

Data Path : U:\HPCHEM1\BNA G\DATA\BG011618\
 Data File : BG032081.D
 Acq On : 16 Jan 2018 22:23
 Operator : SJ/JU
 Sample : PB105700BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 17 00:58:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	45184	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	184287	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	131239	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	350217	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	426095	20.00	ng	-0.01
86) Perylene-d12	26.18	264	461755	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	351539	142.29	ng	0.00
7) Phenol-d6	7.88	99	441465	141.88	ng	0.00
23) Nitrobenzene-d5	9.97	82	255005	93.62	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	309890	142.69	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	904737	85.48	ng	0.00
78) Terphenyl-d14	20.66	244	1758564	91.13	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.85	88	32774	34.531	ng	# 75
3) Pyridine	4.29	79	89712	35.411	ng	# 81
4) n-Nitrosodimethylamine	4.20	42	47310	53.155	ng	# 86
6) Aniline	8.06	93	95560	24.349	ng	93
8) 2-Chlorophenol	8.31	128	130272	47.123	ng	83
9) Benzaldehyde	7.86	77	16508	9.157	ng	# 80
10) Phenol	7.90	94	145174	47.365	ng	96
11) bis(2-Chloroethyl)ether	8.15	93	102404	41.703	ng	# 83
12) 1,3-Dichlorobenzene	8.65	146	148449	41.029	ng	# 95
13) 1,4-Dichlorobenzene	8.80	146	148547	40.776	ng	93
14) 1,2-Dichlorobenzene	9.13	146	142147	40.342	ng	97
15) Benzyl Alcohol	9.00	79	109106	48.270	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.29	45	105113	42.121	ng	80
17) 2-Methylphenol	9.20	107	102272	43.662	ng	96
18) Hexachloroethane	9.89	117	47537	42.459	ng	# 84
19) n-Nitroso-di-n-propylamine	9.58	70	82649	42.812	ng	# 84
20) 3+4-Methylphenols	9.53	107	142146	43.805	ng	97
22) Acetophenone	9.61	105	182648	43.632	ng	# 89
24) Nitrobenzene	10.01	77	121913	44.869	ng	# 85
25) Isophorone	10.53	82	231062	45.555	ng	# 86
26) 2-Nitrophenol	10.73	139	75680	47.007	ng	# 81
27) 2,4-Dimethylphenol	10.77	122	131750	51.569	ng	93
28) bis(2-Chloroethoxy)methane	11.01	93	141446	46.286	ng	# 97
29) 2,4-Dichlorophenol	11.28	162	159835	50.844	ng	89
30) 1,2,4-Trichlorobenzene	11.50	180	171728	42.298	ng	99
31) Naphthalene	11.70	128	384370	42.104	ng	97
32) Benzoic acid	10.88	122	77129	38.769	ng	# 81
33) 4-Chloroaniline	11.79	127	95222	24.324	ng	# 91
34) Hexachlorobutadiene	11.97	225	123069	42.204	ng	96
35) Caprolactam	12.55	113	50365	52.810	ng	# 57
36) 4-Chloro-3-methylphenol	12.86	107	144999	50.391	ng	# 80
37) 2-Methylnaphthalene	13.26	142	323348	44.613	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	247272	43.224	ng	# 96
40) Hexachlorocyclopentadiene	13.59	237	315569	97.939	ng	92

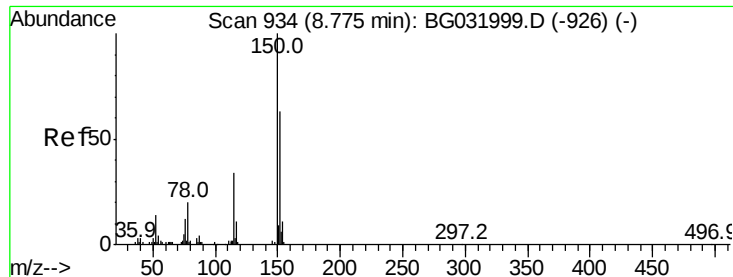
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	154985	48.217	nq	98
43) 2,4,5-Trichlorophenol	13.92	196	167867	45.118	nq #	93
45) 1,1'-Biphenyl	14.24	154	472732	42.018	nq	94
46) 2-Chloronaphthalene	14.29	162	360263	41.162	nq	97
47) 2-Nitroaniline	14.48	65	84091	50.187	nq #	75
48) Acenaphthylene	15.13	152	542425	40.698	nq	99
49) Dimethylphthalate	14.83	163	487186	42.421	nq	99
50) 2,6-Dinitrotoluene	14.96	165	109345	45.870	nq #	71
51) Acenaphthene	15.47	154	398982	45.271	nq	96
52) 3-Nitroaniline	15.28	138	64733	30.066	nq #	81
53) 2,4-Dinitrophenol	15.48	184	100811	83.930	nq #	75
54) Dibenzofuran	15.79	168	578245	43.983	nq	99
55) 4-Nitrophenol	15.57	139	164916	105.107	nq #	79
56) 2,4-Dinitrotoluene	15.73	165	159151	49.590	nq #	68
57) Fluorene	16.44	166	467142	43.324	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.00	232	182292	52.963	nq #	85
59) Diethylphthalate	16.17	149	487072	43.748	nq	97
60) 4-Chlorophenyl-phenylether	16.41	204	293705	44.404	nq	91
61) 4-Nitroaniline	16.44	138	96318	46.637	nq	90
62) Azobenzene	16.71	77	312386	44.827	nq	87
64) 4,6-Dinitro-2-methylphenol	16.49	198	89568	40.775	nq #	65
65) n-Nitrosodiphenylamine	16.62	169	439635	41.369	nq	98
66) 4-Bromophenyl-phenylether	17.31	248	214090	42.964	nq	95
67) Hexachlorobenzene	17.44	284	217865	39.519	nq #	89
68) Atrazine	17.55	200	206715	46.254	nq	96
69) Pentachlorophenol	17.77	266	299830	85.088	nq	98
70) Phenanthrene	18.18	178	823387	42.228	nq	99
71) Anthracene	18.26	178	848270	43.618	nq	99
72) Carbazole	18.52	167	729284	43.228	nq	100
73) Di-n-butylphthalate	19.03	149	847308	42.503	nq	99
74) Fluoranthene	20.13	202	1096455	44.912	nq	95
76) Benzidine	20.29	184	397754	37.330	nq	98
77) Pyrene	20.49	202	1114105	41.593	nq	98
79) Butylbenzylphthalate	21.35	149	391956	40.841	nq #	75
80) Benzo(a)anthracene	22.45	228	1146032	43.248	nq	98
81) 3,3'-Dichlorobenzidine	22.34	252	292476	29.546	nq #	95
82) Chrysene	22.52	228	1091646	42.896	nq	97
83) Bis(2-ethylhexyl)phthalate	22.29	149	550224	39.097	nq #	95
84) Di-n-octyl phthalate	23.67	149	961278	43.007	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.49	276	1380022	44.311	nq #	87
87) Benzo(b)fluoranthene	24.99	252	1231079	44.108	nq #	95
88) Benzo(k)fluoranthene	25.07	252	1176265	43.129	nq #	97
89) Benzo(a)pyrene	26.01	252	1175677	44.529	nq #	97
90) Dibenzo(a,h)anthracene	30.57	278	1138920	44.765	nq #	96
91) Benzo(g,h,i)perylene	31.85	276	1172905	45.104	nq #	92

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

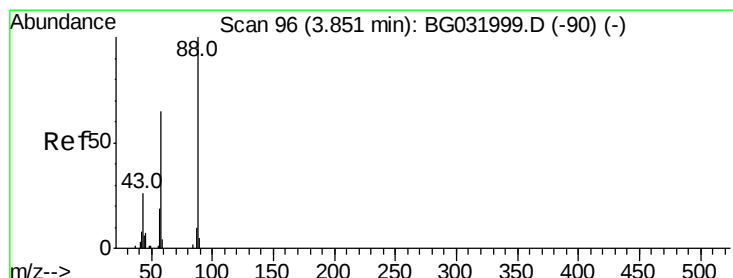
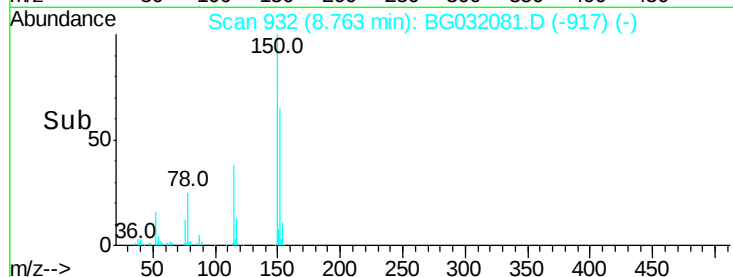
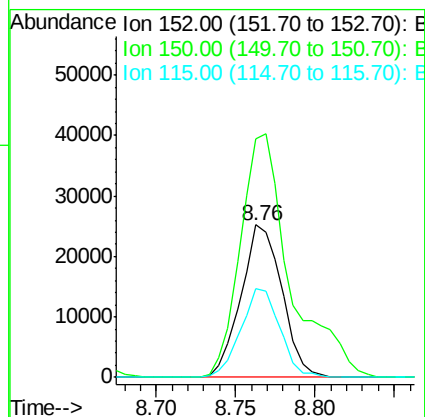
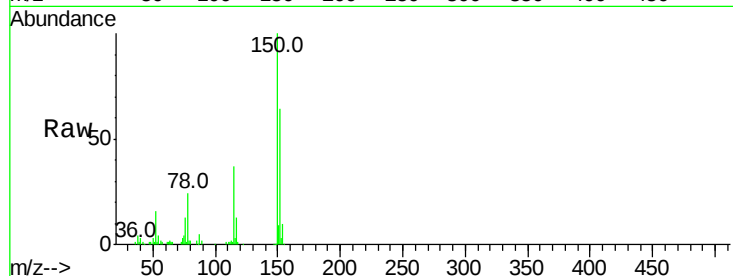


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_G
ClientSampleId :

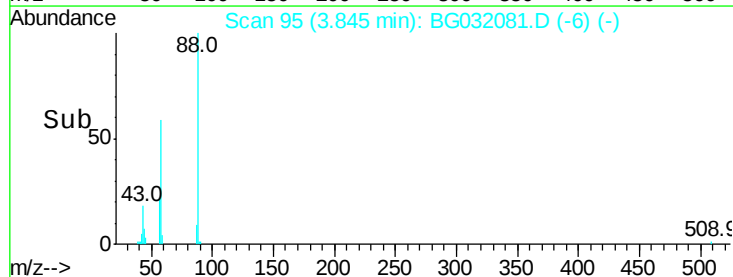
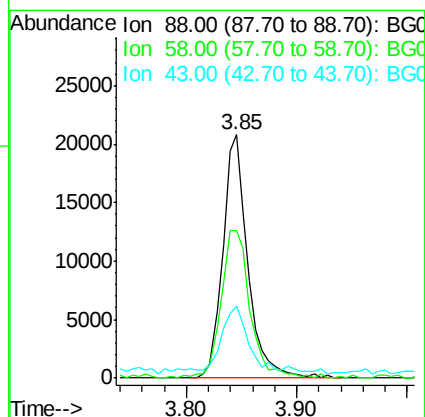
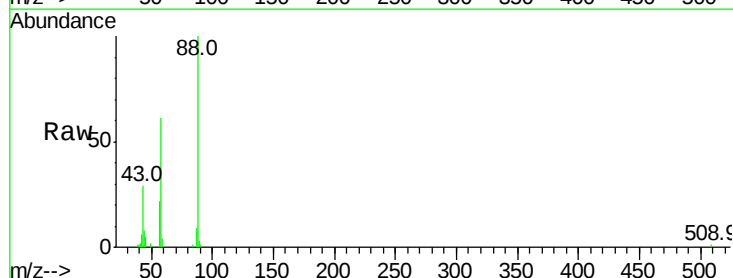
Tot Ion:152 Resp: 45184
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 58.8 53.0 79.4

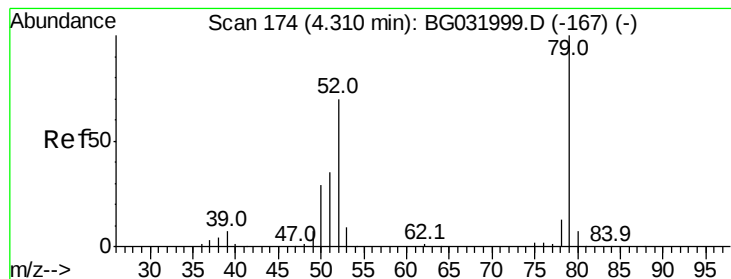


#2

1,4-Dioxane
Concen: 34.531 ng
RT: 3.85 min Scan# 95
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion: 88 Resp: 32774
Ion Ratio Lower Upper
88 100
58 70.6 79.6 119.4#
43 26.7 27.4 41.0#





#3

Pvridine

Concen: 35.411 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.02 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

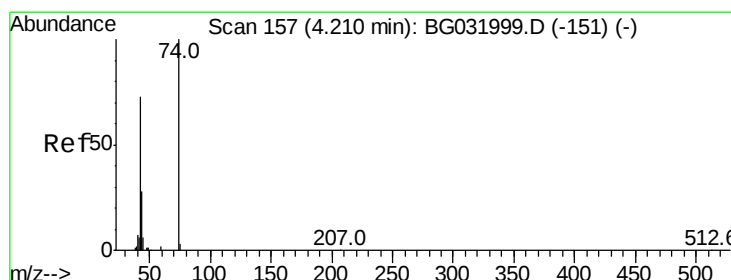
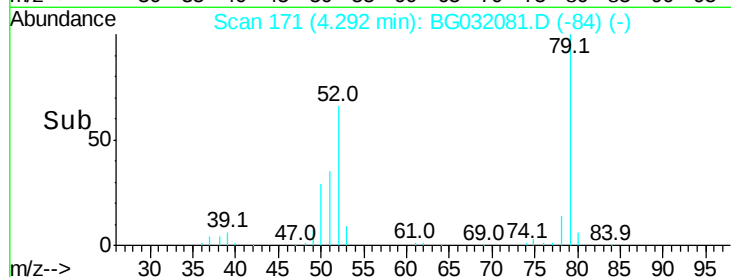
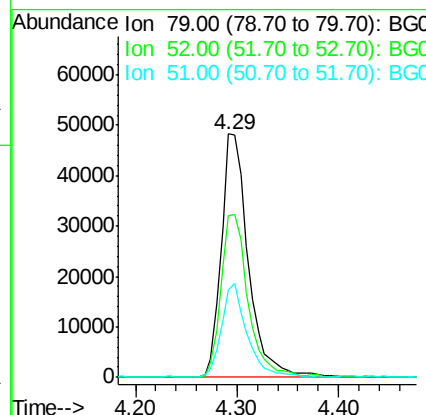
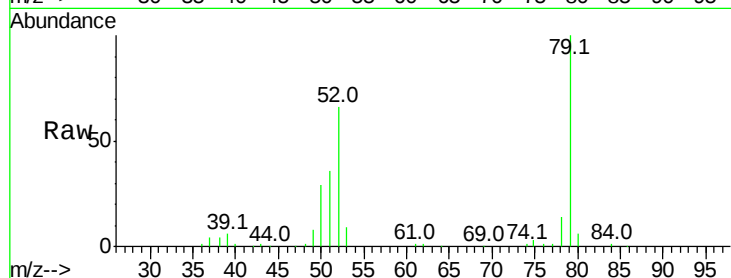
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 89712

Ion	Ratio	Lower	Upper
79	100		
52	66.4	69.9	104.9#
51	35.9	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 53.155 ng

RT: 4.20 min Scan# 156

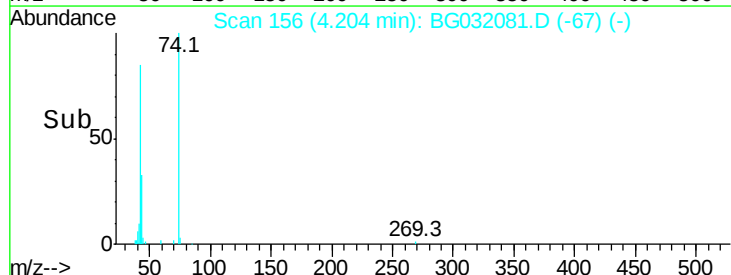
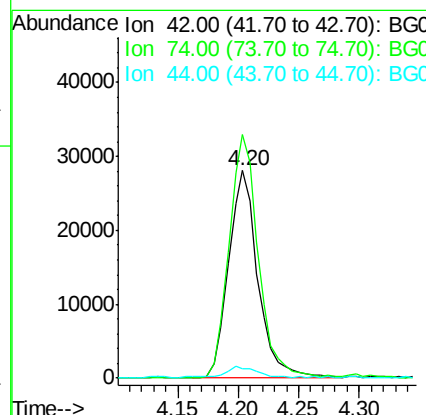
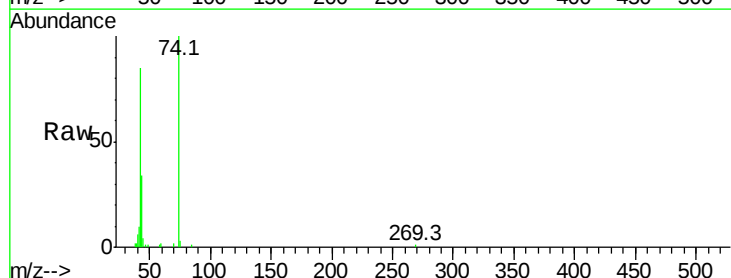
Delta R.T. -0.01 min

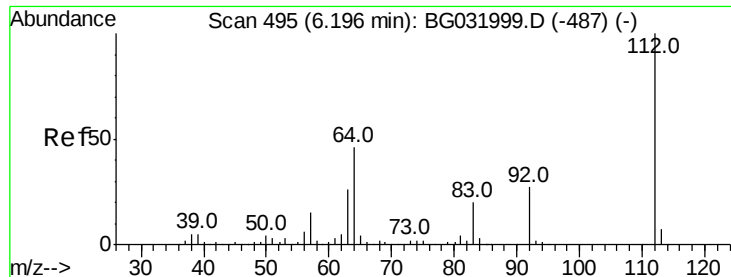
Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Tgt Ion: 42 Resp: 47310

Ion	Ratio	Lower	Upper
42	100		
74	117.3	102.5	153.7
44	4.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 142.294 ng

RT: 6.20 min Scan# 495

Delta R.T. -0.00 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

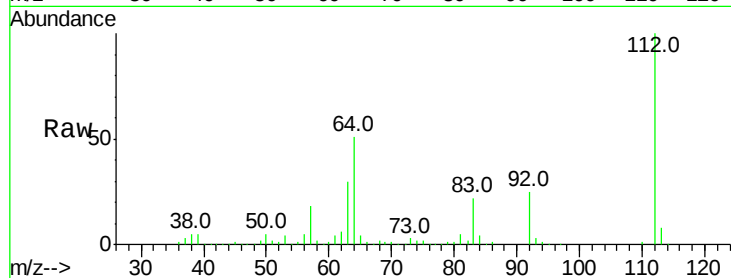
Tot Ion:112 Resp: 351539

Ion Ratio Lower Upper

112 100

64 50.6 56.3 84.5#

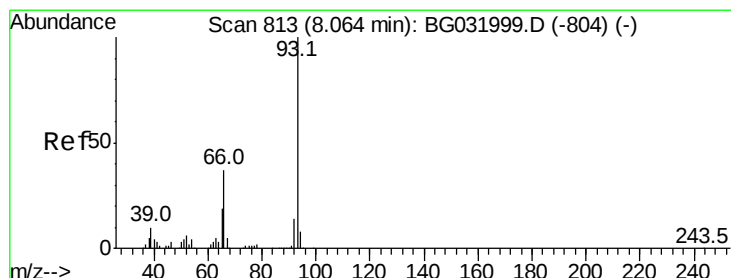
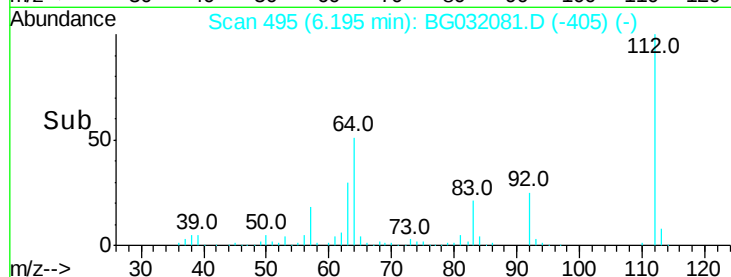
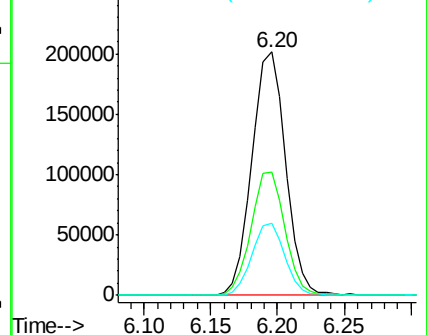
63 29.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.349 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

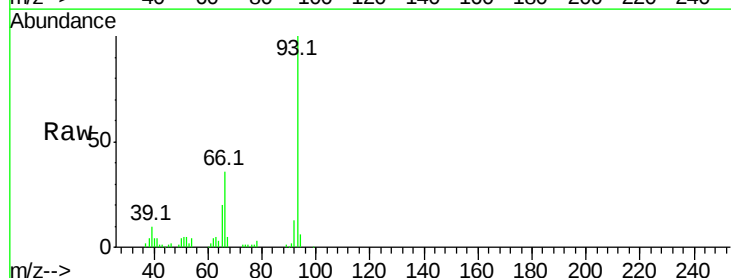
Tgt Ion: 93 Resp: 95560

Ion Ratio Lower Upper

93 100

66 35.9 33.7 50.5

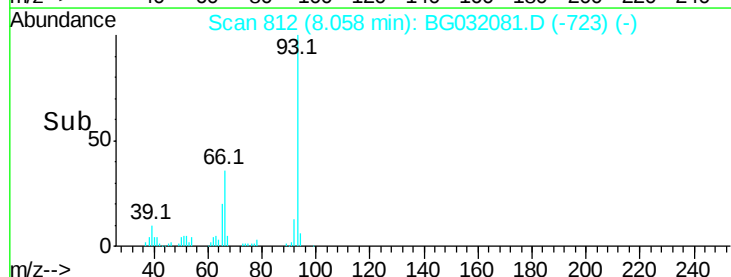
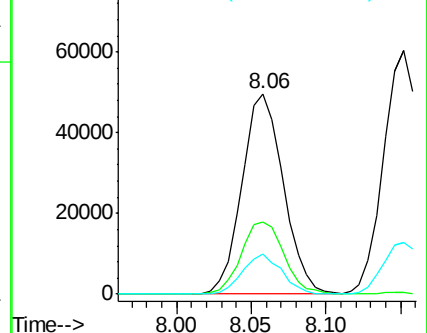
65 20.2 16.1 24.1

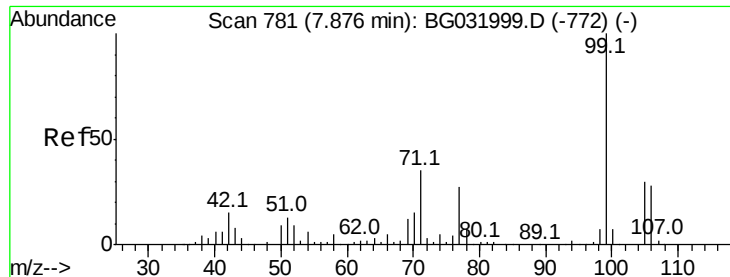


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.884 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

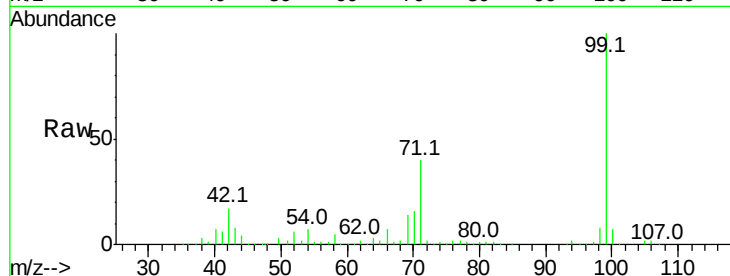
Tot Ion: 99 Resp: 441465

Ion Ratio Lower Upper

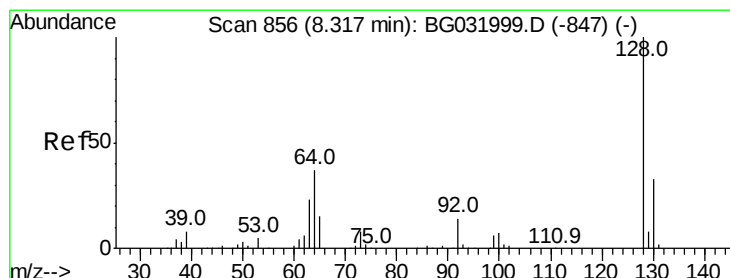
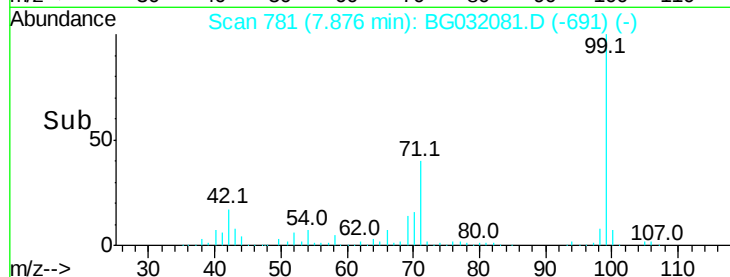
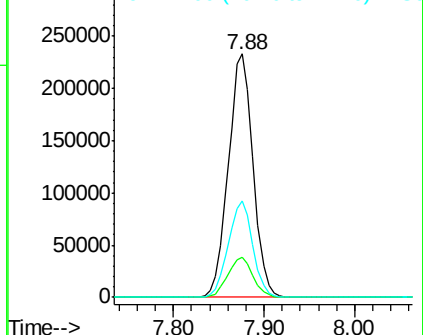
99 100

42 16.7 14.1 21.1

71 39.8 26.1 39.1#



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: 47.123 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

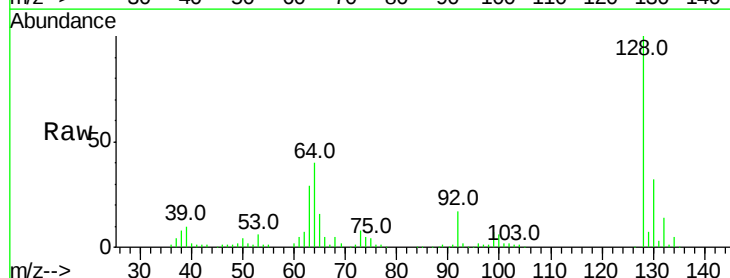
Tgt Ion: 128 Resp: 130272

Ion Ratio Lower Upper

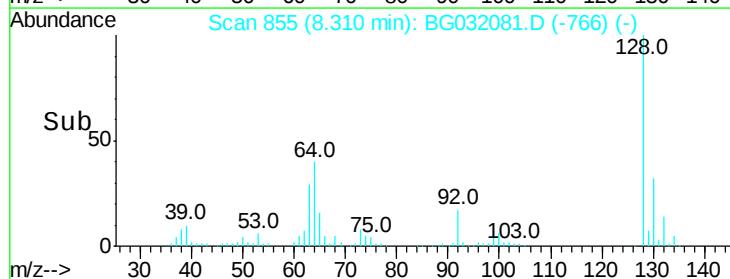
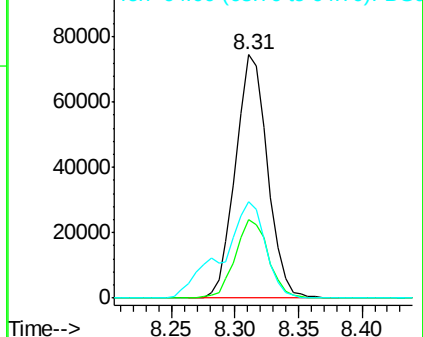
128 100

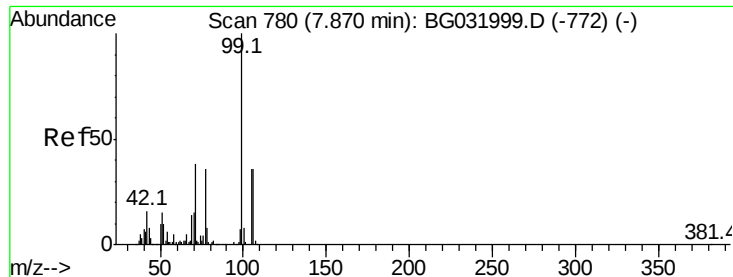
130 32.3 14.0 54.0

64 39.6 37.7 77.7



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

Benzaldehyd

Concen: 9.157 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

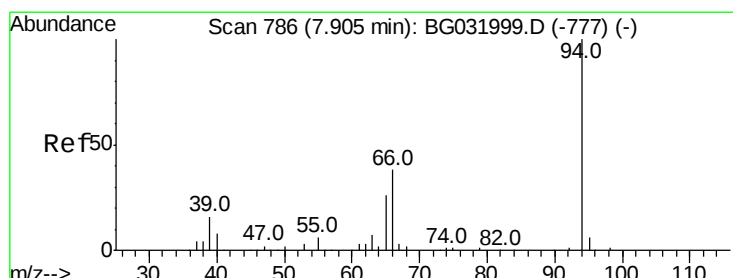
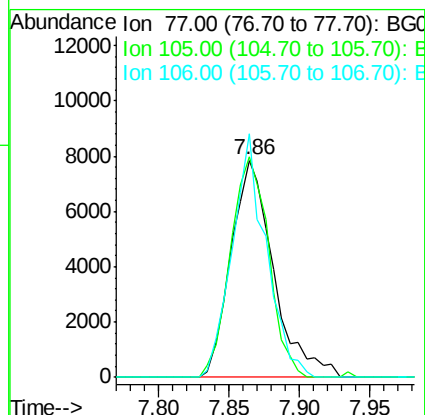
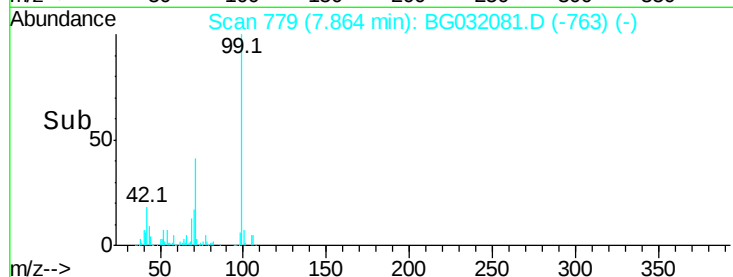
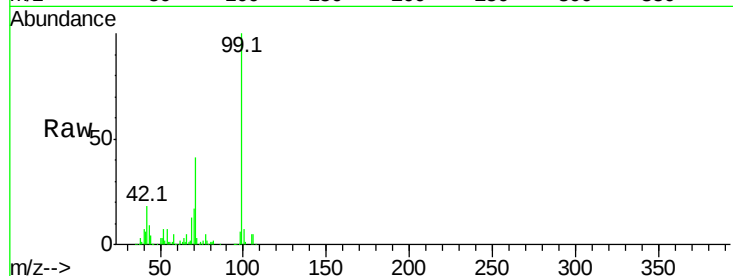
Tot Ion: 77 Resp: 16508

Ion Ratio Lower Upper

77 100

105 101.5 71.3 111.3

106 112.1 64.2 104.2#



#10

Phenol

Concen: 47.365 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

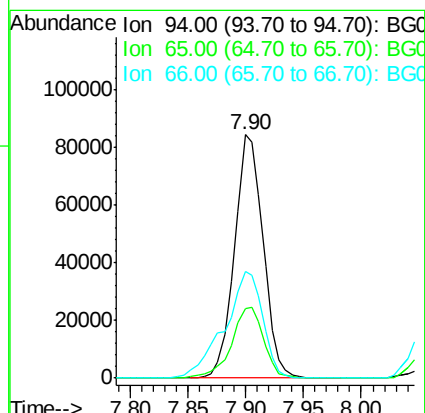
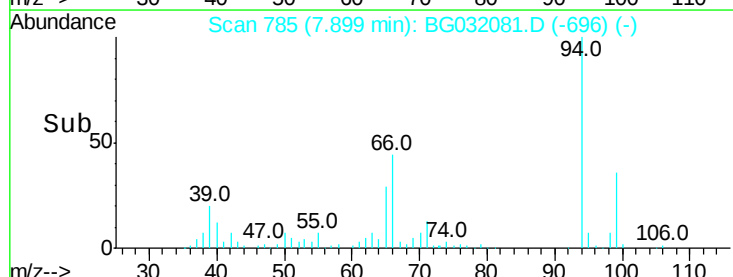
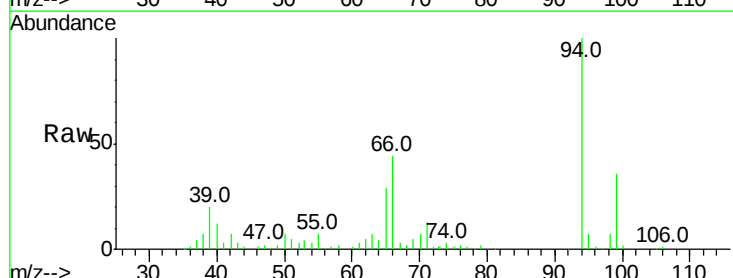
Tgt Ion: 94 Resp: 145174

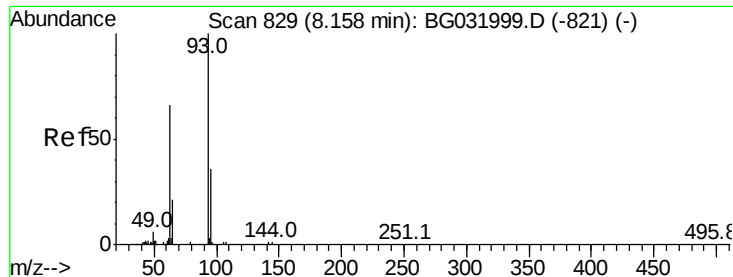
Ion Ratio Lower Upper

94 100

65 28.8 11.9 51.9

66 43.9 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 41.703 ng

RT: 8.15 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

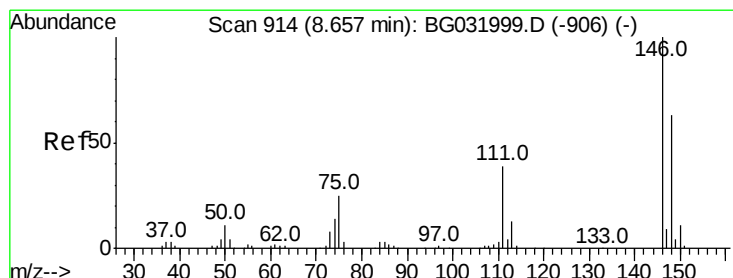
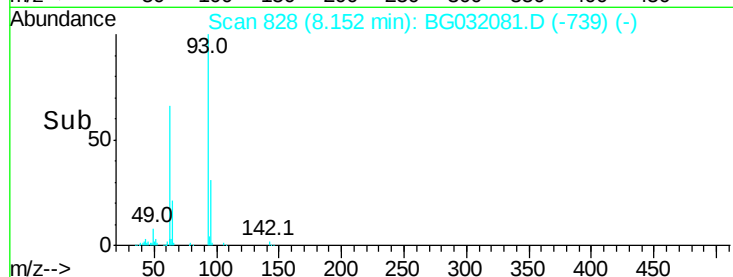
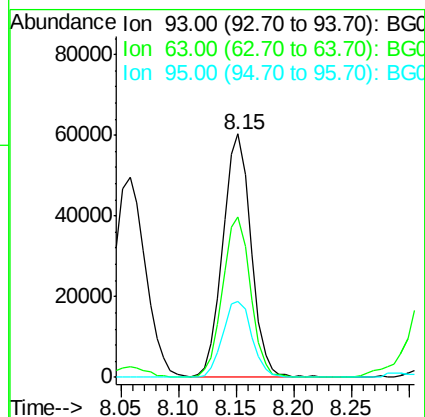
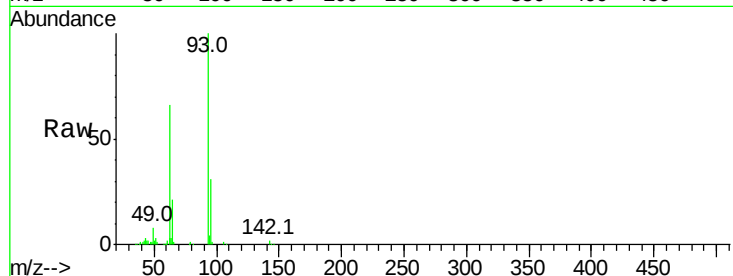
Tot Ion: 93 Resp: 102404

Ion Ratio Lower Upper

93 100

63 65.8 67.1 107.1#

95 31.2 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 41.029 ng

RT: 8.65 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

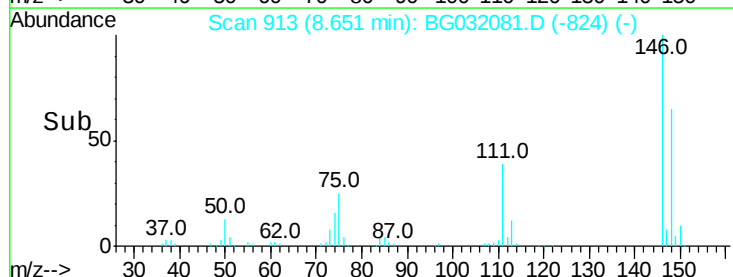
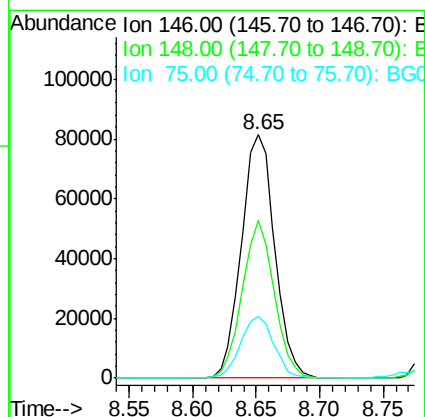
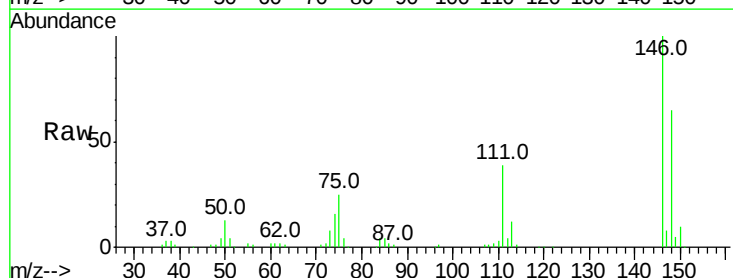
Tgt Ion: 146 Resp: 148449

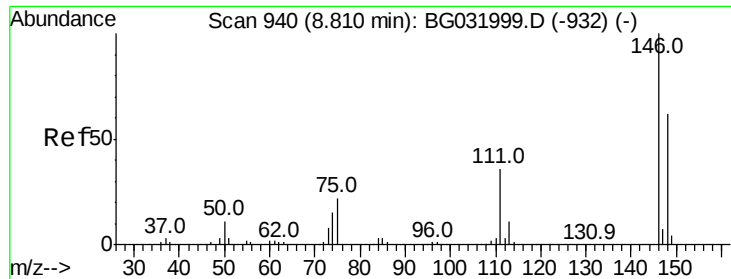
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

75 25.4 26.6 39.8#

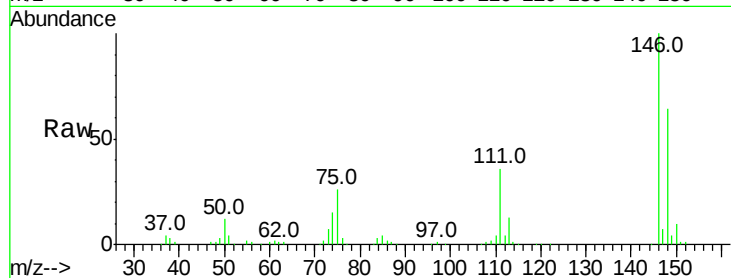




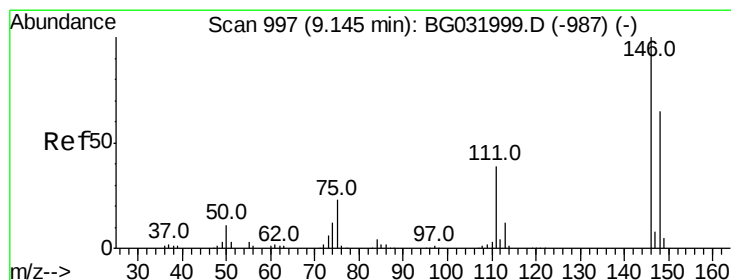
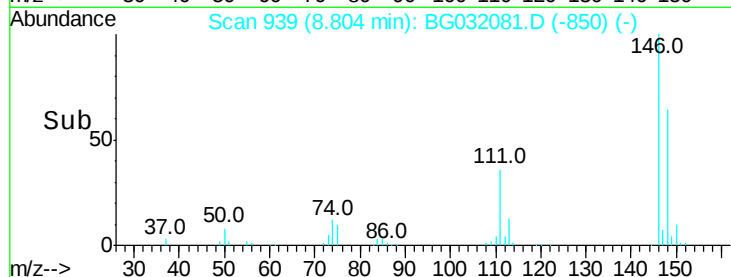
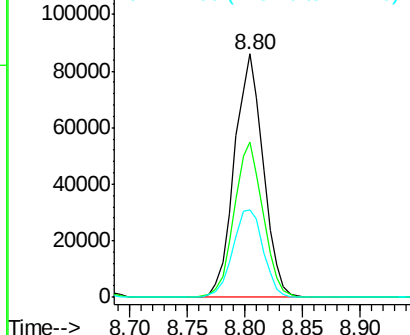
#13
 1,4-Dichlorobenzene
 Concen: 40.776 ng
 RT: 8.80 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.7	80.5
111	35.9	35.2	52.8

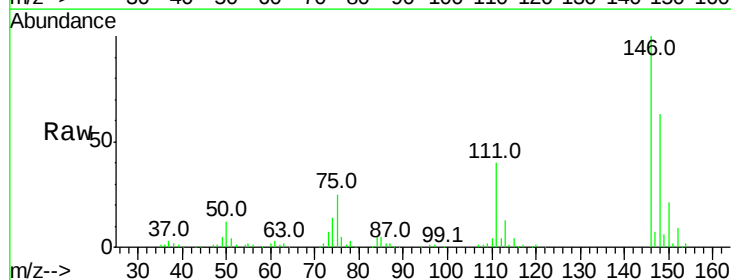


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

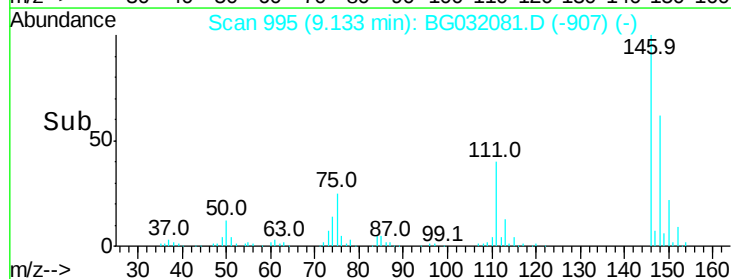
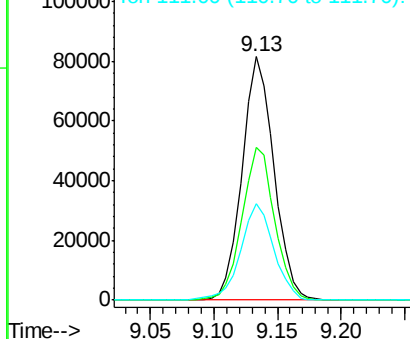


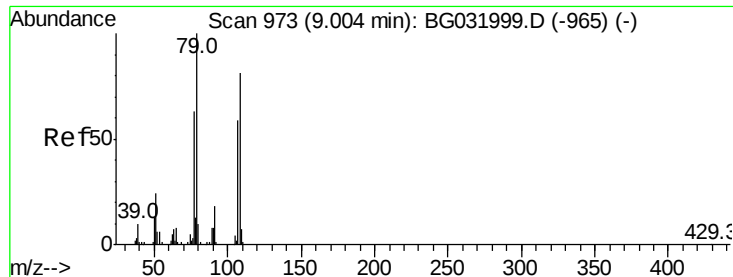
#14
 1,2-Dichlorobenzene
 Concen: 40.342 ng
 RT: 9.13 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.3	73.9
111	39.6	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.270 ng

RT: 9.00 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

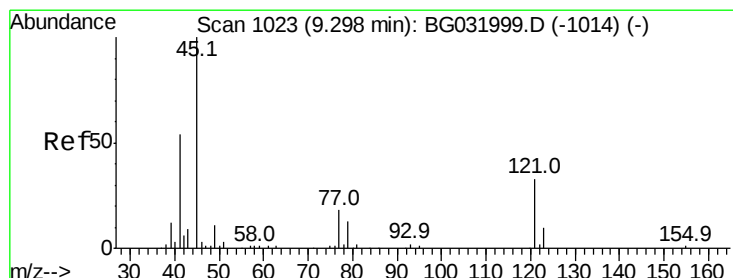
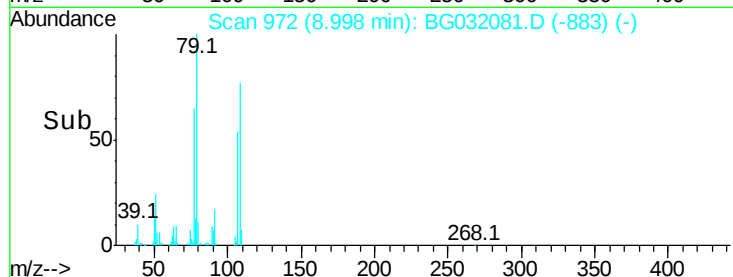
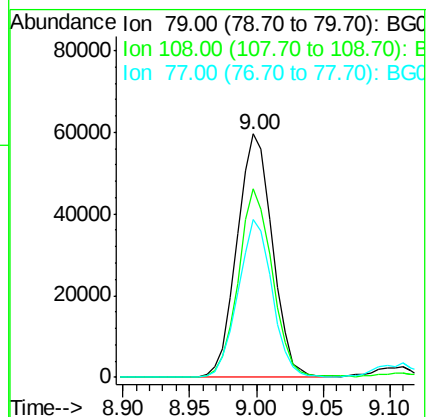
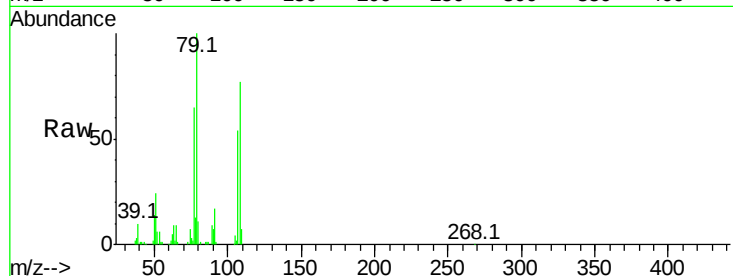
Tot Ion: 79 Resp: 109106

Ion Ratio Lower Upper

79 100

108 77.2 57.2 85.8

77 64.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.121 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

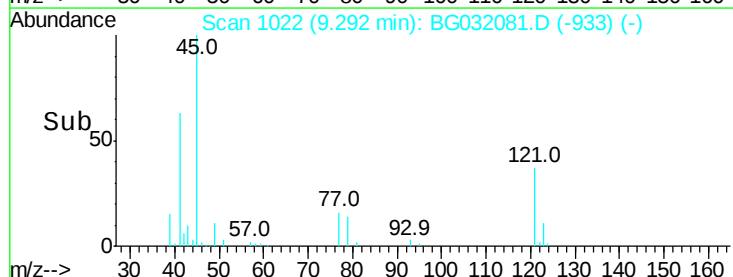
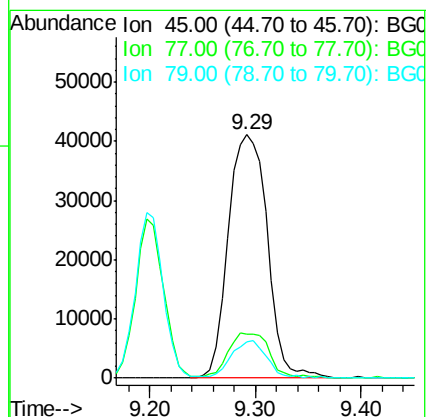
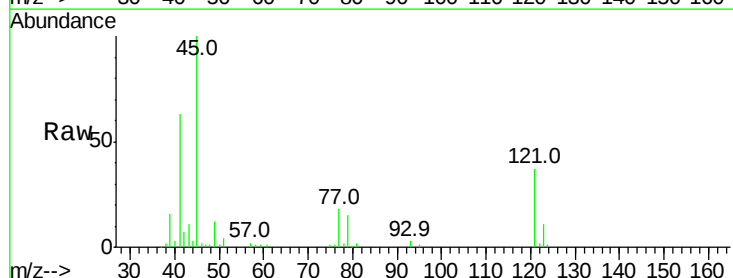
Tgt Ion: 45 Resp: 105113

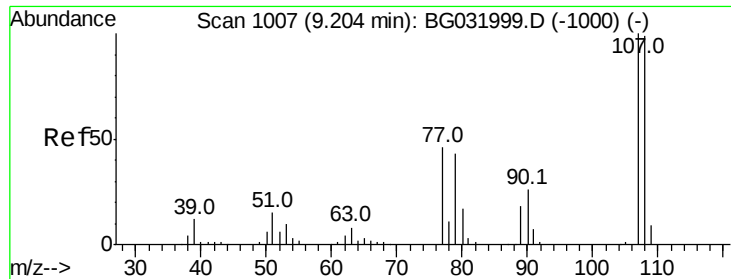
Ion Ratio Lower Upper

45 100

77 17.9 0.0 30.2

79 14.8 0.0 27.9

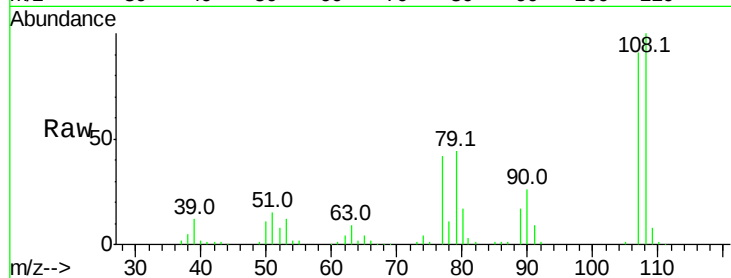




#17
2-Methylphenol
Concen: 43.662 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	83.9	125.9
77	46.4	37.2	55.8
79	48.6	36.2	54.2



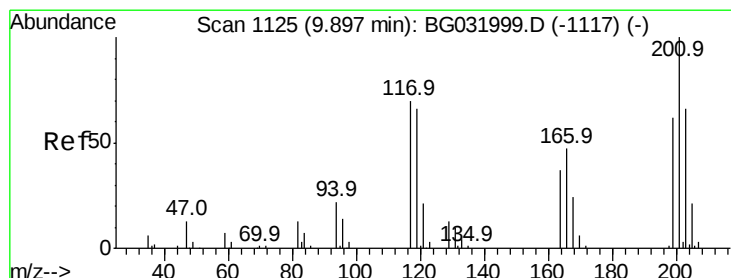
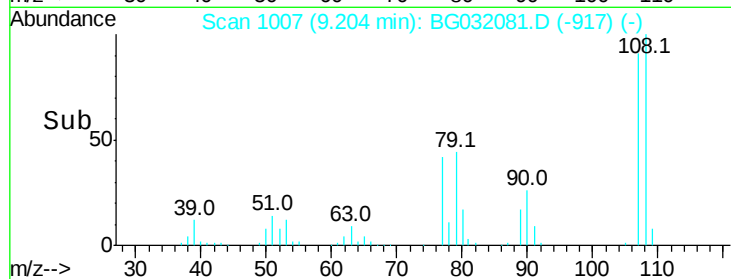
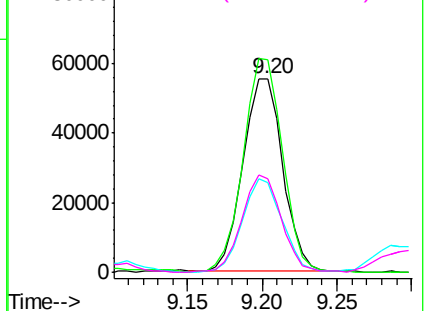
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

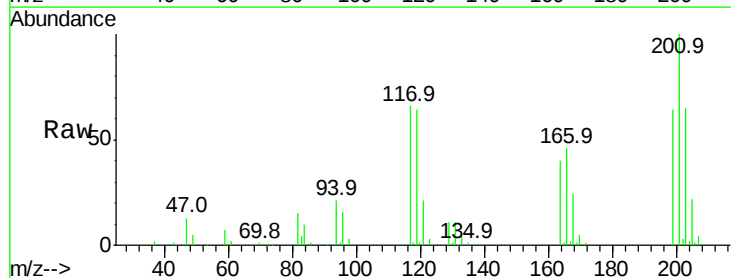
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.459 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
201	151.1	95.7	143.5#

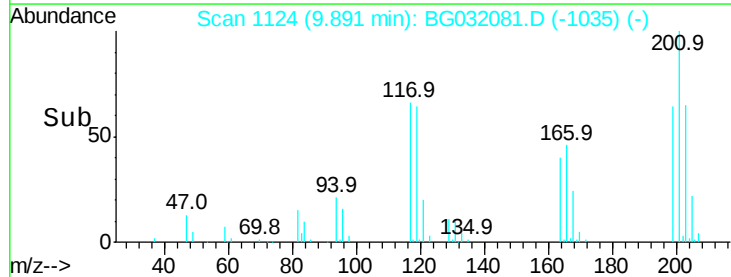
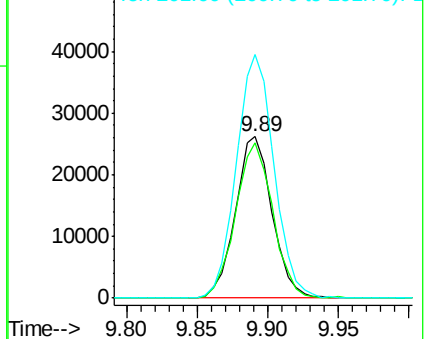


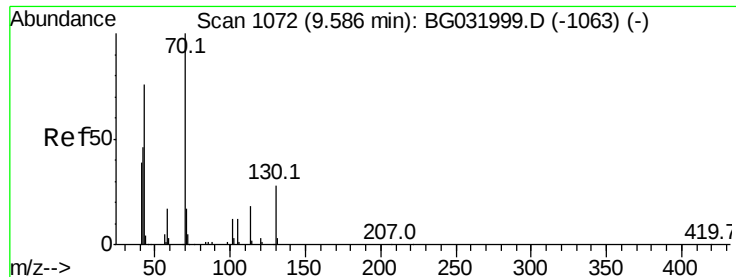
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

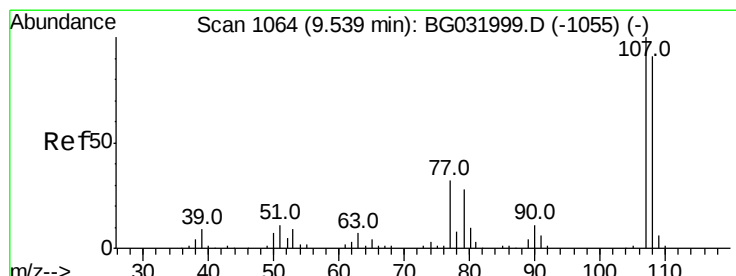
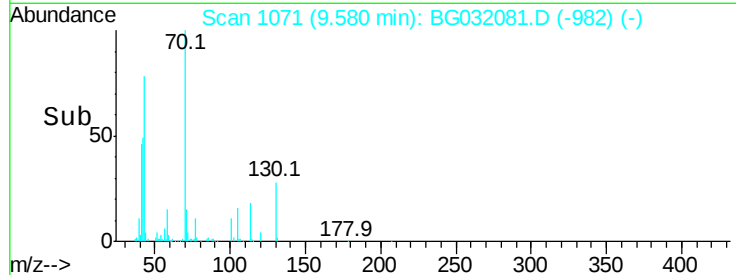
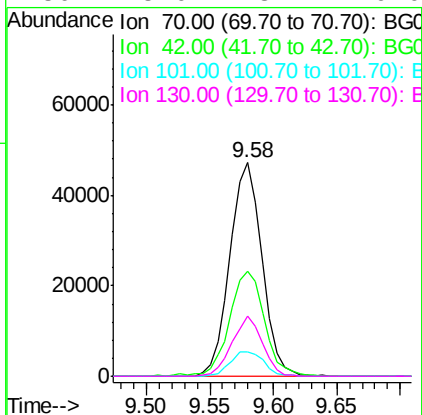
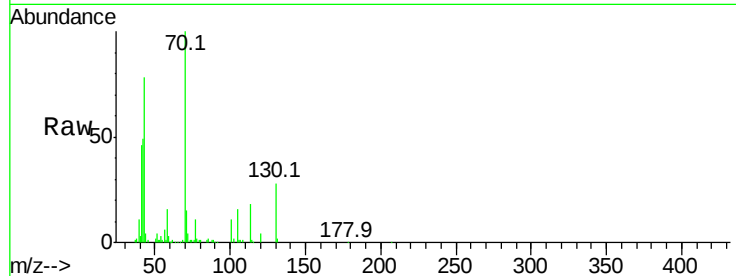




#19
n-Nitroso-di-n-propylamine
Concen: 42.812 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

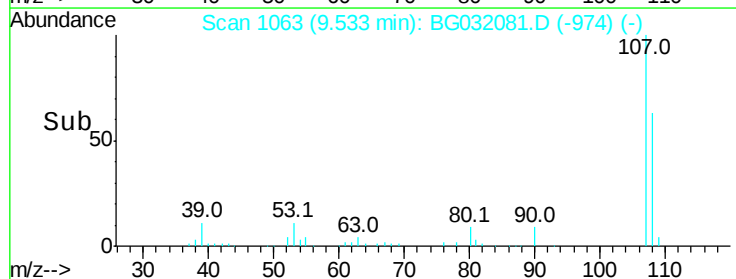
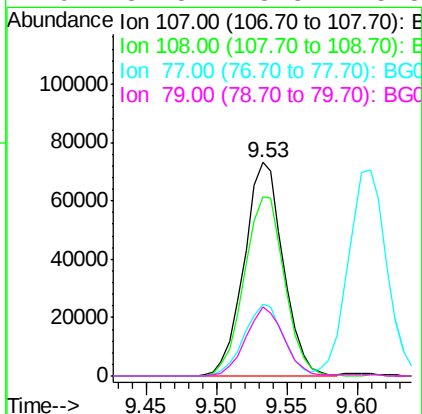
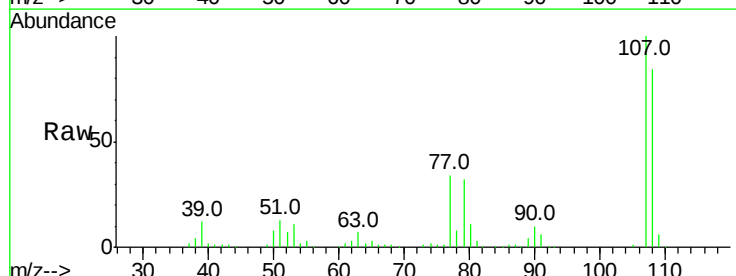
Instrument :
BNA_G
ClientSampleId :

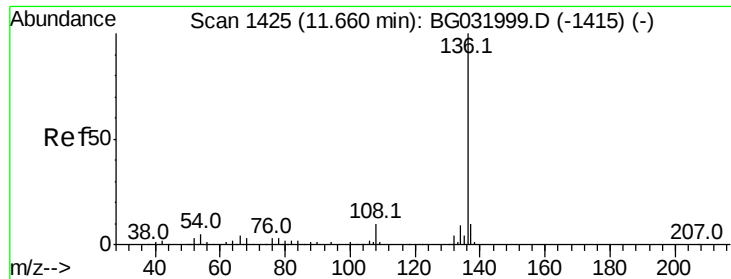
Tot Ion: 70 Resp: 82649
Ion Ratio Lower Upper
70 100
42 49.0 49.1 73.7#
101 11.2 8.5 12.7
130 28.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.805 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion: 107 Resp: 142146
Ion Ratio Lower Upper
107 100
108 83.9 61.6 101.6
77 33.6 13.9 53.9
79 32.3 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 184287

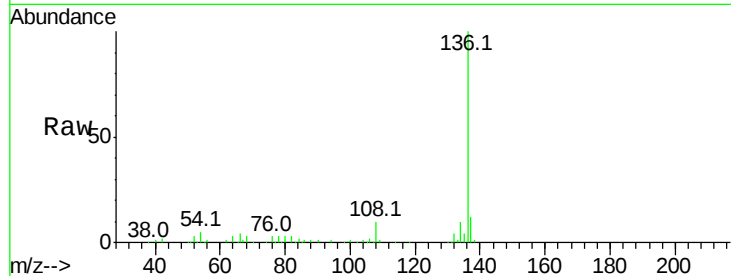
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 4.9 10.3 15.5#

68 3.1 4.5 6.7#

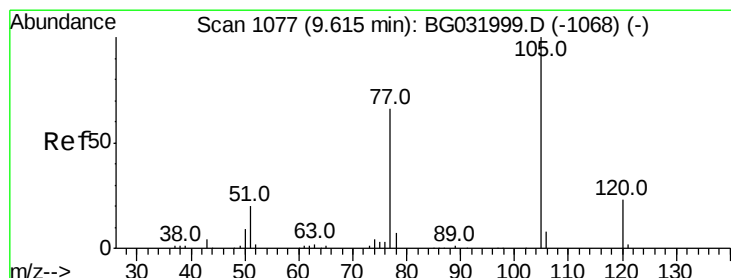
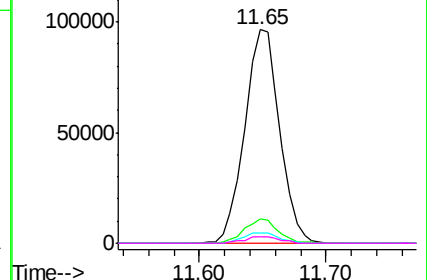
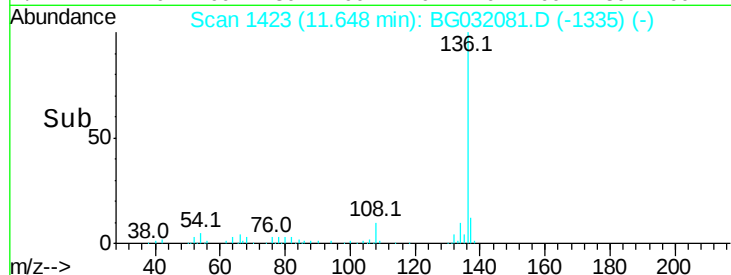


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.632 ng

RT: 9.61 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Tgt Ion:105 Resp: 182648

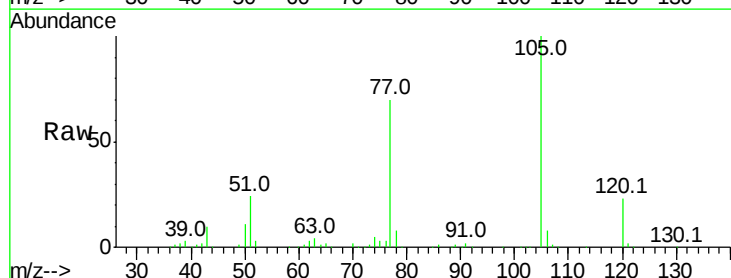
Ion Ratio Lower Upper

105 100

71 0.3 3.0 4.4#

51 23.7 26.1 39.1#

120 23.2 17.4 26.2

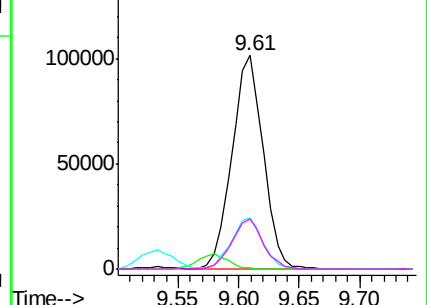
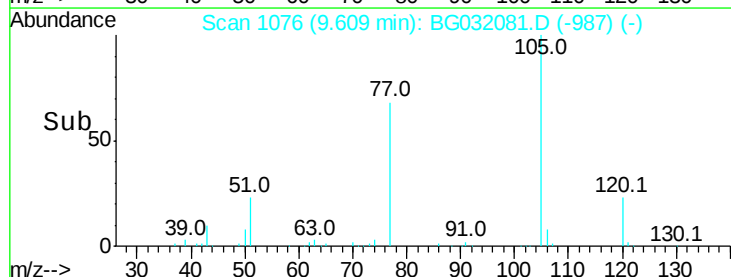


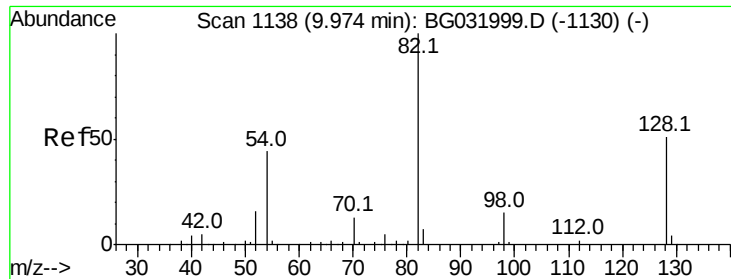
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

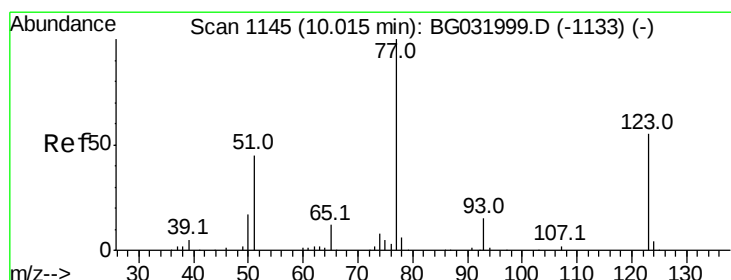
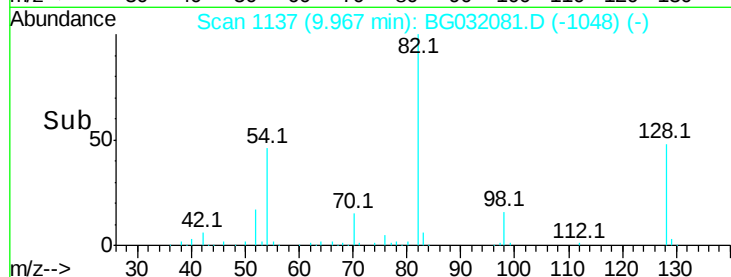
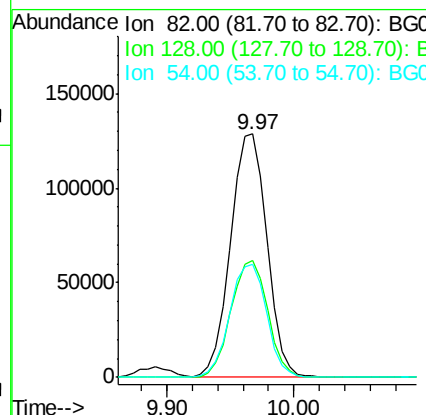
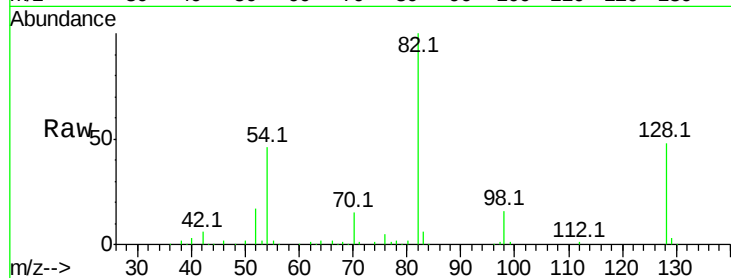




#23
Nitrobenzene-d5
Concen: 93.616 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

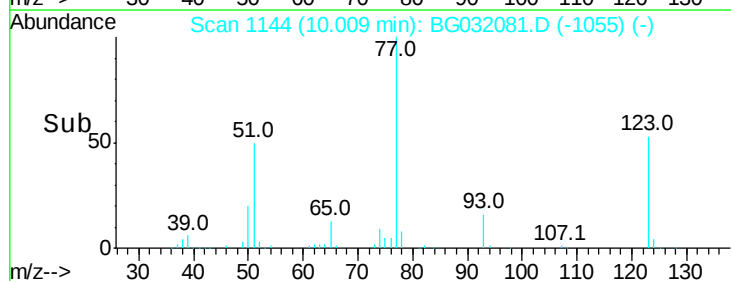
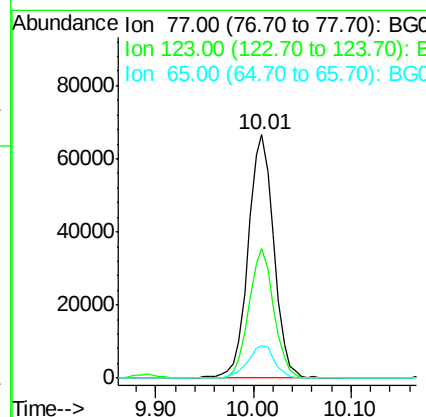
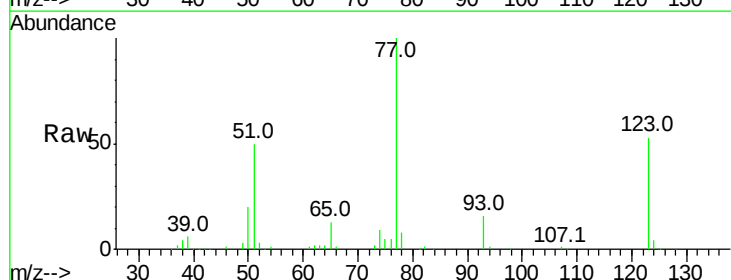
Instrument :
BNA_G
ClientSampleId :

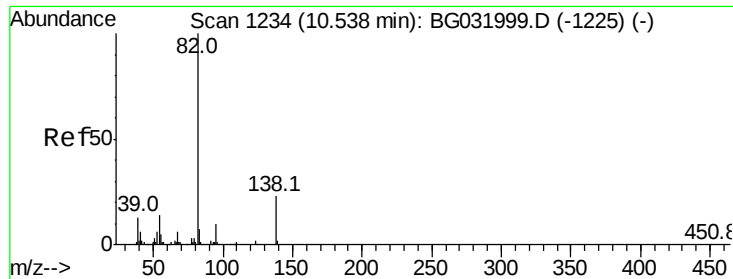
Tot Ion: 82 Resp: 255005
Ion Ratio Lower Upper
82 100
128 48.0 29.7 44.5#
54 46.2 43.1 64.7



#24
Nitrobenzene
Concen: 44.869 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion: 77 Resp: 121913
Ion Ratio Lower Upper
77 100
123 53.1 33.0 49.6#
65 13.4 13.0 19.6





#25

Isophorone

Concen: 45.555 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

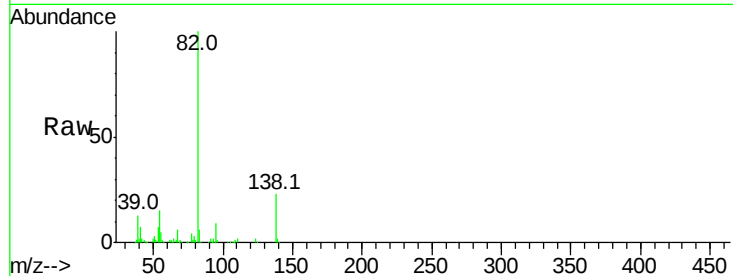
Tot Ion: 82 Resp: 231062

Ion Ratio Lower Upper

82 100

95 9.2 6.2 9.2

138 23.3 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

10.53

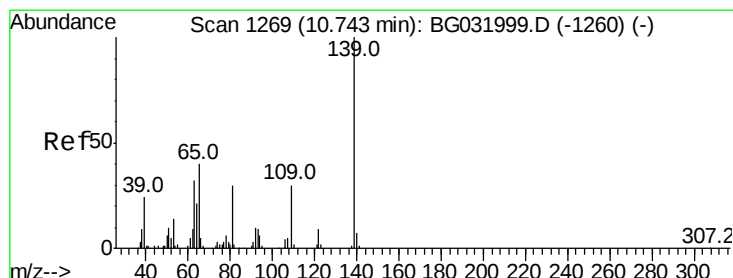
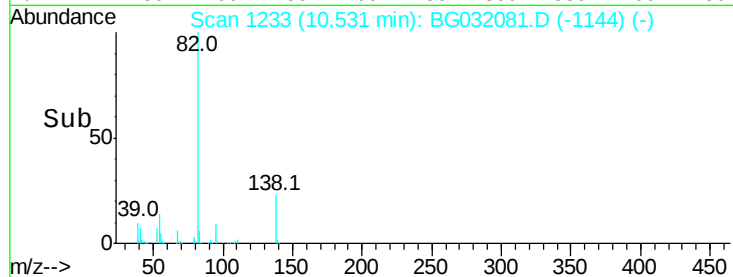
150000

100000

50000

0

Time-->



#26

2-Nitrophenol

Concen: 47.007 ng

RT: 10.73 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

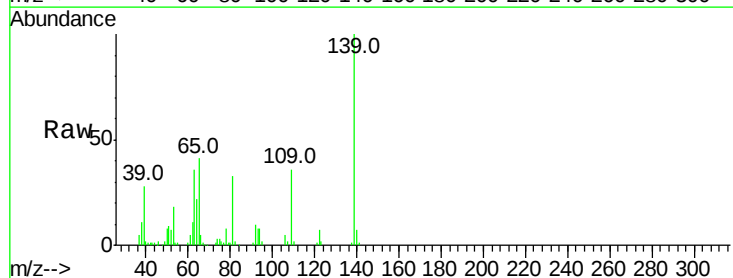
Tgt Ion: 139 Resp: 75680

Ion Ratio Lower Upper

139 100

109 35.6 24.2 36.2

65 40.9 47.4 71.0#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

10.73

50000

40000

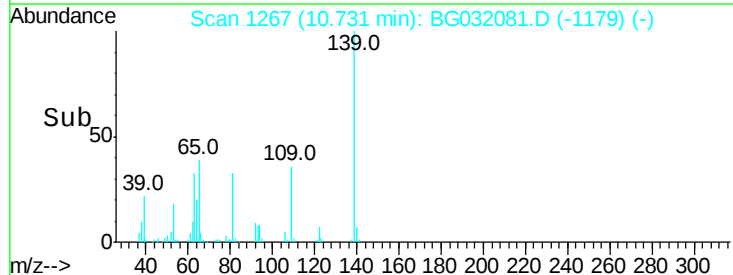
30000

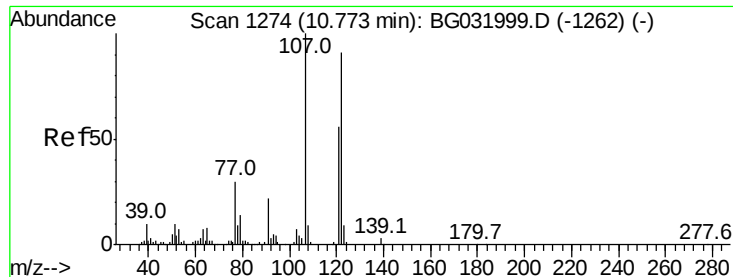
20000

10000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 51.569 ng

RT: 10.77 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

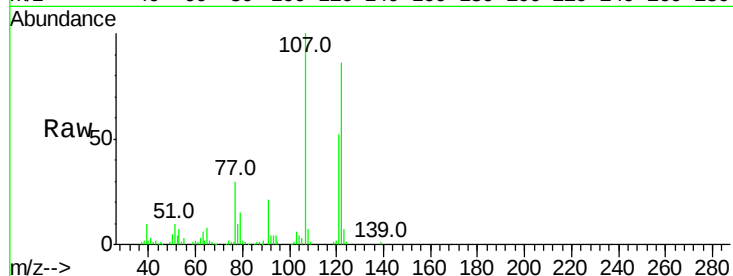
Tot Ion:122 Resp: 131750

Ion Ratio Lower Upper

122 100

107 116.5 100.2 150.2

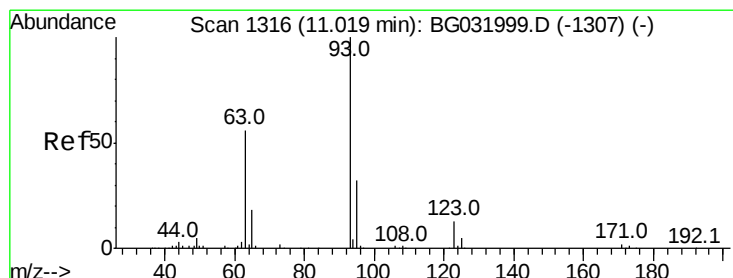
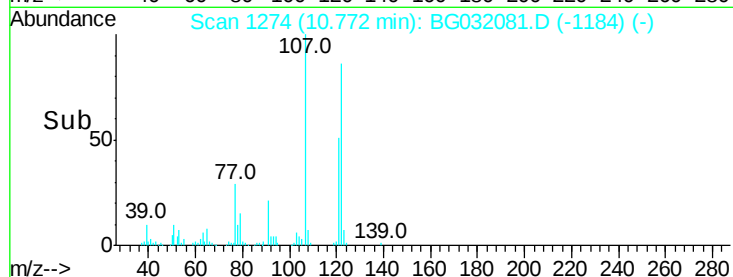
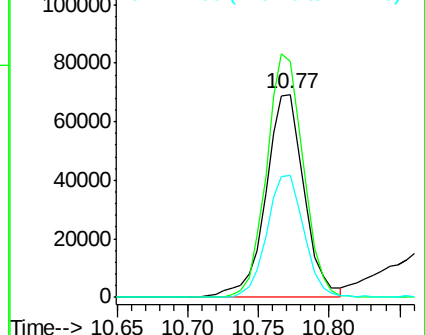
121 60.1 44.4 66.6



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: 46.286 ng

RT: 11.01 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

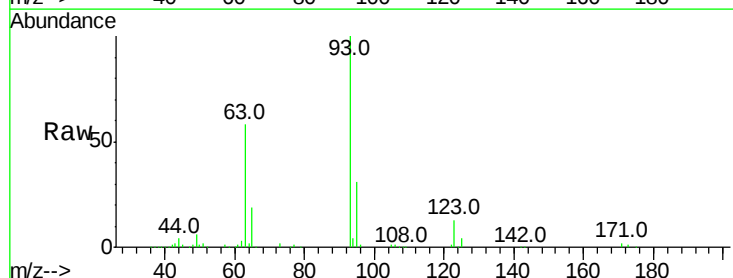
Tgt Ion: 93 Resp: 141446

Ion Ratio Lower Upper

93 100

95 31.0 24.3 36.5

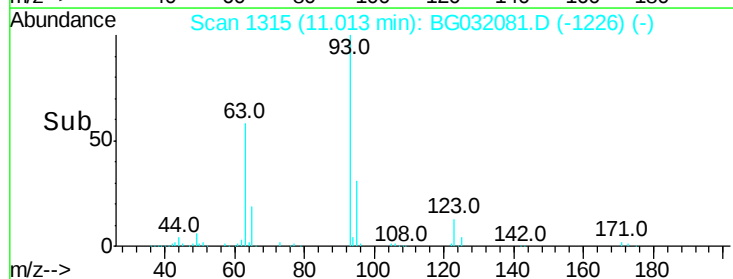
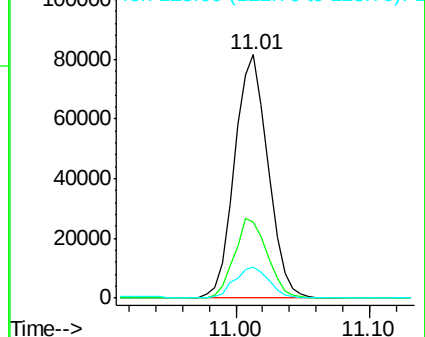
123 13.0 8.4 12.6#

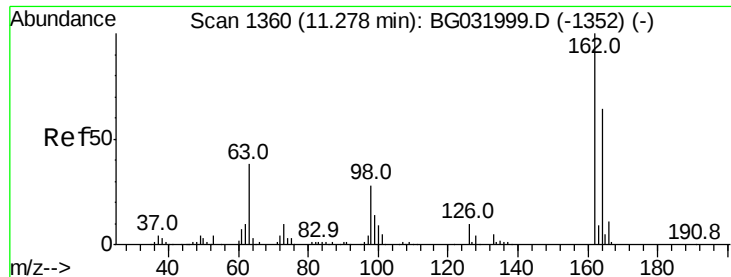


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

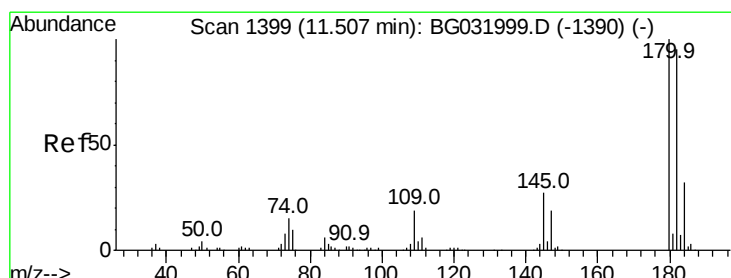
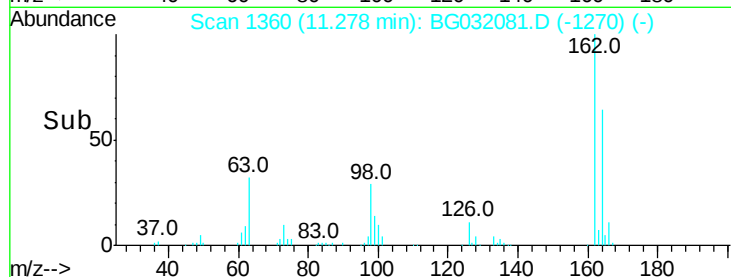
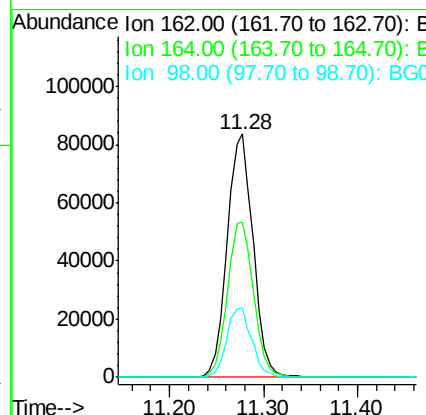
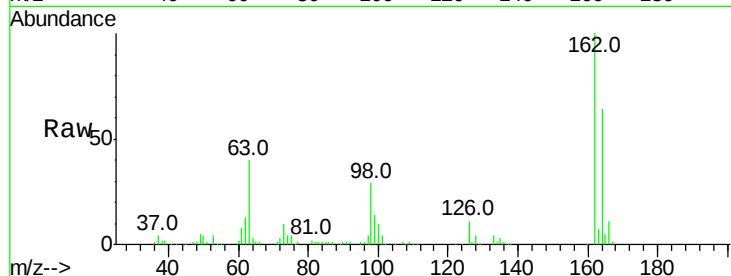




#29
 2,4-Dichlorophenol
 Concen: 50.844 ng
 RT: 11.28 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

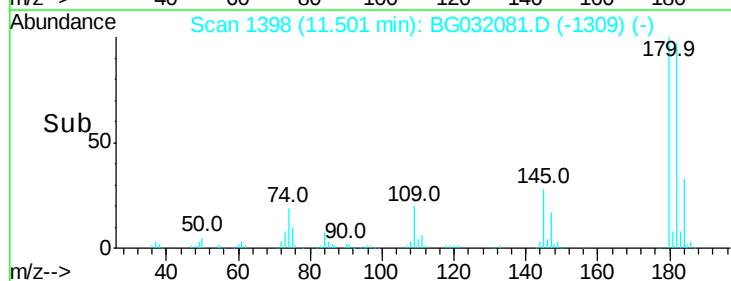
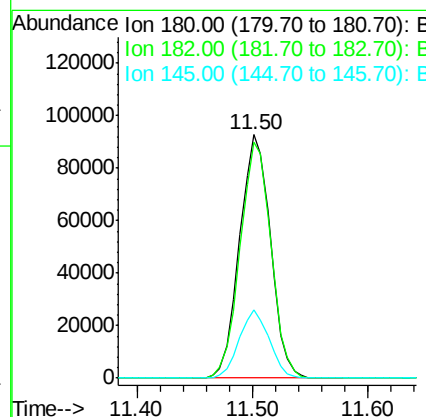
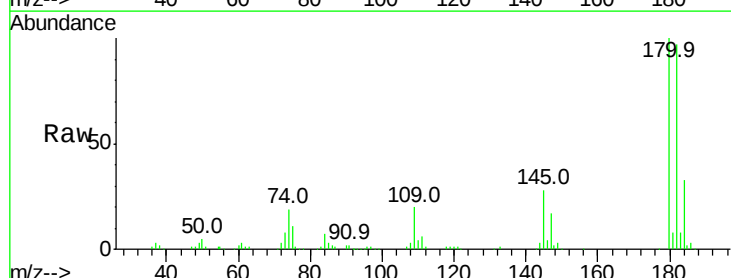
Instrument :
 BNA_G
 ClientSampled :

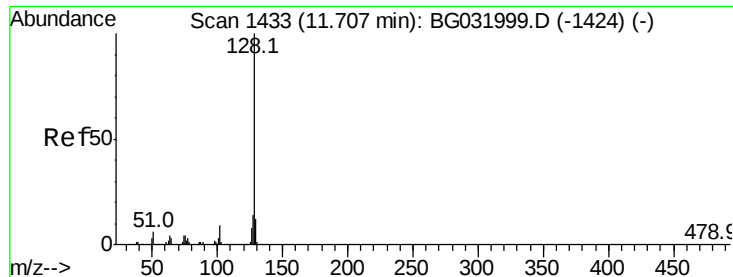
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.0	88.0
98	28.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.298 ng
 RT: 11.50 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.5	116.3
145	27.8	23.4	35.2

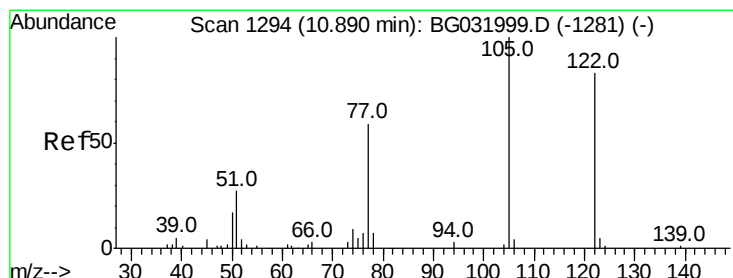
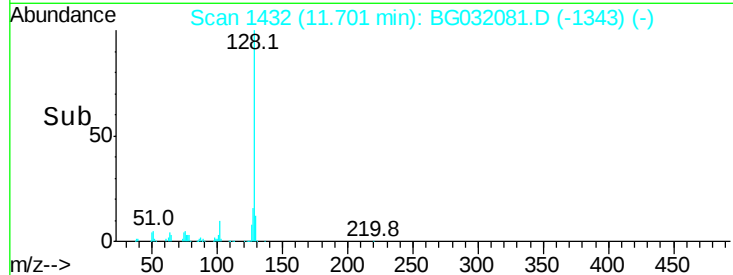
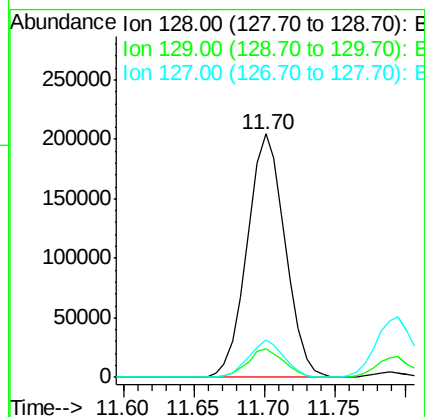
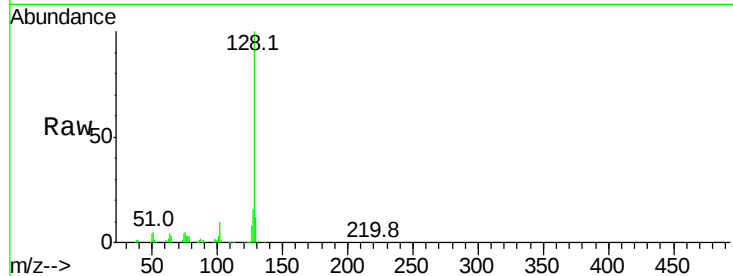




#31
Naphthalene
Concen: 42.104 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

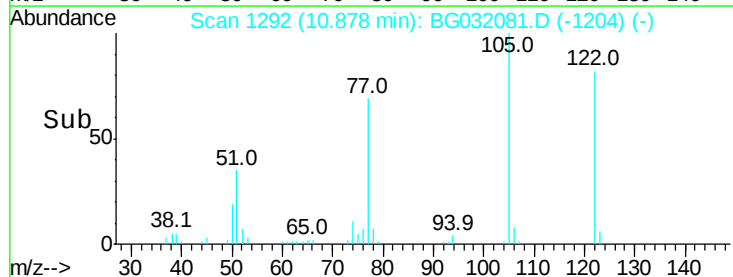
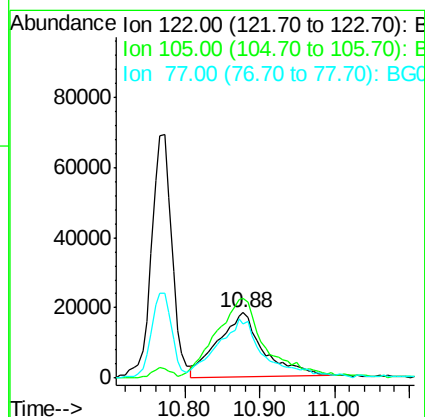
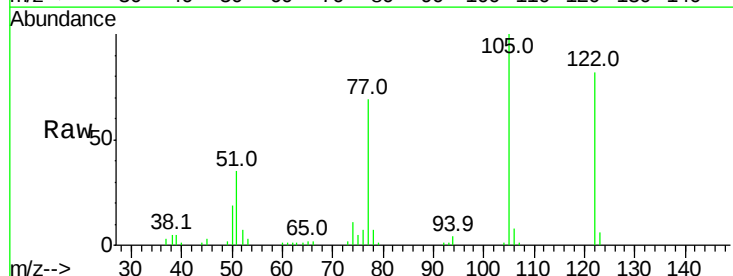
Instrument :
BNA_G
ClientSampleId :

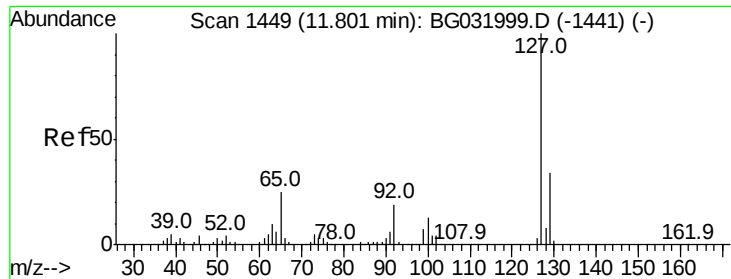
Tot Ion:128 Resp: 384370
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 15.6 11.6 17.4



#32
Benzoic acid
Concen: 38.769 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion:122 Resp: 77129
Ion Ratio Lower Upper
122 100
105 121.9 123.5 163.5#
77 83.6 85.7 125.7#

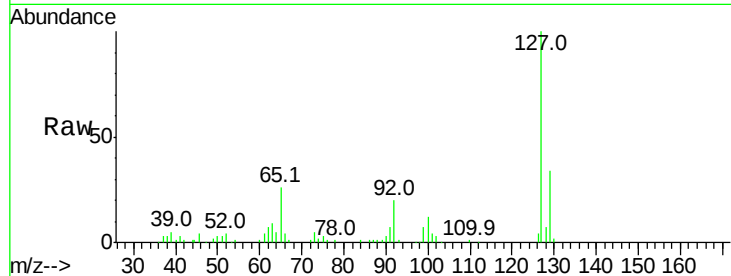




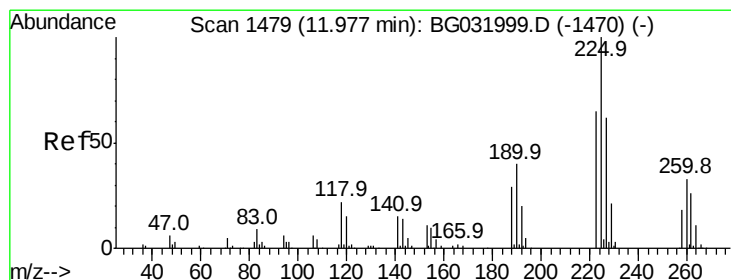
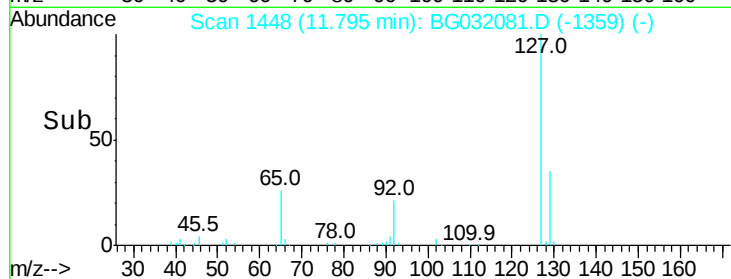
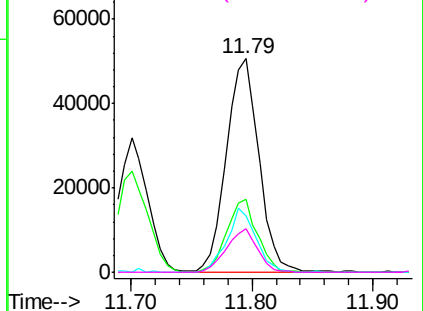
#33
4-Chloroaniline
Concen: 24.324 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	95222
Ion	Ratio	Lower	Upper
127	100		
129	34.4	24.0	36.0
65	26.1	27.0	40.4#
92	20.2	16.6	25.0

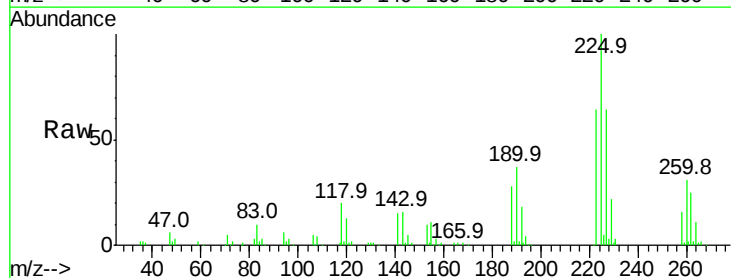


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

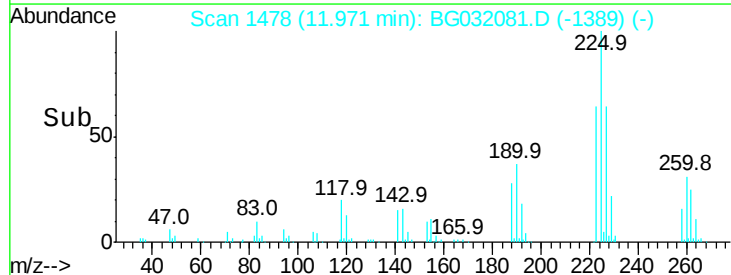
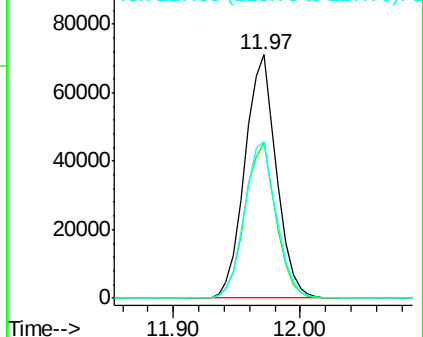


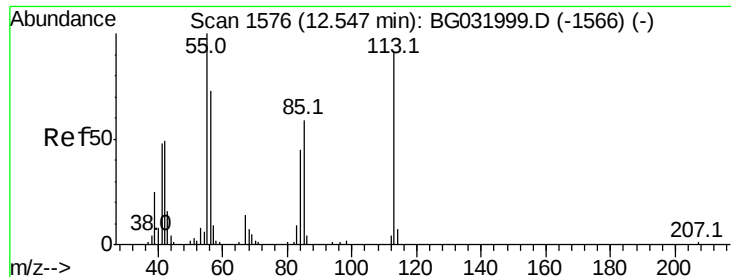
#34
Hexachlorobutadiene
Concen: 42.204 ng
RT: 11.97 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion:	225	Resp:	123069
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	64.3	48.1	72.1



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





#35

Caprolactam

Concen: 52.810 ng

RT: 12.55 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

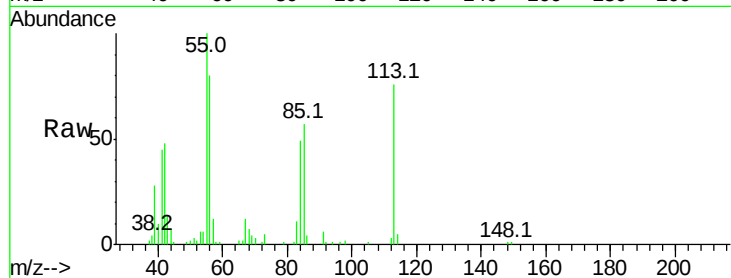
Tot Ion:113 Resp: 50365

Ion Ratio Lower Upper

113 100

55 131.3 186.9 226.9#

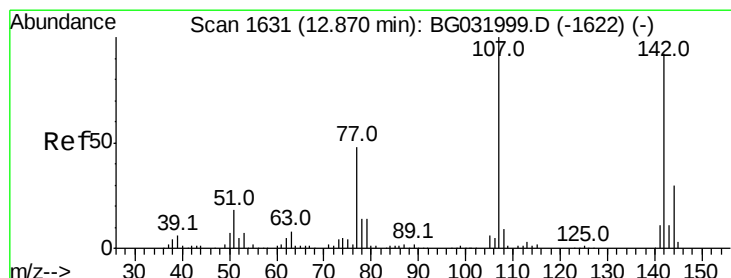
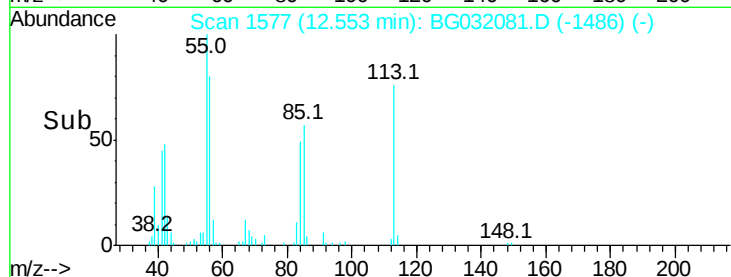
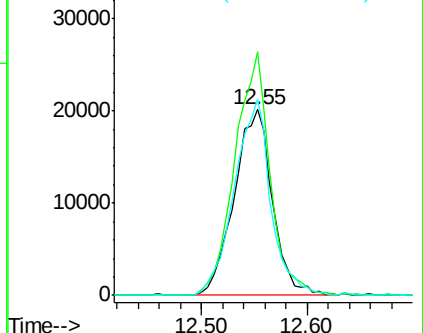
56 105.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 50.391 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

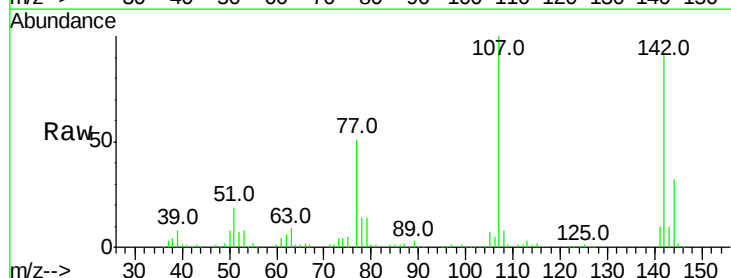
Tgt Ion:107 Resp: 144999

Ion Ratio Lower Upper

107 100

144 32.0 18.2 27.4#

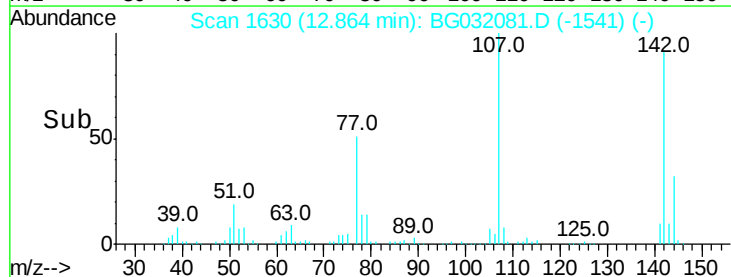
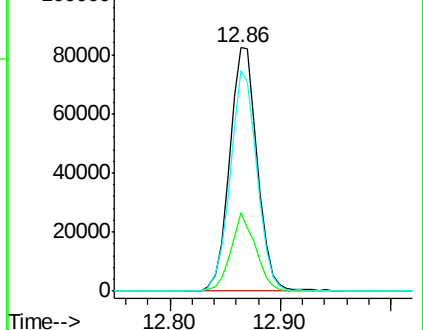
142 90.7 59.0 88.4#

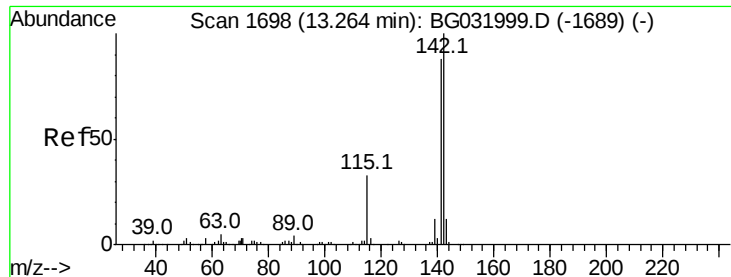


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

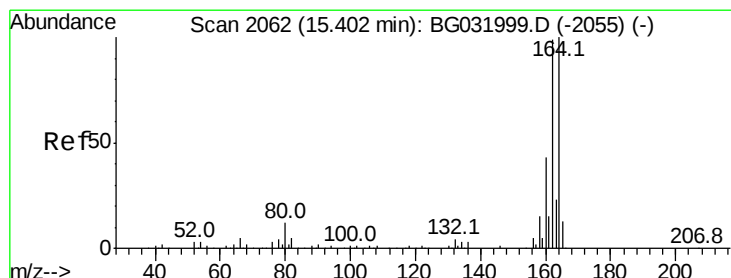
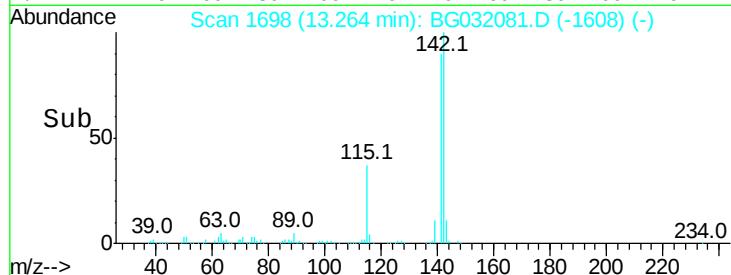
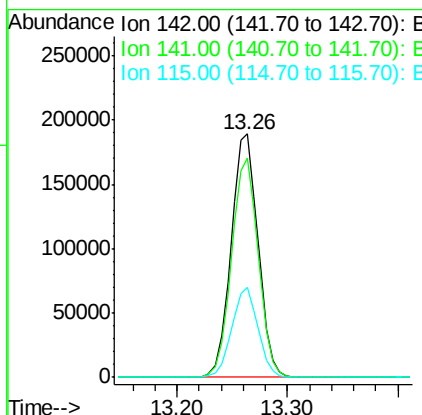
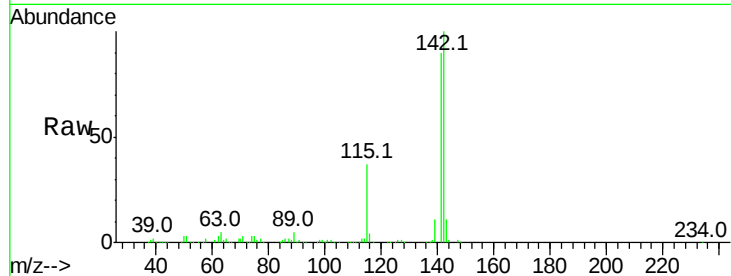




#37
2-Methylnaphthalene
Concen: 44.613 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

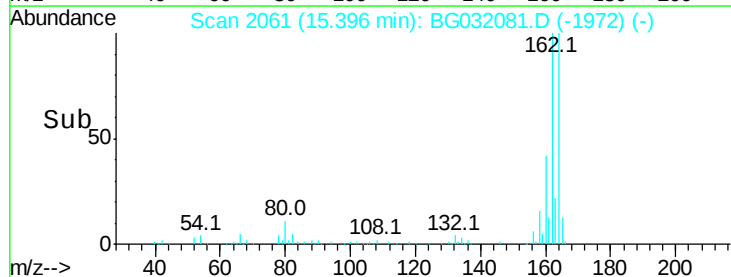
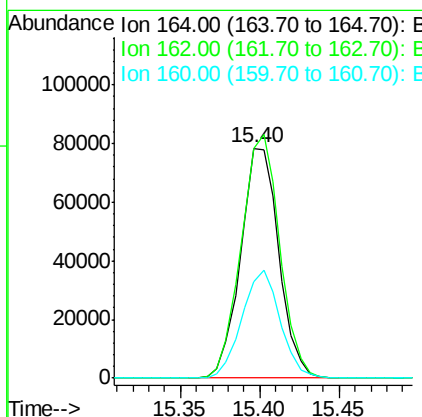
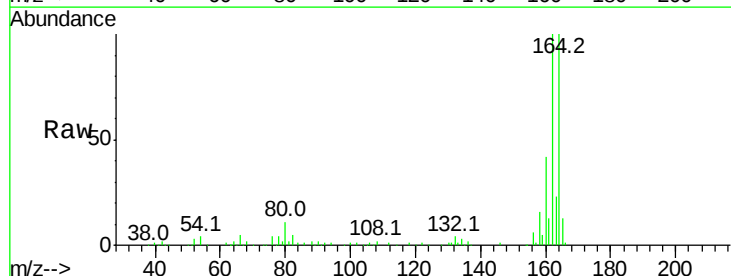
Instrument :
BNA_G
ClientSampleId :

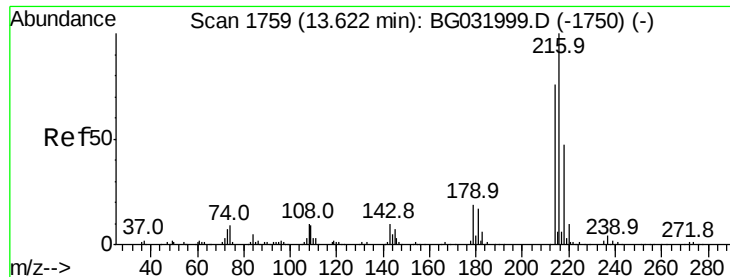
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	67.1	100.7
115	36.8	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	41.9	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.224 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 247272

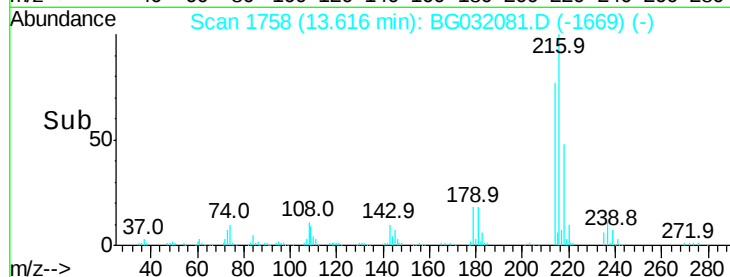
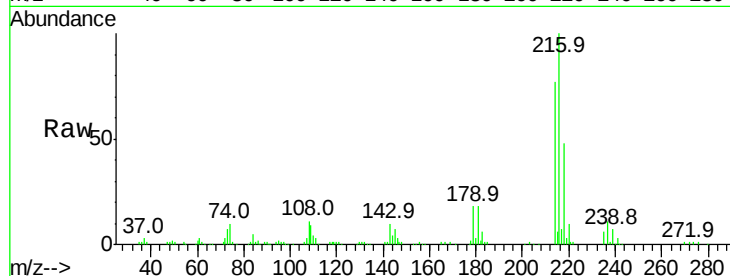
Ion Ratio Lower Upper

216 100

214 76.5 63.0 94.4

179 18.1 17.0 25.6

108 12.2 12.8 19.2#

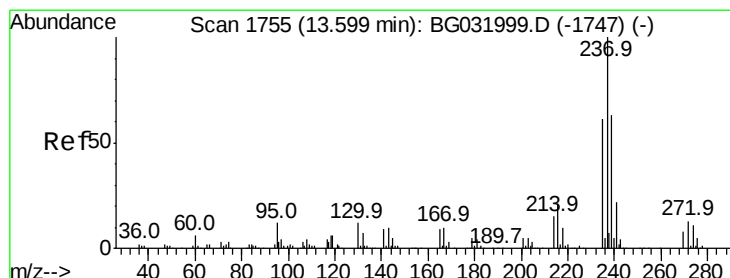
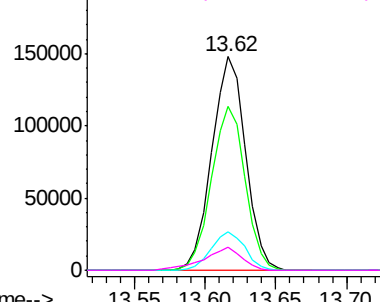


Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.939 ng

RT: 13.59 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

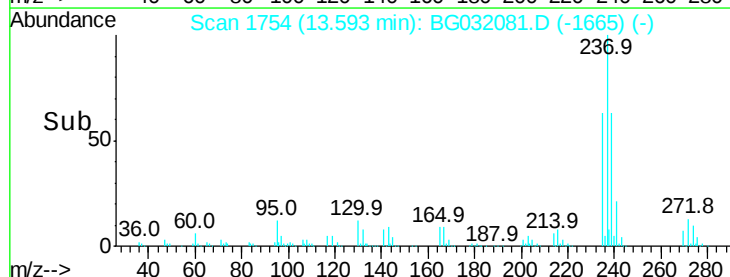
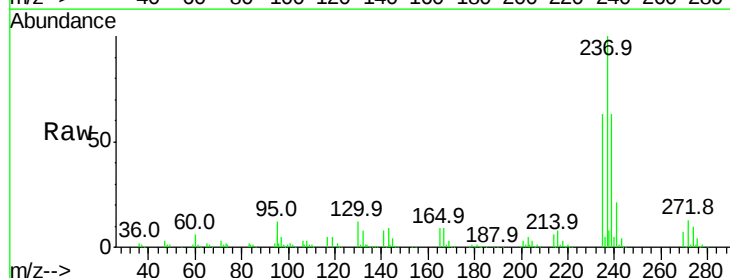
Tgt Ion:237 Resp: 315569

Ion Ratio Lower Upper

237 100

235 62.7 50.4 90.4

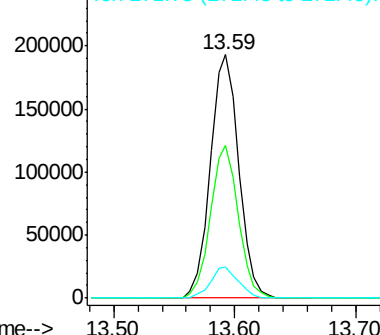
272 12.7 0.0 31.8

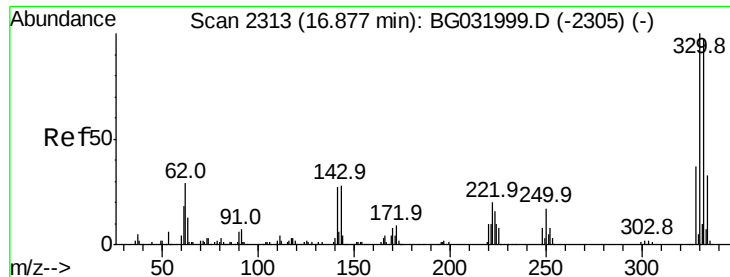


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 142.695 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG032081.D

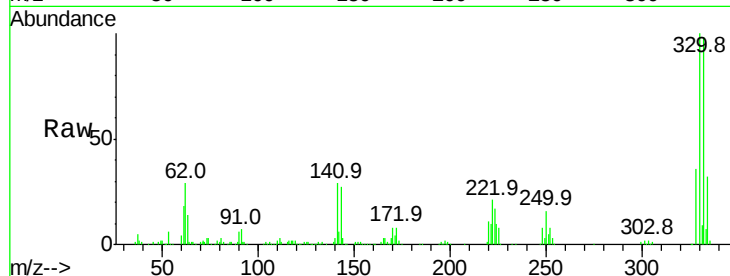
Acq: 16 Jan 2018 22:23

Instrument :

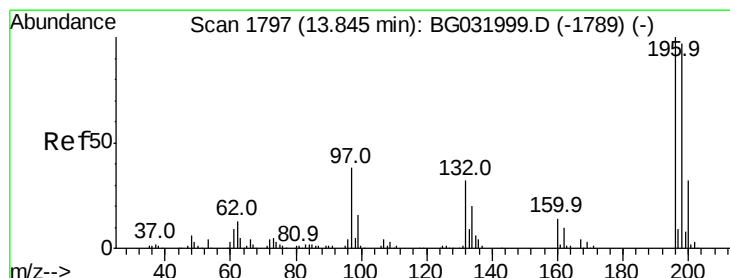
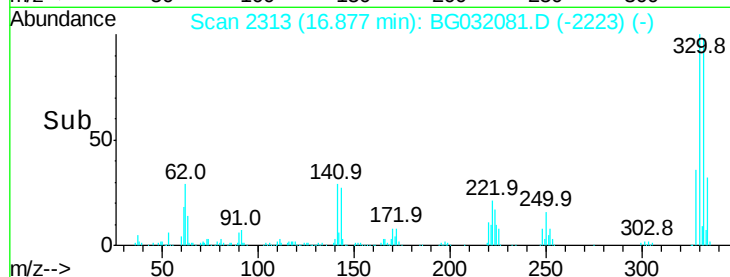
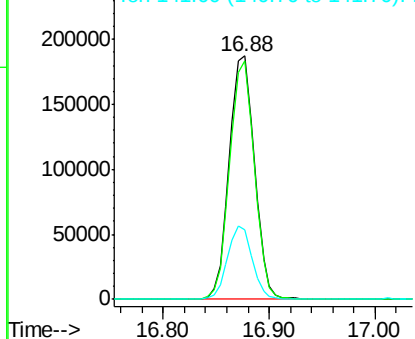
BNA_G

ClientSampled :

Tot Ion:	330	Resp:	309890
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.3	25.2	37.8



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



#42

2,4,6-Trichlorophenol

Concen: 48.217 ng

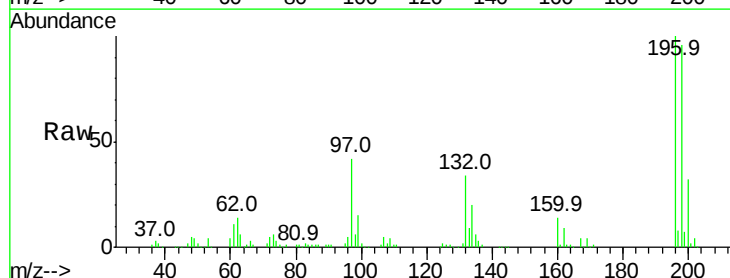
RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

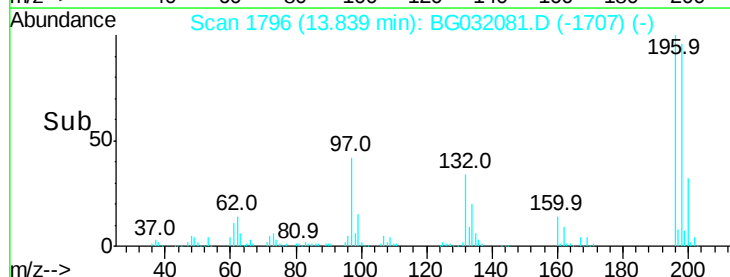
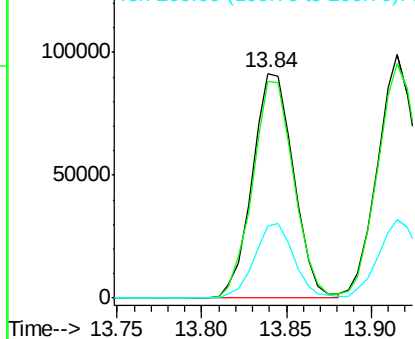
Lab File: BG032081.D

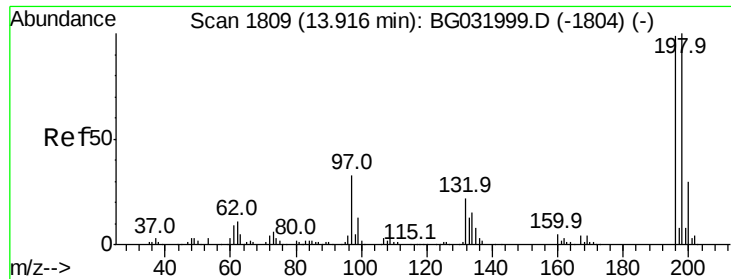
Acq: 16 Jan 2018 22:23

Tgt Ion:	196	Resp:	154985
Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.2	117.2
200	32.0	24.6	36.8



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

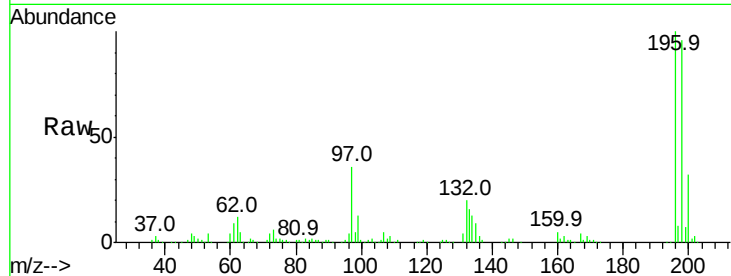




#43
 2,4,5-Trichlorophenol
 Concen: 45.118 ng
 RT: 13.92 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
97	35.7	38.7	58.1
132	20.2	20.2	30.2



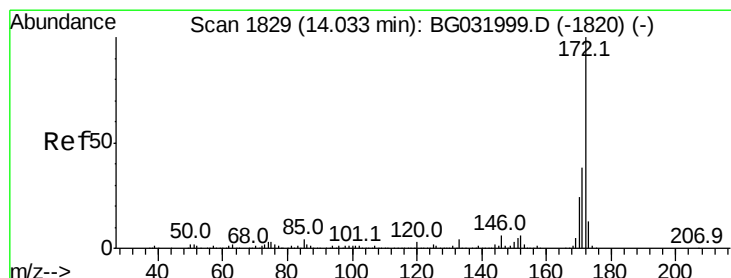
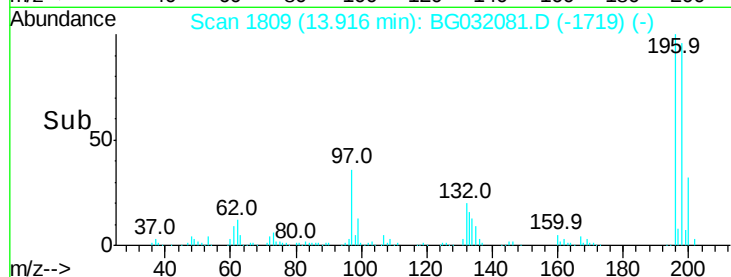
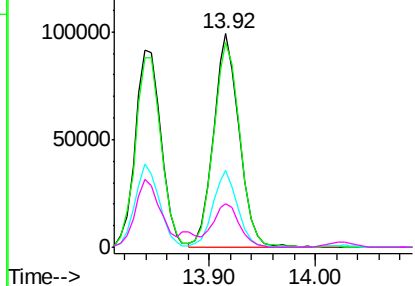
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.480 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

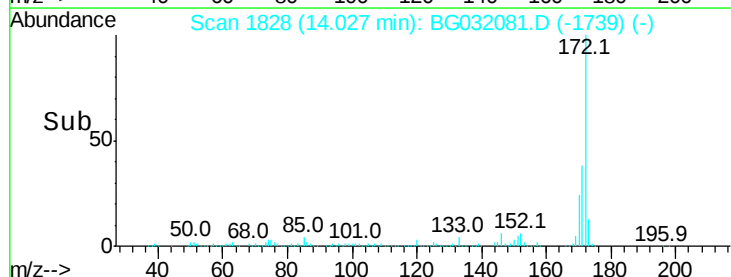
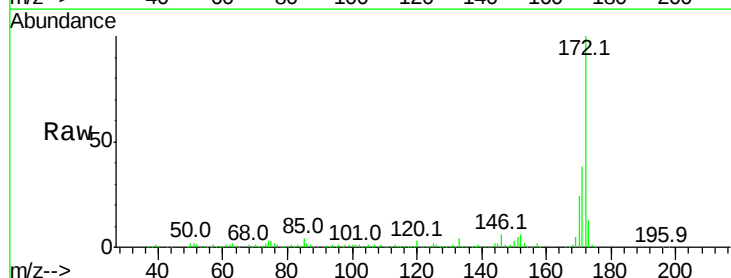
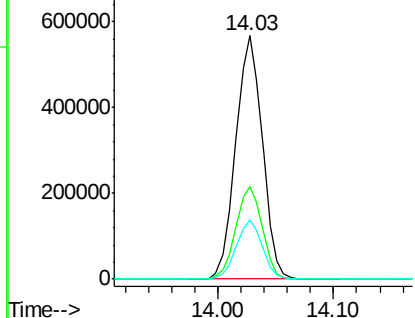
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.4	19.5	29.3

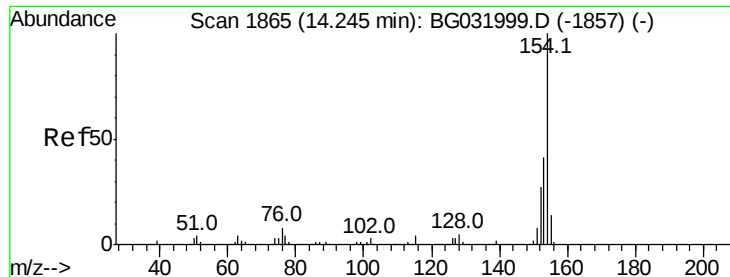
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

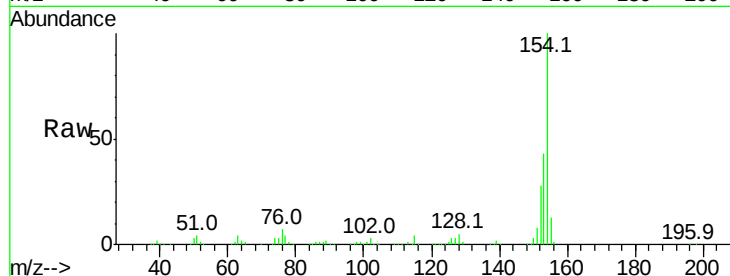




#45
 1,1'-Biphenyl
 Concen: 42.018 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	19.8	59.8
76	7.4	0.0	31.9

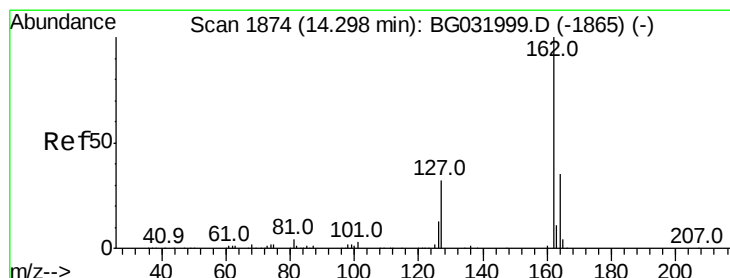
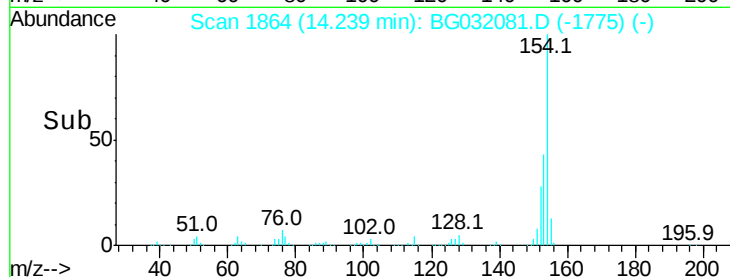
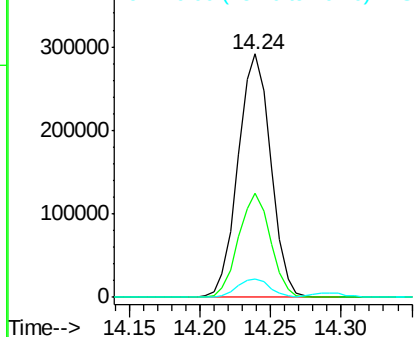


Abundance

Ion 154.00 (153.70 to 154.70): E

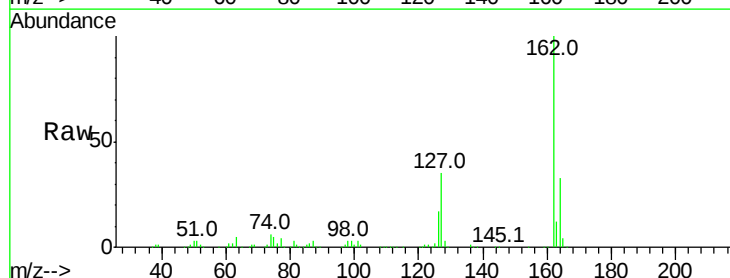
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 41.162 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	30.7	46.1
164	33.1	26.0	39.0

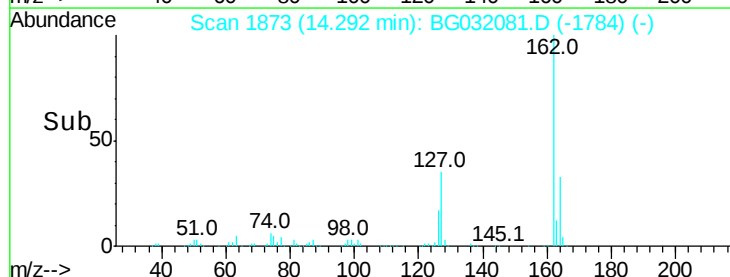
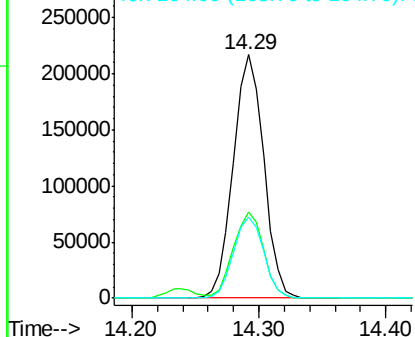


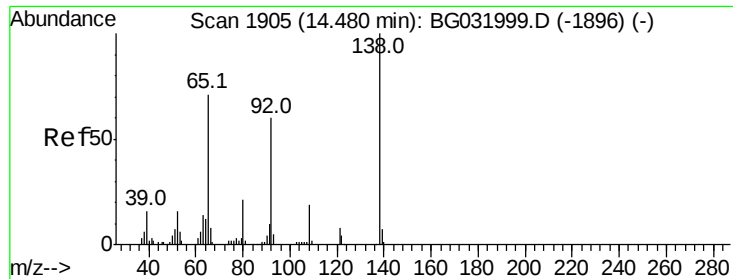
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

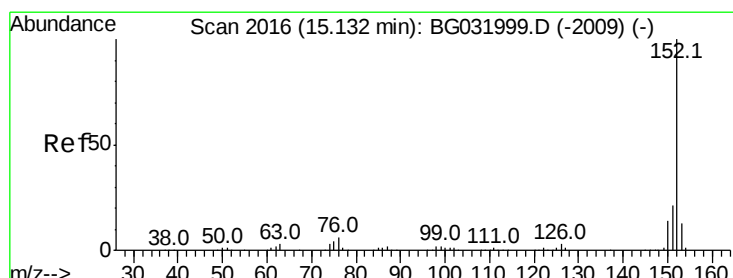
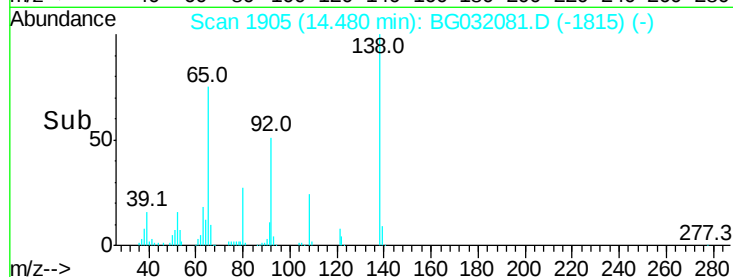
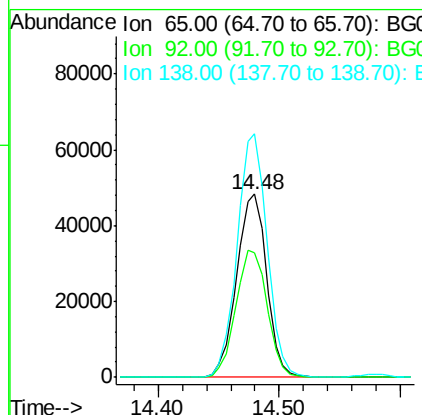
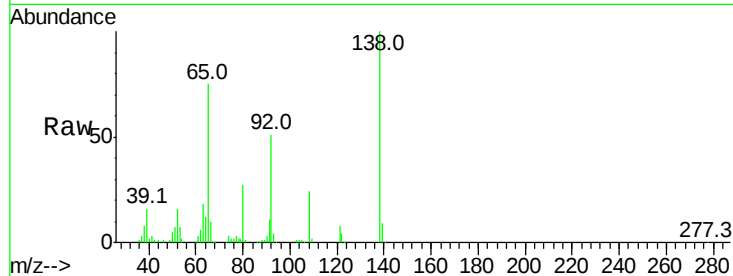




#47
2-Nitroaniline
Concen: 50.187 ng
RT: 14.48 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

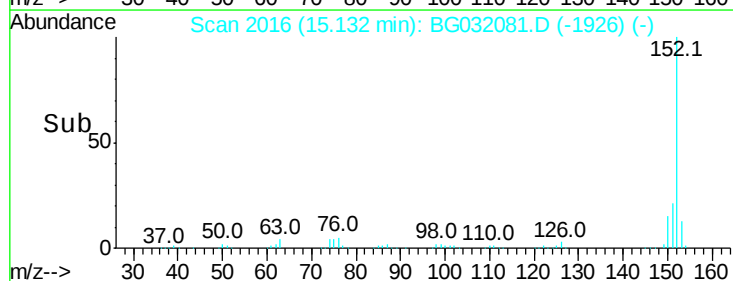
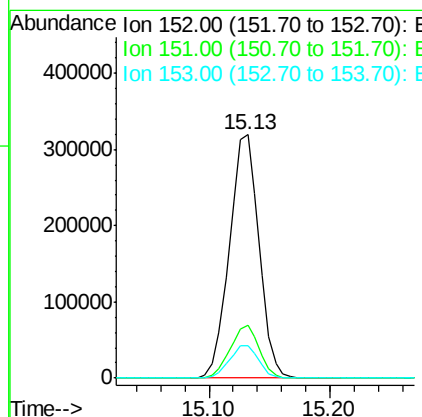
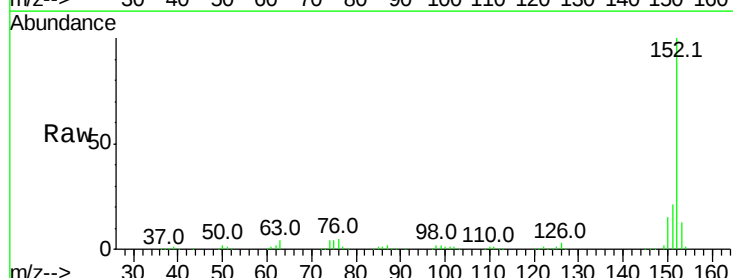
Instrument :
BNA_G
ClientSampleId :

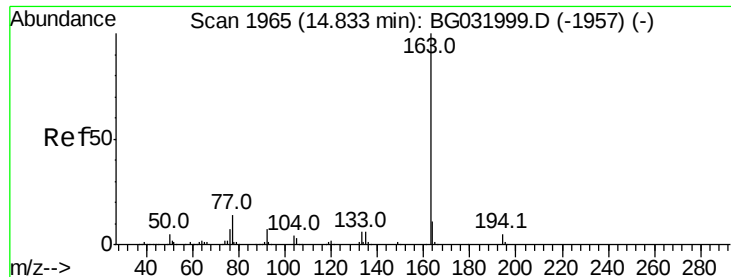
Tot Ion: 65 Resp: 84091
Ion Ratio Lower Upper
65 100
92 68.3 54.6 82.0
138 133.0 72.9 109.3#



#48
Acenaphthylene
Concen: 40.698 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion: 152 Resp: 542425
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 13.3 10.2 15.4

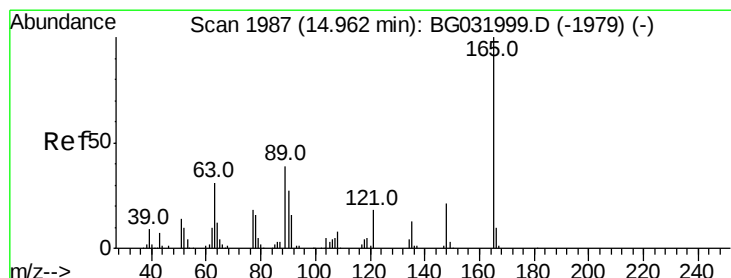
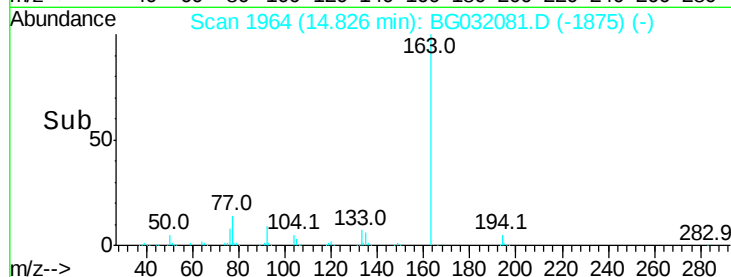
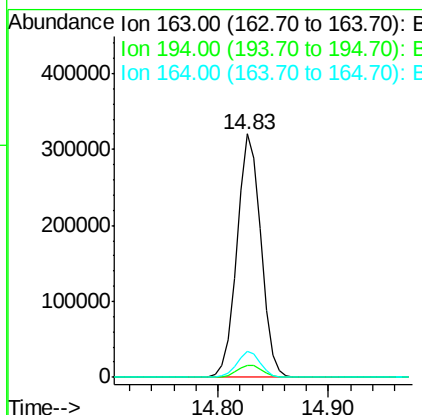
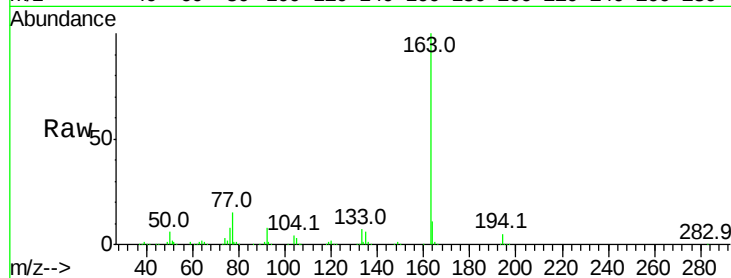




#49
Dimethylphthalate
Concen: 42.421 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

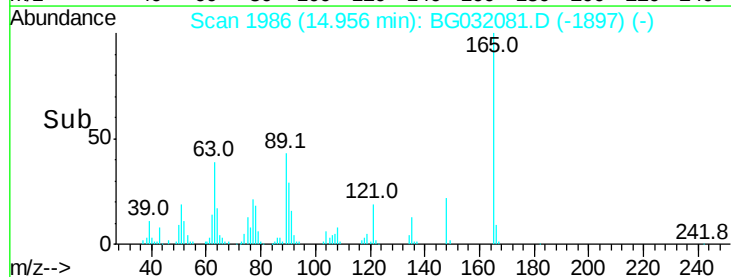
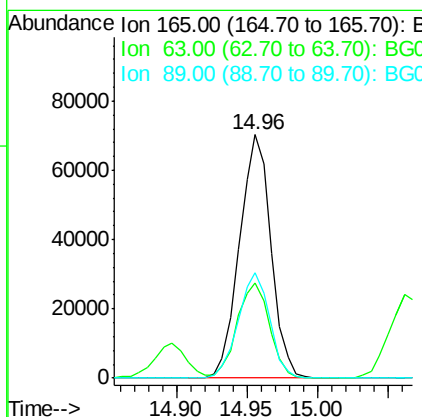
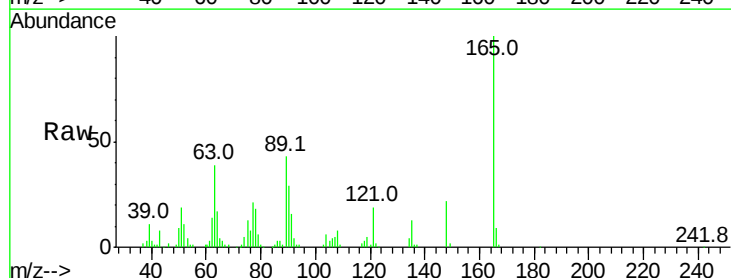
Instrument :
BNA_G
ClientSampleId :

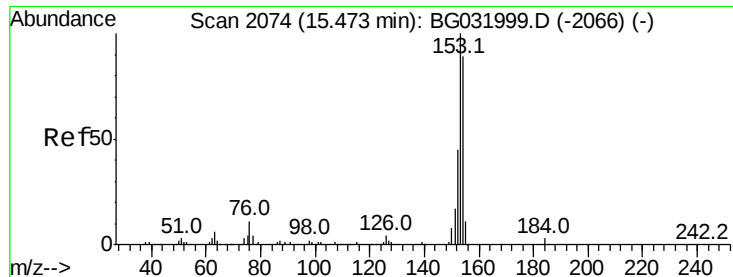
Tot Ion:163 Resp: 487186
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 10.6 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 45.870 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion:165 Resp: 109345
Ion Ratio Lower Upper
165 100
63 39.1 52.7 79.1#
89 43.4 49.2 73.8#





#51

Acenaphthene

Concen: 45.271 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

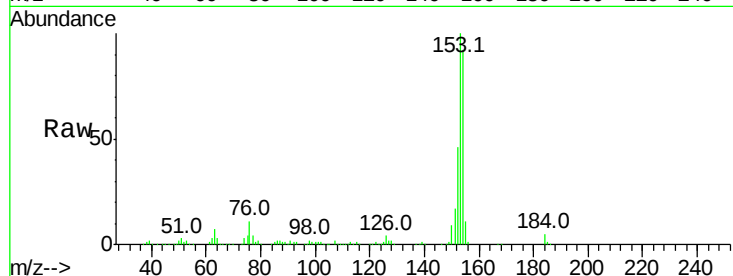
Tot Ion:154 Resp: 398982

Ion Ratio Lower Upper

154 100

153 108.5 90.4 135.6

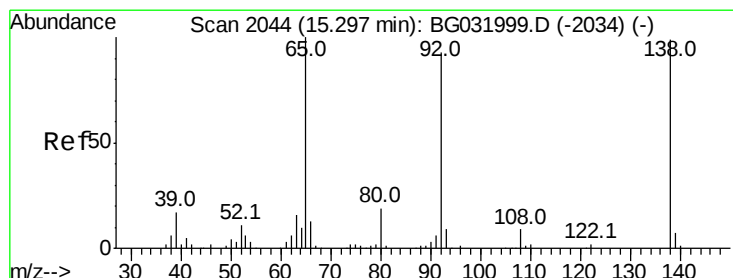
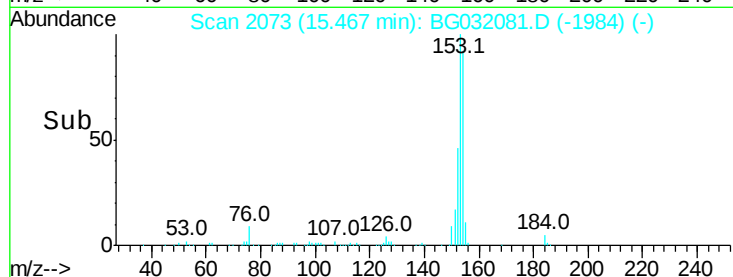
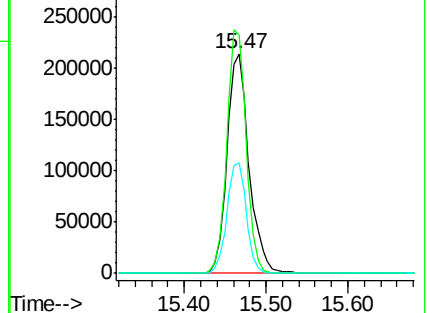
152 50.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.066 ng

RT: 15.28 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

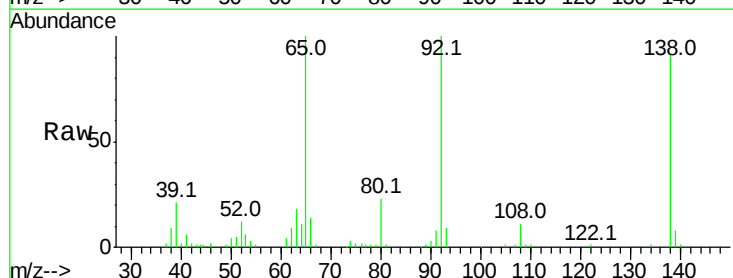
Tgt Ion:138 Resp: 64733

Ion Ratio Lower Upper

138 100

108 12.2 17.5 26.3#

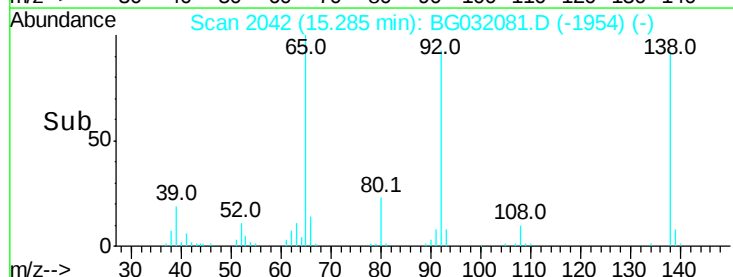
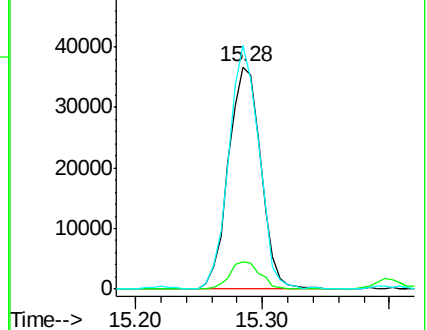
92 109.6 105.8 158.8

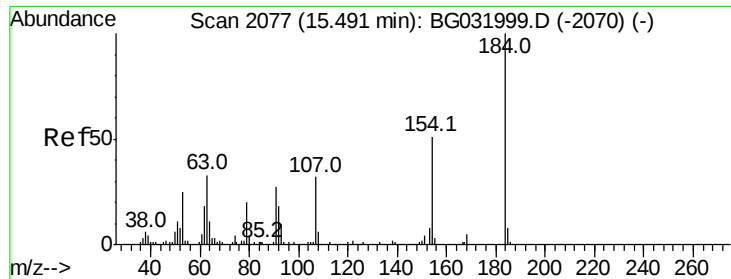


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

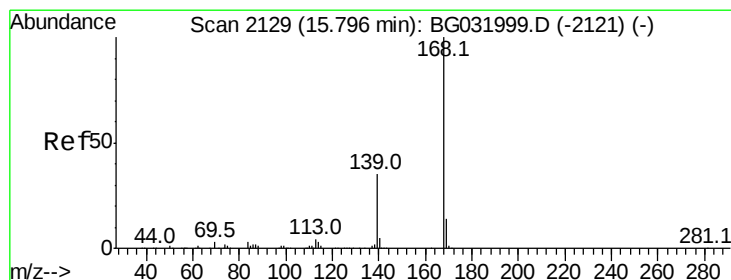
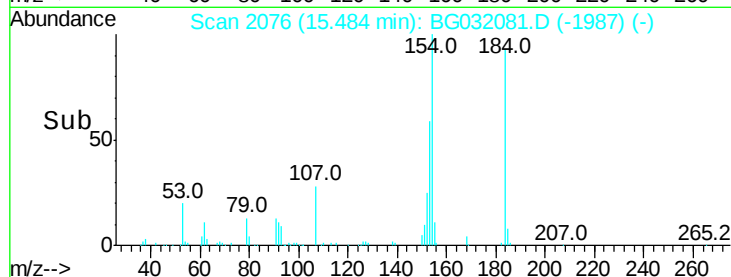
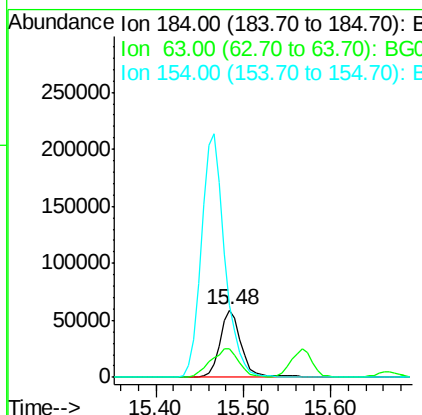
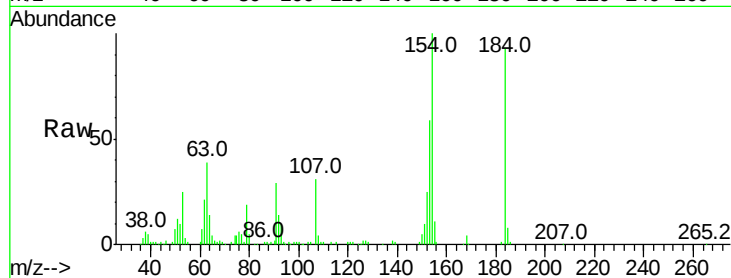




#53
 2,4-Dinitrophenol
 Concen: 83.930 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

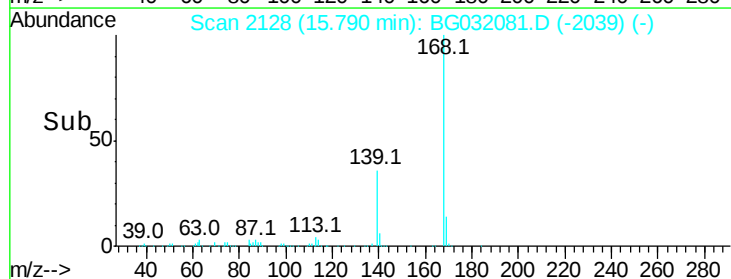
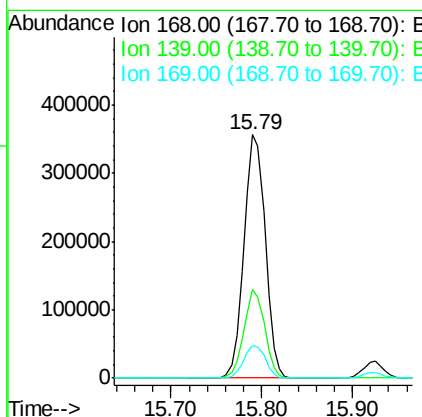
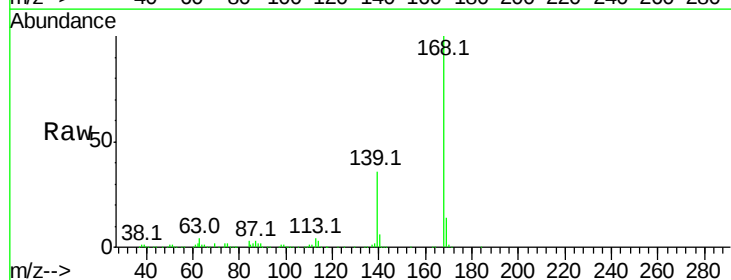
Instrument :
 BNA_G
 ClientSampled :

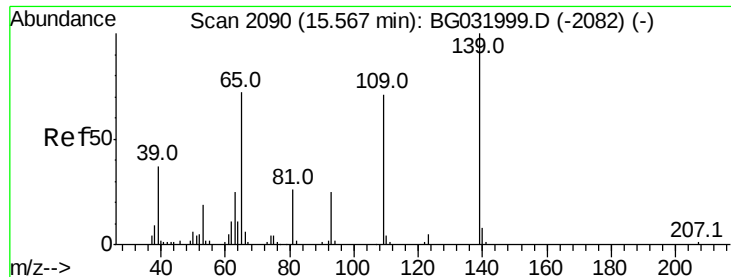
Tot Ion:184 Resp: 100811
 Ion Ratio Lower Upper
 184 100
 63 41.7 59.8 89.8#
 154 107.6 101.8 152.8



#54
 Dibenzofuran
 Concen: 43.983 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Tgt Ion:168 Resp: 578245
 Ion Ratio Lower Upper
 168 100
 139 36.3 28.6 43.0
 169 13.5 11.2 16.8

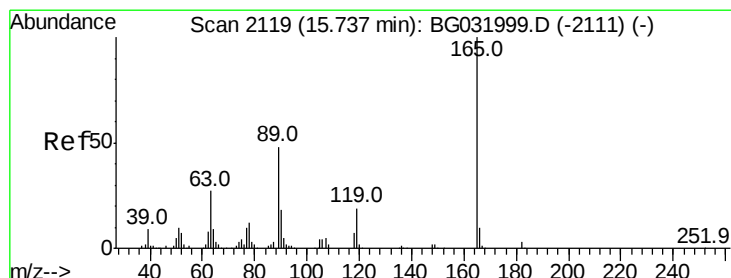
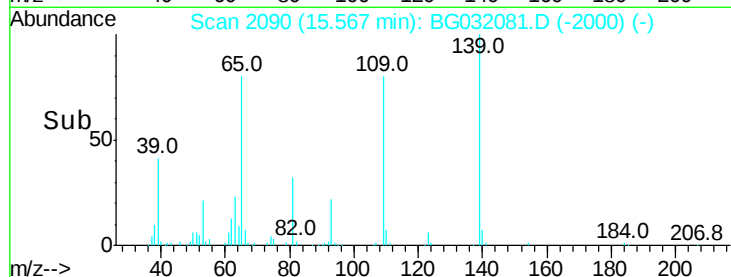
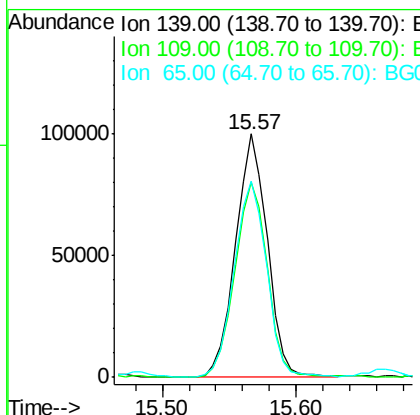
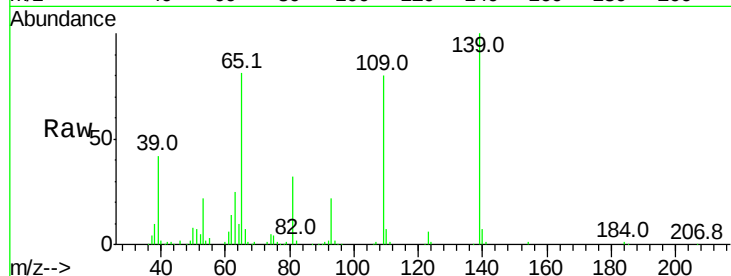




#55
4-Nitrophenol
Concen: 105.107 ng
RT: 15.57 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

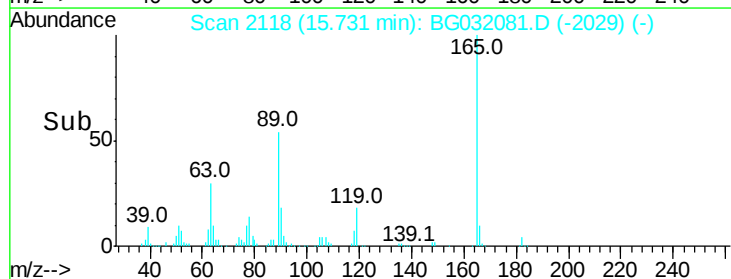
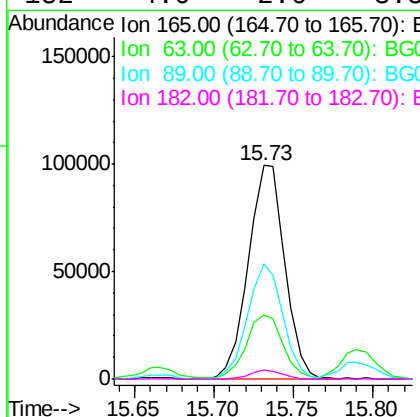
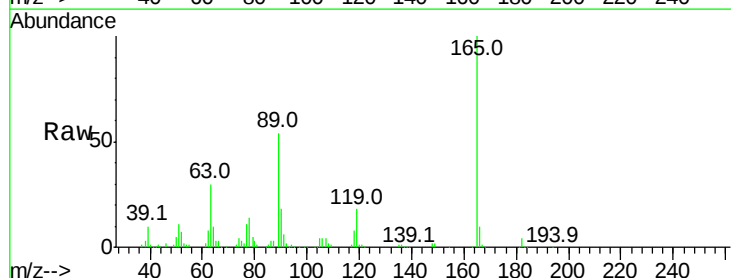
Instrument :
BNA_G
ClientSampleId :

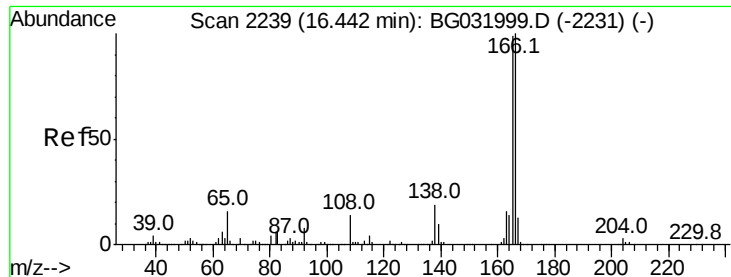
Tot Ion	Ratio	Lower	Upper
139	100		
109	80.0	62.2	102.2
65	80.6	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 49.590 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.9	42.0	63.0#
89	53.7	66.9	100.3#
182	4.0	2.6	3.8#

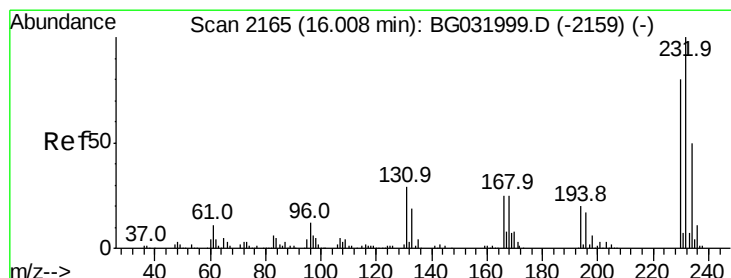
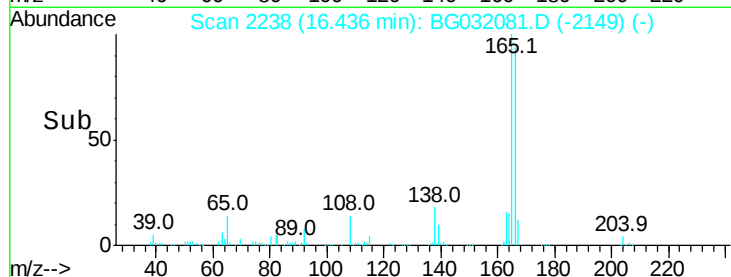
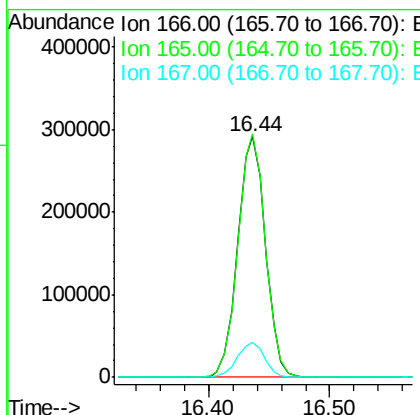
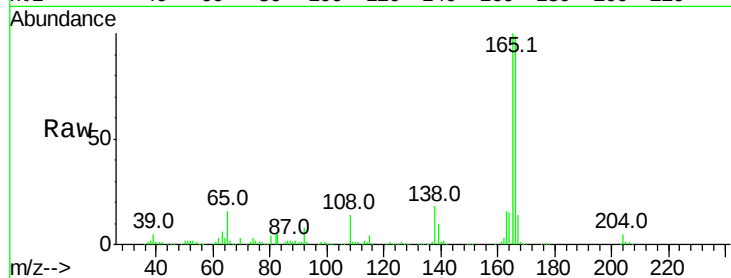




#57
 Fluorene
 Concen: 43.324 ng
 RT: 16.44 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

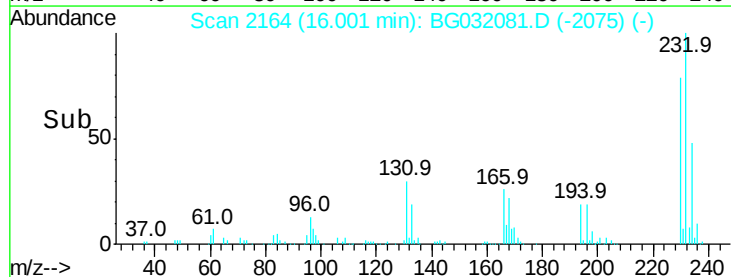
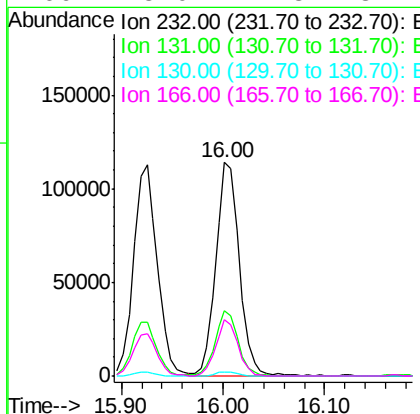
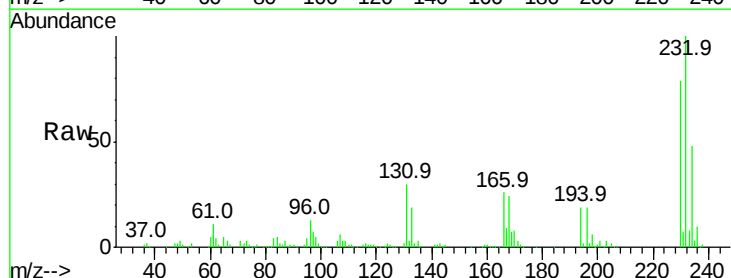
Instrument :
 BNA_G
 ClientSampleId :

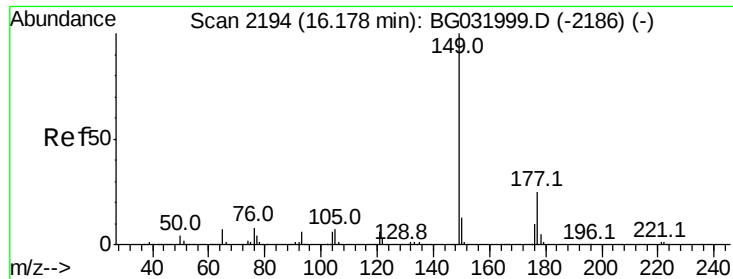
Tot Ion:166 Resp: 467142
 Ion Ratio Lower Upper
 166 100
 165 101.3 80.6 121.0
 167 14.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.963 ng
 RT: 16.00 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Tgt Ion:232 Resp: 182292
 Ion Ratio Lower Upper
 232 100
 131 30.1 33.5 50.3#
 130 1.9 2.2 3.2#
 166 25.0 24.8 37.2

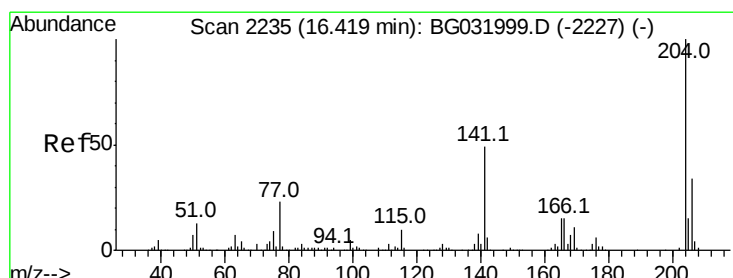
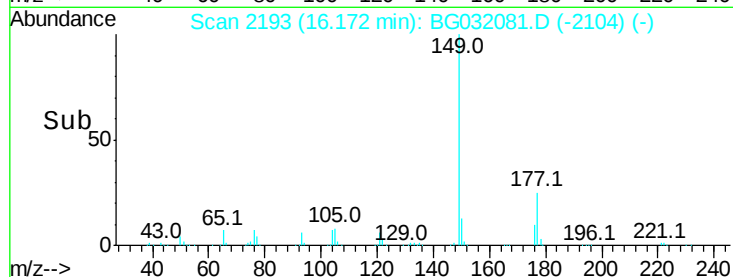
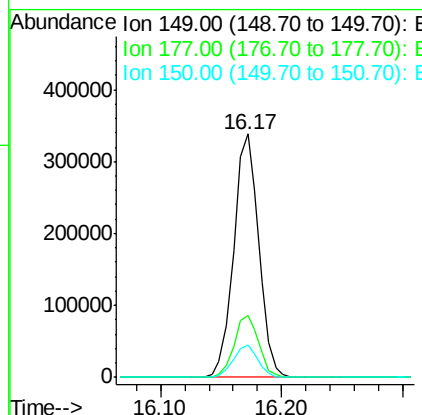
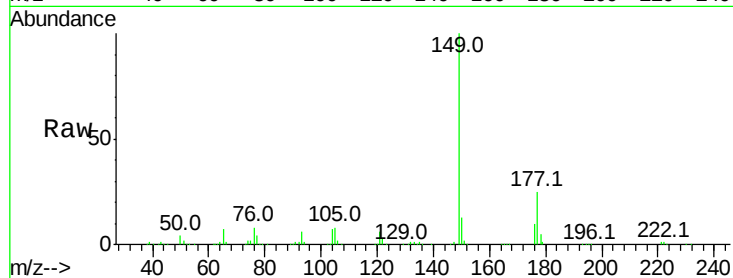




#59
Diethylphthalate
Concen: 43.748 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

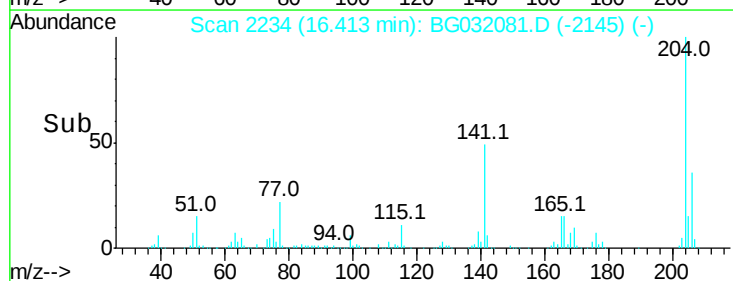
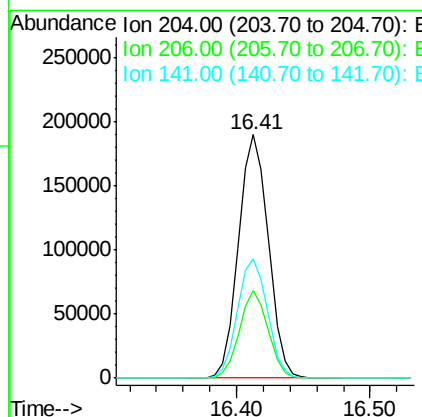
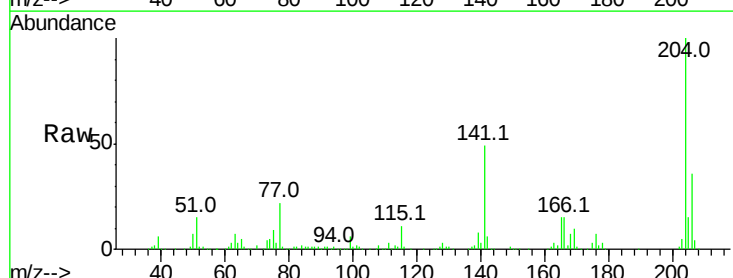
Instrument :
BNA_G
ClientSampled :

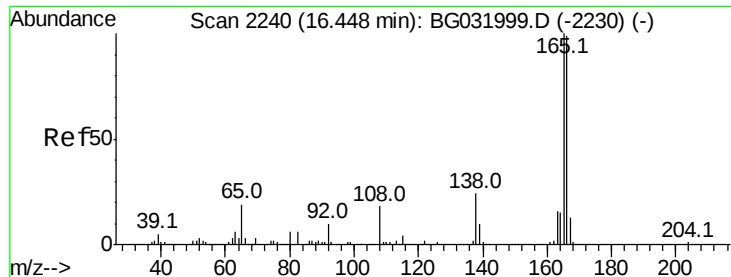
Tot Ion:149 Resp: 487072
Ion Ratio Lower Upper
149 100
177 25.3 18.5 27.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.404 ng
RT: 16.41 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion:204 Resp: 293705
Ion Ratio Lower Upper
204 100
206 36.1 26.2 39.2
141 49.2 45.8 68.6

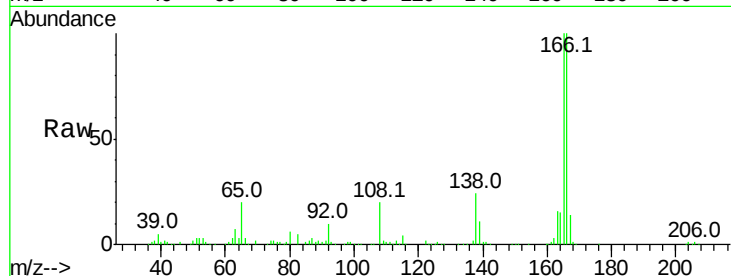




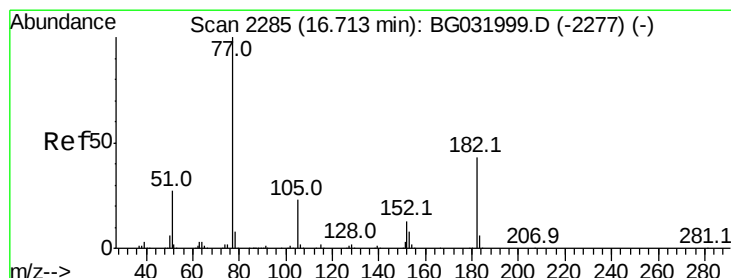
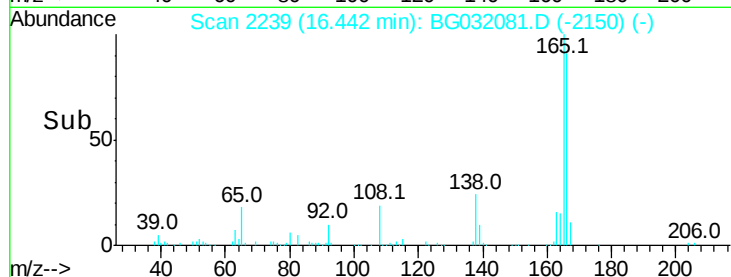
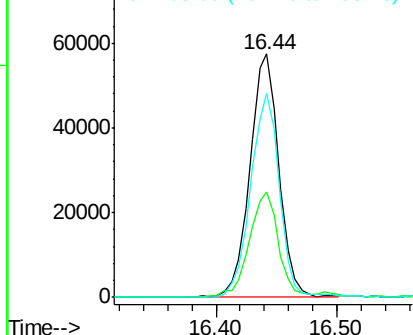
#61
4-Nitroaniline
Concen: 46.637 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 96318
Ion Ratio Lower Upper
138 100
92 43.4 40.1 80.1
108 83.6 65.4 105.4

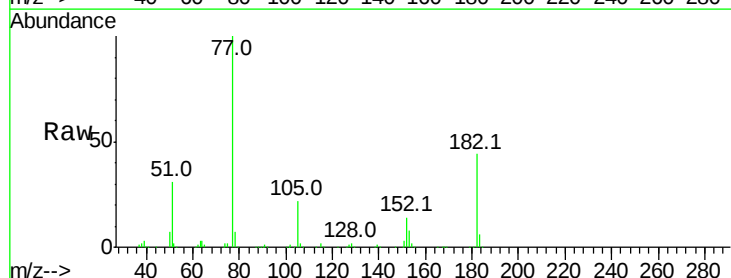


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

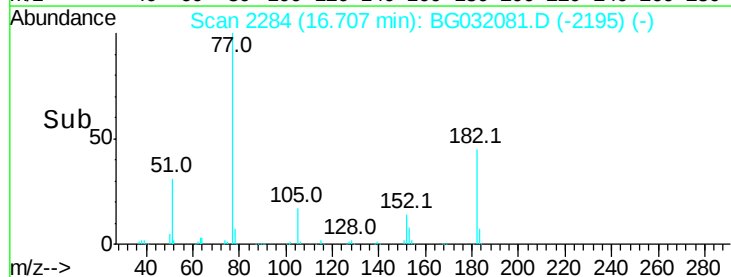
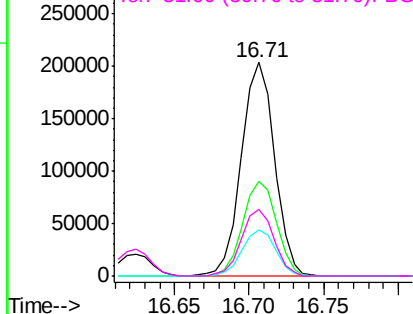


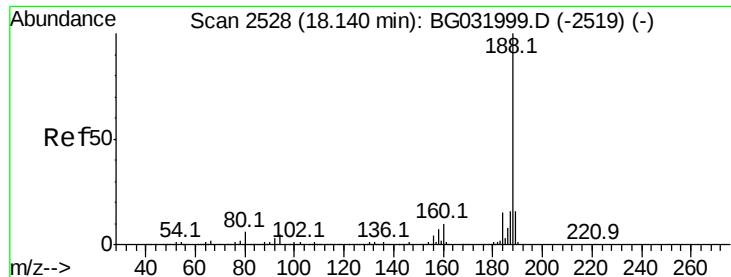
#62
Azobenzene
Concen: 44.827 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion: 77 Resp: 312386
Ion Ratio Lower Upper
77 100
182 44.4 7.4 47.4
105 21.8 0.3 40.3
51 31.0 11.6 51.6



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

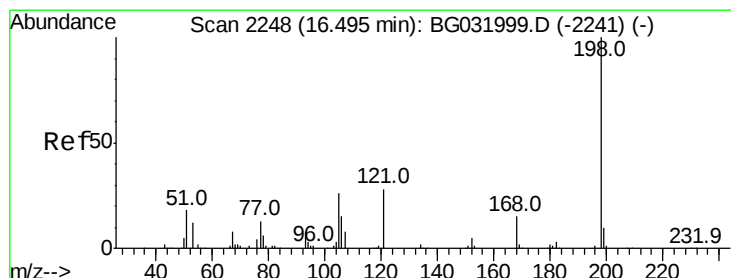
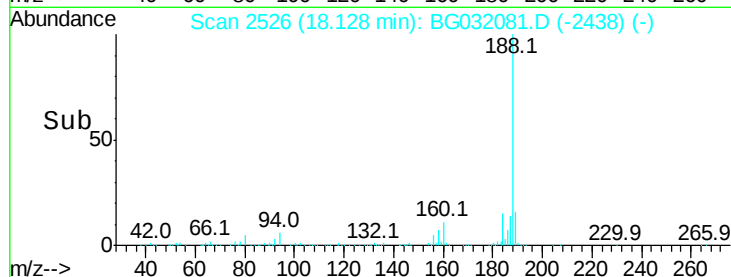
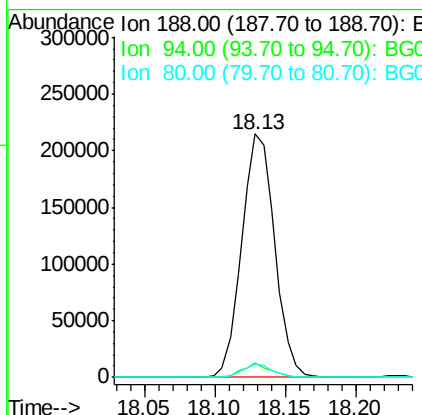
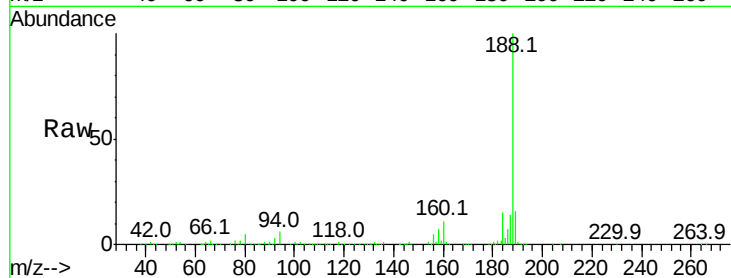




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

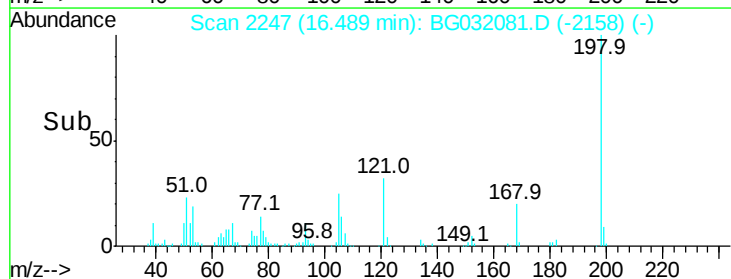
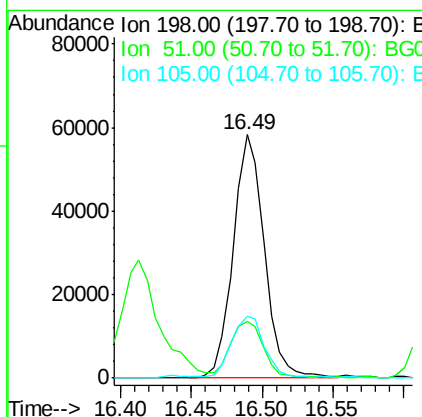
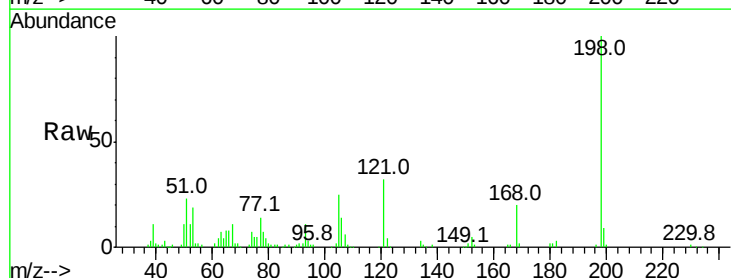
Instrument :
BNA_G
ClientSampleId :

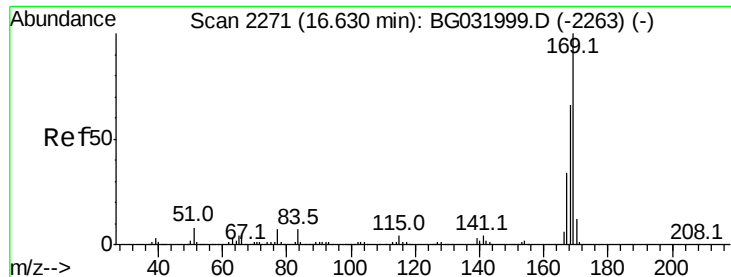
Tot Ion:188 Resp: 350217
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 5.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.775 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion:198 Resp: 89568
Ion Ratio Lower Upper
198 100
51 23.2 30.6 70.6#
105 25.3 23.8 63.8

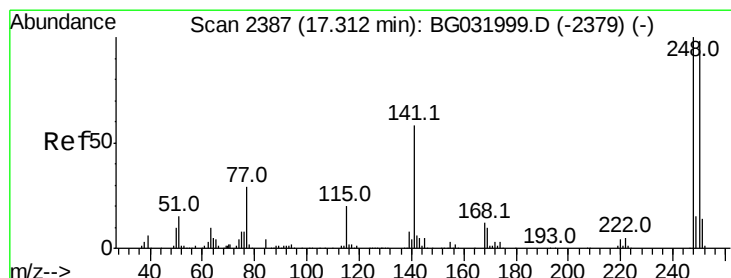
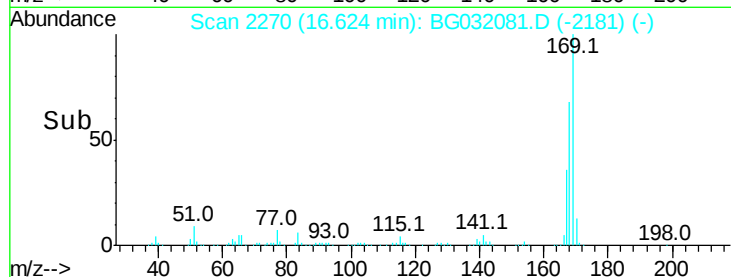
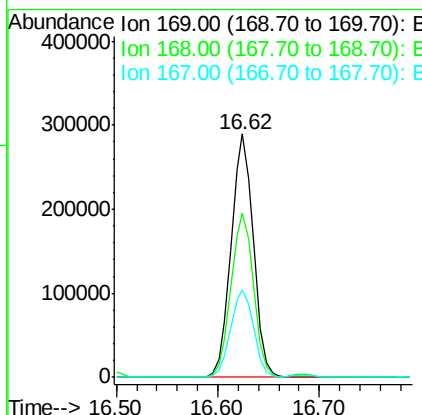
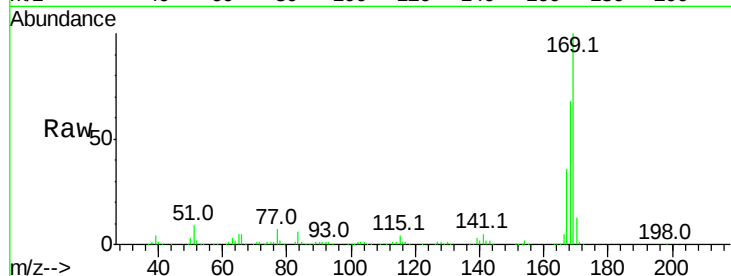




#65
 n-Nitrosodiphenylamine
 Concen: 41.369 ng
 RT: 16.62 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

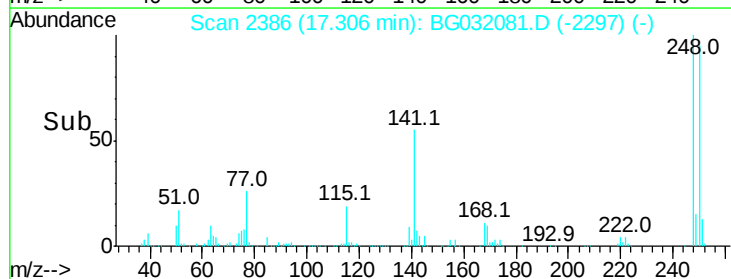
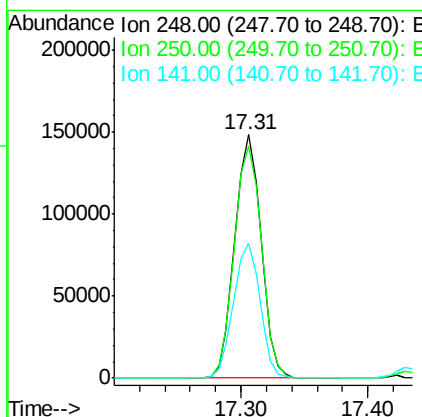
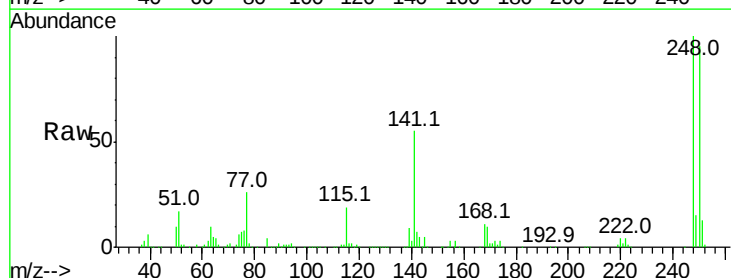
Instrument :
 BNA_G
 ClientSampleId :

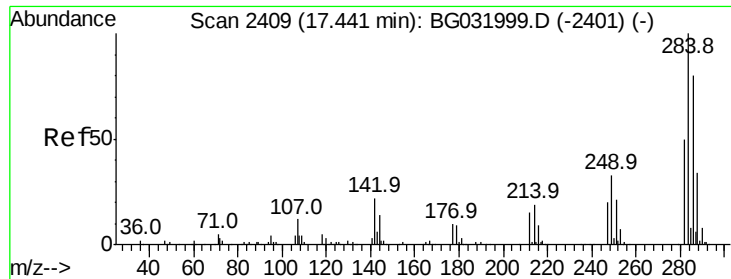
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.7	83.5
167	36.0	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 42.964 ng
 RT: 17.31 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.1	115.7
141	55.4	50.8	76.2

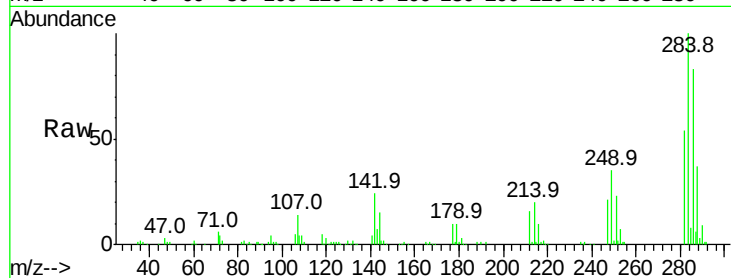




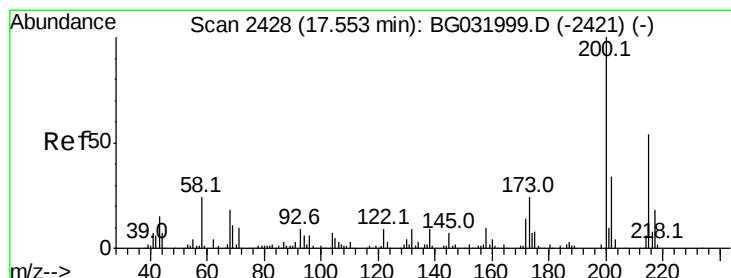
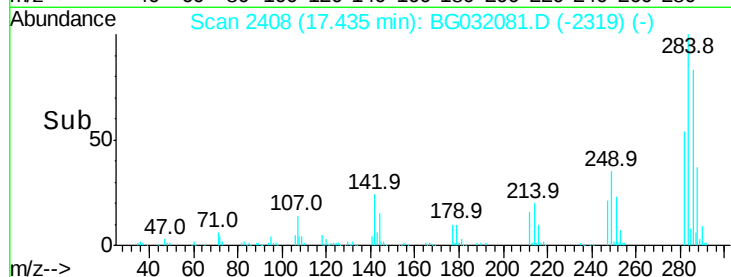
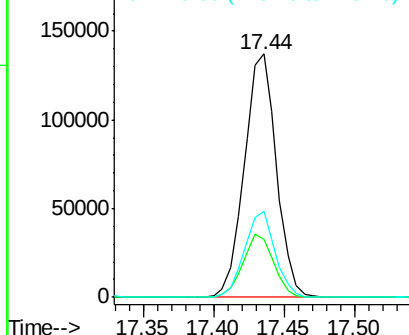
#67
Hexachlorobenzene
Concen: 39.519 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 217865
Ion Ratio Lower Upper
284 100
142 23.8 26.8 40.2#
249 35.5 26.3 39.5

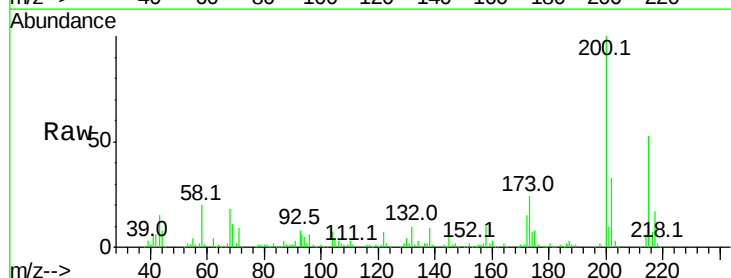


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

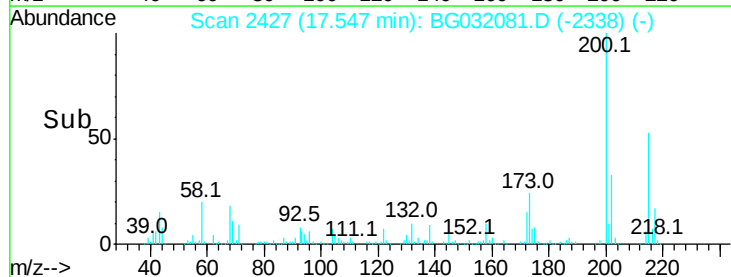
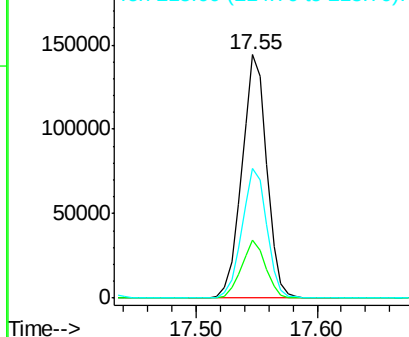


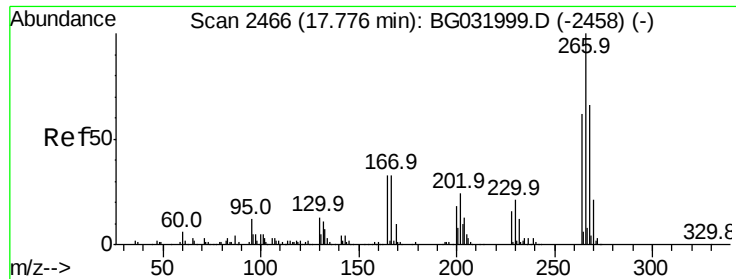
#68
Atrazine
Concen: 46.254 ng
RT: 17.55 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion:200 Resp: 206715
Ion Ratio Lower Upper
200 100
173 24.1 5.2 45.2
215 53.5 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

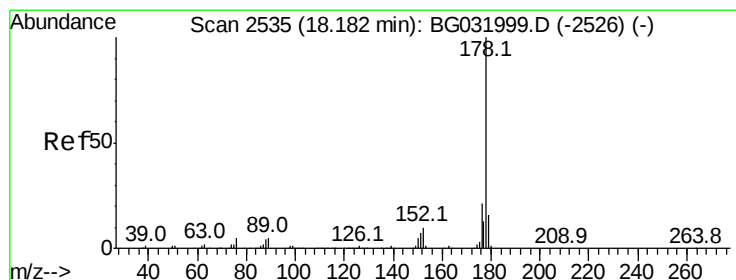
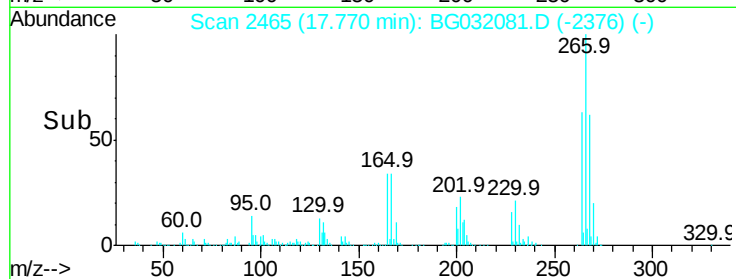
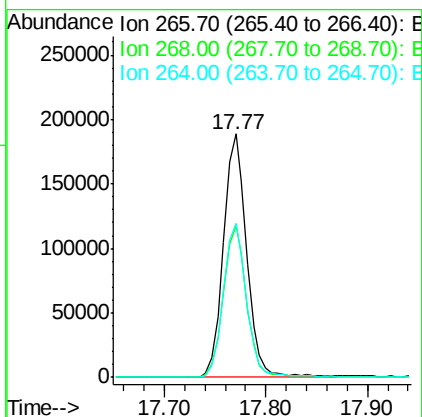
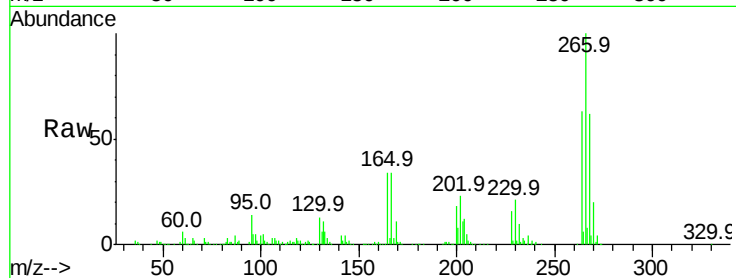




#69
 Pentachlorophenol
 Concen: 85.088 ng
 RT: 17.77 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

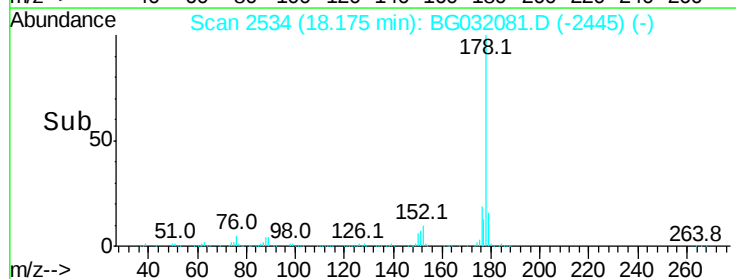
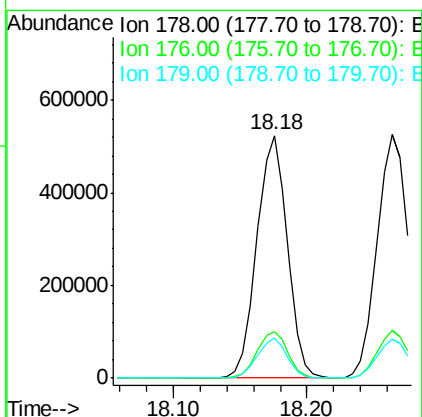
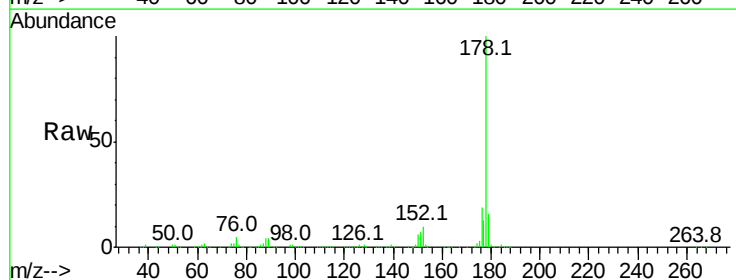
Instrument :
 BNA_G
 ClientSampled :

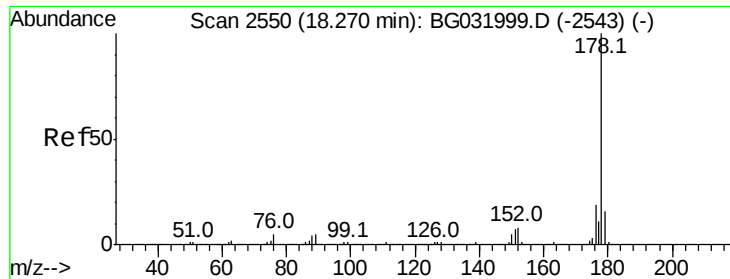
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	63.4	49.6	74.4



#70
 Phenanthrene
 Concen: 42.228 ng
 RT: 18.18 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.3	12.5	18.7

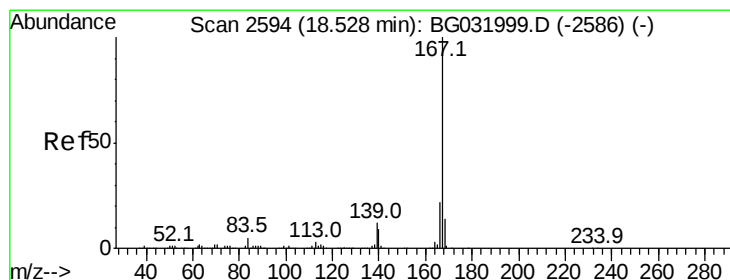
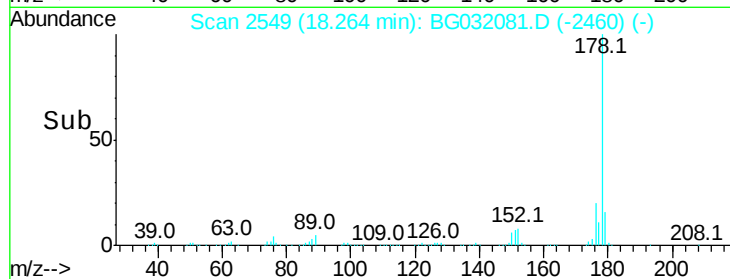
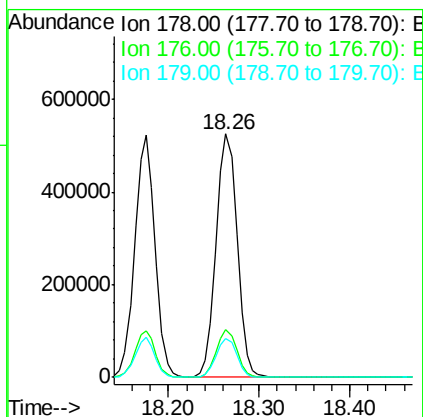
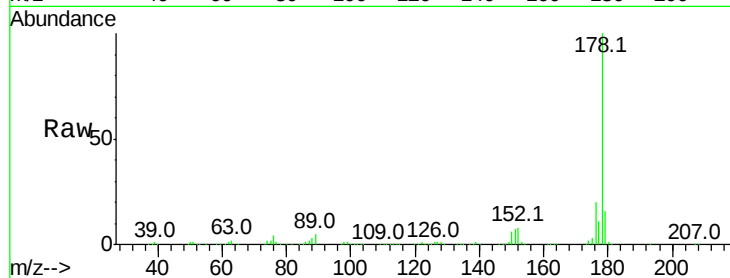




#71
 Anthracene
 Concen: 43.618 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

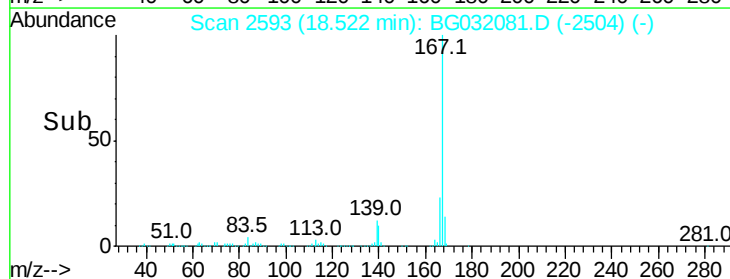
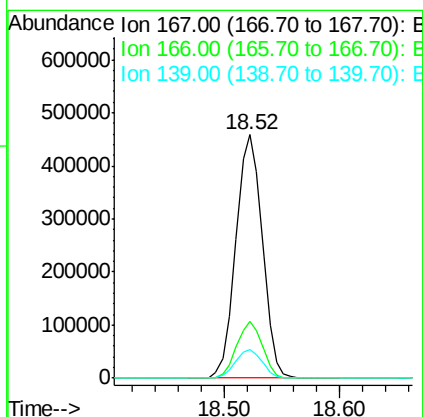
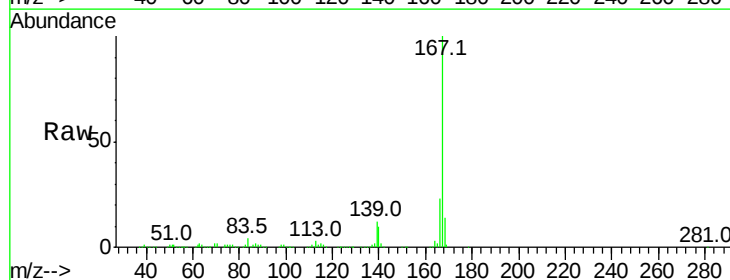
Instrument :
 BNA_G
 ClientSampleId :

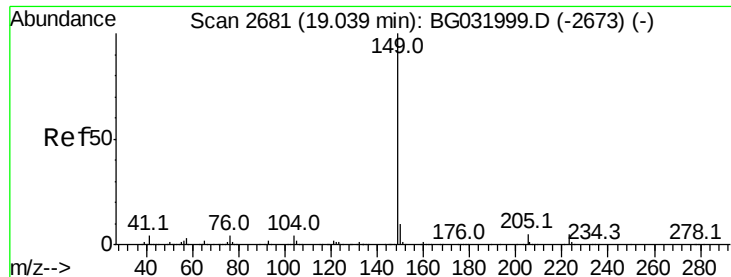
Tot Ion:178 Resp: 848270
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 43.228 ng
 RT: 18.52 min Scan# 2593
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Tgt Ion:167 Resp: 729284
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 11.9 9.4 14.2

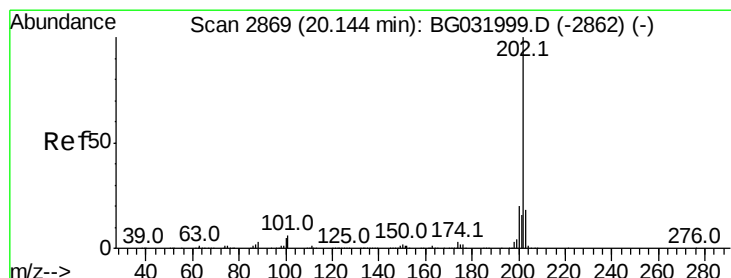
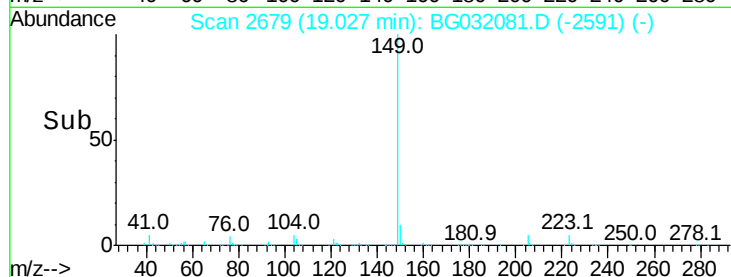
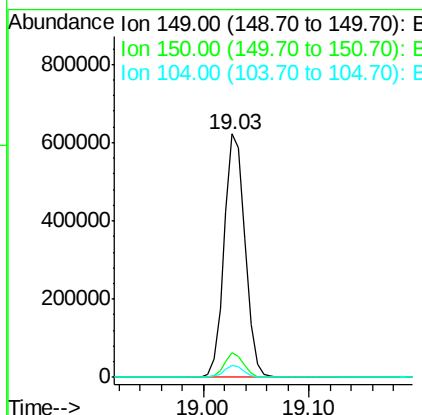
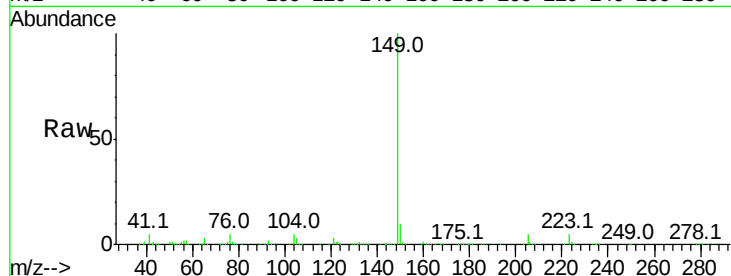




#73
Di-n-butylphthalate
Concen: 42.503 ng
RT: 19.03 min Scan# 2679
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

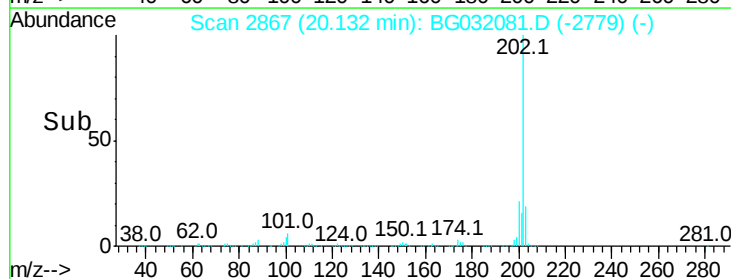
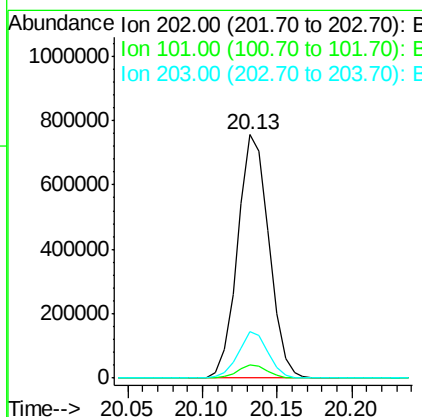
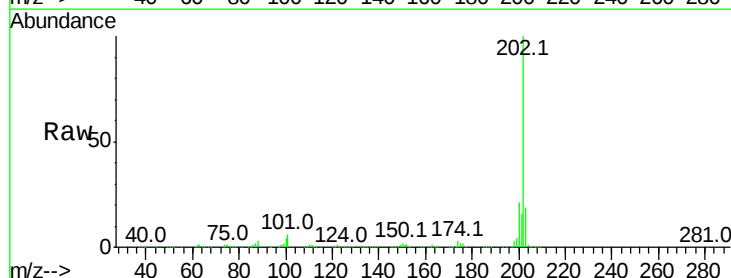
Instrument :
BNA_G
ClientSampleId :

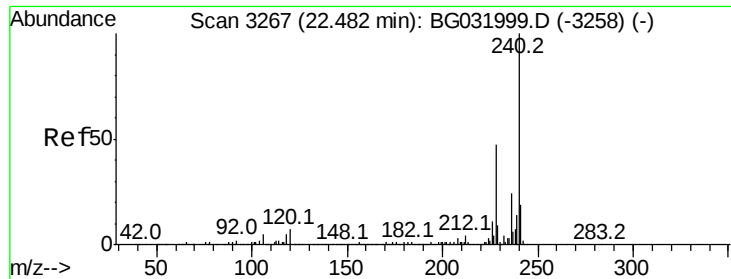
Tot Ion:149 Resp: 847308
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 4.7 3.9 5.9



#74
Fluoranthene
Concen: 44.912 ng
RT: 20.13 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion:202 Resp: 1096455
Ion Ratio Lower Upper
202 100
101 5.5 0.0 28.9
203 19.0 0.0 37.5

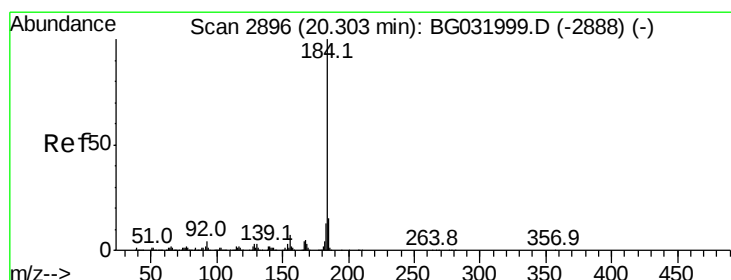
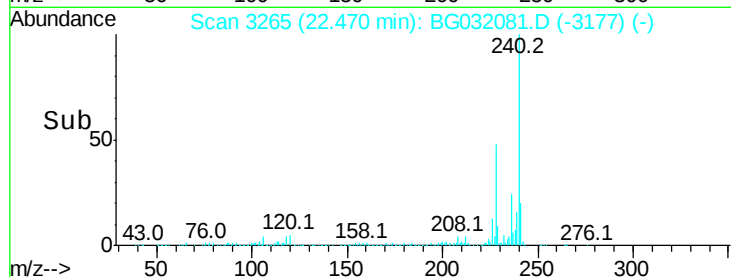
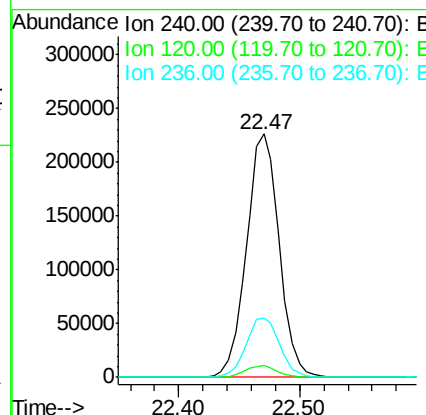
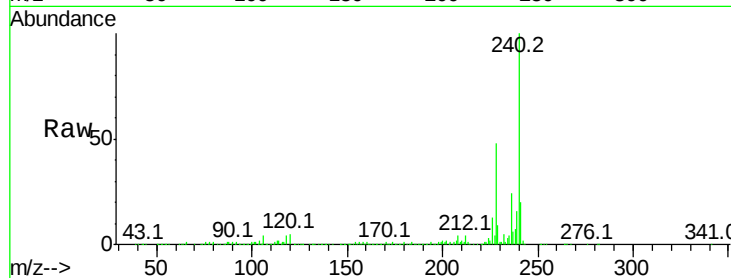




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

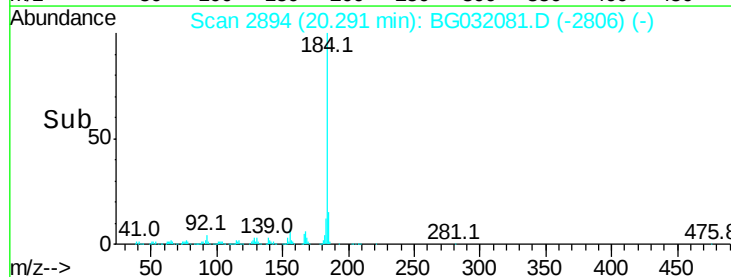
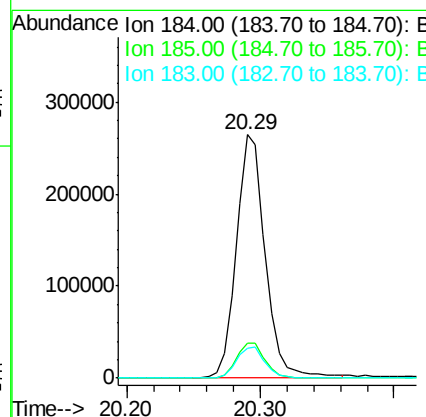
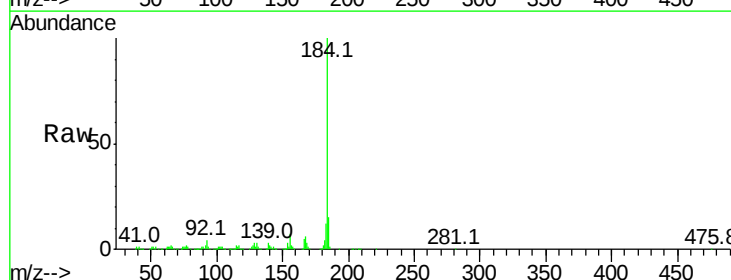
Instrument :
BNA_G
ClientSampleId :

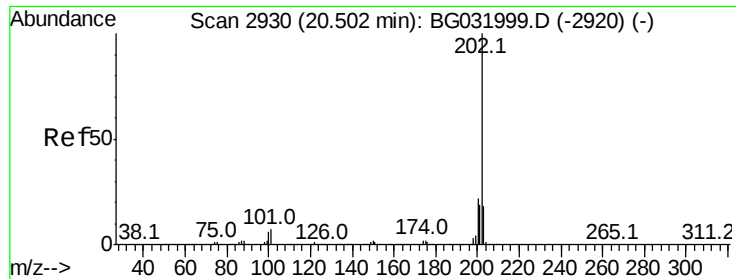
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	24.4	20.9	31.3



#76
Benzidine
Concen: 37.330 ng
RT: 20.29 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	12.3	10.6	16.0





#77

Pvrene

Concen: 41.593 ng

RT: 20.49 min Scan# 2928

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

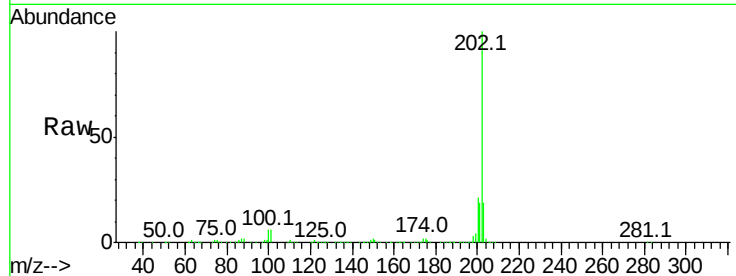
Tot Ion:202 Resp: 1114105

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

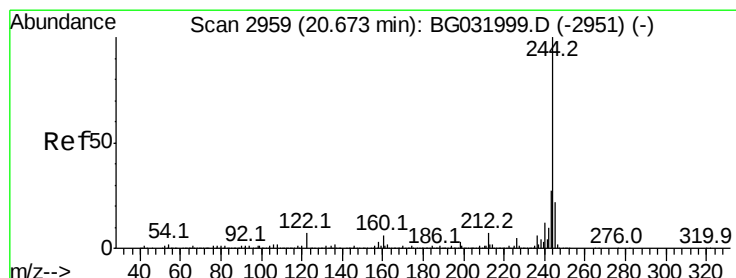
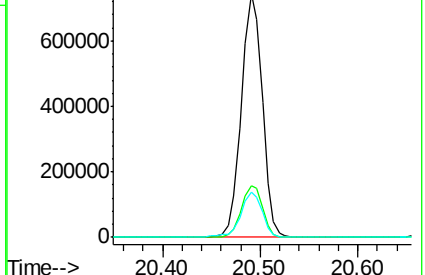
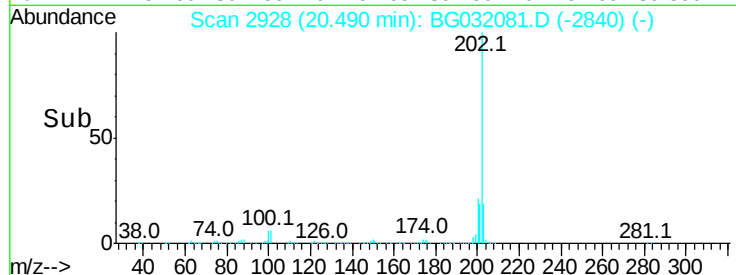
203 18.6 13.9 20.9



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: 91.130 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

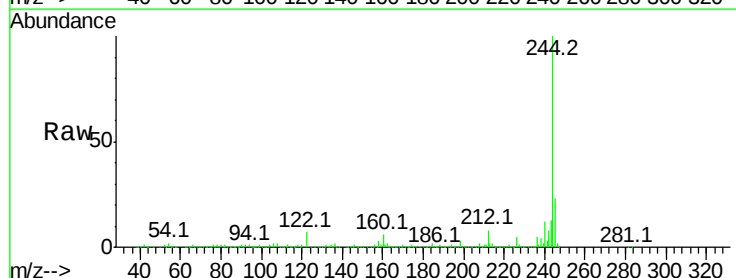
Tgt Ion:244 Resp: 1758564

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

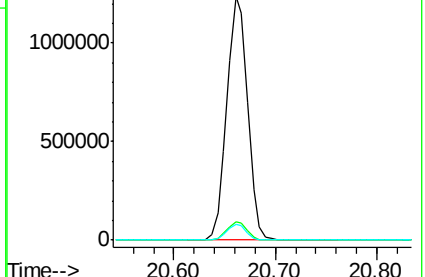
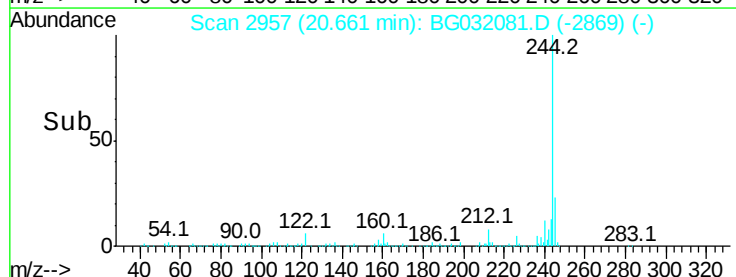
122 6.5 7.0 10.4#

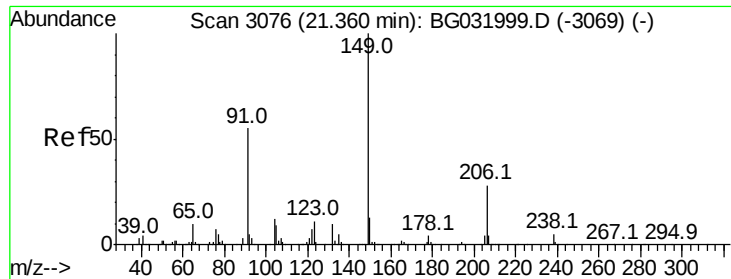


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

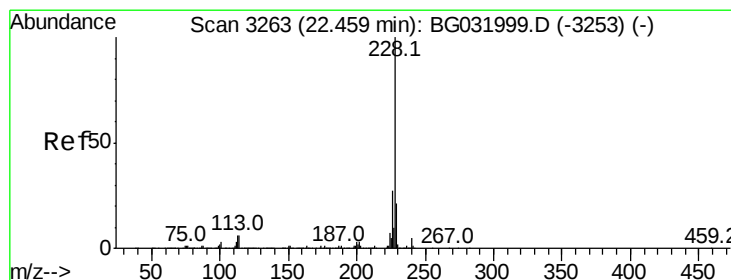
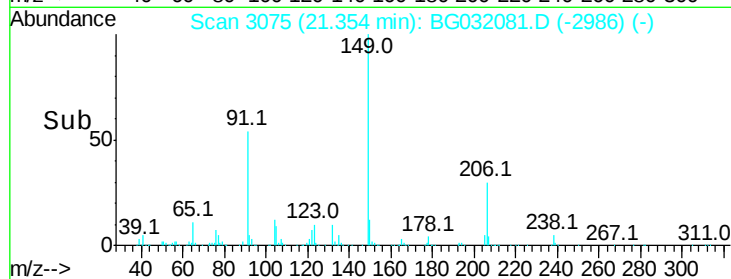
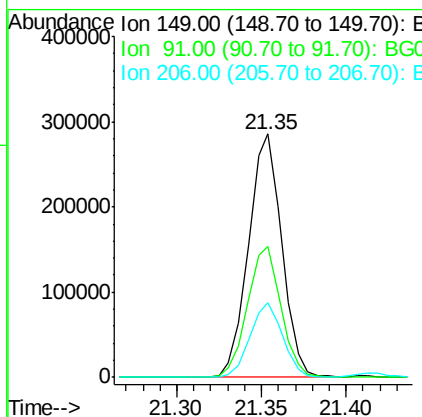
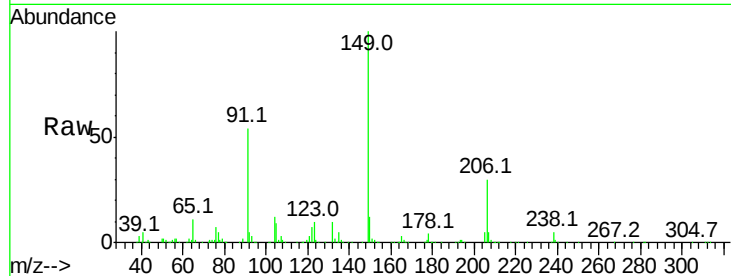




#79
 Butylbenzylphthalate
 Concen: 40.841 ng
 RT: 21.35 min Scan# 3075
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

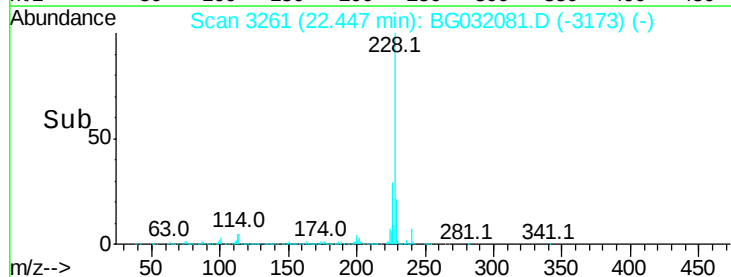
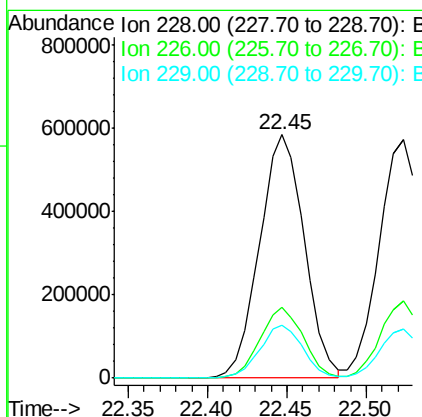
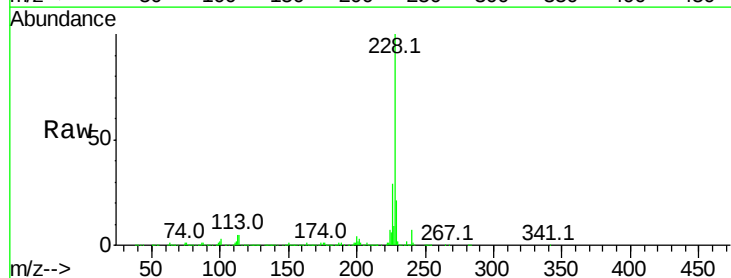
Instrument :
 BNA_G
 ClientSampleId :

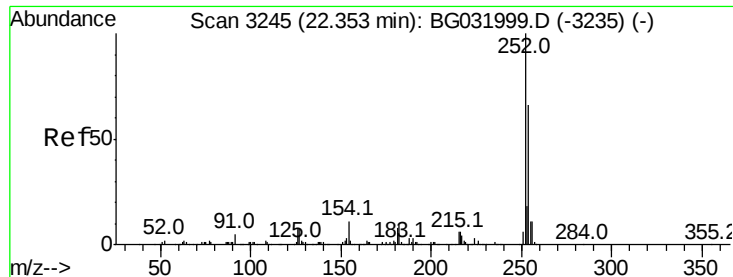
Tot Ion:	149	Resp:	391956
Ion	Ratio	Lower	Upper
149	100		
91	53.6	62.2	93.2#
206	30.4	18.6	27.8#



#80
 Benzo(a)anthracene
 Concen: 43.248 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.01 min
 Lab File: BG032081.D
 Acq: 16 Jan 2018 22:23

Tgt Ion:	228	Resp:	1146032
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	21.5	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 29.546 ng

RT: 22.34 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

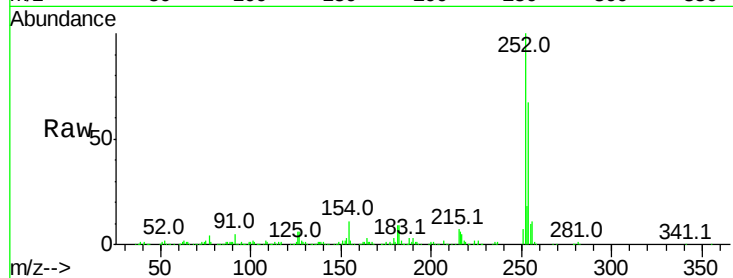
Tot Ion:252 Resp: 292476

Ion Ratio Lower Upper

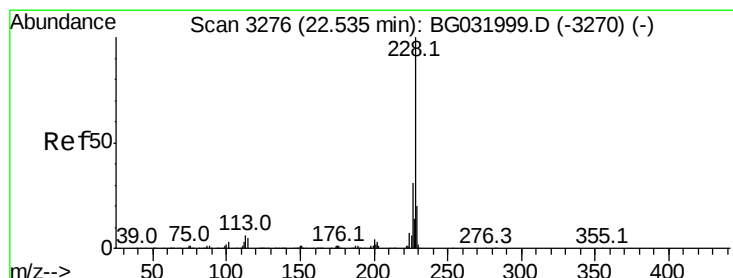
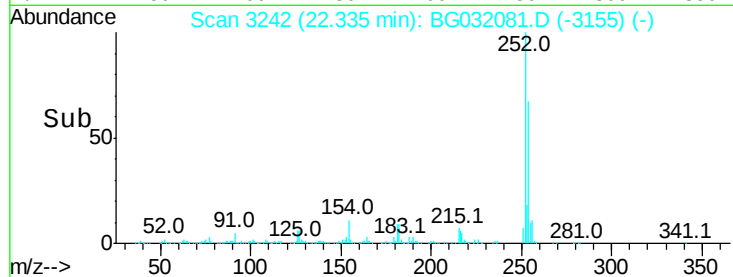
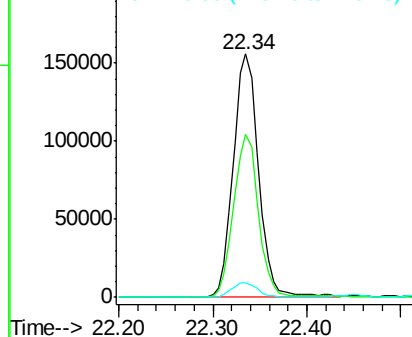
252 100

254 67.0 50.8 76.2

126 6.0 7.4 11.2#



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



#82

Chrysene

Concen: 42.896 ng

RT: 22.52 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

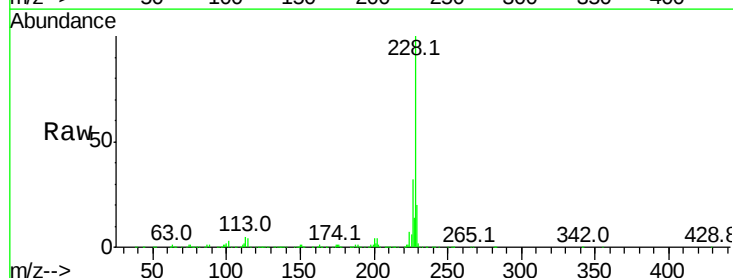
Tgt Ion:228 Resp: 1091646

Ion Ratio Lower Upper

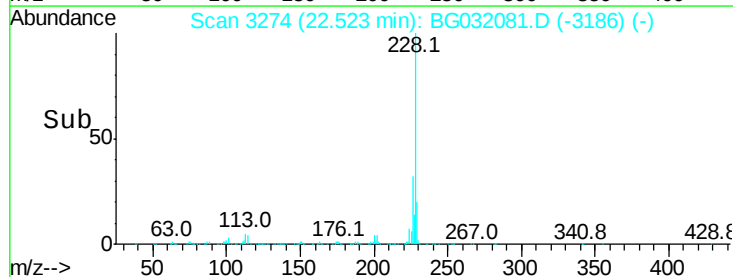
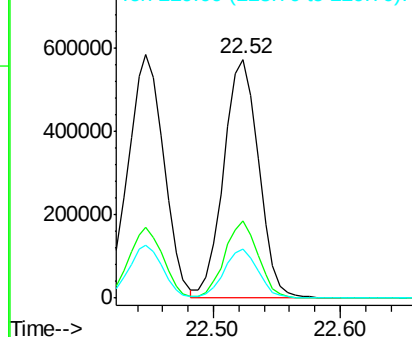
228 100

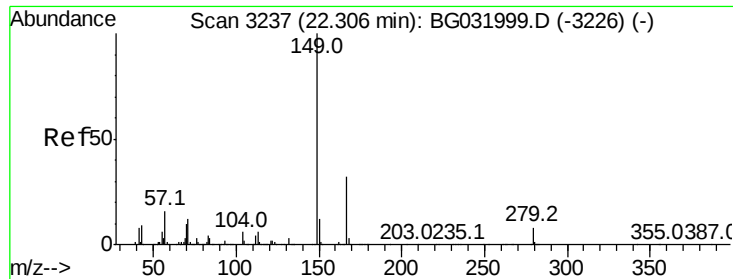
226 32.2 24.9 37.3

229 20.4 15.0 22.4



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: 39.097 ng

RT: 22.29 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

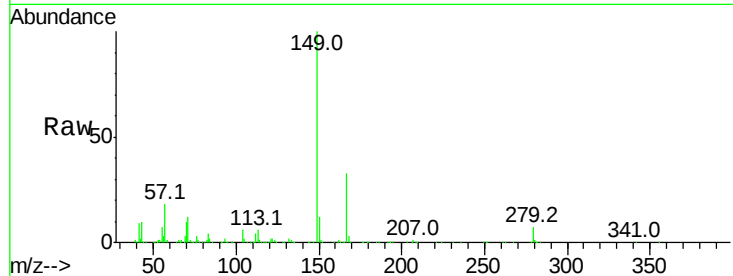
Tot Ion:149 Resp: 550224

Ion Ratio Lower Upper

149 100

167 32.8 24.3 36.5

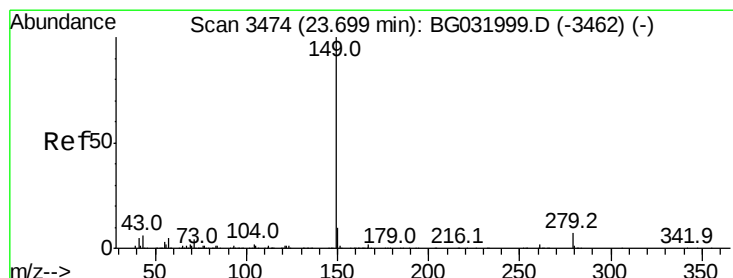
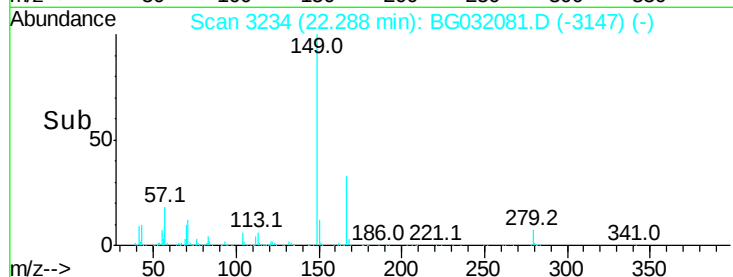
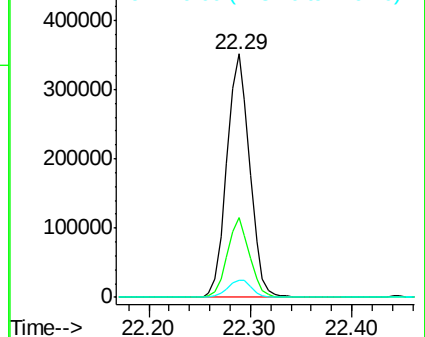
279 7.3 4.0 6.0#



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: 43.007 ng

RT: 23.67 min Scan# 3470

Delta R.T. -0.02 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

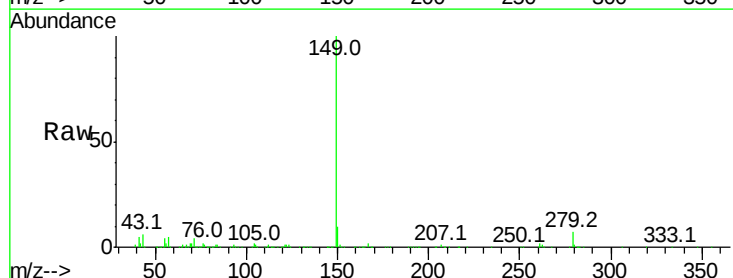
Tgt Ion:149 Resp: 961278

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

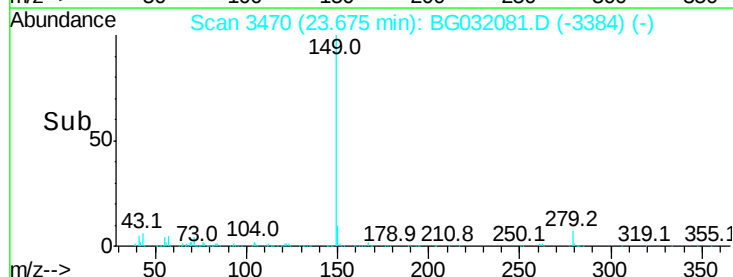
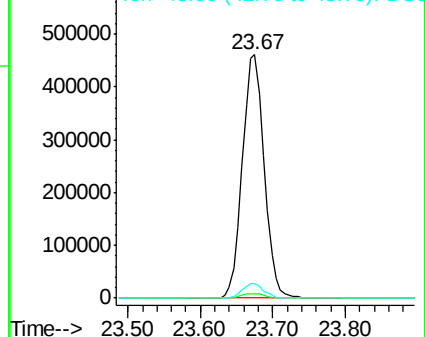
43 5.9 8.9 13.3#

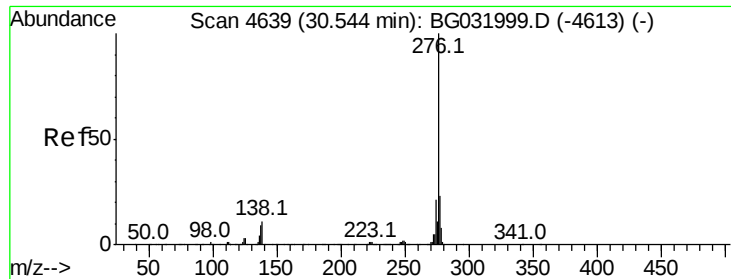


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

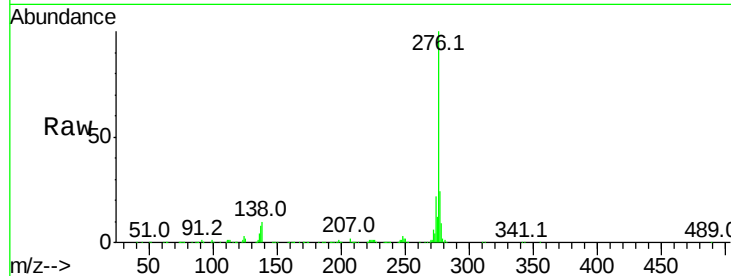




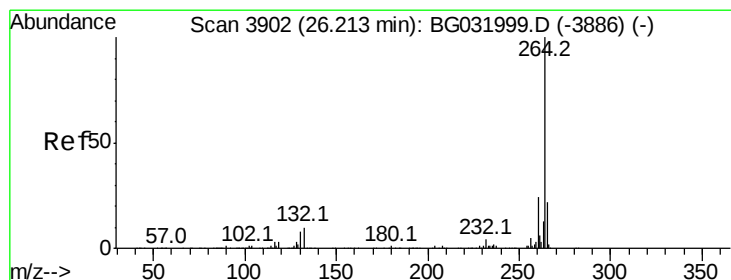
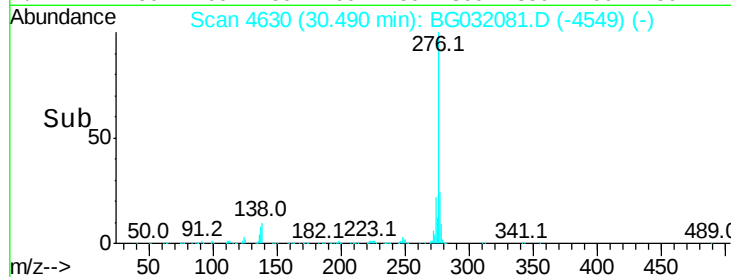
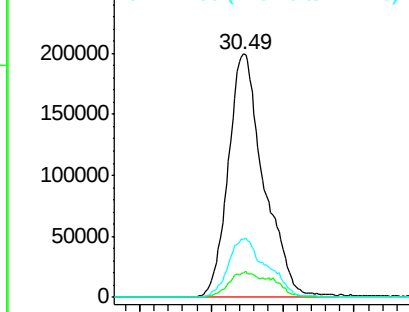
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.311 ng
RT: 30.49 min Scan# 4630
Delta R.T. -0.05 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 1380022
Ion Ratio Lower Upper
276 100
138 8.3 16.0 24.0#
277 26.4 20.0 30.0

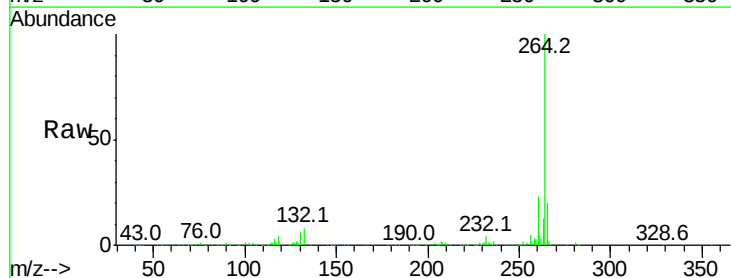


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

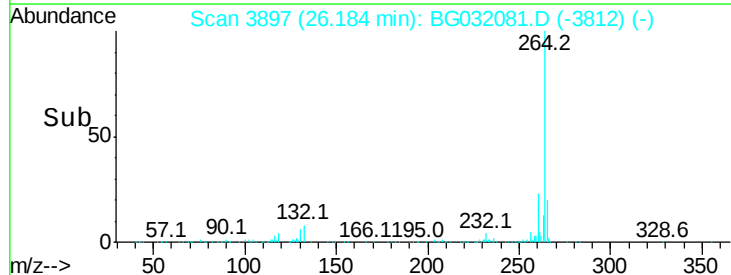
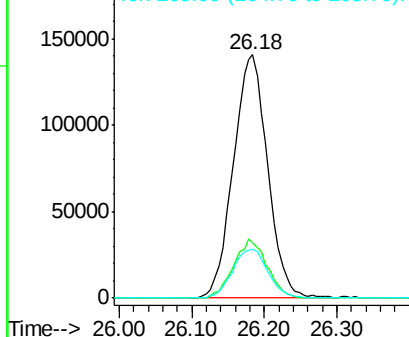


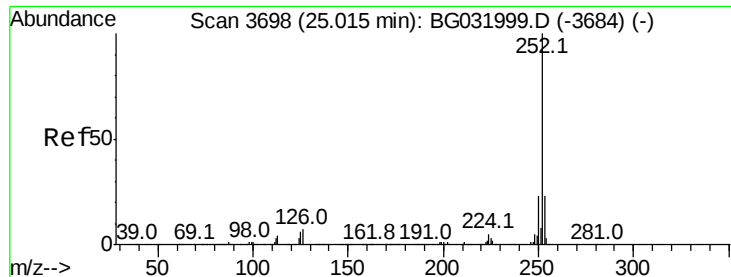
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.18 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion:264 Resp: 461755
Ion Ratio Lower Upper
264 100
260 22.9 17.4 26.0
265 20.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

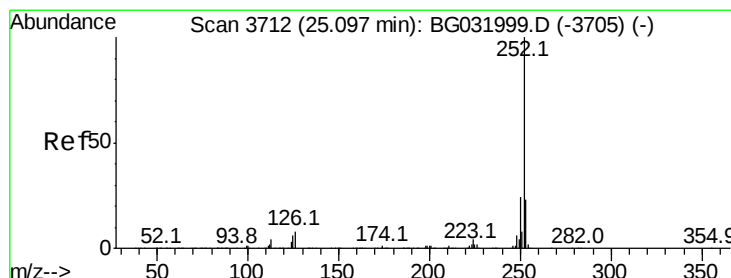
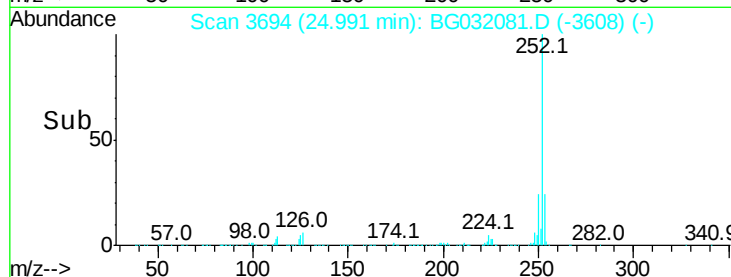
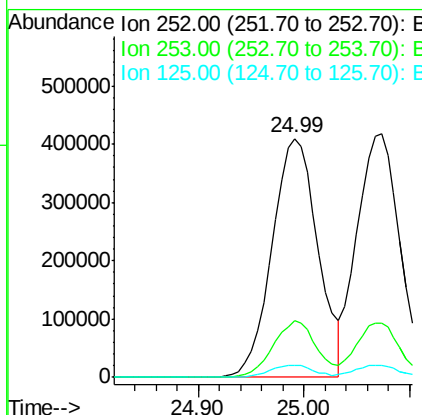
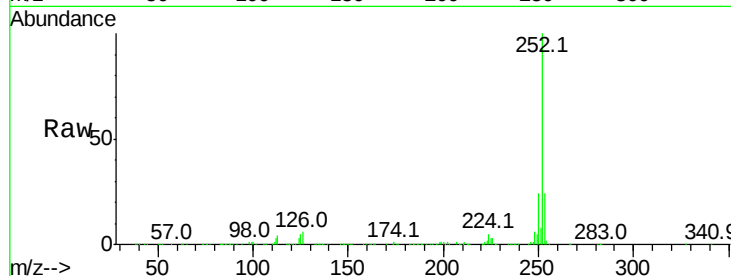




#87
Benzo(b)fluoranthene
Concen: 44.108 ng
RT: 24.99 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

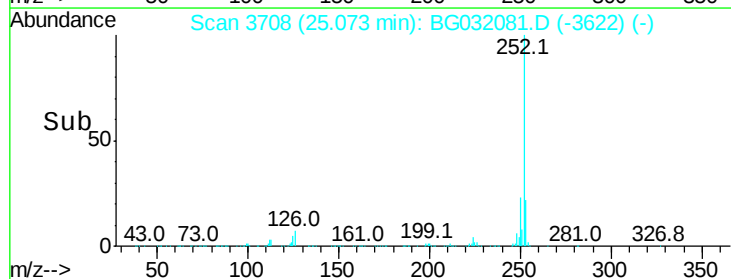
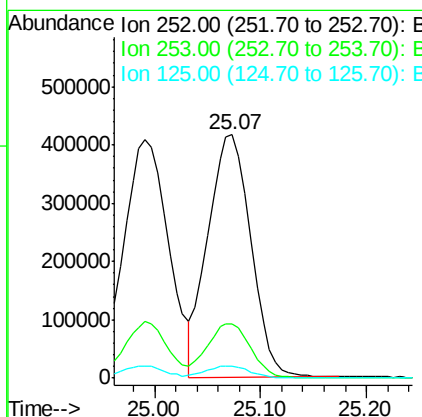
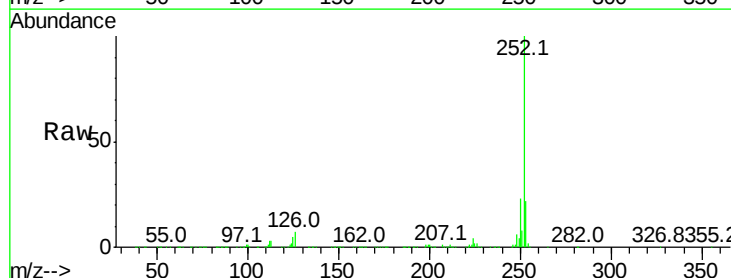
Instrument :
BNA_G
ClientSampleId :

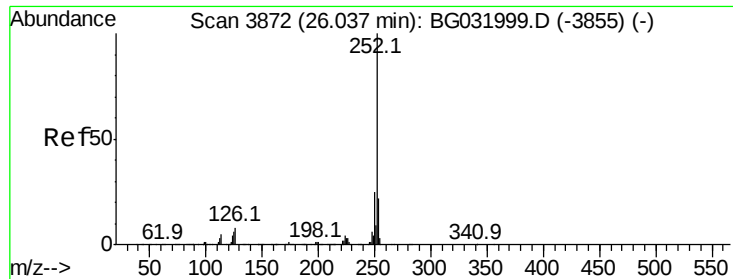
Tot Ion:252 Resp: 1231079
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 4.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 43.129 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG032081.D
Acq: 16 Jan 2018 22:23

Tgt Ion:252 Resp: 1176265
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 4.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 44.529 ng

RT: 26.01 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

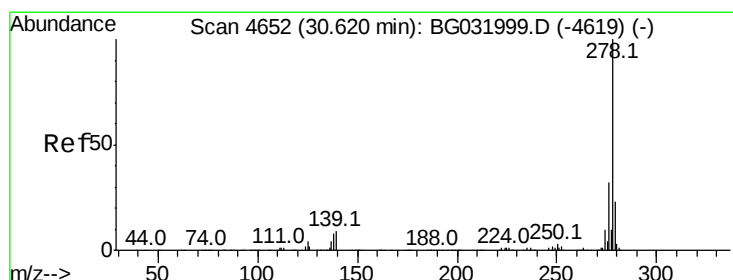
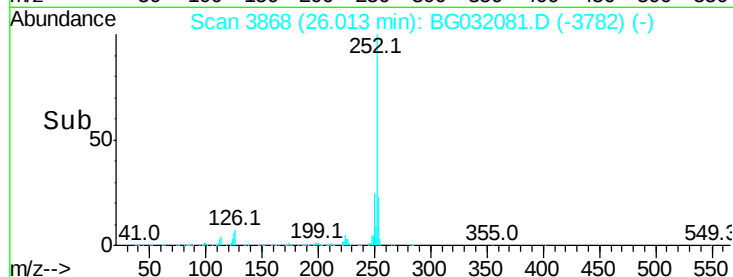
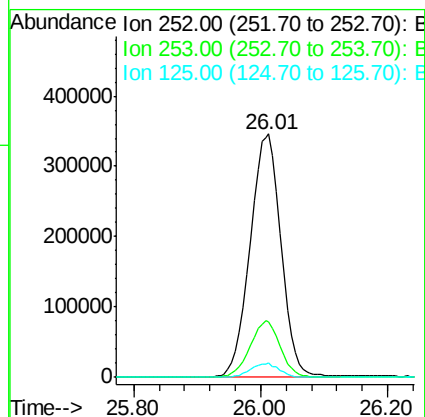
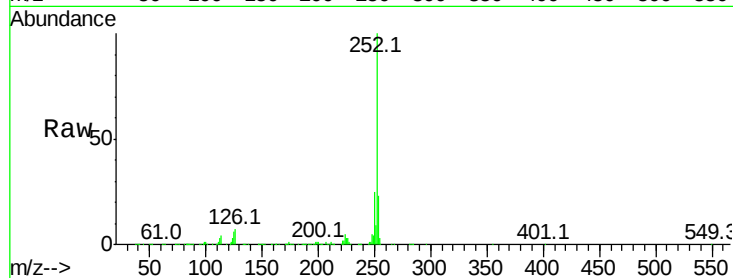
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1175677

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	5.7	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 44.765 ng

RT: 30.57 min Scan# 4644

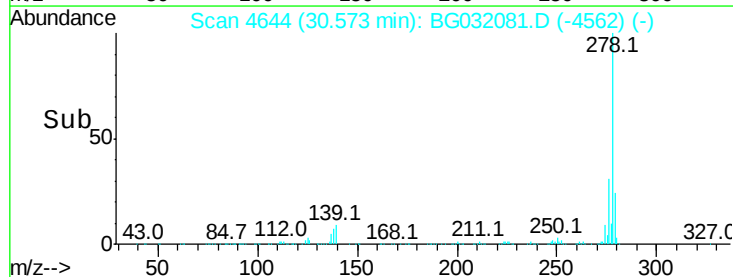
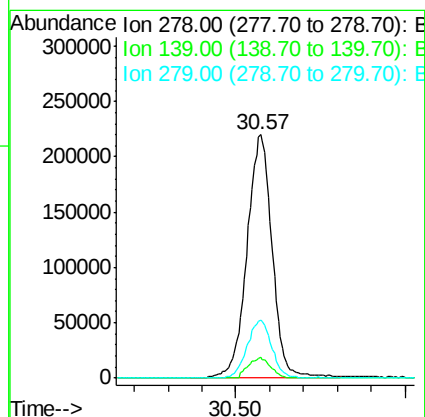
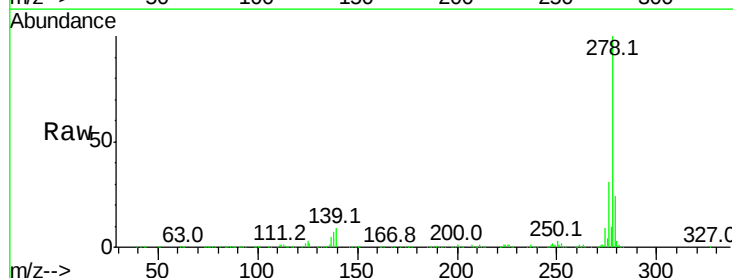
Delta R.T. -0.05 min

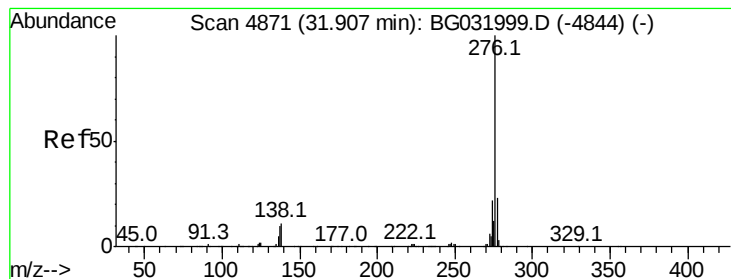
Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Tgt Ion:278 Resp: 1138920

Ion	Ratio	Lower	Upper
278	100		
139	8.5	9.8	14.6#
279	23.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 45.104 ng

RT: 31.85 min Scan# 4862

Delta R.T. -0.05 min

Lab File: BG032081.D

Acq: 16 Jan 2018 22:23

Instrument :

BNA_G

ClientSampleId :

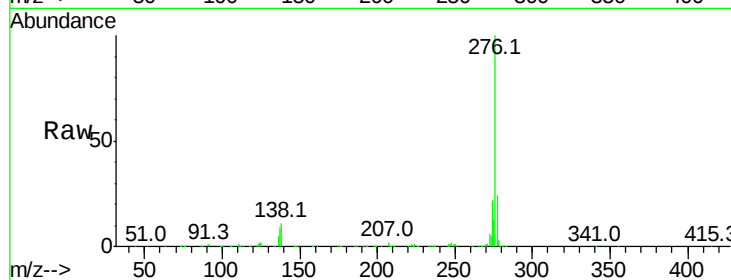
Tot Ion:276 Resp: 1172905

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 10.7 13.9 20.9#



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

