

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024696.D
 Acq On : 5 Nov 2016 4:22
 Operator : UM/SJ
 Sample : H5531-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MS

Quant Time: Nov 07 07:10:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	100043	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	393110	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	324627	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	713176	20.00	ng	0.00
75) Chrysene-d12	21.92	240	953910	20.00	ng	0.00
86) Perylene-d12	25.36	264	999116	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	349295	57.22	ng	0.00
7) Phenol-d6	7.40	99	305586	36.50	ng	0.00
23) Nitrobenzene-d5	9.44	82	851087	98.57	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	732609	151.06	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1740267	89.10	ng	0.00
78) Terphenyl-d14	20.21	244	2994836	93.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	36506	14.64	ng	# 88
3) Pyridine	4.07	79	84443	11.31	ng	91
4) n-Nitrosodimethylamine	3.98	42	69256	17.92	ng	96
6) Aniline	7.59	93	158449	14.94	ng	# 91
8) 2-Chlorophenol	7.83	128	239683	38.62	ng	93
9) Benzaldehyde	7.40	77	378274	73.11	ng	# 1
10) Phenol	7.43	94	125926	14.59	ng	92
11) bis(2-Chloroethyl)ether	7.67	93	301706	46.53	ng	97
12) 1,3-Dichlorobenzene	8.16	146	316708	41.22	ng	98
13) 1,4-Dichlorobenzene	8.30	146	319859	42.15	ng	99
14) 1,2-Dichlorobenzene	8.63	146	321510	44.07	ng	93
15) Benzyl Alcohol	8.50	79	216219	27.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	512926	42.64	ng	93
17) 2-Methylphenol	8.70	107	183789	32.14	ng	99
18) Hexachloroethane	9.37	117	272488	93.41	ng	# 1
19) n-Nitroso-di-n-propylamine	9.07	70	293207	47.52	ng	91
20) 3+4-Methylphenols	9.03	107	225260	29.34	ng	97
22) Acetophenone	9.09	105	487857	48.31	ng	# 89
24) Nitrobenzene	9.49	77	469743	48.90	ng	97
25) Isophorone	10.00	82	773947	48.19	ng	98
26) 2-Nitrophenol	10.20	139	174211	48.86	ng	96
27) 2,4-Dimethylphenol	10.24	122	450974	72.26	ng	90
28) bis(2-Chloroethoxy)methane	10.48	93	420963	50.66	ng	97
29) 2,4-Dichlorophenol	10.74	162	318136	48.56	ng	94
30) 1,2,4-Trichlorobenzene	10.95	180	348155	44.80	ng	99
31) Naphthalene	11.15	128	2540550	129.56	ng	95
32) Benzoic acid	10.35	122	68189	13.12	ng	95
33) 4-Chloroaniline	11.25	127	79770	9.37	ng	96
34) Hexachlorobutadiene	11.41	225	268363	44.12	ng	95
36) 4-Chloro-3-methylphenol	12.35	107	352454	44.57	ng	94
37) 2-Methylnaphthalene	12.73	142	1161157	81.15	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	473263	43.22	ng	98
40) Hexachlorocyclopentadiene	13.06	237	562646	91.25	ng	94
42) 2,4,6-Trichlorophenol	13.33	196	314883	47.84	ng	94

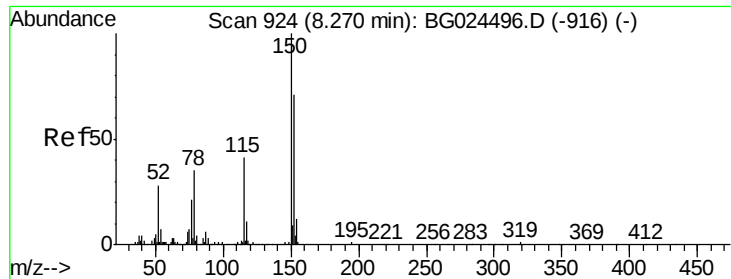
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.40	196	344438	48.41	nq	96
45) 1,1'-Biphenyl	13.72	154	994926	44.17	nq	98
46) 2-Chloronaphthalene	13.77	162	779755	45.46	nq	98
47) 2-Nitroaniline	13.97	65	335532	47.77	nq	97
48) Acenaphthylene	14.61	152	1171866	44.55	nq	98
49) Dimethylphthalate	14.33	163	1185897	51.46	nq	99
50) 2,6-Dinitrotoluene	14.45	165	245660	49.93	nq	93
51) Acenaphthene	14.95	154	774454	39.49	nq	96
52) 3-Nitroaniline	14.80	138	65530	12.87	nq	# 93
53) 2,4-Dinitrophenol	14.99	184	327392	91.83	nq	97
54) Dibenzofuran	15.28	168	1281884	47.28	nq	96
55) 4-Nitrophenol	15.09	139	145672	32.84	nq	91
56) 2,4-Dinitrotoluene	15.24	165	368704	51.57	nq	# 95
57) Fluorene	15.93	166	1047465	46.59	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	381657	51.74	nq	94
59) Diethylphthalate	15.68	149	1146798	47.46	nq	99
60) 4-Chlorophenyl-phenylether	15.91	204	593801	47.07	nq	98
61) 4-Nitroaniline	15.95	138	219378	39.44	nq	88
62) Azobenzene	16.20	77	1128107	46.81	nq	98
64) 4,6-Dinitro-2-methylphenol	16.00	198	233708	47.56	nq	89
65) n-Nitrosodiphenylamine	16.13	169	993979	50.98	nq	99
66) 4-Bromophenyl-phenylether	16.80	248	439275	50.74	nq	97
67) Hexachlorobenzene	16.92	284	473562	49.50	nq	90
68) Atrazine	17.07	200	442294	52.89	nq	98
69) Pentachlorophenol	17.27	266	664823	105.32	nq	97
70) Phenanthrene	17.67	178	1808540	49.75	nq	98
71) Anthracene	17.76	178	1849421	50.43	nq	98
72) Carbazole	18.03	167	1632929	48.82	nq	98
73) Di-n-butylphthalate	18.56	149	1909782	49.52	nq	99
74) Fluoranthene	19.66	202	2262668	49.24	nq	97
77) Pyrene	20.02	202	2287832	49.06	nq	98
79) Butylbenzylphthalate	20.88	149	976046	50.21	nq	99
80) Benzo(a)anthracene	21.90	228	2548188	48.63	nq	99
81) 3,3'-Dichlorobenzidine	21.80	252	308253	14.58	nq	# 95
82) Chrysene	21.97	228	2364400	47.37	nq	98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1353408	48.67	nq	100
84) Di-n-octyl phthalate	23.04	149	2312931	50.12	nq	95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3287524	47.72	nq	# 95
87) Benzo(b)fluoranthene	24.25	252	2631654	48.73	nq	98
88) Benzo(k)fluoranthene	24.33	252	2582404	49.51	nq	97
89) Benzo(a)pyrene	25.19	252	2582479	48.94	nq	98
90) Dibenzo(a,h)anthracene	29.37	278	2752500	47.52	nq	98
91) Benzo(g,h,i)perylene	30.55	276	2719141	46.99	nq	96

(#) = 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: BG024696.D

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S22-0015MS

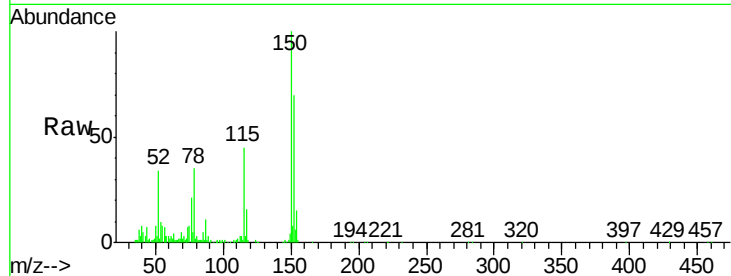
Tot Ion:152 Resp: 100043

Ion Ratio Lower Upper

152 100

150 142.6 114.0 171.0

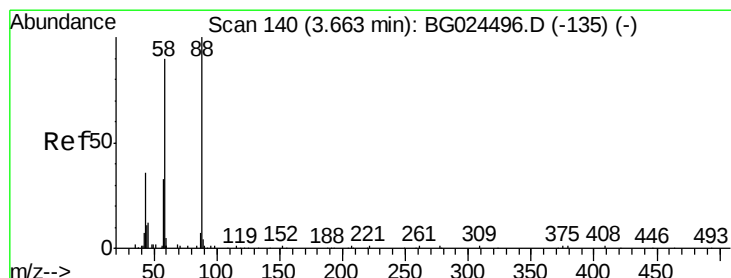
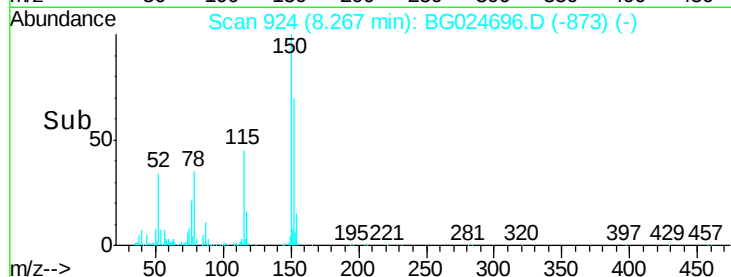
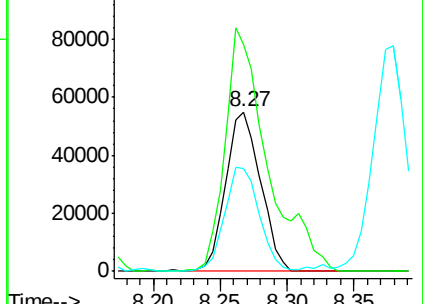
115 64.4 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 14.64 ng

RT: 3.66 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

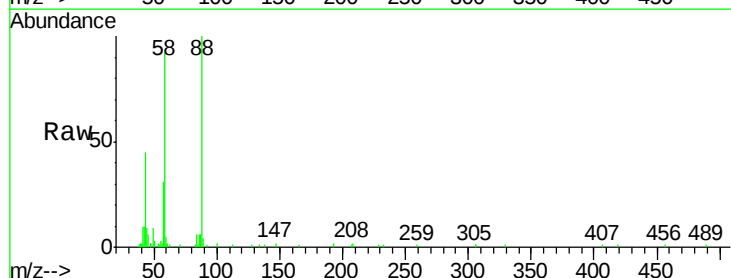
Tgt Ion: 88 Resp: 36506

Ion Ratio Lower Upper

88 100

58 92.9 79.4 119.2

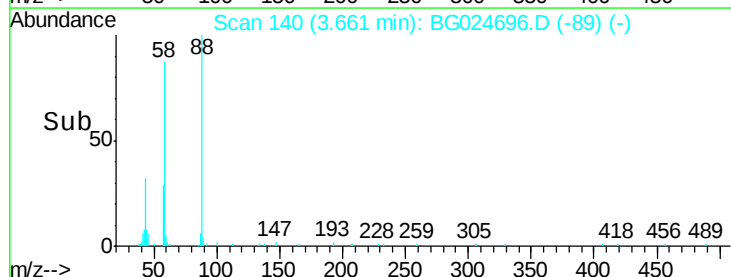
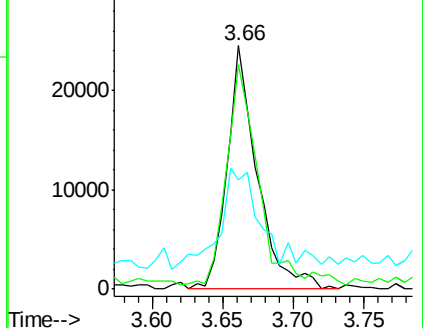
43 58.7 33.8 50.6#

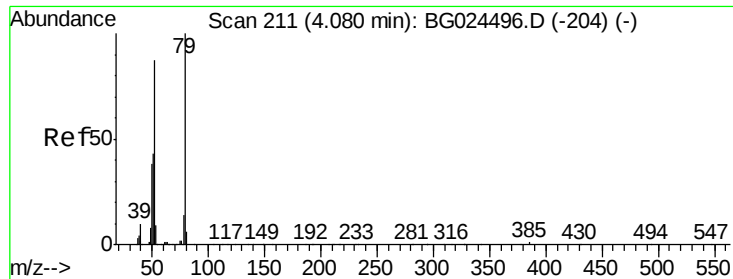


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 11.31 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

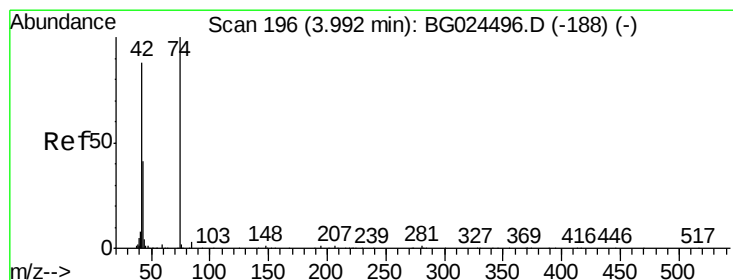
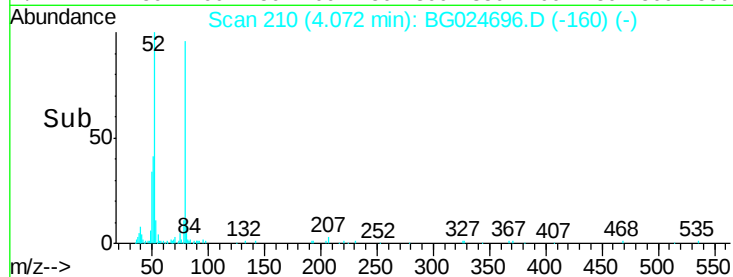
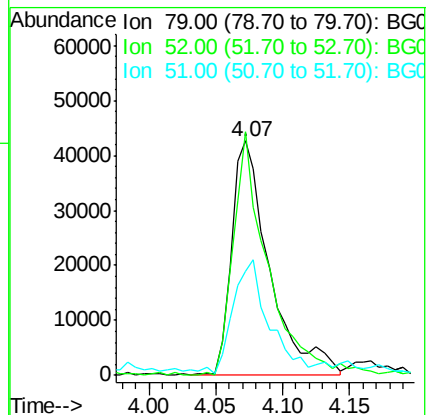
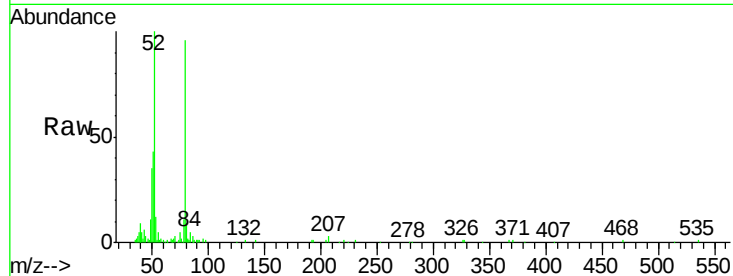
BNA_G

ClientSampleId :

S22-0015MS

Tot Ion: 79 Resp: 84443

Ion	Ratio	Lower	Upper
79	100		
52	104.0	77.8	116.6
51	44.5	43.2	64.8



#4

n-Nitrosodimethylamine

Concen: 17.92 ng

RT: 3.98 min Scan# 195

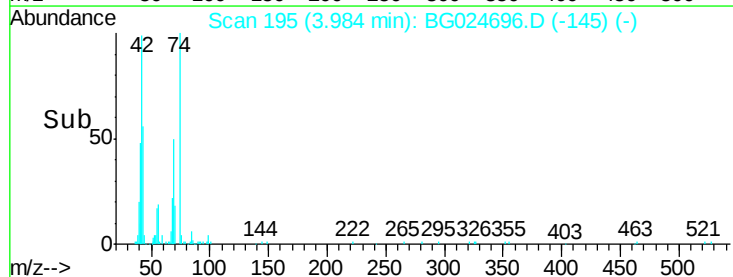
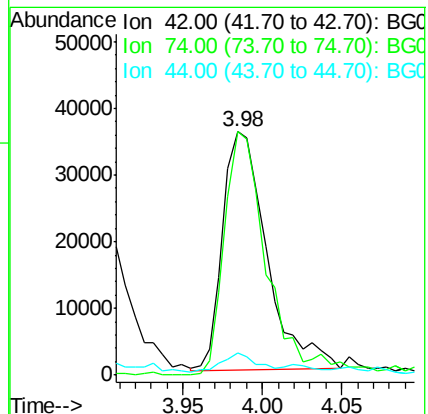
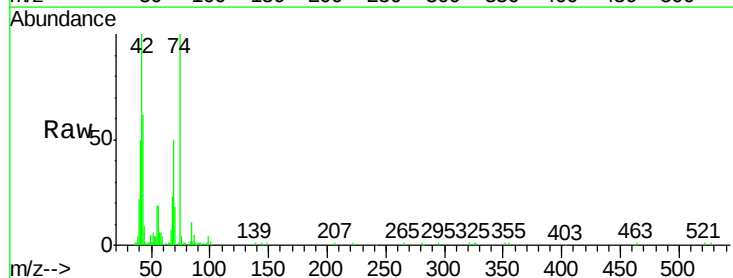
Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion: 42 Resp: 69256

Ion	Ratio	Lower	Upper
42	100		
74	99.9	76.7	115.1
44	9.1	6.1	9.1





#5

2-Fluorophenol

Concen: 57.22 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

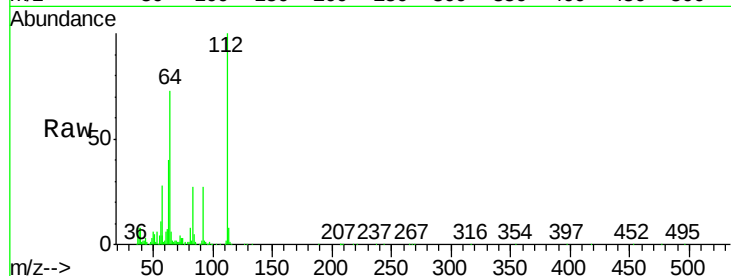
Tot Ion:112 Resp: 349295

Ion Ratio Lower Upper

112 100

64 73.3 61.8 92.6

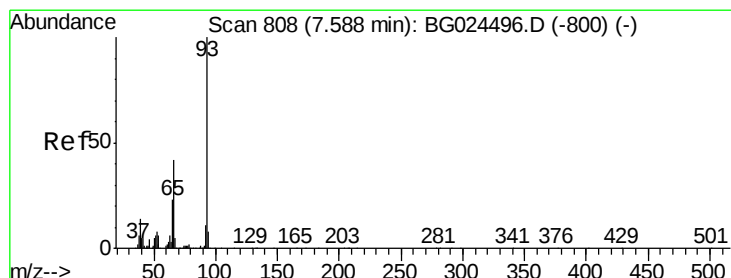
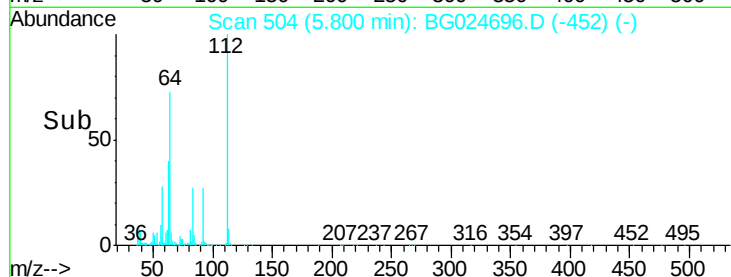
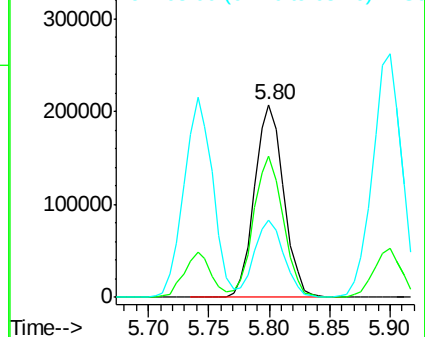
63 39.8 37.2 55.8



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: 14.94 ng

RT: 7.59 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

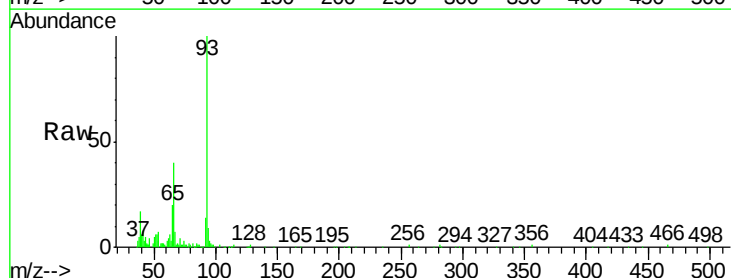
Tgt Ion: 93 Resp: 158449

Ion Ratio Lower Upper

93 100

66 40.4 35.4 53.2

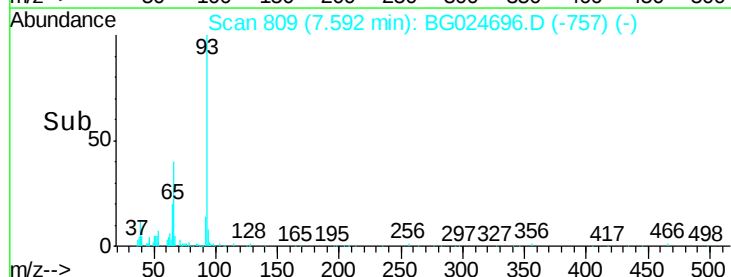
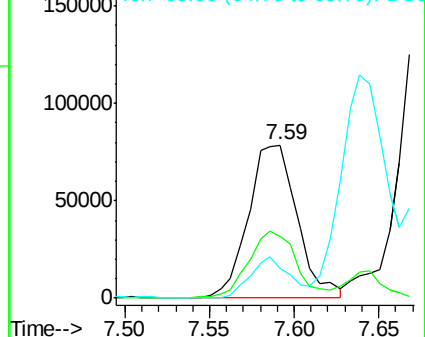
65 19.8 21.2 31.8#

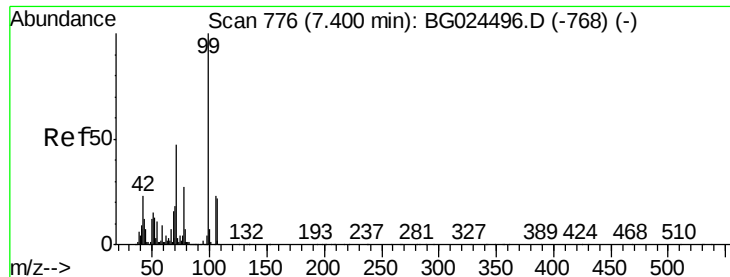


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 36.50 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

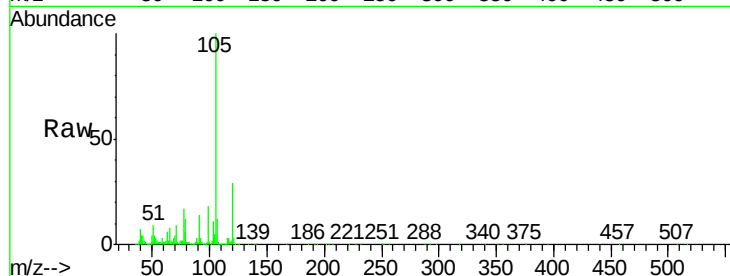
Tot Ion: 99 Resp: 305586

Ion Ratio Lower Upper

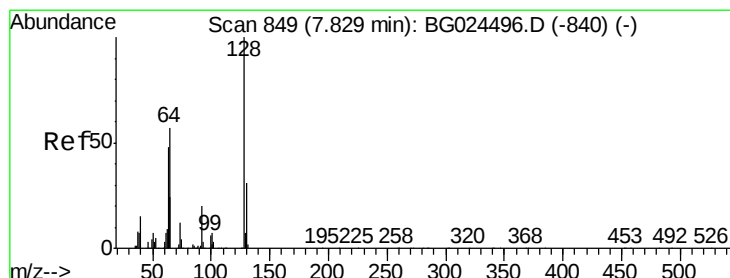
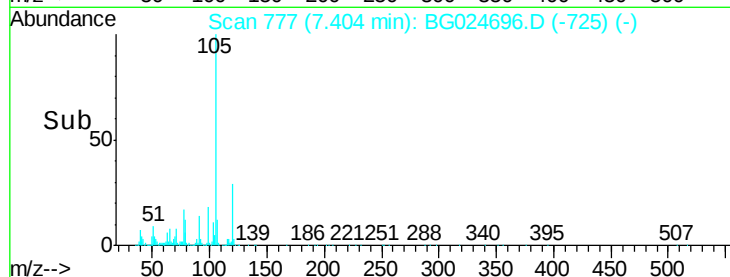
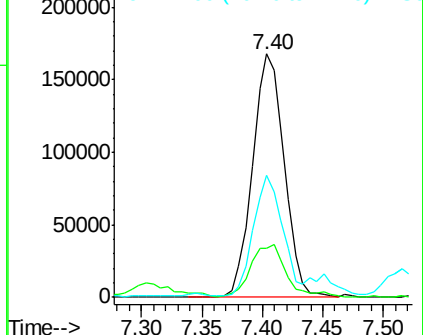
99 100

42 20.1 20.5 30.7#

71 49.9 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: 38.62 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

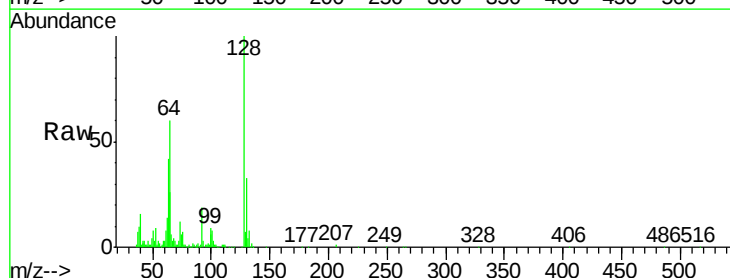
Tgt Ion: 128 Resp: 239683

Ion Ratio Lower Upper

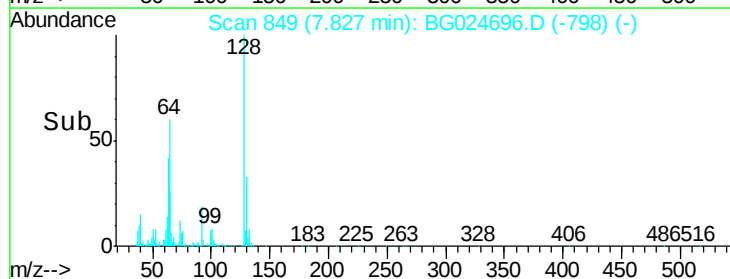
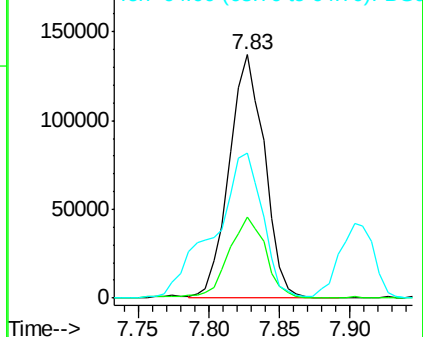
128 100

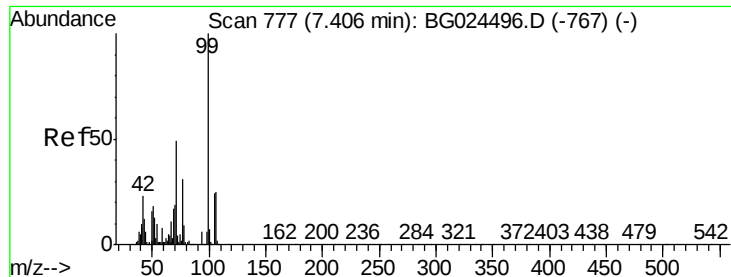
130 33.4 11.4 51.4

64 59.7 46.6 86.6



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





#9

Benzaldehyde

Concen: 73.11 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

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S22-0015MS

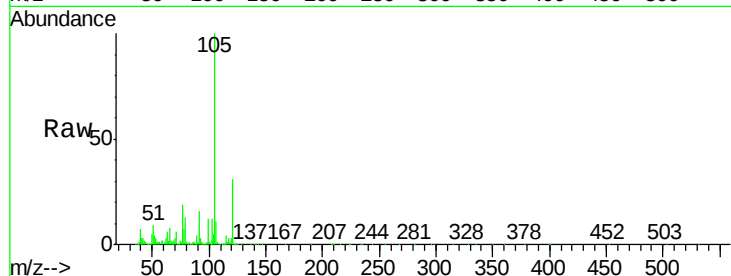
Tot Ion: 77 Resp: 378274

Ion Ratio Lower Upper

77 100

105 532.2 60.9 100.9#

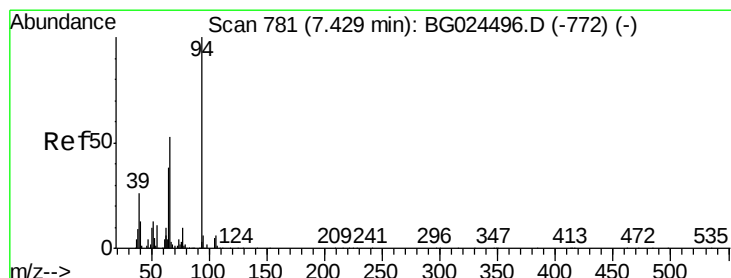
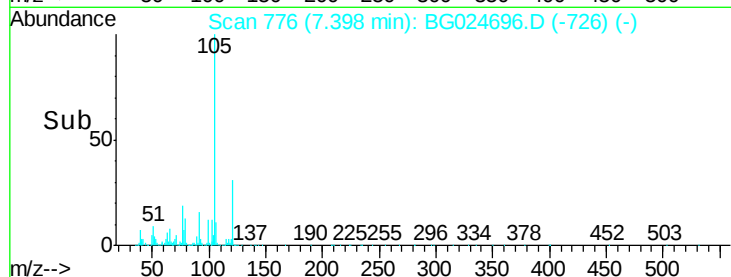
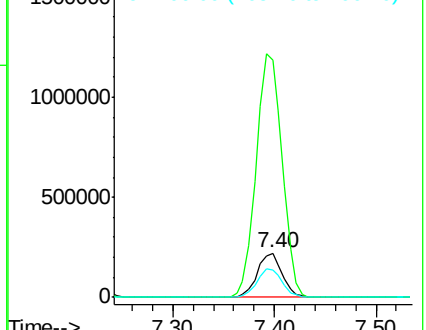
106 60.0 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 14.59 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

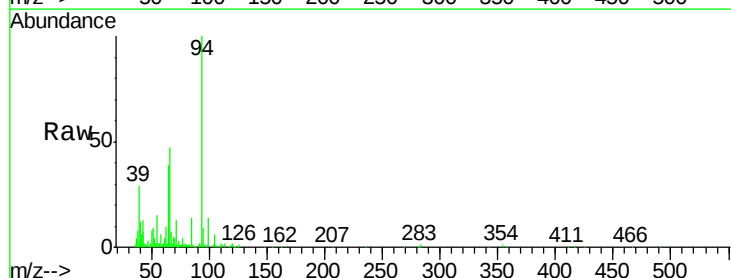
Tgt Ion: 94 Resp: 125926

Ion Ratio Lower Upper

94 100

65 39.3 20.6 60.6

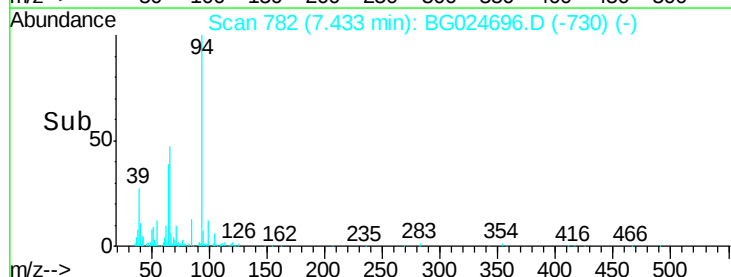
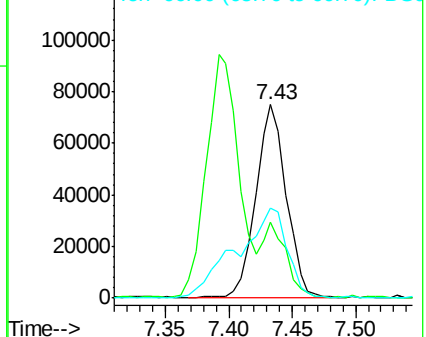
66 46.8 35.5 75.5

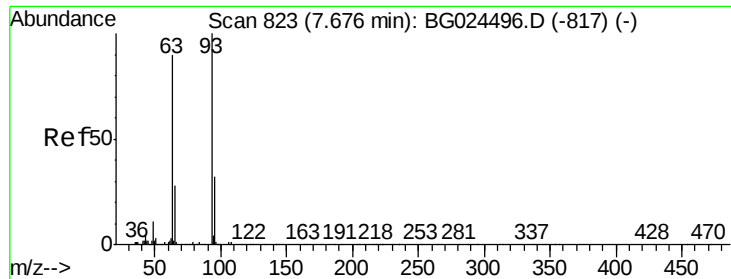


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

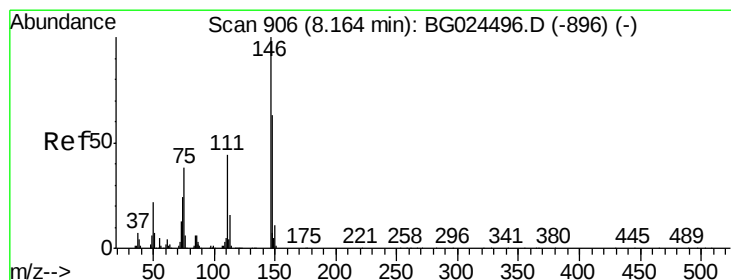
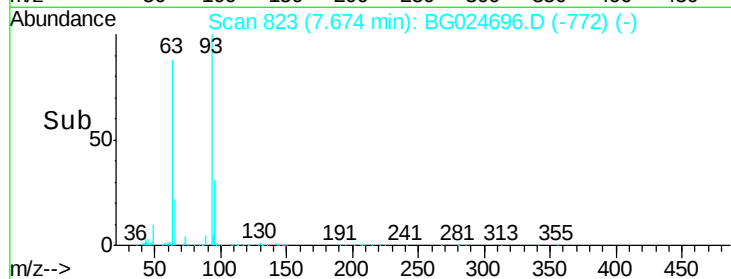
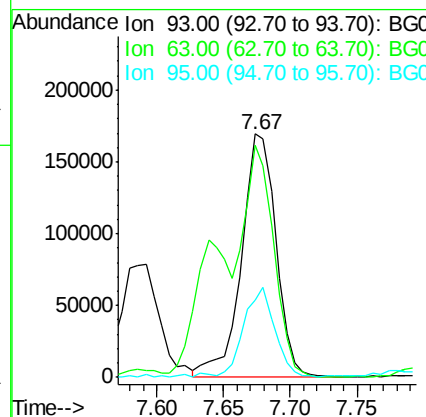
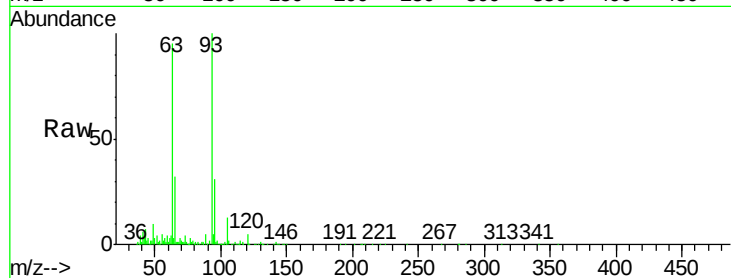




#11
bis(2-Chloroethyl)ether
Concen: 46.53 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

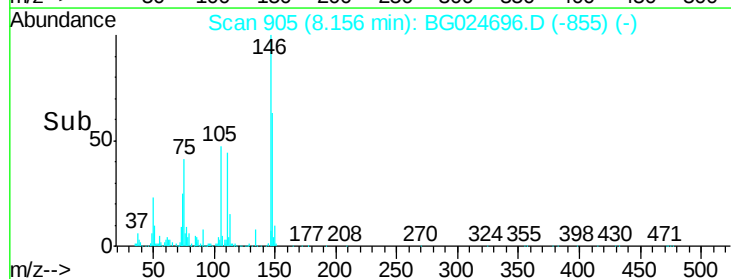
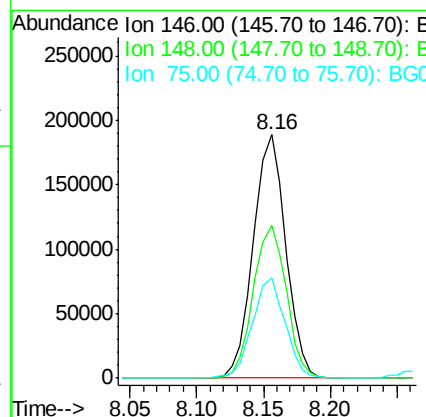
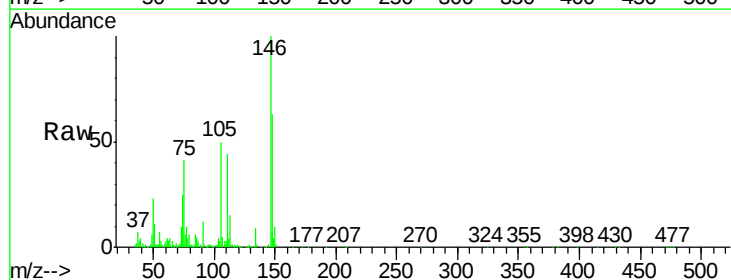
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tot Ion: 93 Resp: 301706
Ion Ratio Lower Upper
93 100
63 95.4 78.5 118.5
95 31.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 41.22 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion: 146 Resp: 316708
Ion Ratio Lower Upper
146 100
148 62.8 49.2 73.8
75 40.9 33.4 50.2

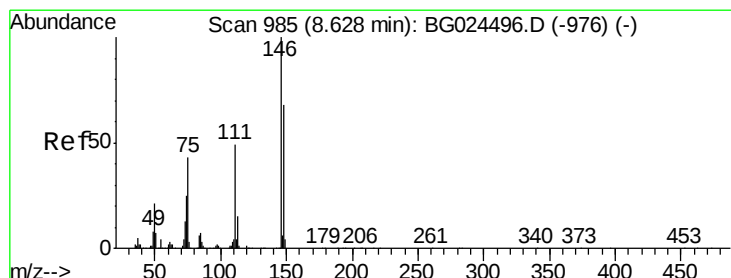
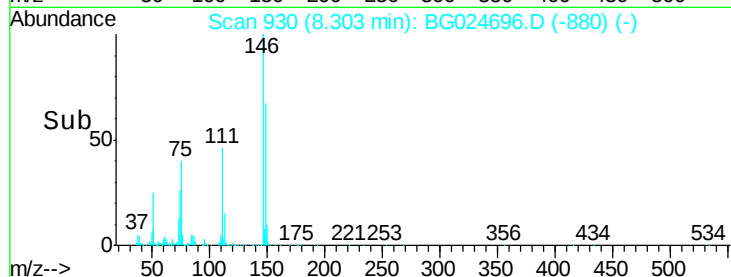
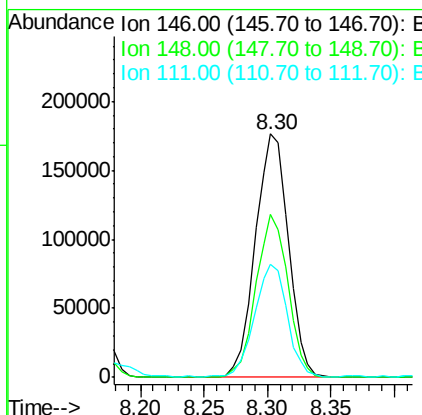
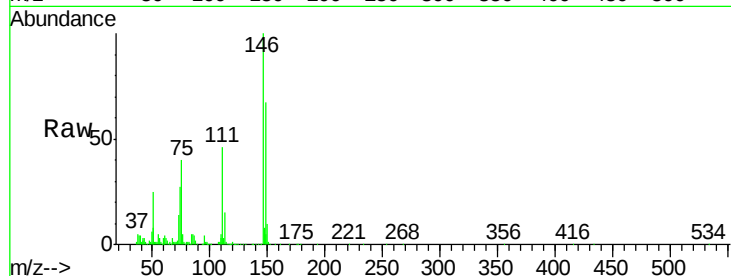




#13
 1,4-Dichlorobenzene
 Concen: 42.15 ng
 RT: 8.30 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG024696.D
 Acq: 5 Nov 2016 4:22

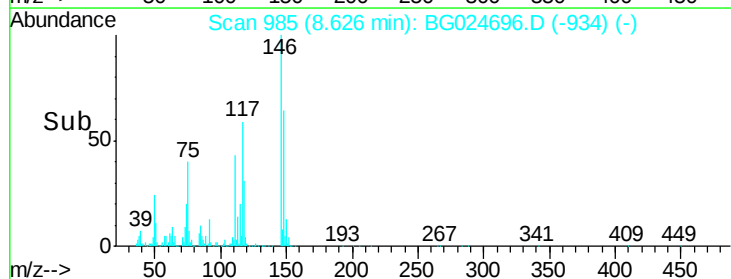
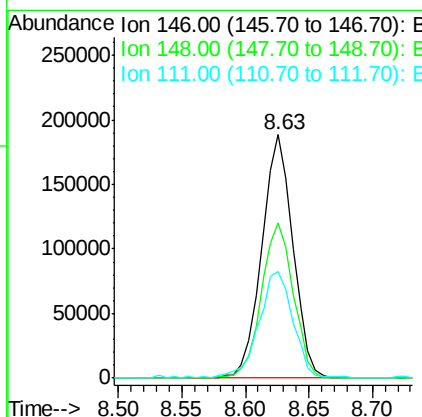
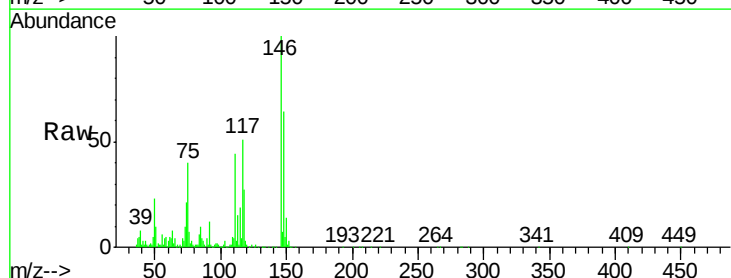
Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MS

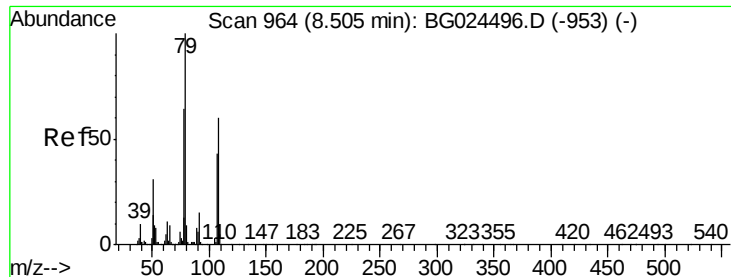
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.2	78.2
111	46.5	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 44.07 ng
 RT: 8.63 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BG024696.D
 Acq: 5 Nov 2016 4:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	54.6	81.8
111	43.8	39.7	59.5





#15

Benzyl Alcohol

Concen: 27.76 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

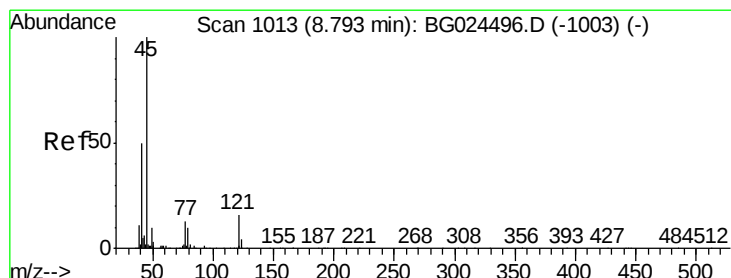
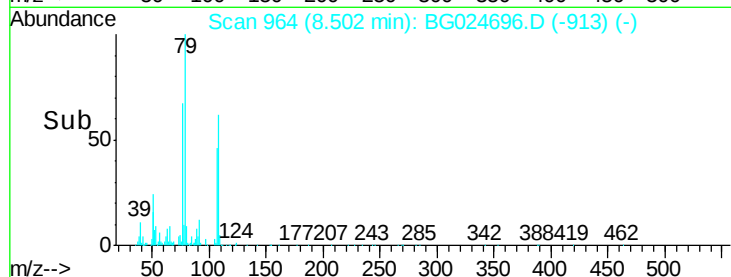
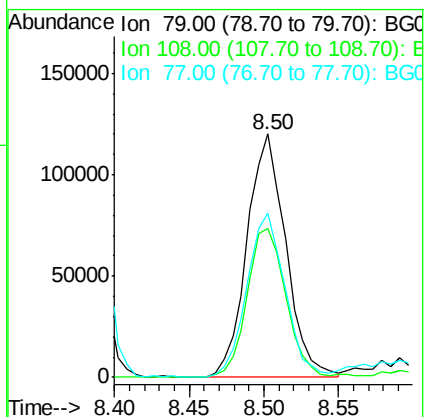
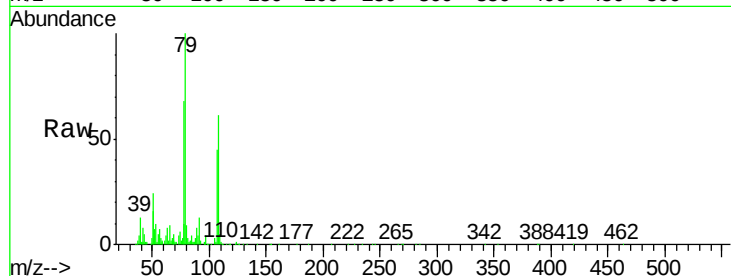
Tot Ion: 79 Resp: 216219

Ion Ratio Lower Upper

79 100

108 61.1 45.5 68.3

77 67.7 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.64 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

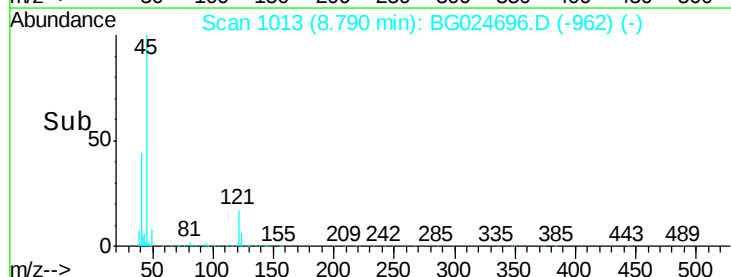
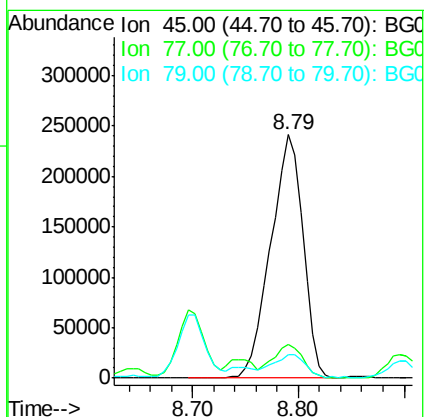
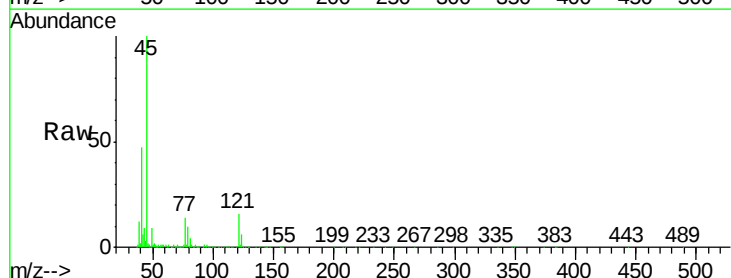
Tgt Ion: 45 Resp: 512926

Ion Ratio Lower Upper

45 100

77 14.0 0.0 30.6

79 9.7 0.0 28.5

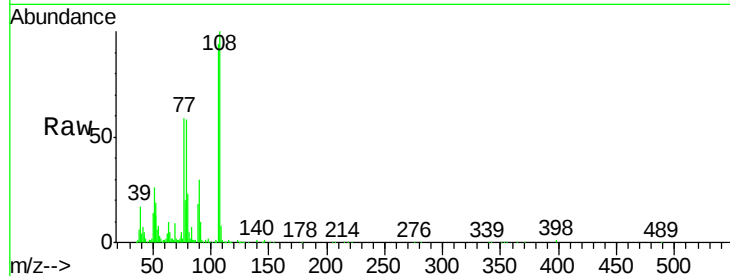




#17
2-Methylphenol
Concen: 32.14 ng
RT: 8.70 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.5	85.6	128.4
77	63.0	51.4	77.2
79	62.2	49.2	73.8



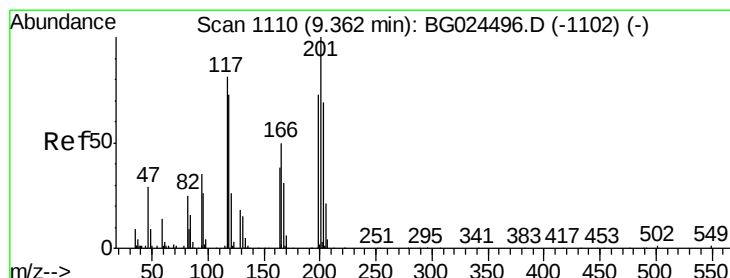
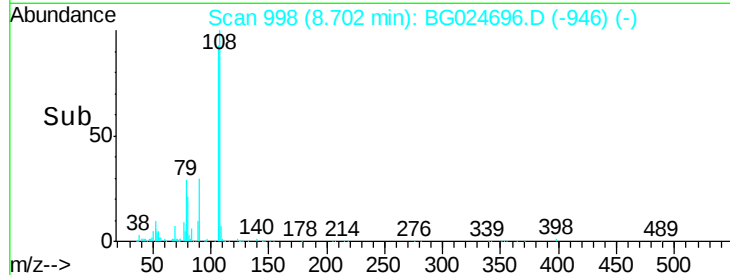
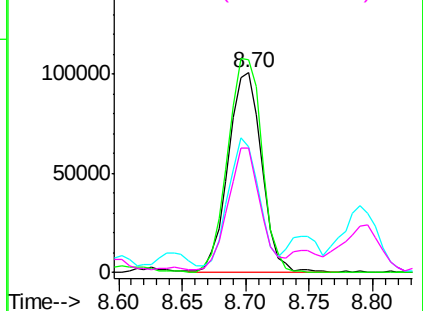
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

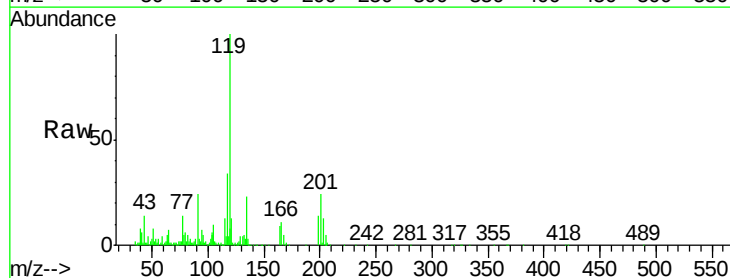
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 93.41 ng
RT: 9.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	293.9	69.8	104.6#
201	69.3	95.4	143.0#

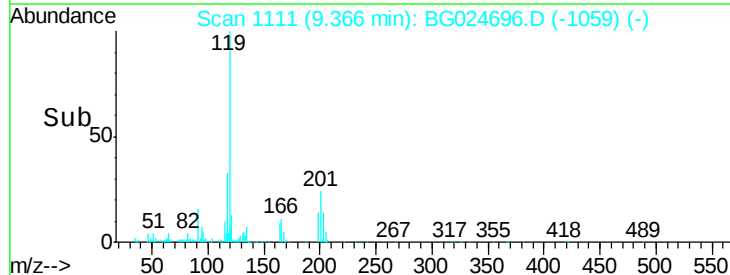
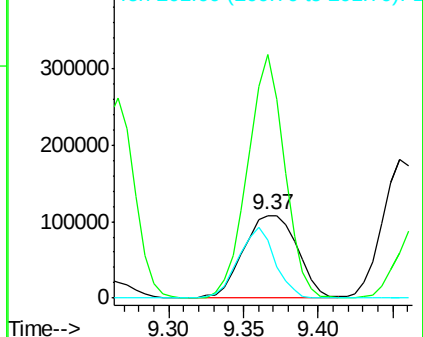


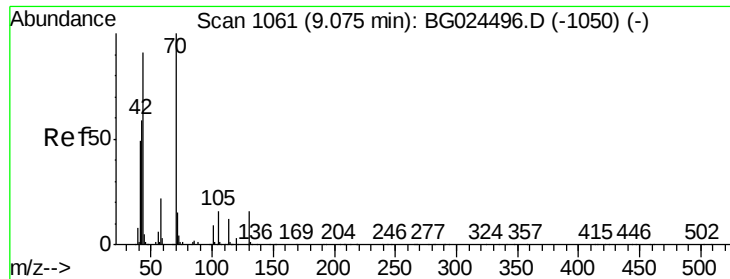
Abundance

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

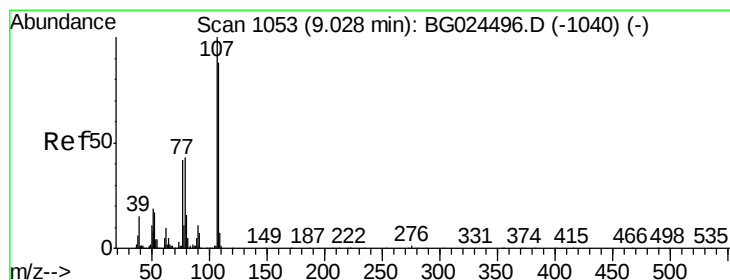
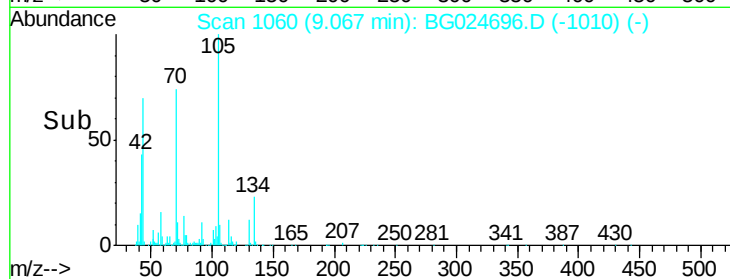
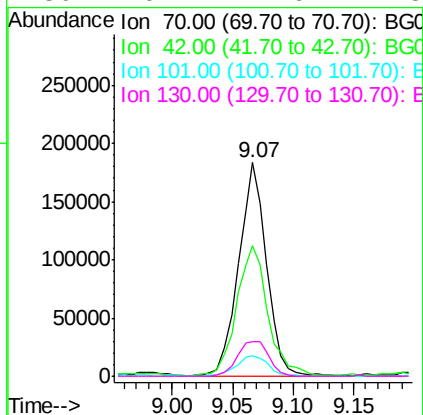
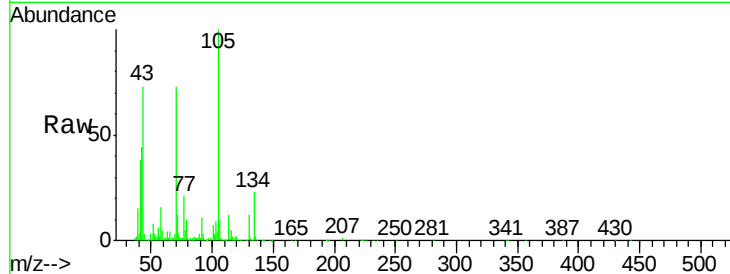




#19
n-Nitroso-di-n-propylamine
Concen: 47.52 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

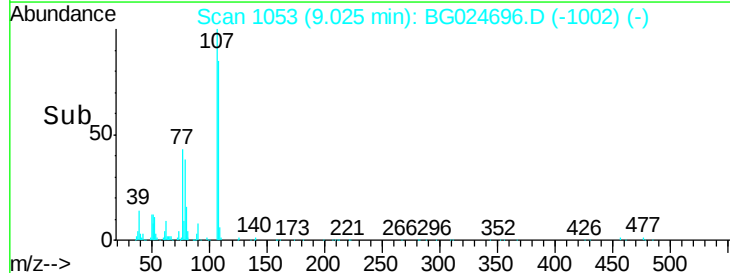
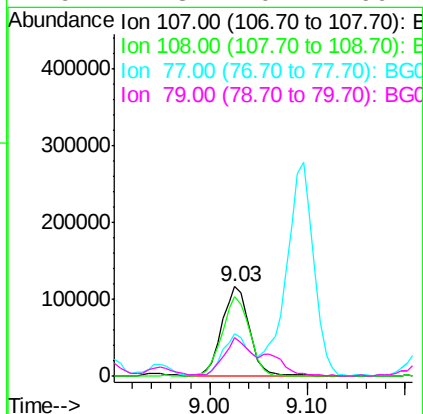
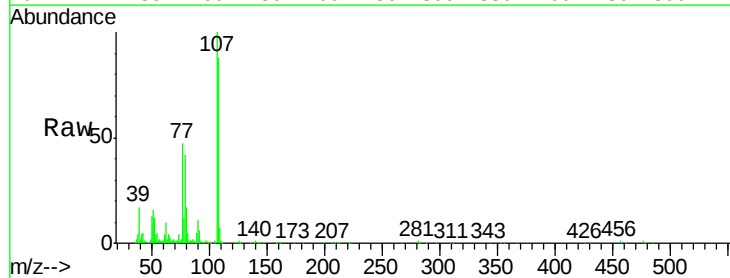
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tot Ion:	70	Resp:	293207
Ion	Ratio	Lower	Upper
70	100		
42	60.9	56.1	84.1
101	9.6	7.5	11.3
130	16.4	14.6	21.8



#20
3+4-Methylphenols
Concen: 29.34 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:	107	Resp:	225260
Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.8	110.8
77	46.9	25.8	65.8
79	42.3	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

Tot Ion:136 Resp: 393110

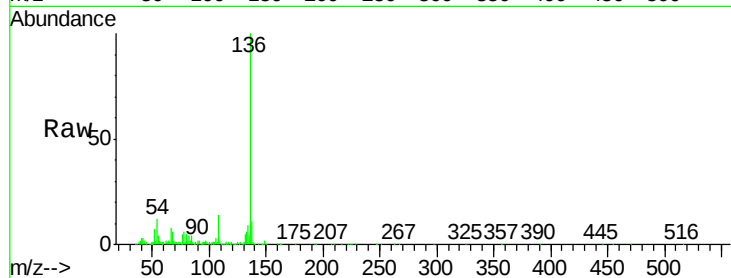
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	12.5	9.3	13.9
68	6.1	5.1	7.7

136 100

137 11.3 8.9 13.3

54 12.5 9.3 13.9

68 6.1 5.1 7.7

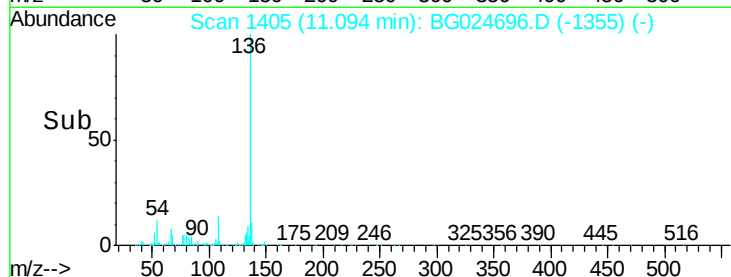


Abundance Ion 136.00 (135.70 to 136.70): E

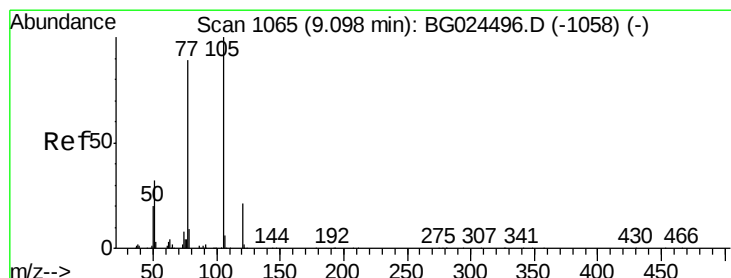
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 11.00 11.10 11.20



#22

Acetophenone

Concen: 48.31 ng

RT: 9.09 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion:105 Resp: 487857

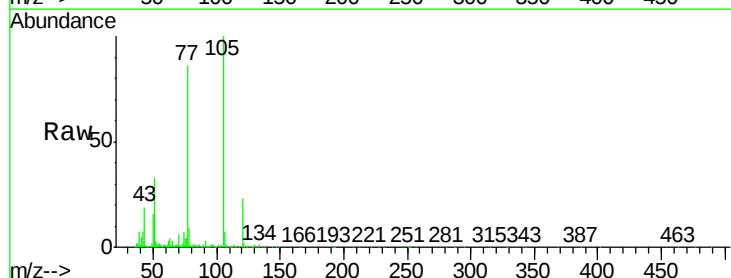
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.9	1.3
51	32.8	34.0	51.0#
120	22.6	17.3	25.9

105 100

71 1.0 0.9 1.3

51 32.8 34.0 51.0#

120 22.6 17.3 25.9

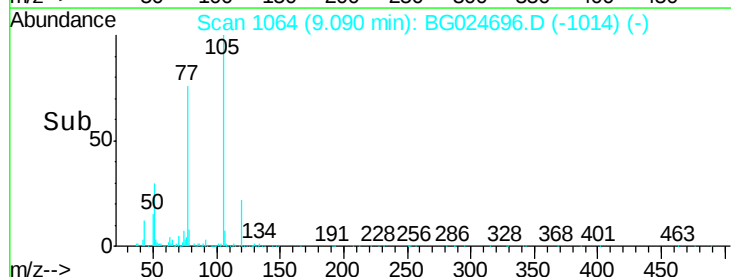


Abundance Ion 105.00 (104.70 to 105.70): E

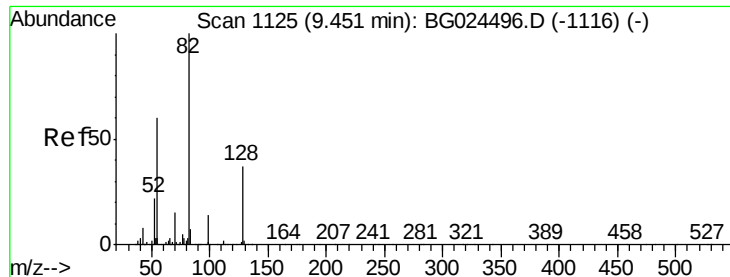
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



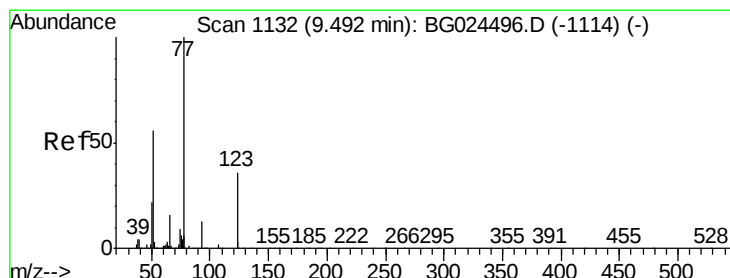
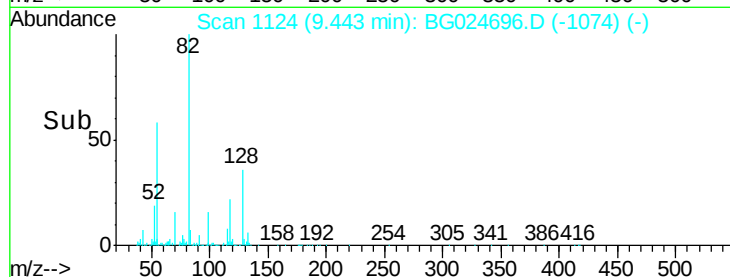
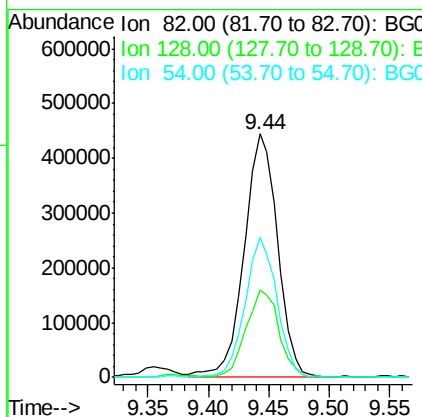
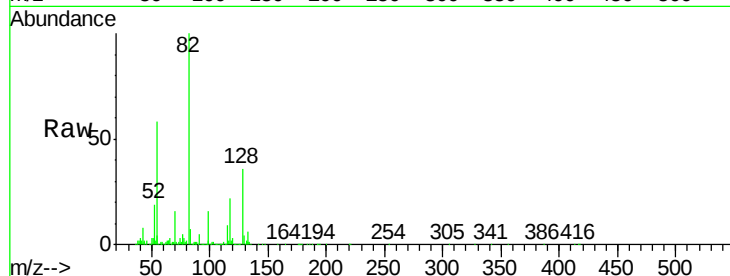
Time--> 9.05 9.10 9.15



#23
 Nitrobenzene-d5
 Concen: 98.57 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024696.D
 Acq: 5 Nov 2016 4:22

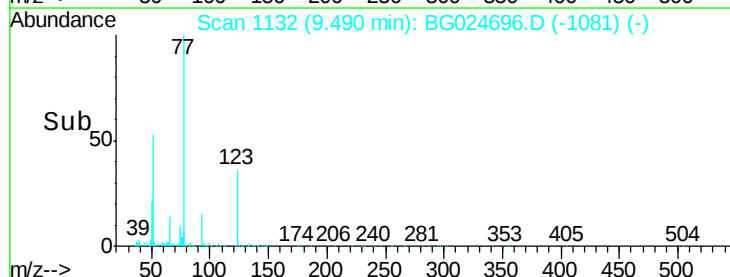
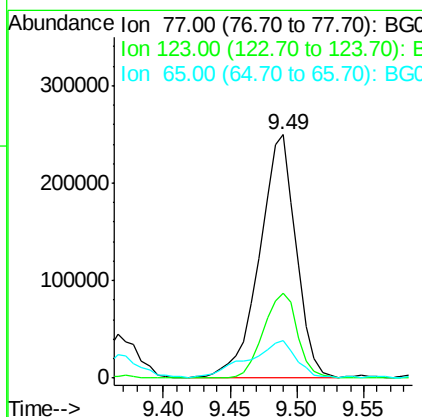
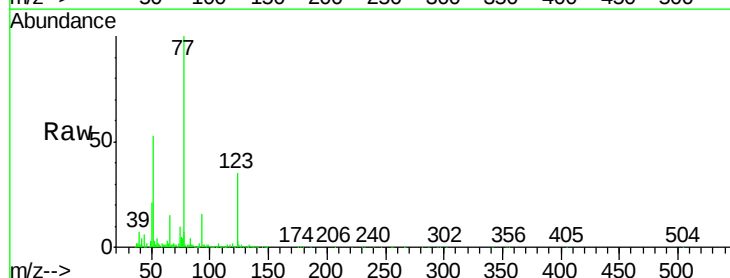
Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MS

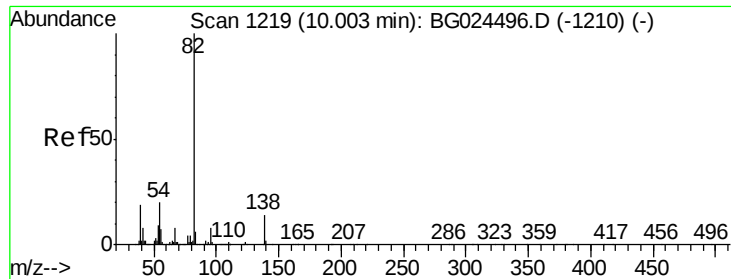
Tot Ion	82	Resp	851087
Ion Ratio	Lower	Upper	
82	100		
128	36.1	26.4	39.6
54	57.7	49.4	74.2



#24
 Nitrobenzene
 Concen: 48.90 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024696.D
 Acq: 5 Nov 2016 4:22

Tgt Ion	77	Resp	469743
Ion Ratio	Lower	Upper	
77	100		
123	34.7	26.1	39.1
65	15.2	12.4	18.6





#25

Isophorone

Concen: 48.19 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

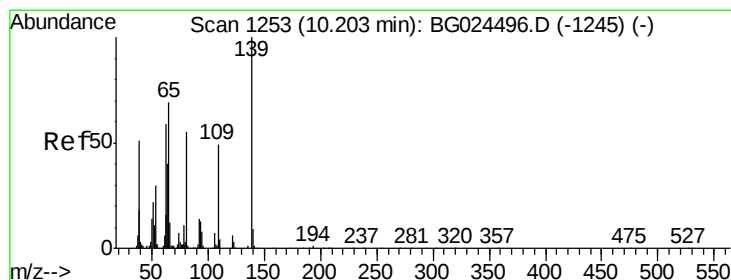
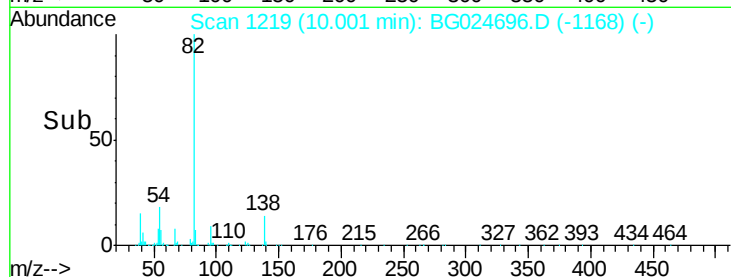
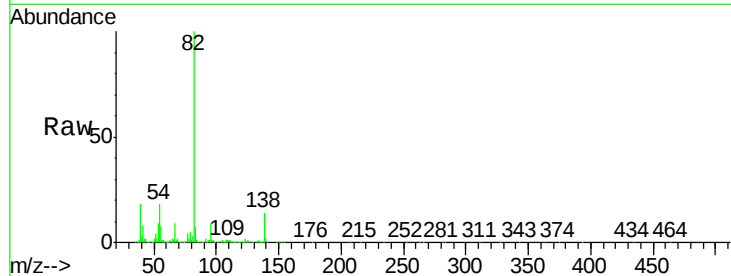
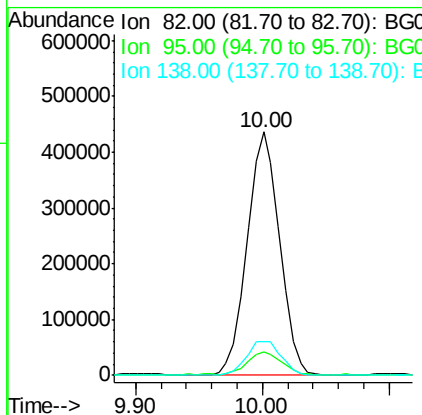
BNA_G

ClientSampleId :

S22-0015MS

Tot Ion: 82 Resp: 773947

Ion	Ratio	Lower	Upper
82	100		
95	9.4	7.5	11.3
138	13.8	12.3	18.5



#26

2-Nitrophenol

Concen: 48.86 ng

RT: 10.20 min Scan# 1253

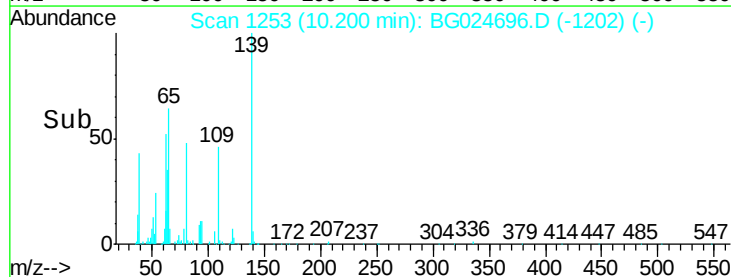
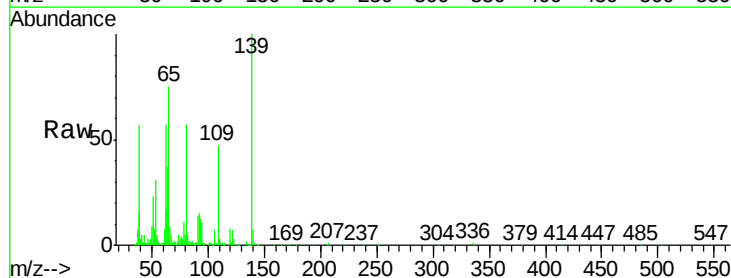
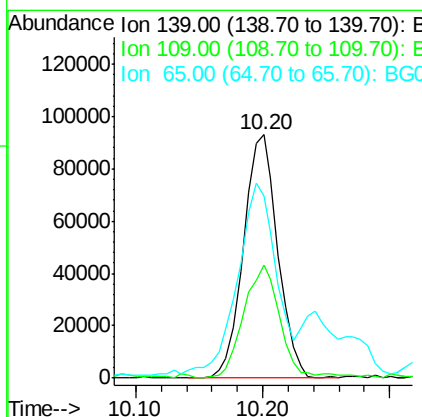
Delta R.T. -0.00 min

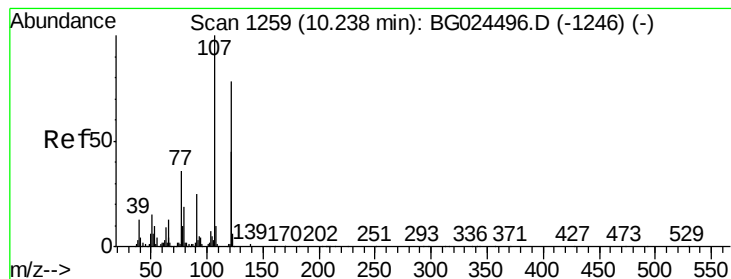
Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion: 139 Resp: 174211

Ion	Ratio	Lower	Upper
139	100		
109	46.7	38.6	58.0
65	75.0	57.1	85.7





#27

2,4-Dimethylphenol

Concen: 72.26 ng

RT: 10.24 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

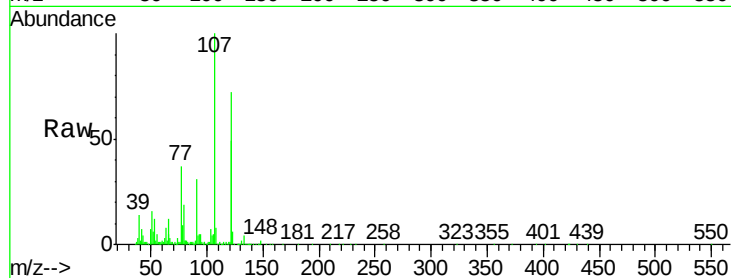
Tot Ion:122 Resp: 450974

Ion Ratio Lower Upper

122 100

107 139.4 104.2 156.4

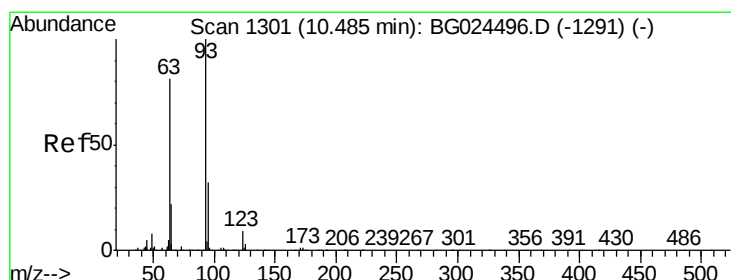
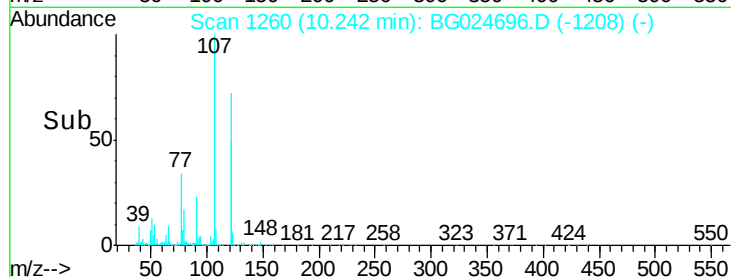
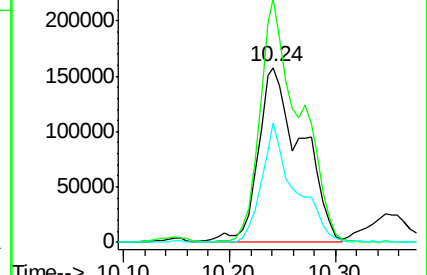
121 68.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.66 ng

RT: 10.48 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

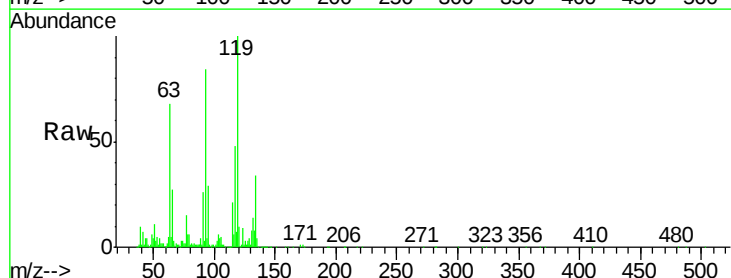
Tgt Ion: 93 Resp: 420963

Ion Ratio Lower Upper

93 100

95 34.4 25.7 38.5

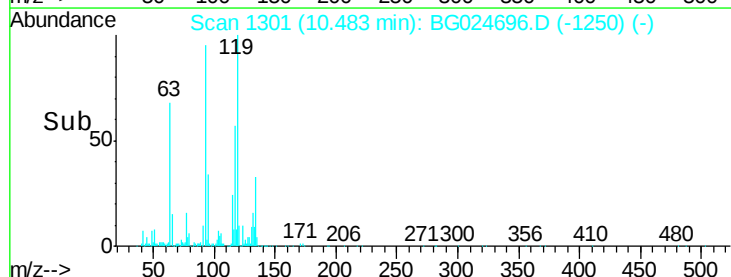
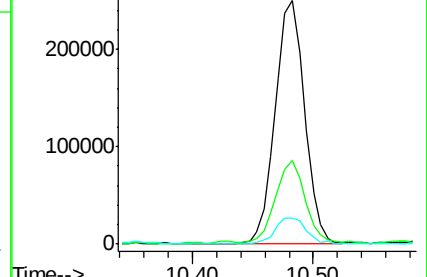
123 10.6 8.3 12.5

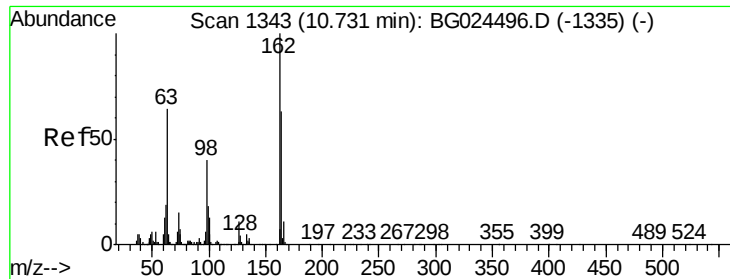


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

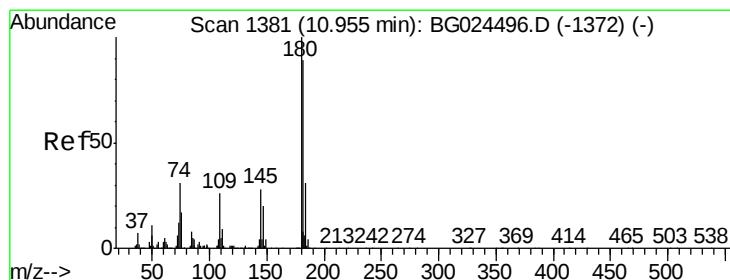
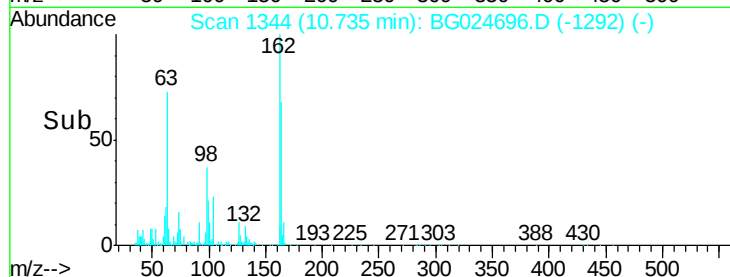
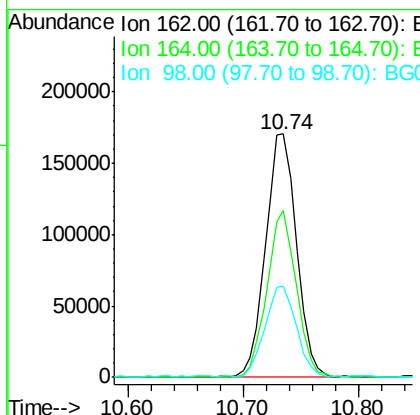
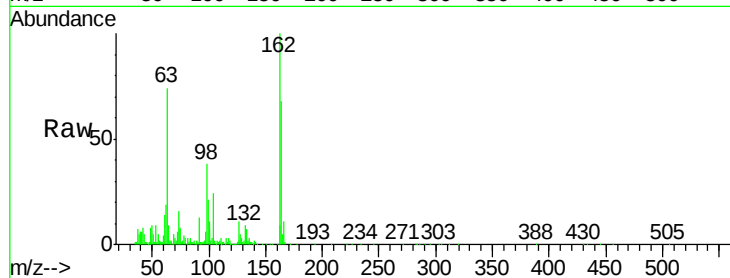




#29
2,4-Dichlorophenol
Concen: 48.56 ng
RT: 10.74 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

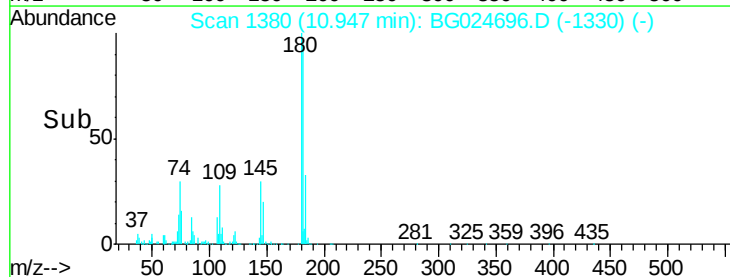
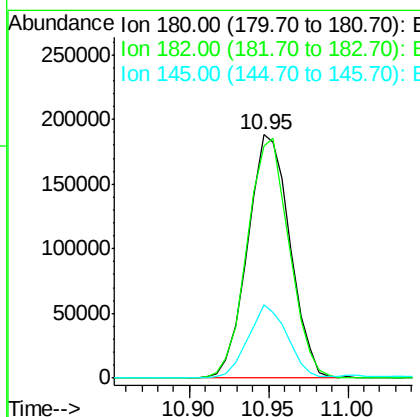
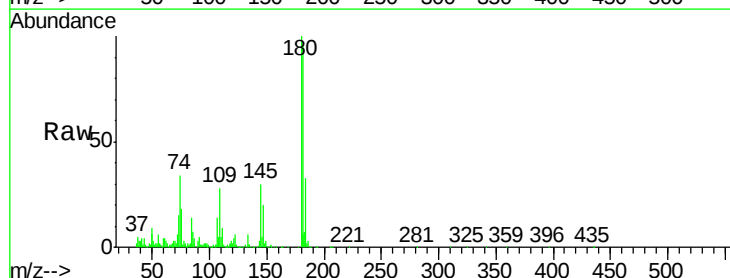
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

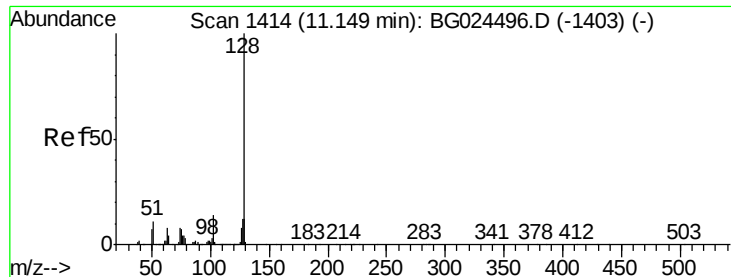
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	42.4	82.4
98	37.6	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 44.80 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.4
145	30.2	23.4	35.0

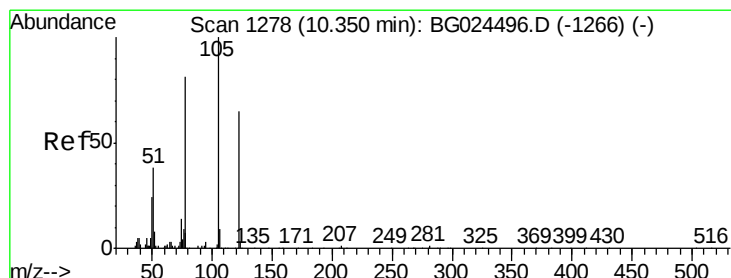
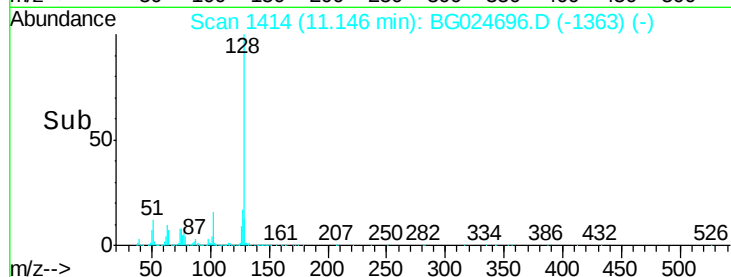
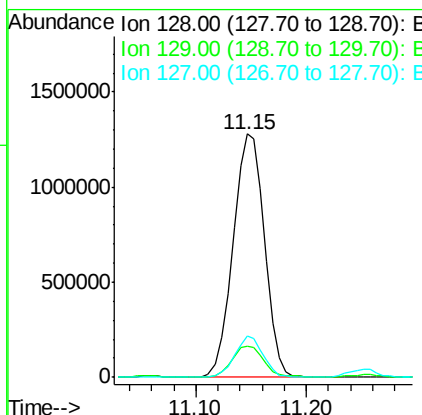
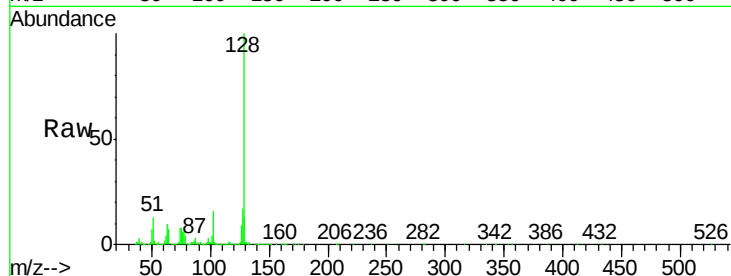




#31
Naphthalene
Concen: 129.56 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

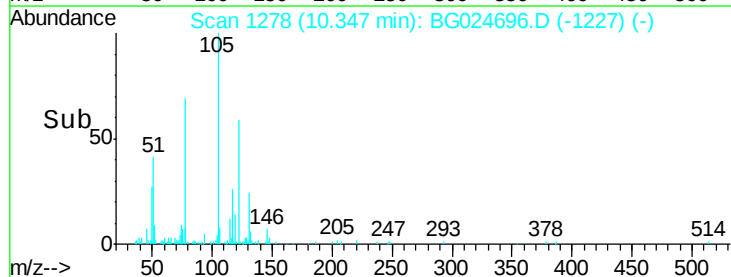
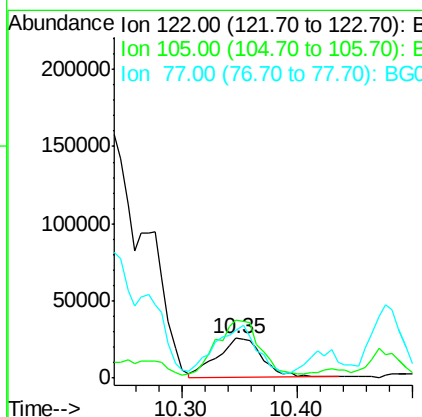
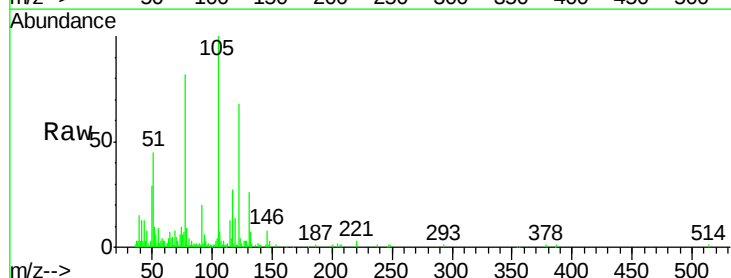
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tot Ion:128 Resp: 2540550
Ion Ratio Lower Upper
128 100
129 13.0 9.3 13.9
127 17.0 11.4 17.0



#32
Benzoic acid
Concen: 13.12 ng
RT: 10.35 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:122 Resp: 68189
Ion Ratio Lower Upper
122 100
105 146.3 120.1 160.1
77 119.8 104.6 144.6

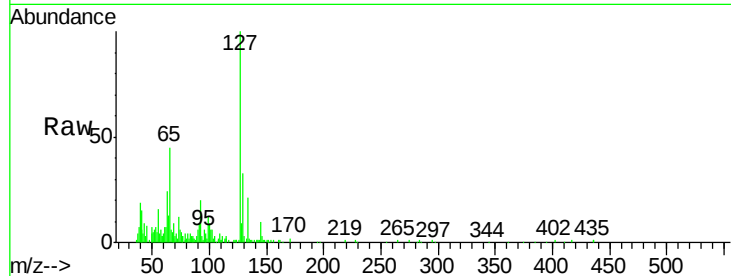




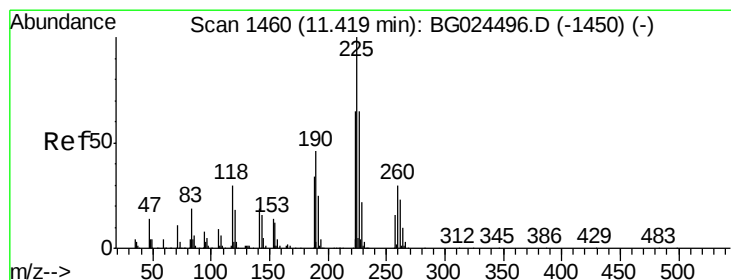
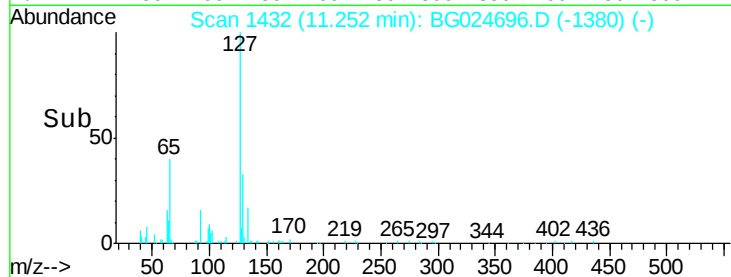
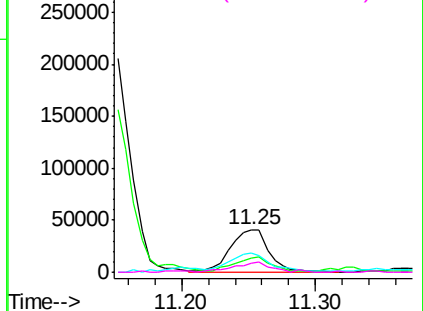
#33
4-Chloroaniline
Concen: 9.37 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tot Ion:127	Resp:	79770	
Ion Ratio	Lower	Upper	
127 100			
129 33.4	23.6	35.4	
65 45.3	37.7	56.5	
92 20.2	17.6	26.4	

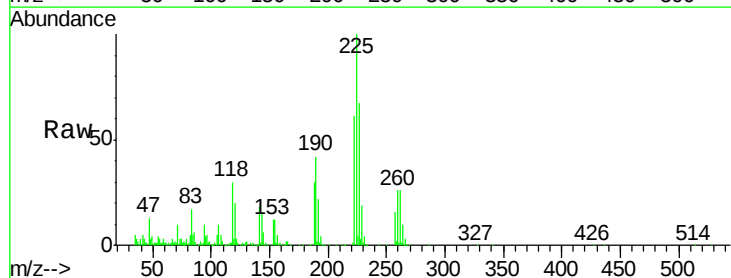


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

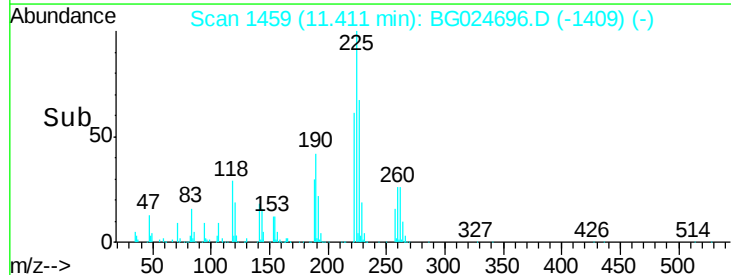
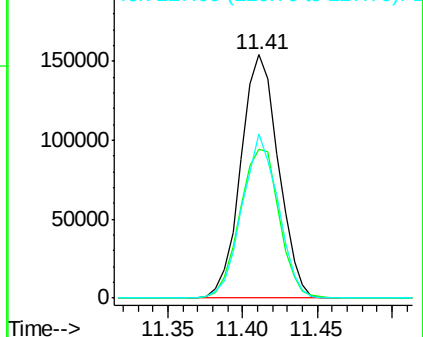


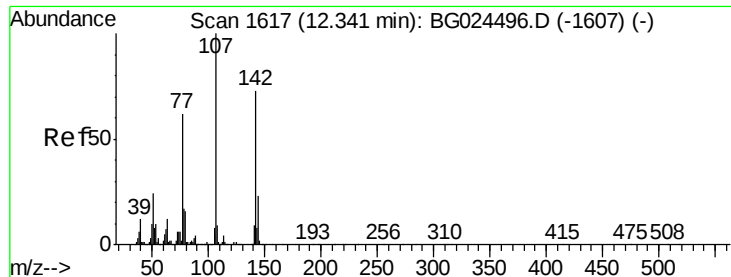
#34
Hexachlorobutadiene
Concen: 44.12 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt	Ion:225	Resp:	268363
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.7	76.1
227	67.4	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

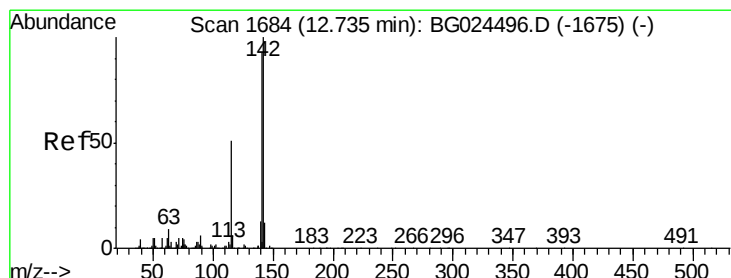
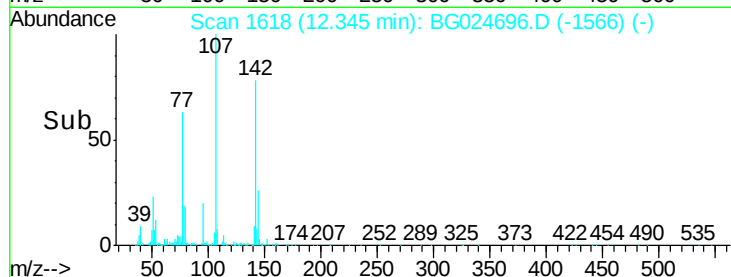
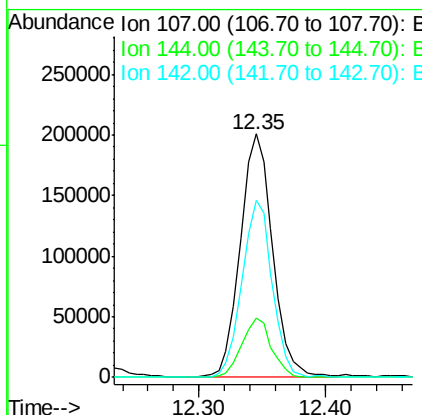
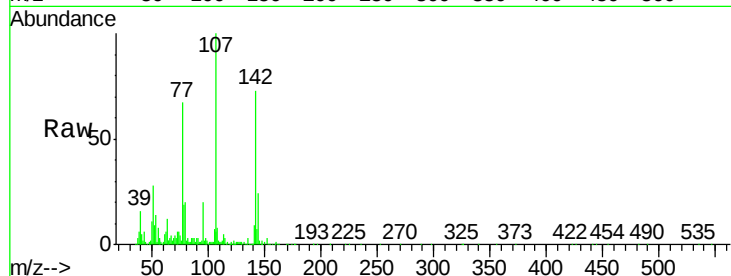




#36
4-Chloro-3-methylphenol
Concen: 44.57 ng
RT: 12.35 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

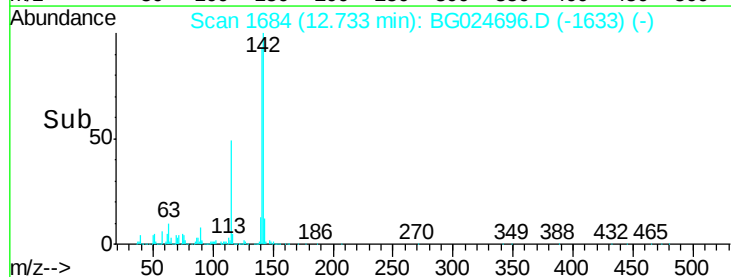
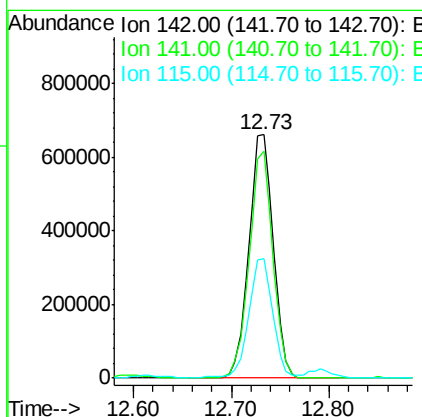
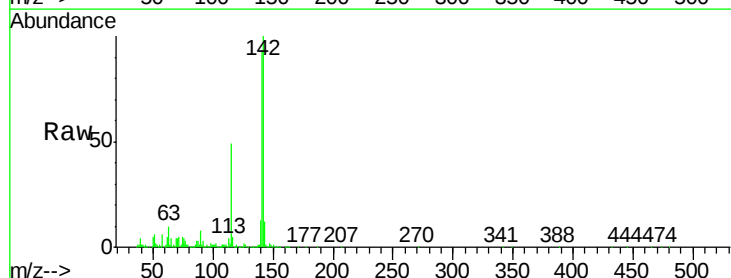
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

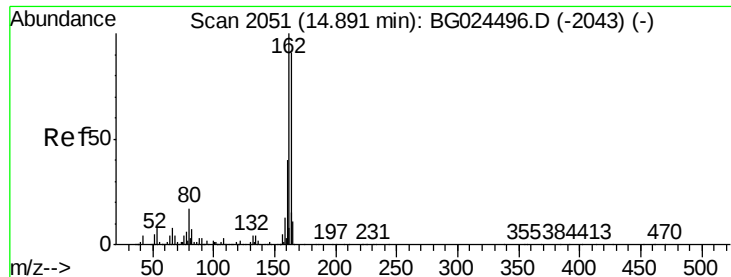
Tot Ion:107 Resp: 352454
Ion Ratio Lower Upper
107 100
144 24.3 17.4 26.0
142 72.6 54.1 81.1



#37
2-Methylnaphthalene
Concen: 81.15 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:142 Resp: 1161157
Ion Ratio Lower Upper
142 100
141 93.0 70.4 105.6
115 49.0 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

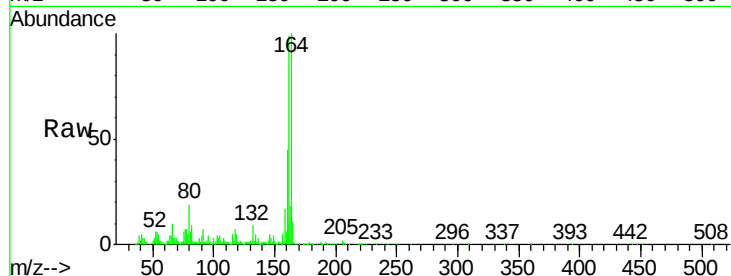
Tot Ion:164 Resp: 324627

Ion Ratio Lower Upper

164 100

162 99.3 85.1 127.7

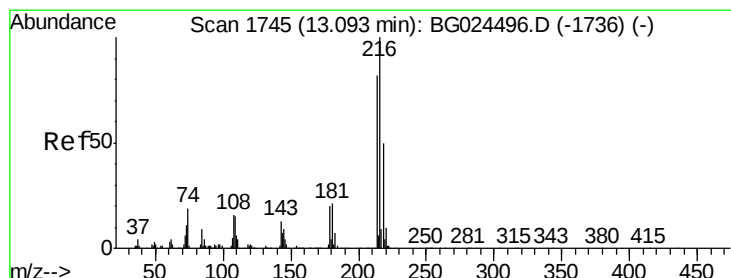
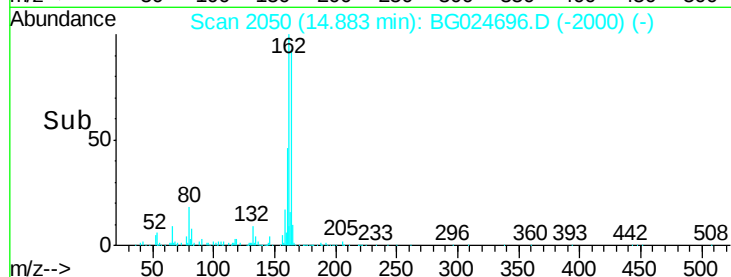
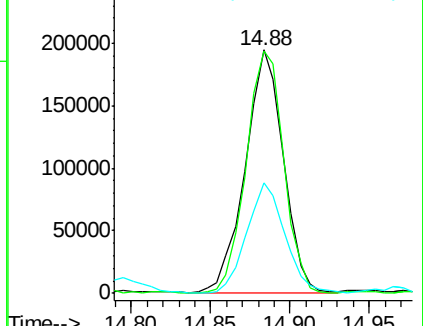
160 45.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.22 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion:216 Resp: 473263

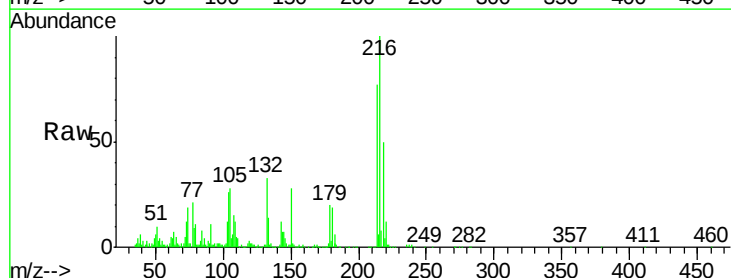
Ion Ratio Lower Upper

216 100

214 79.4 64.4 96.6

179 20.3 17.4 26.0

108 20.4 15.6 23.4

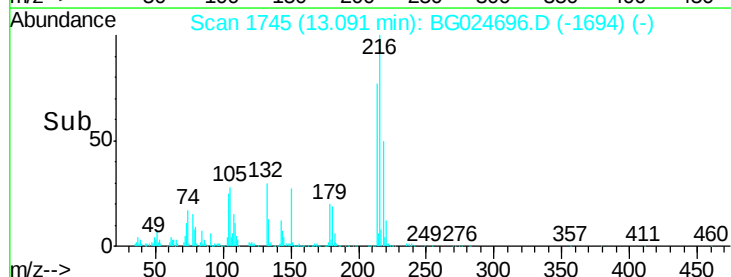
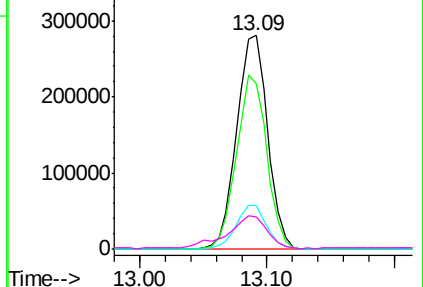


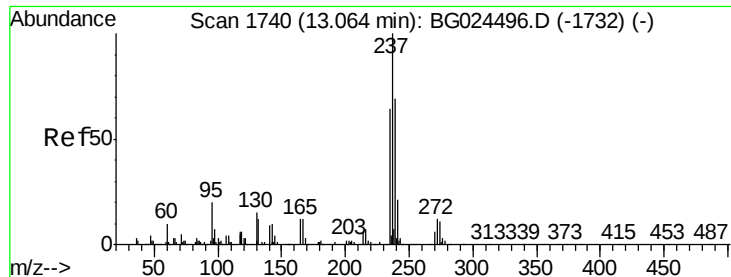
Abundance Ion 216.00 (215.70 to 216.70): E

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

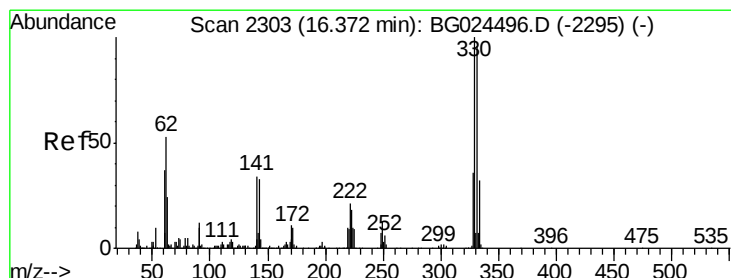
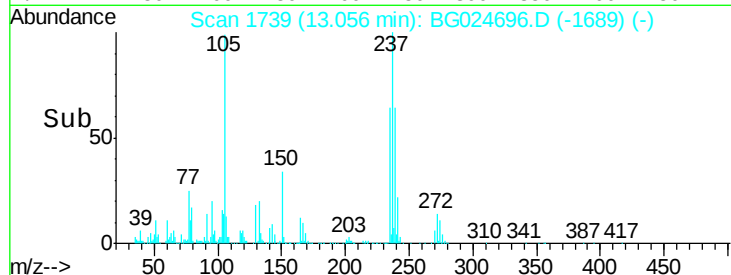
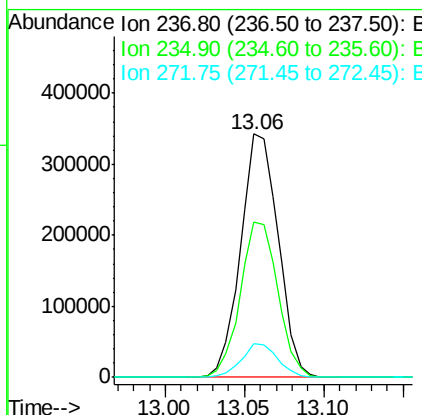
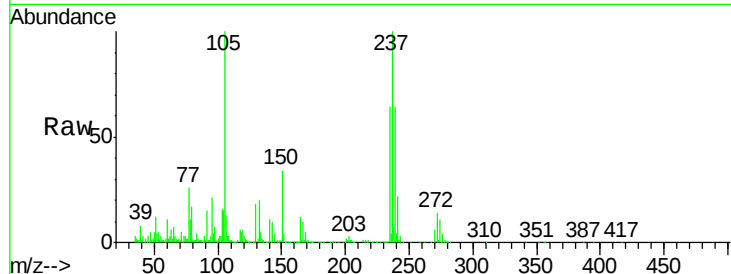




#40
Hexachlorocyclopentadiene
Concen: 91.25 ng
RT: 13.06 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

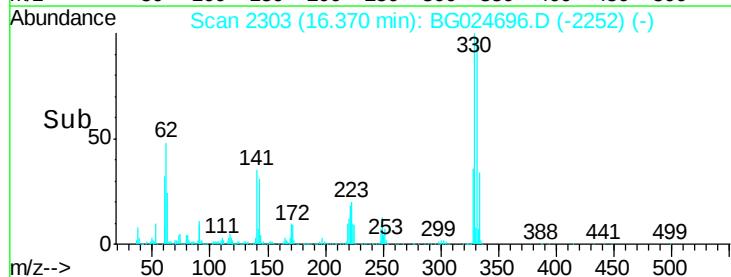
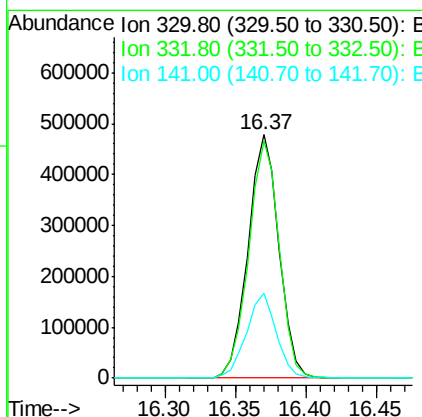
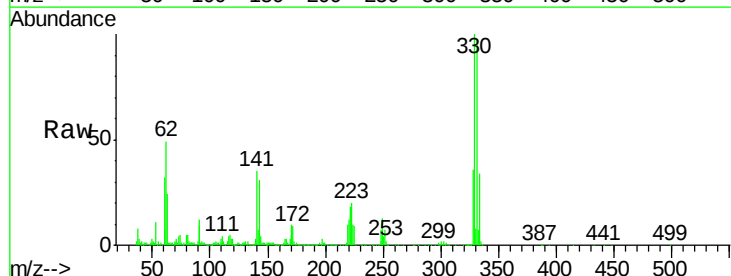
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

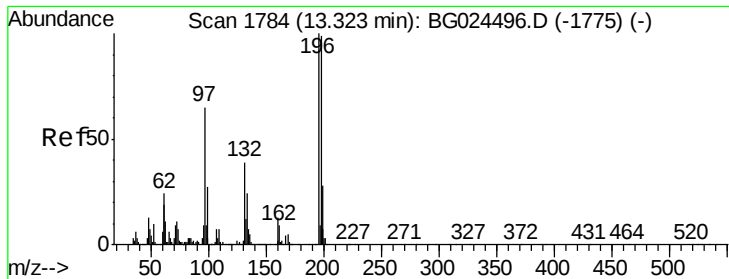
Tot Ion:237 Resp: 562646
Ion Ratio Lower Upper
237 100
235 63.8 39.4 79.4
272 13.6 0.0 32.0



#41
2,4,6-Tribromophenol
Concen: 151.06 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:330 Resp: 732609
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.7 32.1 48.1





#42

2,4,6-Trichlorophenol

Concen: 47.84 ng

RT: 13.33 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

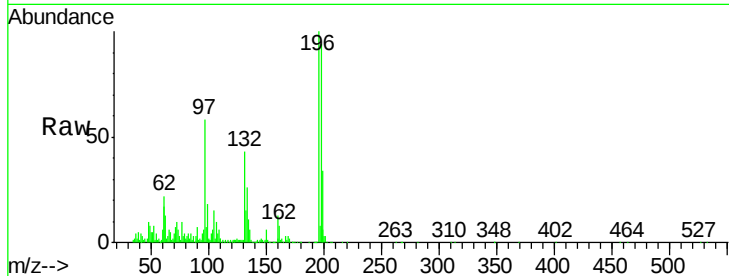
Tot Ion:196 Resp: 314883

Ion Ratio Lower Upper

196 100

198 93.5 81.4 122.2

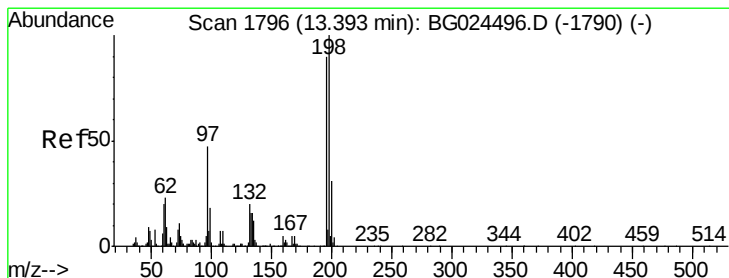
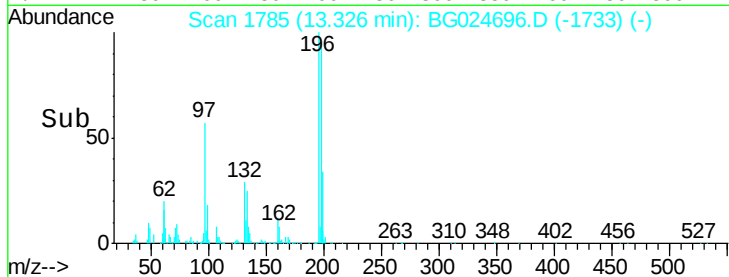
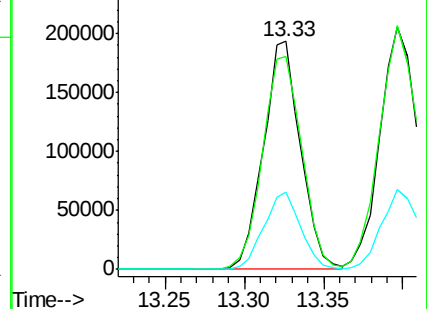
200 33.8 27.0 40.6



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: 48.41 ng

RT: 13.40 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion:196 Resp: 344438

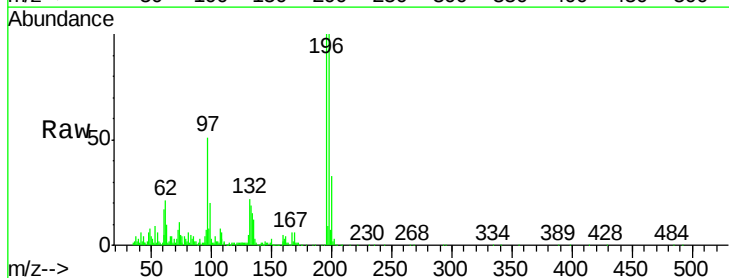
Ion Ratio Lower Upper

196 100

198 100.2 79.9 119.9

97 51.0 45.4 68.0

132 22.5 20.7 31.1

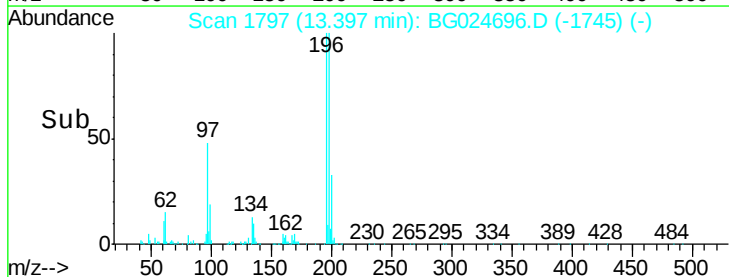
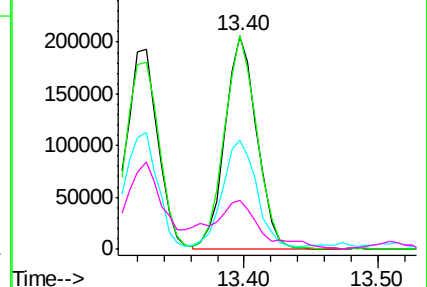


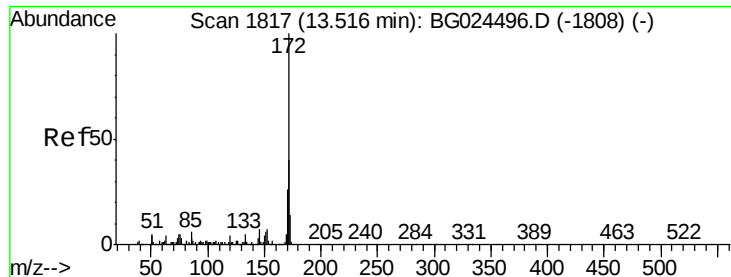
Abundance Ion 196.00 (195.70 to 196.70): E

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



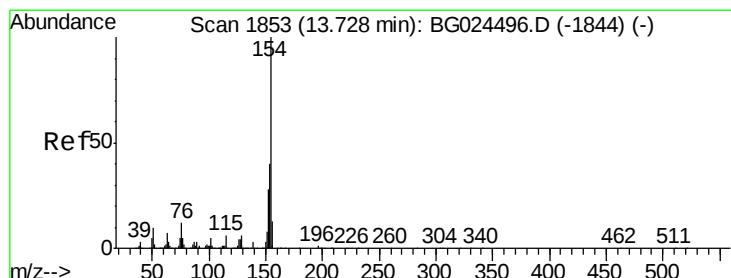
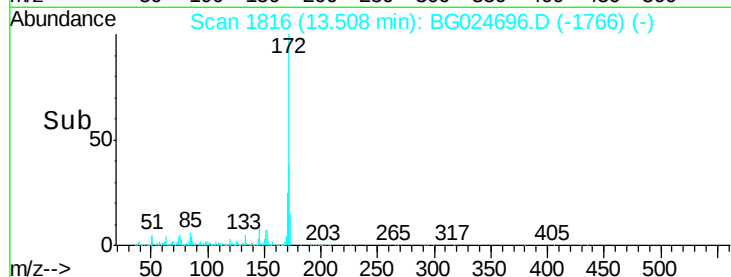
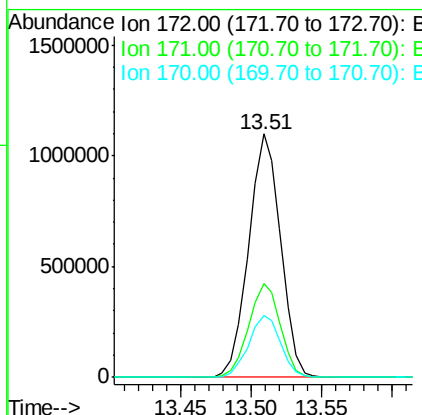
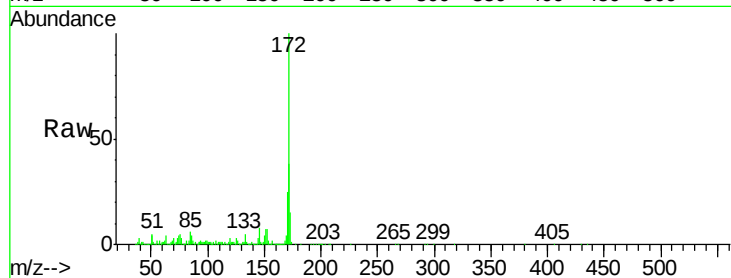


#44
2-Fluorobiphenyl
Concen: 89.10 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Instrument :
BNA_G
ClientSampleId :
S22-0015MS

Tot Ion:172 Resp: 1740267

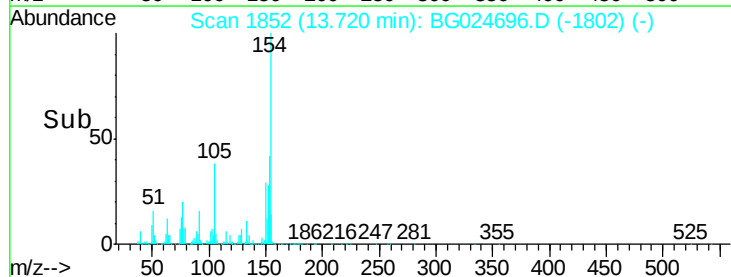
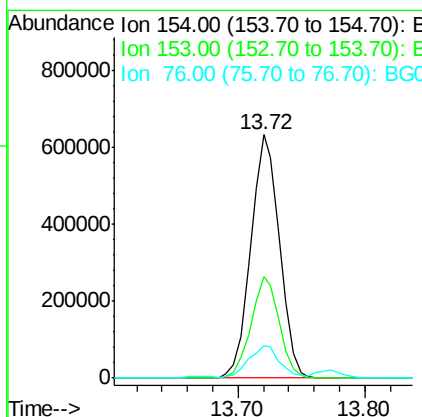
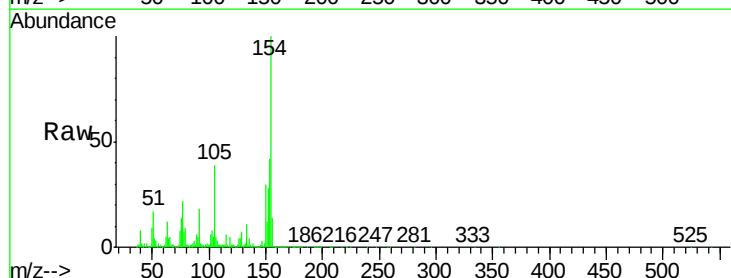
Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	25.5	21.8	32.6

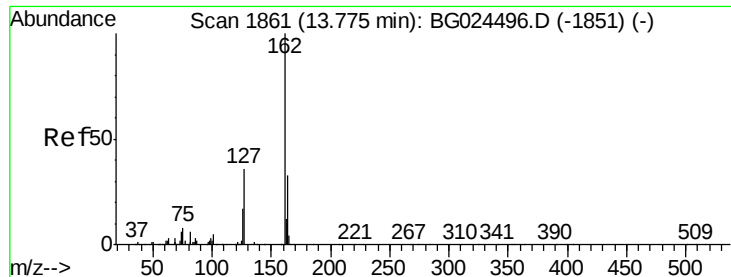


#45
1,1'-Biphenyl
Concen: 44.17 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:154 Resp: 994926

Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.0	63.0
76	13.6	0.0	33.5

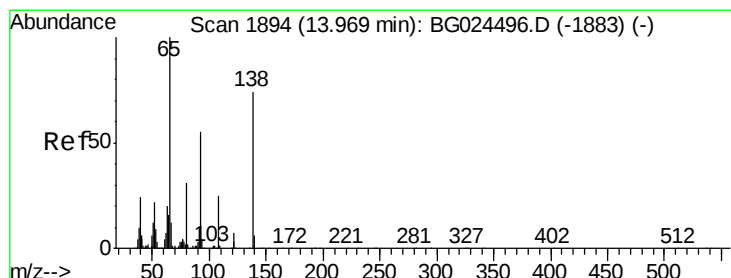
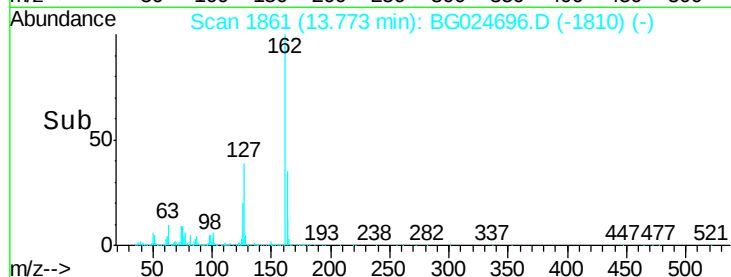
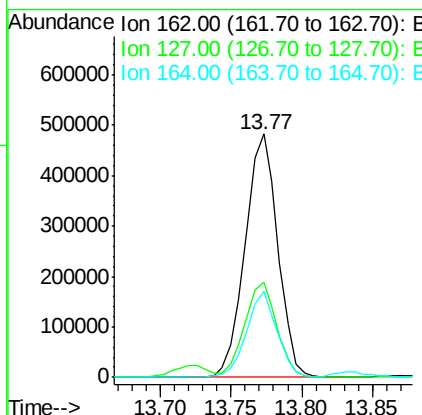
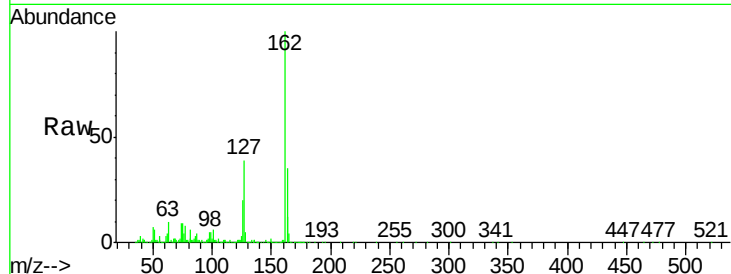




#46
2-Chloronaphthalene
Concen: 45.46 ng
RT: 13.77 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

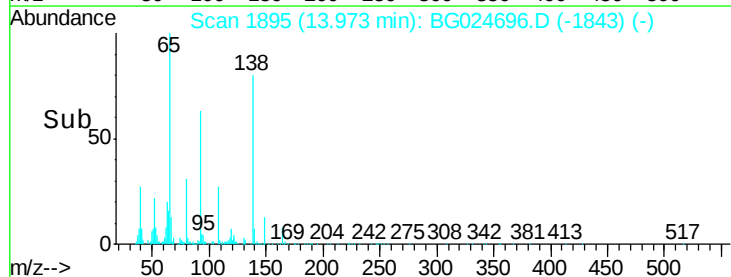
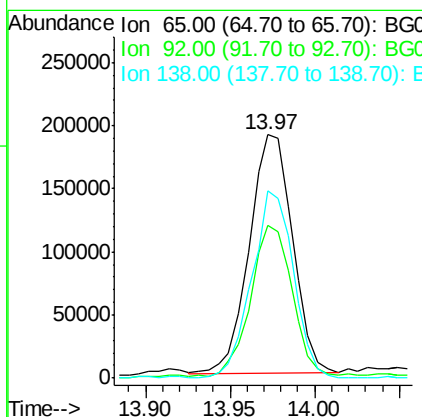
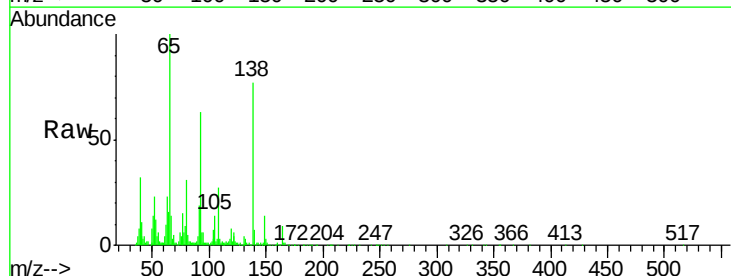
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

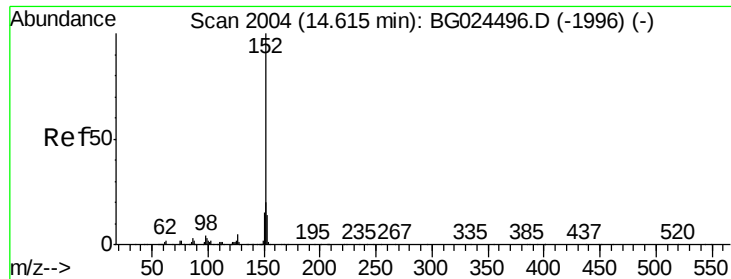
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.4
164	35.4	27.3	40.9



#47
2-Nitroaniline
Concen: 47.77 ng
RT: 13.97 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	49.0	73.4
138	77.0	58.6	87.8





#48

Acenaphthylene

Concen: 44.55 ng

RT: 14.61 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

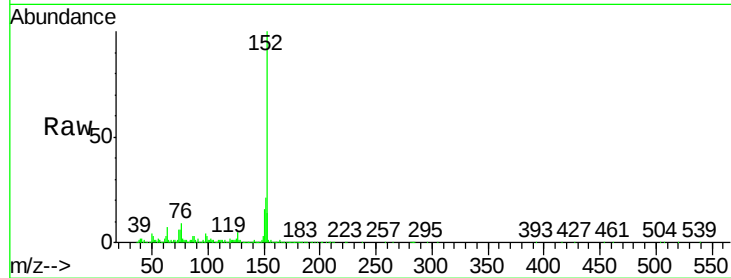
BNA_G

ClientSampleId :

S22-0015MS

Tot Ion:152 Resp: 1171866

Ion	Ratio	Lower	Upper
152	100		
151	21.3	18.2	27.2
153	14.2	11.3	16.9

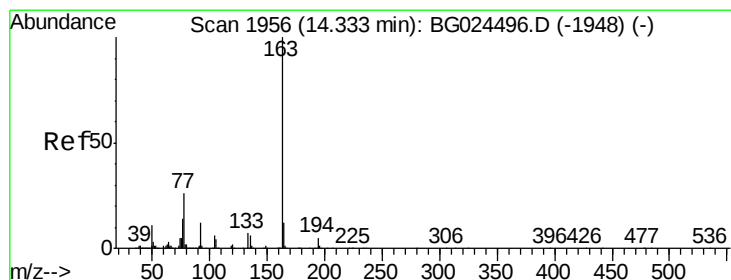
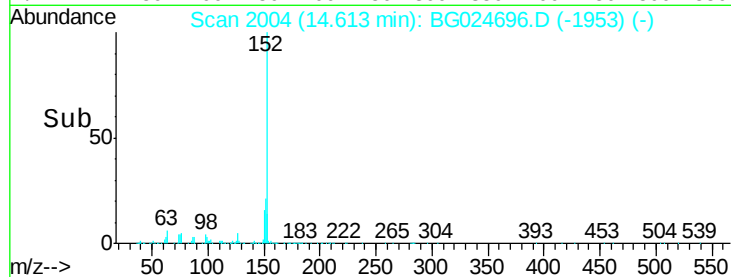
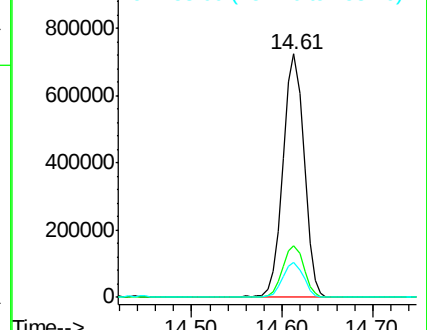


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 51.46 ng

RT: 14.33 min Scan# 1956

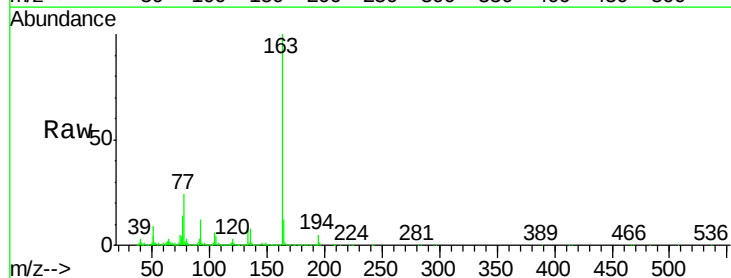
Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion:163 Resp: 1185897

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.6
164	12.1	9.3	13.9

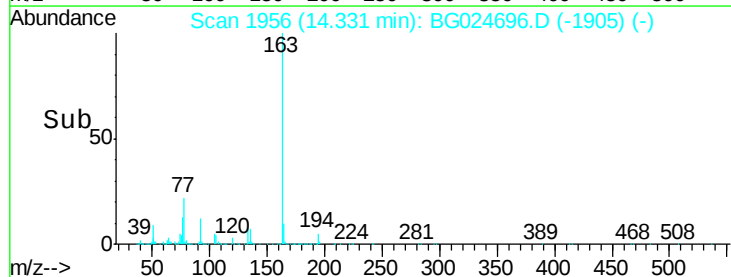
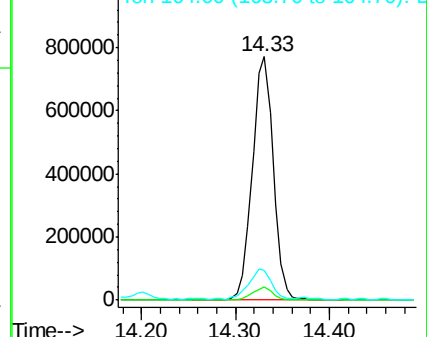


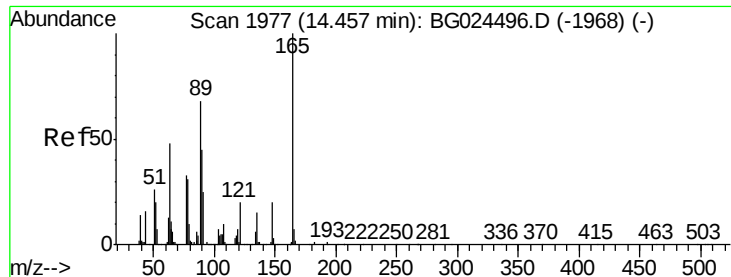
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

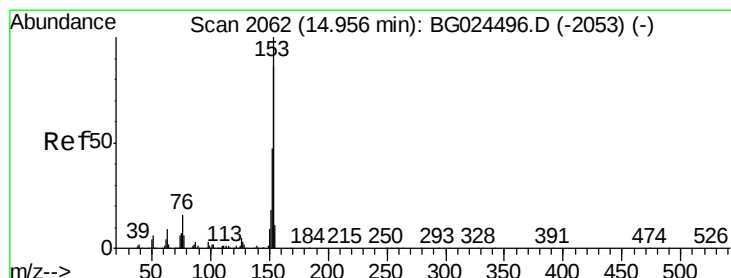
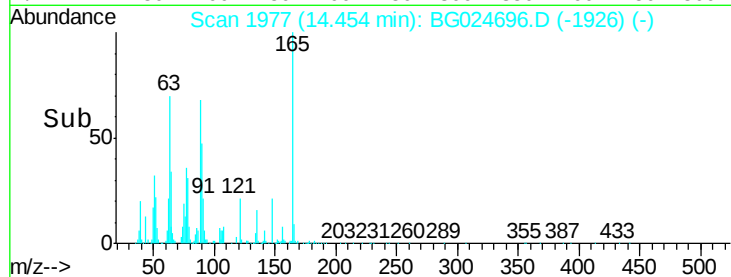
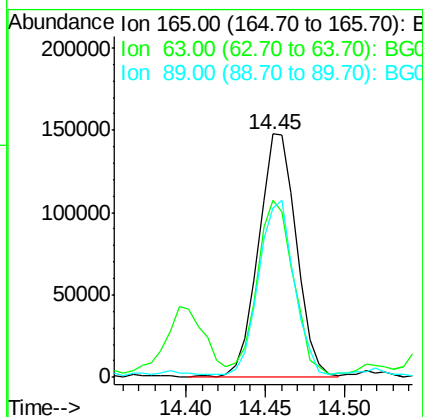
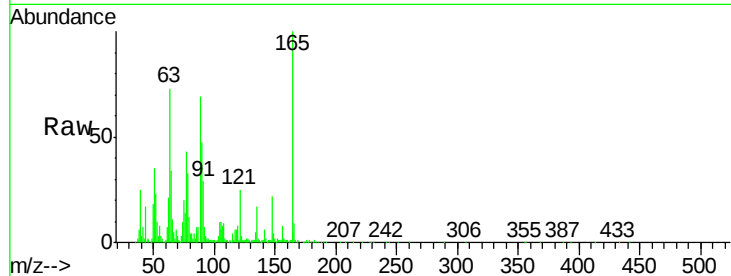




#50
2,6-Dinitrotoluene
Concen: 49.93 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

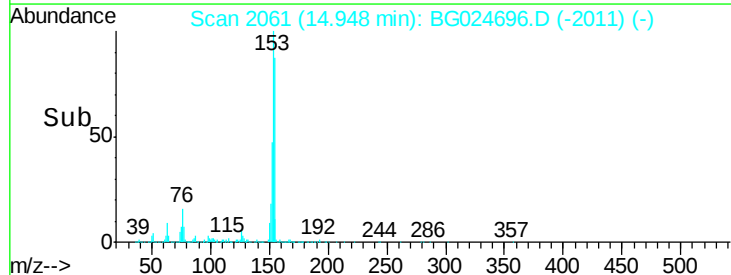
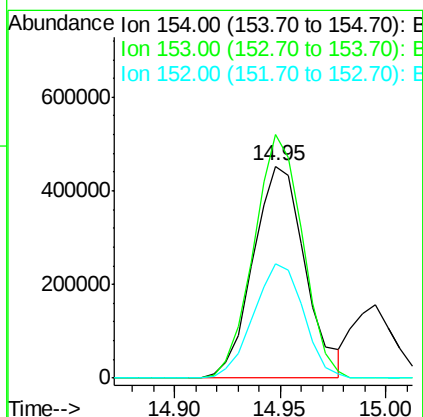
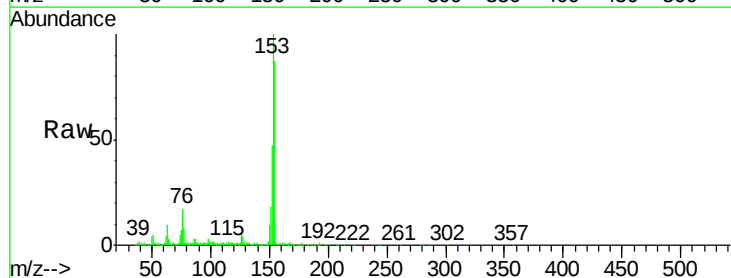
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

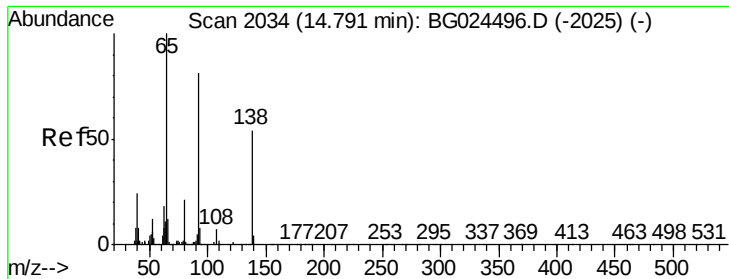
Tot Ion	Ratio	Lower	Upper
165	100		
63	72.6	63.9	95.9
89	69.3	58.6	88.0



#51
Acenaphthene
Concen: 39.49 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	87.8	131.6
152	54.1	42.2	63.4

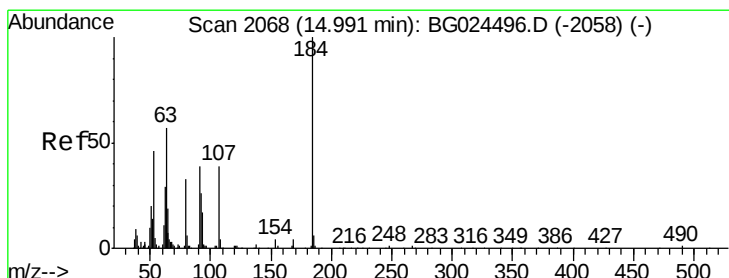
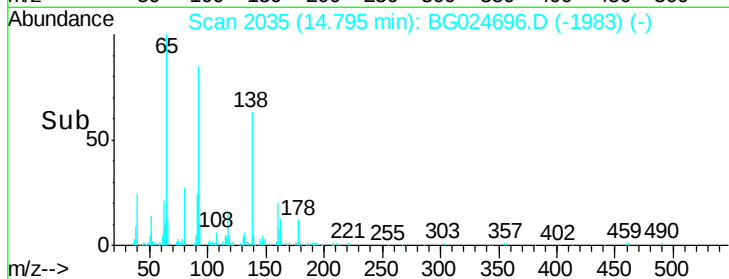
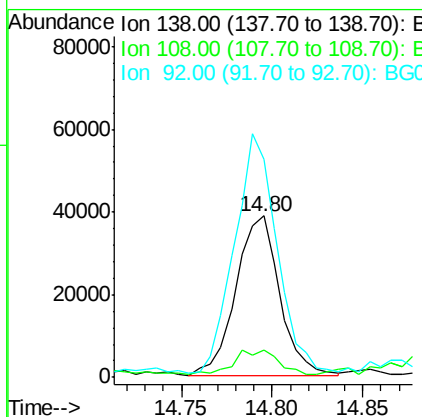
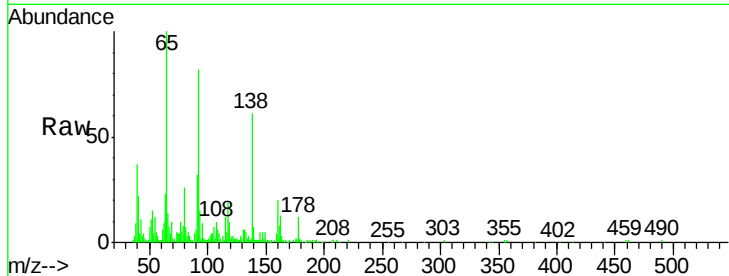




#52
3-Nitroaniline
Concen: 12.87 ng
RT: 14.80 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

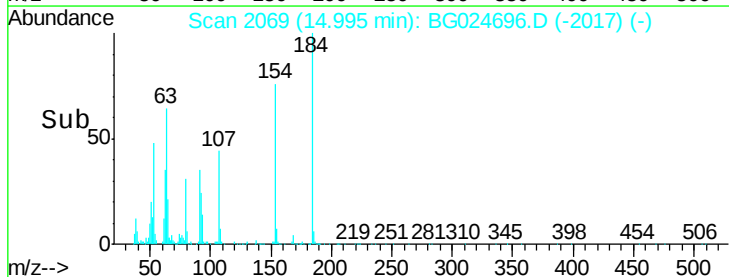
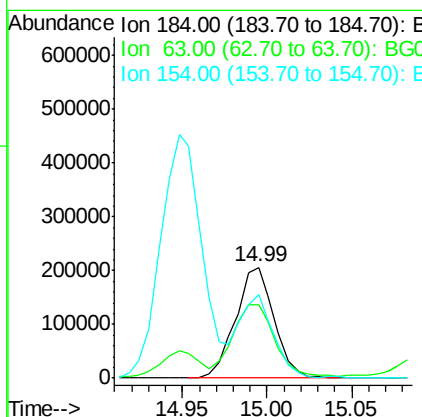
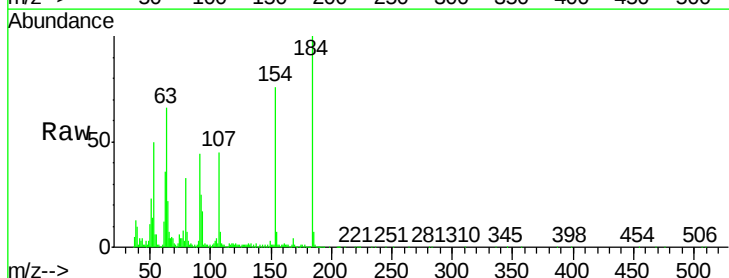
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

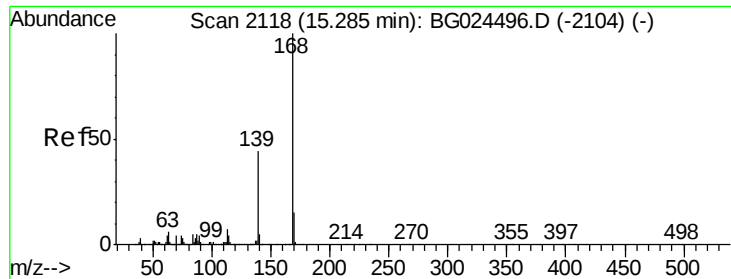
Tot Ion:138 Resp: 65530
Ion Ratio Lower Upper
138 100
108 17.0 10.9 16.3#
92 134.9 115.3 172.9



#53
2,4-Dinitrophenol
Concen: 91.83 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:184 Resp: 327392
Ion Ratio Lower Upper
184 100
63 66.4 52.7 79.1
154 75.8 57.3 85.9





#54

Dibenzenofuran

Concen: 47.28 ng

RT: 15.28 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

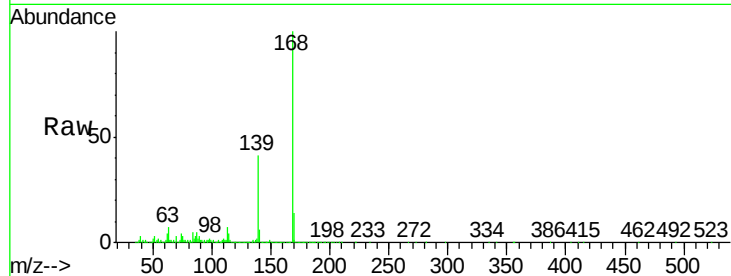
Tot Ion:168 Resp: 1281884

Ion Ratio Lower Upper

168 100

139 41.2 35.3 52.9

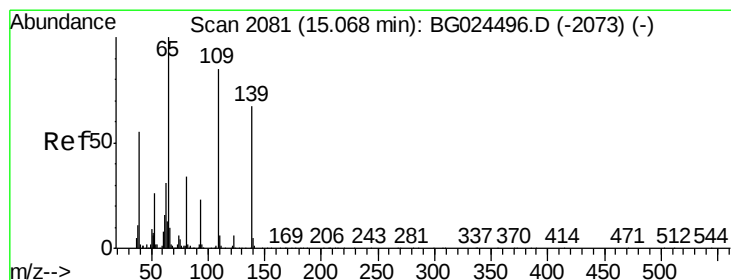
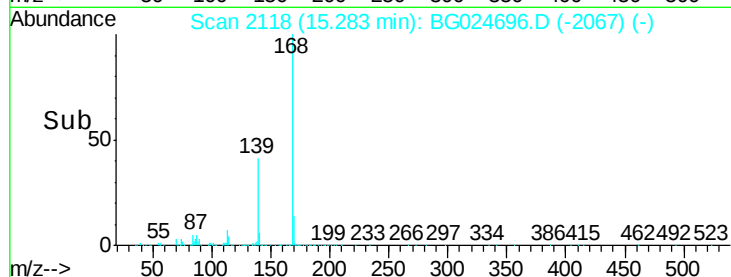
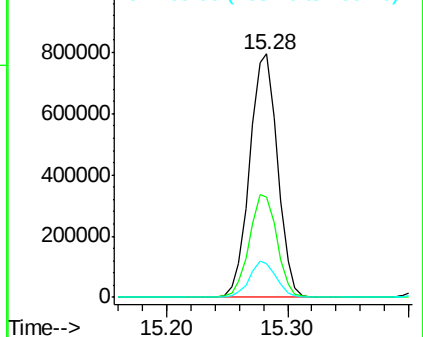
169 13.8 11.5 17.3



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: 32.84 ng

RT: 15.09 min Scan# 2086

Delta R.T. 0.03 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

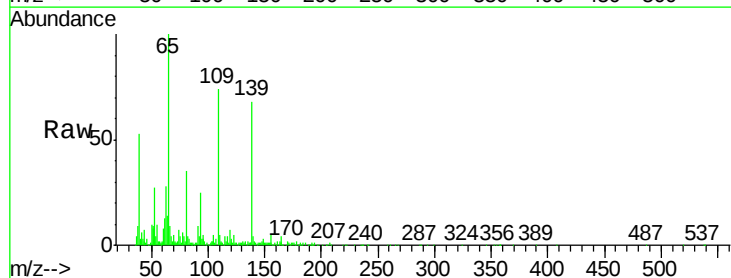
Tgt Ion:139 Resp: 145672

Ion Ratio Lower Upper

139 100

109 108.6 101.2 141.2

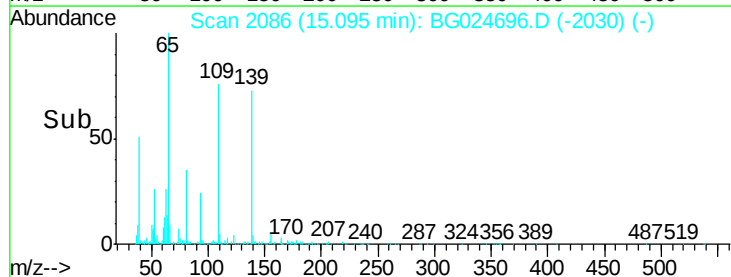
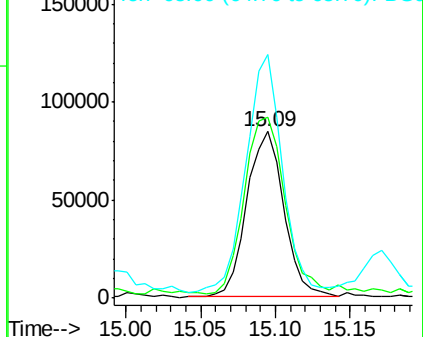
65 146.0 135.3 175.3

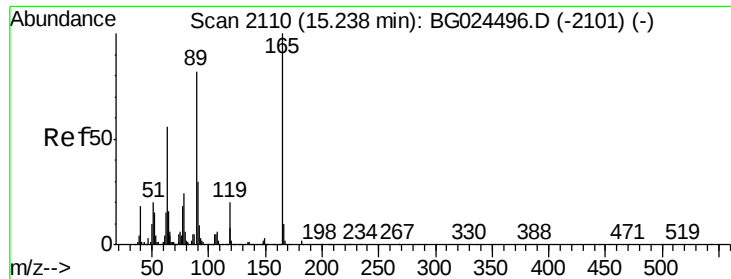


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#56

2,4-Dinitrotoluene

Concen: 51.57 ng

RT: 15.24 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

Tot Ion:165 Resp: 368704

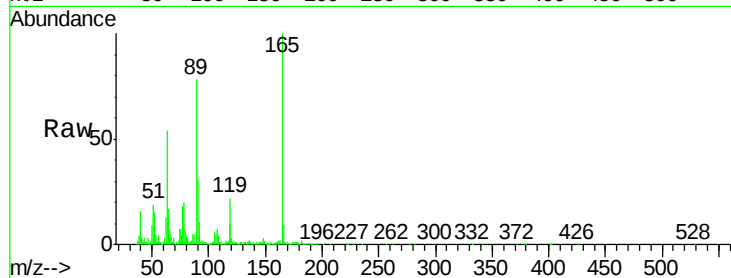
Ion Ratio Lower Upper

165 100

63 53.7 44.0 66.0

89 77.7 67.3 100.9

182 2.4 3.8 5.6#

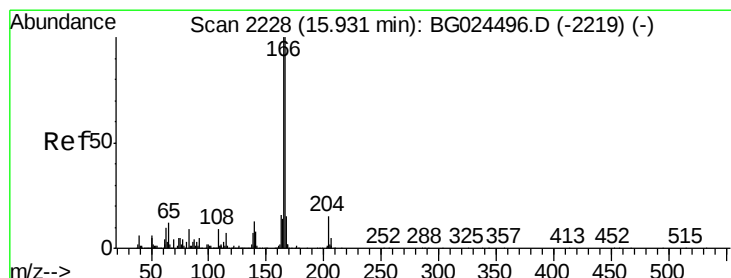
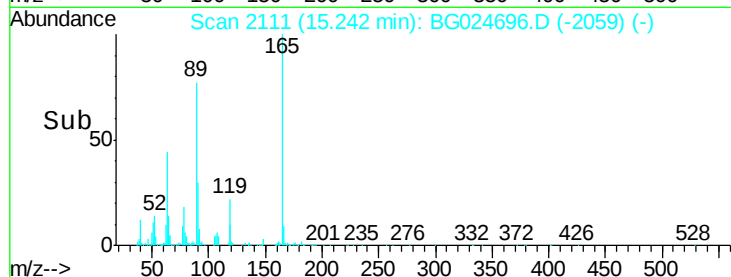
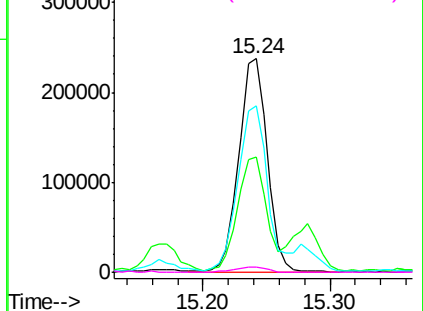


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.59 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

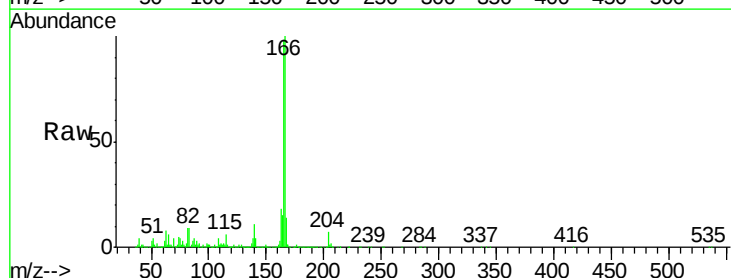
Tgt Ion:166 Resp: 1047465

Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

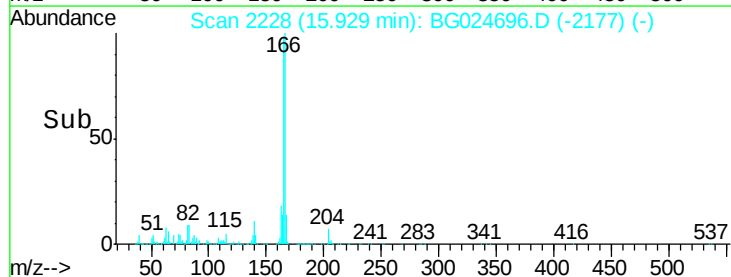
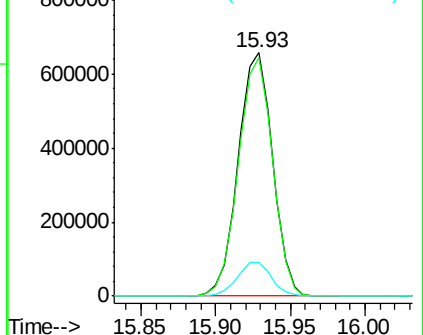
167 13.9 11.6 17.4

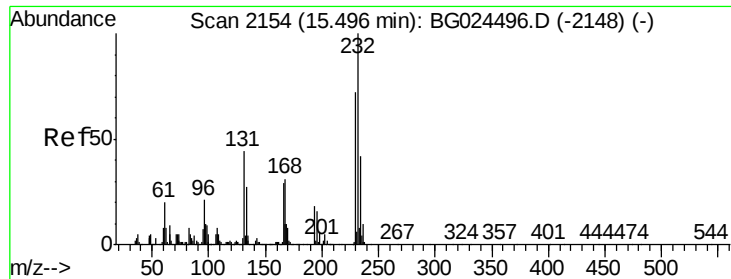


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

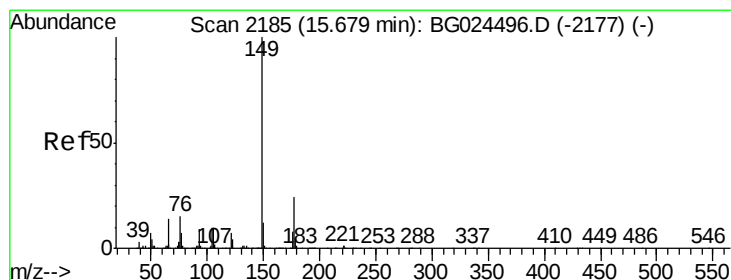
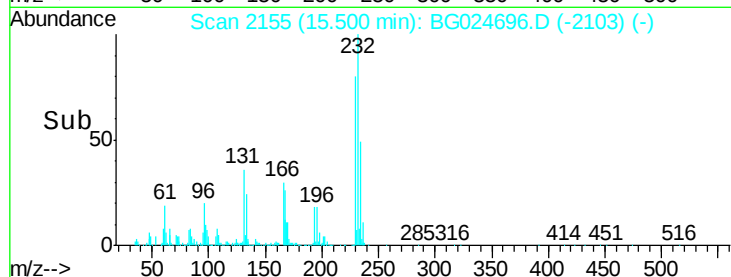
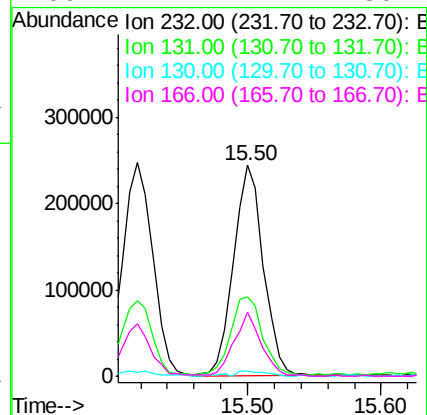
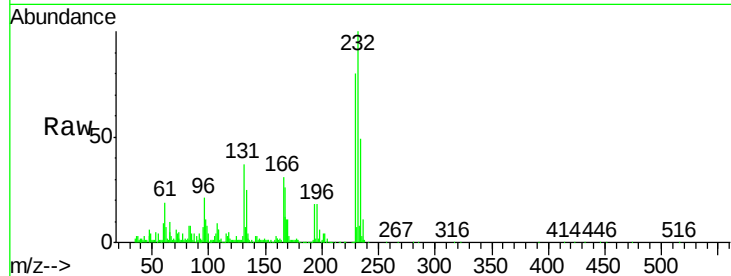




#58
2,3,4,6-Tetrachlorophenol
Concen: 51.74 ng
RT: 15.50 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

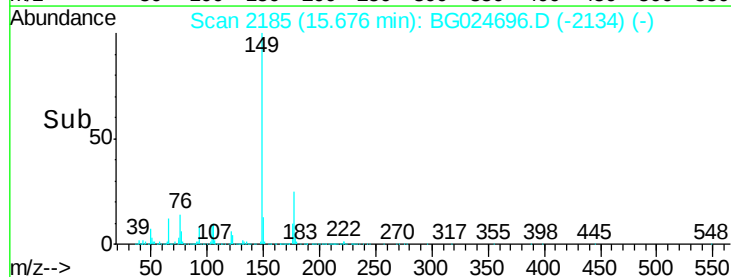
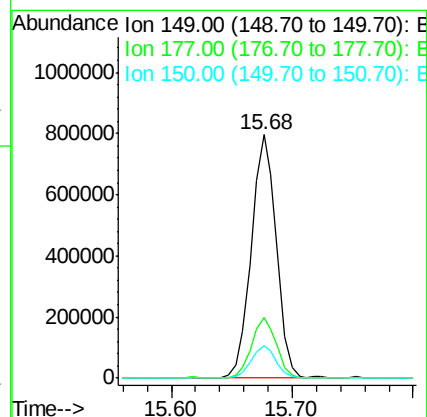
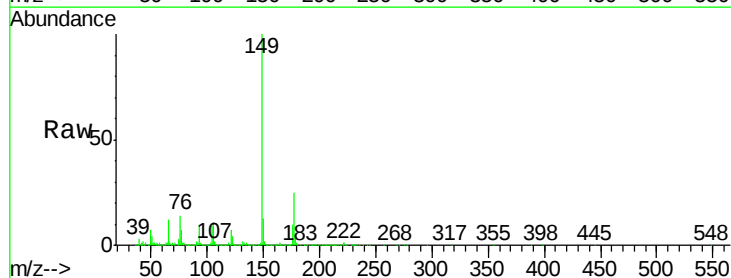
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

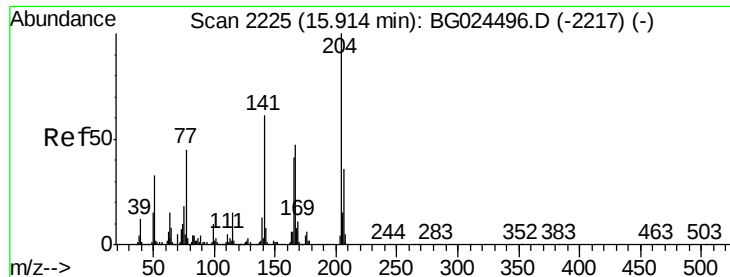
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	34.9	52.3
130	2.9	2.3	3.5
166	27.2	24.2	36.4



#59
Diethylphthalate
Concen: 47.46 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.1	30.1
150	13.2	10.2	15.2

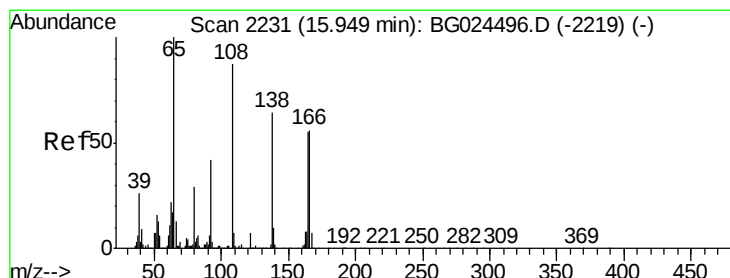
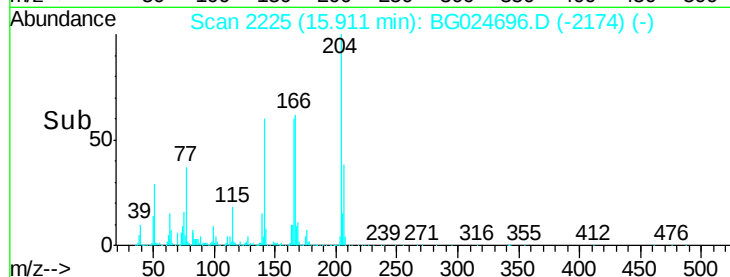
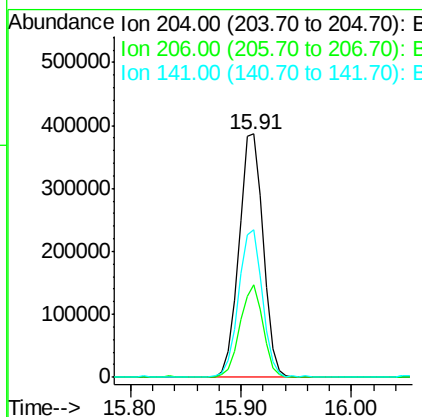
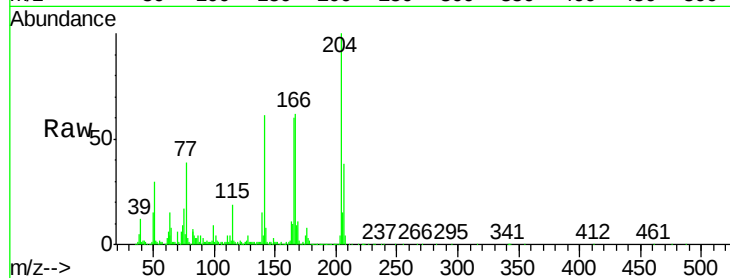




#60
4-Chlorophenyl-phenylether
Concen: 47.07 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

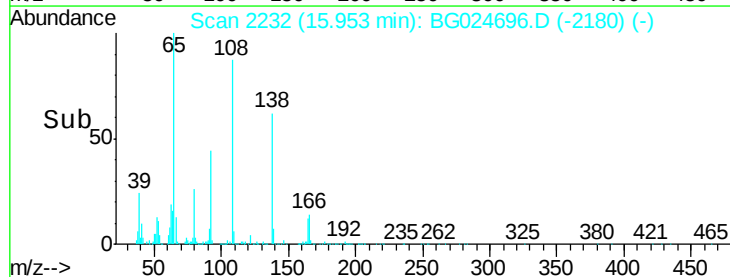
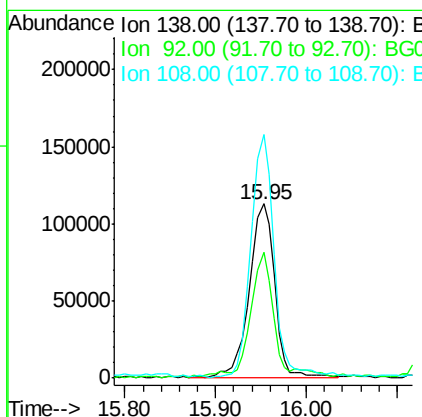
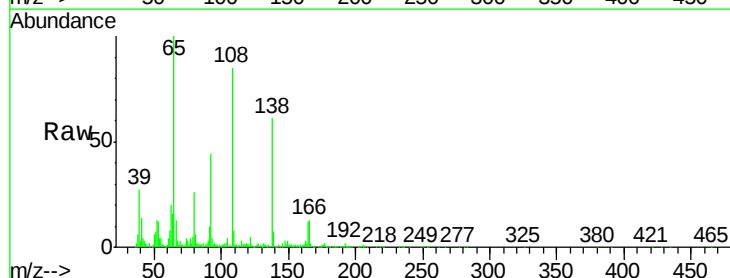
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

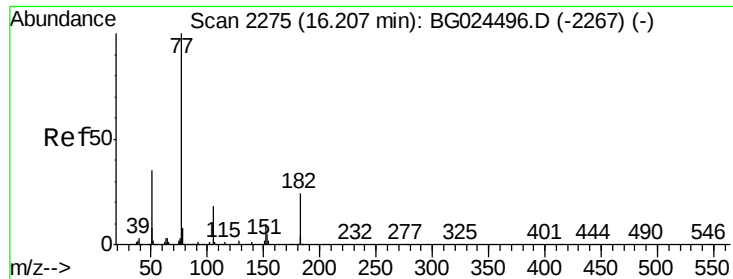
Tot Ion	Ratio	Lower	Upper
204	100		
206	38.0	30.1	45.1
141	60.8	50.6	76.0



#61
4-Nitroaniline
Concen: 39.44 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	72.3	44.2	84.2
108	139.7	104.8	144.8

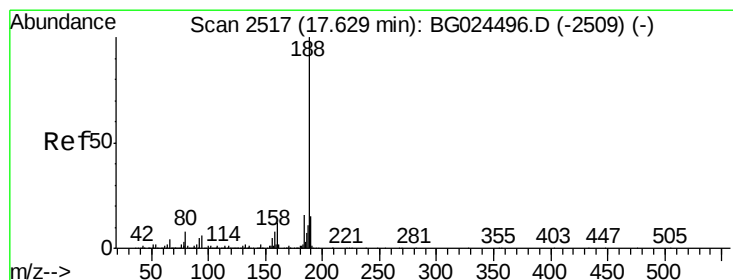
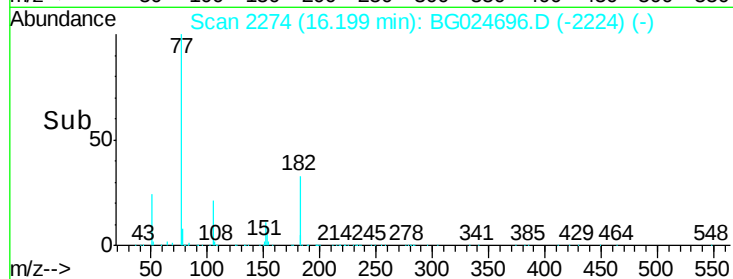
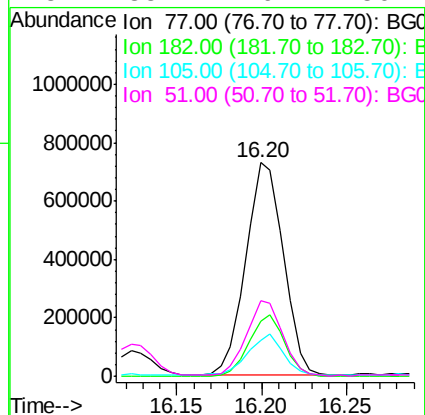
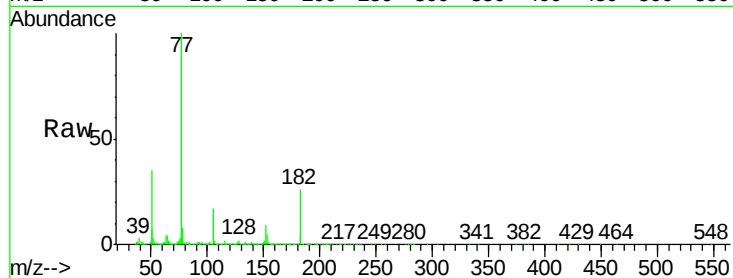




#62
Azobenzene
Concen: 46.81 ng
RT: 16.20 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

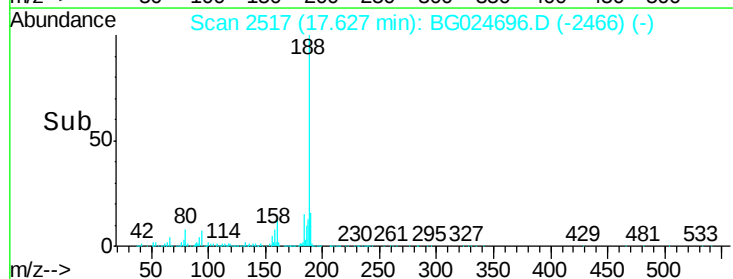
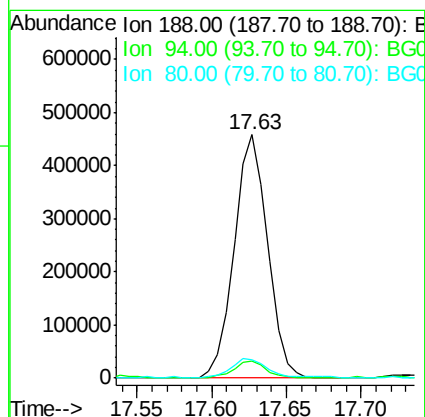
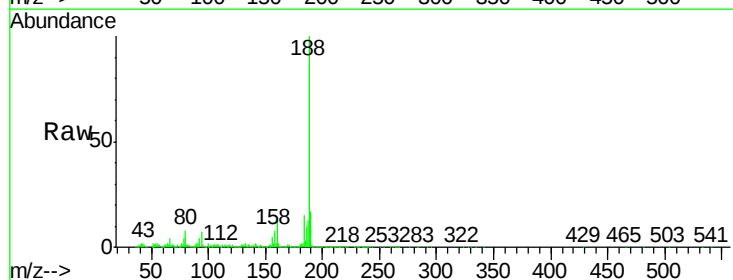
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

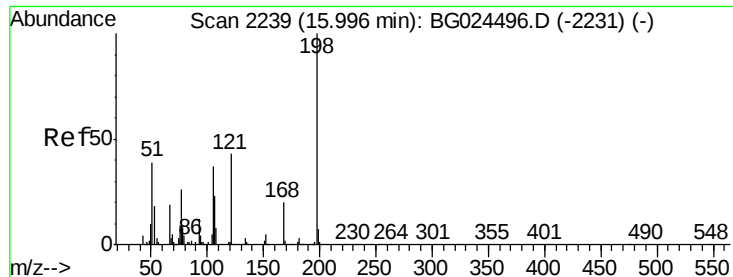
Tot Ion: 77 Resp: 1128107
Ion Ratio Lower Upper
77 100
182 26.0 4.7 44.7
105 16.8 0.0 36.3
51 35.1 16.4 56.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion: 188 Resp: 713176
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.8
80 7.7 7.5 11.3

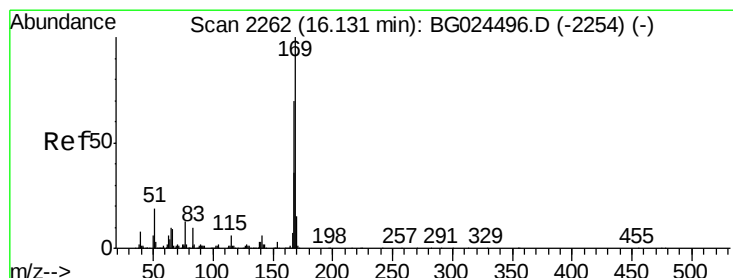
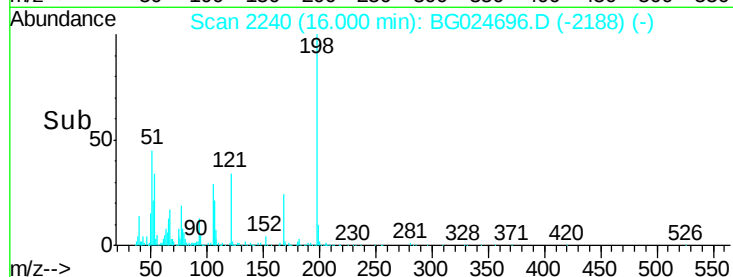
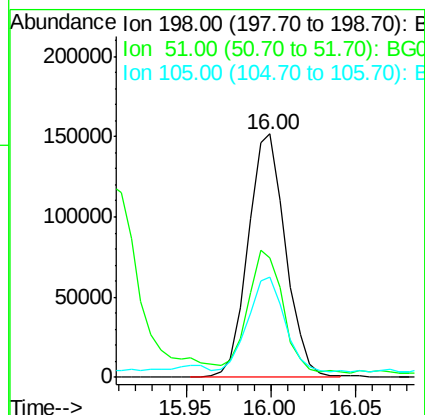
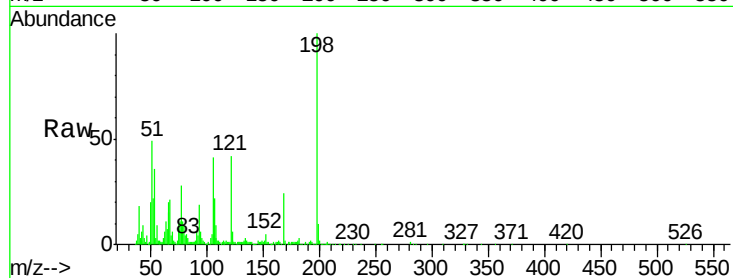




#64
4,6-Dinitro-2-methylphenol
Concen: 47.56 ng
RT: 16.00 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

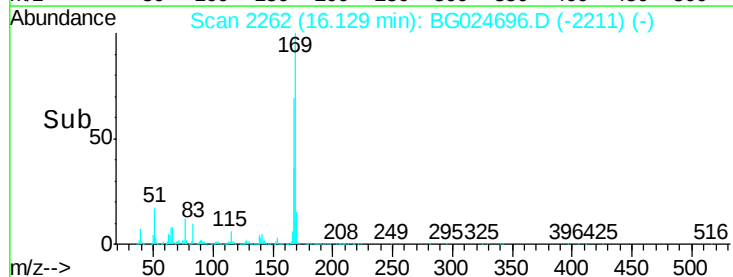
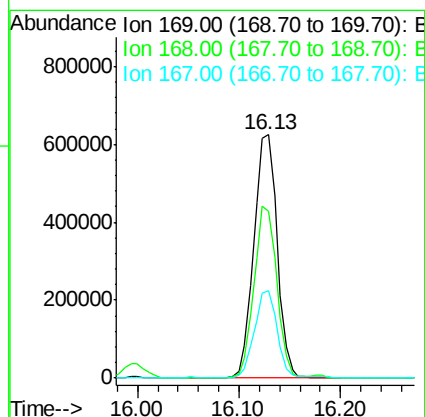
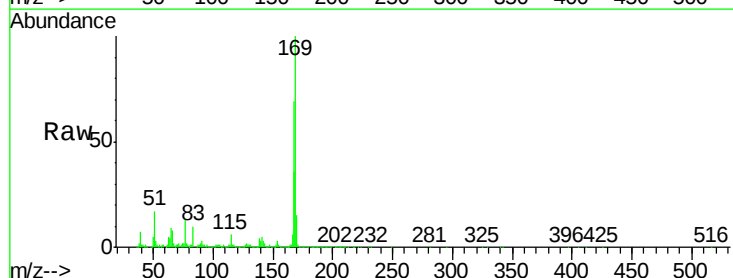
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

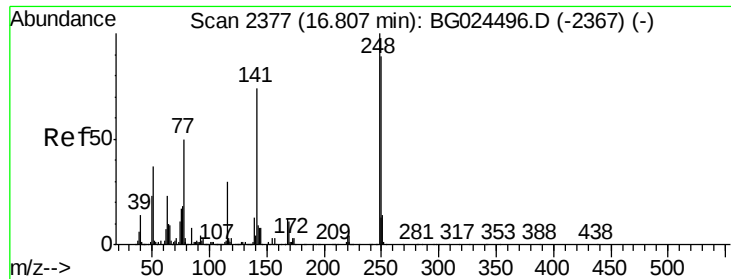
Tot Ion:198 Resp: 233708
Ion Ratio Lower Upper
198 100
51 48.9 22.6 62.6
105 41.3 14.4 54.4



#65
n-Nitrosodiphenylamine
Concen: 50.98 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:169 Resp: 993979
Ion Ratio Lower Upper
169 100
168 68.7 55.7 83.5
167 35.9 29.8 44.6

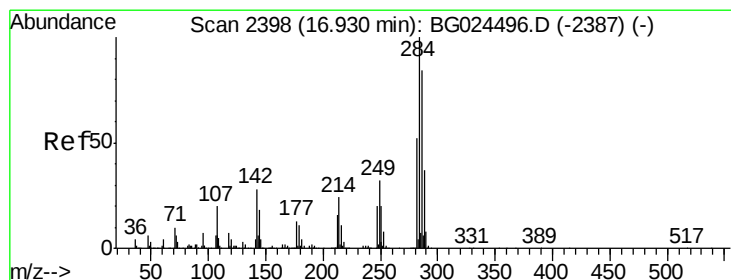
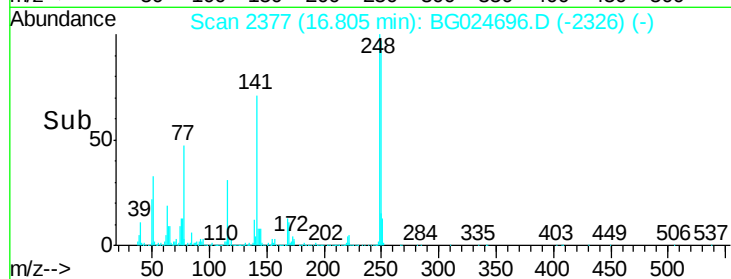
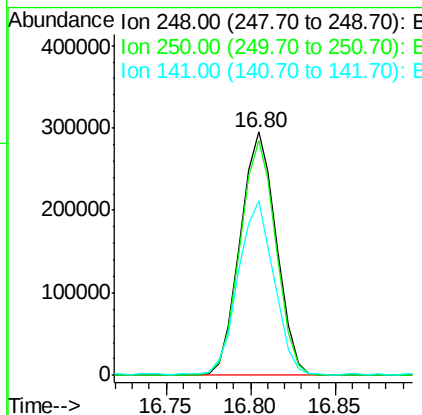
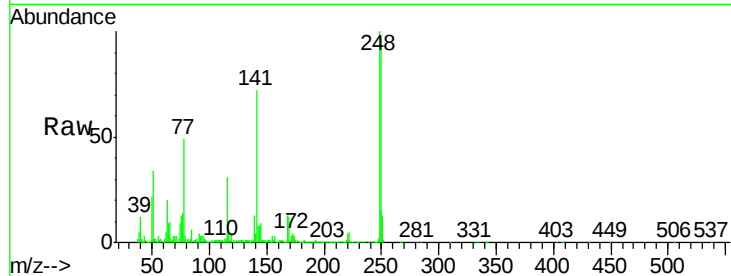




#66
4-Bromophenyl-phenylether
Concen: 50.74 ng
RT: 16.80 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

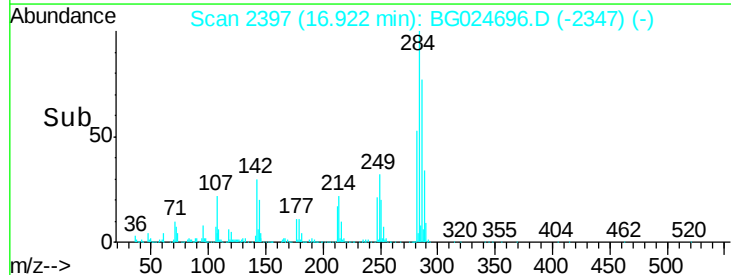
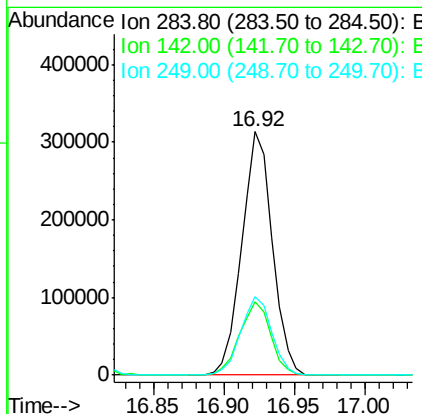
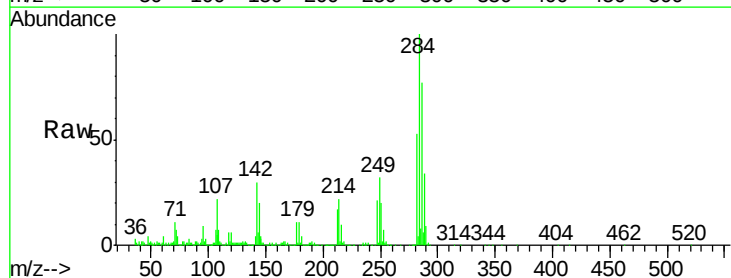
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

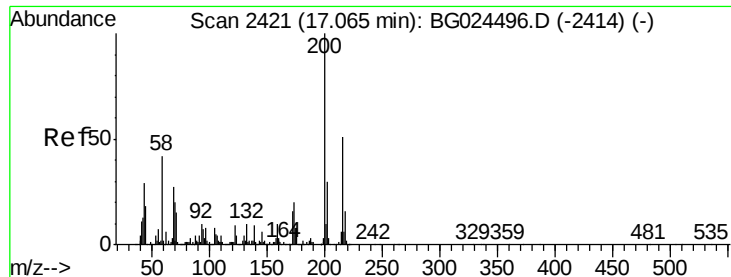
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	75.0	112.6
141	71.9	55.2	82.8



#67
Hexachlorobenzene
Concen: 49.50 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	29.9	44.9
249	32.0	29.2	43.8

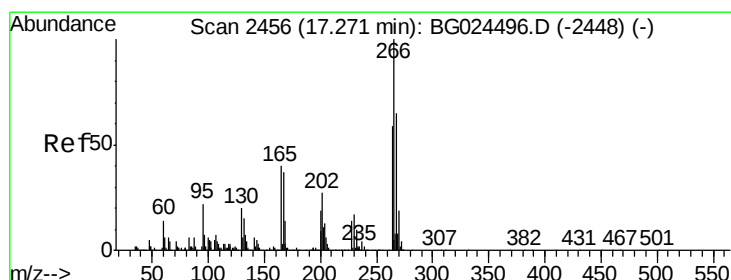
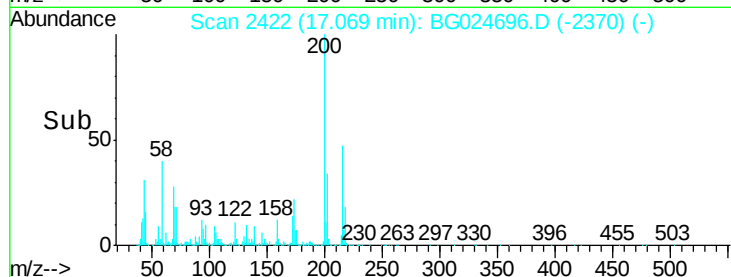
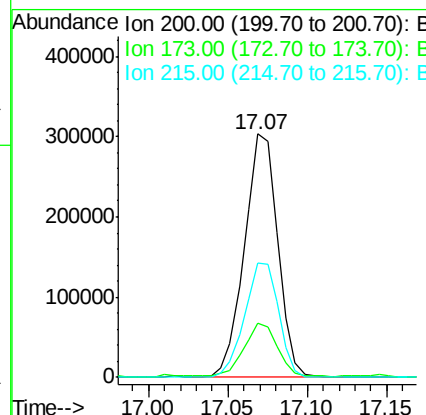
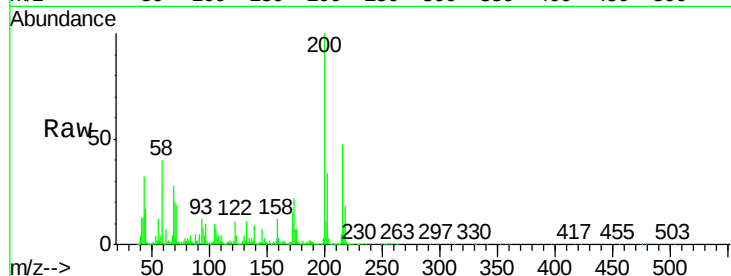




#68
 Atrazine
 Concen: 52.89 ng
 RT: 17.07 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BG024696.D
 Acq: 5 Nov 2016 4:22

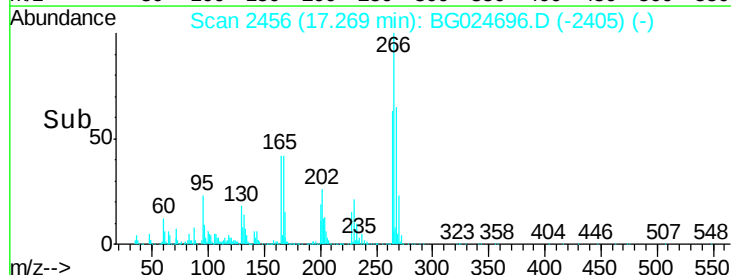
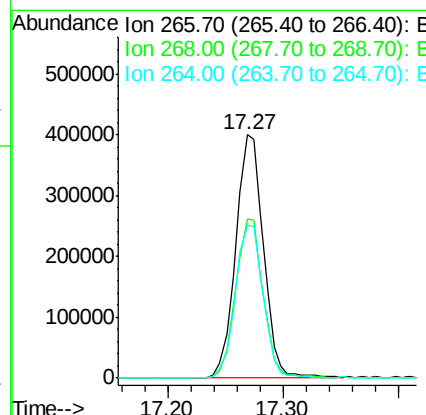
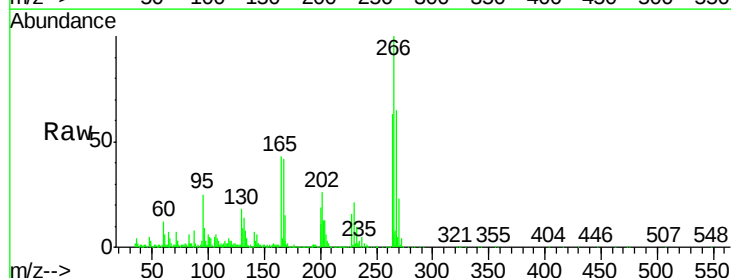
Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MS

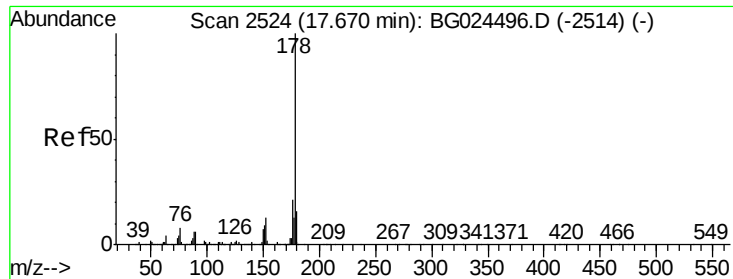
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.4	3.0	43.0
215	46.8	28.4	68.4



#69
 Pentachlorophenol
 Concen: 105.32 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024696.D
 Acq: 5 Nov 2016 4:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	48.6	72.8
264	63.0	50.1	75.1





#70

Phenanthrene

Concen: 49.75 ng

RT: 17.67 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

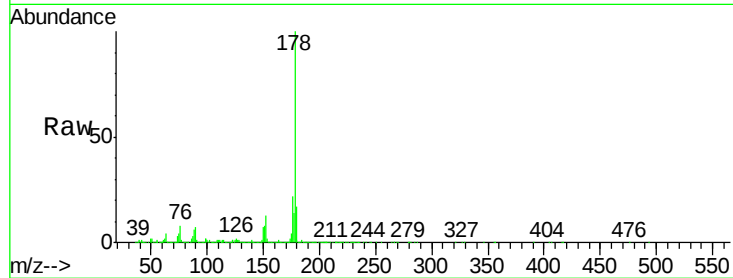
BNA_G

ClientSampleId :

S22-0015MS

Tot Ion:178 Resp: 1808540

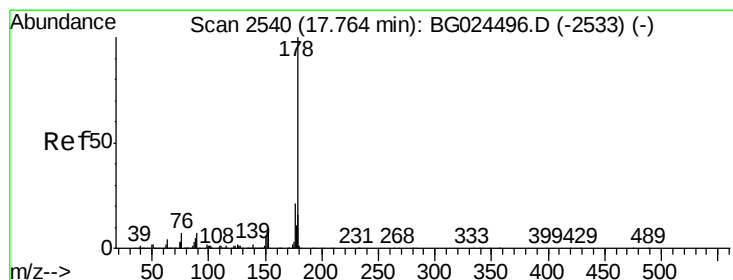
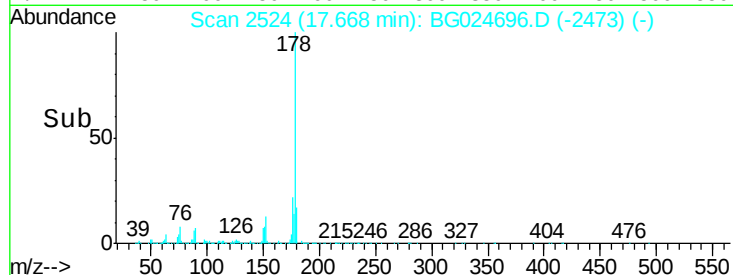
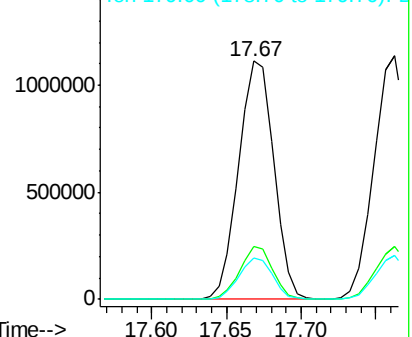
Ion	Ratio	Lower	Upper
178	100		
176	22.4	17.7	26.5
179	17.4	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 50.43 ng

RT: 17.76 min Scan# 2540

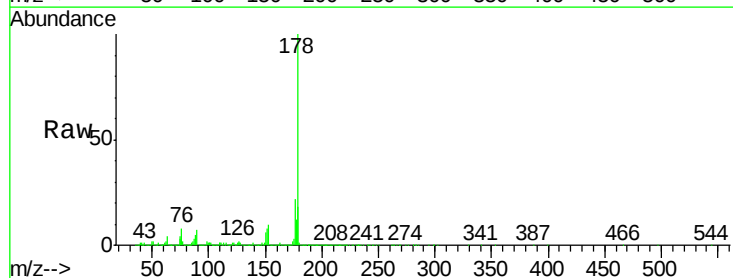
Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion:178 Resp: 1849421

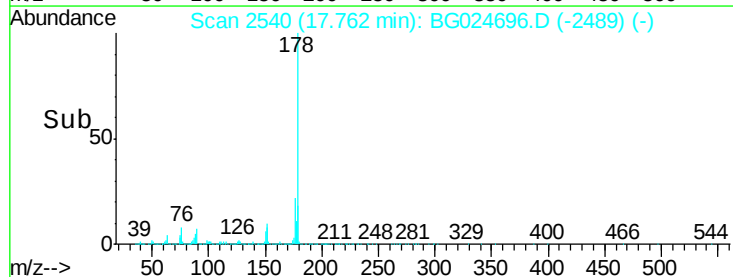
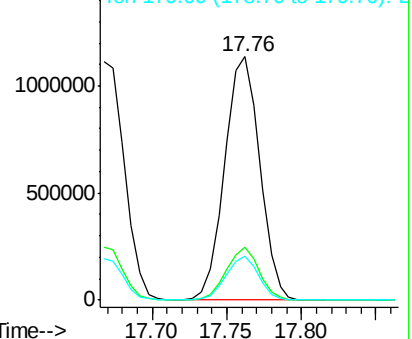
Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.4	24.6
179	18.2	13.8	20.8

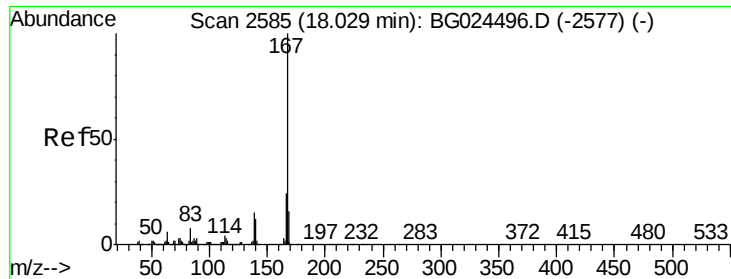


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 48.82 ng

RT: 18.03 min Scan# 2586

Delta R.T. 0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

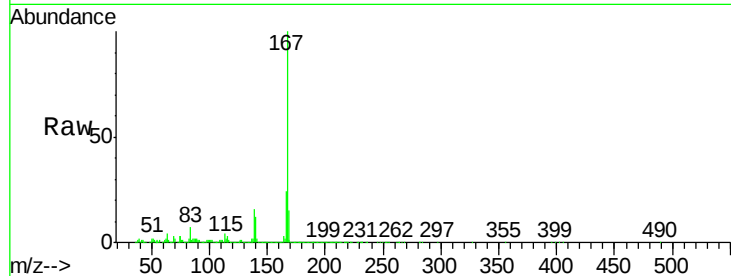
BNA_G

ClientSampleId :

S22-0015MS

Tot Ion:167 Resp: 1632929

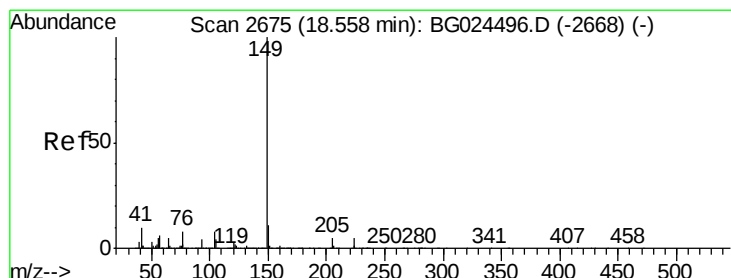
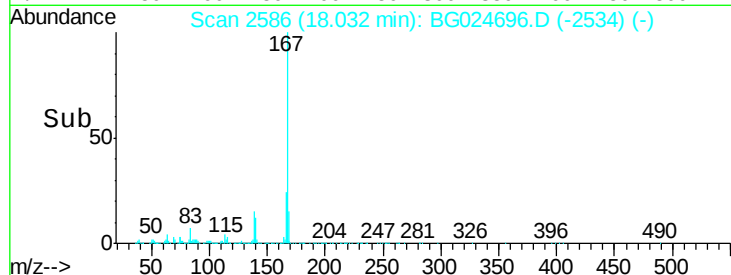
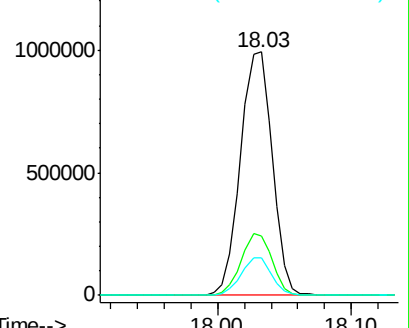
Ion	Ratio	Lower	Upper
167	100		
166	24.2	20.2	30.2
139	15.7	12.8	19.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.52 ng

RT: 18.56 min Scan# 2675

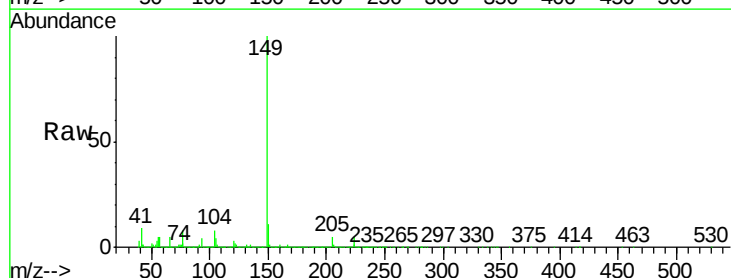
Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion:149 Resp: 1909782

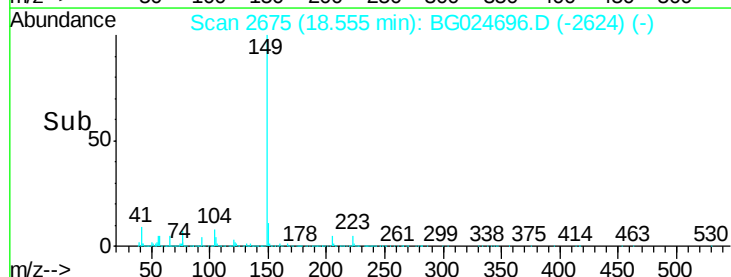
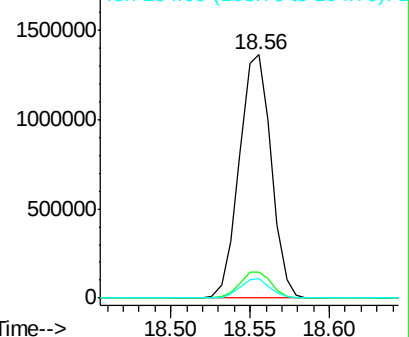
Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.1	13.7
104	8.2	6.7	10.1

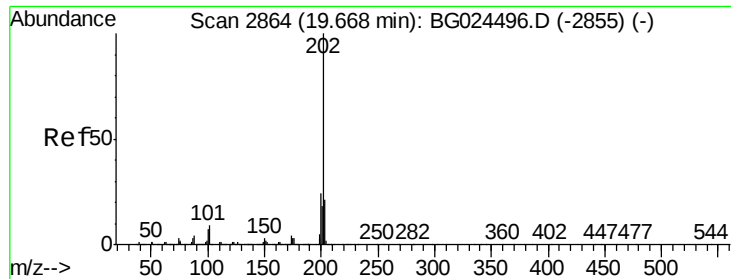


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 49.24 ng

RT: 19.66 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

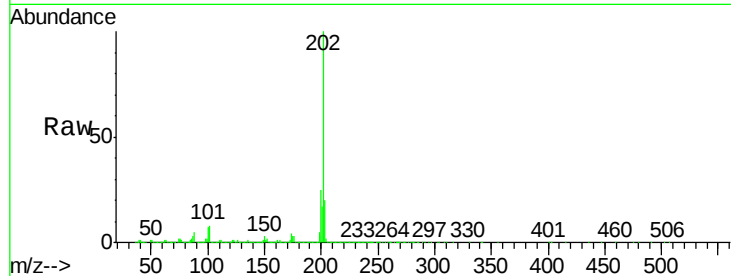
Tot Ion:202 Resp: 2262668

Ion Ratio Lower Upper

202 100

101 7.7 0.0 30.1

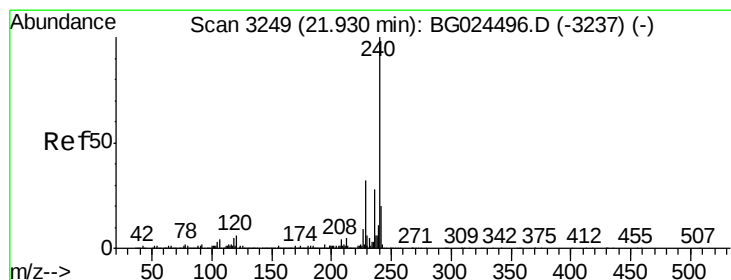
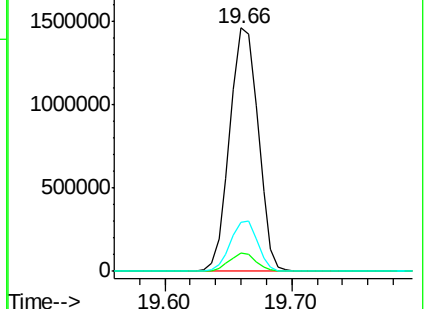
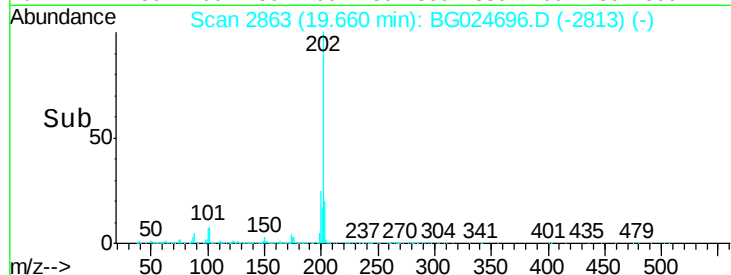
203 20.3 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

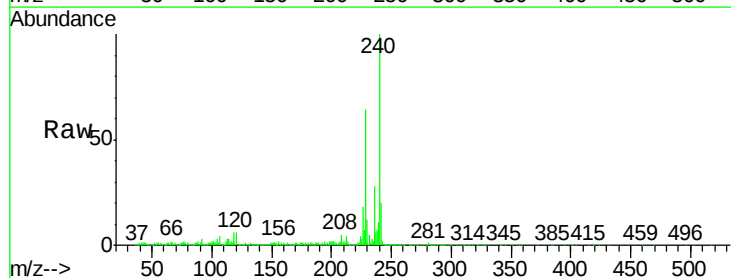
Tgt Ion:240 Resp: 953910

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

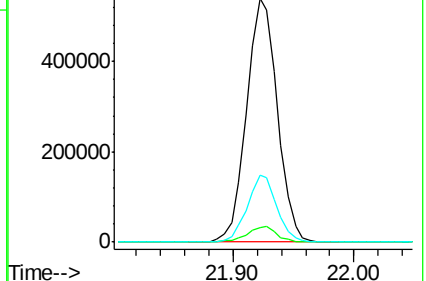
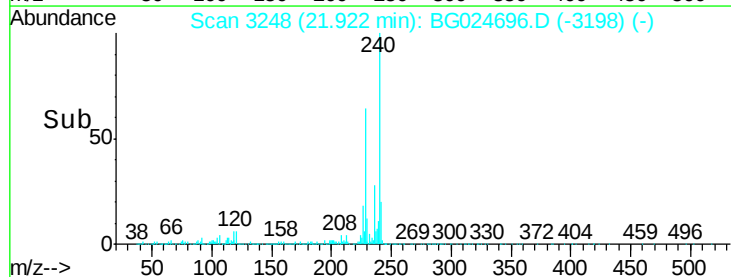
236 27.6 22.2 33.4

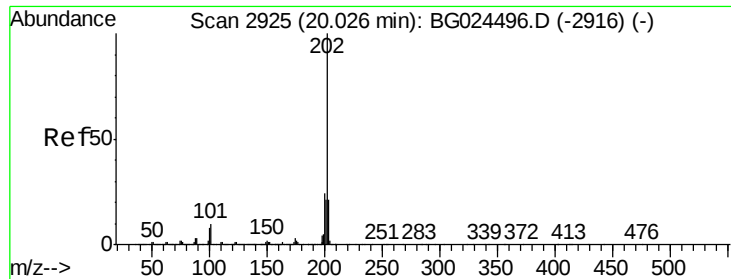


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 49.06 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

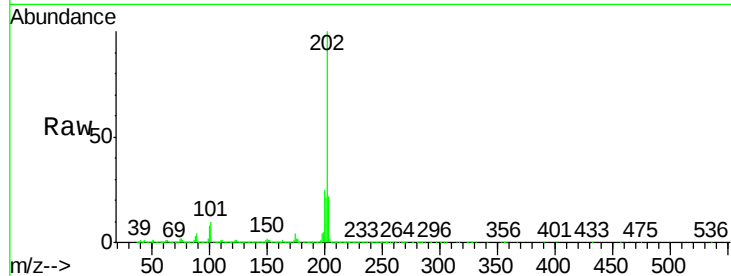
BNA_G

ClientSampleId :

S22-0015MS

Tot Ion:202 Resp: 2287832

Ion	Ratio	Lower	Upper
202	100		
200	24.6	19.6	29.4
203	21.5	15.8	23.8

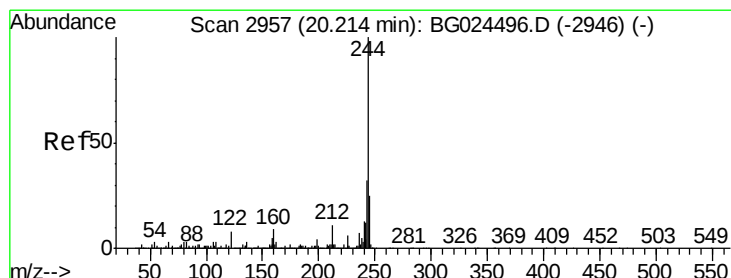
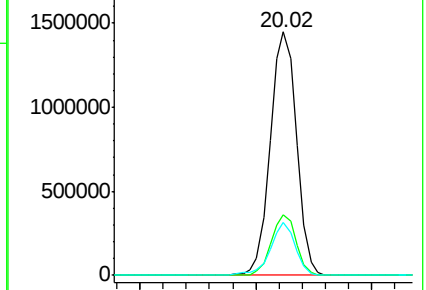
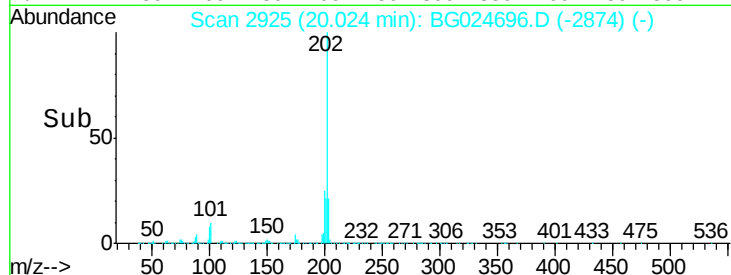


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.81 ng

RT: 20.21 min Scan# 2956

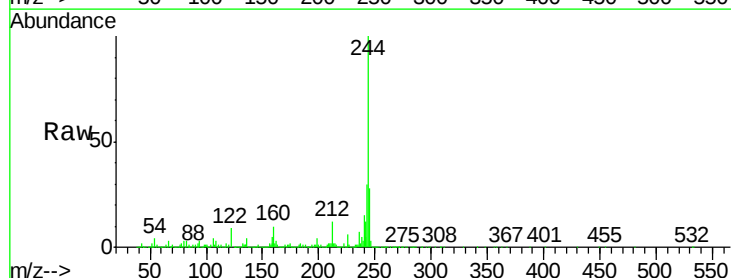
Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion:244 Resp: 2994836

Ion	Ratio	Lower	Upper
244	100		
212	11.6	10.0	15.0
122	8.9	8.6	12.8

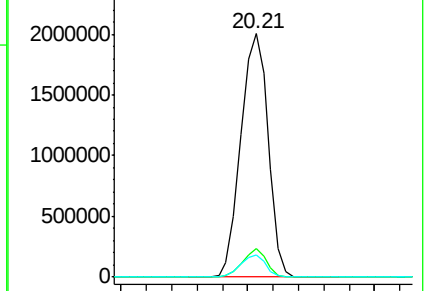
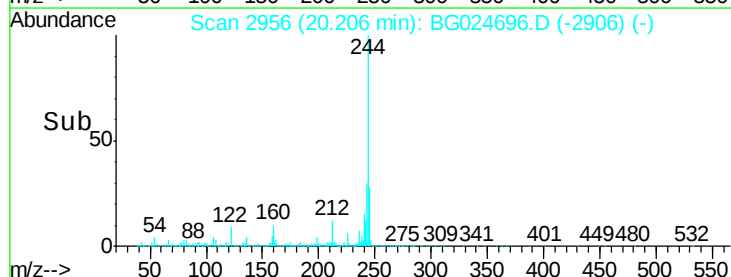


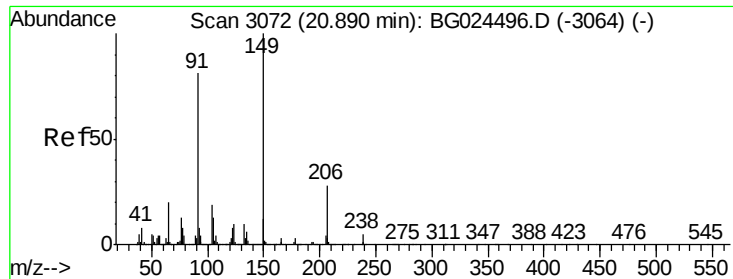
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

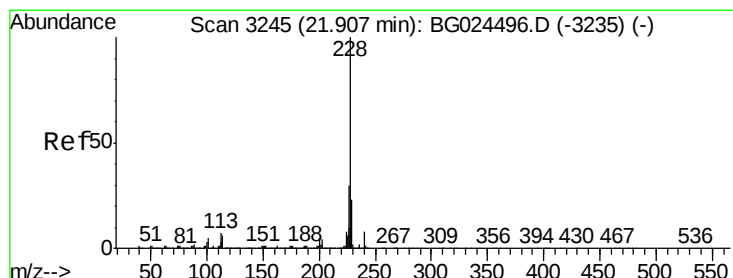
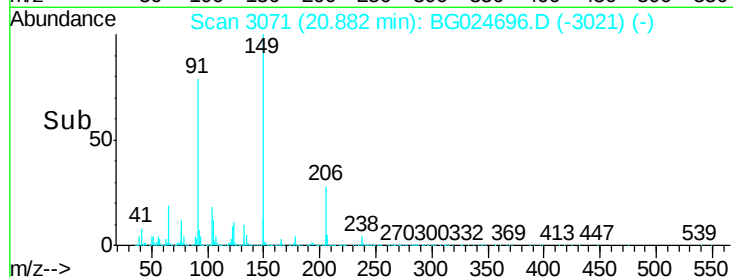
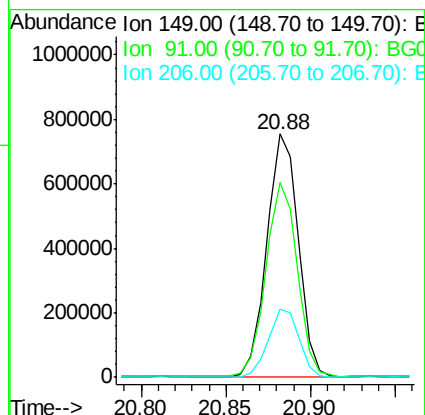
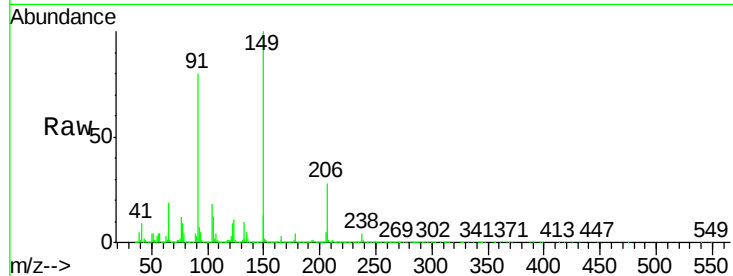




#79
Butylbenzylphthalate
Concen: 50.21 ng
RT: 20.88 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

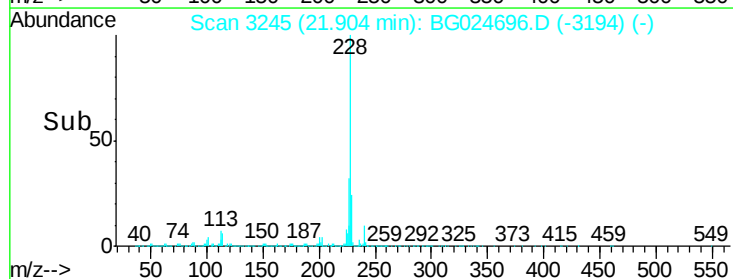
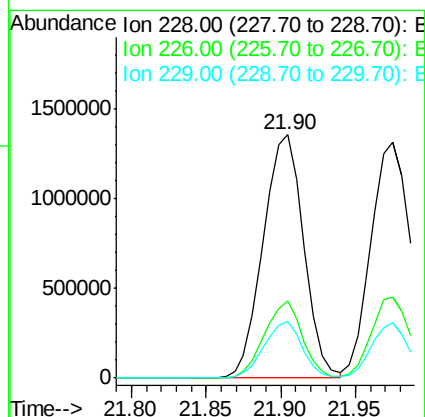
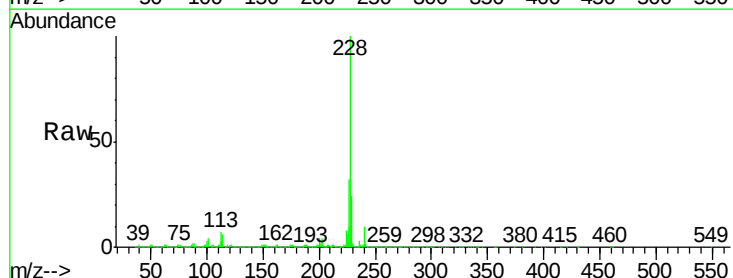
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

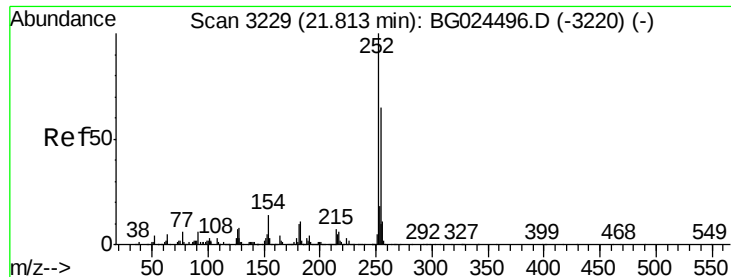
Tot Ion:149 Resp: 976046
Ion Ratio Lower Upper
149 100
91 79.9 63.5 95.3
206 27.9 21.0 31.6



#80
Benzo(a)anthracene
Concen: 48.63 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:228 Resp: 2548188
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 23.6 18.2 27.2

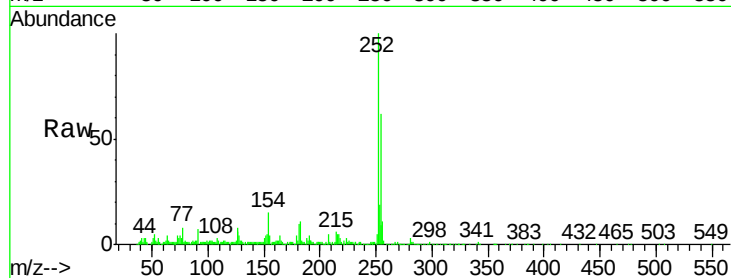




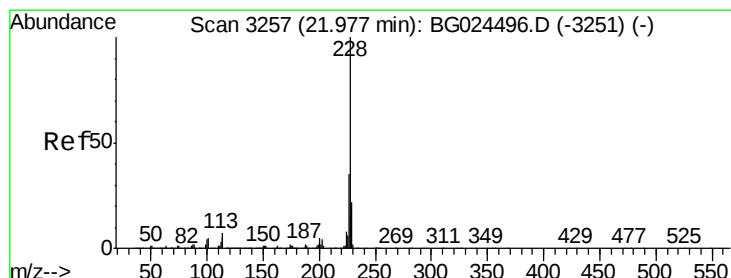
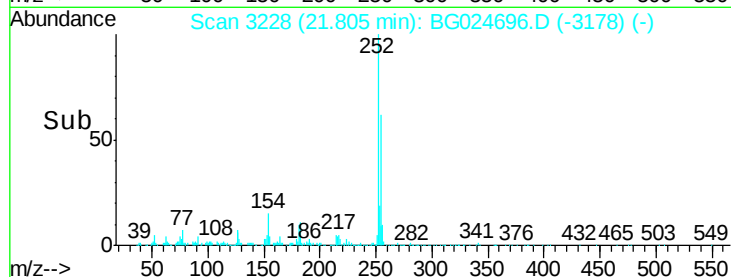
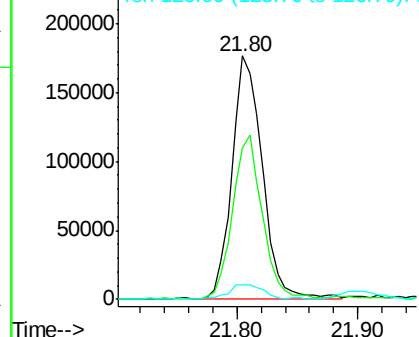
#81
 3,3'-Dichlorobenzidine
 Concen: 14.58 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BG024696.D
 Acq: 5 Nov 2016 4:22

Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MS

Tot Ion:252 Resp: 308253
 Ion Ratio Lower Upper
 252 100
 254 62.3 53.1 79.7
 126 5.9 7.0 10.4#

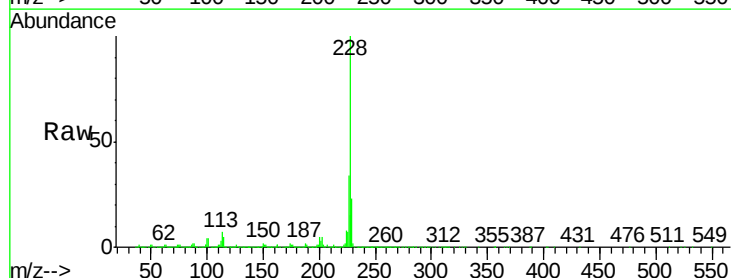


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

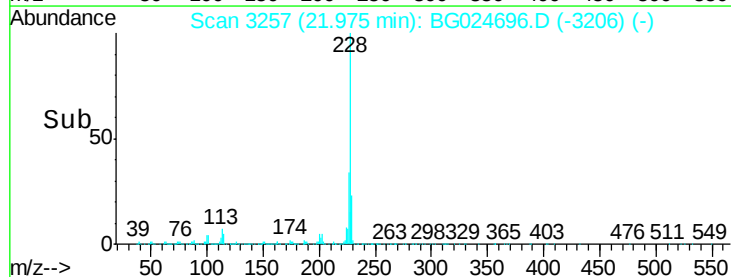
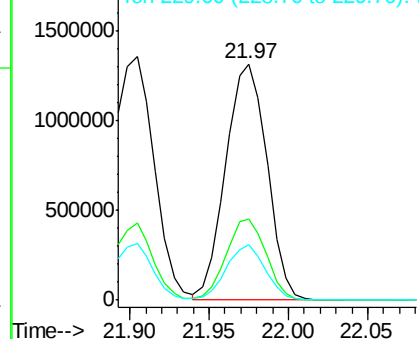


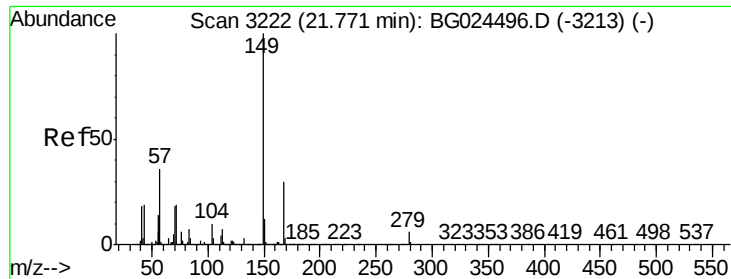
#82
 Chrysene
 Concen: 47.37 ng
 RT: 21.97 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG024696.D
 Acq: 5 Nov 2016 4:22

Tgt Ion:228 Resp: 2364400
 Ion Ratio Lower Upper
 228 100
 226 34.4 27.0 40.4
 229 23.4 17.8 26.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.67 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

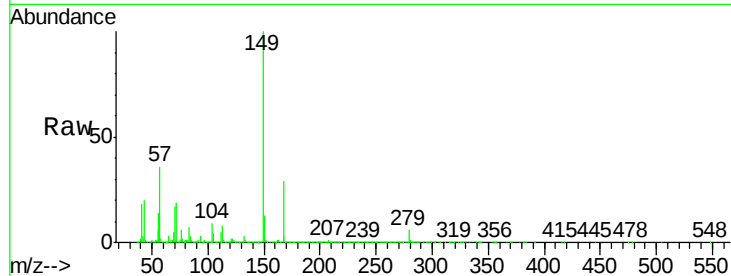
Tot Ion:149 Resp: 1353408

Ion Ratio Lower Upper

149 100

167 29.4 23.7 35.5

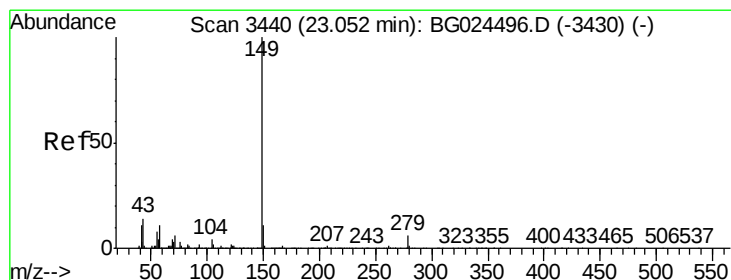
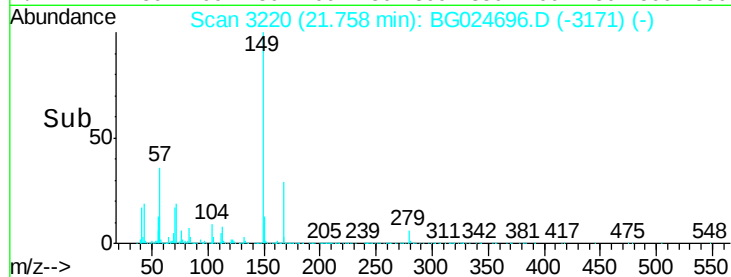
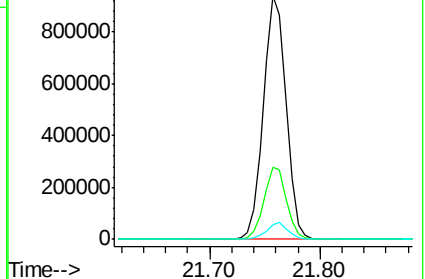
279 6.0 4.6 6.8



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: 50.12 ng

RT: 23.04 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

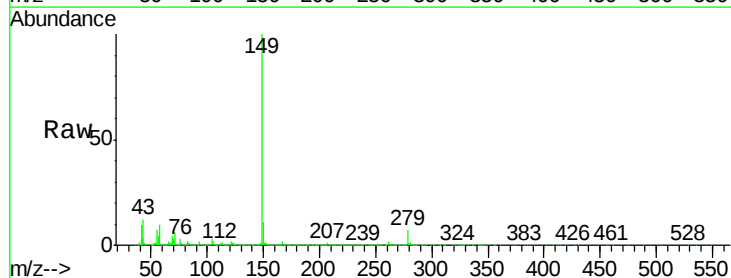
Tgt Ion:149 Resp: 2312931

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

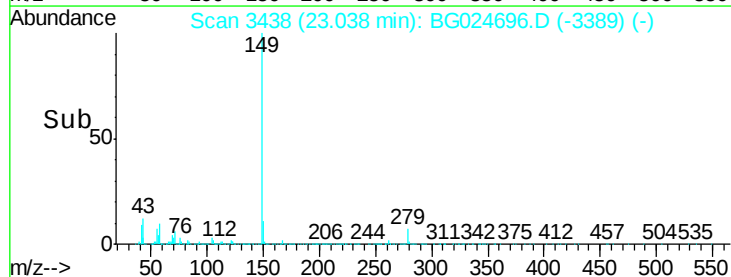
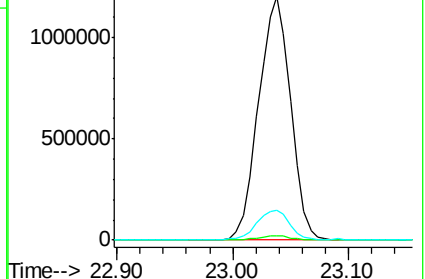
43 12.3 11.8 17.6

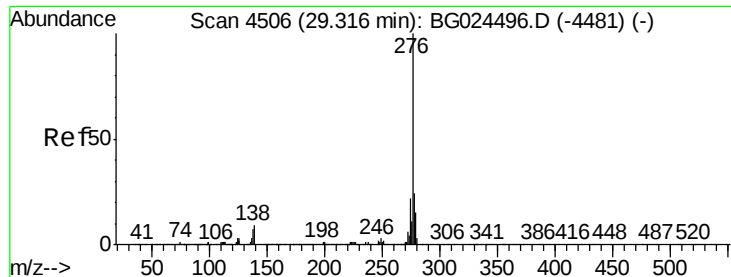


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

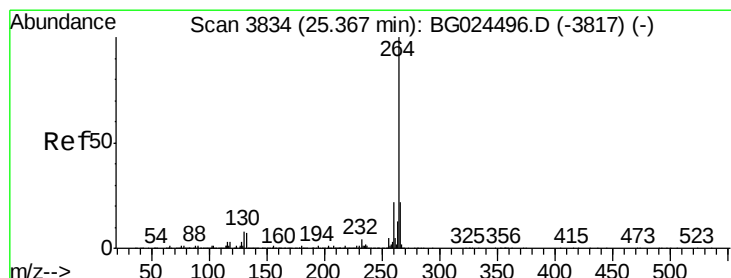
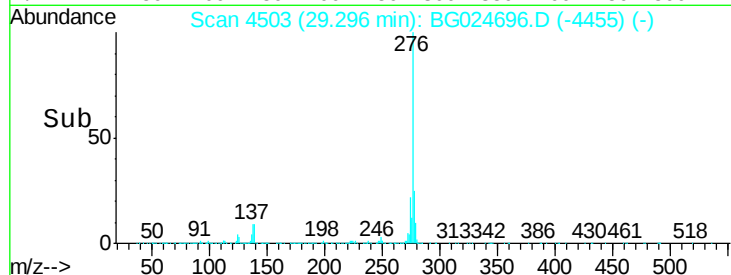
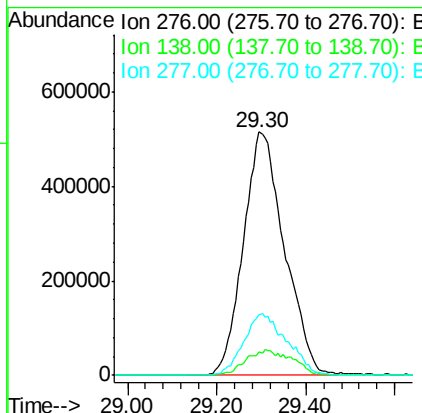
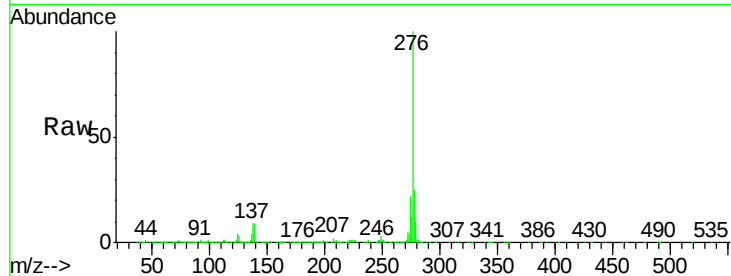




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.72 ng
RT: 29.30 min Scan# 4503
Delta R.T. -0.02 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

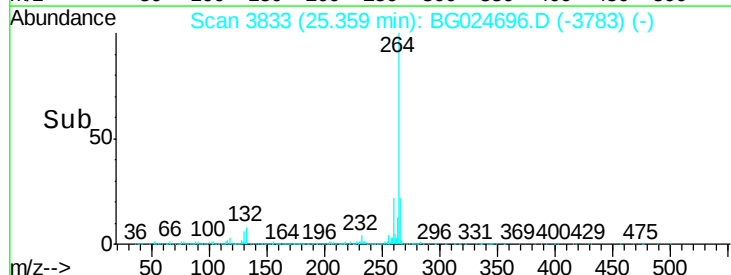
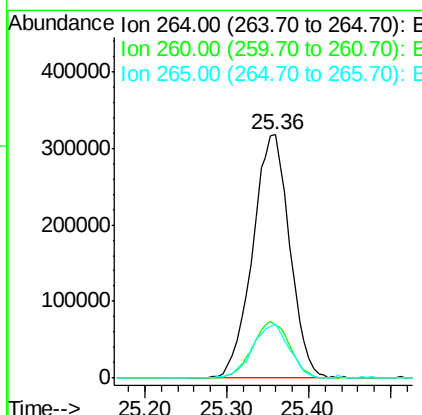
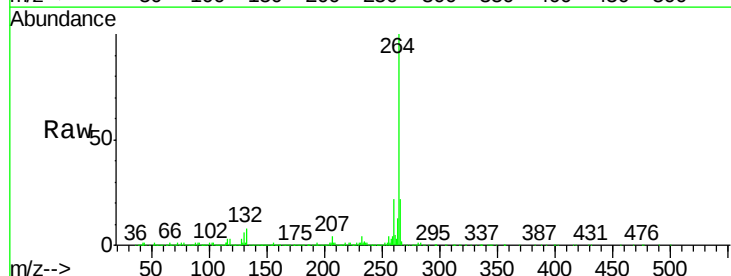
Instrument :
BNA_G
ClientSampleId :
S22-0015MS

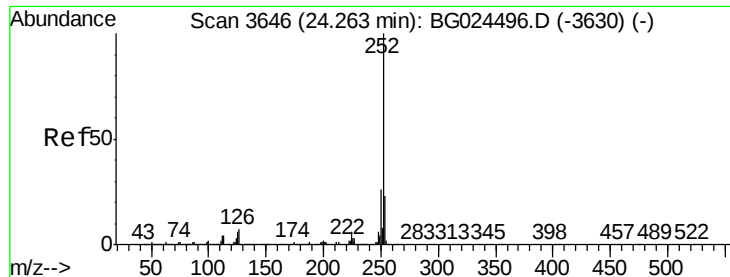
Tot Ion:276 Resp: 3287524
Ion Ratio Lower Upper
276 100
138 11.9 4.7 7.1#
277 26.5 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024696.D
Acq: 5 Nov 2016 4:22

Tgt Ion:264 Resp: 999116
Ion Ratio Lower Upper
264 100
260 22.0 21.8 32.8
265 22.3 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 48.73 ng

RT: 24.25 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

BNA_G

ClientSampleId :

S22-0015MS

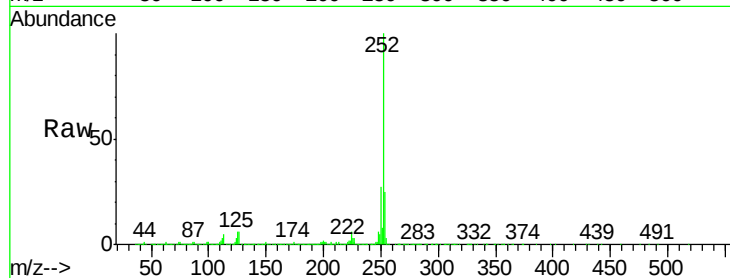
Tot Ion:252 Resp: 2631654

Ion Ratio Lower Upper

252 100

253 24.6 18.7 28.1

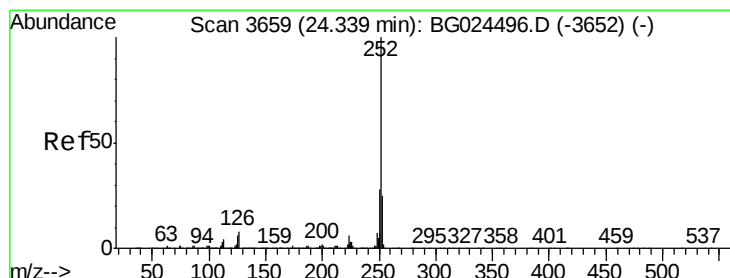
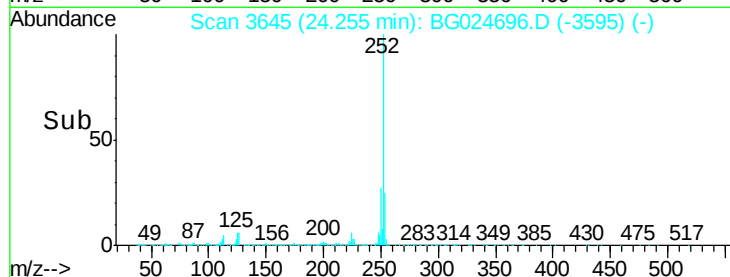
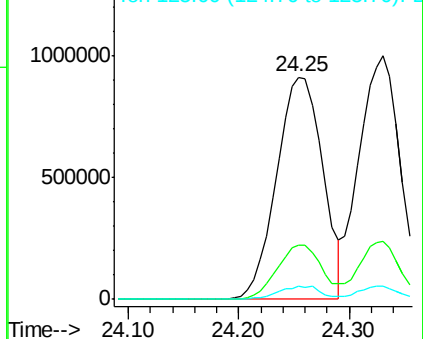
125 5.9 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.51 ng

RT: 24.33 min Scan# 3658

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

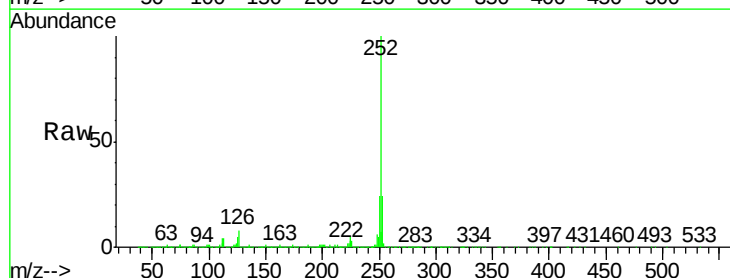
Tgt Ion:252 Resp: 2582404

Ion Ratio Lower Upper

252 100

253 23.9 20.2 30.2

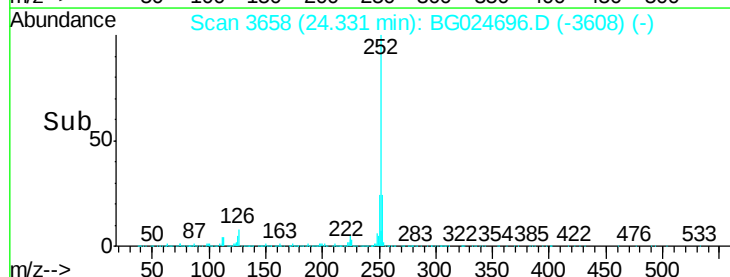
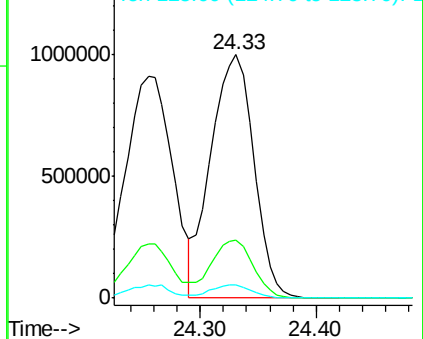
125 5.2 5.1 7.7

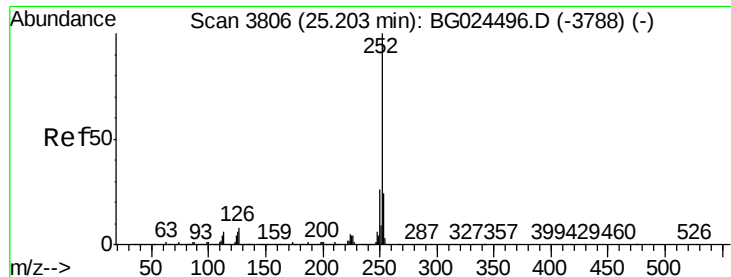


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.94 ng

RT: 25.19 min Scan# 3805

Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Instrument :

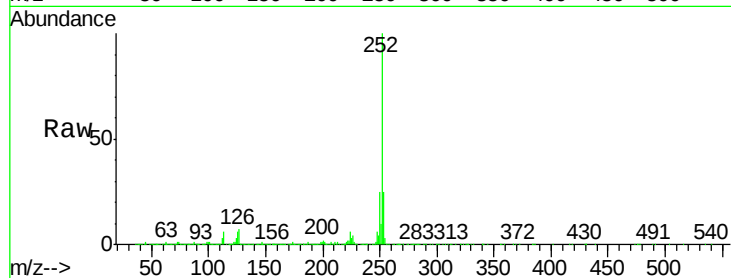
BNA_G

ClientSampleId :

S22-0015MS

Tot Ion:252 Resp: 2582479

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.2	28.8
125	5.7	5.4	8.0

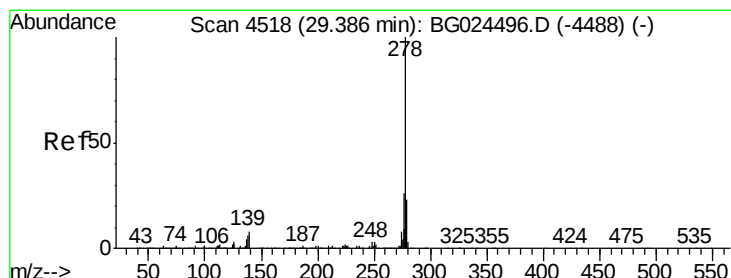
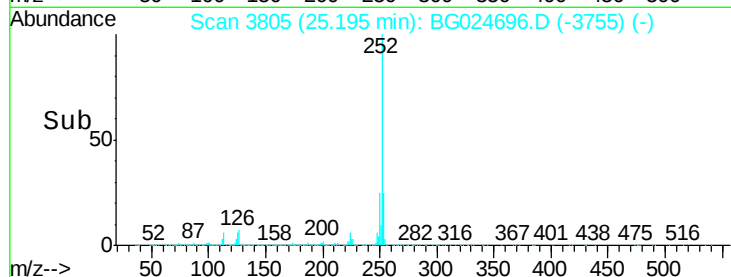
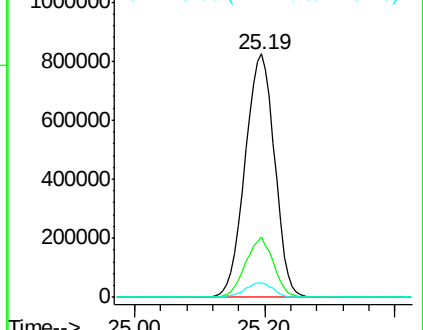


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.52 ng

RT: 29.37 min Scan# 4516

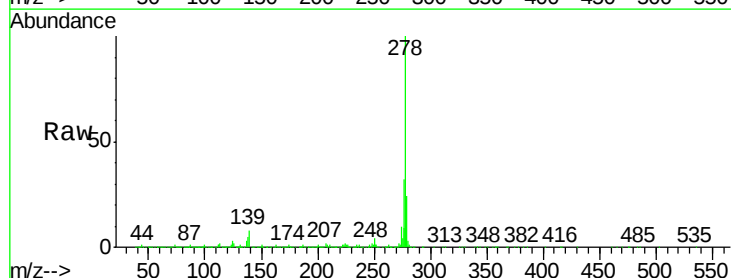
Delta R.T. -0.01 min

Lab File: BG024696.D

Acq: 5 Nov 2016 4:22

Tgt Ion:278 Resp: 2752500

Ion	Ratio	Lower	Upper
278	100		
139	7.7	7.7	11.5
279	24.5	19.1	28.7

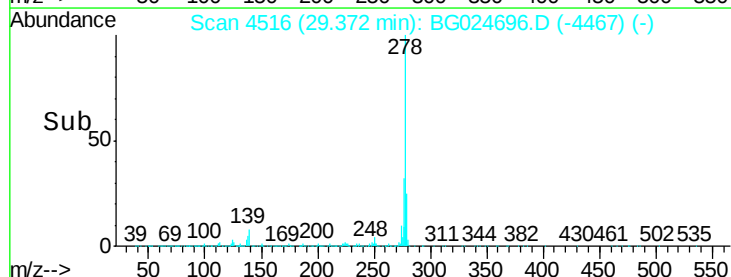
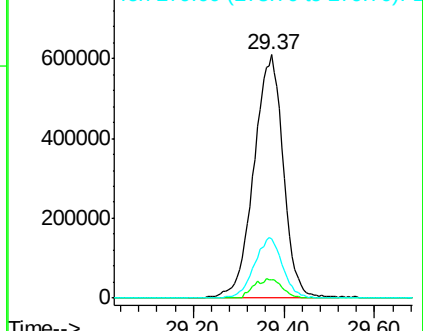


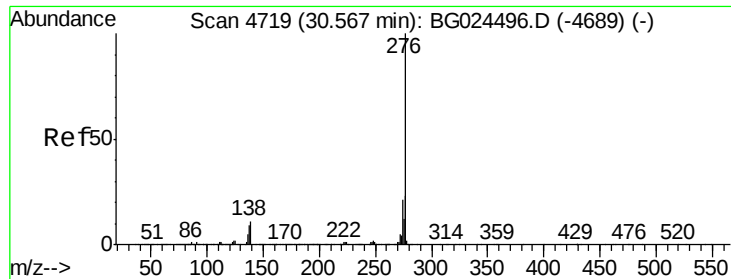
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.99 ng
 RT: 30.55 min Scan# 4716
 Delta R.T. -0.02 min
 Lab File: BG024696.D
 Acq: 5 Nov 2016 4:22

Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MS

Tot Ion:276 Resp: 2719141
 Ion Ratio Lower Upper
 276 100
 277 25.5 18.6 27.8
 138 11.0 8.1 12.1

