

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044699.D
 Acq On : 6 Mar 2020 15:57
 Operator : CG/JU
 Sample : SSTDC0040
 Misc : LOO-WATER 10PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 07 03:31:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	73192	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	307165	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	214133	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	500056	20.00	ng	0.00
76) Chrysene-d12	21.72	240	442677	20.00	ng	0.00
87) Perylene-d12	24.94	264	520808	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	355790	73.00	ng	0.00
7) Phenol-d6	7.21	99	540895	73.43	ng	0.00
23) Nitrobenzene-d5	9.22	82	551777	81.79	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	231974	78.86	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1169709	76.09	ng	0.00
79) Terphenyl-d14	20.06	244	1877275	75.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	84400	36.129	ng	99
3) Pyridine	3.92	79	260425	35.956	ng	94
4) n-Nitrosodimethylamine	3.83	42	109925	35.879	ng	# 98
6) Aniline	7.38	93	336465	36.461	ng	95
8) 2-Chlorophenol	7.62	128	182372	36.922	ng	96
9) Benzaldehyde	7.19	77	165793	35.875	ng	97
10) Phenol	7.24	94	270140	37.227	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	210725	37.793	ng	99
12) 1,3-Dichlorobenzene	7.95	146	224633	38.240	ng	98
13) 1,4-Dichlorobenzene	8.10	146	223212	38.033	ng	95
14) 1,2-Dichlorobenzene	8.42	146	209807	37.819	ng	97
15) Benzyl Alcohol	8.29	79	232828	36.636	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	405611	38.504	ng	98
17) 2-Methylphenol	8.49	107	182904	36.786	ng	97
18) Hexachloroethane	9.15	117	90017	38.242	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	202516	36.800	ng	98
20) 3+4-Methylphenols	8.82	107	258164	37.271	ng	94
22) Acetophenone	8.88	105	323460	36.072	ng	94
24) Nitrobenzene	9.26	77	285639	39.934	ng	96
25) Isophorone	9.79	82	531399	35.718	ng	99
26) 2-Nitrophenol	9.97	139	95317	39.571	ng	94
27) 2,4-Dimethylphenol	10.03	122	170062	36.435	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	310444	37.065	ng	100
29) 2,4-Dichlorophenol	10.51	162	201334	37.910	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	233286	37.816	ng	98
31) Naphthalene	10.92	128	651660	37.804	ng	99
32) Benzoic acid	10.16	122	127285	37.239	ng	93
33) 4-Chloroaniline	11.02	127	297695	37.495	ng	98
34) Hexachlorobutadiene	11.22	225	156588	37.152	ng	95
35) Caprolactam	11.78	113	82303	37.124	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	246935	36.715	ng	95
37) 2-Methylnaphthalene	12.52	142	498463	38.318	ng	99
38) 1-Methylnaphthalene	12.74	142	461394	37.520	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	262828	37.809	ng	98

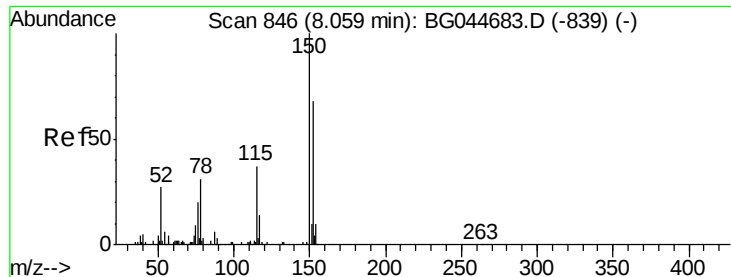
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044699.D
 Acq On : 6 Mar 2020 15:57
 Operator : CG/JU
 Sample : SSTDC0040
 Misc : LOO-WATER 10PPM
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Instrument :
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 ClientSampleId :

Quant Time: Mar 07 03:31:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	152978	37.633	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	185659	38.525	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	185829	37.600	ng	91
46) 1,1'-Biphenyl	13.53	154	655220	38.472	ng	99
47) 2-Chloronaphthalene	13.57	162	499309	38.434	ng	99
48) 2-Nitroaniline	13.76	65	196307	42.404	ng	97
49) Acenaphthylene	14.42	152	803256	38.593	ng	99
50) Dimethylphthalate	14.15	163	682522	38.340	ng	99
51) 2,6-Dinitrotoluene	14.26	165	139972	43.757	ng	99
52) Acenaphthene	14.76	154	522837	38.849	ng	99
53) 3-Nitroaniline	14.59	138	159733	43.330	ng	99
54) 2,4-Dinitrophenol	14.79	184	62976	40.515	ng	# 93
55) Dibenzofuran	15.09	168	775308	38.447	ng	98
56) 4-Nitrophenol	14.88	139	123602	43.093	ng	97
57) 2,4-Dinitrotoluene	15.04	165	193908	43.022	ng	95
58) Fluorene	15.74	166	634610	38.048	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	181317	38.547	ng	99
60) Diethylphthalate	15.52	149	739846	38.872	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	346708	38.308	ng	99
62) 4-Nitroaniline	15.75	138	170247	41.929	ng	97
63) Azobenzene	16.03	77	764368	38.376	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	86924	40.897	ng	95
66) n-Nitrosodiphenylamine	15.95	169	574568	37.580	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	238549	37.825	ng	99
68) Hexachlorobenzene	16.75	284	258628	37.979	ng	98
69) Atrazine	16.90	200	225063	38.091	ng	98
70) Pentachlorophenol	17.09	266	149572	38.707	ng	98
71) Phenanthrene	17.48	178	1045024	38.113	ng	99
72) Anthracene	17.58	178	1035041	38.326	ng	98
73) Carbazole	17.83	167	990608	38.301	ng	99
74) Di-n-butylphthalate	18.42	149	1258774	38.644	ng	99
75) Fluoranthene	19.49	202	1263953	38.141	ng	100
77) Benzidine	19.66	184	631173	35.718	ng	96
78) Pyrene	19.85	202	1279390	37.891	ng	98
80) Butylbenzylphthalate	20.75	149	583691	38.729	ng	97
81) Benzo(a)anthracene	21.69	228	1227510	36.976	ng	100
82) 3,3'-Dichlorobenzidine	21.61	252	486659	36.819	ng	99
83) Chrysene	21.77	228	1193767	37.780	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	794015	37.779	ng	98
85) Di-n-octyl phthalate	22.86	149	1352433	37.471	ng	100
86) Indeno(1,2,3-cd)pyrene	28.62	276	1543476	36.986	ng	99
88) Benzo(b)fluoranthene	23.92	252	1322567	37.312	ng	100
89) Benzo(k)fluoranthene	23.99	252	1269960	38.223	ng	98
90) Benzo(a)pyrene	24.80	252	1250468	37.878	ng	97
91) Dibenzo(a,h)anthracene	28.69	278	1234652	37.506	ng	96
92) Benzo(g,h,i)perylene	29.75	276	1242281	37.674	ng	96

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

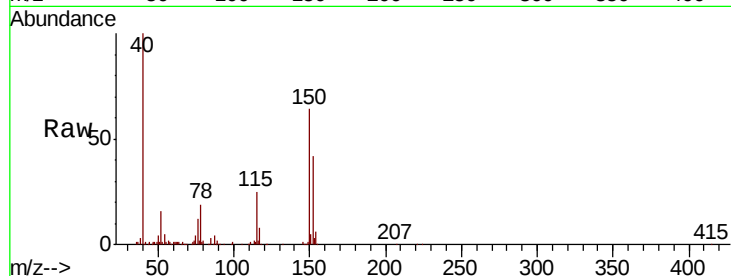


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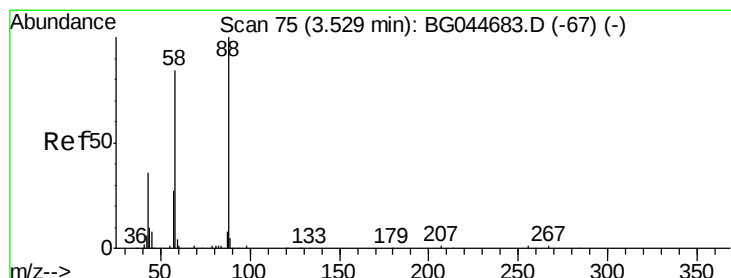
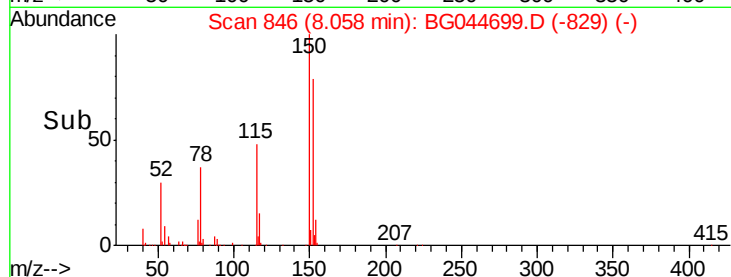
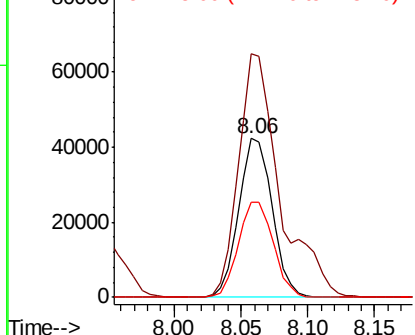
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 73192
 Ion Ratio Lower Upper
 152 100
 150 153.4 118.6 177.8
 115 60.2 43.6 65.4



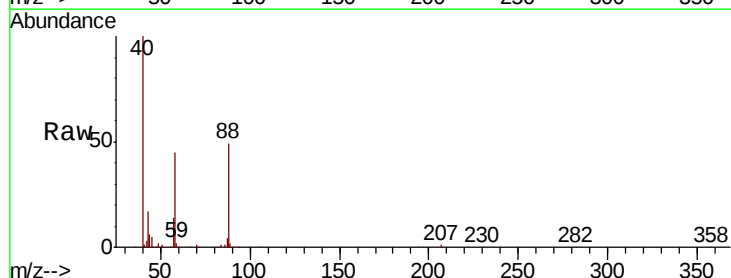
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



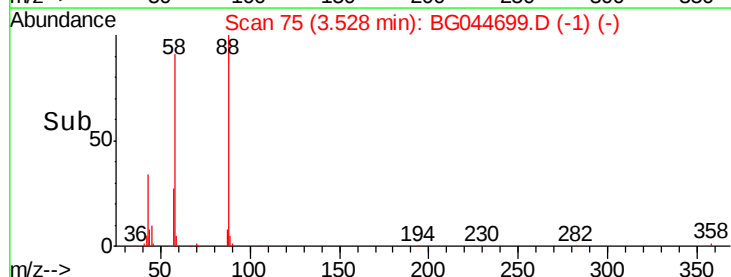
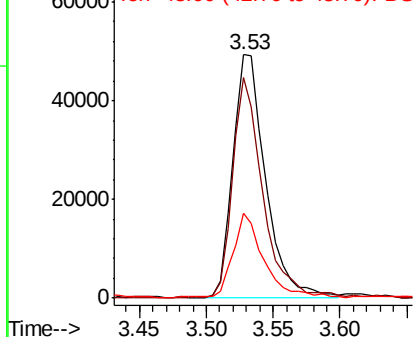
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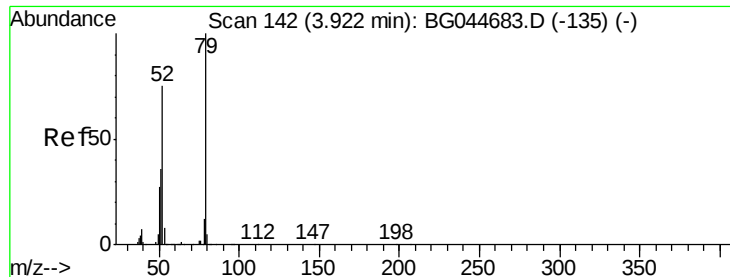
1,4-Dioxane
 Concen: 36.129 ng
 RT: 3.53 min Scan# 75
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Tgt Ion: 88 Resp: 84400
 Ion Ratio Lower Upper
 88 100
 58 83.9 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: 35.956 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

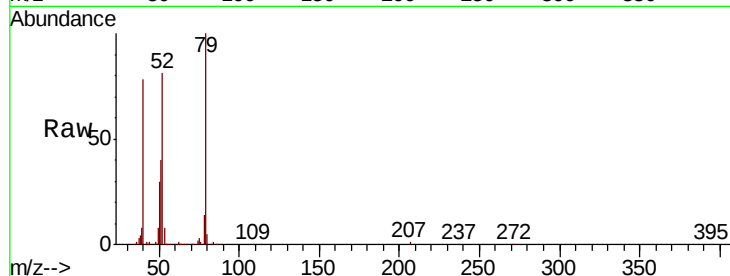
Tot Ion: 79 Resp: 260425

Ion Ratio Lower Upper

79 100

52 80.7 59.9 89.9

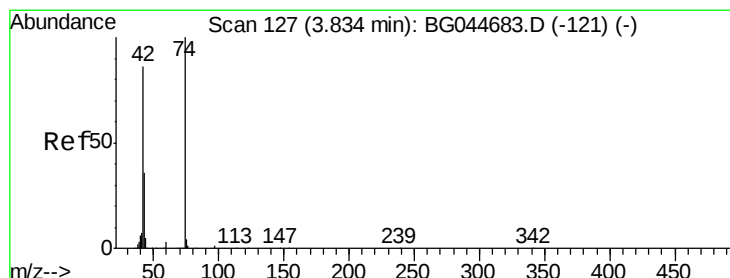
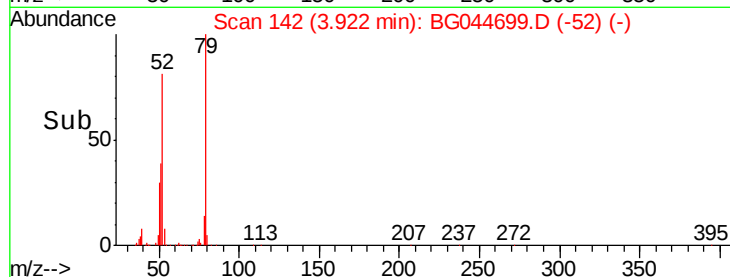
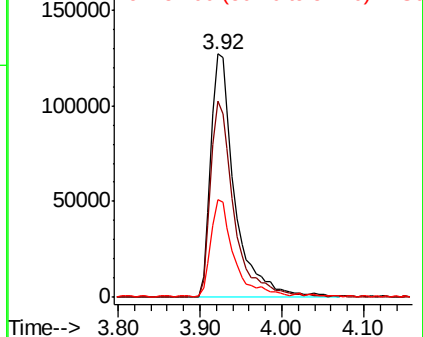
51 40.0 29.3 43.9



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: 35.879 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

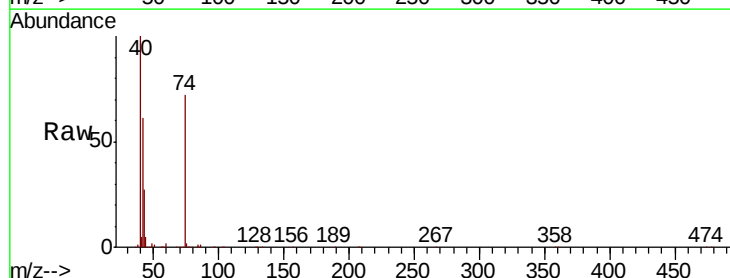
Tgt Ion: 42 Resp: 109925

Ion Ratio Lower Upper

42 100

74 118.3 93.4 140.2

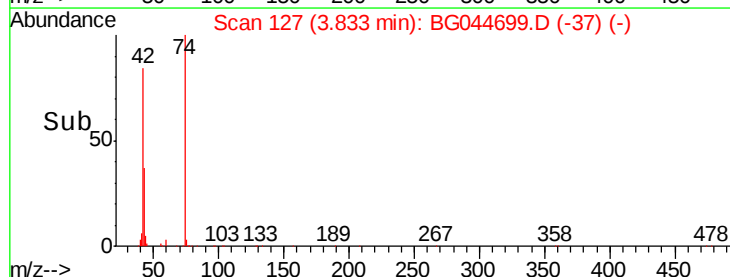
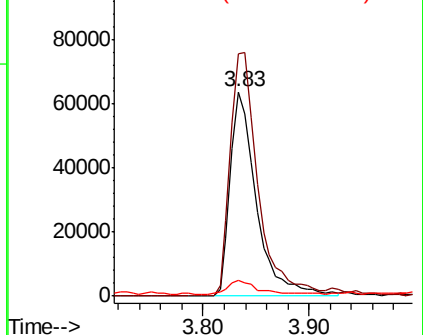
44 7.5 8.9 13.3#

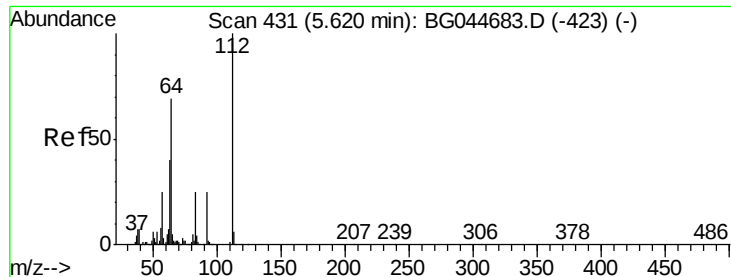


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 73.005 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampled :

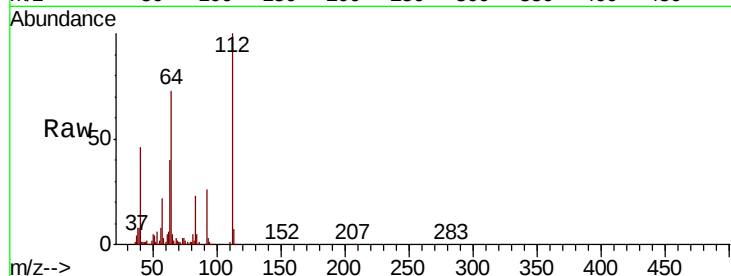
Tot Ion:112 Resp: 355790

Ion Ratio Lower Upper

112 100

64 73.2 55.4 83.0

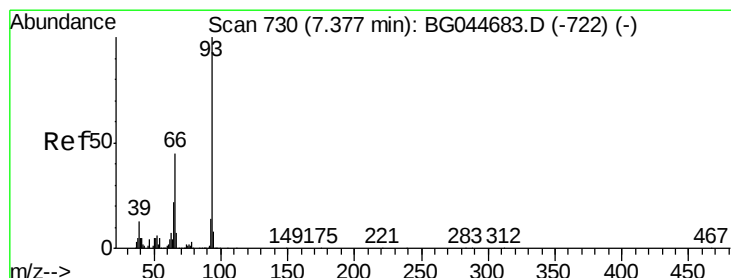
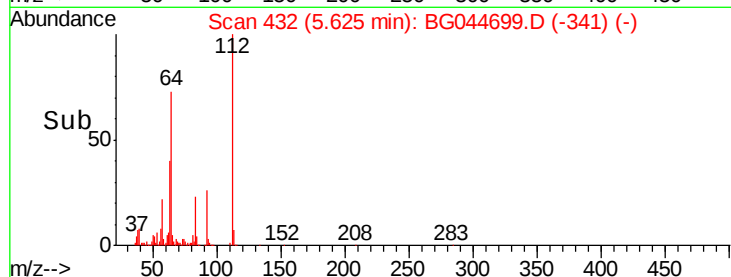
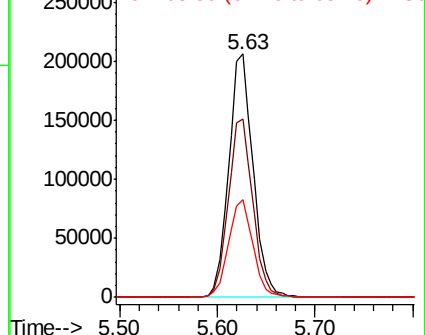
63 39.9 32.1 48.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.461 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

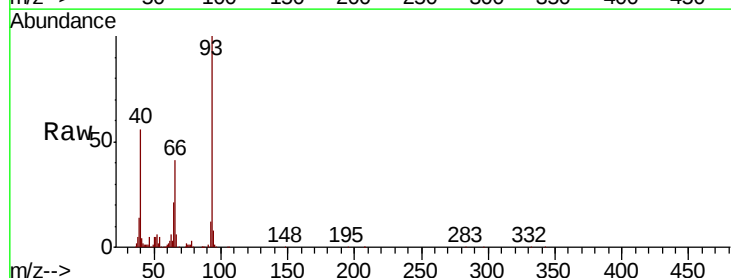
Tgt Ion: 93 Resp: 336465

Ion Ratio Lower Upper

93 100

66 40.5 35.8 53.8

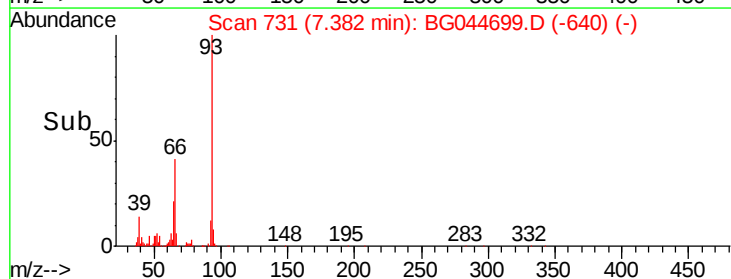
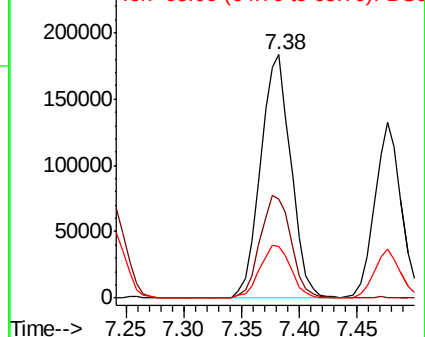
65 21.0 17.9 26.9

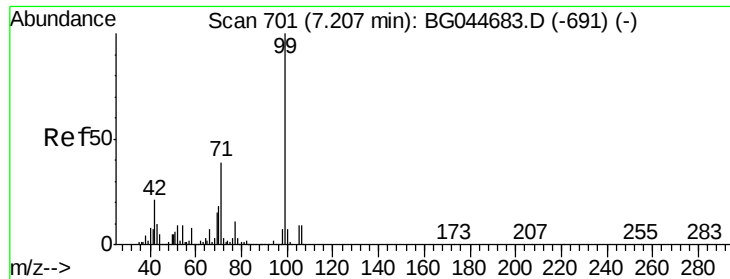


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 73.426 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

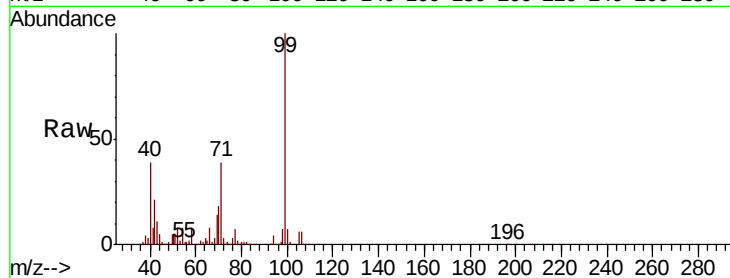
Tot Ion: 99 Resp: 540895

Ion Ratio Lower Upper

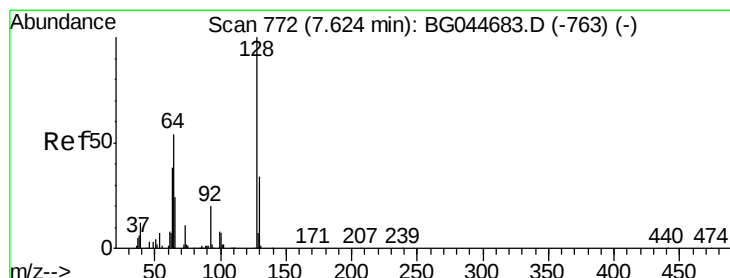
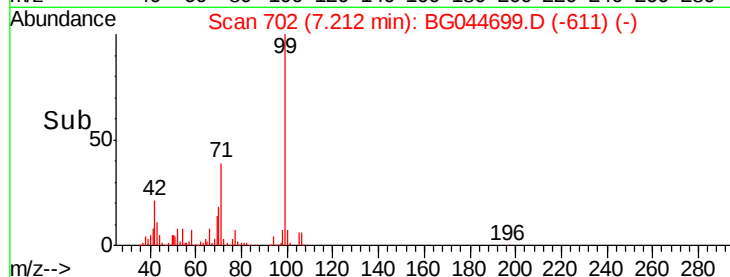
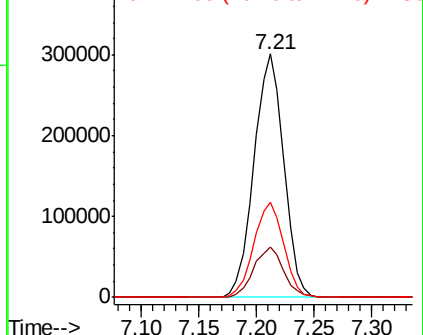
99 100

42 20.6 16.5 24.7

71 39.3 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: 36.922 ng

RT: 7.62 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

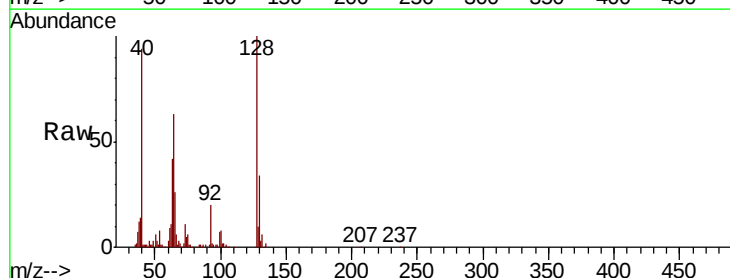
Tgt Ion: 128 Resp: 182372

Ion Ratio Lower Upper

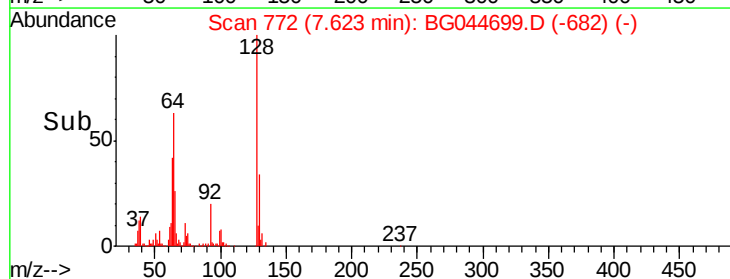
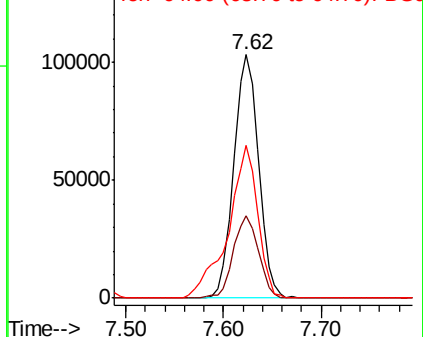
128 100

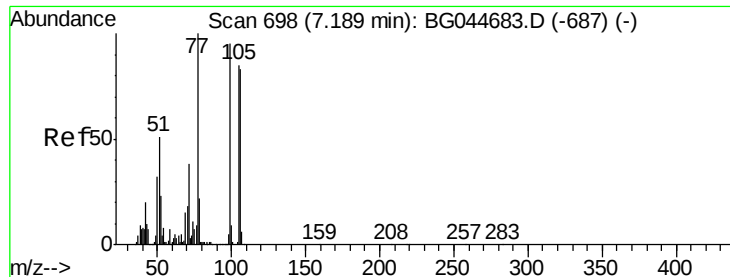
130 33.7 14.0 54.0

64 62.6 37.6 77.6



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





#9

Benzaldehyde

Concen: 35.875 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

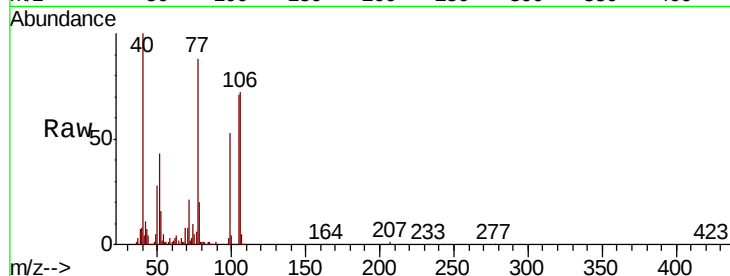
Tot Ion: 77 Resp: 165793

Ion Ratio Lower Upper

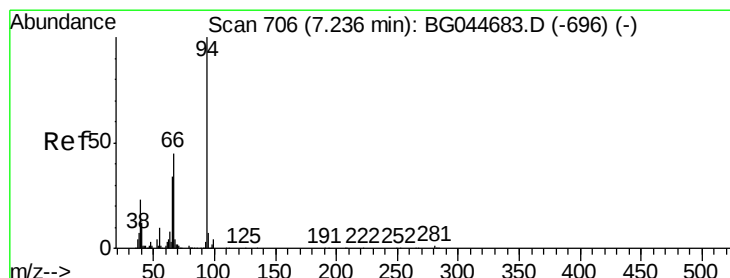
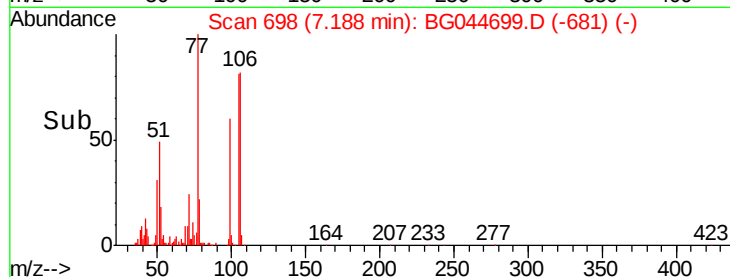
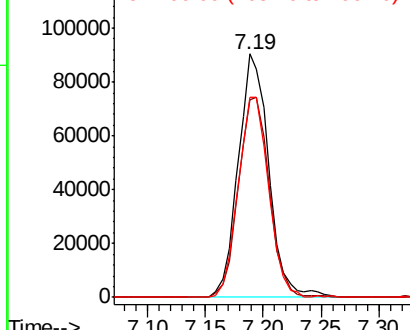
77 100

105 81.2 65.1 105.1

106 82.0 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: 37.227 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

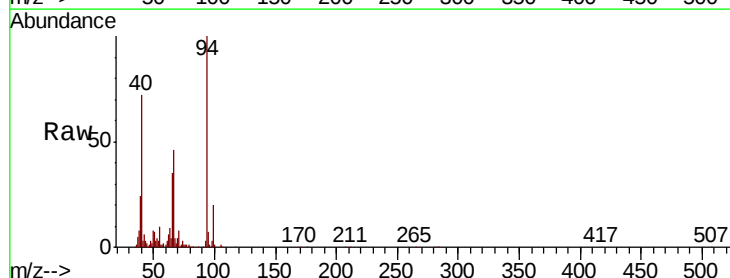
Tgt Ion: 94 Resp: 270140

Ion Ratio Lower Upper

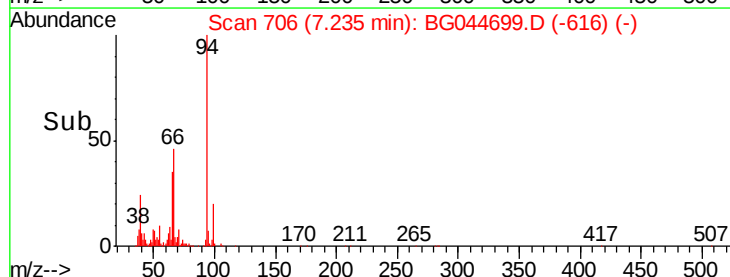
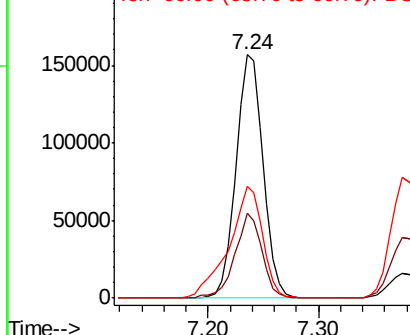
94 100

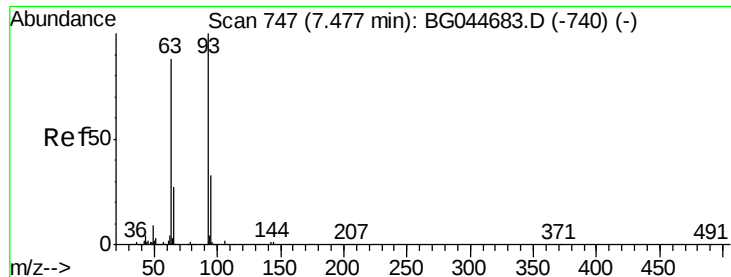
65 34.7 13.5 53.5

66 45.7 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

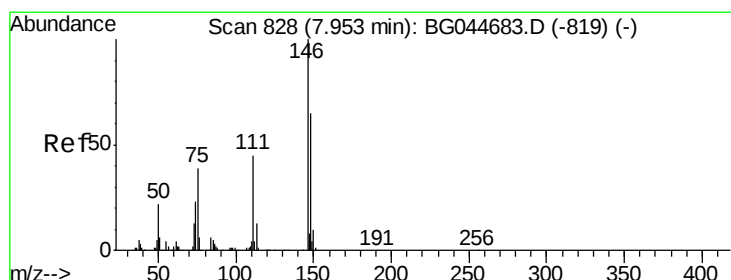
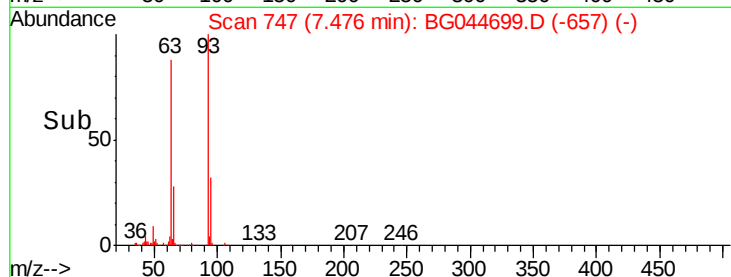
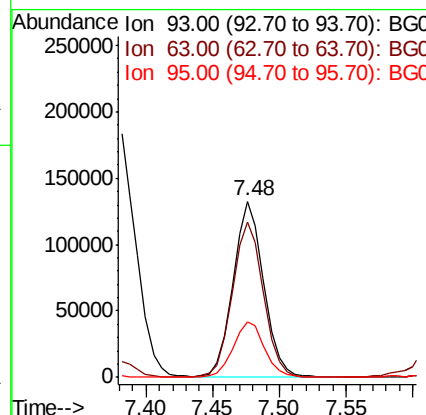
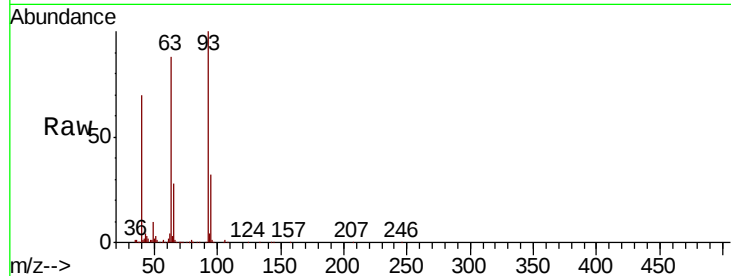




#11
bis(2-Chloroethyl)ether
Concen: 37.793 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

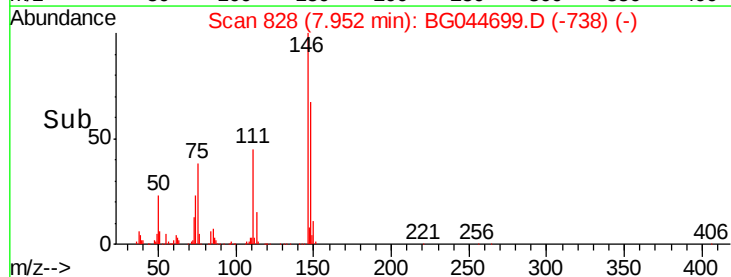
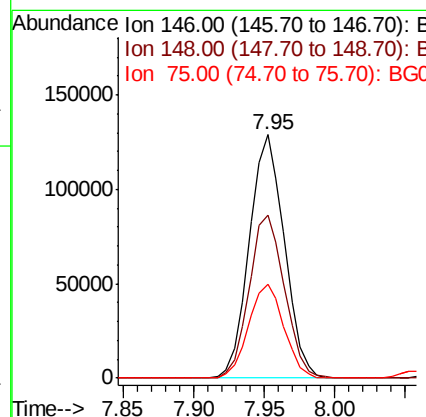
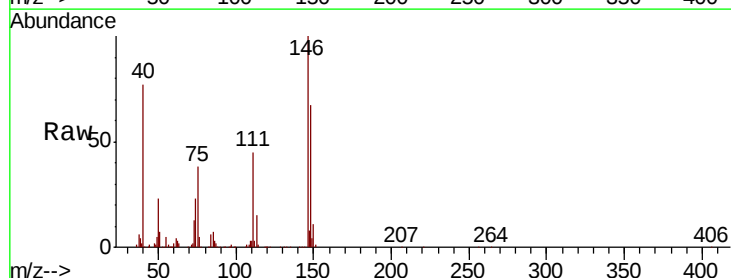
Instrument :
BNA_G
ClientSampleId :

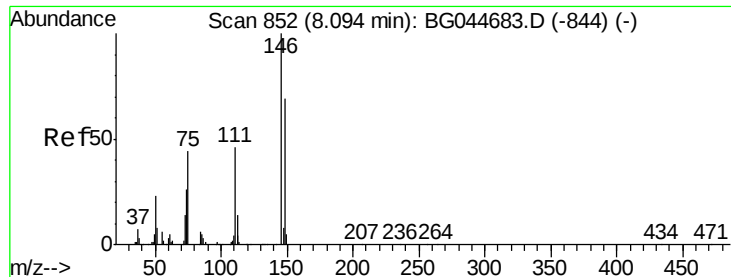
Tot Ion	93	Resp	210725
Ion	Ratio	Lower	Upper
93	100		
63	88.2	67.8	107.8
95	31.8	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 38.240 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion	146	Resp	224633
Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.9	77.9
75	38.3	31.0	46.6

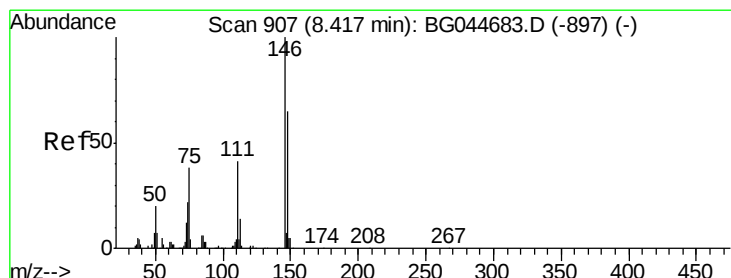
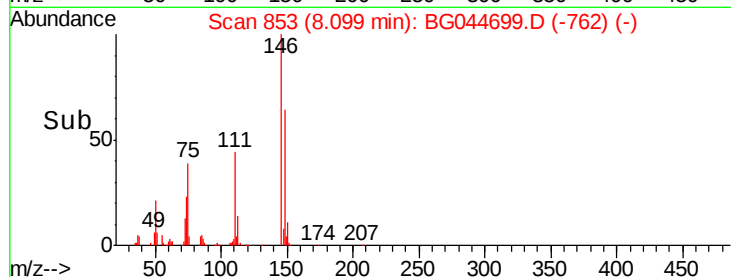
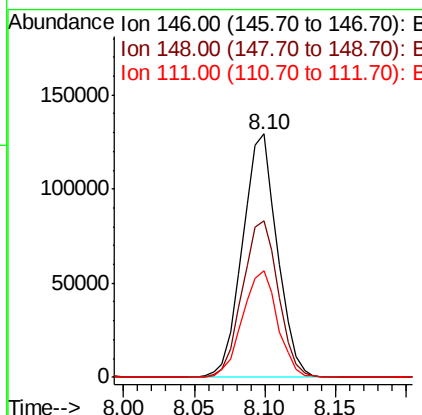
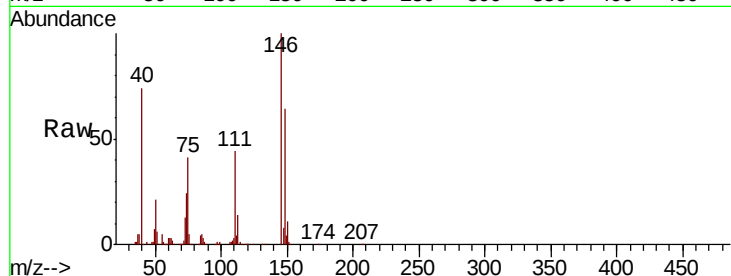




#13
 1,4-Dichlorobenzene
 Concen: 38.033 ng
 RT: 8.10 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

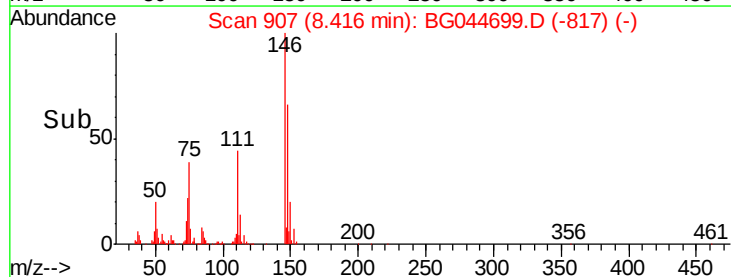
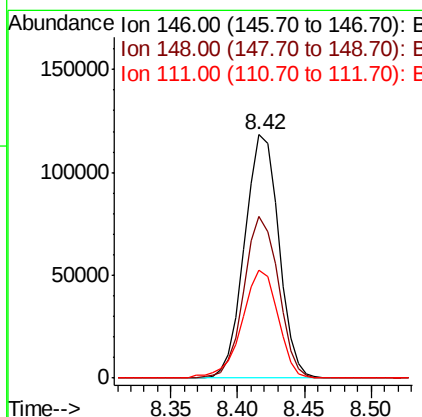
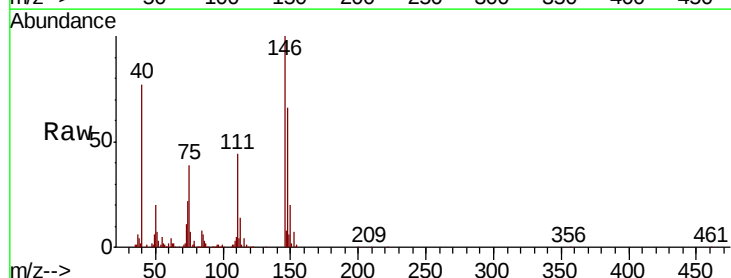
Instrument :
 BNA_G
 ClientSampleId :

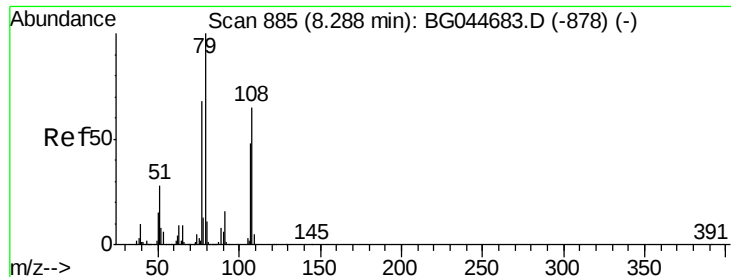
Tot Ion:146 Resp: 223212
 Ion Ratio Lower Upper
 146 100
 148 64.2 55.0 82.4
 111 44.0 37.2 55.8



#14
 1,2-Dichlorobenzene
 Concen: 37.819 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Tgt Ion:146 Resp: 209807
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.8 77.8
 111 44.4 33.4 50.0





#15

Benzyl Alcohol

Concen: 36.636 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

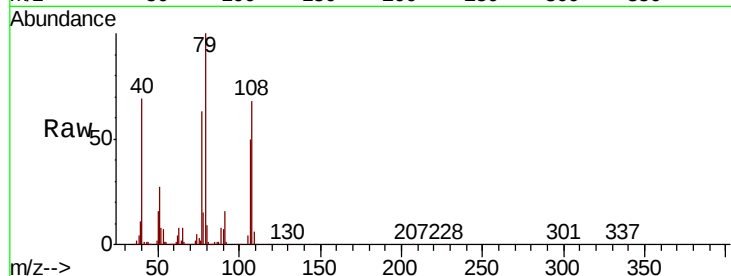
Tot Ion: 79 Resp: 232828

Ion Ratio Lower Upper

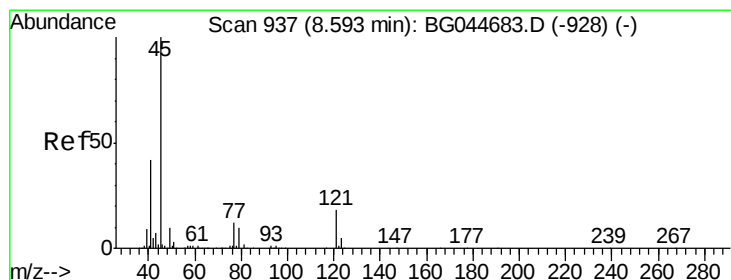
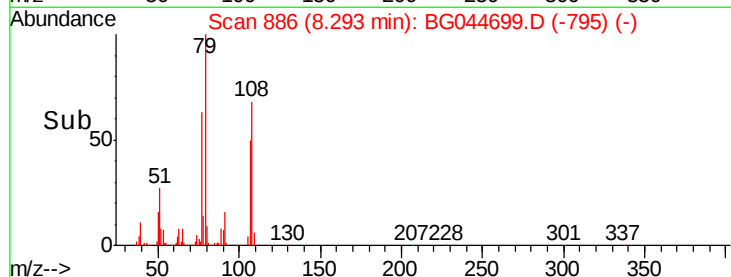
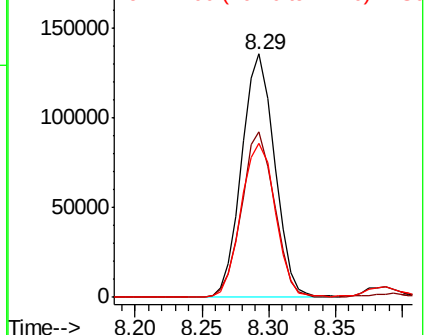
79 100

108 67.7 52.2 78.4

77 63.4 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: 38.504 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

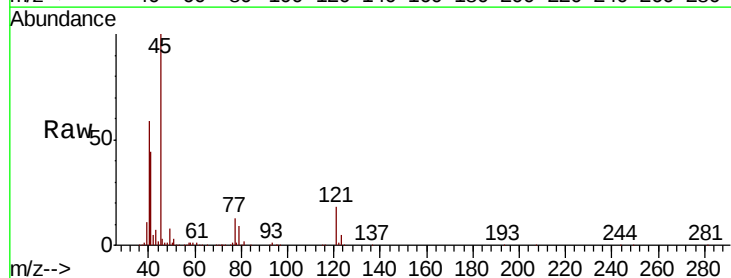
Tgt Ion: 45 Resp: 405611

Ion Ratio Lower Upper

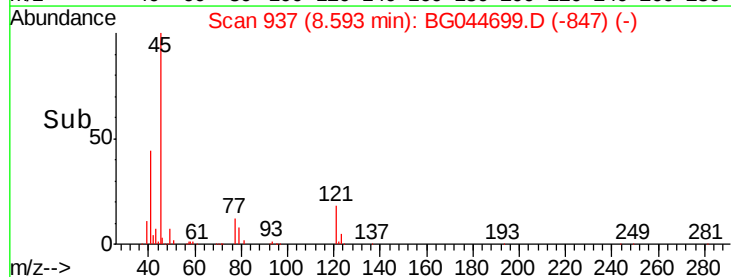
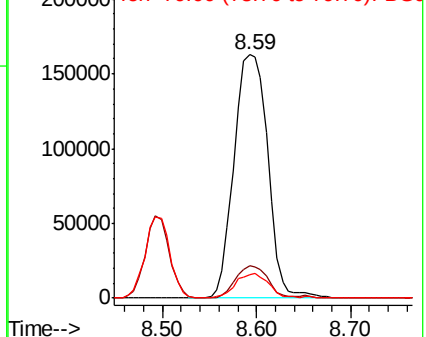
45 100

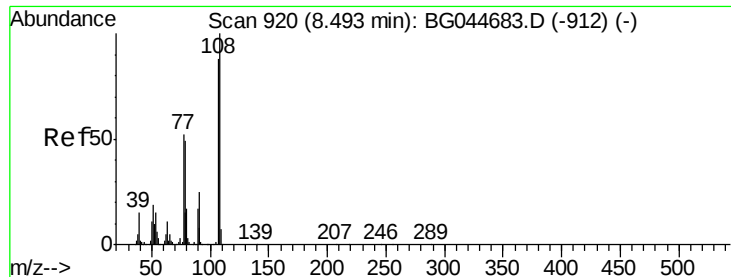
77 13.4 0.0 32.1

79 9.4 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

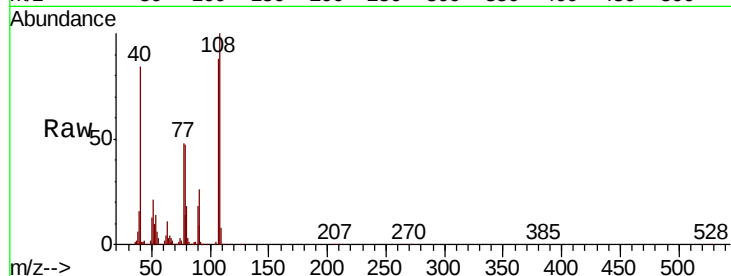




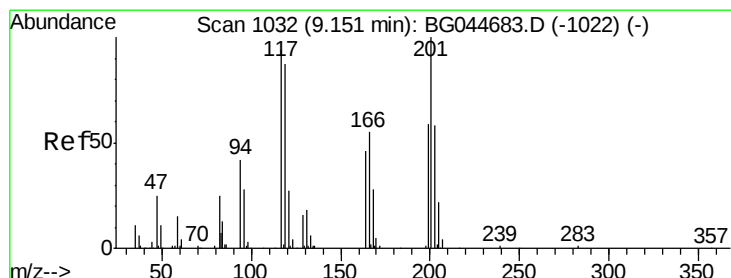
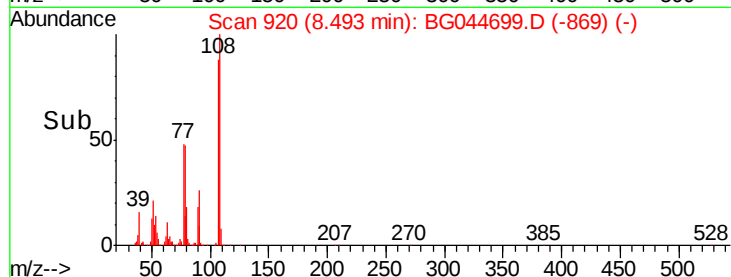
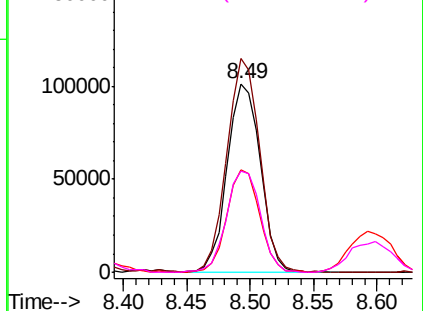
#17
2-Methylphenol
Concen: 36.786 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	182904
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.5	135.7
77	54.2	47.3	70.9
79	53.5	44.6	67.0

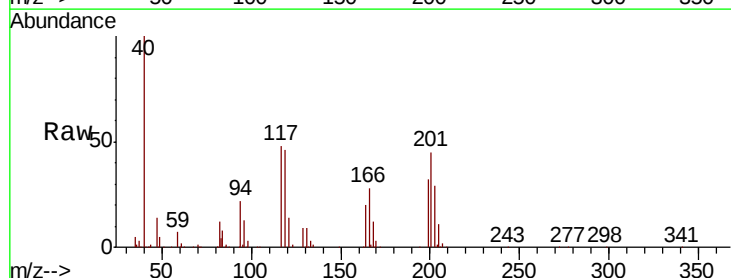


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

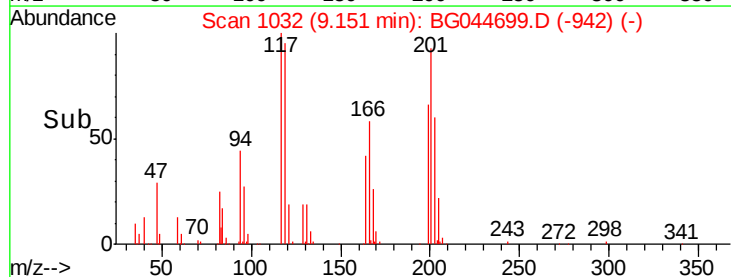
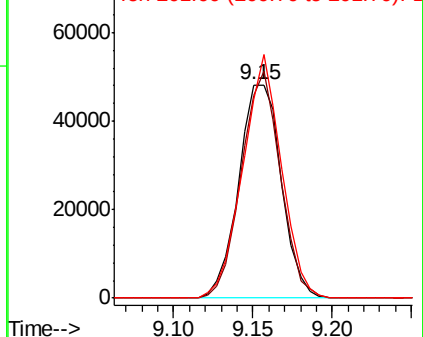


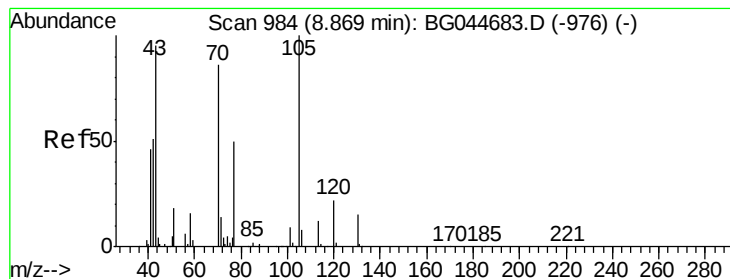
#18
Hexachloroethane
Concen: 38.242 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion:	117	Resp:	90017
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.5	111.7
201	92.9	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: 36.800 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 202516

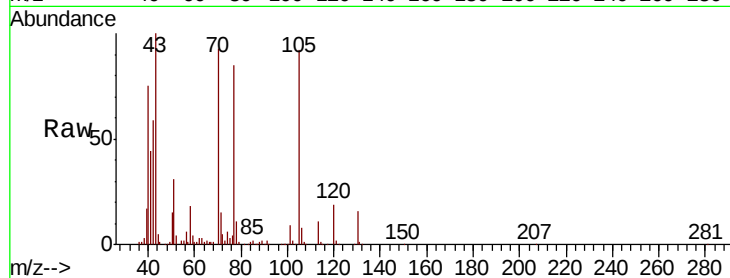
Ion Ratio Lower Upper

70 100

42 63.2 48.9 73.3

101 9.4 8.0 12.0

130 17.3 14.1 21.1

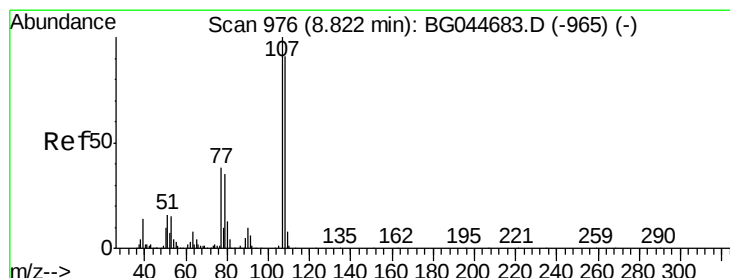
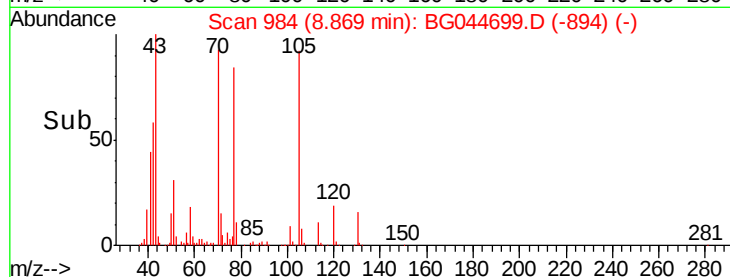
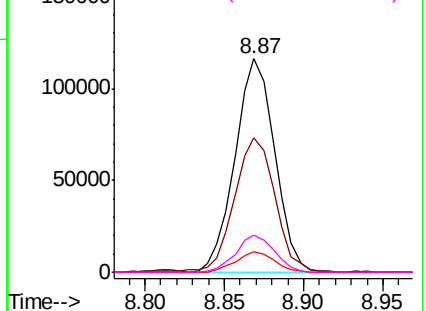


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 37.271 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Tgt Ion: 107 Resp: 258164

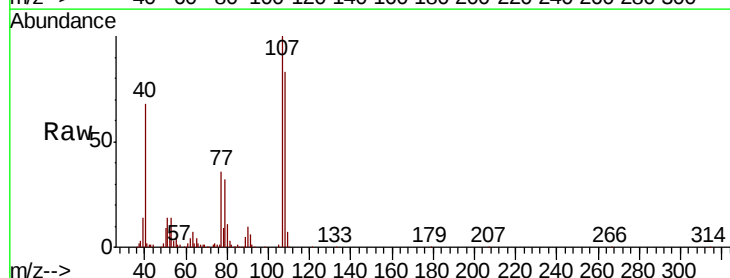
Ion Ratio Lower Upper

107 100

108 83.4 70.8 110.8

77 36.0 17.8 57.8

79 32.3 14.9 54.9

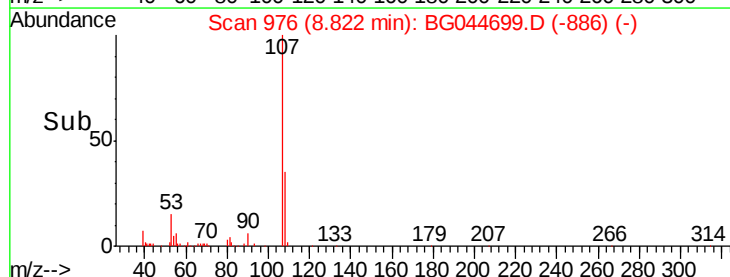
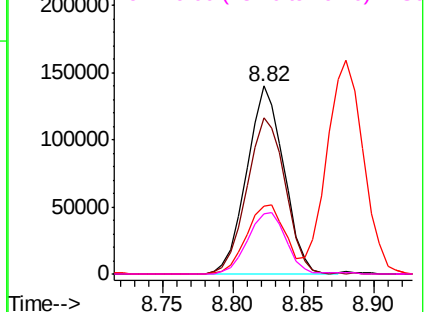


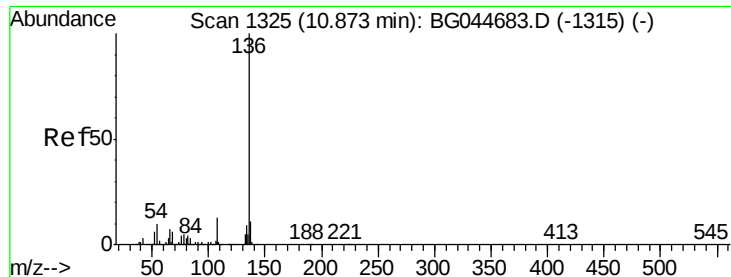
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 307165

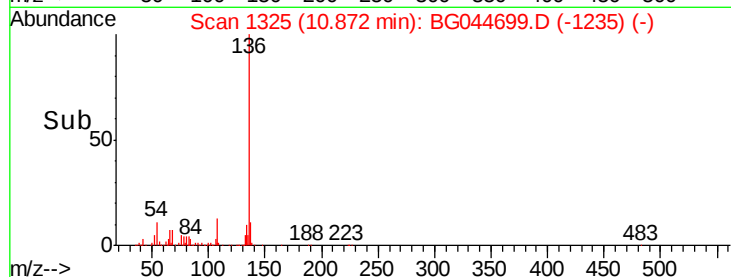
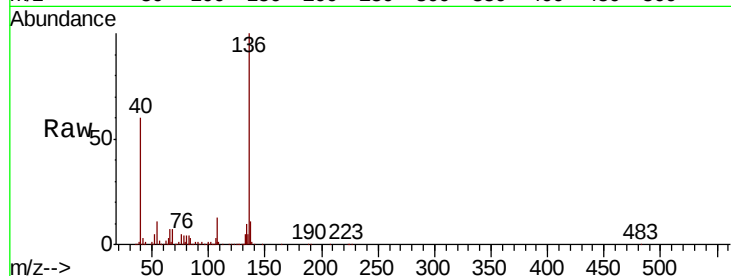
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	10.8	8.2	12.4
68	7.4	5.3	7.9

136 100

137 10.5 8.6 12.8

54 10.8 8.2 12.4

68 7.4 5.3 7.9

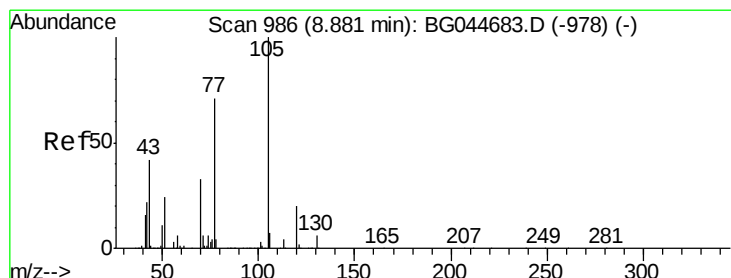
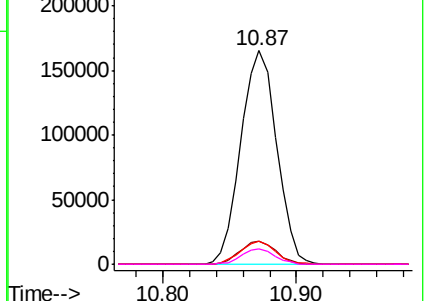


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.072 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Tgt Ion:105 Resp: 323460

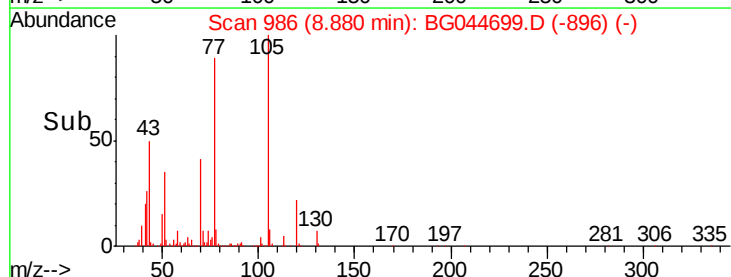
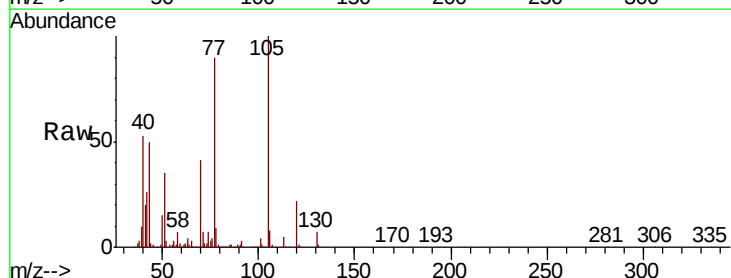
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.8	7.2
51	34.7	24.0	36.0
120	21.7	16.2	24.2

105 100

71 6.8 4.8 7.2

51 34.7 24.0 36.0

120 21.7 16.2 24.2

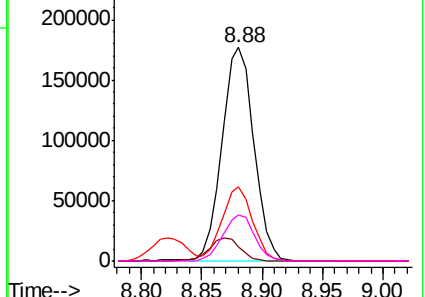


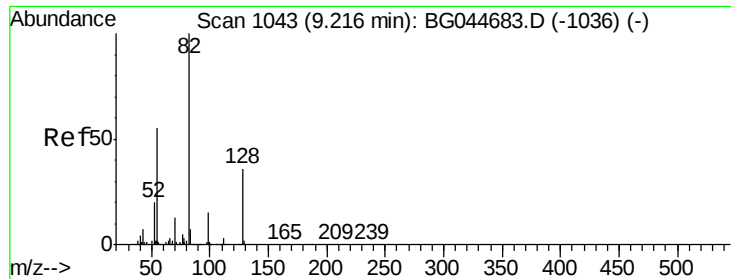
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

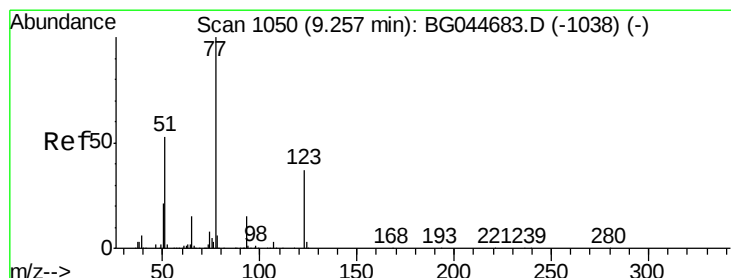
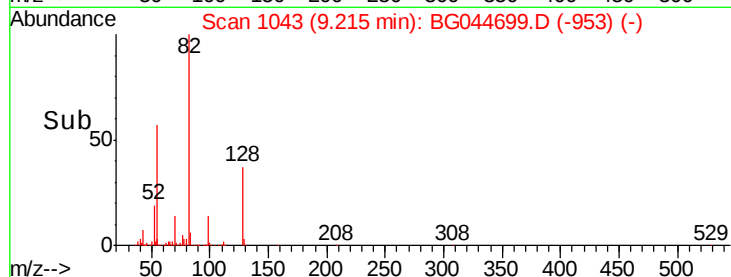
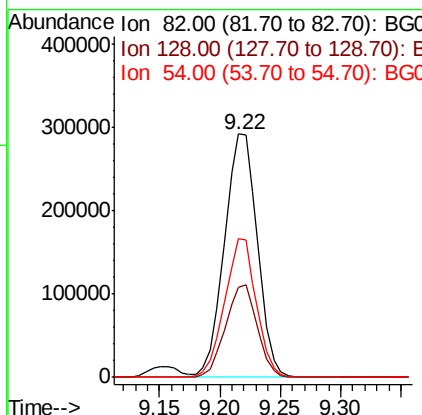
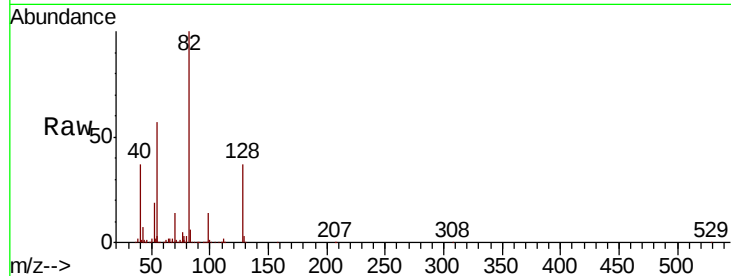




#23
 Nitrobenzene-d5
 Concen: 81.789 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

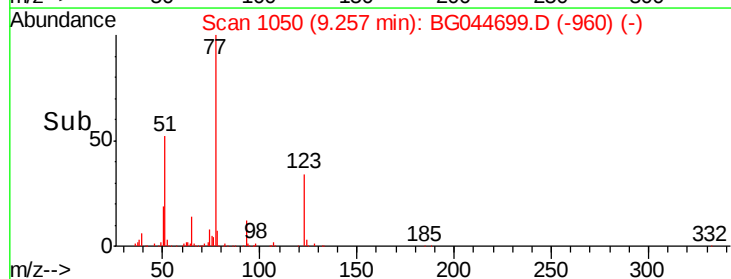
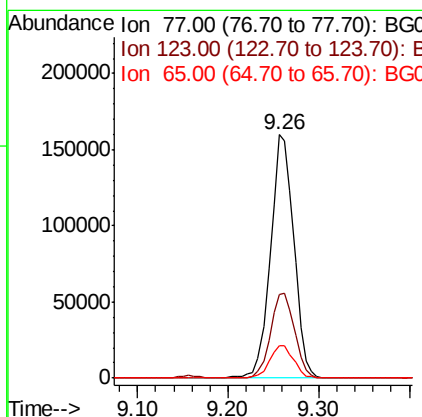
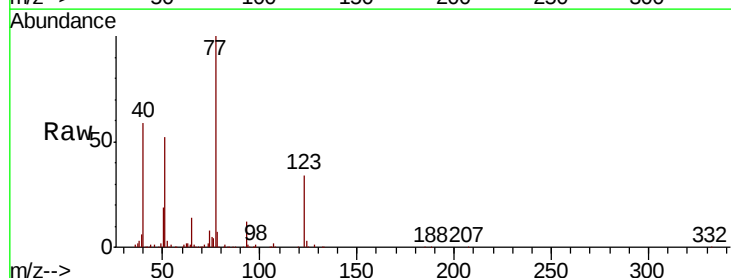
Instrument :
 BNA_G
 ClientSampleId :

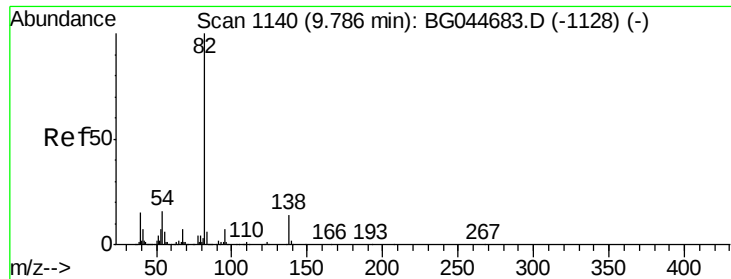
Tot Ion	82	Resp	551777
Ion Ratio	Lower	Upper	
82	100		
128	36.8	28.5	42.7
54	57.1	43.6	65.4



#24
 Nitrobenzene
 Concen: 39.934 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Tgt Ion	77	Resp	285639
Ion Ratio	Lower	Upper	
77	100		
123	34.2	29.7	44.5
65	13.6	11.7	17.5





#25

Isophorone

Concen: 35.718 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

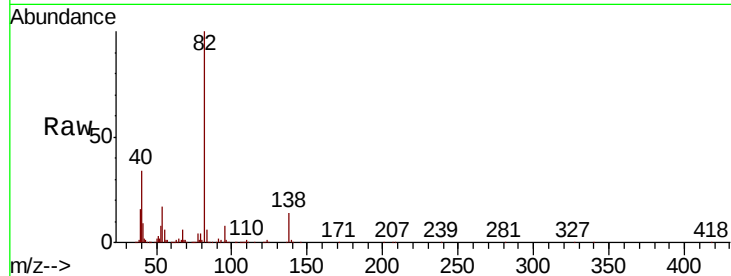
Tot Ion: 82 Resp: 531399

Ion Ratio Lower Upper

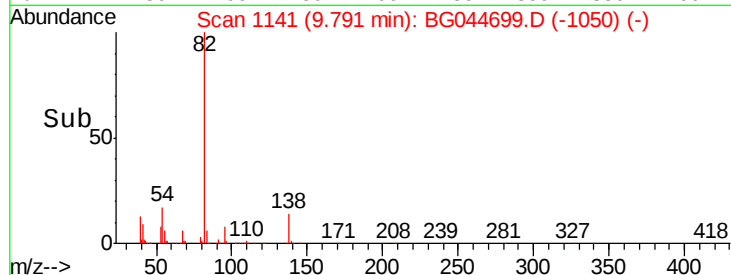
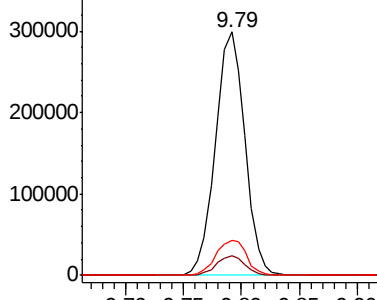
82 100

95 8.0 6.0 9.0

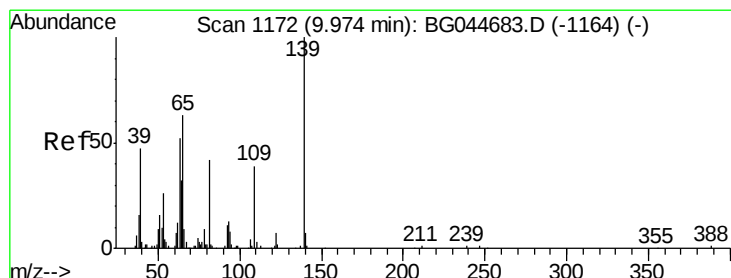
138 14.4 11.2 16.8



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



Time-->



#26

2-Nitrophenol

Concen: 39.571 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

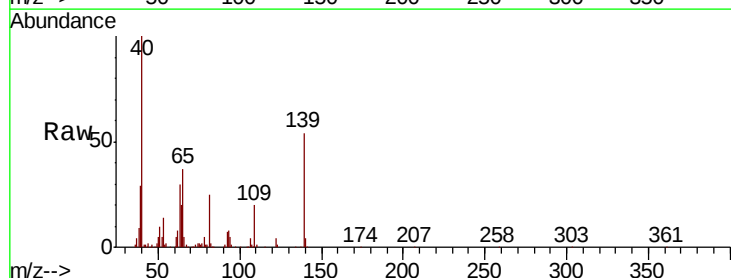
Tgt Ion: 139 Resp: 95317

Ion Ratio Lower Upper

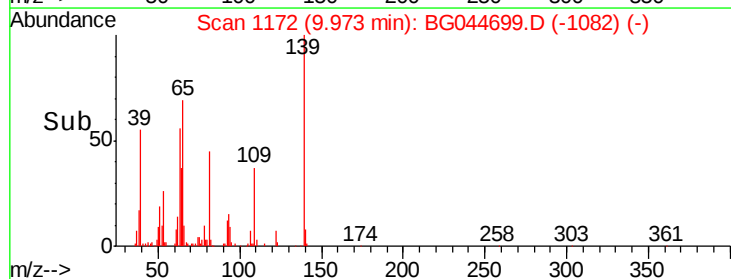
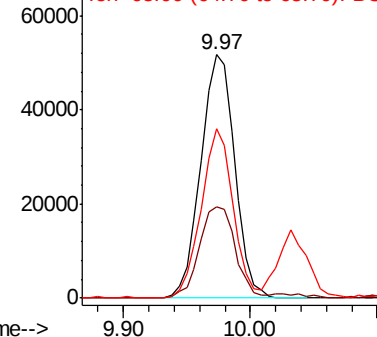
139 100

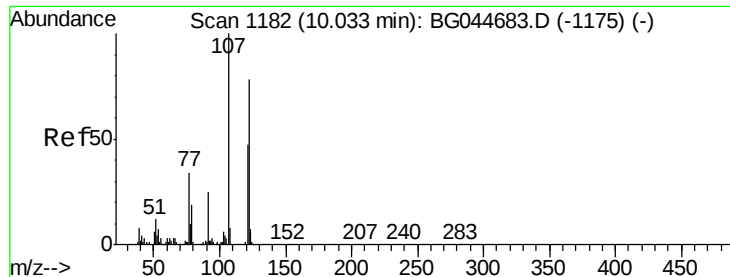
109 37.4 31.1 46.7

65 69.4 50.2 75.4



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





#27

2,4-Dimethylphenol

Concen: 36.435 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

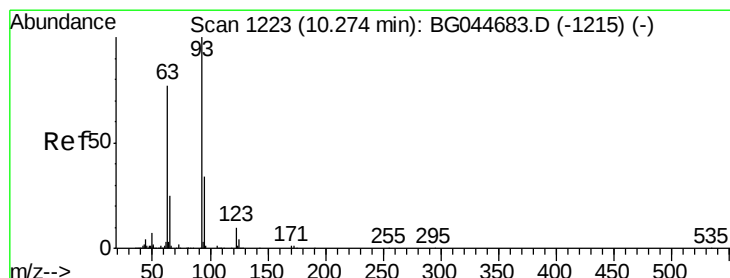
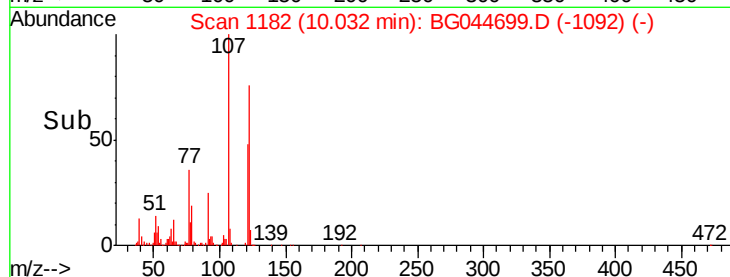
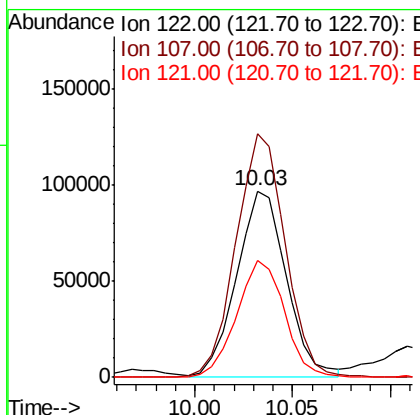
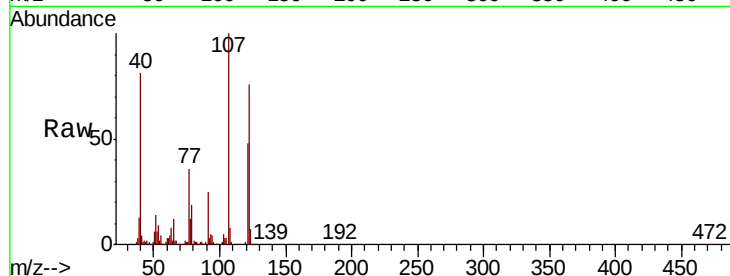
Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 170062

Ion	Ratio	Lower	Upper
122	100		
107	130.8	101.7	152.5
121	63.0	47.5	71.3



#28

bis(2-Chloroethoxy)methane

Concen: 37.065 ng

RT: 10.27 min Scan# 1223

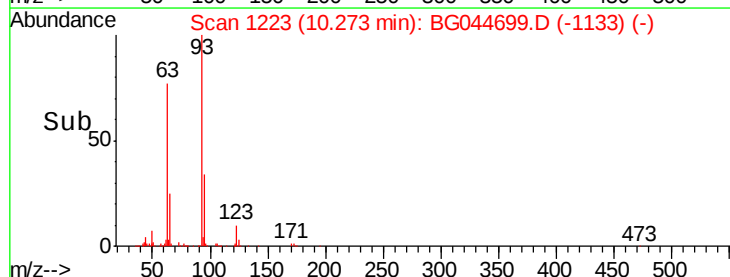
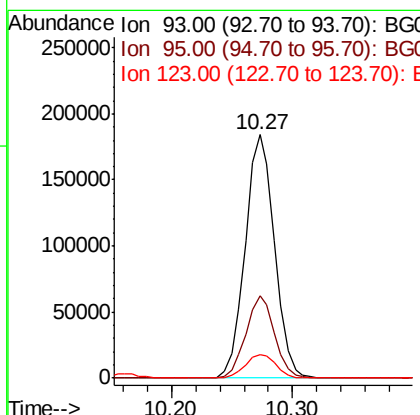
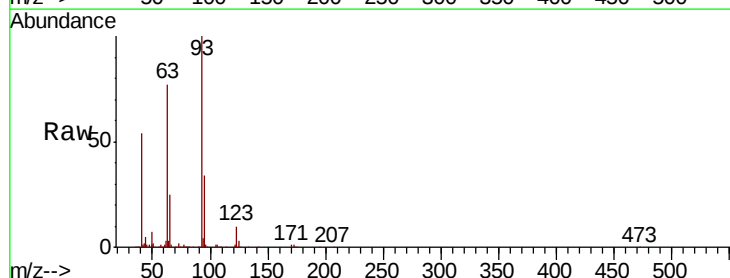
Delta R.T. -0.00 min

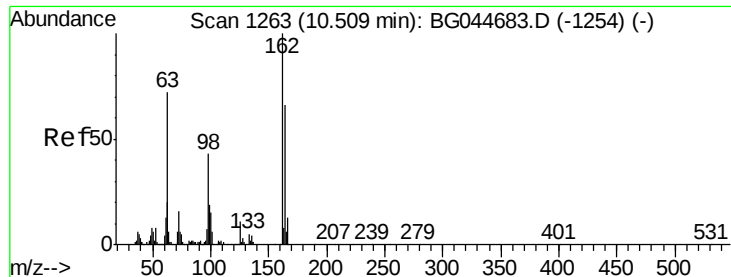
Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Tgt Ion: 93 Resp: 310444

Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.0	40.6
123	9.7	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 37.910 ng

RT: 10.51 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

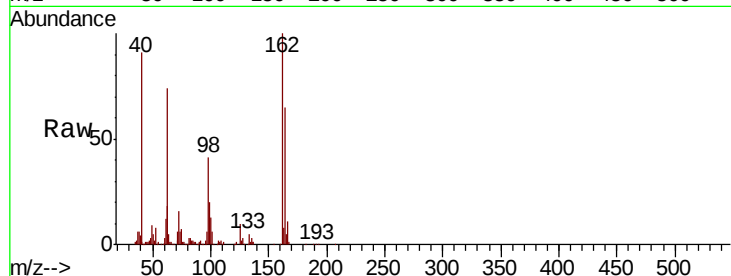
Tot Ion:162 Resp: 201334

Ion Ratio Lower Upper

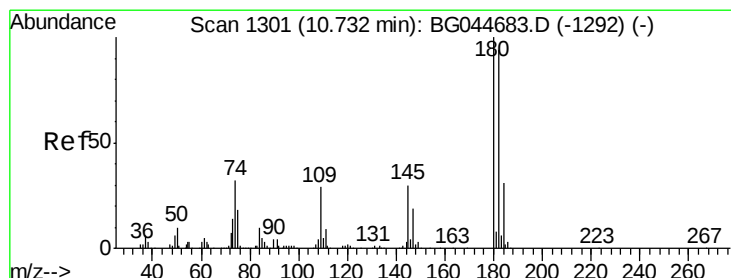
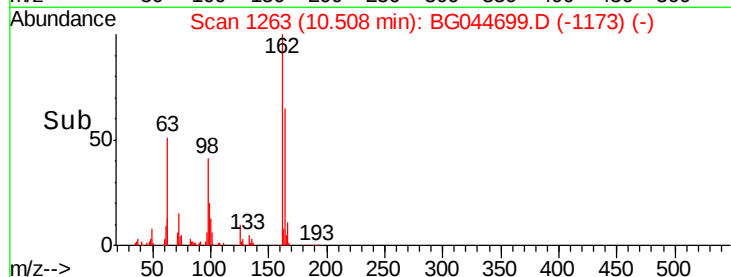
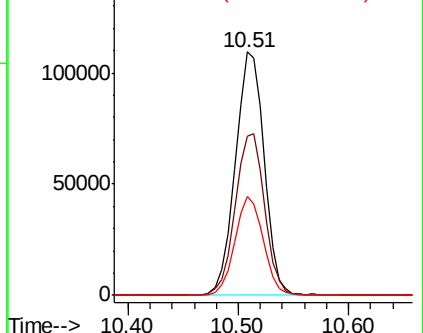
162 100

164 65.4 46.1 86.1

98 40.9 22.8 62.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.816 ng

RT: 10.74 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

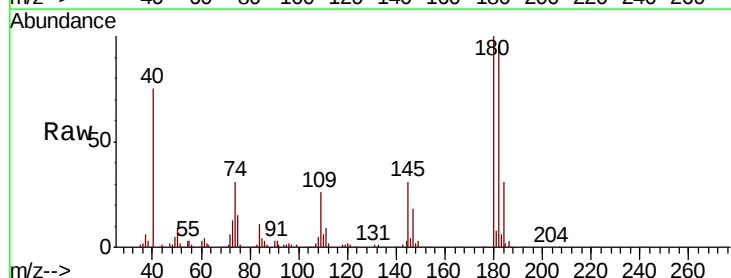
Tgt Ion:180 Resp: 233286

Ion Ratio Lower Upper

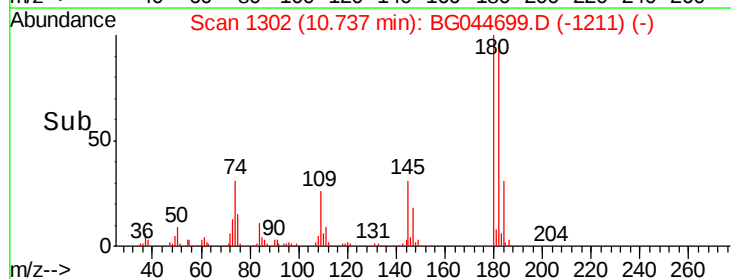
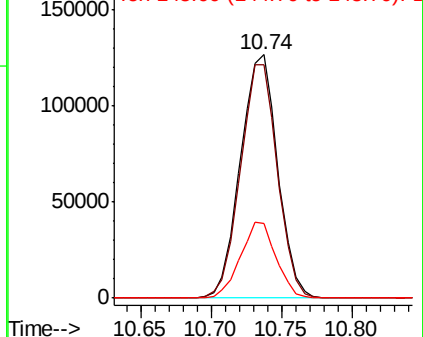
180 100

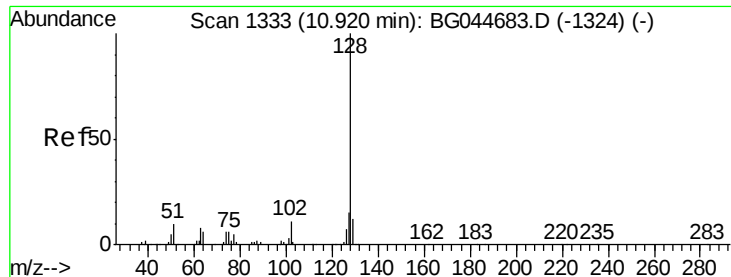
182 95.6 75.1 112.7

145 30.7 23.8 35.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

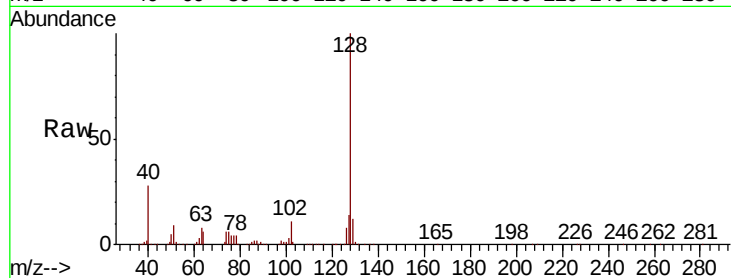




#31
Naphthalene
Concen: 37.804 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.7	14.5
127	14.2	11.6	17.4

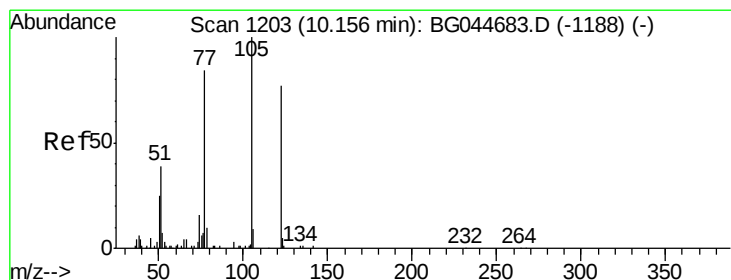
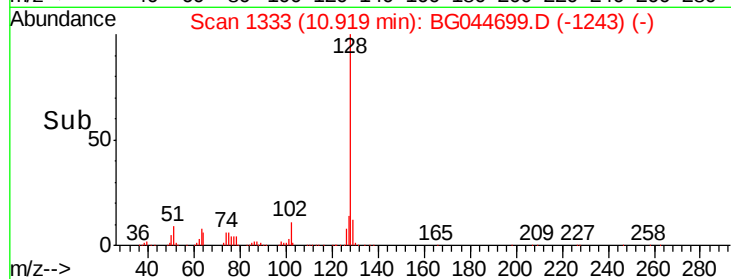
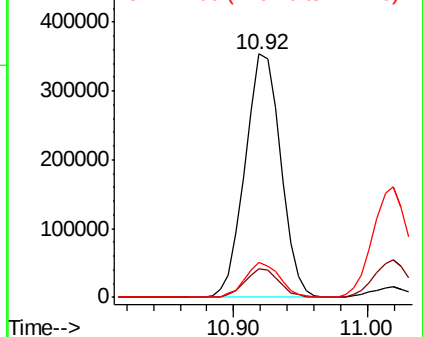


Abundance

Ion 128.00 (127.70 to 128.70): E

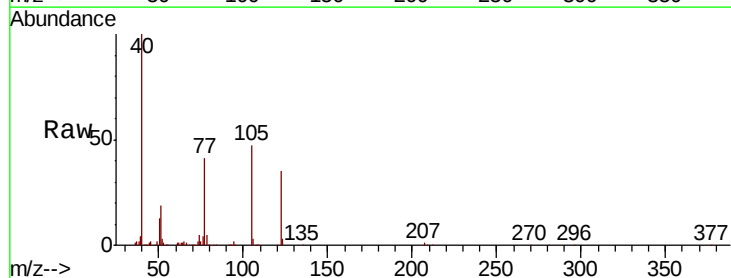
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.239 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.5	105.1	145.1
77	115.7	87.7	127.7

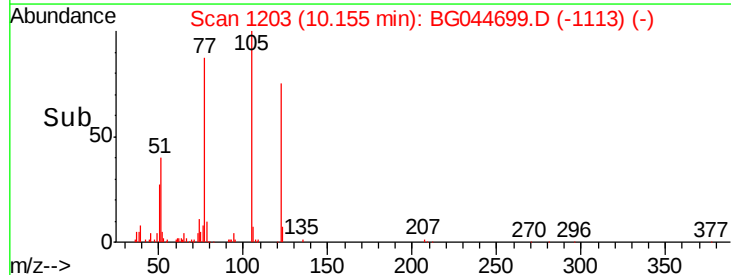
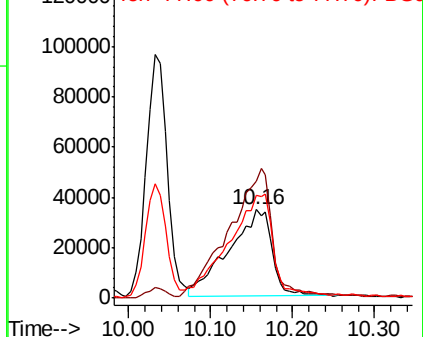


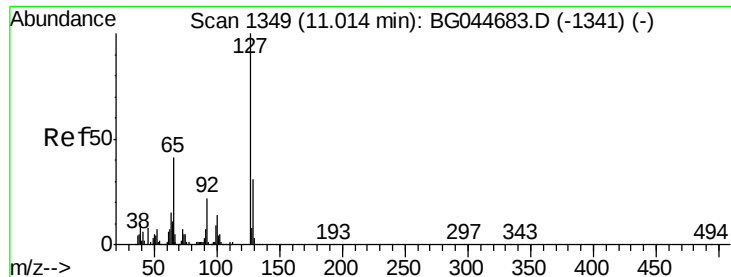
Abundance

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): E

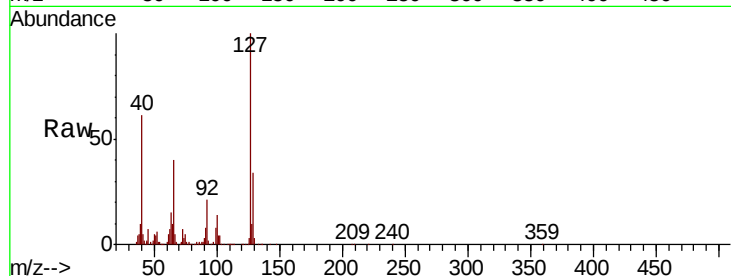




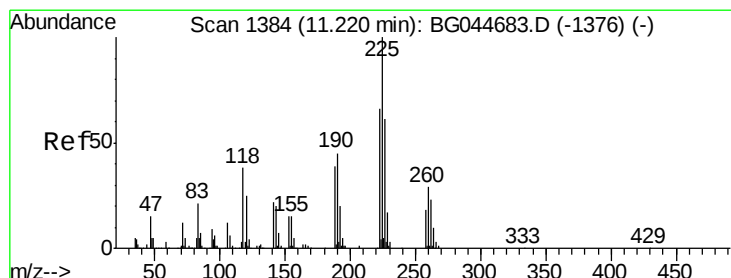
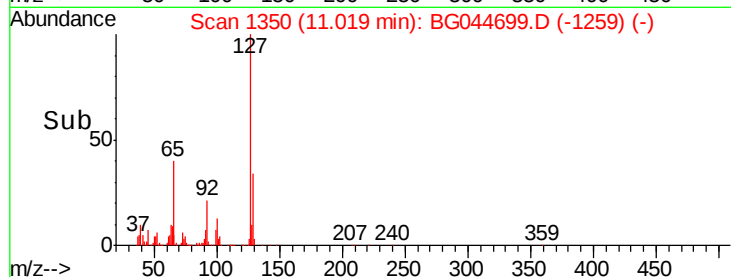
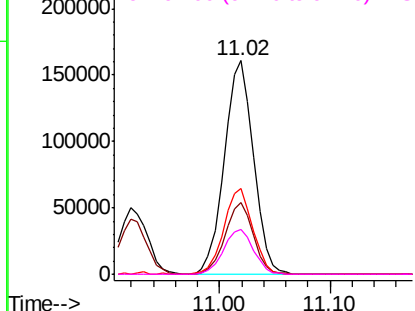
#33
4-Chloroaniline
Concen: 37.495 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	297695
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.0	37.4
65	39.9	32.7	49.1
92	21.1	17.3	25.9

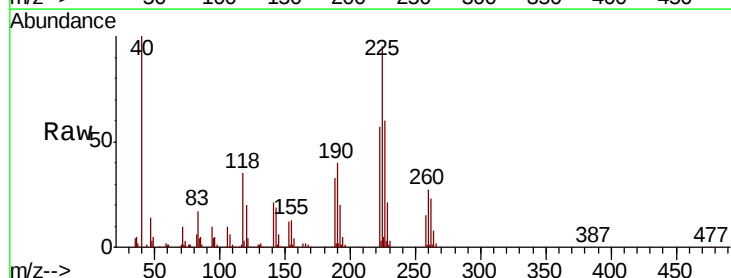


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

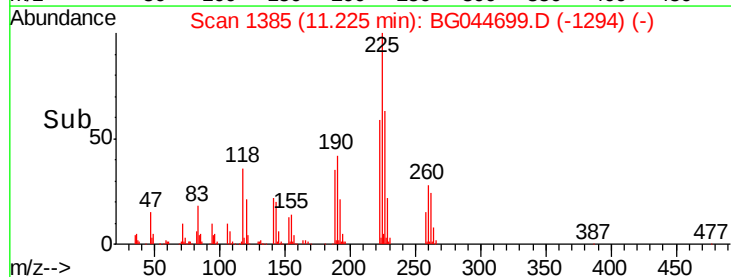
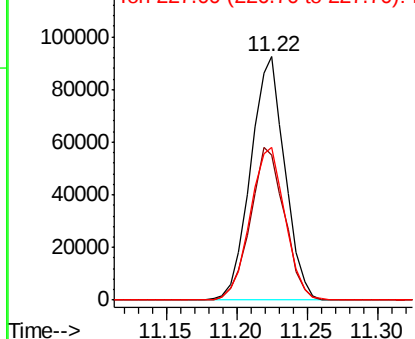


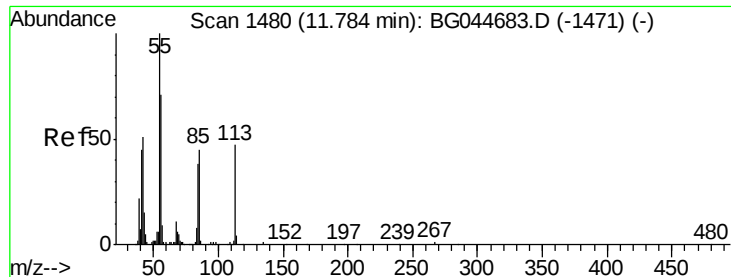
#34
Hexachlorobutadiene
Concen: 37.152 ng
RT: 11.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion:	225	Resp:	156588
Ion	Ratio	Lower	Upper
225	100		
223	59.4	52.4	78.6
227	62.5	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: 37.124 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

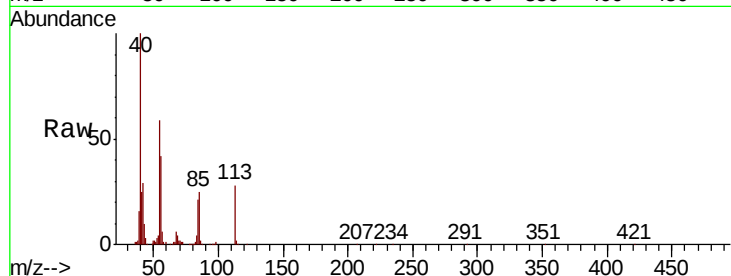
Tot Ion:113 Resp: 82303

Ion Ratio Lower Upper

113 100

55 208.8 194.3 234.3

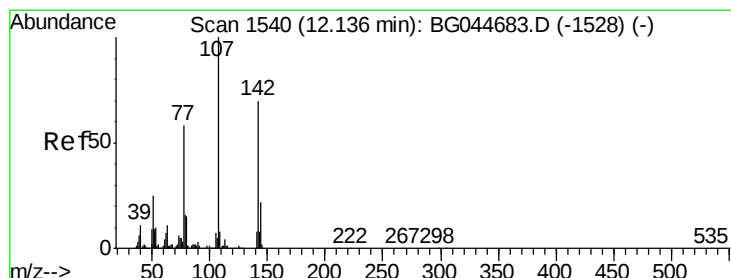
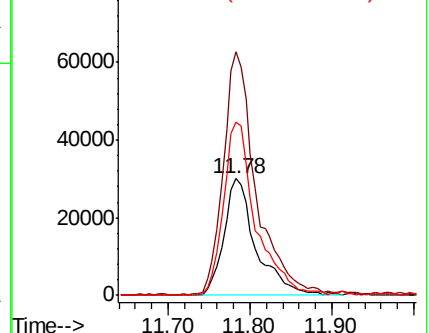
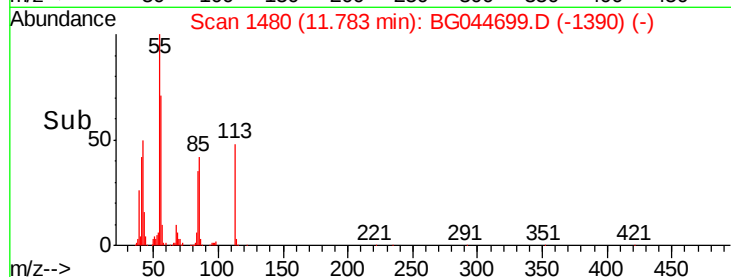
56 148.1 131.4 171.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 36.715 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

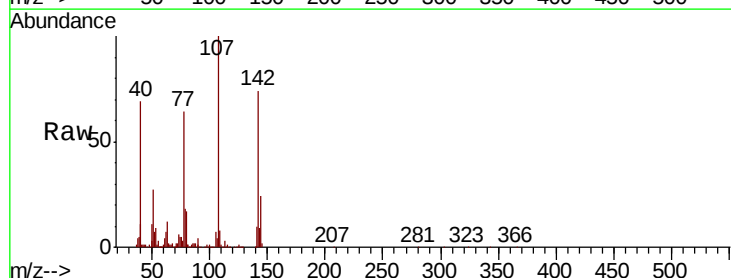
Tgt Ion:107 Resp: 246935

Ion Ratio Lower Upper

107 100

144 23.8 17.9 26.9

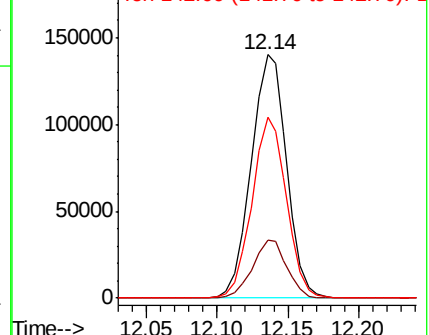
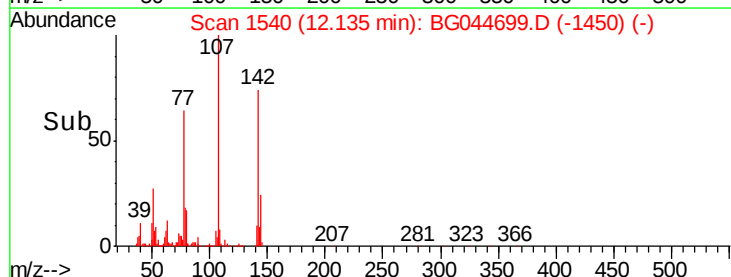
142 74.1 55.8 83.8

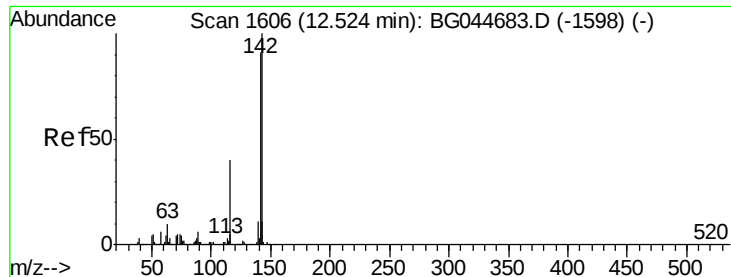


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

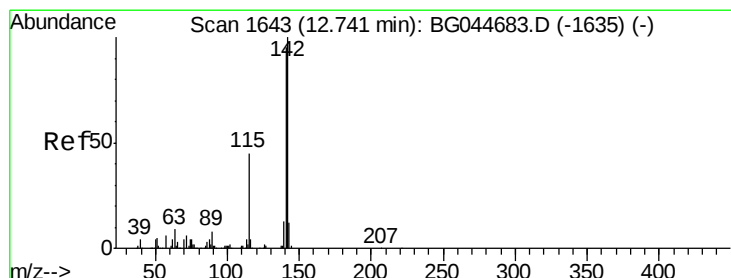
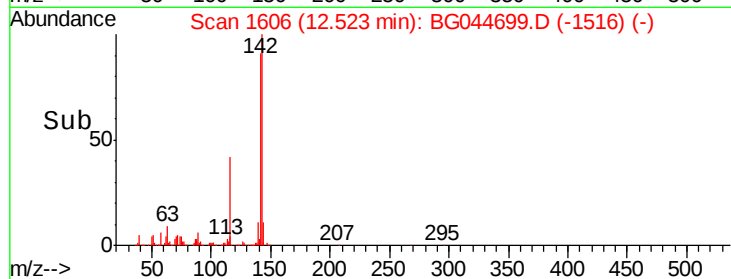
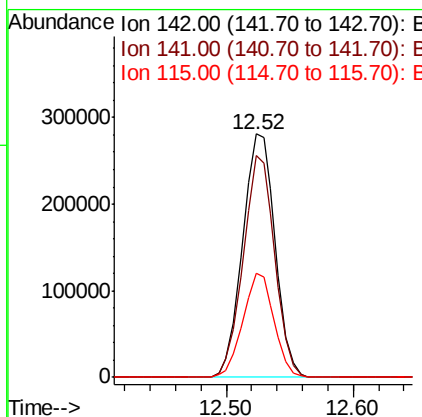
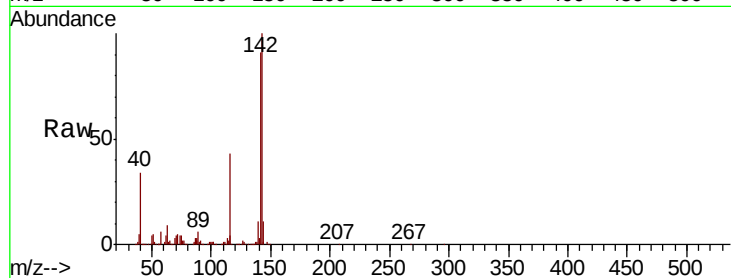




#37
 2-Methylnaphthalene
 Concen: 38.318 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

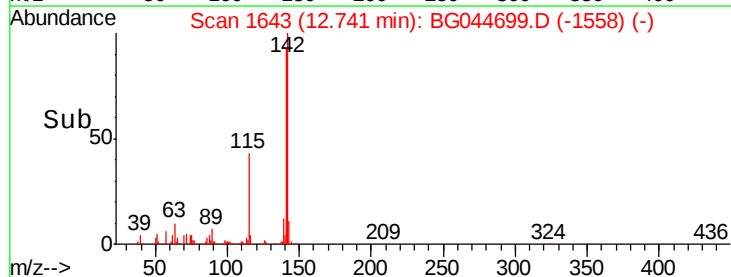
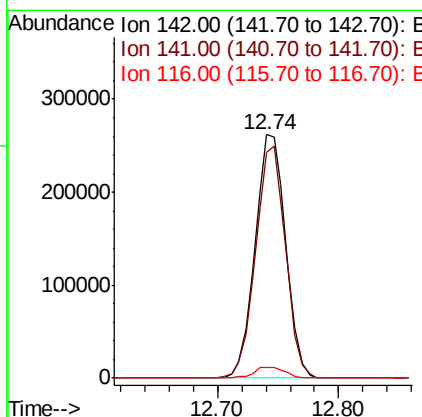
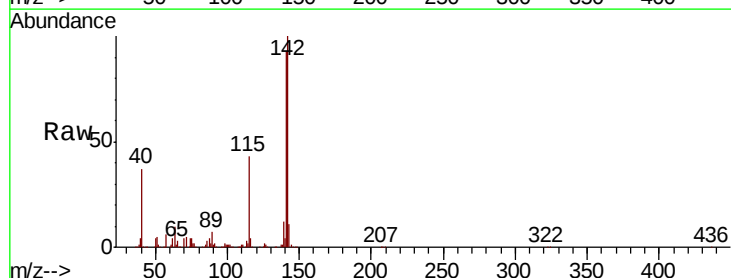
Instrument :
 BNA_G
 ClientSampleId :

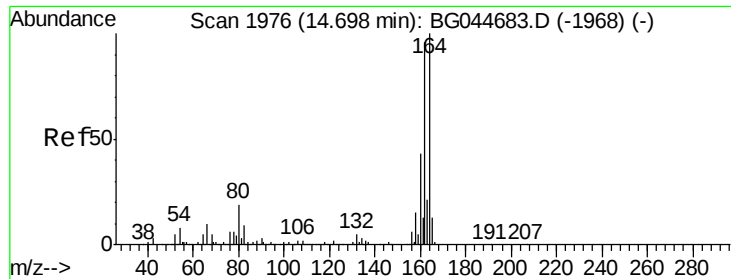
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.9	109.3
115	42.6	32.3	48.5



#38
 1-Methylnaphthalene
 Concen: 37.520 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	76.2	114.2
116	4.3	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

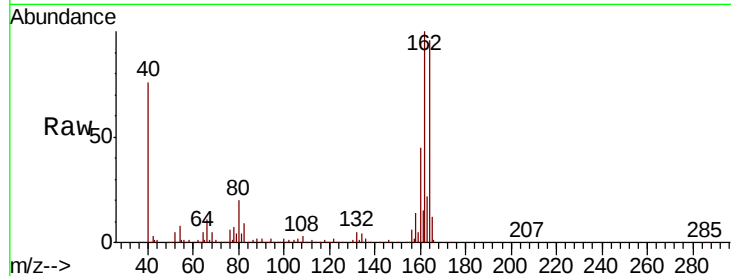
Tot Ion:164 Resp: 214133

Ion Ratio Lower Upper

164 100

162 104.5 76.5 114.7

160 47.2 34.8 52.2

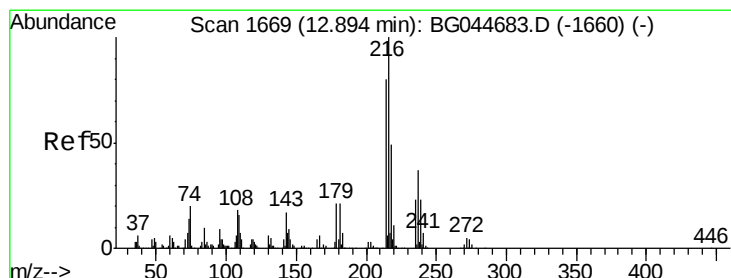
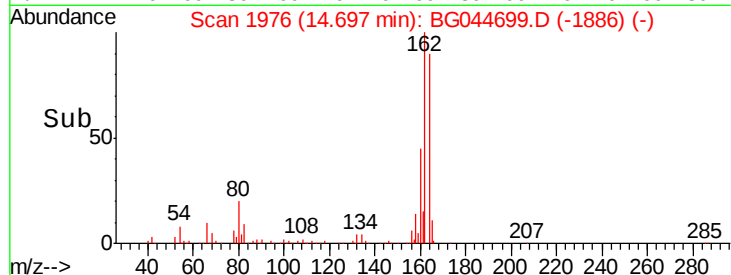
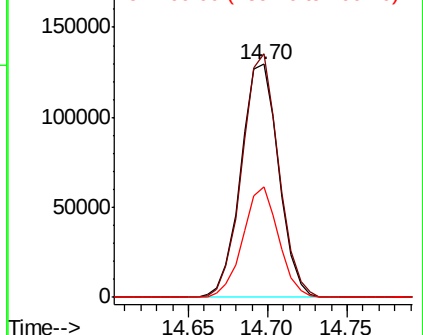


Abundance

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: 37.809 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Tgt Ion:216 Resp: 262828

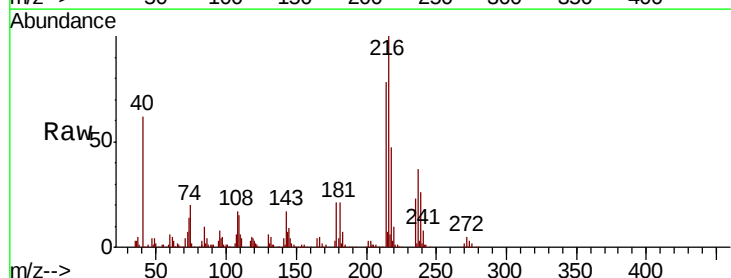
Ion Ratio Lower Upper

216 100

214 78.8 64.5 96.7

179 21.3 16.7 25.1

108 19.5 15.8 23.6



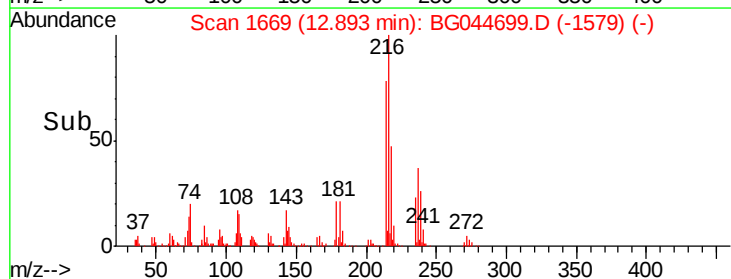
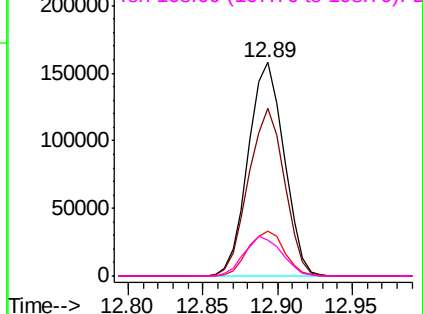
Abundance

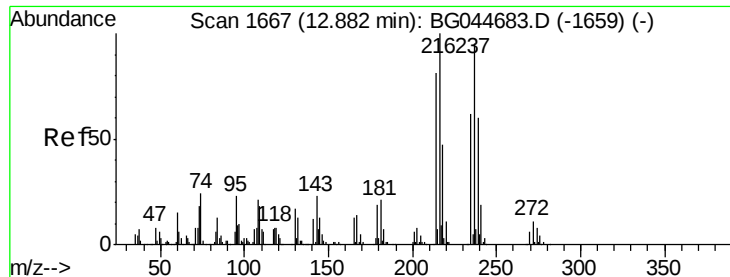
Ion 216.00 (215.70 to 216.70): E

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: 37.633 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

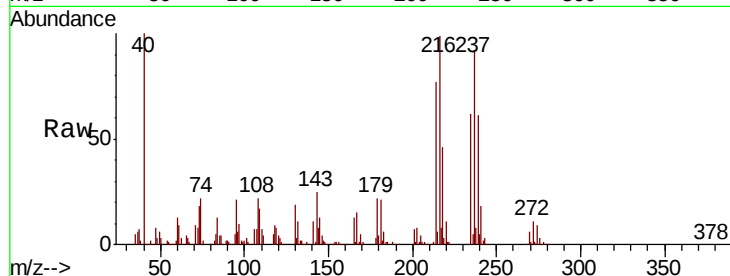
Tot Ion:237 Resp: 152978

Ion Ratio Lower Upper

237 100

235 67.1 44.7 84.7

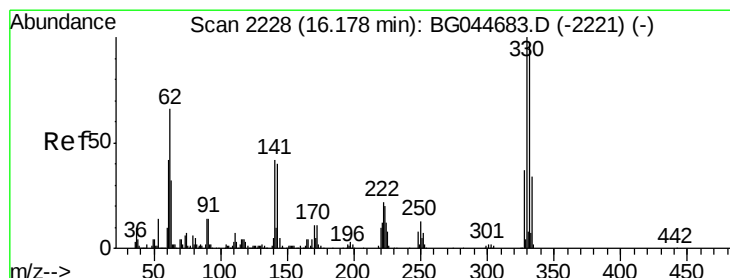
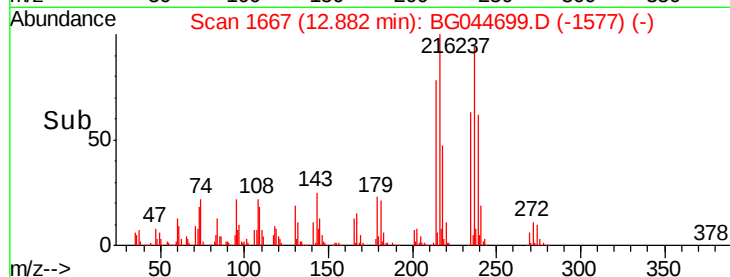
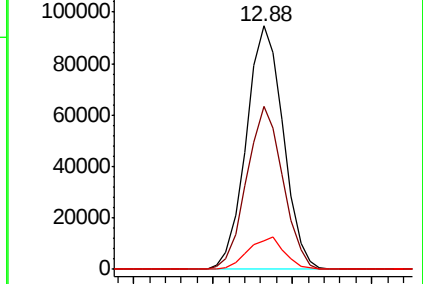
272 11.8 0.0 31.7



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: 78.864 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

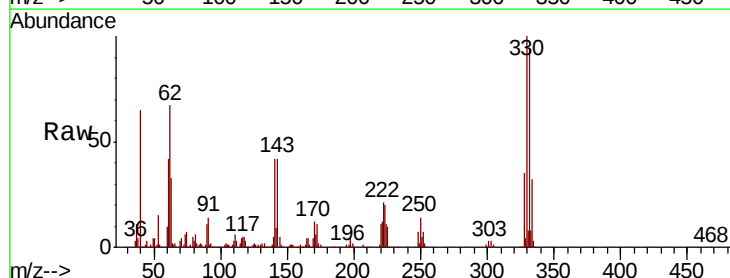
Tgt Ion:330 Resp: 231974

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

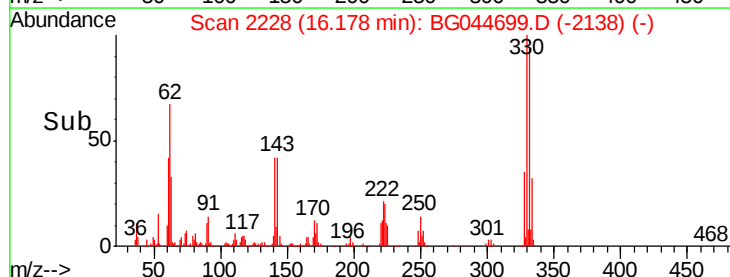
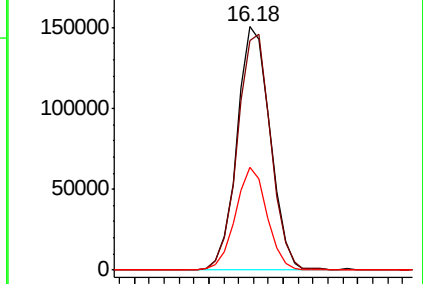
141 40.4 32.4 48.6

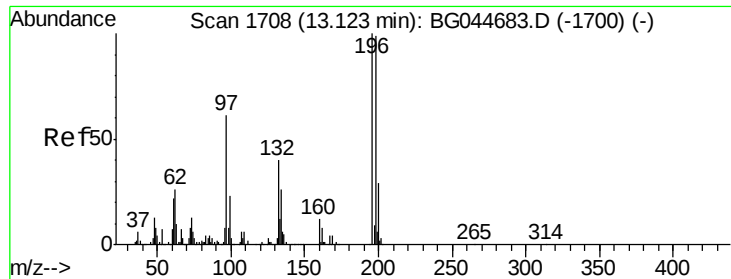


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

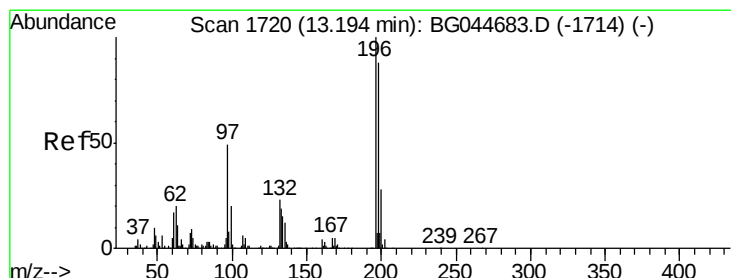
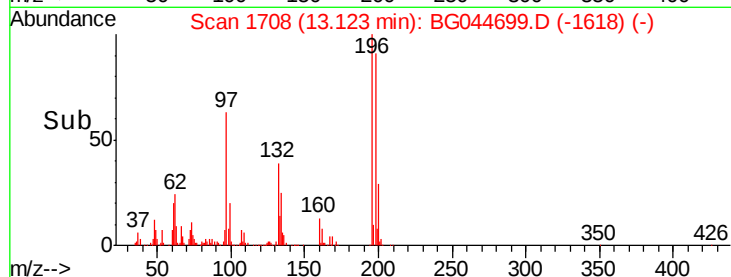
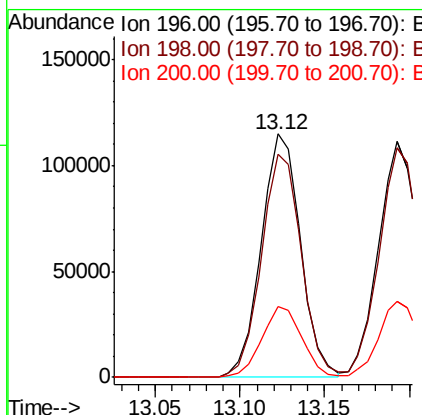
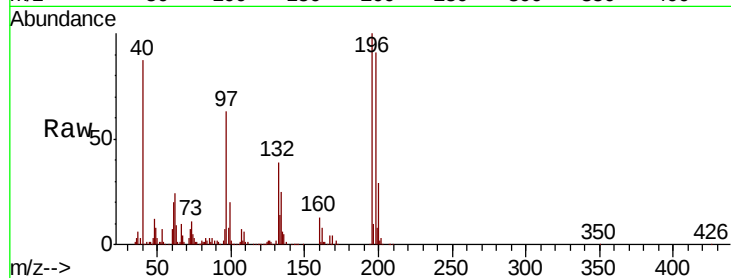




#43
 2,4,6-Trichlorophenol
 Concen: 38.525 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

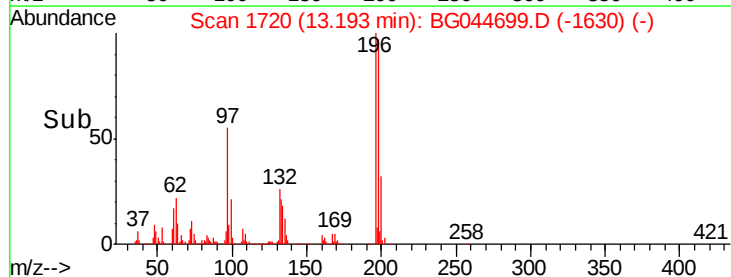
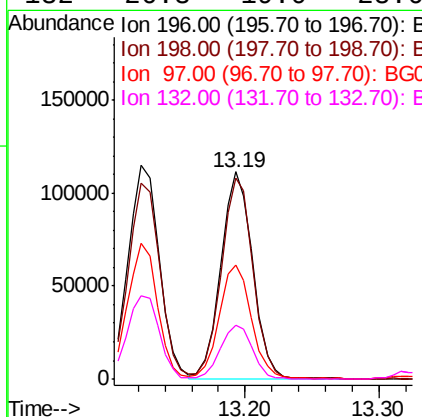
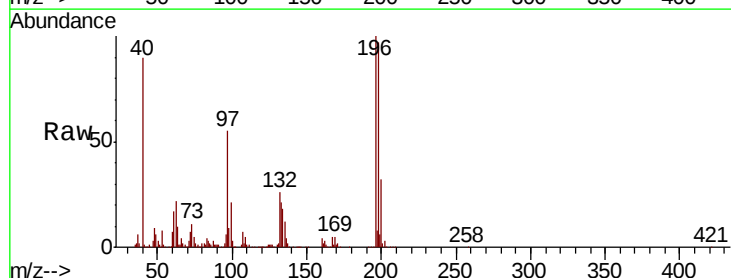
Instrument :
 BNA_G
 ClientSampleId :

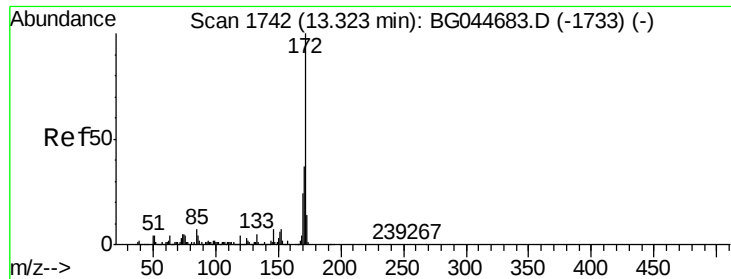
Tot Ion	196	Resp	185659
Ion Ratio	Lower	Upper	
196	100		
198	91.5	79.3	118.9
200	29.3	23.0	34.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.600 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Tgt Ion	196	Resp	185829
Ion Ratio	Lower	Upper	
196	100		
198	97.3	70.7	106.1
97	55.1	39.4	59.2
132	26.3	19.0	28.6

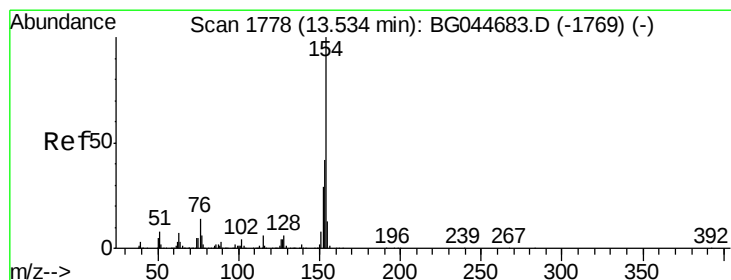
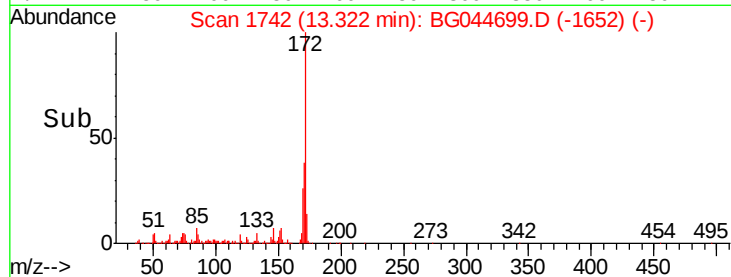
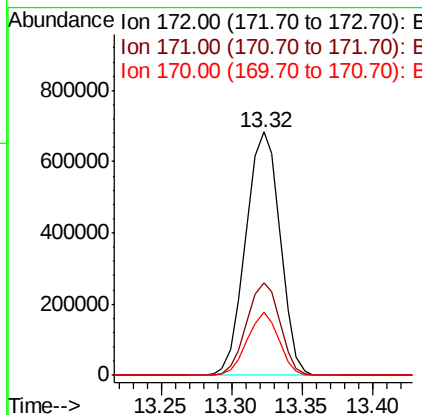
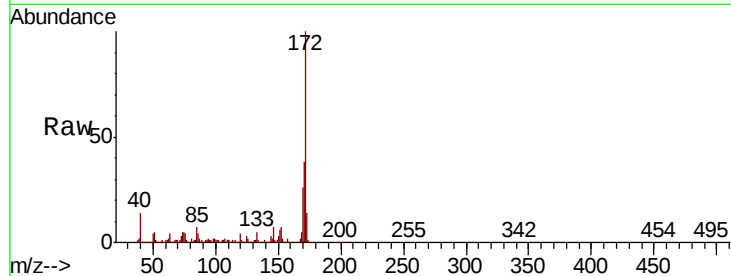




#45
2-Fluorobiphenyl
Concen: 76.094 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

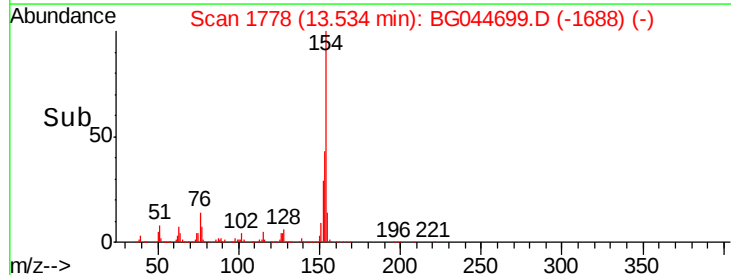
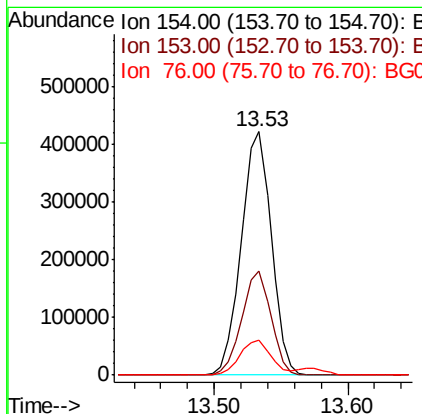
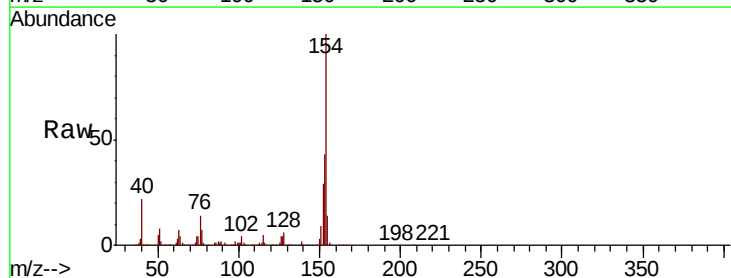
Instrument :
BNA_G
ClientSampleId :

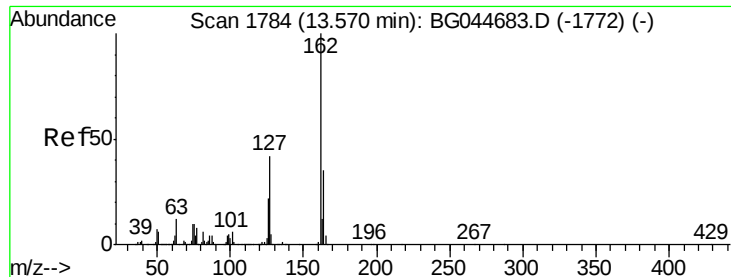
Tot Ion:172 Resp: 1169709
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.8
170 25.8 19.3 28.9



#46
1,1'-Biphenyl
Concen: 38.472 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion:154 Resp: 655220
Ion Ratio Lower Upper
154 100
153 42.7 22.1 62.1
76 14.2 0.0 34.5

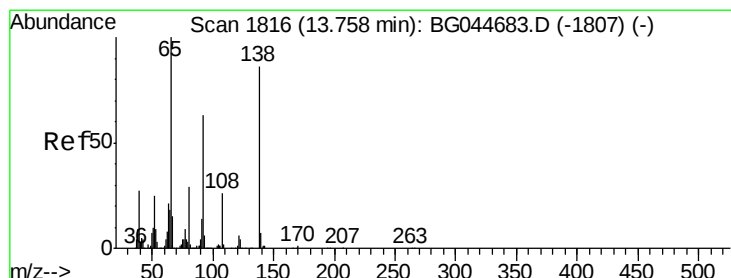
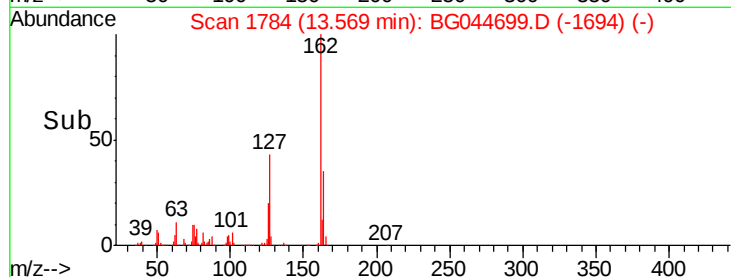
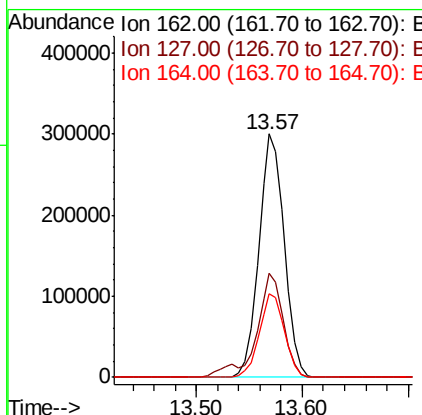
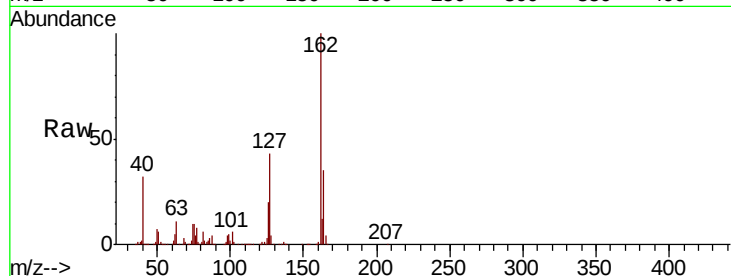




#47
 2-Chloronaphthalene
 Concen: 38.434 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

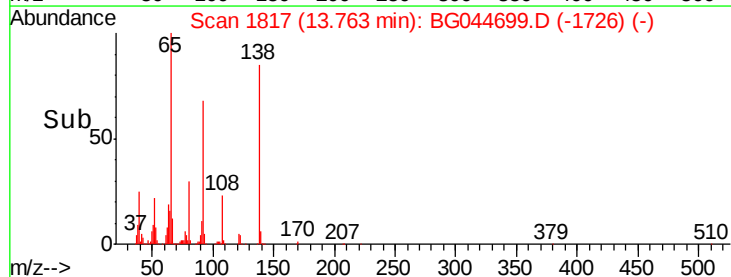
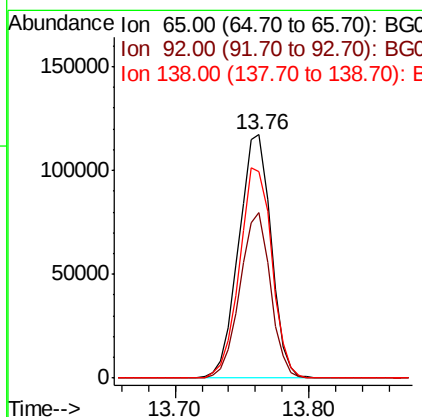
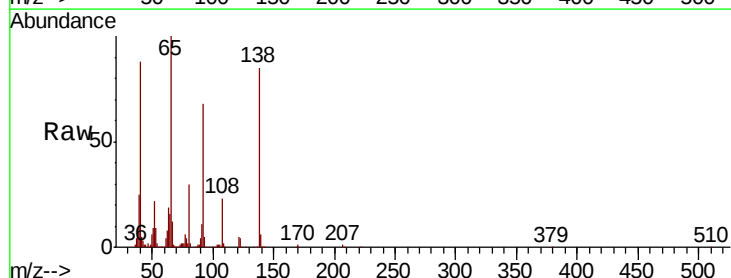
Instrument :
 BNA_G
 ClientSampleId :

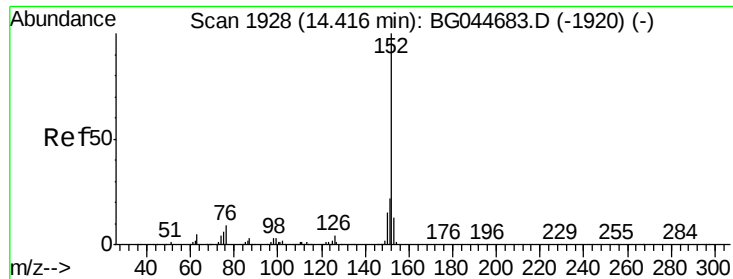
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.9	50.9
164	34.6	28.3	42.5



#48
 2-Nitroaniline
 Concen: 42.404 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	50.6	75.8
138	84.7	68.8	103.2





#49

Acenaphthylene

Concen: 38.593 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

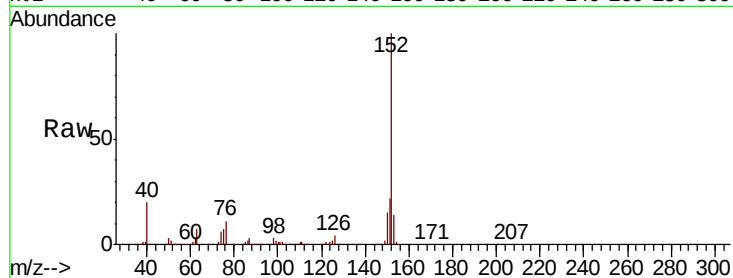
Tot Ion:152 Resp: 803256

Ion Ratio Lower Upper

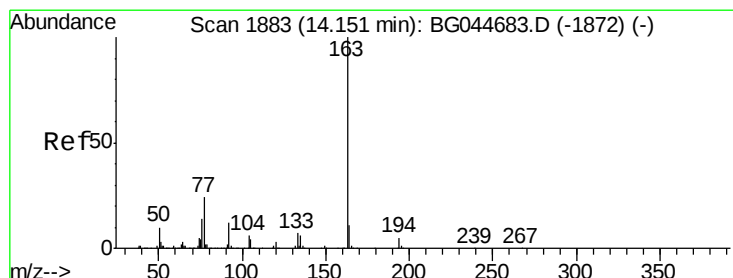
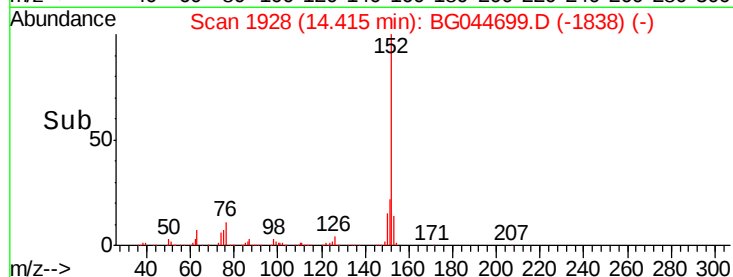
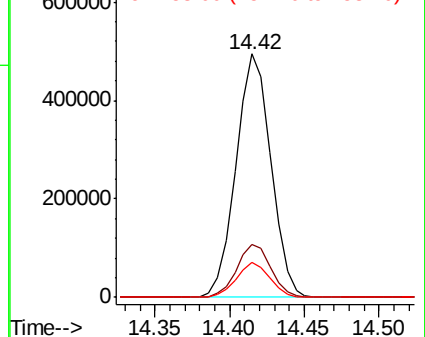
152 100

151 21.7 17.6 26.4

153 14.2 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: 38.340 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

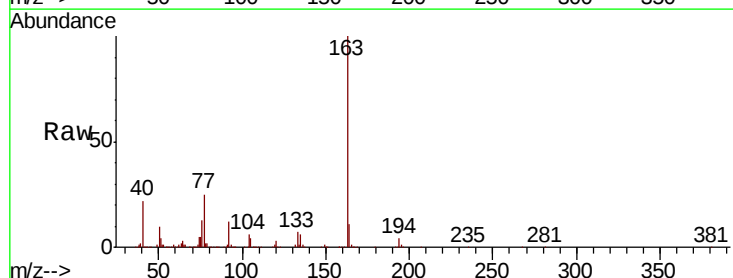
Tgt Ion:163 Resp: 682522

Ion Ratio Lower Upper

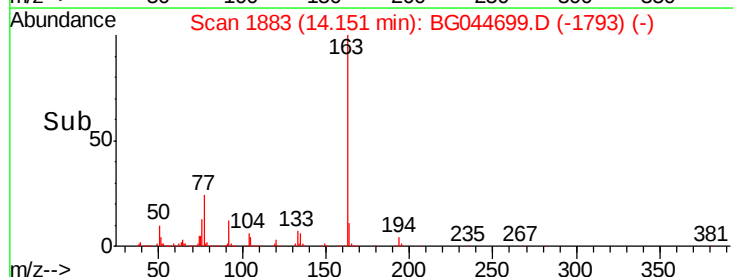
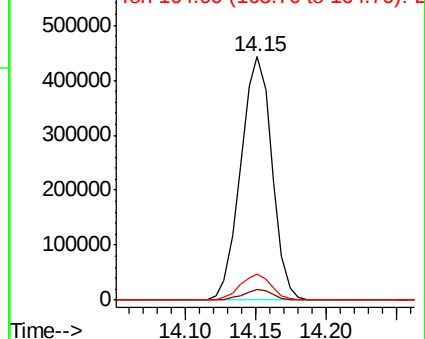
163 100

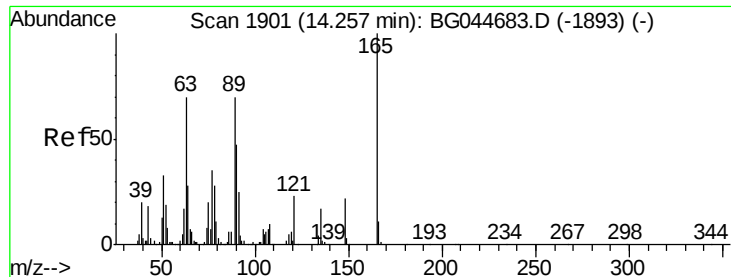
194 4.2 3.7 5.5

164 10.8 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

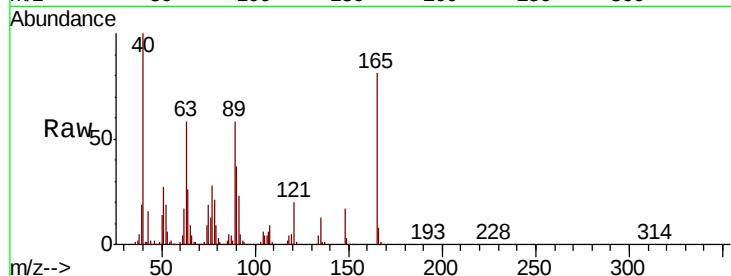




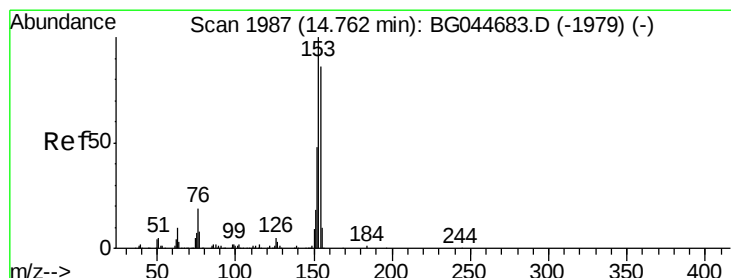
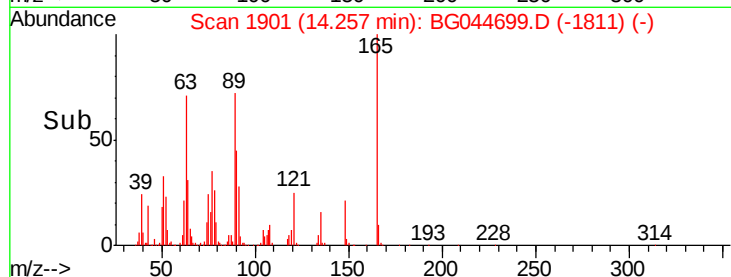
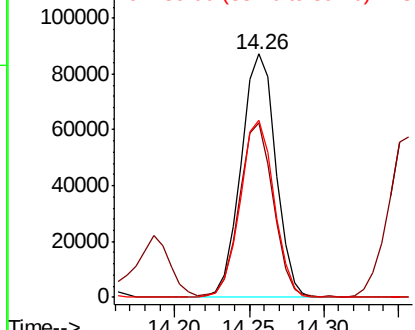
#51
 2,6-Dinitrotoluene
 Concen: 43.757 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 139972
 Ion Ratio Lower Upper
 165 100
 63 71.5 57.4 86.0
 89 72.5 56.2 84.2

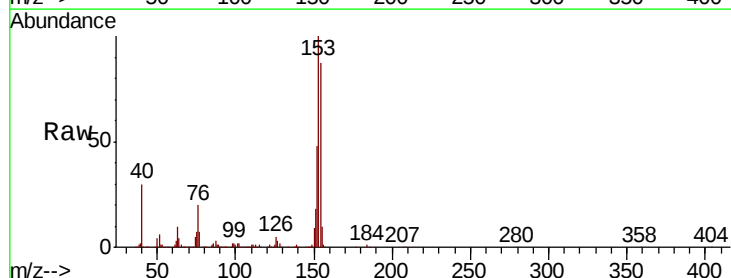


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

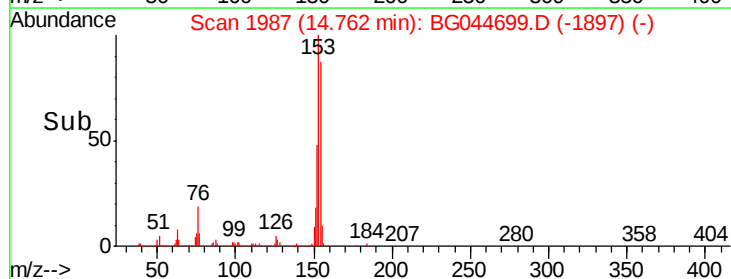
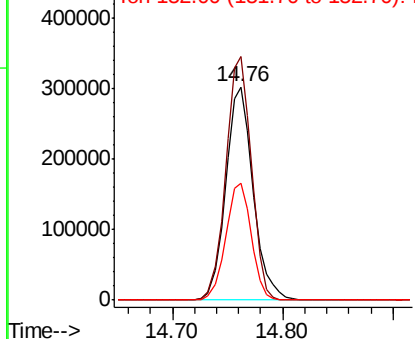


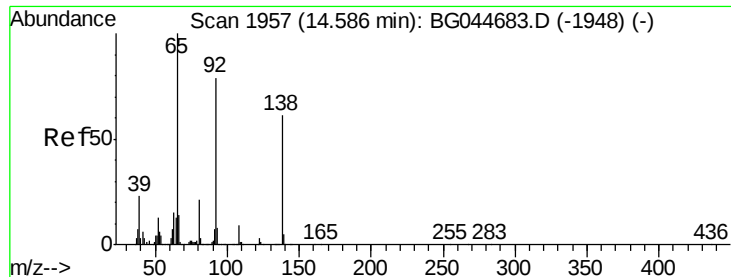
#52
 Acenaphthene
 Concen: 38.849 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Tgt Ion:154 Resp: 522837
 Ion Ratio Lower Upper
 154 100
 153 114.4 92.6 138.8
 152 54.9 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: 43.330 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

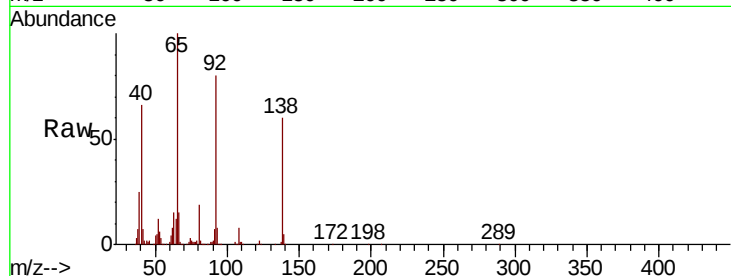
Tot Ion:138 Resp: 159733

Ion Ratio Lower Upper

138 100

108 13.8 12.2 18.4

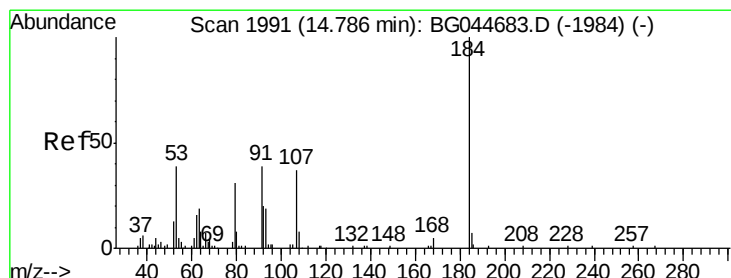
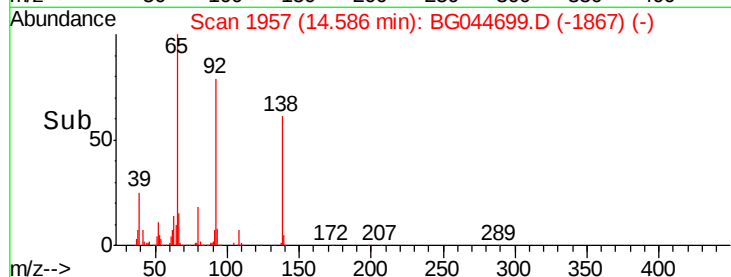
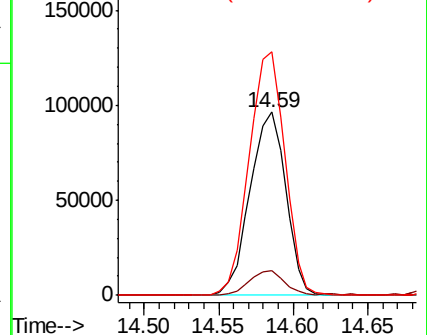
92 132.8 105.1 157.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 40.515 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

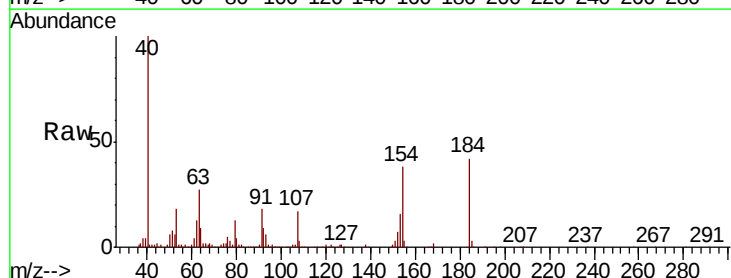
Tgt Ion:184 Resp: 62976

Ion Ratio Lower Upper

184 100

63 65.5 42.4 63.6#

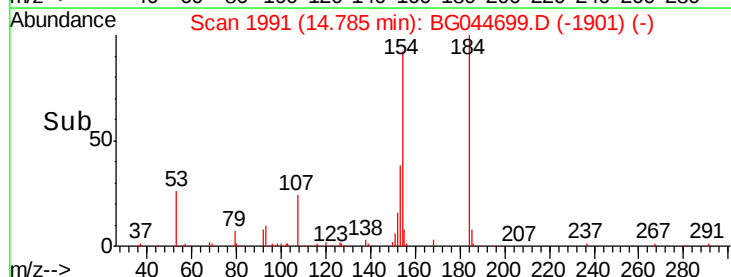
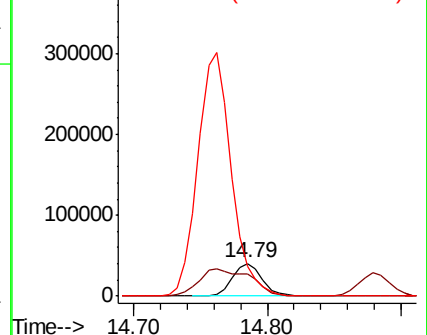
154 92.5 75.0 112.4

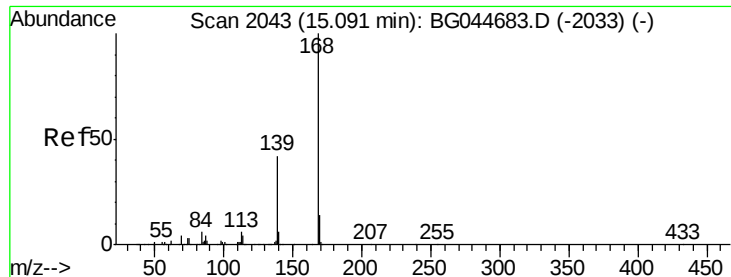


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

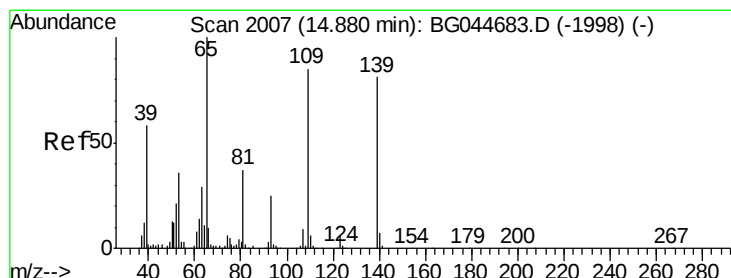
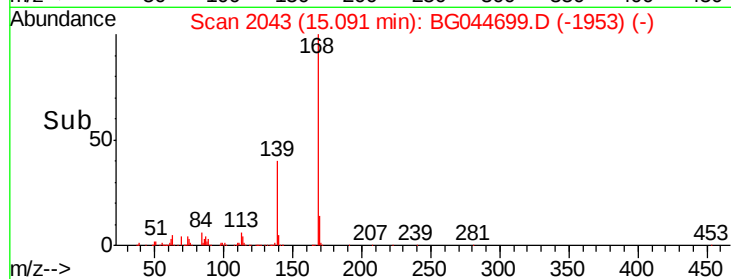
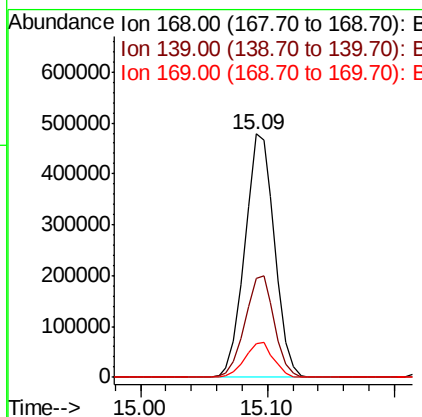
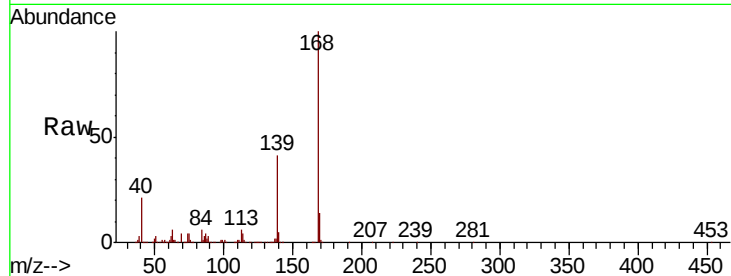




#55
Dibenzofuran
Concen: 38.447 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

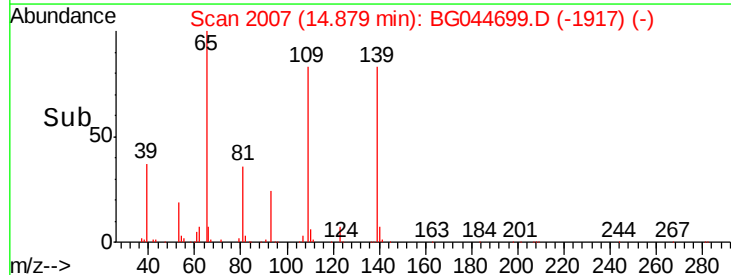
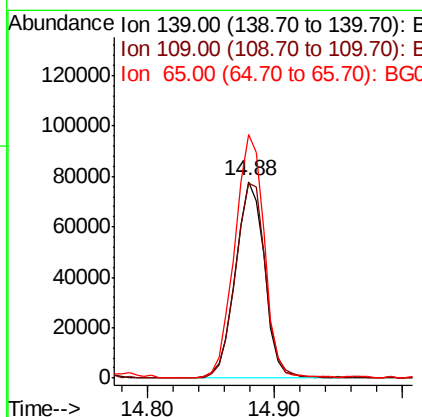
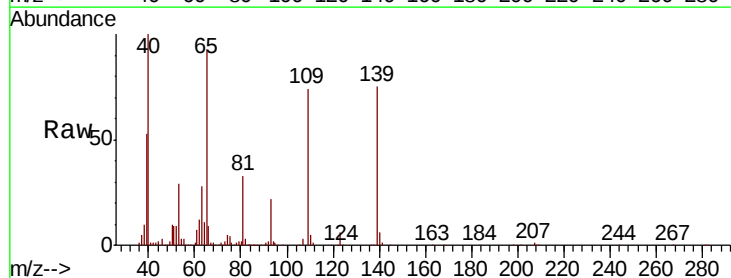
Instrument :
BNA_G
ClientSampleId :

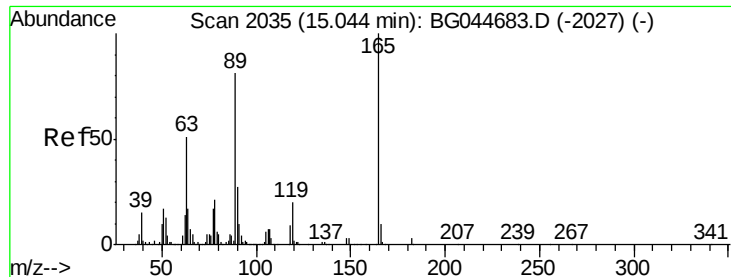
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	33.8	50.6
169	13.9	11.0	16.4



#56
4-Nitrophenol
Concen: 43.093 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.1	86.0	126.0
65	123.8	104.5	144.5

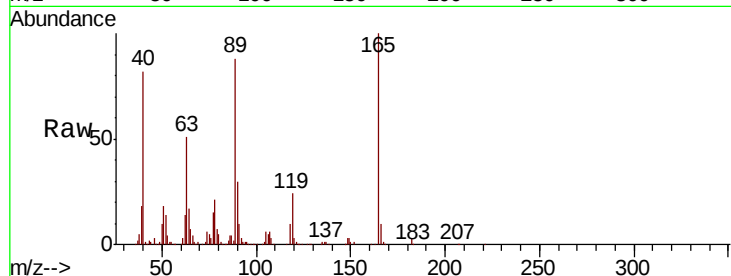




#57
2,4-Dinitrotoluene
Concen: 43.022 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	40.6	61.0
89	88.0	65.0	97.6
182	2.8	2.4	3.6



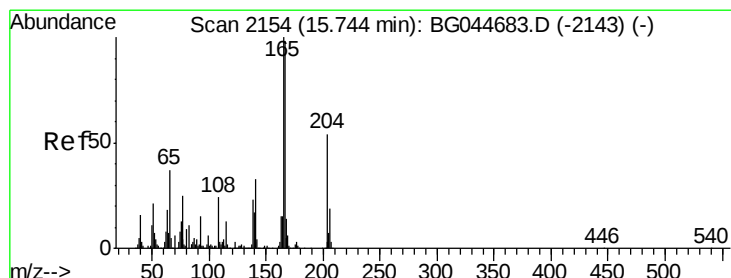
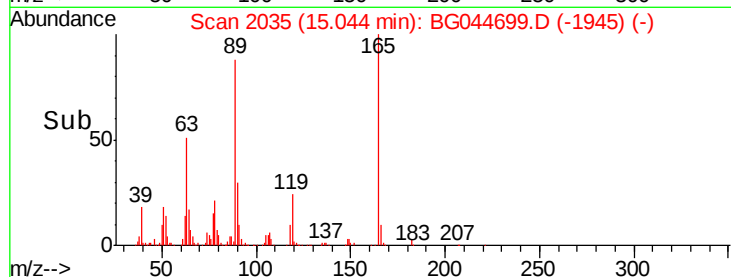
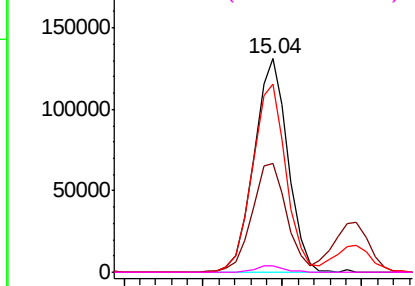
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

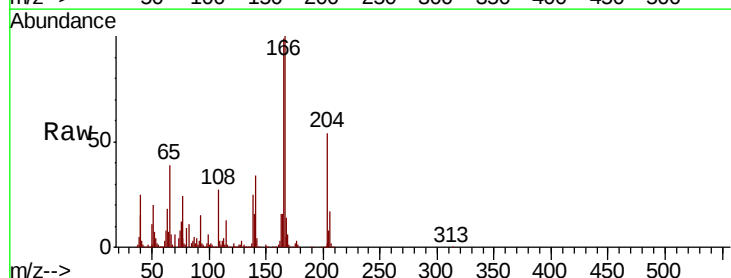
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.048 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.3	121.9
167	14.2	11.0	16.6

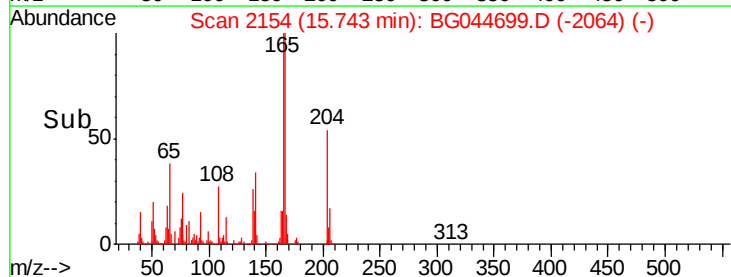
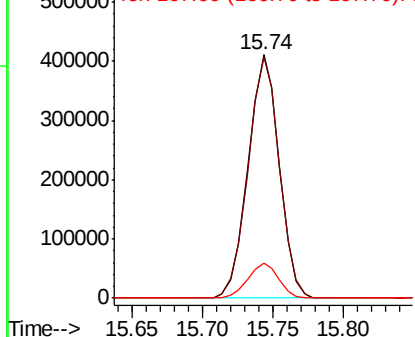


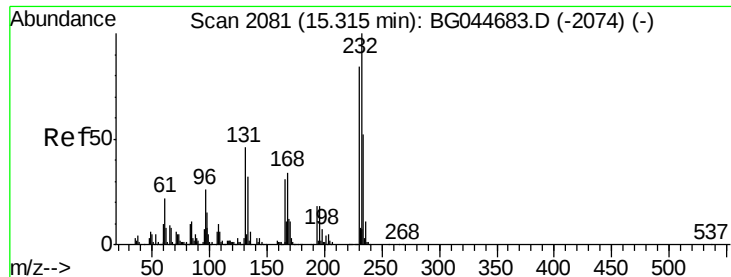
Abundance

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

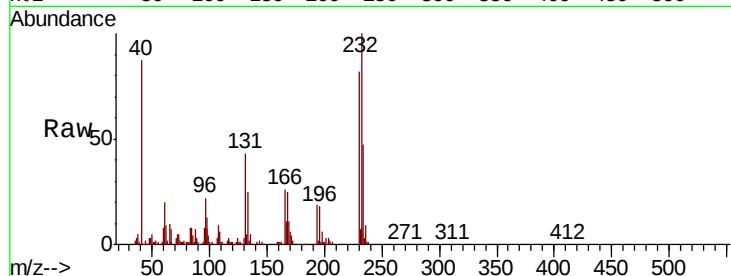




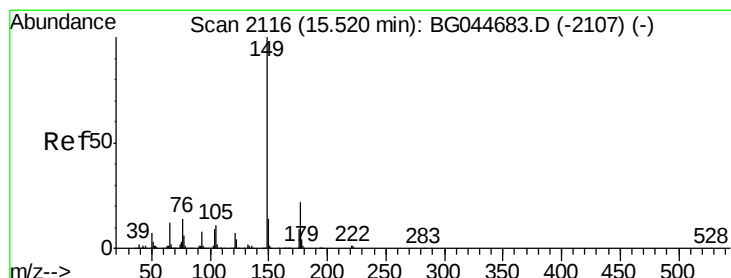
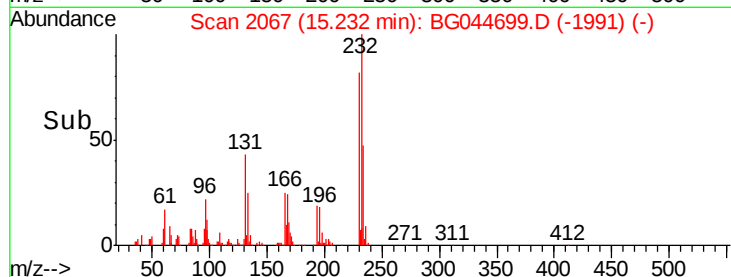
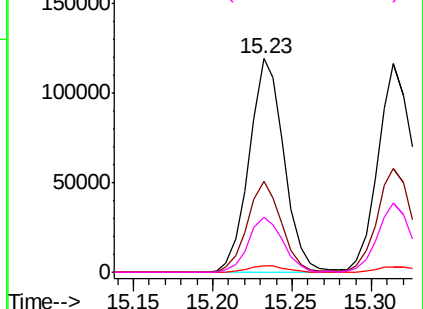
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.547 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.08 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	181317
Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.0	49.6
130	3.1	2.2	3.2
166	25.8	20.4	30.6

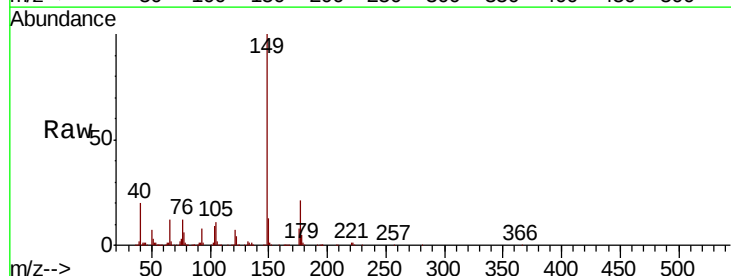


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

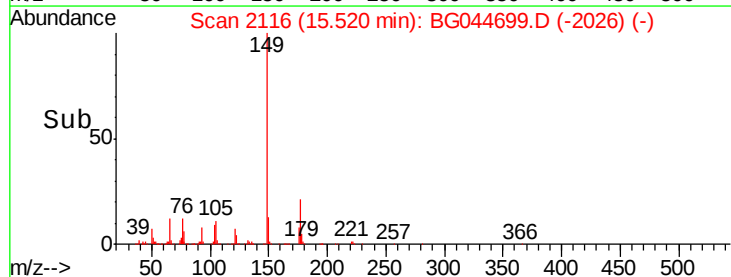
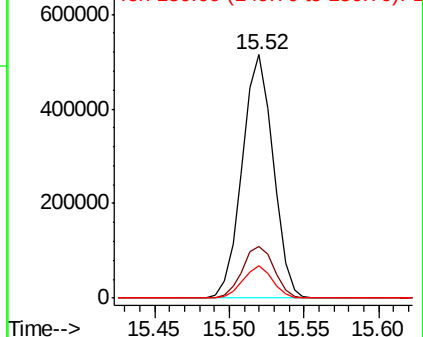


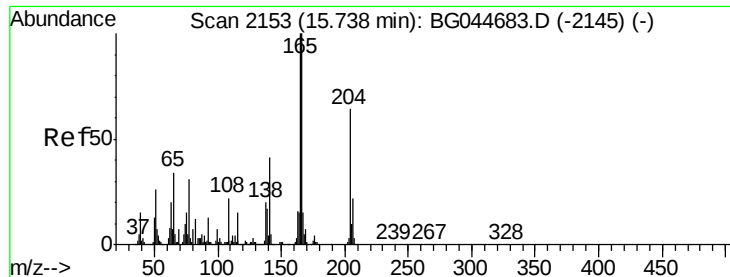
#60
 Diethylphthalate
 Concen: 38.872 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Tgt Ion:	149	Resp:	739846
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	13.1	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

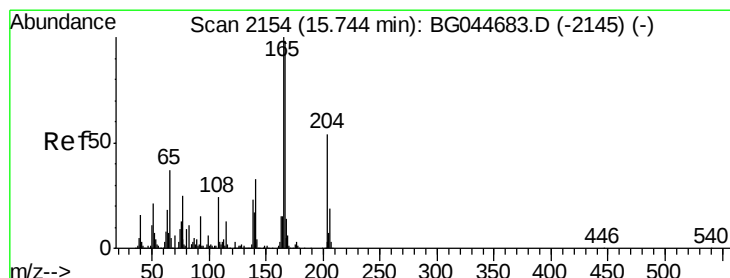
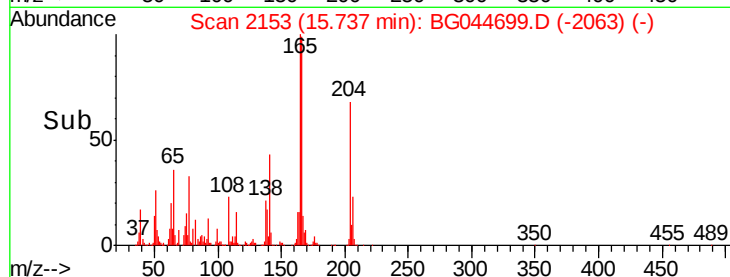
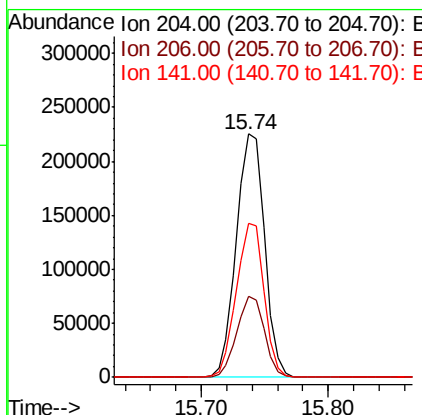
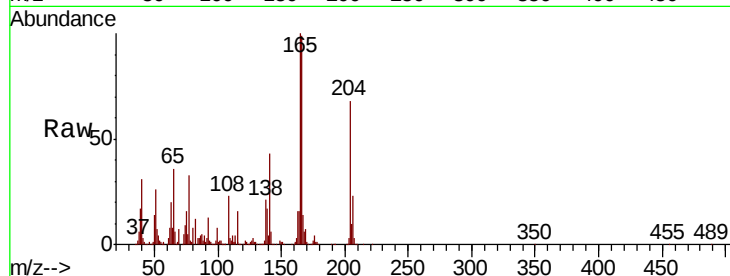




#61
4-Chlorophenyl-phenylether
Concen: 38.308 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

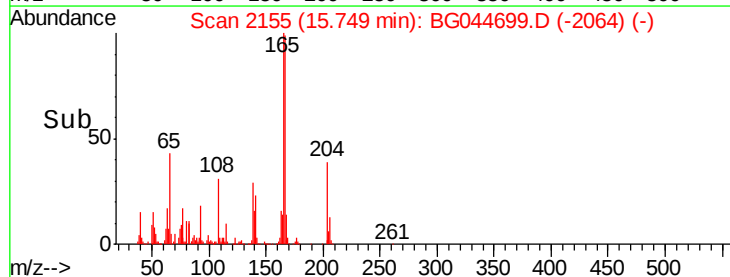
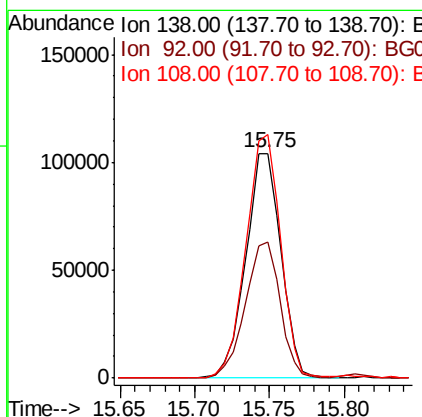
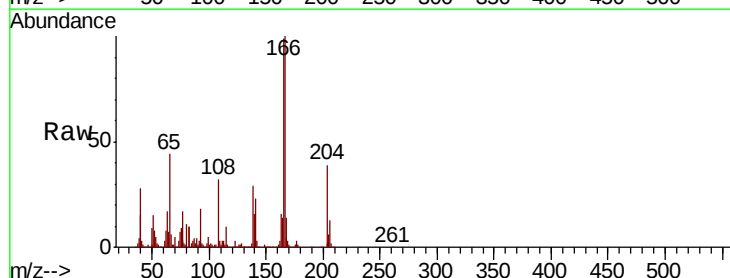
Instrument :
BNA_G
ClientSampleId :

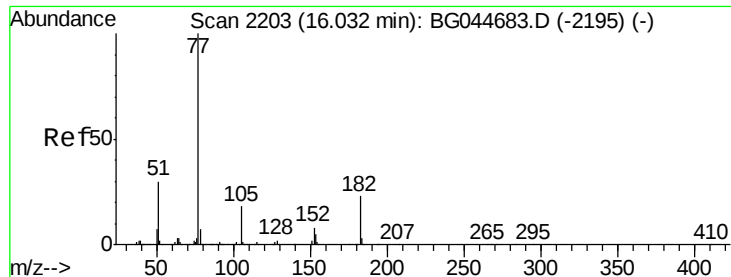
Tot Ion:204 Resp: 346708
Ion Ratio Lower Upper
204 100
206 33.5 27.7 41.5
141 63.3 51.0 76.4



#62
4-Nitroaniline
Concen: 41.929 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion:138 Resp: 170247
Ion Ratio Lower Upper
138 100
92 60.5 43.1 83.1
108 108.2 85.2 125.2





#63

Azobenzene

Concen: 38.376 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

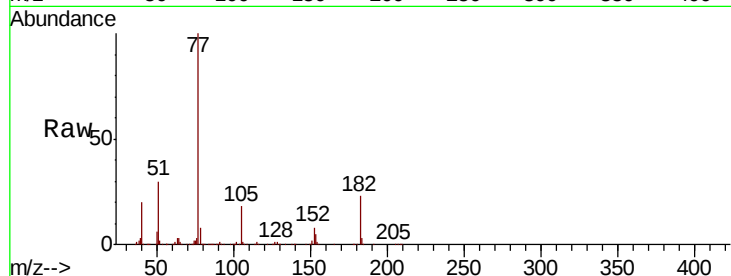
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 764368

Ion	Ratio	Lower	Upper
77	100		
182	22.8	2.7	42.7
105	17.7	0.0	38.1
51	29.9	10.3	50.3



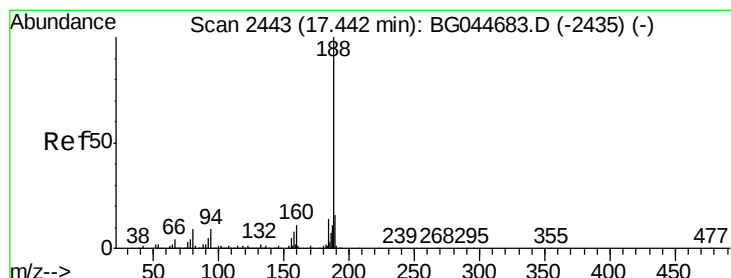
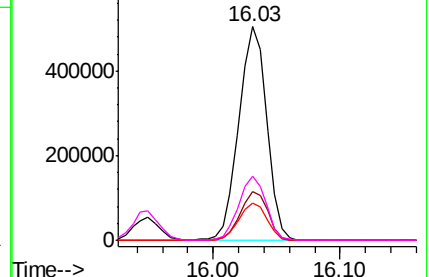
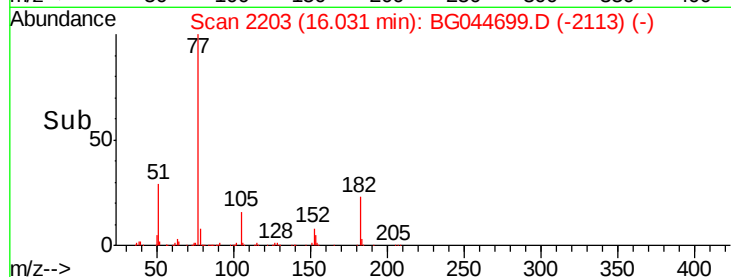
Abundance

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

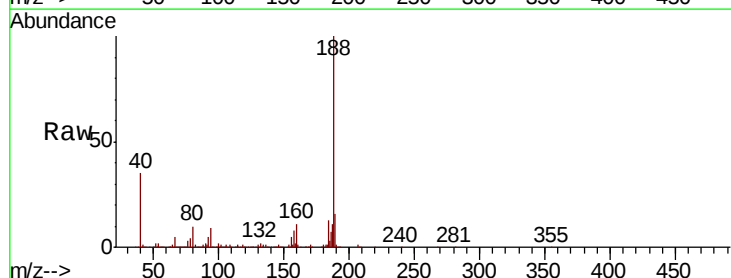
Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Tgt Ion: 188 Resp: 500056

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.0
80	9.8	7.3	10.9

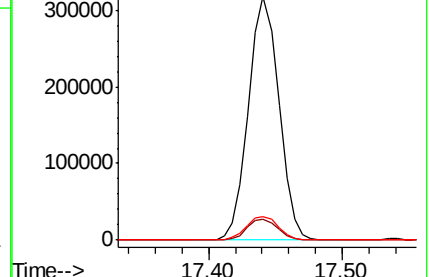
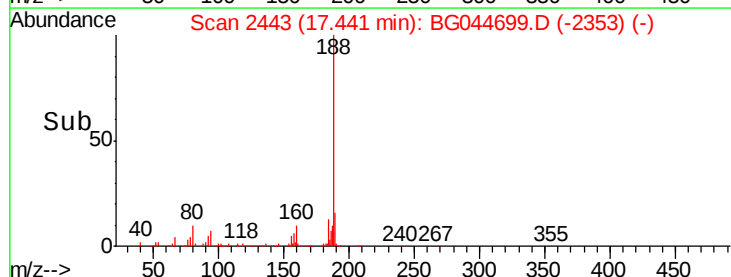


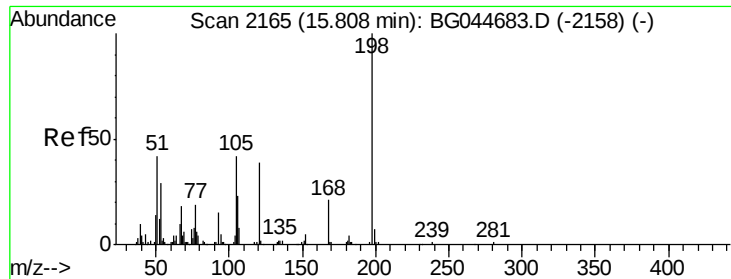
Abundance

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

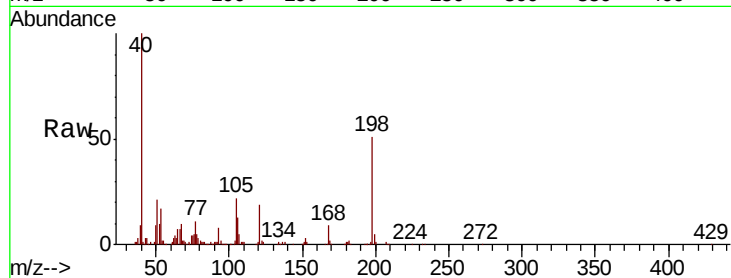




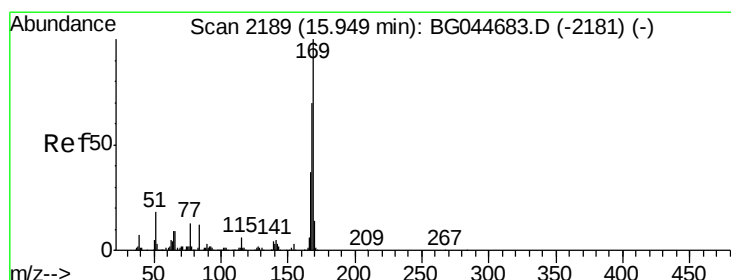
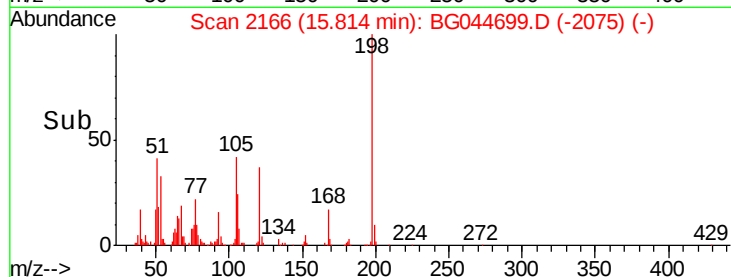
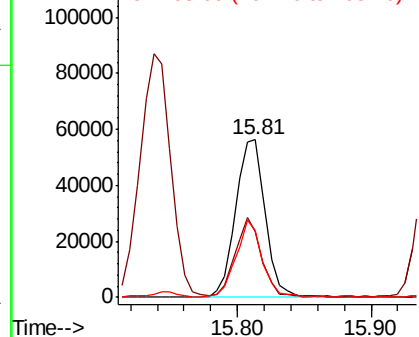
#65
4,6-Dinitro-2-methylphenol
Concen: 40.897 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 86924
Ion Ratio Lower Upper
198 100
51 41.6 27.1 67.1
105 42.9 23.6 63.6

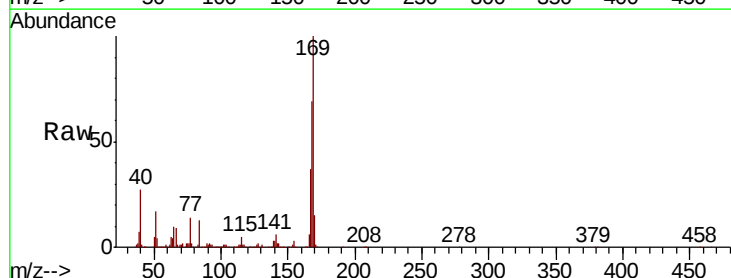


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

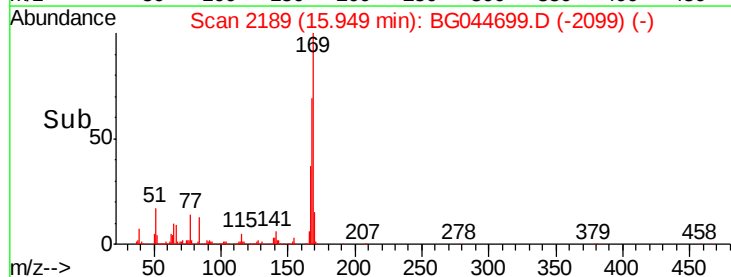
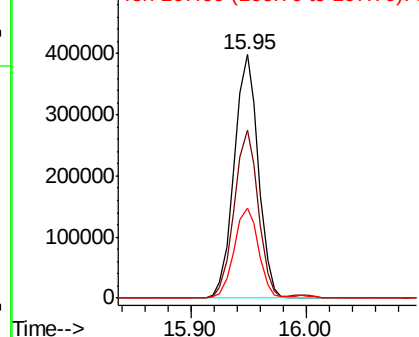


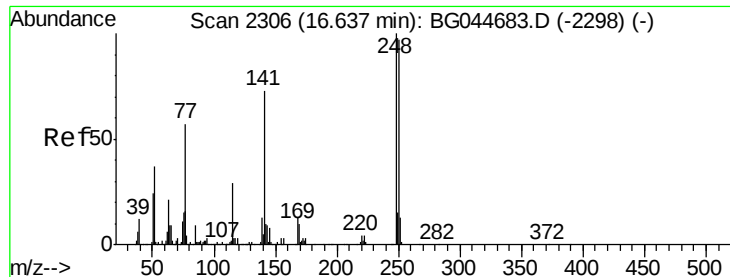
#66
n-Nitrosodiphenylamine
Concen: 37.580 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion:169 Resp: 574568
Ion Ratio Lower Upper
169 100
168 69.2 56.2 84.2
167 37.1 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

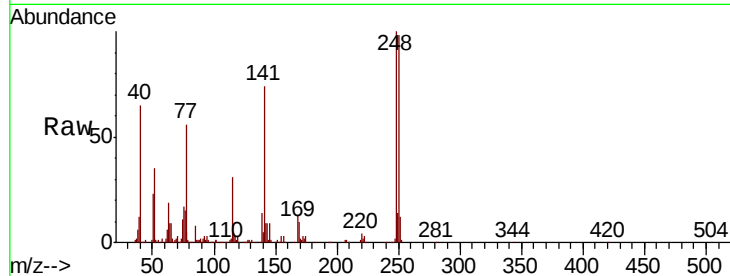




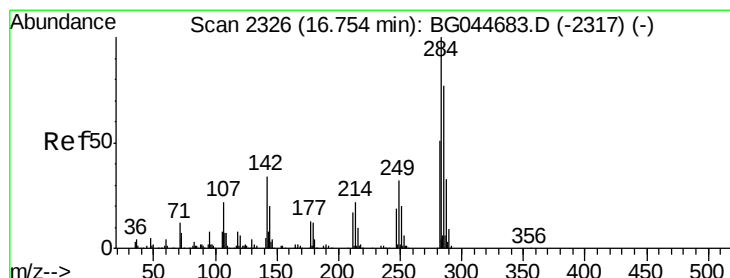
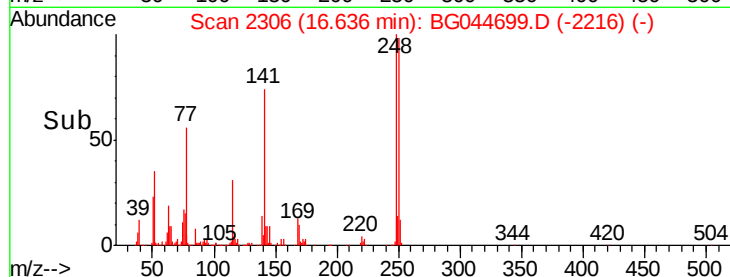
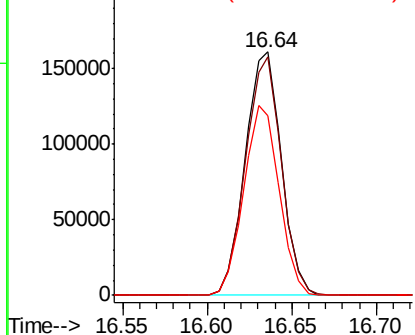
#67
4-Bromophenyl-phenylether
Concen: 37.825 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 238549
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.2
141 73.9 58.1 87.1

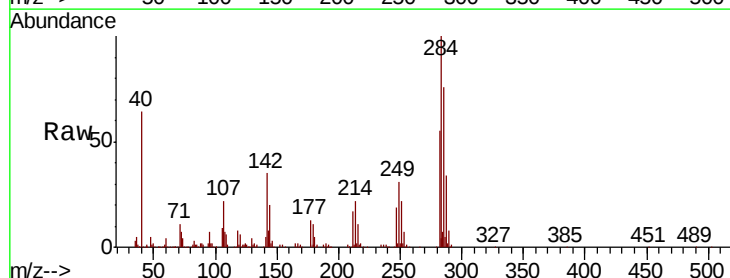


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

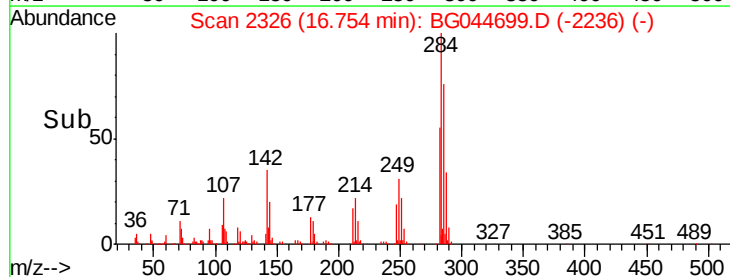
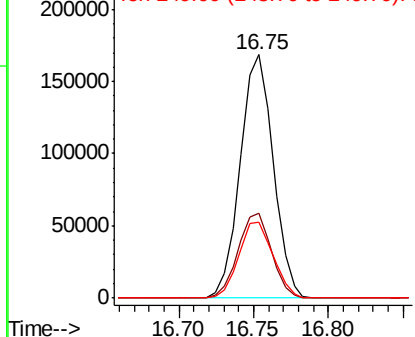


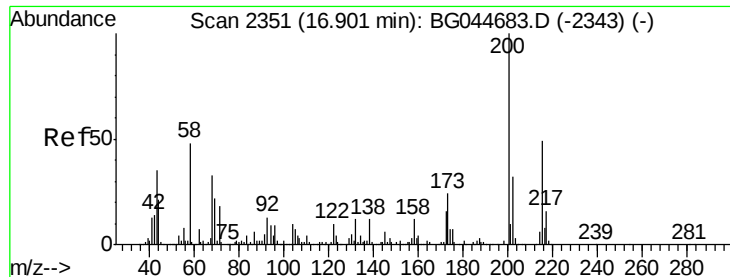
#68
Hexachlorobenzene
Concen: 37.979 ng
RT: 16.75 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion:284 Resp: 258628
Ion Ratio Lower Upper
284 100
142 35.0 27.2 40.8
249 31.4 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: 38.091 ng

RT: 16.90 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

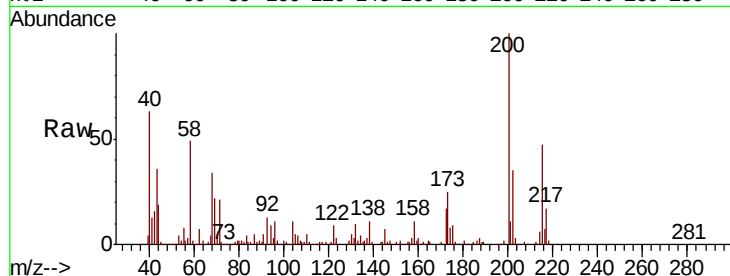
Tot Ion:200 Resp: 225063

Ion Ratio Lower Upper

200 100

173 24.9 4.0 44.0

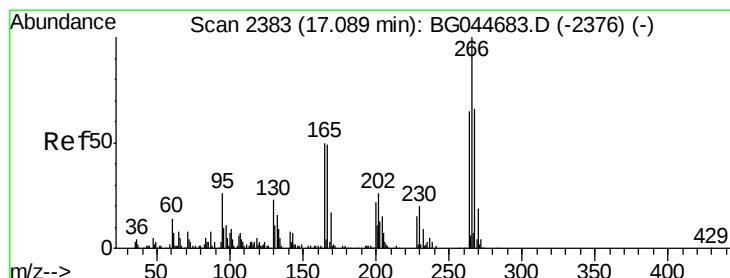
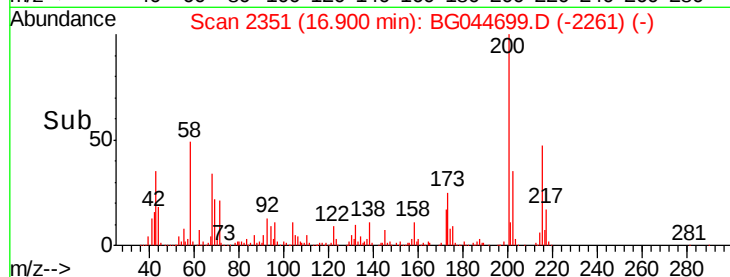
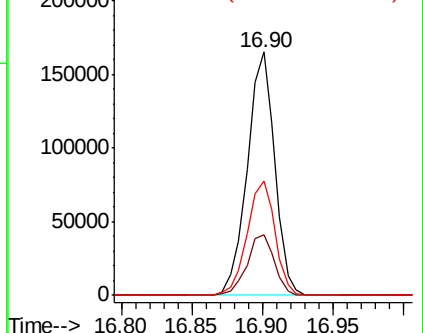
215 47.2 29.1 69.1



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: 38.707 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

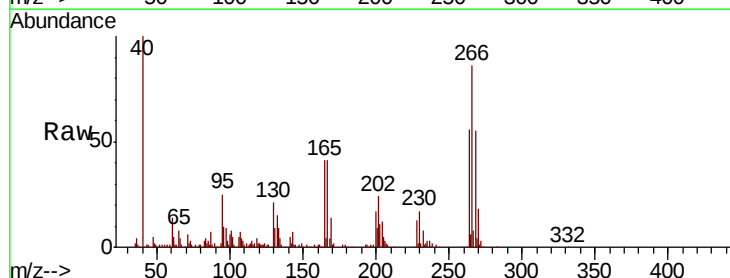
Tgt Ion:266 Resp: 149572

Ion Ratio Lower Upper

266 100

268 63.2 52.7 79.1

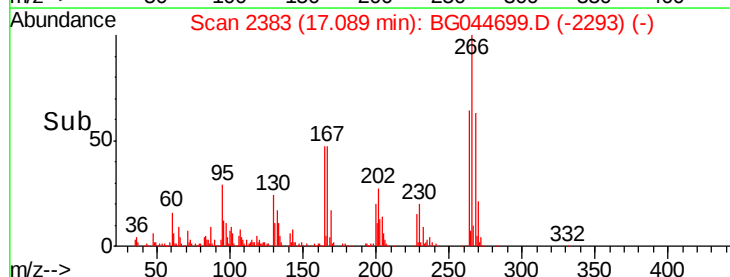
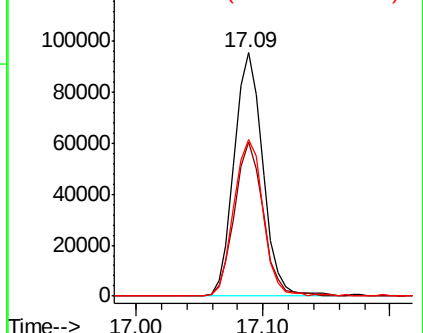
264 64.3 52.3 78.5

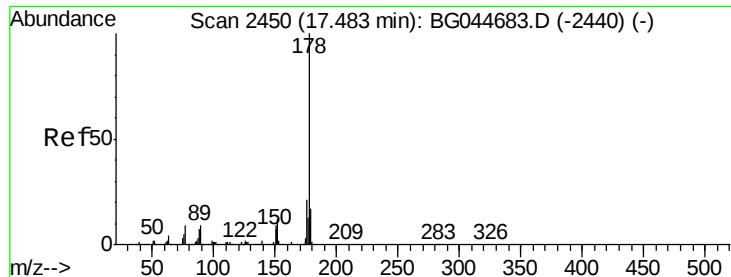


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

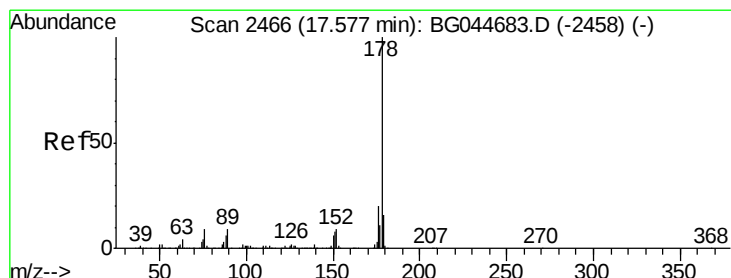
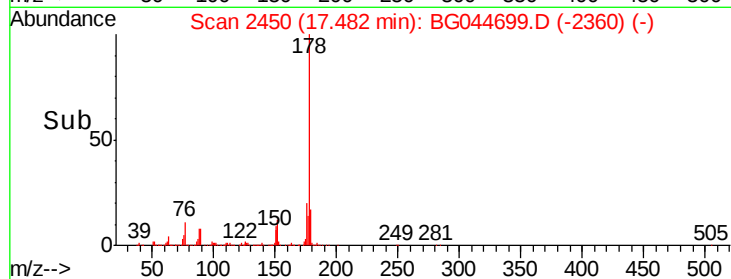
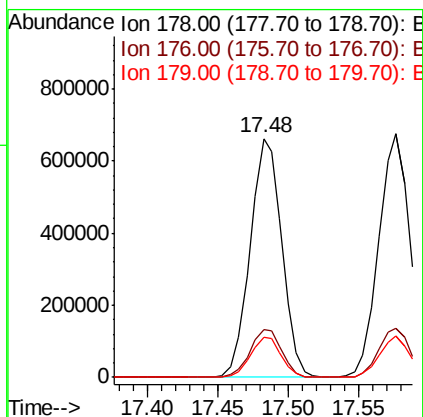
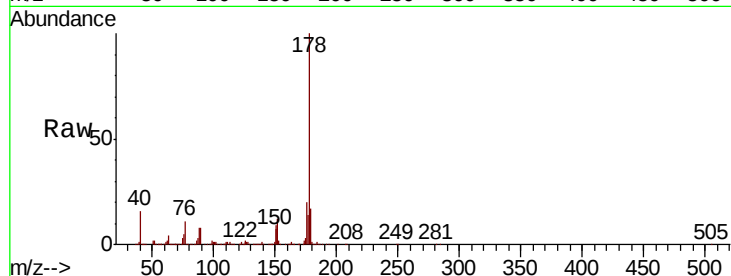




#71
Phenanthrene
Concen: 38.113 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

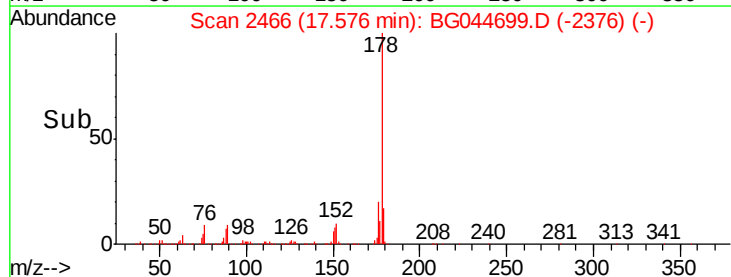
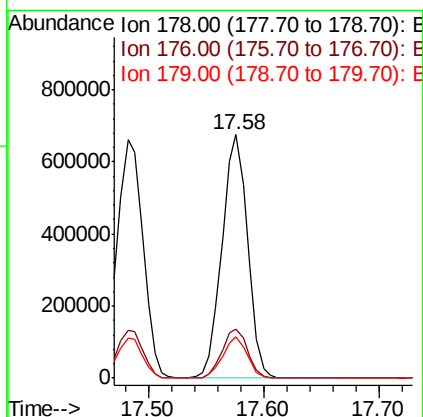
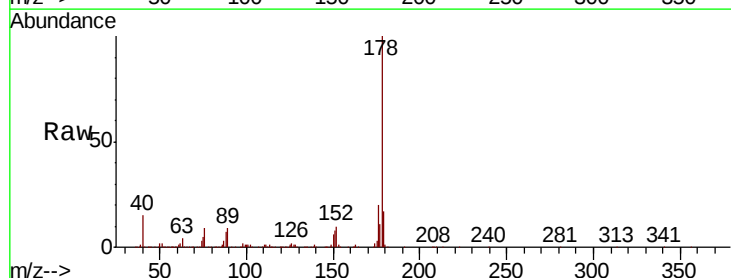
Instrument :
BNA_G
ClientSampleId :

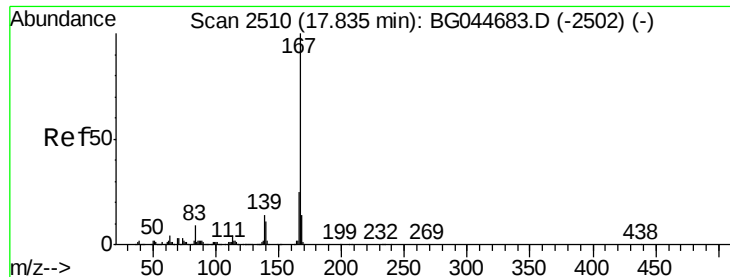
Tot Ion:178 Resp: 1045024
Ion Ratio Lower Upper
178 100
176 20.2 16.5 24.7
179 16.9 13.8 20.8



#72
Anthracene
Concen: 38.326 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion:178 Resp: 1035041
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.7 12.6 19.0

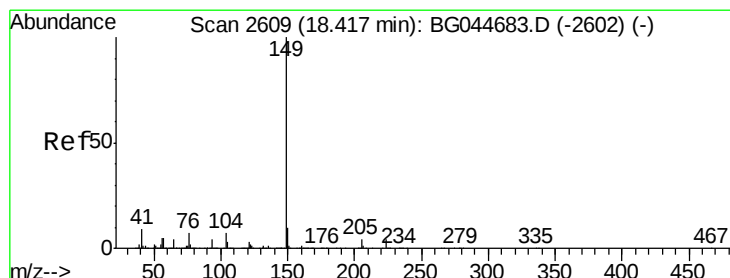
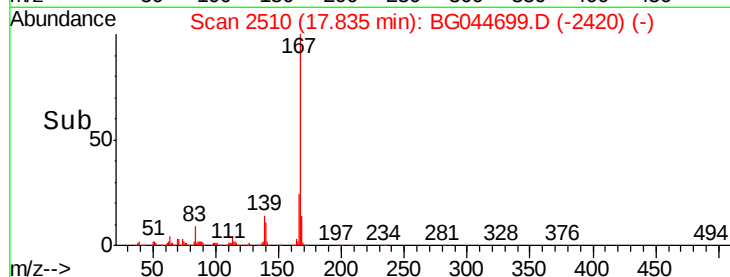
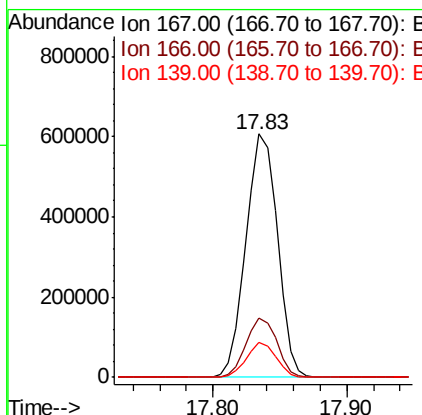
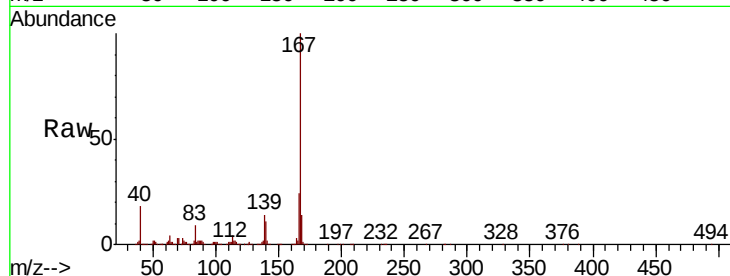




#73
 Carbazole
 Concen: 38.301 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

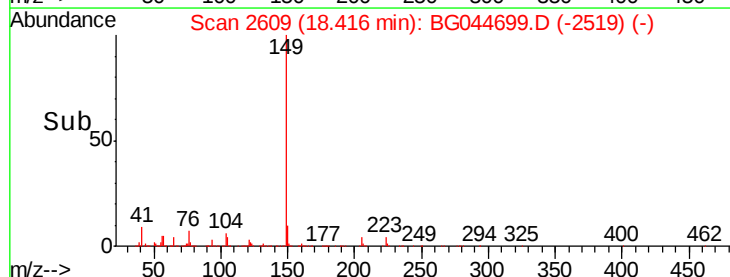
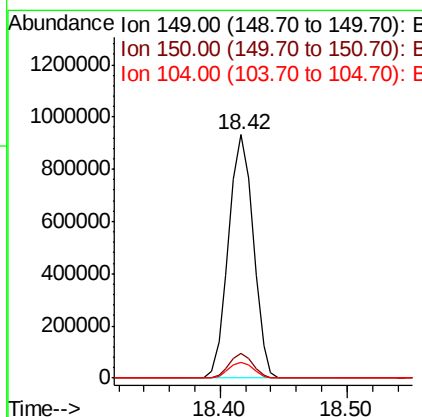
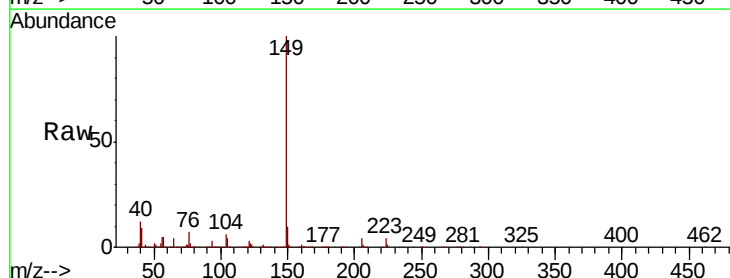
Instrument :
 BNA_G
 ClientSampleId :

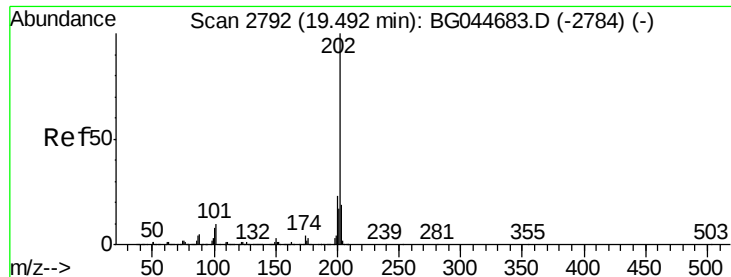
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	20.0	30.0
139	14.1	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 38.644 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG044699.D
 Acq: 6 Mar 2020 15:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.0	12.0
104	6.4	5.5	8.3





#75

Fluoranthene

Concen: 38.141 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

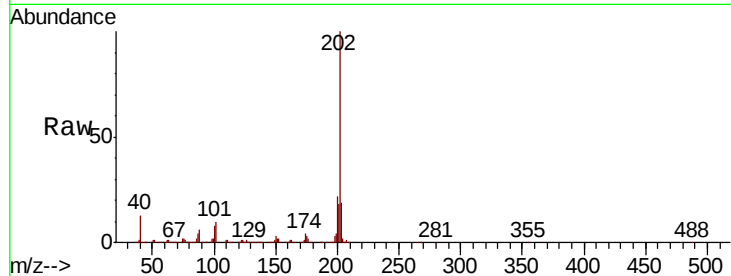
Tot Ion:202 Resp: 1263953

Ion Ratio Lower Upper

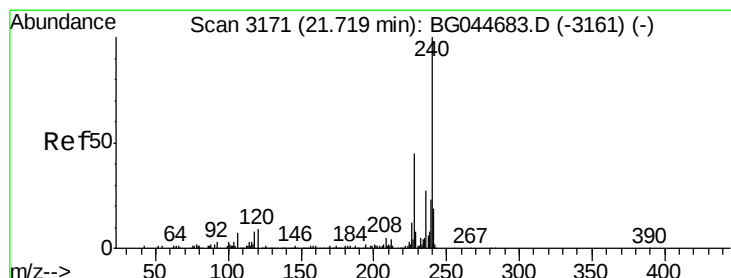
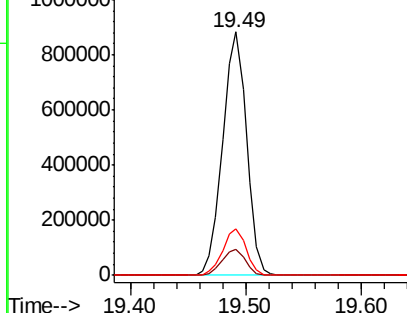
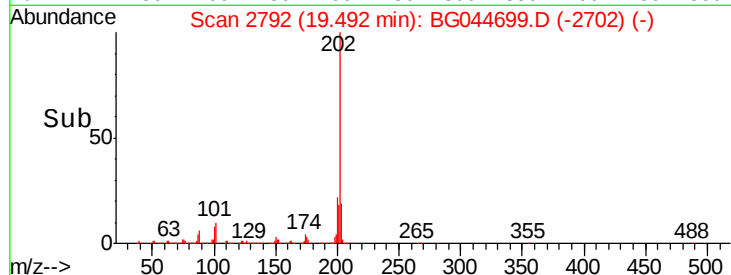
202 100

101 10.4 0.0 30.3

203 19.2 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 101.00 (100.70 to 101.70): E
1000000
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

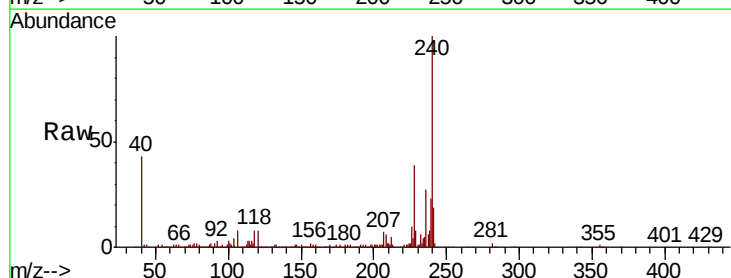
Tgt Ion:240 Resp: 442677

Ion Ratio Lower Upper

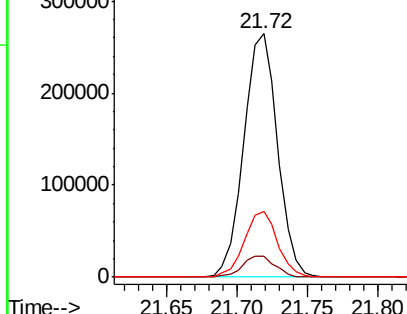
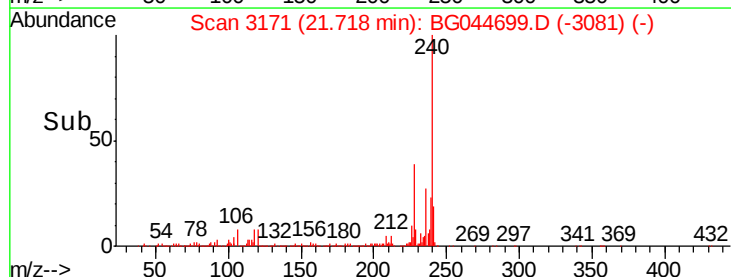
240 100

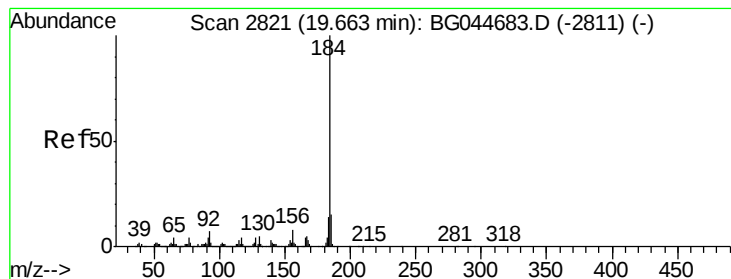
120 8.4 7.0 10.6

236 27.0 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E
300000
Ion 120.00 (119.70 to 120.70): E
200000
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.718 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

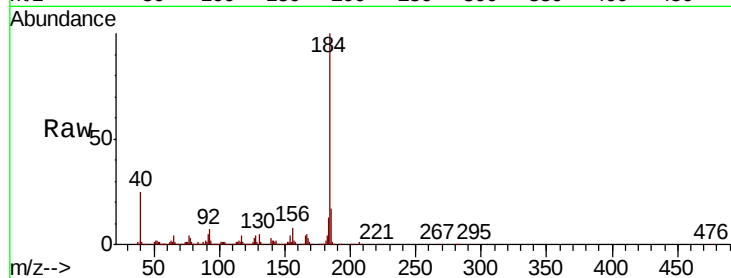
Tot Ion:184 Resp: 631173

Ion Ratio Lower Upper

184 100

185 17.1 12.0 18.0

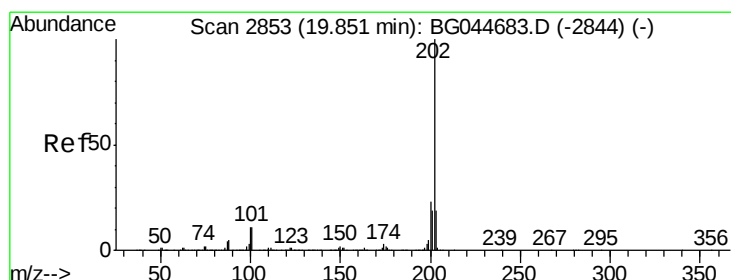
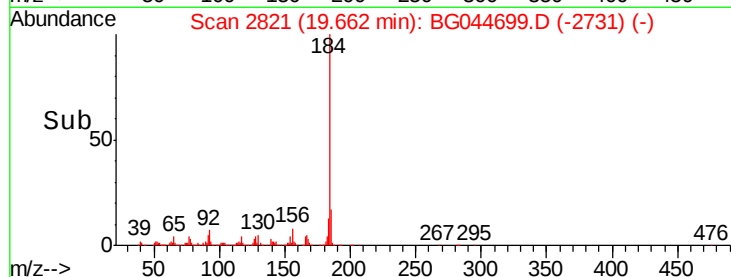
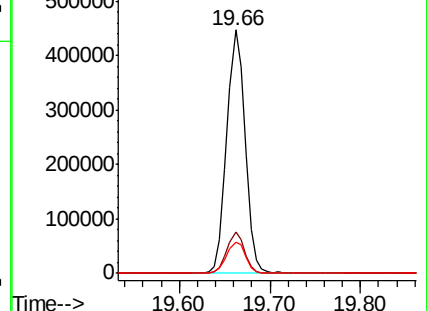
183 12.8 11.4 17.2



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: 37.891 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

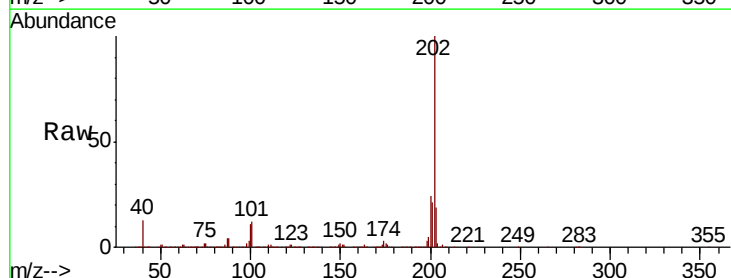
Tgt Ion:202 Resp: 1279390

Ion Ratio Lower Upper

202 100

200 23.9 18.2 27.2

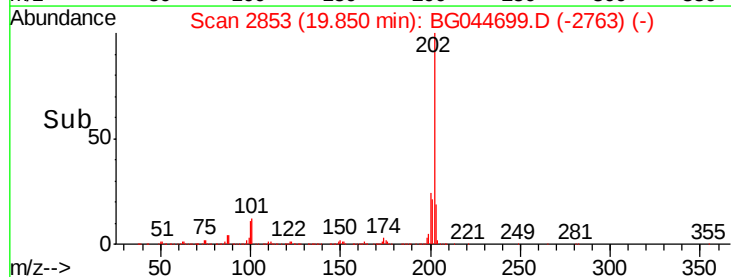
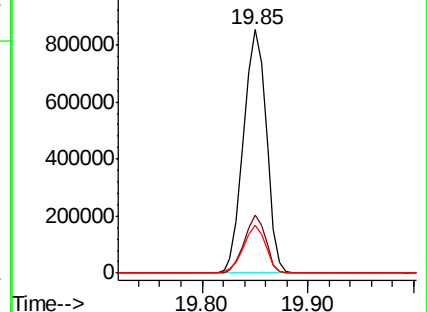
203 19.5 15.2 22.8

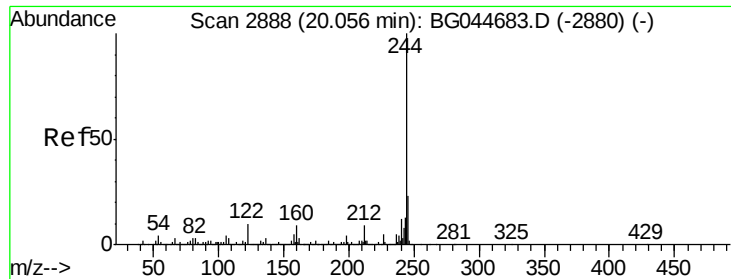


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.698 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

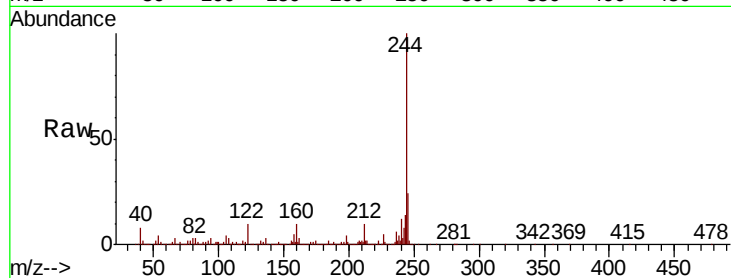
Tot Ion:244 Resp: 1877275

Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

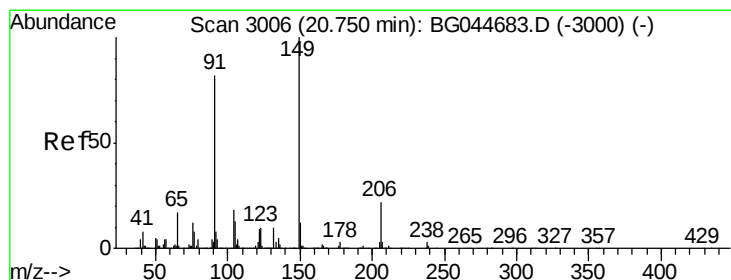
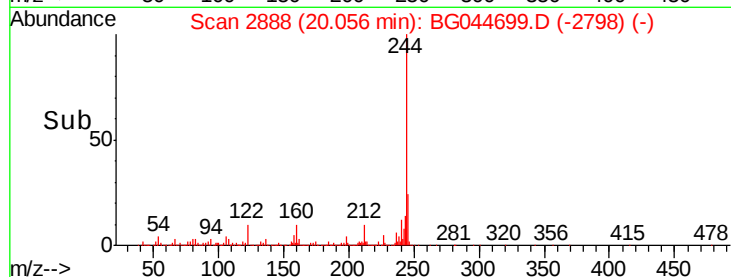
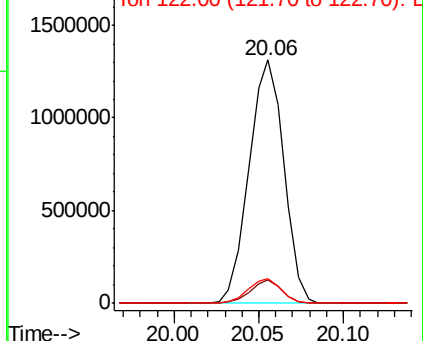
122 10.4 7.7 11.5



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: 38.729 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

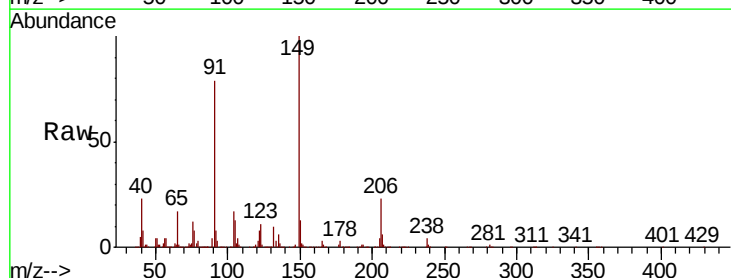
Tgt Ion:149 Resp: 583691

Ion Ratio Lower Upper

149 100

91 79.5 65.7 98.5

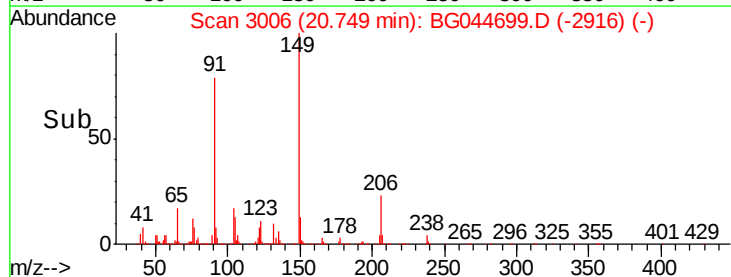
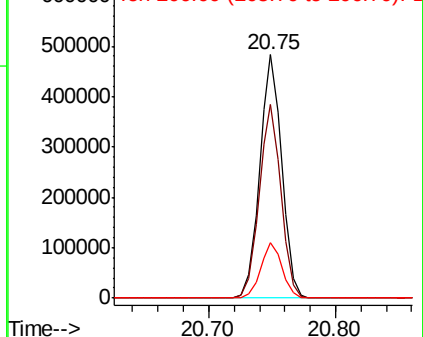
206 22.9 17.3 25.9

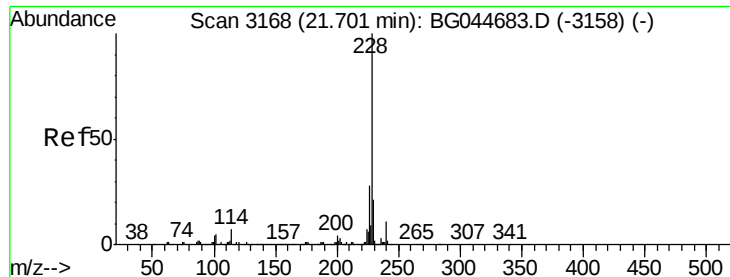


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.976 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

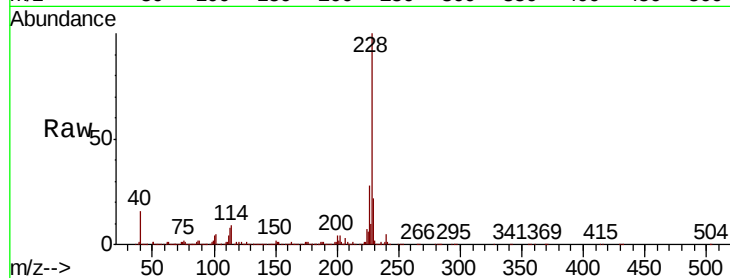
Tot Ion:228 Resp: 1227510

Ion Ratio Lower Upper

228 100

226 28.4 22.8 34.2

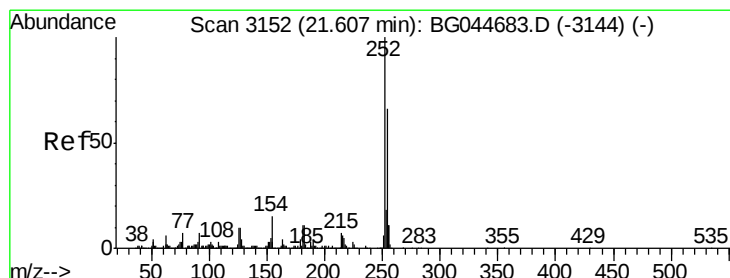
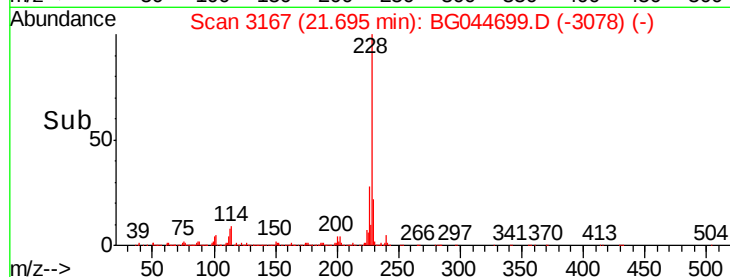
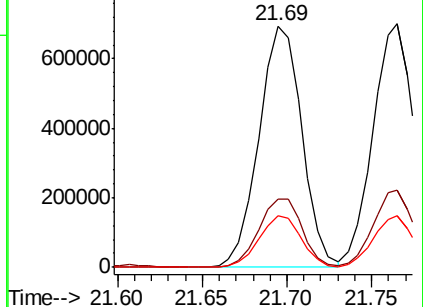
229 21.6 17.0 25.6



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: 36.819 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

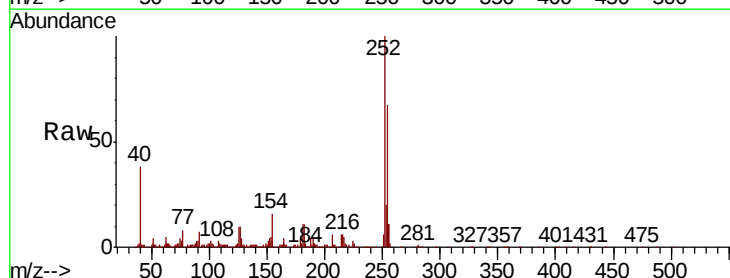
Tgt Ion:252 Resp: 486659

Ion Ratio Lower Upper

252 100

254 66.6 52.6 79.0

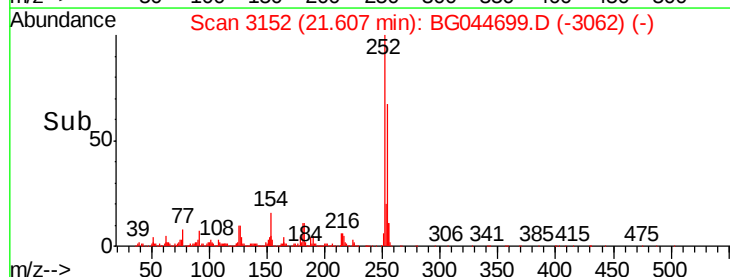
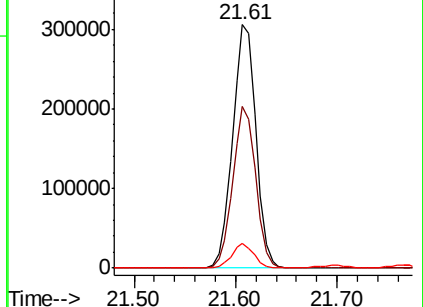
126 10.1 7.8 11.6

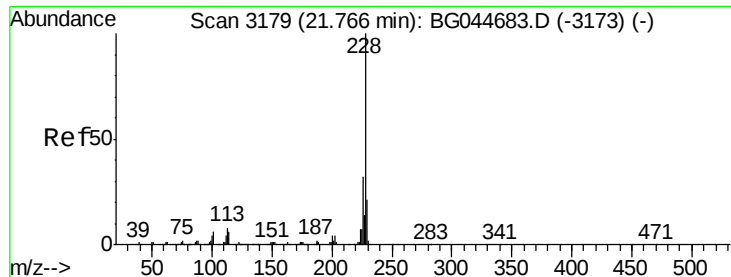


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.780 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

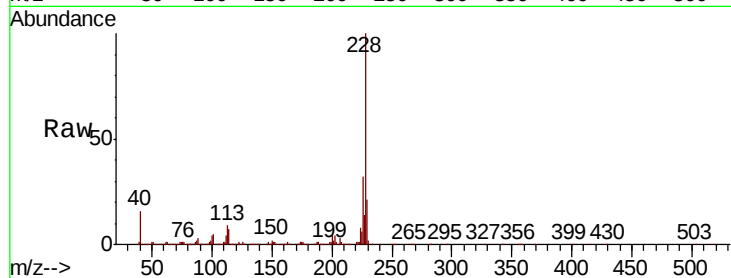
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1193767

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.6
229	21.3	16.6	25.0

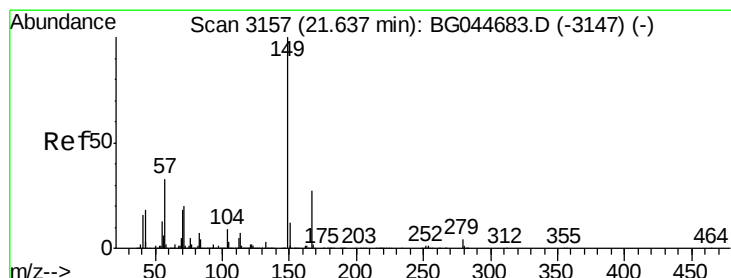
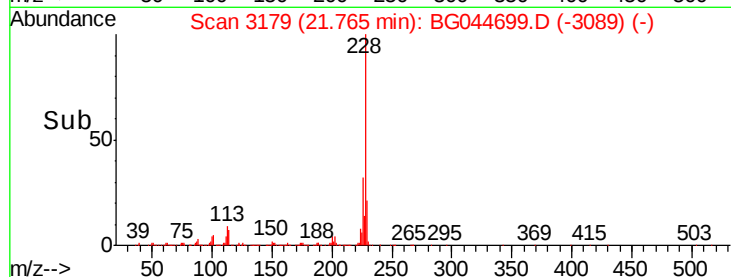
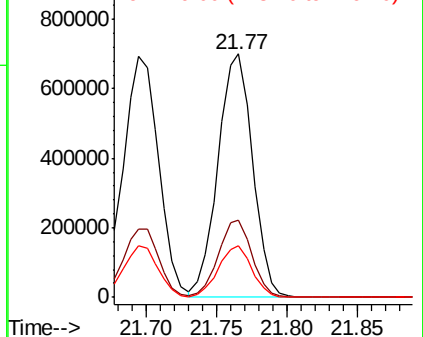


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.779 ng

RT: 21.64 min Scan# 3157

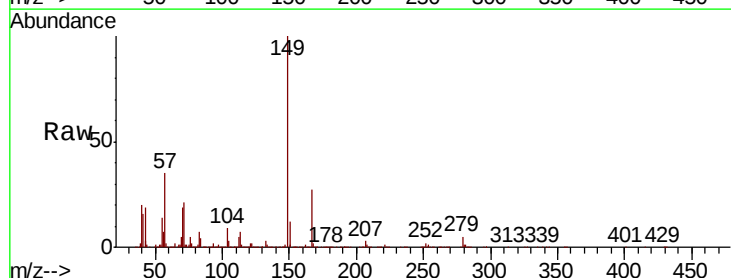
Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Tgt Ion:149 Resp: 794015

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	4.7	3.6	5.4

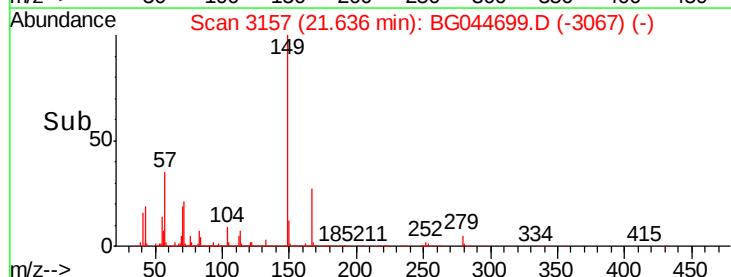
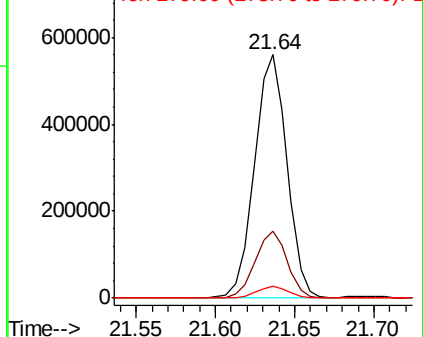


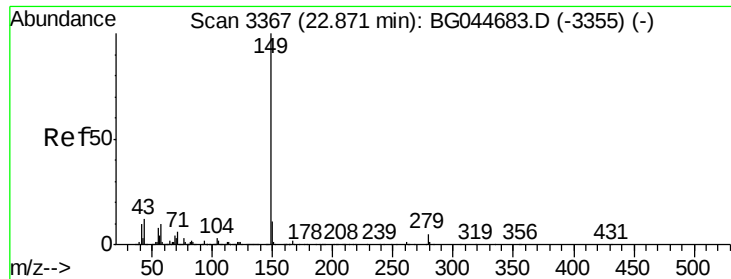
Abundance

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





#85

Di-n-octyl phthalate

Concen: 37.471 ng

RT: 22.86 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

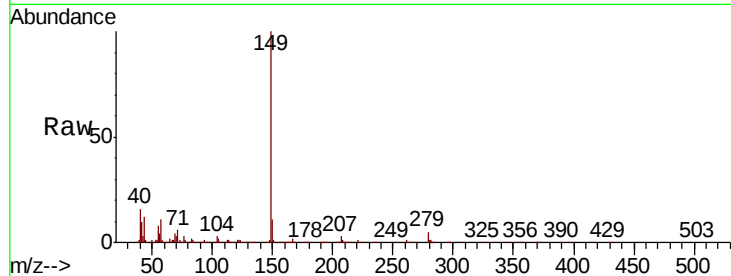
Tot Ion:149 Resp: 1352433

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

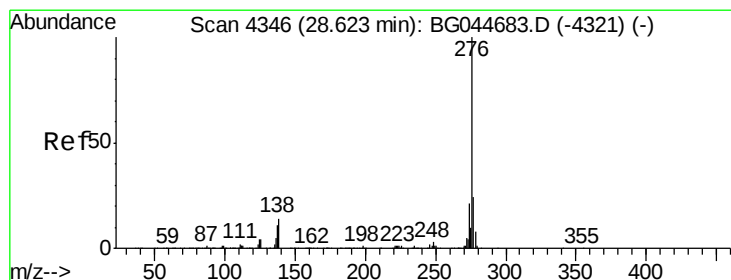
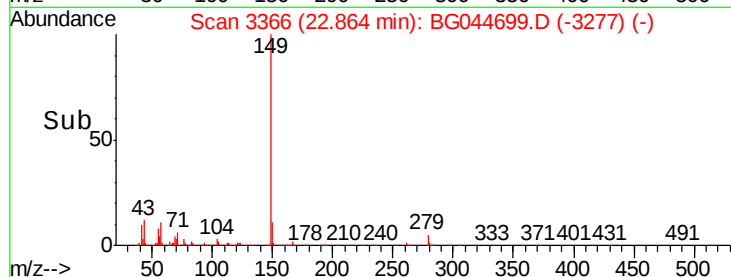
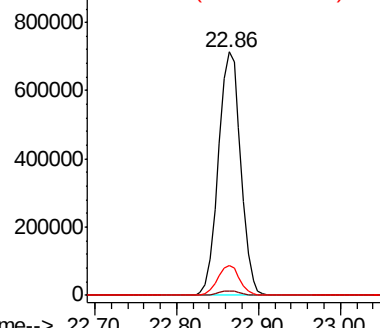
43 12.1 9.5 14.3



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: 36.986 ng

RT: 28.62 min Scan# 4345

Delta R.T. -0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

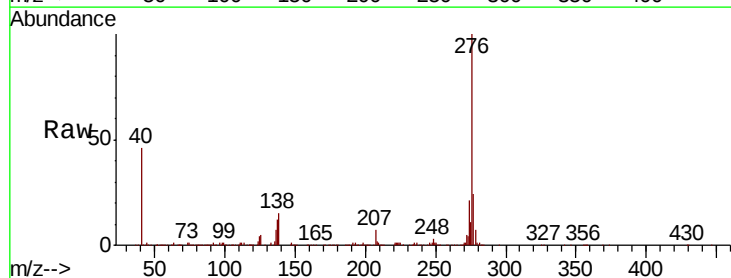
Tgt Ion:276 Resp: 1543476

Ion Ratio Lower Upper

276 100

138 13.2 9.5 14.3

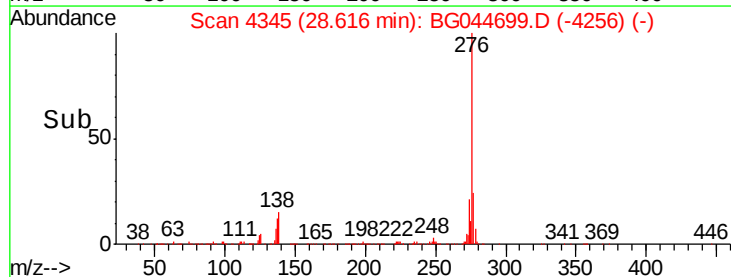
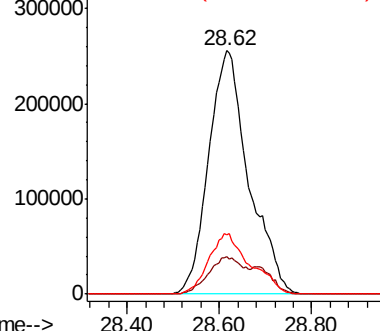
277 25.8 20.6 30.8

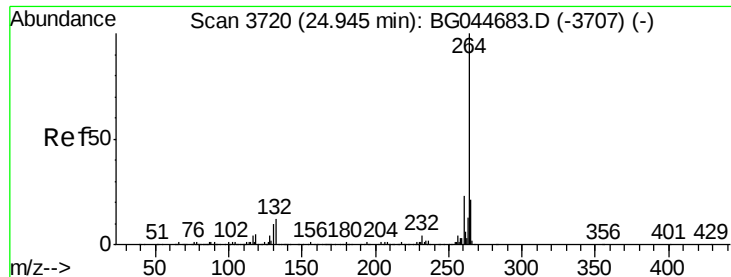


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

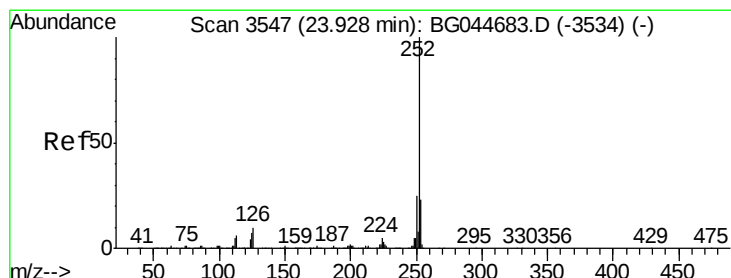
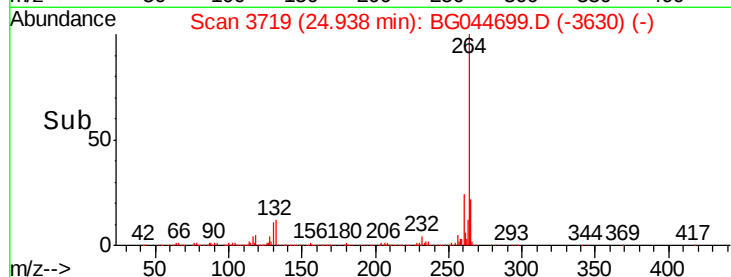
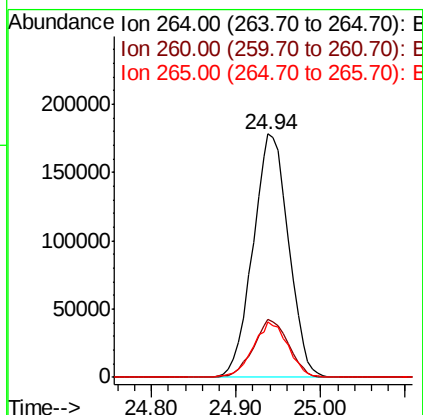
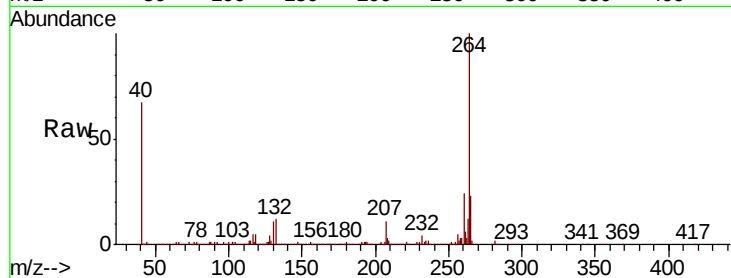




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

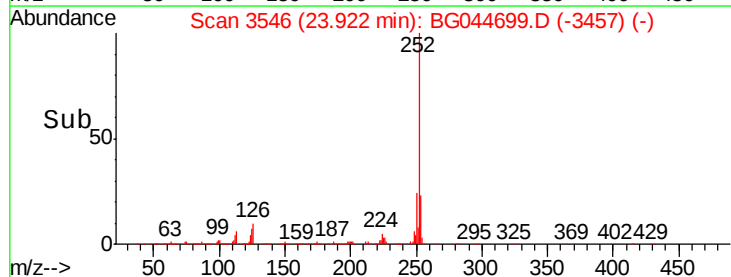
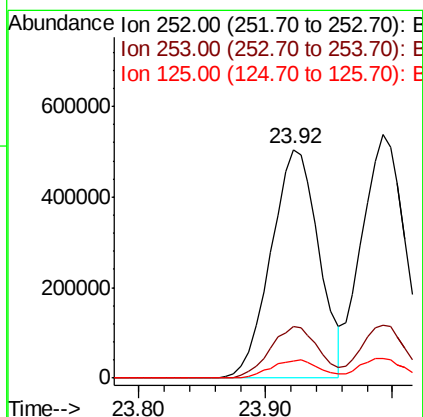
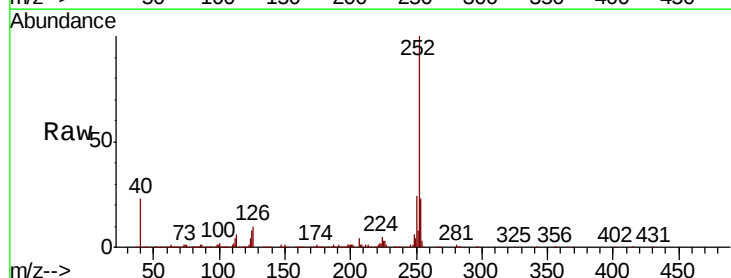
Instrument :
BNA_G
ClientSampled :

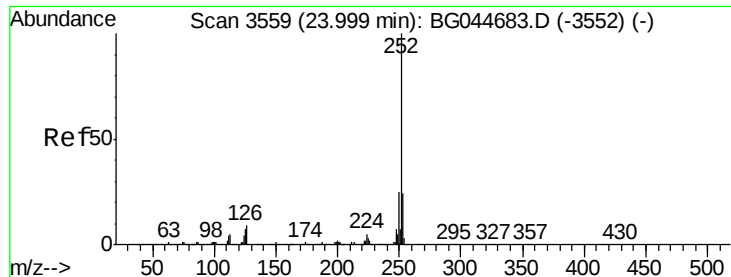
Tot Ion:264 Resp: 520808
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.6 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 37.312 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG044699.D
Acq: 6 Mar 2020 15:57

Tgt Ion:252 Resp: 1322567
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 7.5 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 38.223 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

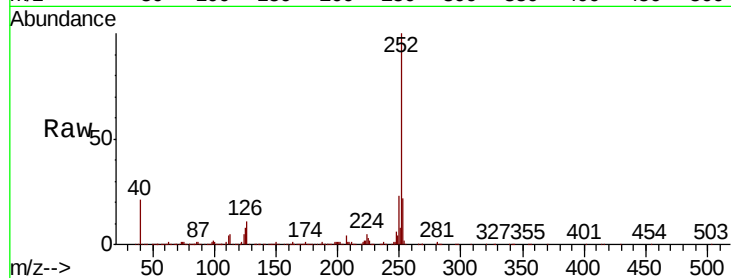
Tot Ion:252 Resp: 1269960

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

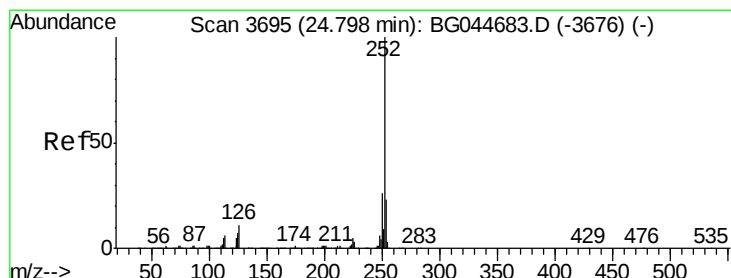
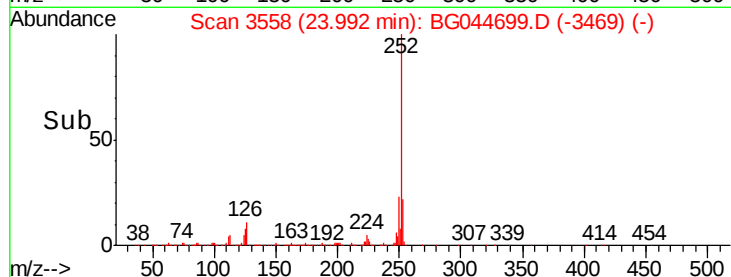
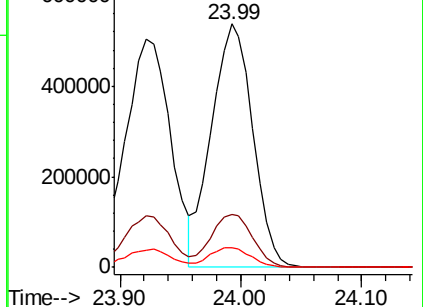
125 8.1 5.8 8.8



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: 37.878 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

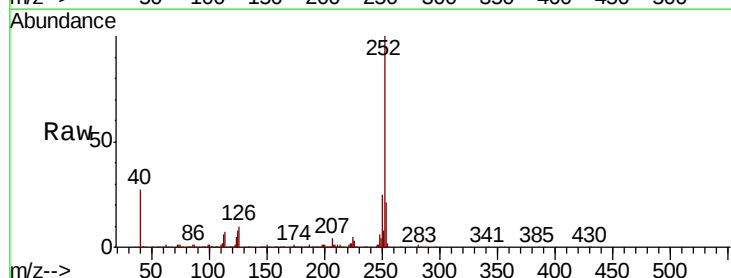
Tgt Ion:252 Resp: 1250468

Ion Ratio Lower Upper

252 100

253 21.2 18.4 27.6

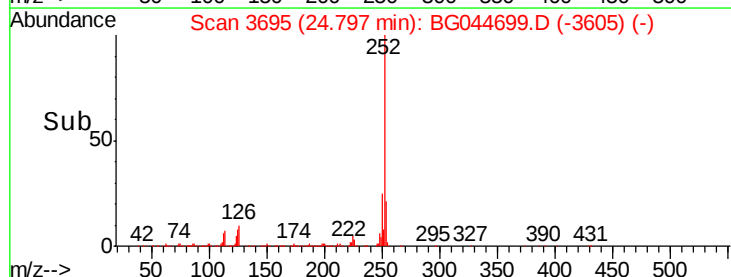
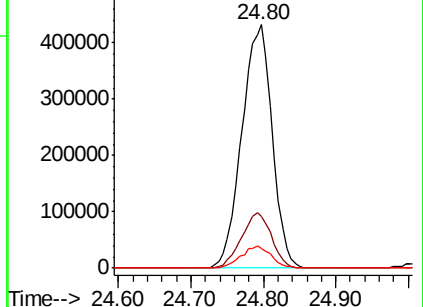
125 8.1 6.0 9.0

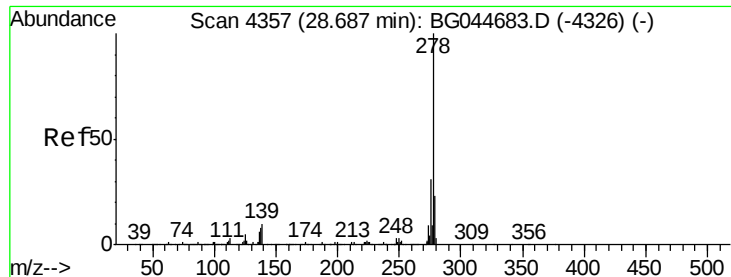


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.506 ng

RT: 28.69 min Scan# 4357

Delta R.T. -0.00 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

Instrument :

BNA_G

ClientSampleId :

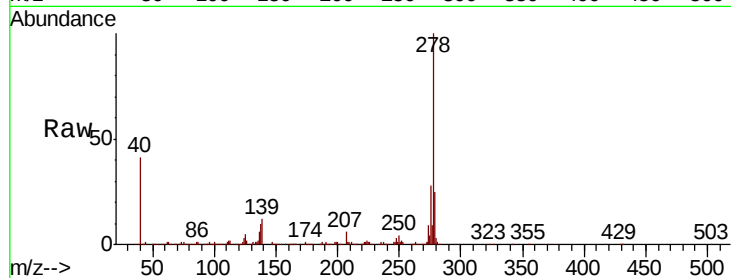
Tot Ion:278 Resp: 1234652

Ion Ratio Lower Upper

278 100

139 11.7 8.4 12.6

279 24.6 18.2 27.2

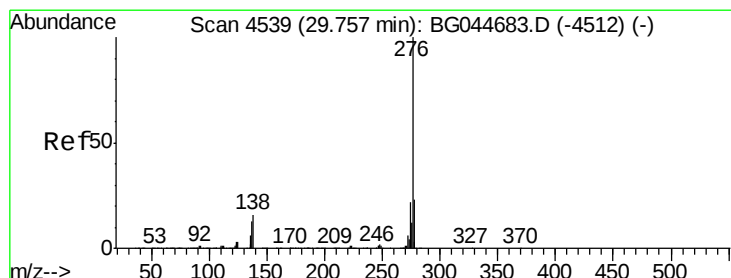
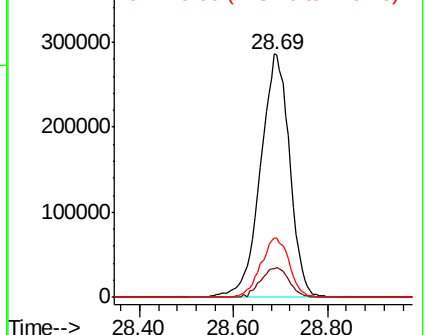
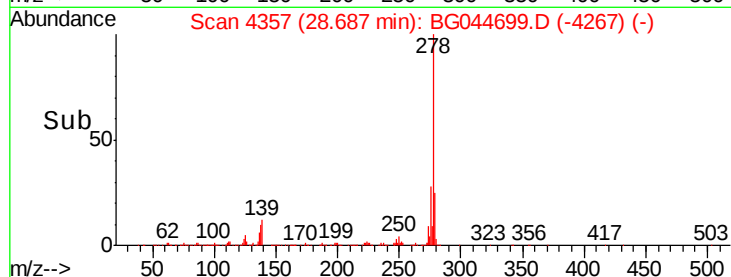


Abundance

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: 37.674 ng

RT: 29.75 min Scan# 4538

Delta R.T. -0.01 min

Lab File: BG044699.D

Acq: 6 Mar 2020 15:57

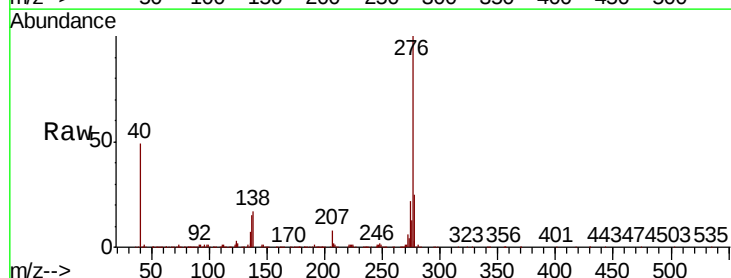
Tgt Ion:276 Resp: 1242281

Ion Ratio Lower Upper

276 100

277 25.4 18.7 28.1

138 17.2 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

