

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044694.D
 Acq On : 6 Mar 2020 12:38
 Operator : CG/JU
 Sample : L1161-01
 Misc : LOD-MDL-SOIL 8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 07 03:45:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 03:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68606	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	282645	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	197795	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	450924	20.00	ng	0.00
76) Chrysene-d12	21.71	240	436944	20.00	ng	0.00
87) Perylene-d12	24.94	264	505804	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	642337	140.61	ng	0.00
7) Phenol-d6	7.21	99	942873	136.55	ng	0.00
23) Nitrobenzene-d5	9.22	82	646370	104.12	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	414148	152.43	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1374239	96.78	ng	0.00
79) Terphenyl-d14	20.06	244	2223161	90.82	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	16830	7.686	ng	97
3) Pyridine	3.93	79	37259	5.488	ng	# 80
4) n-Nitrosodimethylamine	3.84	42	18447	6.424	ng	# 83
6) Aniline	7.38	93	63050	7.289	ng	# 95
8) 2-Chlorophenol	7.62	128	32903	7.107	ng	87
9) Benzaldehyde	7.19	77	41986	10.360	ng	96
10) Phenol	7.24	94	47488	6.982	ng	89
11) bis(2-Chloroethyl)ether	7.48	93	39770	7.609	ng	93
12) 1,3-Dichlorobenzene	7.95	146	39443	7.163	ng	90
13) 1,4-Dichlorobenzene	8.10	146	38421	6.984	ng	98
14) 1,2-Dichlorobenzene	8.42	146	37172	7.148	ng	95
15) Benzyl Alcohol	8.29	79	38766	6.508	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	70355	7.125	ng	98
17) 2-Methylphenol	8.49	107	33305	7.146	ng	# 87
18) Hexachloroethane	9.15	117	14495	6.570	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	38252	7.415	ng	# 96
20) 3+4-Methylphenols	8.82	107	43733	6.736	ng	97
22) Acetophenone	8.88	105	66047	8.005	ng	# 92
24) Nitrobenzene	9.26	77	51781	7.867	ng	94
25) Isophorone	9.79	82	102678	7.500	ng	98
26) 2-Nitrophenol	9.97	139	14179	6.588	ng	# 82
27) 2,4-Dimethylphenol	10.03	122	33134	7.715	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	55228	7.166	ng	# 94
29) 2,4-Dichlorophenol	10.51	162	32963	6.745	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	40563	7.146	ng	95
31) Naphthalene	10.92	128	115942	7.309	ng	98
32) Benzoic acid	10.09	122	8919	2.961	ng	90
33) 4-Chloroaniline	11.02	127	50081	6.855	ng	95
34) Hexachlorobutadiene	11.22	225	25372	6.542	ng	89
35) Caprolactam	11.75	113	13787	6.758	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	42033	6.792	ng	100
37) 2-Methylnaphthalene	12.52	142	92854	7.757	ng	95
38) 1-Methylnaphthalene	12.74	142	85845	7.586	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	50686	7.894	ng	97

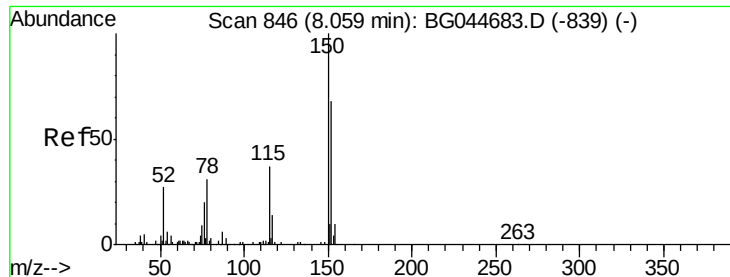
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044694.D
 Acq On : 6 Mar 2020 12:38
 Operator : CG/JU
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Quant Time: Mar 07 03:45:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 03:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	29563	7.873	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	29269	6.575	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	31293	6.855	ng	98
46) 1,1'-Biphenyl	13.53	154	119313	7.584	ng	100
47) 2-Chloronaphthalene	13.57	162	85009	7.084	ng	92
48) 2-Nitroaniline	13.76	65	27383	6.766	ng	98
49) Acenaphthylene	14.42	152	149812	7.792	ng	98
50) Dimethylphthalate	14.15	163	121422	7.384	ng	99
51) 2,6-Dinitrotoluene	14.26	165	21659	7.330	ng	88
52) Acenaphthene	14.76	154	89619	7.209	ng	98
53) 3-Nitroaniline	14.58	138	23307	6.845	ng	97
54) 2,4-Dinitrophenol	14.78	184	6718	4.897	ng	# 26
55) Dibenzofuran	15.09	168	143469	7.702	ng	99
56) 4-Nitrophenol	14.87	139	18182	6.863	ng	# 86
57) 2,4-Dinitrotoluene	15.04	165	26505	6.713	ng	# 91
58) Fluorene	15.74	166	120234	7.804	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.23	232	29872	6.875	ng	95
60) Diethylphthalate	15.51	149	131580	7.484	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	61086	7.307	ng	96
62) 4-Nitroaniline	15.73	138	24334	6.488	ng	95
63) Azobenzene	16.03	77	143812	7.817	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	12307	6.681	ng	91
66) n-Nitrosodiphenylamine	15.94	169	104753	7.598	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	38819	6.826	ng	# 85
68) Hexachlorobenzene	16.75	284	42704	6.954	ng	94
69) Atrazine	16.90	200	47945	8.999	ng	93
70) Pentachlorophenol	17.09	266	21723	6.234	ng	95
71) Phenanthrene	17.57	178	203731	8.240	ng	98
72) Anthracene	17.57	178	203731	8.366	ng	97
73) Carbazole	17.84	167	188027	8.062	ng	94
74) Di-n-butylphthalate	18.42	149	237390	8.082	ng	# 96
75) Fluoranthene	19.49	202	248821	8.327	ng	95
77) Benzidine	19.66	184	151854	8.706	ng	97
78) Pyrene	19.85	202	251422	7.544	ng	96
80) Butylbenzylphthalate	20.75	149	100411	6.750	ng	96
81) Benzo(a)anthracene	21.70	228	249632	7.618	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	103812	7.957	ng	# 96
83) Chrysene	21.76	228	233340	7.482	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	152324	7.343	ng	97
85) Di-n-octyl phthalate	22.87	149	249448	7.002	ng	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	290850	7.061	ng	93
88) Benzo(b)fluoranthene	23.92	252	247450	7.188	ng	# 93
89) Benzo(k)fluoranthene	23.98	252	245416	7.606	ng	94
90) Benzo(a)pyrene	24.78	252	228339	7.122	ng	93
91) Dibenzo(a,h)anthracene	28.68	278	238477	7.459	ng	# 93
92) Benzo(g,h,i)perylene	29.73	276	236567	7.387	ng	99

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

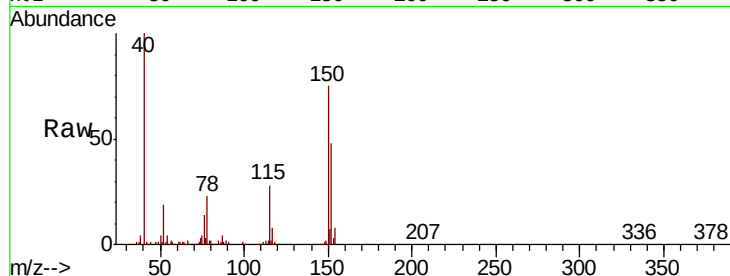


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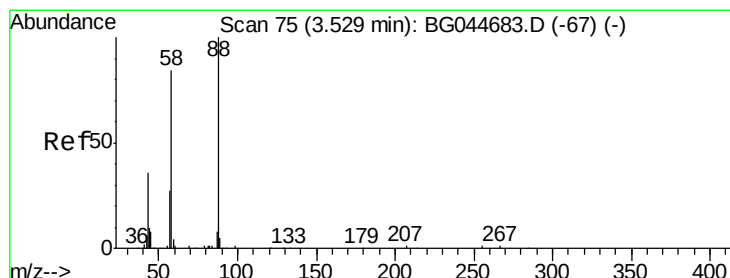
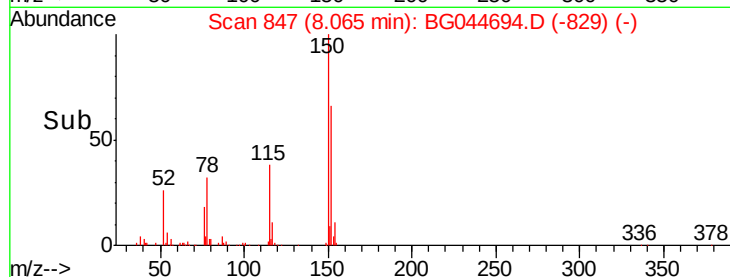
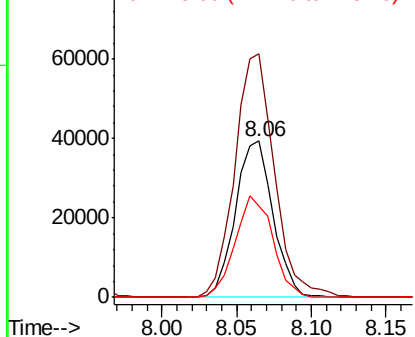
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 68606
Ion Ratio Lower Upper
152 100
150 155.7 118.6 177.8
115 58.0 43.6 65.4



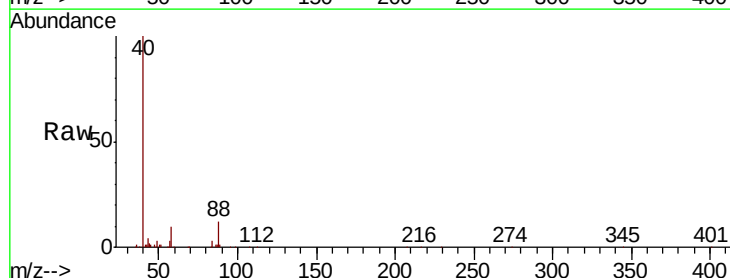
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



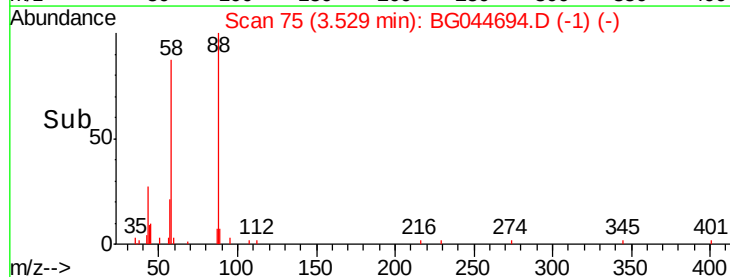
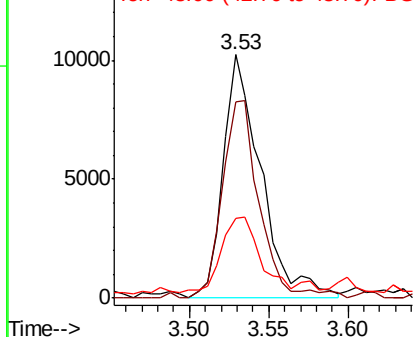
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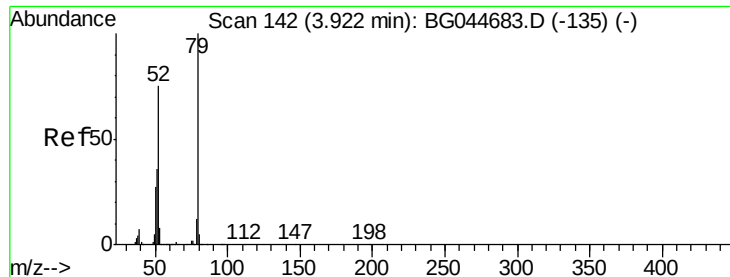
1,4-Dioxane
Concen: 7.686 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion: 88 Resp: 16830
Ion Ratio Lower Upper
88 100
58 79.8 66.6 99.8
43 33.3 27.4 41.2



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: 5.488 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

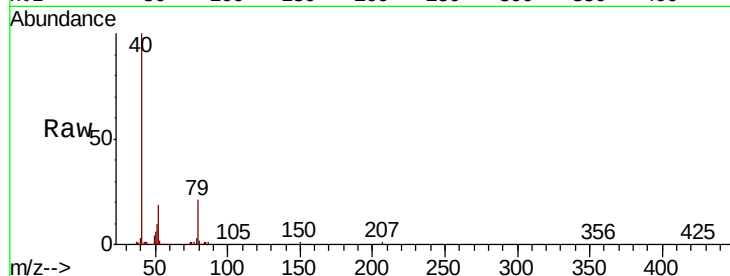
Tot Ion: 79 Resp: 37259

Ion Ratio Lower Upper

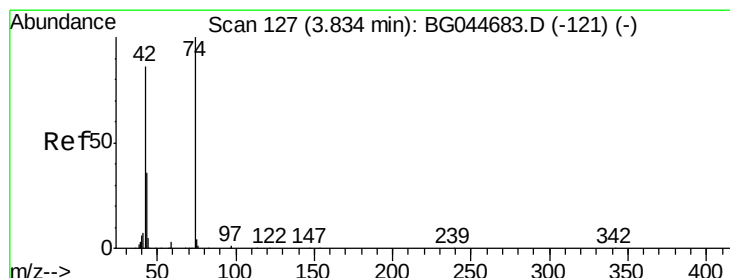
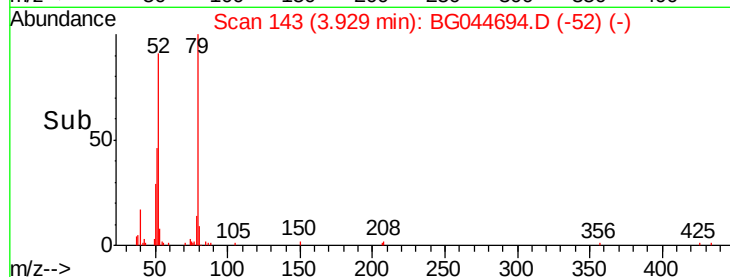
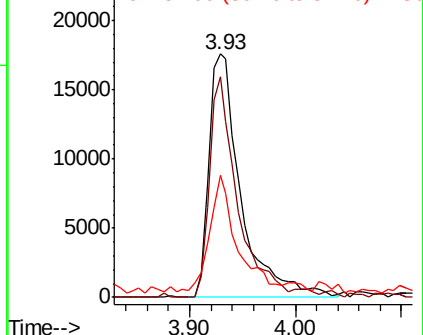
79 100

52 90.5 59.9 89.9#

51 50.0 29.3 43.9#



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



#4

n-Nitrosodimethylamine

Concen: 6.424 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

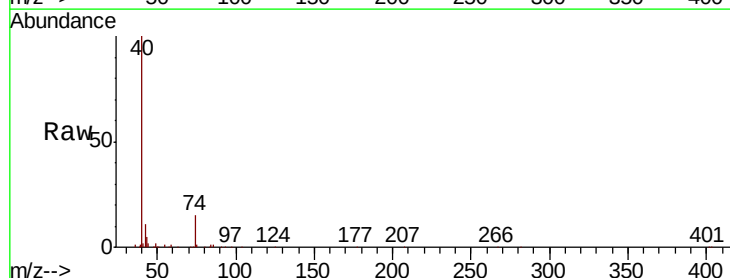
Tgt Ion: 42 Resp: 18447

Ion Ratio Lower Upper

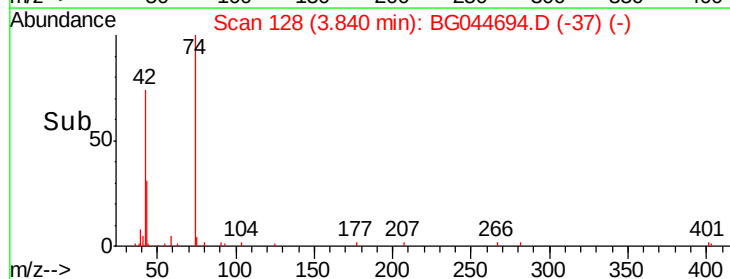
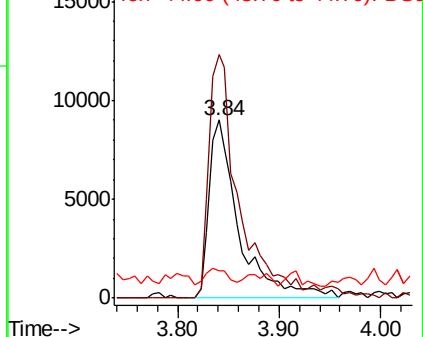
42 100

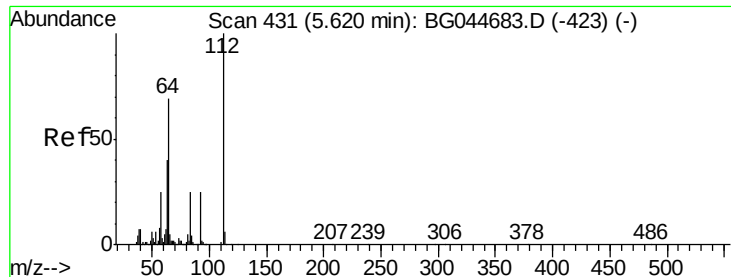
74 136.6 93.4 140.2

44 15.2 8.9 13.3#



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





#5

2-Fluorophenol

Concen: 140.612 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampled :

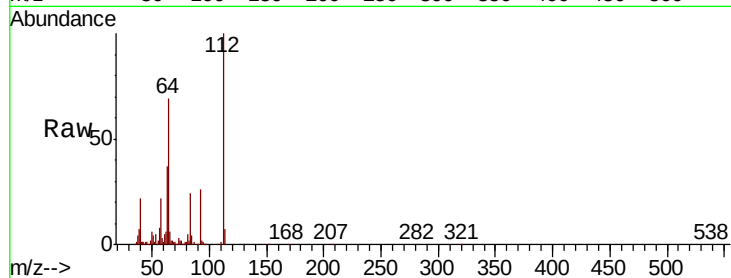
Tot Ion:112 Resp: 642337

Ion Ratio Lower Upper

112 100

64 69.1 55.4 83.0

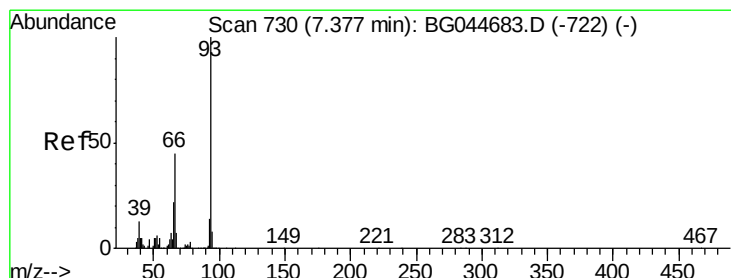
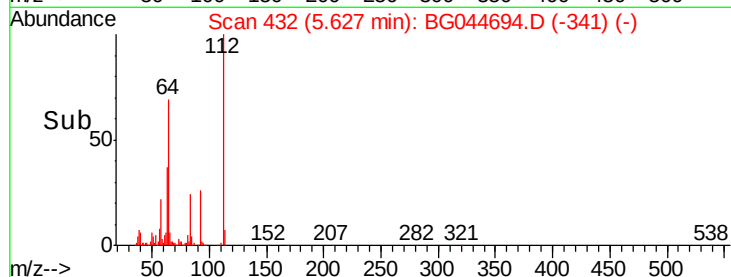
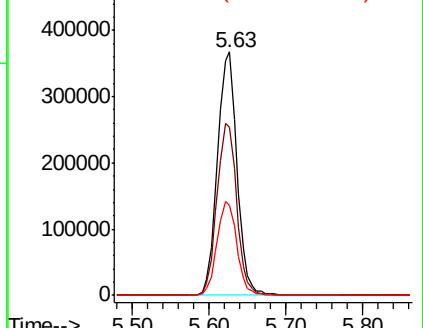
63 37.0 32.1 48.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.289 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

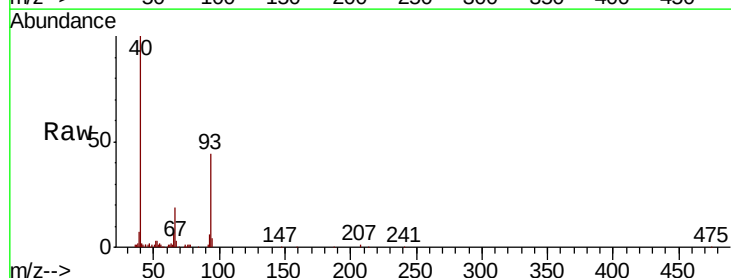
Tgt Ion: 93 Resp: 63050

Ion Ratio Lower Upper

93 100

66 43.8 35.8 53.8

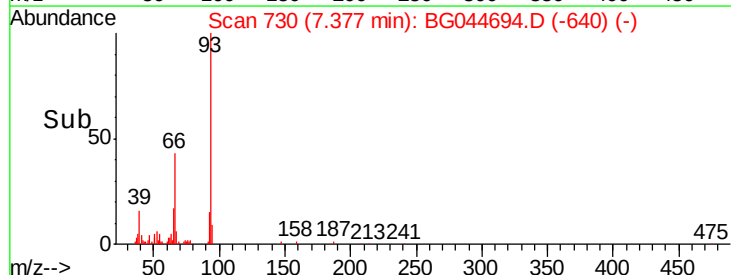
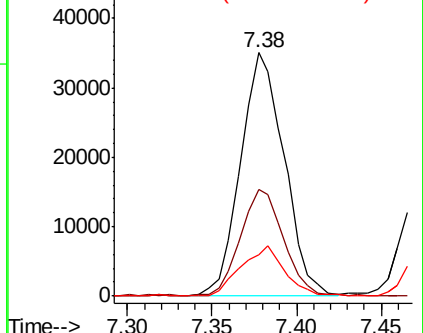
65 17.0 17.9 26.9#

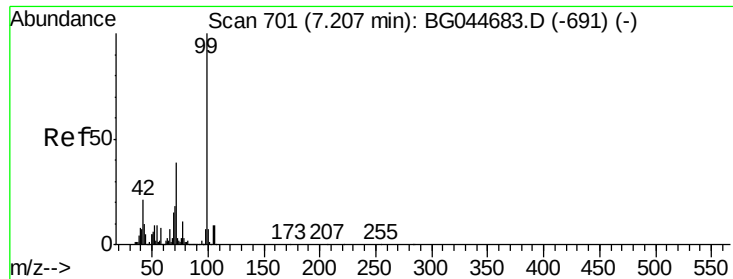


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.550 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampled :

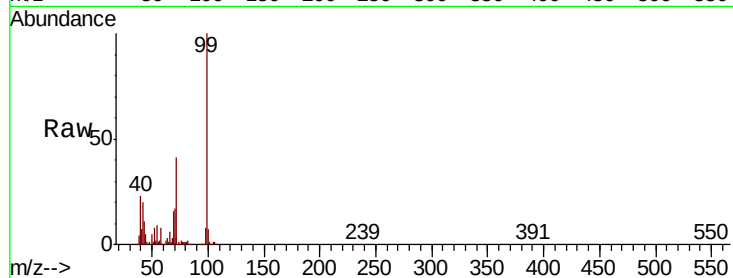
Tot Ion: 99 Resp: 942873

Ion Ratio Lower Upper

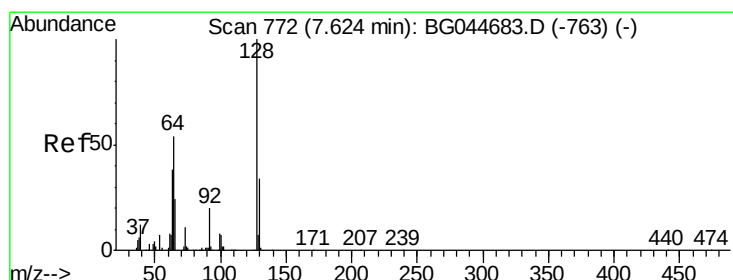
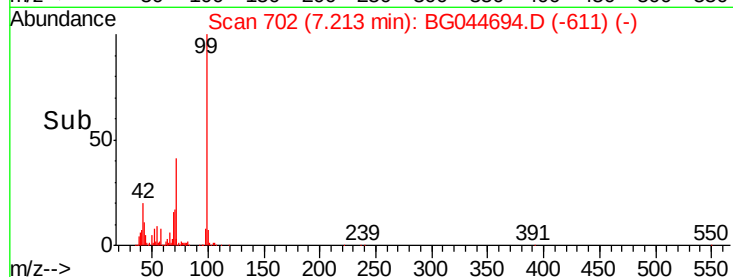
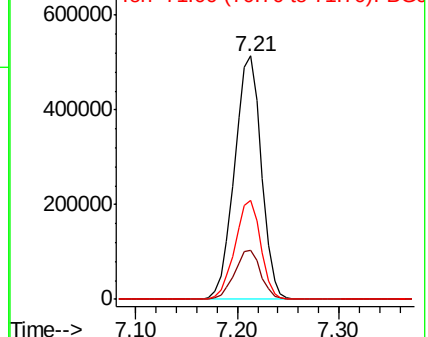
99 100

42 20.0 16.5 24.7

71 40.7 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 7.107 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

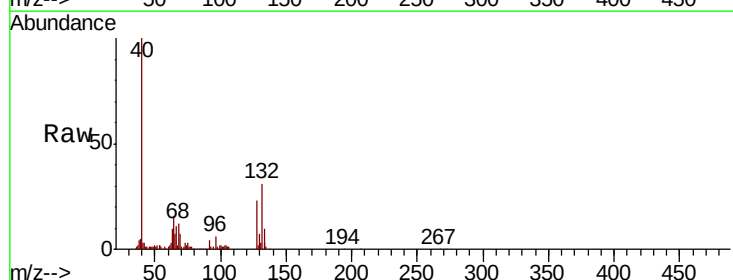
Tgt Ion: 128 Resp: 32903

Ion Ratio Lower Upper

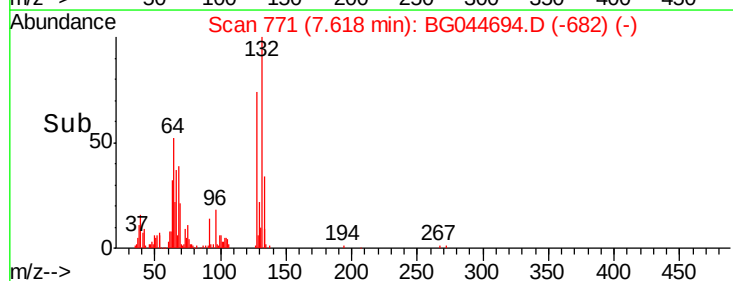
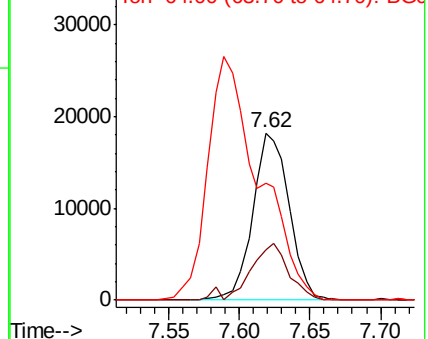
128 100

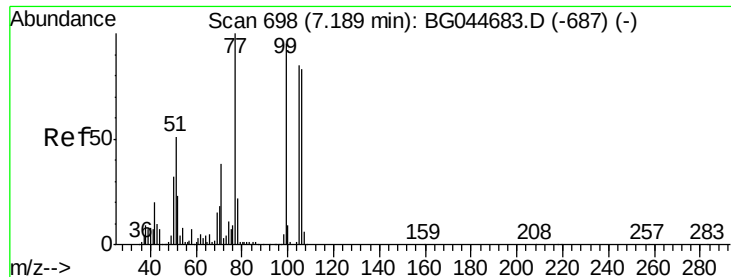
130 30.0 14.0 54.0

64 70.0 37.6 77.6



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





#9

Benzaldehyde

Concen: 10.360 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampled :

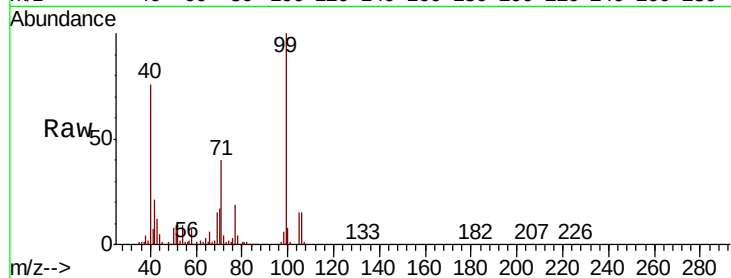
Tot Ion: 77 Resp: 41986

Ion Ratio Lower Upper

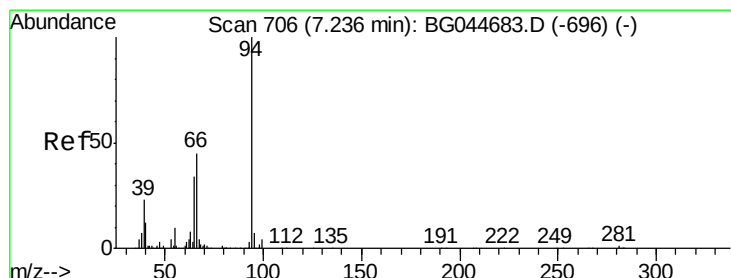
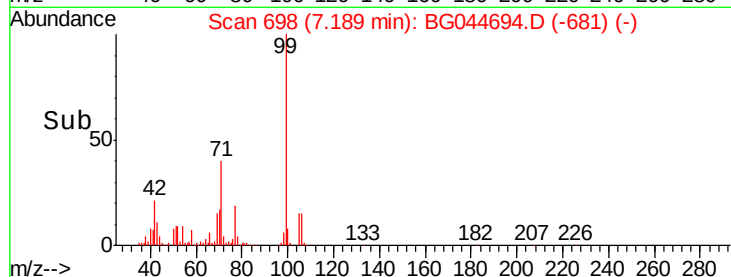
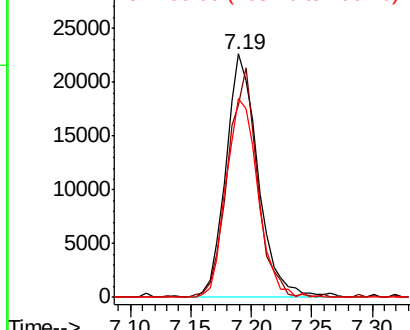
77 100

105 79.1 65.1 105.1

106 81.6 63.1 103.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 6.982 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

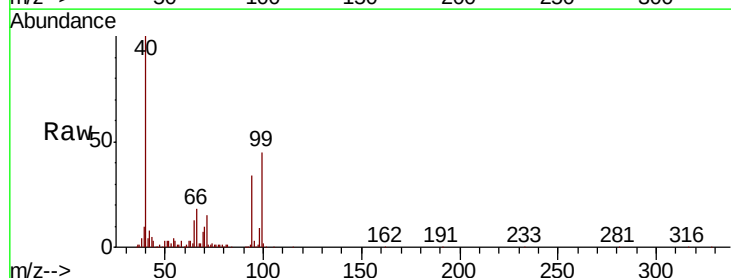
Tgt Ion: 94 Resp: 47488

Ion Ratio Lower Upper

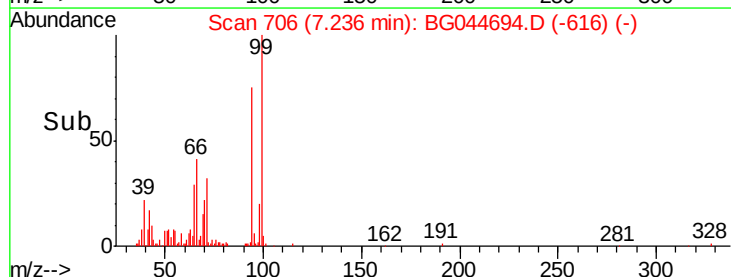
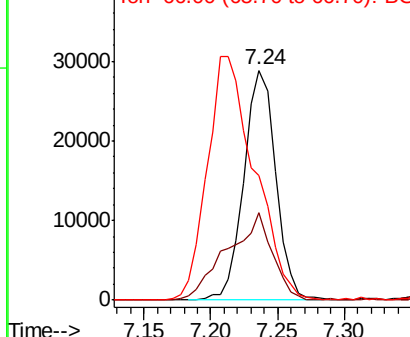
94 100

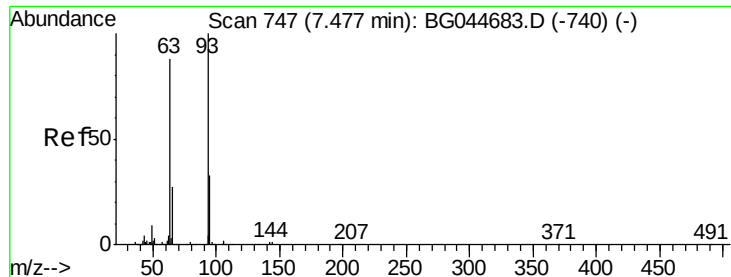
65 38.4 13.5 53.5

66 54.3 25.8 65.8



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

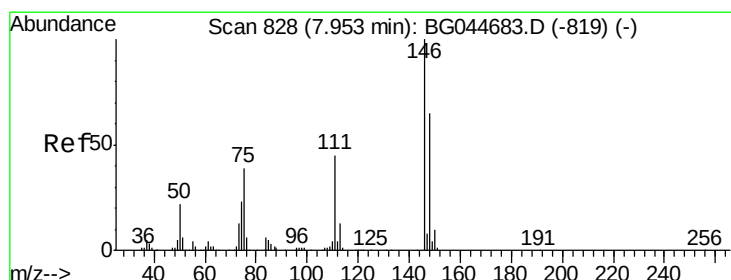
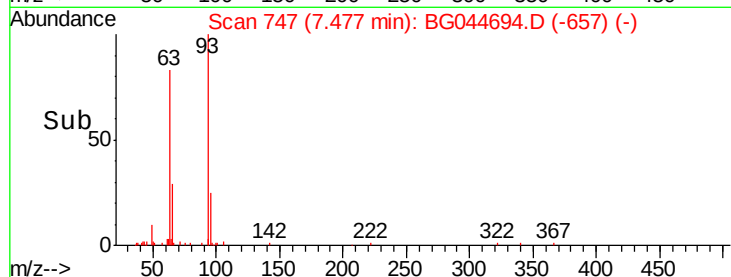
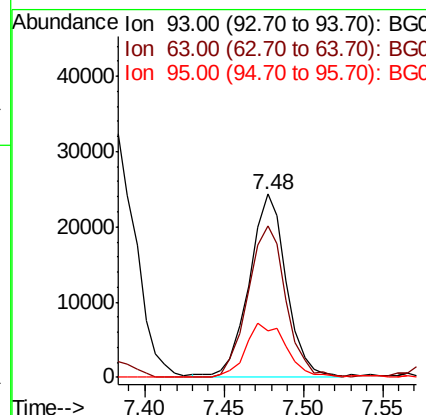
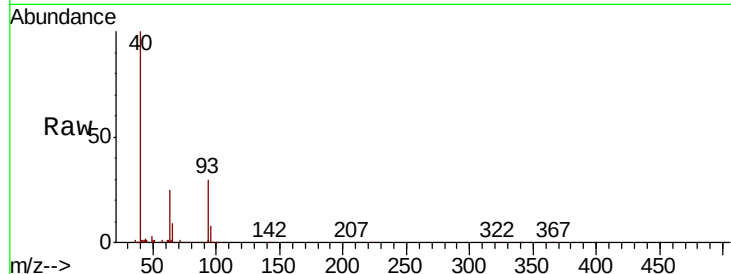




#11
 bis(2-Chloroethyl)ether
 Concen: 7.609 ng
 RT: 7.48 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

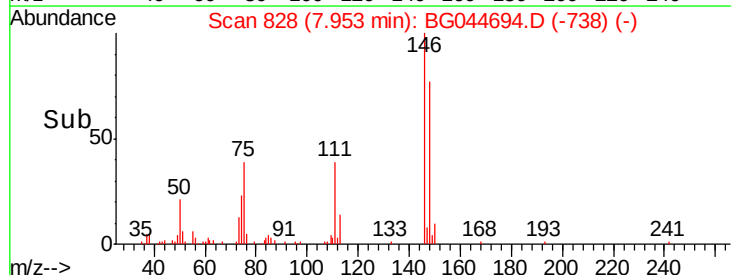
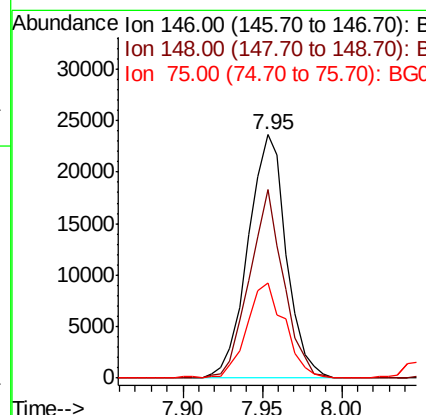
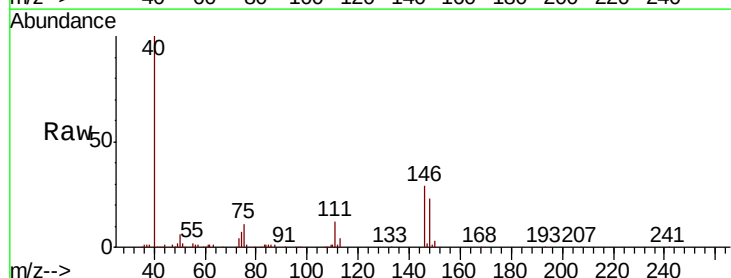
Instrument :
 BNA_G
 ClientSampleId :

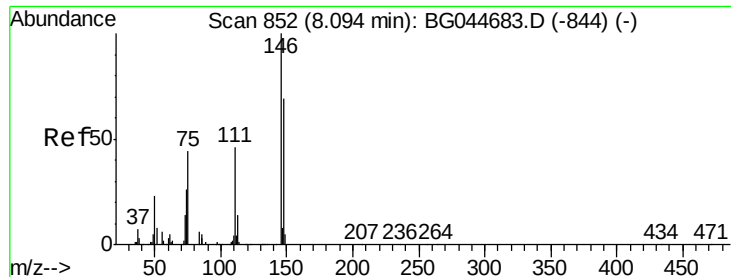
Tot Ion: 93 Resp: 39770
 Ion Ratio Lower Upper
 93 100
 63 82.9 67.8 107.8
 95 25.5 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 7.163 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

Tgt Ion: 146 Resp: 39443
 Ion Ratio Lower Upper
 146 100
 148 77.3 51.9 77.9
 75 39.1 31.0 46.6

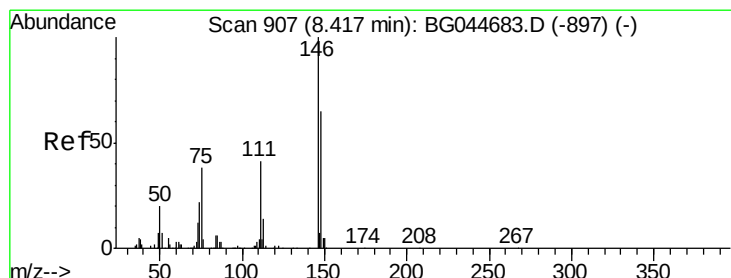
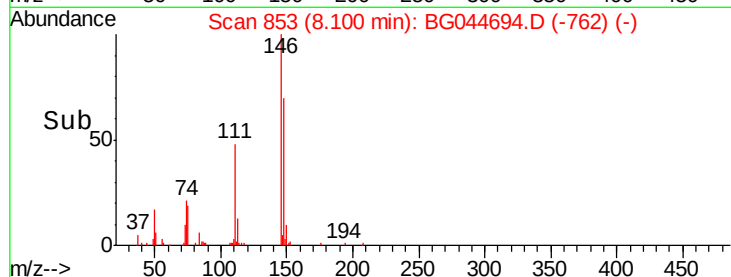
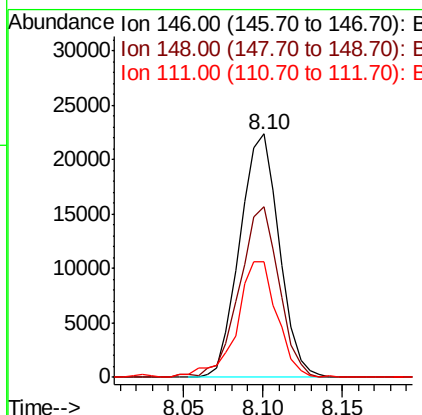
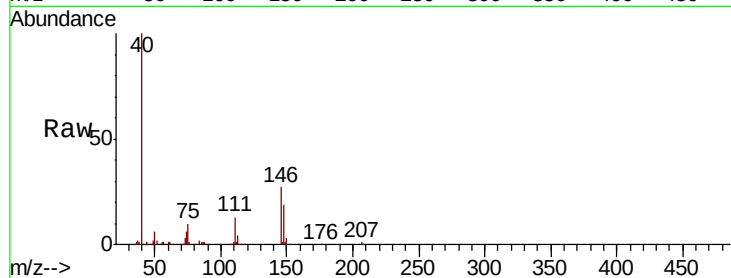




#13
 1,4-Dichlorobenzene
 Concen: 6.984 ng
 RT: 8.10 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

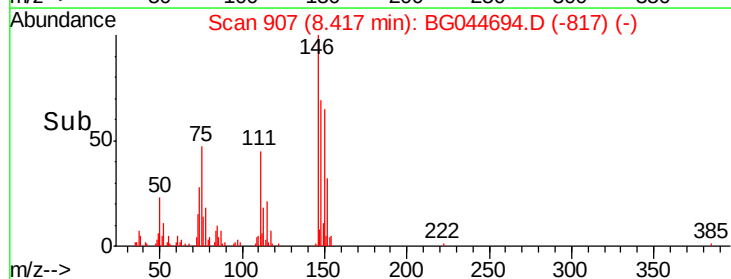
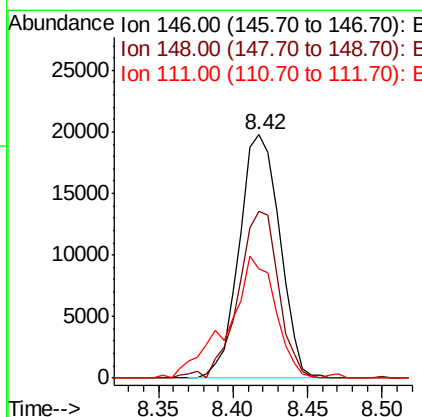
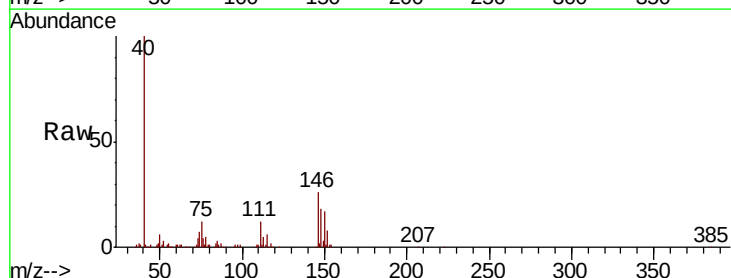
Instrument :
 BNA_G
 ClientSampleId :

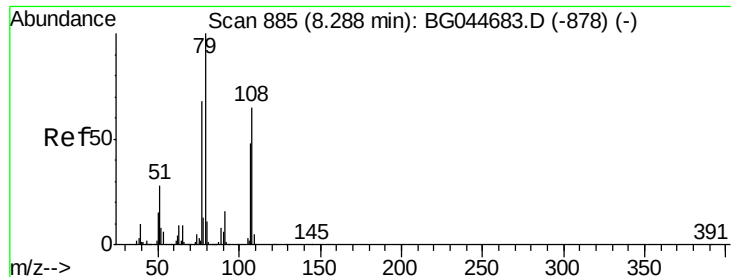
Tot Ion:146 Resp: 38421
 Ion Ratio Lower Upper
 146 100
 148 69.8 55.0 82.4
 111 47.7 37.2 55.8



#14
 1,2-Dichlorobenzene
 Concen: 7.148 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

Tgt Ion:146 Resp: 37172
 Ion Ratio Lower Upper
 146 100
 148 68.7 51.8 77.8
 111 45.0 33.4 50.0





#15

Benzyl Alcohol

Concen: 6.508 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

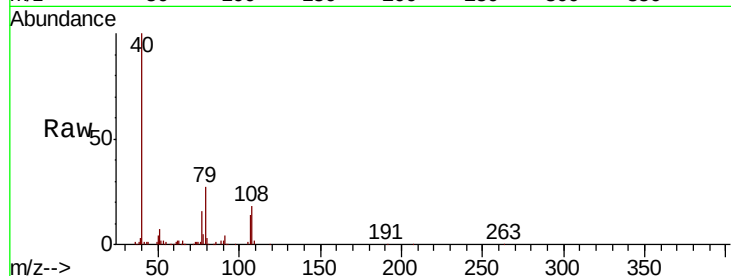
Tot Ion: 79 Resp: 38766

Ion Ratio Lower Upper

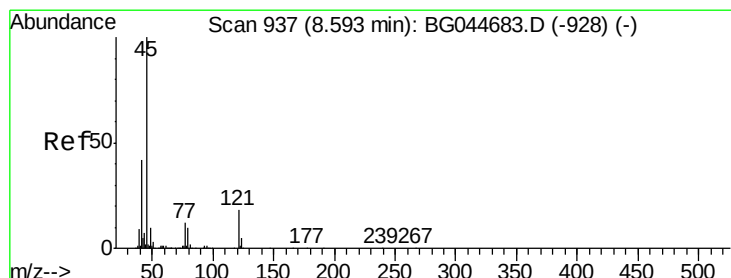
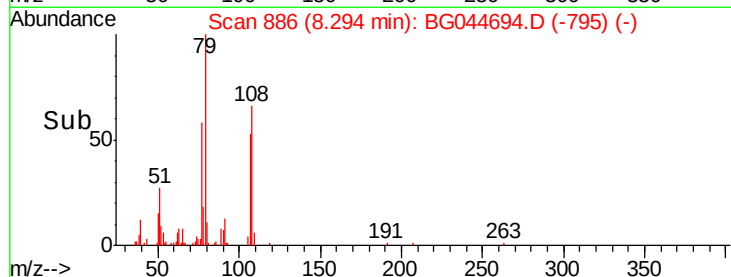
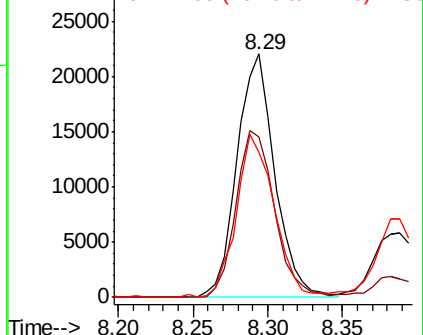
79 100

108 65.8 52.2 78.4

77 59.3 54.2 81.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.125 ng

RT: 8.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

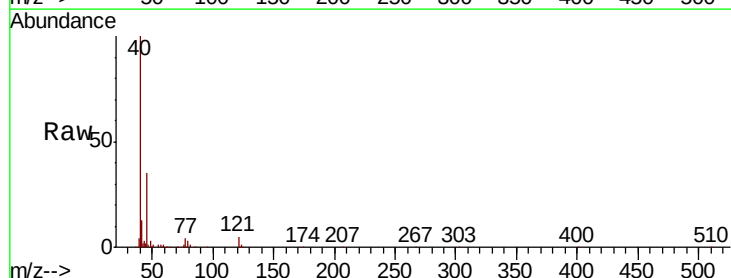
Tgt Ion: 45 Resp: 70355

Ion Ratio Lower Upper

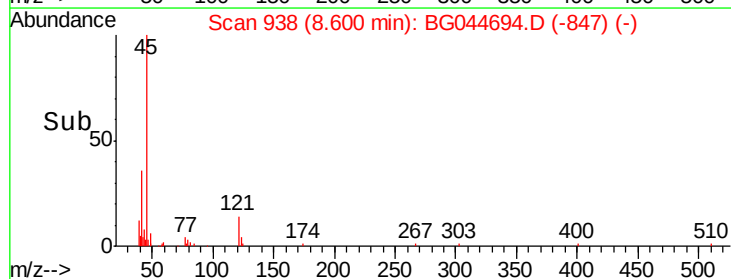
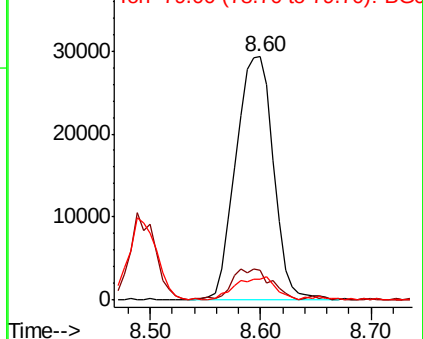
45 100

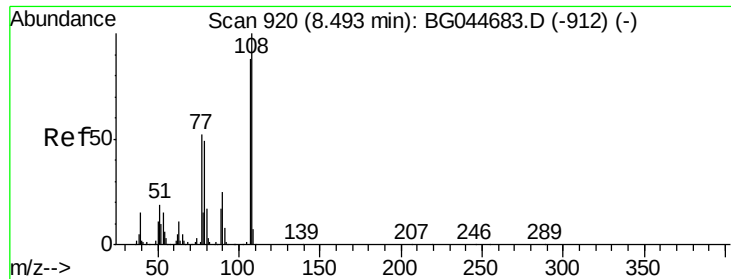
77 12.5 0.0 32.1

79 8.5 0.0 29.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 7.146 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044694.D

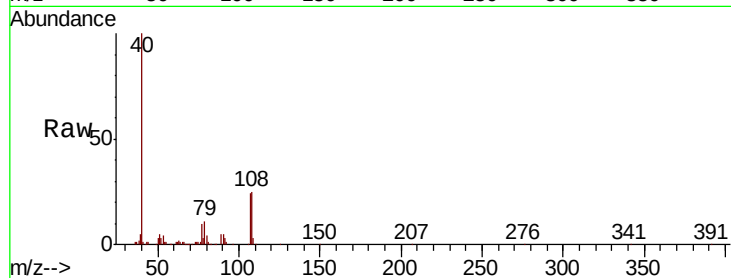
Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	33305
Ion	Ratio	Lower	Upper
107	100		
108	102.5	90.5	135.7
77	42.8	47.3	70.9#
79	47.0	44.6	67.0

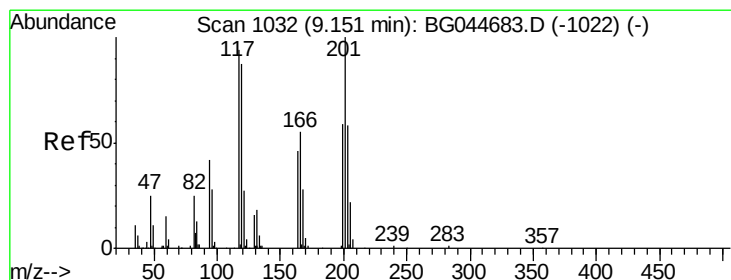
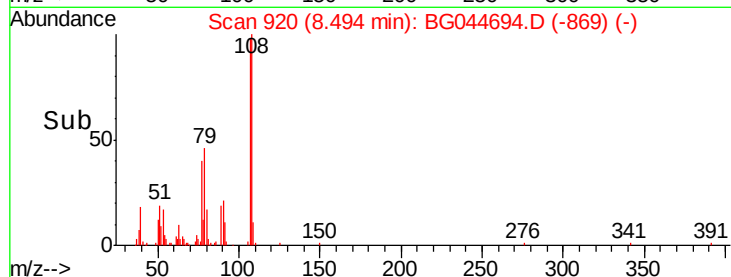
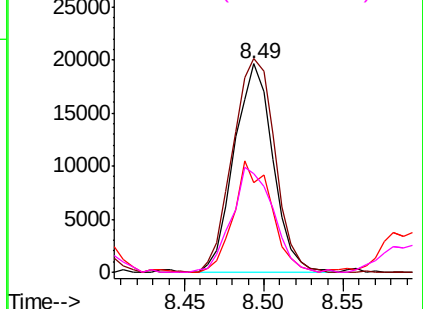


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 6.570 ng

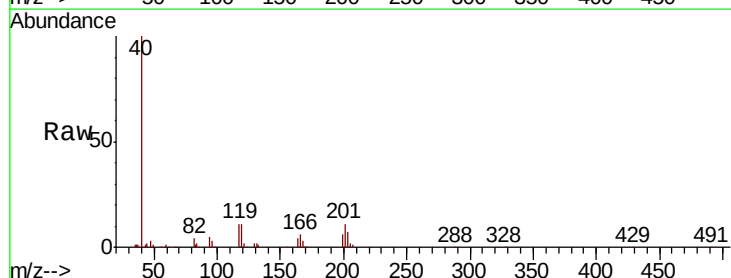
RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

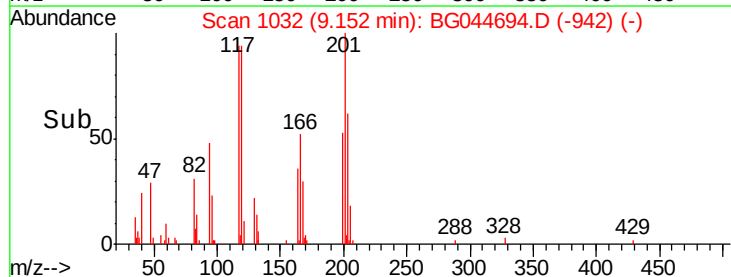
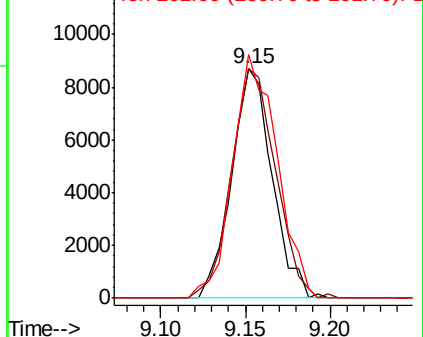
Tgt Ion:	117	Resp:	14495
Ion	Ratio	Lower	Upper
117	100		
119	100.3	74.5	111.7
201	106.3	85.5	128.3

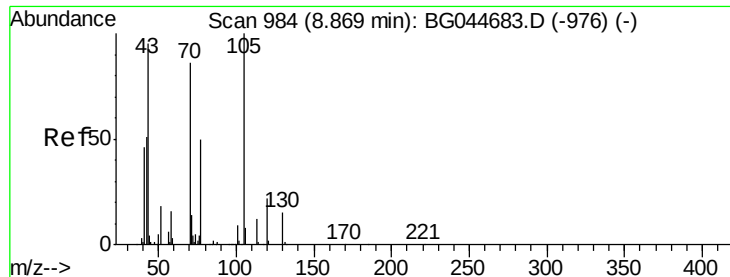


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

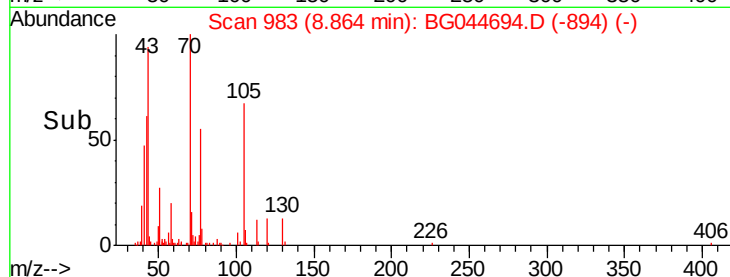
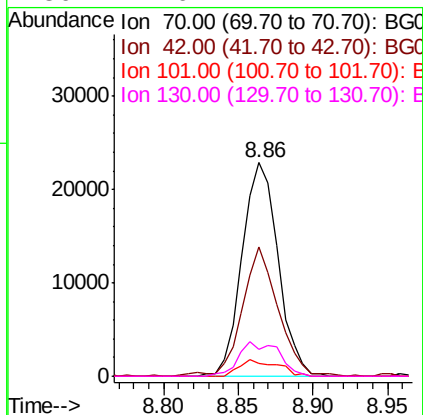
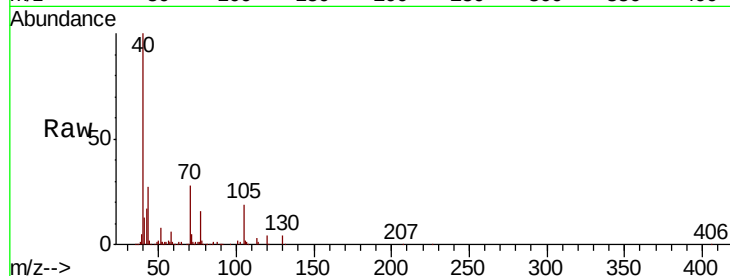




#19
n-Nitroso-di-n-propylamine
Concen: 7.415 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

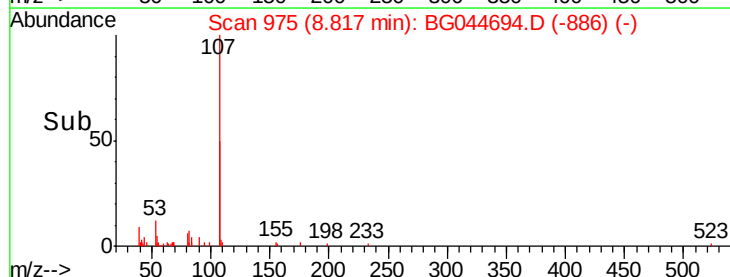
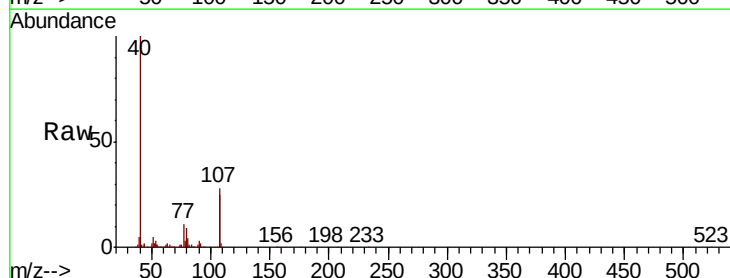
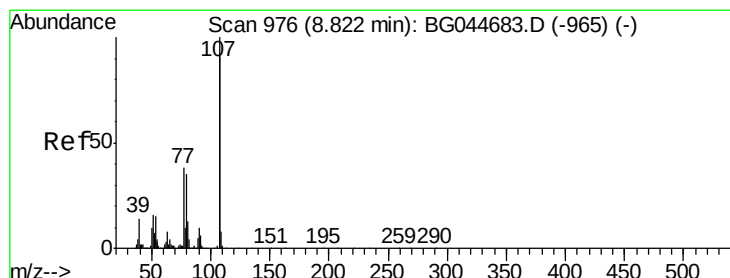
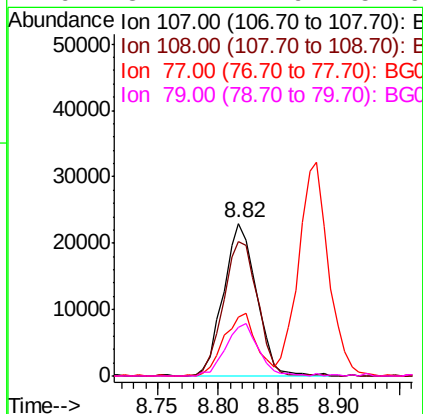
Instrument :
BNA_G
ClientSampleId :

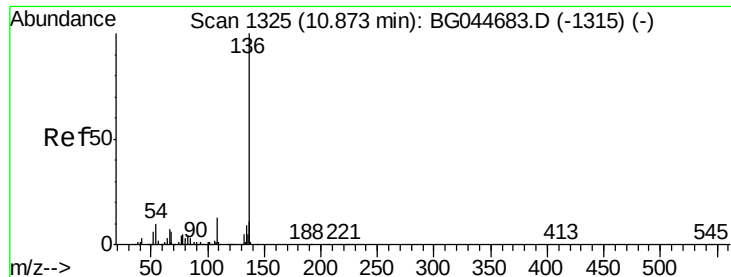
Tot Ion: 70 Resp: 38252
Ion Ratio Lower Upper
70 100
42 60.6 48.9 73.3
101 6.3 8.0 12.0#
130 12.6 14.1 21.1#



#20
3+4-Methylphenols
Concen: 6.736 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion: 107 Resp: 43733
Ion Ratio Lower Upper
107 100
108 88.0 70.8 110.8
77 38.8 17.8 57.8
79 32.2 14.9 54.9

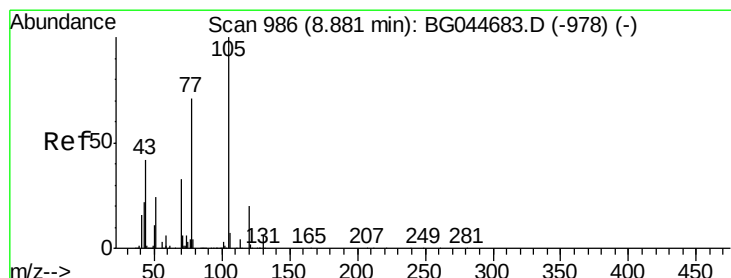
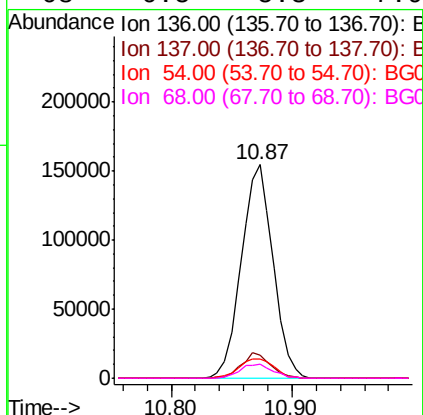
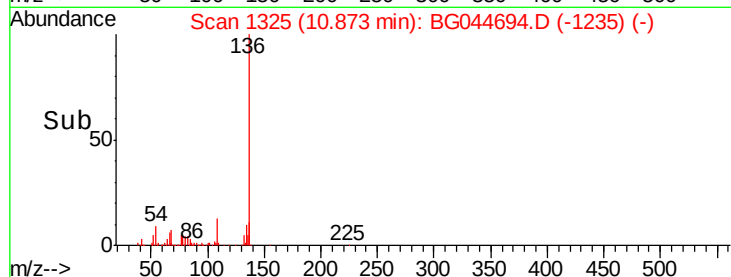
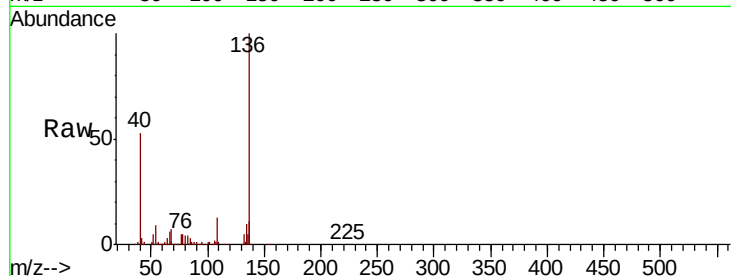




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

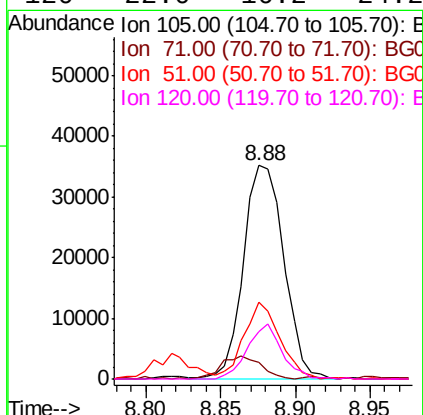
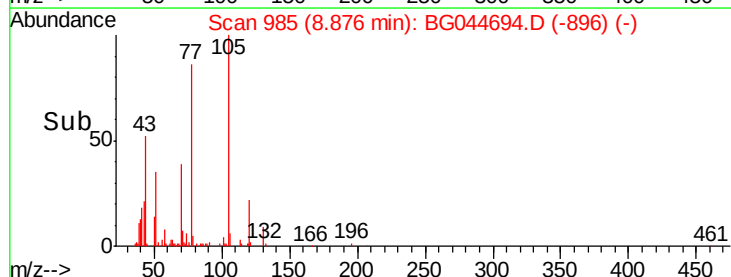
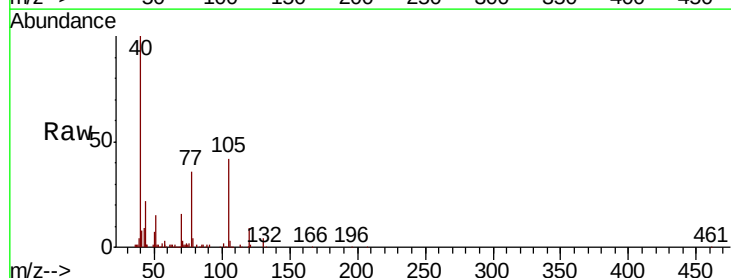
Instrument :
BNA_G
ClientSampleId :

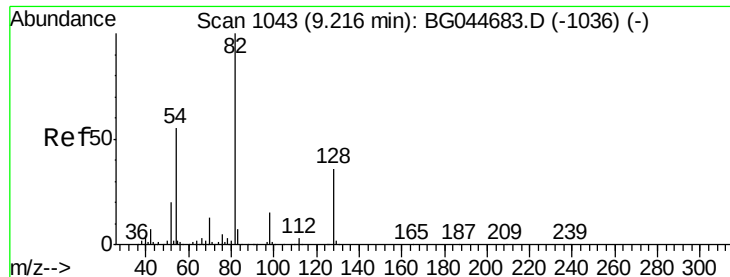
Tot Ion:136	Resp:	282645	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.6	12.8	
54 8.8	8.2	12.4	
68 6.5	5.3	7.9	



#22
Acetophenone
Concen: 8.005 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt	Ion:105	Resp:	66047
Ion	Ratio	Lower	Upper
105	100		
71	7.7	4.8	7.2#
51	35.7	24.0	36.0
120	22.0	16.2	24.2

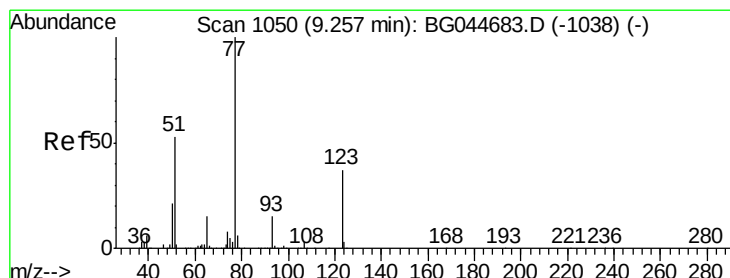
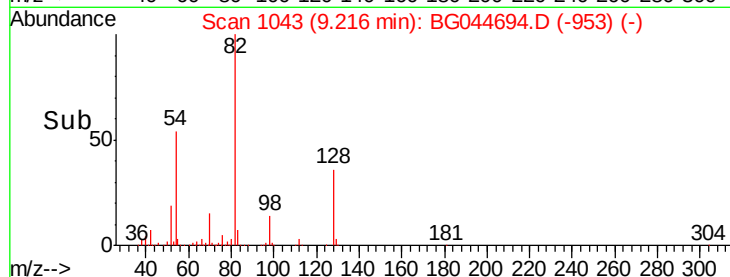
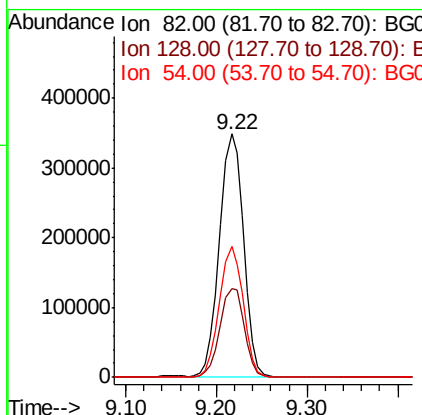
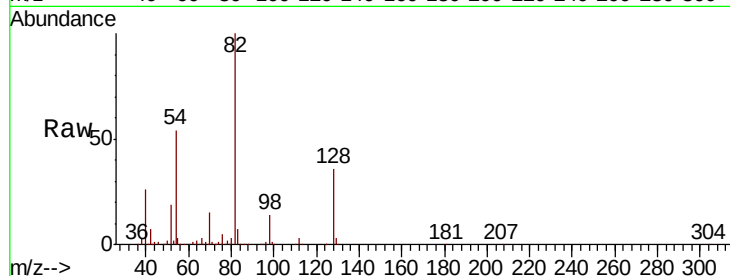




#23
Nitrobenzene-d5
Concen: 104.122 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

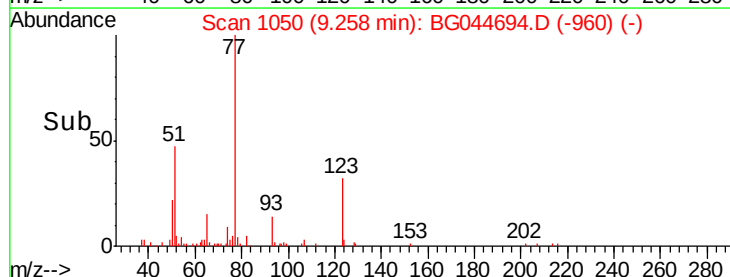
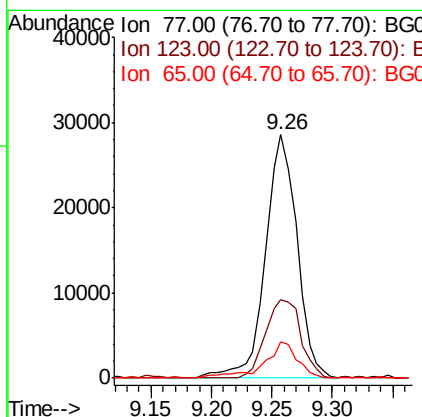
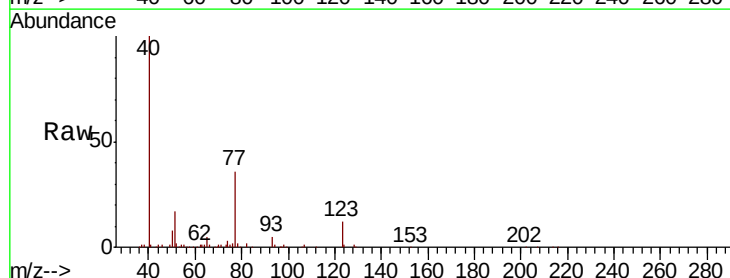
Instrument :
BNA_G
ClientSampled :

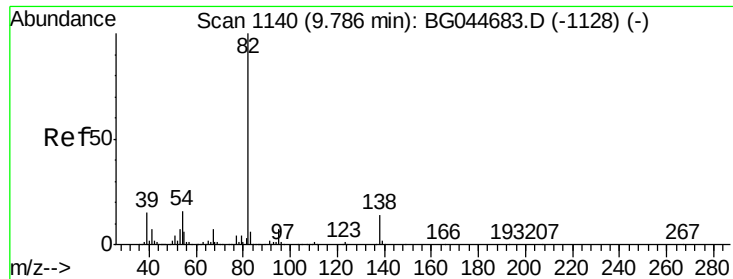
Tot Ion	82	Resp	646370
Ion Ratio	Lower	Upper	
82	100		
128	36.2	28.5	42.7
54	54.0	43.6	65.4



#24
Nitrobenzene
Concen: 7.867 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion	77	Resp	51781
Ion Ratio	Lower	Upper	
77	100		
123	32.4	29.7	44.5
65	15.0	11.7	17.5





#25

Isophorone

Concen: 7.500 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

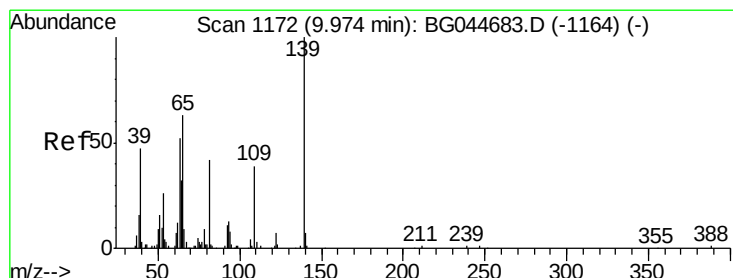
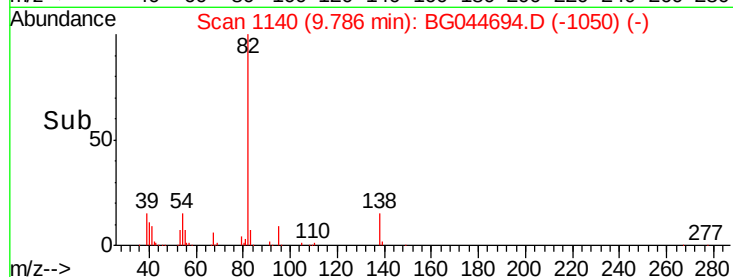
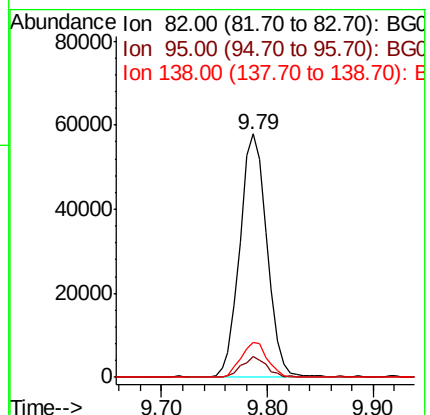
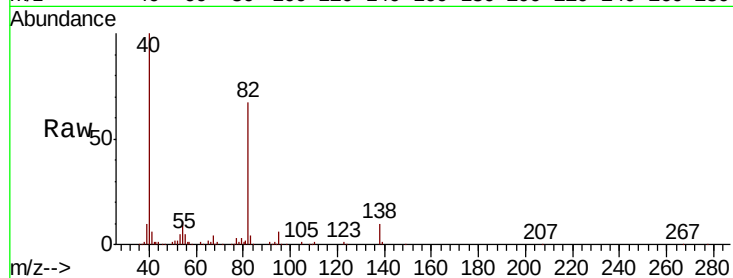
Tot Ion: 82 Resp: 102678

Ion Ratio Lower Upper

82 100

95 8.4 6.0 9.0

138 14.5 11.2 16.8



#26

2-Nitrophenol

Concen: 6.588 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

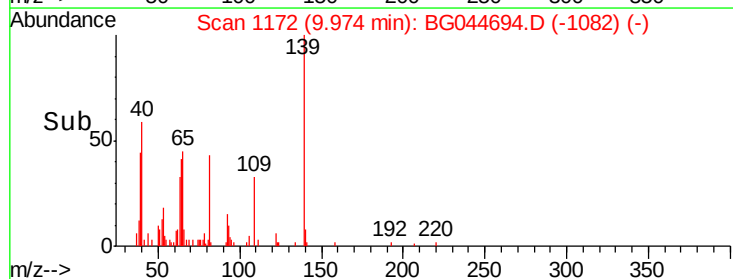
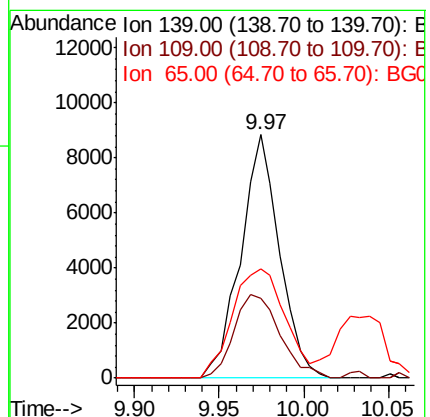
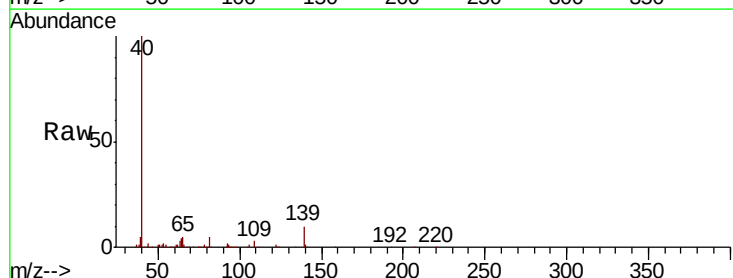
Tgt Ion: 139 Resp: 14179

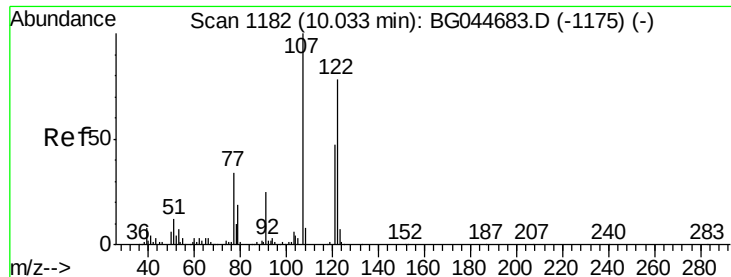
Ion Ratio Lower Upper

139 100

109 32.5 31.1 46.7

65 44.8 50.2 75.4#

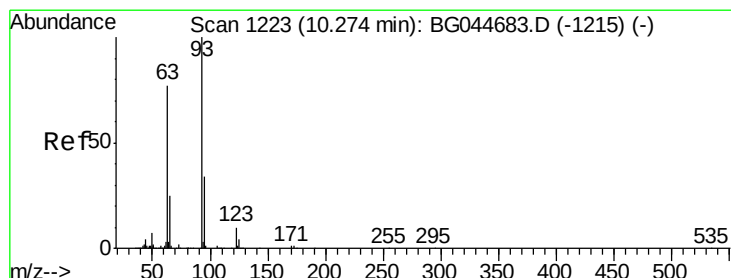
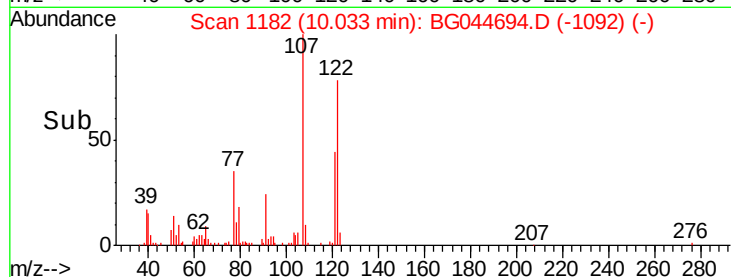
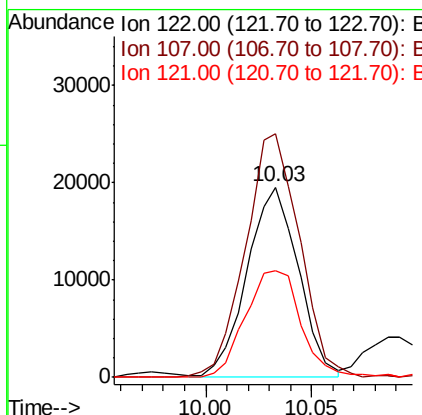
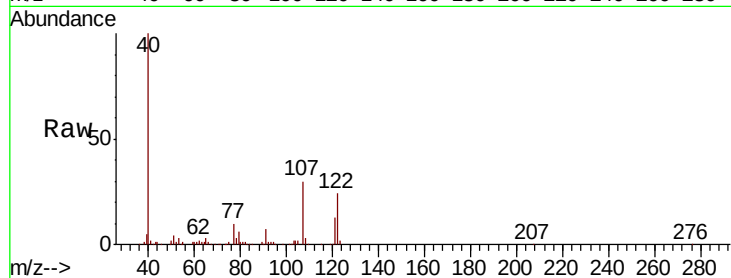




#27
 2,4-Dimethylphenol
 Concen: 7.715 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

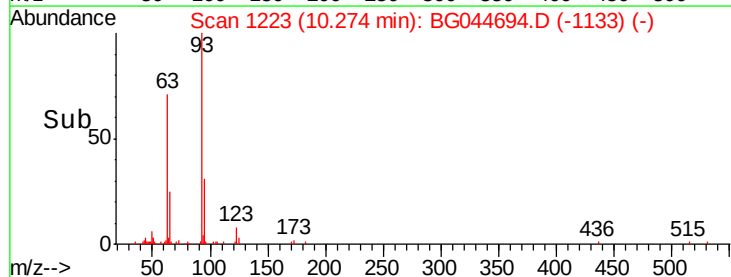
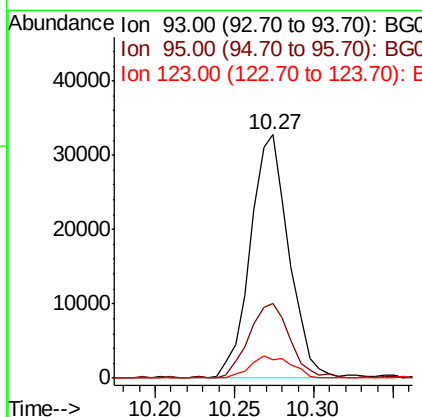
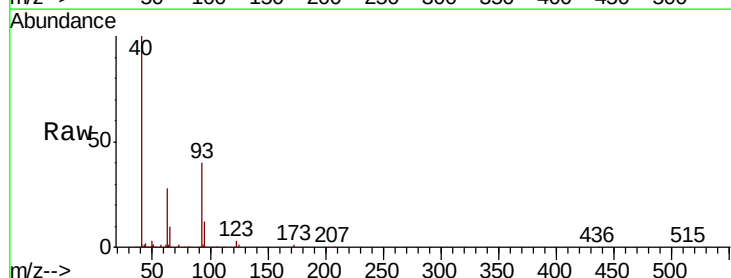
Instrument :
 BNA_G
 ClientSampleId :

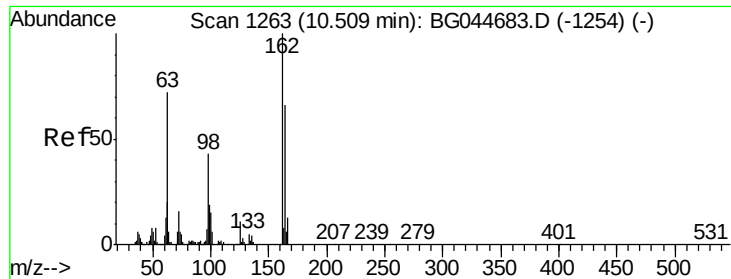
Tot Ion:122 Resp: 33134
 Ion Ratio Lower Upper
 122 100
 107 128.0 101.7 152.5
 121 56.0 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.166 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

Tgt Ion: 93 Resp: 55228
 Ion Ratio Lower Upper
 93 100
 95 30.9 27.0 40.6
 123 7.8 8.3 12.5#

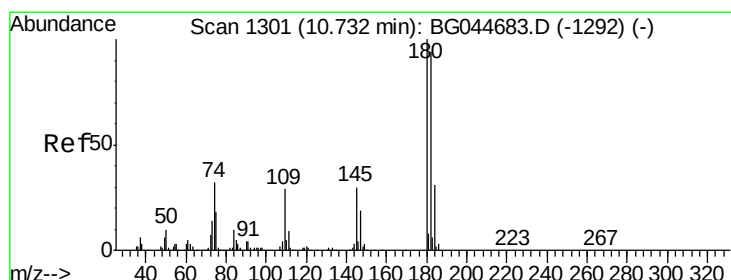
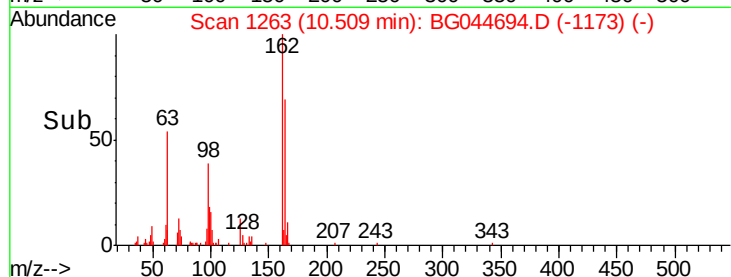
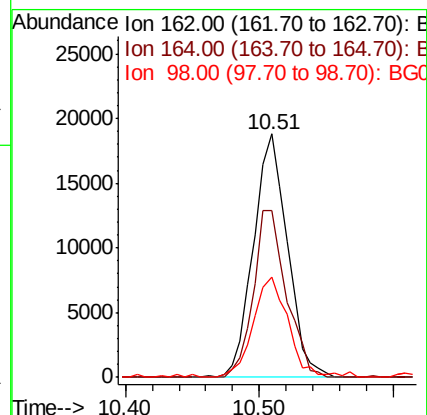
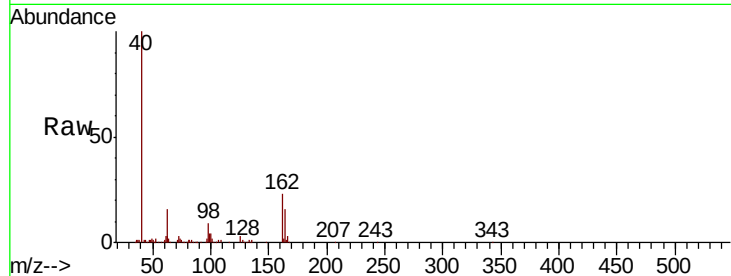




#29
2,4-Dichlorophenol
Concen: 6.745 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

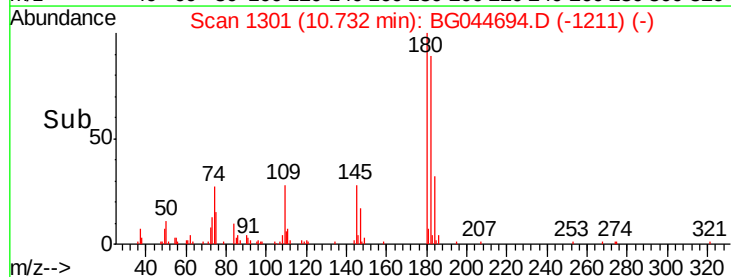
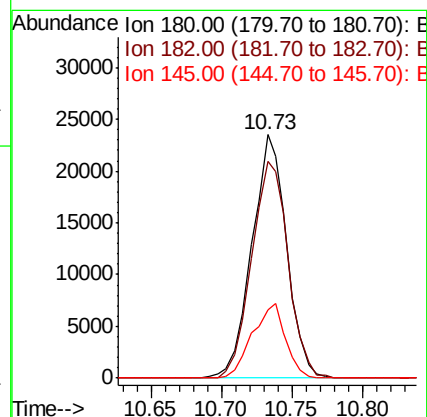
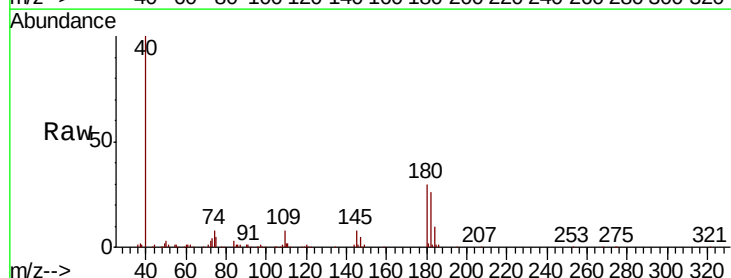
Instrument :
BNA_G
ClientSampleId :

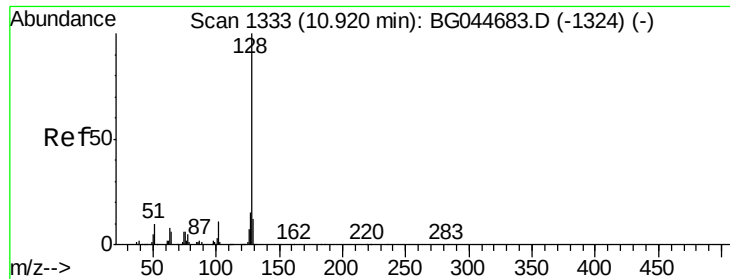
Tot Ion	162	Resp	32963
Ion Ratio	Lower	Upper	
162	100		
164	68.5	46.1	86.1
98	41.4	22.8	62.8



#30
1,2,4-Trichlorobenzene
Concen: 7.146 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion	180	Resp	40563
Ion Ratio	Lower	Upper	
180	100		
182	88.8	75.1	112.7
145	27.9	23.8	35.8

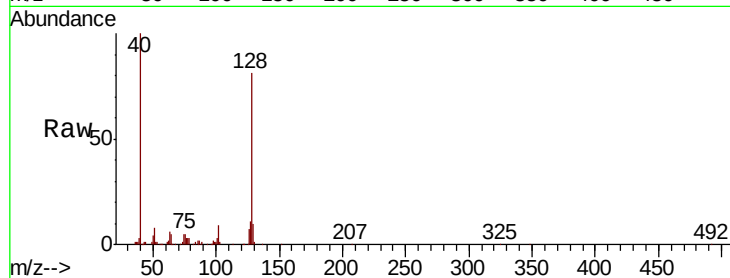




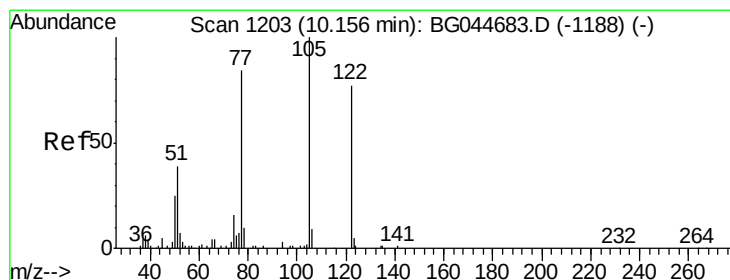
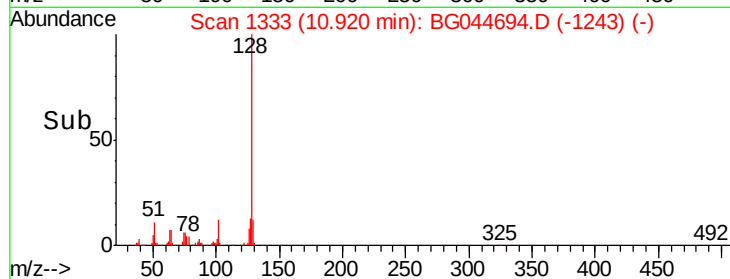
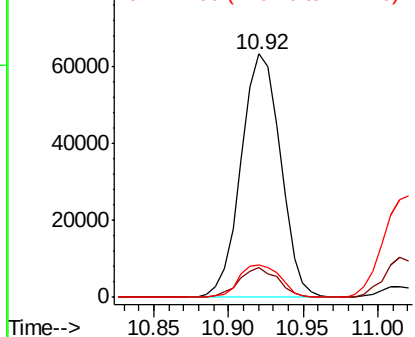
#31
Naphthalene
Concen: 7.309 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 115942
Ion Ratio Lower Upper
128 100
129 12.3 9.7 14.5
127 13.2 11.6 17.4

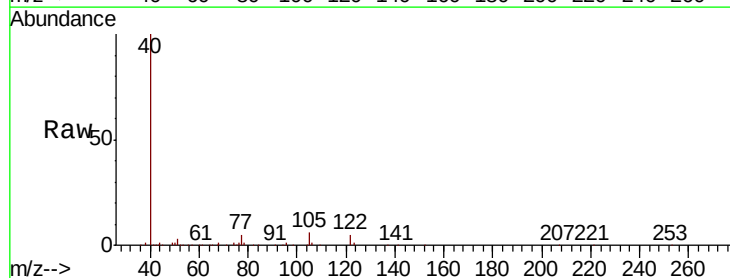


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

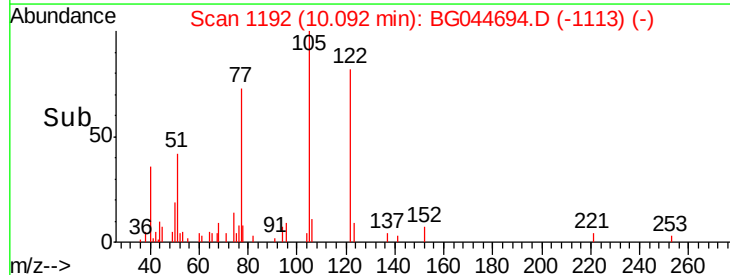
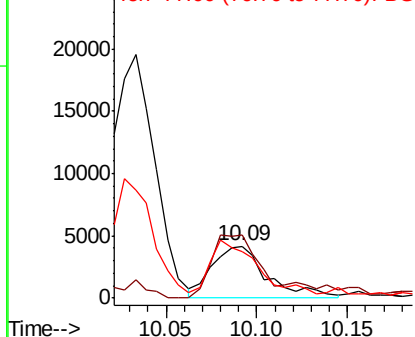


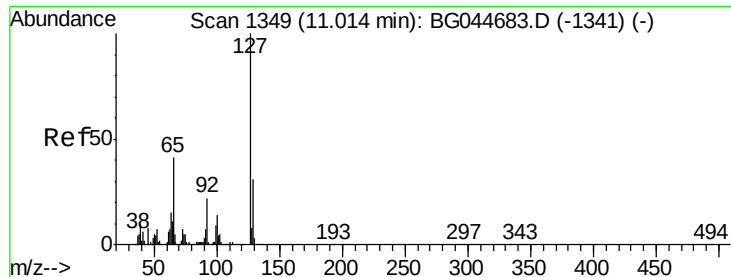
#32
Benzoic acid
Concen: 2.961 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.06 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion:122 Resp: 8919
Ion Ratio Lower Upper
122 100
105 121.5 105.1 145.1
77 88.4 87.7 127.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

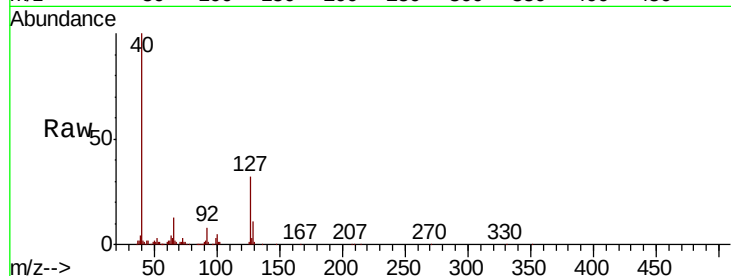




#33
4-Chloroaniline
Concen: 6.855 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	50081
Ion Ratio	Lower	Upper
127	100	
129	35.5	25.0 37.4
65	39.7	32.7 49.1
92	25.7	17.3 25.9



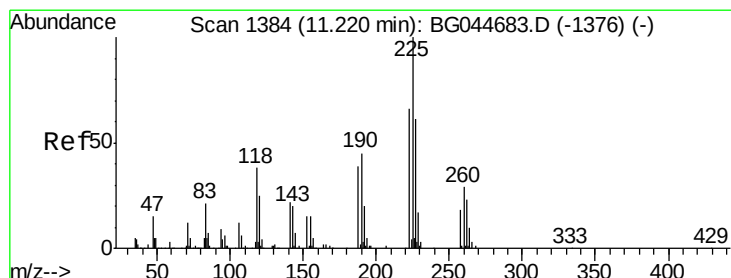
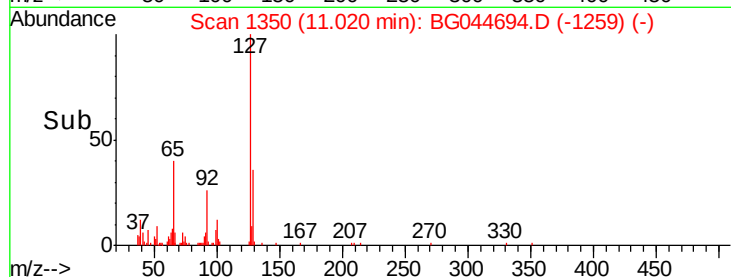
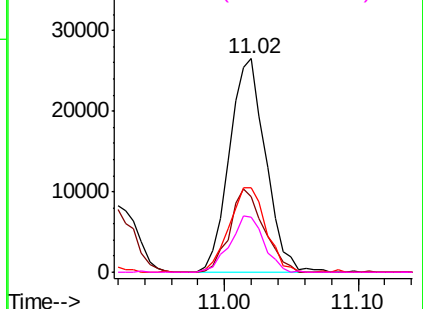
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

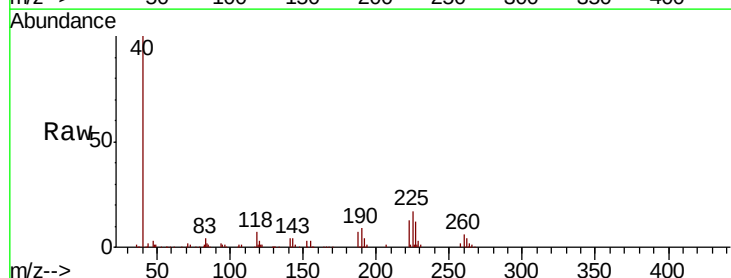
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 6.542 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion:225	Resp:	25372
Ion Ratio	Lower	Upper
225	100	
223	75.2	52.4 78.6
227	68.6	48.7 73.1

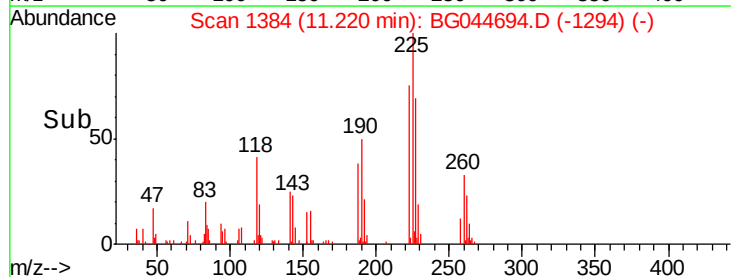
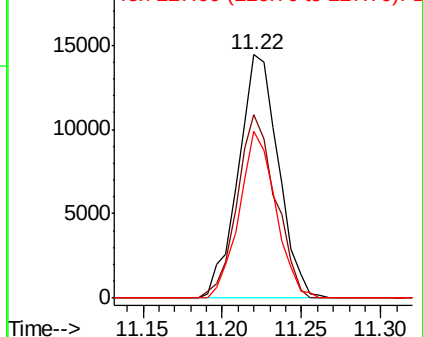


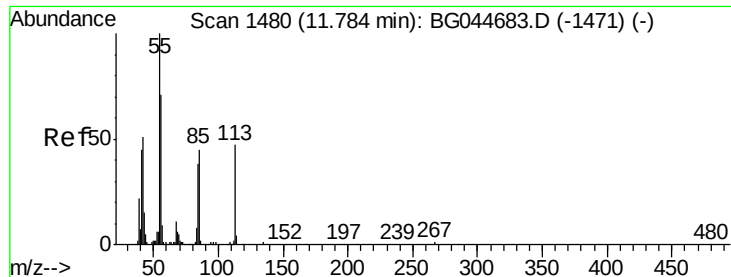
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.758 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

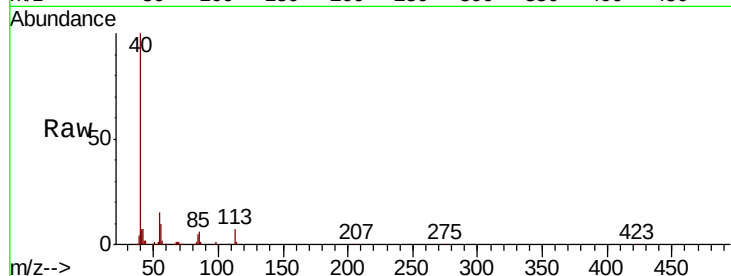
Tot Ion:113 Resp: 13787

Ion Ratio Lower Upper

113 100

55 204.3 194.3 234.3

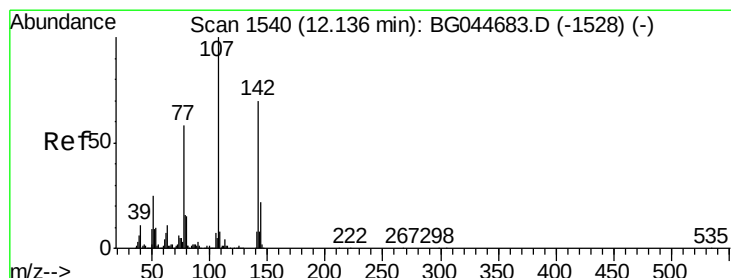
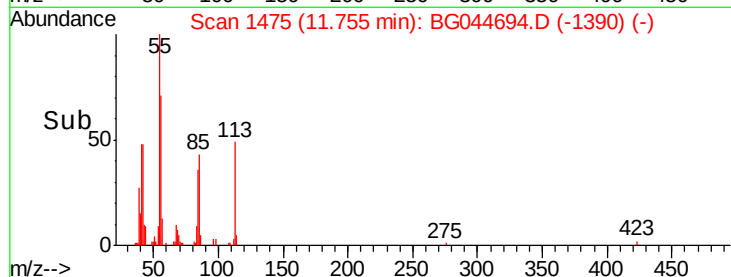
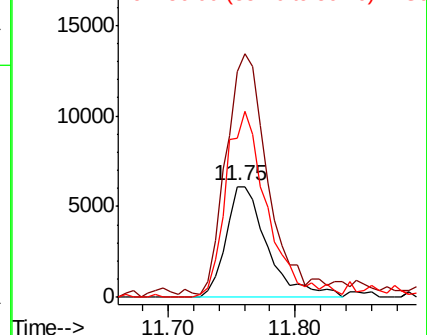
56 144.4 131.4 171.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 6.792 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

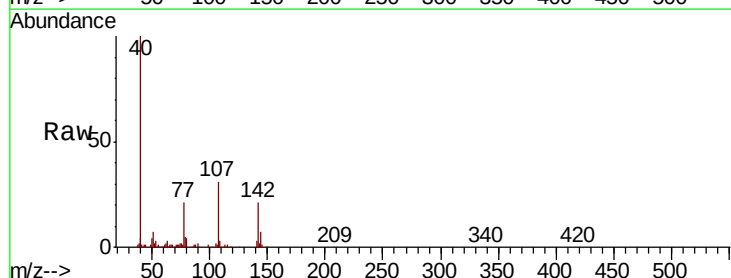
Tgt Ion:107 Resp: 42033

Ion Ratio Lower Upper

107 100

144 22.9 17.9 26.9

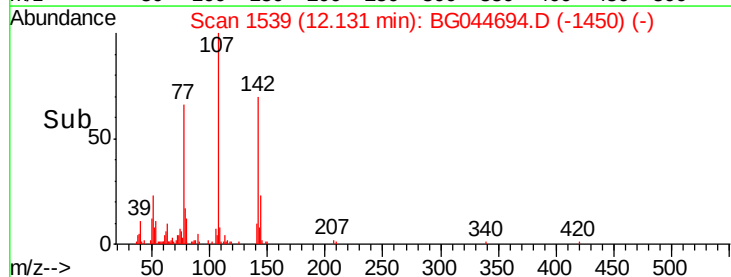
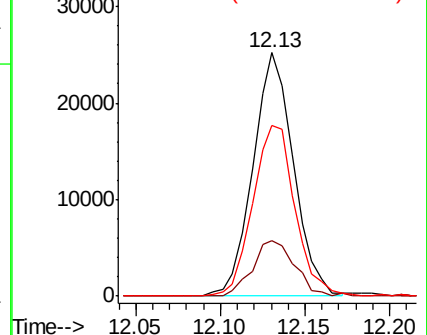
142 69.9 55.8 83.8

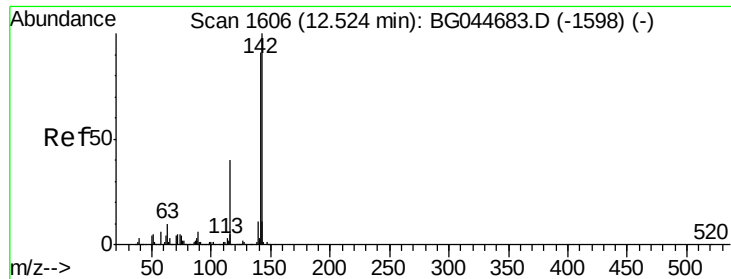


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

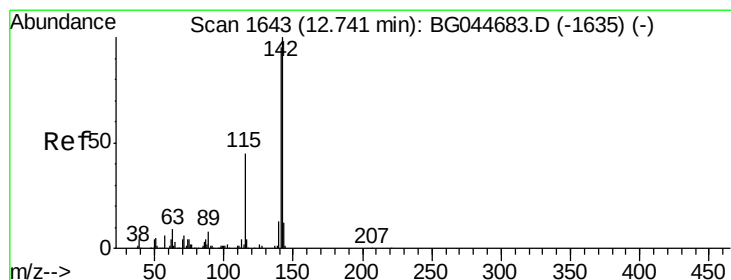
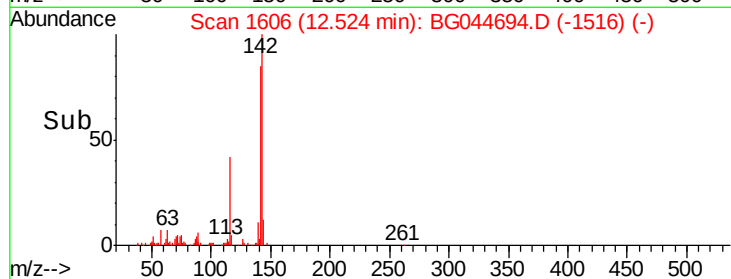
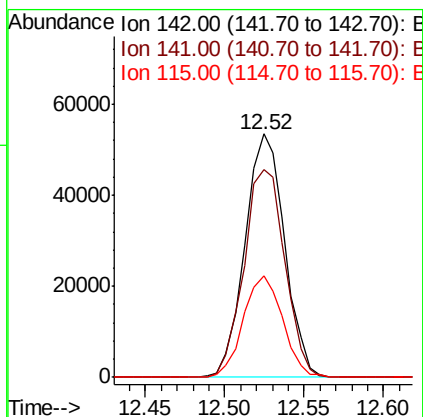
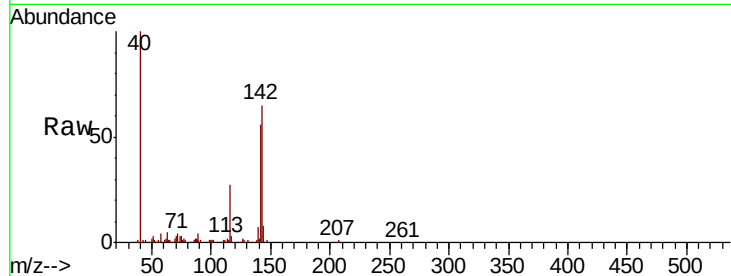




#37
2-Methylnaphthalene
Concen: 7.757 ng
RT: 12.52 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

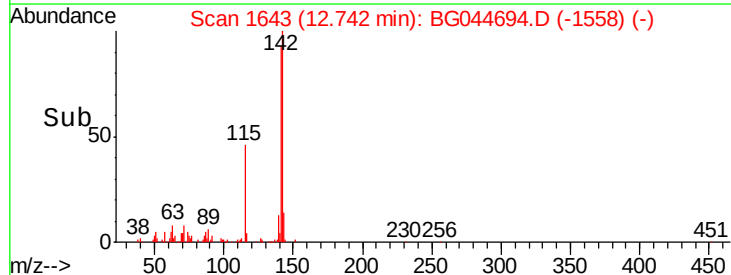
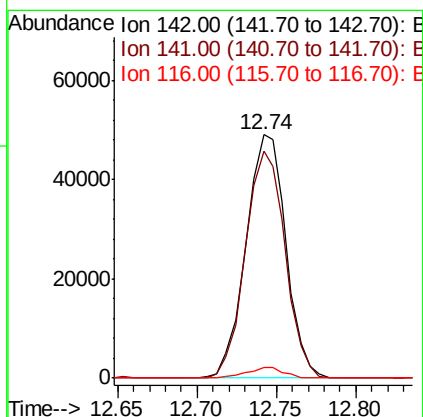
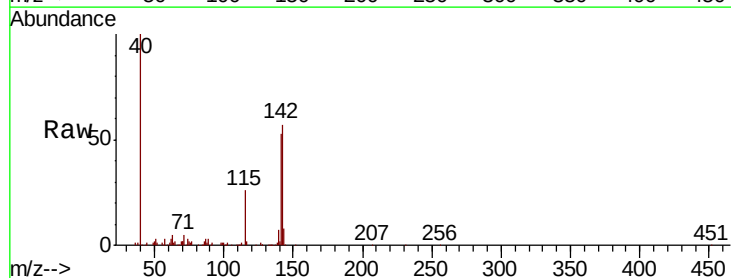
Instrument :
BNA_G
ClientSampleId :

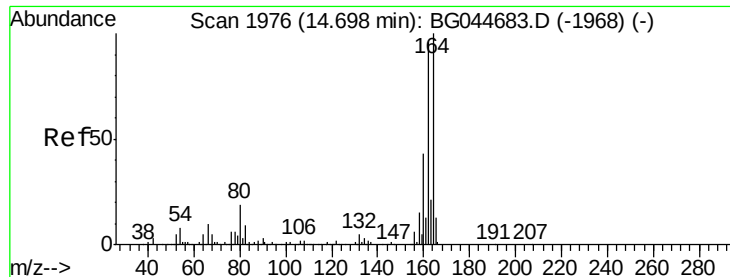
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	72.9	109.3
115	41.7	32.3	48.5



#38
1-Methylnaphthalene
Concen: 7.586 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	76.2	114.2
116	4.3	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

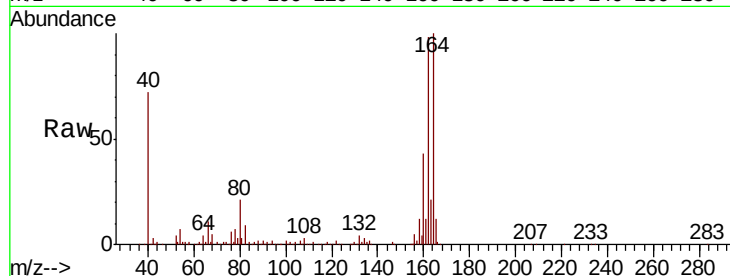
Tot Ion:164 Resp: 197795

Ion Ratio Lower Upper

164 100

162 98.0 76.5 114.7

160 42.8 34.8 52.2

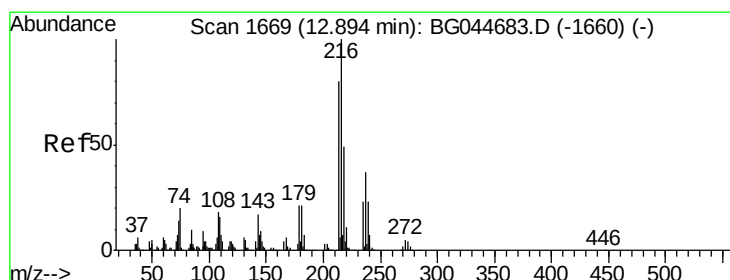
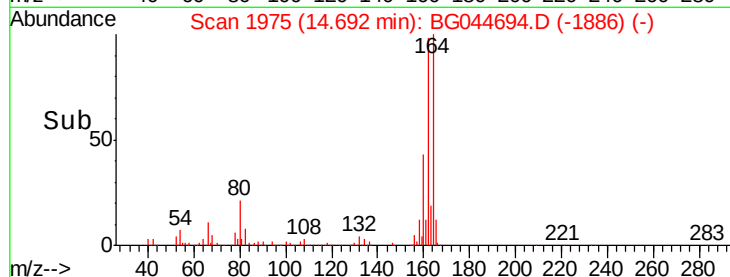
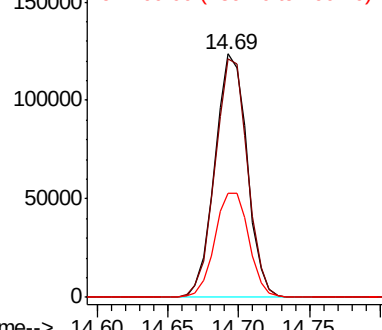


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.894 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Tgt Ion:216 Resp: 50686

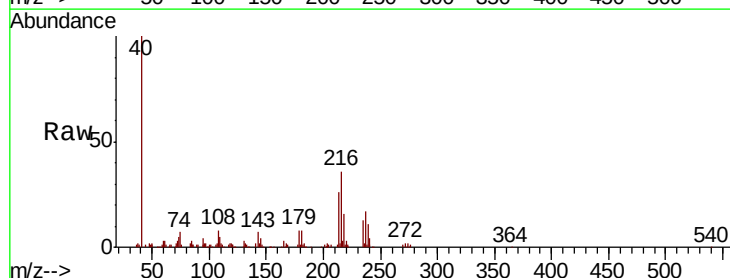
Ion Ratio Lower Upper

216 100

214 76.8 64.5 96.7

179 21.0 16.7 25.1

108 19.2 15.8 23.6



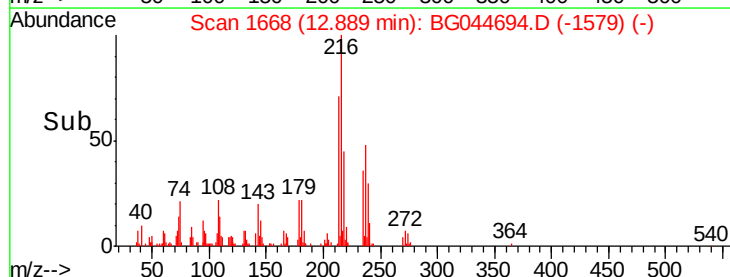
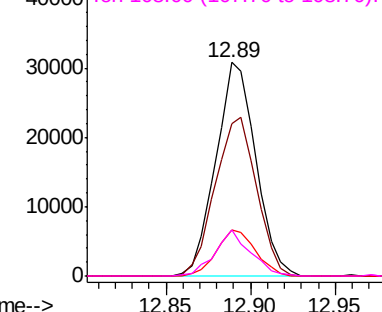
Abundance

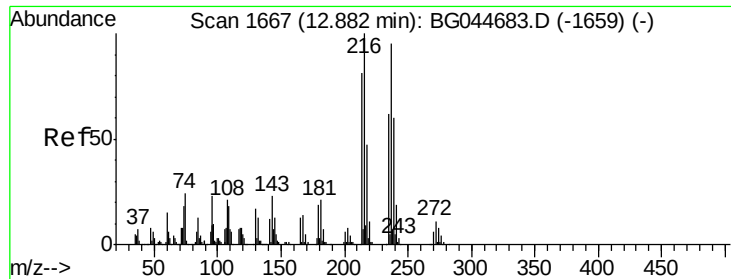
Ion 216.00 (215.70 to 216.70): E

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: 7.873 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampled :

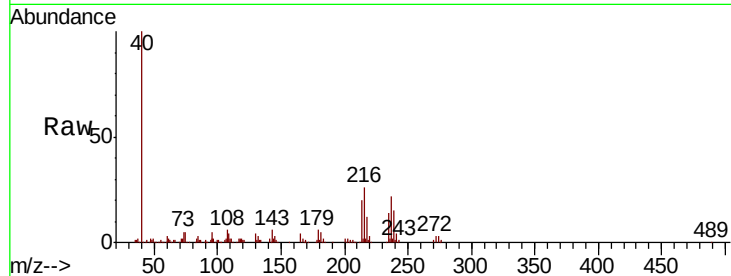
Tot Ion:237 Resp: 29563

Ion Ratio Lower Upper

237 100

235 60.8 44.7 84.7

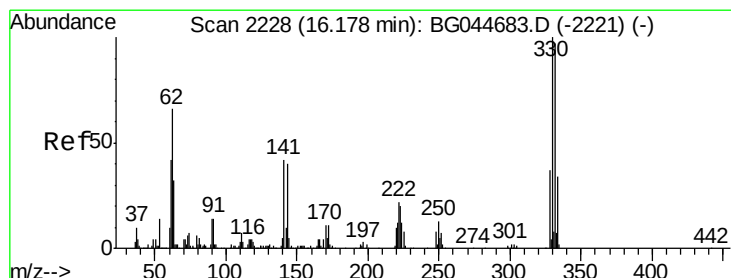
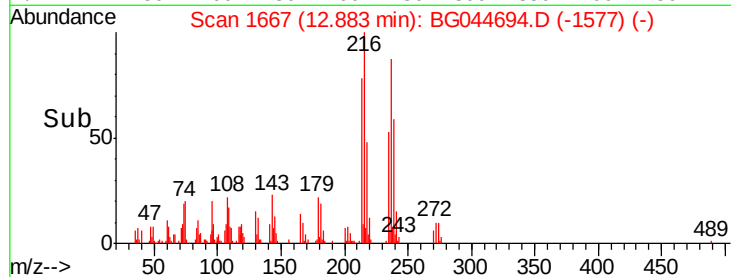
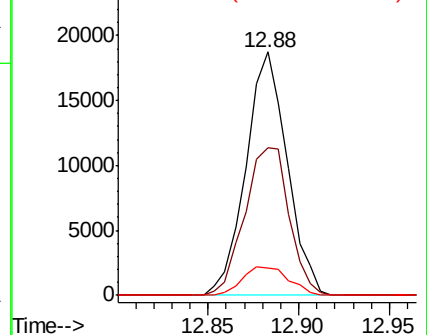
272 11.2 0.0 31.7



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: 152.427 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

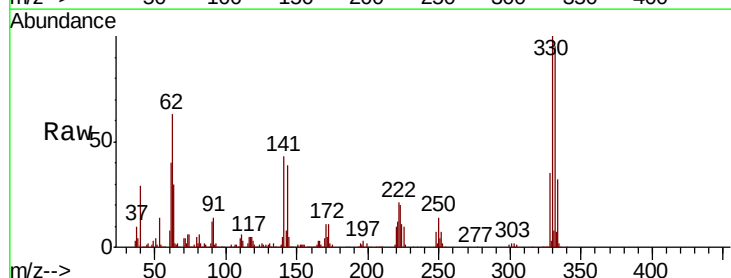
Tgt Ion:330 Resp: 414148

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

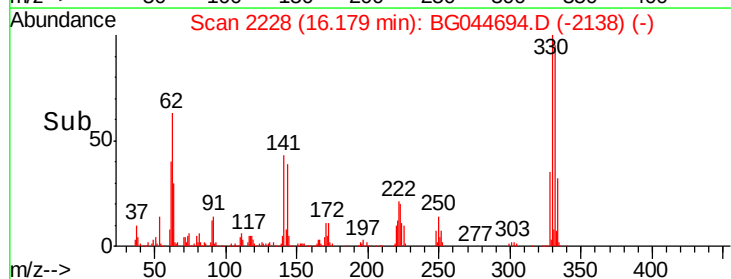
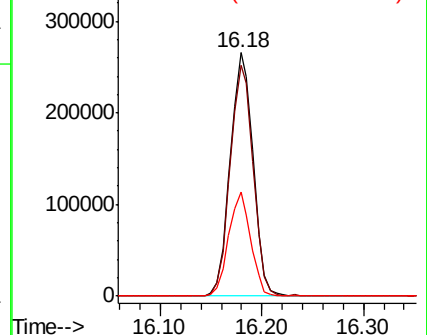
141 41.3 32.4 48.6

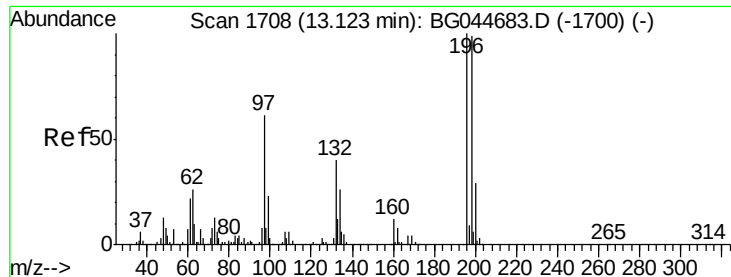


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

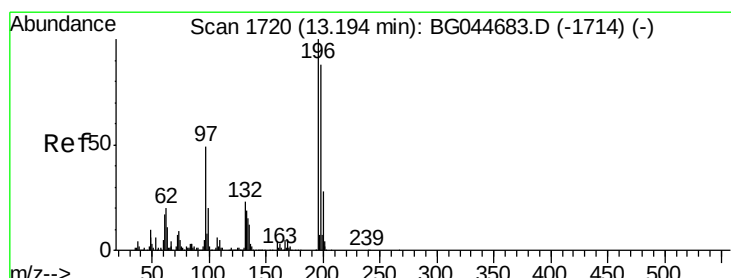
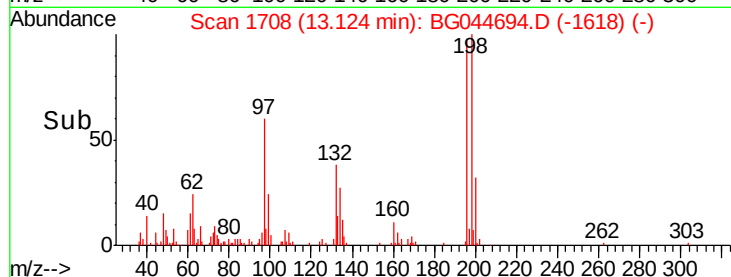
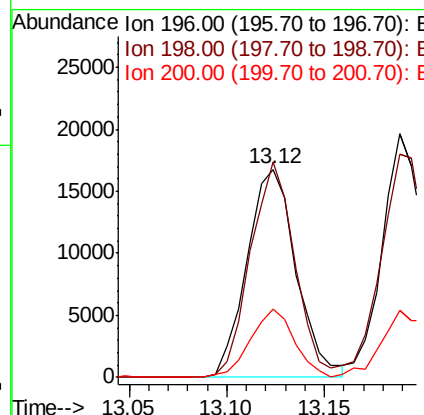
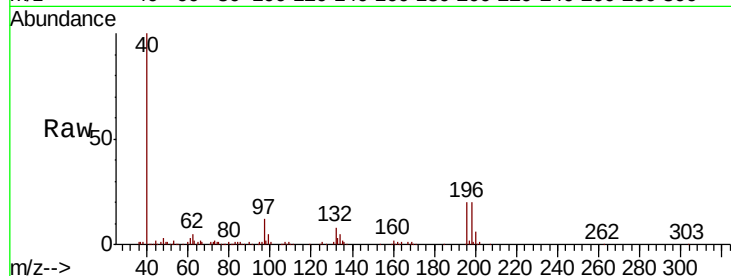




#43
 2,4,6-Trichlorophenol
 Concen: 6.575 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

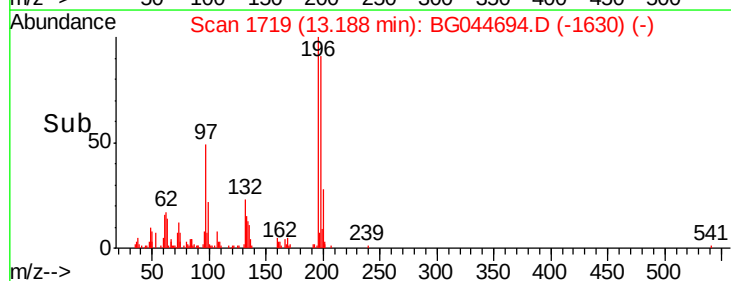
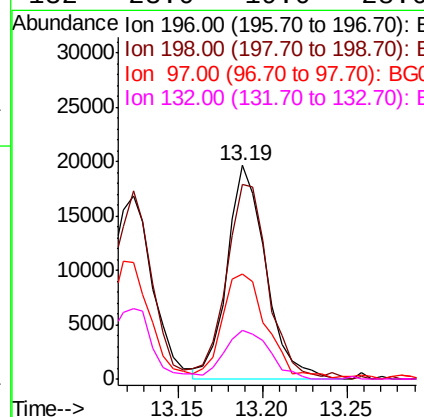
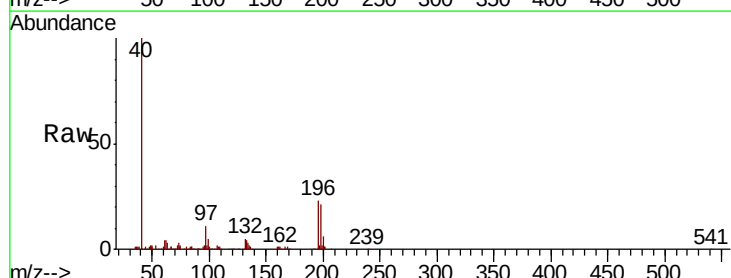
Instrument :
 BNA_G
 ClientSampleId :

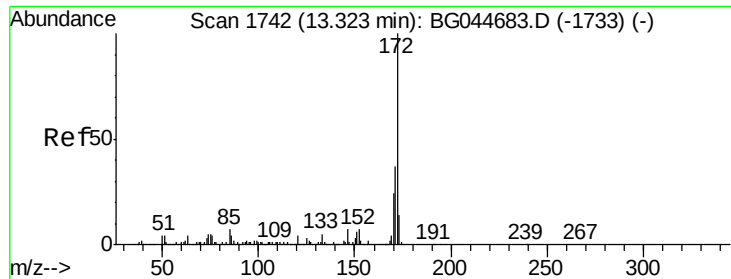
Tot Ion:196 Resp: 29269
 Ion Ratio Lower Upper
 196 100
 198 103.3 79.3 118.9
 200 32.8 23.0 34.6



#44
 2,4,5-Trichlorophenol
 Concen: 6.855 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

Tgt Ion:196 Resp: 31293
 Ion Ratio Lower Upper
 196 100
 198 91.4 70.7 106.1
 97 49.4 39.4 59.2
 132 23.0 19.0 28.6



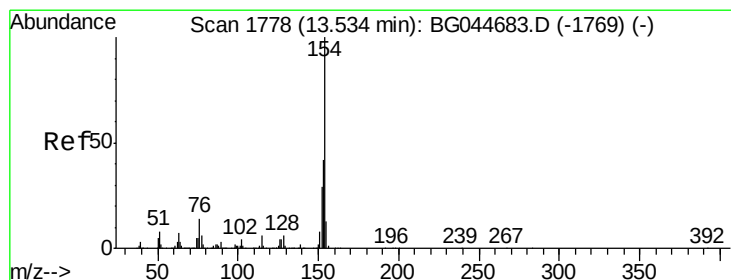
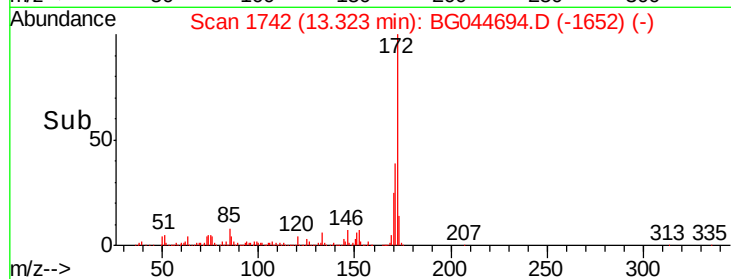
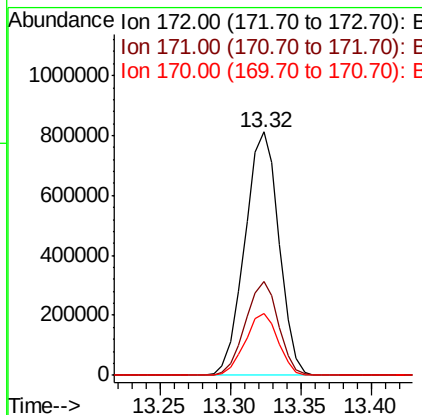
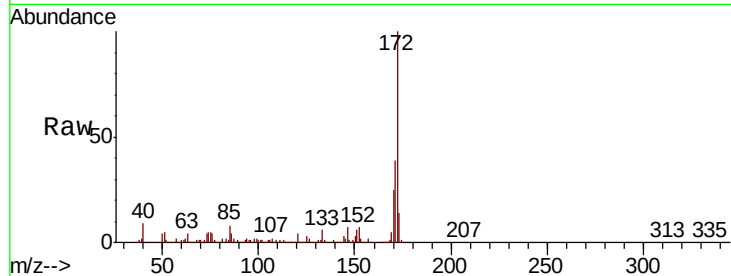


#45
2-Fluorobiphenyl
Concen: 96.784 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1374239

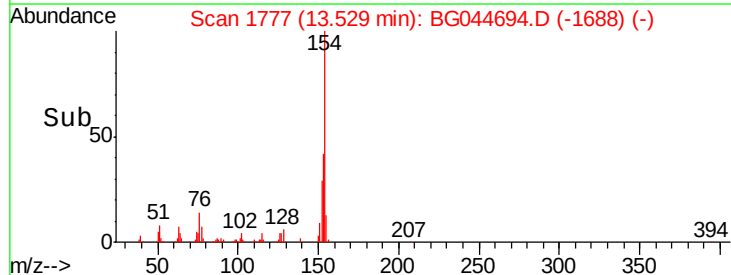
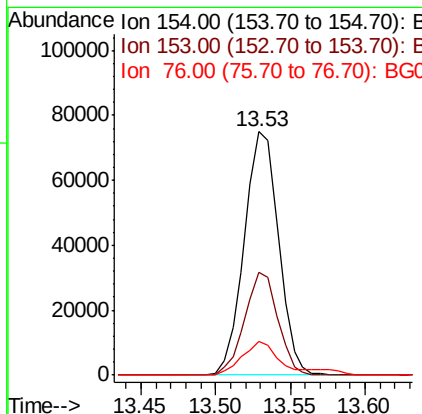
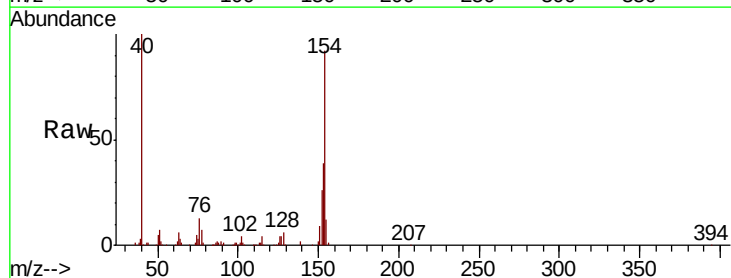
Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.8	44.8
170	25.2	19.3	28.9

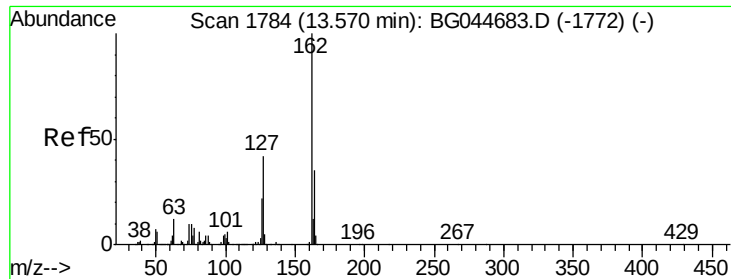


#46
1,1'-Biphenyl
Concen: 7.584 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion:154 Resp: 119313

Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	13.8	0.0	34.5

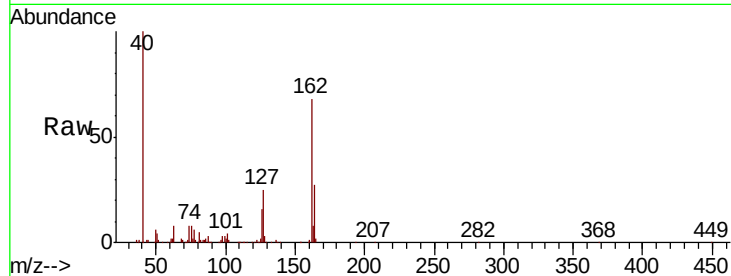




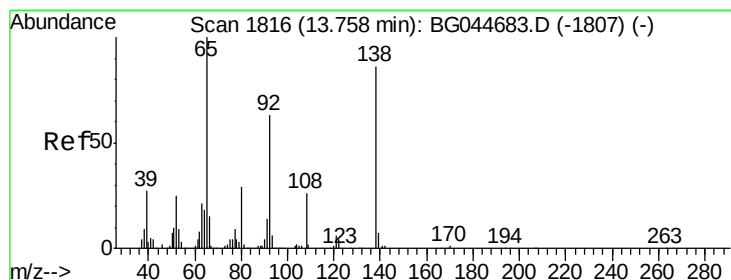
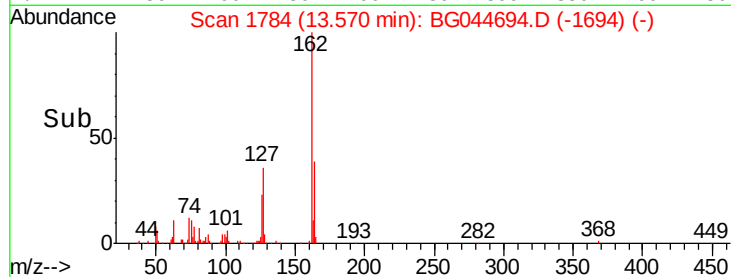
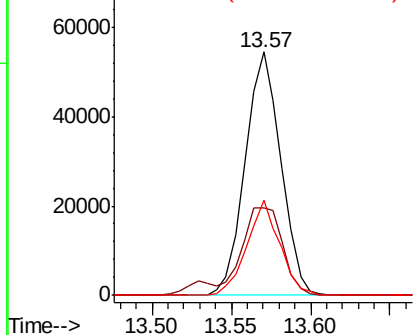
#47
2-Chloronaphthalene
Concen: 7.084 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	33.9	50.9
164	39.0	28.3	42.5

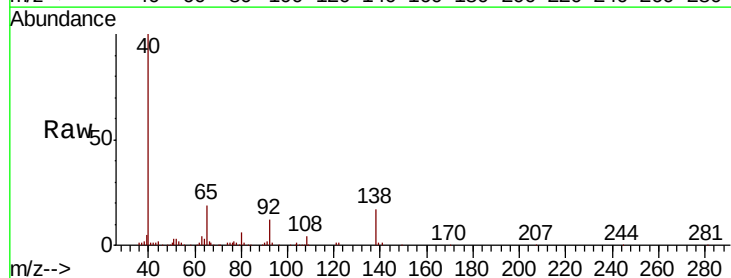


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

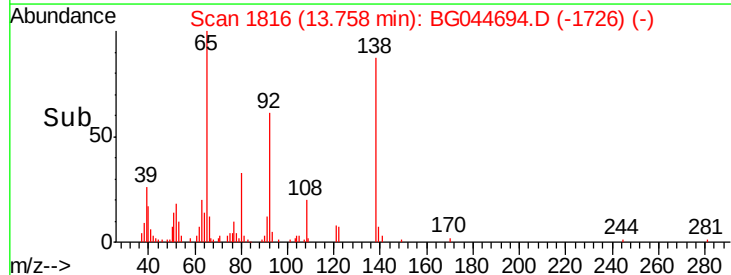
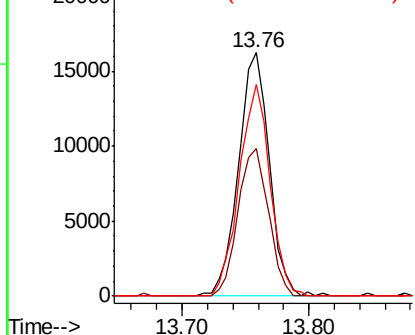


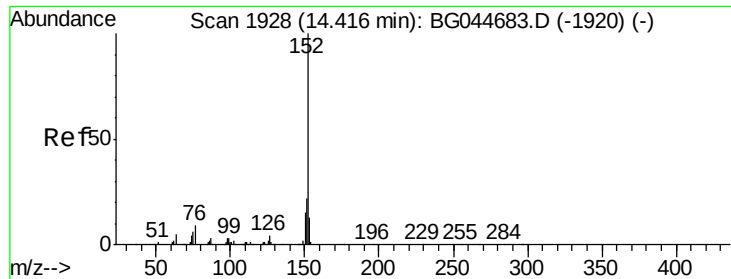
#48
2-Nitroaniline
Concen: 6.766 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.6	50.6	75.8
138	87.1	68.8	103.2



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: 7.792 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampled :

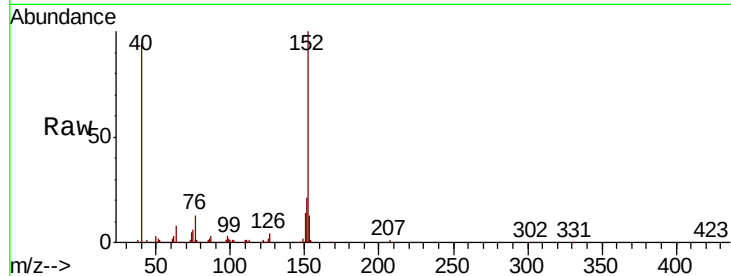
Tot Ion:152 Resp: 149812

Ion Ratio Lower Upper

152 100

151 20.7 17.6 26.4

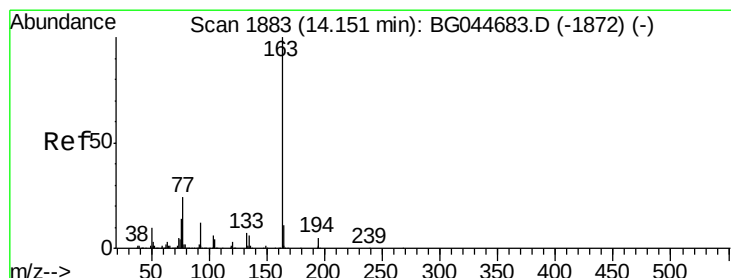
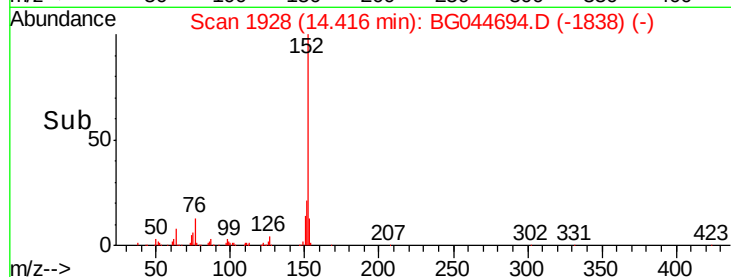
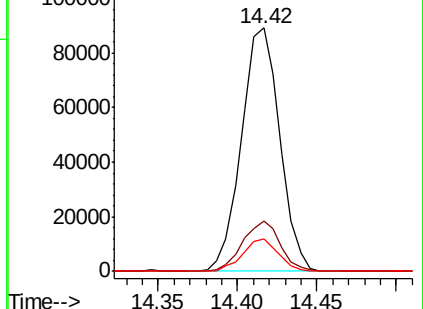
153 13.3 10.7 16.1



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: 7.384 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

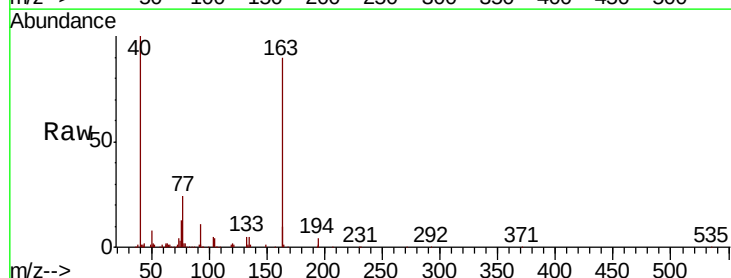
Tgt Ion:163 Resp: 121422

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

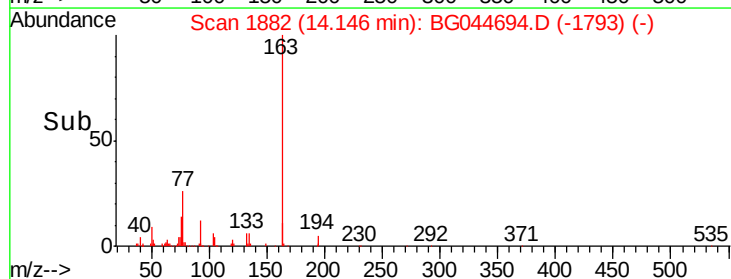
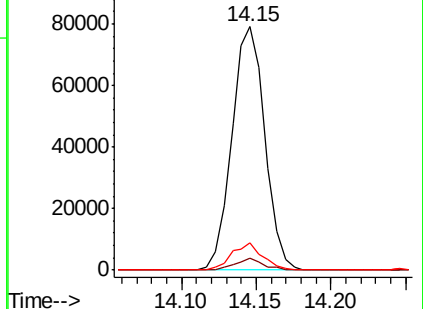
164 11.3 8.6 12.8

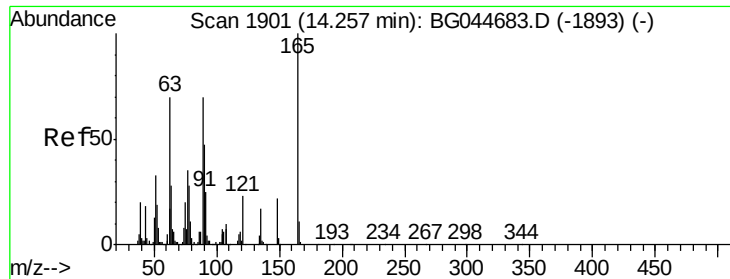


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.330 ng

RT: 14.26 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

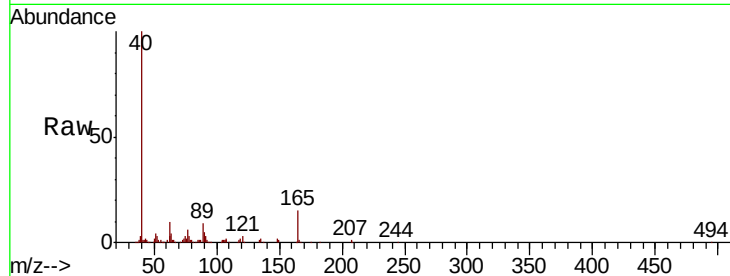
Tot Ion:165 Resp: 21659

Ion Ratio Lower Upper

165 100

63 62.4 57.4 86.0

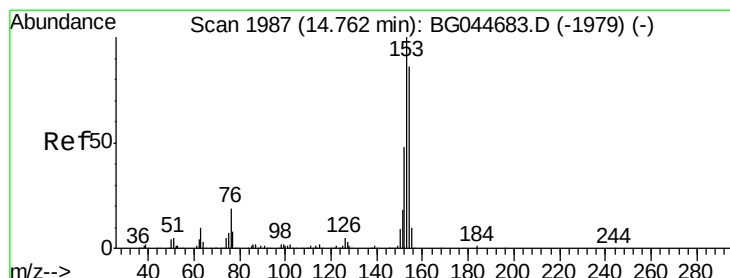
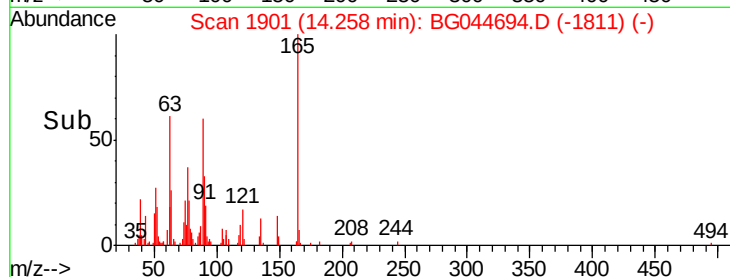
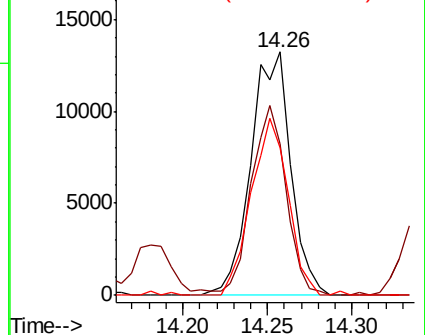
89 60.4 56.2 84.2



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



#52

Acenaphthene

Concen: 7.209 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

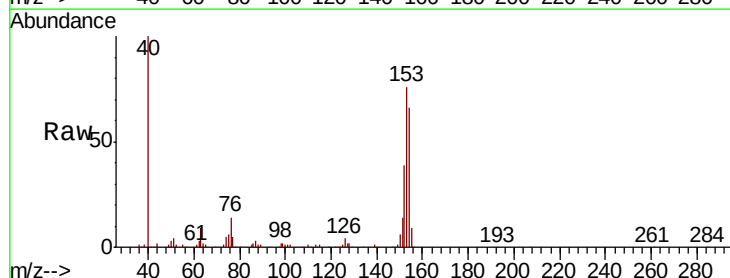
Tgt Ion:154 Resp: 89619

Ion Ratio Lower Upper

154 100

153 115.0 92.6 138.8

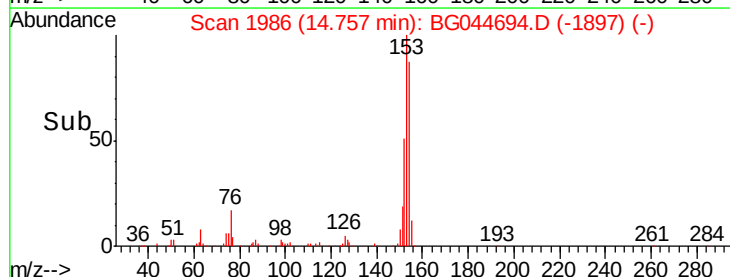
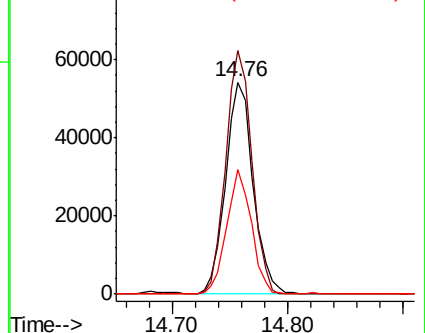
152 58.7 44.2 66.4

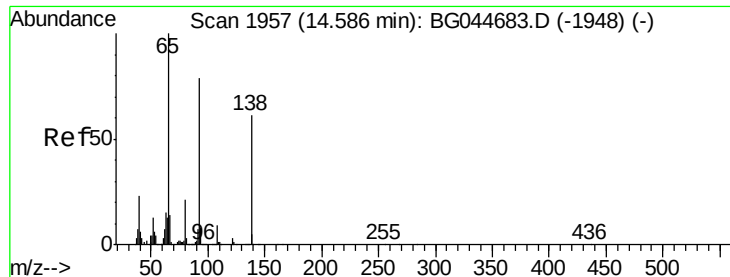


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

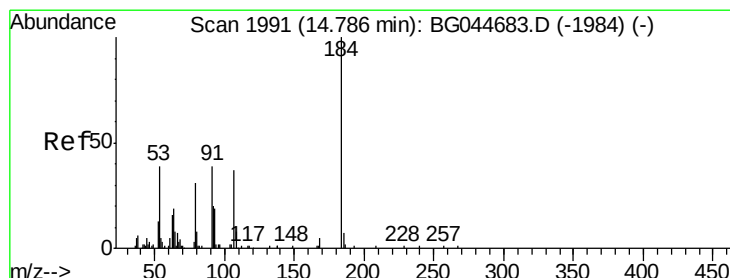
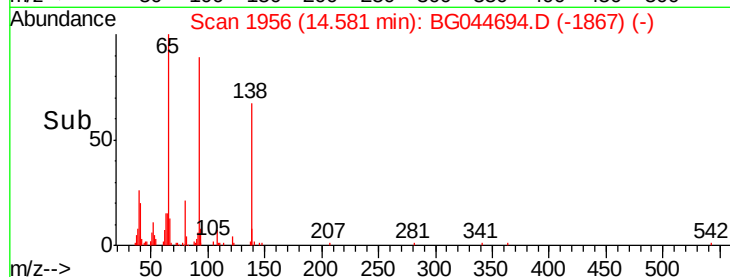
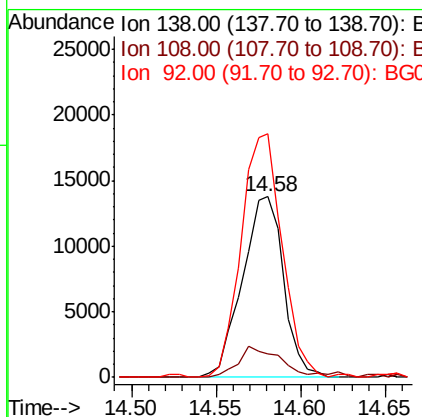
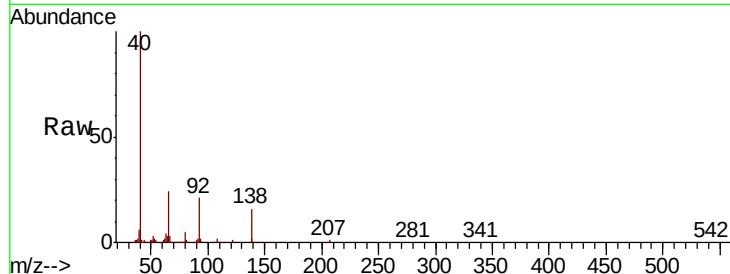




#53
3-Nitroaniline
Concen: 6.845 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

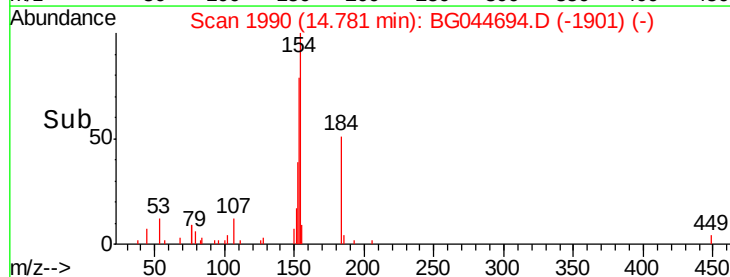
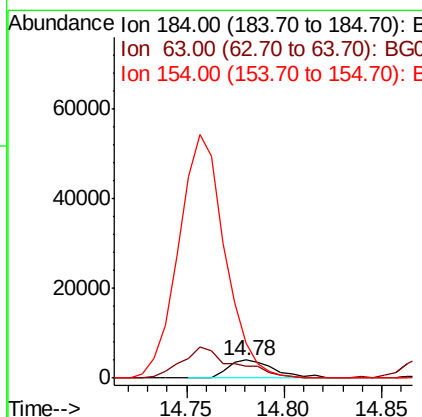
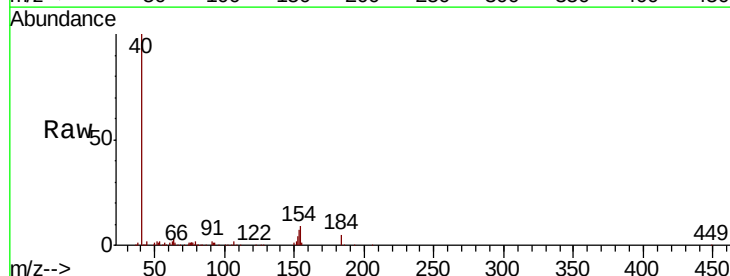
Instrument :
BNA_G
ClientSampled :

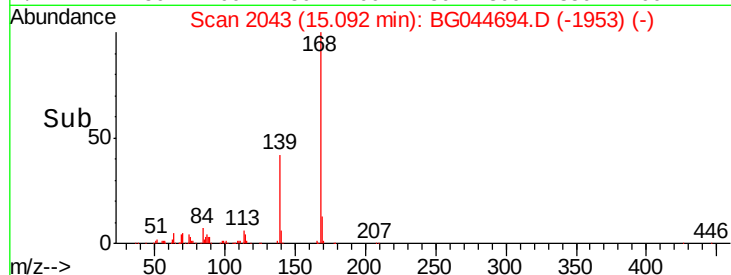
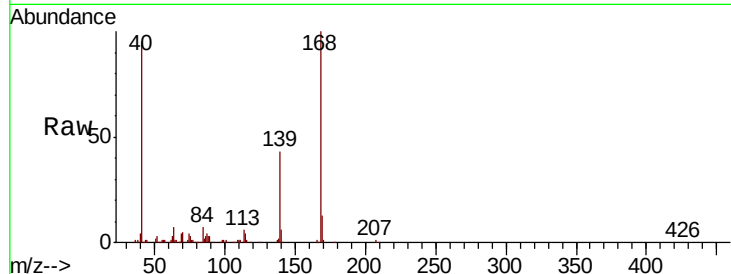
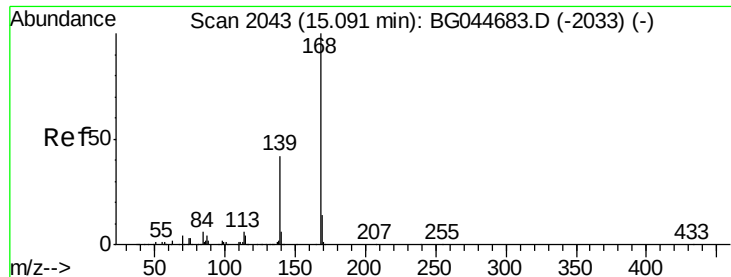
Tot Ion:138 Resp: 23307
Ion Ratio Lower Upper
138 100
108 13.2 12.2 18.4
92 134.8 105.1 157.7



#54
2,4-Dinitrophenol
Concen: 4.897 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion:184 Resp: 6718
Ion Ratio Lower Upper
184 100
63 65.8 42.4 63.6#
154 194.9 75.0 112.4#

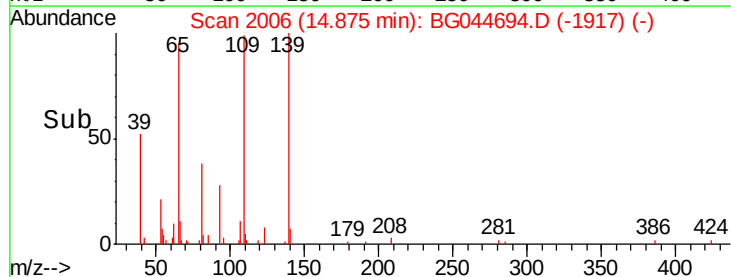
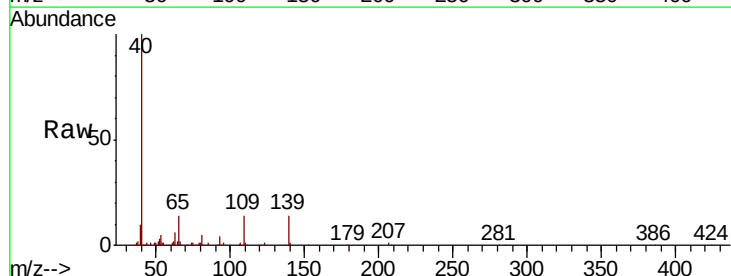
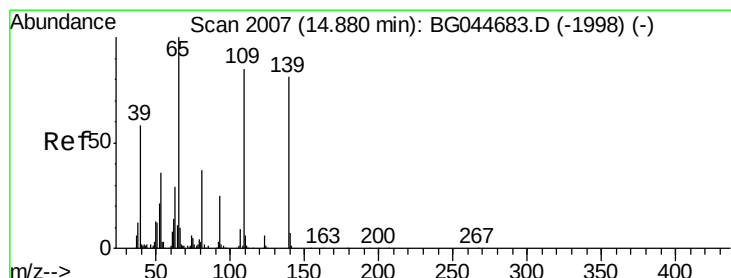
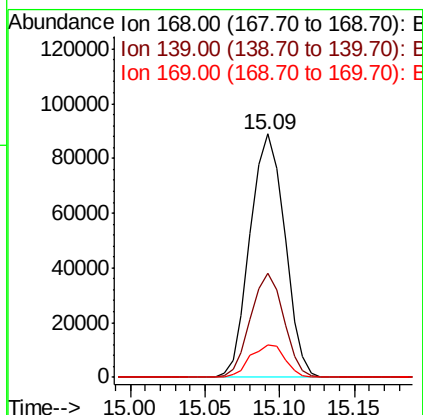




#55
Dibenzofuran
Concen: 7.702 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

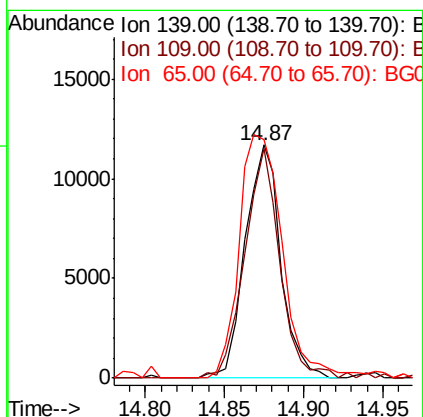
Instrument :
BNA_G
ClientSampleId :

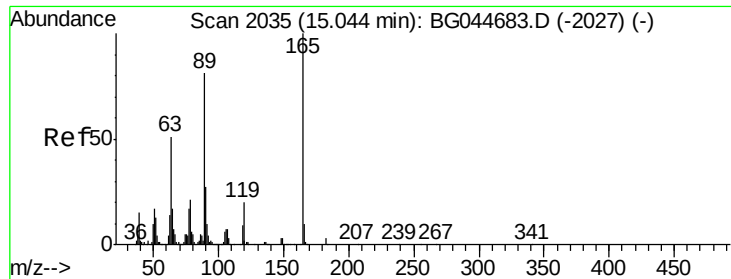
Tot Ion:168 Resp: 143469
Ion Ratio Lower Upper
168 100
139 42.7 33.8 50.6
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 6.863 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion:139 Resp: 18182
Ion Ratio Lower Upper
139 100
109 98.6 86.0 126.0
65 102.4 104.5 144.5#

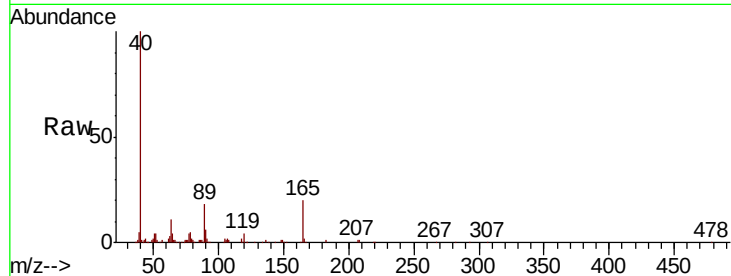




#57
2,4-Dinitrotoluene
Concen: 6.713 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.9	40.6	61.0
89	89.0	65.0	97.6
182	4.1	2.4	3.6



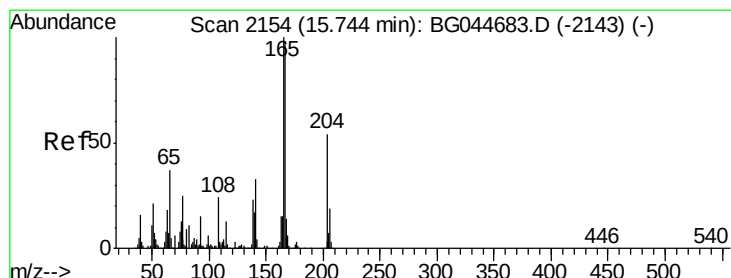
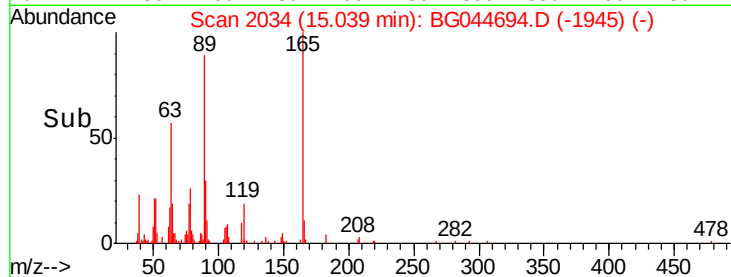
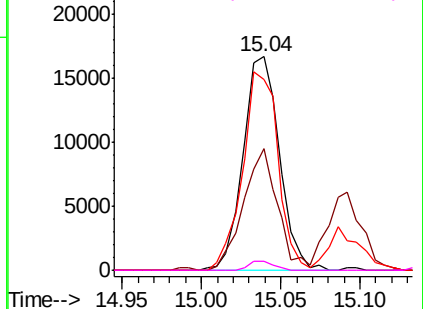
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

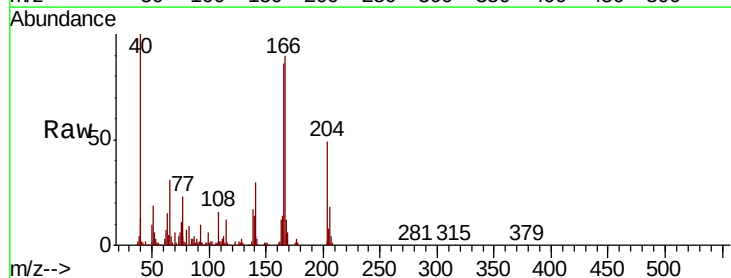
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 7.804 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	81.3	121.9
167	13.7	11.0	16.6

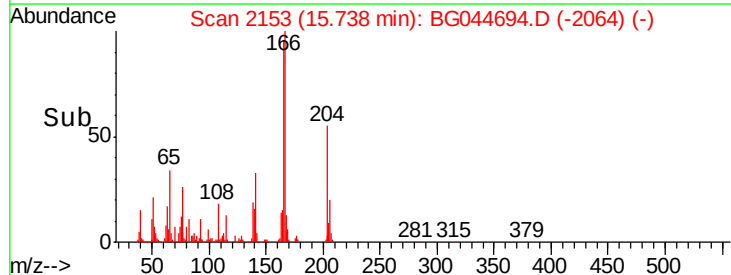
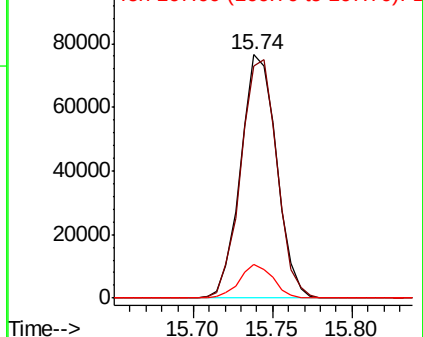


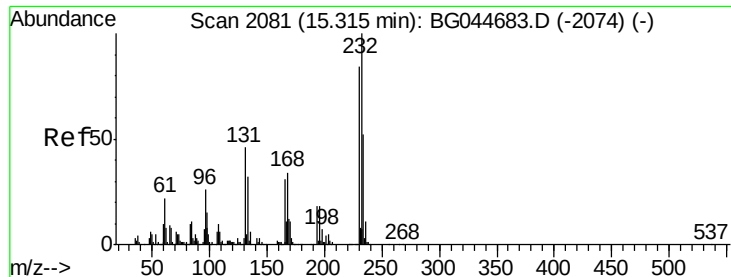
Abundance

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

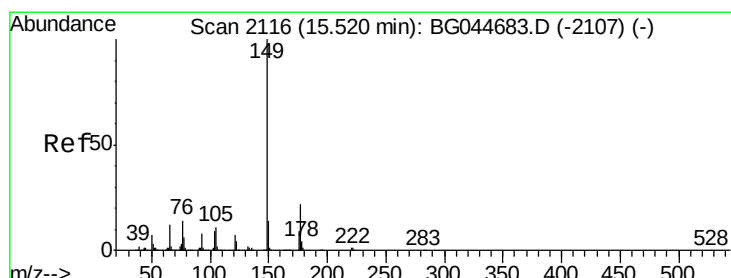
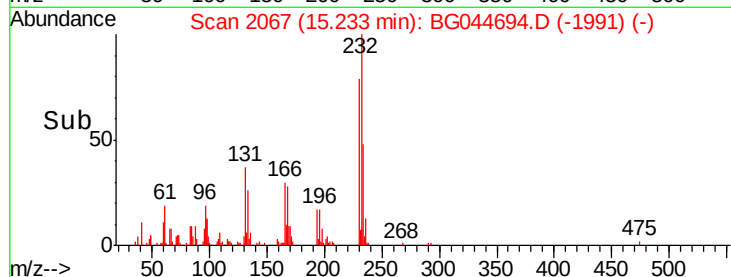
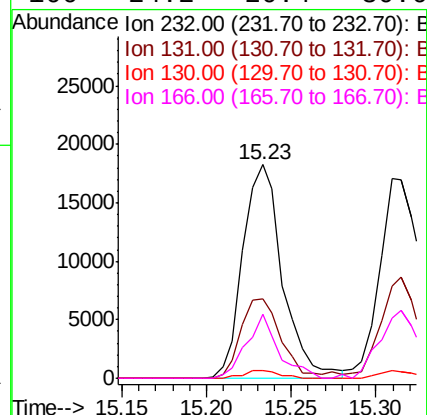
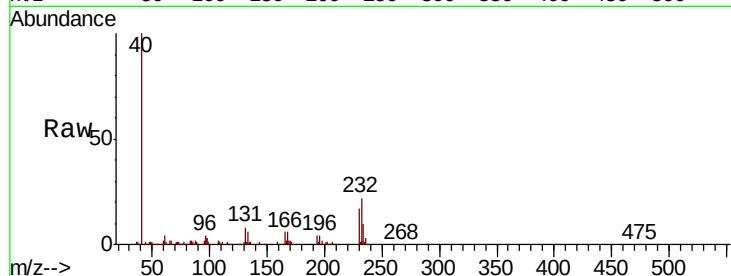




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.875 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.08 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

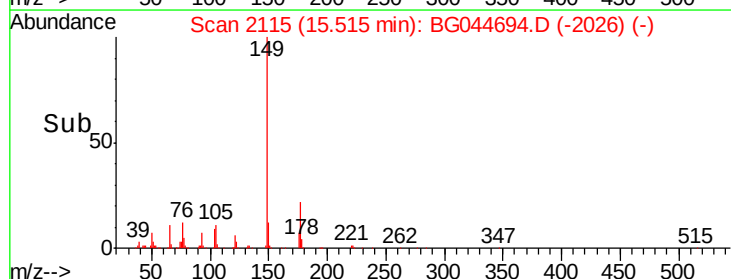
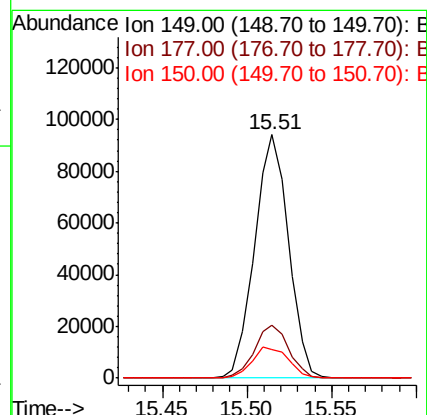
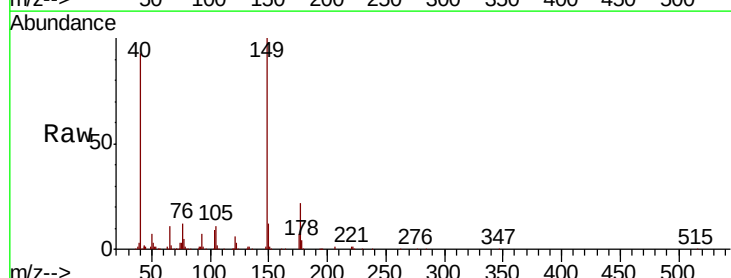
Instrument :
 BNA_G
 ClientSampleId :

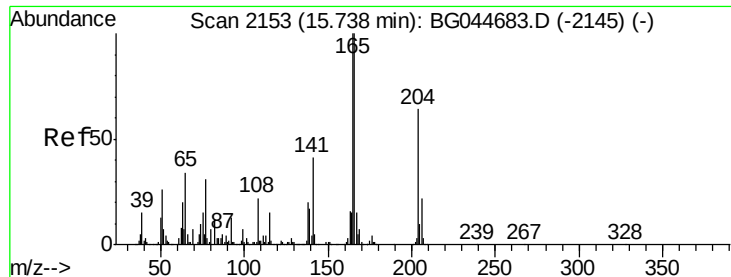
Tot Ion:	232	Resp:	29872
Ion	Ratio	Lower	Upper
232	100		
131	37.5	33.0	49.6
130	3.1	2.2	3.2
166	24.2	20.4	30.6



#60
 Diethylphthalate
 Concen: 7.484 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

Tgt Ion:	149	Resp:	131580
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	11.7	10.8	16.2

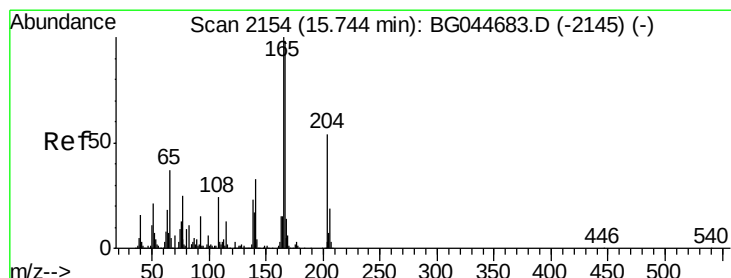
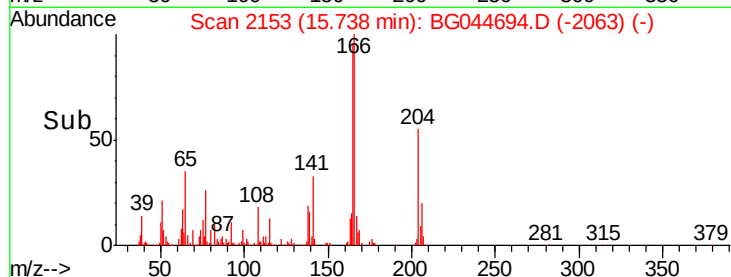
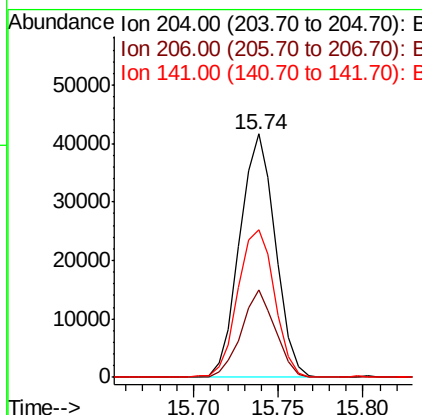
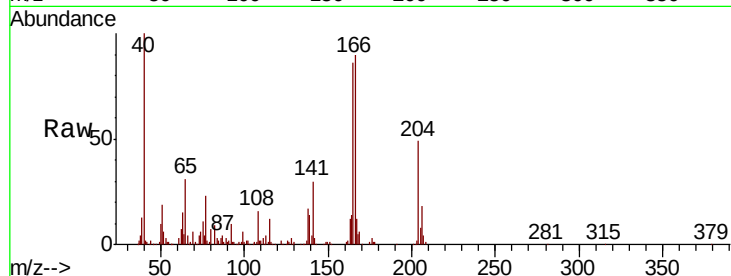




#61
4-Chlorophenyl-phenylether
Concen: 7.307 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

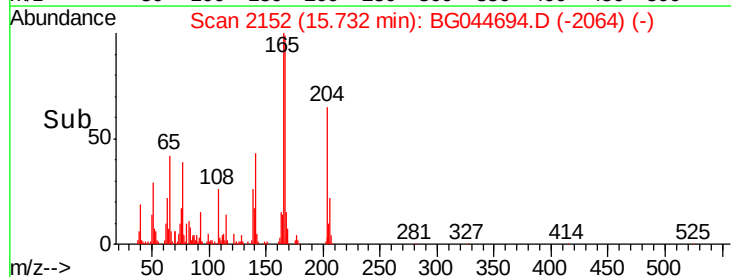
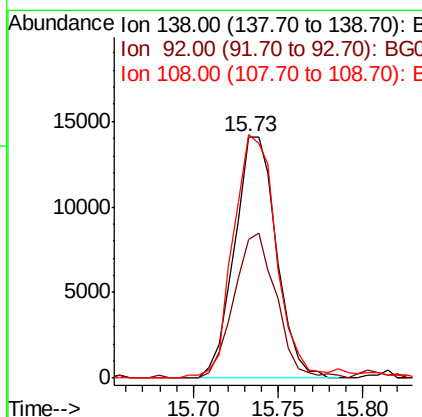
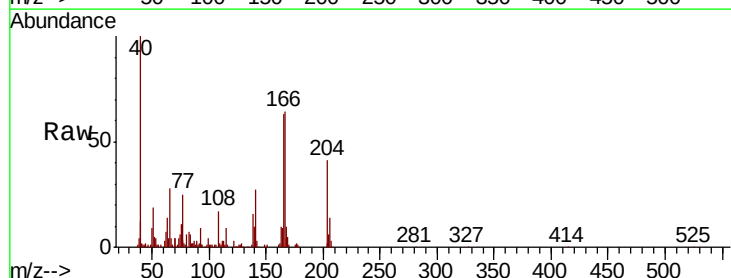
Instrument :
BNA_G
ClientSampleId :

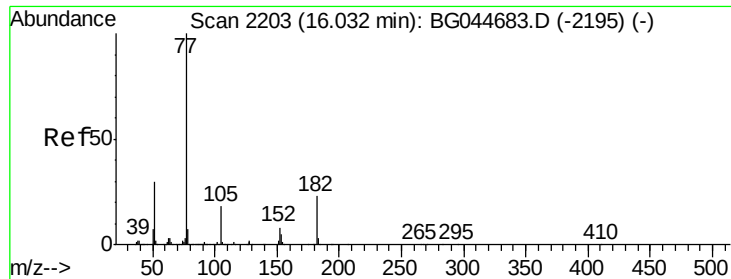
Tot Ion:204 Resp: 61086
Ion Ratio Lower Upper
204 100
206 36.0 27.7 41.5
141 60.4 51.0 76.4



#62
4-Nitroaniline
Concen: 6.488 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion:138 Resp: 24334
Ion Ratio Lower Upper
138 100
92 57.4 43.1 83.1
108 100.8 85.2 125.2

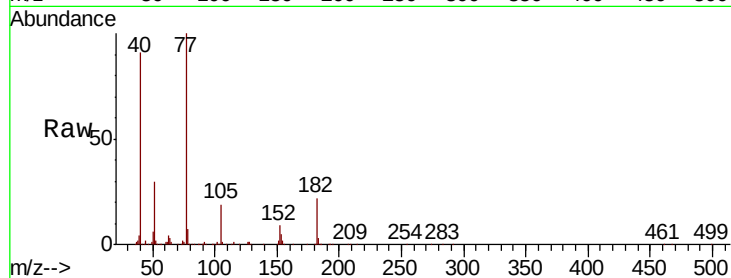




#63
Azobenzene
Concen: 7.817 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.1	2.7	42.7
105	19.0	0.0	38.1
51	30.1	10.3	50.3



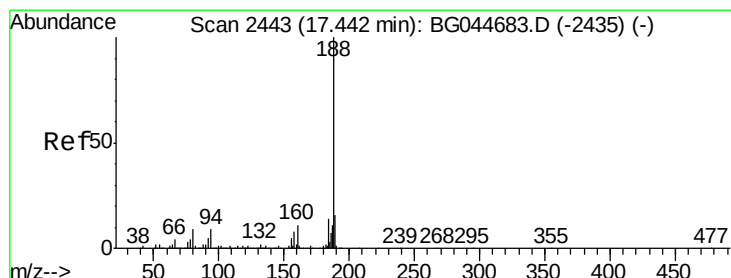
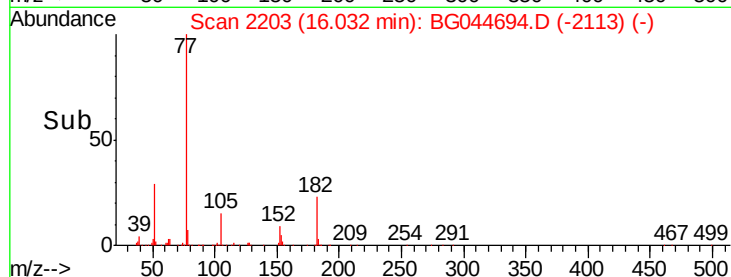
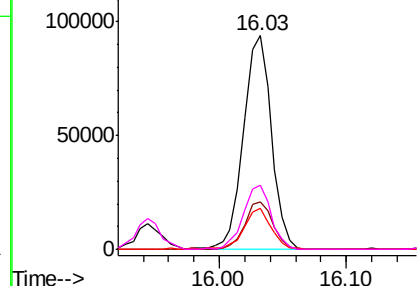
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

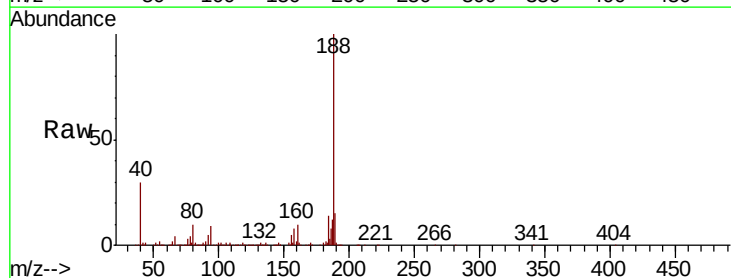
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.0
80	9.8	7.3	10.9

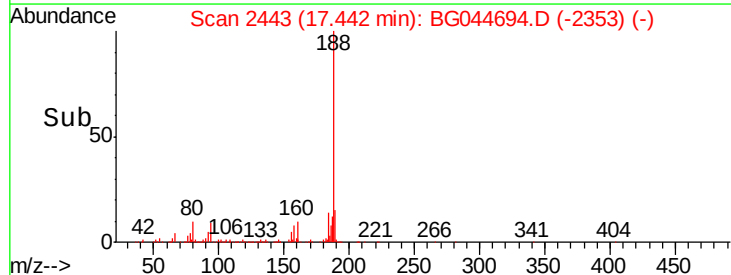
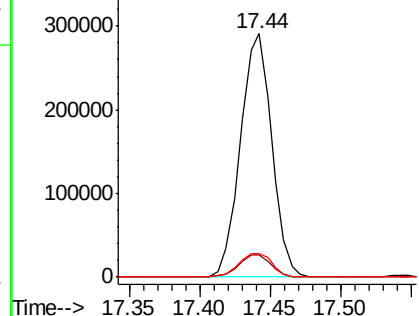


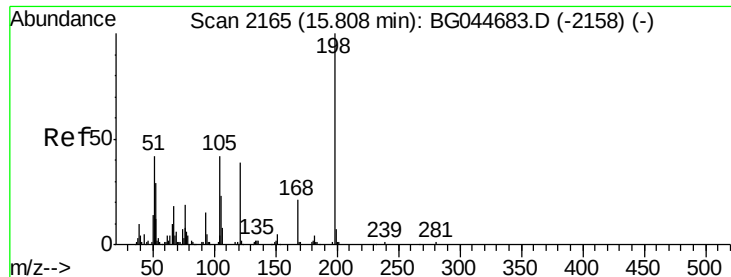
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

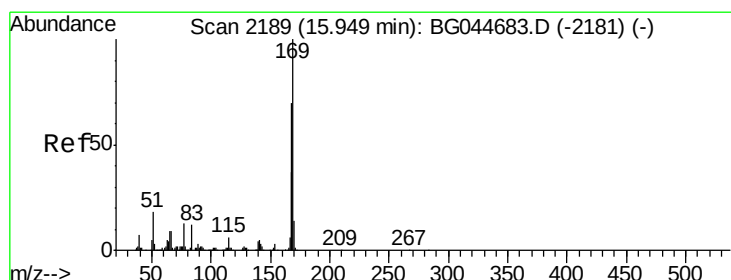
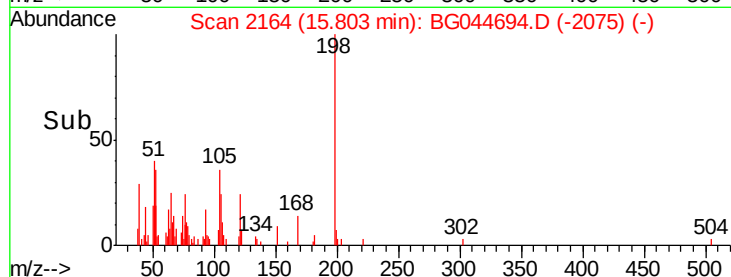
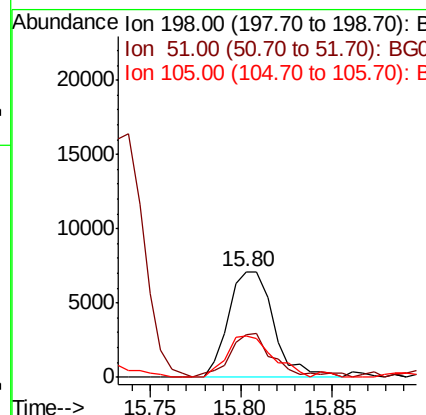
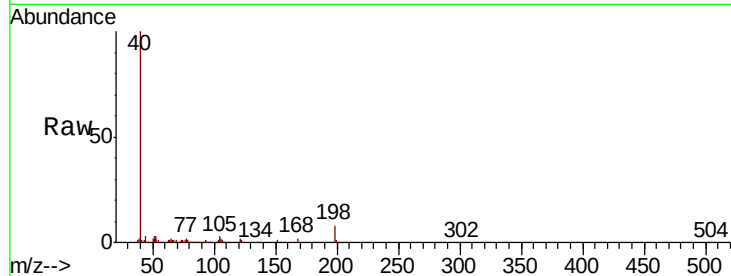




#65
4,6-Dinitro-2-methylphenol
Concen: 6.681 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

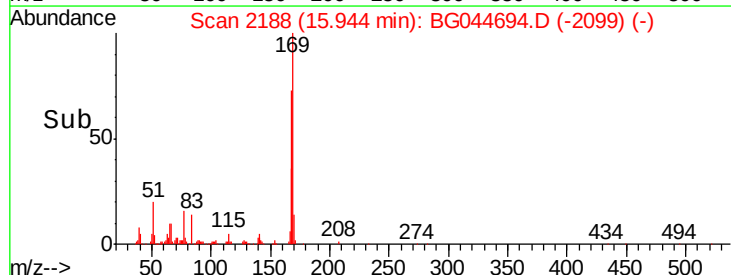
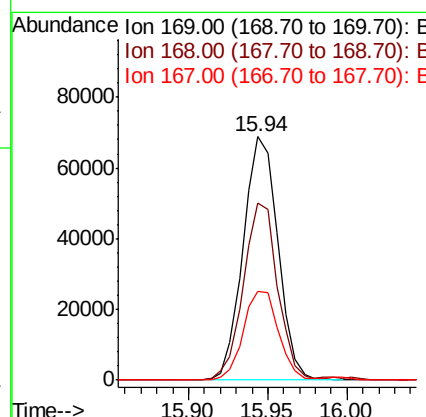
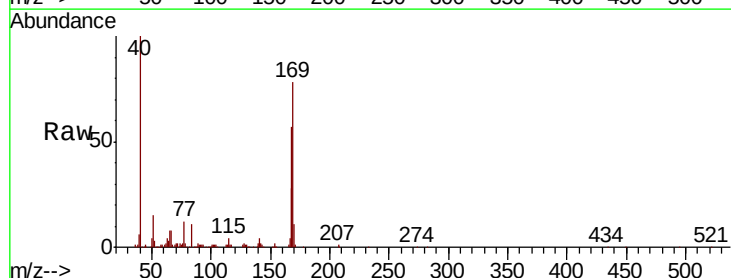
Instrument :
BNA_G
ClientSampled :

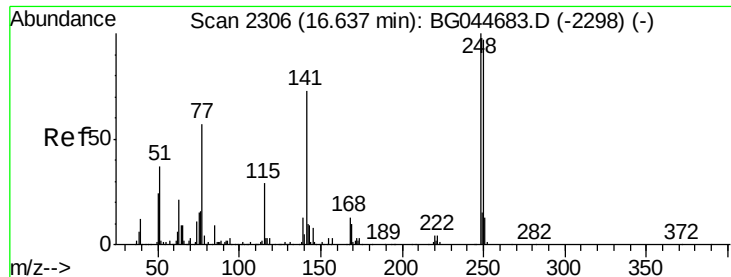
Tot Ion:198 Resp: 12307
Ion Ratio Lower Upper
198 100
51 39.7 27.1 67.1
105 38.9 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 7.598 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion:169 Resp: 104753
Ion Ratio Lower Upper
169 100
168 73.0 56.2 84.2
167 36.4 29.4 44.2

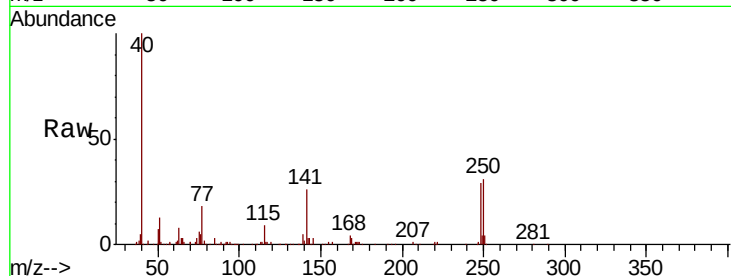




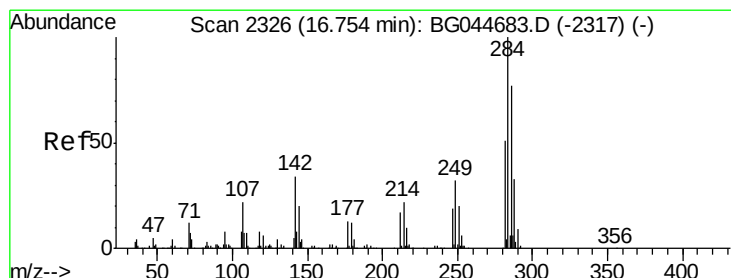
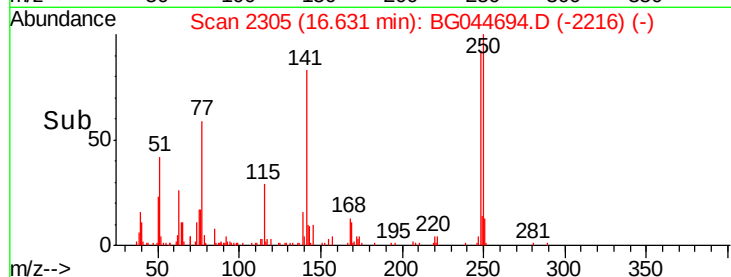
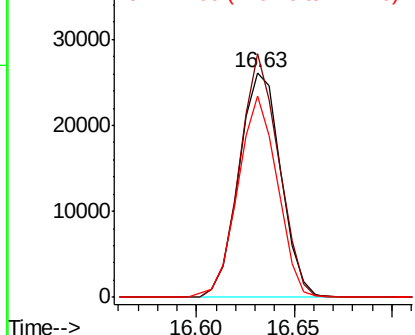
#67
4-Bromophenyl-phenylether
Concen: 6.826 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 38819
Ion Ratio Lower Upper
248 100
250 108.3 77.4 116.2
141 89.8 58.1 87.1#

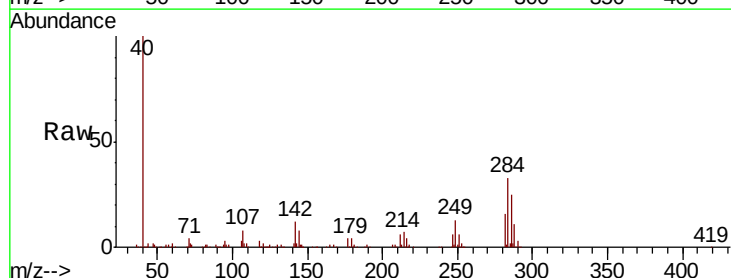


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

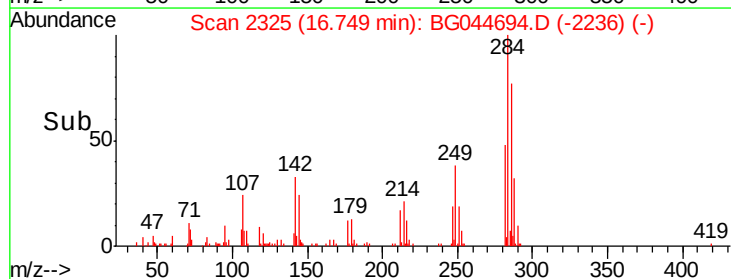
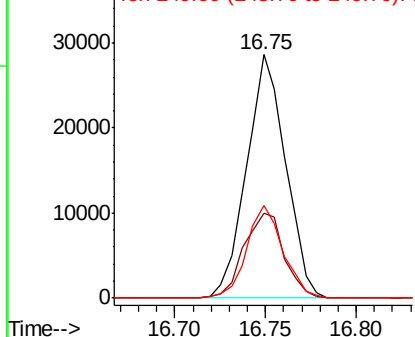


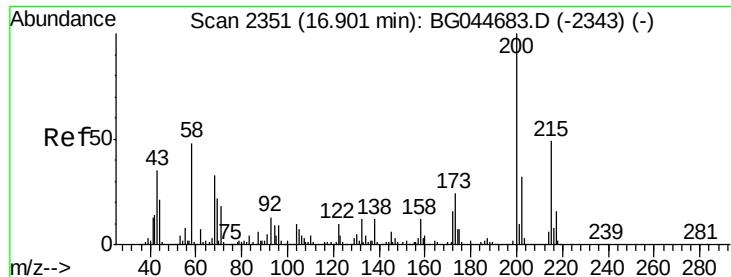
#68
Hexachlorobenzene
Concen: 6.954 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044694.D
Acq: 6 Mar 2020 12:38

Tgt Ion:284 Resp: 42704
Ion Ratio Lower Upper
284 100
142 34.9 27.2 40.8
249 38.1 25.7 38.5



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





#69

Atrazine

Concen: 8.999 ng

RT: 16.90 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampled :

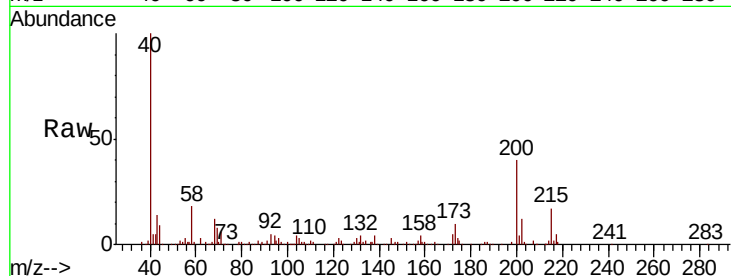
Tot Ion:200 Resp: 47945

Ion Ratio Lower Upper

200 100

173 24.5 4.0 44.0

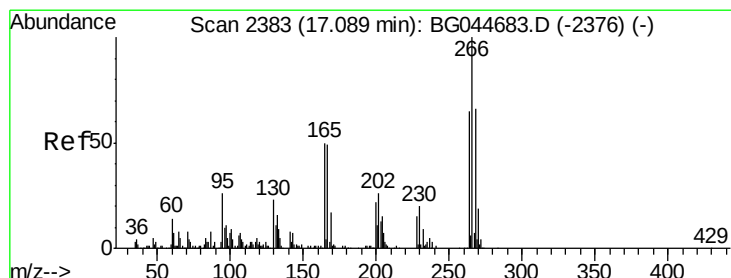
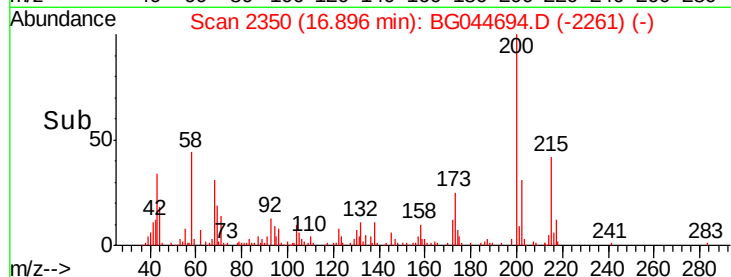
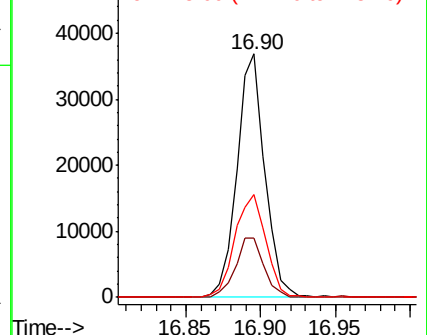
215 42.0 29.1 69.1



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: 6.234 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

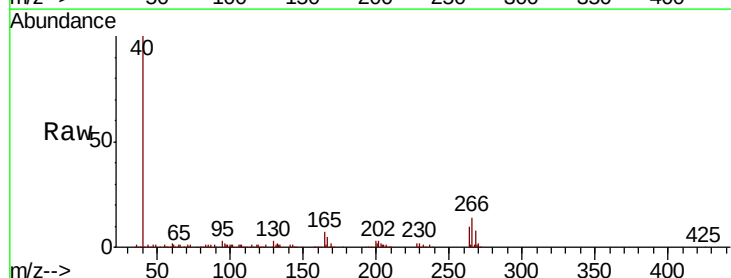
Tgt Ion:266 Resp: 21723

Ion Ratio Lower Upper

266 100

268 61.1 52.7 79.1

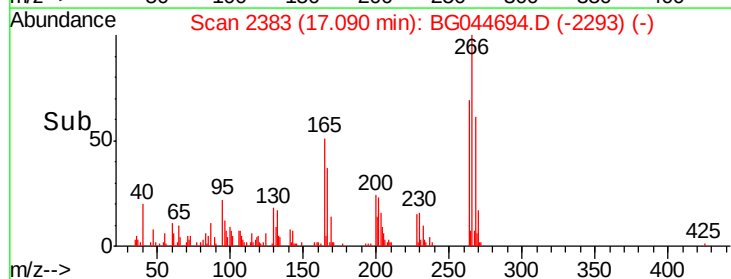
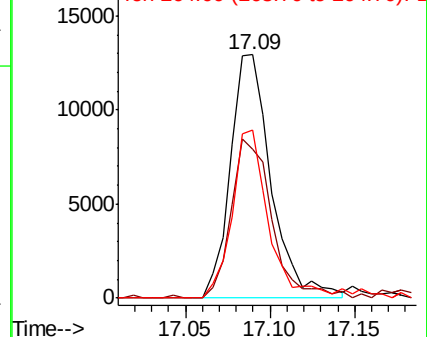
264 69.2 52.3 78.5

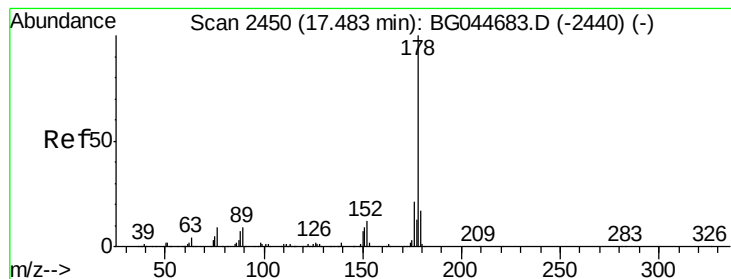


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 8.240 ng

RT: 17.57 min Scan# 2465

Delta R.T. 0.09 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

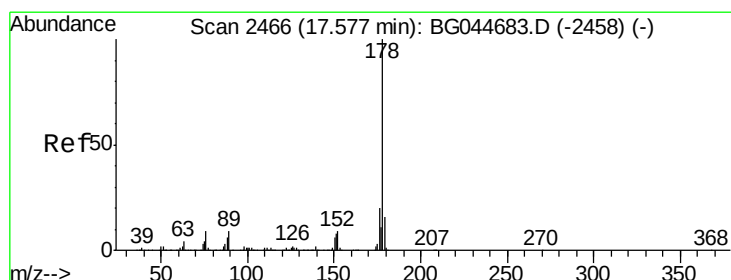
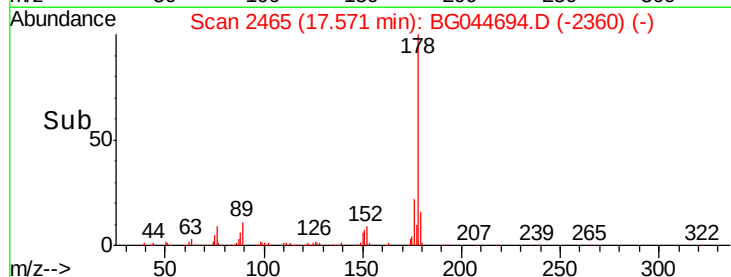
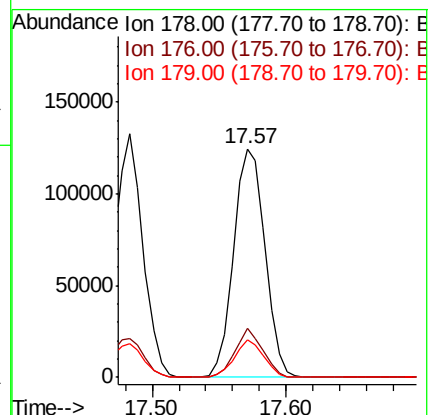
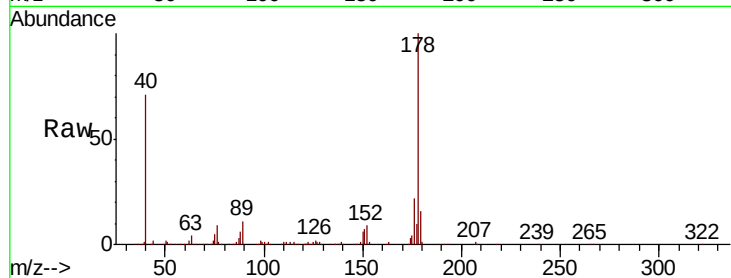
Tot Ion:178 Resp: 203731

Ion Ratio Lower Upper

178 100

176 21.7 16.5 24.7

179 16.5 13.8 20.8



#72

Anthracene

Concen: 8.366 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

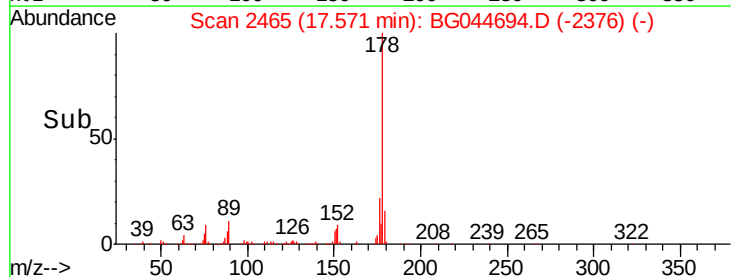
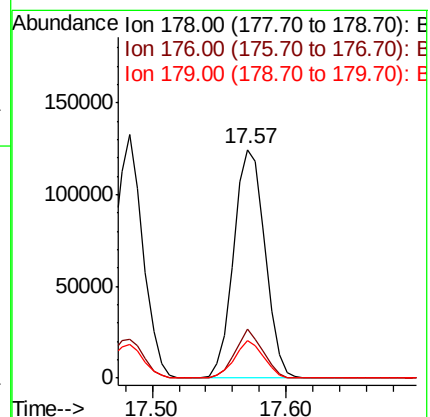
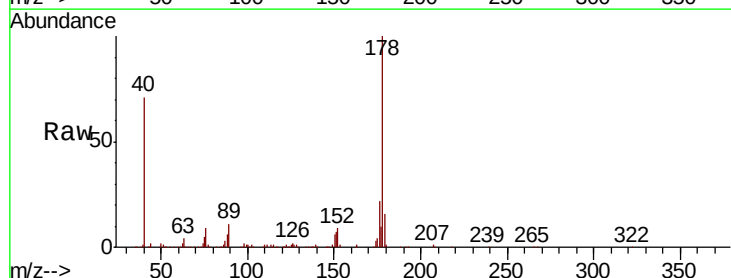
Tgt Ion:178 Resp: 203731

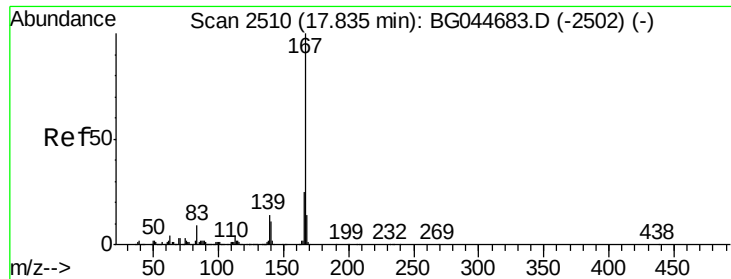
Ion Ratio Lower Upper

178 100

176 21.7 15.7 23.5

179 16.5 12.6 19.0

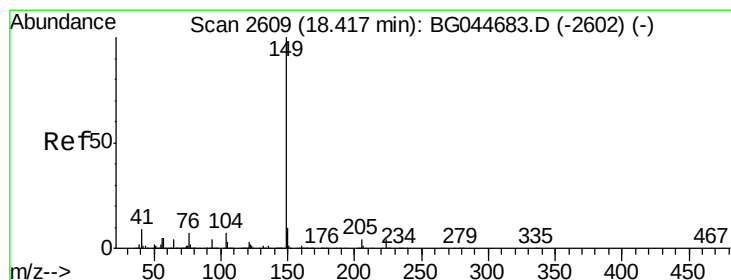
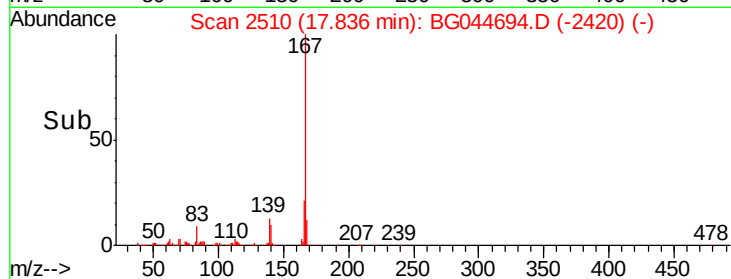
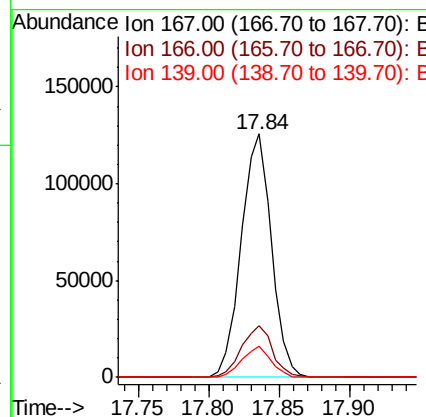
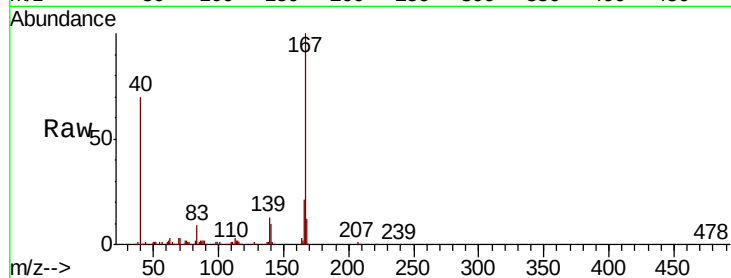




#73
 Carbazole
 Concen: 8.062 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

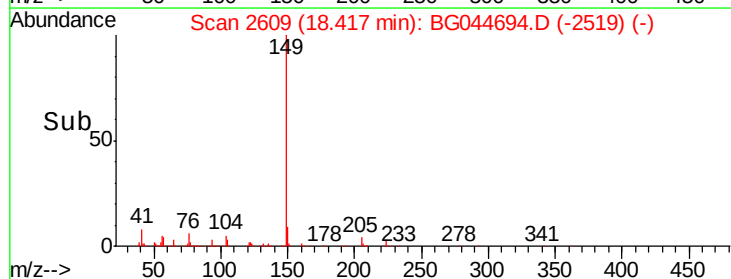
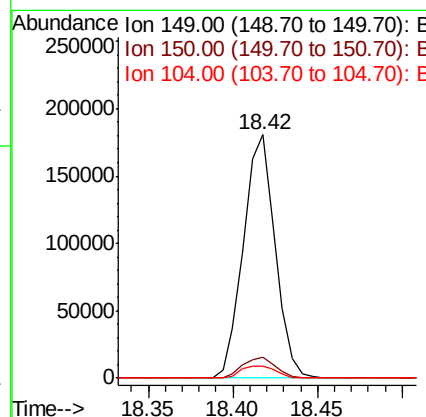
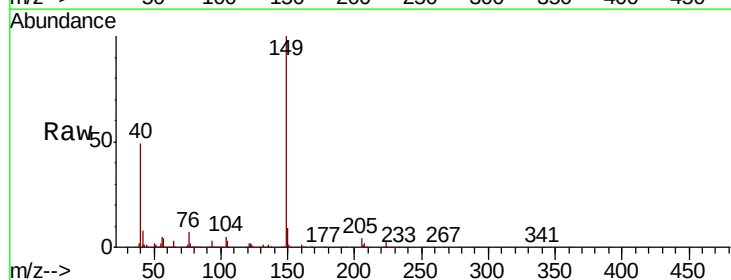
Instrument :
 BNA_G
 ClientSampleId :

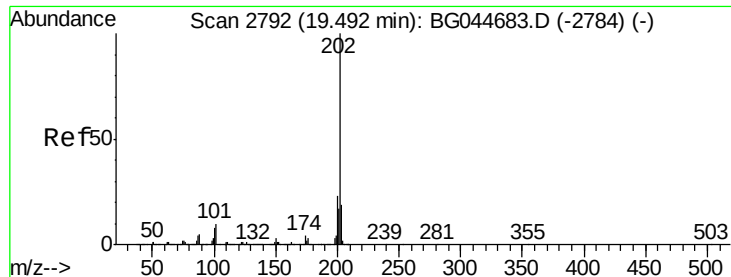
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	20.0	30.0
139	12.6	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 8.082 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG044694.D
 Acq: 6 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	8.0	12.0
104	5.1	5.5	8.3#





#75

Fluoranthene

Concen: 8.327 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044694.D

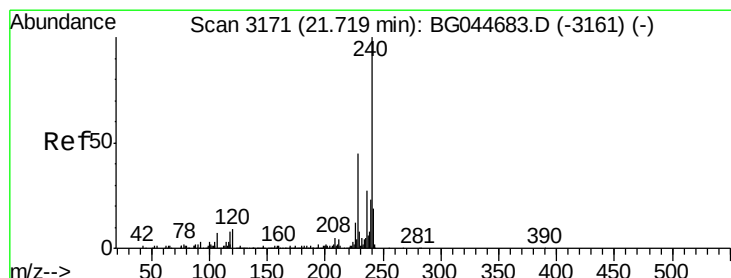
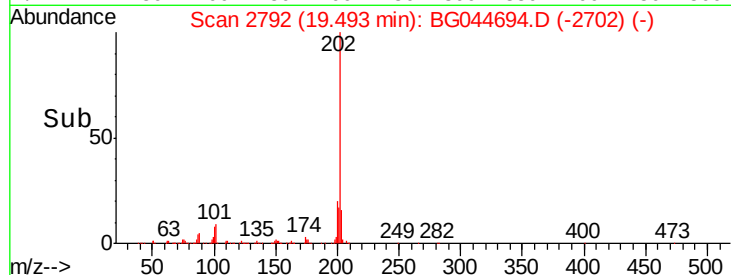
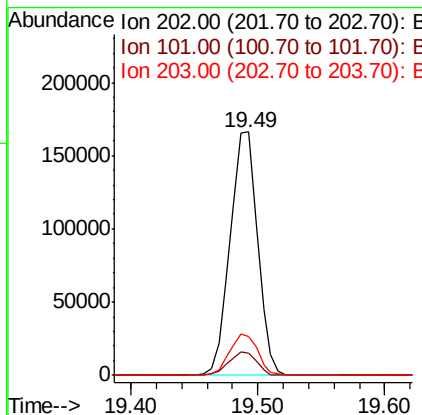
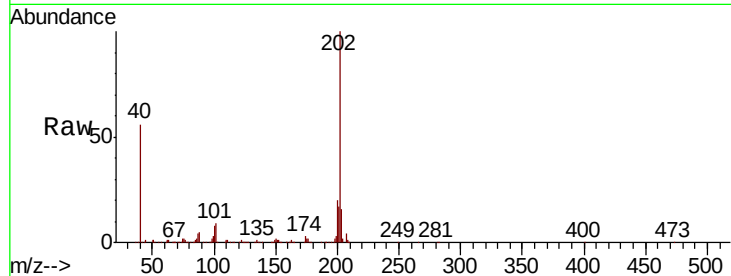
Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	248821
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
203	16.2	0.0	39.1



#76

Chrysene-d12

Concen: 20.000 ng

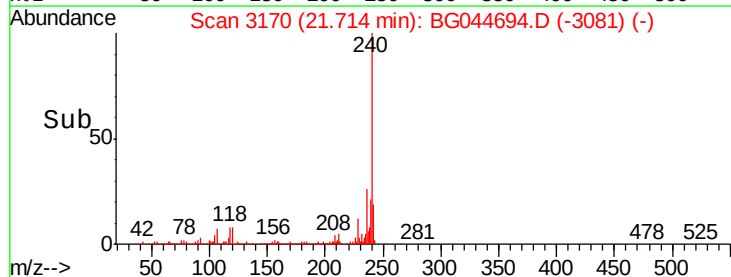
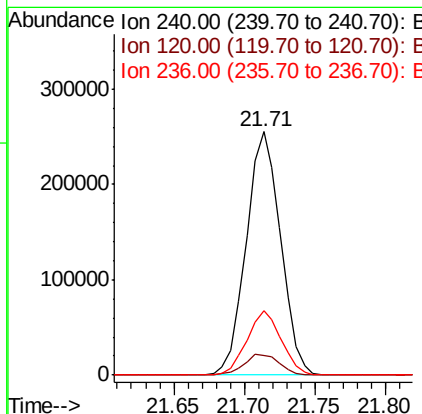
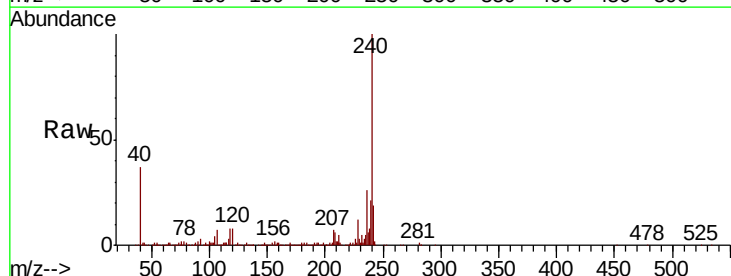
RT: 21.71 min Scan# 3170

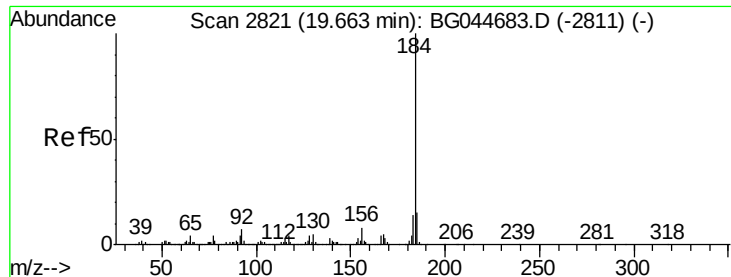
Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Tgt Ion:	240	Resp:	436944
Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	26.4	21.5	32.3





#77

Benzidine

Concen: 8.706 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

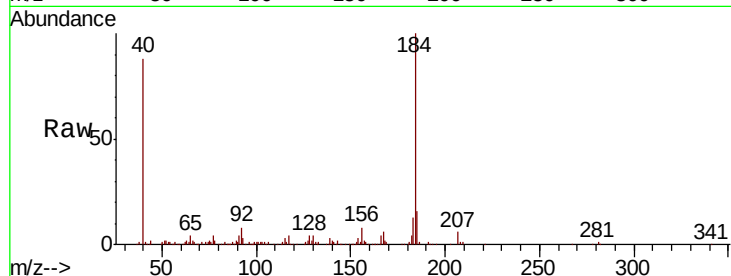
Tot Ion:184 Resp: 151854

Ion Ratio Lower Upper

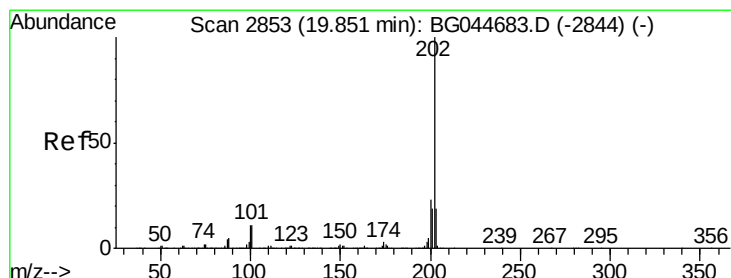
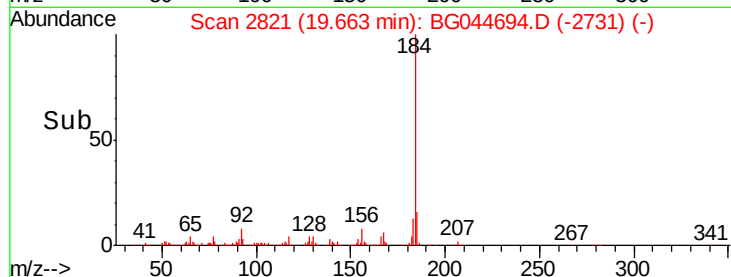
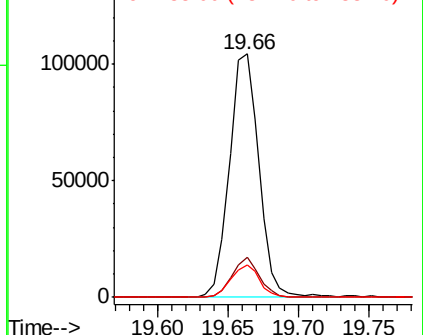
184 100

185 16.3 12.0 18.0

183 13.5 11.4 17.2



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: 7.544 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

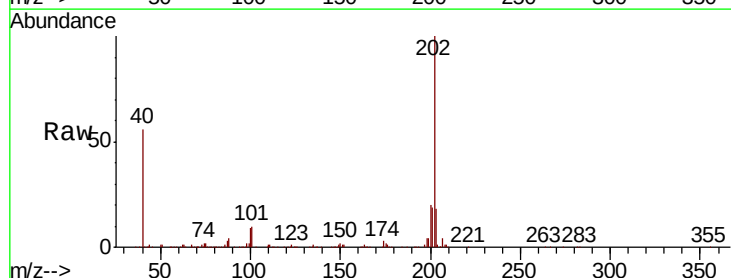
Tgt Ion:202 Resp: 251422

Ion Ratio Lower Upper

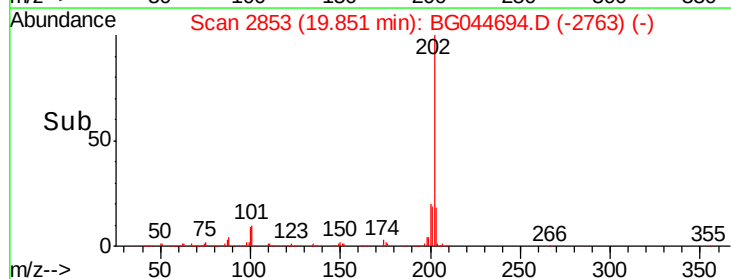
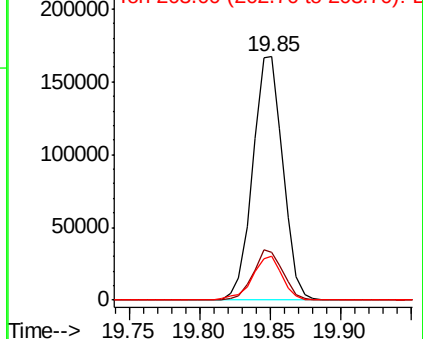
202 100

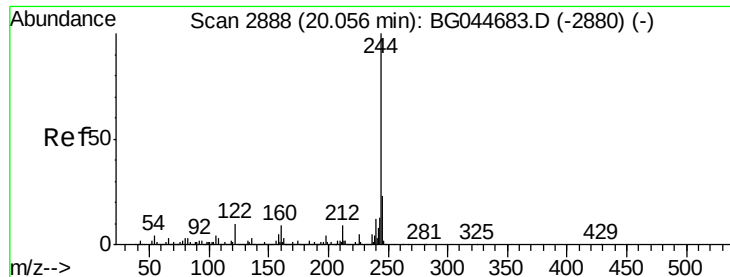
200 19.8 18.2 27.2

203 18.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.822 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

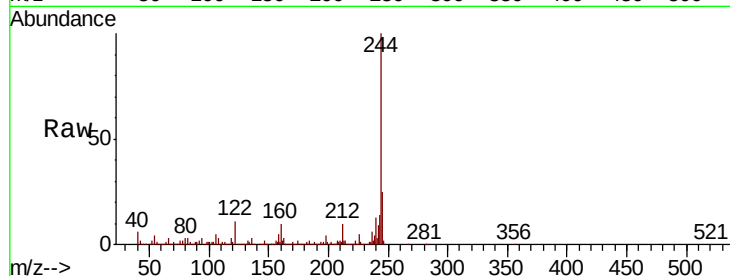
Tot Ion:244 Resp: 2223161

Ion Ratio Lower Upper

244 100

212 10.2 7.5 11.3

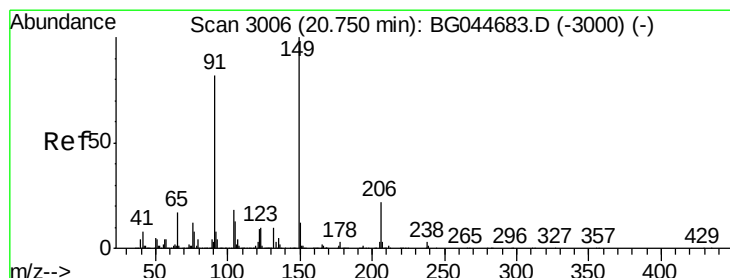
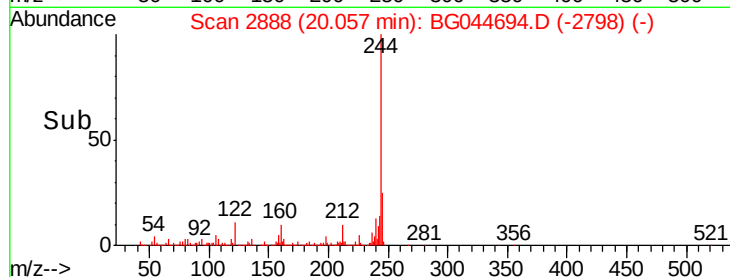
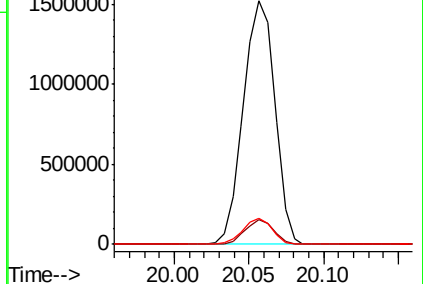
122 10.9 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.750 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

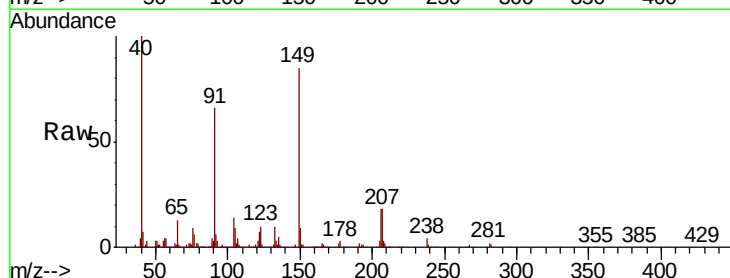
Tgt Ion:149 Resp: 100411

Ion Ratio Lower Upper

149 100

91 77.6 65.7 98.5

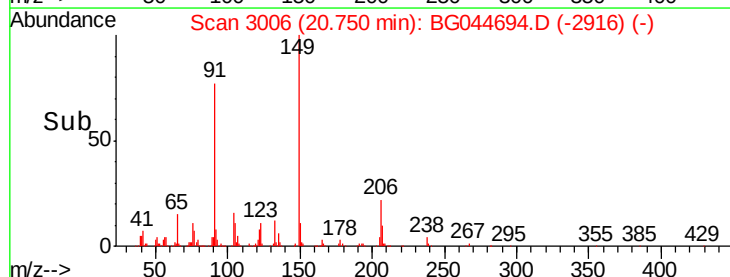
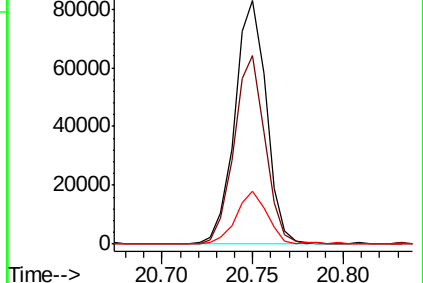
206 21.5 17.3 25.9

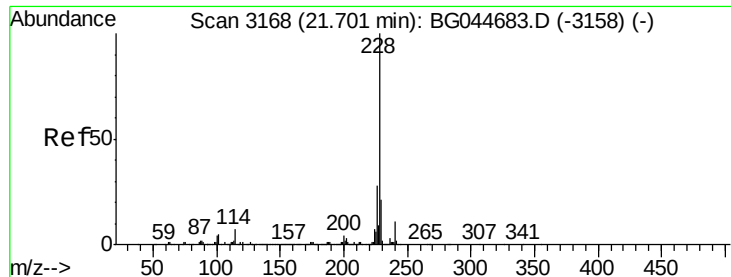


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.618 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

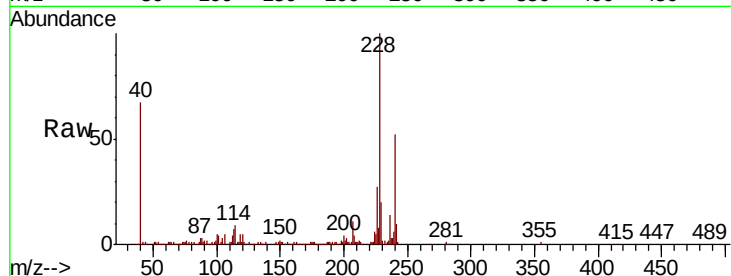
Tot Ion:228 Resp: 249632

Ion Ratio Lower Upper

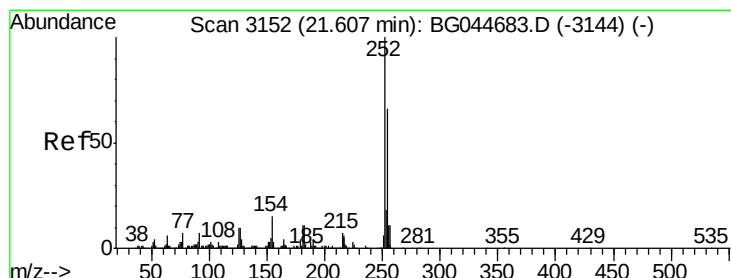
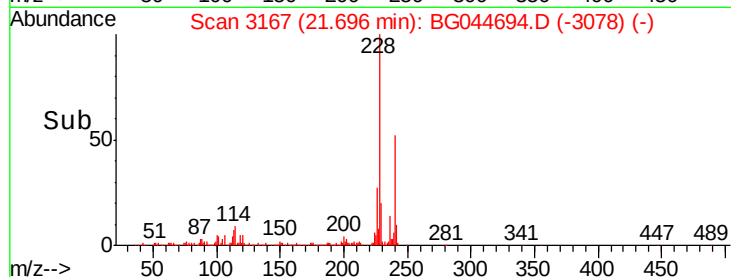
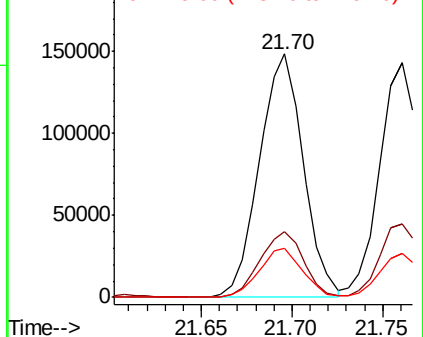
228 100

226 27.1 22.8 34.2

229 19.9 17.0 25.6



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



#82

3,3'-Dichlorobenzidine

Concen: 7.957 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

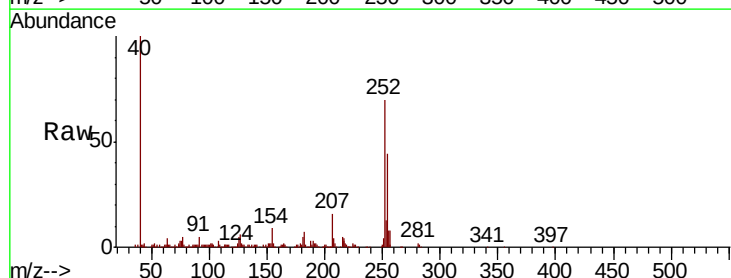
Tgt Ion:252 Resp: 103812

Ion Ratio Lower Upper

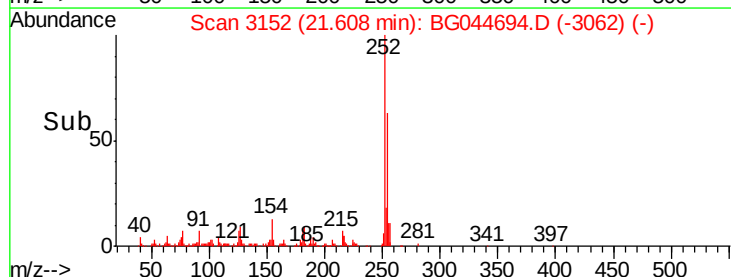
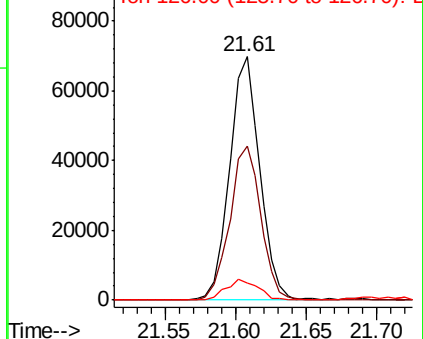
252 100

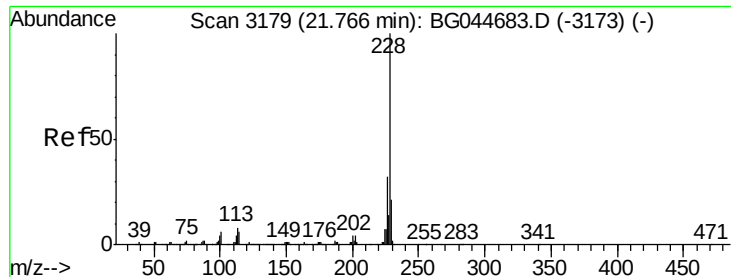
254 63.2 52.6 79.0

126 7.0 7.8 11.6#



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





#83

Chrysene

Concen: 7.482 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

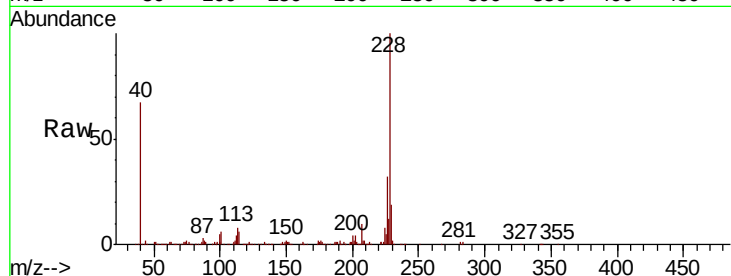
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 233340

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	19.0	16.6	25.0



Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

200000

150000

100000

50000

0

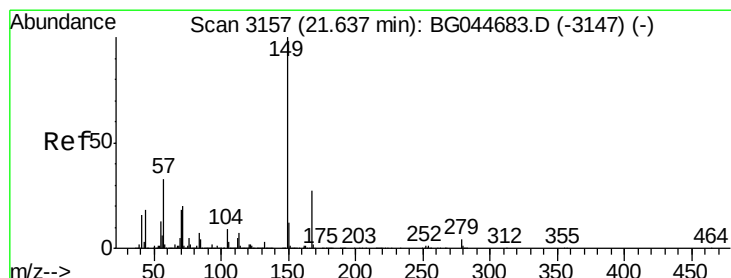
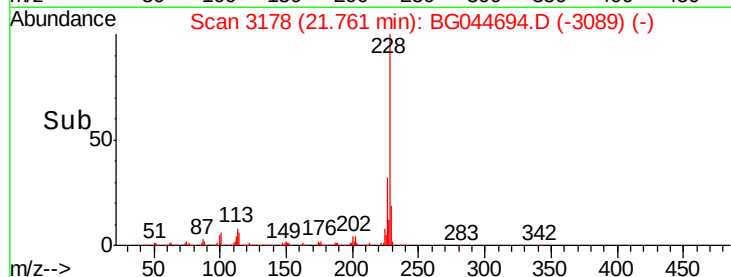
21.76

21.70

21.75

21.80

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.343 ng

RT: 21.64 min Scan# 3157

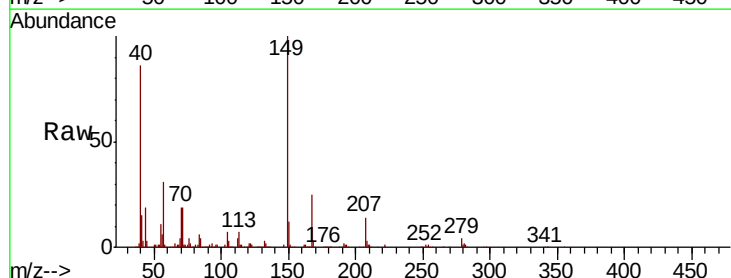
Delta R.T. 0.00 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Tgt Ion:149 Resp: 152324

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.3	31.9
279	3.6	3.6	5.4



Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

150000

100000

50000

0

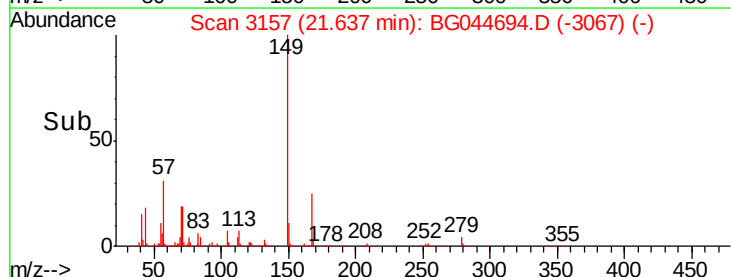
21.64

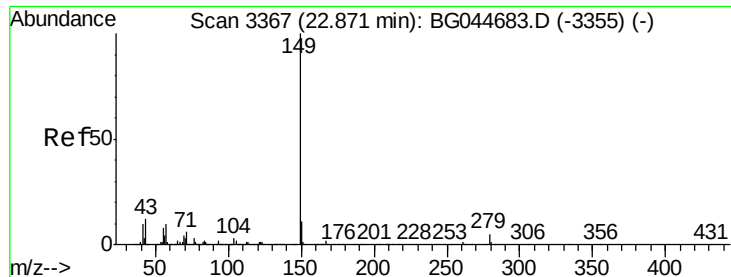
21.60

21.65

21.70

Time-->





#85

Di-n-octyl phthalate

Concen: 7.002 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

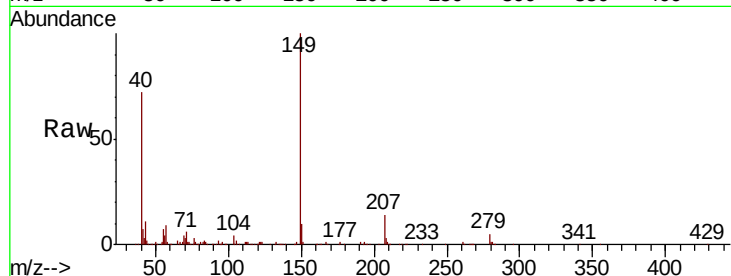
Tot Ion:149 Resp: 249448

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

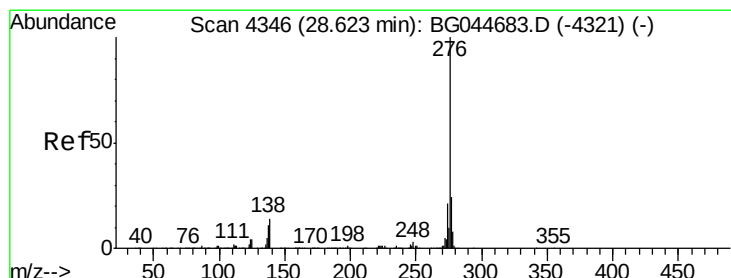
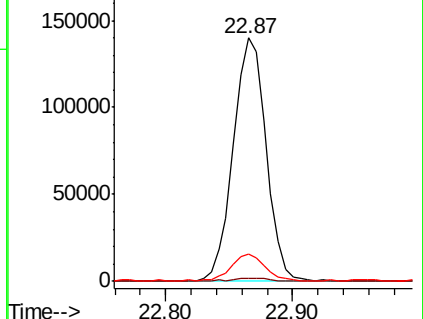
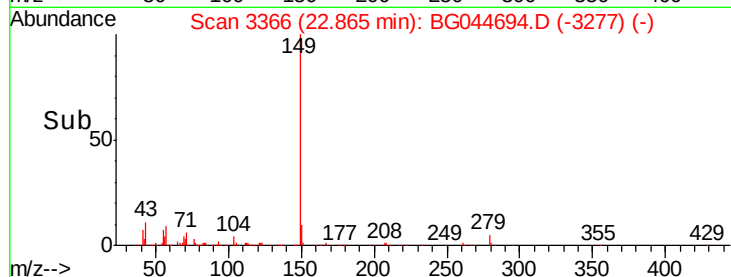
43 11.4 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.061 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.02 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

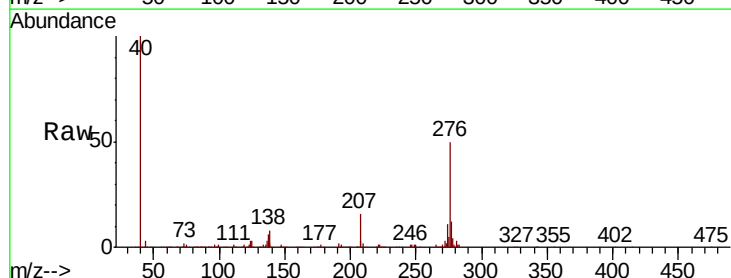
Tgt Ion:276 Resp: 290850

Ion Ratio Lower Upper

276 100

138 14.2 9.5 14.3

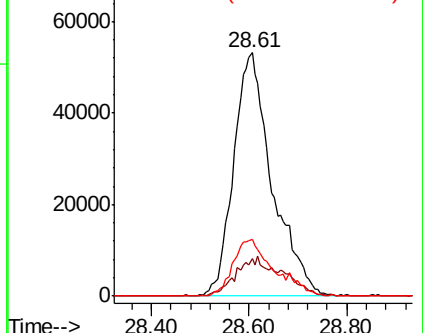
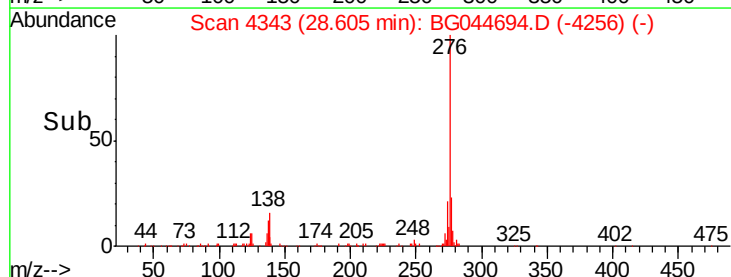
277 21.7 20.6 30.8

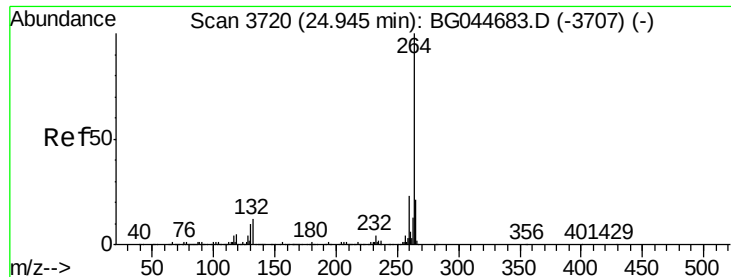


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

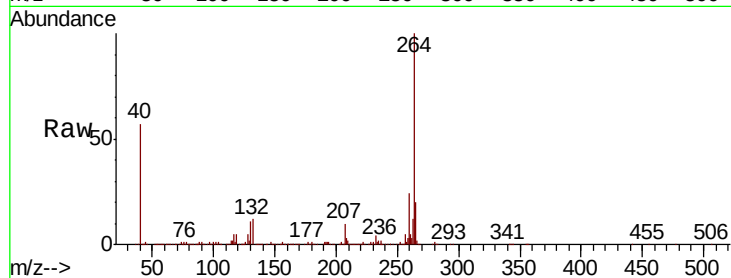
Tot Ion:264 Resp: 505804

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

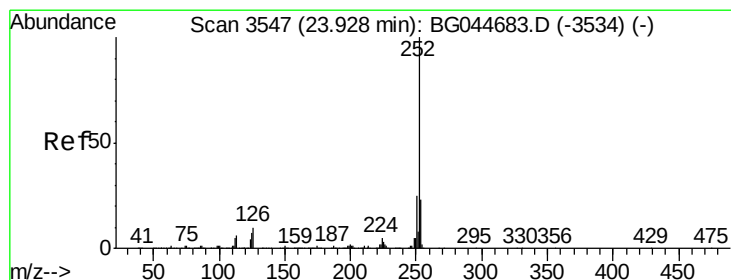
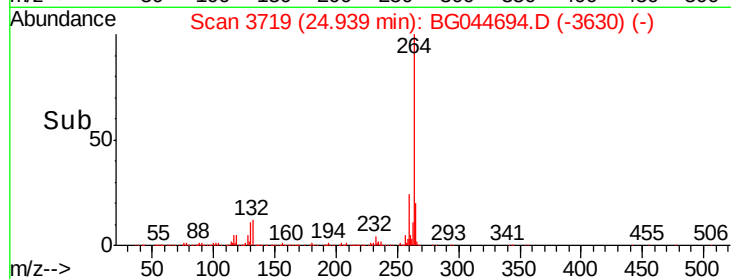
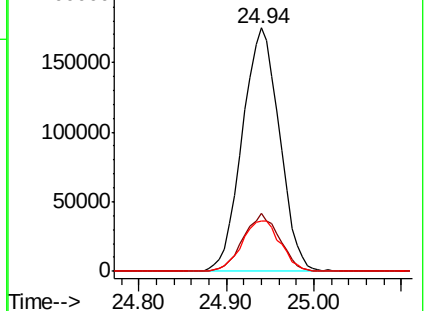
265 20.4 16.9 25.3



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: 7.188 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

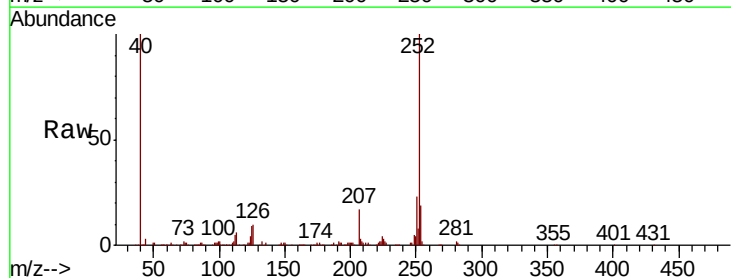
Tgt Ion:252 Resp: 247450

Ion Ratio Lower Upper

252 100

253 18.9 18.1 27.1

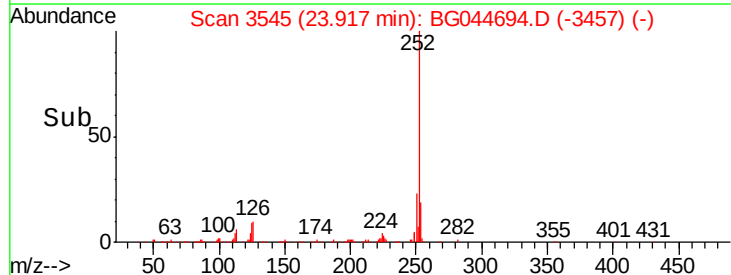
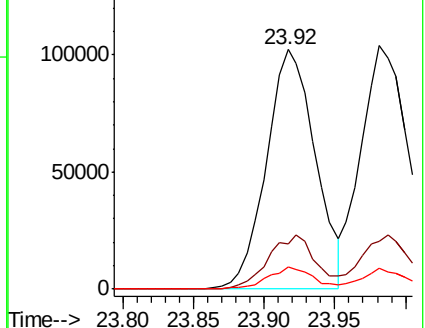
125 9.2 5.6 8.4#

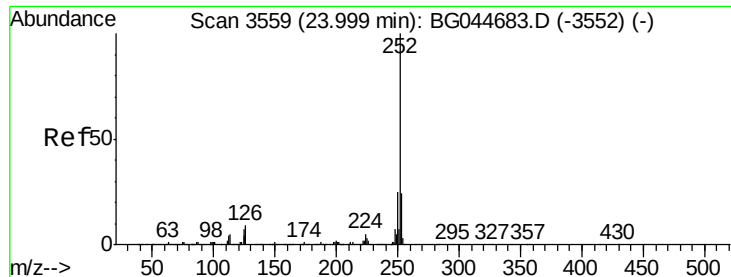


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 7.606 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.02 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

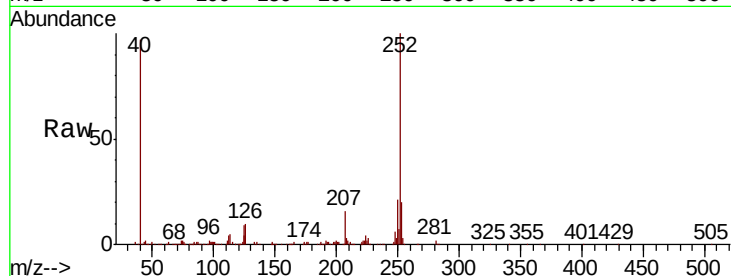
Tot Ion:252 Resp: 245416

Ion Ratio Lower Upper

252 100

253 19.8 18.5 27.7

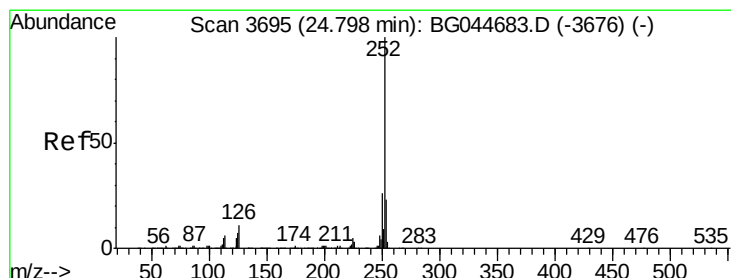
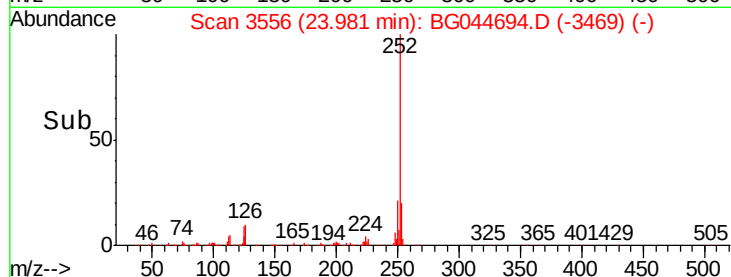
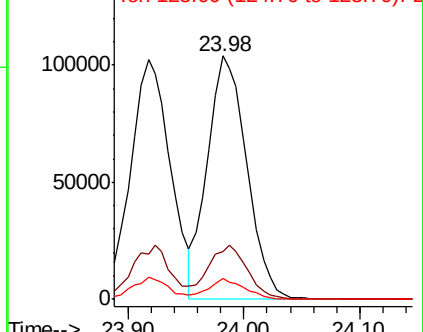
125 8.5 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 7.122 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.02 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

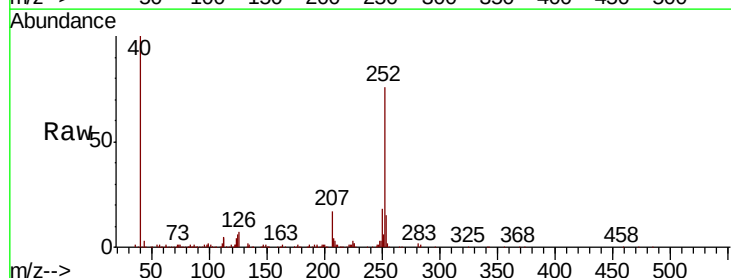
Tgt Ion:252 Resp: 228339

Ion Ratio Lower Upper

252 100

253 19.3 18.4 27.6

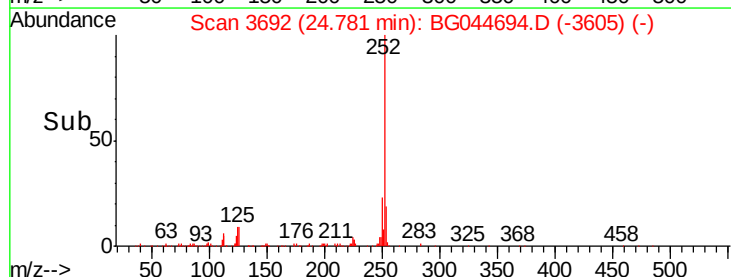
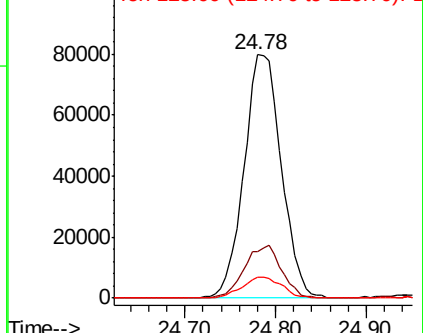
125 8.5 6.0 9.0

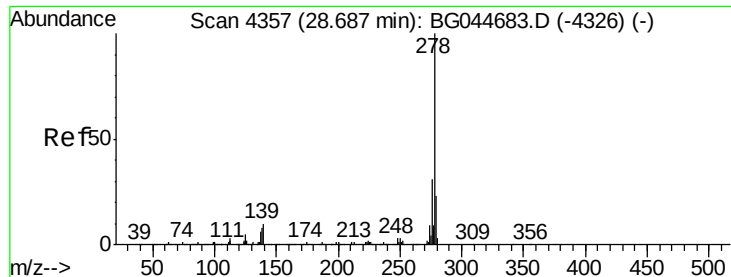


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 7.459 ng

RT: 28.68 min Scan# 4355

Delta R.T. -0.01 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

Instrument :

BNA_G

ClientSampleId :

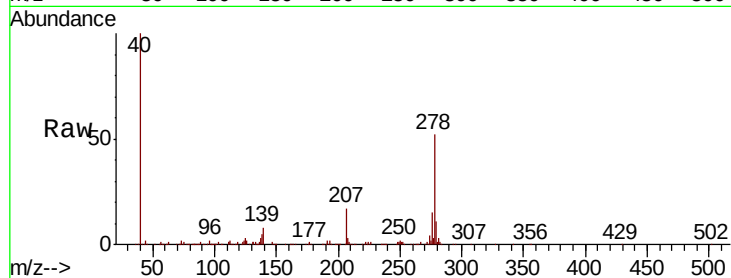
Tot Ion:278 Resp: 238477

Ion Ratio Lower Upper

278 100

139 14.8 8.4 12.6#

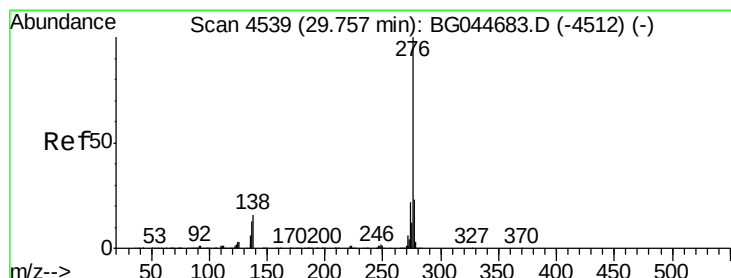
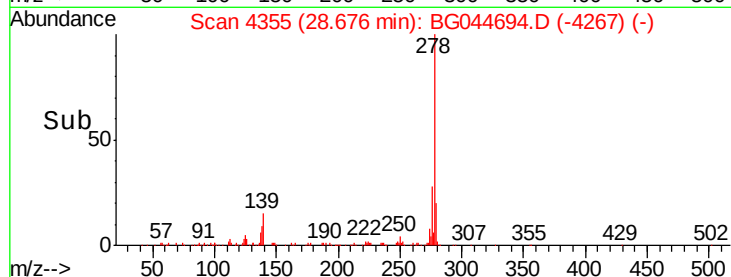
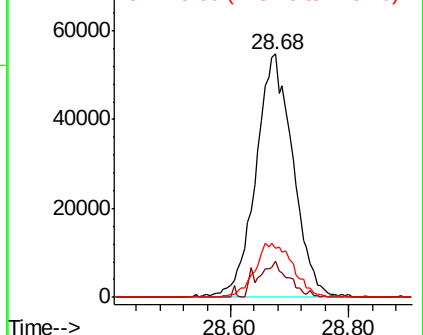
279 20.4 18.2 27.2



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: 7.387 ng

RT: 29.73 min Scan# 4534

Delta R.T. -0.03 min

Lab File: BG044694.D

Acq: 6 Mar 2020 12:38

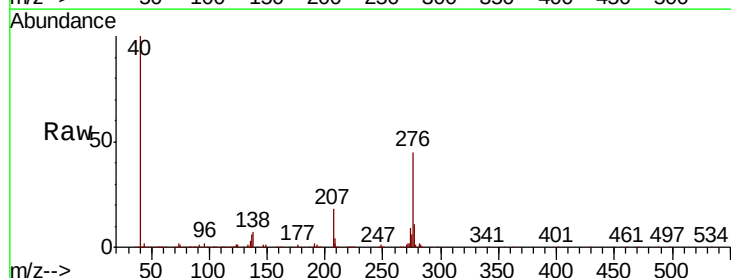
Tgt Ion:276 Resp: 236567

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 16.0 12.7 19.1



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

