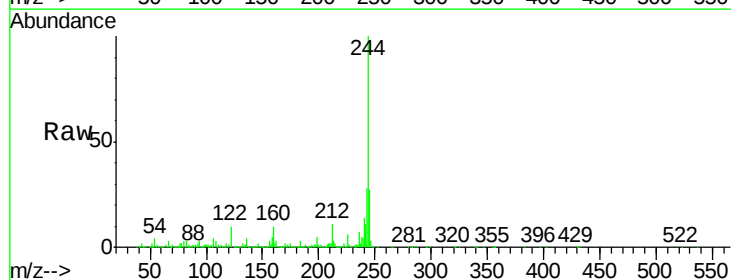
Tgt Ion:244 Resp: 2955911

Ion Ratio Lower Upper

244 100

212 11.4 10.0 15.0

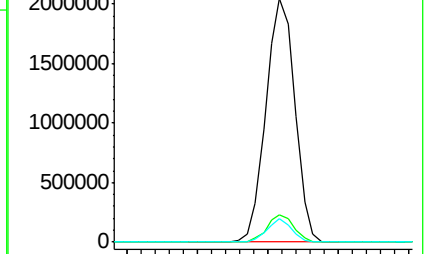
122 9.7 8.6 12.8



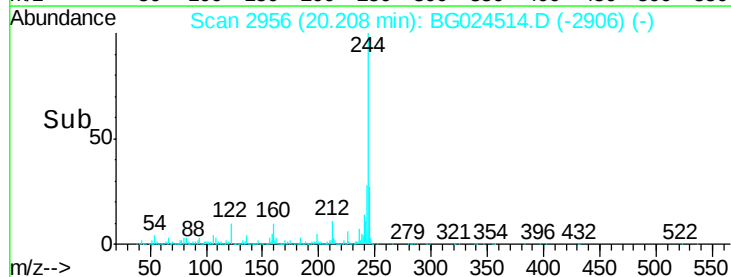
Abundance Ion 244.00 (243.70 to 244.70): E

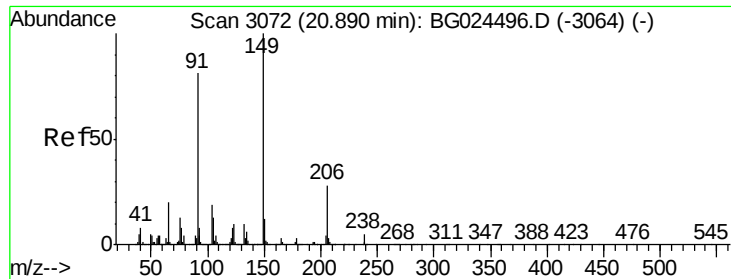
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

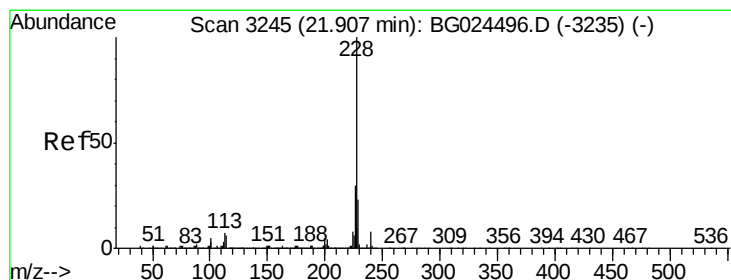
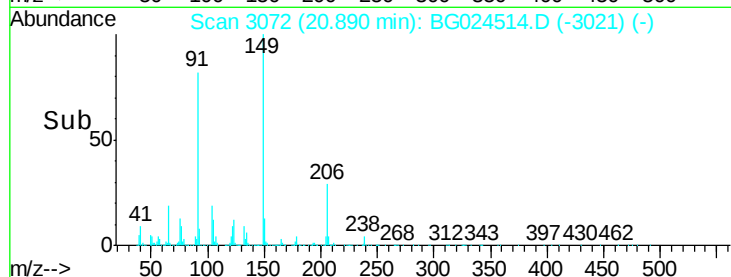
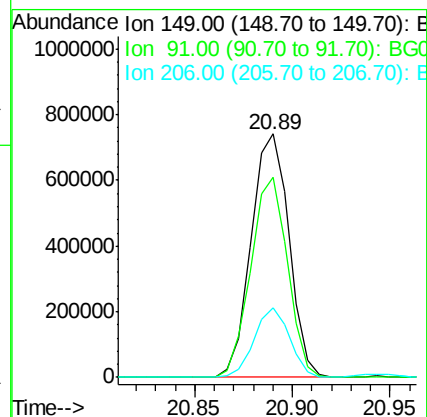
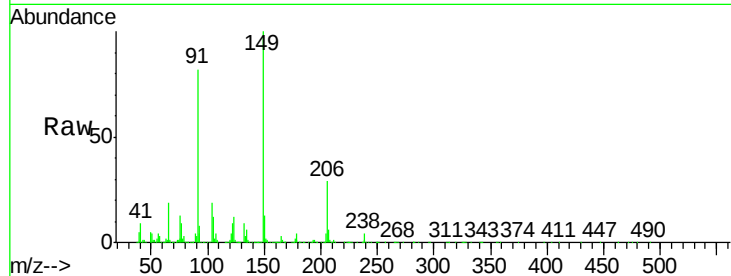




#79
Butylbenzylphthalate
Concen: 43.96 ng
RT: 20.89 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

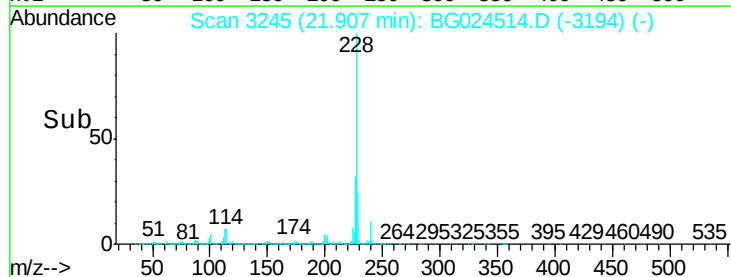
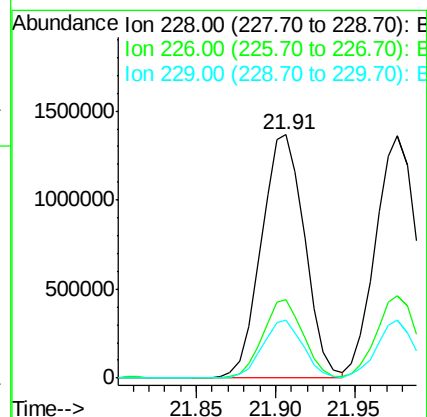
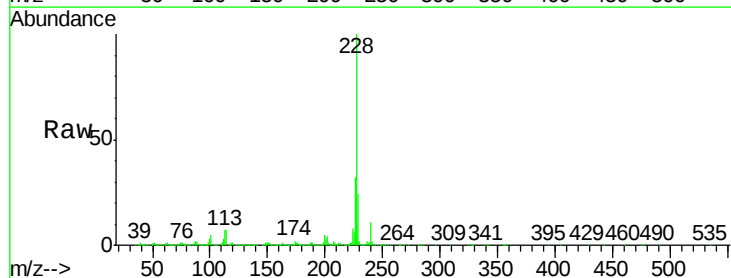
Instrument :
BNA_G
ClientSampleId :
PB94325BS

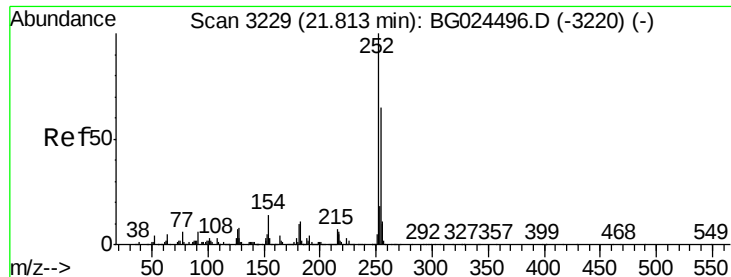
Tgt Ion:149 Resp: 992763
Ion Ratio Lower Upper
149 100
91 82.1 63.5 95.3
206 28.7 21.0 31.6



#80
Benzo(a)anthracene
Concen: 42.63 ng
RT: 21.91 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Tgt Ion:228 Resp: 2594746
Ion Ratio Lower Upper
228 100
226 32.1 24.9 37.3
229 23.6 18.2 27.2

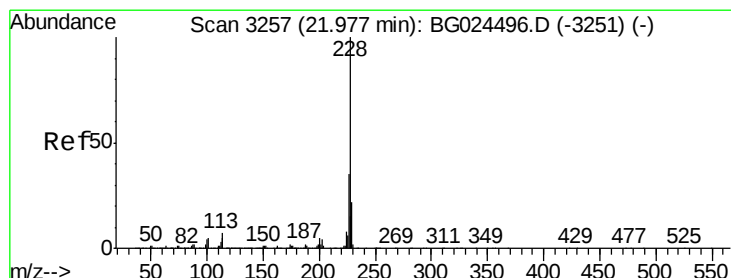
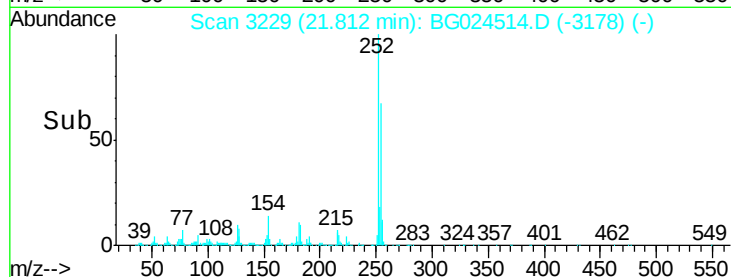
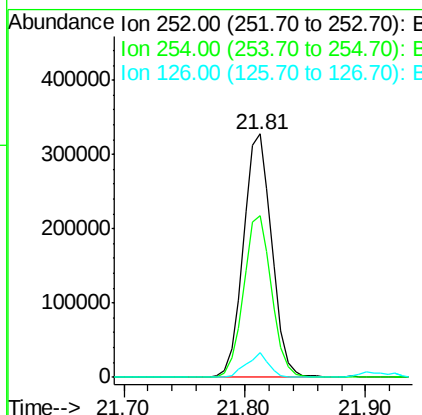
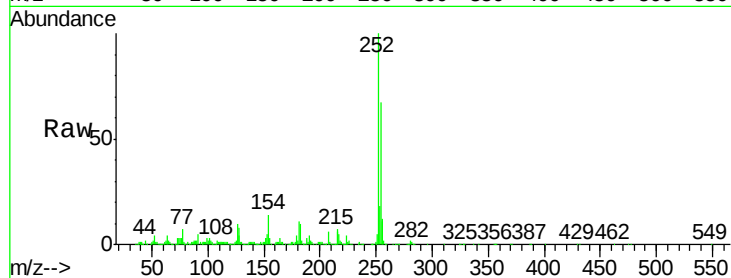




#81
 3,3'-Dichlorobenzidine
 Concen: 21.81 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

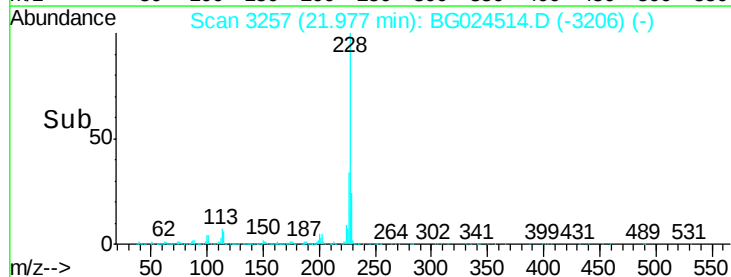
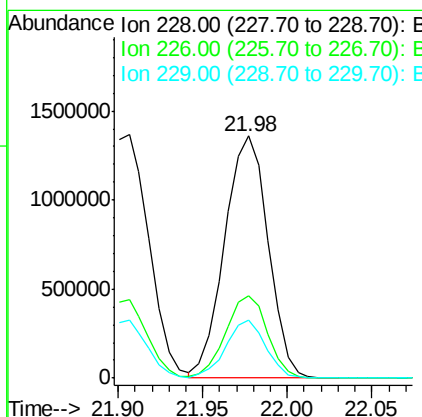
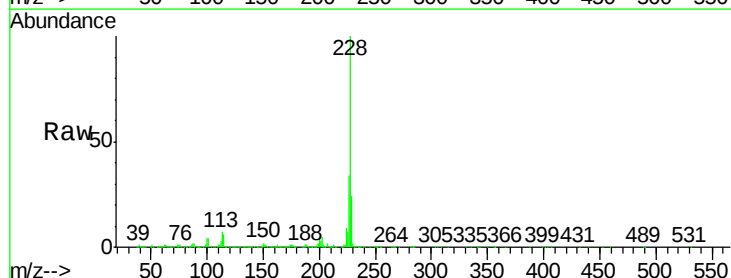
Instrument :
 BNA_G
 ClientSampled :
 PB94325BS

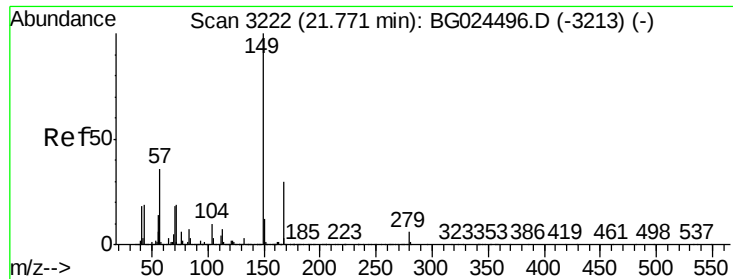
Tgt Ion: 252 Resp: 535723
 Ion Ratio Lower Upper
 252 100
 254 66.6 53.1 79.7
 126 10.3 7.0 10.4



#82
 Chrysene
 Concen: 42.00 ng
 RT: 21.98 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Tgt Ion: 228 Resp: 2435099
 Ion Ratio Lower Upper
 228 100
 226 34.2 27.0 40.4
 229 23.8 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.38 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

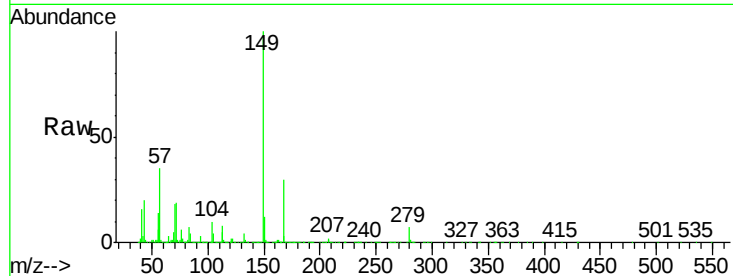
Tgt Ion:149 Resp: 1401532

Ion Ratio Lower Upper

149 100

167 30.1 23.7 35.5

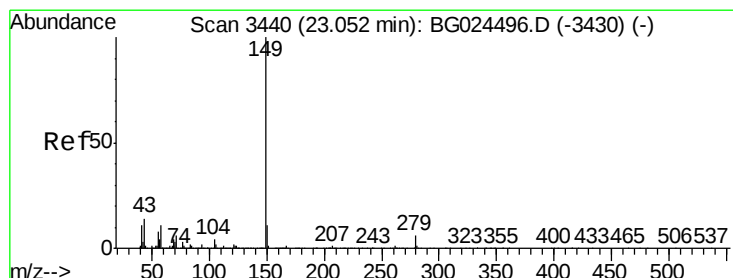
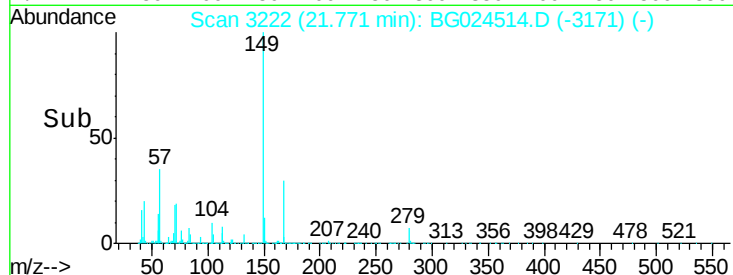
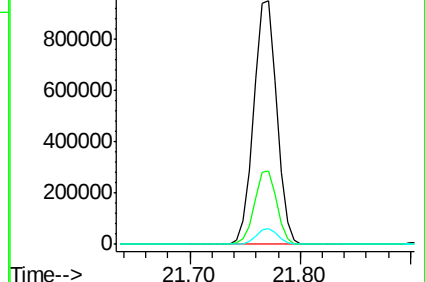
279 6.5 4.6 6.8



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: 44.58 ng

RT: 23.05 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

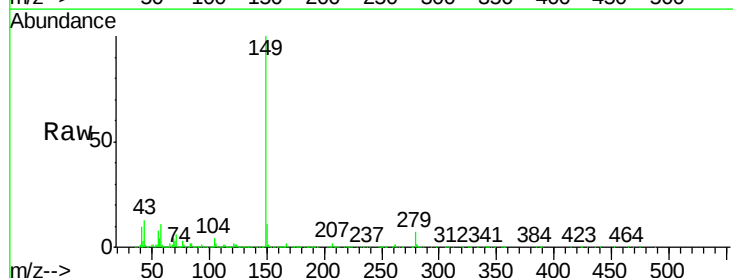
Tgt Ion:149 Resp: 2389819

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

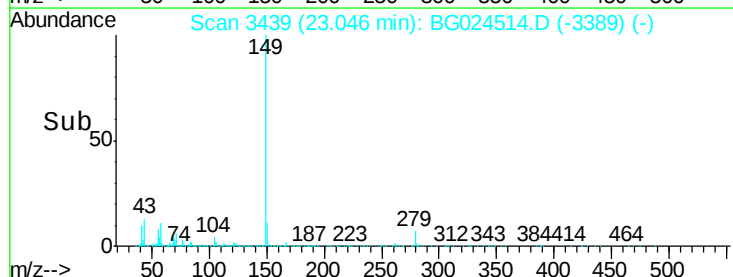
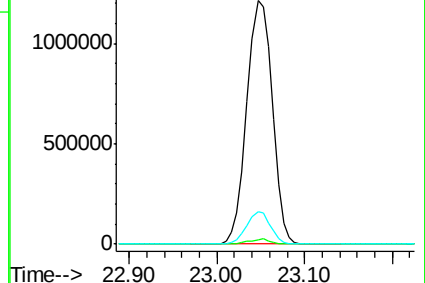
43 12.4 11.8 17.6

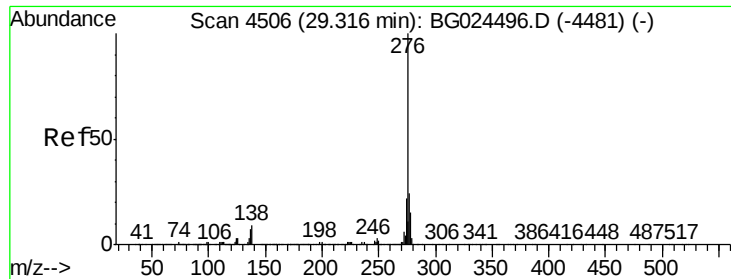


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

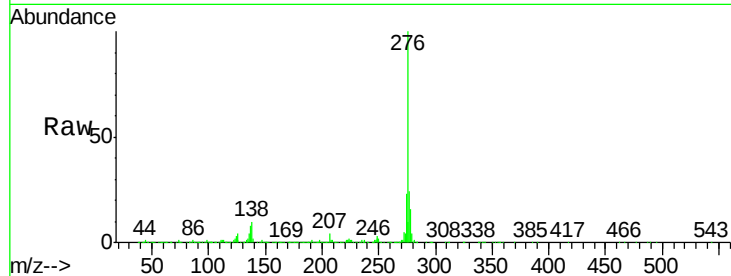




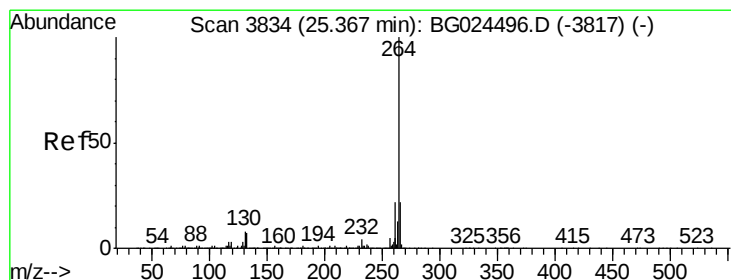
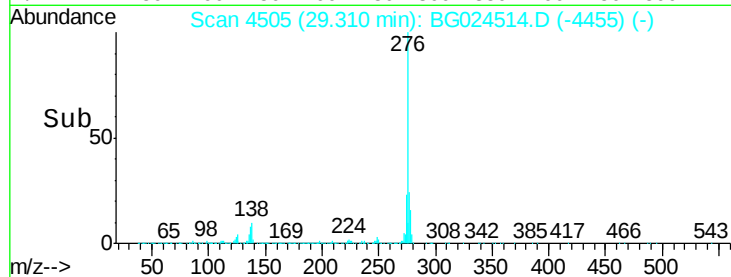
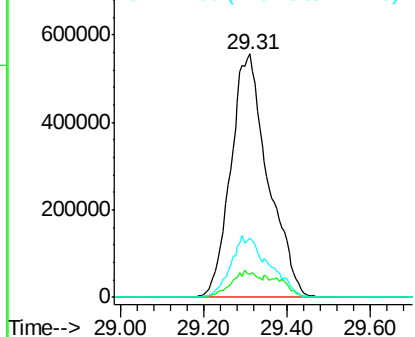
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.07 ng
RT: 29.31 min Scan# 4505
Delta R.T. -0.01 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Instrument :
BNA_G
ClientSampleId :
PB94325BS

Tgt Ion:276 Resp: 3446971
Ion Ratio Lower Upper
276 100
138 8.0 4.7 7.1#
277 11.6 20.6 31.0#

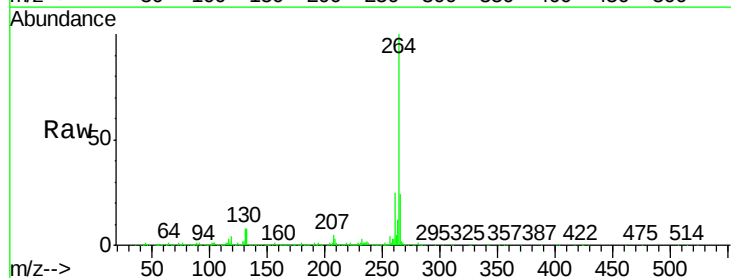


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

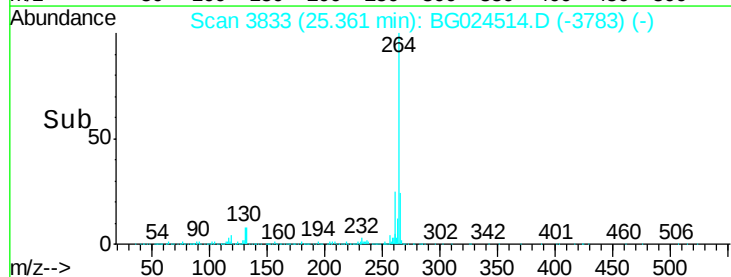
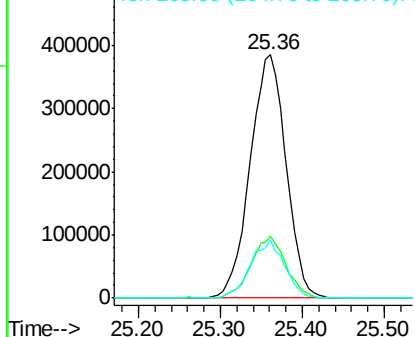


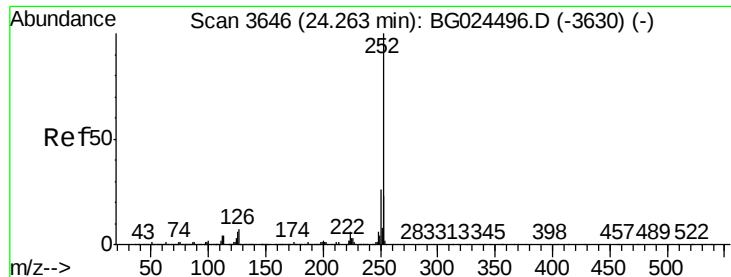
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024514.D
Acq: 26 Oct 2016 16:18

Tgt Ion:264 Resp: 1175295
Ion Ratio Lower Upper
264 100
260 25.2 21.8 32.8
265 23.7 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: 44.15 ng

RT: 24.26 min Scan# 3645

Delta R.T. -0.01 min

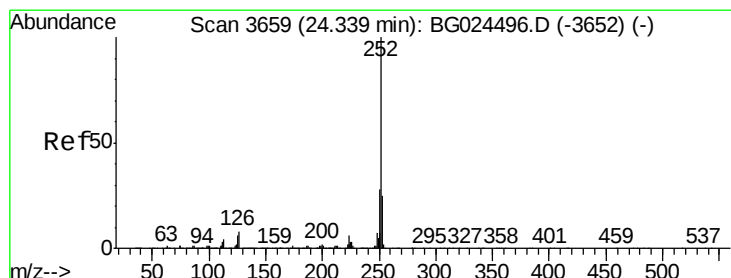
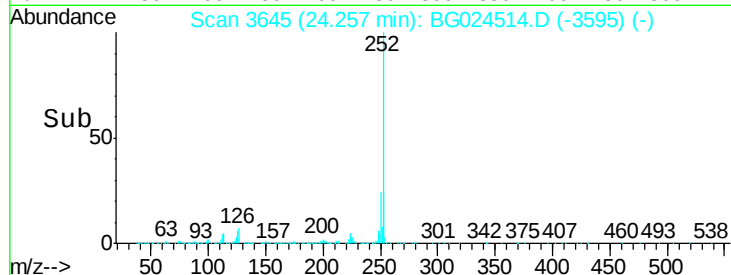
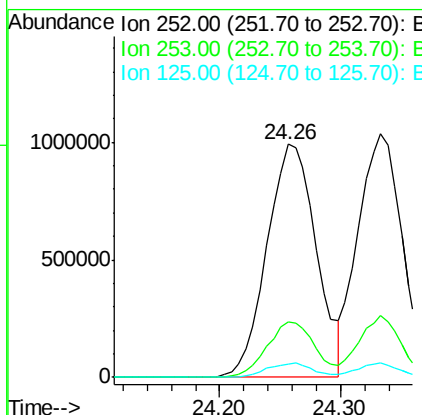
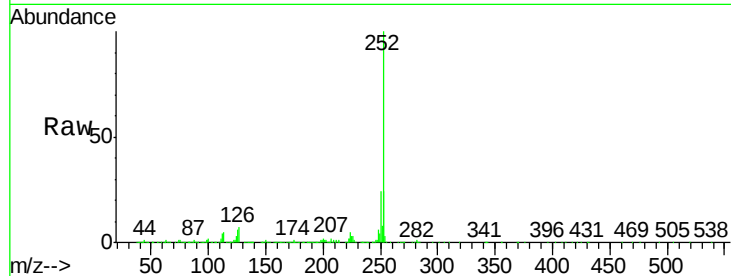
Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :
BNA_G
ClientSampleId :
PB94325BS

Tgt Ion:252 Resp: 2805059

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	5.6	5.3	7.9



#88

Benzo(k)fluoranthene

Concen: 42.54 ng

RT: 24.33 min Scan# 3658

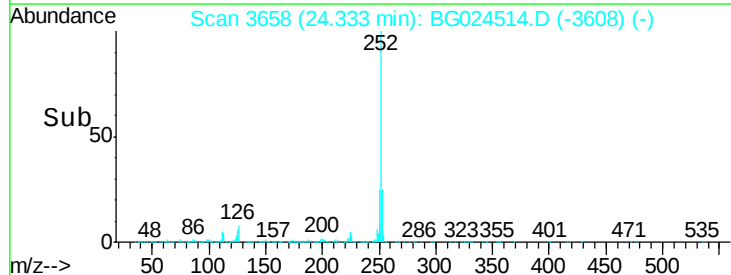
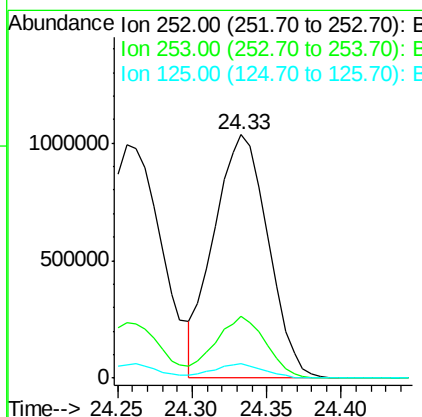
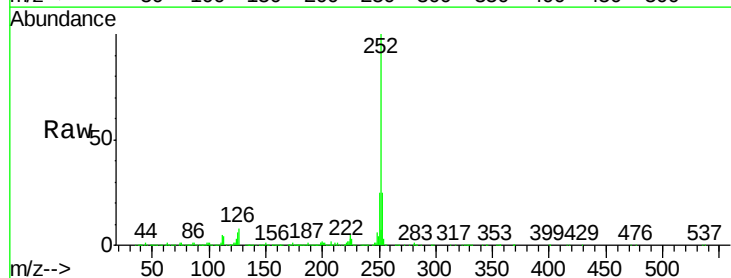
Delta R.T. -0.01 min

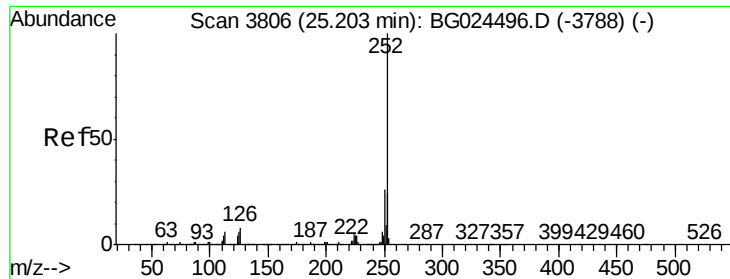
Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Tgt Ion:252 Resp: 2609816

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.2	30.2
125	5.9	5.1	7.7





#89

Benzo(a)pyrene

Concen: 43.13 ng

RT: 25.20 min Scan# 3805

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

Instrument :

BNA_G

ClientSampleId :

PB94325BS

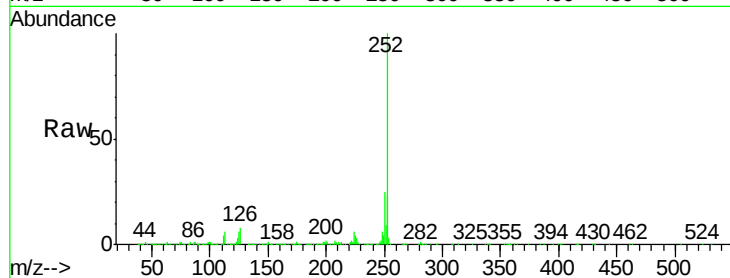
Tgt Ion:252 Resp: 2677623

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

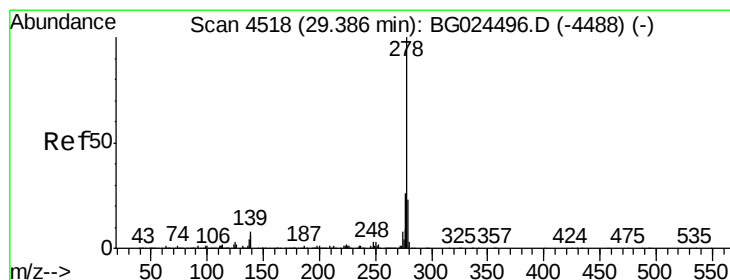
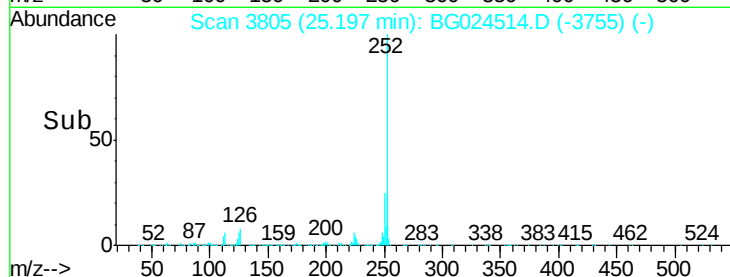
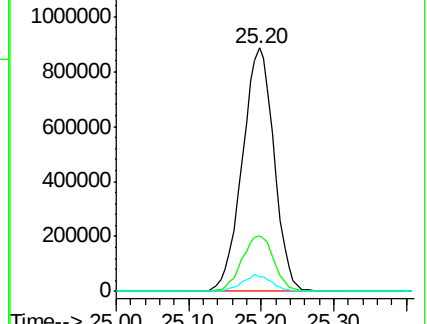
125 6.1 5.4 8.0



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: 42.51 ng

RT: 29.37 min Scan# 4516

Delta R.T. -0.01 min

Lab File: BG024514.D

Acq: 26 Oct 2016 16:18

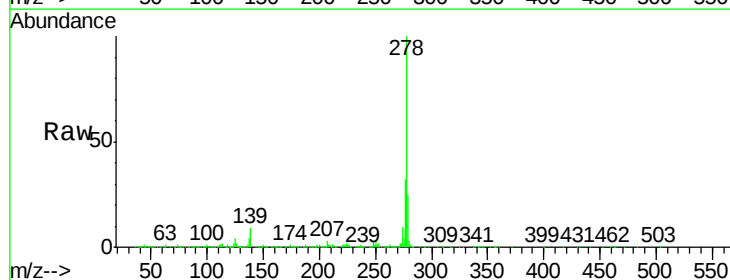
Tgt Ion:278 Resp: 2896559

Ion Ratio Lower Upper

278 100

139 9.2 7.7 11.5

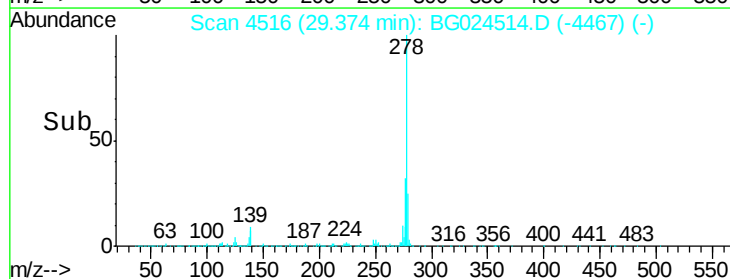
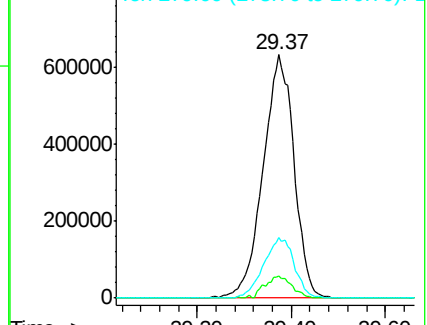
279 24.7 19.1 28.7



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: 42.17 ng
 RT: 30.56 min Scan# 4717
 Delta R.T. -0.01 min
 Lab File: BG024514.D
 Acq: 26 Oct 2016 16:18

Instrument :
 BNA_G
 ClientSampleId :
 PB94325BS

Tgt Ion: 276 Resp: 2870069
 Ion Ratio Lower Upper
 276 100
 277 25.1 18.6 27.8
 138 9.3 8.1 12.1

