

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044544.D
 Acq On : 21 Feb 2020 11:40
 Operator : CG/JU
 Sample : PB126914BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:10:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	51607	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	224338	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	156340	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	357712	20.00	ng	0.00
76) Chrysene-d12	21.51	240	343320	20.00	ng	0.00
87) Perylene-d12	24.58	264	360351	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	394334	134.85	ng	0.00
7) Phenol-d6	7.05	99	541346	137.86	ng	0.00
23) Nitrobenzene-d5	9.03	82	281368	70.81	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	239387	130.43	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	697711	74.73	ng	0.00
79) Terphenyl-d14	19.88	244	1221317	73.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	49765	37.878	ng	99
3) Pyridine	3.73	79	118426	33.833	ng	96
4) n-Nitrosodimethylamine	3.64	42	58586	40.054	ng	96
6) Aniline	7.20	93	168611	34.593	ng	99
8) 2-Chlorophenol	7.45	128	158868	49.434	ng	98
9) Benzaldehyde	7.01	77	68789	30.759	ng	92
10) Phenol	7.08	94	195261	50.245	ng	96
11) bis(2-Chloroethyl)ether	7.30	93	142293	42.829	ng	98
12) 1,3-Dichlorobenzene	7.77	146	159486	41.564	ng	99
13) 1,4-Dichlorobenzene	7.91	146	161361	42.459	ng	98
14) 1,2-Dichlorobenzene	8.23	146	155158	43.194	ng	98
15) Benzyl Alcohol	8.12	79	129479	46.575	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	184487	41.026	ng	99
17) 2-Methylphenol	8.33	107	137806	49.701	ng	99
18) Hexachloroethane	8.96	117	58871	41.281	ng	94
19) n-Nitroso-di-n-propylamine	8.68	70	113873	43.513	ng	98
20) 3+4-Methylphenols	8.66	107	189055	49.475	ng	99
22) Acetophenone	8.70	105	216737	39.714	ng	# 98
24) Nitrobenzene	9.08	77	163218	42.074	ng	98
25) Isophorone	9.60	82	321590	43.421	ng	99
26) 2-Nitrophenol	9.79	139	91725	45.568	ng	98
27) 2,4-Dimethylphenol	9.86	122	155154	54.604	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	202233	40.931	ng	99
29) 2,4-Dichlorophenol	10.33	162	162160	47.198	ng	99
30) 1,2,4-Trichlorobenzene	10.54	180	160323	40.695	ng	99
31) Naphthalene	10.73	128	472895	43.448	ng	100
32) Benzoic acid	10.02	122	42995	30.361	ng	97
33) 4-Chloroaniline	10.84	127	127376	25.732	ng	99
34) Hexachlorobutadiene	11.03	225	93854	38.716	ng	99
35) Caprolactam	11.60	113	32128	25.527	ng	96
36) 4-Chloro-3-methylphenol	11.97	107	172912	48.001	ng	97
37) 2-Methylnaphthalene	12.34	142	361616	44.748	ng	99
38) 1-Methylnaphthalene	12.56	142	341230	44.787	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	182611	39.047	ng	98

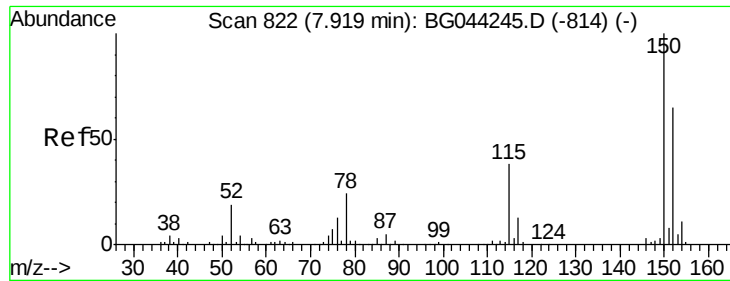
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044544.D
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	177496	79.098	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	130689	43.234	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	141254	45.750	ng	97
46) 1,1'-Biphenyl	13.35	154	463808	41.129	ng	98
47) 2-Chloronaphthalene	13.39	162	361231	40.255	ng	97
48) 2-Nitroaniline	13.59	65	107798	40.705	ng	98
49) Acenaphthylene	14.24	152	582812	44.280	ng	99
50) Dimethylphthalate	13.98	163	481414	42.837	ng	99
51) 2,6-Dinitrotoluene	14.09	165	109482	43.693	ng	98
52) Acenaphthene	14.59	154	356700	41.811	ng	98
53) 3-Nitroaniline	14.42	138	79539	28.691	ng	99
54) 2,4-Dinitrophenol	14.63	184	126122	84.473	ng	97
55) Dibenzofuran	14.92	168	562663	43.561	ng	97
56) 4-Nitrophenol	14.75	139	192796	94.942	ng	99
57) 2,4-Dinitrotoluene	14.89	165	153958	43.838	ng	100
58) Fluorene	15.57	166	454458	44.671	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	128459	46.061	ng	99
60) Diethylphthalate	15.34	149	486876	43.479	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	239196	43.363	ng	98
62) 4-Nitroaniline	15.59	138	110468	39.879	ng	97
63) Azobenzene	15.86	77	425974	43.404	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	95231	48.229	ng	96
66) n-Nitrosodiphenylamine	15.78	169	426133	42.508	ng	99
67) 4-Bromophenyl-phenylether	16.46	248	159785	41.000	ng	97
68) Hexachlorobenzene	16.58	284	177720	40.704	ng	97
69) Atrazine	16.73	200	167011	48.607	ng	100
70) Pentachlorophenol	16.93	266	181377	82.064	ng	99
71) Phenanthrene	17.31	178	751701	43.397	ng	98
72) Anthracene	17.40	178	775160	45.264	ng	98
73) Carbazole	17.67	167	707815	44.834	ng	100
74) Di-n-butylphthalate	18.24	149	888666	45.550	ng	98
75) Fluoranthene	19.32	202	943953	47.108	ng	98
77) Benzidine	19.50	184	385910	40.525	ng	97
78) Pyrene	19.68	202	954550	43.294	ng	97
80) Butylbenzylphthalate	20.57	149	413684	41.173	ng	98
81) Benzo(a)anthracene	21.49	228	921277	43.540	ng	98
82) 3,3'-Dichlorobenzidine	21.41	252	281732	34.307	ng	96
83) Chrysene	21.56	228	868145	42.447	ng	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	578868	41.857	ng	98
85) Di-n-octyl phthalate	22.57	149	1035814	43.288	ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1108957	41.560	ng	99
88) Benzo(b)fluoranthene	23.61	252	949381	45.721	ng	99
89) Benzo(k)fluoranthene	23.68	252	967683	47.815	ng	99
90) Benzo(a)pyrene	24.44	252	891571	45.412	ng	99
91) Dibenzo(a,h)anthracene	28.12	278	915020	47.093	ng	98
92) Benzo(g,h,i)perylene	29.15	276	932838	47.959	ng	99

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

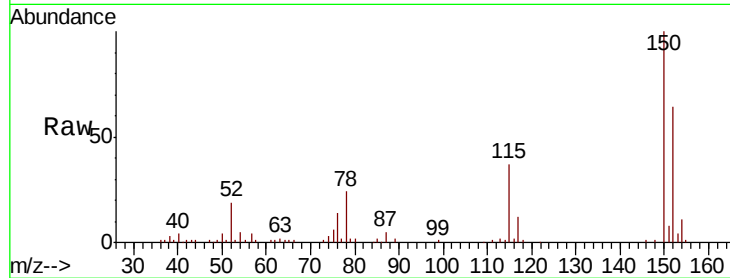


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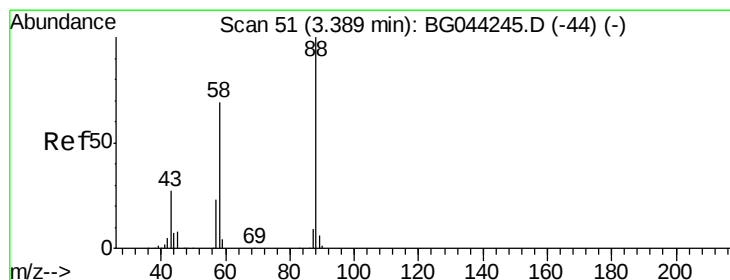
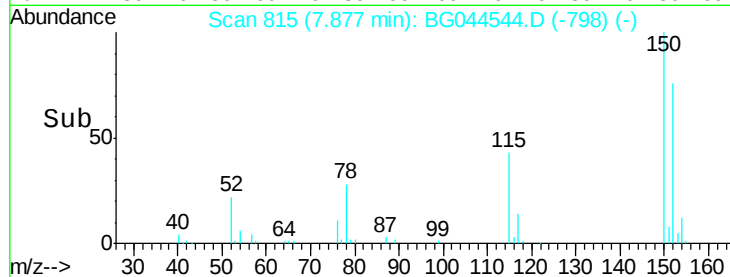
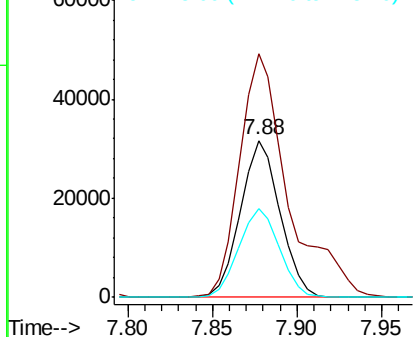
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.1	184.7
115	56.9	45.1	67.7



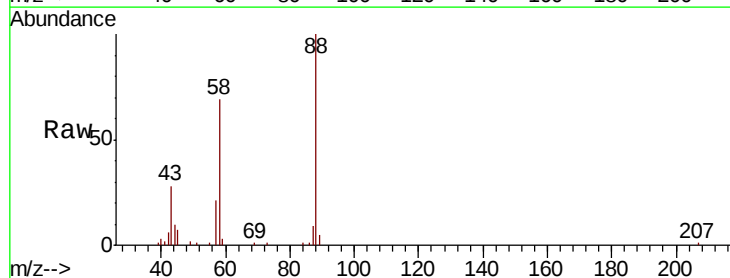
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



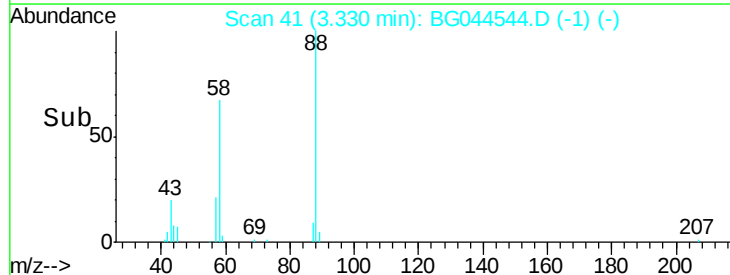
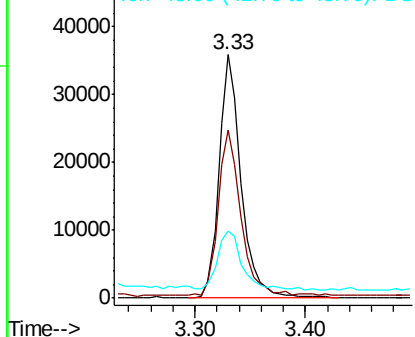
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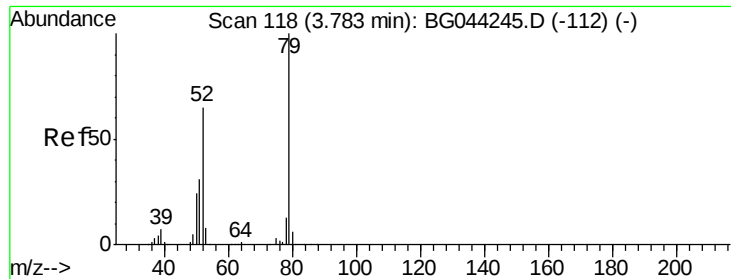
1,4-Dioxane
Concen: 37.878 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	54.8	82.2
43	25.8	21.2	31.8



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: 33.833 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

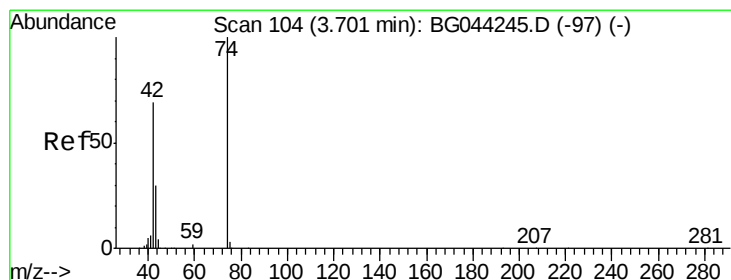
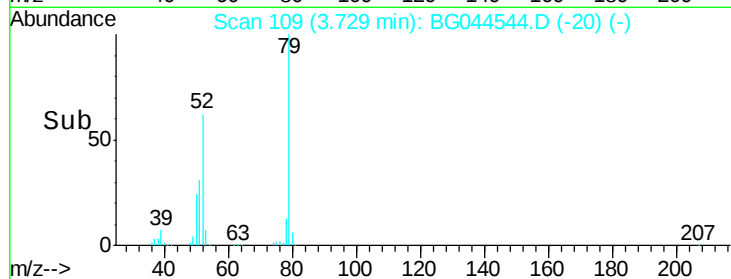
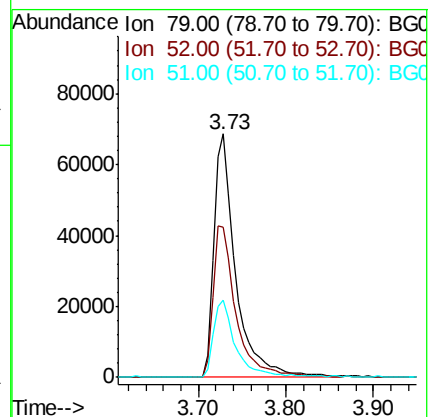
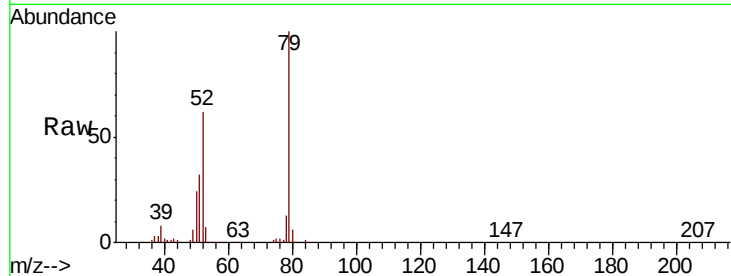
Tot Ion: 79 Resp: 118426

Ion Ratio Lower Upper

79 100

52 61.9 53.0 79.4

51 31.8 25.7 38.5



#4

n-Nitrosodimethylamine

Concen: 40.054 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

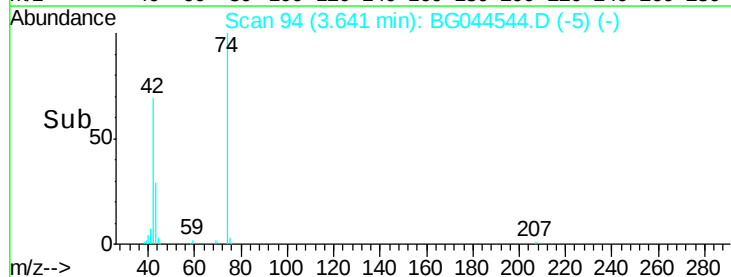
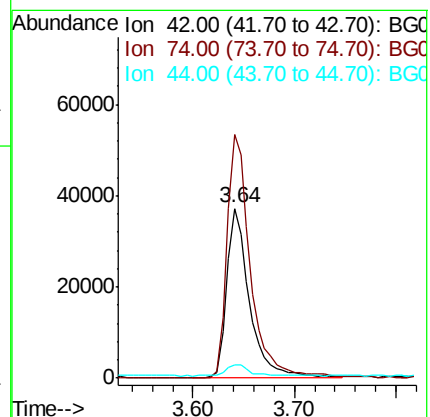
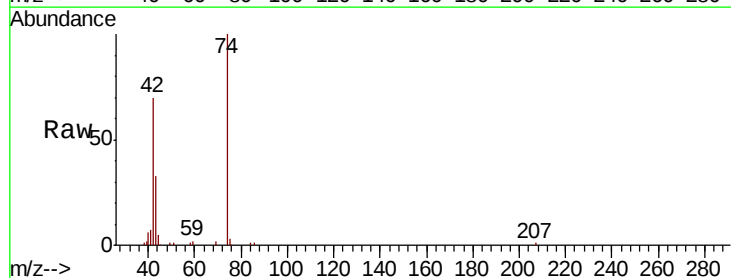
Tgt Ion: 42 Resp: 58586

Ion Ratio Lower Upper

42 100

74 143.4 118.4 177.6

44 7.8 6.0 9.0





#5

2-Fluorophenol

Concen: 134.853 ng

RT: 5.46 min Scan# 403

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

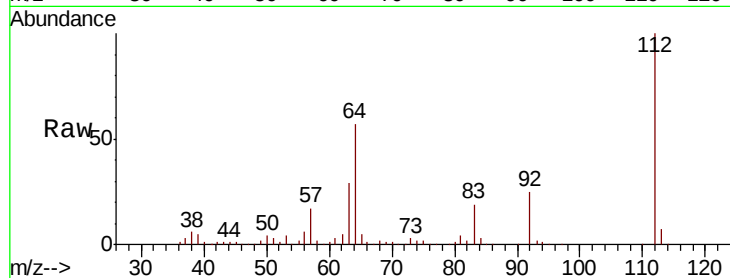
Tot Ion:112 Resp: 394334

Ion Ratio Lower Upper

112 100

64 57.4 44.5 66.7

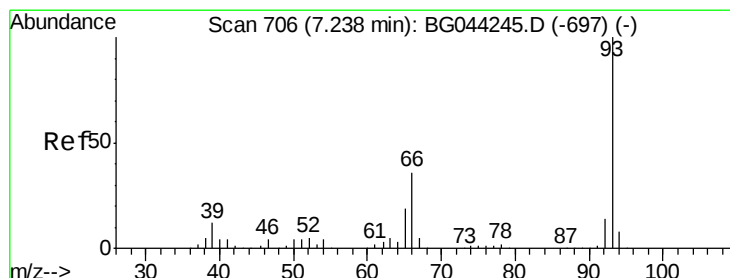
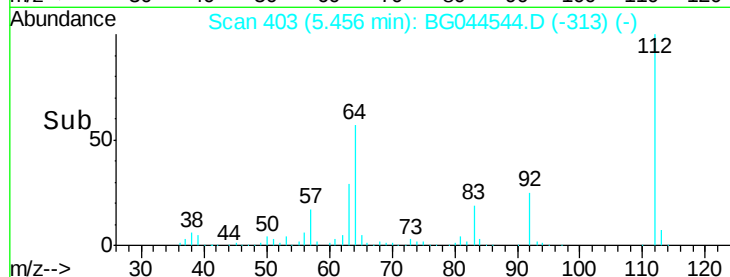
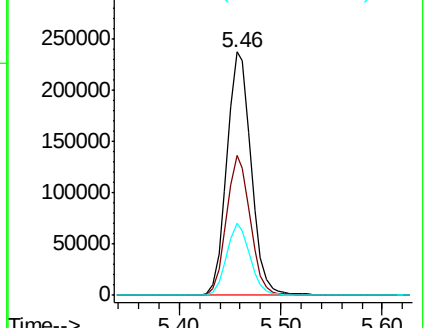
63 29.5 22.2 33.2



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: 34.593 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

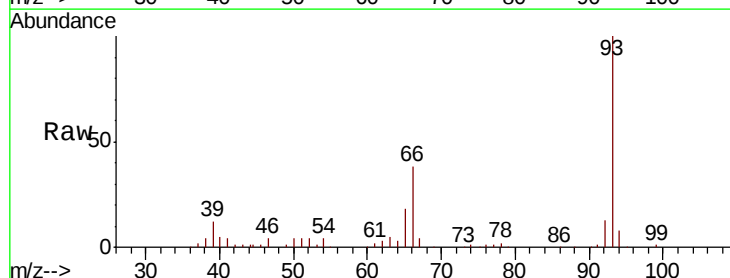
Tgt Ion: 93 Resp: 168611

Ion Ratio Lower Upper

93 100

66 38.0 29.6 44.4

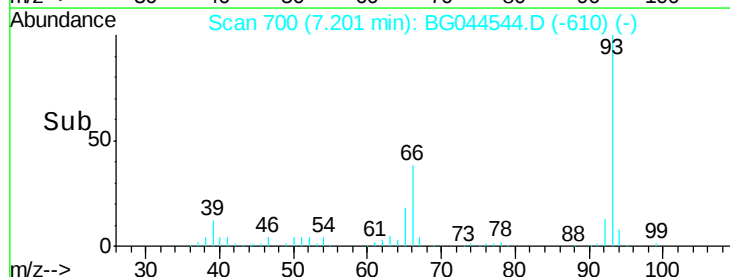
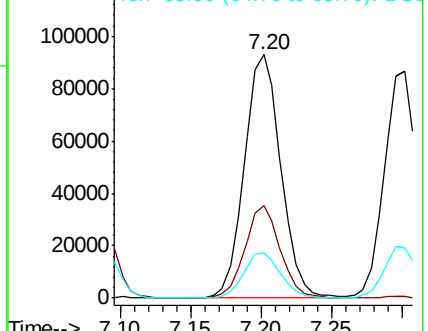
65 18.4 15.0 22.4

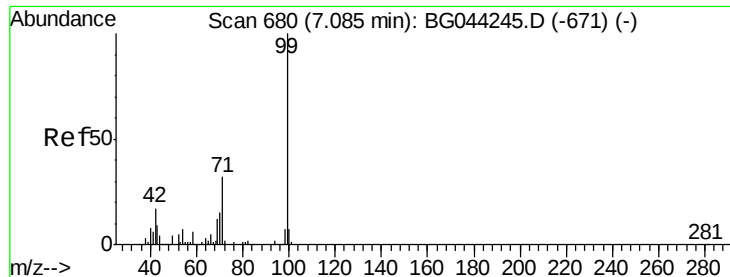


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.862 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

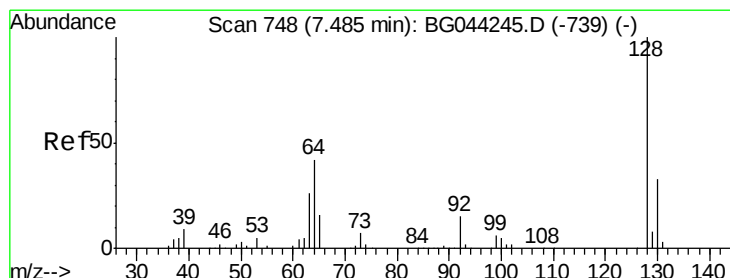
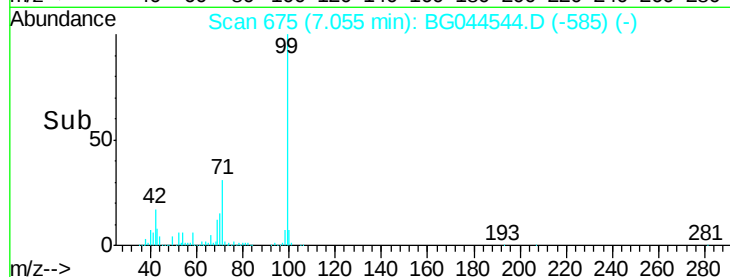
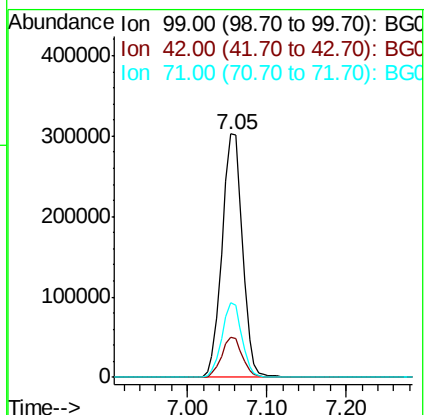
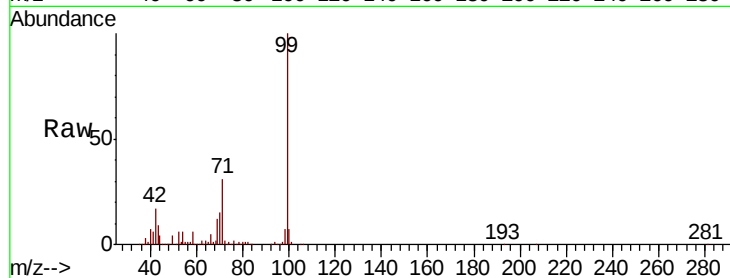
Tot Ion: 99 Resp: 541346

Ion Ratio Lower Upper

99 100

42 16.6 13.4 20.0

71 30.9 24.7 37.1



#8

2-Chlorophenol

Concen: 49.434 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

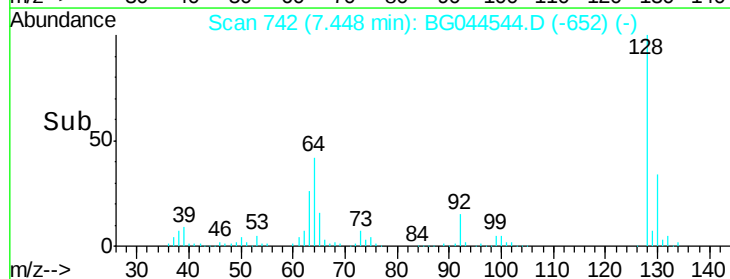
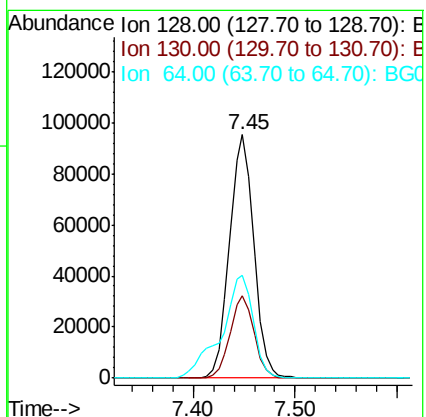
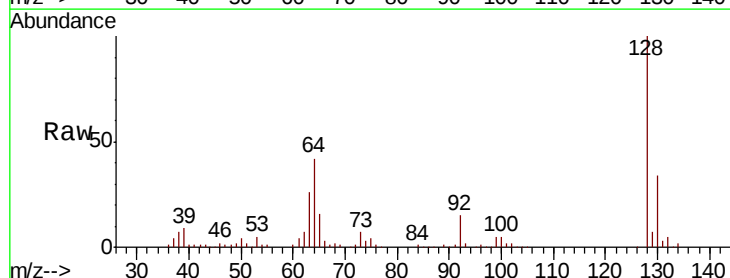
Tgt Ion: 128 Resp: 158868

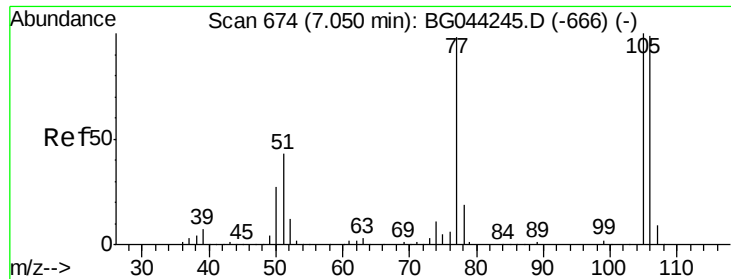
Ion Ratio Lower Upper

128 100

130 34.0 12.5 52.5

64 42.0 22.7 62.7





#9

Benzaldehyde

Concen: 30.759 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampled :

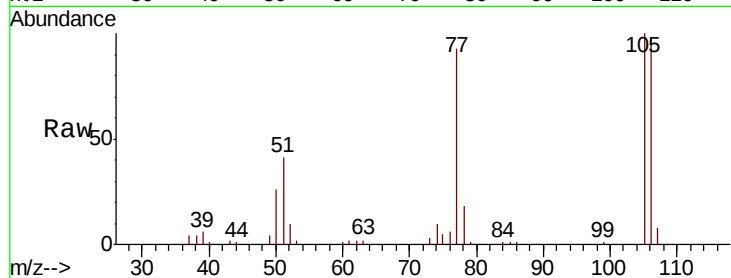
Tot Ion: 77 Resp: 68789

Ion Ratio Lower Upper

77 100

105 107.1 80.0 120.0

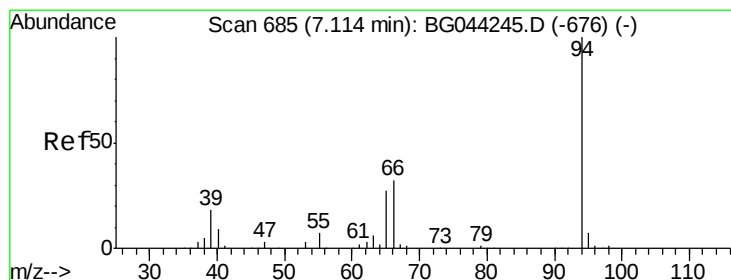
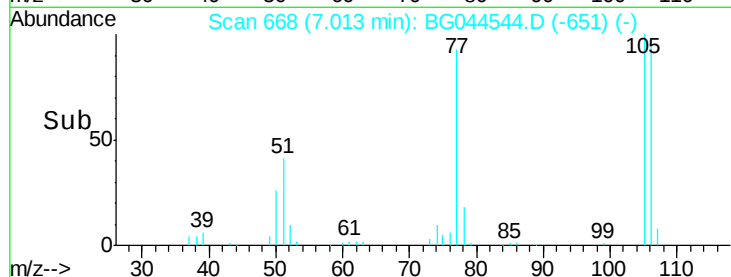
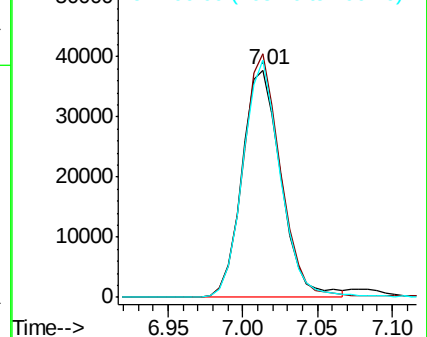
106 104.1 75.4 115.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.245 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

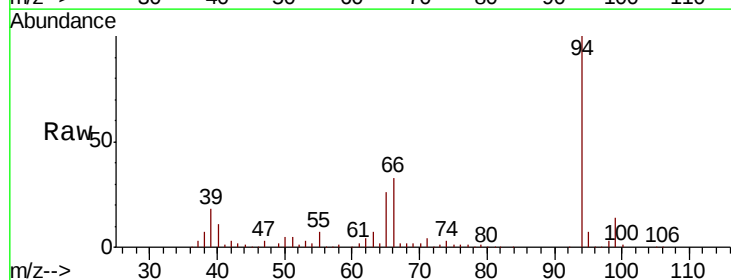
Tgt Ion: 94 Resp: 195261

Ion Ratio Lower Upper

94 100

65 26.0 7.3 47.3

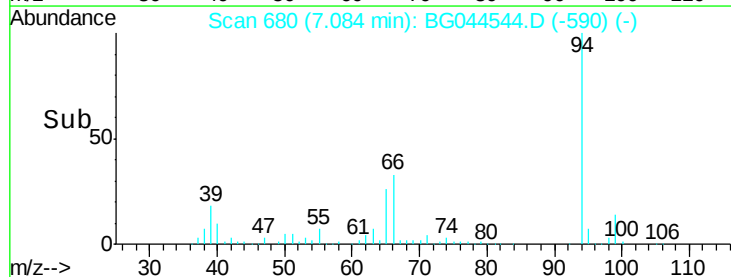
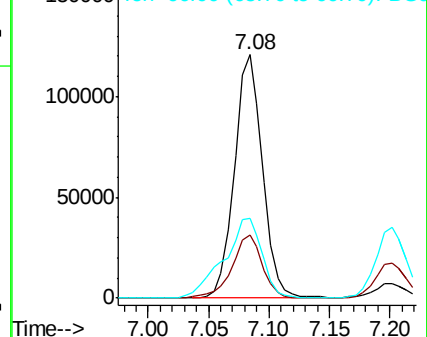
66 32.7 15.4 55.4

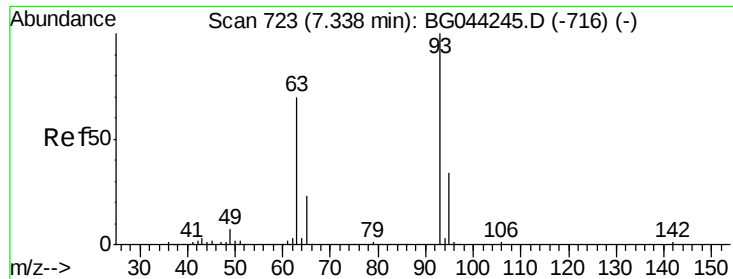


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

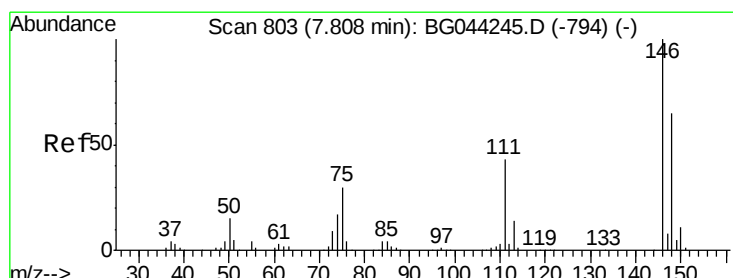
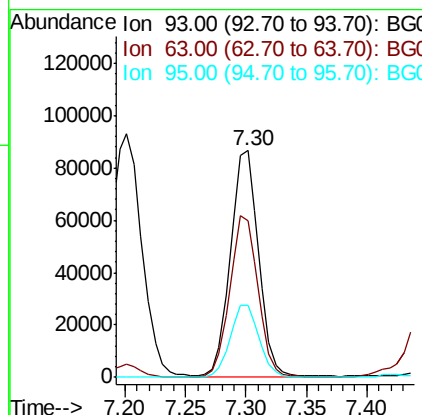
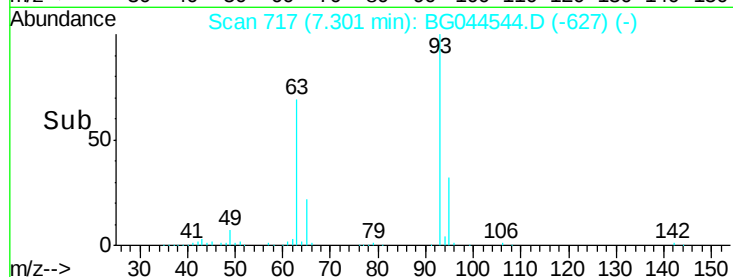
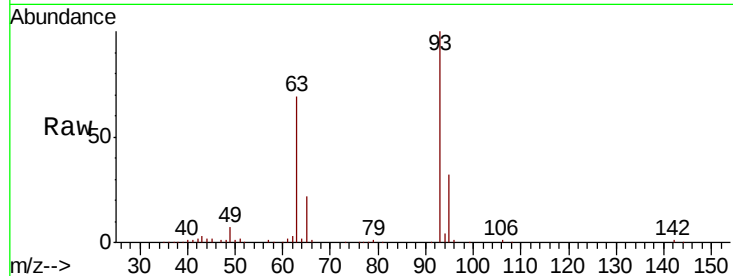




#11
bis(2-Chloroethyl)ether
Concen: 42.829 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

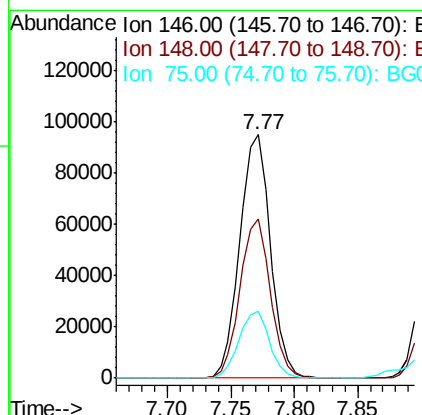
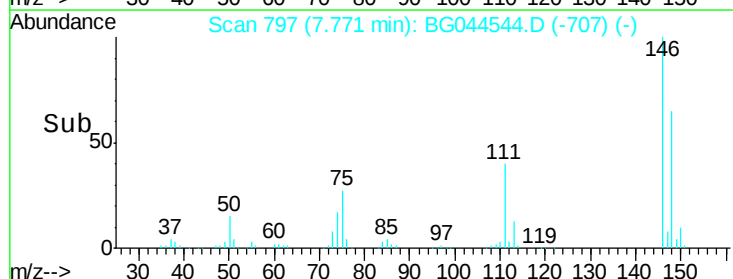
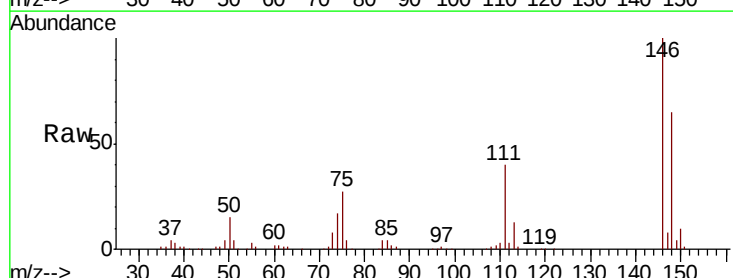
Instrument :
BNA_G
ClientSampleId :

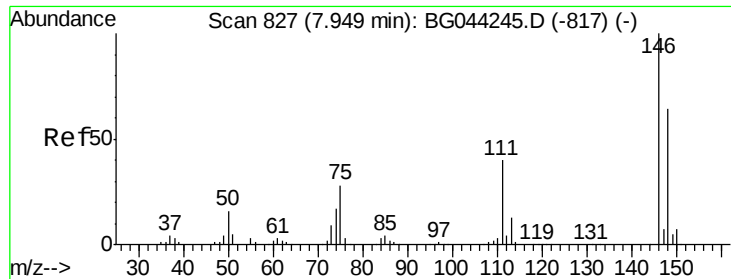
Tot Ion: 93 Resp: 142293
Ion Ratio Lower Upper
93 100
63 68.9 50.8 90.8
95 32.0 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 41.564 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion: 146 Resp: 159486
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.2
75 27.4 21.9 32.9

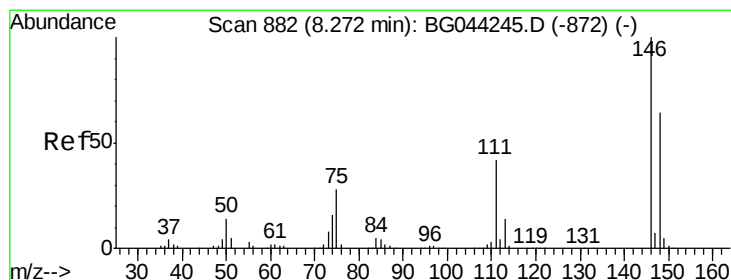
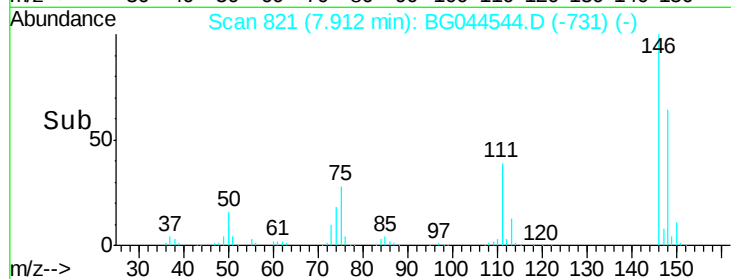
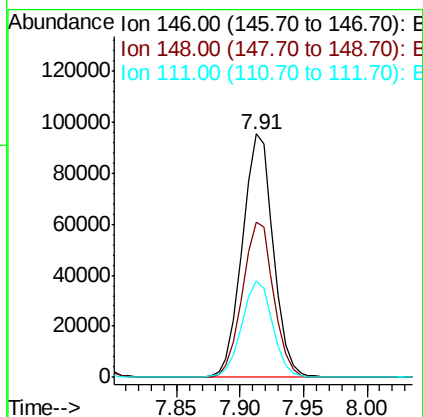
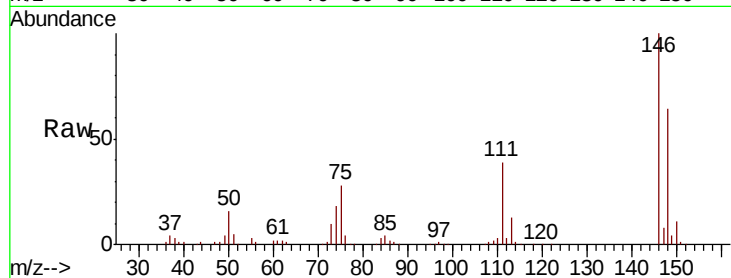




#13
 1,4-Dichlorobenzene
 Concen: 42.459 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

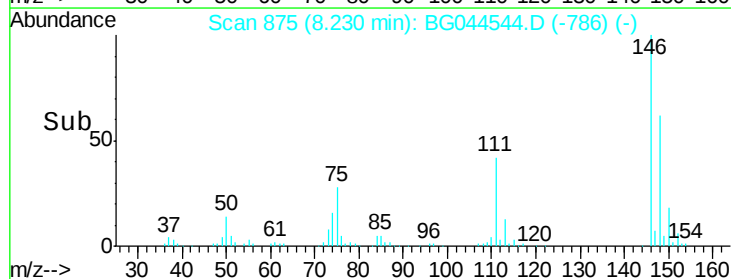
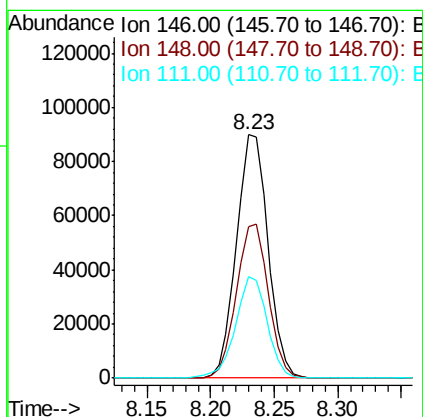
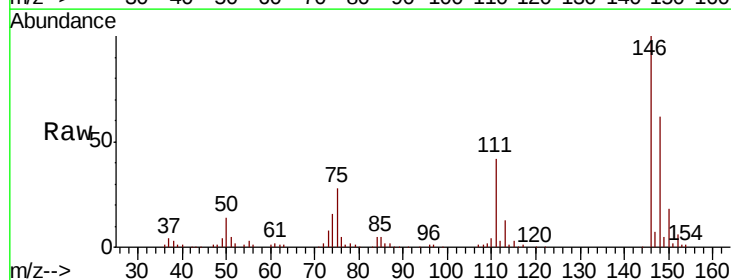
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 161361
 Ion Ratio Lower Upper
 146 100
 148 63.8 49.9 74.9
 111 39.4 31.0 46.6



#14
 1,2-Dichlorobenzene
 Concen: 43.194 ng
 RT: 8.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Tgt Ion:146 Resp: 155158
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.9 77.9
 111 41.7 33.1 49.7





#15

Benzyl Alcohol

Concen: 46.575 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :
BNA_G
ClientSampled :

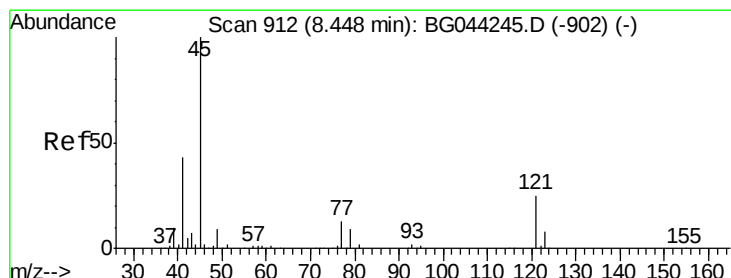
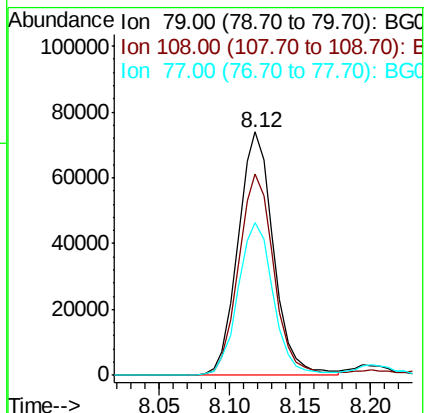
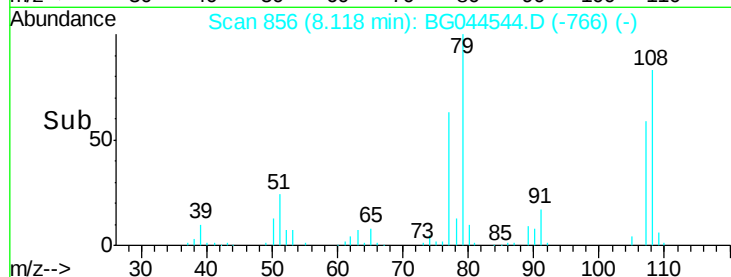
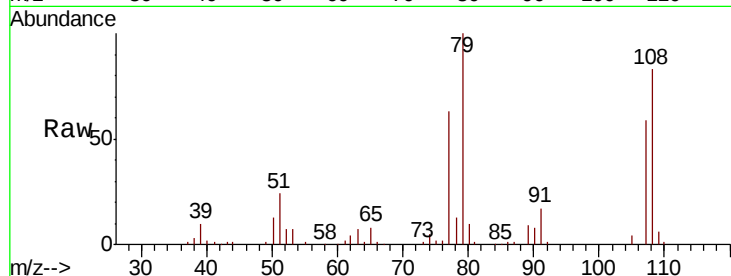
Tot Ion: 79 Resp: 129479

Ion Ratio Lower Upper

79 100

108 82.7 66.0 99.0

77 62.6 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.026 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

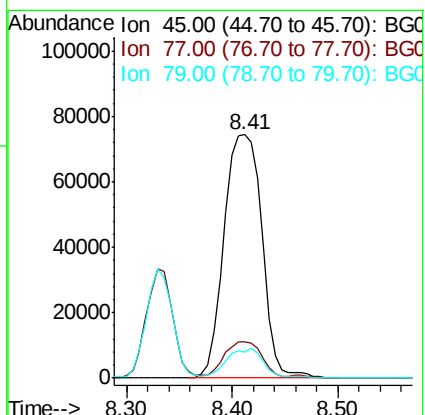
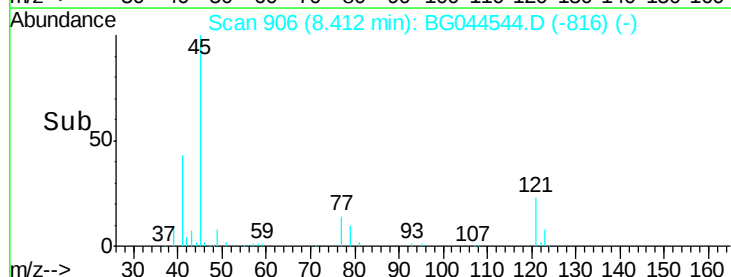
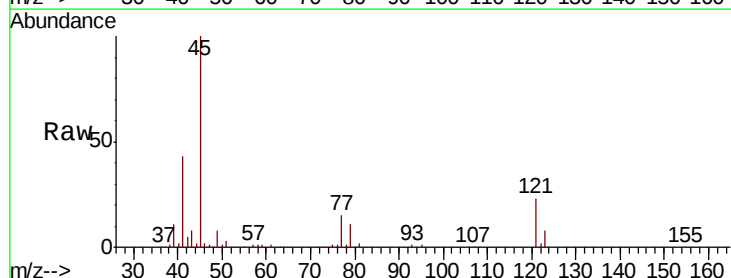
Tgt Ion: 45 Resp: 184487

Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.2

79 10.8 0.0 30.9





#17

2-Methylphenol

Concen: 49.701 ng

RT: 8.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 137806

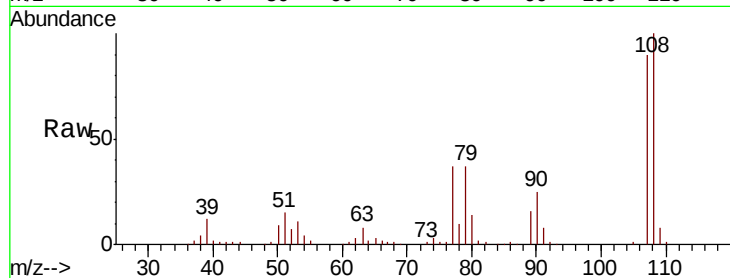
Ion Ratio Lower Upper

107 100

108 110.8 88.1 132.1

77 41.5 33.8 50.6

79 41.2 32.7 49.1

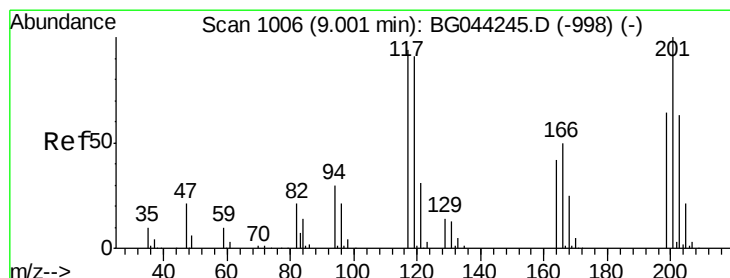
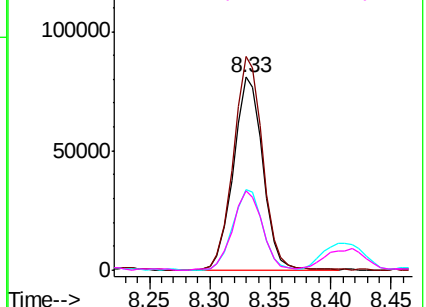
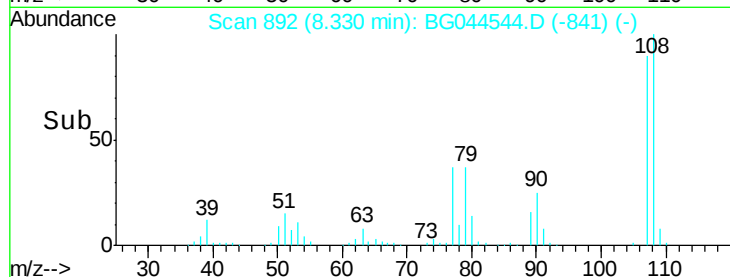


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 41.281 ng

RT: 8.96 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

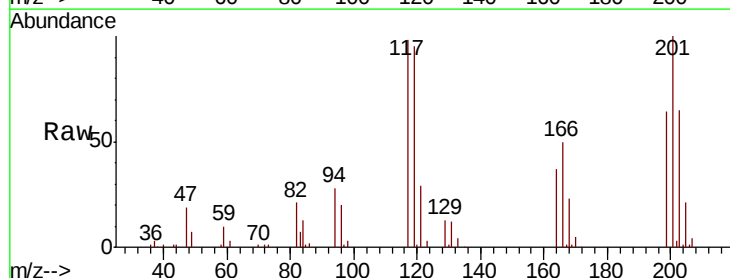
Tgt Ion:117 Resp: 58871

Ion Ratio Lower Upper

117 100

119 96.9 75.5 113.3

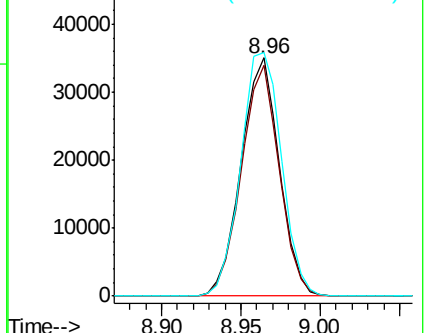
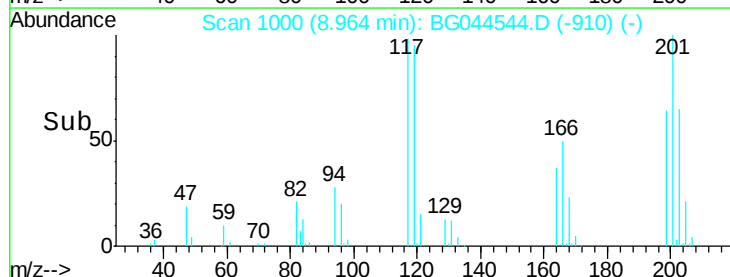
201 102.2 88.6 133.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

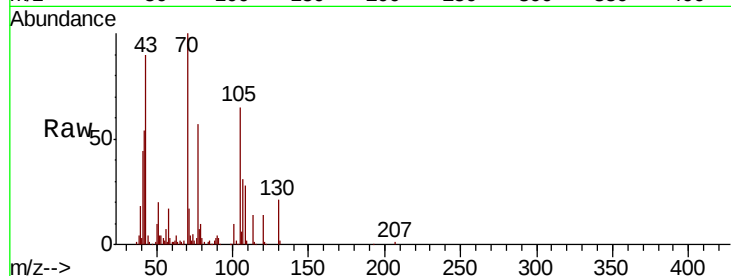




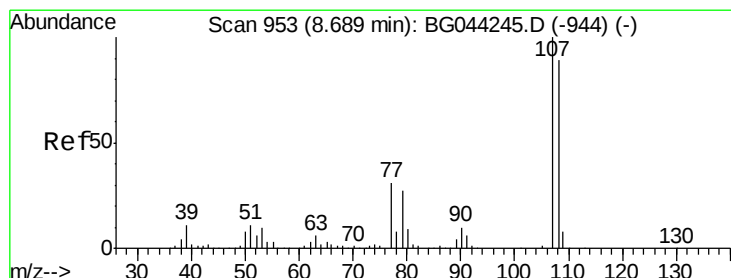
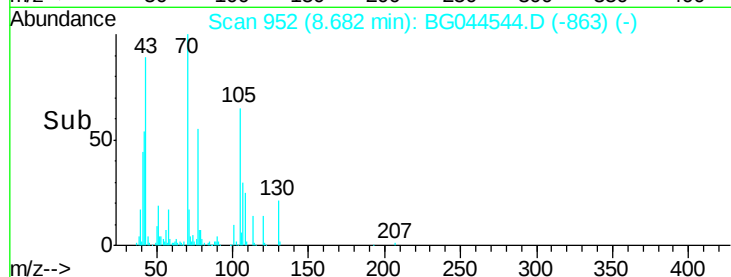
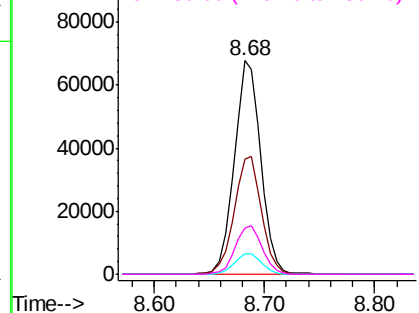
#19
n-Nitroso-di-n-propylamine
Concen: 43.513 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 113873
Ion Ratio Lower Upper
70 100
42 54.0 44.0 66.0
101 9.8 7.6 11.4
130 21.3 18.2 27.2

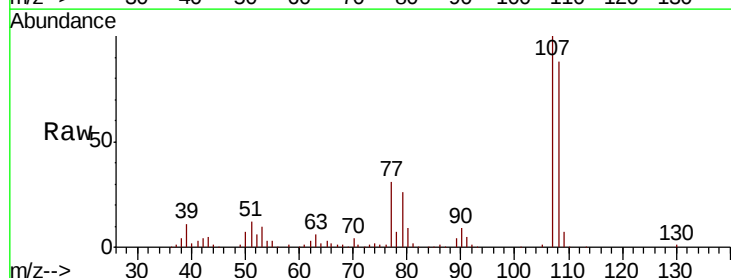


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

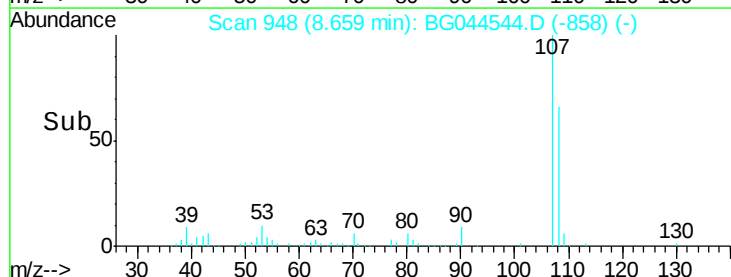
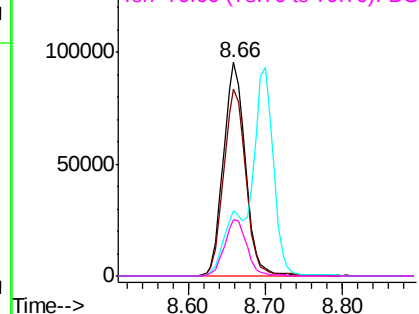


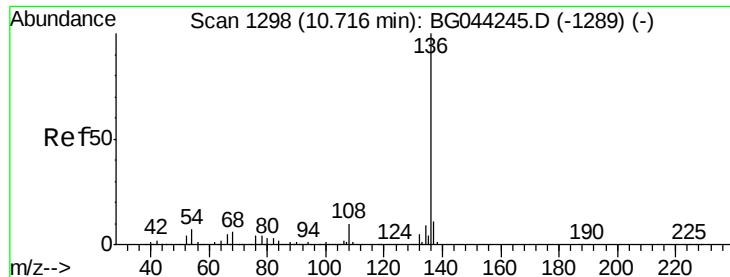
#20
3+4-Methylphenols
Concen: 49.475 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion: 107 Resp: 189055
Ion Ratio Lower Upper
107 100
108 87.5 69.2 109.2
77 30.6 10.5 50.5
79 26.5 6.4 46.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 224338

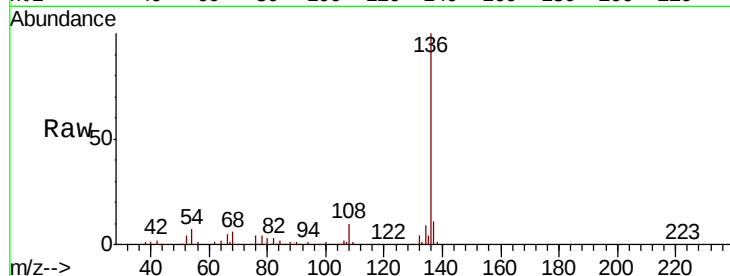
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.2 5.5 8.3

68 5.8 4.6 6.8

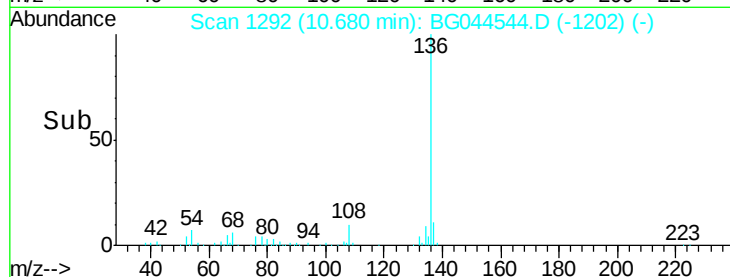


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->

10.68

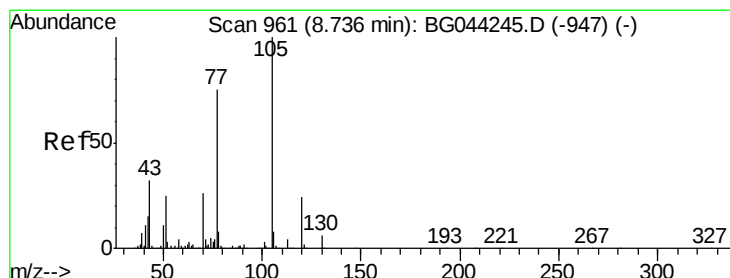
150000

100000

50000

0

10.60 10.70



#22

Acetophenone

Concen: 39.714 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Tgt Ion:105 Resp: 216737

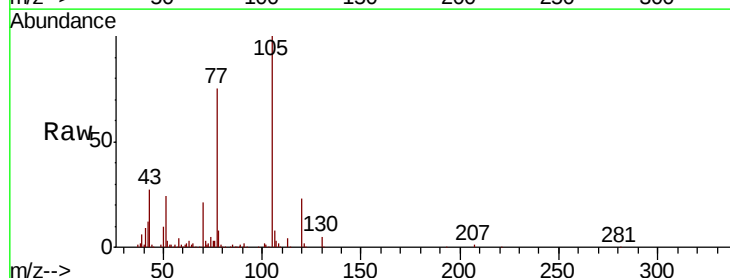
Ion Ratio Lower Upper

105 100

71 3.0 4.2 6.4#

51 23.6 20.1 30.1

120 23.3 18.9 28.3

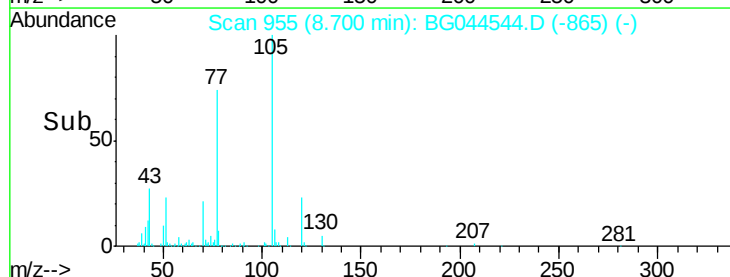


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

8.70

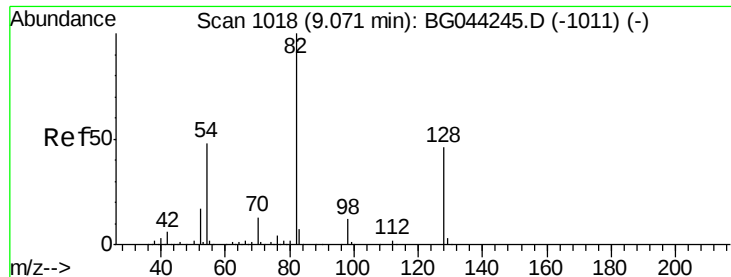
150000

100000

50000

0

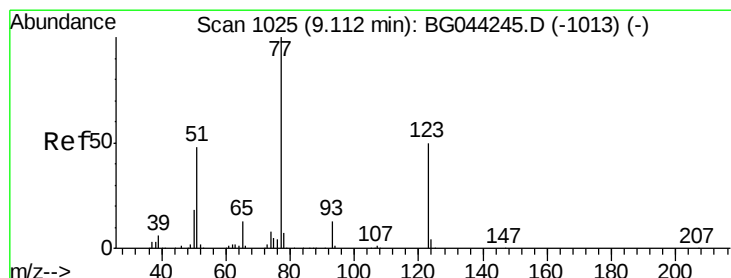
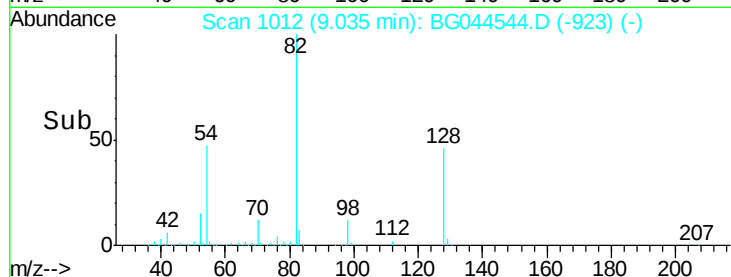
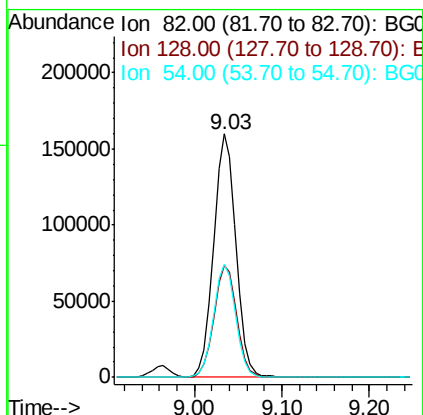
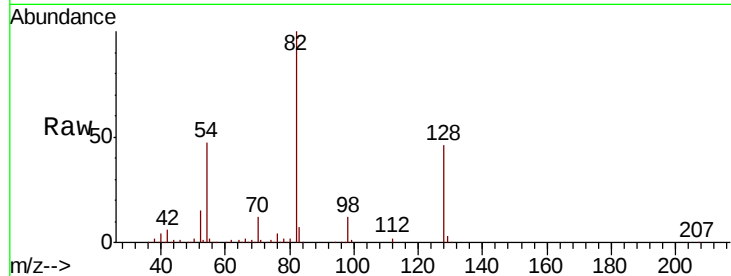
8.60 8.70 8.80



#23
Nitrobenzene-d5
Concen: 70.808 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

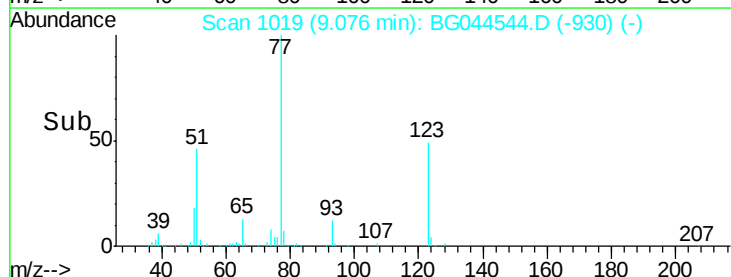
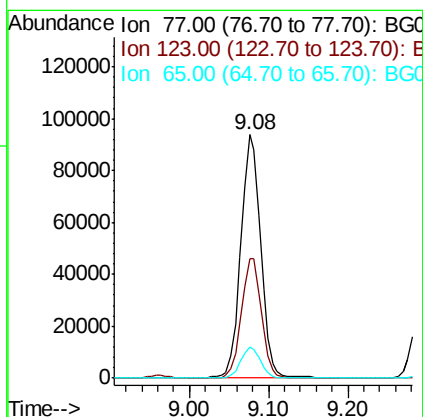
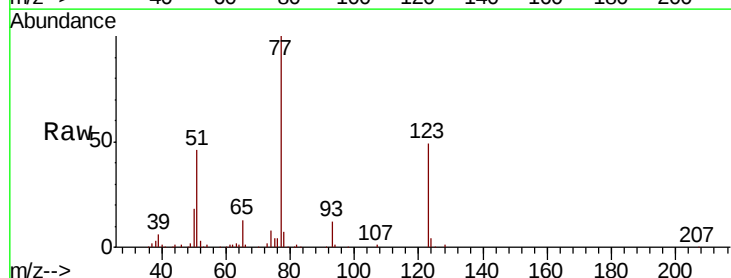
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	281368
Ion Ratio	Lower	Upper	
82	100		
128	45.7	39.1	58.7
54	46.7	37.9	56.9



#24
Nitrobenzene
Concen: 42.074 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion	77	Resp	163218
Ion Ratio	Lower	Upper	
77	100		
123	49.0	40.2	60.2
65	12.8	10.8	16.2





#25

Isophorone

Concen: 43.421 ng

RT: 9.60 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampled :

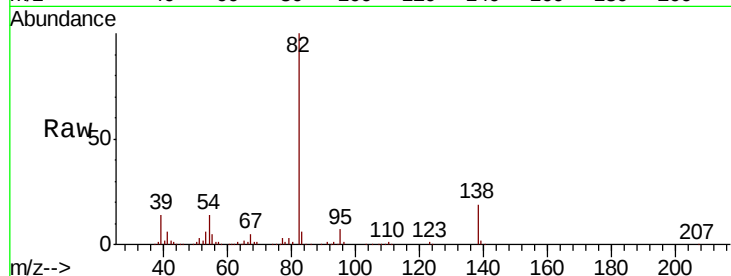
Tot Ion: 82 Resp: 321590

Ion Ratio Lower Upper

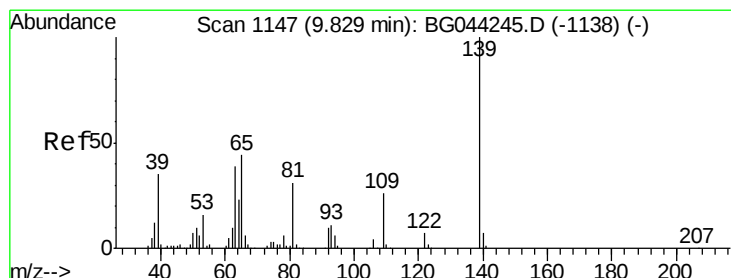
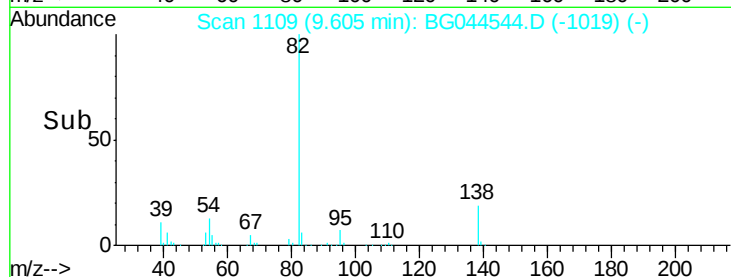
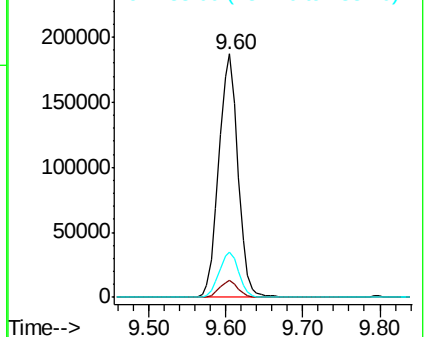
82 100

95 7.2 5.5 8.3

138 18.7 14.6 22.0



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



#26

2-Nitrophenol

Concen: 45.568 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

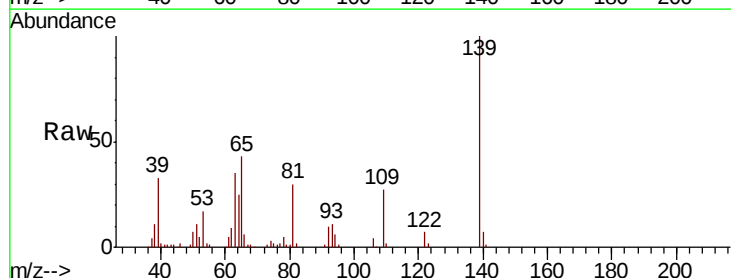
Tgt Ion: 139 Resp: 91725

Ion Ratio Lower Upper

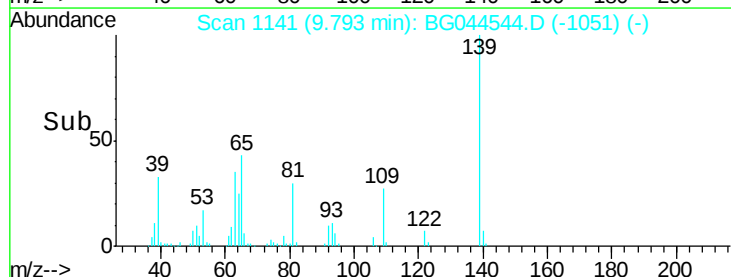
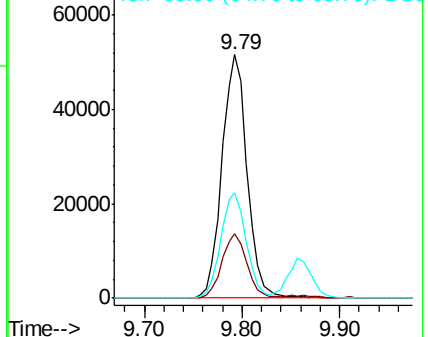
139 100

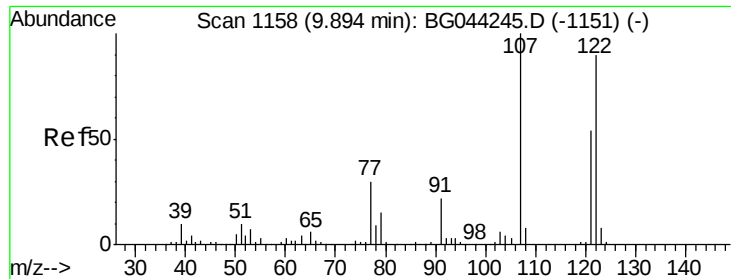
109 26.6 20.1 30.1

65 43.1 35.4 53.2



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

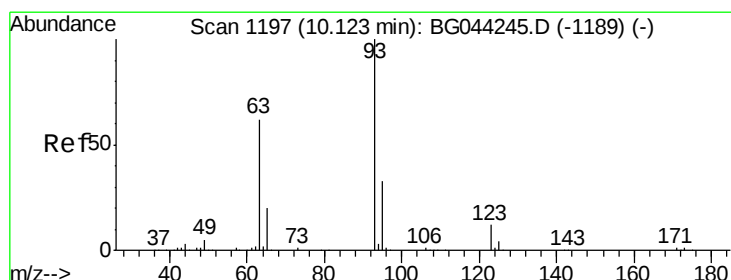
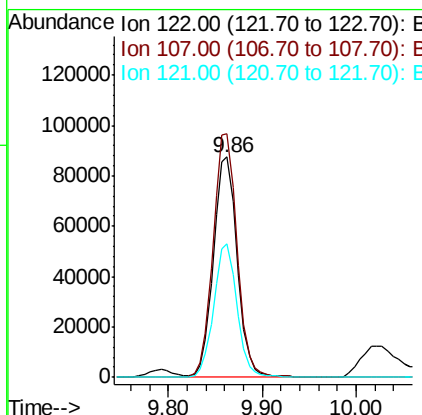
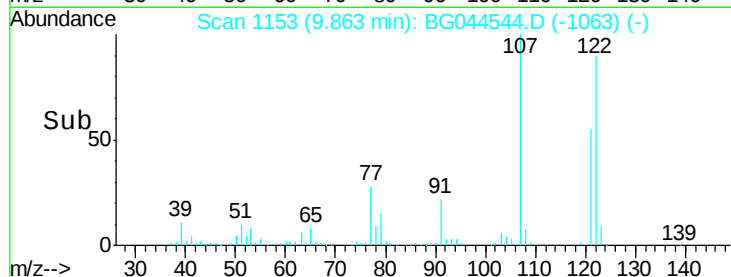
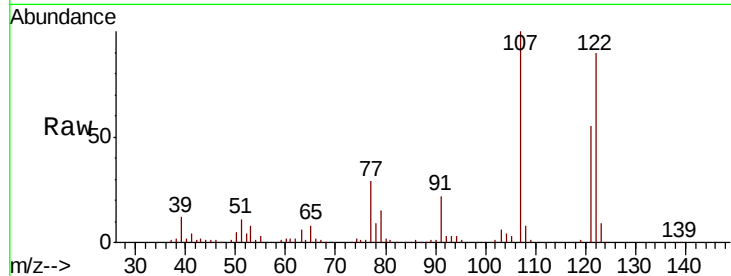




#27
2,4-Dimethylphenol
Concen: 54.604 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

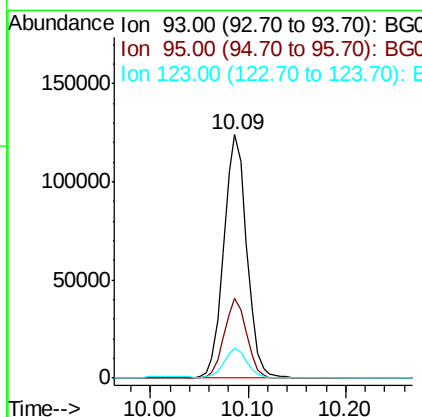
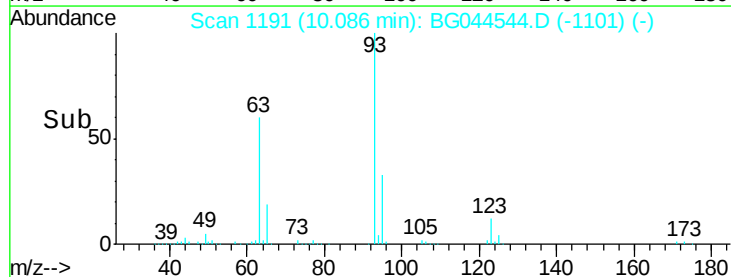
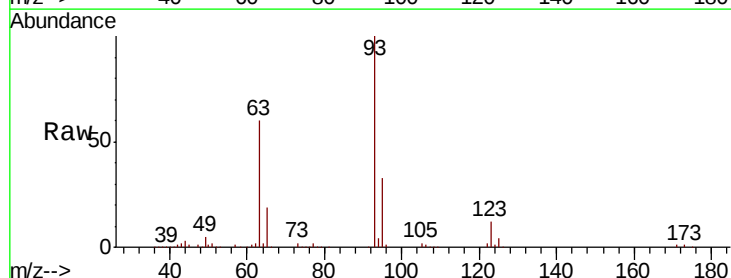
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 155154
Ion Ratio Lower Upper
122 100
107 110.5 89.8 134.8
121 60.6 48.1 72.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.931 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion: 93 Resp: 202233
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 12.4 9.4 14.0

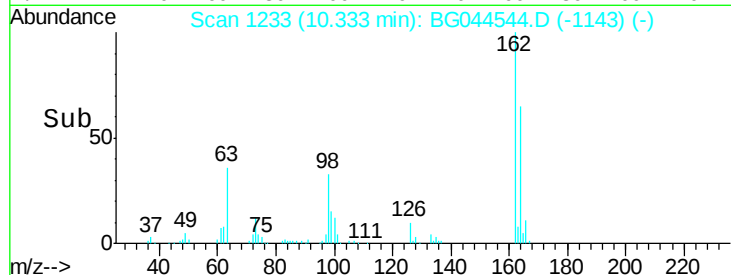
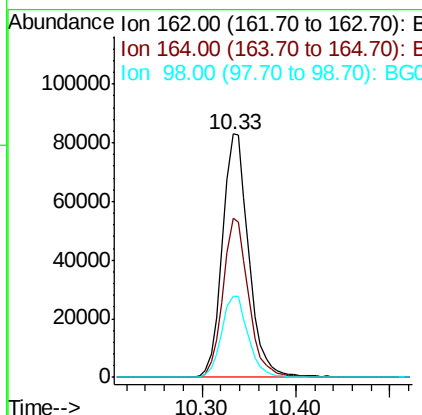
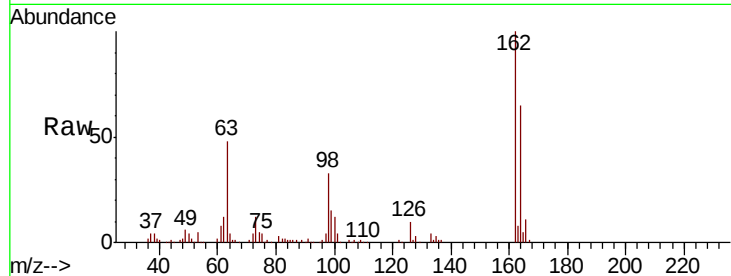




#29
2,4-Dichlorophenol
Concen: 47.198 ng
RT: 10.33 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

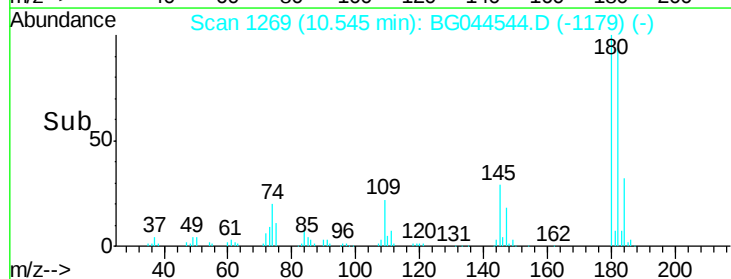
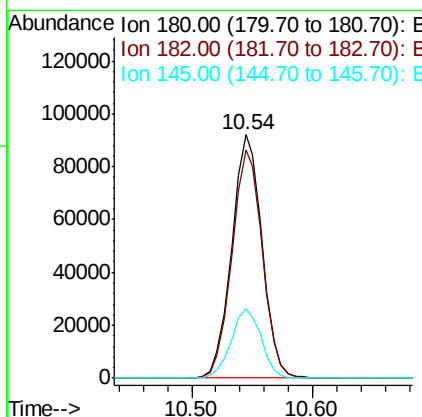
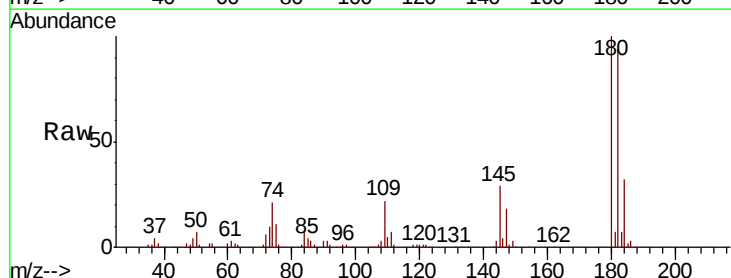
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.5	85.5
98	33.3	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 40.695 ng
RT: 10.54 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.4	111.6
145	28.6	23.0	34.6

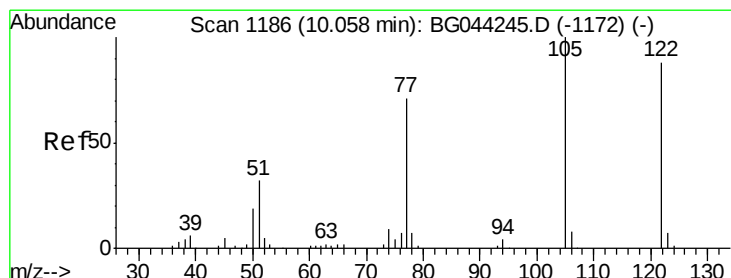
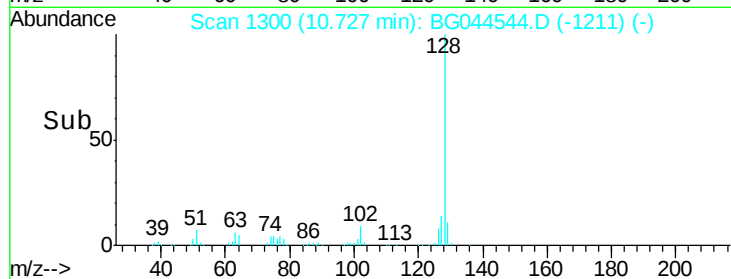
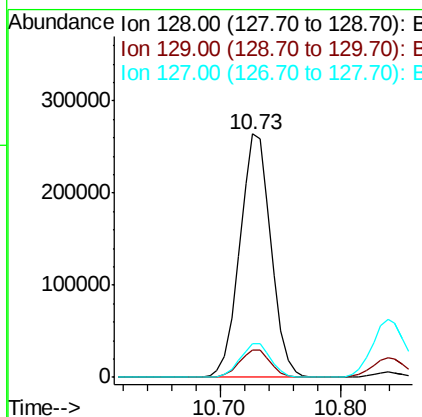
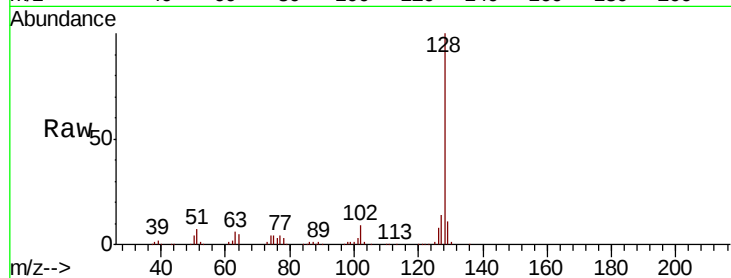




#31
Naphthalene
Concen: 43.448 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

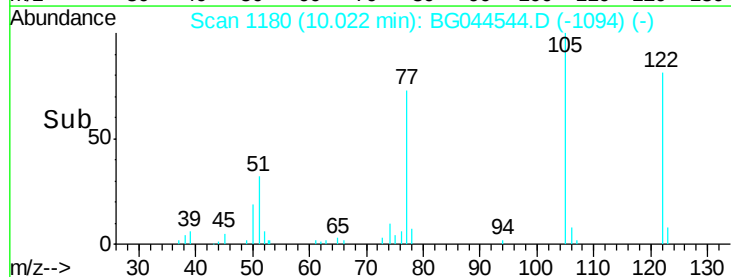
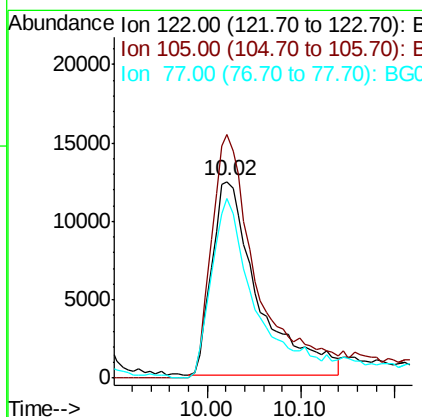
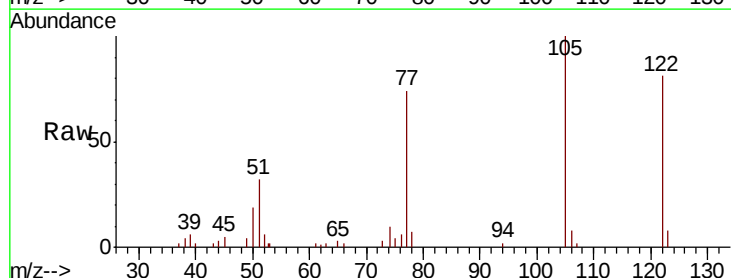
Instrument :
BNA_G
ClientSampleId :

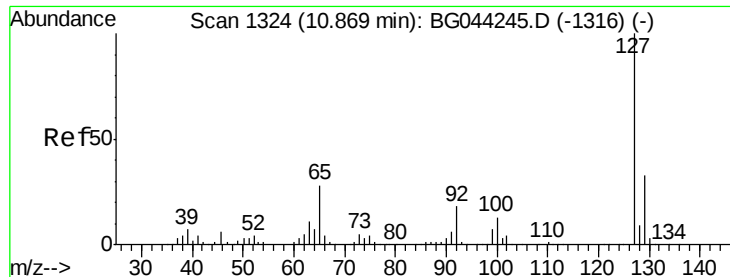
Tot Ion:128 Resp: 472895
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 30.361 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion:122 Resp: 42995
Ion Ratio Lower Upper
122 100
105 123.8 101.4 141.4
77 91.5 68.6 108.6

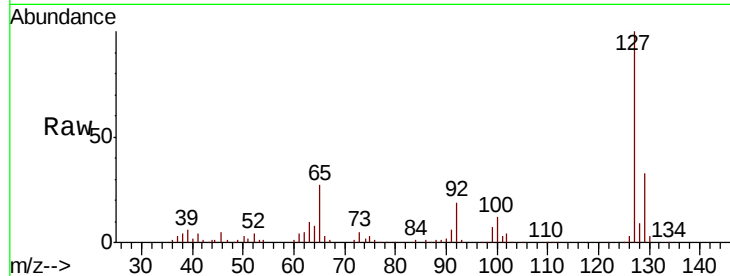




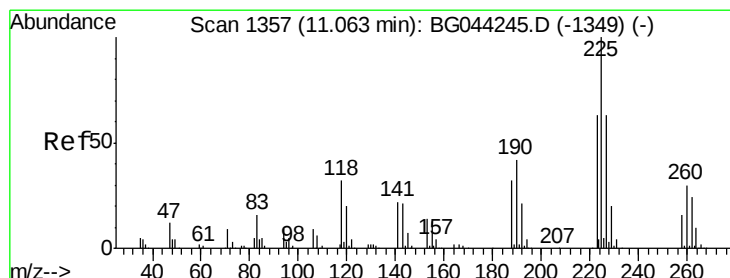
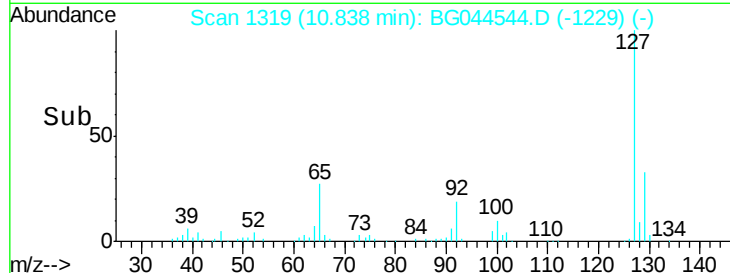
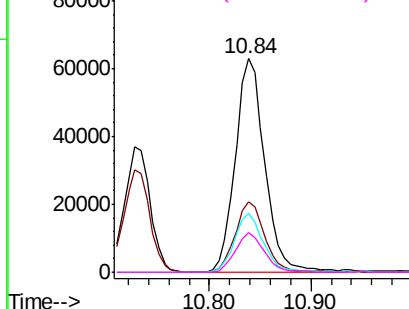
#33
4-Chloroaniline
Concen: 25.732 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	127376
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	27.3	22.1	33.1
92	18.5	14.6	22.0

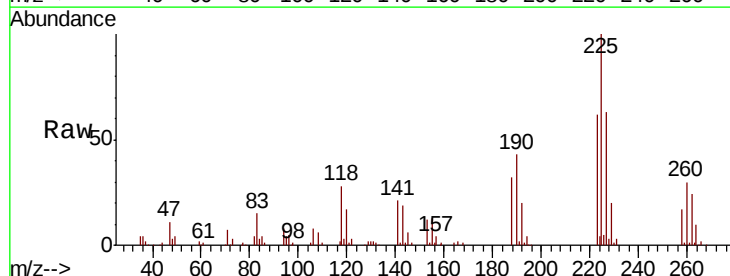


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

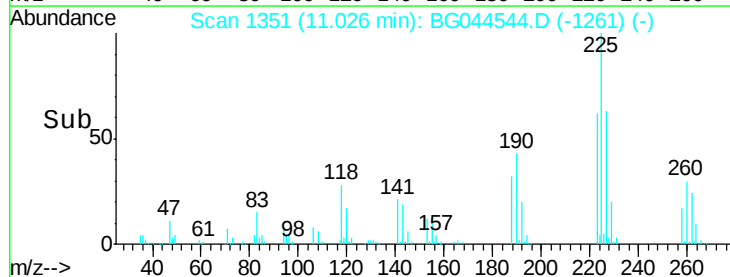
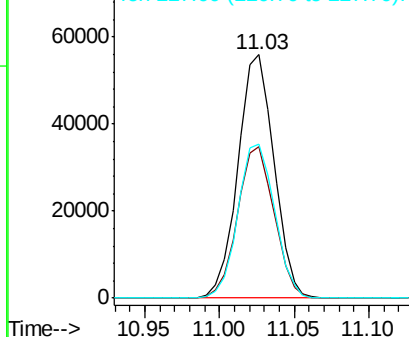


#34
Hexachlorobutadiene
Concen: 38.716 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion:	225	Resp:	93854
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.4	75.6
227	63.2	51.0	76.6



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





#35

Caprolactam

Concen: 25.527 ng

RT: 11.60 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

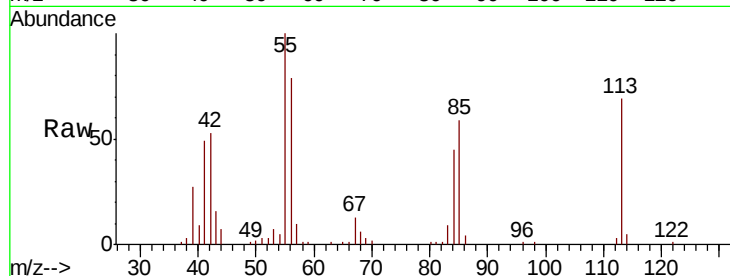
Tot Ion:113 Resp: 32128

Ion Ratio Lower Upper

113 100

55 144.7 126.4 166.4

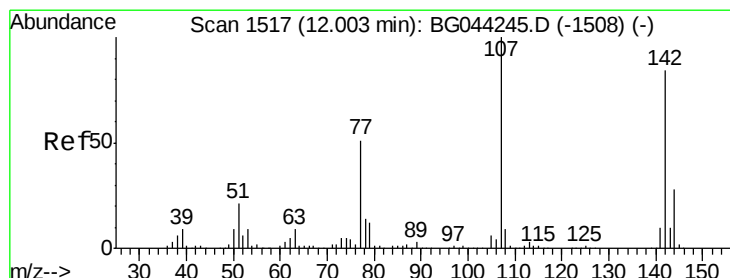
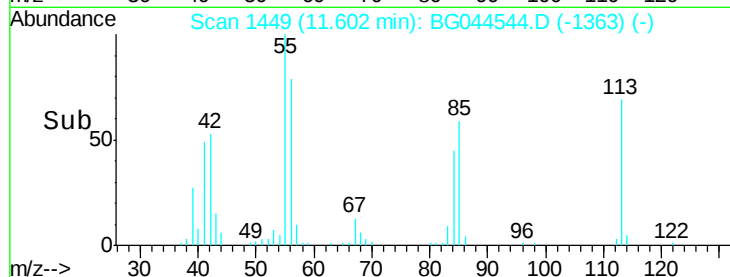
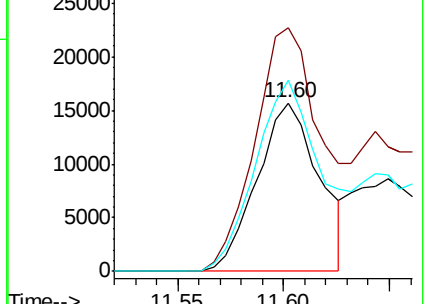
56 113.8 85.8 125.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.001 ng

RT: 11.97 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

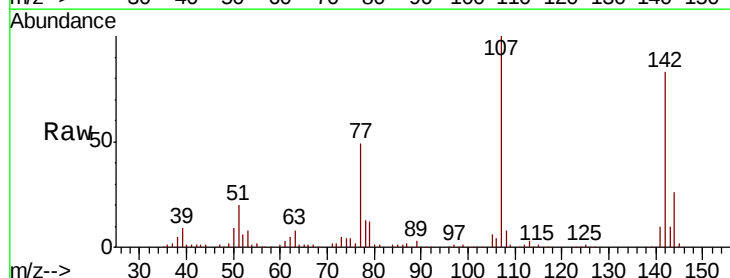
Tgt Ion:107 Resp: 172912

Ion Ratio Lower Upper

107 100

144 25.8 22.7 34.1

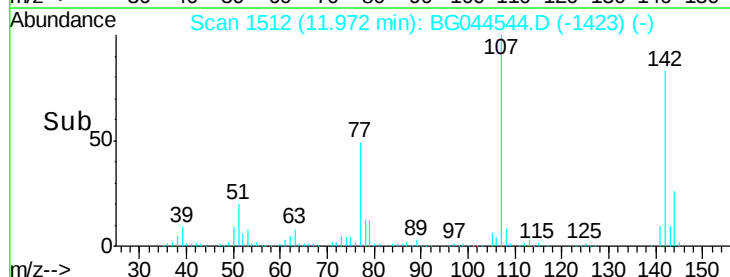
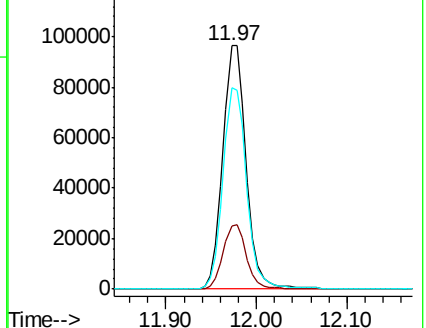
142 82.8 67.7 101.5

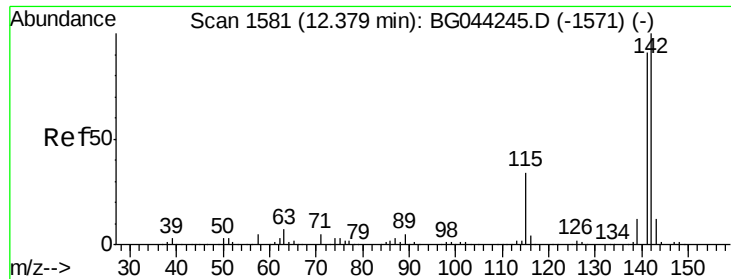


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

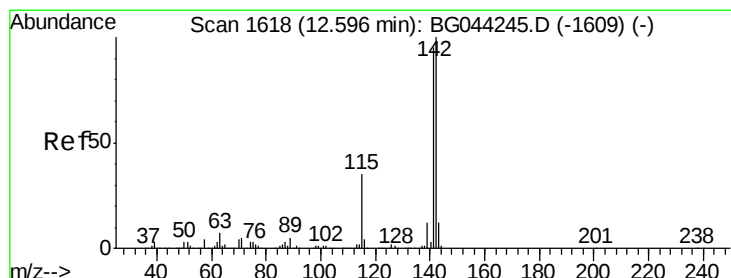
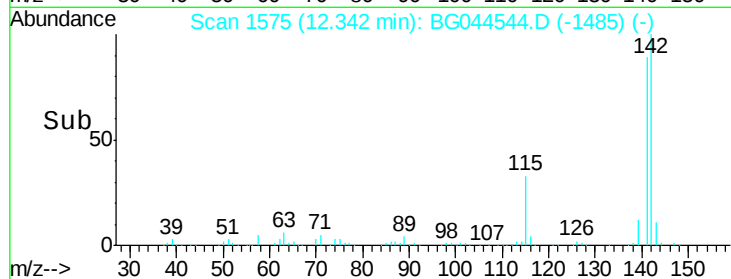
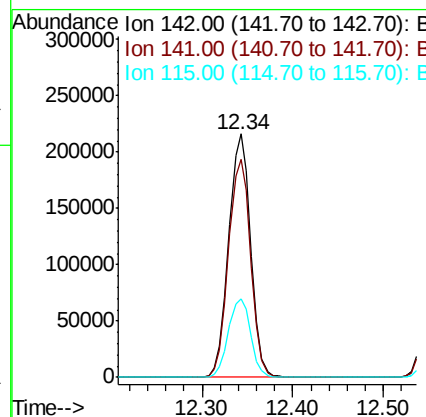
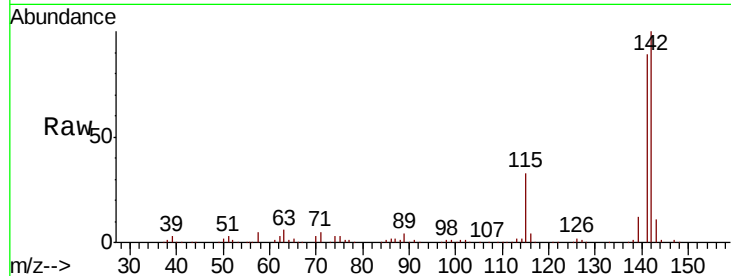




#37
2-Methylnaphthalene
Concen: 44.748 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

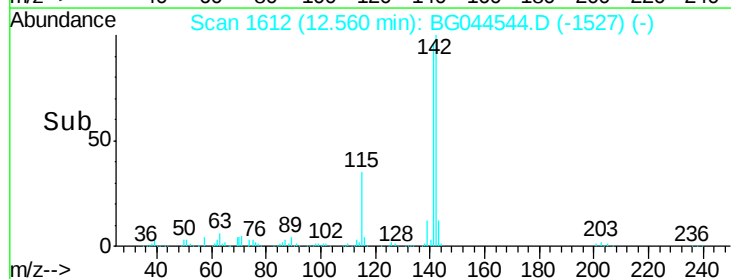
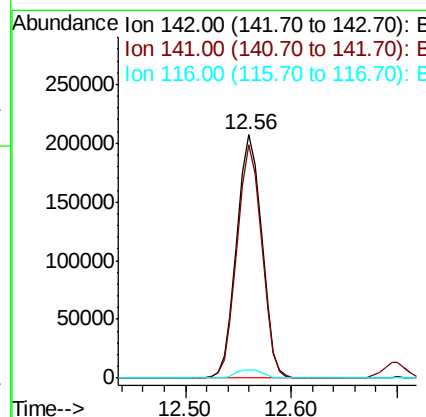
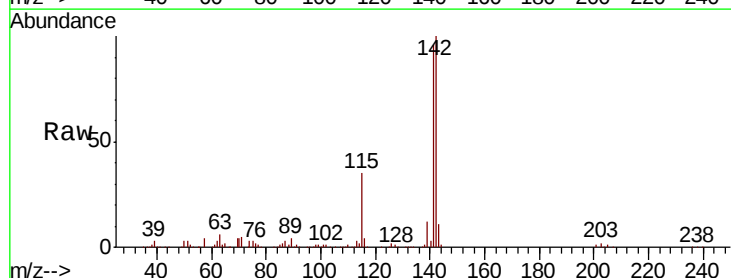
Instrument :
BNA_G
ClientSampled :

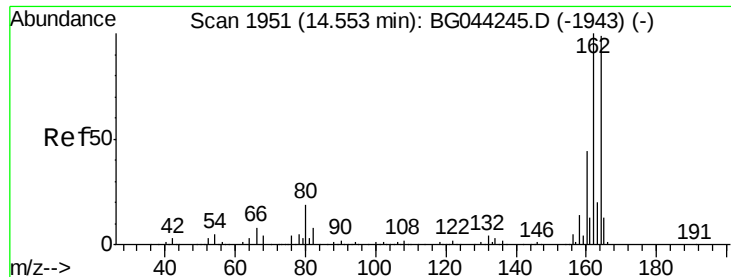
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9
115	32.5	26.7	40.1



#38
1-Methylnaphthalene
Concen: 44.787 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	75.1	112.7
116	3.6	3.2	4.8

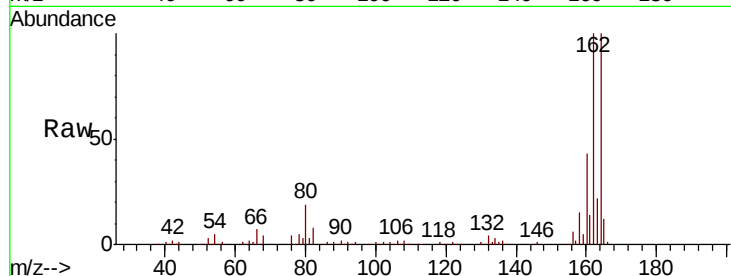




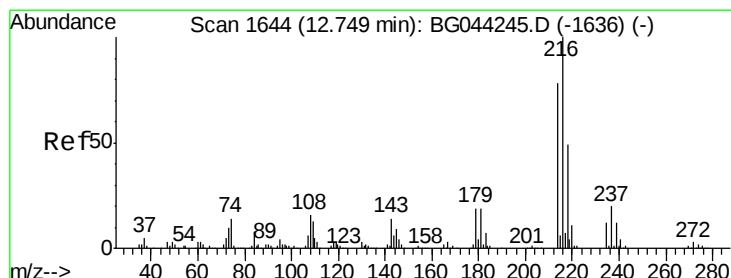
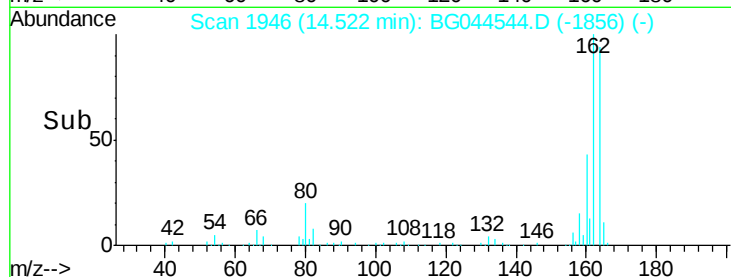
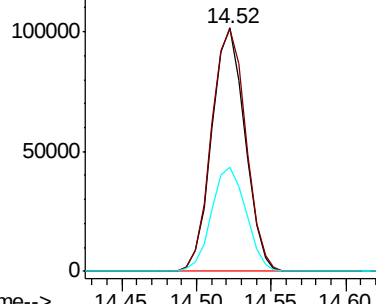
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 156340
Ion Ratio Lower Upper
164 100
162 99.7 81.9 122.9
160 42.7 35.5 53.3

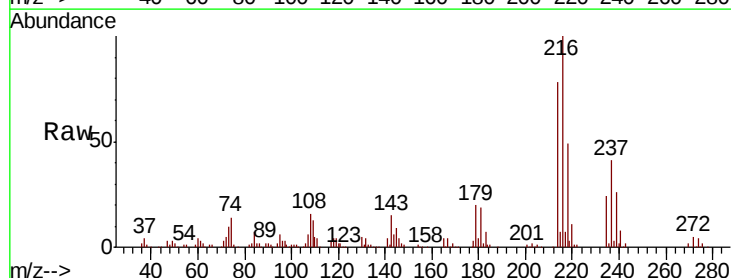


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

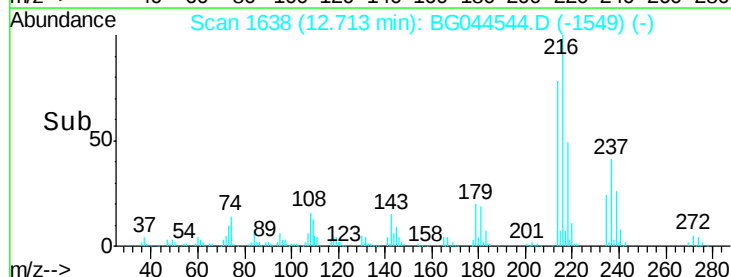
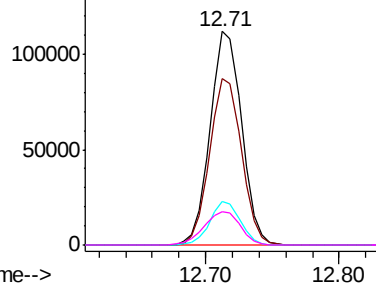


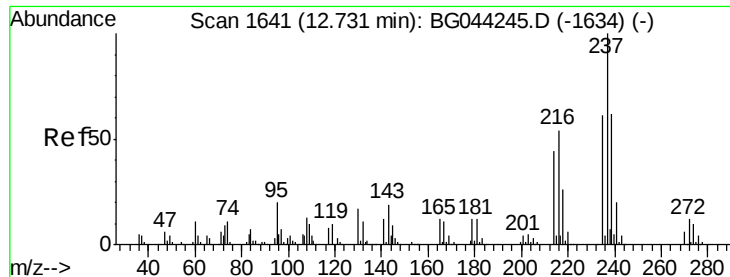
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.047 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion:216 Resp: 182611
Ion Ratio Lower Upper
216 100
214 78.9 64.0 96.0
179 19.9 16.3 24.5
108 17.8 13.0 19.6



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: 79.098 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

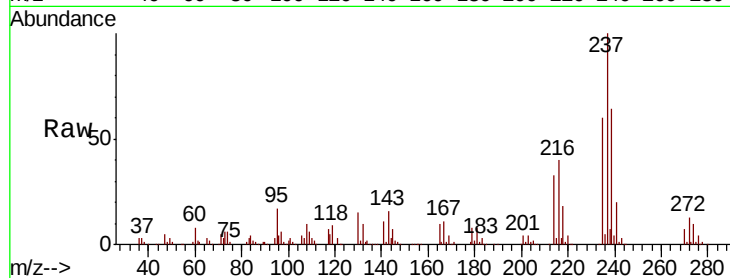
Tot Ion:237 Resp: 177496

Ion Ratio Lower Upper

237 100

235 60.3 41.7 81.7

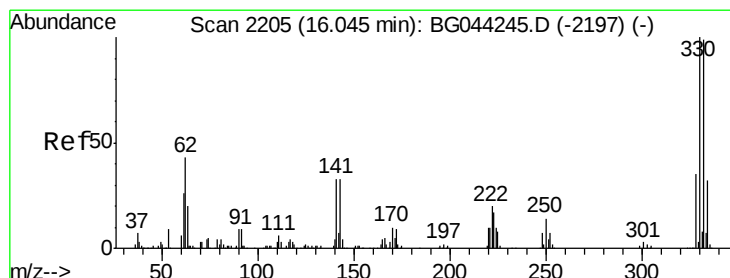
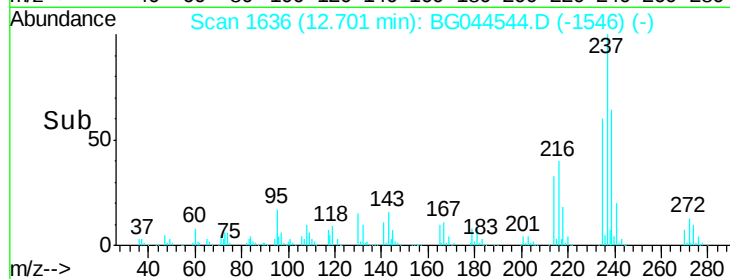
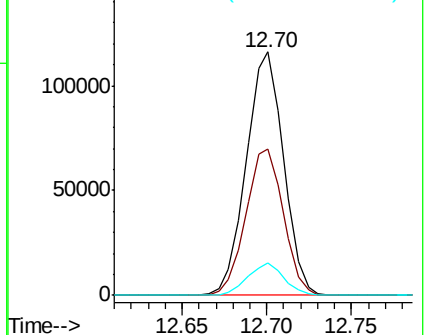
272 13.3 0.0 33.4



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: 130.432 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

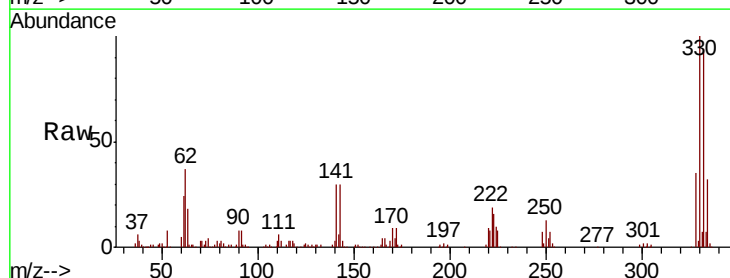
Tgt Ion:330 Resp: 239387

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

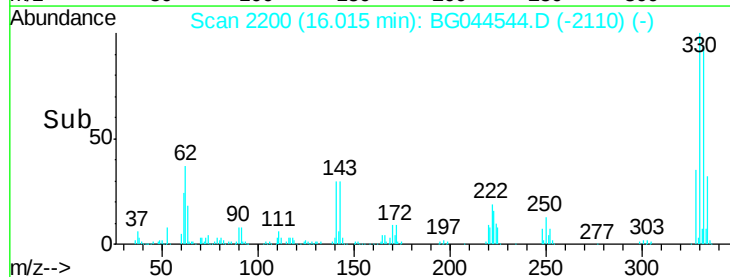
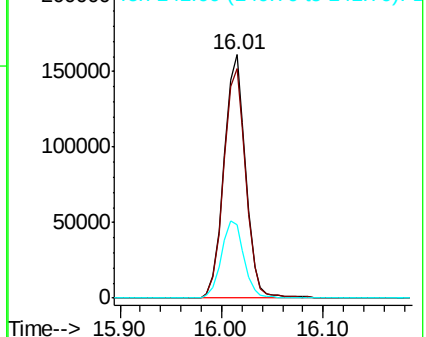
141 33.1 26.5 39.7



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

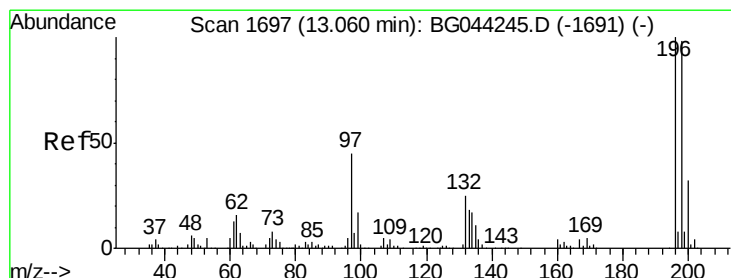
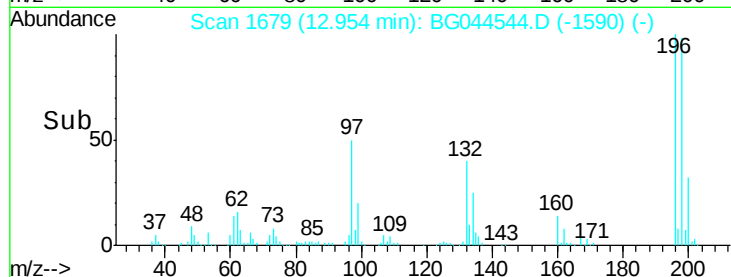
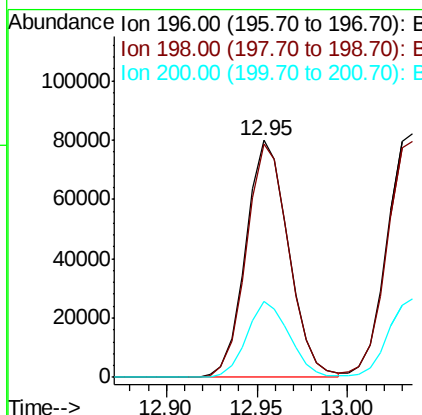
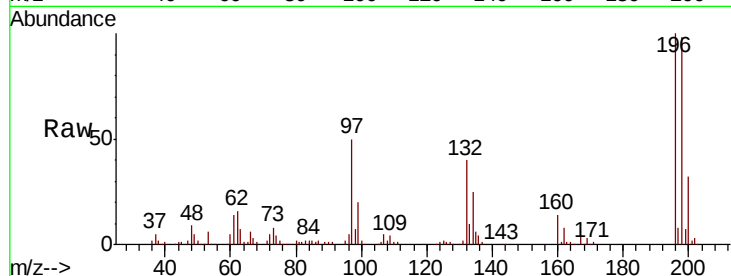




#43
 2,4,6-Trichlorophenol
 Concen: 43.234 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

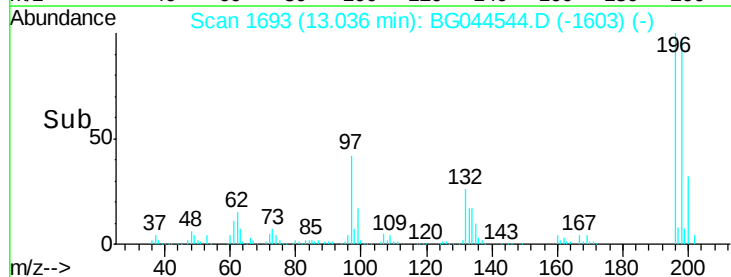
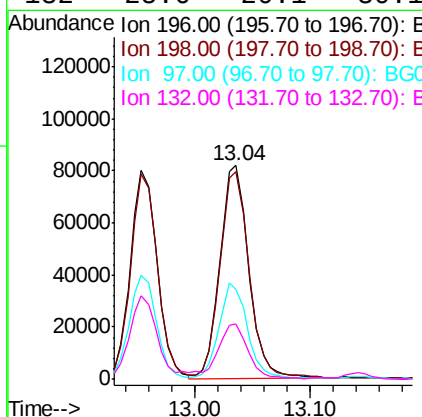
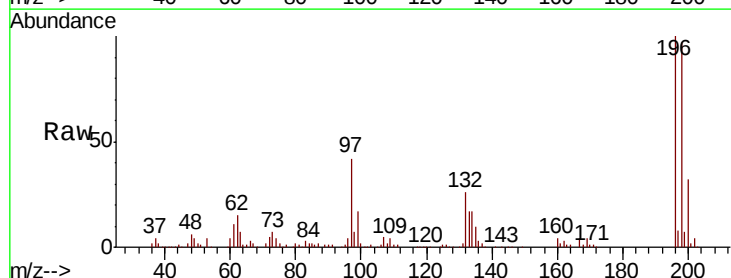
Instrument :
 BNA_G
 ClientSampleId :

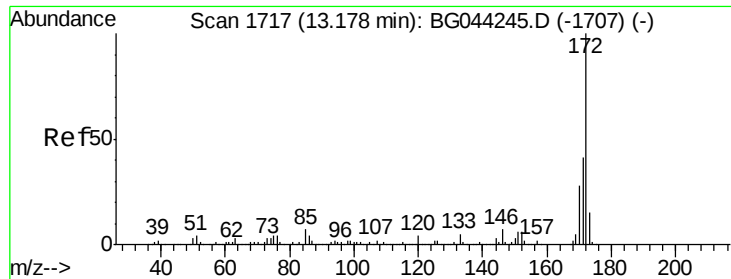
Tot Ion	196	Resp	130689
Ion Ratio	Lower	Upper	
196	100		
198	98.3	77.8	116.8
200	32.3	25.6	38.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.750 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Tgt Ion	196	Resp	141254
Ion Ratio	Lower	Upper	
196	100		
198	97.0	79.9	119.9
97	41.8	35.2	52.8
132	25.6	20.1	30.1

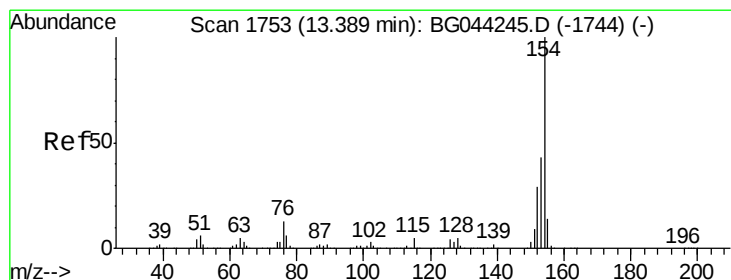
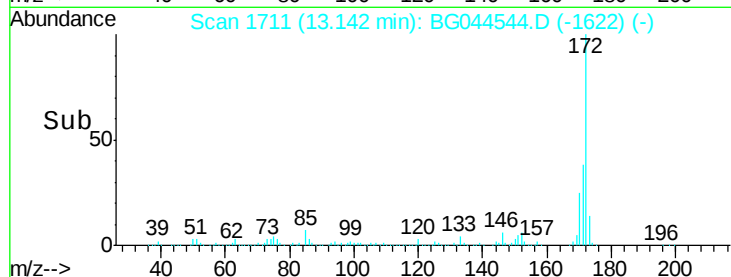
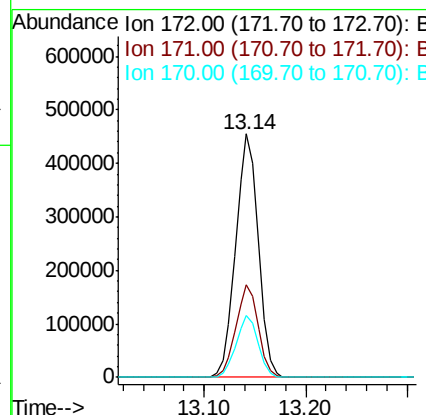
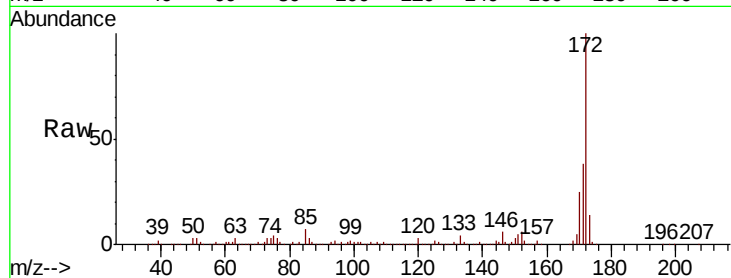




#45
 2-Fluorobiphenyl
 Concen: 74.732 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

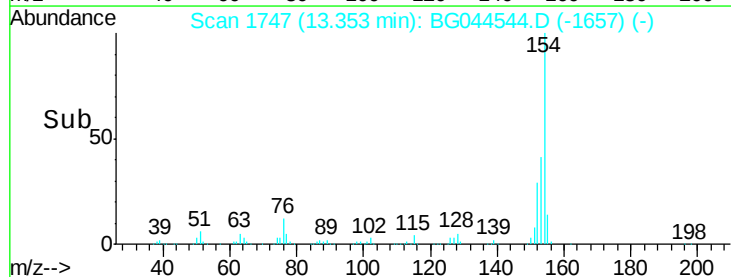
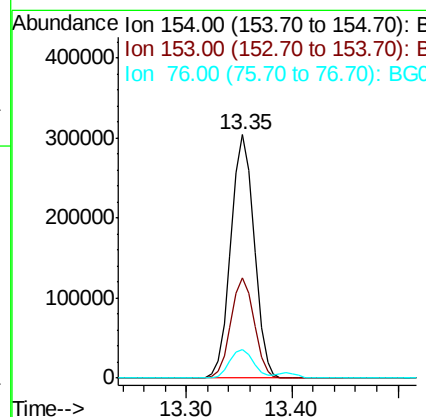
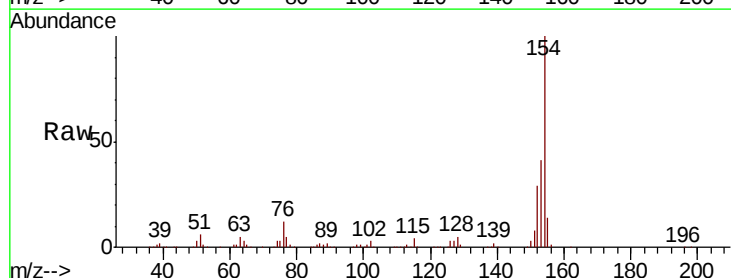
Instrument :
 BNA_G
 ClientSampleId :

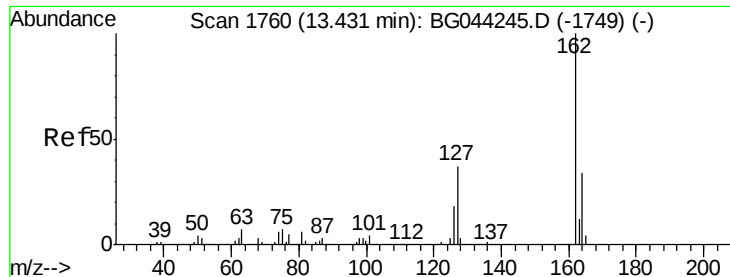
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.3	48.5
170	25.2	21.6	32.4



#46
 1,1'-Biphenyl
 Concen: 41.129 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.3	62.3
76	11.9	0.0	32.7





#47

2-Chloronaphthalene

Concen: 40.255 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG044544.D

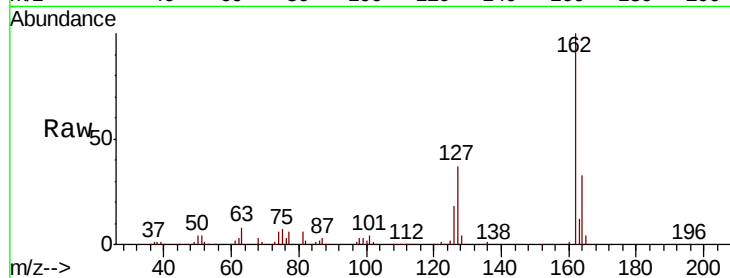
Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampled :

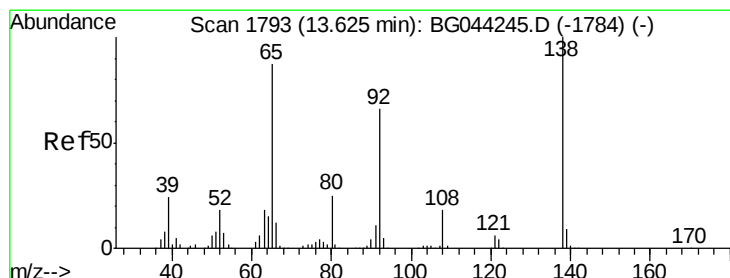
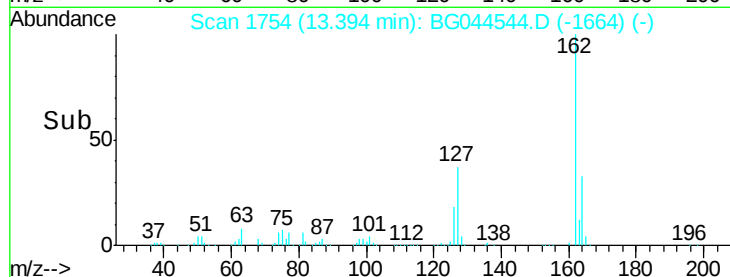
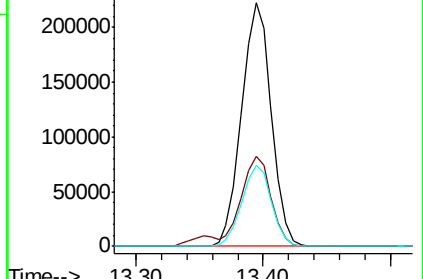
Tot Ion:	162	Resp:	361231
Ion	Ratio	Lower	Upper
162	100		
127	36.9	31.0	46.6
164	33.1	27.4	41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.705 ng

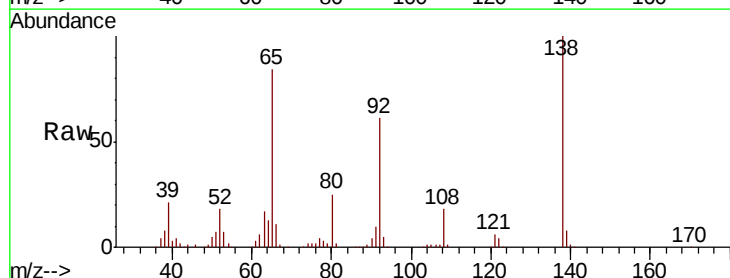
RT: 13.59 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

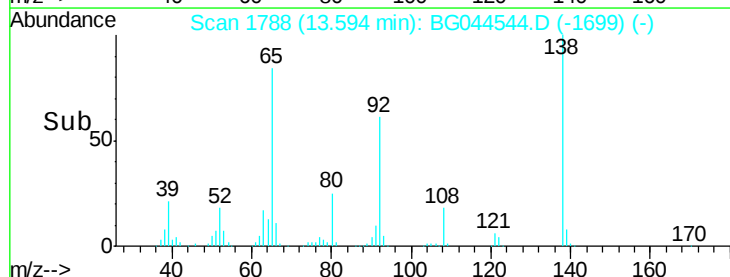
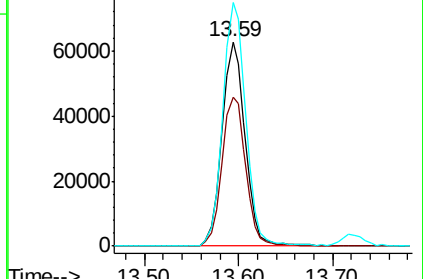
Tgt Ion:	65	Resp:	107798
Ion	Ratio	Lower	Upper
65	100		
92	73.0	61.2	91.8
138	119.4	95.2	142.8

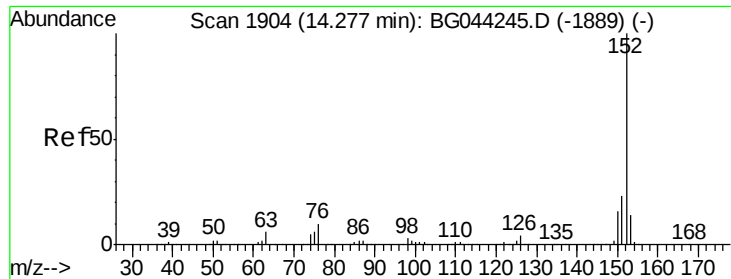


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.280 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

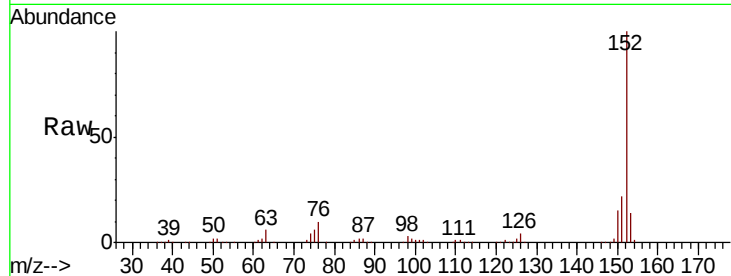
Tot Ion:152 Resp: 582812

Ion Ratio Lower Upper

152 100

151 21.9 18.2 27.2

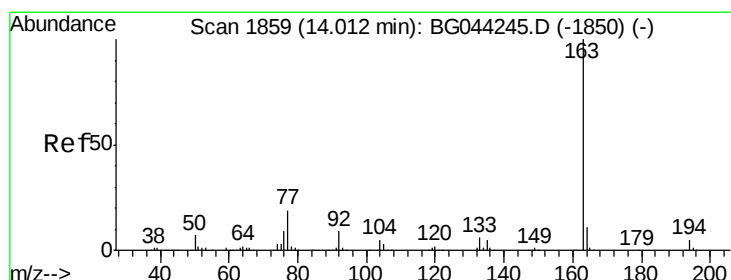
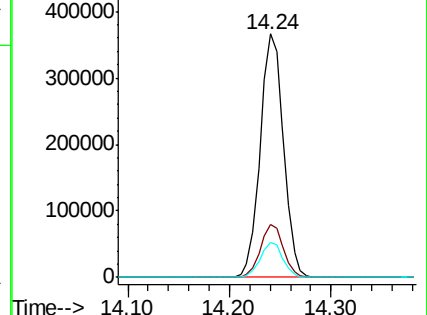
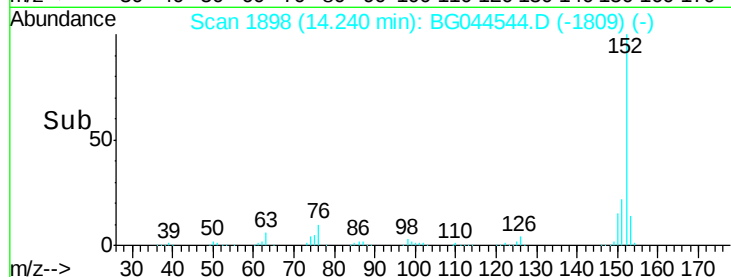
153 14.3 11.6 17.4



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: 42.837 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

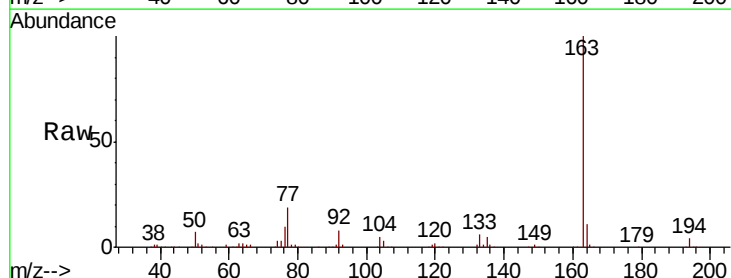
Tgt Ion:163 Resp: 481414

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

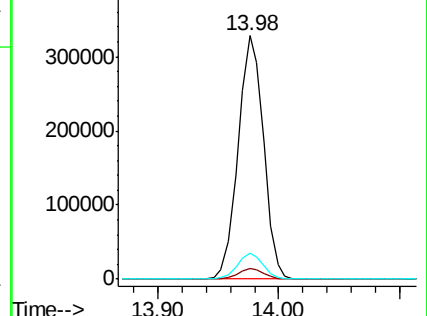
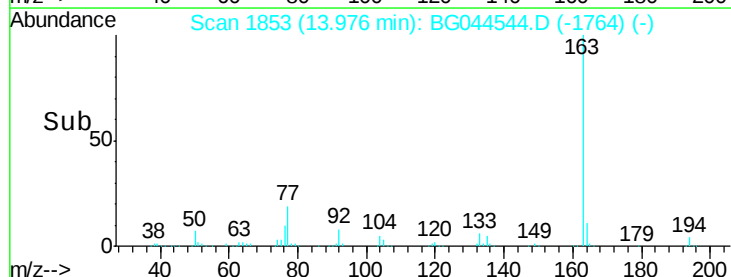
164 10.6 8.9 13.3

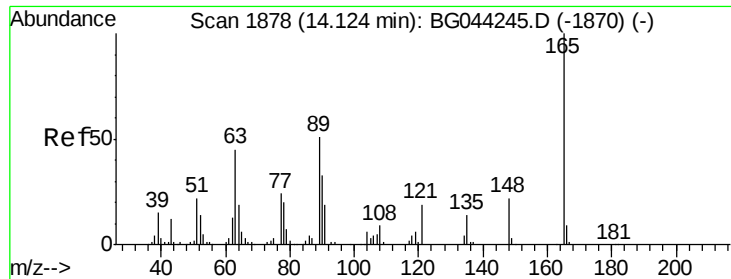


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

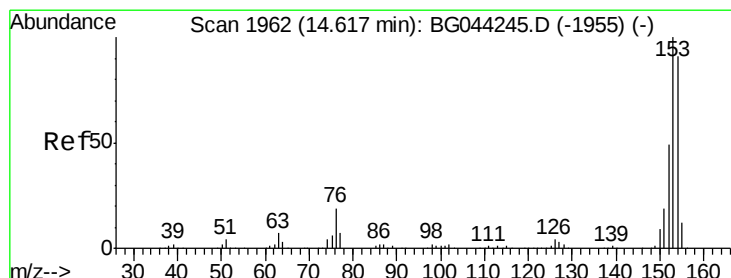
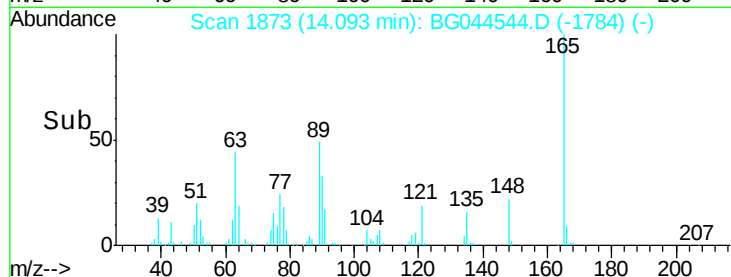
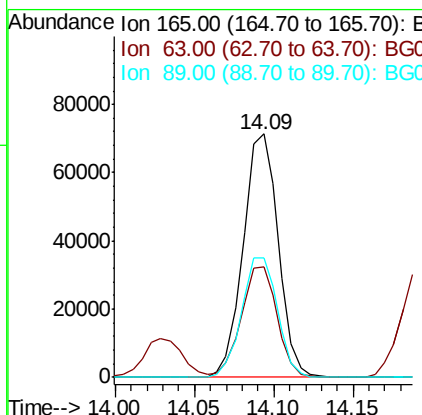
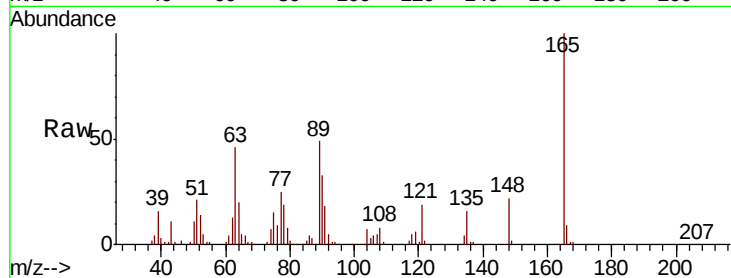




#51
 2,6-Dinitrotoluene
 Concen: 43.693 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

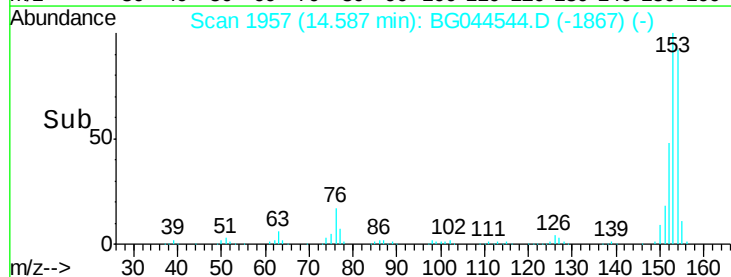
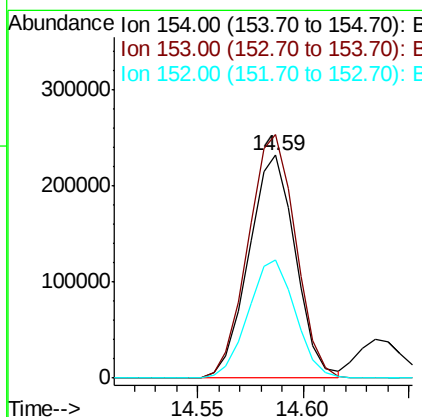
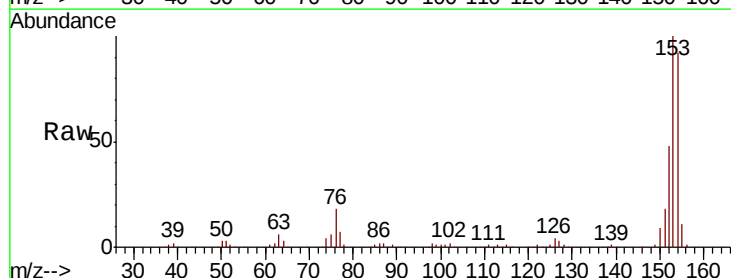
Instrument :
 BNA_G
 ClientSampleId :

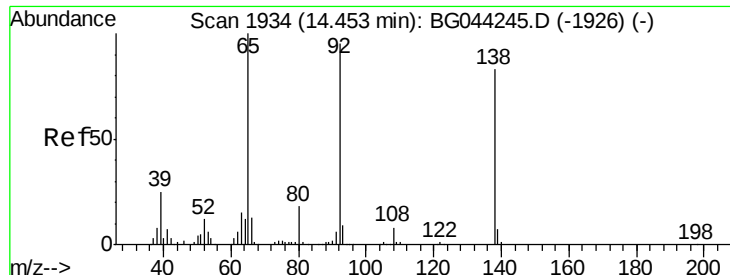
Tot Ion	165	Resp	109482
Ion	Ratio	Lower	Upper
165	100		
63	45.6	35.0	52.6
89	48.8	39.5	59.3



#52
 Acenaphthene
 Concen: 41.811 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Tgt Ion	154	Resp	356700
Ion	Ratio	Lower	Upper
154	100		
153	109.1	88.6	133.0
152	52.9	43.6	65.4





#53

3-Nitroaniline

Concen: 28.691 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

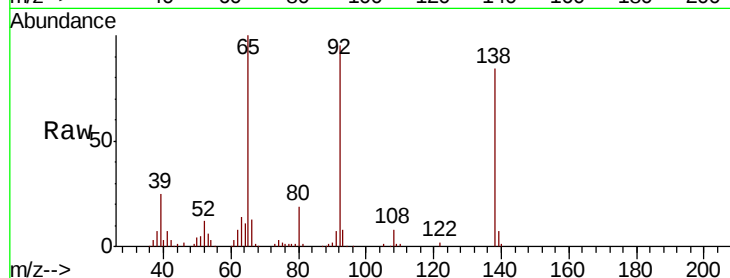
Tot Ion:138 Resp: 79539

Ion Ratio Lower Upper

138 100

108 10.0 8.2 12.4

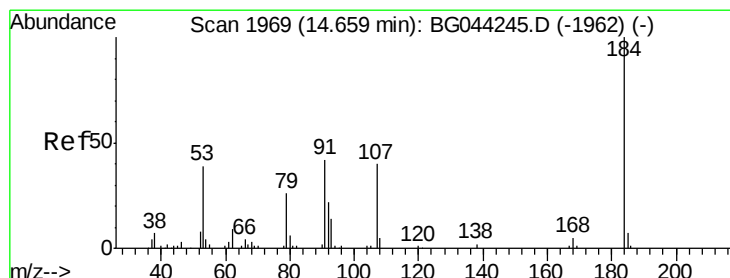
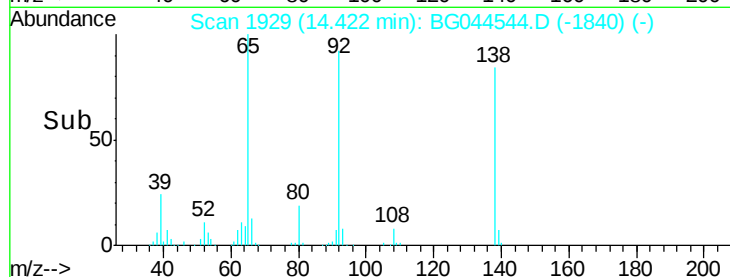
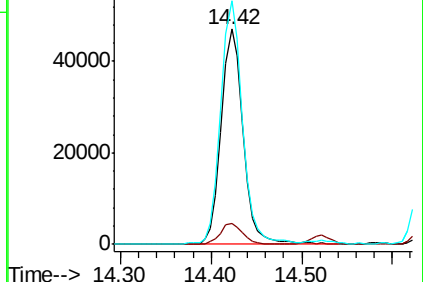
92 113.3 89.7 134.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 84.473 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

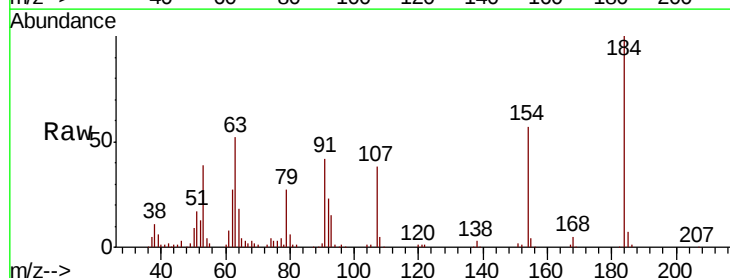
Tgt Ion:184 Resp: 126122

Ion Ratio Lower Upper

184 100

63 51.9 43.8 65.8

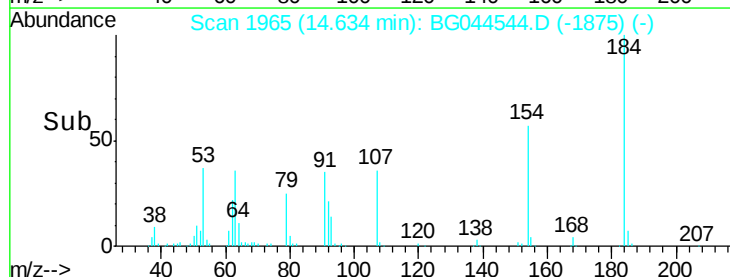
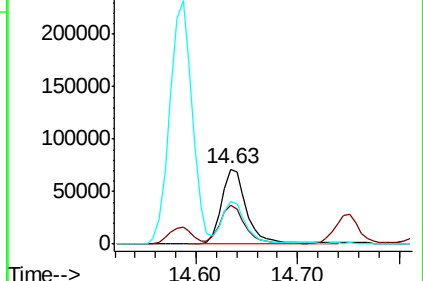
154 57.0 46.6 70.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

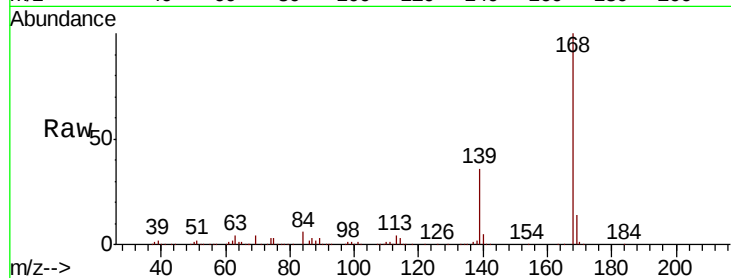




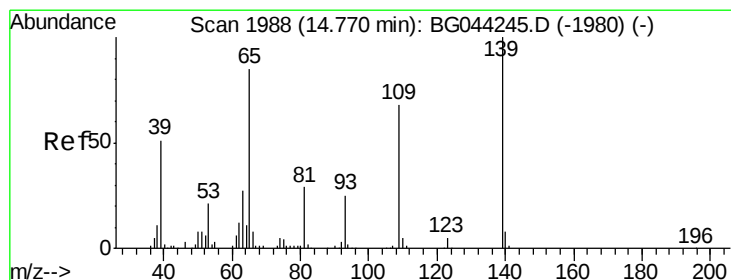
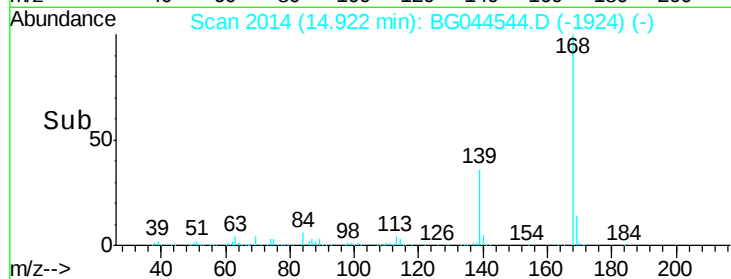
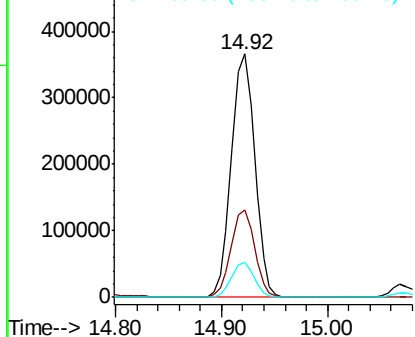
#55
Dibenzofuran
Concen: 43.561 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.8	46.2
169	14.2	12.2	18.4

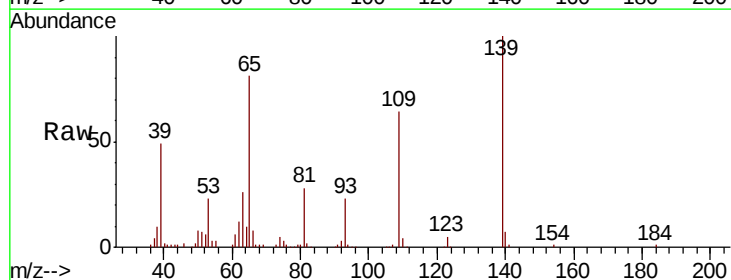


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

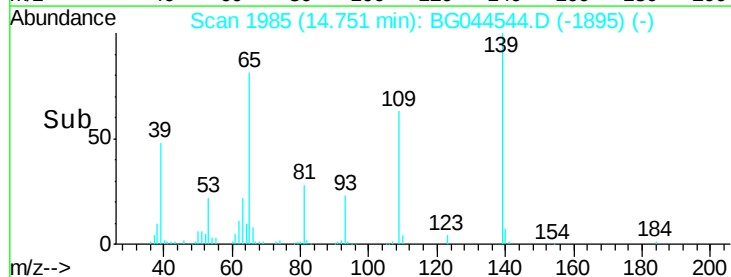
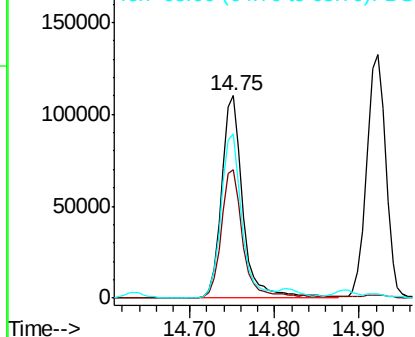


#56
4-Nitrophenol
Concen: 94.942 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.6	44.0	84.0
65	81.1	62.3	102.3



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

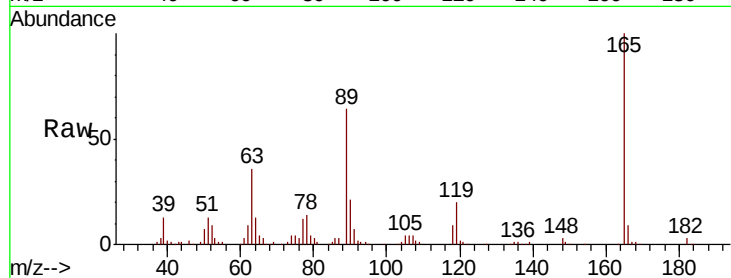




#57
2,4-Dinitrotoluene
Concen: 43.838 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.7	28.6	42.8
89	63.6	50.7	76.1
182	2.9	2.1	3.1



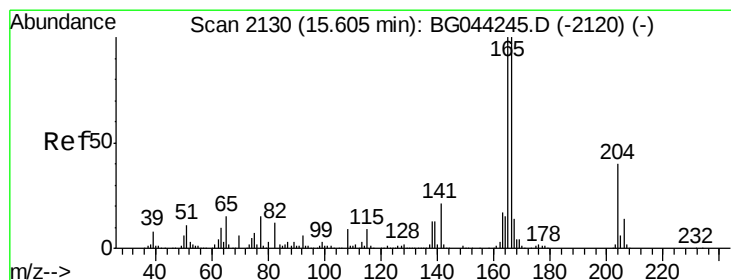
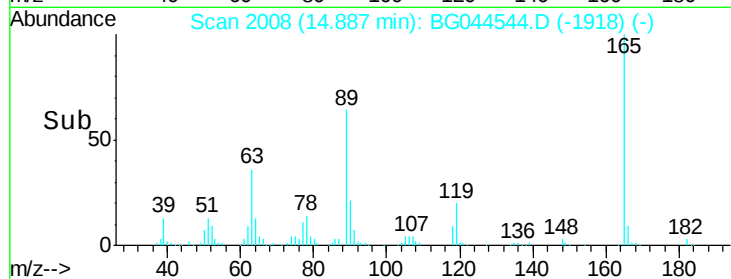
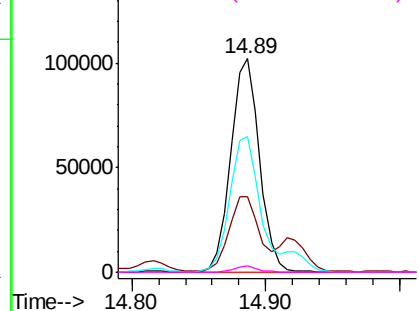
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

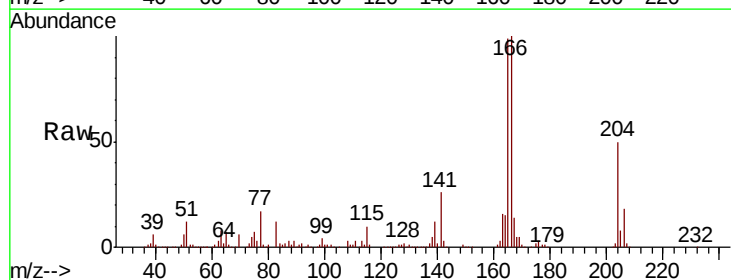
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.671 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.3	118.9
167	14.2	11.4	17.2

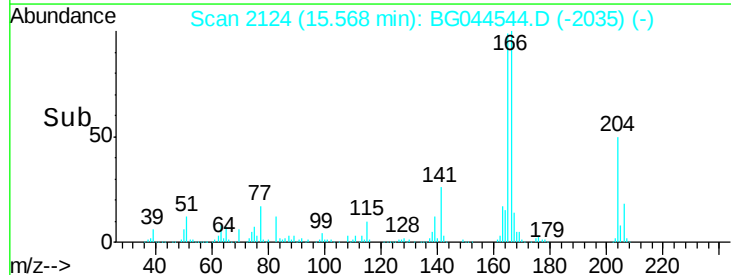
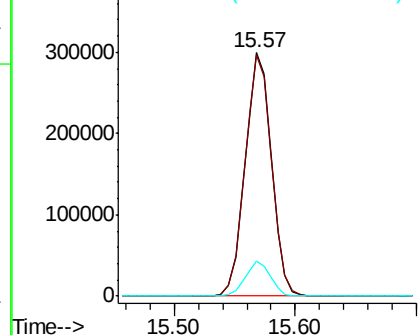


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

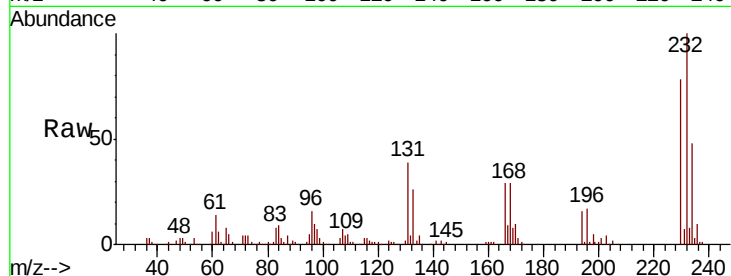




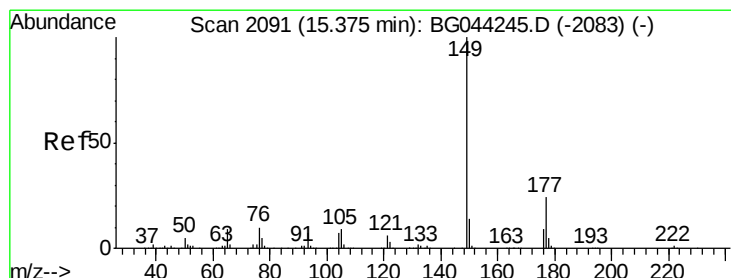
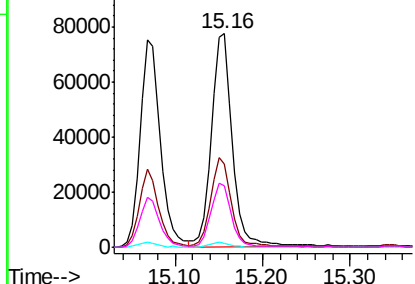
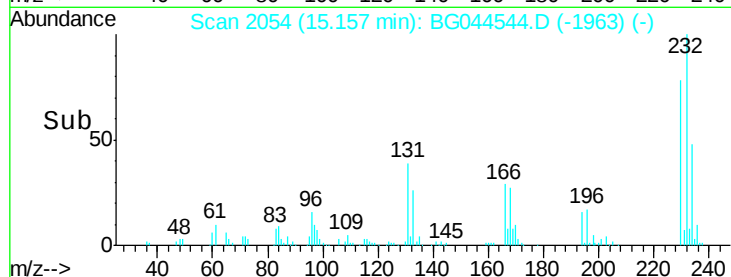
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.061 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. 0.01 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	128459
Ion	Ratio	Lower	Upper
232	100		
131	40.2	31.8	47.8
130	2.1	1.8	2.8
166	30.0	23.2	34.8

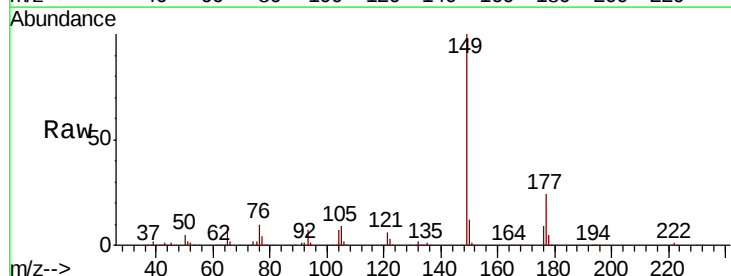


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

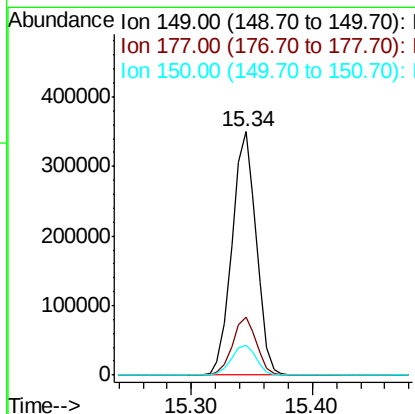
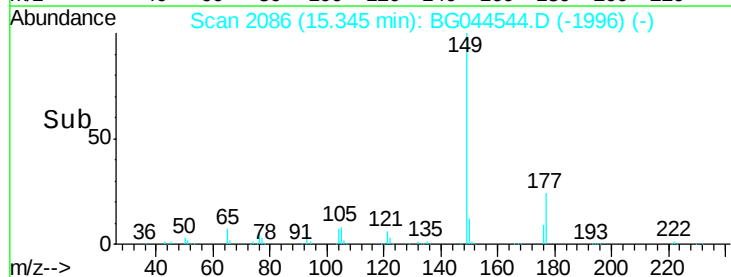


#60
 Diethylphthalate
 Concen: 43.479 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Tgt Ion:	149	Resp:	486876
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.3	28.9
150	12.5	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

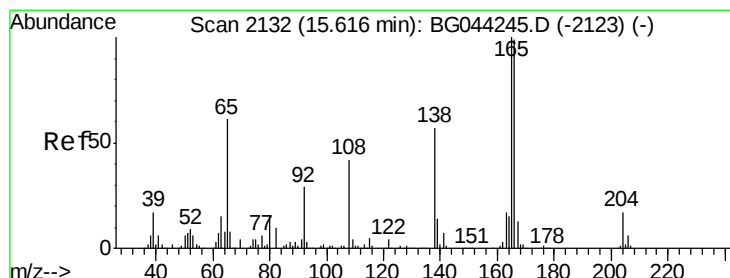
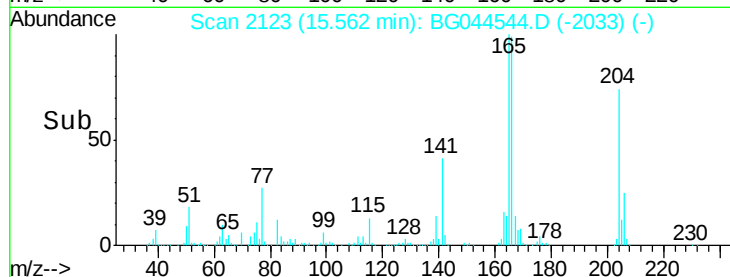
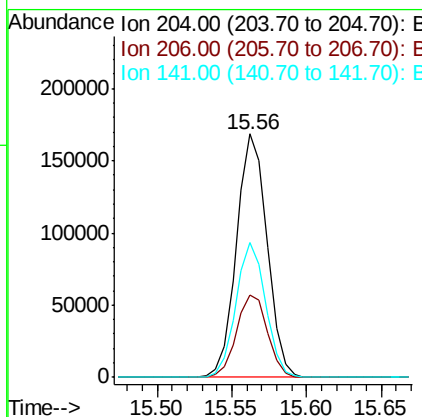
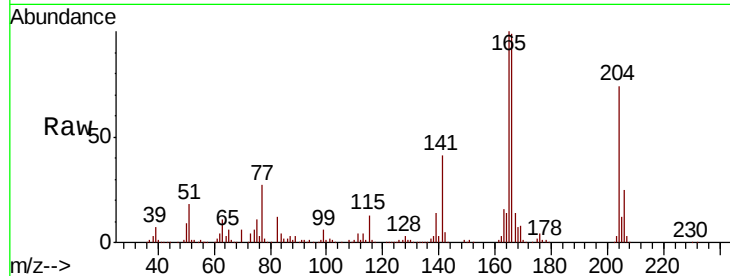




#61
4-Chlorophenyl-phenylether
Concen: 43.363 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

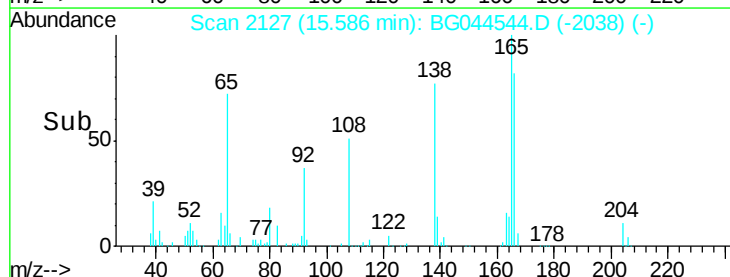
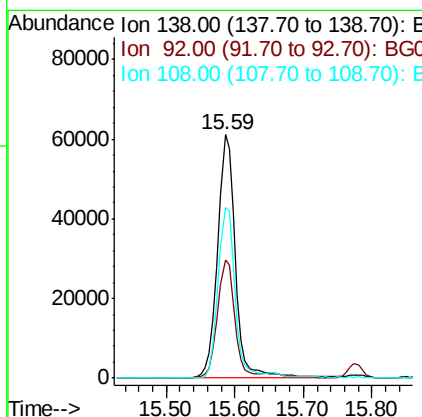
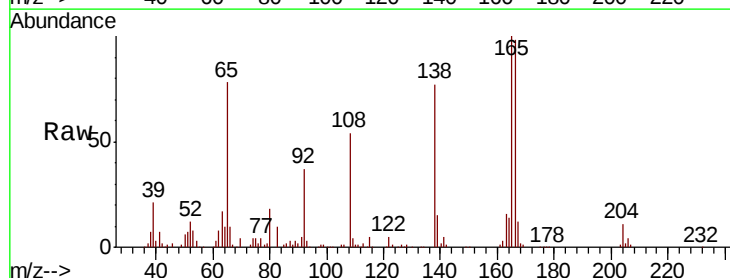
Instrument :
BNA_G
ClientSampled :

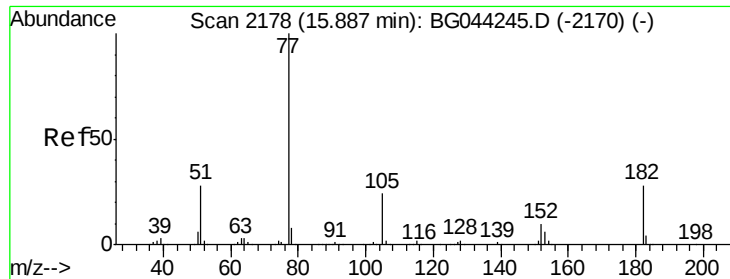
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	28.6	42.8
141	55.4	43.9	65.9



#62
4-Nitroaniline
Concen: 39.879 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	30.7	70.7
108	70.0	51.9	91.9

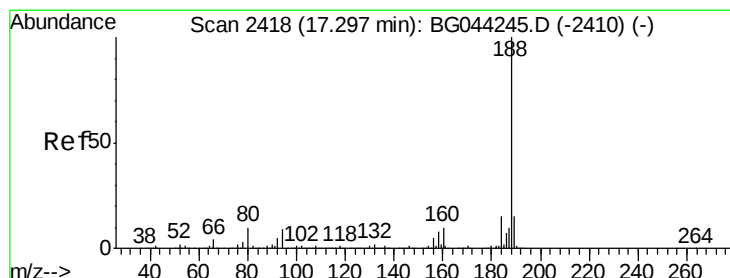
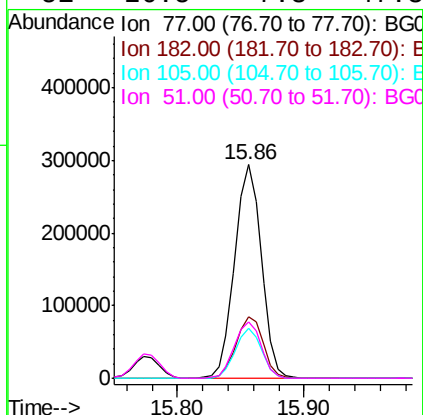
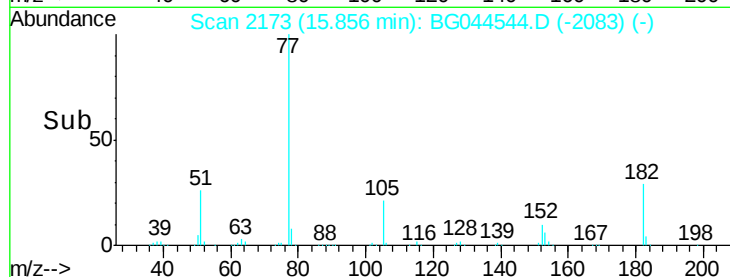
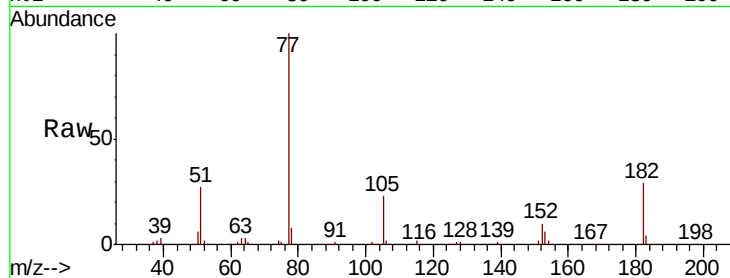




#63
Azobenzene
Concen: 43.404 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

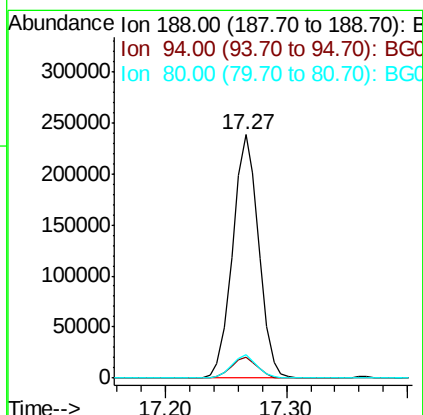
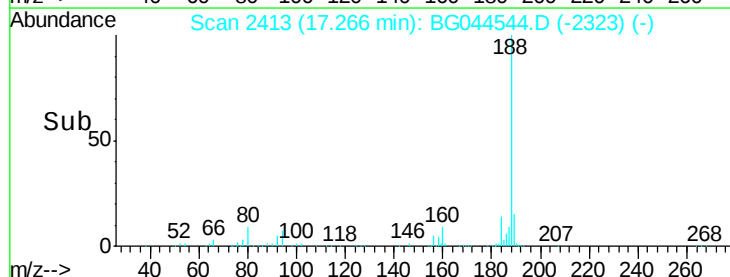
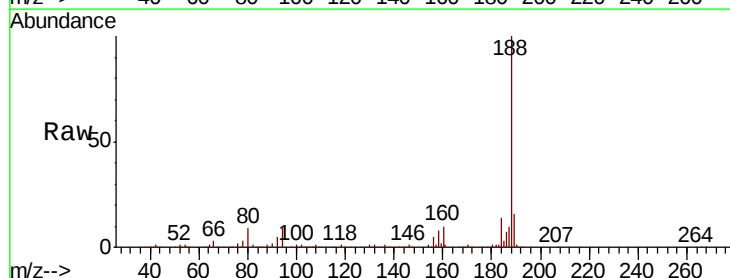
Instrument :
BNA_G
ClientSampleId :

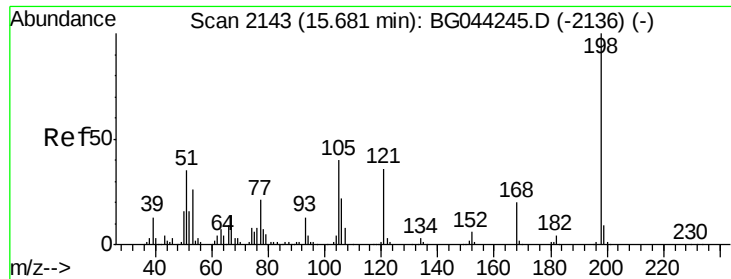
Tot Ion:	77	Resp:	425974
Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.8	48.8
105	23.1	4.0	44.0
51	26.5	7.3	47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion:	188	Resp:	357712
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.0
80	9.4	7.8	11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 48.229 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

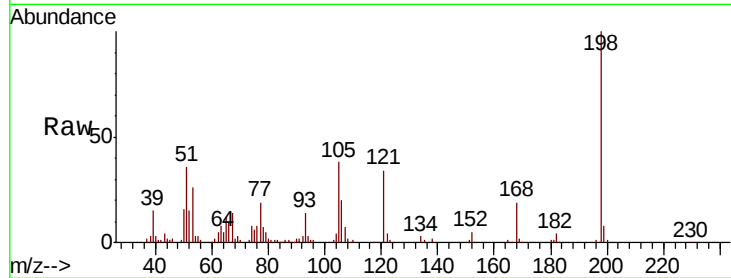
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 95231

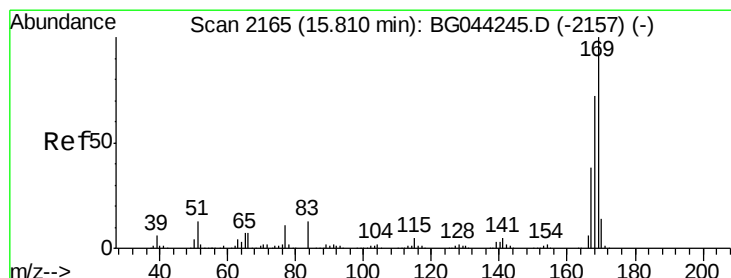
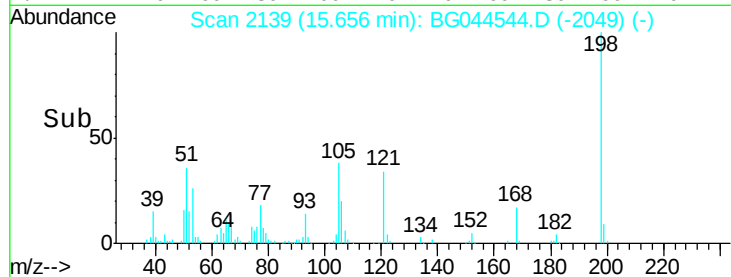
Ion	Ratio	Lower	Upper
198	100		
51	35.8	17.9	57.9
105	37.6	19.8	59.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.508 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

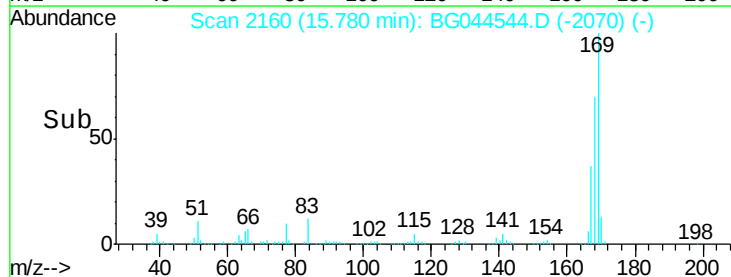
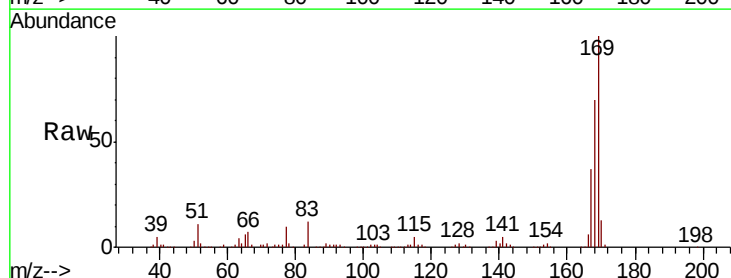
Tgt Ion:169 Resp: 426133

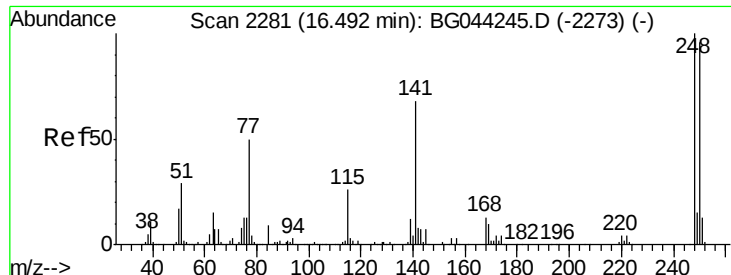
Ion	Ratio	Lower	Upper
169	100		
168	70.1	56.8	85.2
167	37.3	29.6	44.4

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

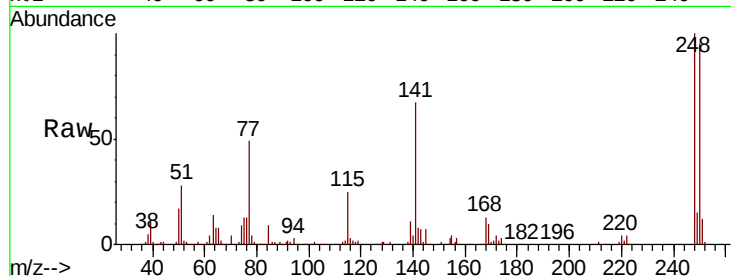




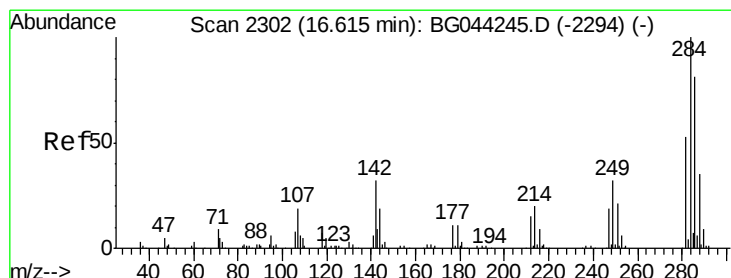
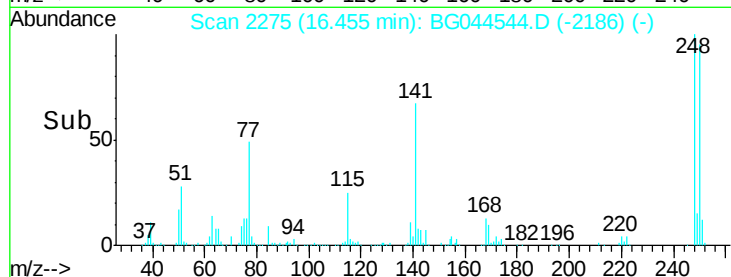
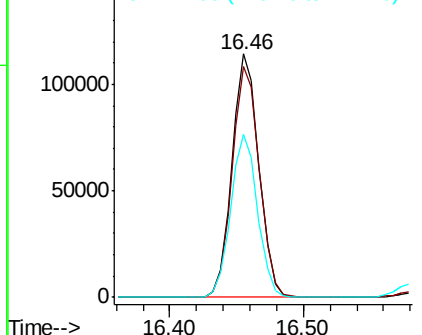
#67
 4-Bromophenyl-phenylether
 Concen: 41.000 ng
 RT: 16.46 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 159785
 Ion Ratio Lower Upper
 248 100
 250 95.1 76.8 115.2
 141 67.1 50.0 75.0

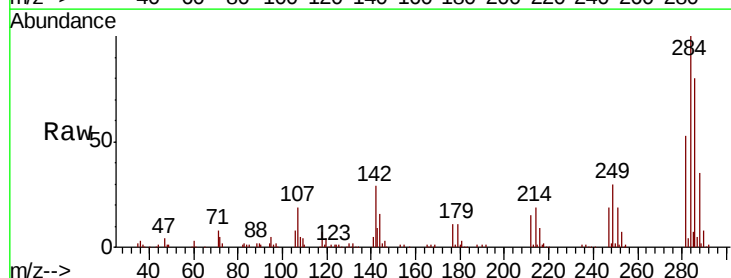


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

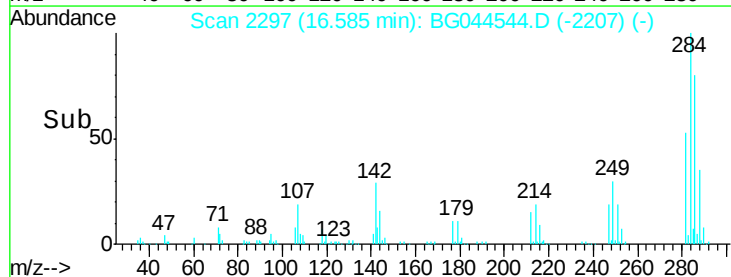
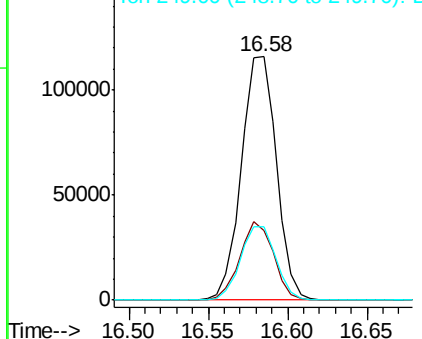


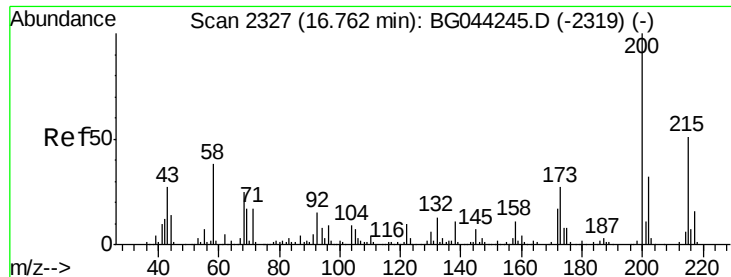
#68
 Hexachlorobenzene
 Concen: 40.704 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Tgt Ion:284 Resp: 177720
 Ion Ratio Lower Upper
 284 100
 142 28.7 24.6 36.8
 249 30.3 24.9 37.3



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





#69

Atrazine

Concen: 48.607 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

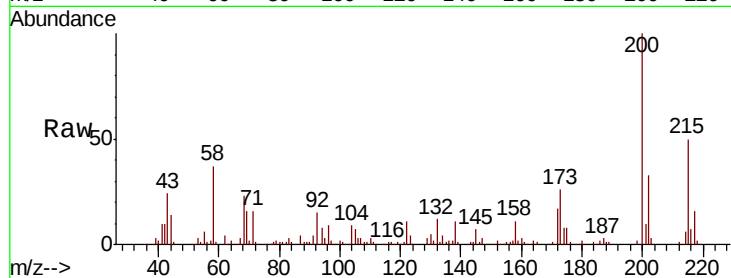
Tot Ion:200 Resp: 167011

Ion Ratio Lower Upper

200 100

173 25.6 5.6 45.6

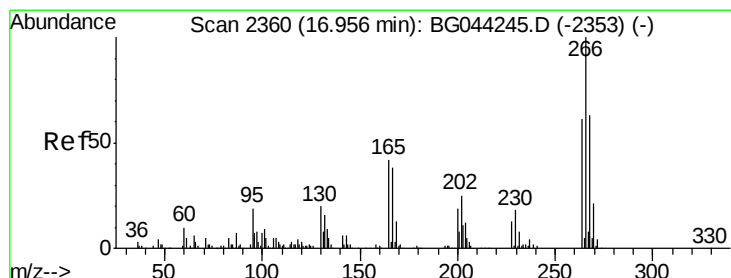
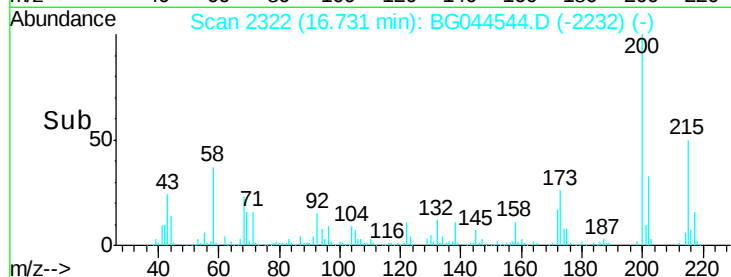
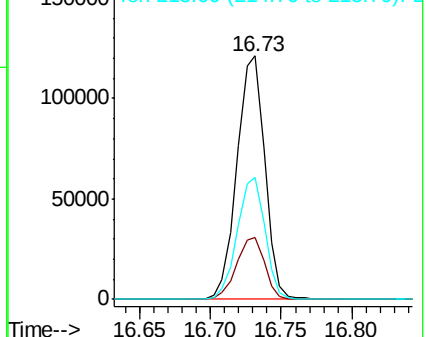
215 50.3 30.3 70.3



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: 82.064 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

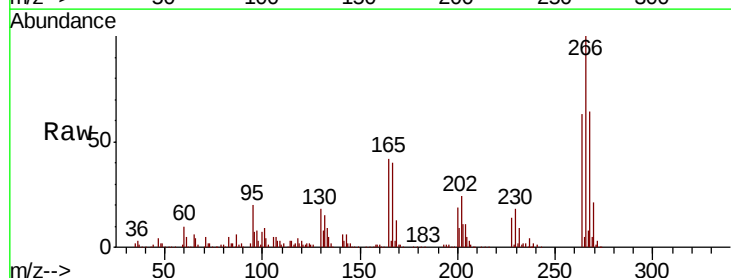
Tgt Ion:266 Resp: 181377

Ion Ratio Lower Upper

266 100

268 63.9 51.6 77.4

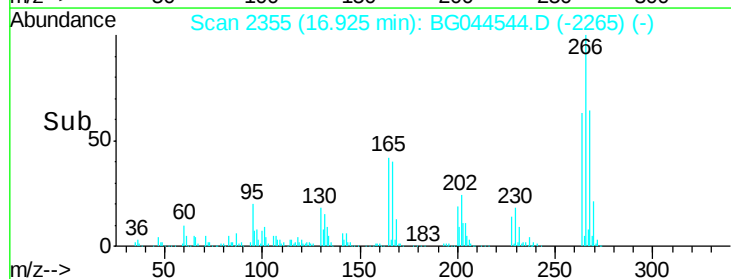
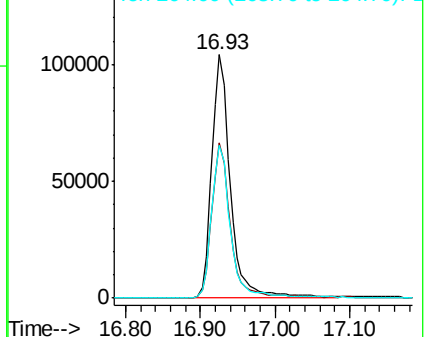
264 62.9 49.8 74.8

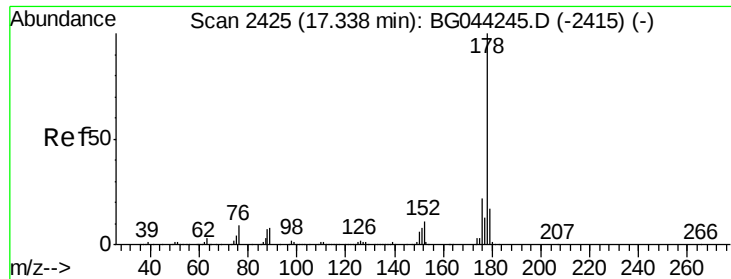


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

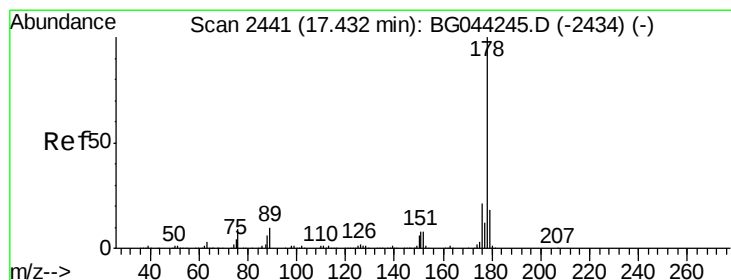
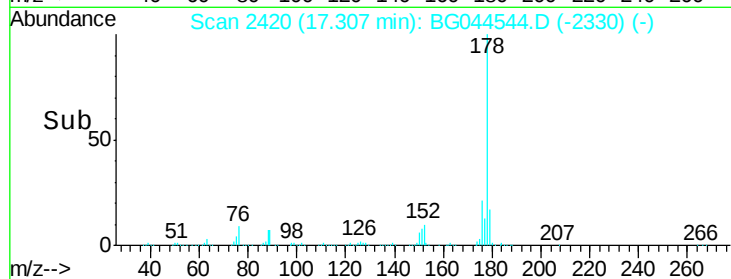
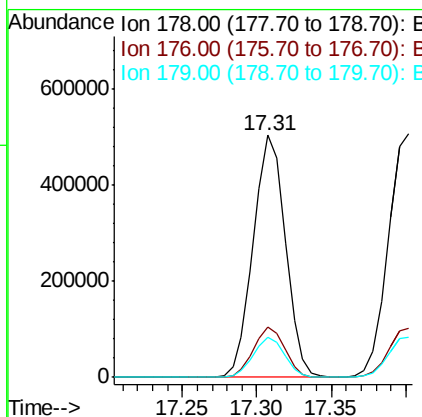
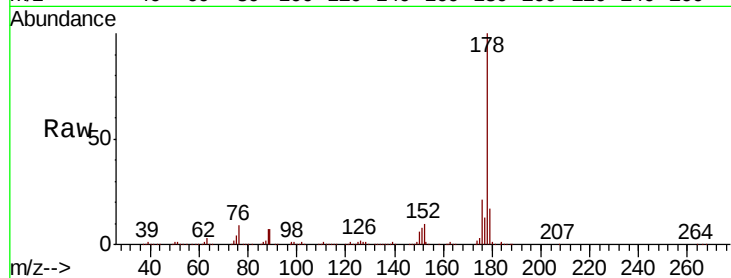




#71
 Phenanthrene
 Concen: 43.397 ng
 RT: 17.31 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

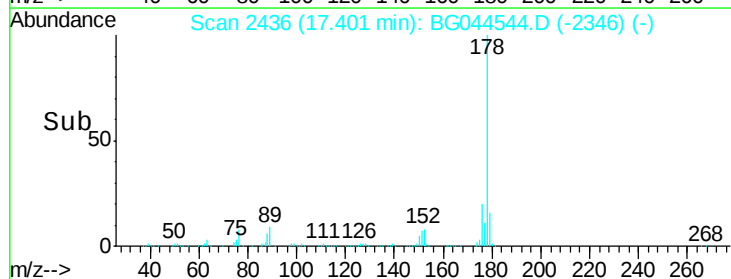
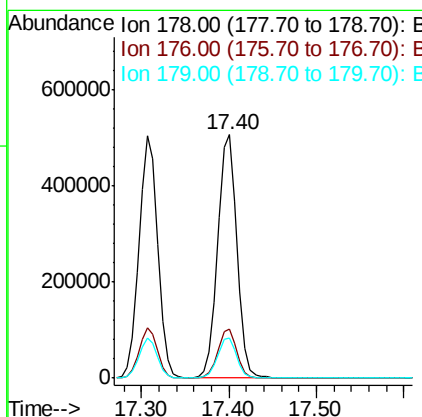
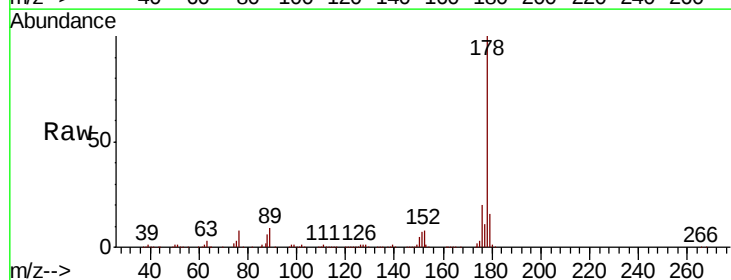
Instrument :
 BNA_G
 ClientSampleId :

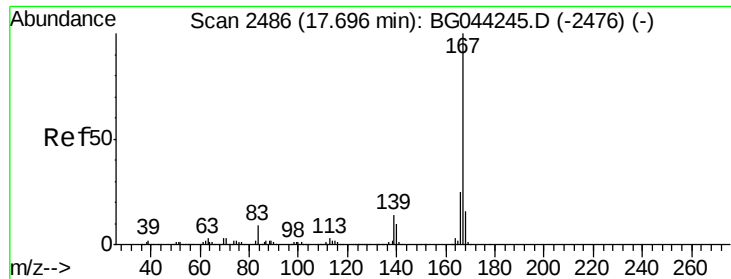
Tot Ion:178 Resp: 751701
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.4 26.0
 179 16.8 13.8 20.6



#72
 Anthracene
 Concen: 45.264 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Tgt Ion:178 Resp: 775160
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.1 25.7
 179 16.3 13.9 20.9

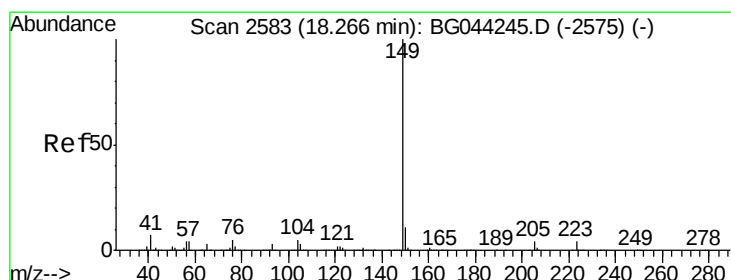
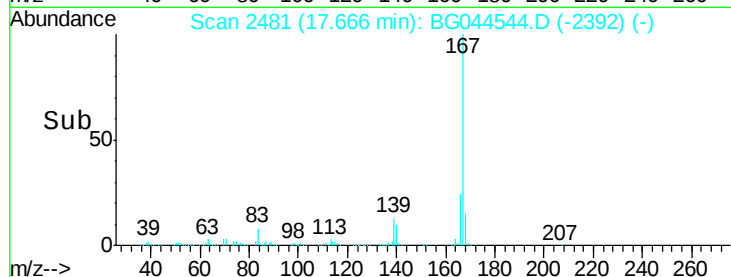
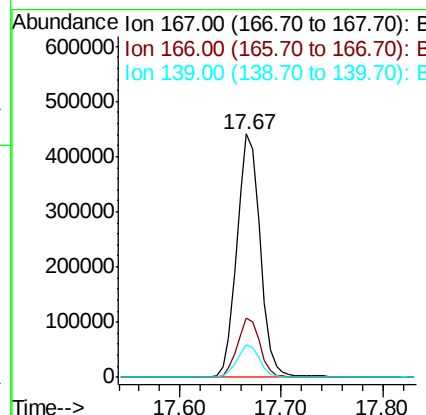
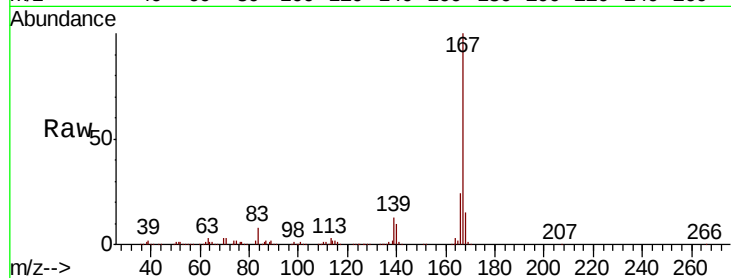




#73
 Carbazole
 Concen: 44.834 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

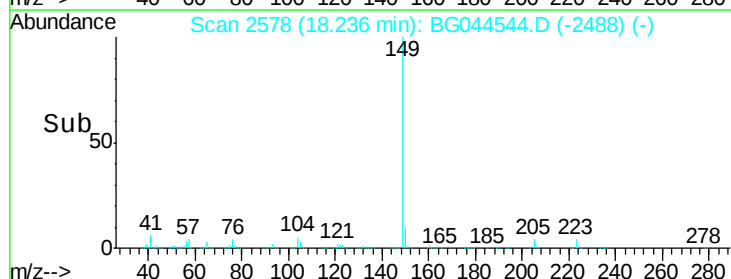
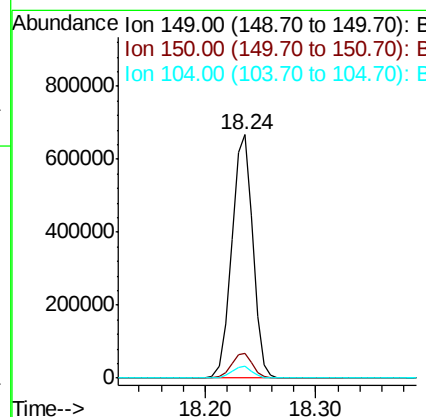
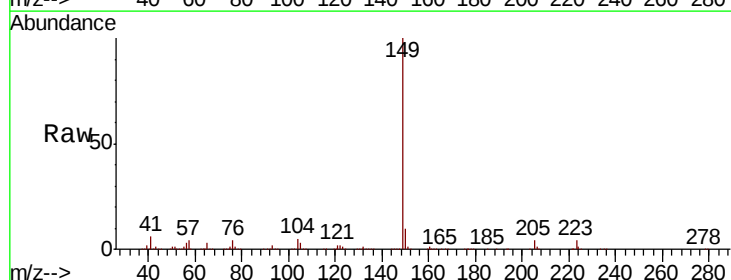
Instrument :
 BNA_G
 ClientSampled :

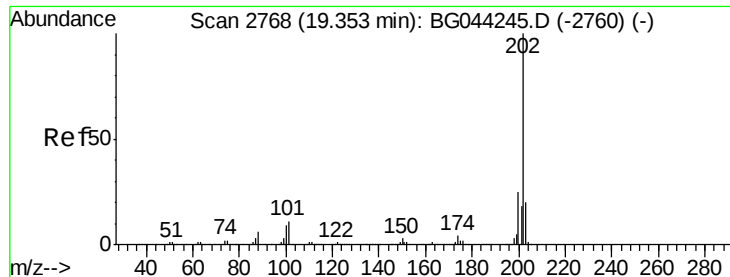
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.5	29.3
139	13.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 45.550 ng
 RT: 18.24 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	9.0	13.4
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 47.108 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

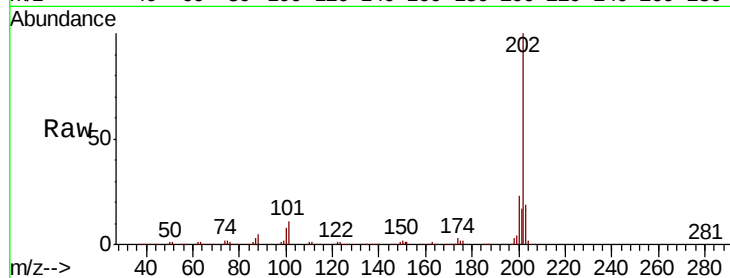
Tot Ion:202 Resp: 943953

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

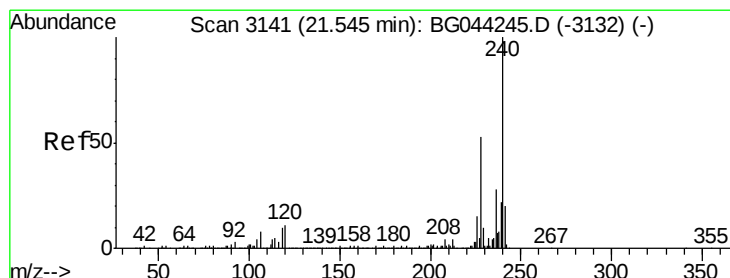
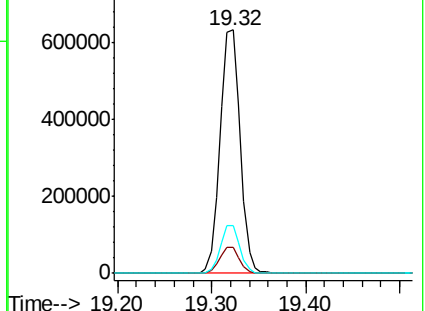
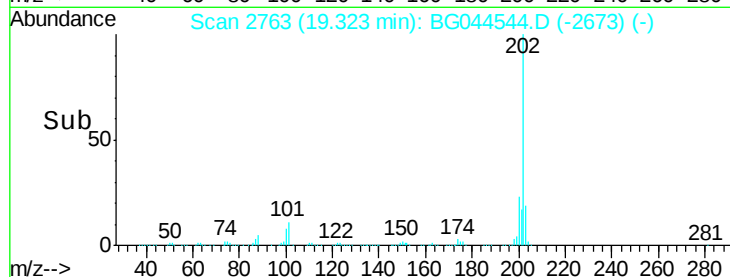
203 19.4 0.3 40.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

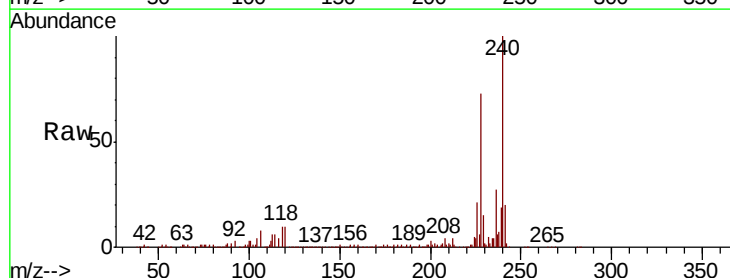
Tgt Ion:240 Resp: 343320

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

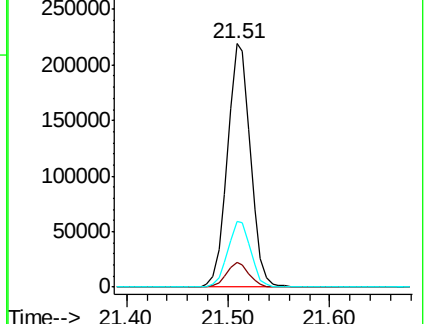
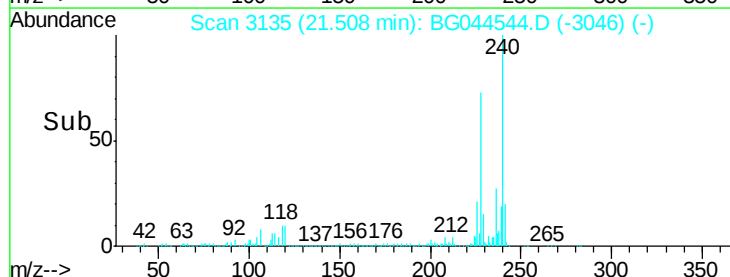
236 26.8 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.525 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

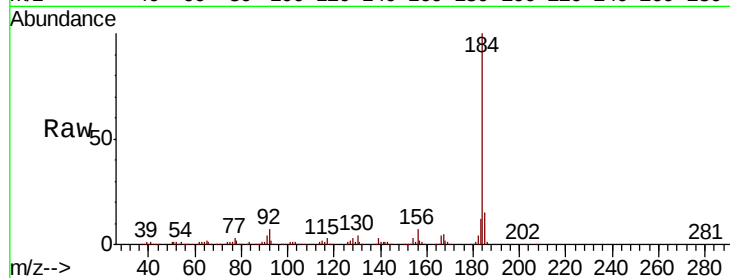
Tot Ion:184 Resp: 385910

Ion Ratio Lower Upper

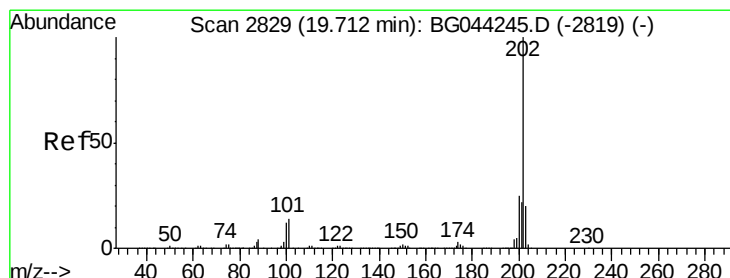
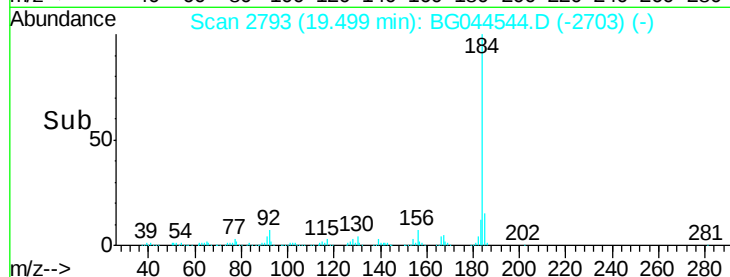
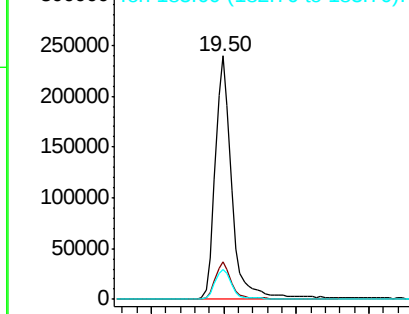
184 100

185 15.2 13.0 19.4

183 12.3 11.0 16.4



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: 43.294 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

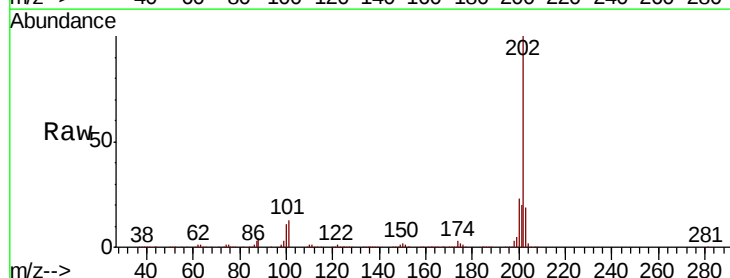
Tgt Ion:202 Resp: 954550

Ion Ratio Lower Upper

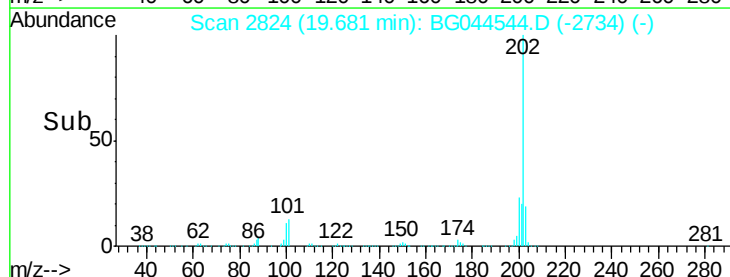
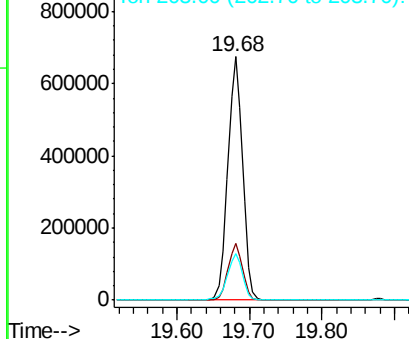
202 100

200 23.1 19.7 29.5

203 19.1 16.8 25.2



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: 73.171 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampled :

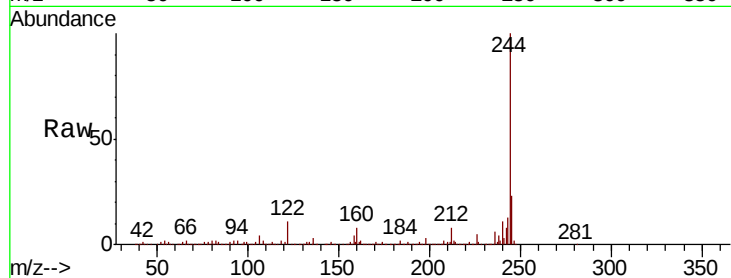
Tot Ion:244 Resp: 1221317

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

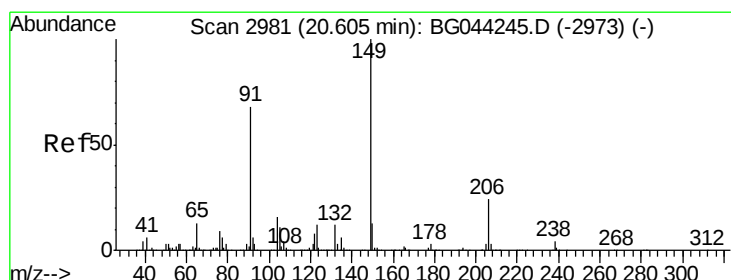
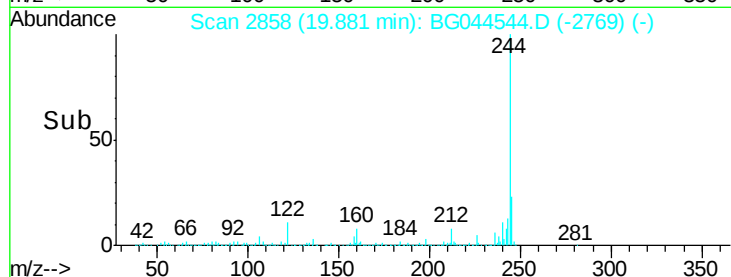
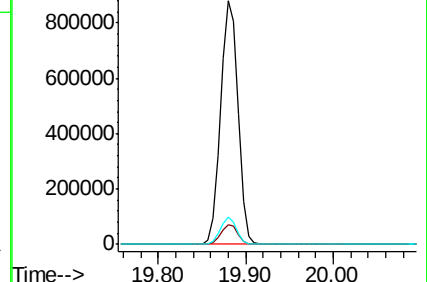
122 11.1 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.173 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

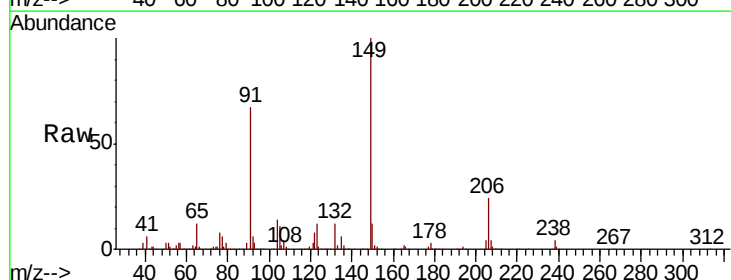
Tgt Ion:149 Resp: 413684

Ion Ratio Lower Upper

149 100

91 66.7 55.0 82.4

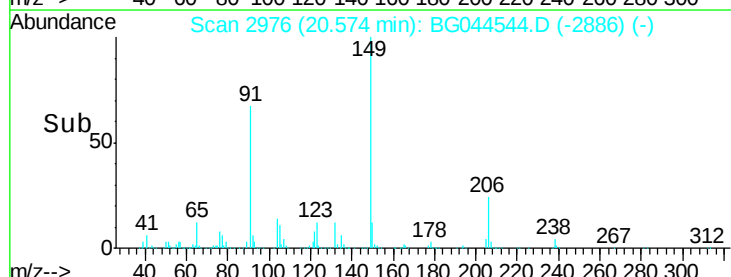
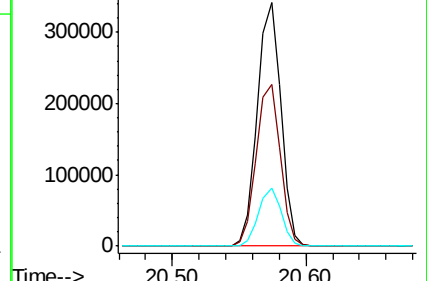
206 24.0 20.1 30.1

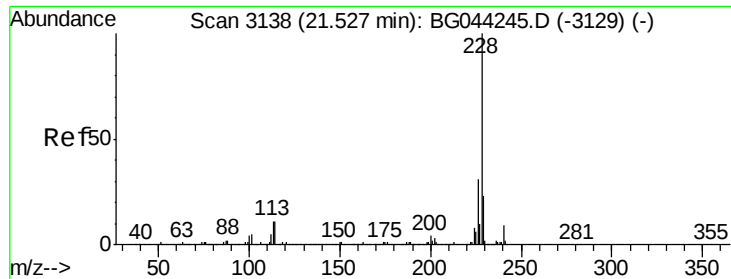


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

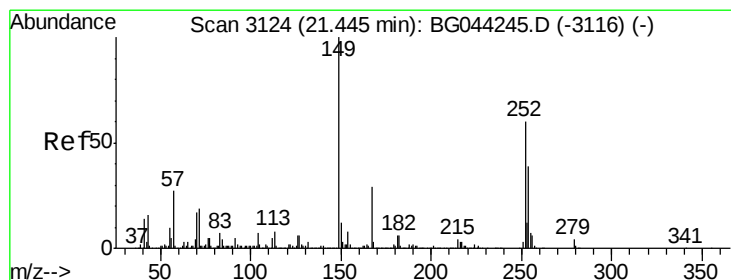
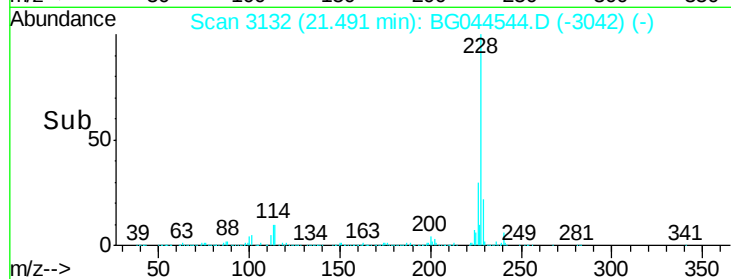
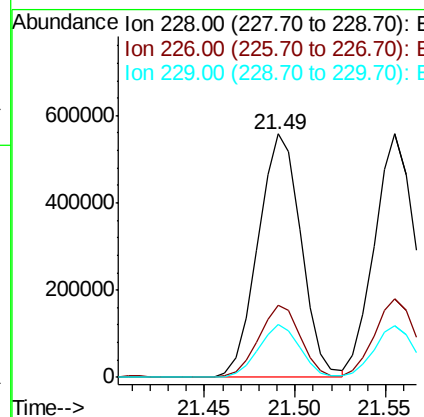
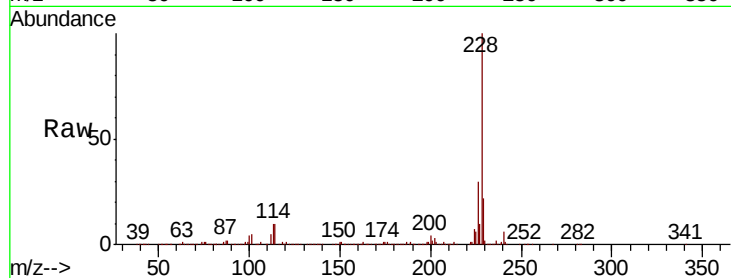




#81
Benzo(a)anthracene
Concen: 43.540 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

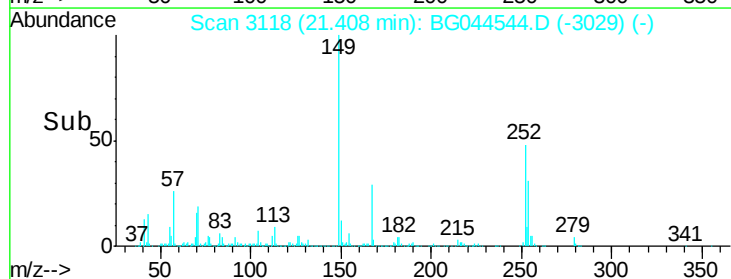
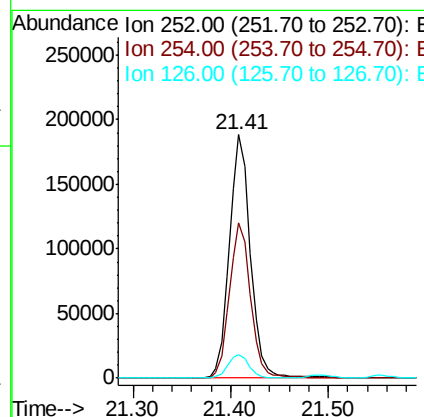
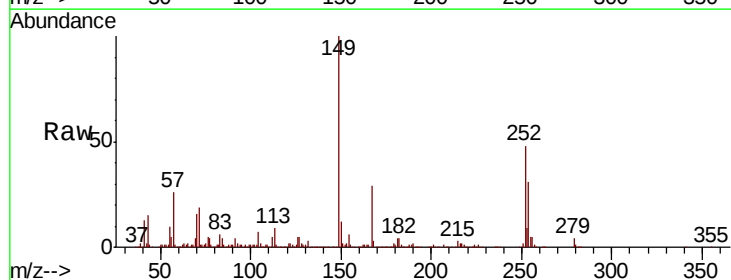
Instrument :
BNA_G
ClientSampleId :

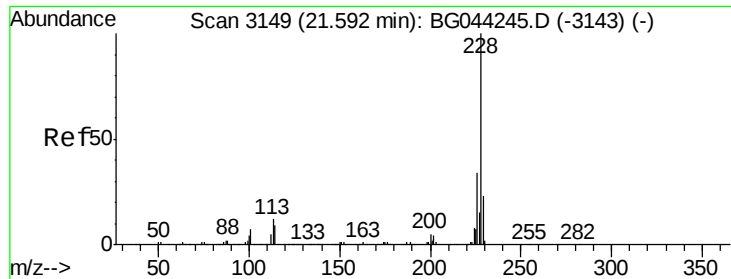
Tot Ion:228 Resp: 921277
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 21.6 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 34.307 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion:252 Resp: 281732
Ion Ratio Lower Upper
252 100
254 64.0 54.2 81.4
126 9.8 7.9 11.9

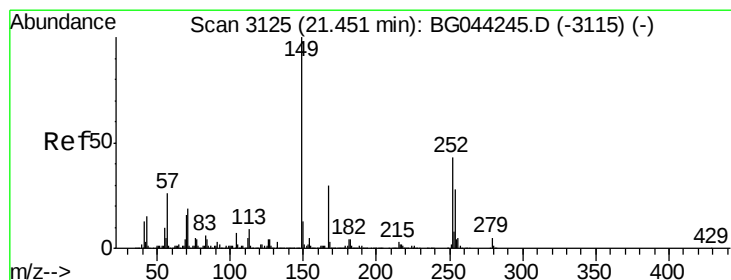
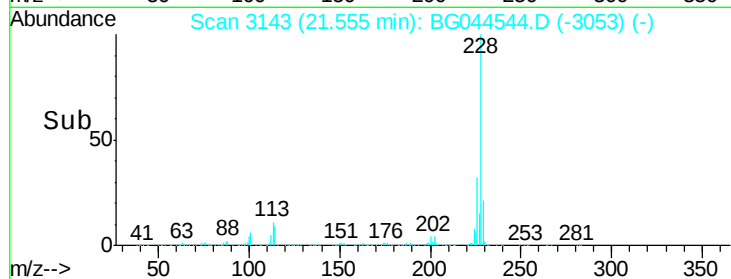
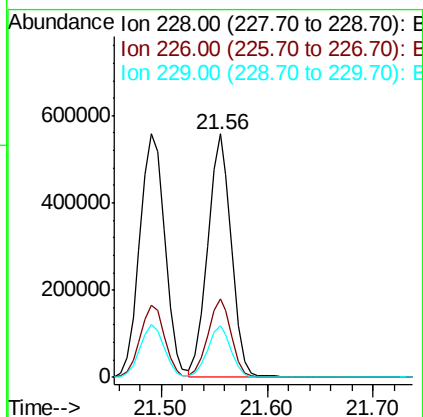
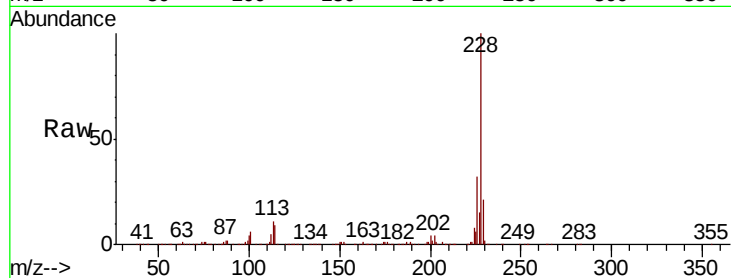




#83
 Chrysene
 Concen: 42.447 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

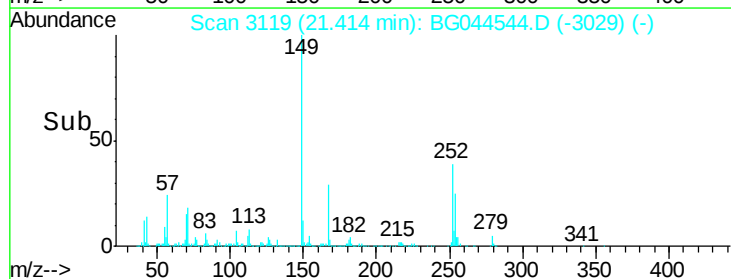
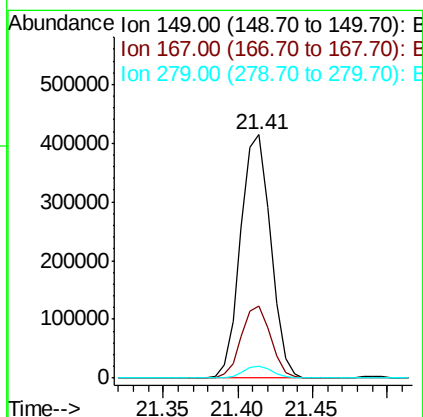
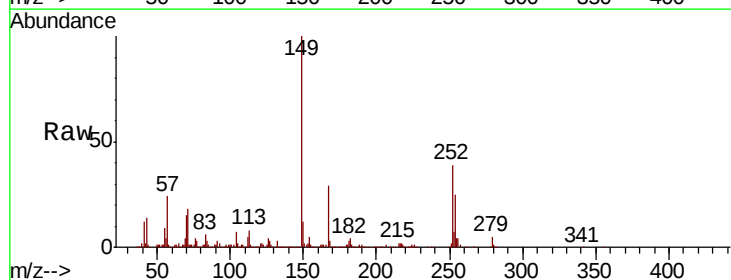
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 868145
 Ion Ratio Lower Upper
 228 100
 226 32.4 27.7 41.5
 229 21.4 18.2 27.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.857 ng
 RT: 21.41 min Scan# 3119
 Delta R.T. -0.00 min
 Lab File: BG044544.D
 Acq: 21 Feb 2020 11:40

Tgt Ion:149 Resp: 578868
 Ion Ratio Lower Upper
 149 100
 167 29.4 24.7 37.1
 279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 43.288 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

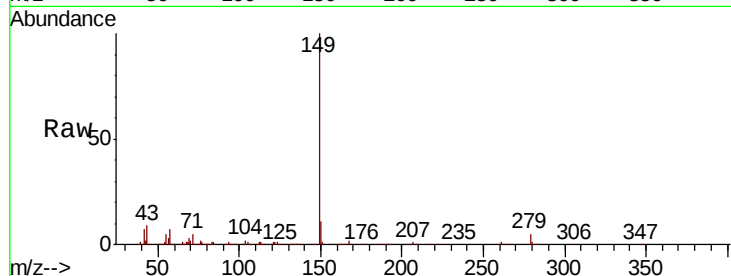
Tot Ion:149 Resp: 1035814

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

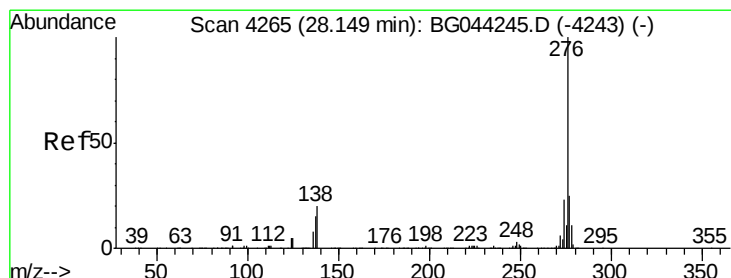
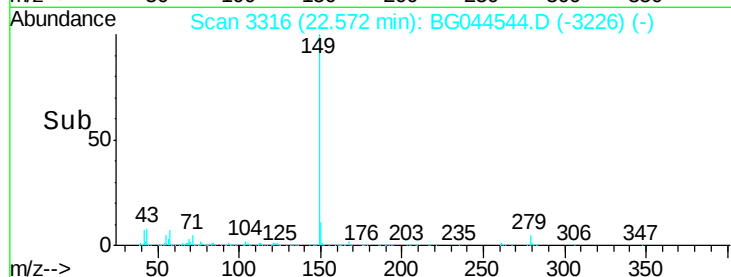
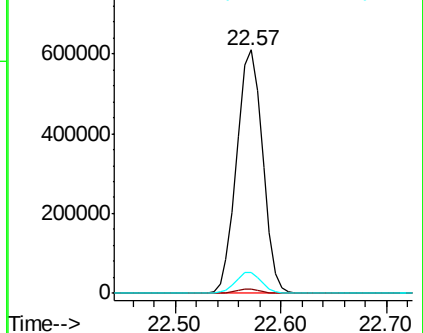
43 8.5 7.6 11.4



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.560 ng

RT: 28.06 min Scan# 4250

Delta R.T. -0.01 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

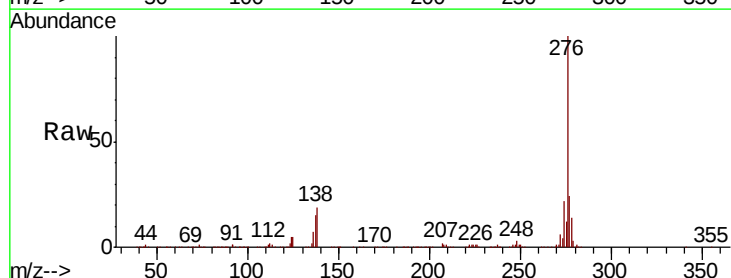
Tgt Ion:276 Resp: 1108957

Ion Ratio Lower Upper

276 100

138 23.2 18.7 28.1

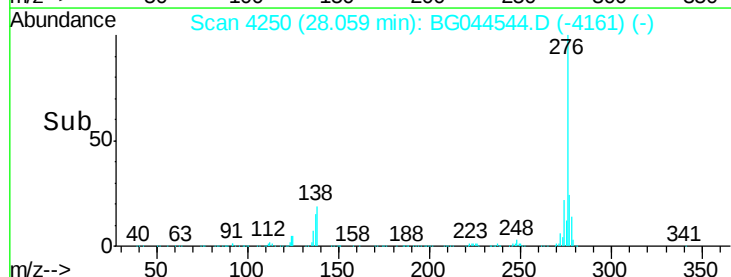
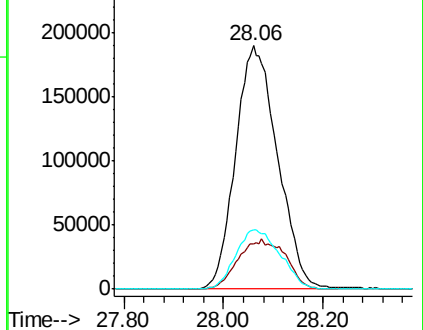
277 25.8 21.0 31.6

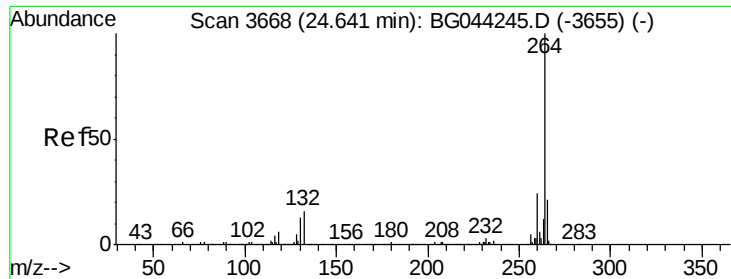


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.58 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

Instrument :

BNA_G

ClientSampleId :

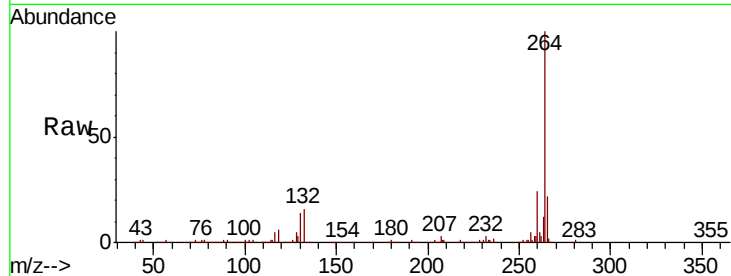
Tot Ion:264 Resp: 360351

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

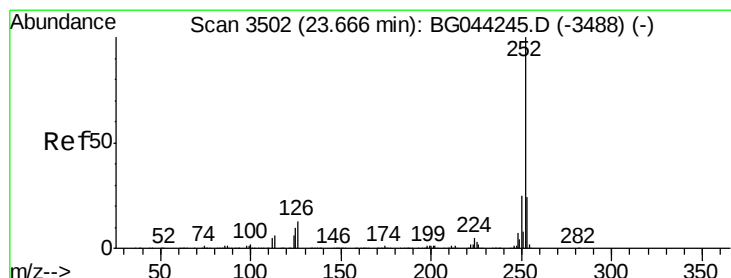
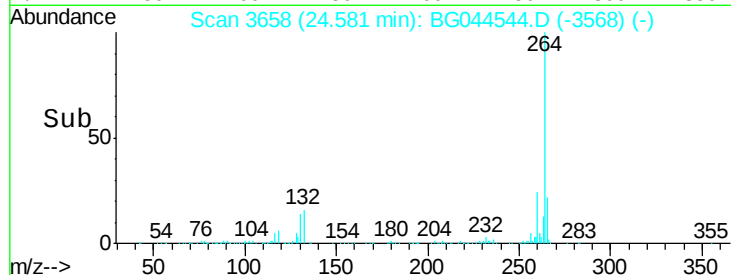
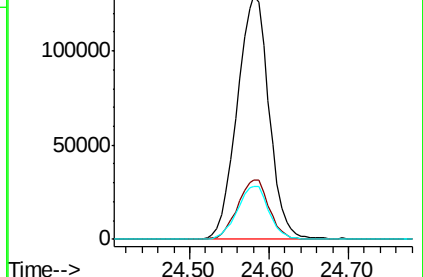
265 22.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.721 ng

RT: 23.61 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BG044544.D

Acq: 21 Feb 2020 11:40

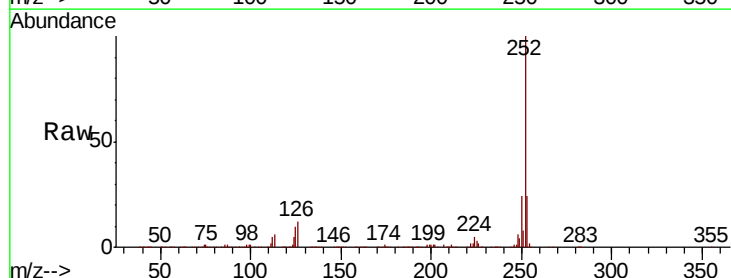
Tgt Ion:252 Resp: 949381

Ion Ratio Lower Upper

252 100

253 23.5 19.1 28.7

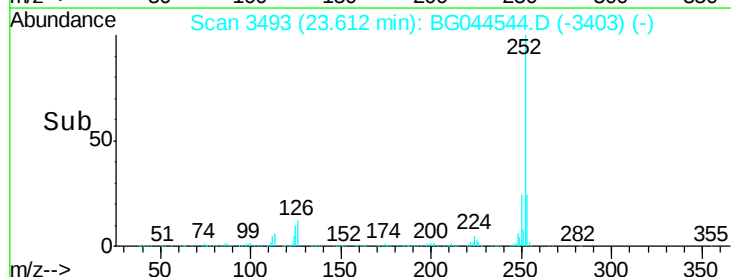
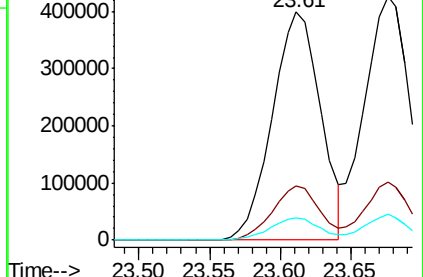
125 9.7 8.1 12.1

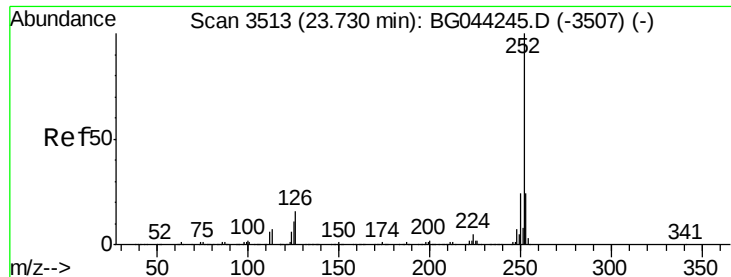


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

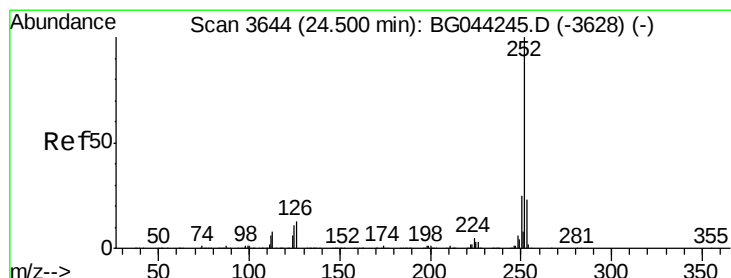
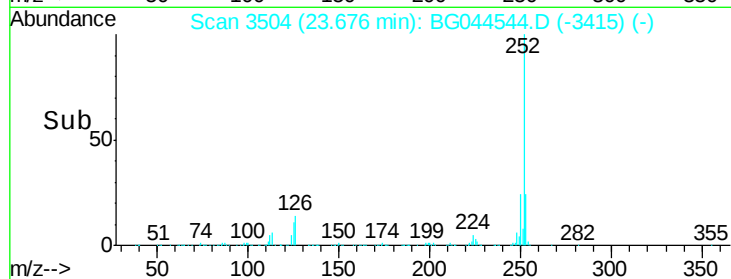
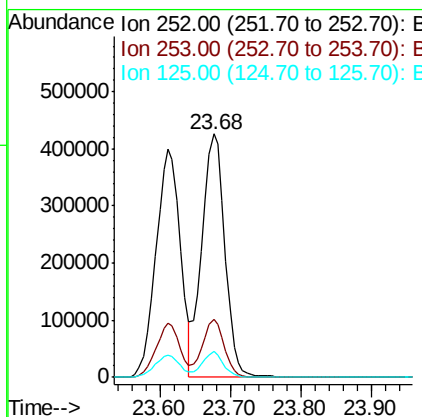
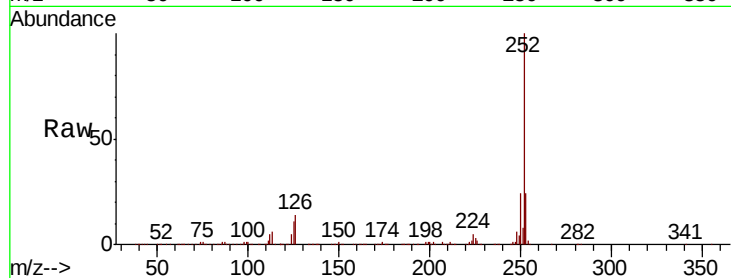




#89
Benzo(k)fluoranthene
Concen: 47.815 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

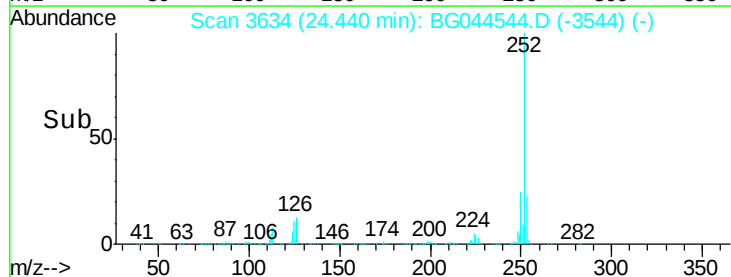
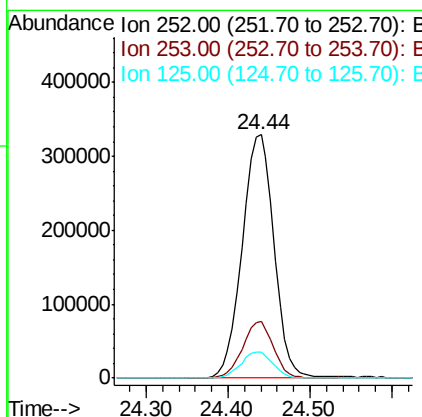
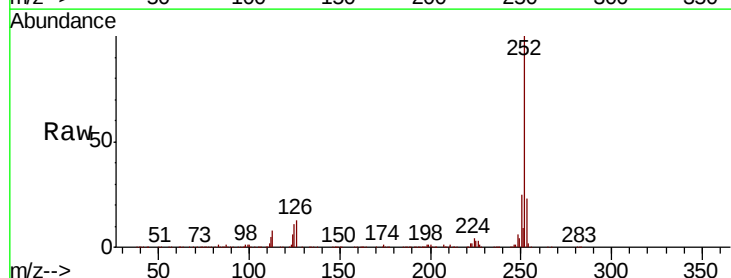
Instrument :
BNA_G
ClientSampleId :

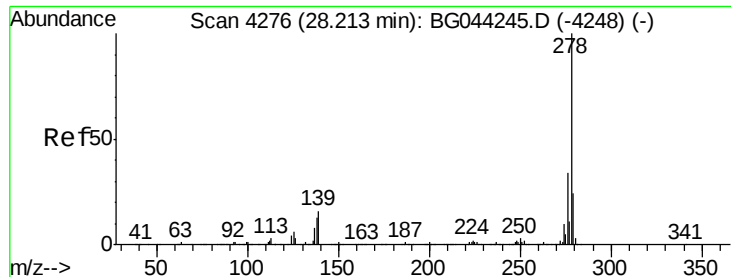
Tot Ion:252 Resp: 967683
Ion Ratio Lower Upper
252 100
253 23.8 19.6 29.4
125 10.5 7.9 11.9



#90
Benzo(a)pyrene
Concen: 45.412 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion:252 Resp: 891571
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 10.8 8.7 13.1

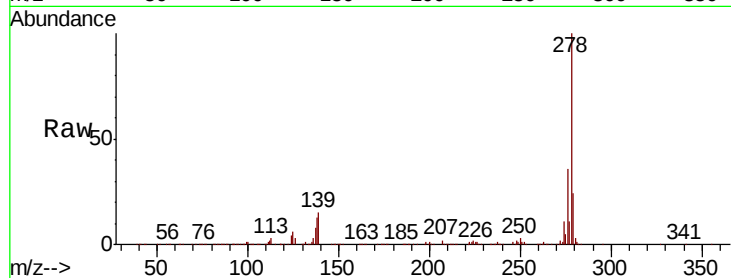




#91
Dibenzo(a,h)anthracene
Concen: 47.093 ng
RT: 28.12 min Scan# 4260
Delta R.T. -0.01 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	24.0	20.2	30.2

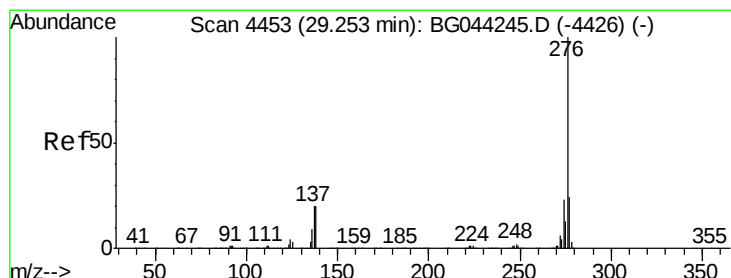
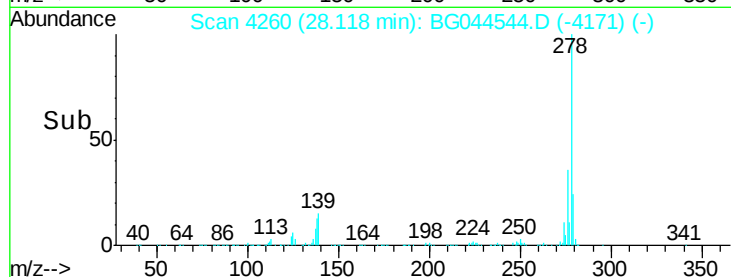
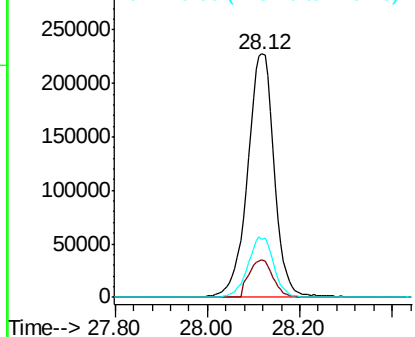


Abundance

Ion 278.00 (277.70 to 278.70): E

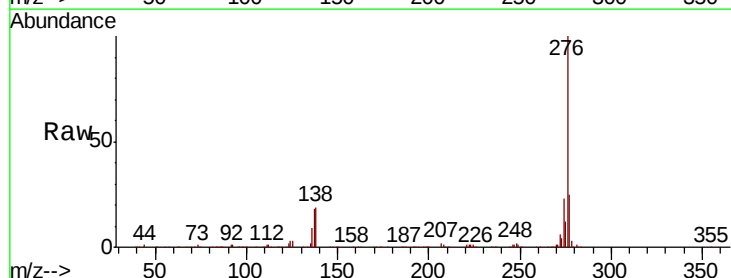
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.959 ng
RT: 29.15 min Scan# 4436
Delta R.T. -0.00 min
Lab File: BG044544.D
Acq: 21 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	19.4	16.4	24.6



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

