

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102516\
 Data File : BG024505.D
 Acq On : 25 Oct 2016 20:09
 Operator : UM/SJ
 Sample : PB94296BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BSD

Quant Time: Oct 26 02:26:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:25:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	102883	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	407405	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	331068	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	776269	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1073588	20.00	ng	0.00
86) Perylene-d12	25.36	264	1147983	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	530495	84.51	ng	0.00
7) Phenol-d6	7.40	99	736887	85.58	ng	0.00
23) Nitrobenzene-d5	9.45	82	778188	86.97	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	438769	88.71	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1639877	82.33	ng	0.00
78) Terphenyl-d14	20.21	244	3042008	84.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.67	88	91127	35.53	ng	98
3) Pyridine	4.07	79	285251	37.15	ng	88
4) n-Nitrosodimethylamine	3.99	42	164577	41.40	ng	94
6) Aniline	7.59	93	289719	26.56	ng	96
8) 2-Chlorophenol	7.83	128	287135	44.99	ng	96
9) Benzaldehyde	7.41	77	70156	13.18	ng	92
10) Phenol	7.43	94	413552	46.59	ng	97
11) bis(2-Chloroethyl)ether	7.68	93	289104	43.36	ng	91
12) 1,3-Dichlorobenzene	8.16	146	317573	40.19	ng	93
13) 1,4-Dichlorobenzene	8.31	146	338657	43.40	ng	98
14) 1,2-Dichlorobenzene	8.63	146	315206	42.01	ng	94
15) Benzyl Alcohol	8.50	79	349489	43.63	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	495459	40.05	ng	95
17) 2-Methylphenol	8.69	107	277390	47.16	ng	94
18) Hexachloroethane	9.36	117	128752	42.92	ng	88
19) n-Nitroso-di-n-propylamine	9.07	70	279749	44.08	ng	91
20) 3+4-Methylphenols	9.02	107	375249	47.52	ng	93
22) Acetophenone	9.09	105	472642	45.16	ng	# 93
24) Nitrobenzene	9.49	77	435199	43.72	ng	95
25) Isophorone	10.00	82	770513	46.29	ng	98
26) 2-Nitrophenol	10.20	139	164903	44.63	ng	98
27) 2,4-Dimethylphenol	10.24	122	316510	48.93	ng	89
28) bis(2-Chloroethoxy)methane	10.49	93	403728	46.88	ng	97
29) 2,4-Dichlorophenol	10.73	162	331356	48.81	ng	91
30) 1,2,4-Trichlorobenzene	10.96	180	347864	43.19	ng	95
31) Naphthalene	11.15	128	875817	43.10	ng	98
32) Benzoic acid	10.35	122	216140	40.12	ng	94
33) 4-Chloroaniline	11.25	127	180112	20.41	ng	# 92
34) Hexachlorobutadiene	11.42	225	259603	41.19	ng	95
35) Caprolactam	12.01	113	68167	27.43	ng	96
36) 4-Chloro-3-methylphenol	12.34	107	400750	48.90	ng	95
37) 2-Methylnaphthalene	12.74	142	658663	44.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	450037	40.30	ng	97
40) Hexachlorocyclopentadiene	13.07	237	644976	102.57	ng	95

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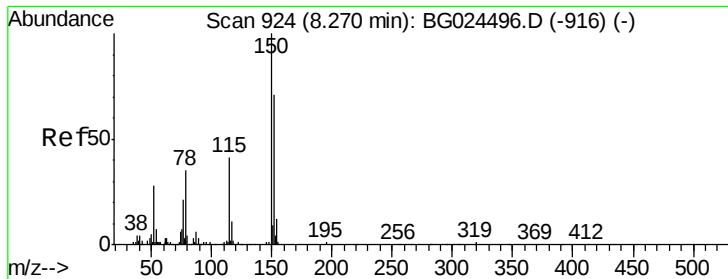
Instrument :
 BNA_G
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.32	196	318274	47.42	ng	94
43) 2,4,5-Trichlorophenol	13.40	196	326910	45.05	ng	98
45) 1,1'-Biphenyl	13.72	154	931161	40.53	ng	97
46) 2-Chloronaphthalene	13.78	162	757002	43.27	ng	97
47) 2-Nitroaniline	13.97	65	327418	45.71	ng	95
48) Acenaphthylene	14.62	152	1143352	42.62	ng	98
49) Dimethylphthalate	14.33	163	1066904	45.39	ng	97
50) 2,6-Dinitrotoluene	14.46	165	241267	48.08	ng	92
51) Acenaphthene	14.95	154	758238	37.91	ng	100
52) 3-Nitroaniline	14.79	138	131122	25.25	ng	95
53) 2,4-Dinitrophenol	14.99	184	369433	101.60	ng	94
54) Dibenzofuran	15.29	168	1226216	44.35	ng	99
55) 4-Nitrophenol	15.08	139	428576	94.74	ng	91
56) 2,4-Dinitrotoluene	15.24	165	361444	49.57	ng	# 99
57) Fluorene	15.93	166	1027328	44.81	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	375117	49.86	ng	93
59) Diethylphthalate	15.68	149	1126300	45.71	ng	97
60) 4-Chlorophenyl-phenylether	15.92	204	571226	44.40	ng	95
61) 4-Nitroaniline	15.95	138	243678	42.96	ng	95
62) Azobenzene	16.20	77	1170066	47.61	ng	98
64) 4,6-Dinitro-2-methylphenol	16.00	198	255357	47.75	ng	93
65) n-Nitrosodiphenylamine	16.13	169	963444	45.40	ng	98
66) 4-Bromophenyl-phenylether	16.81	248	420993	44.67	ng	93
67) Hexachlorobenzene	16.93	284	466883	44.84	ng	92
68) Atrazine	17.06	200	450145	49.45	ng	98
69) Pentachlorophenol	17.27	266	658395	95.82	ng	99
70) Phenanthrene	17.67	178	1774095	44.84	ng	98
71) Anthracene	17.77	178	1812302	45.40	ng	99
72) Carbazole	18.03	167	1645820	45.21	ng	98
73) Di-n-butylphthalate	18.56	149	1934145	46.08	ng	99
74) Fluoranthene	19.66	202	2268106	45.35	ng	98
76) Benzidine	19.84	184	853856	33.76	ng	96
77) Pyrene	20.03	202	2311533	44.04	ng	97
79) Butylbenzylphthalate	20.89	149	990091	45.25	ng	99
80) Benzo(a)anthracene	21.90	228	2578035	43.71	ng	100
81) 3,3'-Dichlorobenzidine	21.81	252	588506	24.73	ng	98
82) Chrysene	21.98	228	2438875	43.42	ng	98
83) Bis(2-ethylhexyl)phthalate	21.77	149	1385598	44.27	ng	96
84) Di-n-octyl phthalate	23.05	149	2377481	45.77	ng	95
85) Indeno(1,2,3-cd)pyrene	29.31	276	3367940	43.44	ng	98
87) Benzo(b)fluoranthene	24.26	252	2698838	43.66	ng	99
88) Benzo(k)fluoranthene	24.34	252	2647358	44.18	ng	98
89) Benzo(a)pyrene	25.20	252	2685538	44.29	ng	98
90) Dibenzo(a,h)anthracene	29.38	278	2825560	42.46	ng	99
91) Benzo(g,h,i)perylene	30.55	276	2809482	42.26	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

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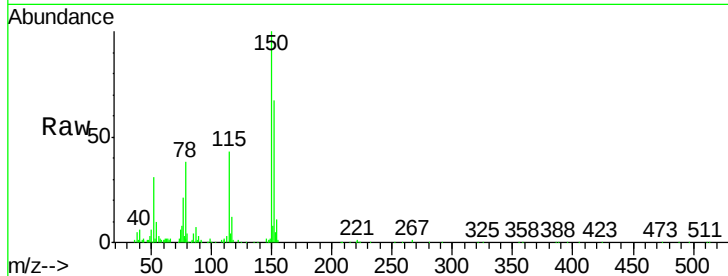
Tgt Ion:152 Resp: 102883

Ion Ratio Lower Upper

152 100

150 148.4 114.0 171.0

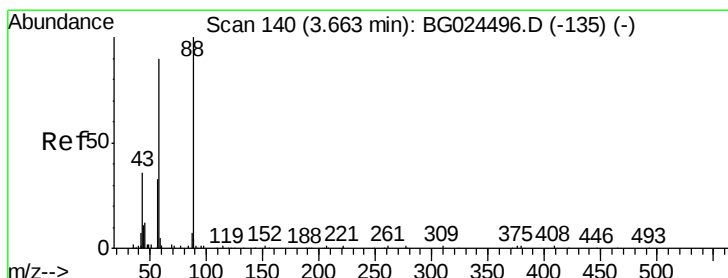
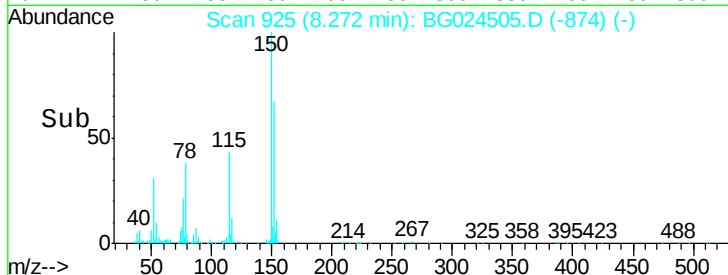
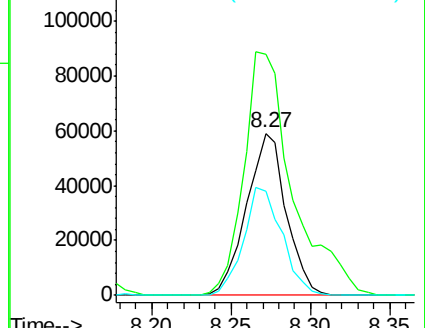
115 64.6 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.53 ng

RT: 3.67 min Scan# 141

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

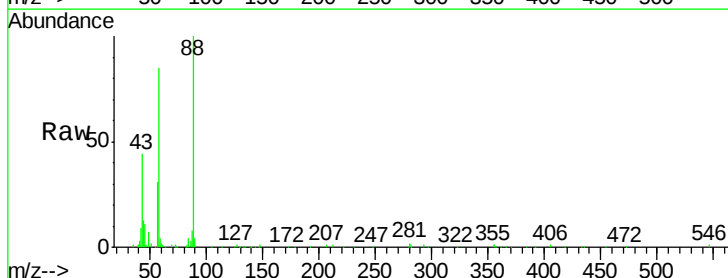
Tgt Ion: 88 Resp: 91127

Ion Ratio Lower Upper

88 100

58 98.2 79.4 119.2

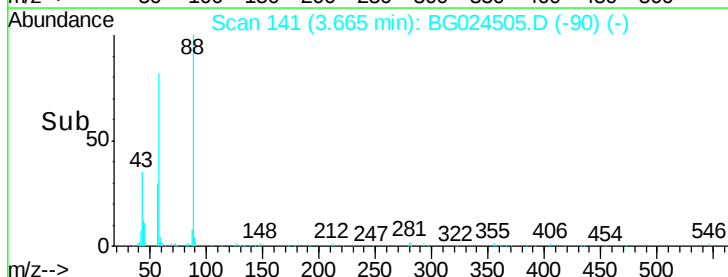
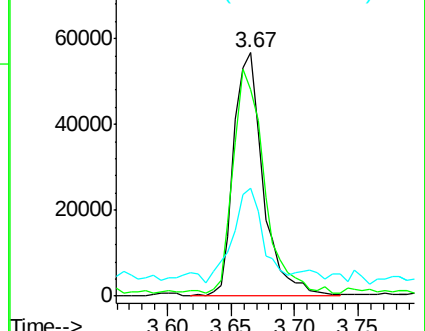
43 39.7 33.8 50.6

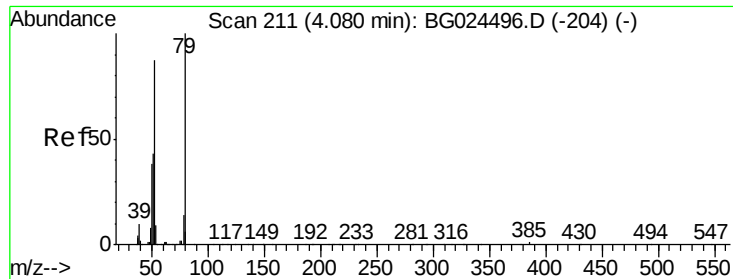


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.15 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024505.D

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PB94296BSD

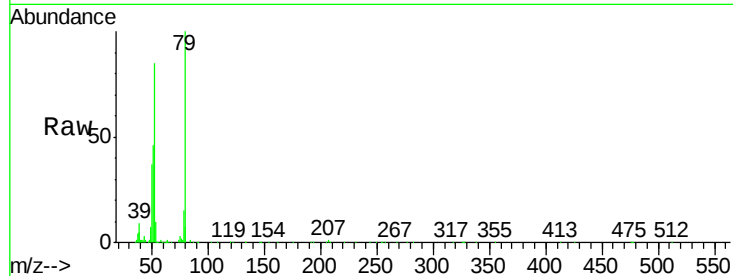
Tgt Ion: 79 Resp: 285251

Ion Ratio Lower Upper

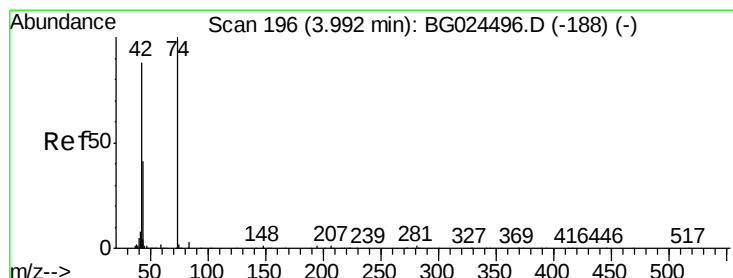
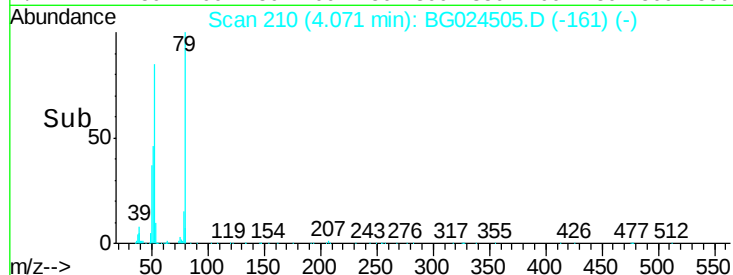
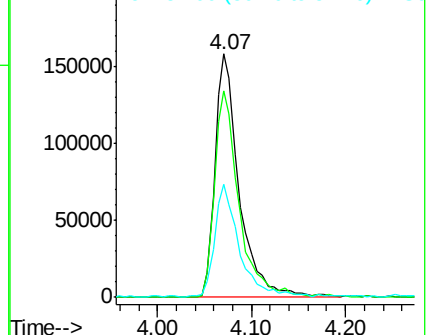
79 100

52 85.0 77.8 116.6

51 46.4 43.2 64.8



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



#4

n-Nitrosodimethylamine

Concen: 41.40 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

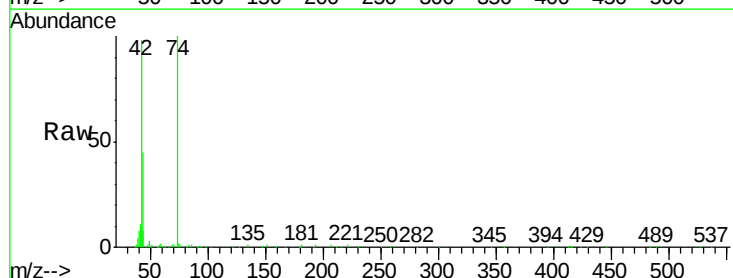
Tgt Ion: 42 Resp: 164577

Ion Ratio Lower Upper

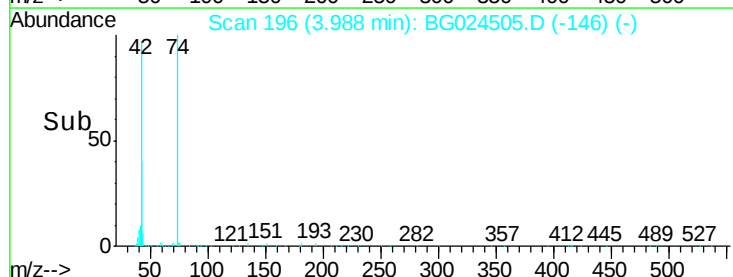
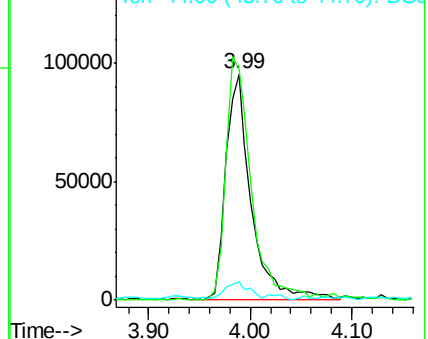
42 100

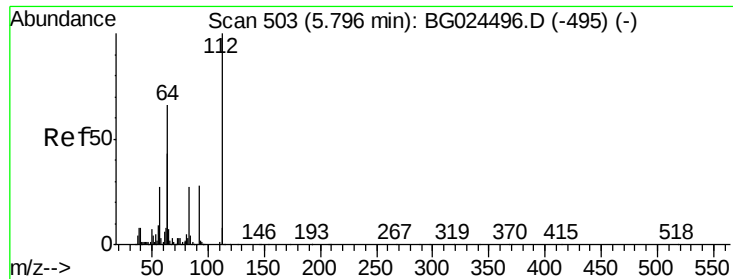
74 101.8 76.7 115.1

44 7.9 6.1 9.1



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





#5

2-Fluorophenol

Concen: 84.51 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

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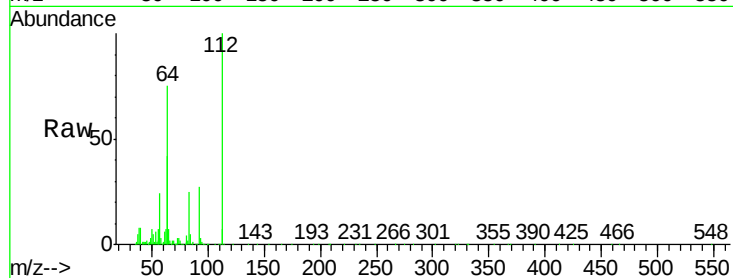
Tgt Ion: 112 Resp: 530495

Ion Ratio Lower Upper

112 100

64 74.6 61.8 92.6

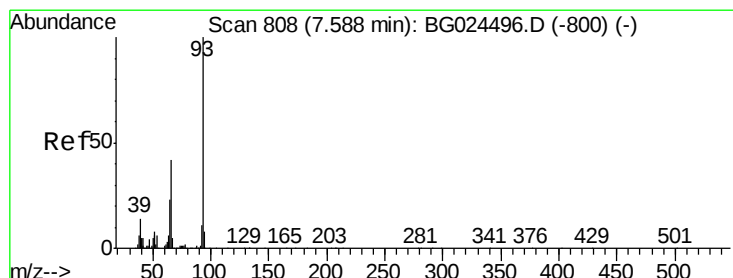
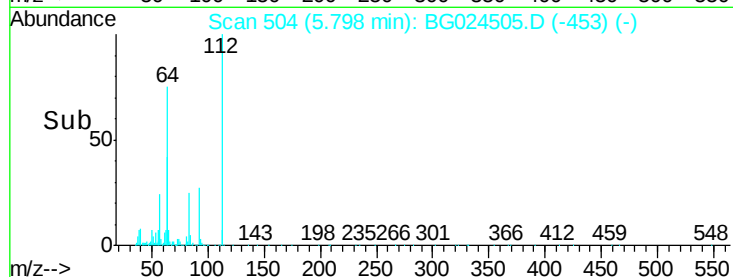
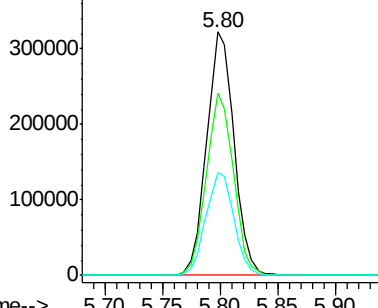
63 42.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.56 ng

RT: 7.59 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

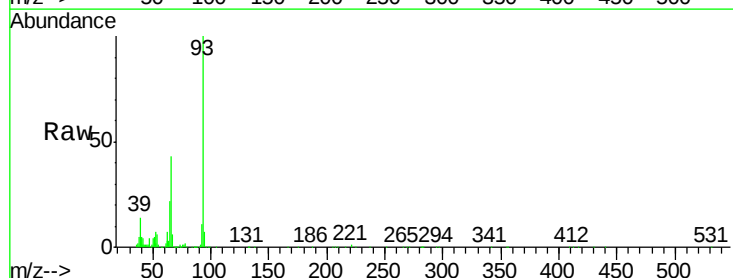
Tgt Ion: 93 Resp: 289719

Ion Ratio Lower Upper

93 100

66 43.4 35.4 53.2

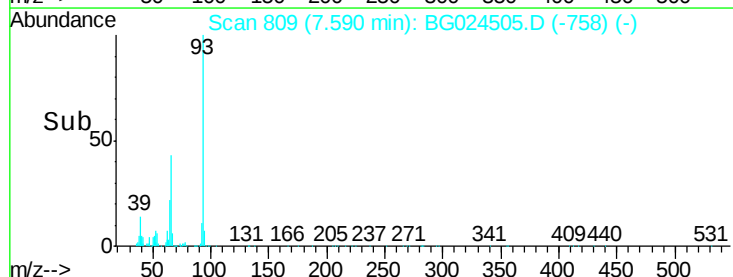
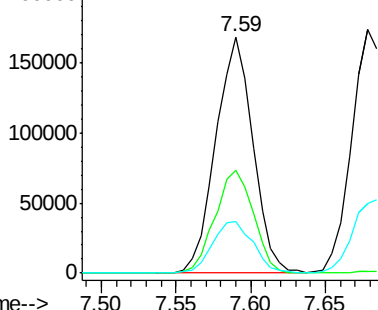
65 21.7 21.2 31.8

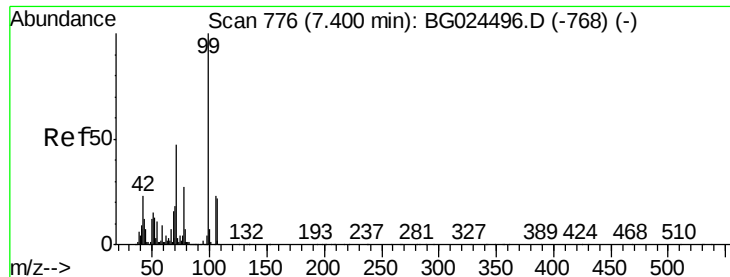


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.58 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

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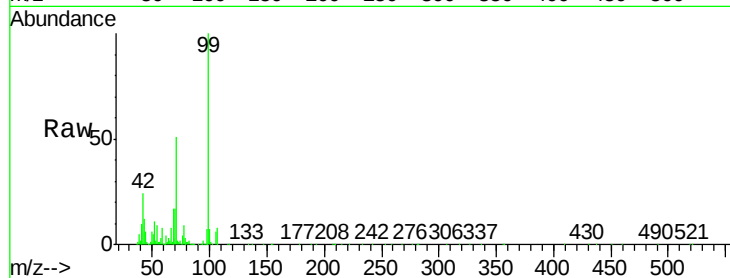
Tgt Ion: 99 Resp: 736887

Ion Ratio Lower Upper

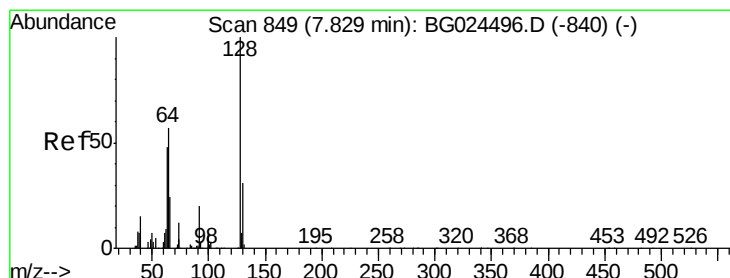
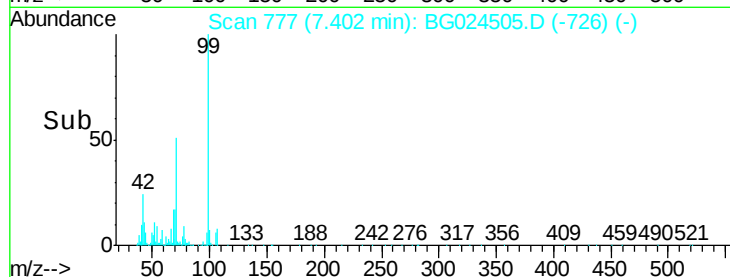
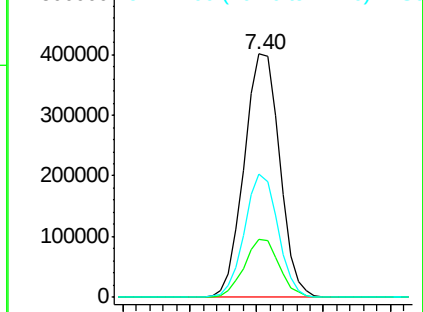
99 100

42 23.8 20.5 30.7

71 50.8 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: 44.99 ng

RT: 7.83 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

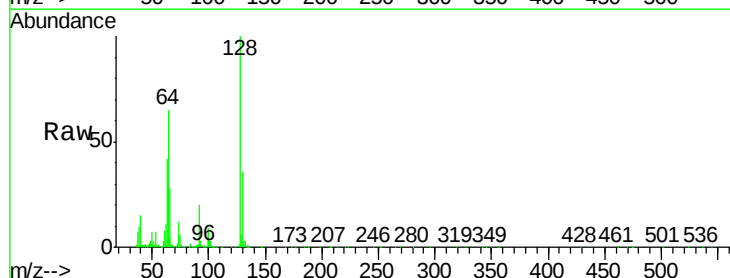
Tgt Ion: 128 Resp: 287135

Ion Ratio Lower Upper

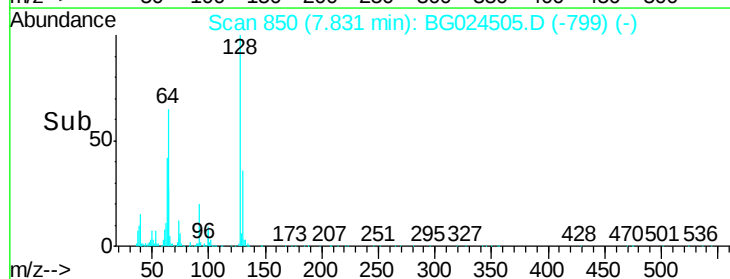
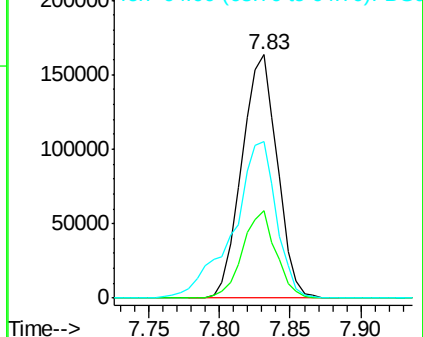
128 100

130 36.1 11.4 51.4

64 64.5 46.6 86.6



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





#9

Benzaldehyde

Concen: 13.18 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

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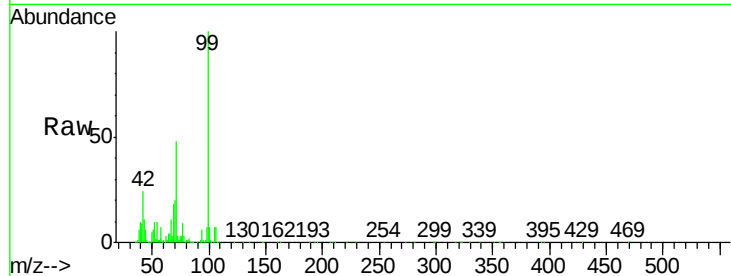
Tgt Ion: 77 Resp: 70156

Ion Ratio Lower Upper

77 100

105 72.4 60.9 100.9

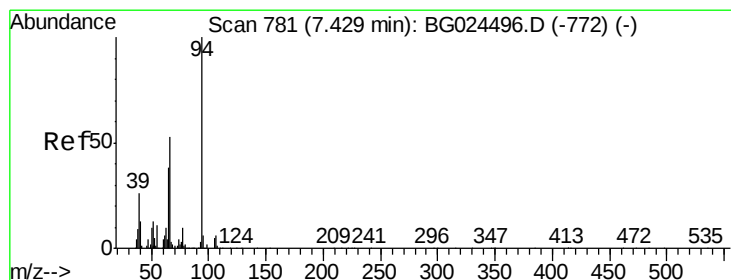
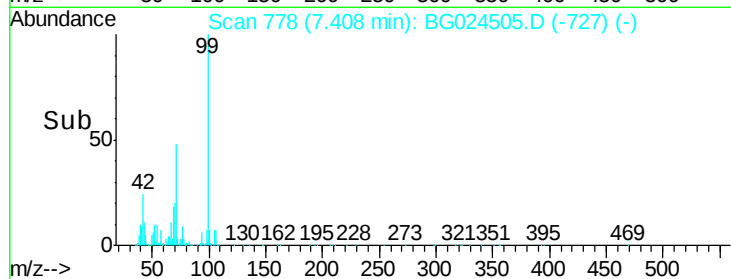
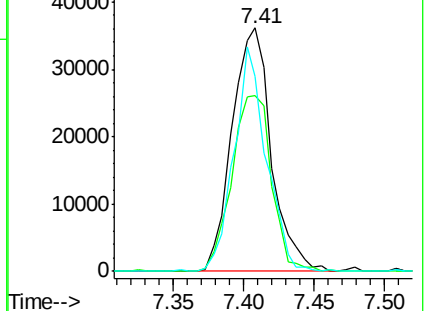
106 79.9 55.1 95.1



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: 46.59 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

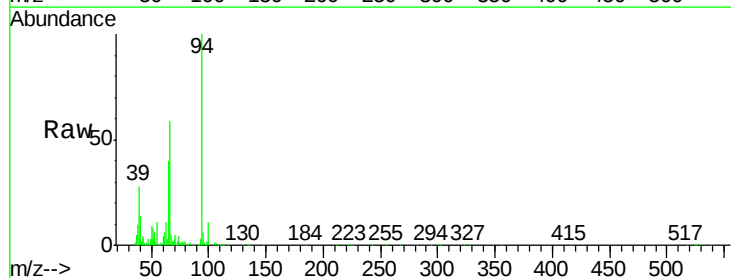
Tgt Ion: 94 Resp: 413552

Ion Ratio Lower Upper

94 100

65 40.2 20.6 60.6

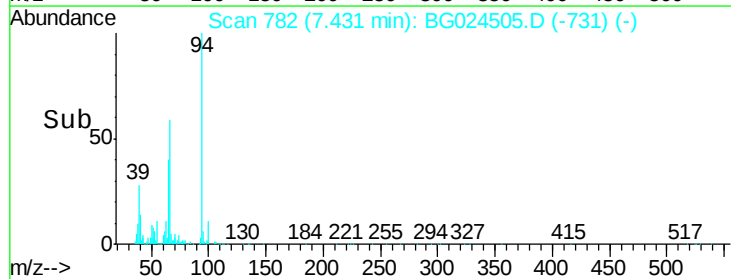
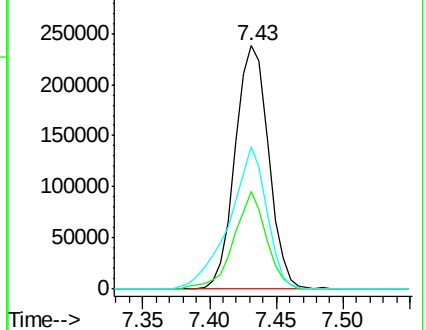
66 58.7 35.5 75.5

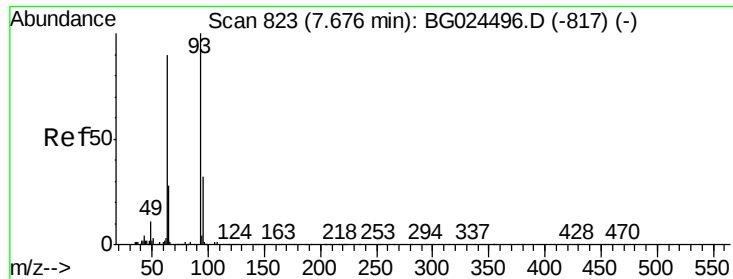


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

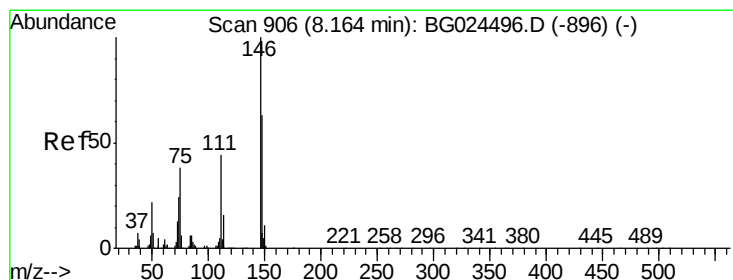
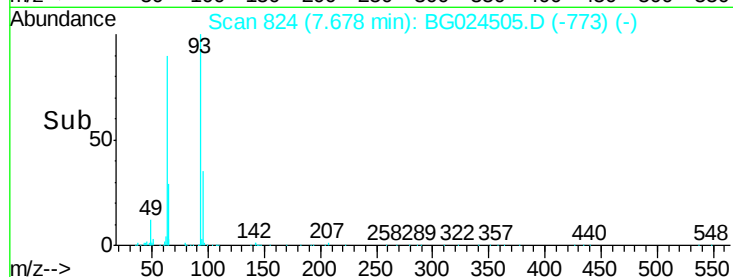
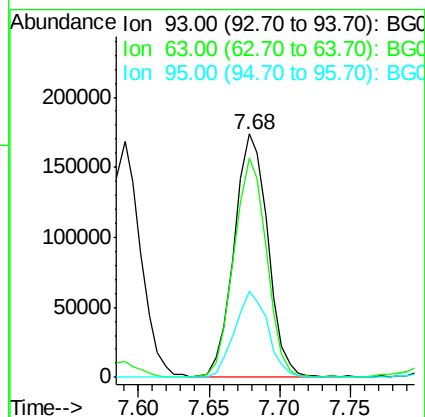
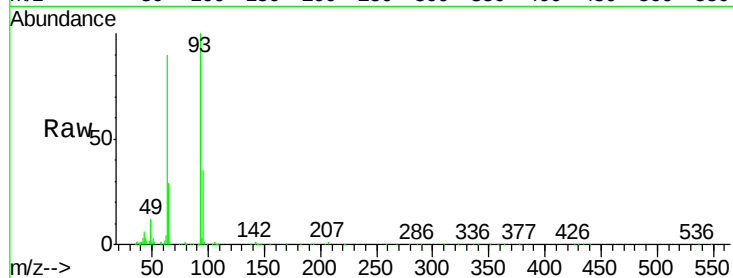




#11
bis(2-Chloroethyl)ether
Concen: 43.36 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

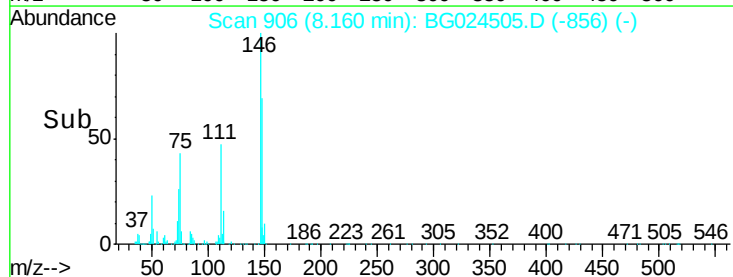
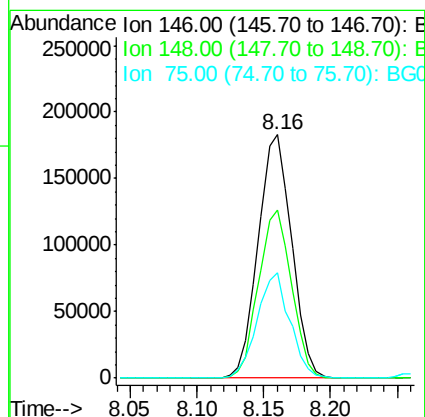
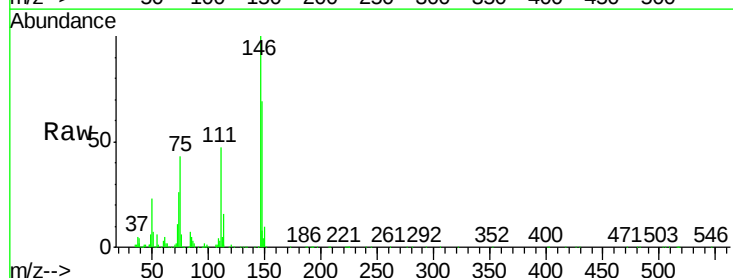
Instrument :
BNA_G
ClientSampleId :
PB94296BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.1	78.5	118.5
95	35.3	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 40.19 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.2	49.2	73.8
75	43.1	33.4	50.2

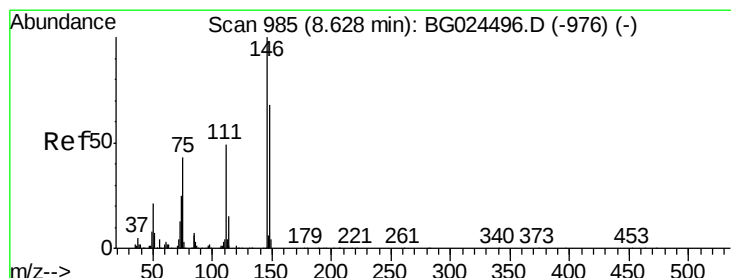
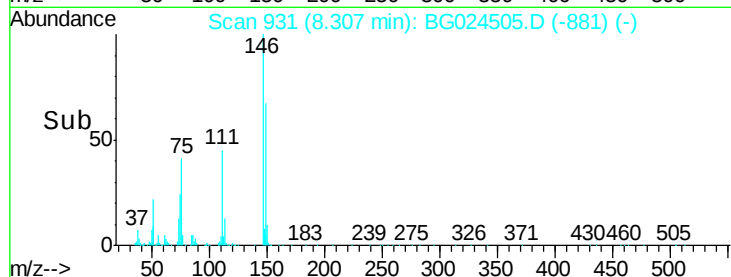
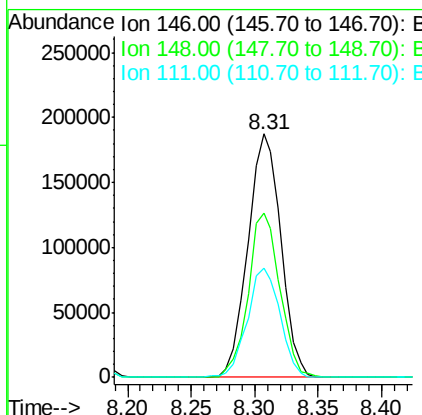
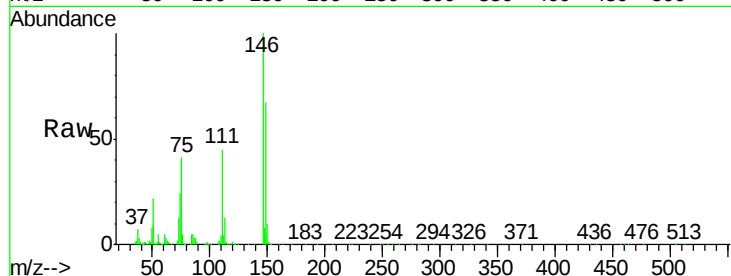




#13
1,4-Dichlorobenzene
Concen: 43.40 ng
RT: 8.31 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

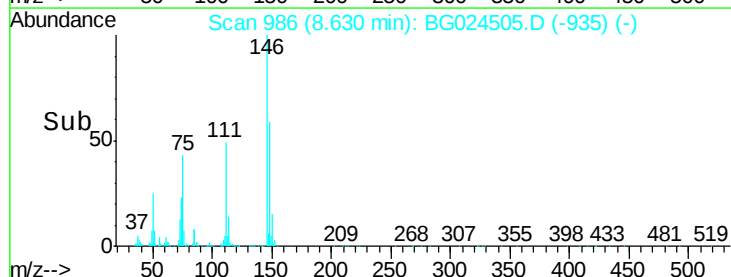
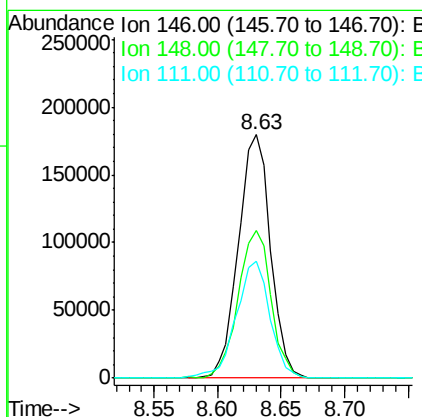
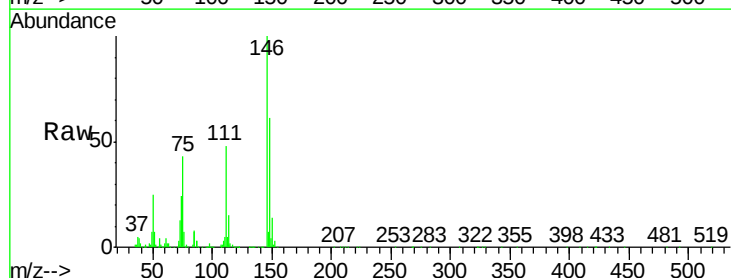
Instrument :
BNA_G
ClientSampleId :
PB94296BSD

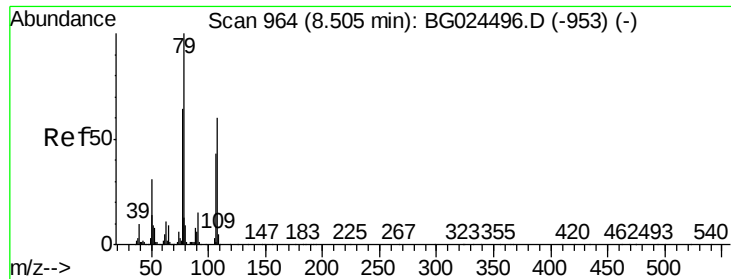
Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	52.2	78.2
111	45.1	37.0	55.6



#14
1,2-Dichlorobenzene
Concen: 42.01 ng
RT: 8.63 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	54.6	81.8
111	48.1	39.7	59.5

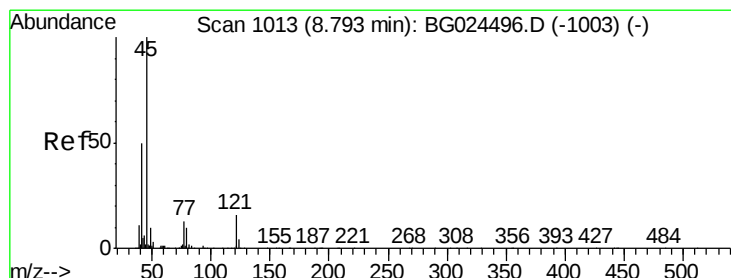
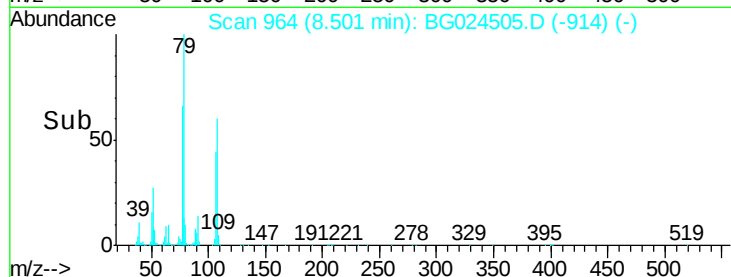
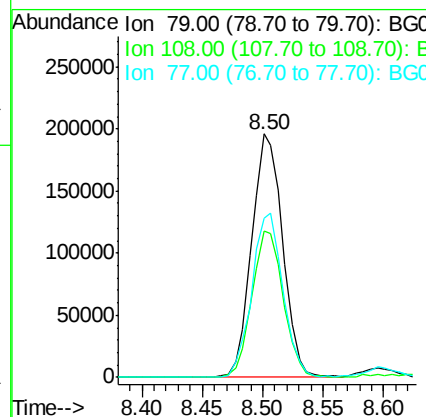
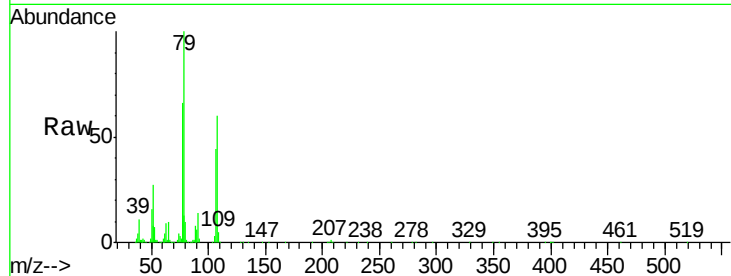




#15
Benzyl Alcohol
Concen: 43.63 ng
RT: 8.50 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

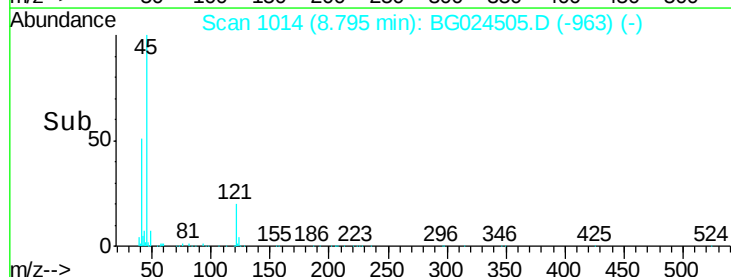
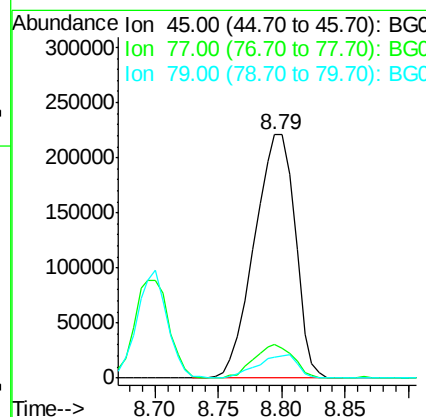
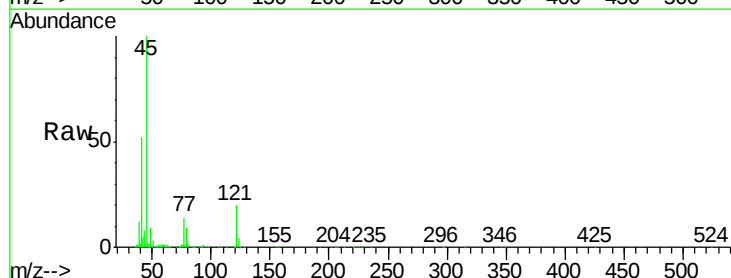
Instrument :
BNA_G
ClientSampleId :
PB94296BSD

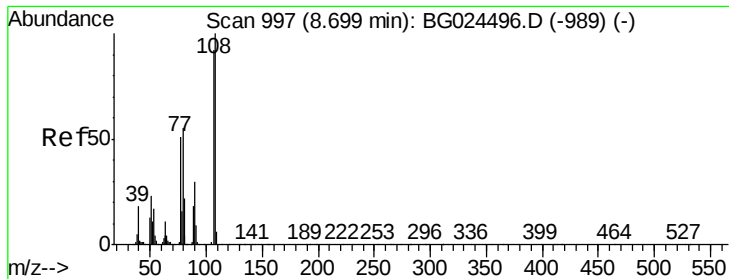
Tgt Ion	Ratio	Lower	Upper
79	100		
108	60.0	45.5	68.3
77	65.5	54.3	81.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.05 ng
RT: 8.79 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	30.6
79	8.8	0.0	28.5

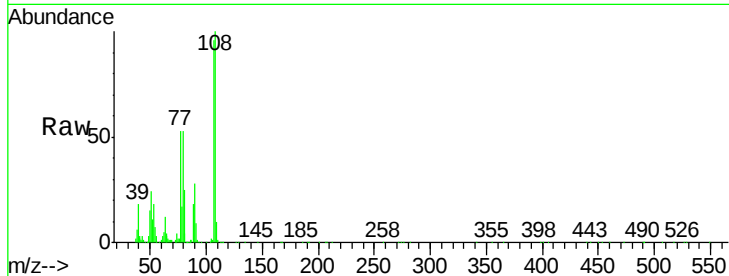




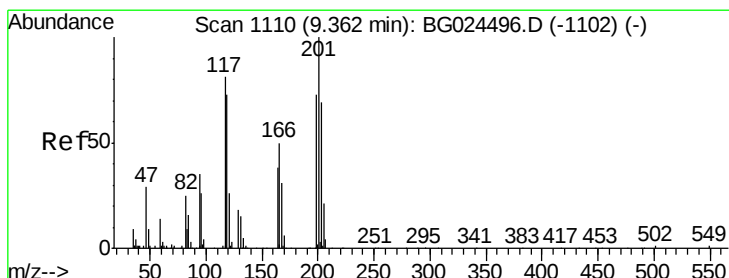
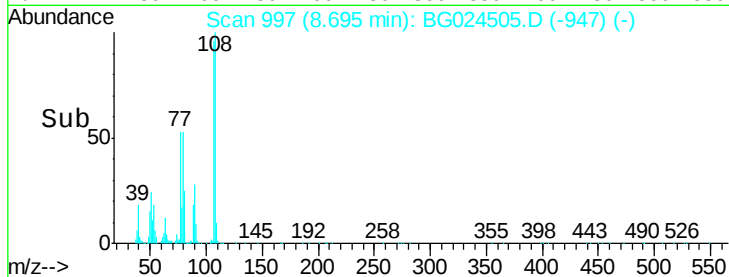
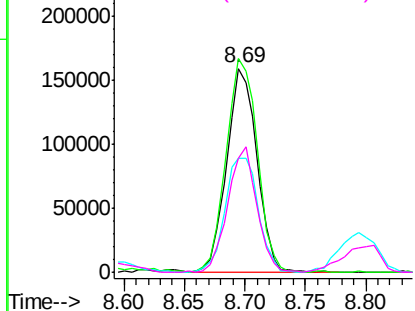
#17
2-Methylphenol
Concen: 47.16 ng
RT: 8.69 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Instrument :
BNA_G
ClientSampleId :
PB94296BSD

Tgt Ion:	107	Resp:	277390
Ion	Ratio	Lower	Upper
107	100		
108	104.7	85.6	128.4
77	55.9	51.4	77.2
79	55.6	49.2	73.8

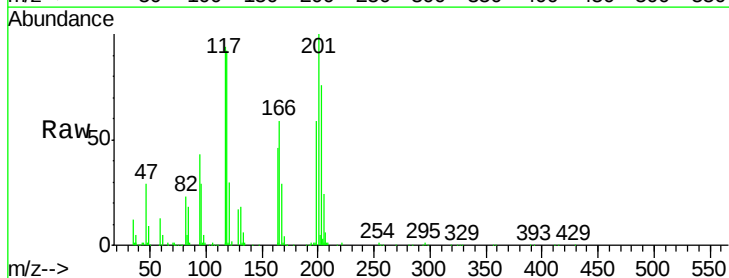


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

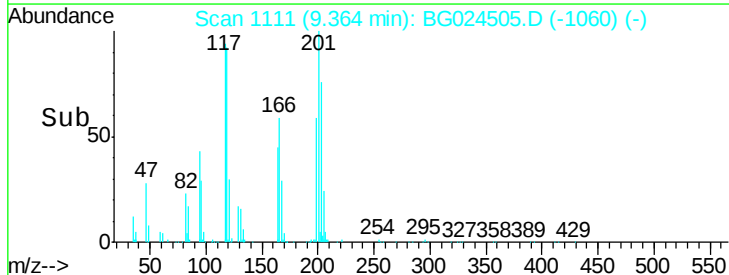
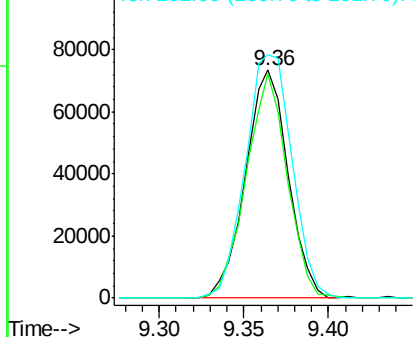


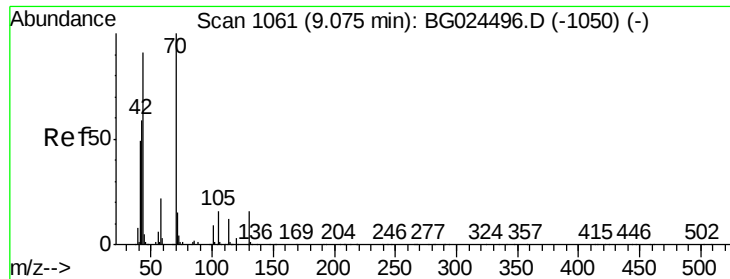
#18
Hexachloroethane
Concen: 42.92 ng
RT: 9.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion:	117	Resp:	128752
Ion	Ratio	Lower	Upper
117	100		
119	98.2	69.8	104.6
201	106.7	95.4	143.0



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

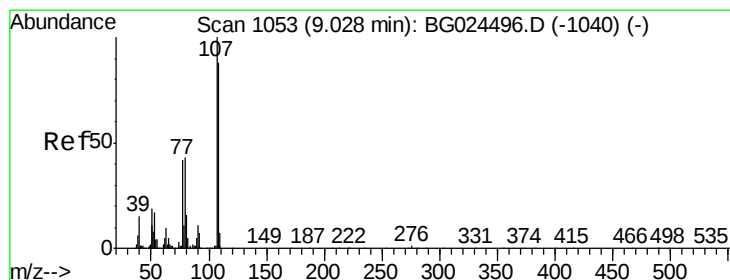
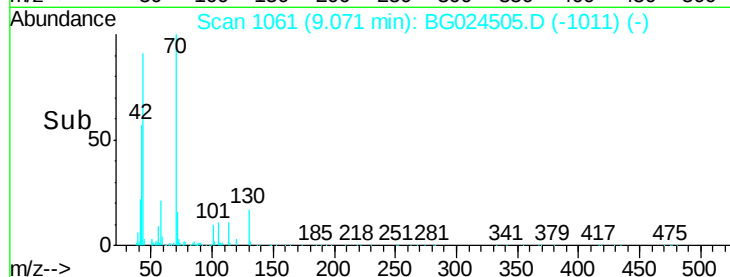
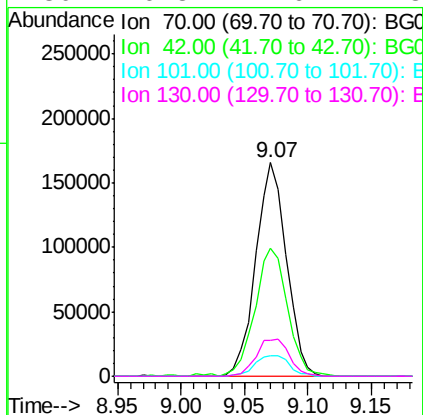
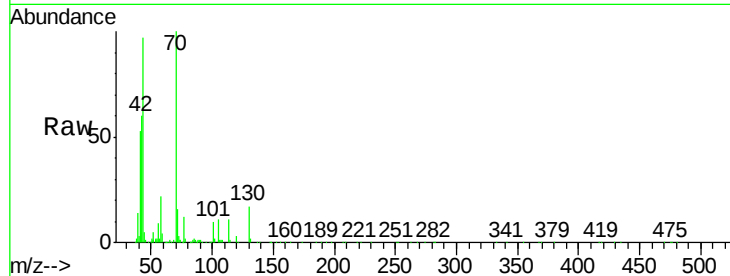




#19
n-Nitroso-di-n-propylamine
Concen: 44.08 ng
RT: 9.07 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

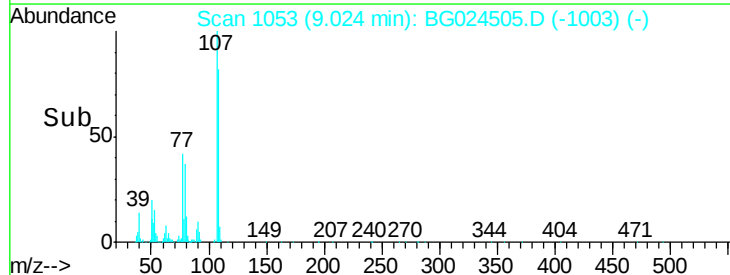
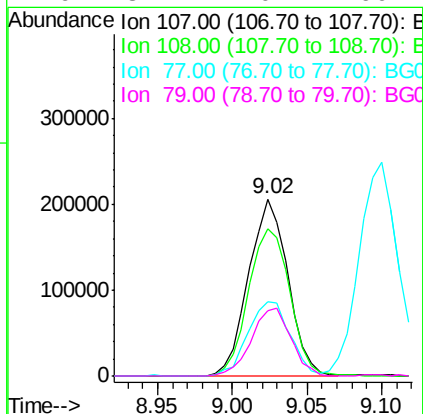
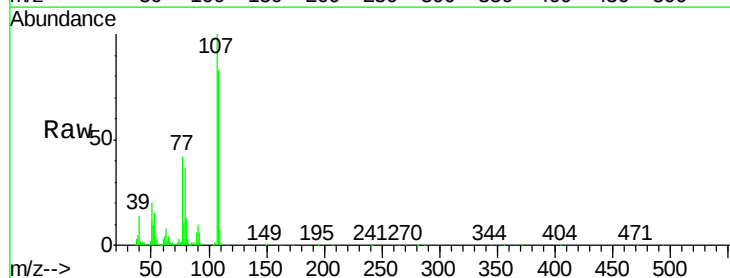
Instrument :
BNA_G
ClientSampleId :
PB94296BSD

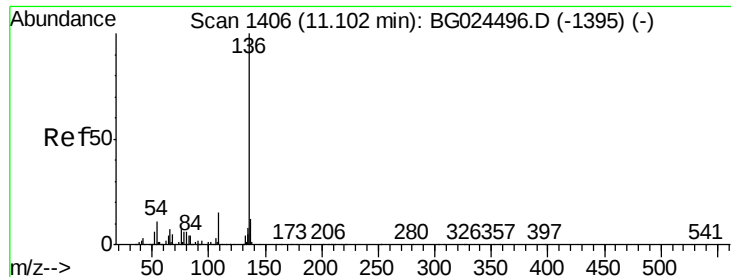
Tgt Ion:	70	Resp:	279749
Ion	Ratio	Lower	Upper
70	100		
42	60.1	56.1	84.1
101	9.8	7.5	11.3
130	16.8	14.6	21.8



#20
3+4-Methylphenols
Concen: 47.52 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion:	107	Resp:	375249
Ion	Ratio	Lower	Upper
107	100		
108	83.0	70.8	110.8
77	42.3	25.8	65.8
79	37.1	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

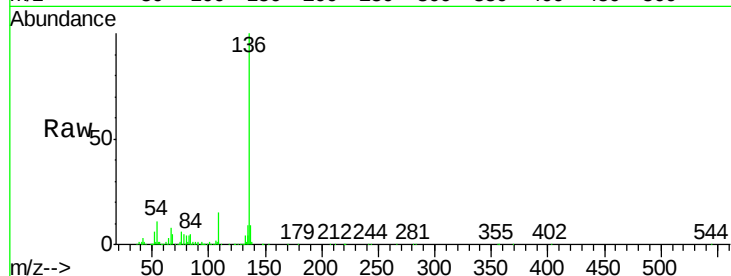
Instrument :

BNA_G

ClientSampleId :

PB94296BSD

Tgt Ion:	136	Resp:	407405
Ion	Ratio	Lower	Upper
136	100		
137	9.1	8.9	13.3
54	10.8	9.3	13.9
68	5.3	5.1	7.7

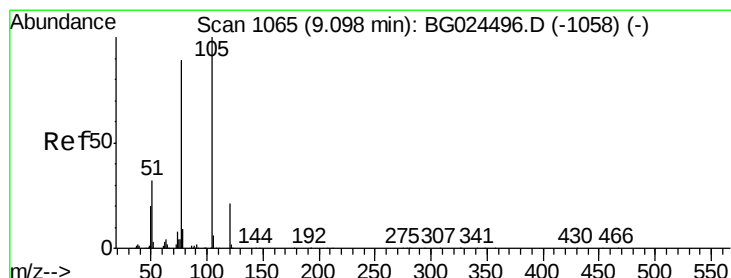
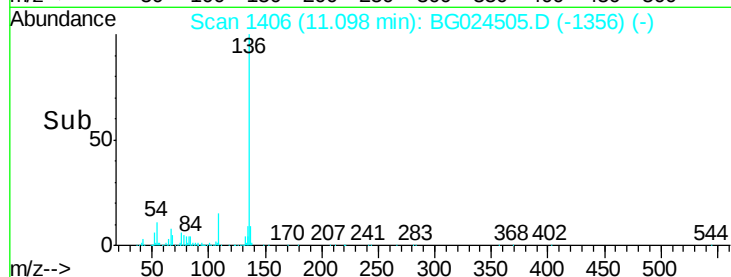
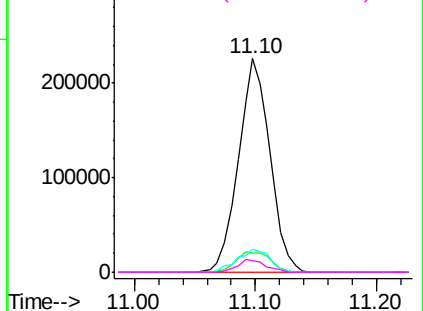


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.16 ng

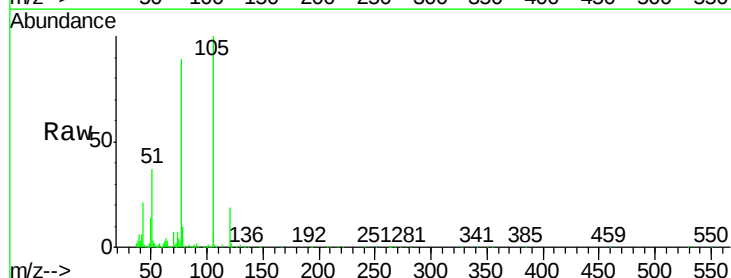
RT: 9.09 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Tgt Ion:	105	Resp:	472642
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.9	1.3#
51	37.0	34.0	51.0
120	19.5	17.3	25.9

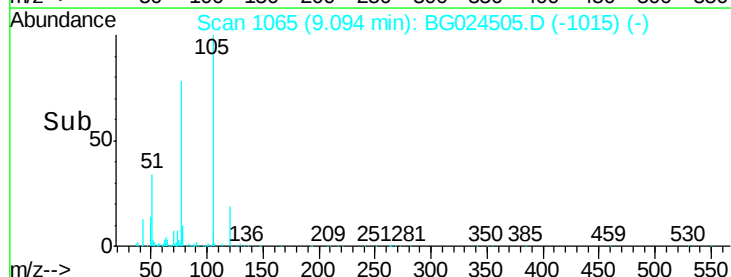
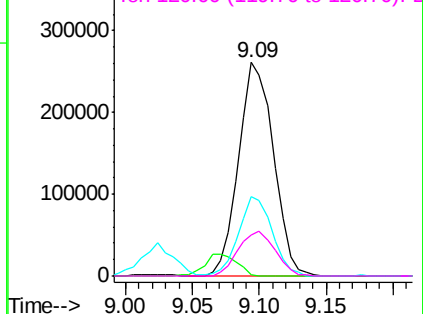


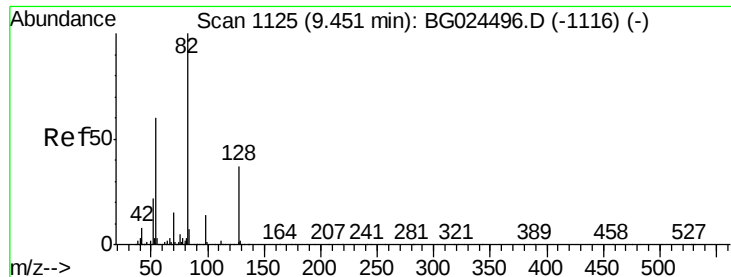
Abundance Ion 105.00 (104.70 to 105.70): E

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

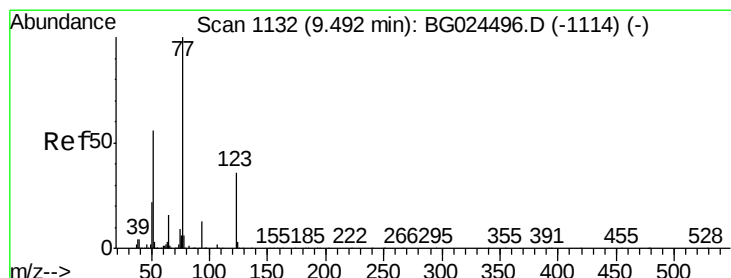
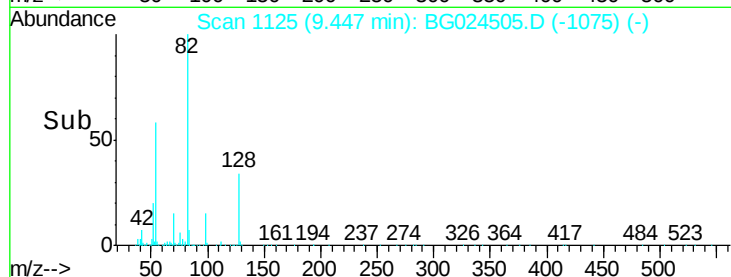
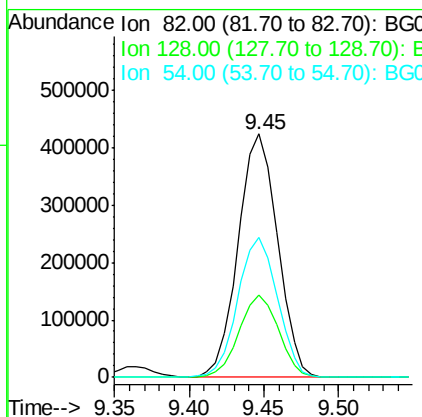
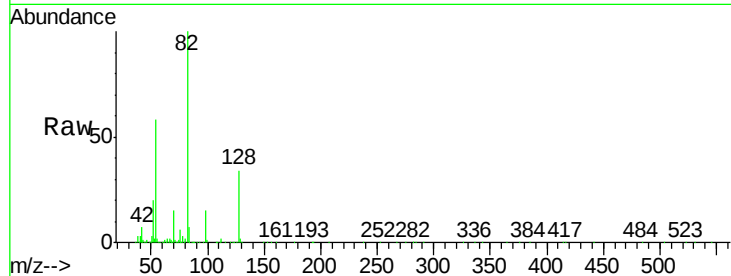




#23
 Nitrobenzene-d5
 Concen: 86.97 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

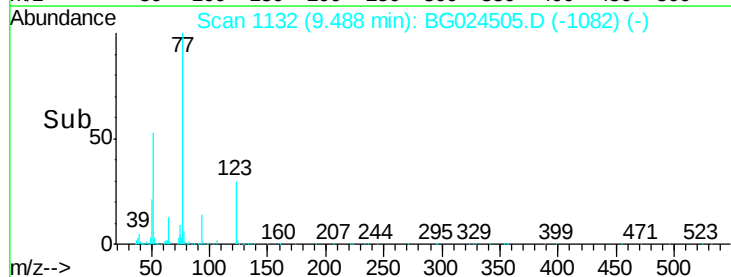
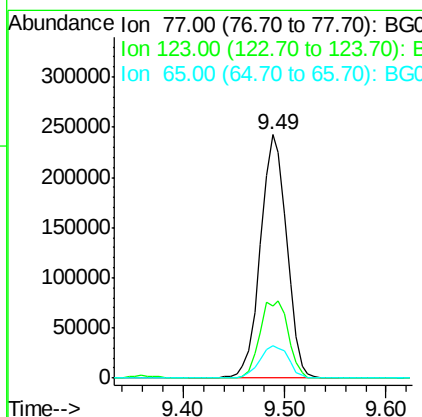
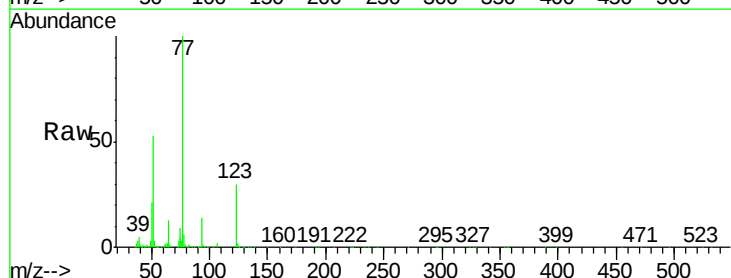
Instrument :
 BNA_G
 ClientSampleId :
 PB94296BSD

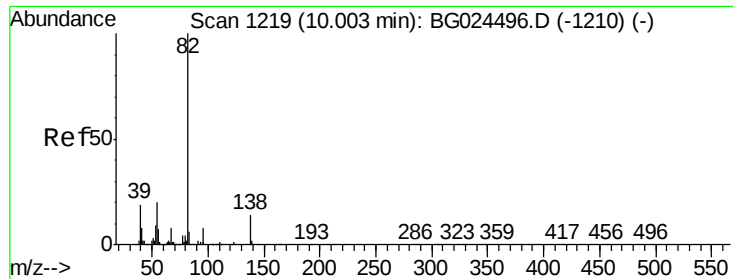
Tgt Ion: 82 Resp: 778188
 Ion Ratio Lower Upper
 82 100
 128 34.0 26.4 39.6
 54 57.7 49.4 74.2



#24
 Nitrobenzene
 Concen: 43.72 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

Tgt Ion: 77 Resp: 435199
 Ion Ratio Lower Upper
 77 100
 123 29.8 26.1 39.1
 65 13.3 12.4 18.6

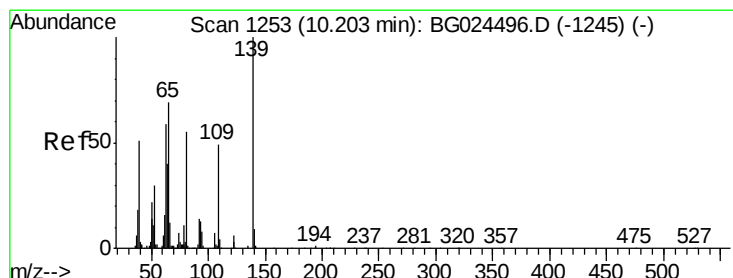
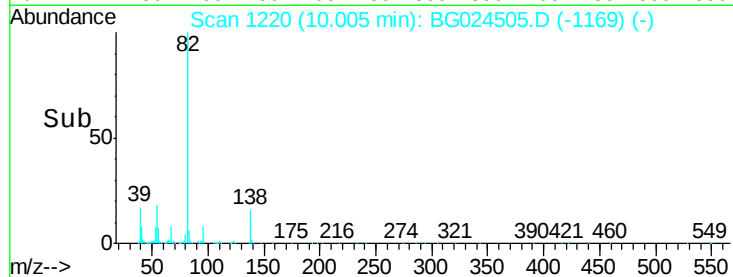
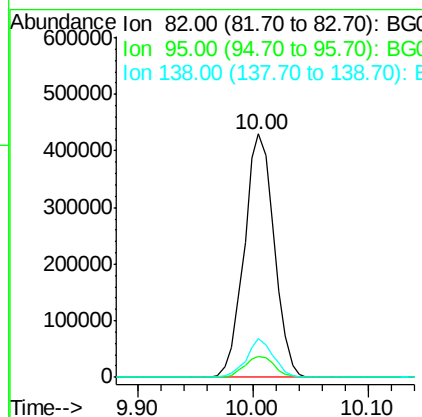
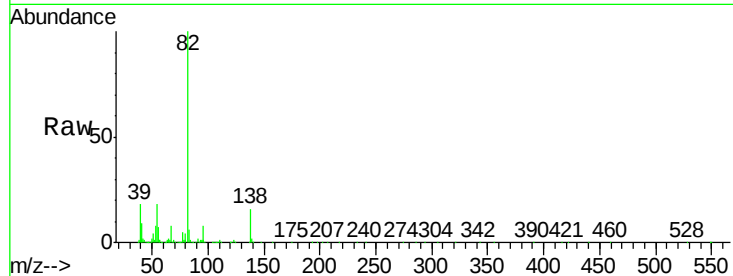




#25
Isophorone
Concen: 46.29 ng
RT: 10.00 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

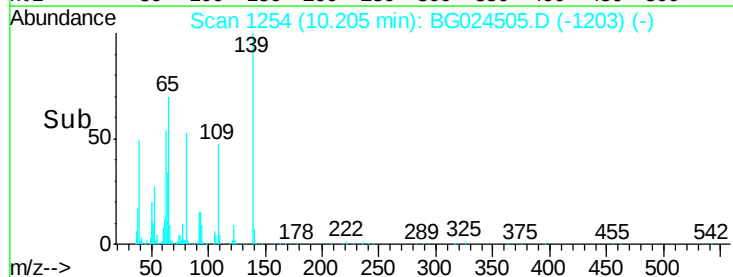
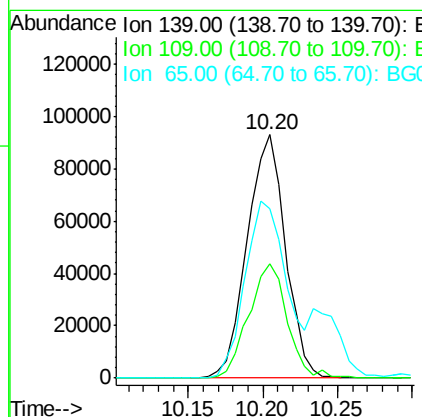
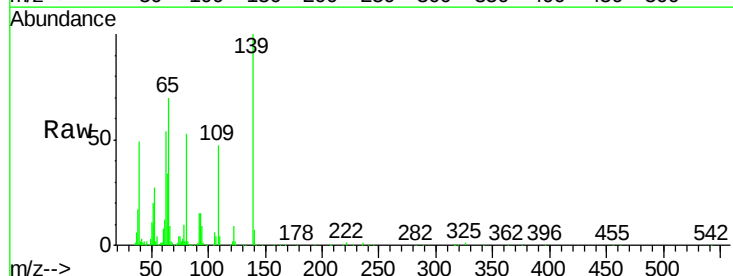
Instrument :
BNA_G
ClientSampleId :
PB94296BSD

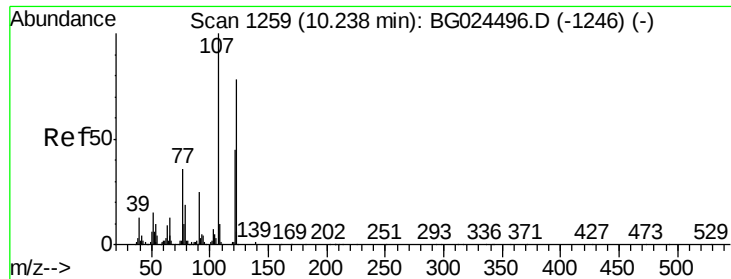
Tgt Ion: 82 Resp: 770513
Ion Ratio Lower Upper
82 100
95 8.4 7.5 11.3
138 15.7 12.3 18.5



#26
2-Nitrophenol
Concen: 44.63 ng
RT: 10.20 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion: 139 Resp: 164903
Ion Ratio Lower Upper
139 100
109 47.1 38.6 58.0
65 69.5 57.1 85.7

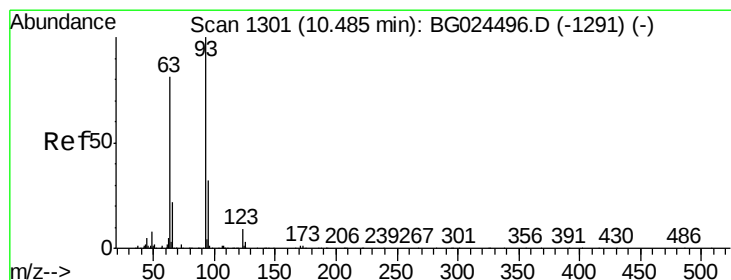
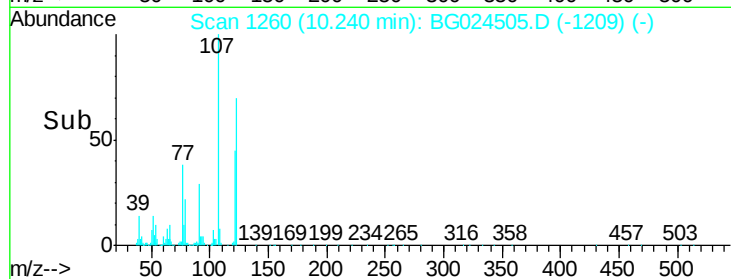
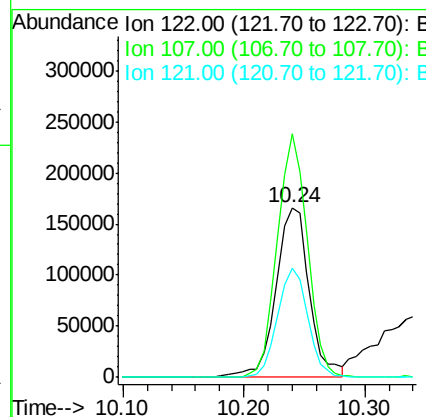
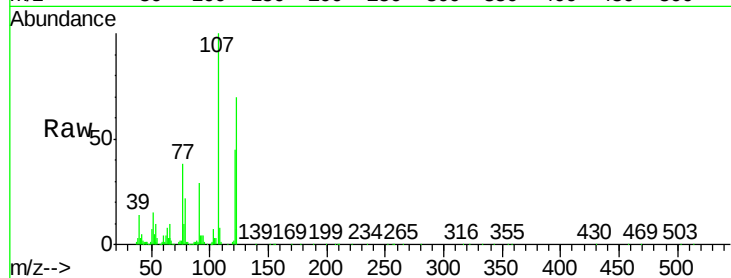




#27
 2,4-Dimethylphenol
 Concen: 48.93 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

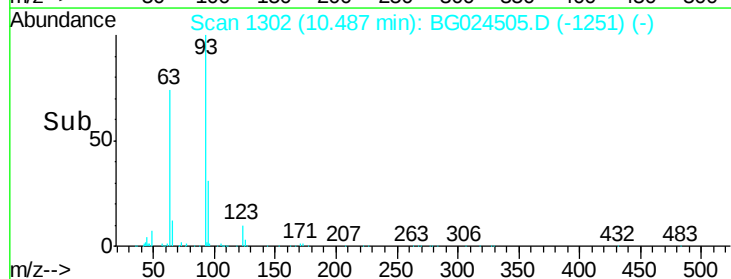
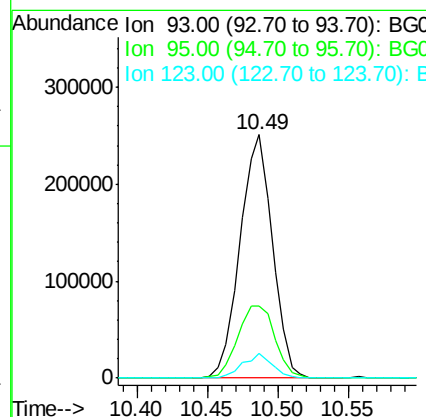
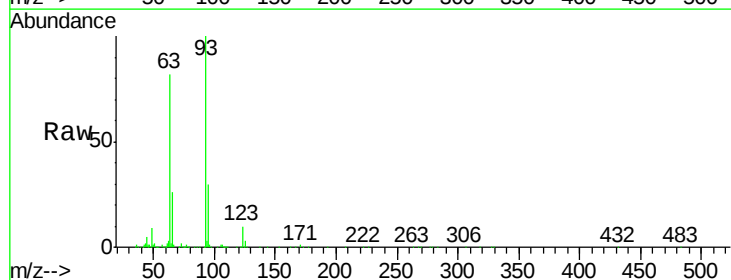
Instrument :
 BNA_G
 ClientSampleId :
 PB94296BSD

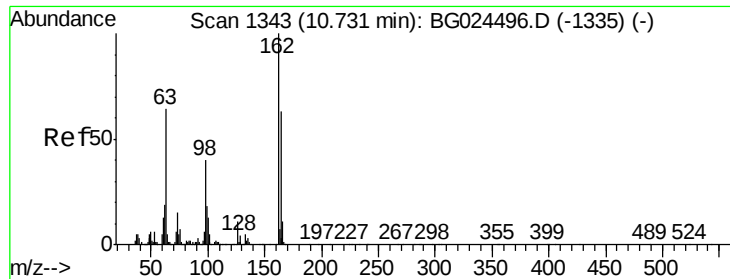
Tgt Ion	Ratio	Lower	Upper
122	100		
107	143.5	104.2	156.4
121	64.7	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.88 ng
 RT: 10.49 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.8	25.7	38.5
123	9.9	8.3	12.5

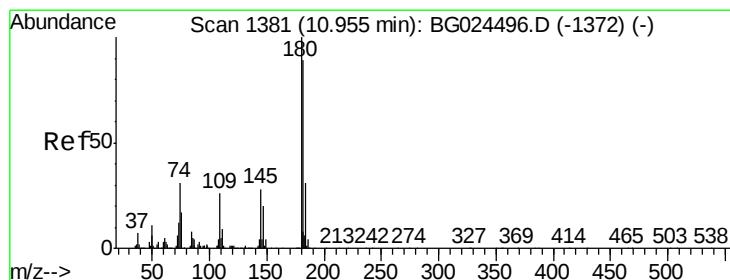
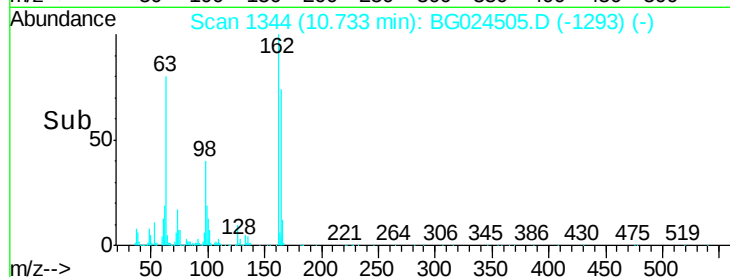
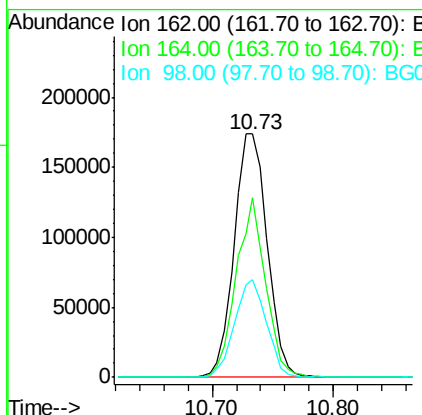
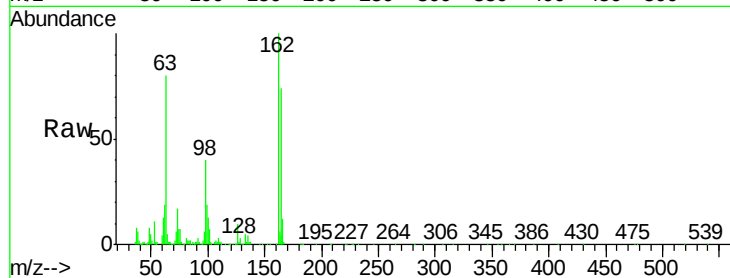




#29
2,4-Dichlorophenol
Concen: 48.81 ng
RT: 10.73 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

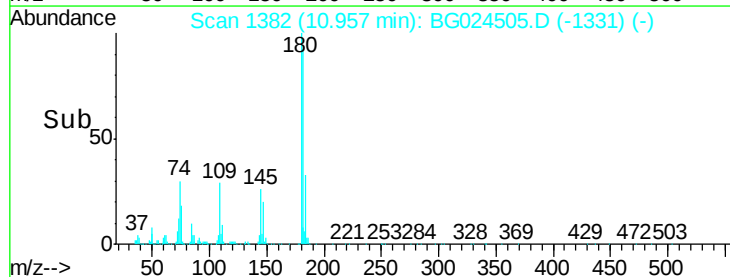
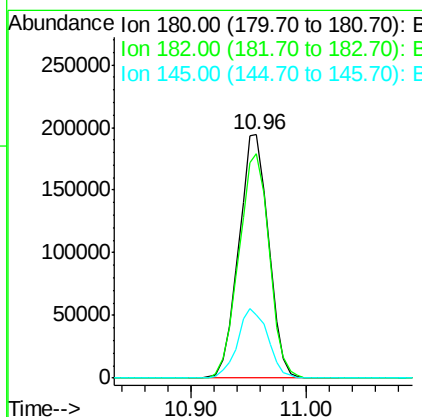
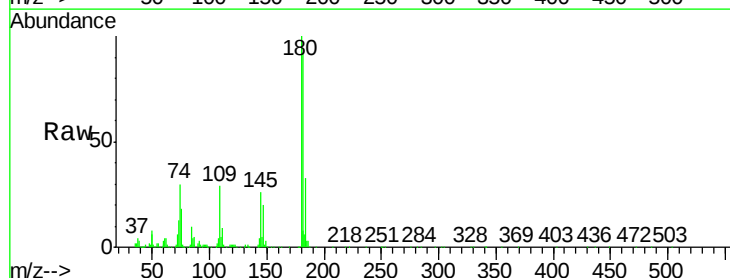
Instrument :
BNA_G
ClientSampleId :
PB94296BSD

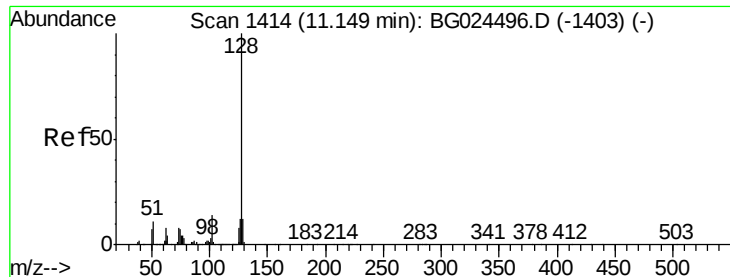
Tgt Ion	Ratio	Lower	Upper
162	100		
164	73.7	42.4	82.4
98	40.1	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 43.19 ng
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.0	115.4
145	26.1	23.4	35.0

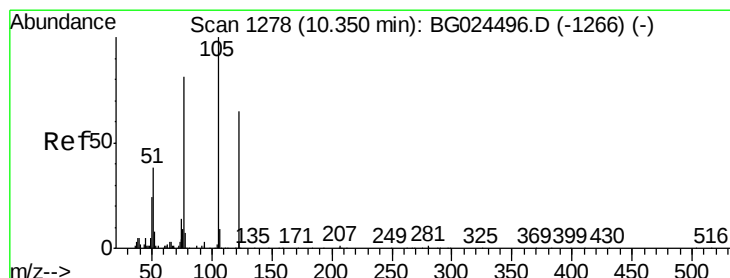
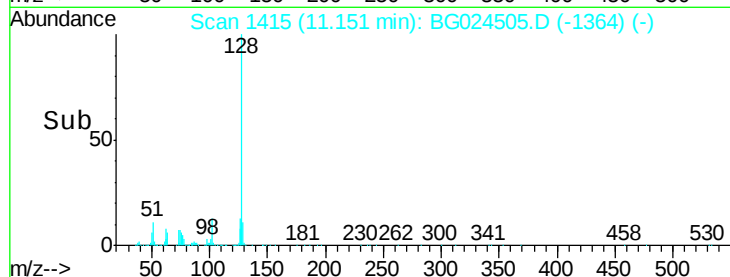
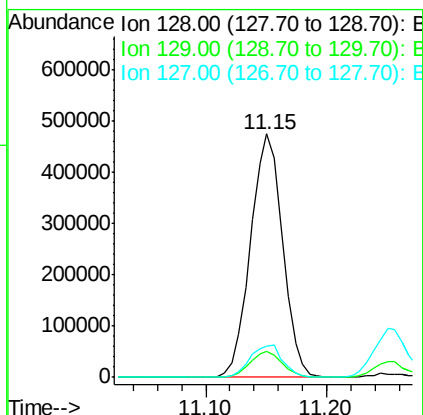
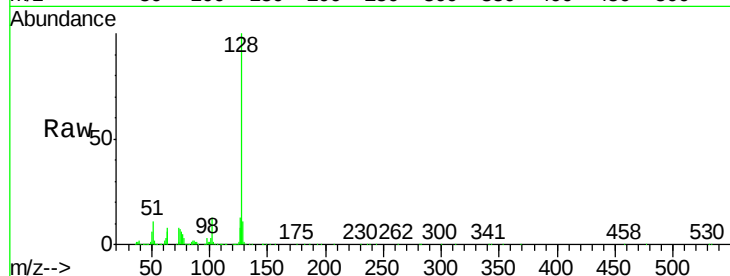




#31
Naphthalene
Concen: 43.10 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

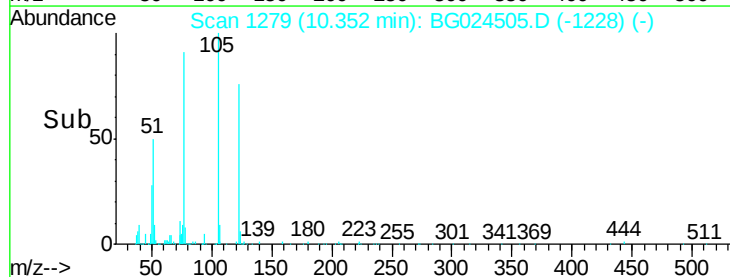
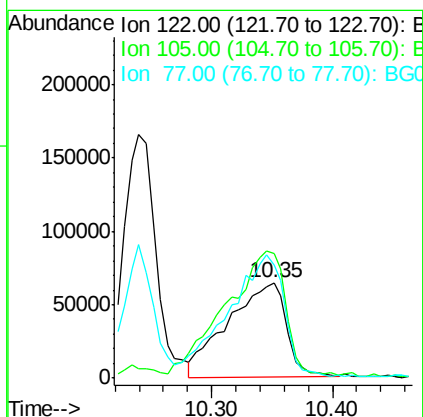
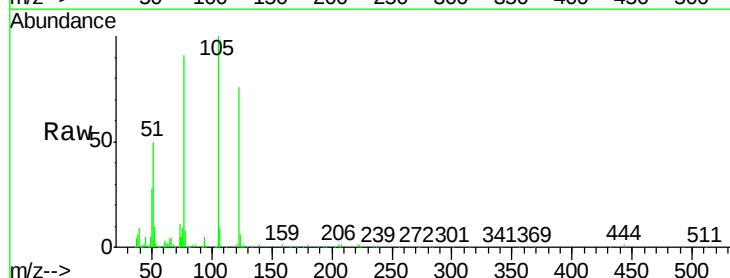
Instrument :
BNA_G
ClientSampleId :
PB94296BSD

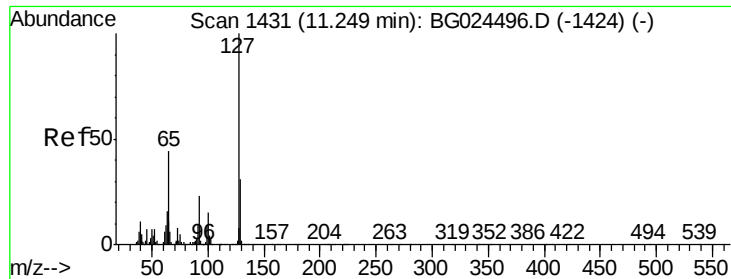
Tgt Ion:128 Resp: 875817
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.0 11.4 17.0



#32
Benzoic acid
Concen: 40.12 ng
RT: 10.35 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion:122 Resp: 216140
Ion Ratio Lower Upper
122 100
105 131.4 120.1 160.1
77 119.2 104.6 144.6

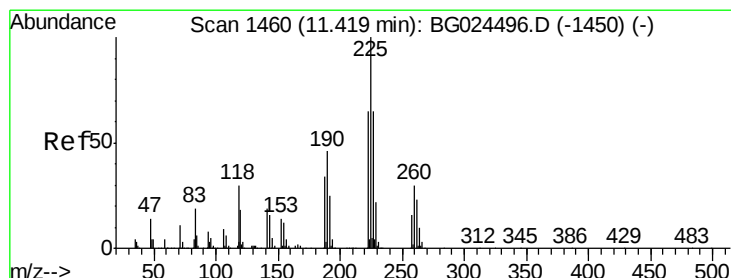
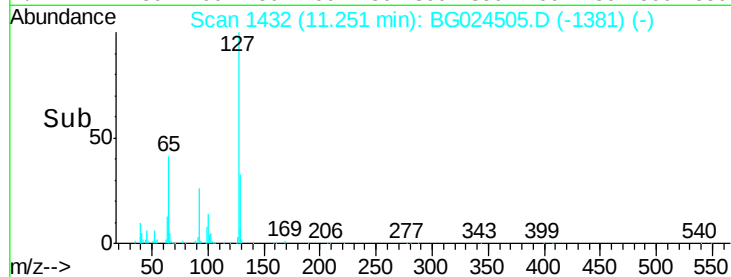
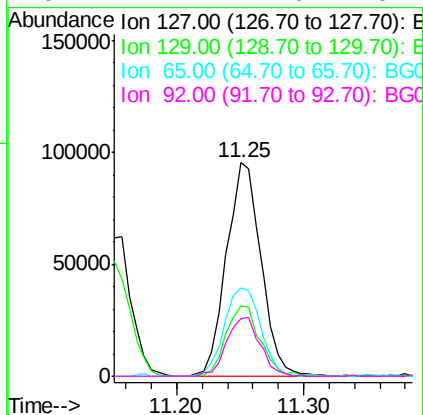
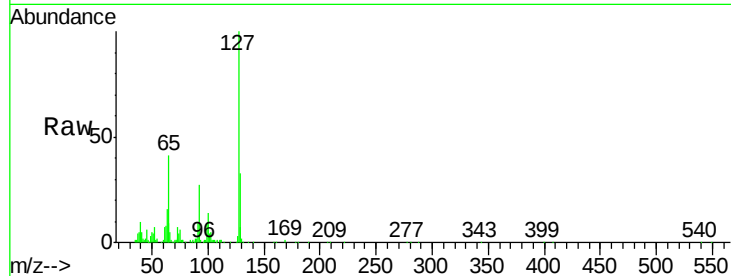




#33
4-Chloroaniline
Concen: 20.41 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

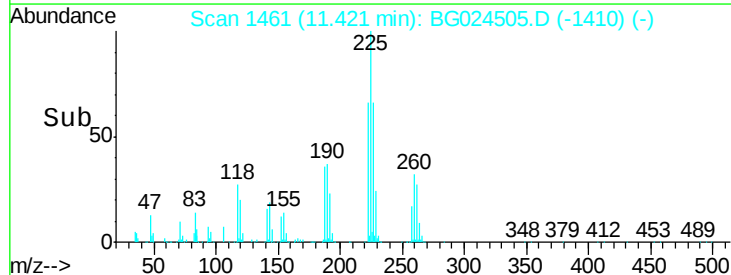
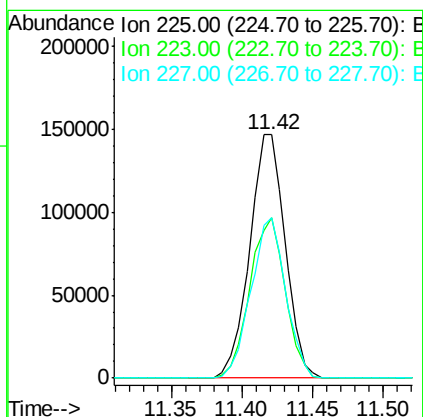
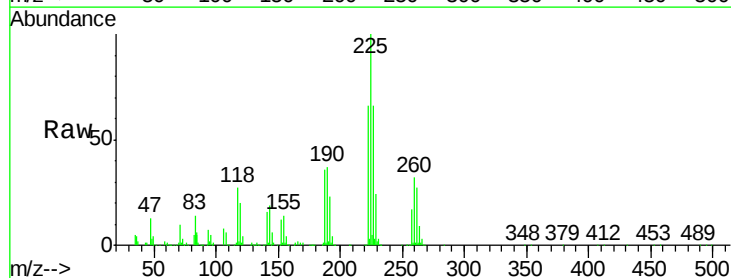
Instrument :
BNA_G
ClientSampleId :
PB94296BSD

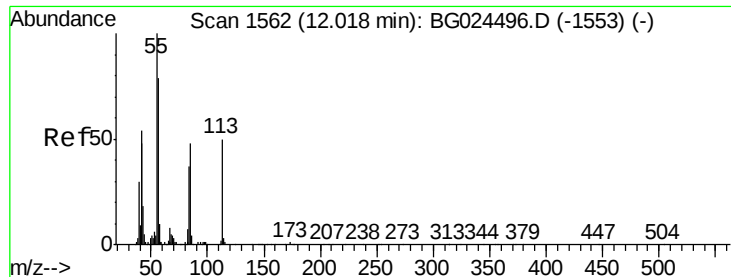
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	23.6	35.4
65	41.4	37.7	56.5
92	27.2	17.6	26.4



#34
Hexachlorobutadiene
Concen: 41.19 ng
RT: 11.42 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	50.7	76.1
227	66.1	49.0	73.6

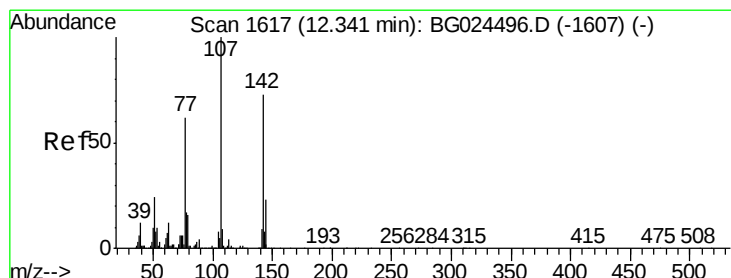
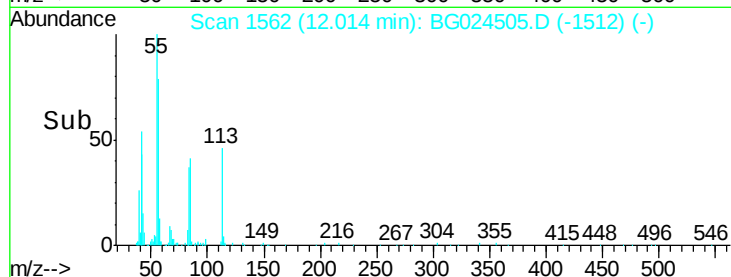
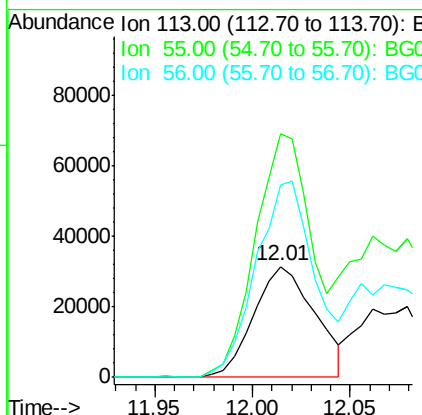
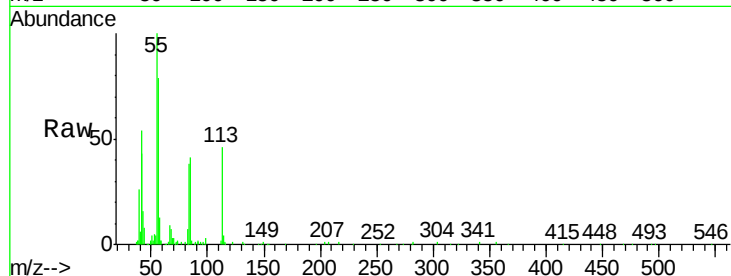




#35
 Caprolactam
 Concen: 27.43 ng
 RT: 12.01 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

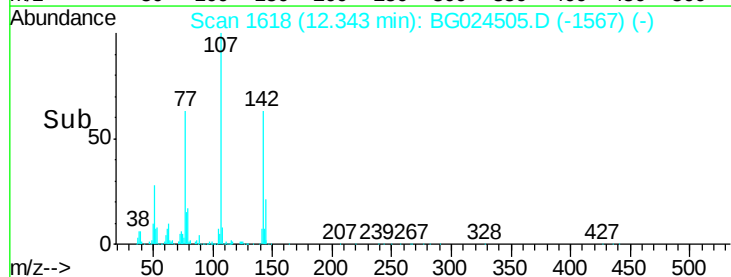
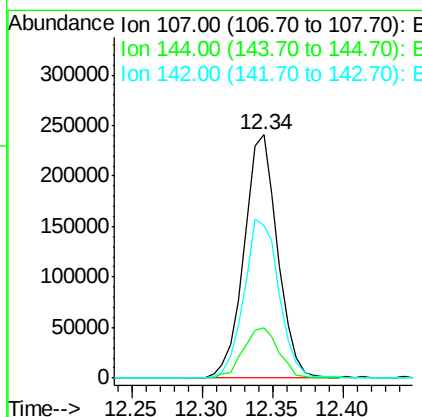
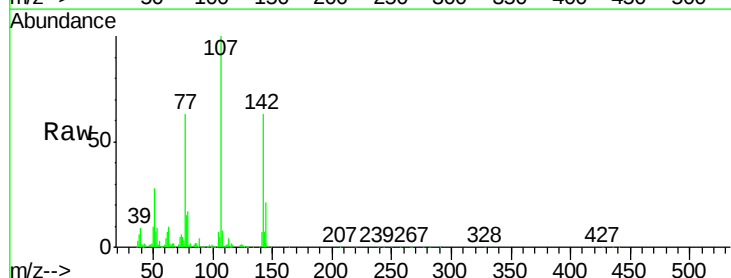
Instrument :
 BNA_G
 ClientSampleId :
 PB94296BSD

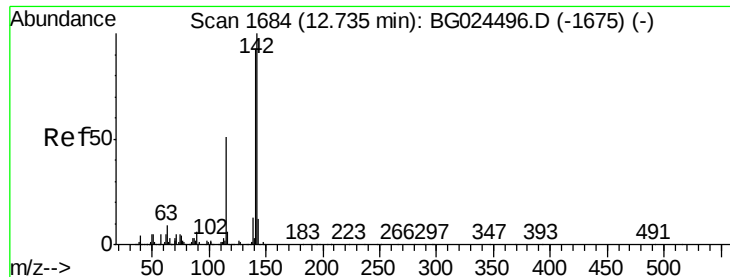
Tgt Ion:113 Resp: 68167
 Ion Ratio Lower Upper
 113 100
 55 219.5 198.6 238.6
 56 173.4 140.4 180.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.90 ng
 RT: 12.34 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

Tgt Ion:107 Resp: 400750
 Ion Ratio Lower Upper
 107 100
 144 20.7 17.4 26.0
 142 62.8 54.1 81.1

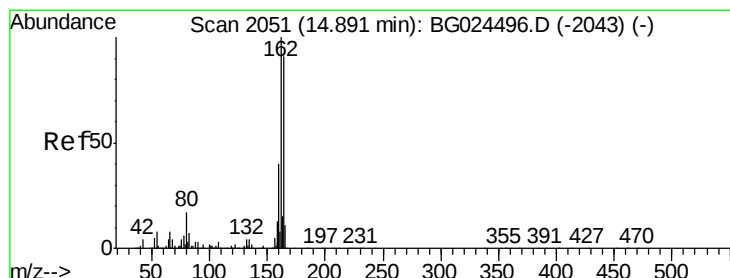
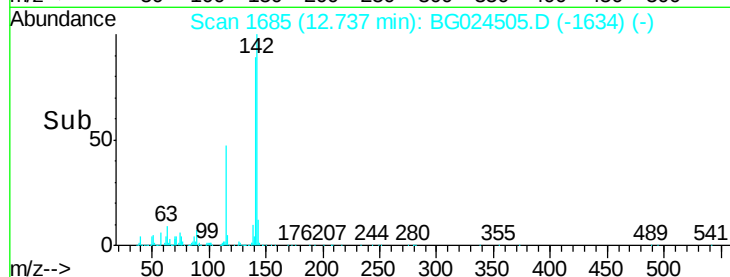
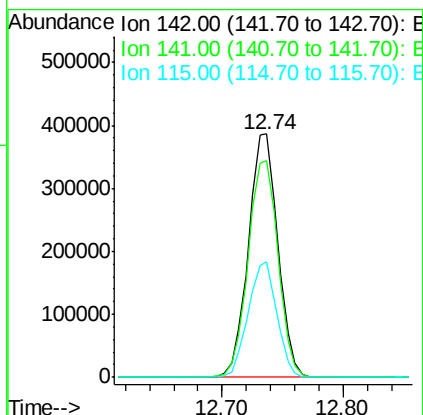
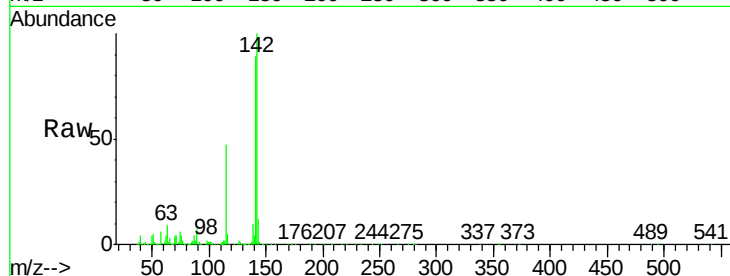




#37
 2-Methylnaphthalene
 Concen: 44.42 ng
 RT: 12.74 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

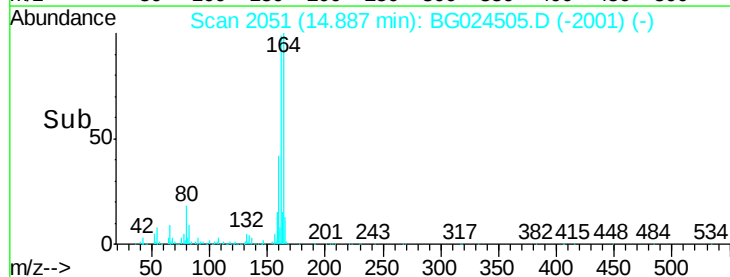
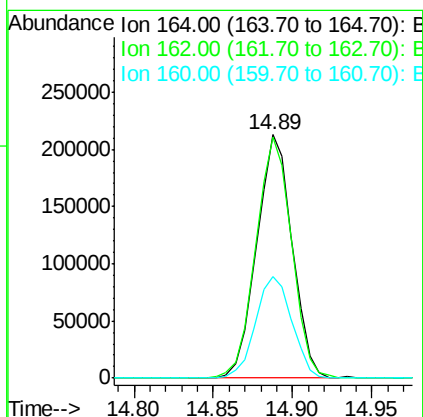
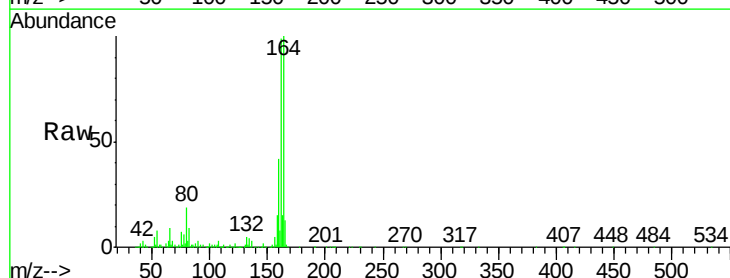
Instrument :
 BNA_G
 ClientSampleId :
 PB94296BSD

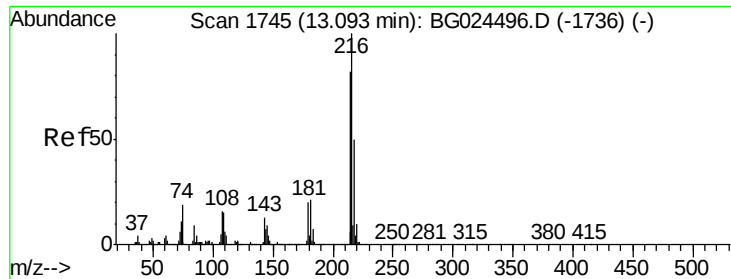
Tgt Ion:142 Resp: 658663
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.4 105.6
 115 47.3 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

Tgt Ion:164 Resp: 331068
 Ion Ratio Lower Upper
 164 100
 162 99.2 85.1 127.7
 160 41.7 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.30 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

Instrument :

BNA_G

ClientSampleId :

PB94296BSD

Tgt Ion:216 Resp: 450037

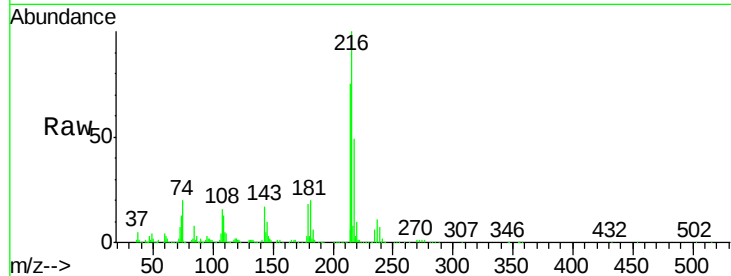
Ion Ratio Lower Upper

216 100

214 77.3 64.4 96.6

179 21.2 17.4 26.0

108 18.1 15.6 23.4

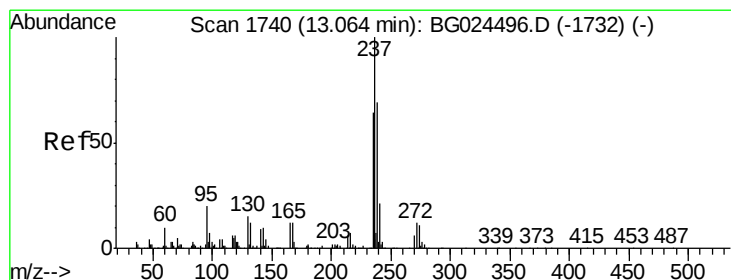
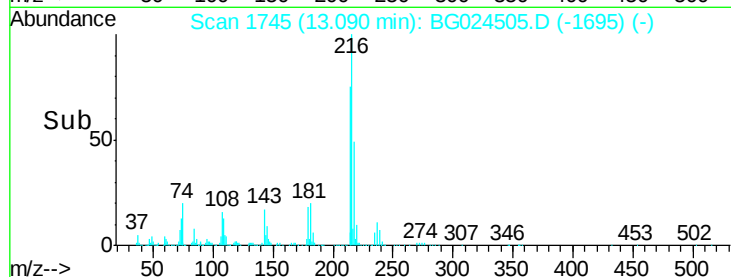
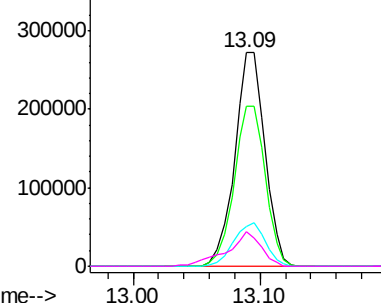


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 102.57 ng

RT: 13.07 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BG024505.D

Acq: 25 Oct 2016 20:09

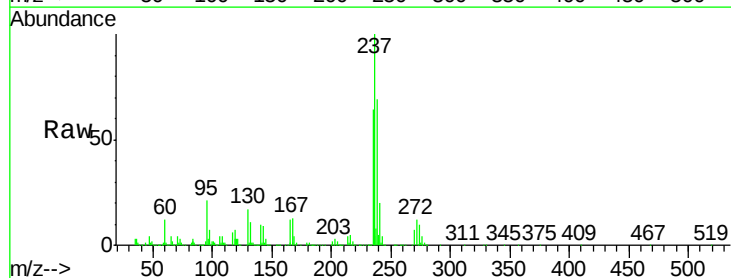
Tgt Ion:237 Resp: 644976

Ion Ratio Lower Upper

237 100

235 64.1 39.4 79.4

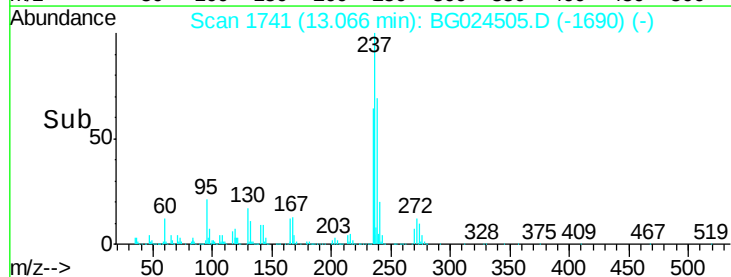
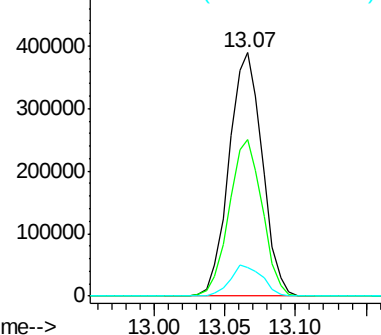
272 11.9 0.0 32.0



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

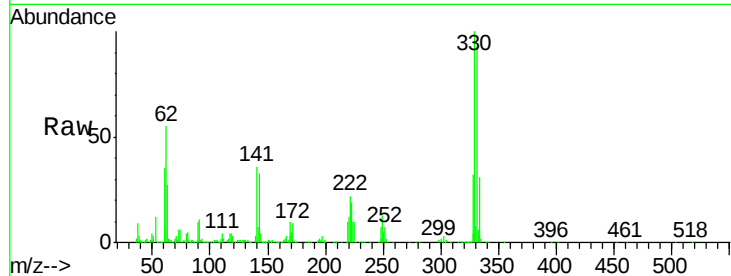




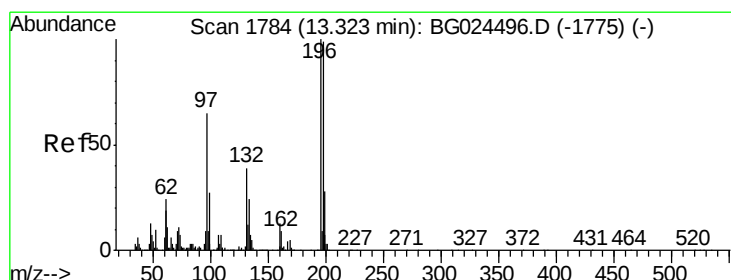
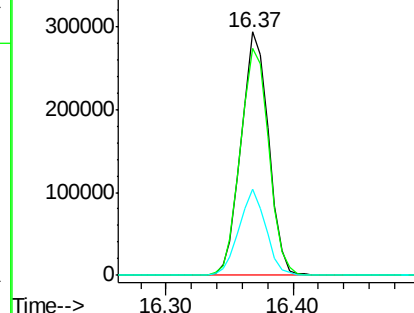
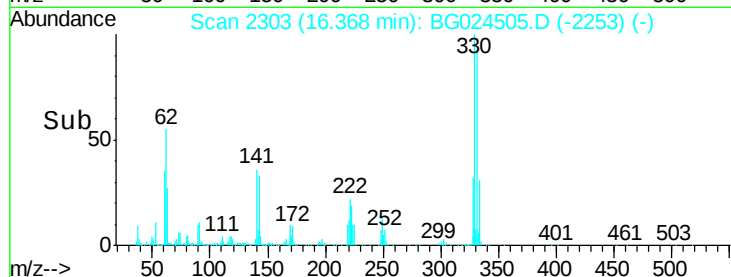
#41
 2,4,6-Tribromophenol
 Concen: 88.71 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BSD

Tgt Ion:330 Resp: 438769
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 34.6 32.1 48.1

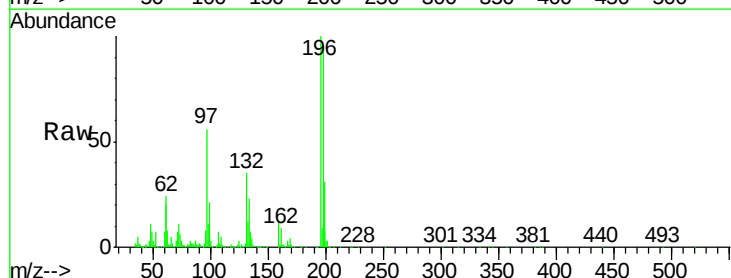


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

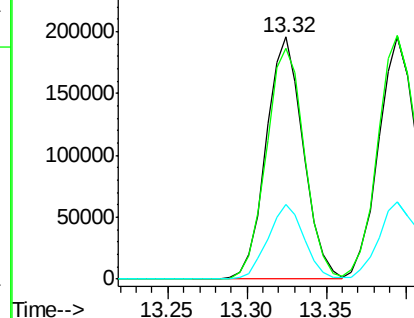
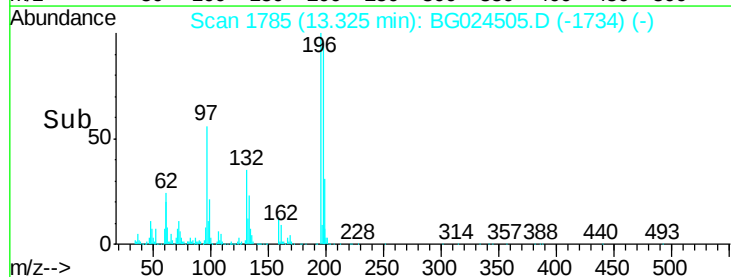


#42
 2,4,6-Trichlorophenol
 Concen: 47.42 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

Tgt Ion:196 Resp: 318274
 Ion Ratio Lower Upper
 196 100
 198 95.2 81.4 122.2
 200 31.0 27.0 40.6



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

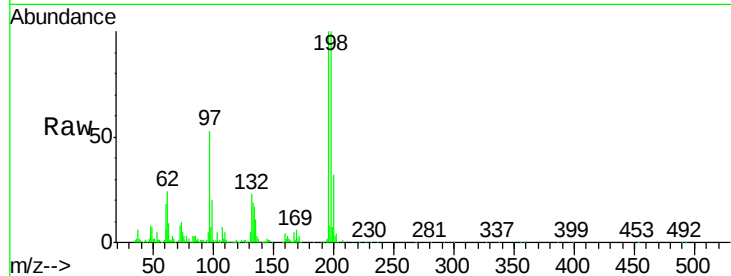




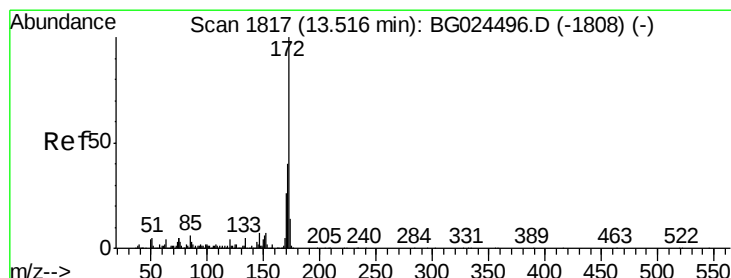
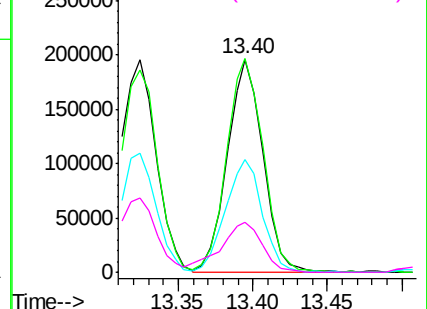
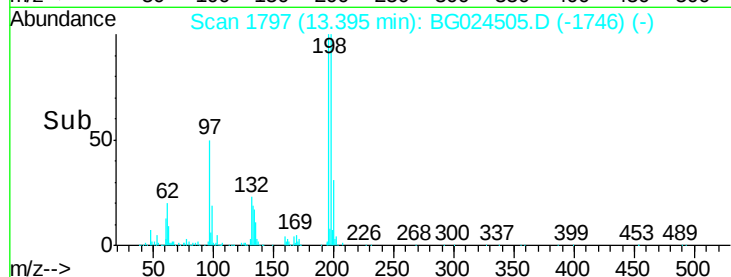
#43
2,4,5-Trichlorophenol
Concen: 45.05 ng
RT: 13.40 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Instrument :
BNA_G
ClientSampleId :
PB94296BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	79.9	119.9
97	53.1	45.4	68.0
132	23.5	20.7	31.1

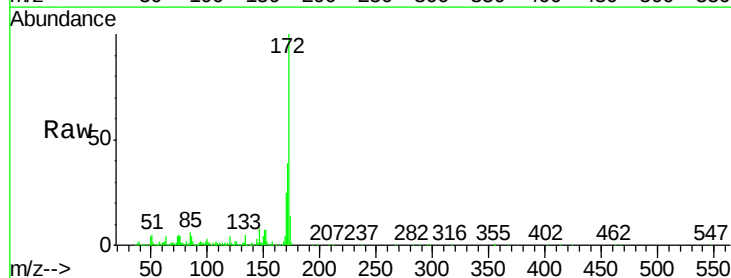


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

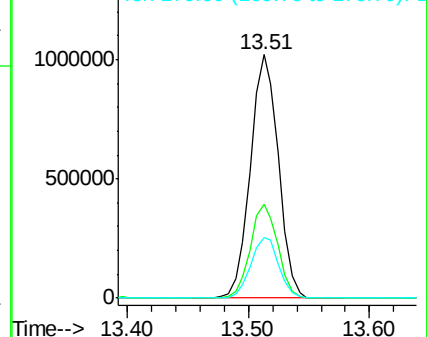
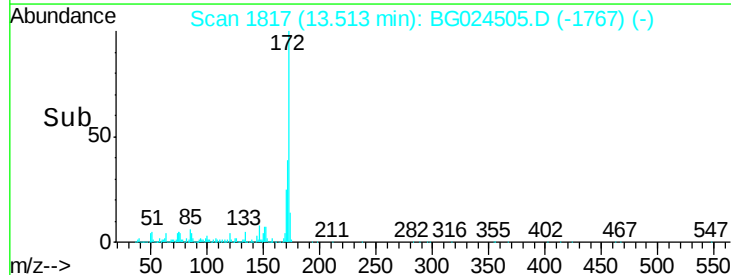


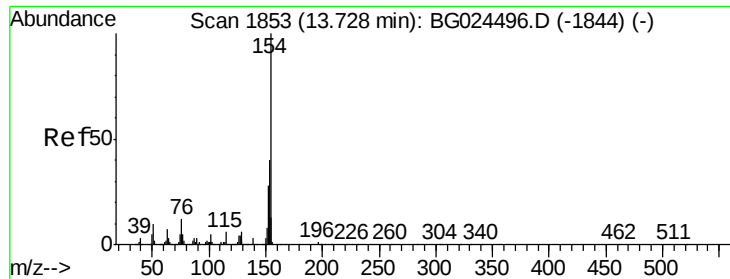
#44
2-Fluorobiphenyl
Concen: 82.33 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG024505.D
Acq: 25 Oct 2016 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	24.8	21.8	32.6



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

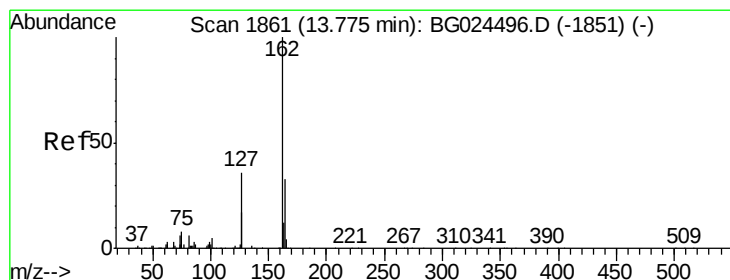
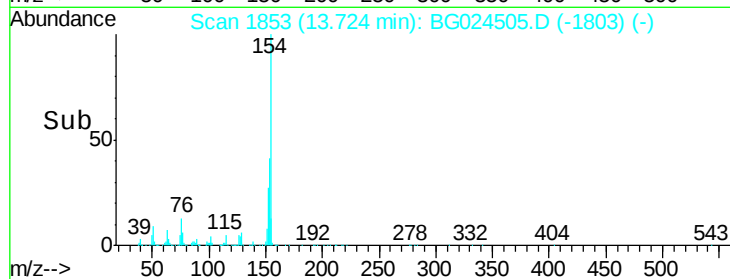
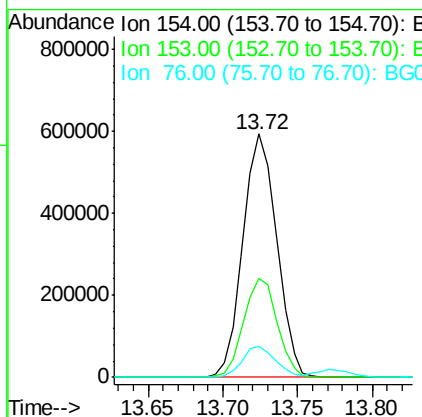
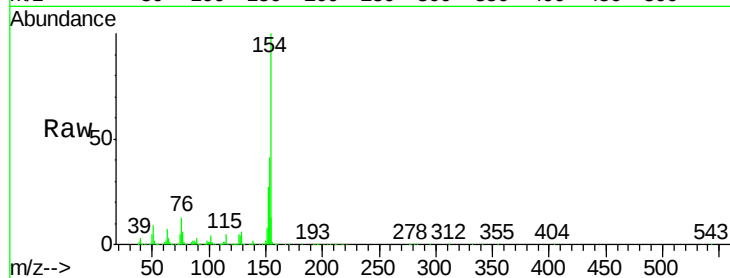




#45
 1,1'-Biphenyl
 Concen: 40.53 ng
 RT: 13.72 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.0	63.0
76	13.0	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 43.27 ng
 RT: 13.78 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BG024505.D
 Acq: 25 Oct 2016 20:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	32.2	48.4
164	33.6	27.3	40.9

