

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
 Data File : BG045181.D
 Acq On : 27 Apr 2020 16:34
 Operator : CG/JU
 Sample : L2331-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 28 03:43:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	64502	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	255846	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	206806	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	517834	20.00	ng	0.00
76) Chrysene-d12	21.64	240	489763	20.00	ng	0.00
87) Perylene-d12	24.82	264	539993	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	120586	30.86	ng	0.00
7) Phenol-d6	7.16	99	154890	26.68	ng	0.00
23) Nitrobenzene-d5	9.15	82	125401	22.36	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	115835	36.26	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	339192	24.05	ng	0.00
79) Terphenyl-d14	19.99	244	677660	30.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	16303	9.389	ng	# 37
3) Pyridine	3.86	79	18038	3.374	ng	# 92
4) n-Nitrosodimethylamine	3.76	42	16466	10.054	ng	# 97
6) Aniline	7.31	93	47282	6.265	ng	93
8) 2-Chlorophenol	7.56	128	50325	11.985	ng	97
9) Benzaldehyde	7.12	77	27039	2.753	ng	94
10) Phenol	7.19	94	55817	9.609	ng	99
11) bis(2-Chloroethyl)ether	7.40	93	53101	11.482	ng	89
12) 1,3-Dichlorobenzene	7.88	146	56046	11.327	ng	100
13) 1,4-Dichlorobenzene	8.03	146	56230	11.405	ng	96
14) 1,2-Dichlorobenzene	8.35	146	55136	11.689	ng	96
15) Benzyl Alcohol	8.23	79	46826	9.621	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.52	45	46563	10.257	ng	93
17) 2-Methylphenol	8.44	107	42277	9.433	ng	96
18) Hexachloroethane	9.08	117	21444	11.570	ng	83
19) n-Nitroso-di-n-propylamine	8.80	70	44954	10.951	ng	96
20) 3+4-Methylphenols	8.76	107	57395	9.149	ng	93
22) Acetophenone	8.81	105	81489	11.778	ng	# 98
24) Nitrobenzene	9.19	77	66521	11.574	ng	99
25) Isophorone	9.72	82	134784	11.738	ng	# 98
26) 2-Nitrophenol	9.91	139	27529	11.120	ng	98
27) 2,4-Dimethylphenol	9.97	122	47591	12.115	ng	94
28) bis(2-Chloroethoxy)methane	10.20	93	71694	11.883	ng	99
29) 2,4-Dichlorophenol	10.45	162	51678	11.393	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	61911	12.055	ng	97
31) Naphthalene	10.85	128	166412	11.890	ng	99
32) Benzoic acid	10.06	122	14297	10.281	ng	# 76
33) 4-Chloroaniline	10.96	127	43302	6.634	ng	97
34) Hexachlorobutadiene	11.15	225	42663	12.117	ng	98
35) Caprolactam	11.71	113	15269	8.458	ng	85
36) 4-Chloro-3-methylphenol	12.08	107	66158	12.416	ng	98
37) 2-Methylnaphthalene	12.46	142	133525	12.291	ng	98
38) 1-Methylnaphthalene	12.68	142	131406	12.813	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	74989	11.262	ng	99

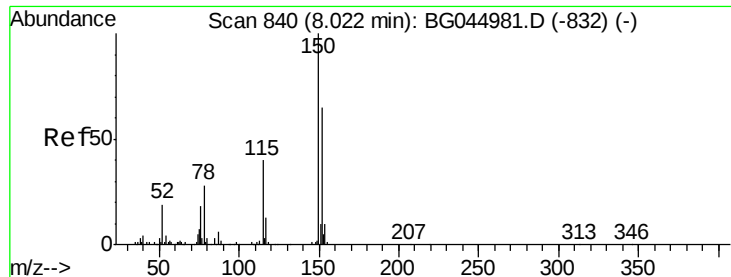
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	92796	22.297	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	51992	11.064	nq	93
44) 2,4,5-Trichlorophenol	13.14	196	59008	11.031	nq	98
46) 1,1'-Biphenyl	13.47	154	178736	11.371	nq	98
47) 2-Chloronaphthalene	13.51	162	138912	11.566	nq	96
48) 2-Nitroaniline	13.70	65	45058	11.402	nq	93
49) Acenaphthylene	14.35	152	240345	12.285	nq	96
50) Dimethylphthalate	14.08	163	211740	12.574	nq	99
51) 2,6-Dinitrotoluene	14.19	165	43718	11.607	nq #	91
52) Acenaphthene	14.69	154	144598	10.924	nq	99
53) 3-Nitroaniline	14.53	138	31906	7.724	nq	97
54) 2,4-Dinitrophenol	14.73	184	47066	21.015	nq	95
55) Dibenzofuran	15.03	168	240597	12.467	nq	99
56) 4-Nitrophenol	14.85	139	52891	16.513	nq	93
57) 2,4-Dinitrotoluene	14.99	165	64629	11.742	nq	93
58) Fluorene	15.68	166	202344	12.837	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	60681	12.749	nq #	96
60) Diethylphthalate	15.45	149	213899	12.184	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	106857	11.777	nq	100
62) 4-Nitroaniline	15.69	138	41712	9.735	nq	97
63) Azobenzene	15.97	77	206619	12.765	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	37959	11.152	nq	96
66) n-Nitrosodiphenylamine	15.89	169	178228	11.979	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	77069	11.536	nq	99
68) Hexachlorobenzene	16.69	284	81759	11.800	nq	97
69) Atrazine	16.83	200	75905	10.303	nq	97
70) Pentachlorophenol	17.03	266	86293	20.303	nq	98
71) Phenanthrene	17.42	178	331981	12.476	nq	99
72) Anthracene	17.51	178	348880	13.070	nq	98
73) Carbazole	17.78	167	308633	11.394	nq	97
74) Di-n-butylphthalate	18.35	149	389529	8.254	nq	98
75) Fluoranthene	19.43	202	425719	8.623	nq	96
77) Benzidine	19.61	184	116505	2.602	nq	98
78) Pyrene	19.79	202	430103	12.738	nq	95
80) Butylbenzylphthalate	20.68	149	164584	11.760	nq	97
81) Benzo(a)anthracene	21.62	228	384762	12.121	nq	94
82) 3,3'-Dichlorobenzidine	21.54	252	75927	6.009	nq	95
83) Chrysene	21.69	228	383049	12.559	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	240500	12.494	nq	97
85) Di-n-octyl phthalate	22.75	149	408427	12.270	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	476883	11.777	nq #	95
88) Benzo(b)fluoranthene	23.82	252	403976	11.943	nq	98
89) Benzo(k)fluoranthene	23.88	252	419569	13.043	nq	93
90) Benzo(a)pyrene	24.67	252	379411	11.880	nq	99
91) Dibenzo(a,h)anthracene	28.49	278	395008	12.275	nq	97
92) Benzo(g,h,i)perylene	29.54	276	397791	12.330	nq #	95

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

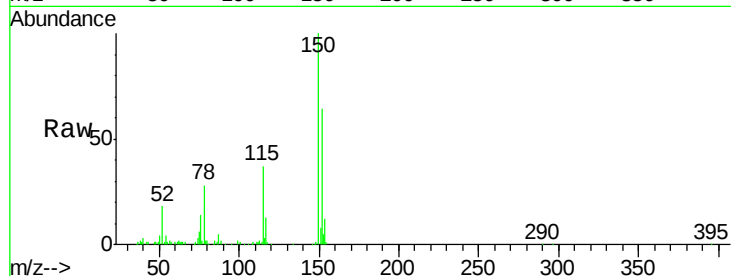


#1

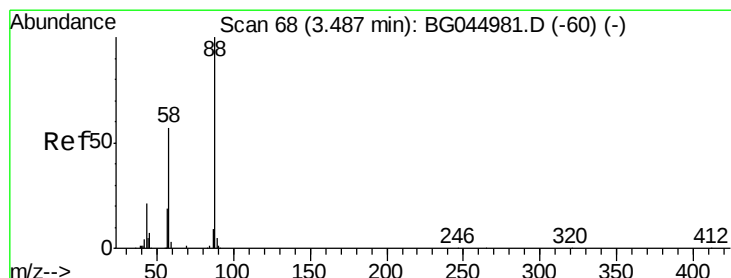
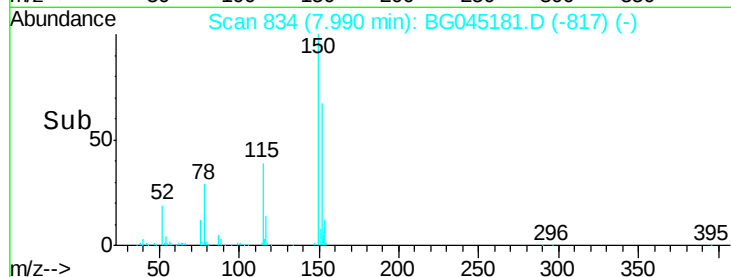
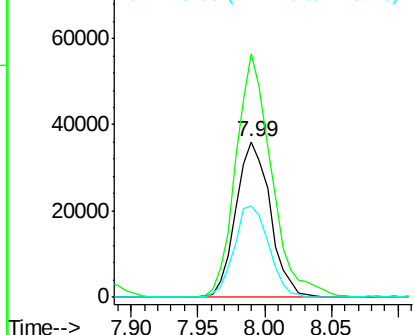
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64502
Ion Ratio Lower Upper
152 100
150 156.5 123.6 185.4
115 58.3 49.1 73.7



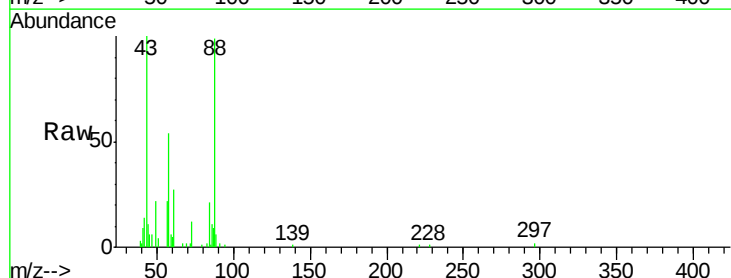
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



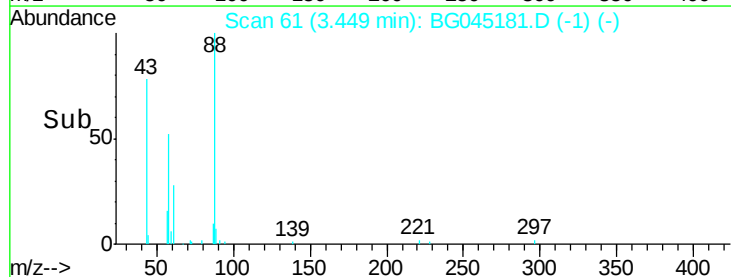
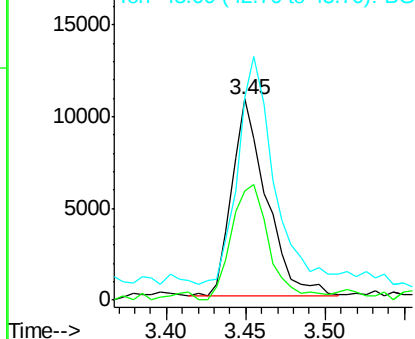
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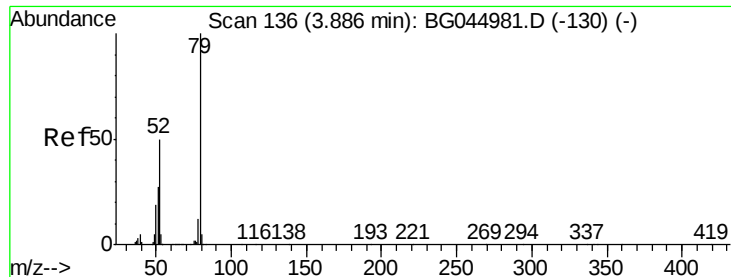
1,4-Dioxane
Concen: 9.389 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion: 88 Resp: 16303
Ion Ratio Lower Upper
88 100
58 64.3 46.6 69.8
43 121.7 17.5 26.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 3.374 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG045181.D

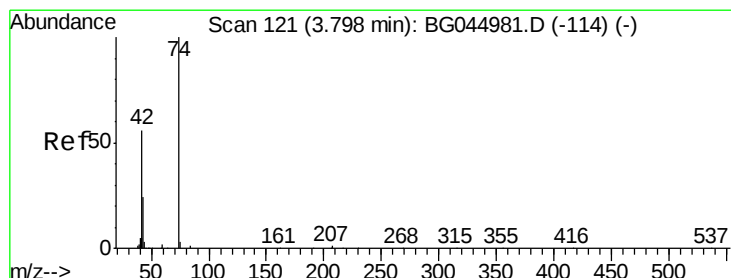
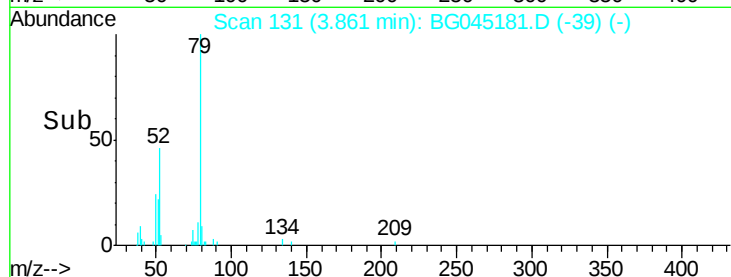
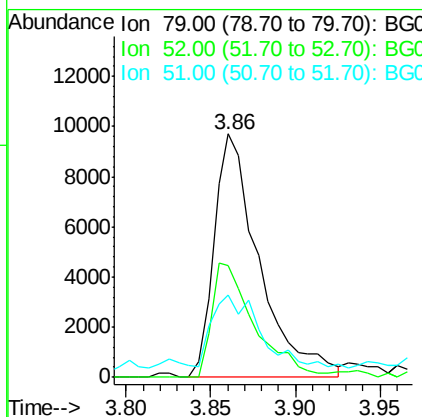
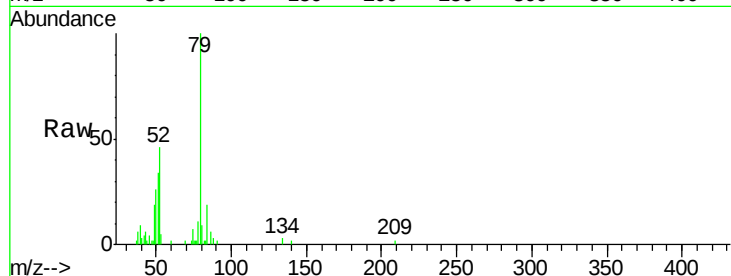
Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	79	Resp:	18038
Ion	Ratio	Lower	Upper
79	100		
52	46.0	39.8	59.6
51	34.0	21.4	32.2#



#4

n-Nitrosodimethylamine

Concen: 10.054 ng

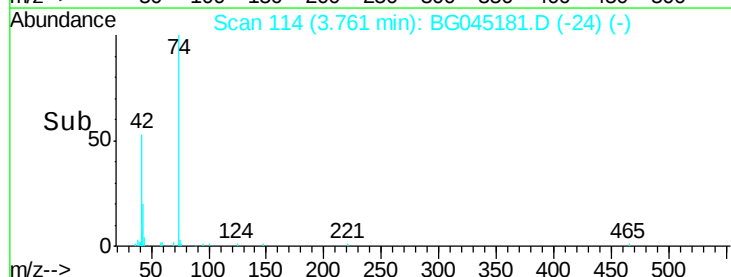
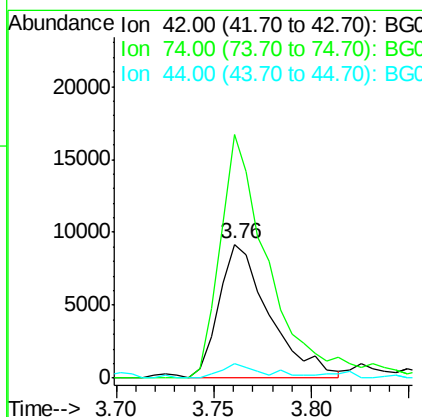
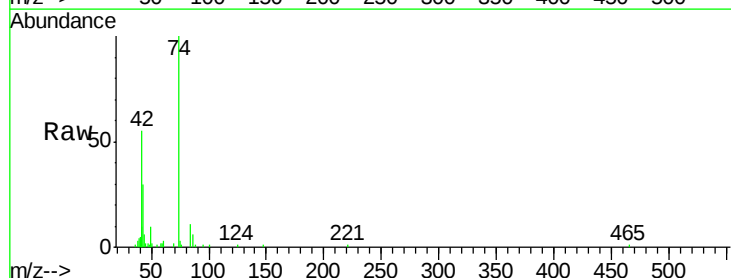
RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:	42	Resp:	16466
Ion	Ratio	Lower	Upper
42	100		
74	182.3	143.0	214.6
44	10.5	4.6	6.8#





#5

2-Fluorophenol

Concen: 30.864 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

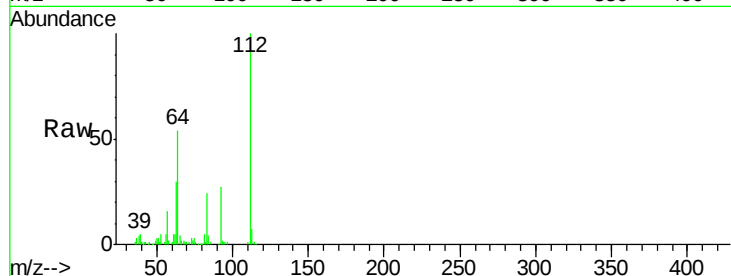
Tot Ion:112 Resp: 120586

Ion Ratio Lower Upper

112 100

64 53.8 42.4 63.6

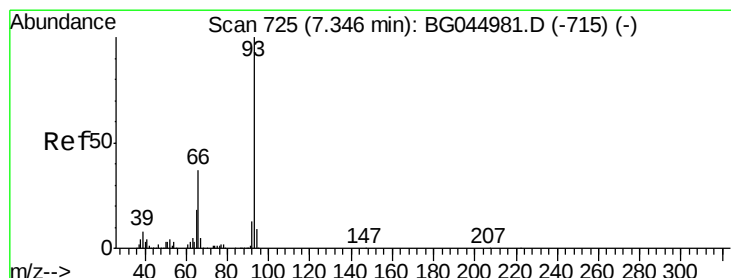
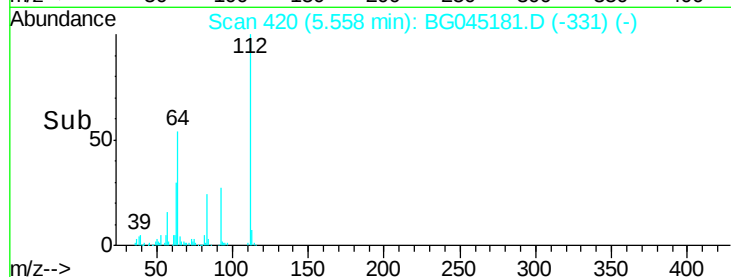
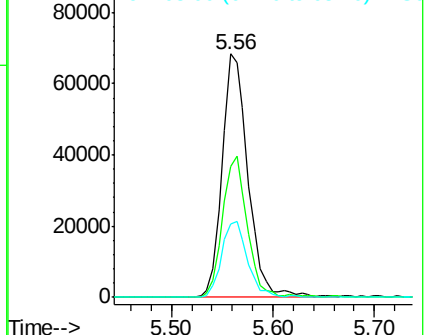
63 30.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.265 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

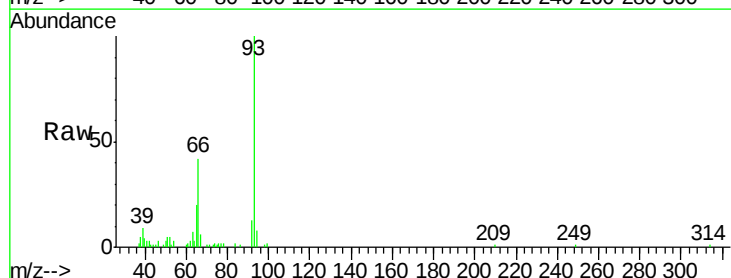
Tgt Ion: 93 Resp: 47282

Ion Ratio Lower Upper

93 100

66 42.3 29.8 44.8

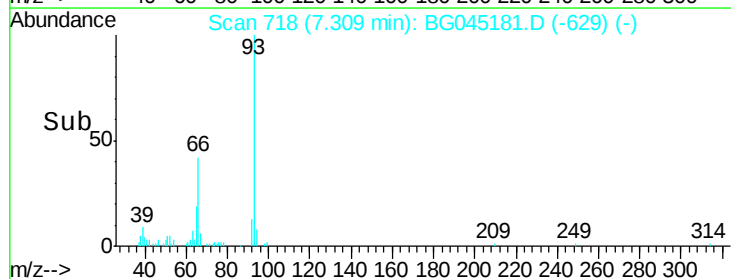
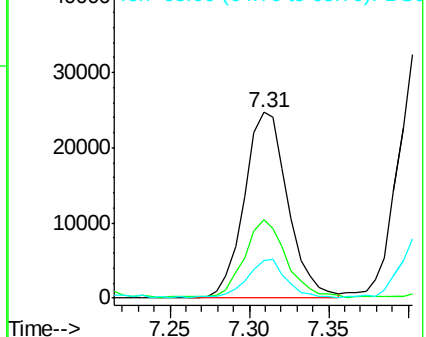
65 20.0 14.6 22.0

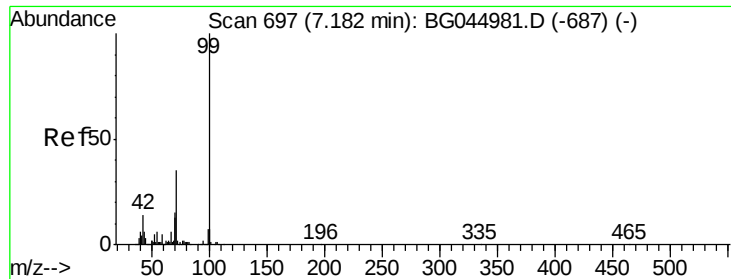


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 26.683 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

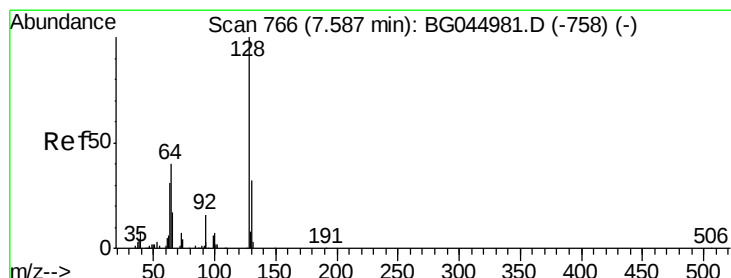
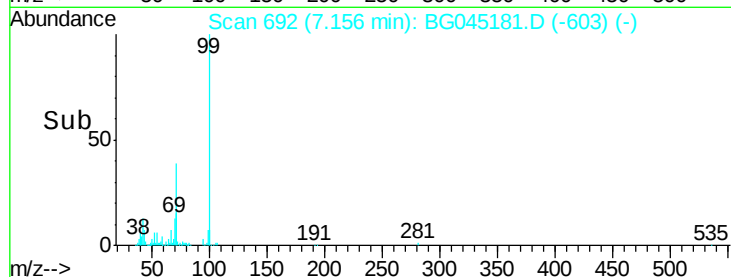
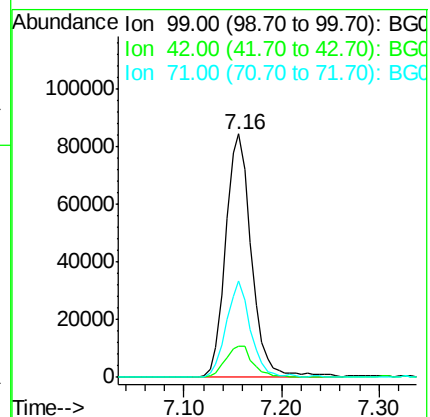
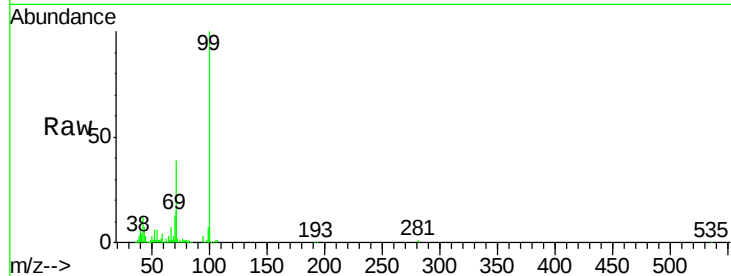
Tot Ion: 99 Resp: 154890

Ion Ratio Lower Upper

99 100

42 13.0 11.3 16.9

71 39.4 28.3 42.5



#8

2-Chlorophenol

Concen: 11.985 ng

RT: 7.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

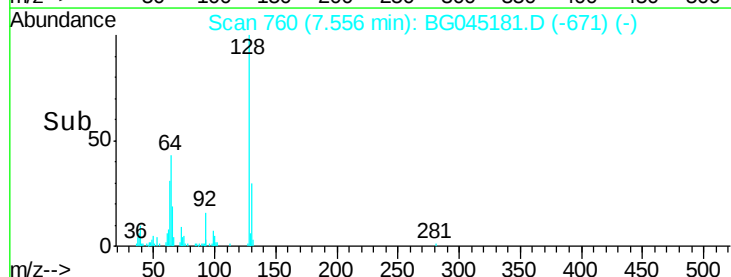
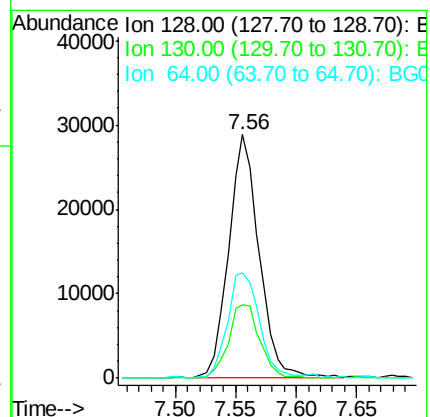
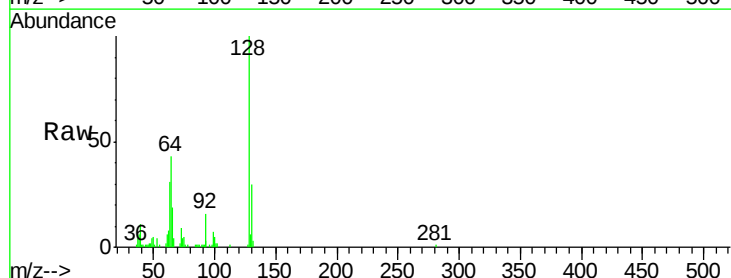
Tgt Ion: 128 Resp: 50325

Ion Ratio Lower Upper

128 100

130 30.0 12.3 52.3

64 43.4 24.4 64.4





#9

Benzaldehyde

Concen: 2.753 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

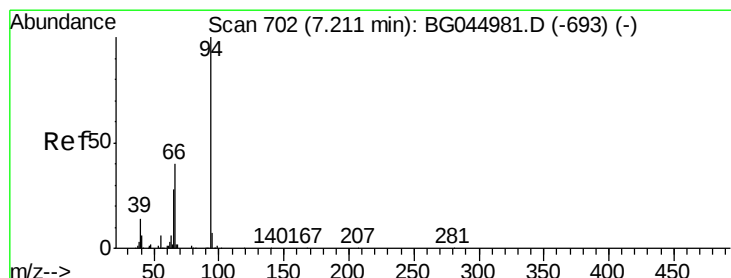
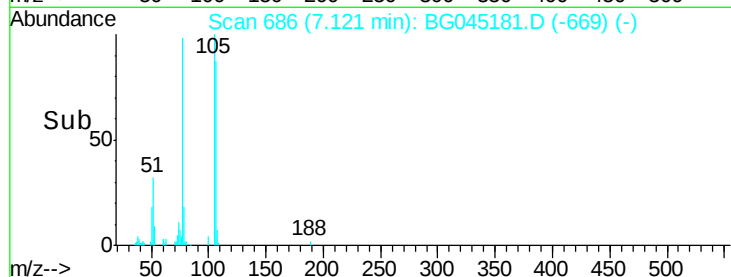
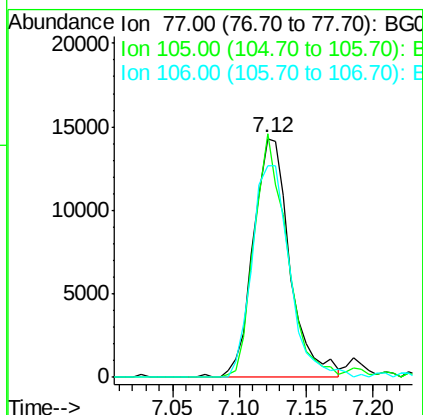
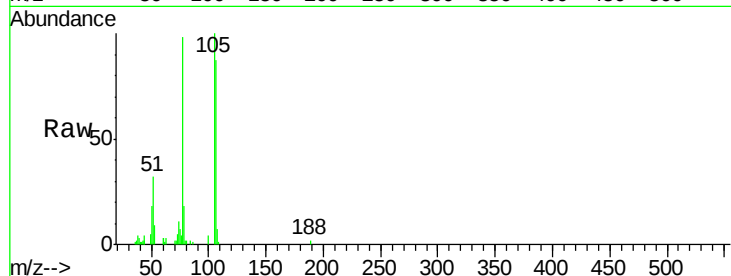
Tot Ion: 77 Resp: 27039

Ion Ratio Lower Upper

77 100

105 102.1 72.9 112.9

106 89.0 67.6 107.6



#10

Phenol

Concen: 9.609 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

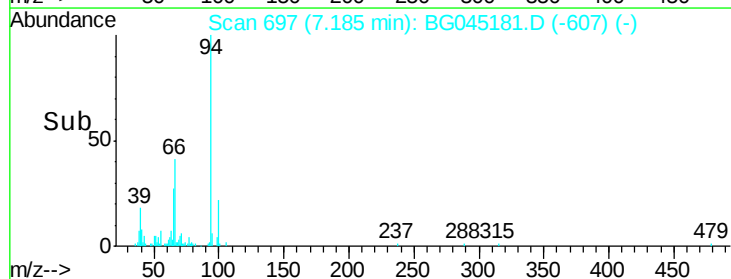
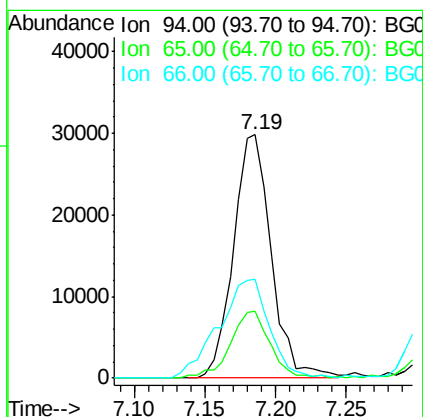
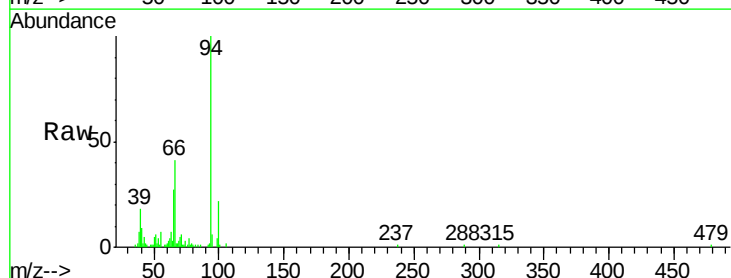
Tgt Ion: 94 Resp: 55817

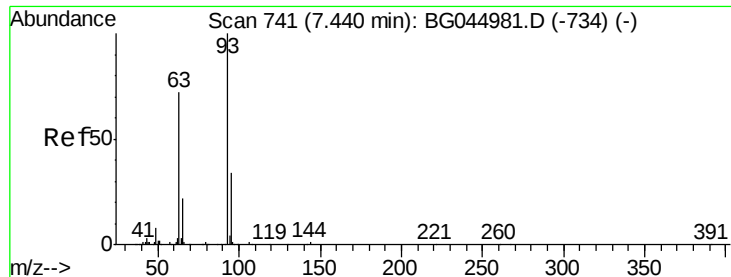
Ion Ratio Lower Upper

94 100

65 27.4 8.2 48.2

66 40.5 20.4 60.4

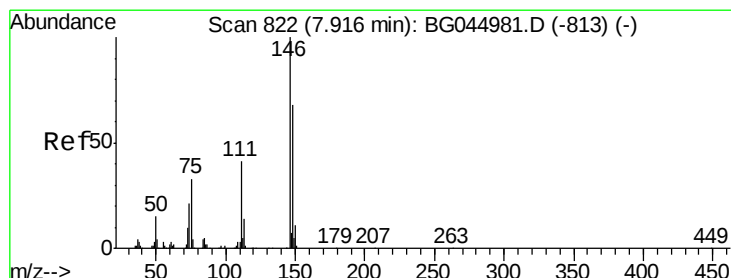
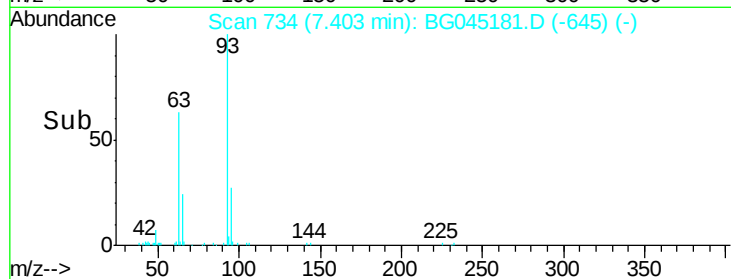
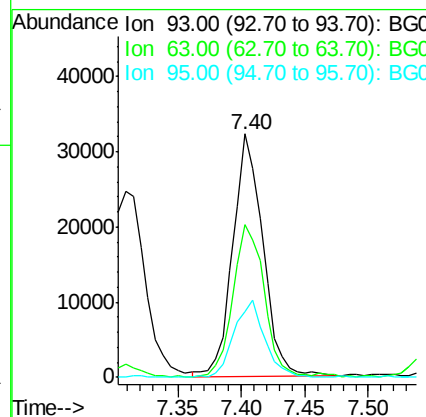
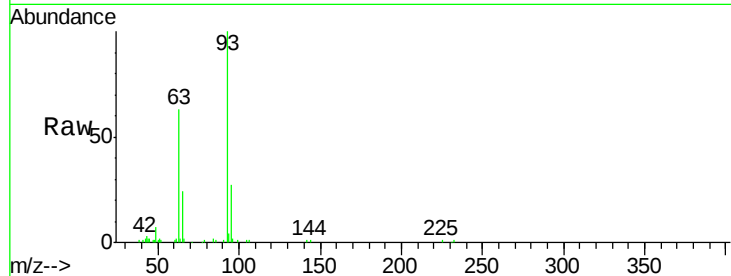




#11
 bis(2-Chloroethyl)ether
 Concen: 11.482 ng
 RT: 7.40 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

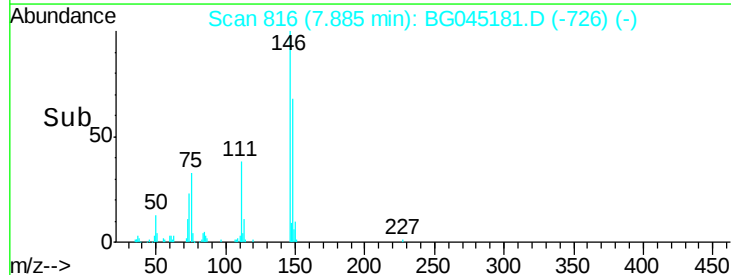
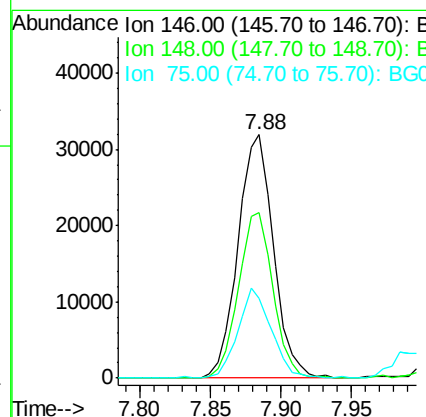
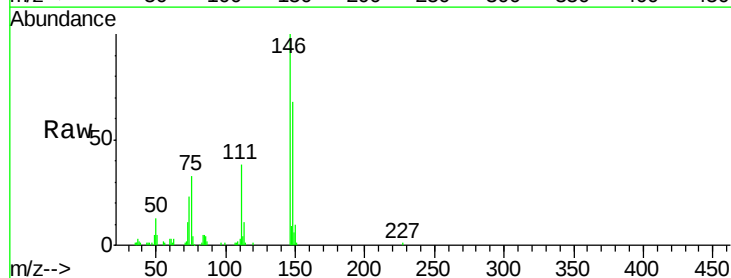
Instrument :
 BNA_G
 ClientSampleId :

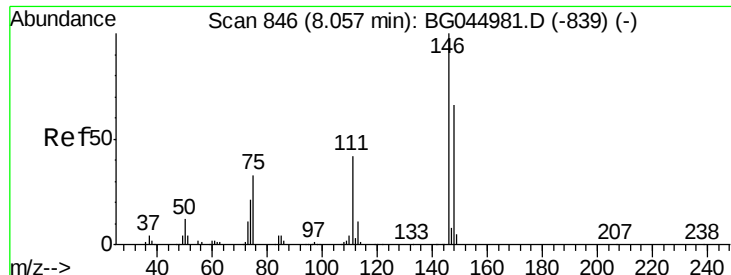
Tot Ion	93	Resp	53101
Ion	Ratio	Lower	Upper
93	100		
63	62.9	51.8	91.8
95	27.1	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 11.327 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	146	Resp	56046
Ion	Ratio	Lower	Upper
146	100		
148	68.1	54.6	81.8
75	32.9	26.0	39.0

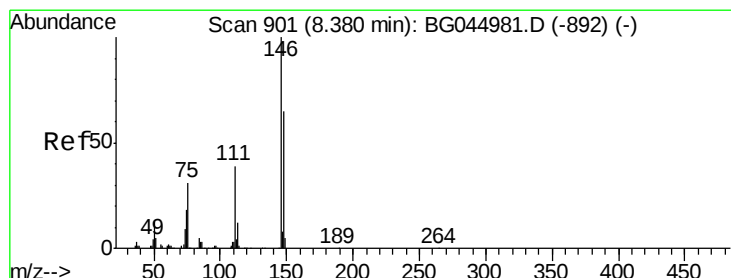
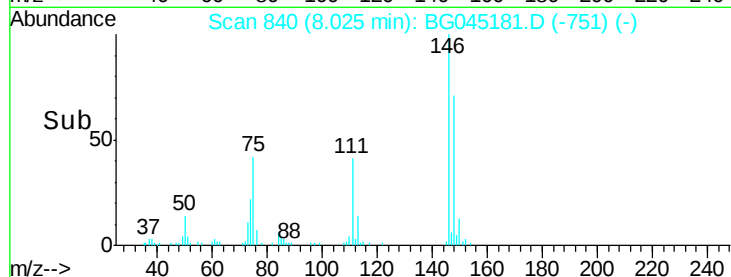
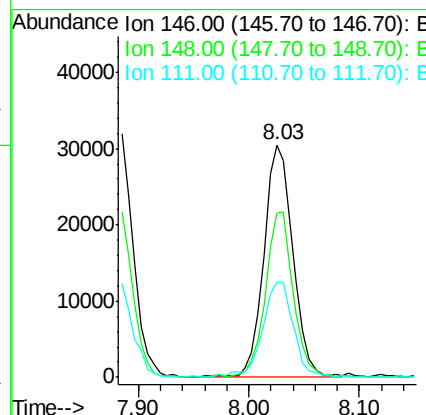
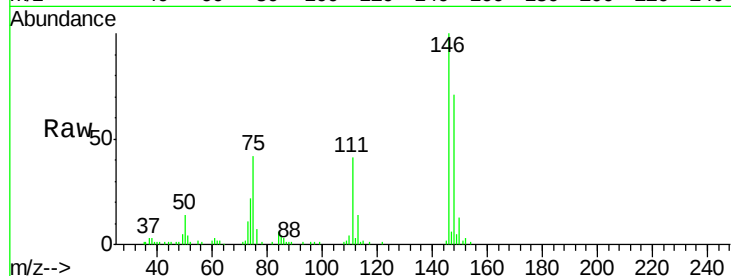




#13
 1,4-Dichlorobenzene
 Concen: 11.405 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

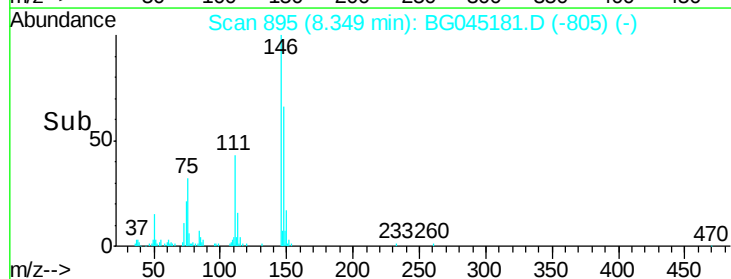
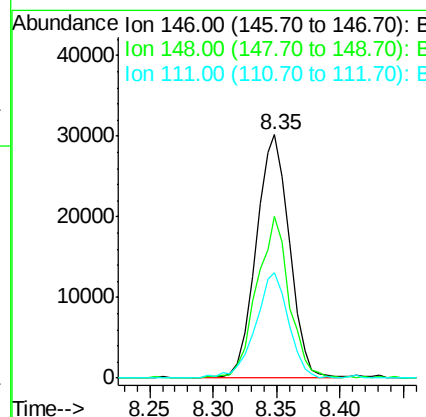
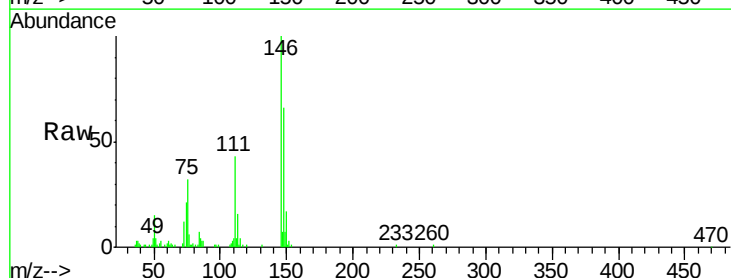
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 56230
 Ion Ratio Lower Upper
 146 100
 148 70.7 53.3 79.9
 111 40.9 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 11.689 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion:146 Resp: 55136
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.9 77.9
 111 43.1 31.3 46.9





#15

Benzyl Alcohol

Concen: 9.621 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

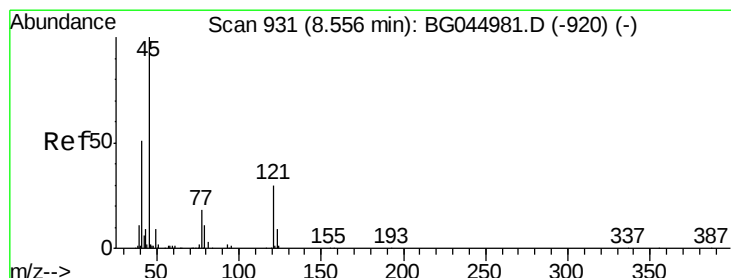
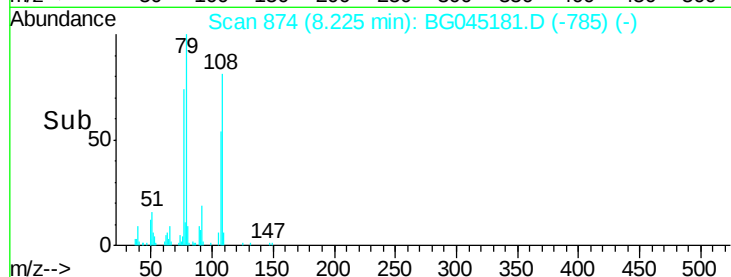
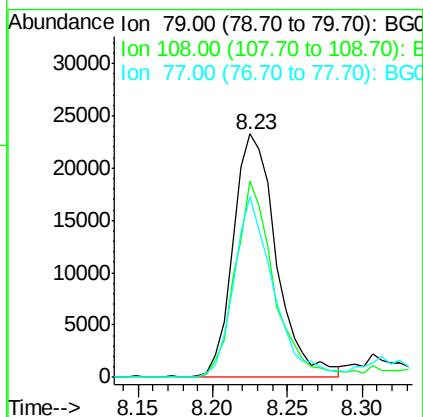
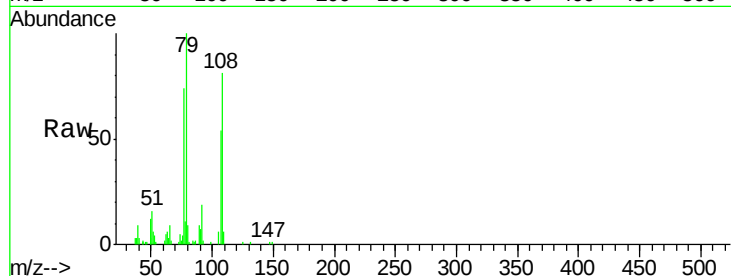
Tot Ion: 79 Resp: 46826

Ion Ratio Lower Upper

79 100

108 80.8 52.7 79.1#

77 74.3 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.257 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

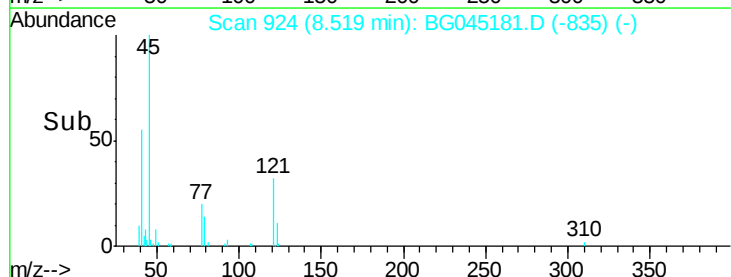
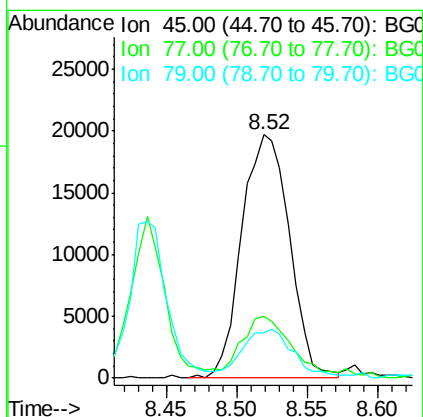
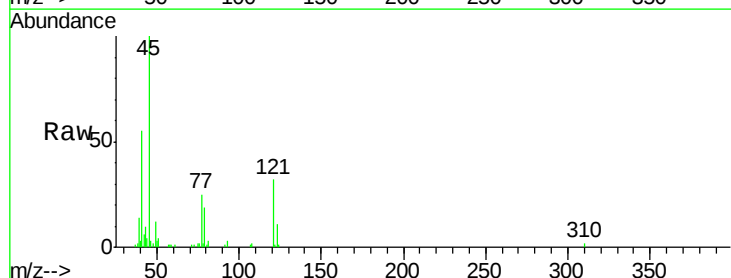
Tgt Ion: 45 Resp: 46563

Ion Ratio Lower Upper

45 100

77 25.3 1.9 41.9

79 18.7 0.0 35.5





#17

2-Methylphenol

Concen: 9.433 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 42277

Ion	Ratio	Lower	Upper
107	100		
108	110.9	93.8	140.6
77	51.3	38.5	57.7
79	49.9	40.1	60.1

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

40000

30000

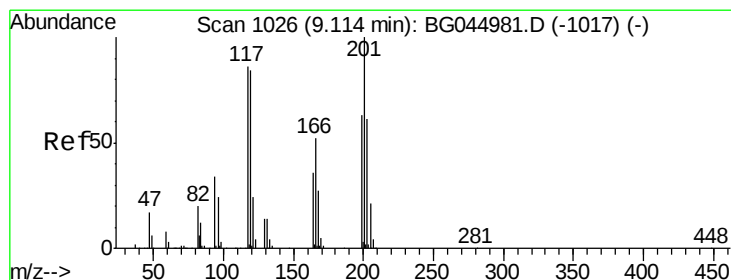
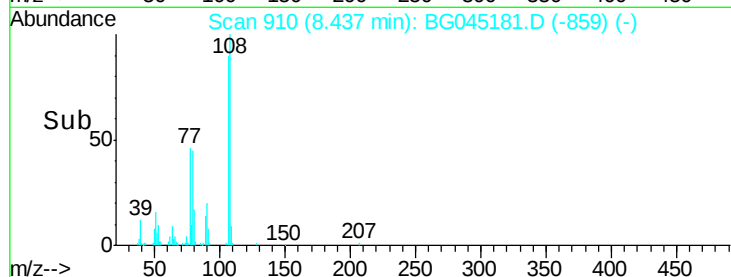
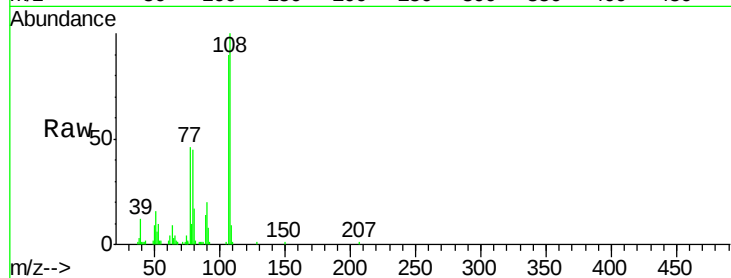
20000

10000

0

8.35 8.40 8.45 8.50

Time-->



#18

Hexachloroethane

Concen: 11.570 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:117 Resp: 21444

Ion	Ratio	Lower	Upper
117	100		
119	84.2	78.3	117.5
201	94.2	92.9	139.3

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

20000

15000

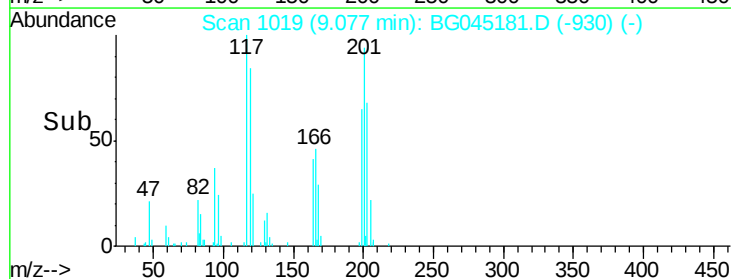
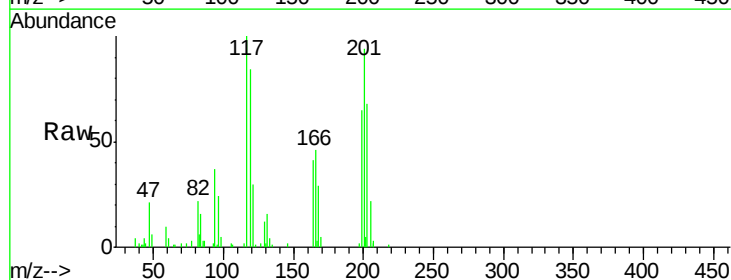
10000

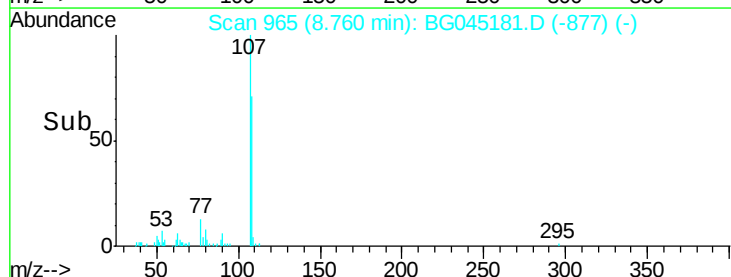
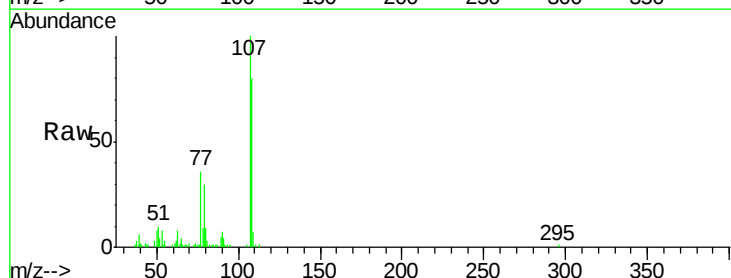
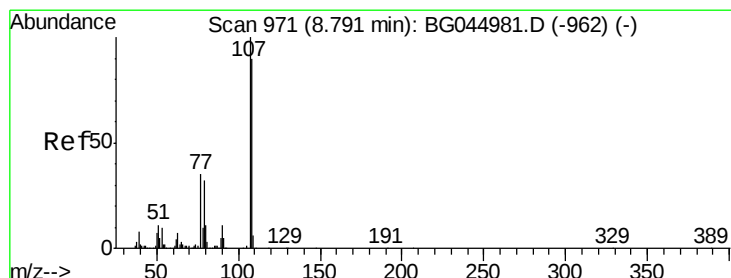
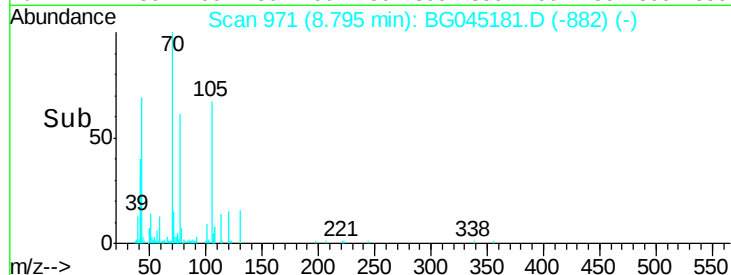
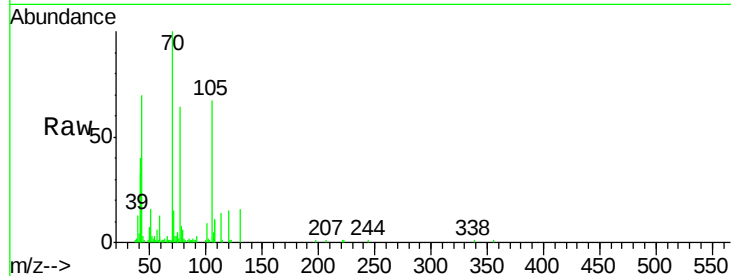
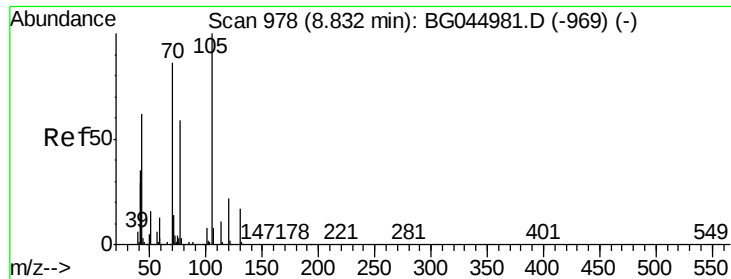
5000

0

9.00 9.05 9.10 9.15

Time-->

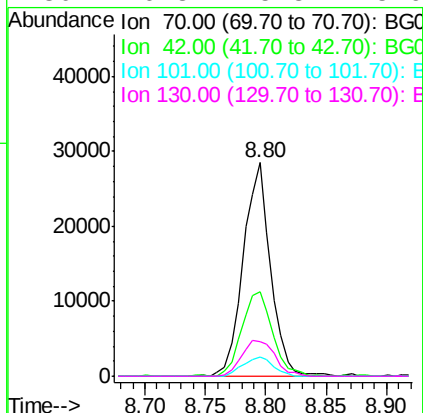




#19
n-Nitroso-di-n-propylamine
Concen: 10.951 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

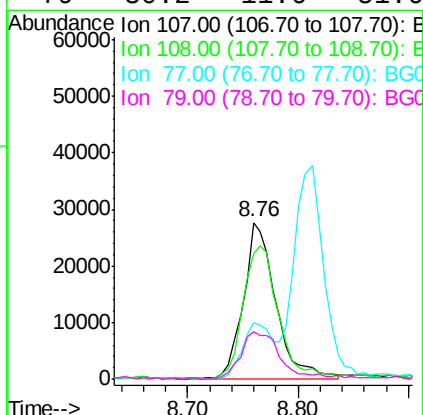
Instrument :
BNA_G
ClientSampleId :

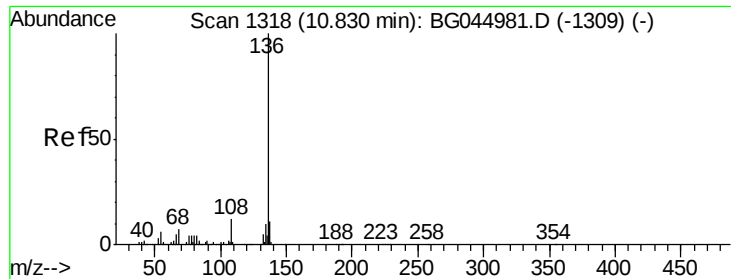
Tot Ion:	70	Resp:	44954
Ion	Ratio	Lower	Upper
70	100		
42	39.8	33.3	49.9
101	9.1	7.8	11.8
130	16.3	15.8	23.6



#20
3+4-Methylphenols
Concen: 9.149 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion:	107	Resp:	57395
Ion	Ratio	Lower	Upper
107	100		
108	80.3	69.9	109.9
77	36.1	15.2	55.2
79	30.2	11.6	51.6

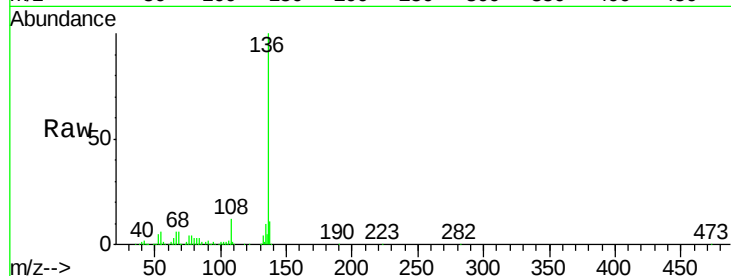




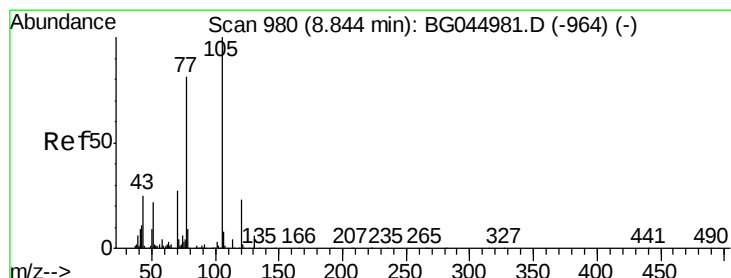
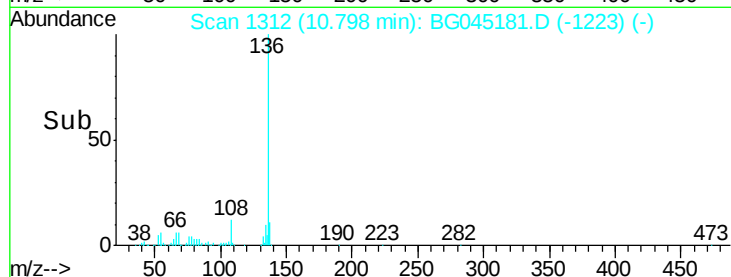
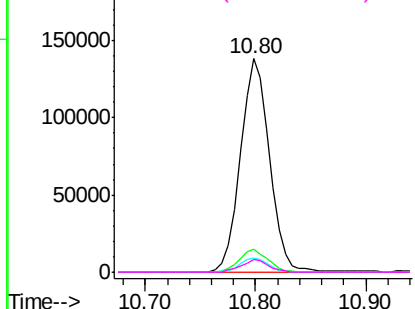
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	255846
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	13.0
54 6.4	4.8	7.2
68 6.0	5.2	7.8

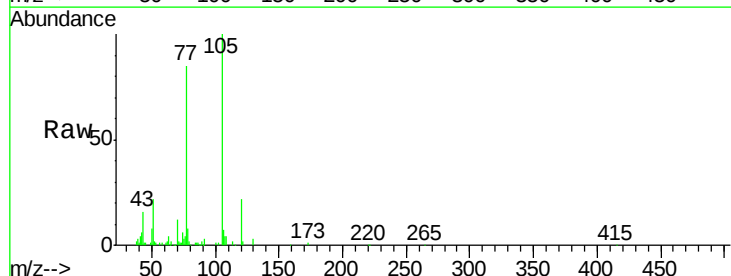


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

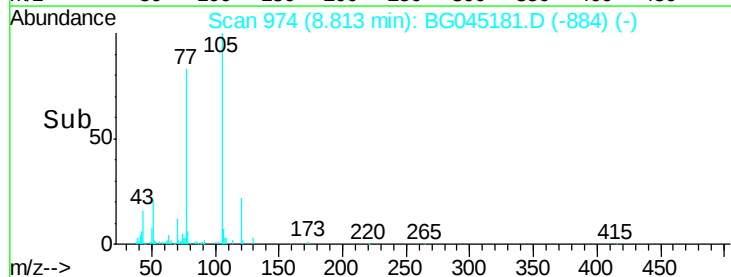
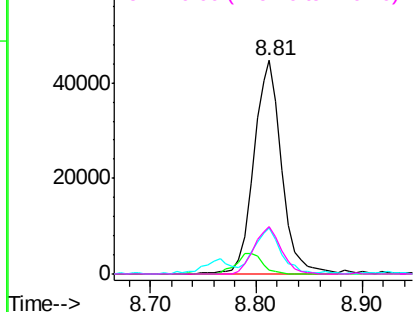


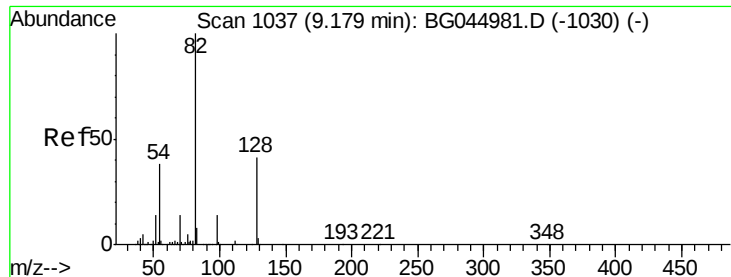
#22
Acetophenone
Concen: 11.778 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt	Ion:105	Resp:	81489
Ion	Ratio	Lower	Upper
105	100		
71	2.1	3.3	4.9#
51	21.6	17.3	25.9
120	22.0	18.4	27.6



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

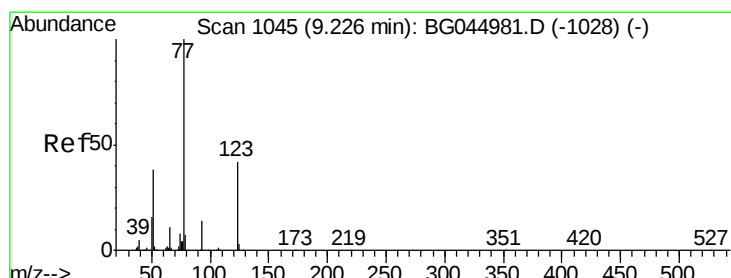
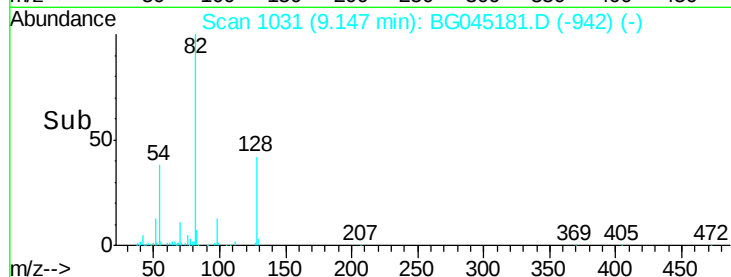
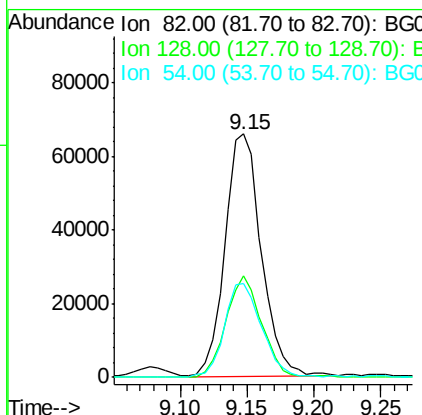
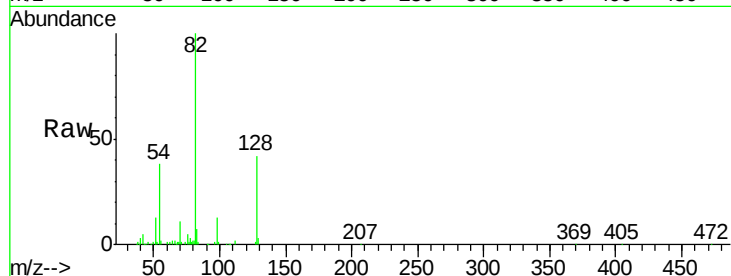




#23
 Nitrobenzene-d5
 Concen: 22.365 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

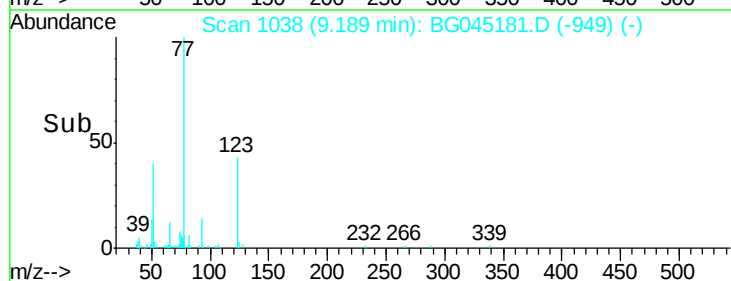
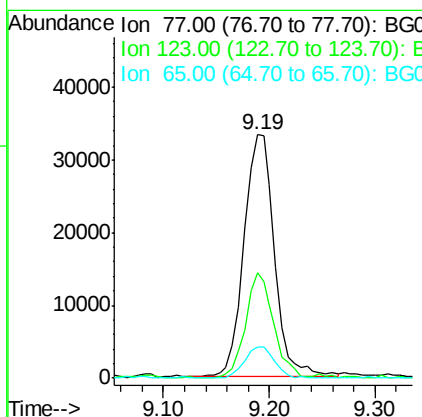
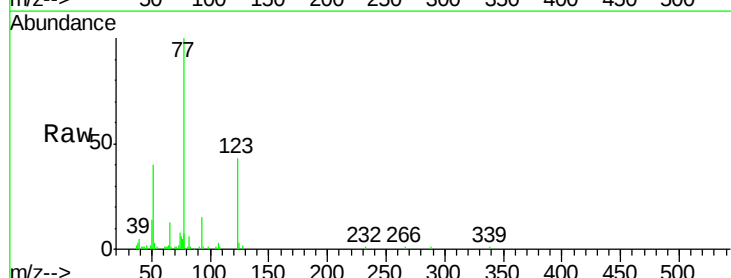
Instrument :
 BNA_G
 ClientSampleId :

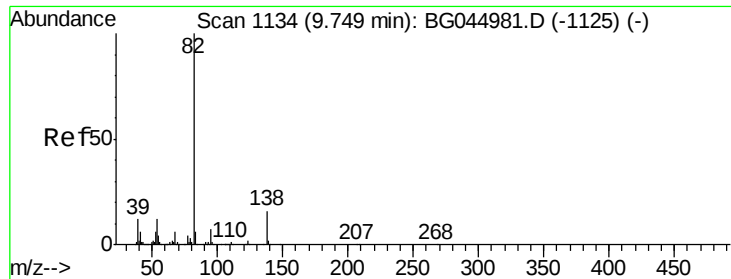
Tot Ion	82	Resp	125401
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.0	49.4
54	38.3	30.4	45.6



#24
 Nitrobenzene
 Concen: 11.574 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	77	Resp	66521
Ion Ratio	Lower	Upper	
77	100		
123	43.1	34.3	51.5
65	13.0	8.9	13.3





#25

Isophorone

Concen: 11.738 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

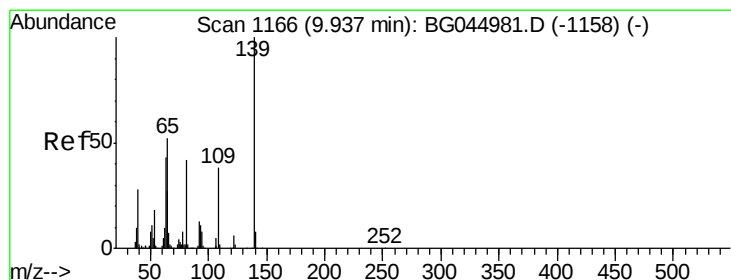
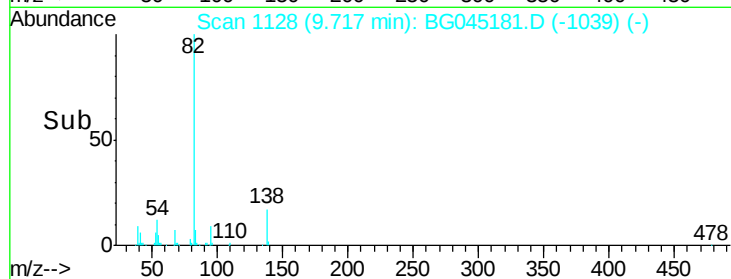
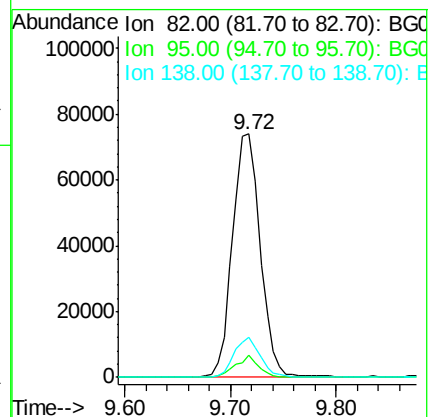
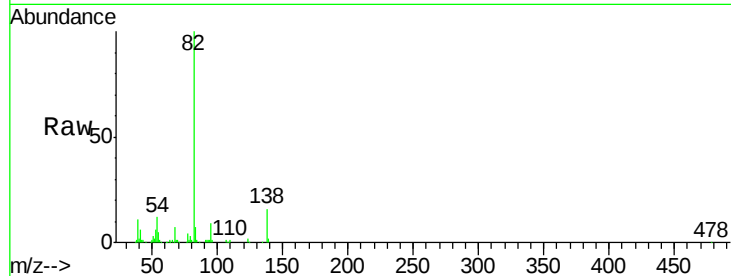
Tot Ion: 82 Resp: 134784

Ion Ratio Lower Upper

82 100

95 9.1 6.0 9.0#

138 16.3 12.7 19.1



#26

2-Nitrophenol

Concen: 11.120 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

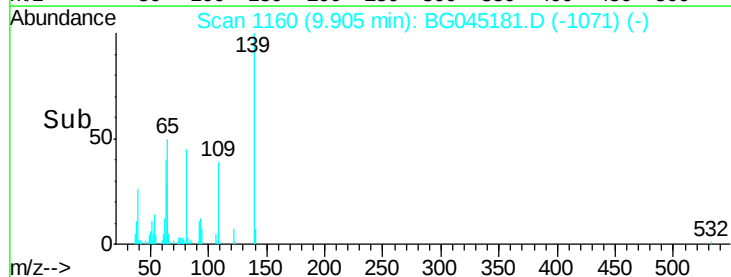
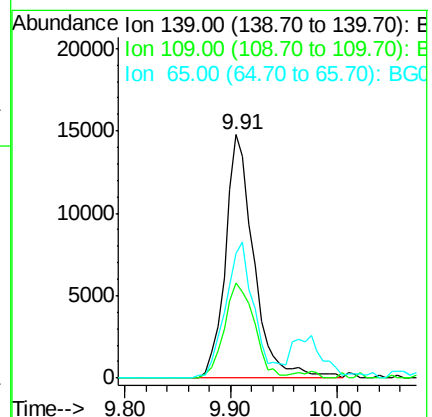
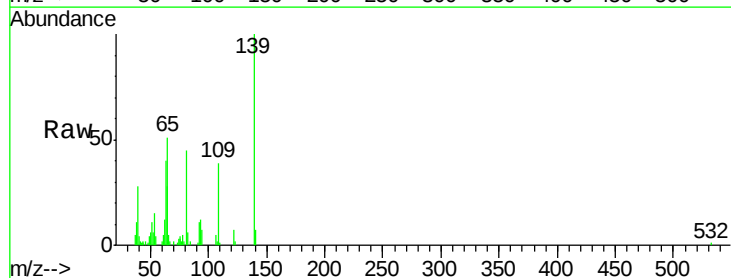
Tgt Ion: 139 Resp: 27529

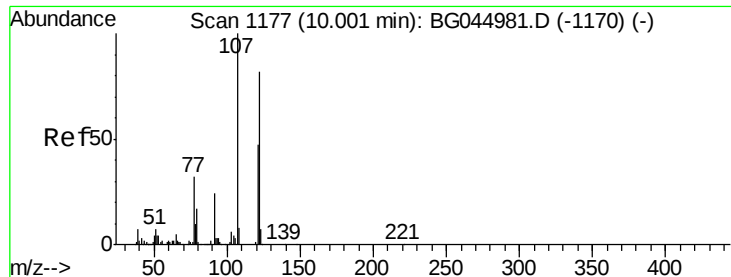
Ion Ratio Lower Upper

139 100

109 39.3 30.6 45.8

65 51.3 41.8 62.6

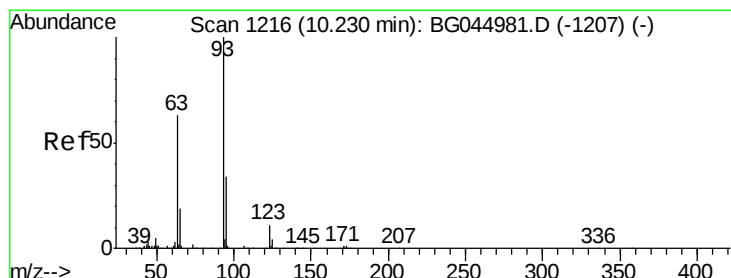
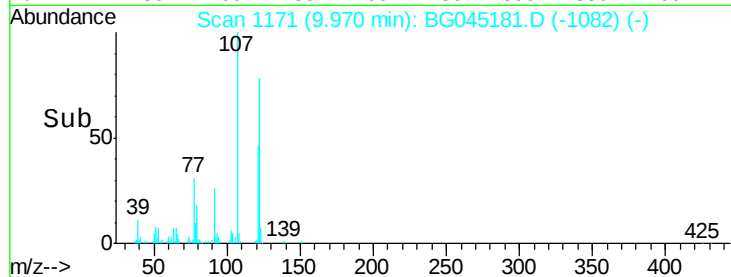
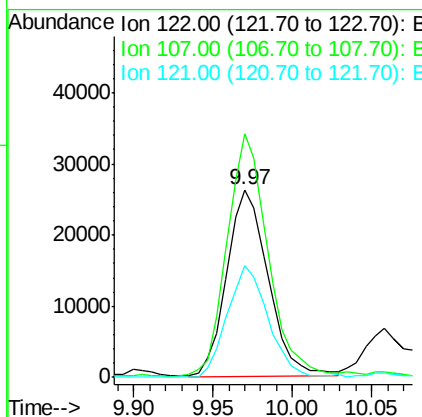
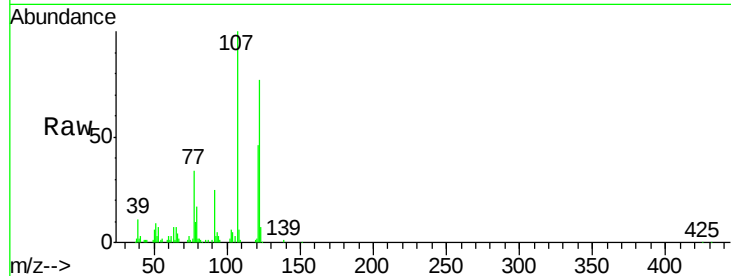




#27
 2,4-Dimethylphenol
 Concen: 12.115 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

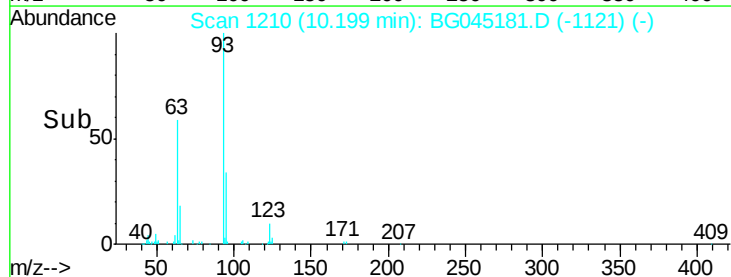
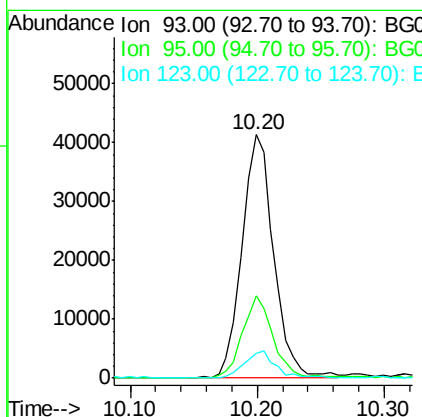
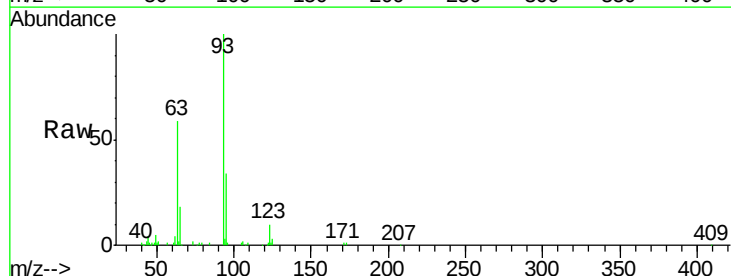
Instrument :
 BNA_G
 ClientSampleId :

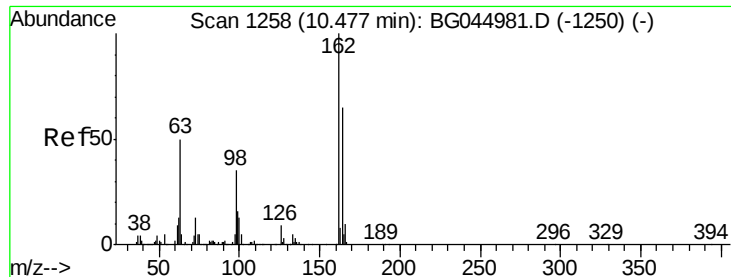
Tot Ion:122 Resp: 47591
 Ion Ratio Lower Upper
 122 100
 107 129.8 96.8 145.2
 121 59.4 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.883 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion: 93 Resp: 71694
 Ion Ratio Lower Upper
 93 100
 95 33.6 27.0 40.4
 123 10.3 8.7 13.1

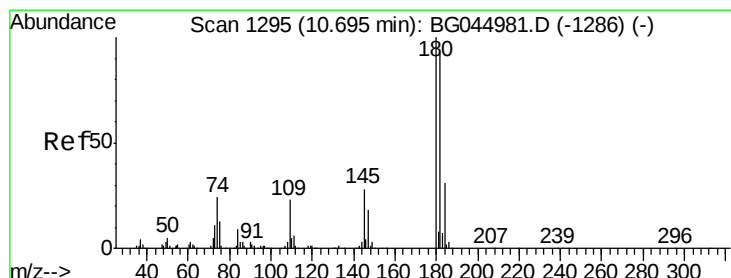
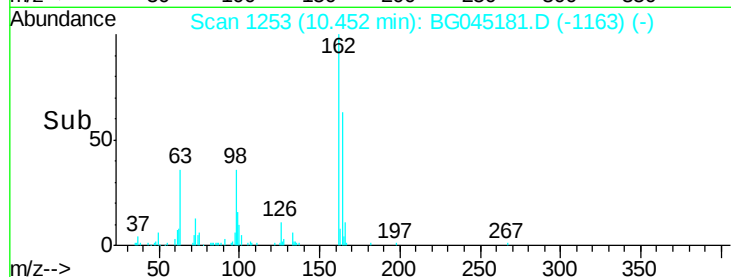
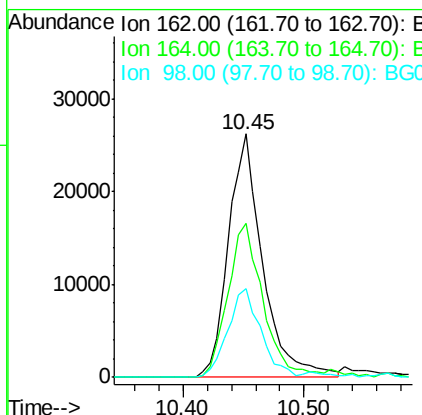
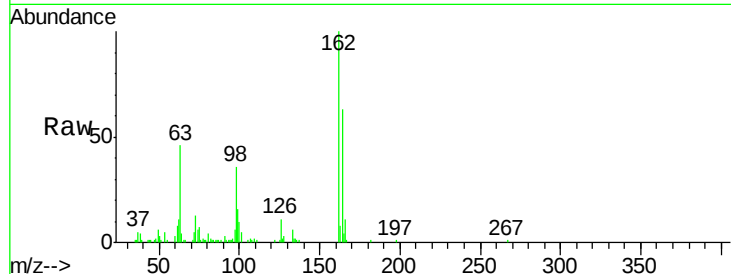




#29
 2,4-Dichlorophenol
 Concen: 11.393 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

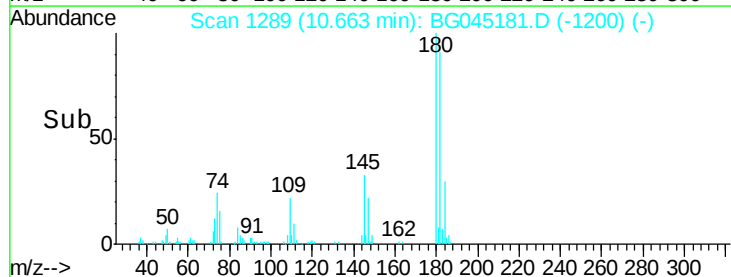
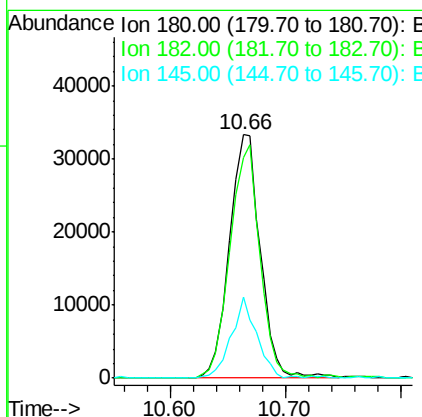
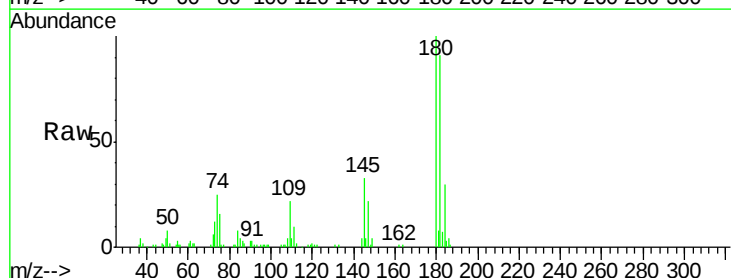
Instrument :
 BNA_G
 ClientSampleId :

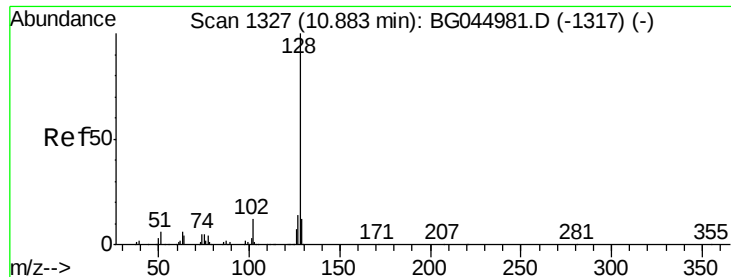
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.0	85.0
98	36.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 12.055 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	73.3	109.9
145	33.0	22.6	33.8

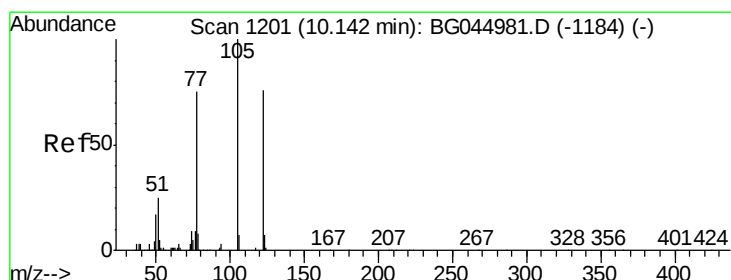
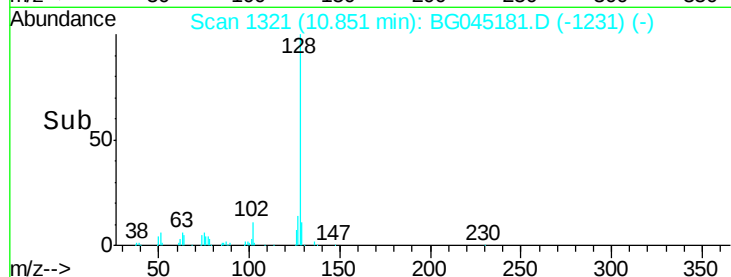
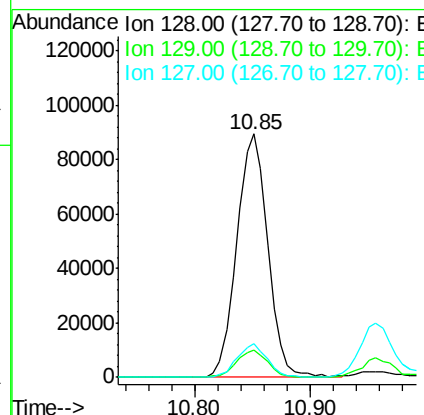
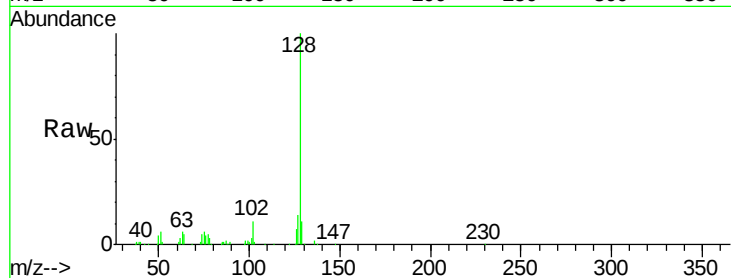




#31
Naphthalene
Concen: 11.890 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

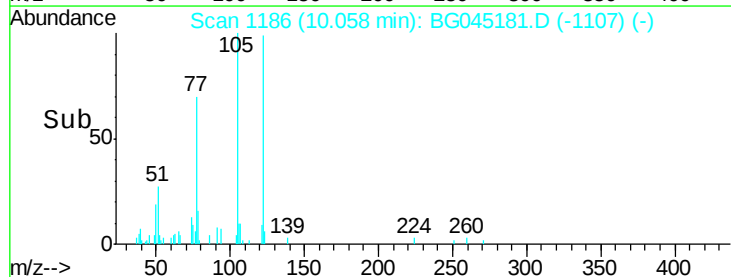
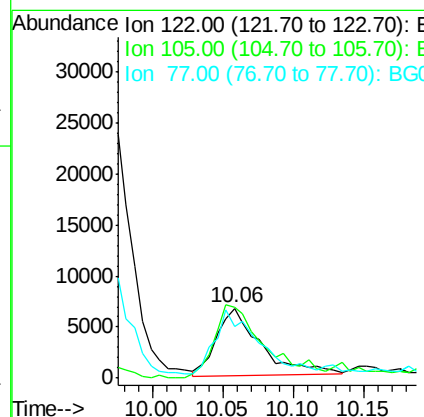
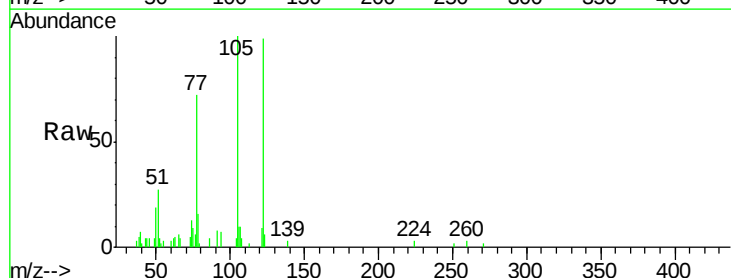
Instrument :
BNA_G
ClientSampleId :

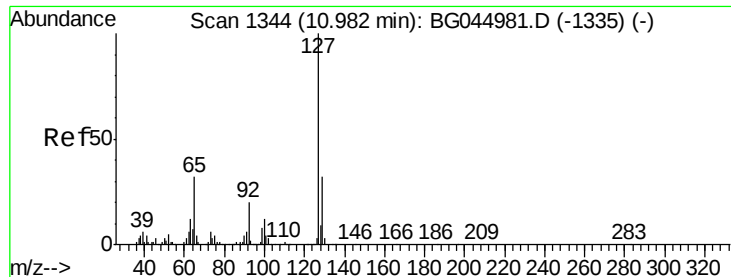
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.7	10.8	16.2



#32
Benzoic acid
Concen: 10.281 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.06 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	101.4	108.4	148.4#
77	73.4	78.8	118.8#

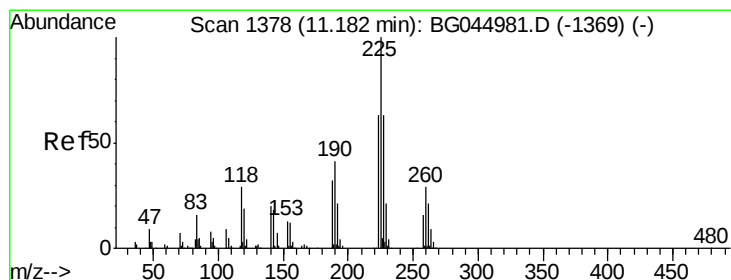
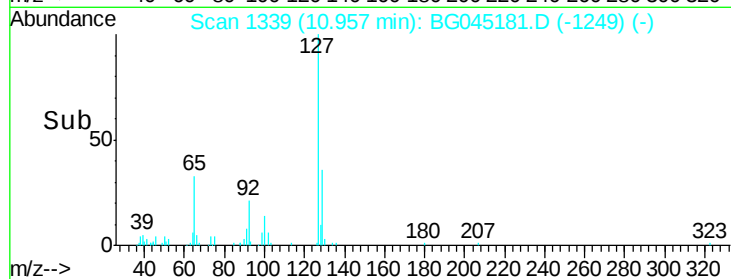
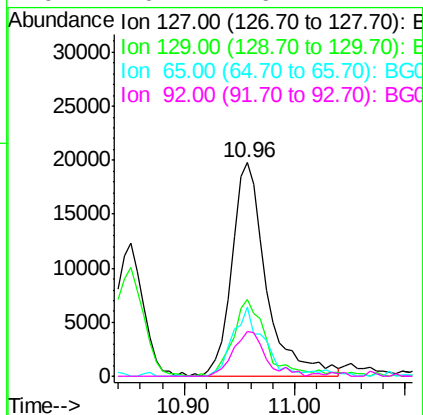
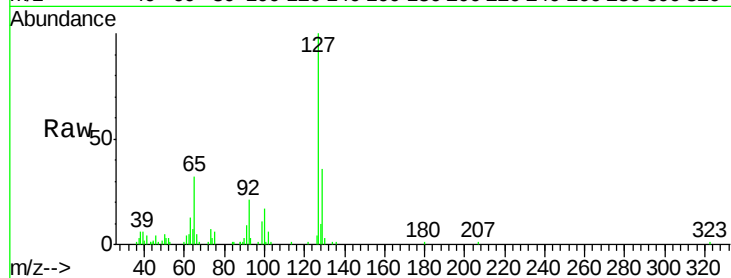




#33
4-Chloroaniline
Concen: 6.634 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

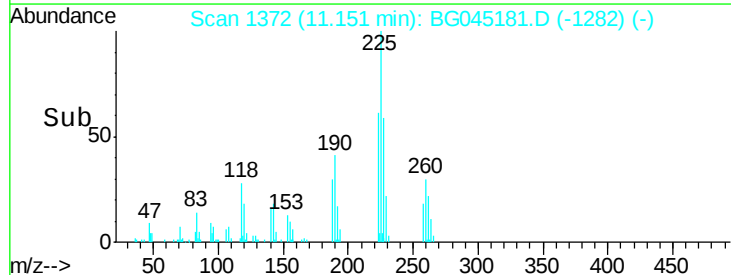
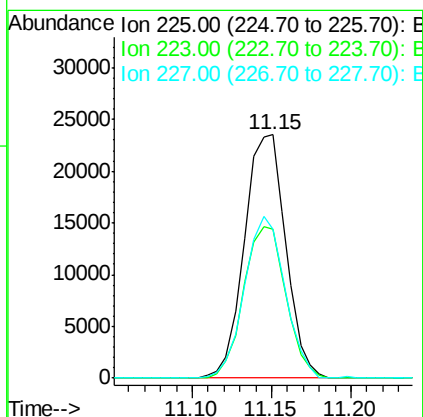
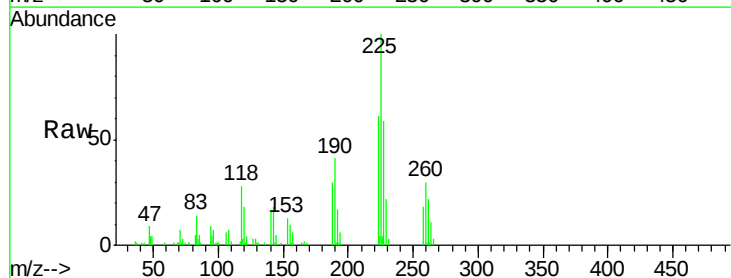
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	43302
Ion	Ratio	Lower	Upper
127	100		
129	35.7	25.7	38.5
65	32.2	25.4	38.2
92	20.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 12.117 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion:	225	Resp:	42663
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.7	76.1
227	61.1	50.2	75.2

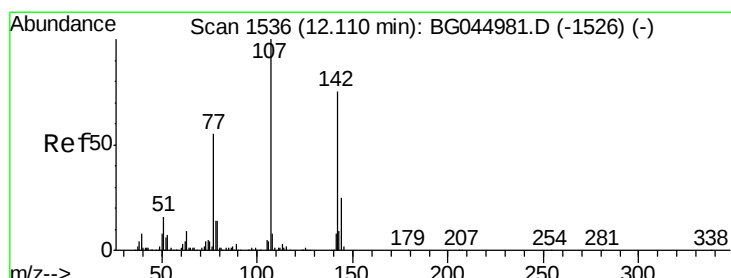
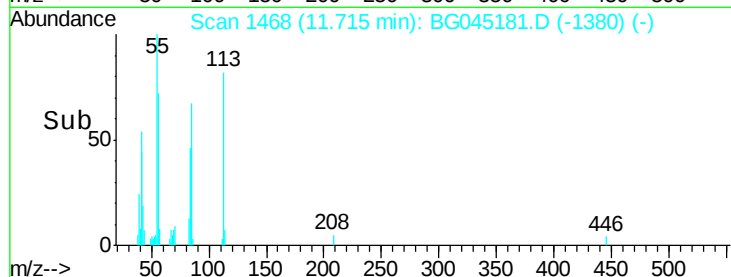
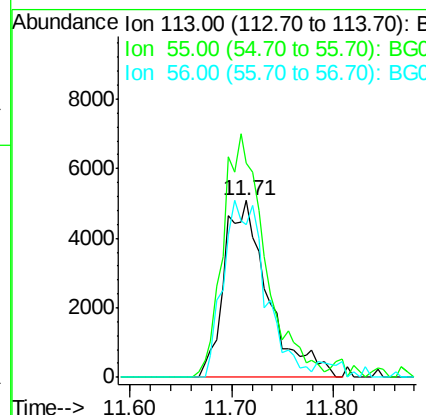
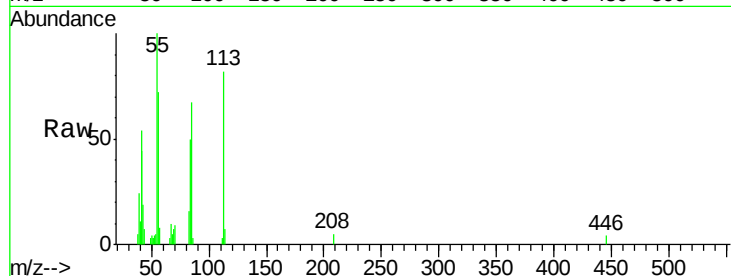




#35
Caprolactam
Concen: 8.458 ng
RT: 11.71 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

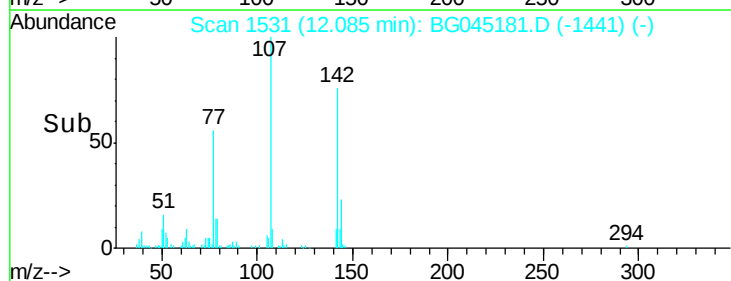
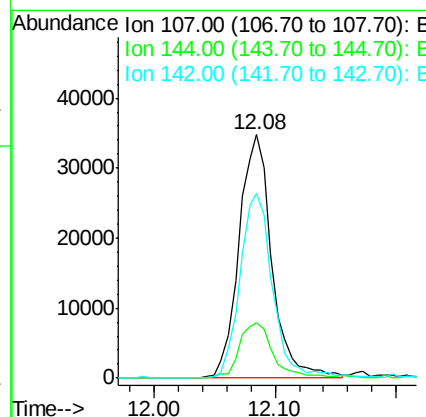
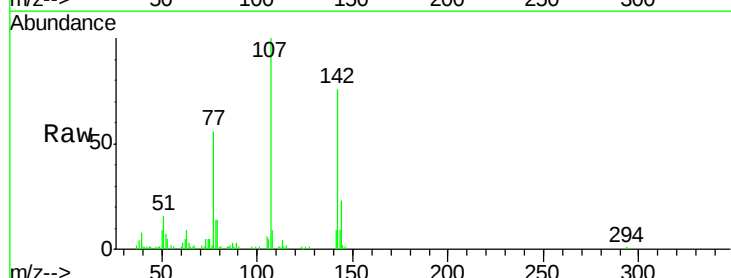
Instrument :
BNA_G
ClientSampleId :

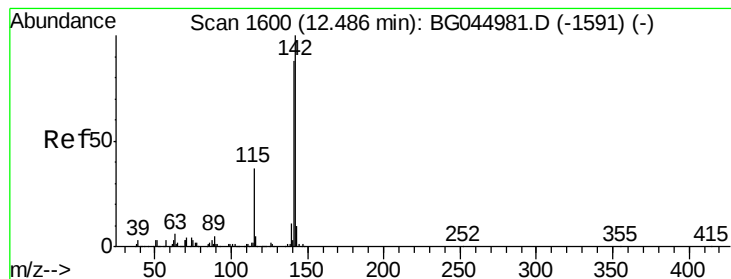
Tot Ion:113 Resp: 15269
Ion Ratio Lower Upper
113 100
55 121.3 118.8 158.8
56 86.7 82.6 122.6



#36
4-Chloro-3-methylphenol
Concen: 12.416 ng
RT: 12.08 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion:107 Resp: 66158
Ion Ratio Lower Upper
107 100
144 22.7 19.8 29.6
142 75.9 59.7 89.5





#37

2-Methylnaphthalene

Concen: 12.291 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

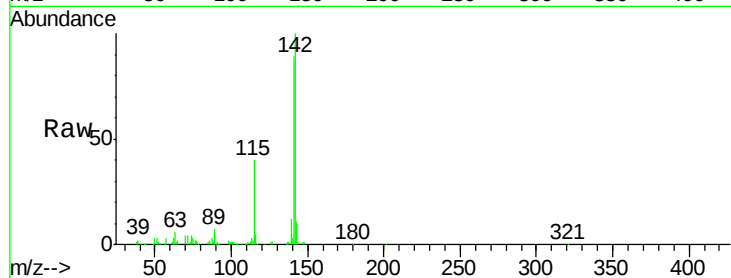
Tot Ion:142 Resp: 133525

Ion Ratio Lower Upper

142 100

141 88.6 70.3 105.5

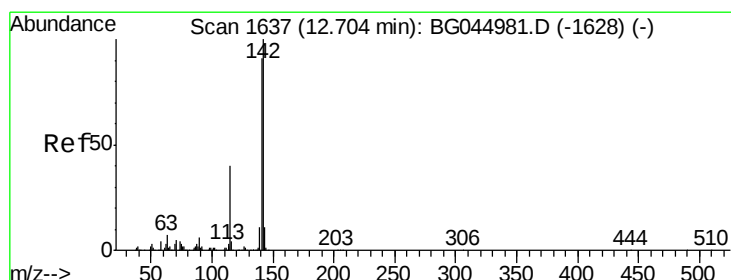
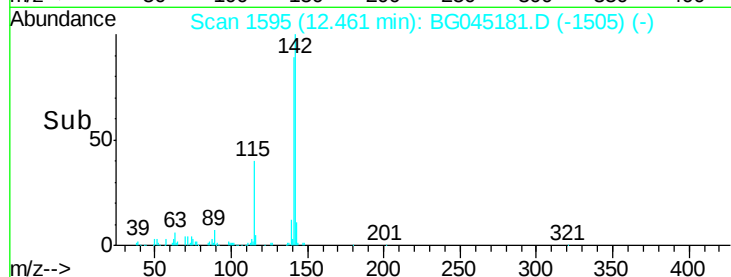
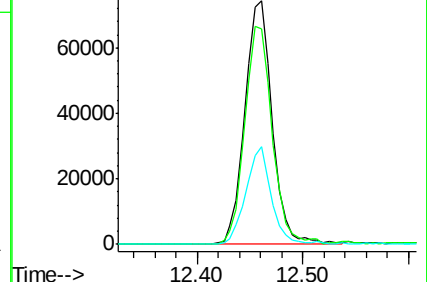
115 39.9 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 12.813 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

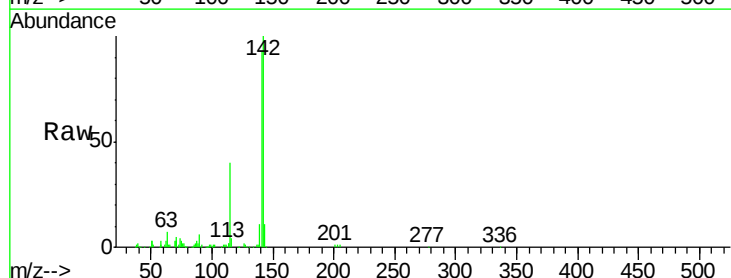
Tgt Ion:142 Resp: 131406

Ion Ratio Lower Upper

142 100

141 92.5 72.7 109.1

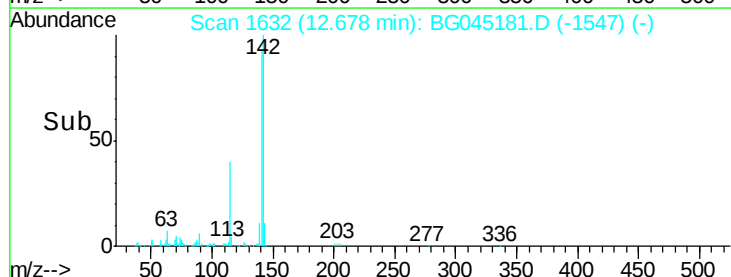
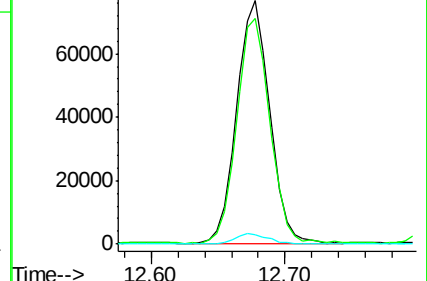
116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

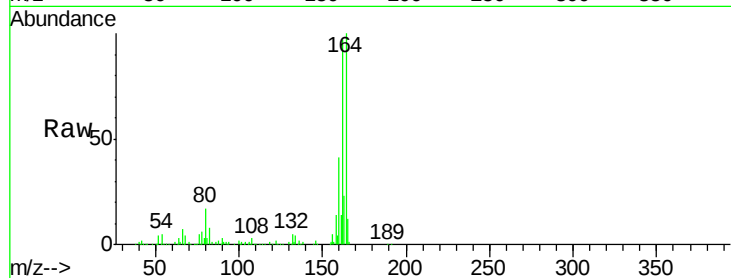
Tot Ion:164 Resp: 206806

Ion Ratio Lower Upper

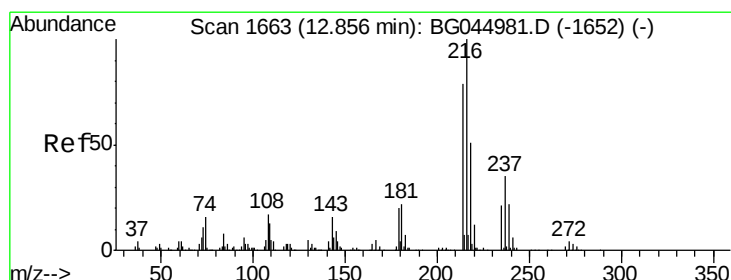
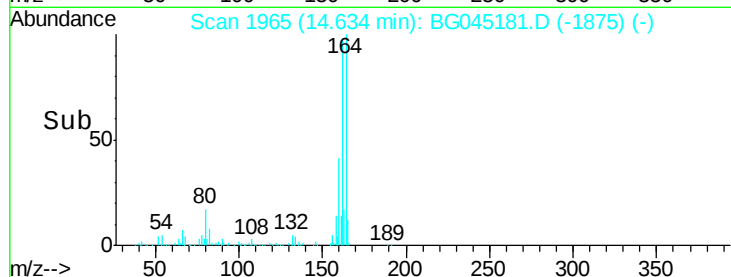
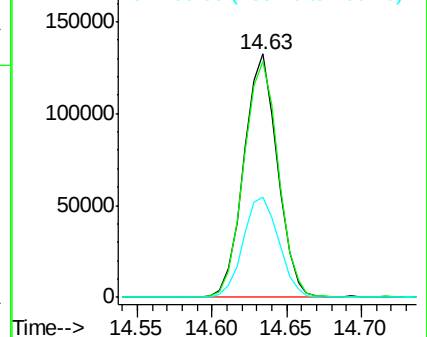
164 100

162 96.8 78.7 118.1

160 41.1 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.262 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:216 Resp: 74989

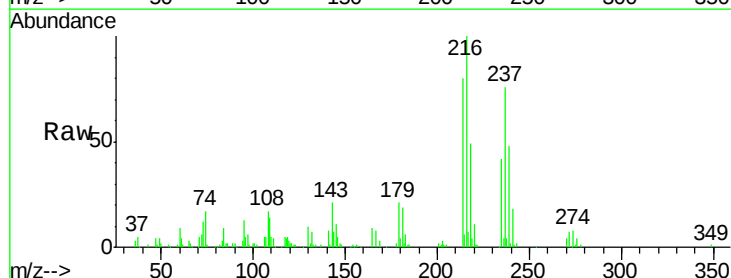
Ion Ratio Lower Upper

216 100

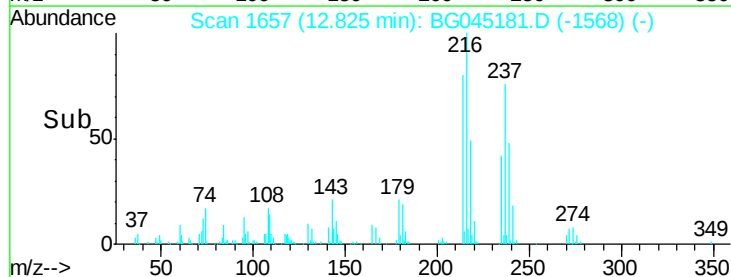
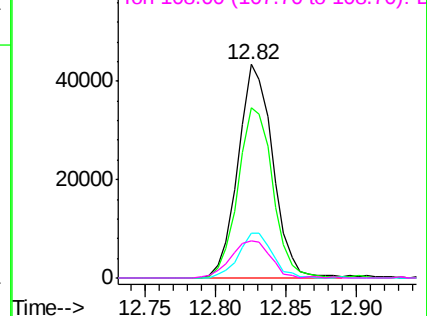
214 79.4 63.0 94.6

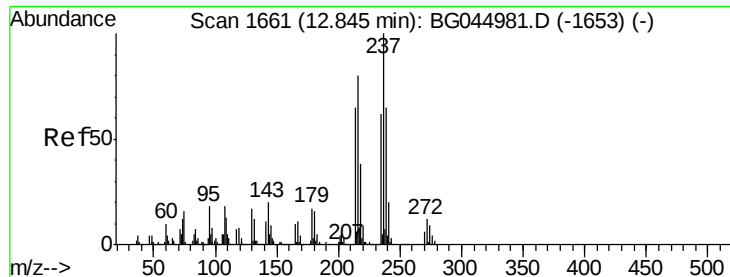
179 20.4 15.8 23.8

108 19.5 14.2 21.2



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





#41

Hexachlorocyclopentadiene

Concen: 22.297 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

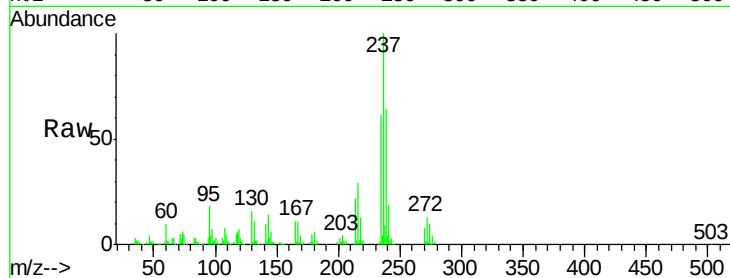
Tot Ion:237 Resp: 92796

Ion Ratio Lower Upper

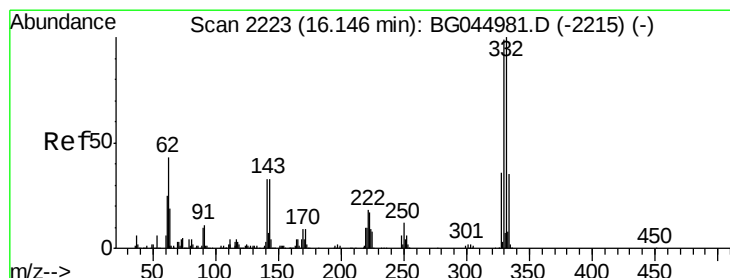
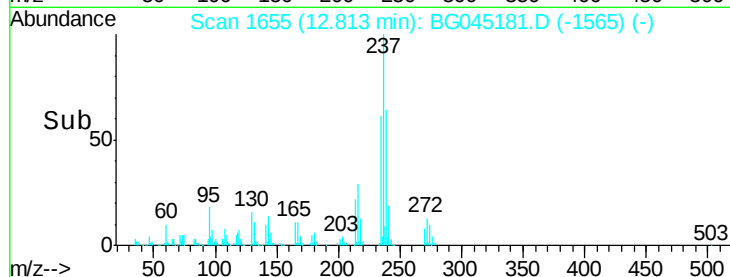
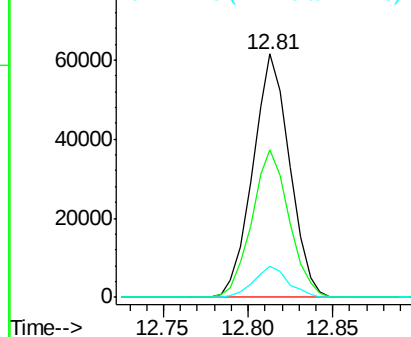
237 100

235 60.9 41.6 81.6

272 12.6 0.0 32.1



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



#42

2,4,6-Tribromophenol

Concen: 36.256 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

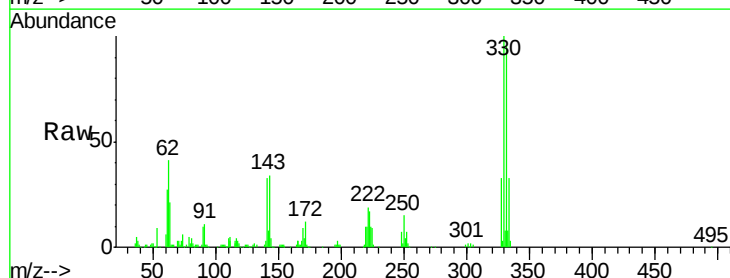
Tgt Ion:330 Resp: 115835

Ion Ratio Lower Upper

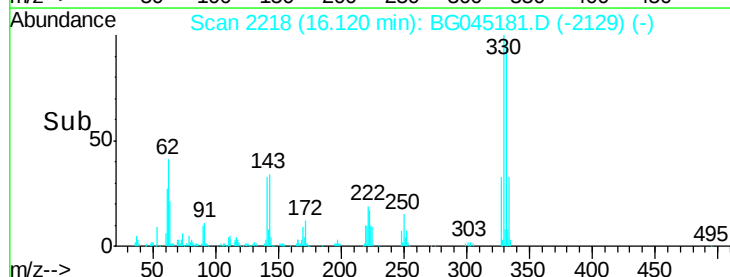
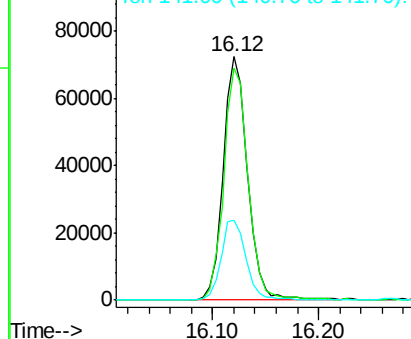
330 100

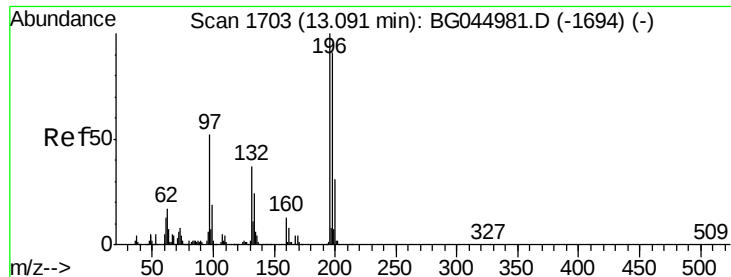
332 95.5 79.1 118.7

141 33.8 27.1 40.7



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

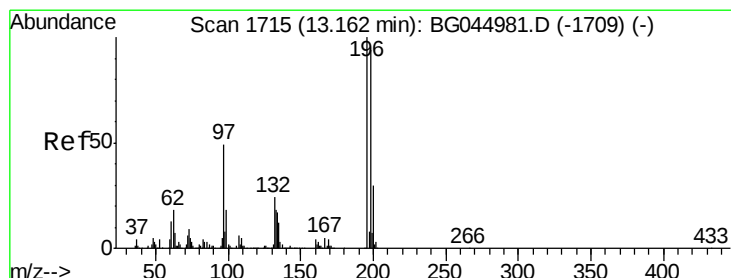
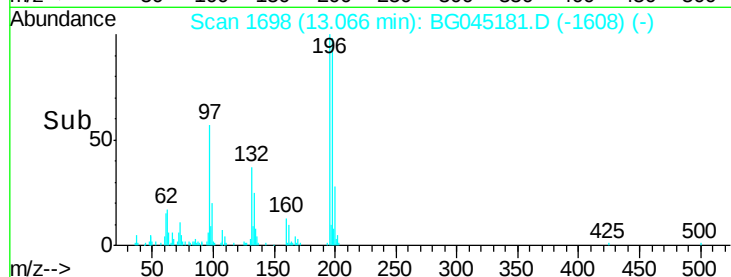
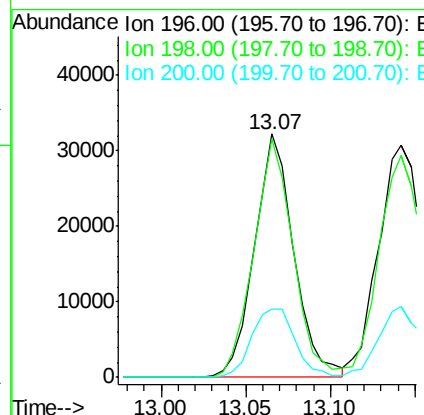
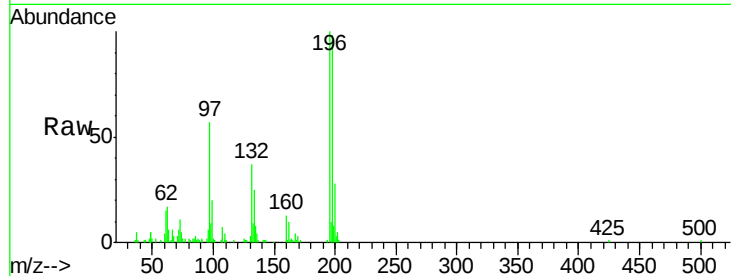




#43
 2,4,6-Trichlorophenol
 Concen: 11.064 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

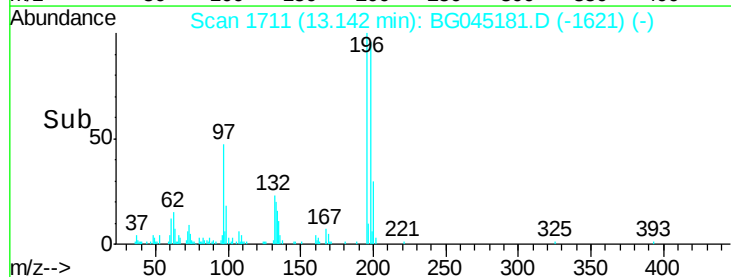
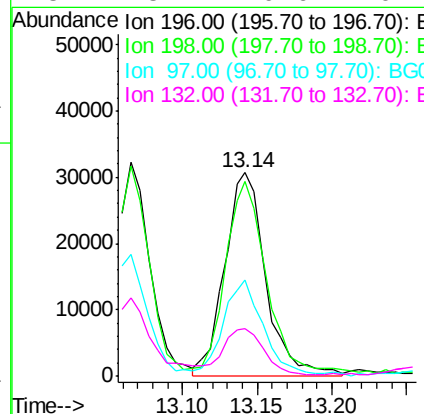
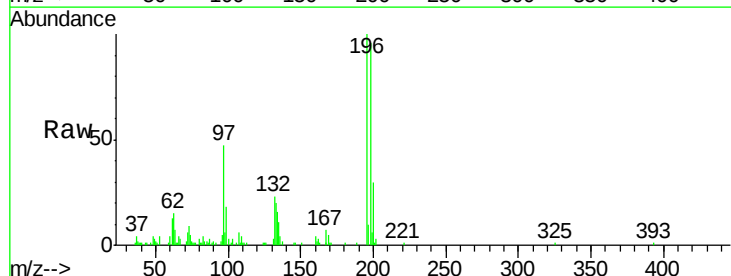
Instrument :
 BNA_G
 ClientSampleId :

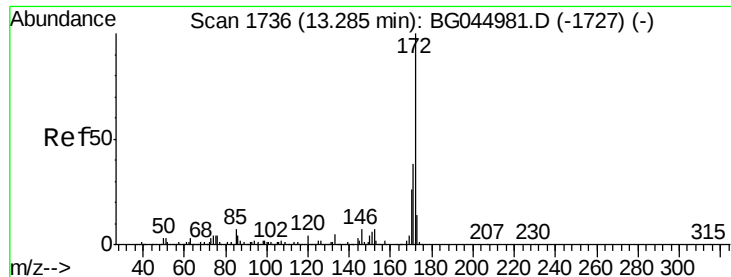
Tot Ion:196 Resp: 51992
 Ion Ratio Lower Upper
 196 100
 198 98.1 72.5 108.7
 200 27.8 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 11.031 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion:196 Resp: 59008
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 97 47.0 39.6 59.4
 132 23.4 19.6 29.4

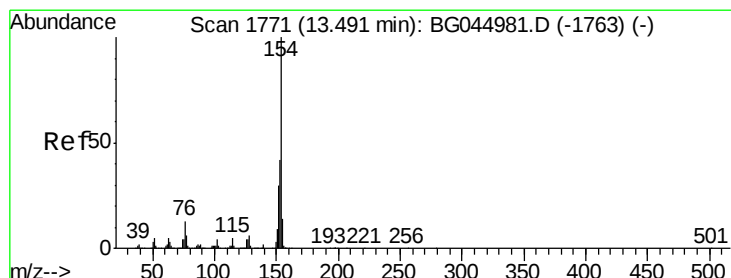
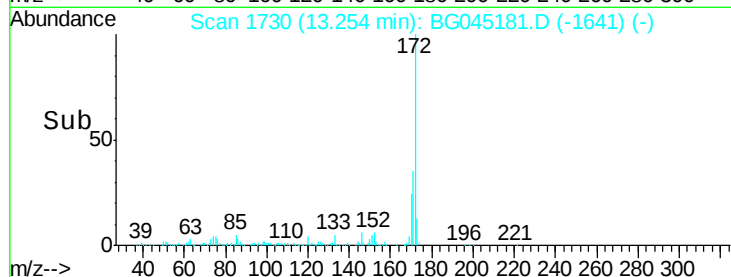
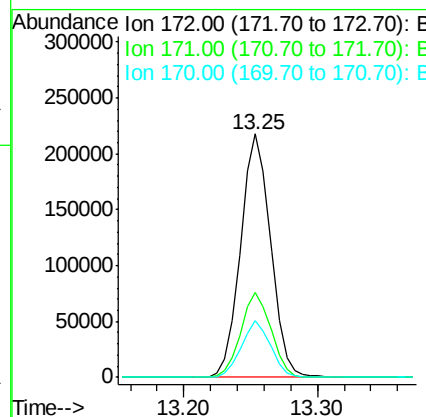
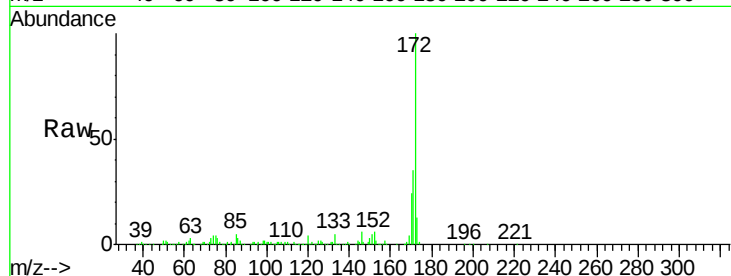




#45
2-Fluorobiphenyl
Concen: 24.050 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

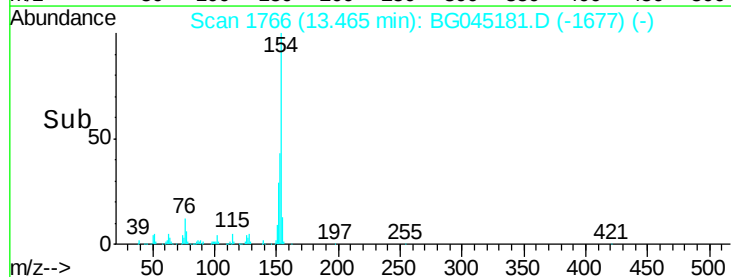
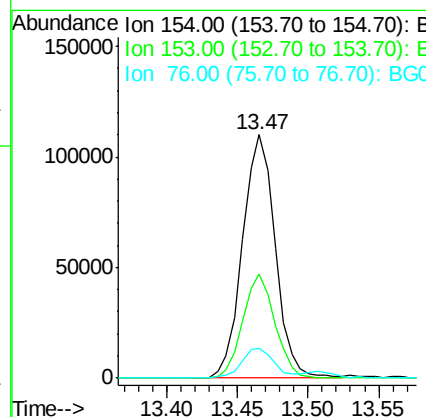
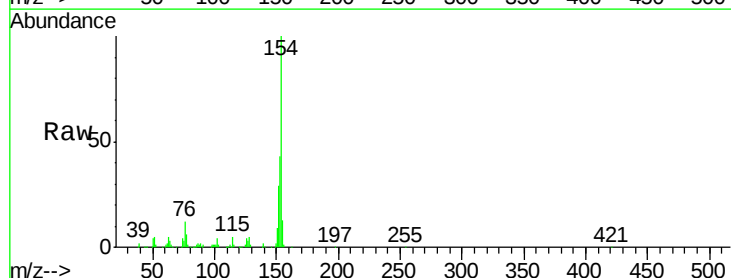
Instrument :
BNA_G
ClientSampleId :

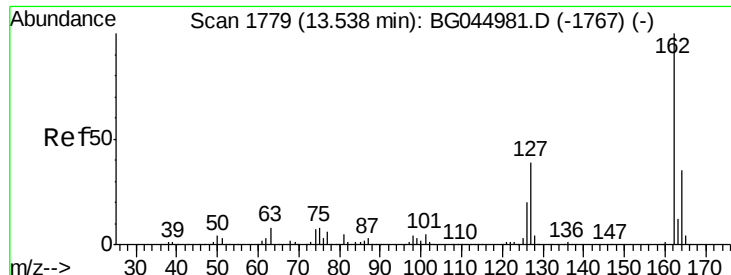
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.6	46.0
170	23.6	20.5	30.7



#46
1,1'-Biphenyl
Concen: 11.371 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.9	61.9
76	12.5	0.0	33.1

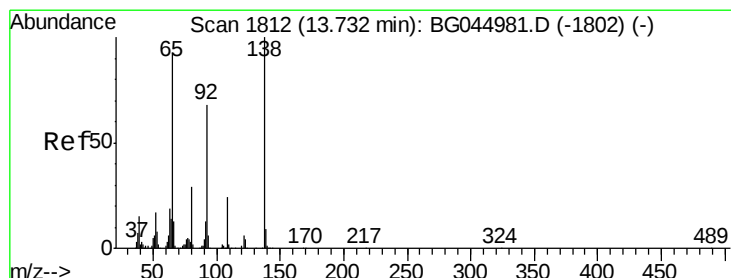
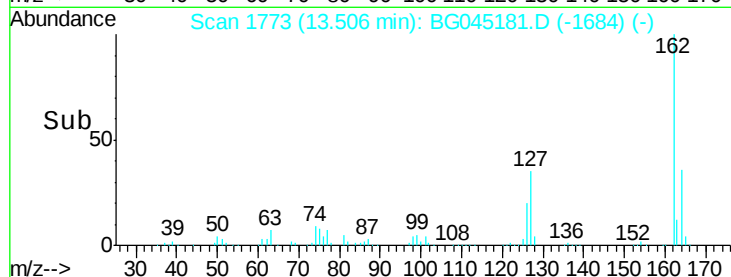
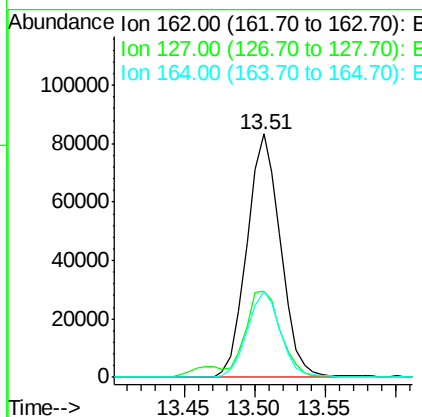
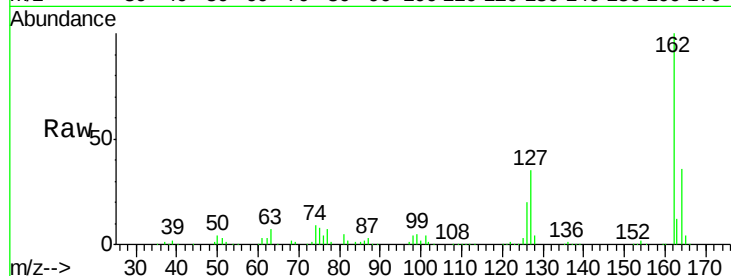




#47
 2-Chloronaphthalene
 Concen: 11.566 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

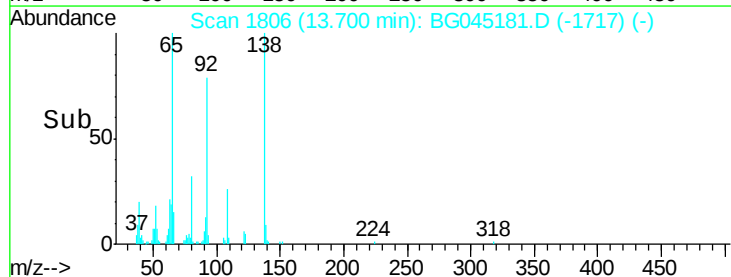
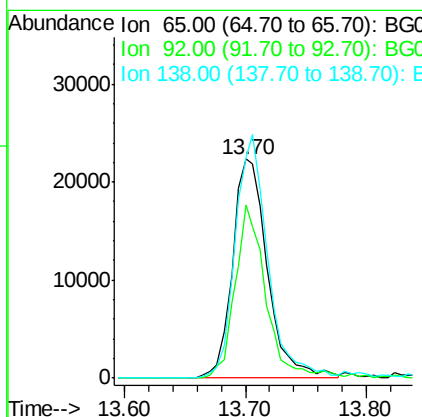
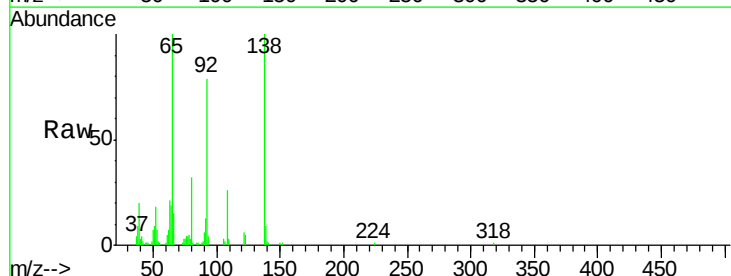
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 138912
 Ion Ratio Lower Upper
 162 100
 127 35.2 31.3 46.9
 164 35.6 27.8 41.8



#48
 2-Nitroaniline
 Concen: 11.402 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion: 65 Resp: 45058
 Ion Ratio Lower Upper
 65 100
 92 78.9 58.3 87.5
 138 100.4 85.6 128.4





#49

Acenaphthylene

Concen: 12.285 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

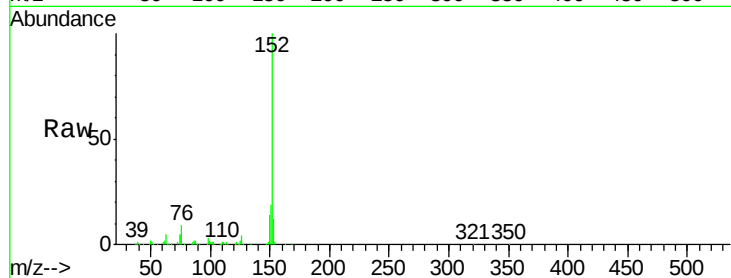
Tot Ion:152 Resp: 240345

Ion Ratio Lower Upper

152 100

151 19.5 17.2 25.8

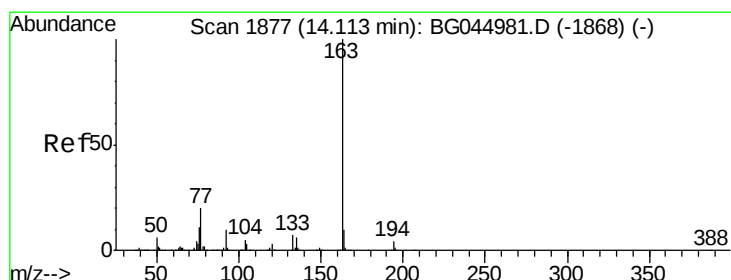
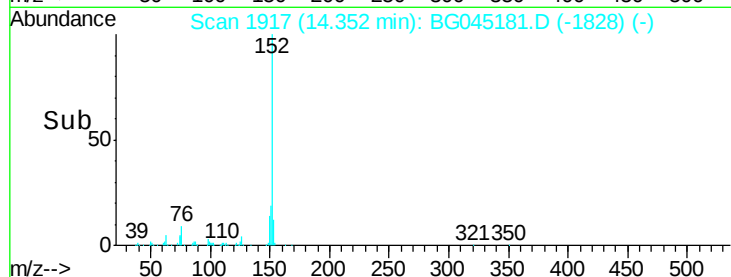
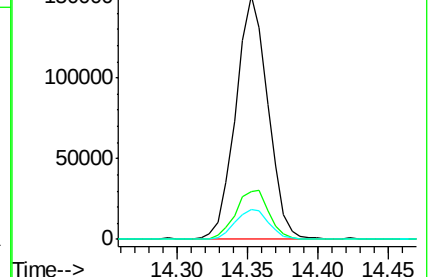
153 12.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 12.574 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

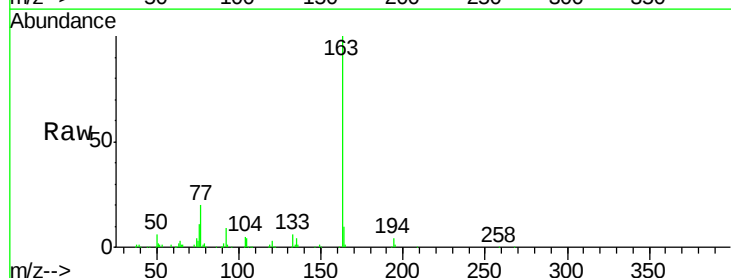
Tgt Ion:163 Resp: 211740

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

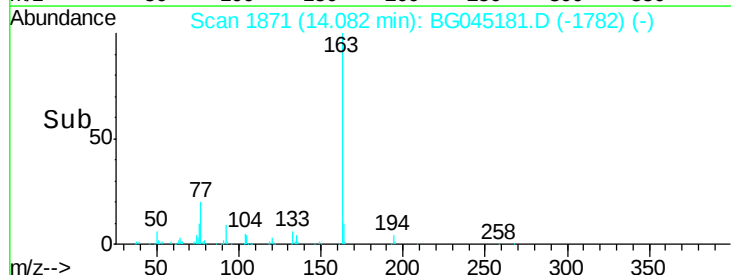
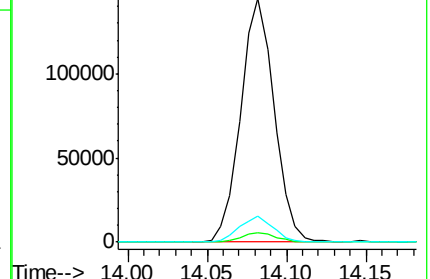
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

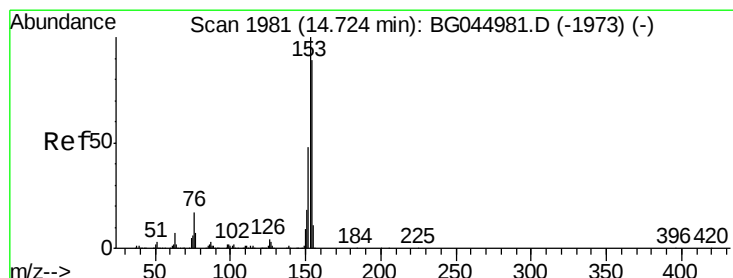
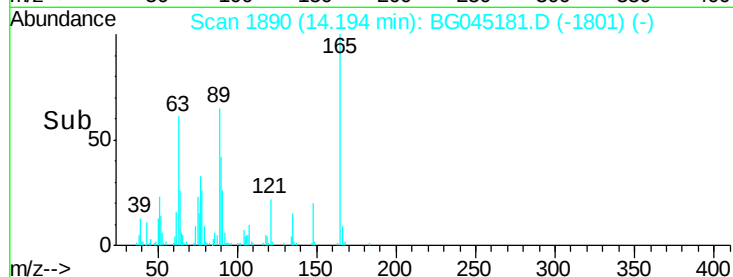
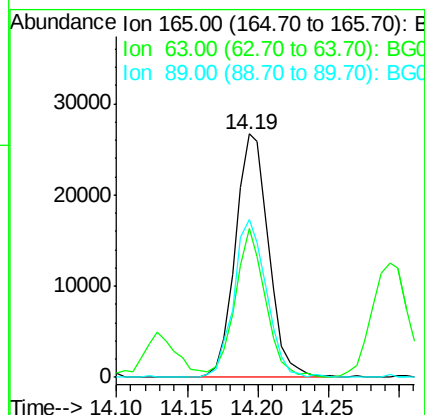
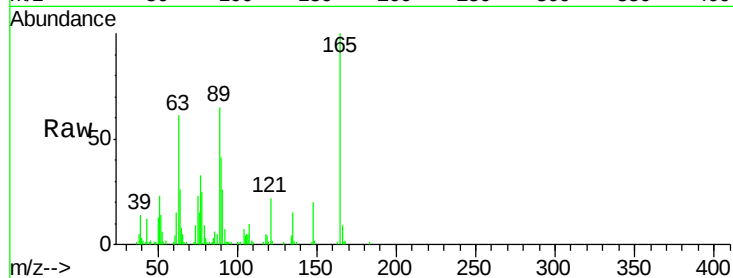




#51
 2,6-Dinitrotoluene
 Concen: 11.607 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

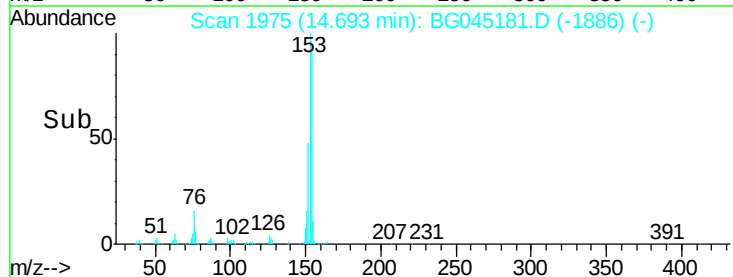
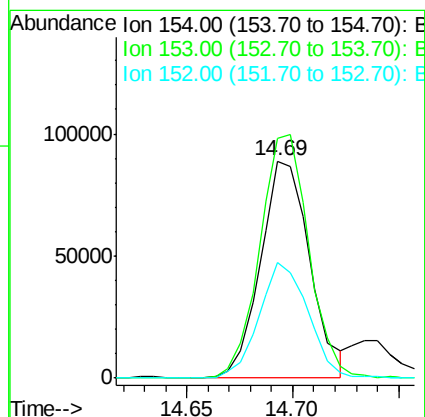
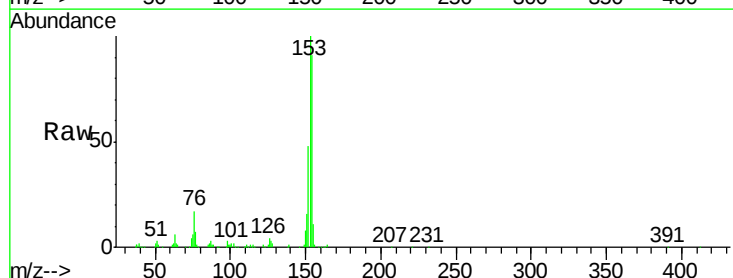
Instrument :
 BNA_G
 ClientSampleId :

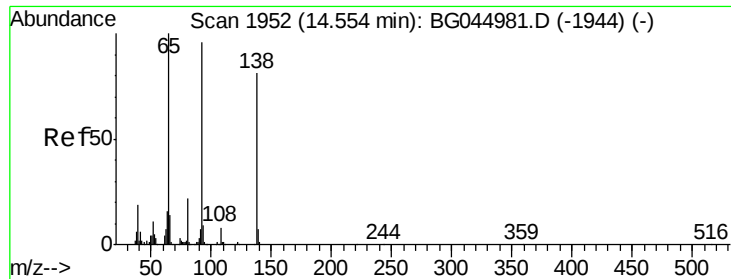
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.9	40.4	60.6#
89	64.6	49.1	73.7



#52
 Acenaphthene
 Concen: 10.924 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.7	134.5
152	53.2	43.1	64.7

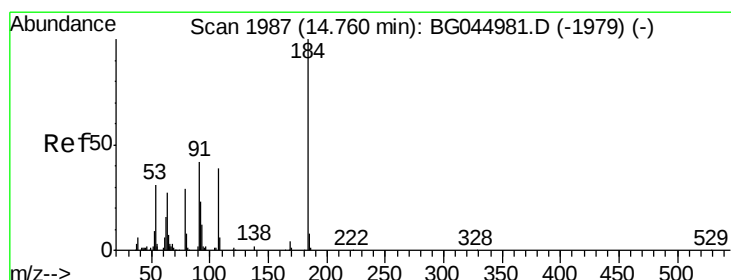
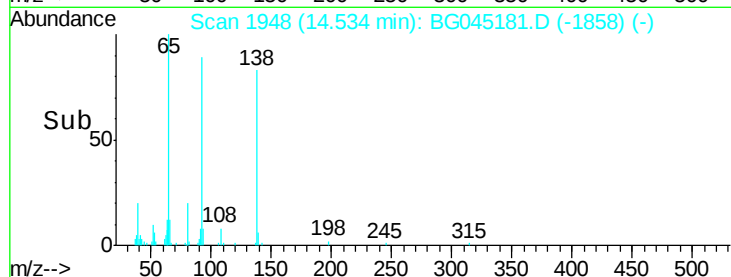
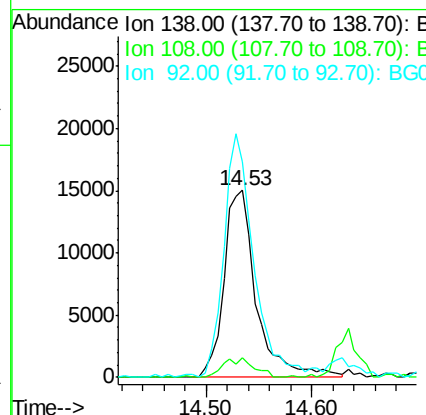
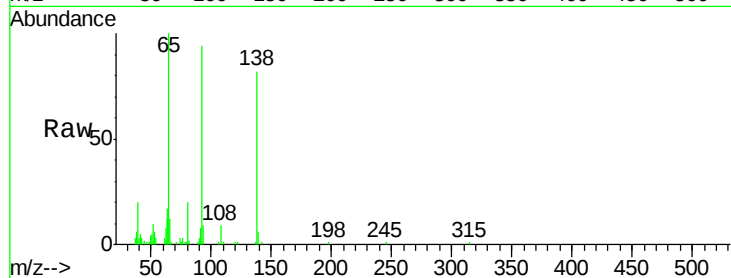




#53
3-Nitroaniline
Concen: 7.724 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

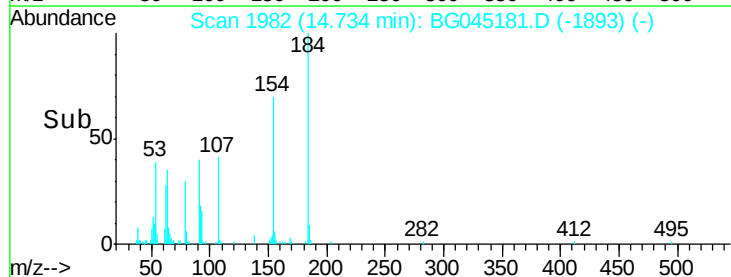
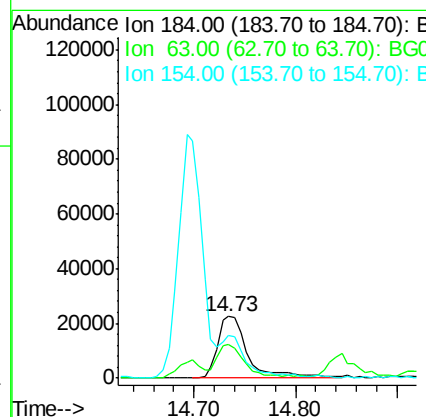
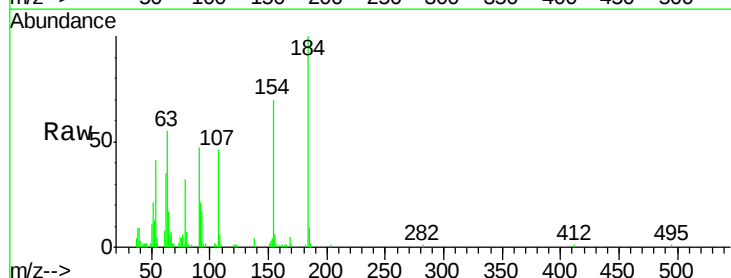
Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 31906
Ion Ratio Lower Upper
138 100
108 10.7 7.8 11.8
92 115.2 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 21.015 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion:184 Resp: 47066
Ion Ratio Lower Upper
184 100
63 54.5 41.5 62.3
154 69.6 52.3 78.5





#55

Dibenzofuran

Concen: 12.467 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

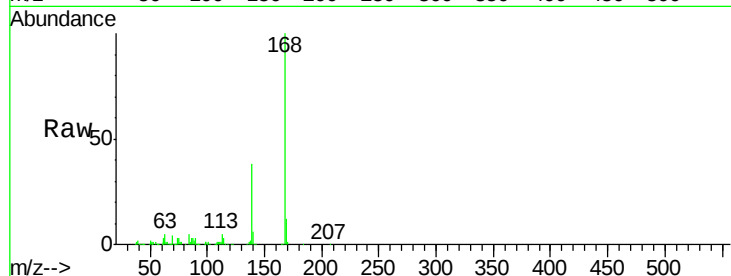
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 240597

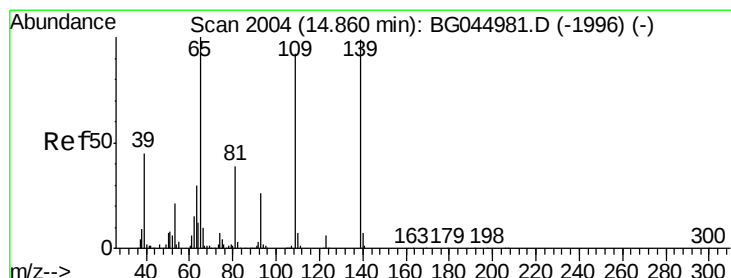
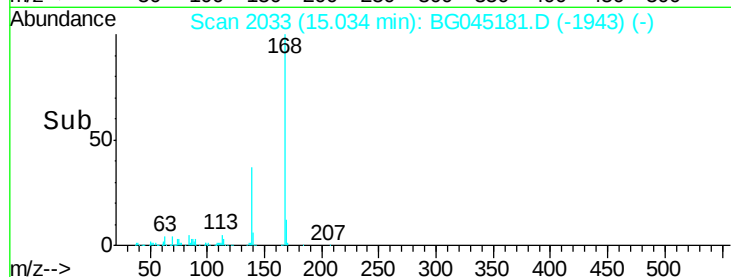
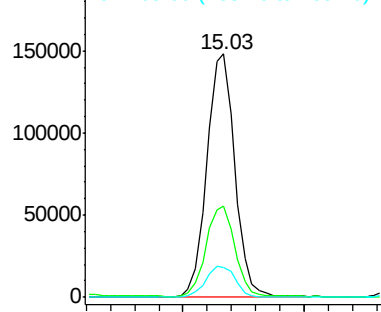
Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.4	45.6
169	12.2	11.0	16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 16.513 ng

RT: 14.85 min Scan# 2001

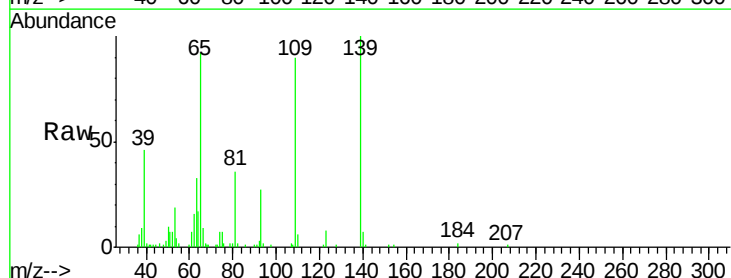
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:139 Resp: 52891

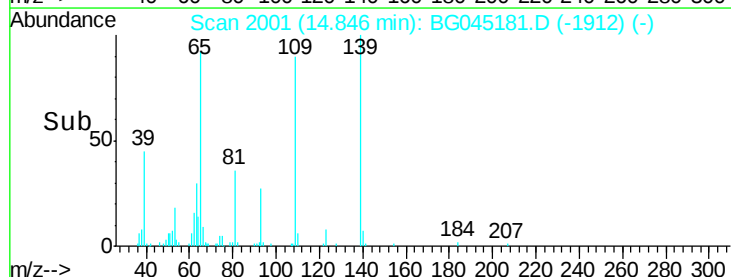
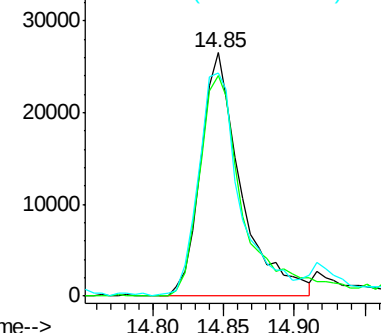
Ion	Ratio	Lower	Upper
139	100		
109	90.4	73.6	113.6
65	91.6	81.2	121.2

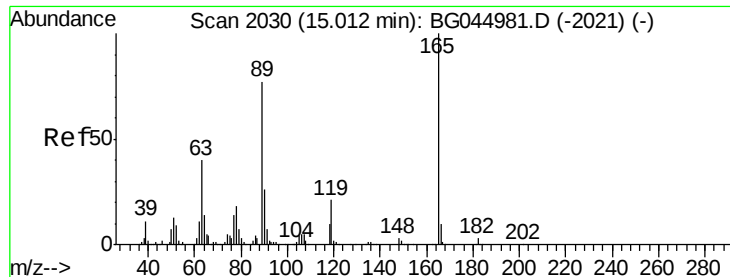


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

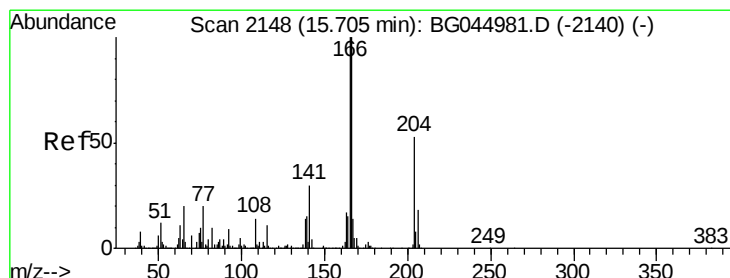
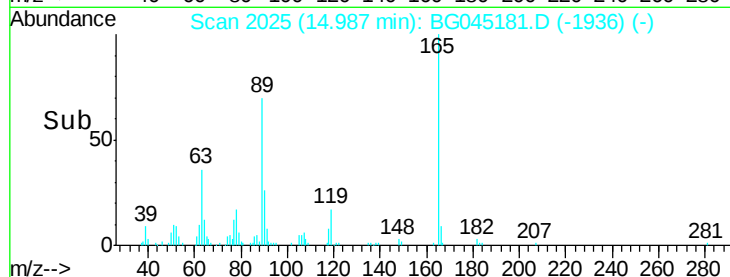
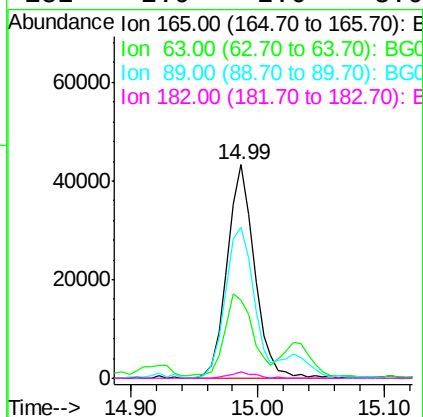
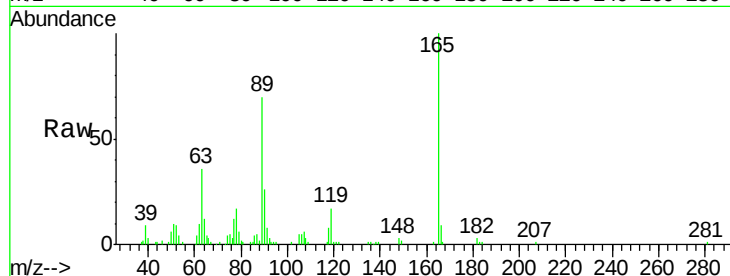




#57
 2,4-Dinitrotoluene
 Concen: 11.742 ng
 RT: 14.99 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

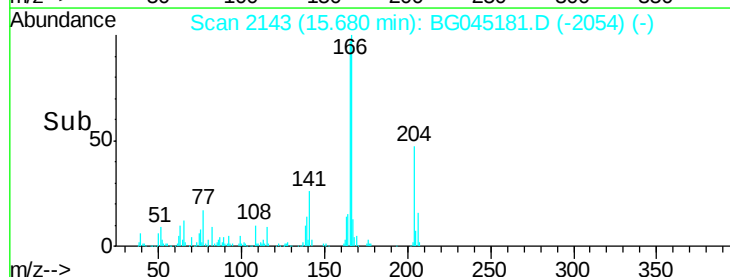
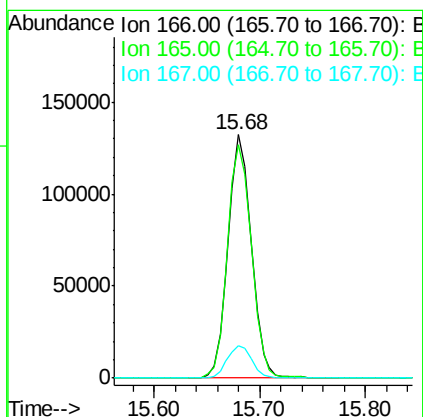
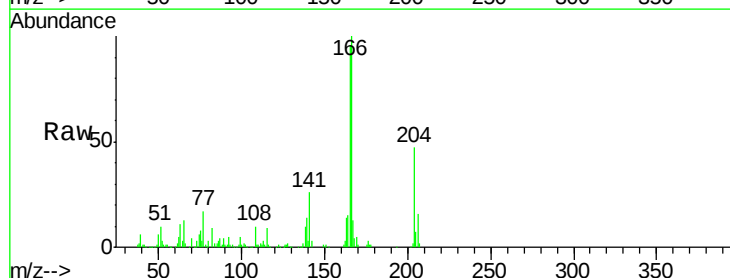
Instrument :
 BNA_G
 ClientSampleId :

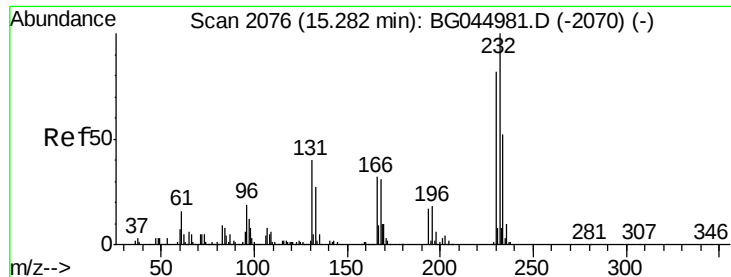
Tot Ion:165	Resp:	64629
Ion	Ratio	Lower Upper
165	100	
63	36.3	32.2 48.2
89	70.5	61.7 92.5
182	2.9	2.0 3.0



#58
 Fluorene
 Concen: 12.837 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion:166	Resp:	202344
Ion	Ratio	Lower Upper
166	100	
165	95.8	79.9 119.9
167	13.1	11.4 17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 12.749 ng

RT: 15.26 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 60681

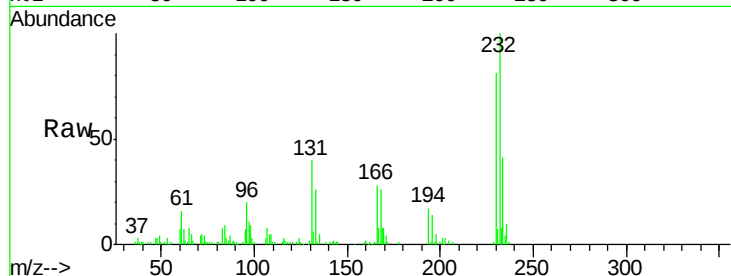
Ion Ratio Lower Upper

232 100

131 38.2 32.2 48.2

130 2.0 2.2 3.2#

166 27.3 24.2 36.4



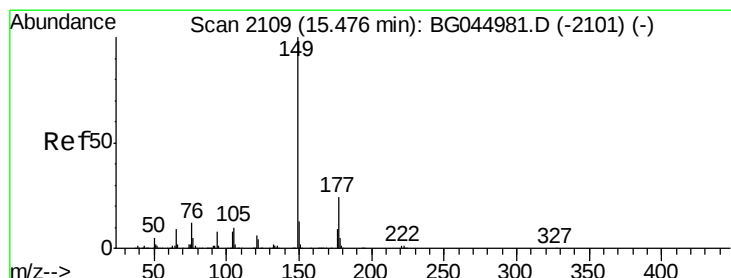
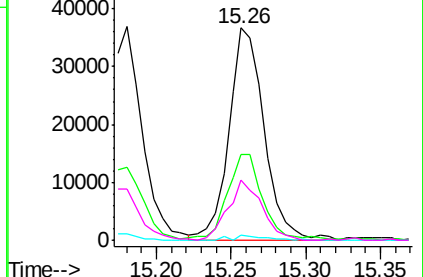
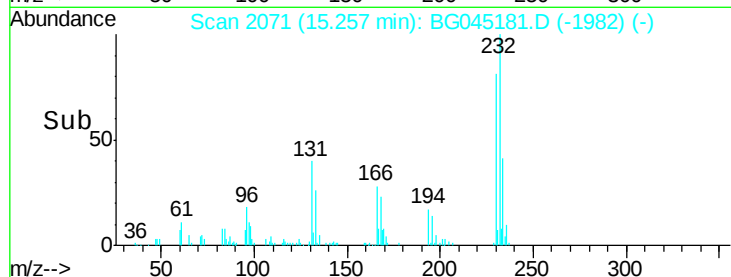
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



#60

Diethylphthalate

Concen: 12.184 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

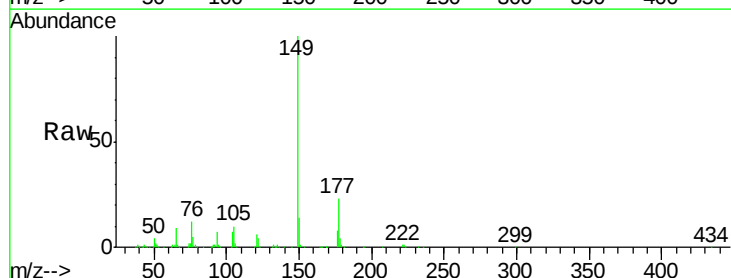
Tgt Ion:149 Resp: 213899

Ion Ratio Lower Upper

149 100

177 22.7 18.9 28.3

150 13.6 10.6 15.8

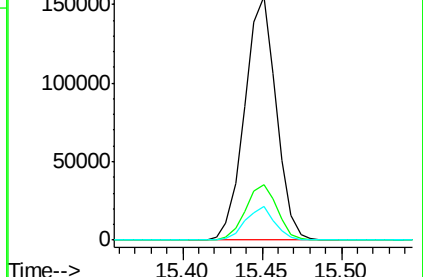
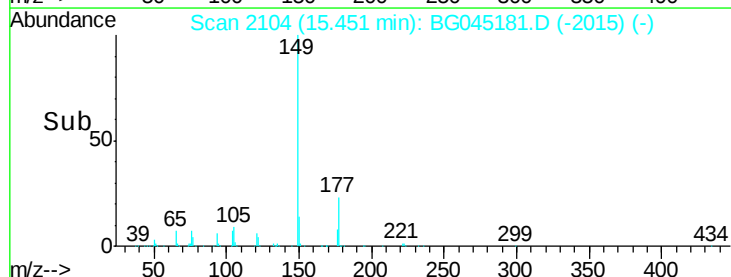


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->





#61

4-Chlorophenyl-phenylether

Concen: 11.777 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

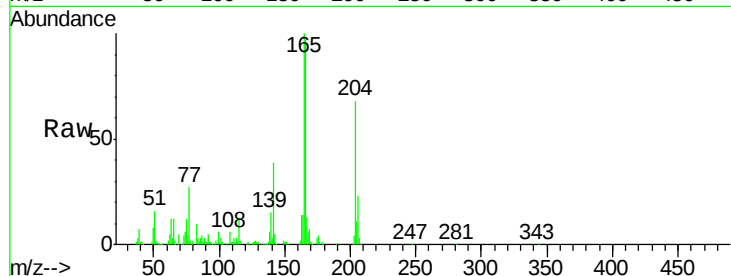
Instrument :

BNA_G

ClientSampled :

Tot Ion:204 Resp: 106857

Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.9	40.3
141	57.9	46.3	69.5

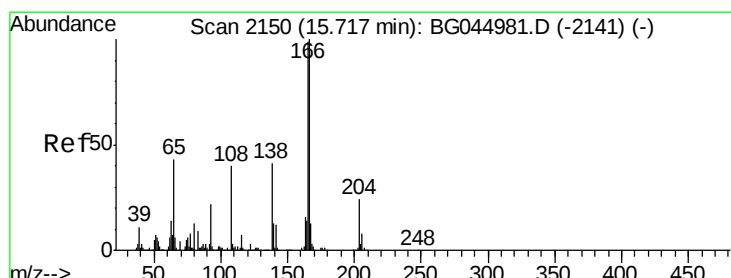
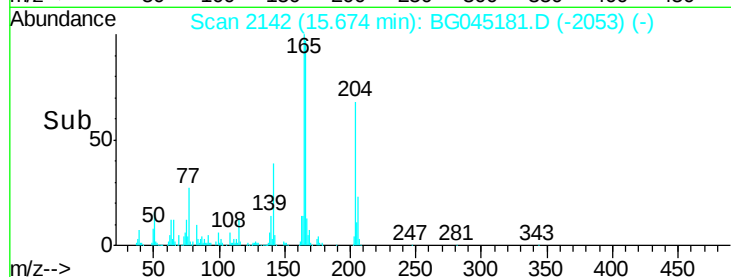
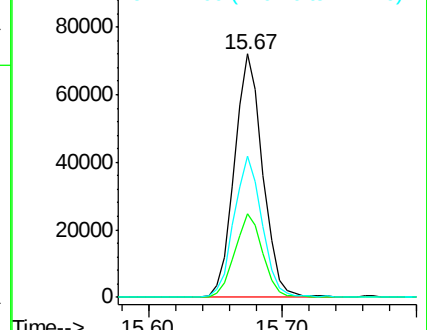


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 9.735 ng

RT: 15.69 min Scan# 2145

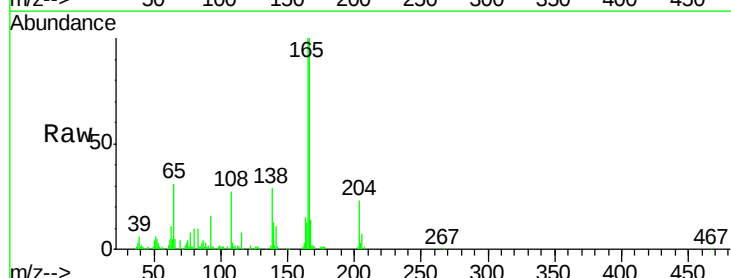
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:138 Resp: 41712

Ion	Ratio	Lower	Upper
138	100		
92	53.5	33.6	73.6
108	94.2	78.2	118.2

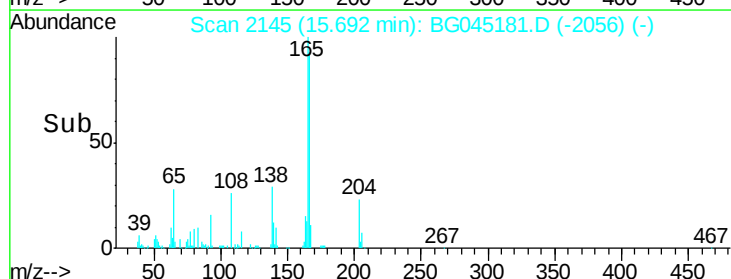
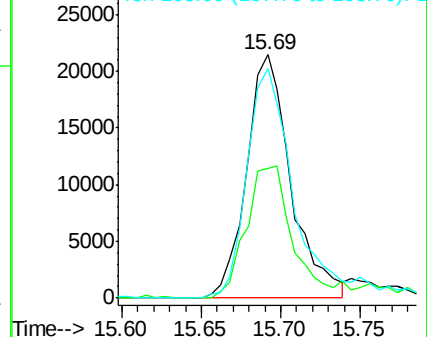


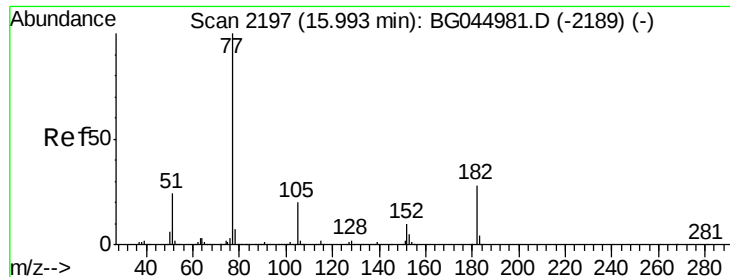
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 12.765 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 206619

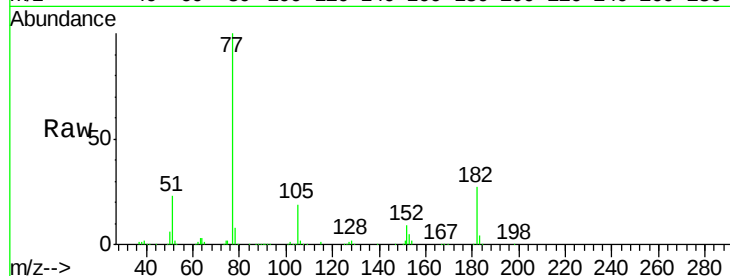
Ion Ratio Lower Upper

77 100

182 27.0 8.4 48.4

105 19.1 0.5 40.5

51 23.5 4.4 44.4

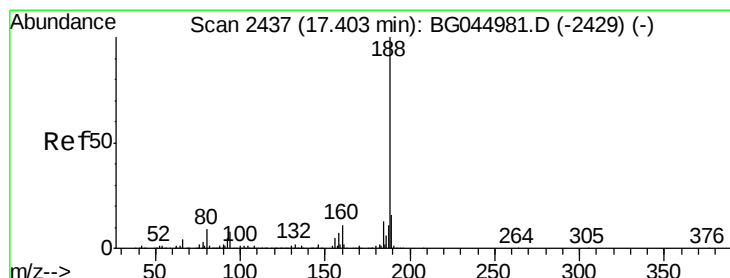
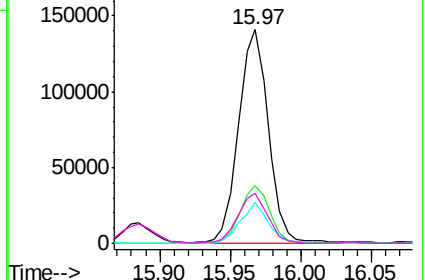
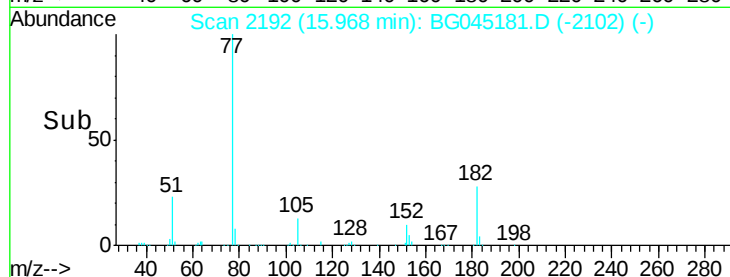


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

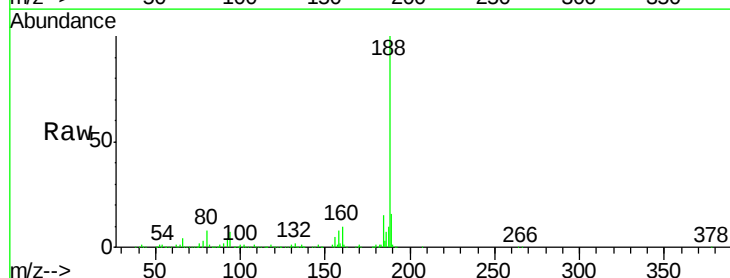
Tgt Ion: 188 Resp: 517834

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

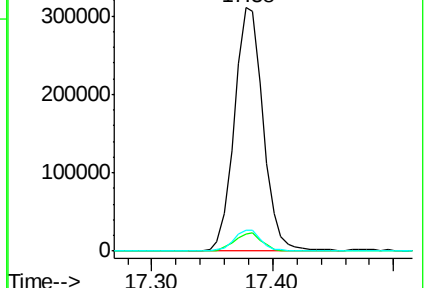
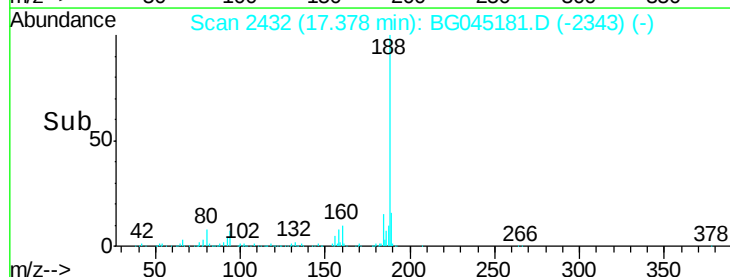
80 8.4 7.0 10.6

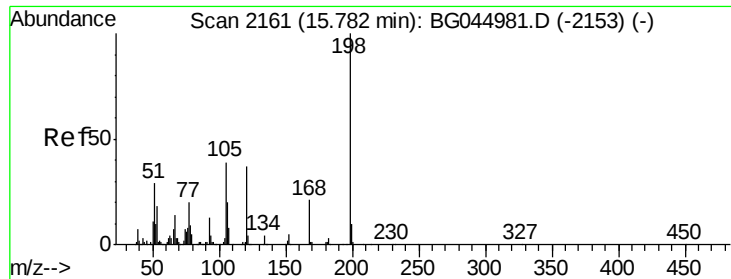


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 11.152 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

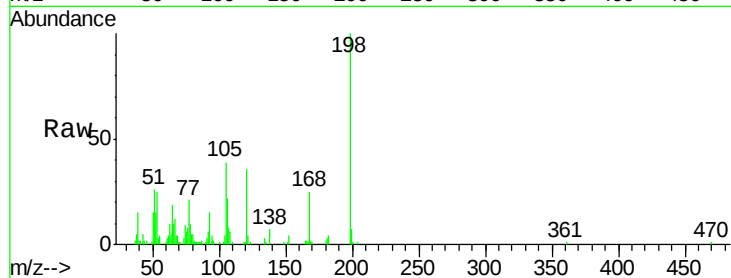
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 37959

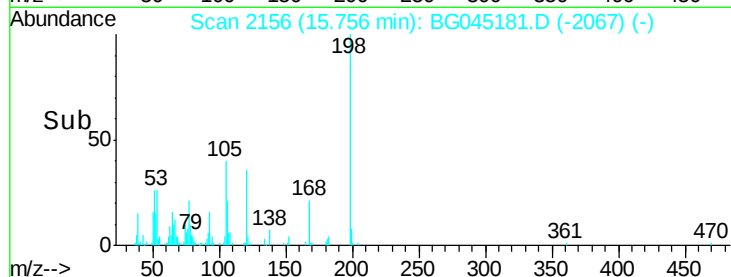
Ion	Ratio	Lower	Upper
198	100		
51	26.1	10.0	50.0
105	39.3	18.9	58.9



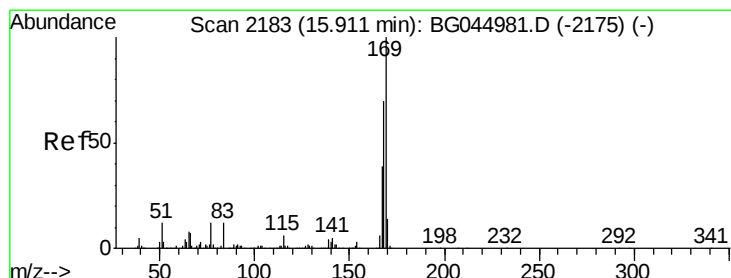
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044981.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 11.979 ng

RT: 15.89 min Scan# 2178

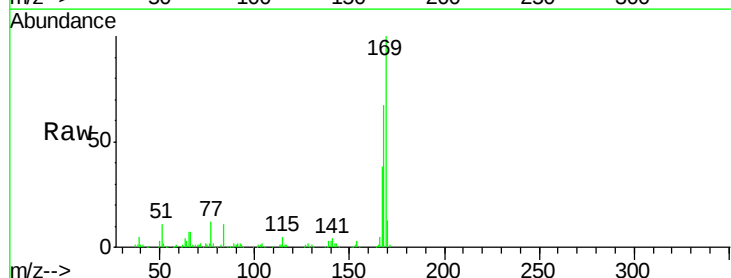
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:169 Resp: 178228

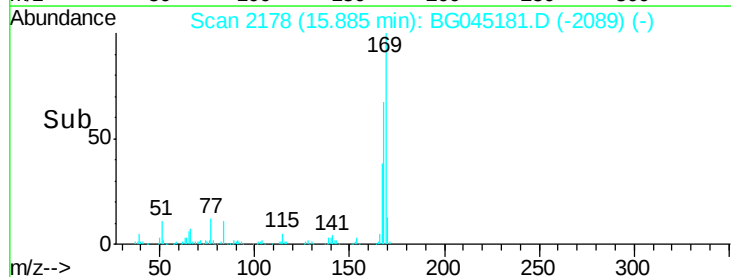
Ion	Ratio	Lower	Upper
169	100		
168	67.0	55.8	83.8
167	38.4	30.8	46.2



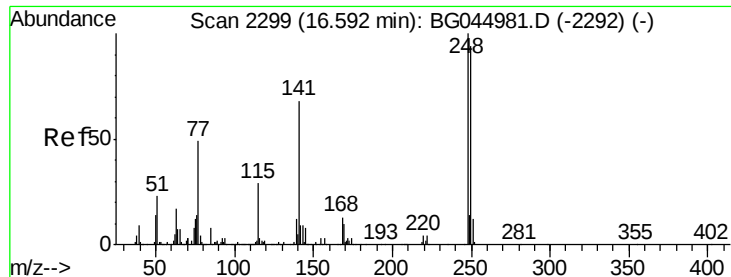
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



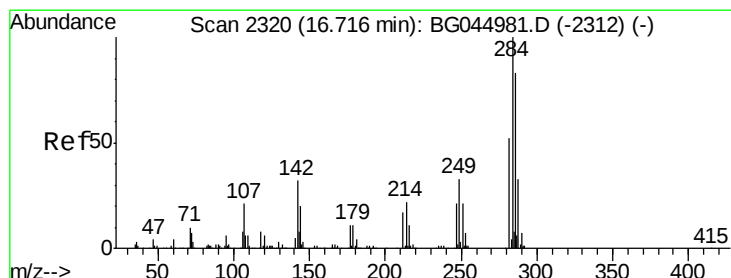
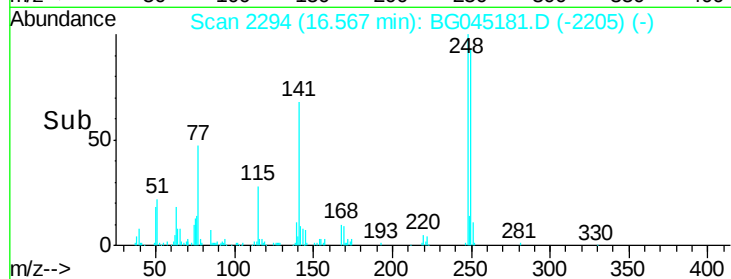
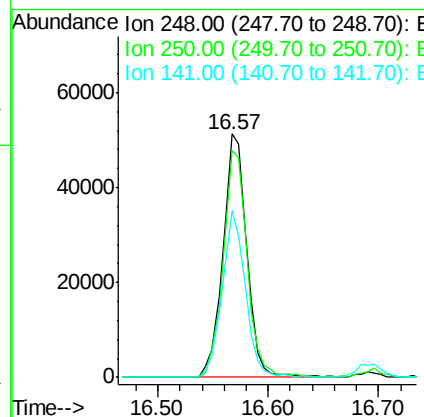
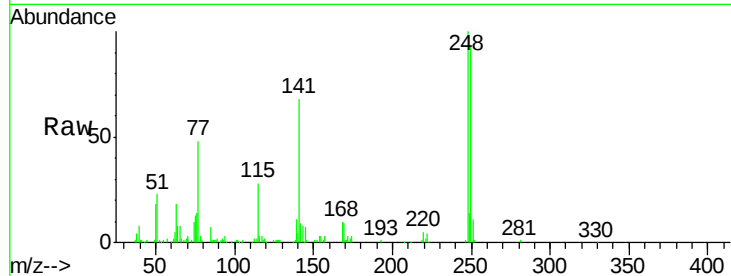
Time-->



#67
4-Bromophenyl-phenylether
Concen: 11.536 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

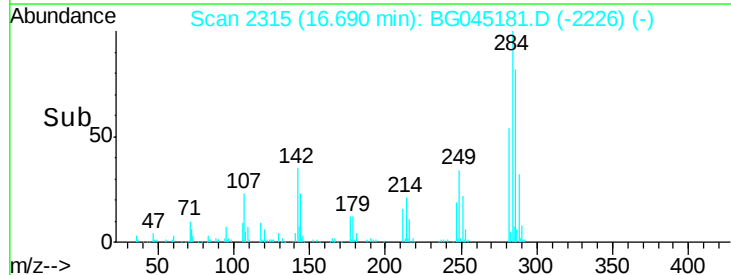
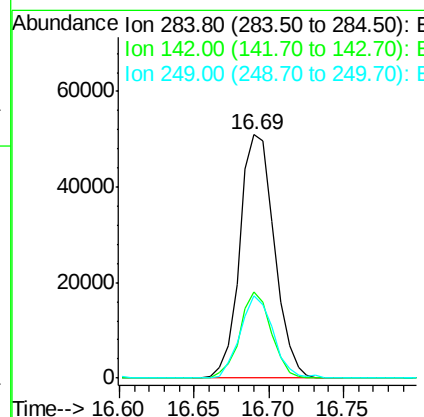
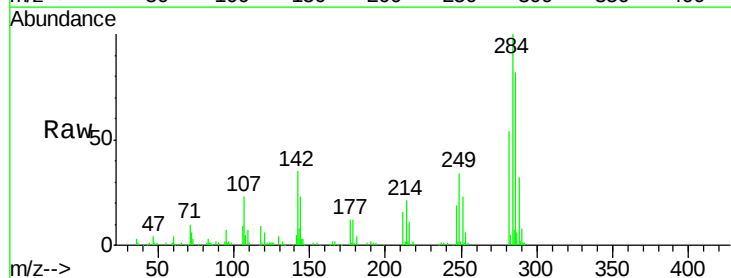
Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 77069
Ion Ratio Lower Upper
248 100
250 93.4 75.4 113.2
141 68.3 54.4 81.6



#68
Hexachlorobenzene
Concen: 11.800 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion:284 Resp: 81759
Ion Ratio Lower Upper
284 100
142 35.4 25.8 38.6
249 33.8 26.6 39.8





#69

Atrazine

Concen: 10.303 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

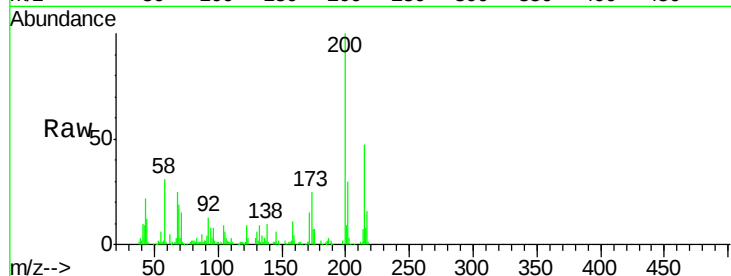
Instrument :

BNA_G

ClientSampleId :

Tot Ion:200 Resp: 75905

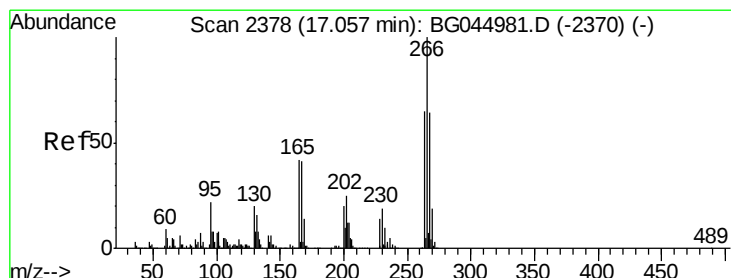
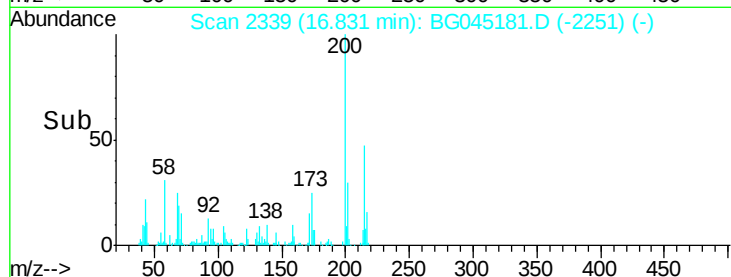
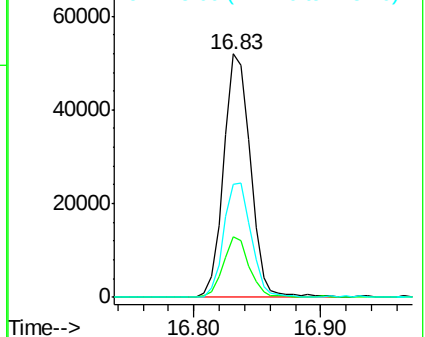
Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.5	44.5
215	46.6	30.0	70.0



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



#70

Pentachlorophenol

Concen: 20.303 ng

RT: 17.03 min Scan# 2373

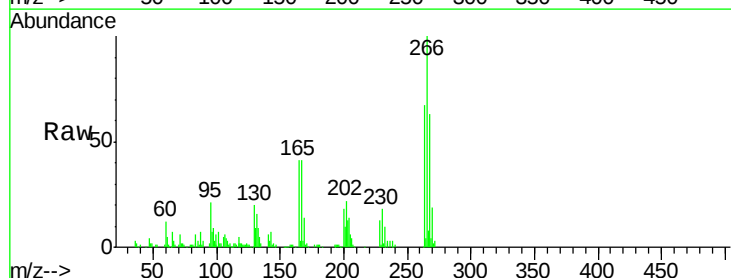
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:266 Resp: 86293

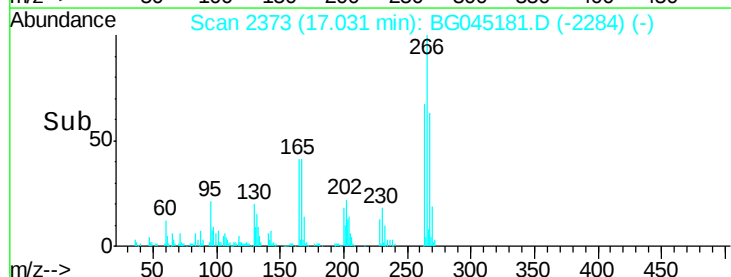
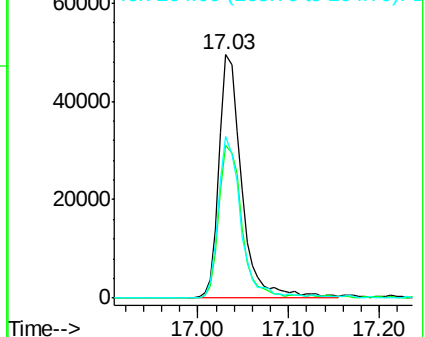
Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.5	77.3
264	66.6	52.2	78.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 12.476 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampled :

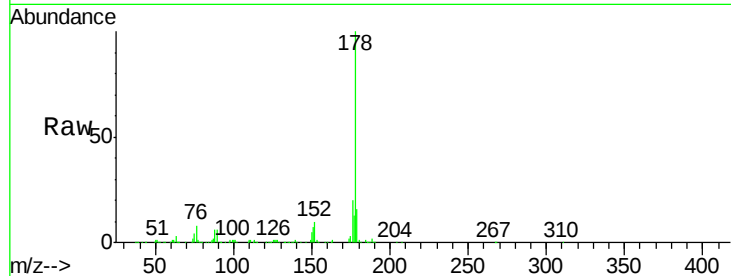
Tot Ion:178 Resp: 331981

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

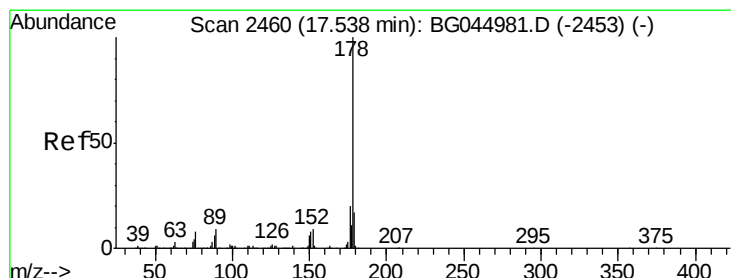
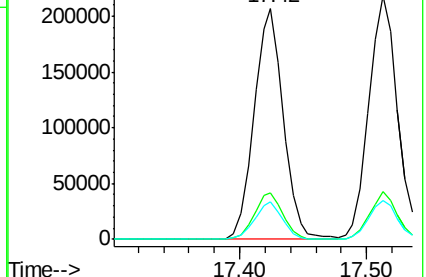
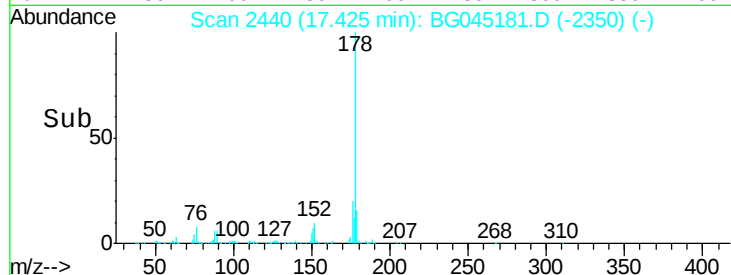
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 13.070 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

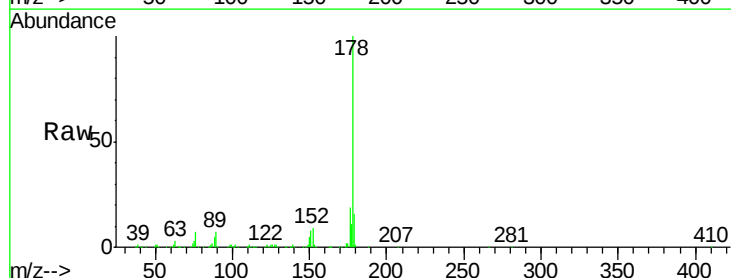
Tgt Ion:178 Resp: 348880

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

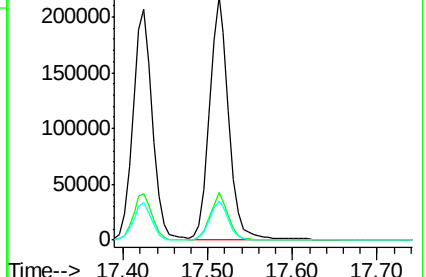
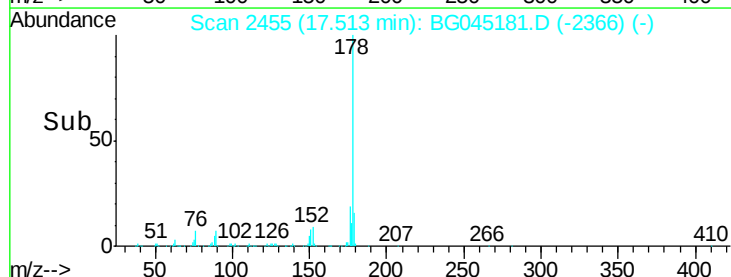
179 16.2 13.6 20.4

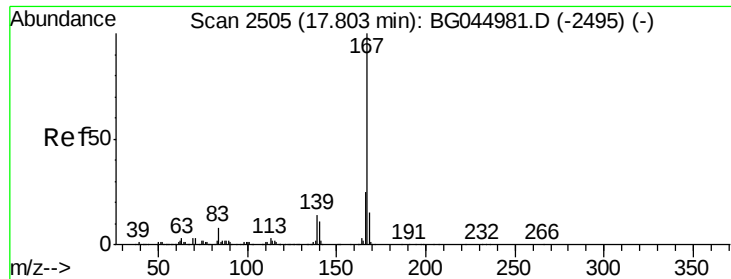


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 11.394 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

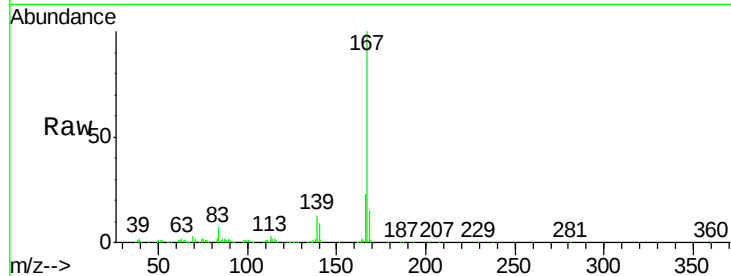
Tot Ion:167 Resp: 308633

Ion Ratio Lower Upper

167 100

166 22.6 19.8 29.6

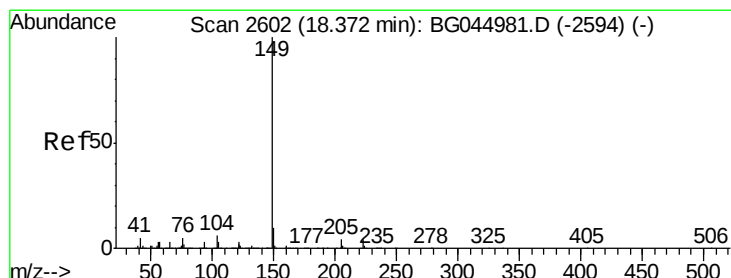
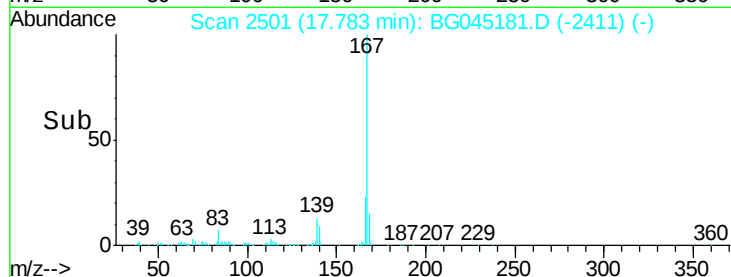
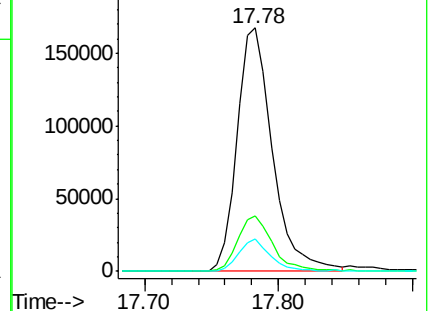
139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 8.254 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

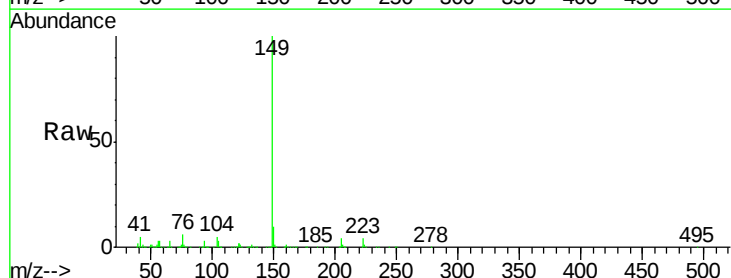
Tgt Ion:149 Resp: 389529

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

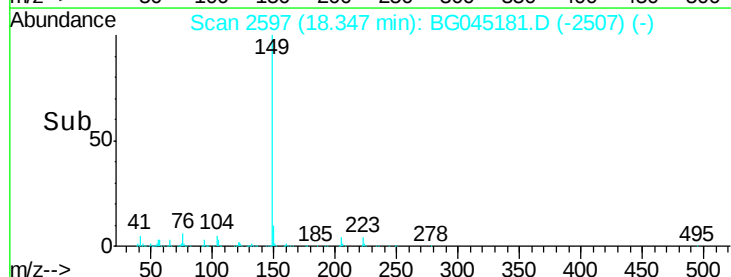
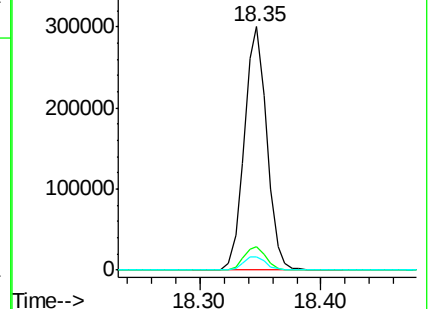
104 5.4 4.8 7.2

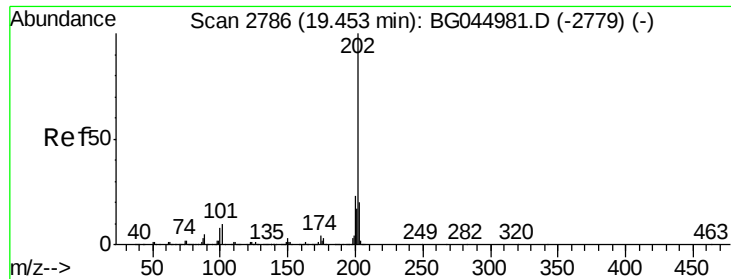


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.623 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045181.D

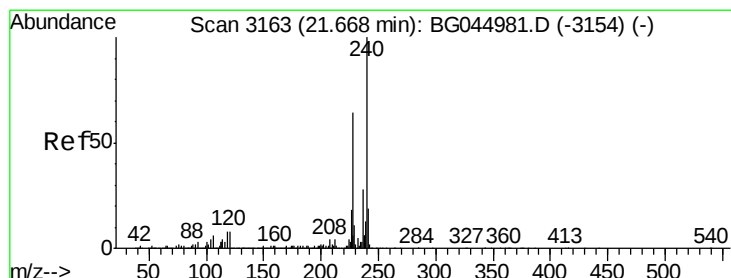
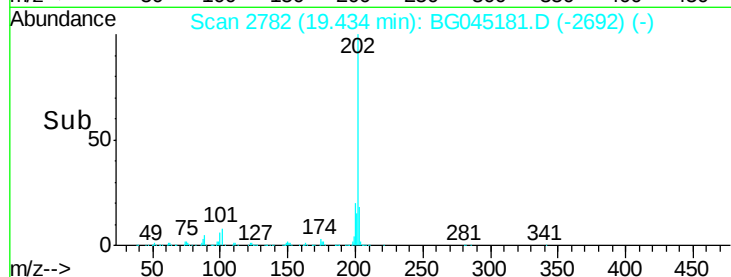
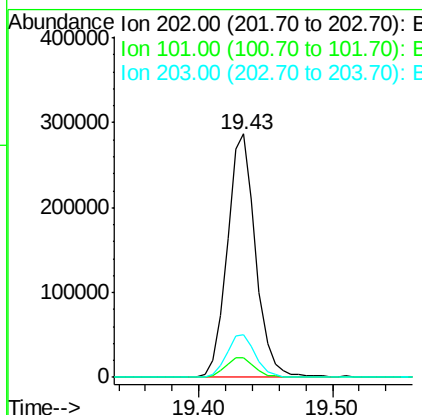
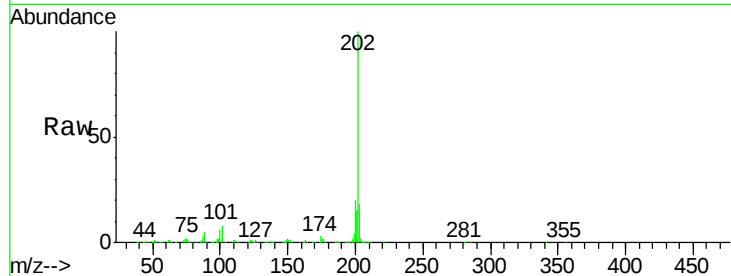
Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	425719
Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	29.6
203	17.8	0.0	39.7



#76

Chrysene-d12

Concen: 20.000 ng

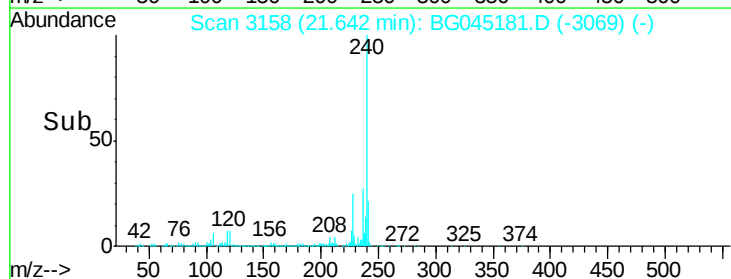
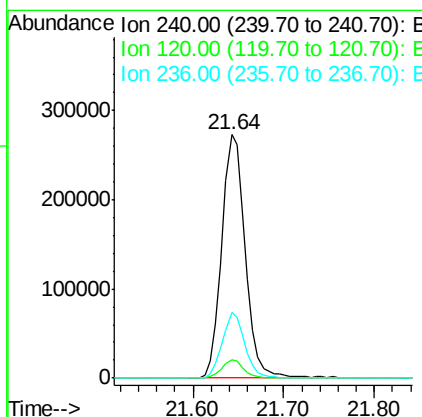
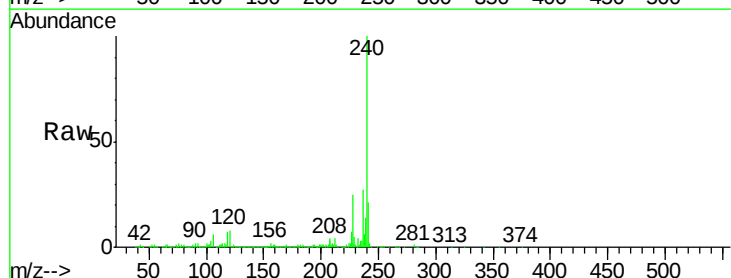
RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:	240	Resp:	489763
Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.6	10.0
236	26.9	22.2	33.2





#77

Benzidine

Concen: 2.602 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

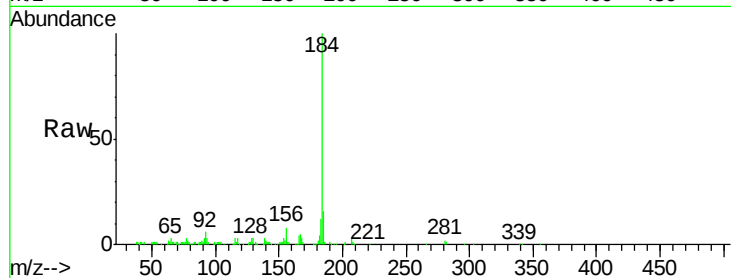
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 116505

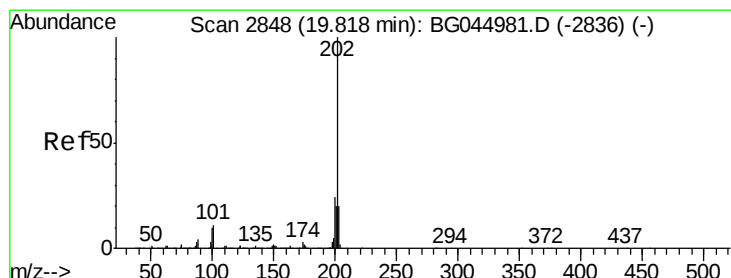
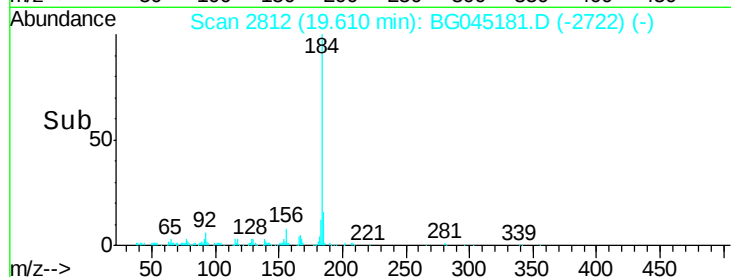
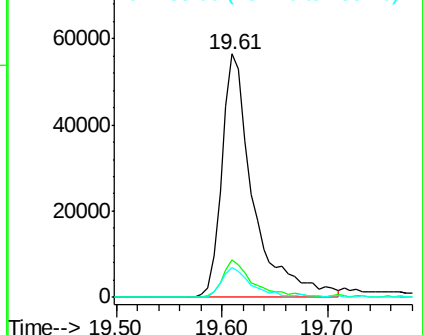
Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.6	19.0
183	12.4	11.3	16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 12.738 ng

RT: 19.79 min Scan# 2843

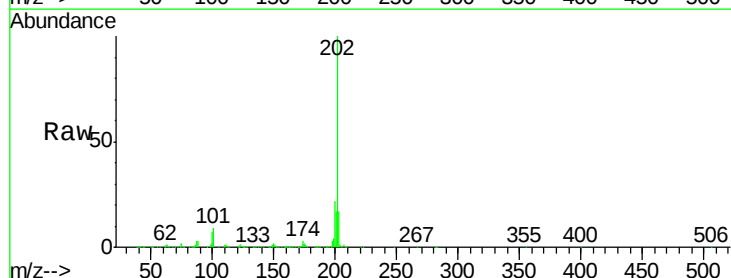
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:202 Resp: 430103

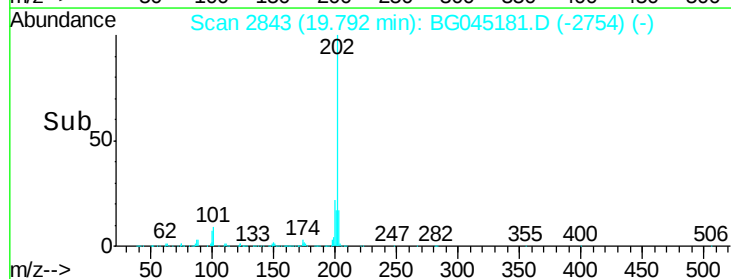
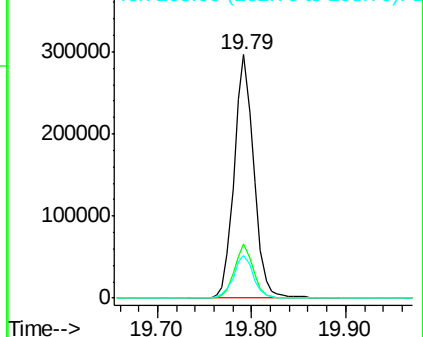
Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.0	28.6
203	17.4	16.1	24.1

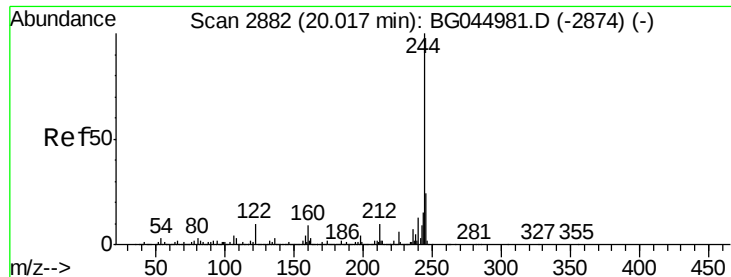


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 30.158 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

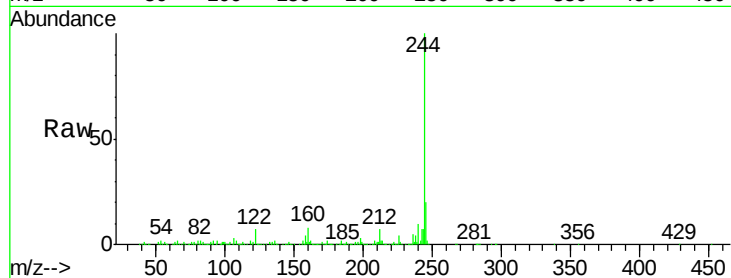
Tot Ion:244 Resp: 677660

Ion Ratio Lower Upper

244 100

212 7.4 7.9 11.9#

122 7.1 7.7 11.5#



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

600000

500000

400000

300000

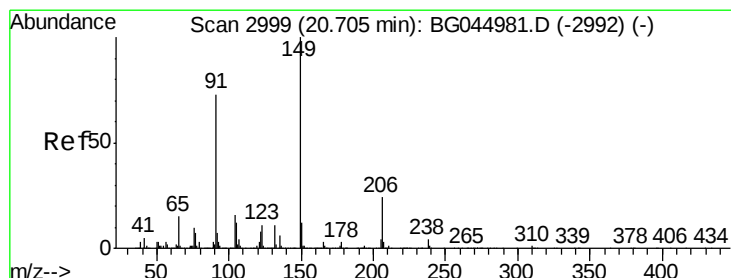
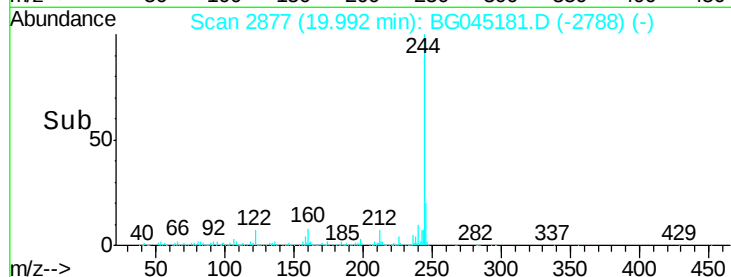
200000

100000

0

19.99

Time--> 19.90 20.00 20.10



#80

Butylbenzylphthalate

Concen: 11.760 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

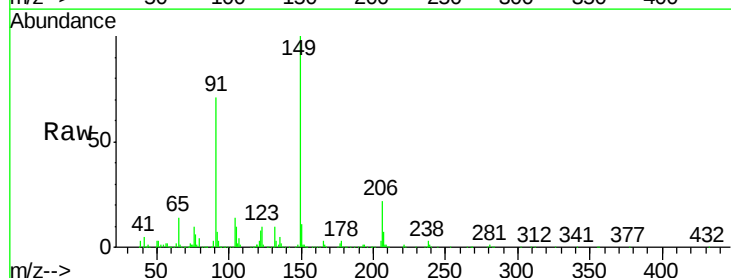
Tgt Ion:149 Resp: 164584

Ion Ratio Lower Upper

149 100

91 71.0 58.5 87.7

206 22.3 19.2 28.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

150000

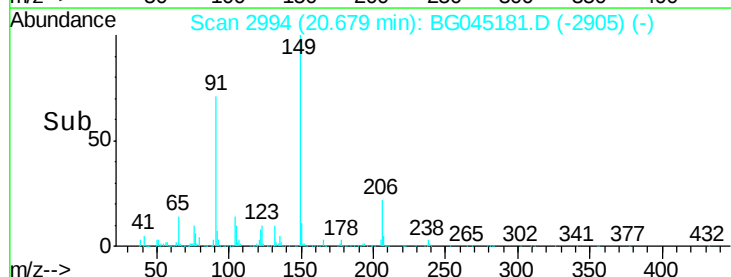
100000

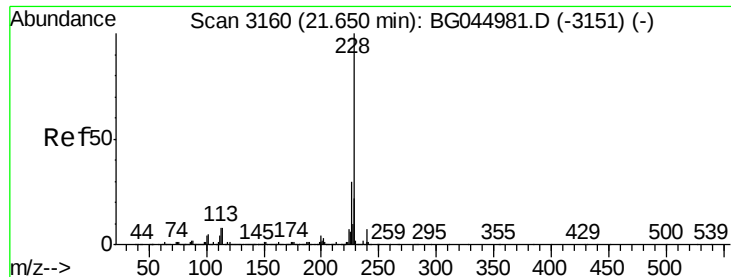
50000

0

20.68

Time--> 20.60 20.65 20.70 20.75





#81

Benzo(a)anthracene

Concen: 12.121 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

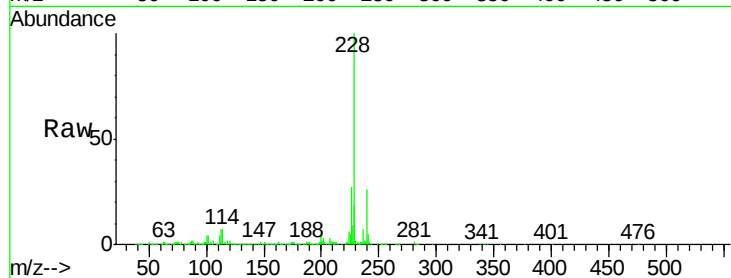
Tot Ion:228 Resp: 384762

Ion Ratio Lower Upper

228 100

226 26.6 24.0 36.0

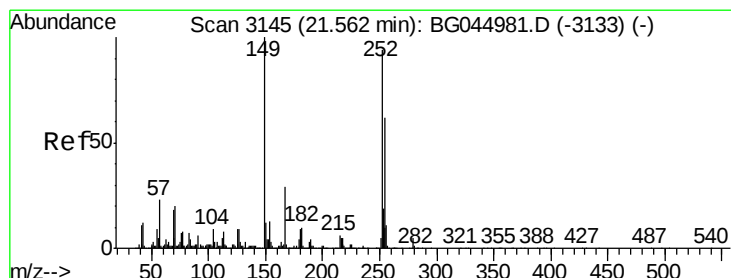
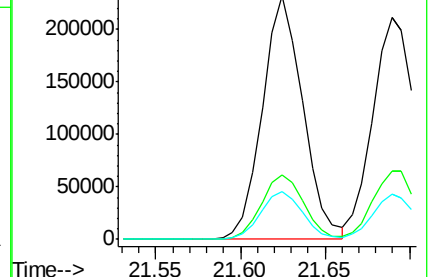
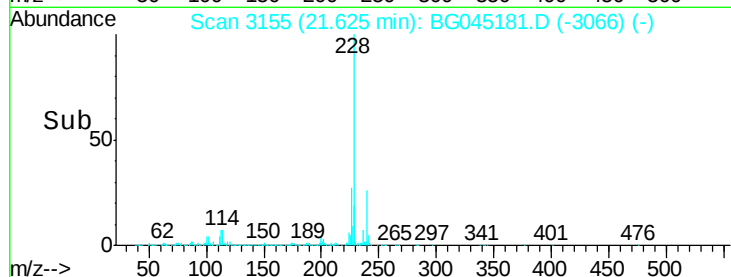
229 19.4 17.5 26.3



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



#82

3,3'-Dichlorobenzidine

Concen: 6.009 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

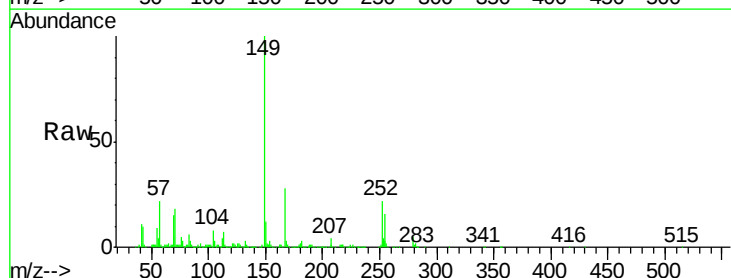
Tgt Ion:252 Resp: 75927

Ion Ratio Lower Upper

252 100

254 70.1 52.6 79.0

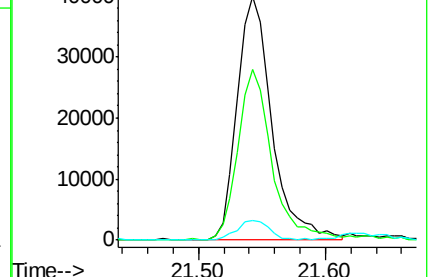
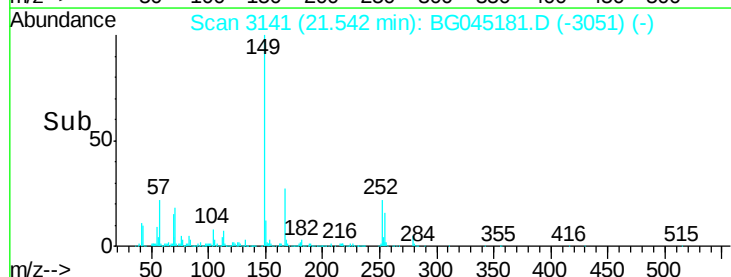
126 8.3 7.5 11.3



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

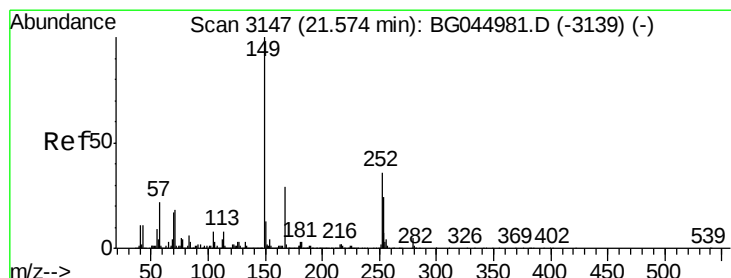
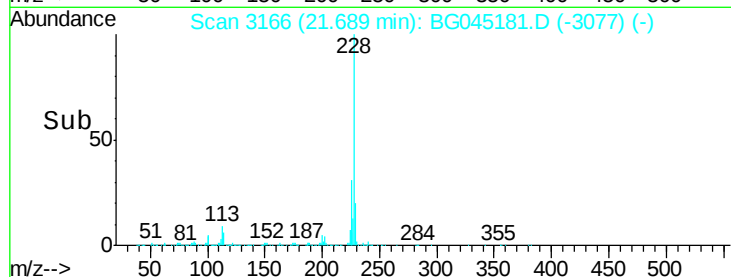
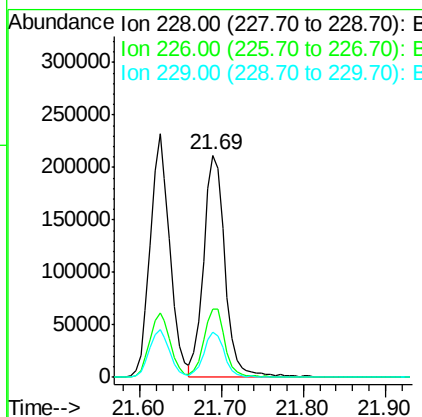
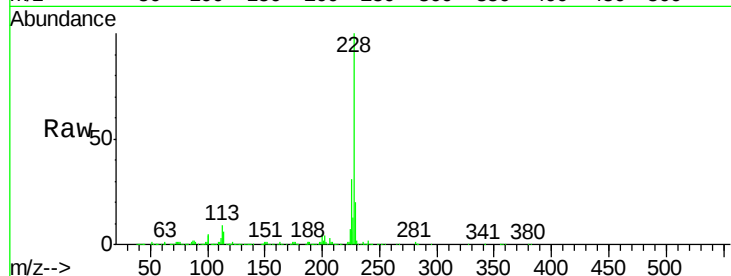




#83
 Chrysene
 Concen: 12.559 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

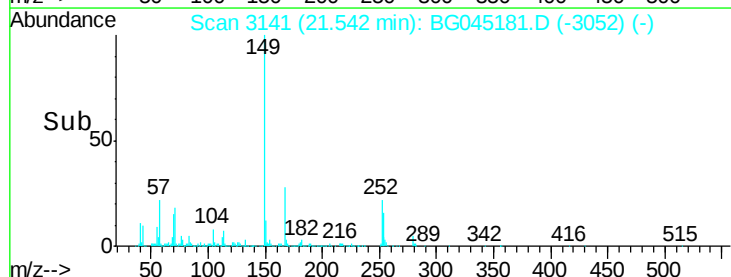
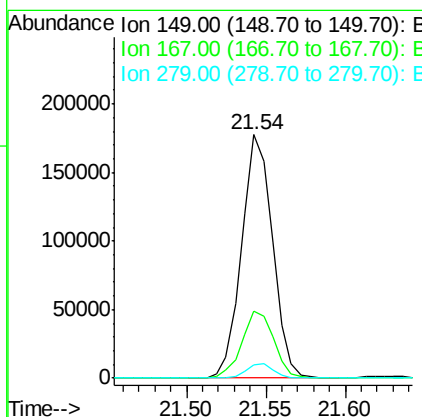
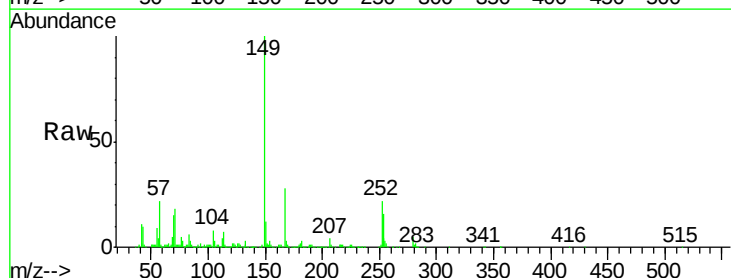
Instrument :
 BNA_G
 ClientSampleId :

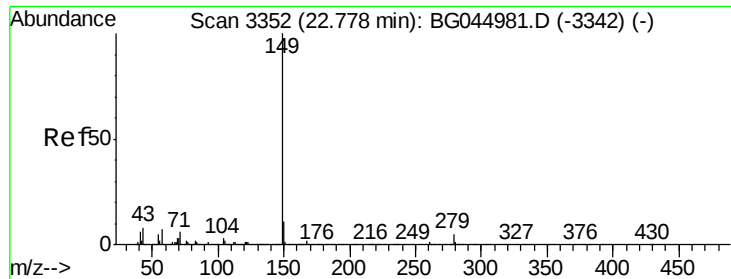
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.2	39.4
229	20.5	17.0	25.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.494 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.4	35.0
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 12.270 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampled :

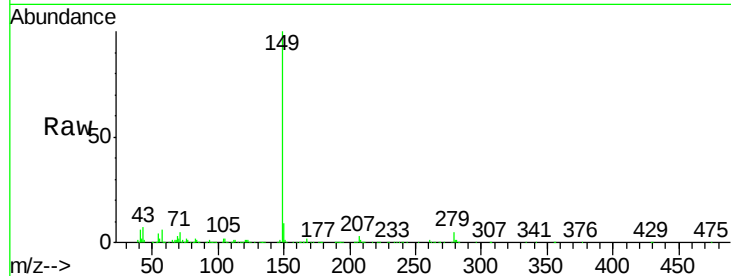
Tot Ion:149 Resp: 408427

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

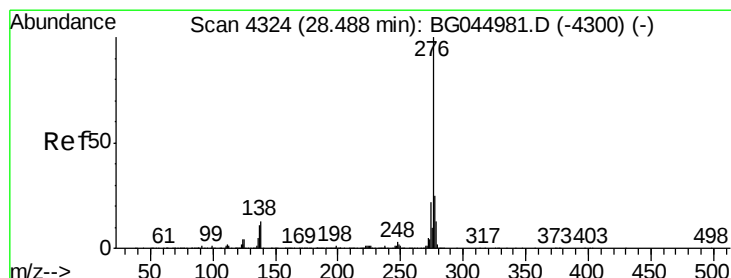
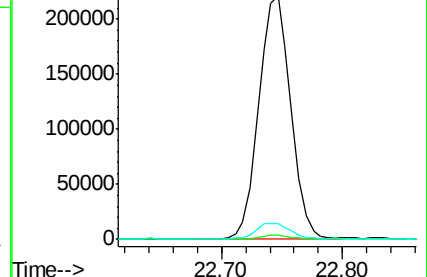
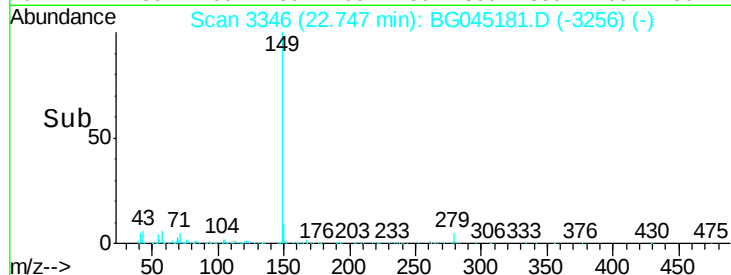
43 6.9 5.7 8.5



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 11.777 ng

RT: 28.42 min Scan# 4311

Delta R.T. -0.03 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

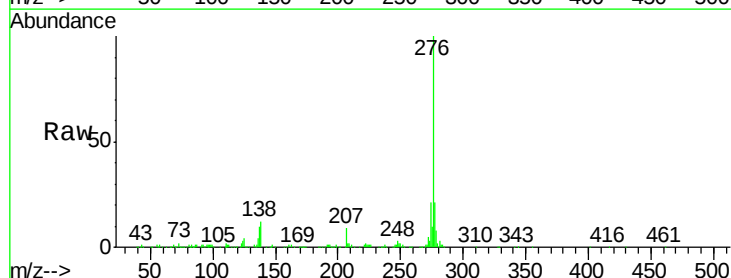
Tgt Ion:276 Resp: 476883

Ion Ratio Lower Upper

276 100

138 6.7 9.6 14.4#

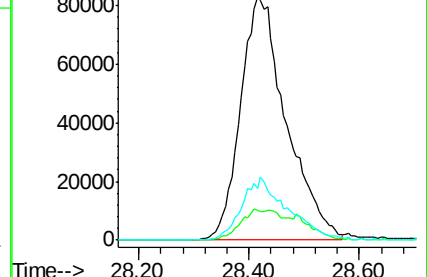
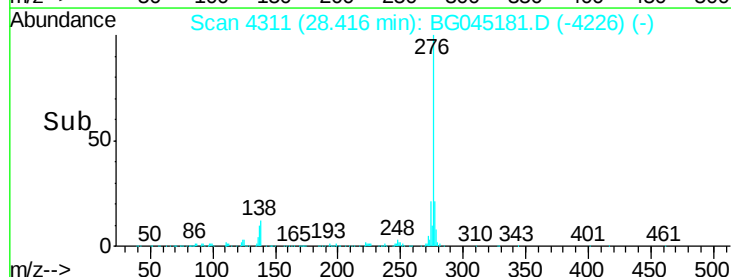
277 25.6 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



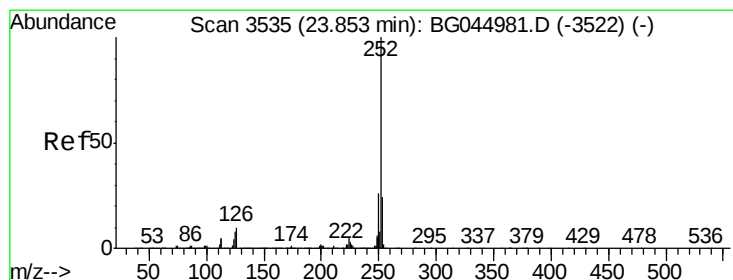
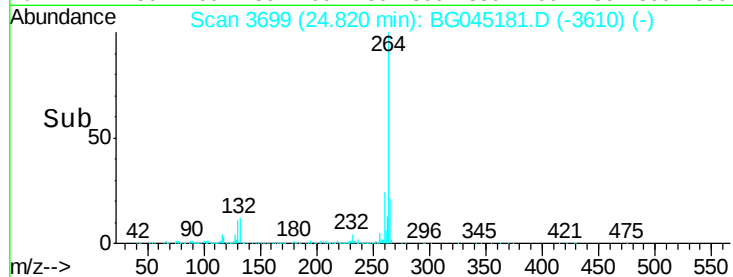
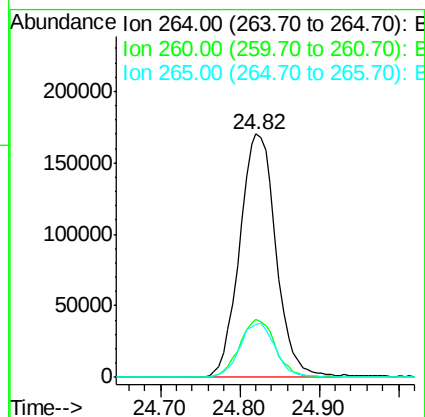
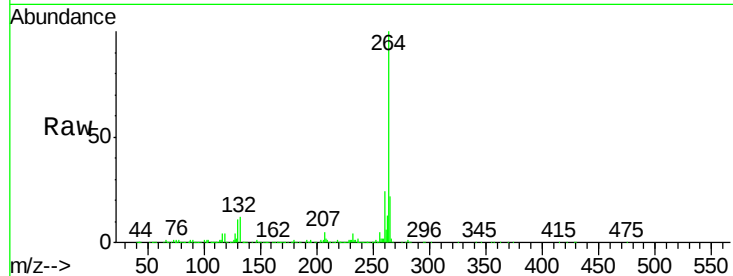


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 539993

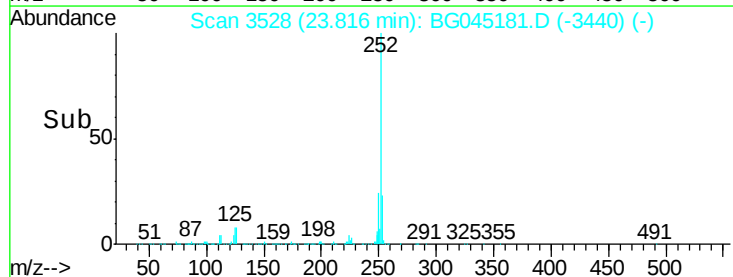
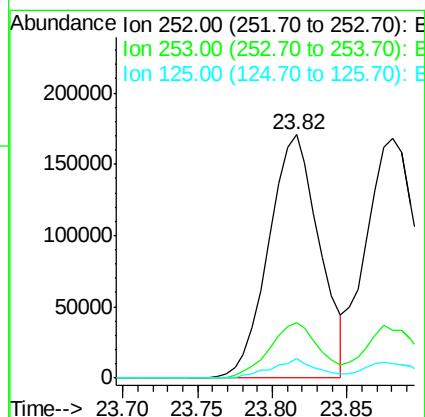
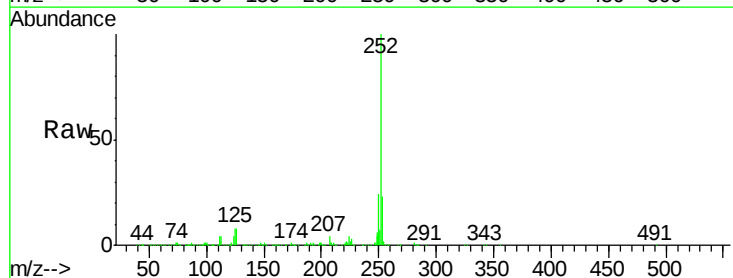
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	19.0	28.4



#88
Benzo(b)fluoranthene
Concen: 11.943 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion:252 Resp: 403976

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.8	28.2
125	7.9	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 13.043 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

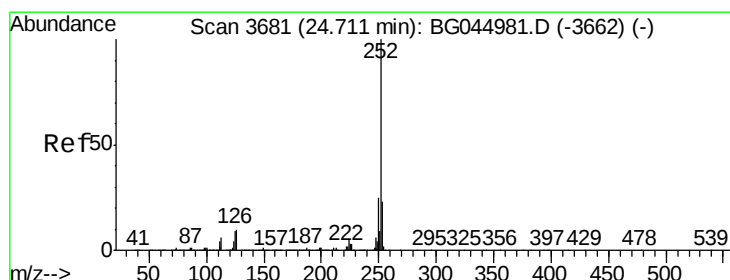
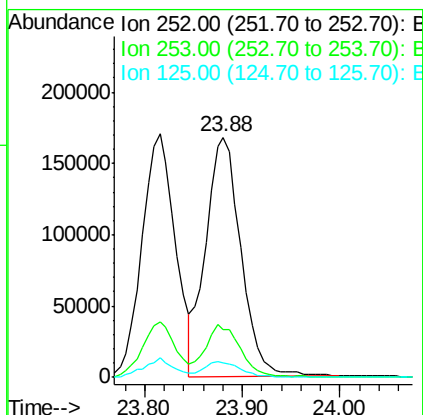
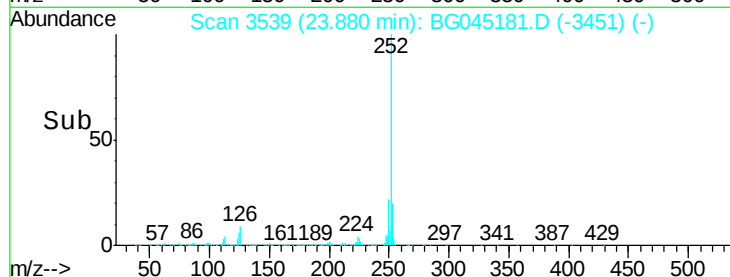
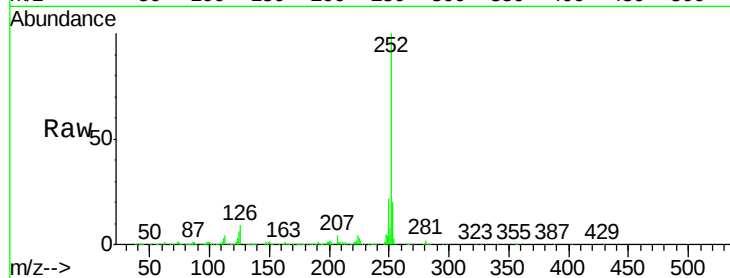
Tot Ion:252 Resp: 419569

Ion Ratio Lower Upper

252 100

253 20.1 19.2 28.8

125 6.2 5.9 8.9



#90

Benzo(a)pyrene

Concen: 11.880 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.02 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

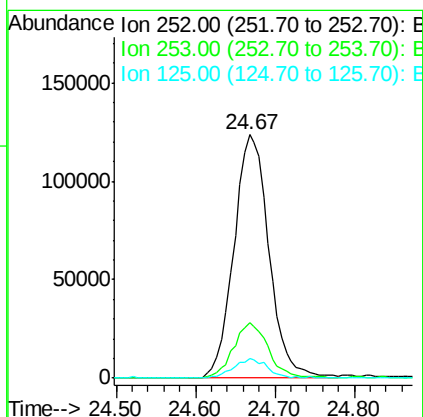
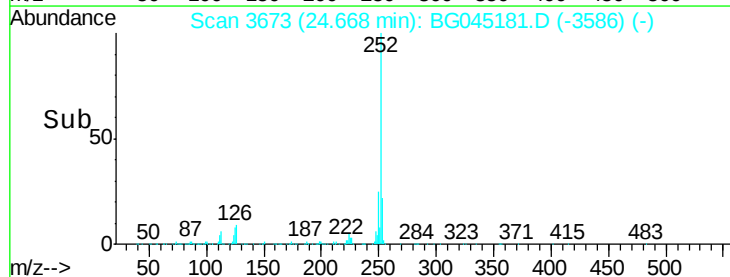
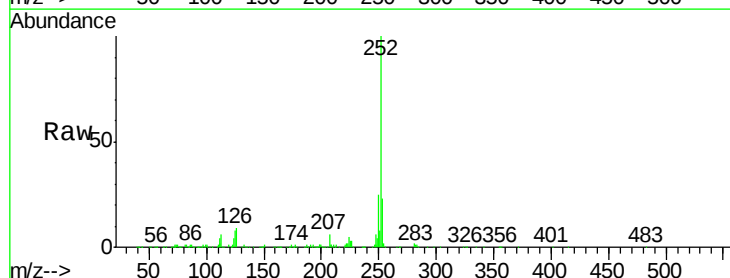
Tgt Ion:252 Resp: 379411

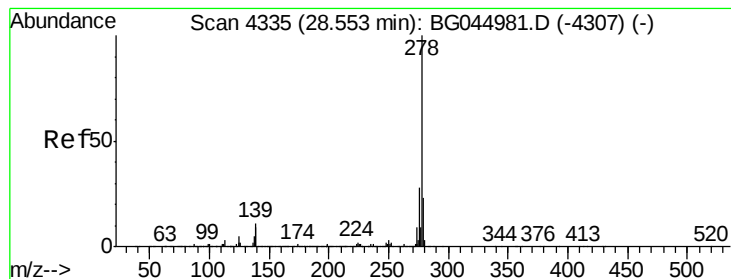
Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

125 8.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 12.275 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.02 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

ClientSampleId :

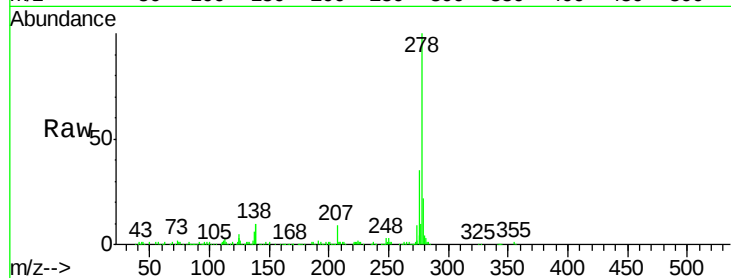
Tot Ion:278 Resp: 395008

Ion Ratio Lower Upper

278 100

139 10.1 9.0 13.6

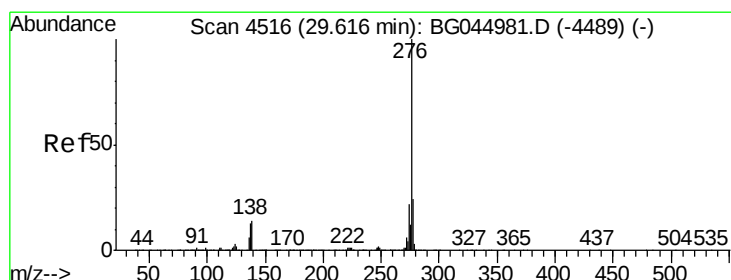
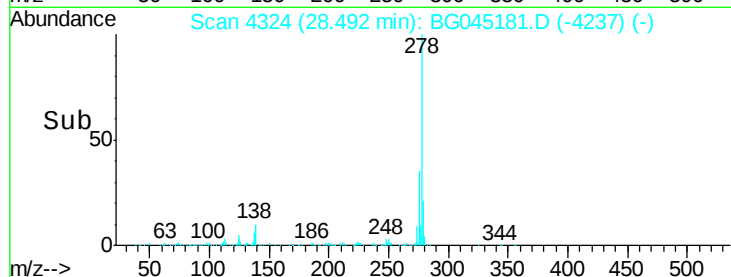
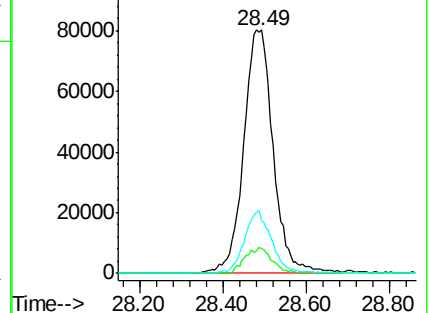
279 21.5 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 12.330 ng

RT: 29.54 min Scan# 4503

Delta R.T. -0.04 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

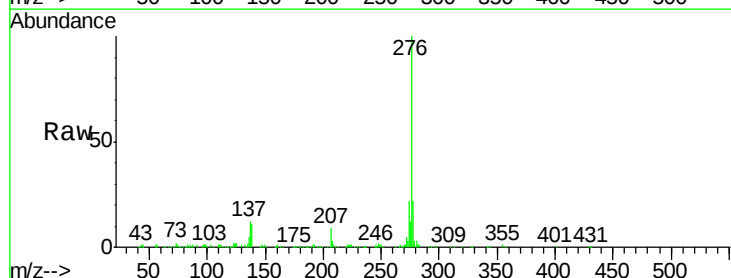
Tgt Ion:276 Resp: 397791

Ion Ratio Lower Upper

276 100

277 22.2 19.3 28.9

138 11.4 11.4 17.2#



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

