

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
 Data File : BG044791.D
 Acq On : 14 Mar 2020 9:48
 Operator : CG/JU
 Sample : L1826-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Quant Time: Mar 16 01:34:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	112622	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	453438	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	311230	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	675557	20.00	ng	0.00
76) Chrysene-d12	21.71	240	545771	20.00	ng	0.00
87) Perylene-d12	24.92	264	590537	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	844045	116.67	ng	0.00
7) Phenol-d6	7.22	99	1093894	104.07	ng	0.00
23) Nitrobenzene-d5	9.22	82	863536	83.57	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	524073	128.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1756567	80.82	ng	0.00
79) Terphenyl-d14	20.05	244	2318975	79.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	93580	26.86	ng	# 30
3) Pyridine	3.94	79	30546	2.96	ng	97
4) n-Nitrosodimethylamine	3.84	42	129330	33.05	ng	98
6) Aniline	7.39	93	32592	2.49	ng	94
8) 2-Chlorophenol	7.63	128	347579	48.13	ng	94
9) Benzaldehyde	7.19	77	323942	56.95	ng	97
10) Phenol	7.25	94	408731	39.28	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	346586	41.73	ng	98
12) 1,3-Dichlorobenzene	7.95	146	353229	39.70	ng	98
13) 1,4-Dichlorobenzene	8.10	146	361696	41.12	ng	98
14) 1,2-Dichlorobenzene	8.41	146	344252	41.27	ng	97
15) Benzyl Alcohol	8.29	79	340980	40.43	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.59	45	531799	36.28	ng	97
17) 2-Methylphenol	8.50	107	306199	43.44	ng	95
18) Hexachloroethane	9.15	117	138345	39.95	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	300764	40.52	ng	# 94
20) 3+4-Methylphenols	8.83	107	420106	43.23	ng	98
22) Acetophenone	8.88	105	531462	41.37	ng	99
24) Nitrobenzene	9.26	77	457347	42.66	ng	97
25) Isophorone	9.79	82	849215	42.11	ng	99
26) 2-Nitrophenol	9.98	139	190283	50.76	ng	91
27) 2,4-Dimethylphenol	10.04	122	249366	37.97	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	478309	39.74	ng	96
29) 2,4-Dichlorophenol	10.51	162	359966	46.93	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	390334	42.56	ng	95
31) Naphthalene	10.92	128	1088928	43.35	ng	99
32) Benzoic acid	10.17	122	189235	39.21	ng	97
33) 4-Chloroaniline	11.02	127	25407	2.25	ng	93
34) Hexachlorobutadiene	11.22	225	254084	42.12	ng	98
35) Caprolactam	11.79	113	46625	16.05	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	412688	45.11	ng	97
37) 2-Methylnaphthalene	12.52	142	818934	43.58	ng	97
38) 1-Methylnaphthalene	12.74	142	767922	43.47	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	435821	42.52	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
 Data File : BG044791.D
 Acq On : 14 Mar 2020 9:48
 Operator : CG/JU
 Sample : L1826-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Quant Time: Mar 16 01:34:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

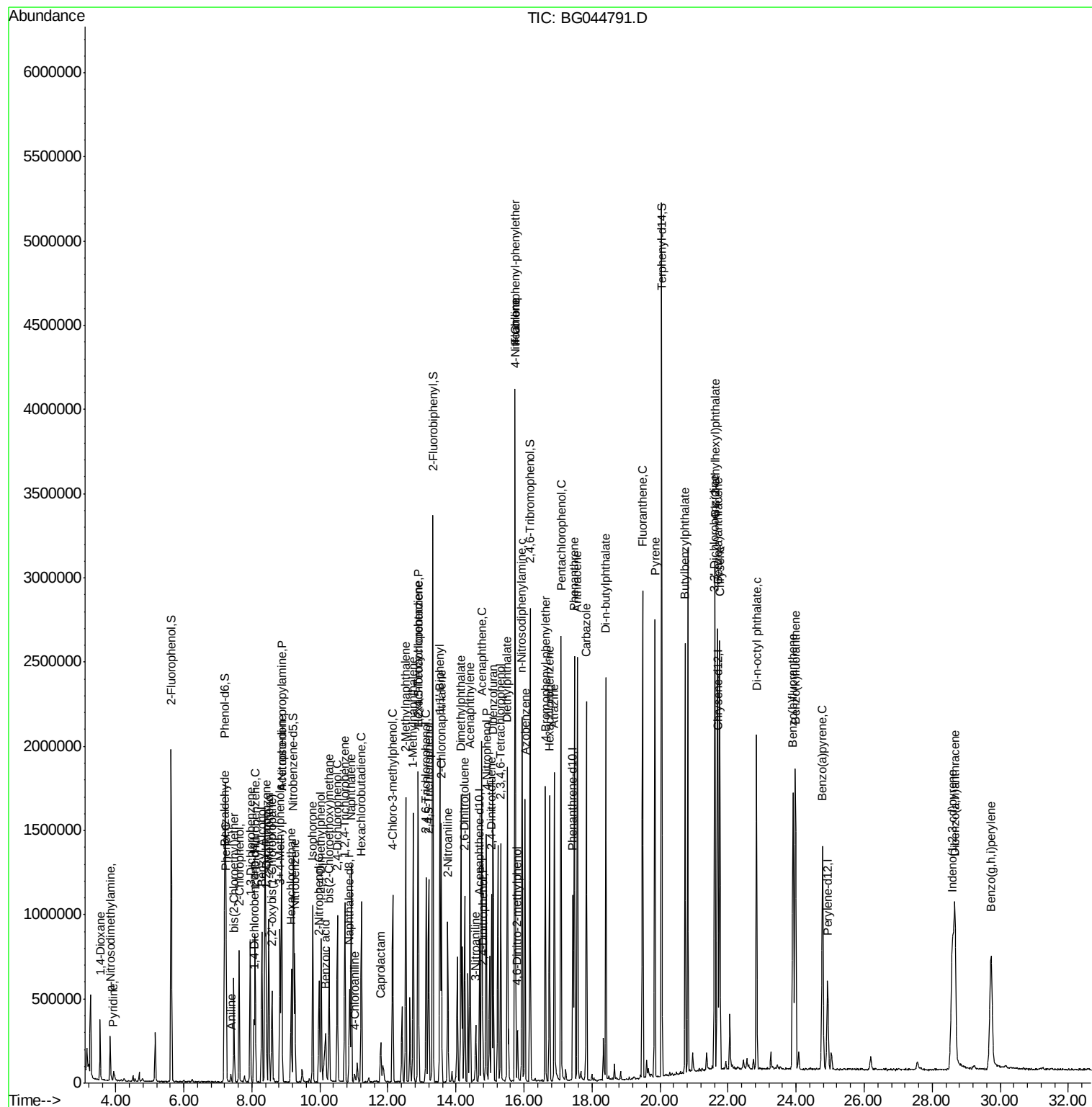
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	263590	47.06	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	309855	45.55	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	336792	47.74	ng	96
46) 1,1'-Biphenyl	13.53	154	1009603	40.59	ng	97
47) 2-Chloronaphthalene	13.57	162	769548	40.50	ng	97
48) 2-Nitroaniline	13.76	65	294631	44.29	ng	95
49) Acenaphthylene	14.41	152	1260458	42.35	ng	100
50) Dimethylphthalate	14.15	163	1156080	46.64	ng	100
51) 2,6-Dinitrotoluene	14.25	165	228564	45.74	ng	98
52) Acenaphthene	14.75	154	812093	41.66	ng	100
53) 3-Nitroaniline	14.58	138	84520	14.71	ng	90
54) 2,4-Dinitrophenol	14.79	184	85698	37.73	ng	# 69
55) Dibenzofuran	15.09	168	1202798	42.55	ng	99
56) 4-Nitrophenol	14.89	139	354066	80.76	ng	98
57) 2,4-Dinitrotoluene	15.04	165	317749	46.37	ng	# 92
58) Fluorene	15.74	166	997741	42.91	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	307310	47.32	ng	94
60) Diethylphthalate	15.51	149	1057580	40.91	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	530773	42.39	ng	95
62) 4-Nitroaniline	15.75	138	201651	32.92	ng	96
63) Azobenzene	16.03	77	1089987	40.60	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	76280	27.86	ng	98
66) n-Nitrosodiphenylamine	15.94	169	879241	43.23	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	372270	44.08	ng	95
68) Hexachlorobenzene	16.75	284	397711	43.41	ng	98
69) Atrazine	16.89	200	340805	45.74	ng	97
70) Pentachlorophenol	17.09	266	481103	95.43	ng	99
71) Phenanthrene	17.48	178	1522441	42.17	ng	97
72) Anthracene	17.57	178	1544301	43.38	ng	99
73) Carbazole	17.83	167	1429200	41.80	ng	98
74) Di-n-butylphthalate	18.40	149	1740484	41.87	ng	100
75) Fluoranthene	19.48	202	1780584	41.42	ng	100
78) Pyrene	19.85	202	1779843	44.45	ng	99
80) Butylbenzylphthalate	20.74	149	783988	44.01	ng	99
81) Benzo(a)anthracene	21.69	228	1710967	43.54	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	454641	29.90	ng	97
83) Chrysene	21.76	228	1610678	42.91	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	1066842	43.39	ng	# 99
85) Di-n-octyl phthalate	22.84	149	1812614	44.06	ng	99
86) Indeno(1,2,3-cd)pyrene	28.60	276	1974904	40.13	ng	# 98
88) Benzo(b)fluoranthene	23.91	252	1770295	45.41	ng	99
89) Benzo(k)fluoranthene	23.98	252	1738184	47.11	ng	99
90) Benzo(a)pyrene	24.78	252	1605074	44.00	ng	97
91) Dibenzo(a,h)anthracene	28.67	278	1637508	45.50	ng	99
92) Benzo(g,h,i)perylene	29.74	276	1574742	43.31	ng	97

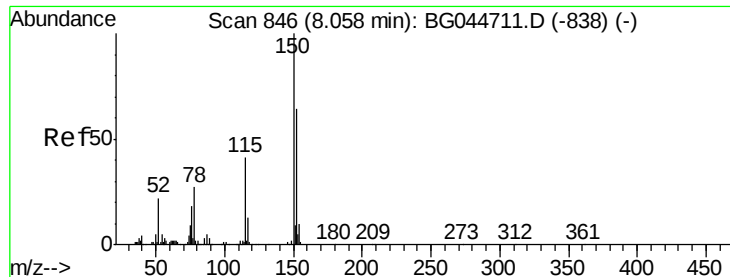
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044791.D
Acq On : 14 Mar 2020 9:48
Operator : CG/JU
Sample : L1826-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Quant Time: Mar 16 01:34:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

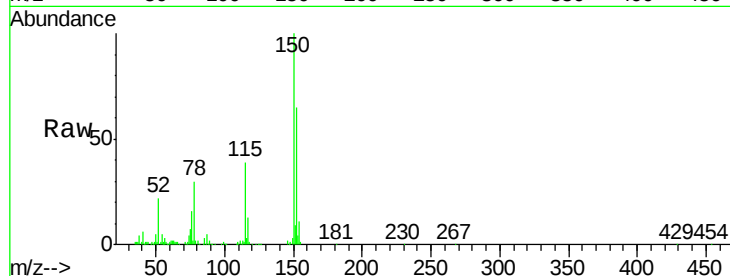
Tgt Ion:152 Resp: 112622

Ion Ratio Lower Upper

152 100

150 152.9 125.3 187.9

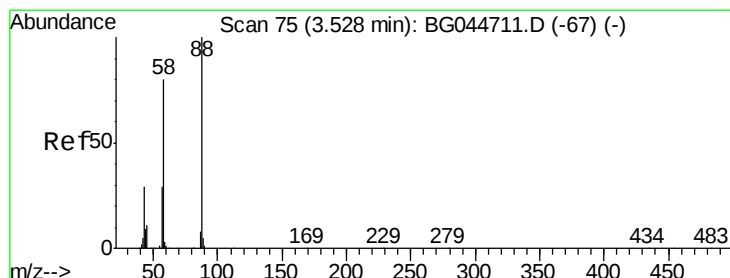
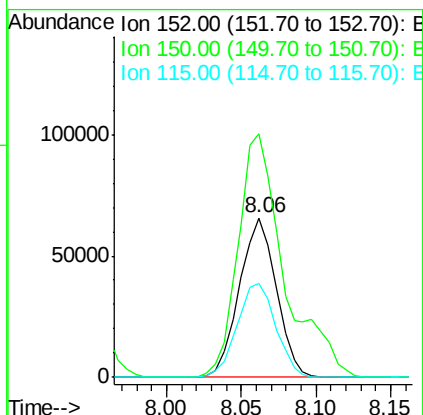
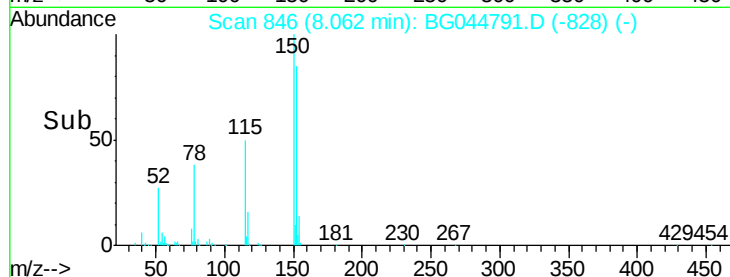
115 59.0 51.7 77.5



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



#2

1,4-Dioxane

Concen: 26.86 ng

RT: 3.54 min Scan# 76

Delta R.T. 0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

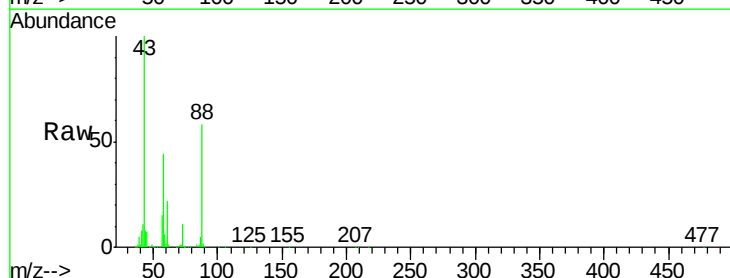
Tgt Ion: 88 Resp: 93580

Ion Ratio Lower Upper

88 100

58 80.6 63.0 94.4

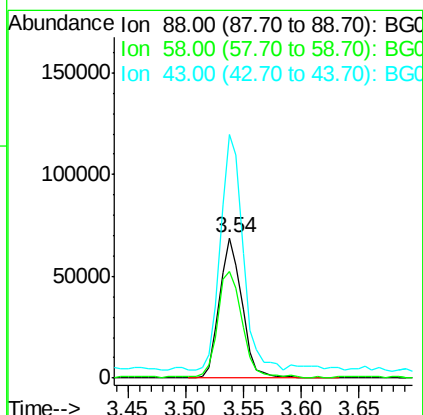
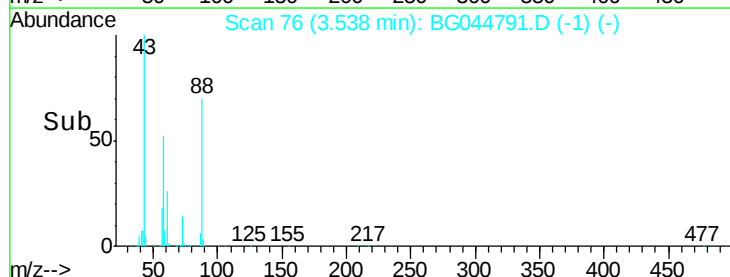
43 165.5 23.2 34.8#

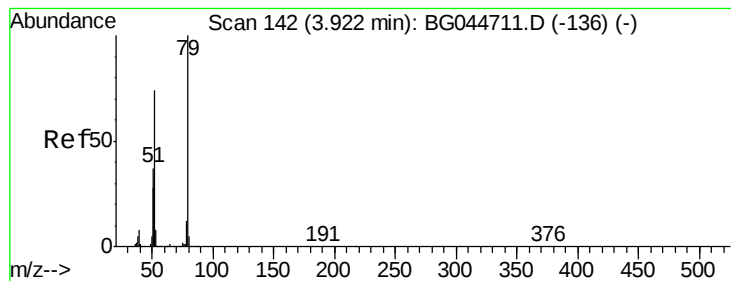


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 2.96 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.02 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

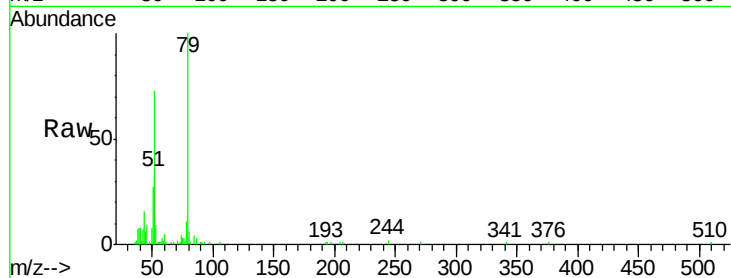
Tgt Ion: 79 Resp: 30546

Ion Ratio Lower Upper

79 100

52 72.6 59.4 89.2

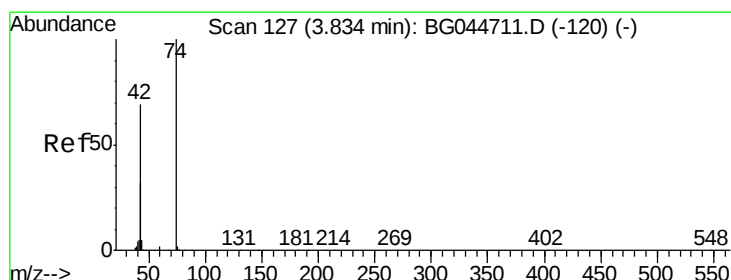
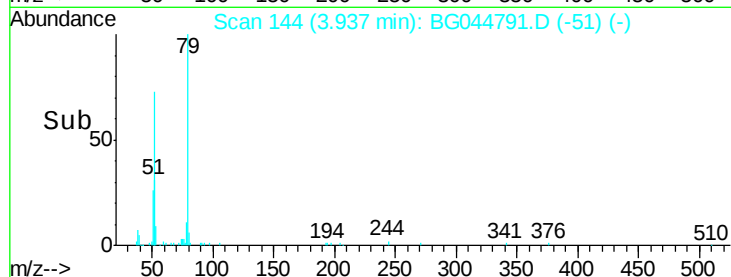
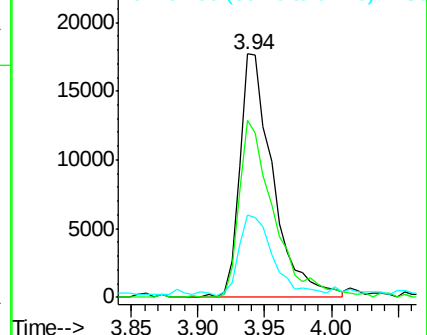
51 33.8 29.7 44.5



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: 33.05 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

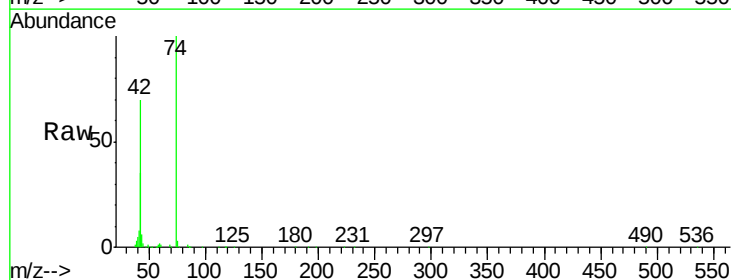
Tgt Ion: 42 Resp: 129330

Ion Ratio Lower Upper

42 100

74 142.5 116.1 174.1

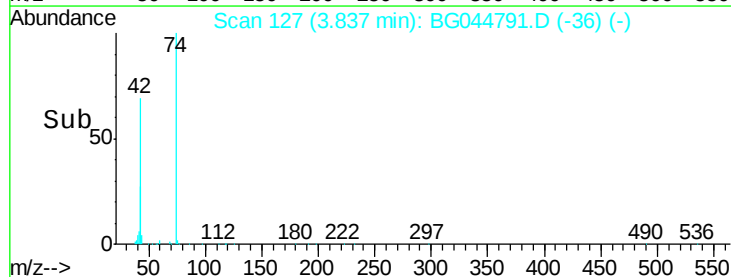
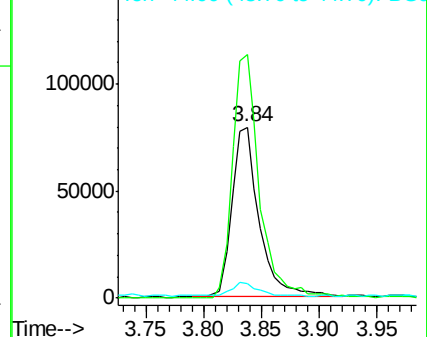
44 8.2 7.1 10.7

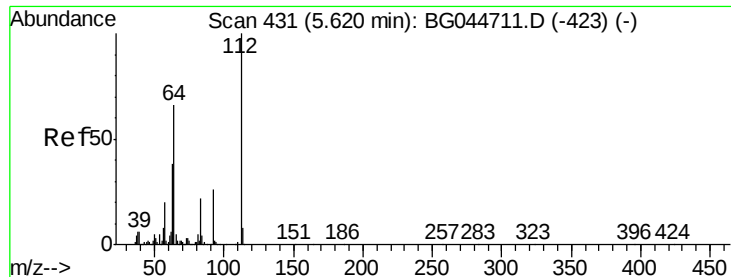


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 116.67 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

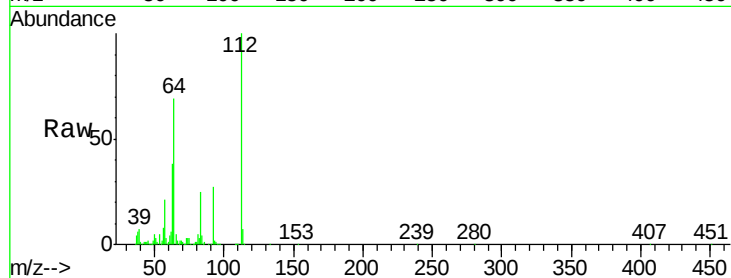
Tgt Ion: 112 Resp: 844045

Ion Ratio Lower Upper

112 100

64 68.9 52.6 78.8

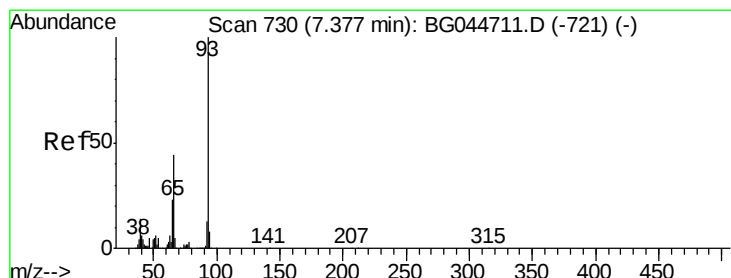
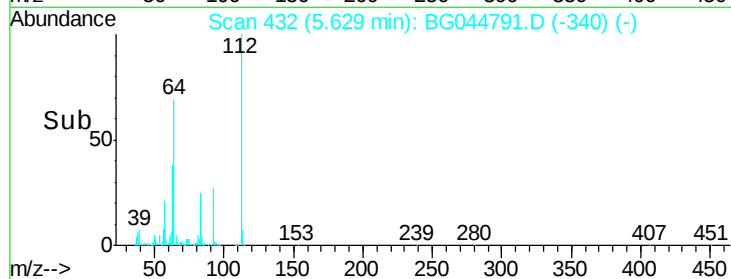
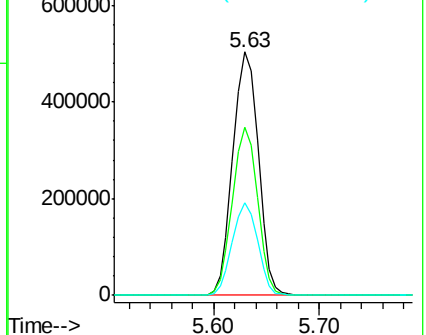
63 38.2 30.2 45.4



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: 2.49 ng

RT: 7.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

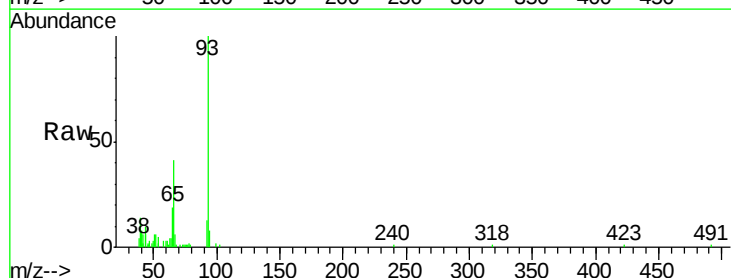
Tgt Ion: 93 Resp: 32592

Ion Ratio Lower Upper

93 100

66 40.7 35.3 52.9

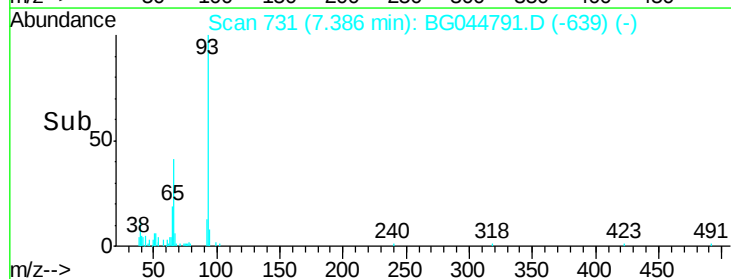
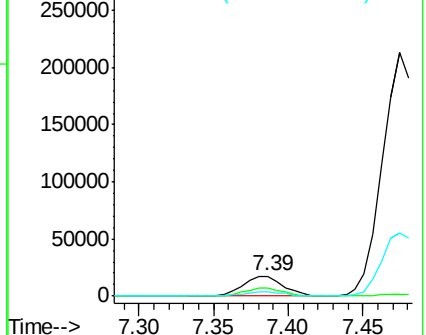
65 19.2 18.2 27.4

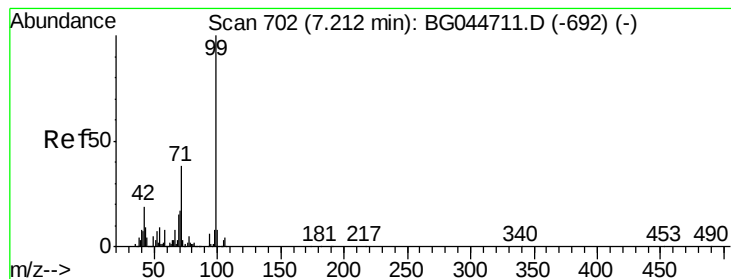


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.07 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

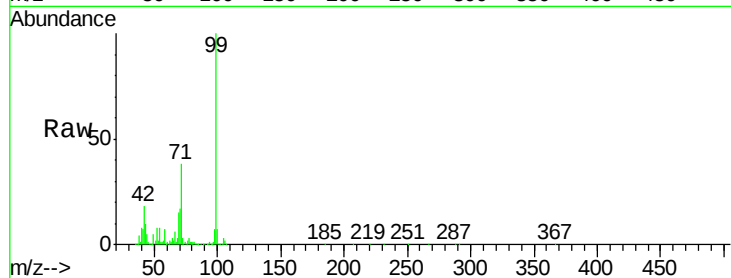
Tgt Ion: 99 Resp: 1093894

Ion Ratio Lower Upper

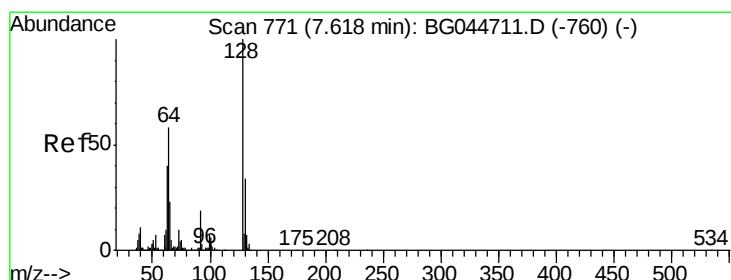
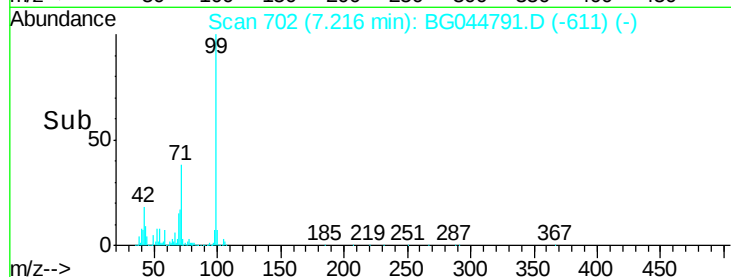
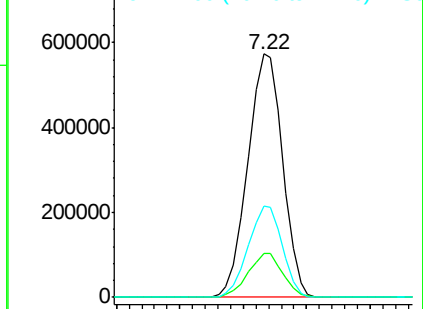
99 100

42 18.1 15.4 23.0

71 37.7 30.2 45.4



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: 48.13 ng

RT: 7.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

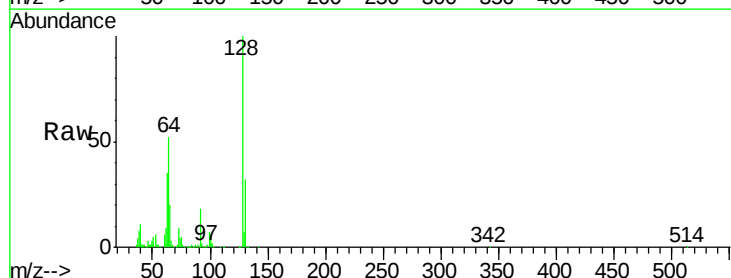
Tgt Ion: 128 Resp: 347579

Ion Ratio Lower Upper

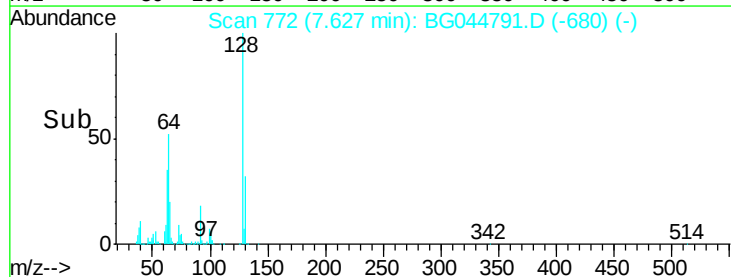
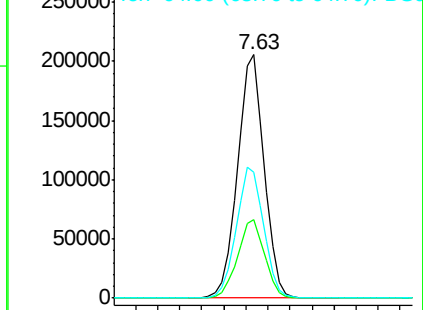
128 100

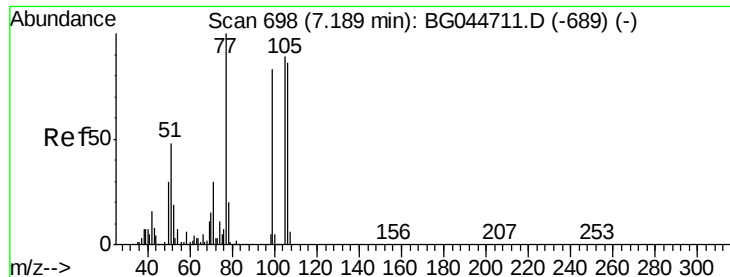
130 32.4 13.6 53.6

64 51.9 38.6 78.6



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





#9

Benzaldehyde

Concen: 56.95 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

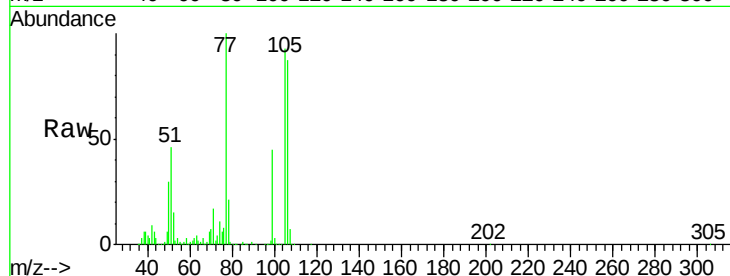
Tgt Ion: 77 Resp: 323942

Ion Ratio Lower Upper

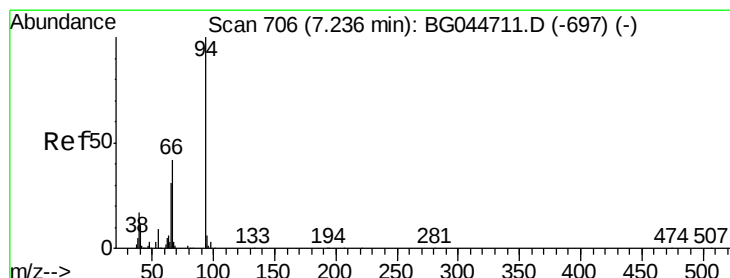
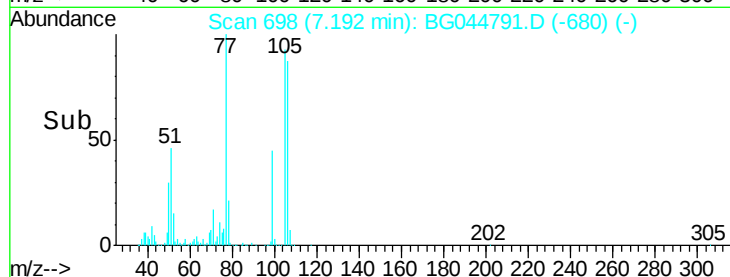
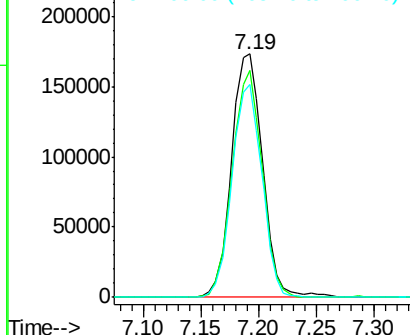
77 100

105 93.3 68.6 108.6

106 87.2 65.9 105.9



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: 39.28 ng

RT: 7.25 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

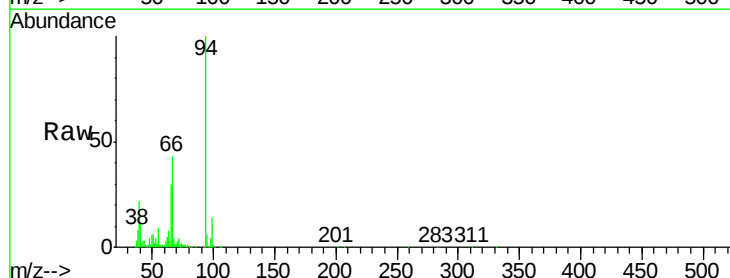
Tgt Ion: 94 Resp: 408731

Ion Ratio Lower Upper

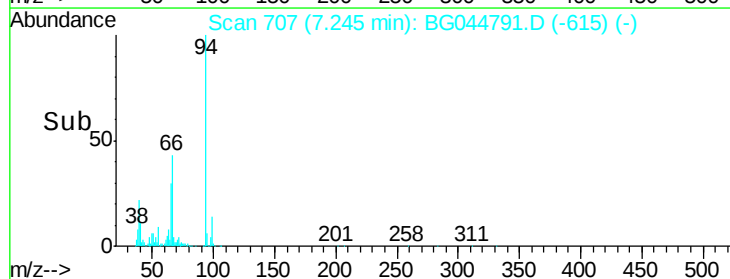
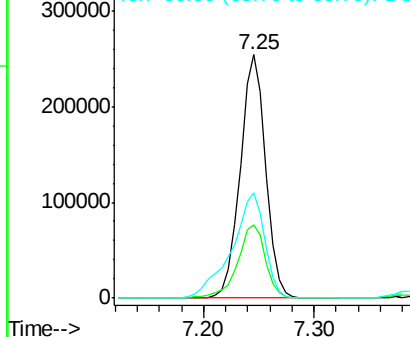
94 100

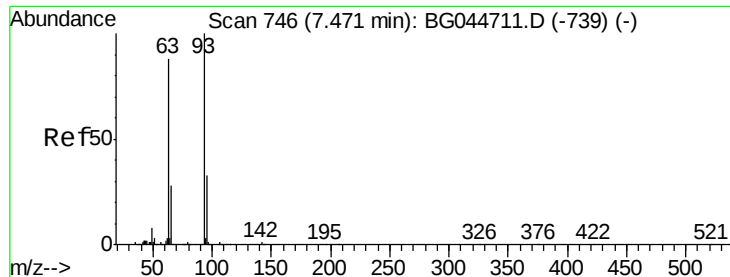
65 30.3 11.3 51.3

66 43.3 22.9 62.9



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

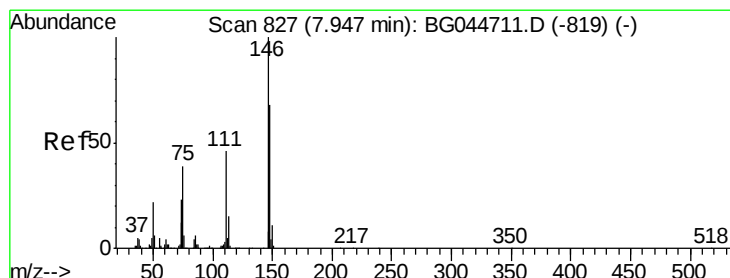
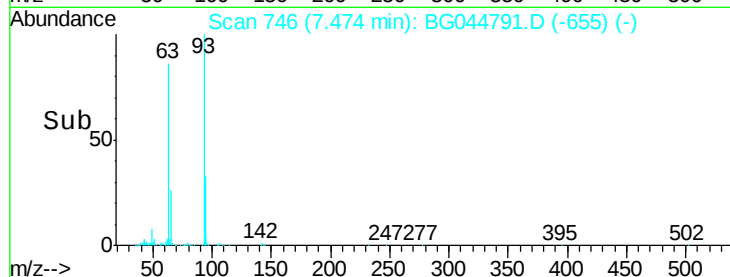
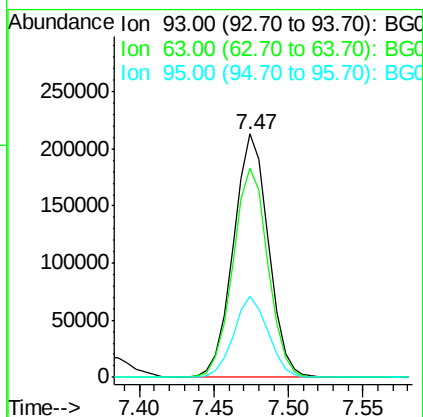
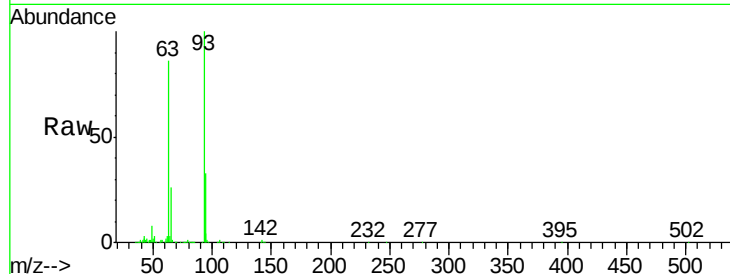




#11
bis(2-Chloroethyl)ether
Concen: 41.73 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

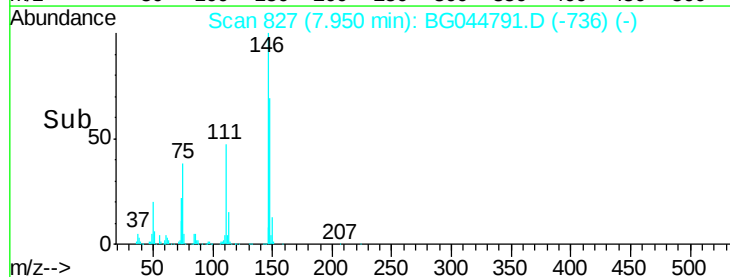
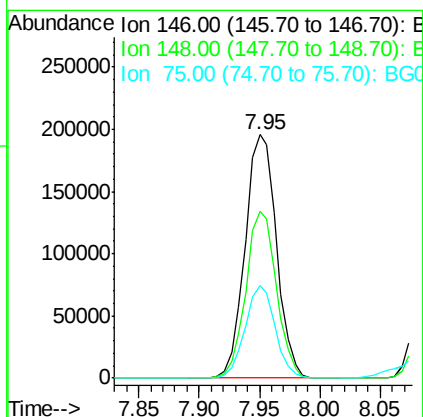
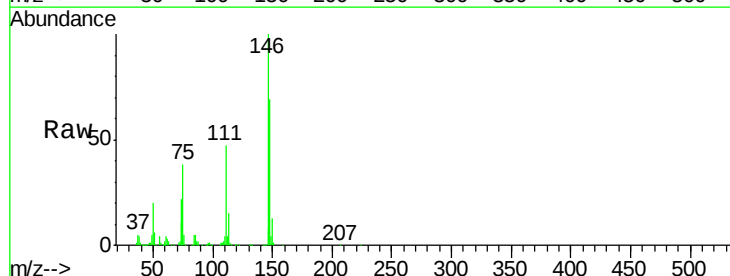
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

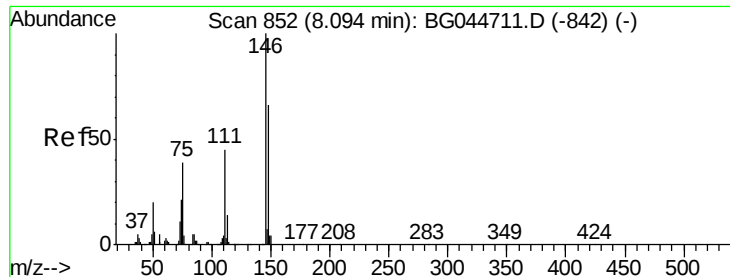
Tgt Ion: 93 Resp: 346586
Ion Ratio Lower Upper
93 100
63 86.0 68.1 108.1
95 33.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.70 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion: 146 Resp: 353229
Ion Ratio Lower Upper
146 100
148 68.7 54.2 81.2
75 37.9 31.3 46.9

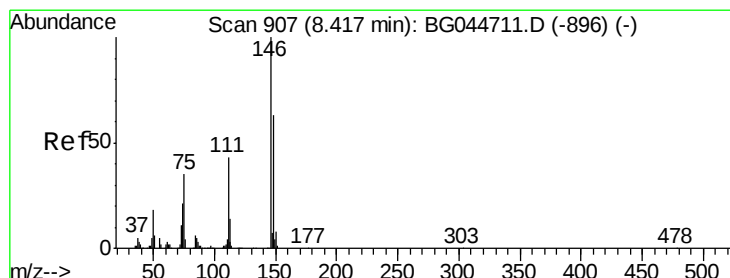
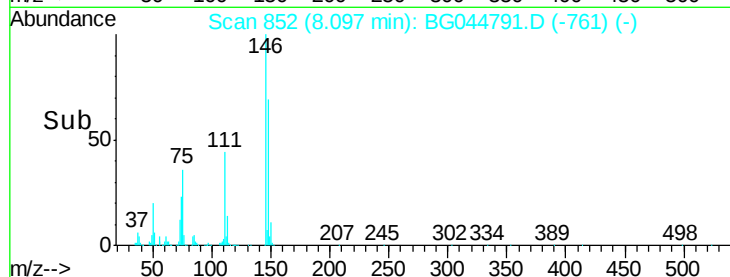
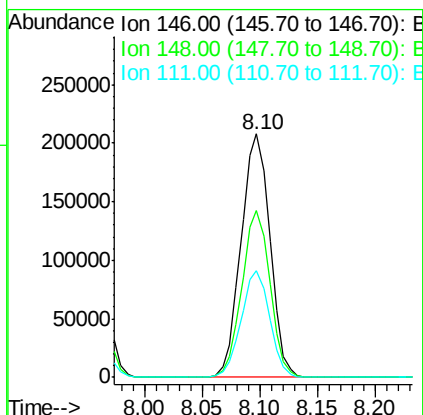
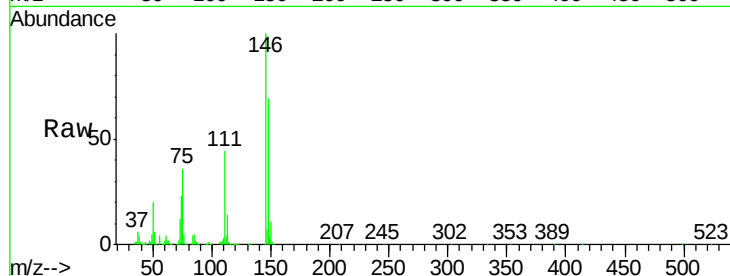




#13
 1,4-Dichlorobenzene
 Concen: 41.12 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

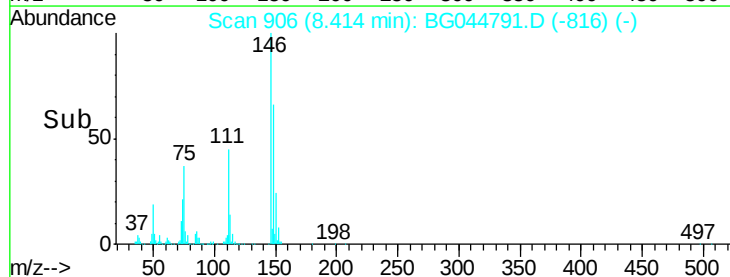
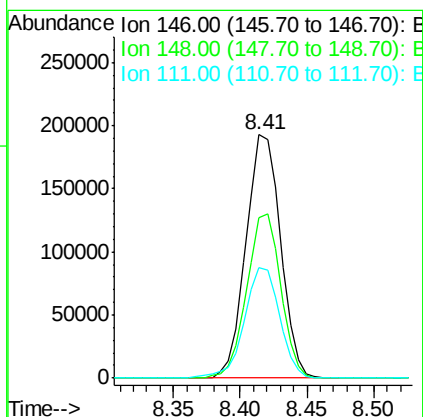
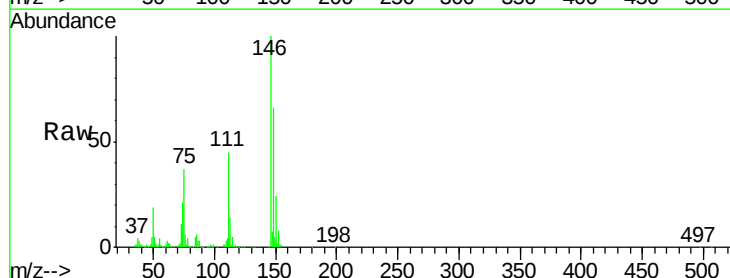
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

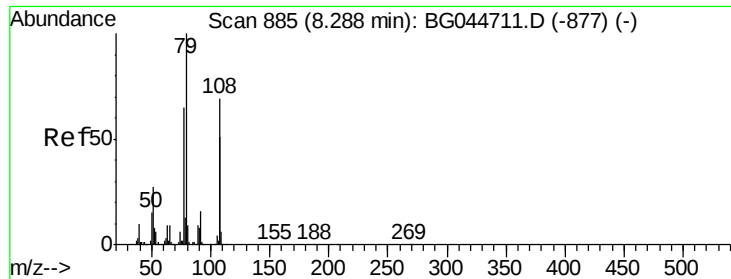
Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	52.9	79.3
111	44.0	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	45.4	34.8	52.2





#15

Benzyl Alcohol

Concen: 40.43 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

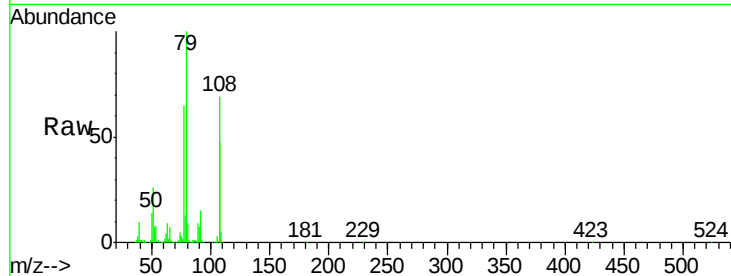
Tgt Ion: 79 Resp: 340980

Ion Ratio Lower Upper

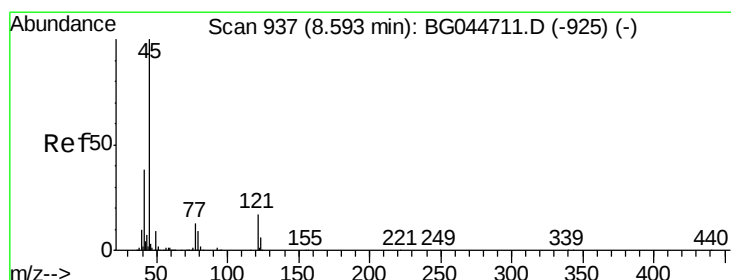
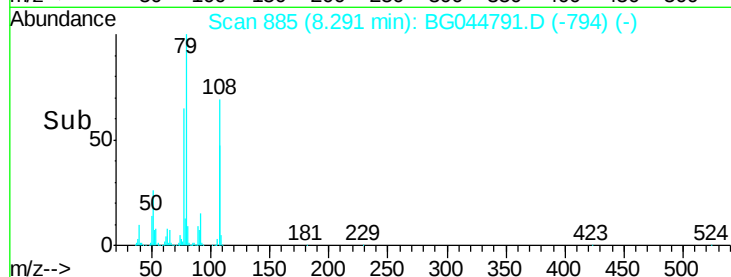
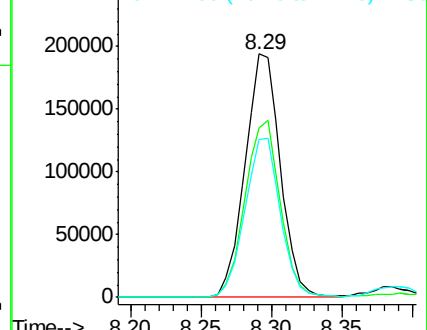
79 100

108 69.5 55.4 83.0

77 64.8 52.2 78.4



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: 36.28 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

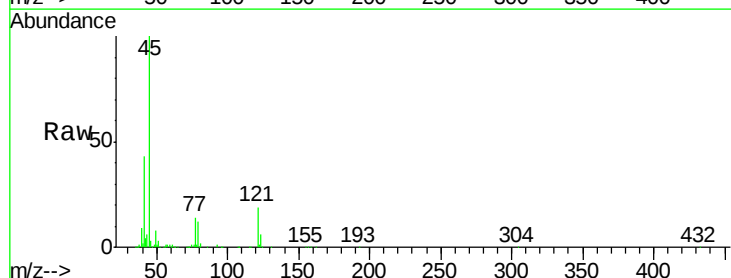
Tgt Ion: 45 Resp: 531799

Ion Ratio Lower Upper

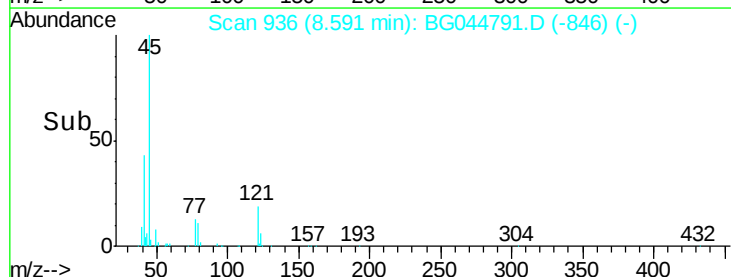
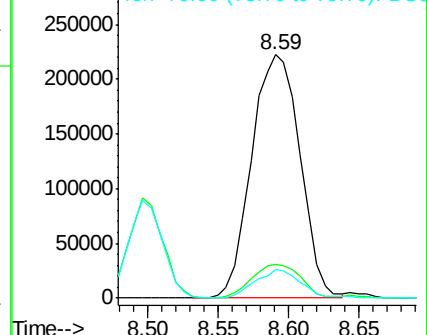
45 100

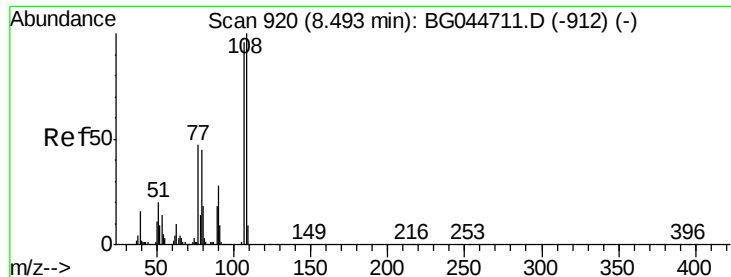
77 13.9 0.0 33.4

79 11.7 0.0 30.0



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

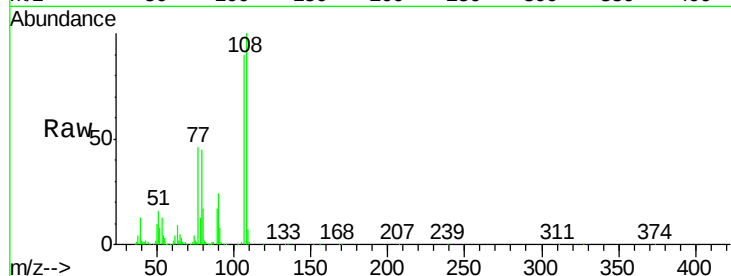




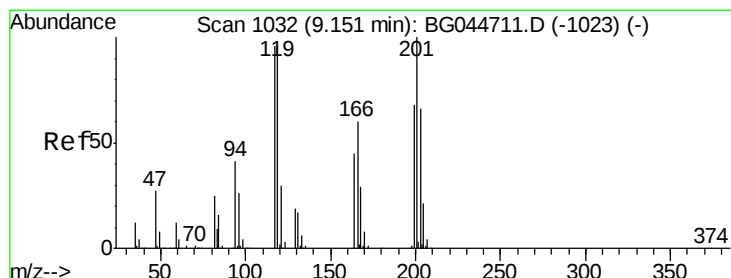
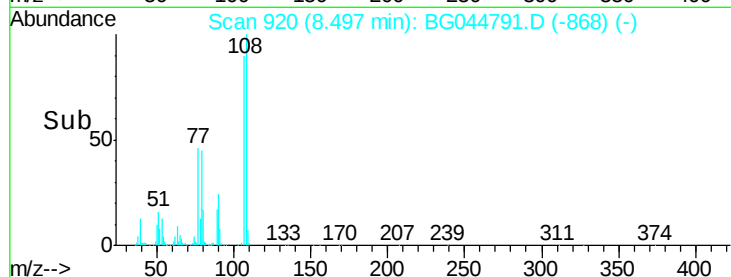
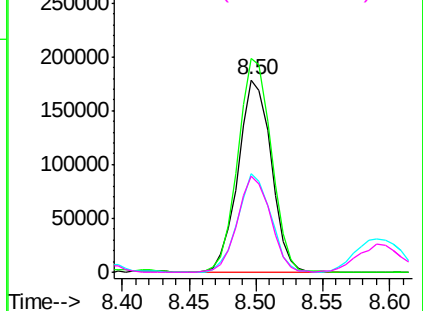
#17
2-Methylphenol
Concen: 43.44 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tgt Ion:	107	Resp:	306199
Ion	Ratio	Lower	Upper
107	100		
108	110.9	83.2	124.8
77	51.0	39.0	58.6
79	49.6	37.6	56.4

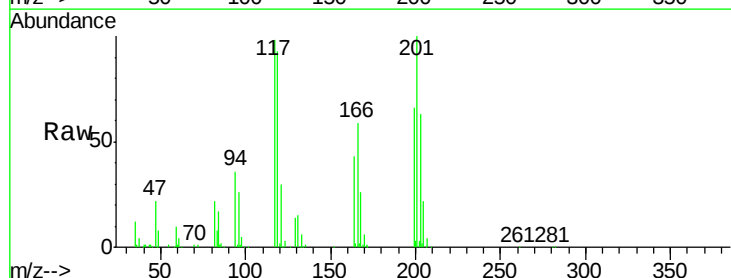


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

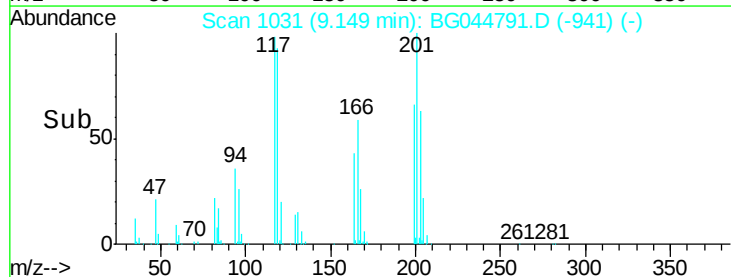
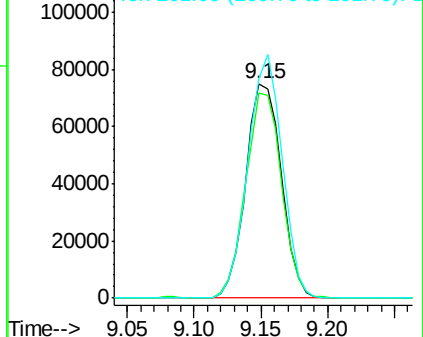


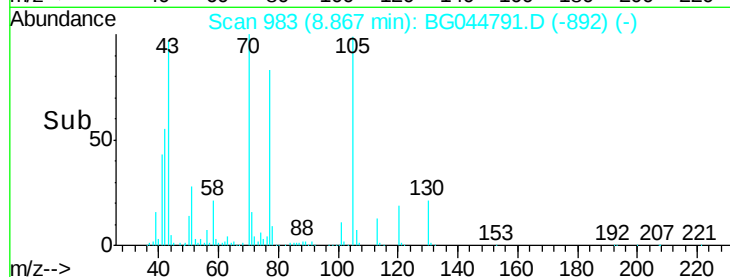
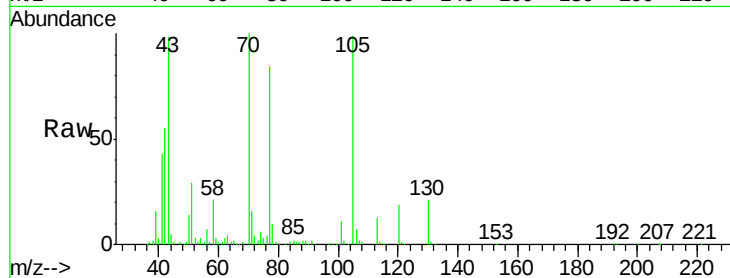
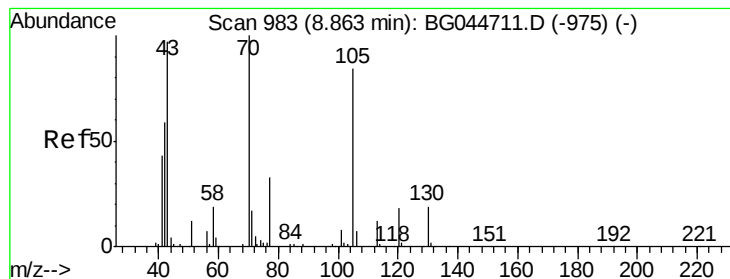
#18
Hexachloroethane
Concen: 39.95 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion:	117	Resp:	138345
Ion	Ratio	Lower	Upper
117	100		
119	95.4	80.2	120.4
201	102.3	83.4	125.2



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: 40.52 ng

RT: 8.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

Tgt Ion: 70 Resp: 300764

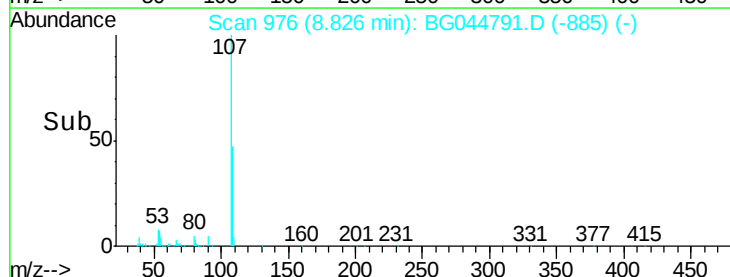
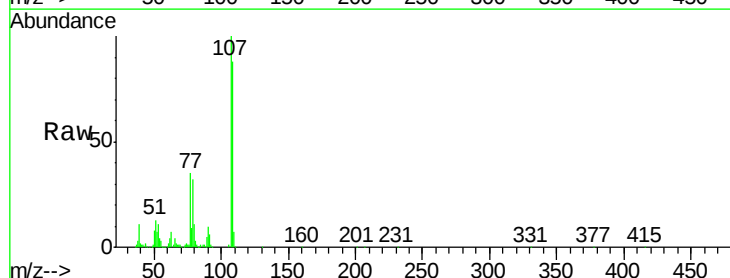
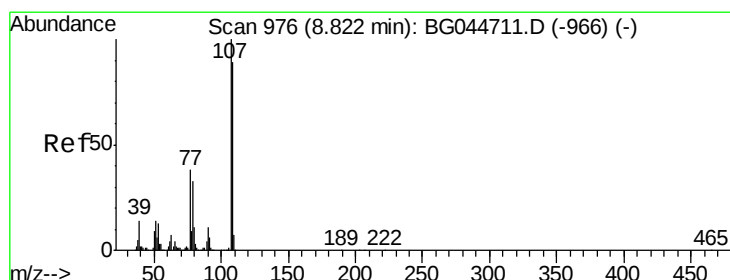
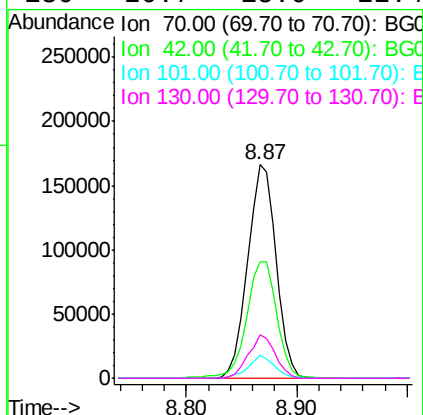
Ion Ratio Lower Upper

70 100

42 54.7 47.6 71.4

101 10.7 6.5 9.7#

130 20.7 15.0 22.4



#20

3+4-Methylphenols

Concen: 43.23 ng

RT: 8.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tgt Ion: 107 Resp: 420106

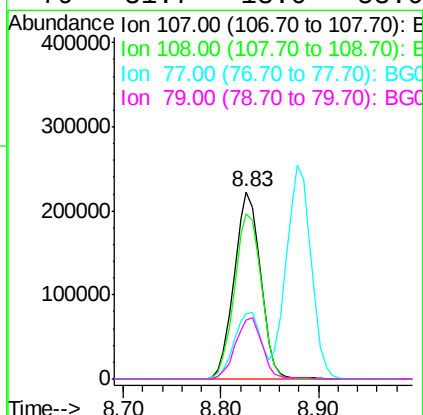
Ion Ratio Lower Upper

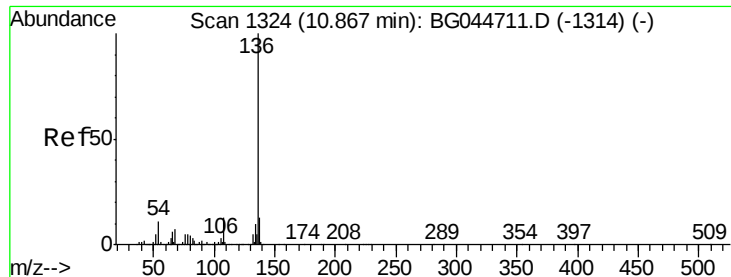
107 100

108 88.5 69.1 109.1

77 35.0 17.7 57.7

79 31.7 13.0 53.0

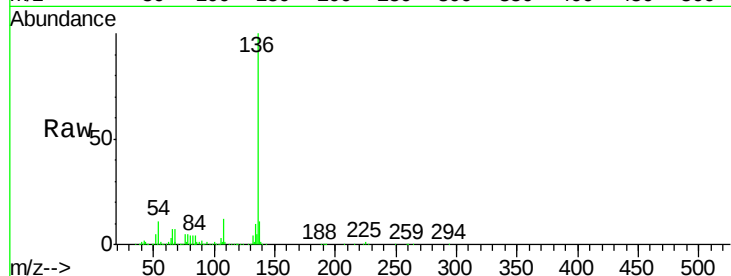




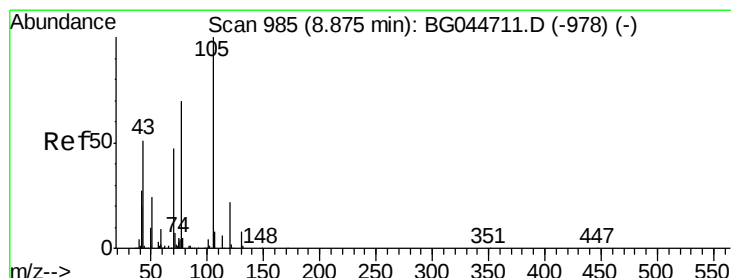
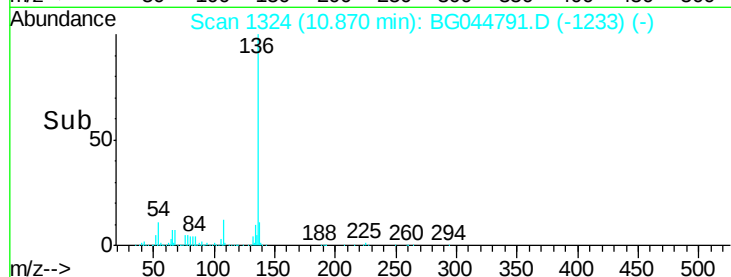
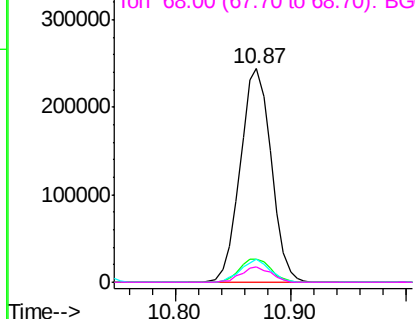
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tgt Ion:	136	Resp:	453438
Ion	Ratio	Lower	Upper
136	100		
137	11.0	10.7	16.1
54	11.0	9.0	13.4
68	7.1	5.9	8.9

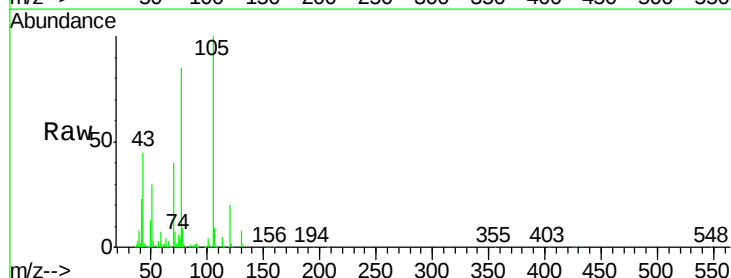


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

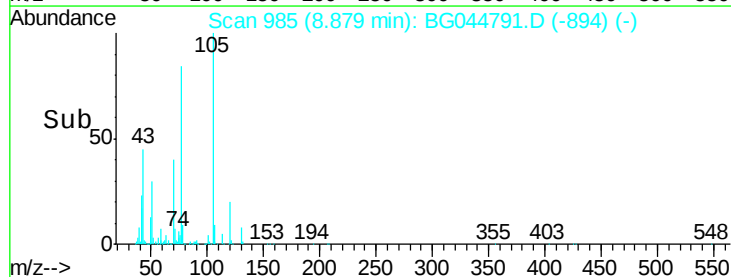
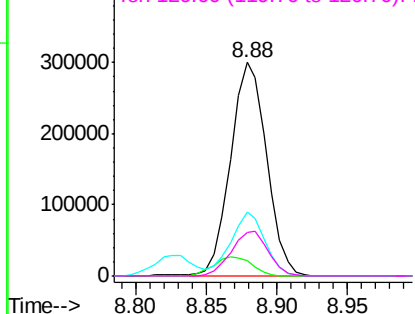


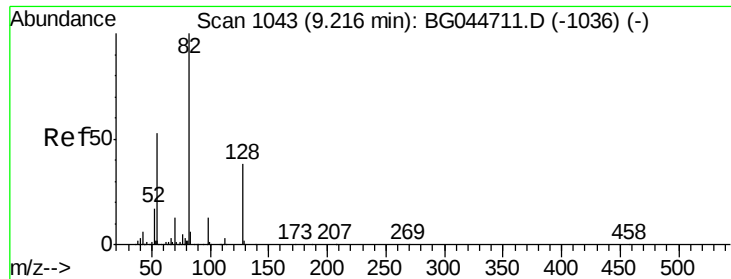
#22
Acetophenone
Concen: 41.37 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion:	105	Resp:	531462
Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.8	8.8
51	30.0	23.8	35.8
120	20.2	17.3	25.9



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

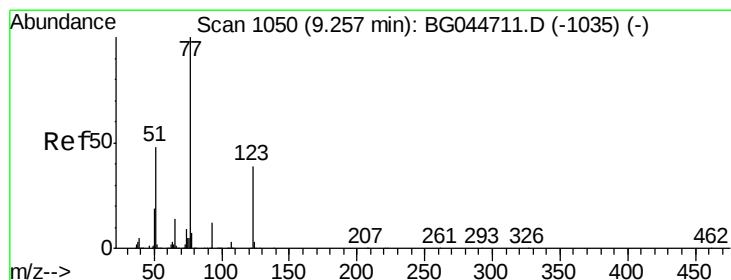
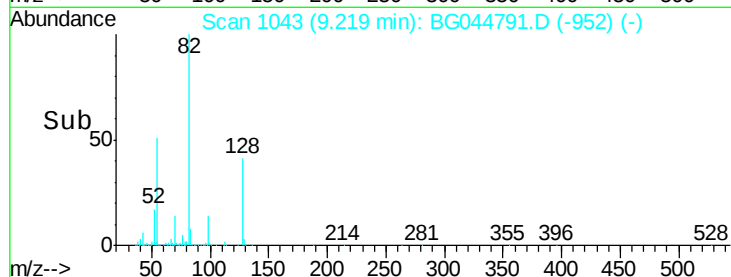
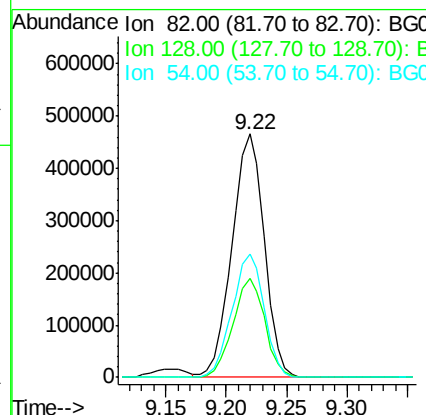
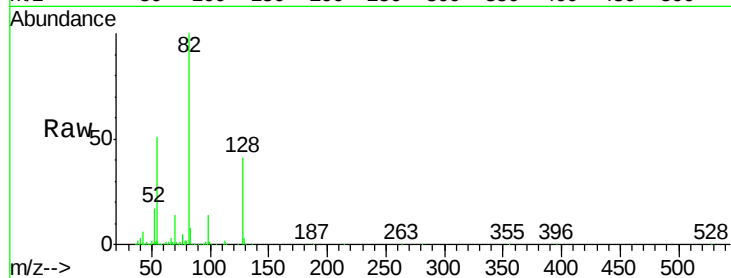




#23
 Nitrobenzene-d5
 Concen: 83.57 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

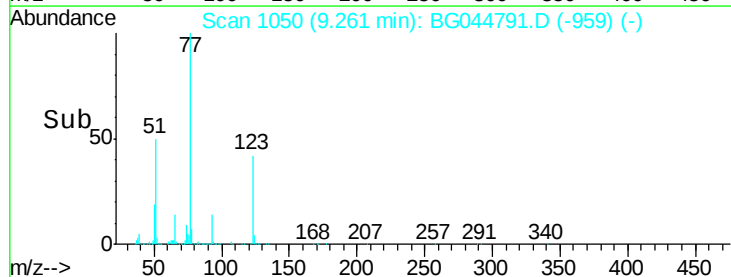
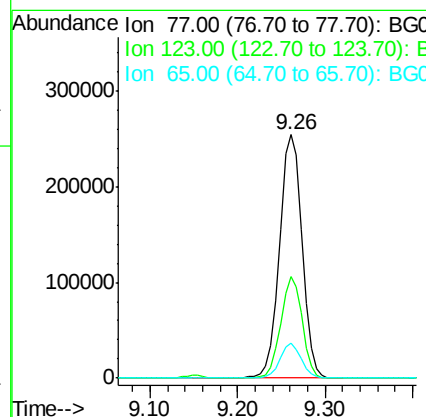
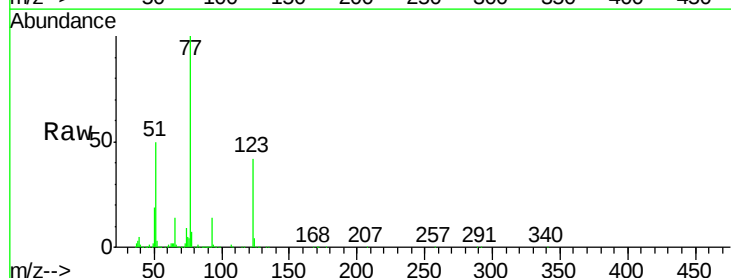
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.2	45.2
54	50.7	41.8	62.8



#24
 Nitrobenzene
 Concen: 42.66 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	31.5	47.3
65	14.4	11.0	16.4

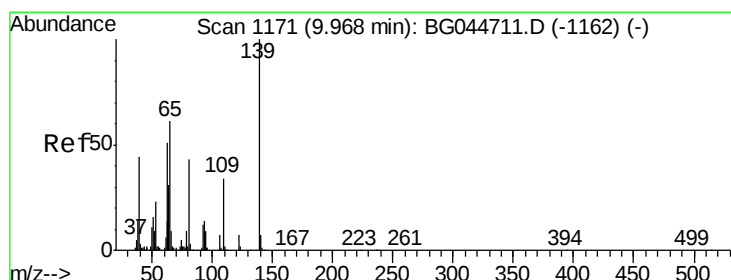
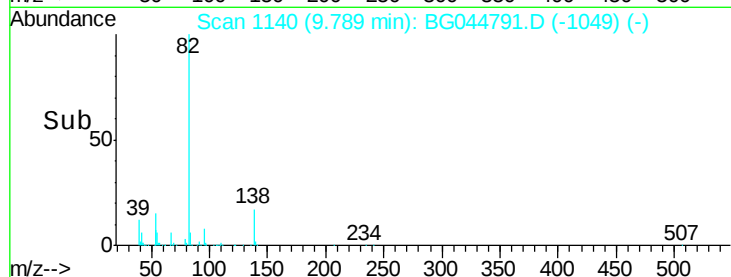
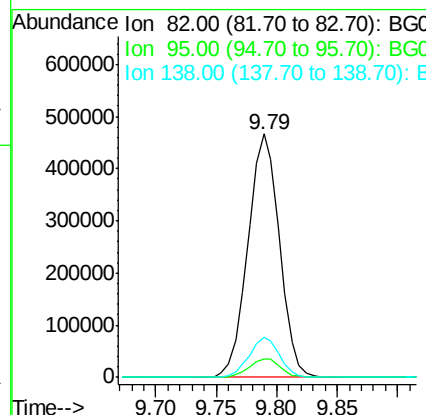
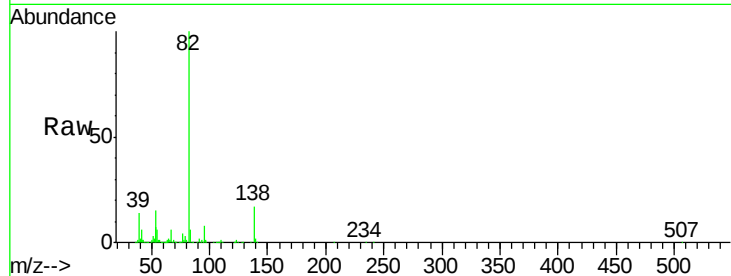




#25
Isophorone
Concen: 42.11 ng
RT: 9.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

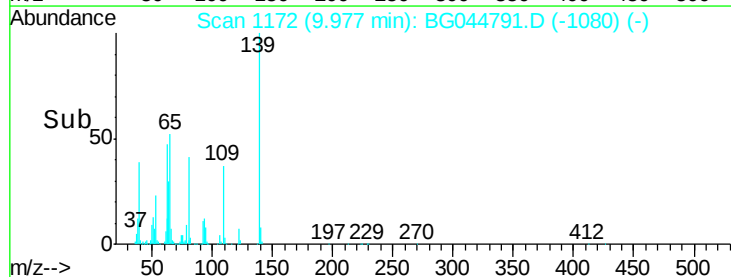
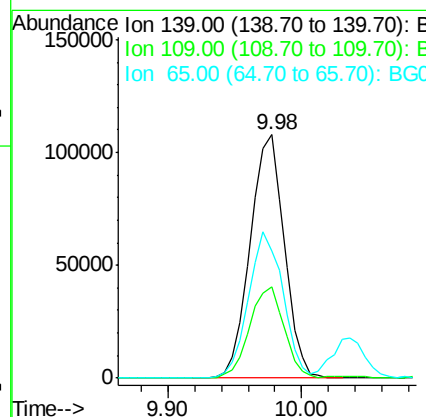
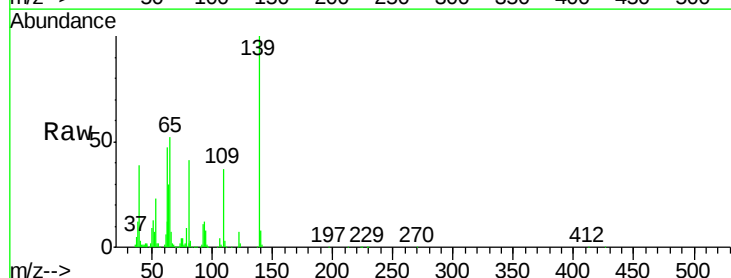
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

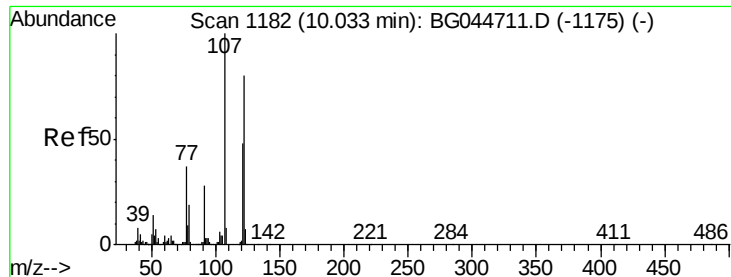
Tgt Ion: 82 Resp: 849215
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 16.6 13.0 19.4



#26
2-Nitrophenol
Concen: 50.76 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion: 139 Resp: 190283
Ion Ratio Lower Upper
139 100
109 37.3 27.0 40.4
65 52.3 48.6 73.0

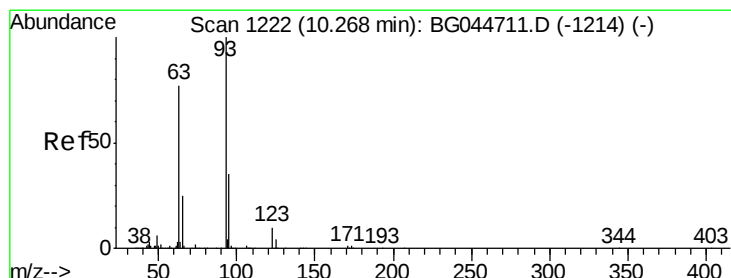
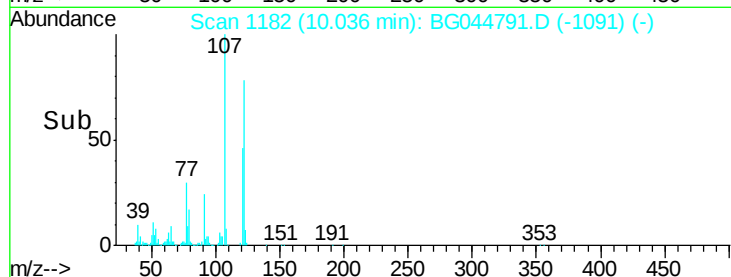
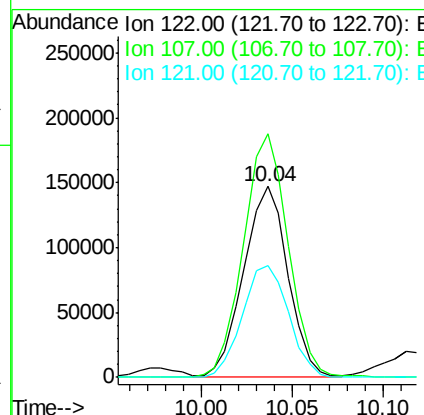
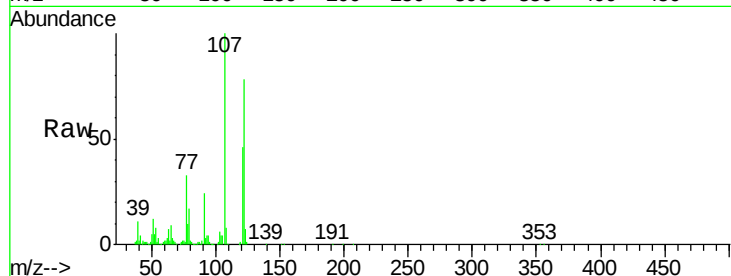




#27
2,4-Dimethylphenol
Concen: 37.97 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

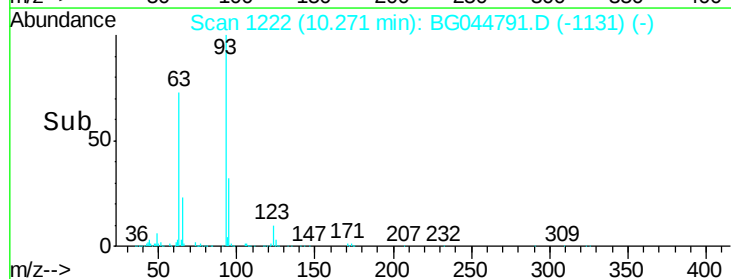
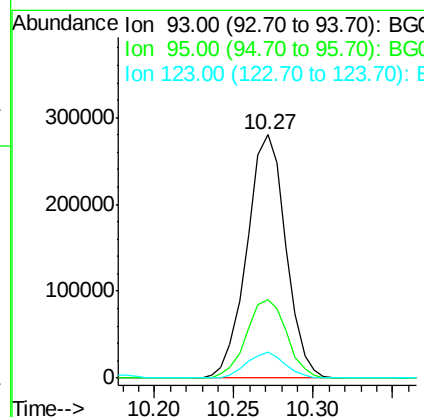
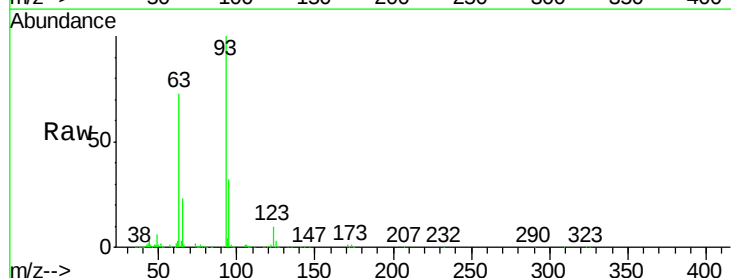
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.6	99.0	148.6
121	58.4	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.74 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.7	41.5
123	10.5	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 46.93 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

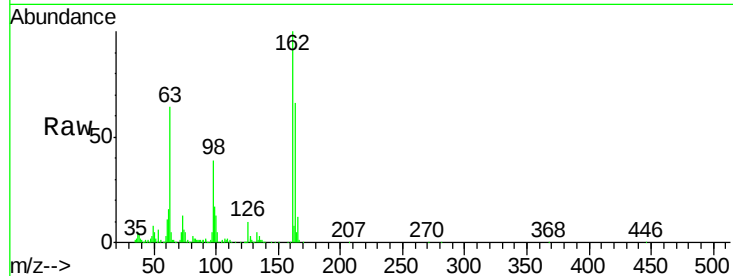
Tgt Ion:162 Resp: 359966

Ion Ratio Lower Upper

162 100

164 65.5 46.5 86.5

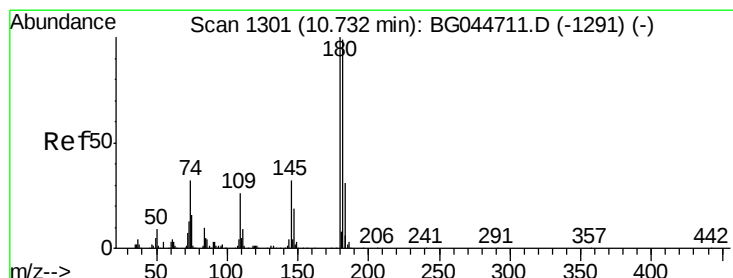
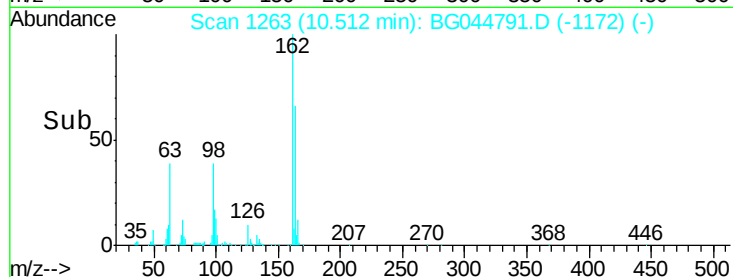
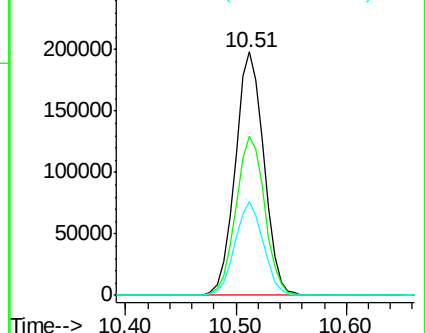
98 38.8 18.1 58.1



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.56 ng

RT: 10.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

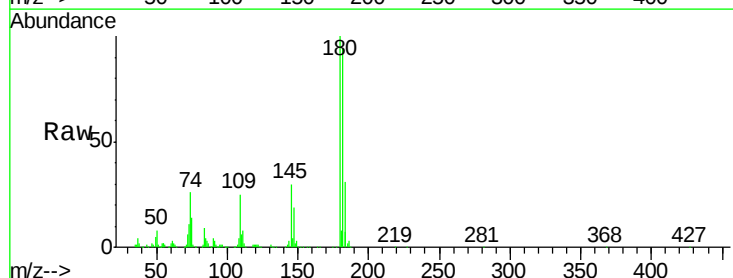
Tgt Ion:180 Resp: 390334

Ion Ratio Lower Upper

180 100

182 93.5 78.8 118.2

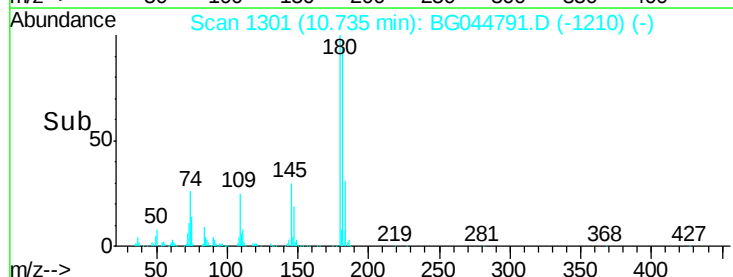
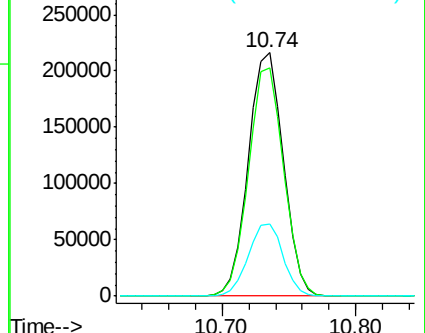
145 29.7 25.4 38.0

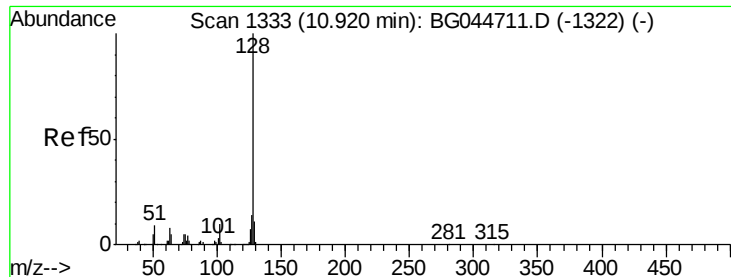


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

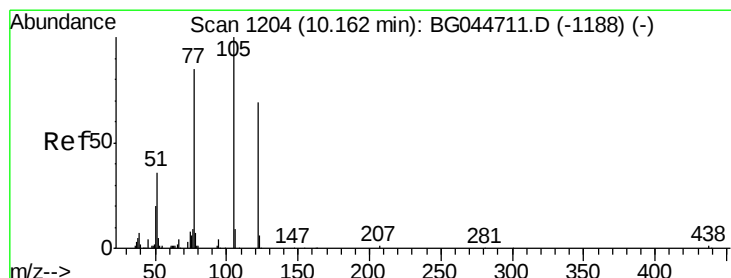
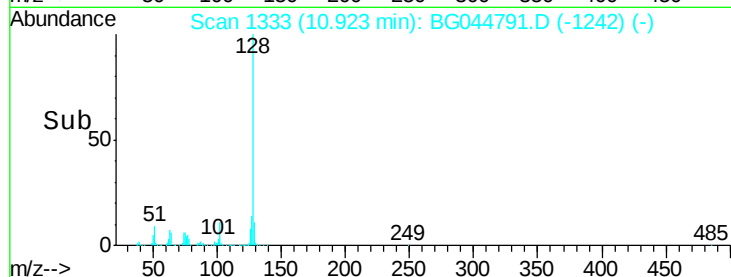
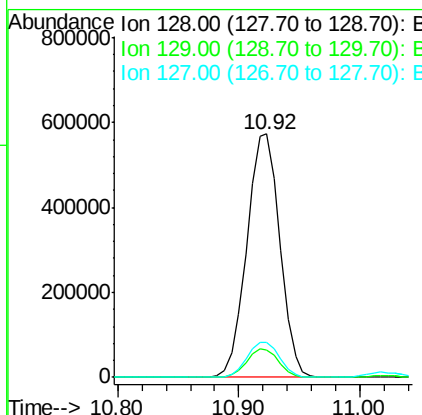
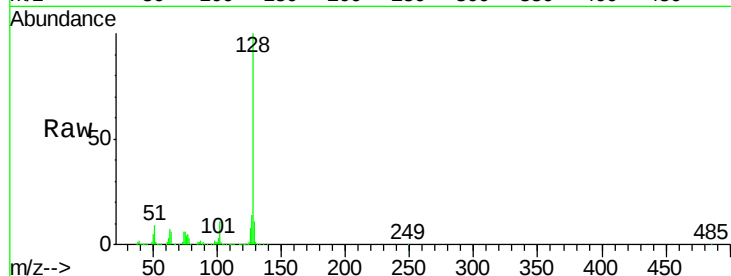




#31
Naphthalene
Concen: 43.35 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

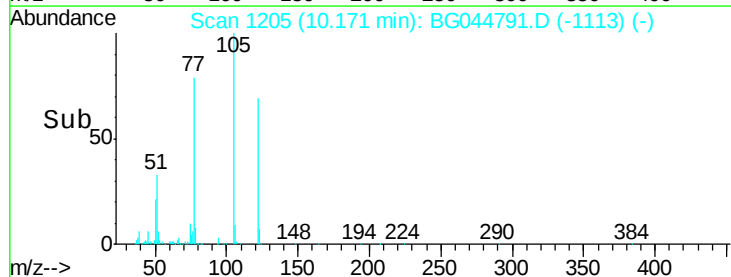
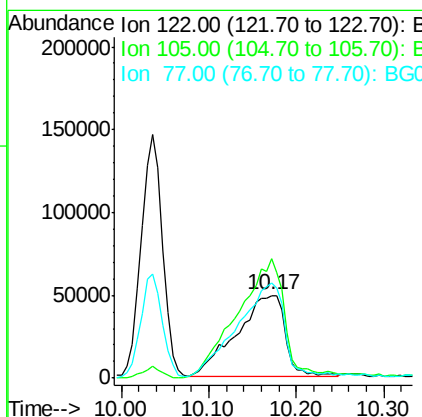
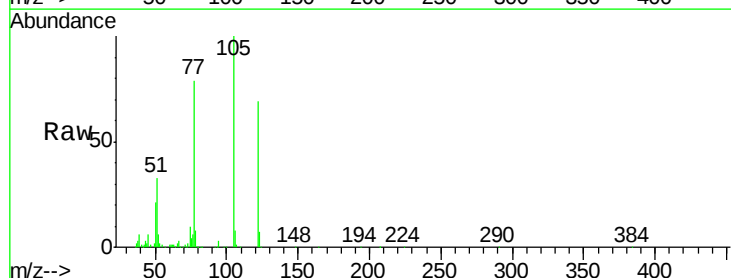
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

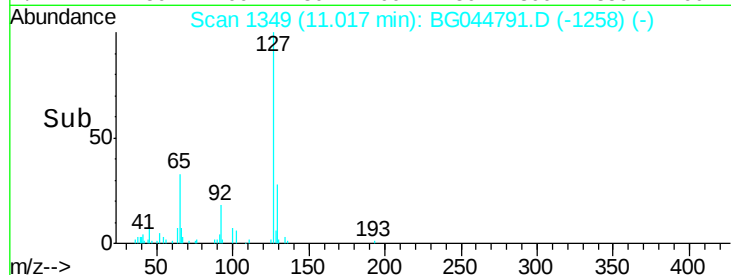
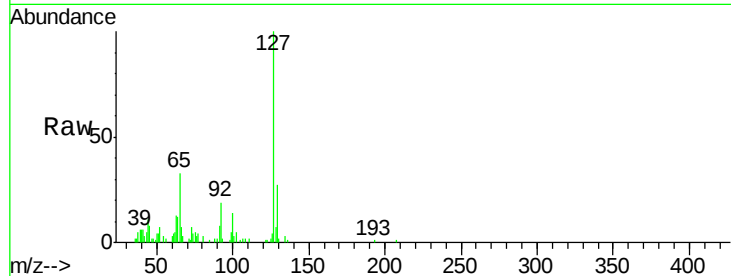
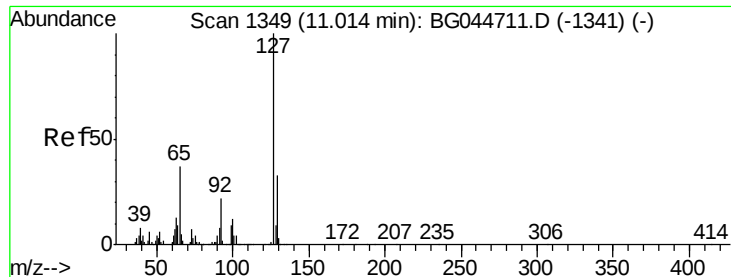
Tgt Ion:128 Resp: 1088928
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 14.2 11.0 16.6



#32
Benzoic acid
Concen: 39.21 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion:122 Resp: 189235
Ion Ratio Lower Upper
122 100
105 144.8 119.0 159.0
77 114.7 96.4 136.4

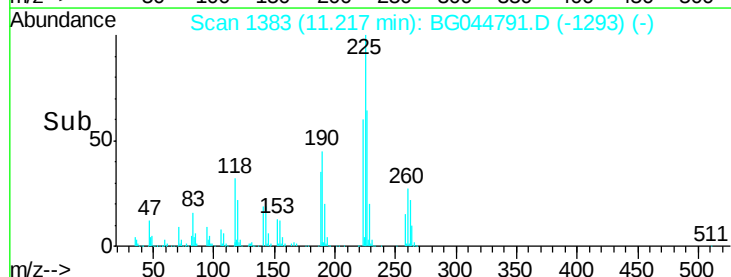
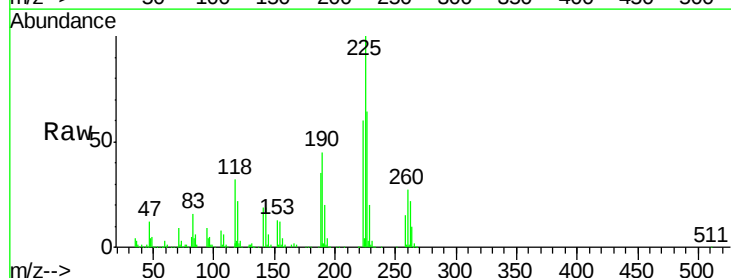
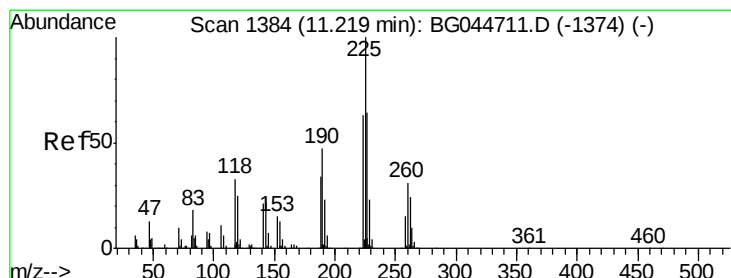
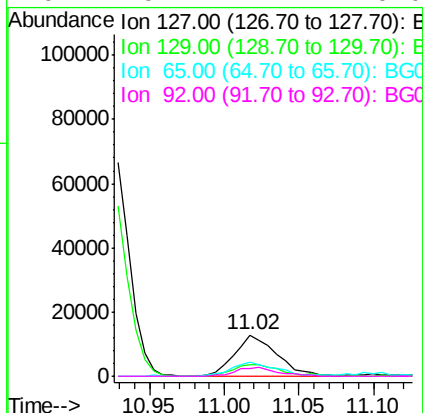




#33
4-Chloroaniline
Concen: 2.25 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

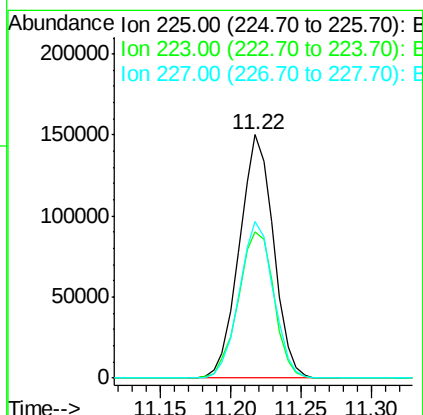
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

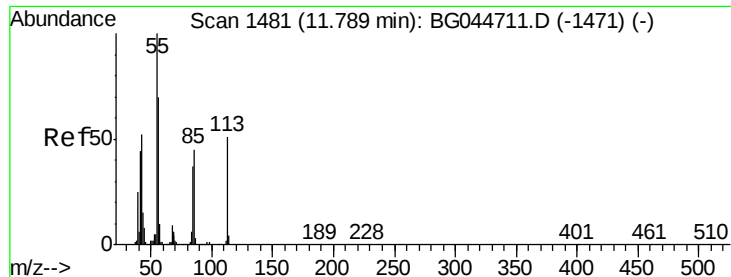
Tgt Ion:	127	Resp:	25407
Ion	Ratio	Lower	Upper
127	100		
129	27.4	26.2	39.4
65	33.3	29.6	44.4
92	19.1	17.4	26.0



#34
Hexachlorobutadiene
Concen: 42.12 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion:	225	Resp:	254084
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.6	76.0
227	64.5	51.6	77.4





#35

Caprolactam

Concen: 16.05 ng

RT: 11.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

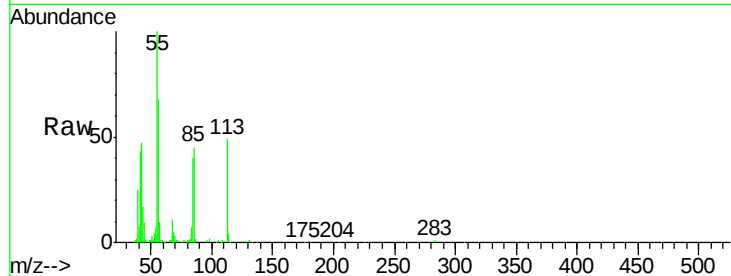
Tgt Ion:113 Resp: 46625

Ion Ratio Lower Upper

113 100

55 202.2 178.4 218.4

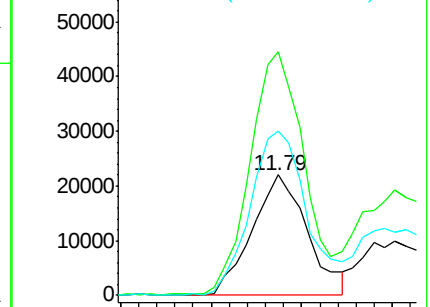
56 136.6 117.7 157.7



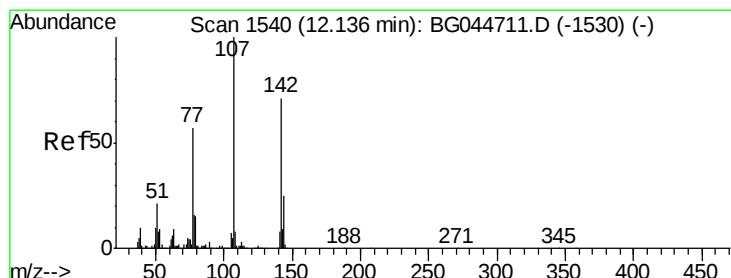
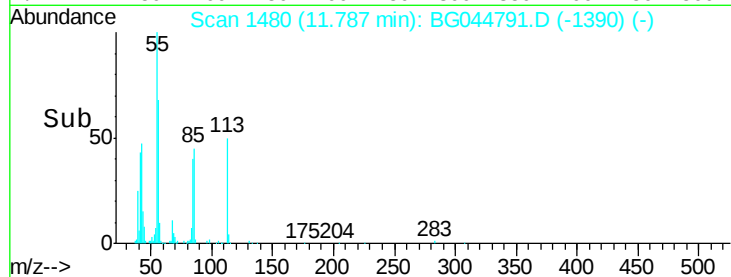
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



Time--> 11.70 11.75 11.80



#36

4-Chloro-3-methylphenol

Concen: 45.11 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

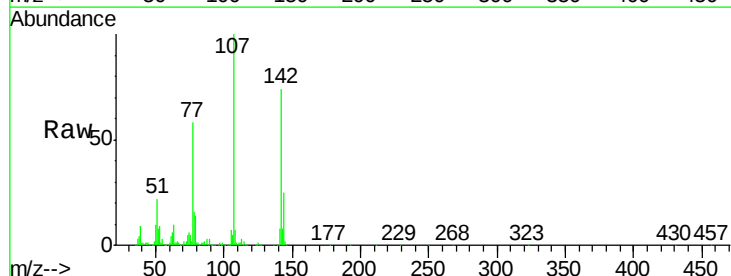
Tgt Ion:107 Resp: 412688

Ion Ratio Lower Upper

107 100

144 25.1 19.6 29.4

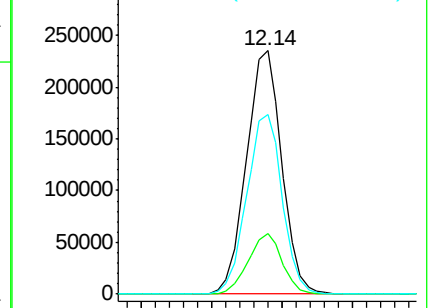
142 73.9 56.5 84.7



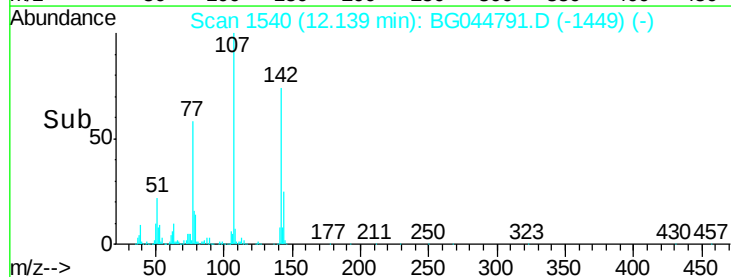
Abundance Ion 107.00 (106.70 to 107.70): E

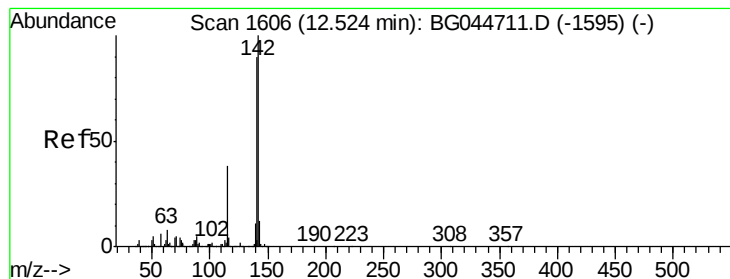
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time--> 12.05 12.10 12.15 12.20





#37

2-Methylnaphthalene

Concen: 43.58 ng

RT: 12.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

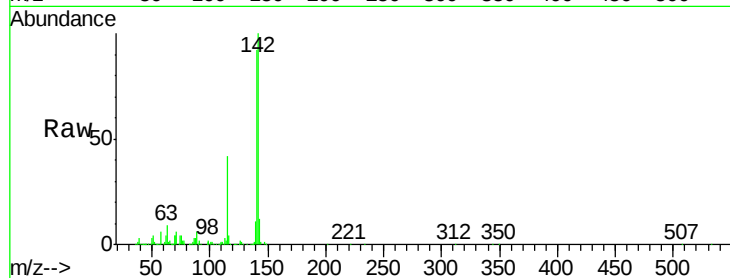
Tgt Ion:142 Resp: 818934

Ion Ratio Lower Upper

142 100

141 92.0 72.3 108.5

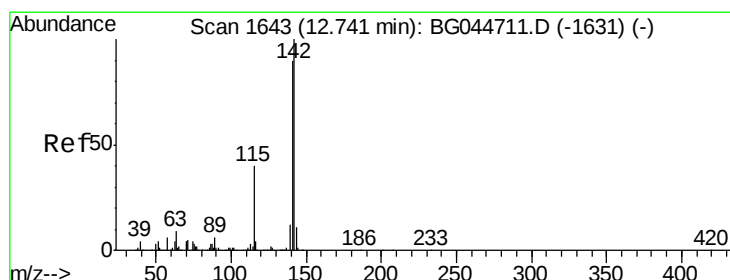
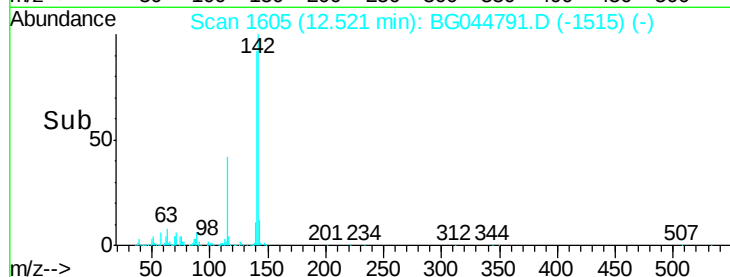
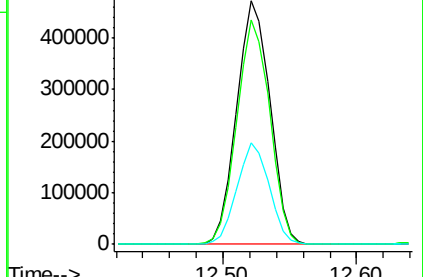
115 41.6 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.47 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

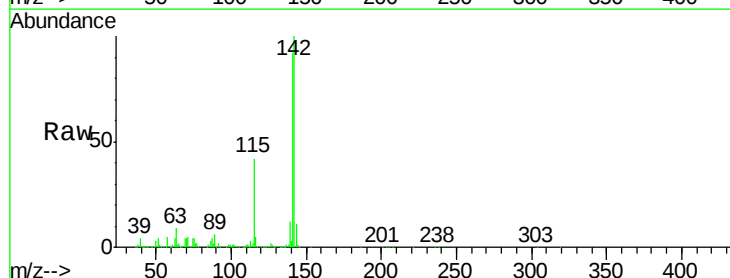
Tgt Ion:142 Resp: 767922

Ion Ratio Lower Upper

142 100

141 91.9 72.2 108.2

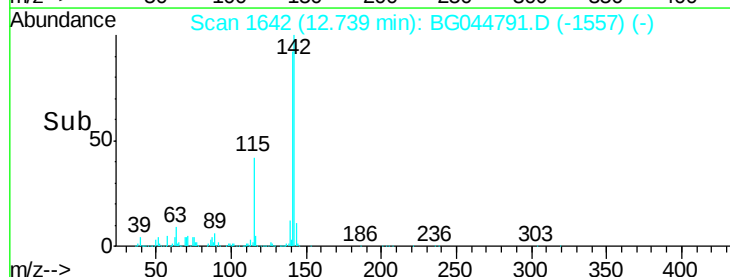
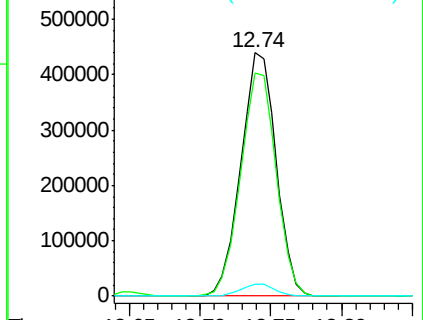
116 4.8 3.5 5.3

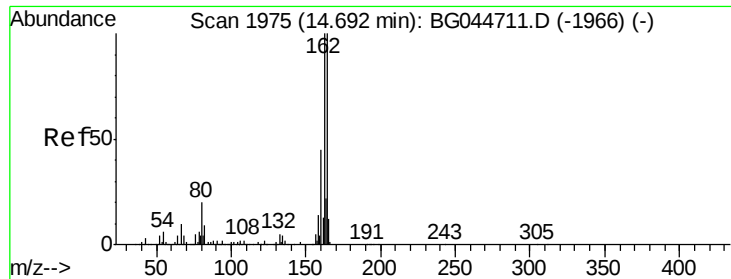


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

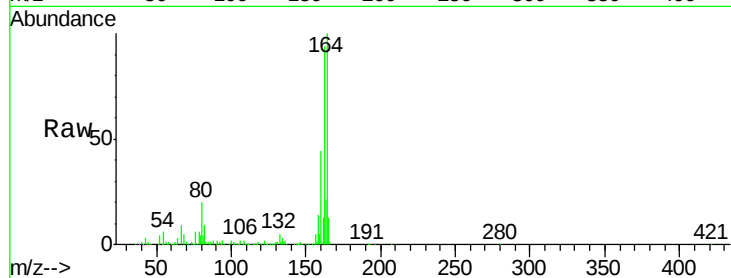
Tgt Ion:164 Resp: 311230

Ion Ratio Lower Upper

164 100

162 94.4 80.2 120.4

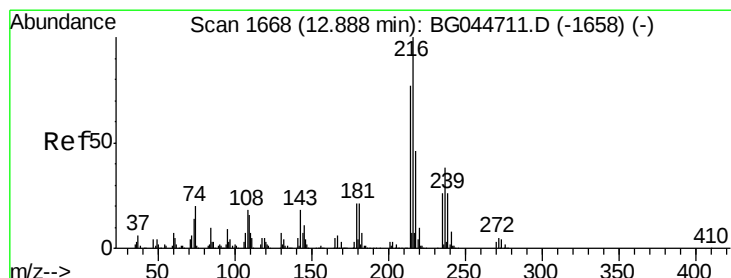
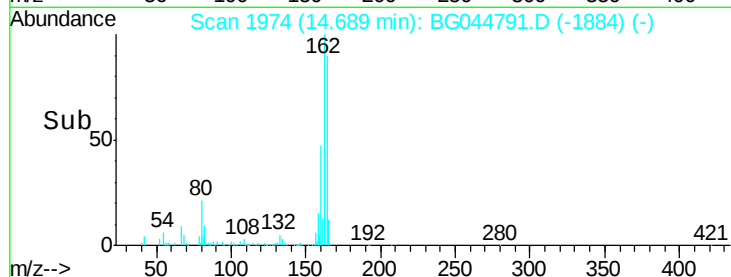
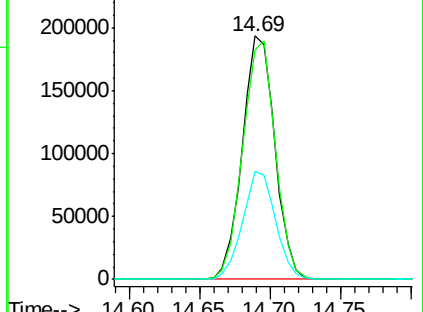
160 44.5 36.2 54.2



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: 42.52 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tgt Ion:216 Resp: 435821

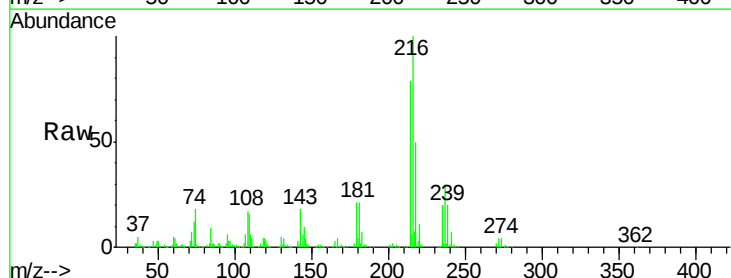
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 20.7 16.6 24.8

108 18.2 15.6 23.4

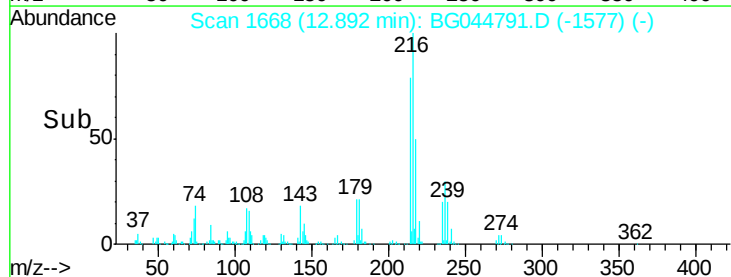
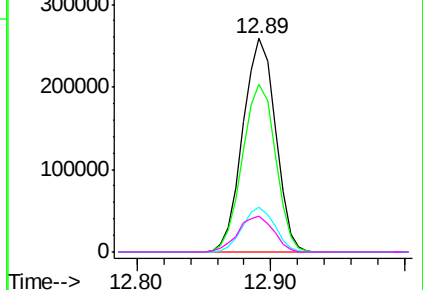


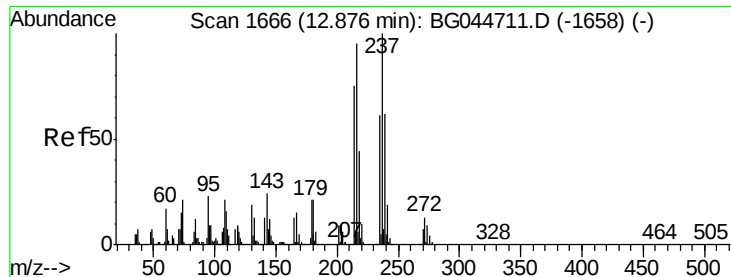
Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.06 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

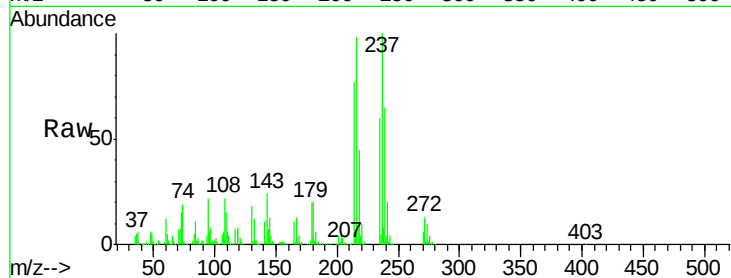
Tgt Ion: 237 Resp: 263590

Ion Ratio Lower Upper

237 100

235 59.8 40.6 80.6

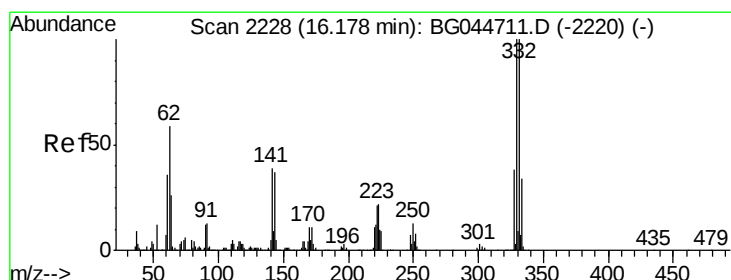
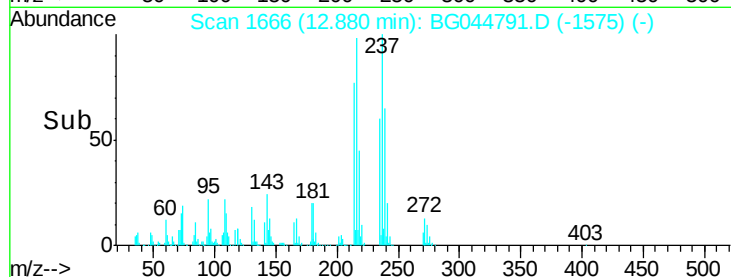
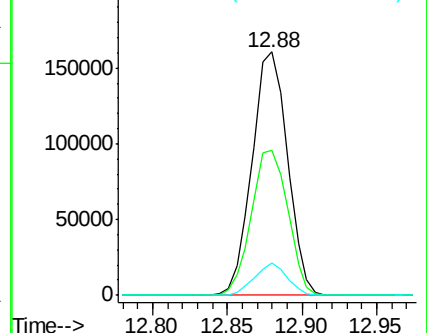
272 13.4 0.0 32.5



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: 128.60 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

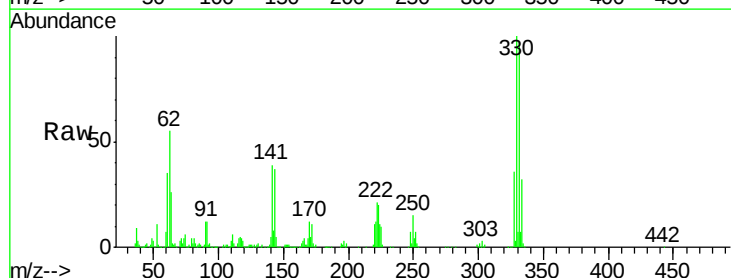
Tgt Ion: 330 Resp: 524073

Ion Ratio Lower Upper

330 100

332 97.7 77.5 116.3

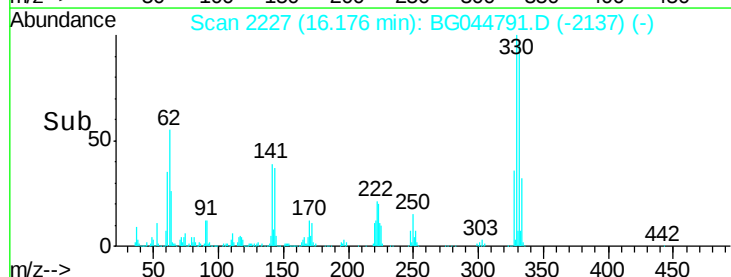
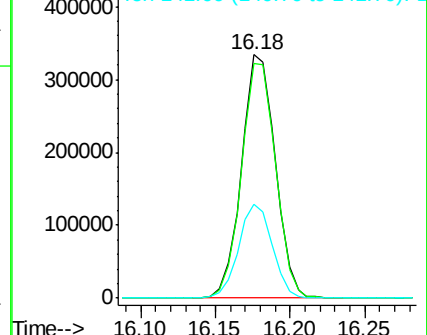
141 38.6 31.7 47.5

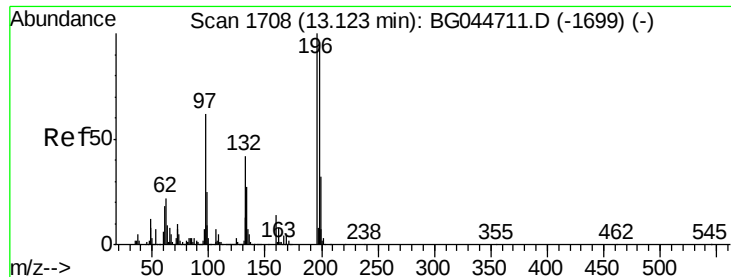


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

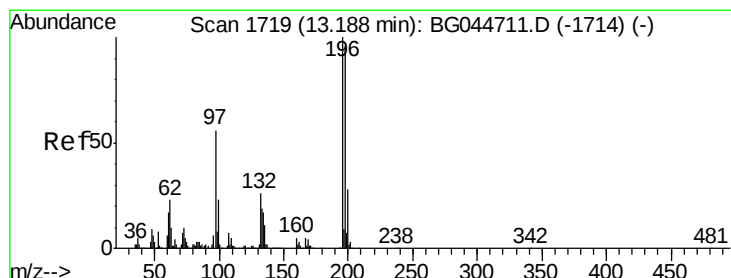
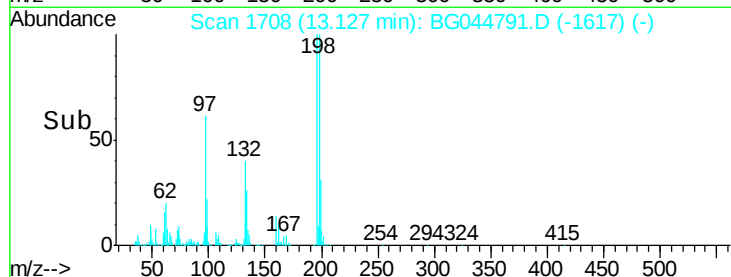
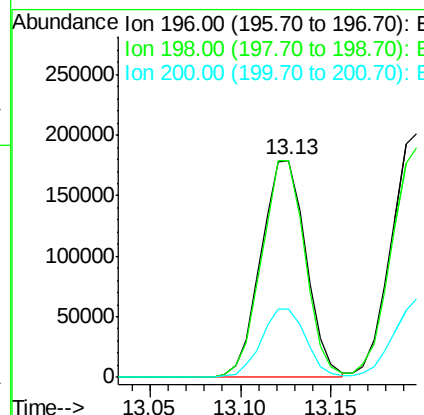
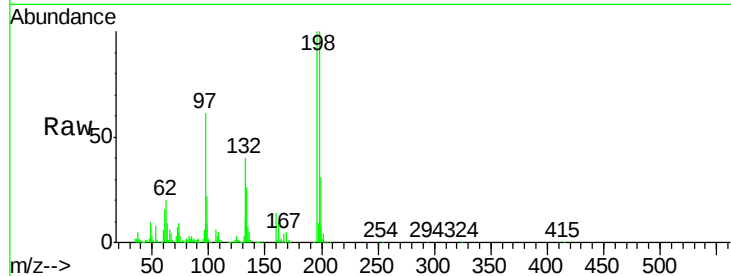




#43
 2,4,6-Trichlorophenol
 Concen: 45.55 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

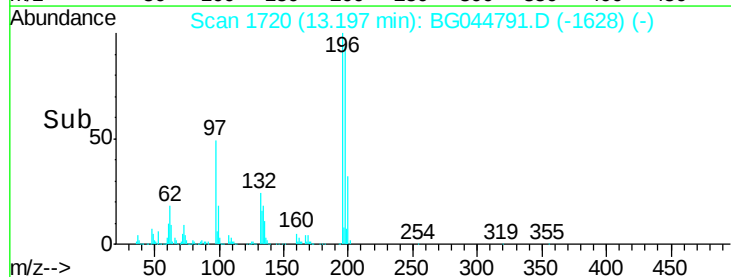
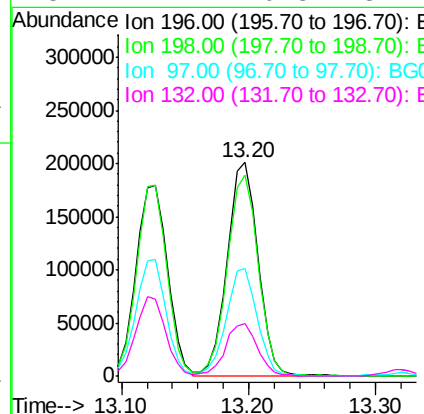
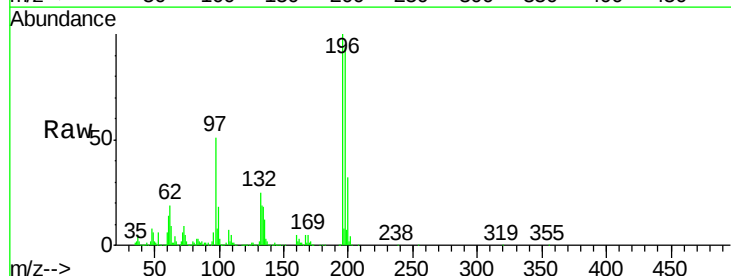
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

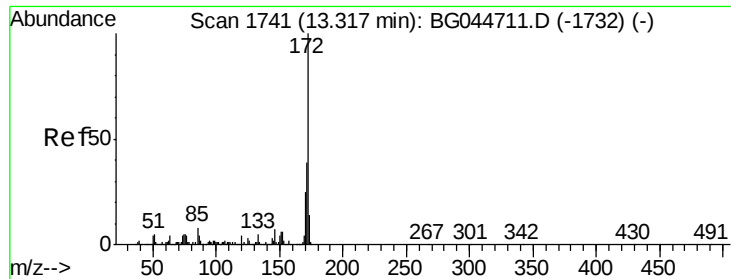
Tgt Ion:196 Resp: 309855
 Ion Ratio Lower Upper
 196 100
 198 99.9 76.5 114.7
 200 31.5 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 47.74 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion:196 Resp: 336792
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.3 115.9
 97 50.6 44.9 67.3
 132 24.7 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 80.82 ng

RT: 13.32 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

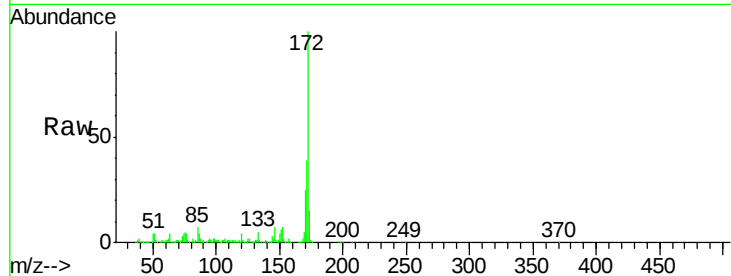
Tgt Ion:172 Resp: 1756567

Ion Ratio Lower Upper

172 100

171 38.7 30.8 46.2

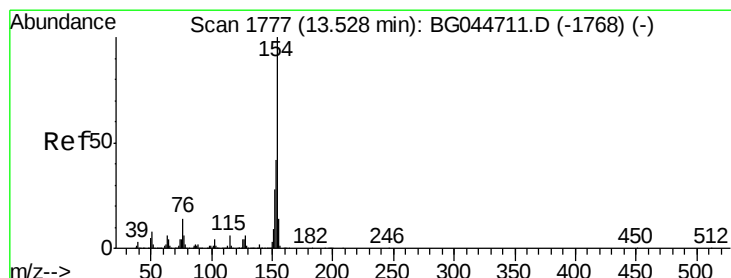
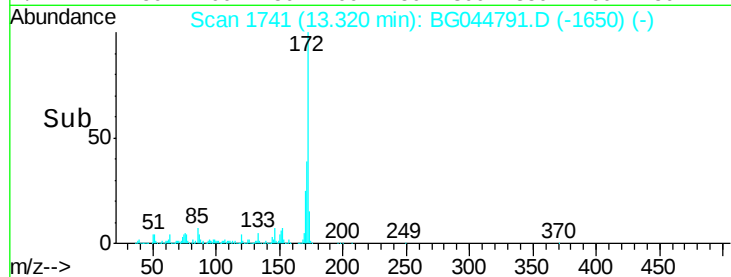
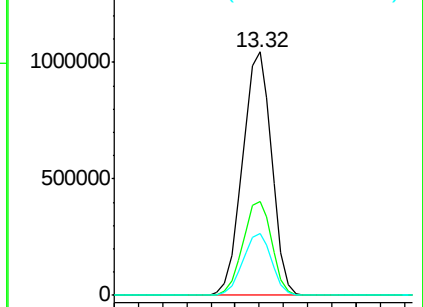
170 25.4 20.0 30.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.59 ng

RT: 13.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

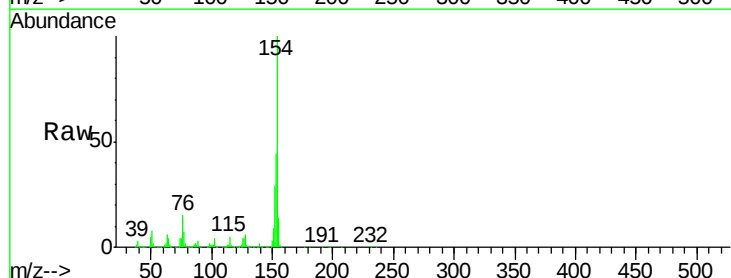
Tgt Ion:154 Resp: 1009603

Ion Ratio Lower Upper

154 100

153 43.9 22.0 62.0

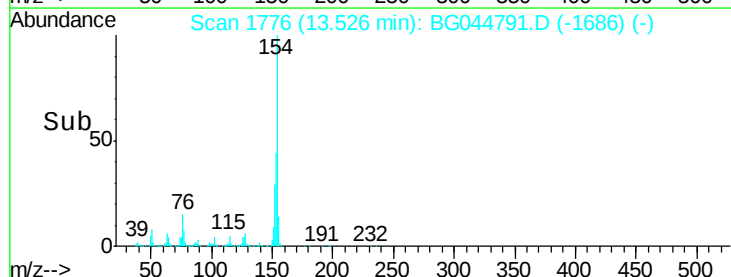
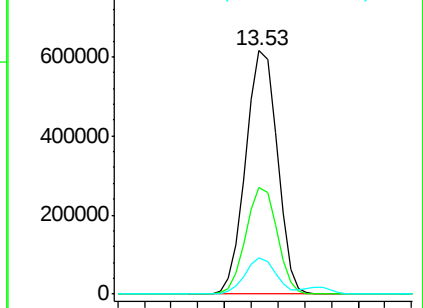
76 14.7 0.0 34.2

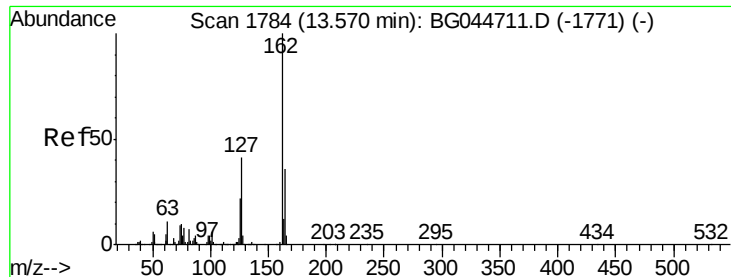


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

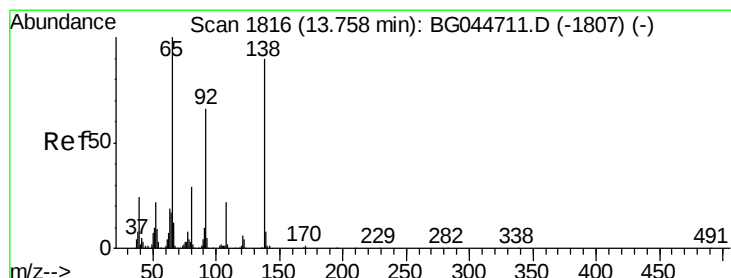
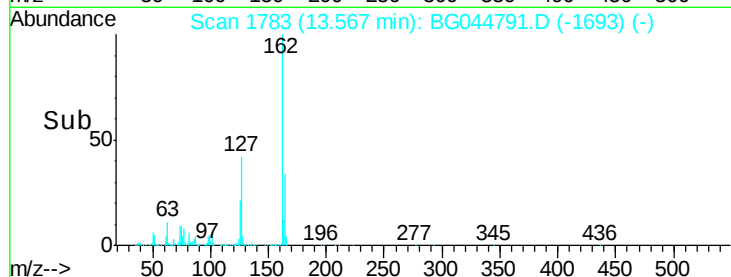
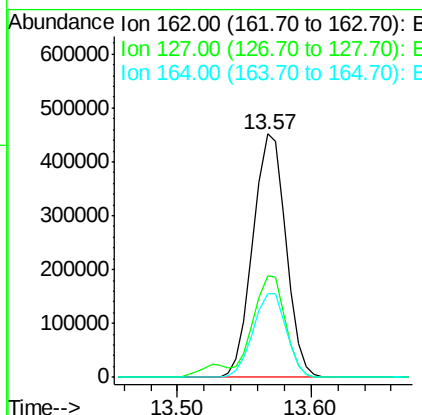
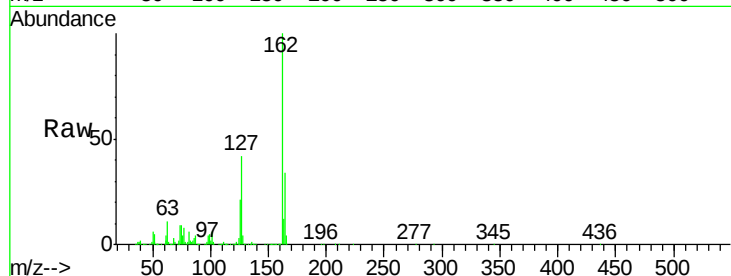




#47
2-Chloronaphthalene
Concen: 40.50 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

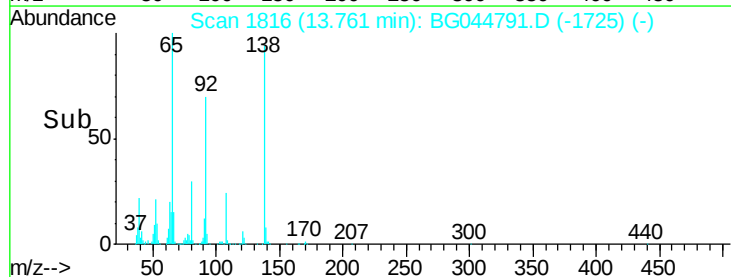
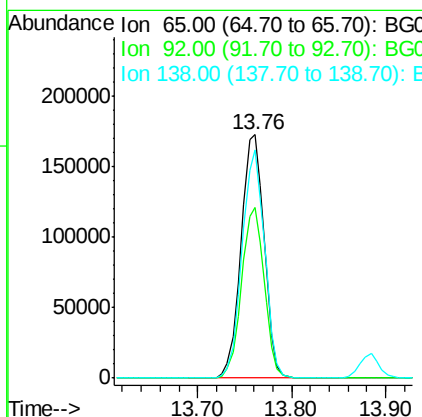
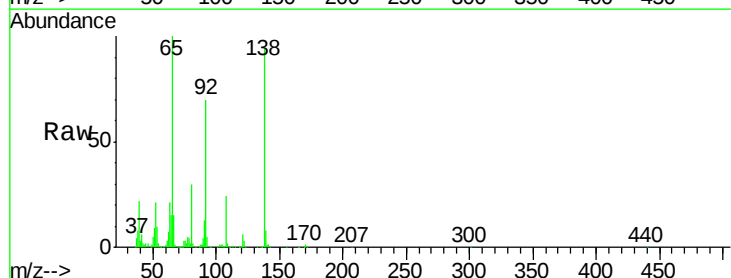
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

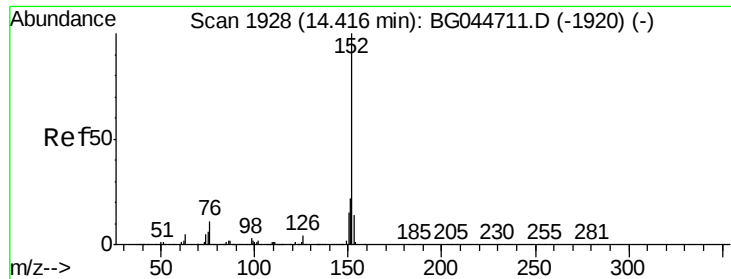
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	34.1	29.0	43.4



#48
2-Nitroaniline
Concen: 44.29 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	52.6	79.0
138	93.7	71.8	107.6





#49

Acenaphthylene

Concen: 42.35 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

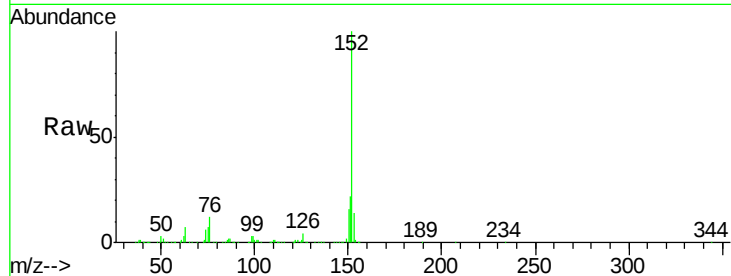
Tgt Ion:152 Resp: 1260458

Ion Ratio Lower Upper

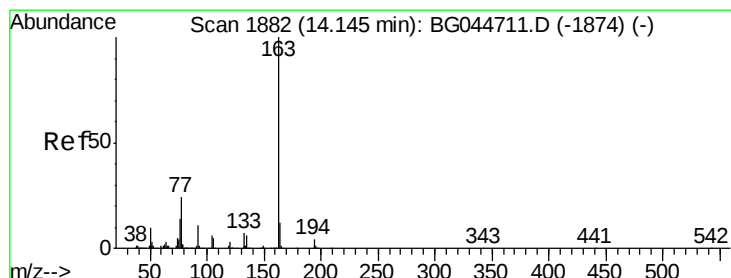
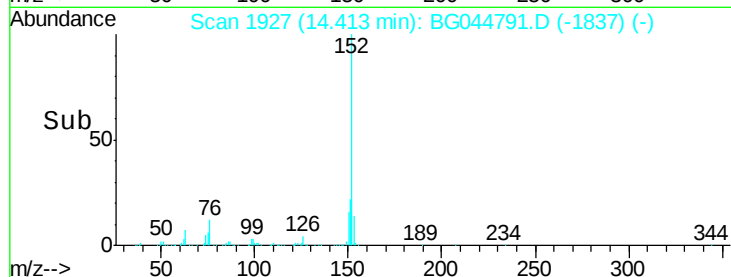
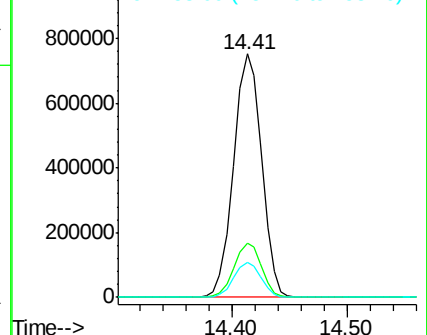
152 100

151 22.2 17.8 26.8

153 14.4 11.4 17.0



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: 46.64 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

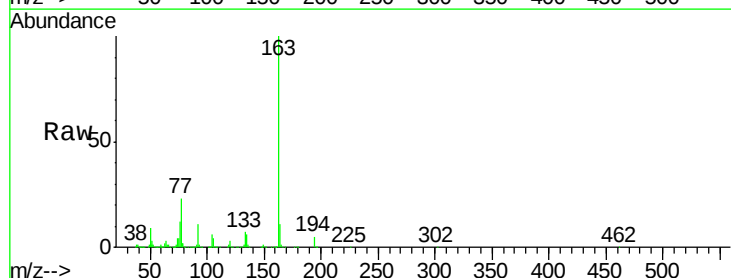
Tgt Ion:163 Resp: 1156080

Ion Ratio Lower Upper

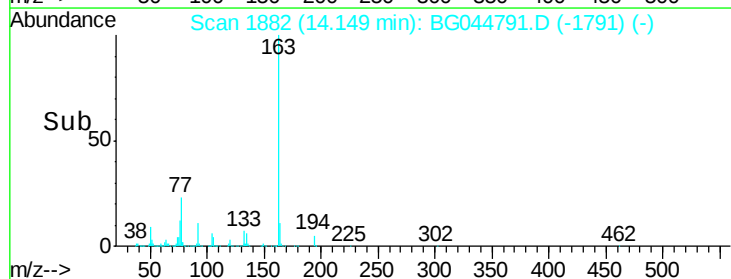
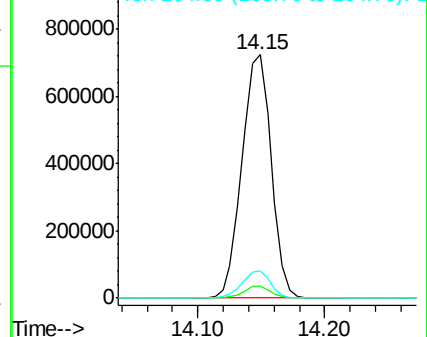
163 100

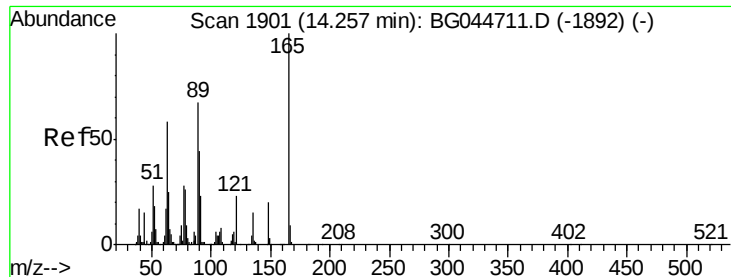
194 4.7 3.5 5.3

164 11.4 9.2 13.8



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

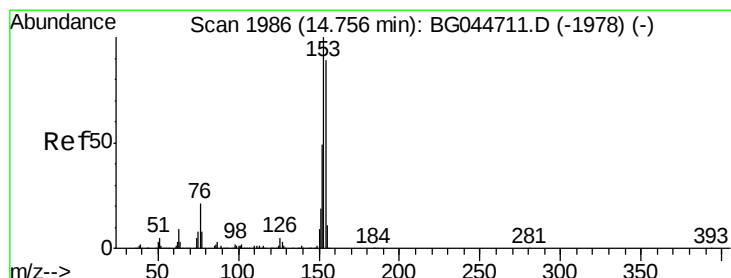
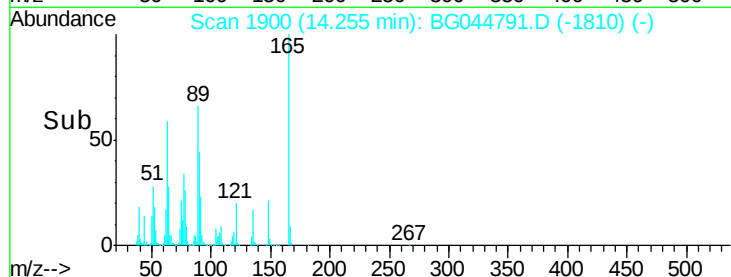
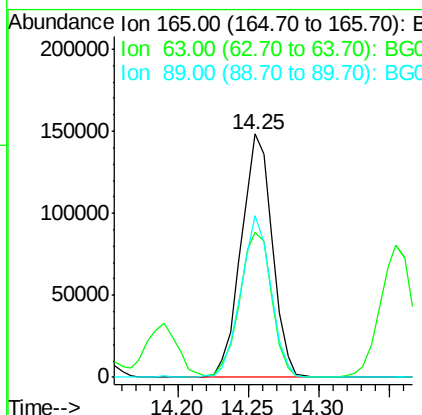
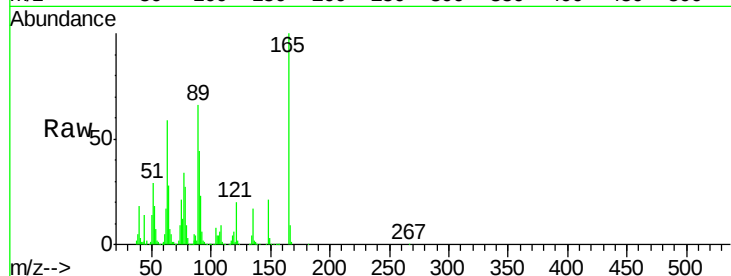




#51
2,6-Dinitrotoluene
Concen: 45.74 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

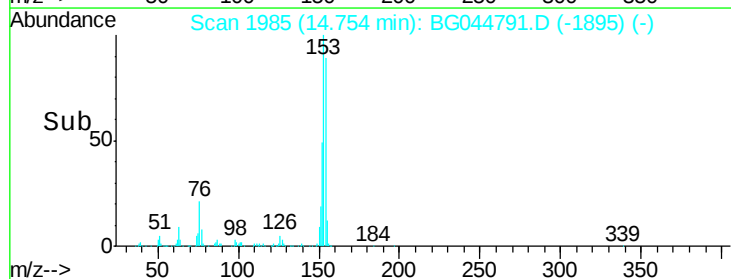
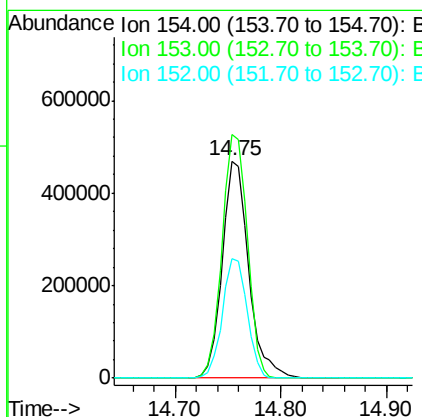
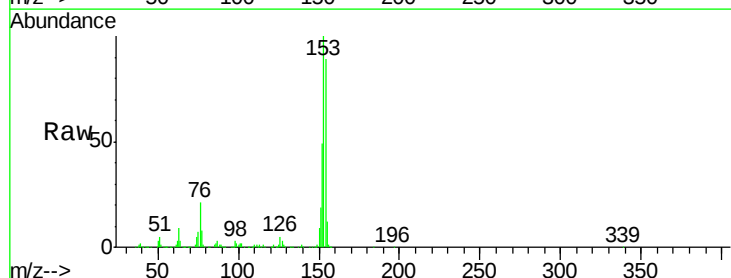
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

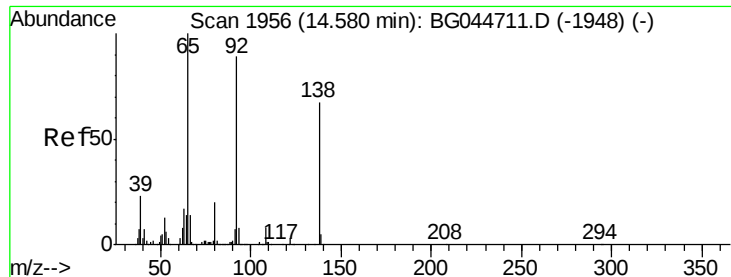
Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.4	48.9	73.3
89	66.2	53.8	80.8



#52
Acenaphthene
Concen: 41.66 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.8	134.8
152	54.7	44.4	66.6





#53

3-Nitroaniline

Concen: 14.71 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

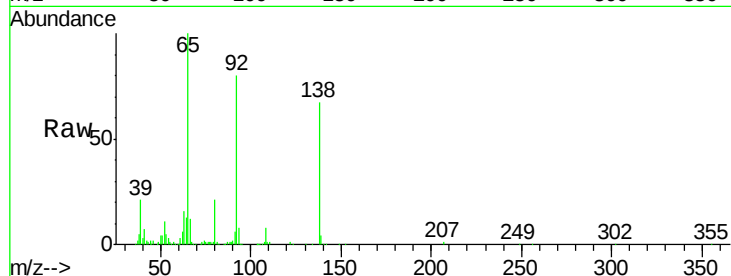
Tgt Ion:138 Resp: 84520

Ion Ratio Lower Upper

138 100

108 12.6 9.2 13.8

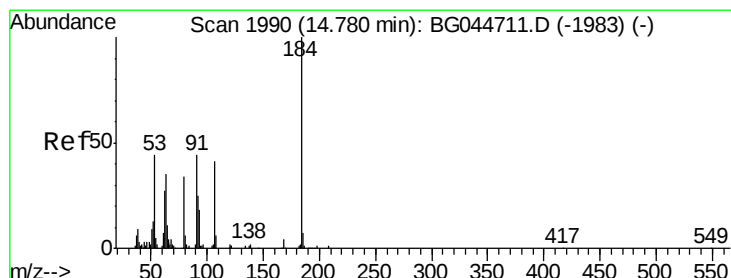
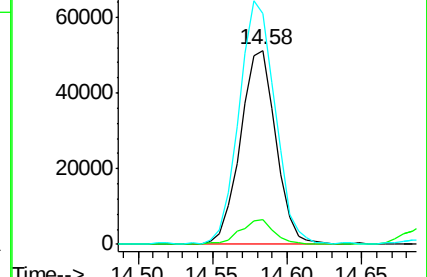
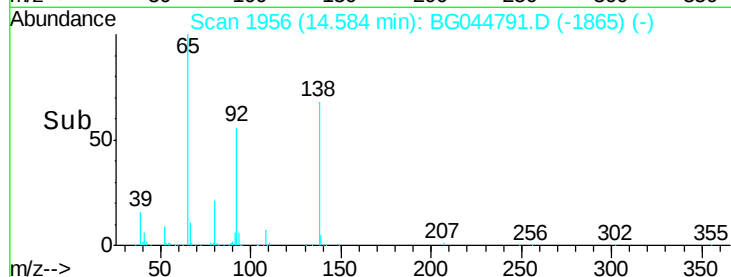
92 119.3 105.6 158.4



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: 37.73 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

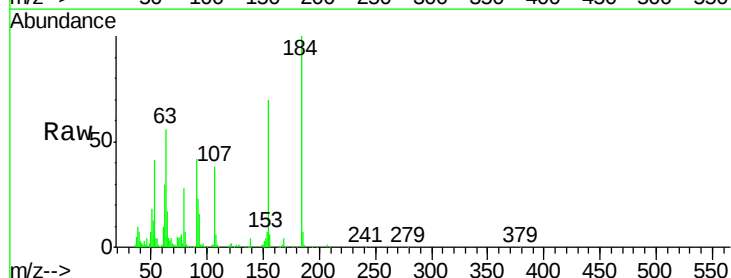
Tgt Ion:184 Resp: 85698

Ion Ratio Lower Upper

184 100

63 56.1 49.0 73.6

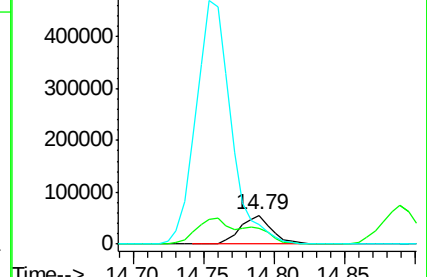
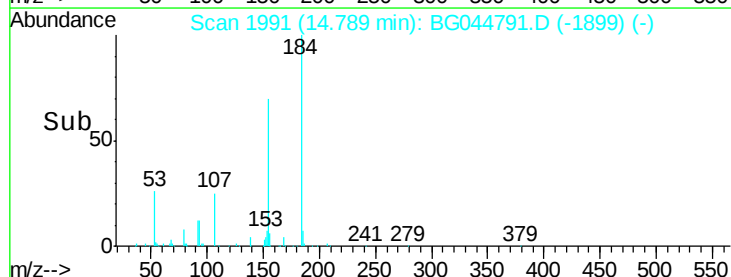
154 69.9 94.5 141.7#

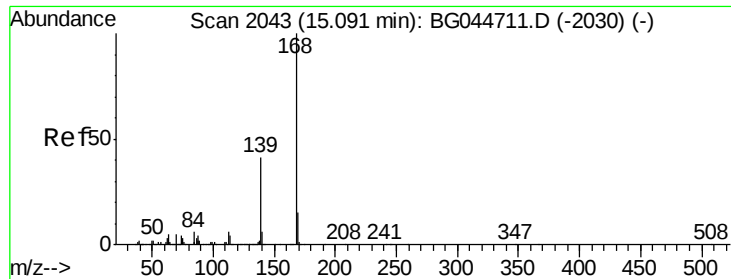


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

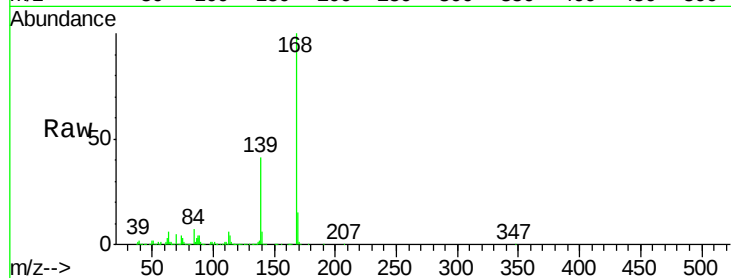




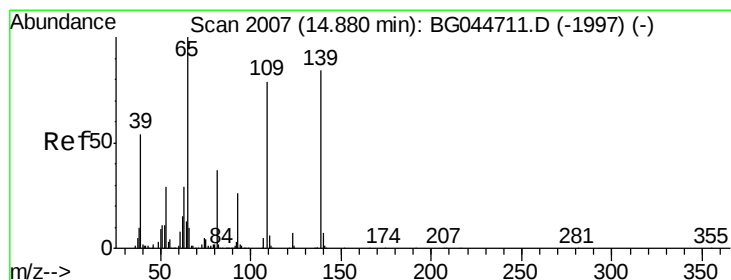
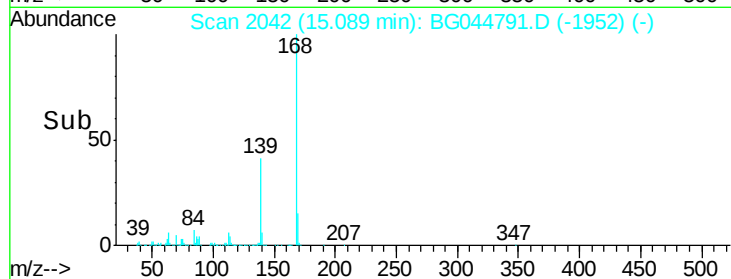
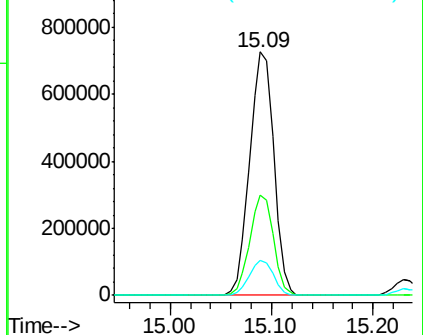
#55
Dibenzofuran
Concen: 42.55 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tgt Ion:168 Resp: 1202798
Ion Ratio Lower Upper
168 100
139 41.4 32.6 49.0
169 14.6 11.8 17.6

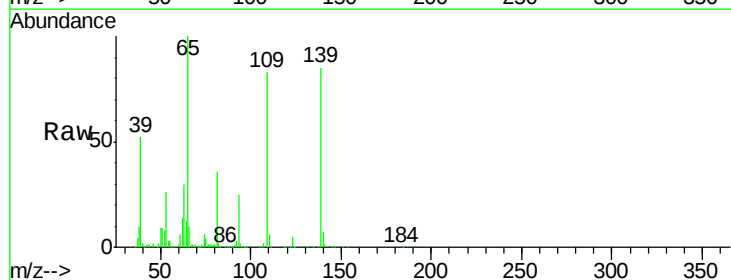


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

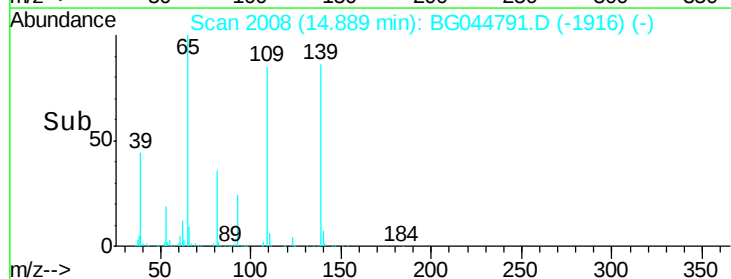
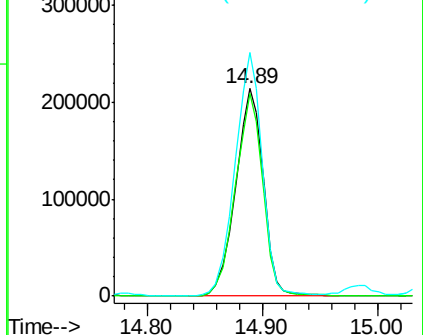


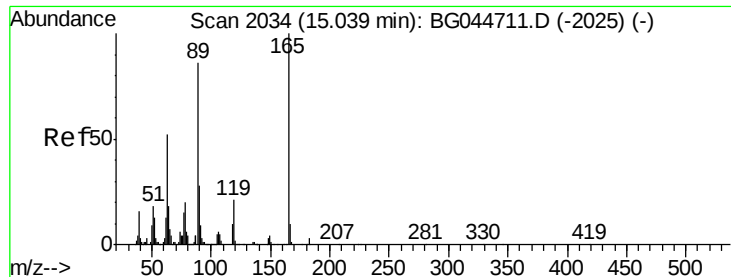
#56
4-Nitrophenol
Concen: 80.76 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion:139 Resp: 354066
Ion Ratio Lower Upper
139 100
109 97.8 74.1 114.1
65 117.3 98.6 138.6



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

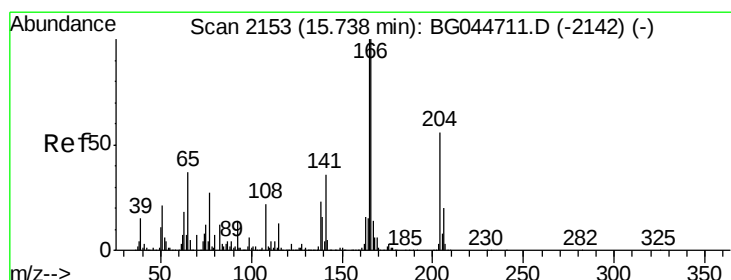
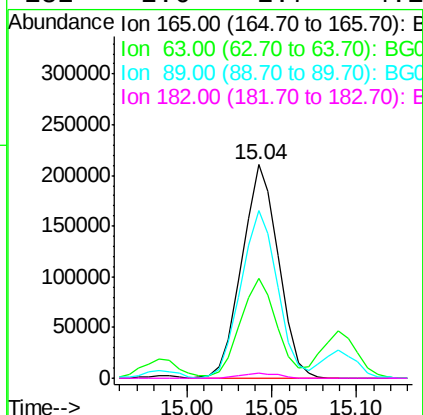
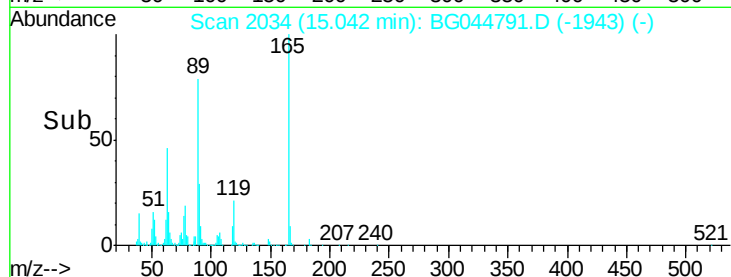
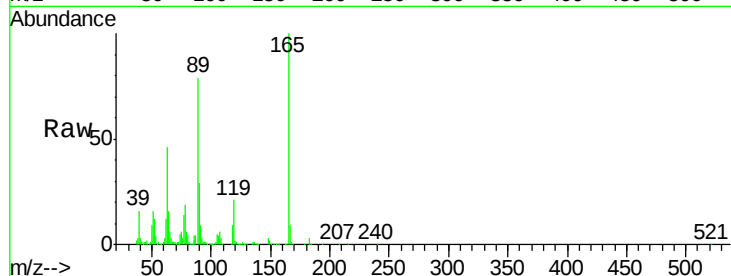




#57
2,4-Dinitrotoluene
Concen: 46.37 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

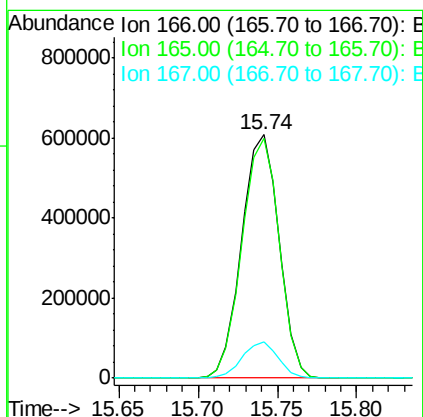
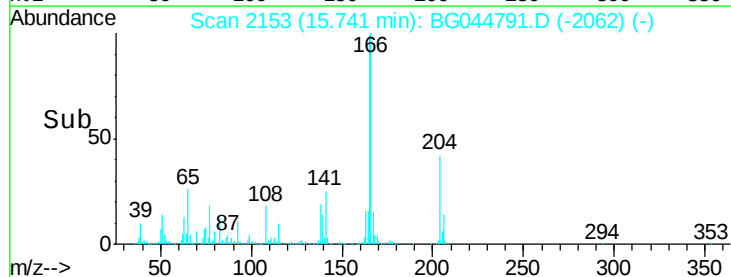
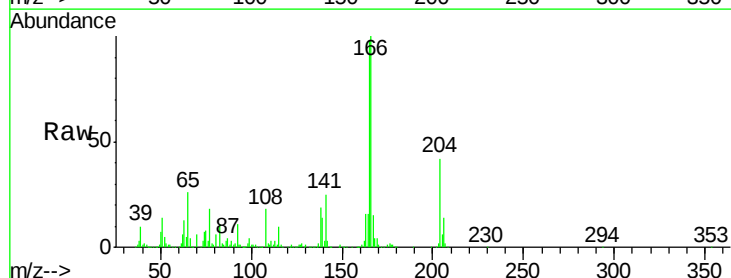
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

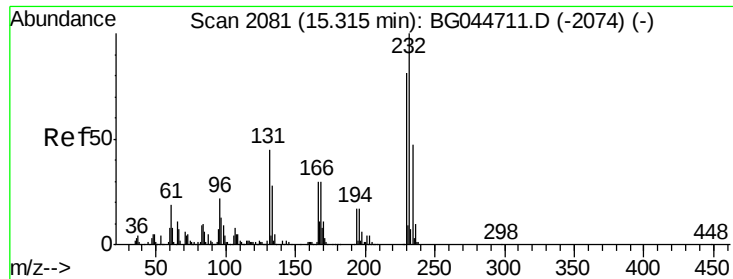
Tgt Ion:165 Resp: 317749
Ion Ratio Lower Upper
165 100
63 46.5 41.5 62.3
89 78.6 69.0 103.4
182 2.6 2.7 4.1#



#58
Fluorene
Concen: 42.91 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion:166 Resp: 997741
Ion Ratio Lower Upper
166 100
165 98.4 79.6 119.4
167 15.0 11.4 17.2

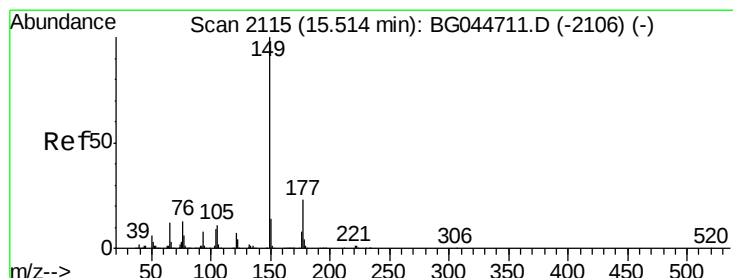
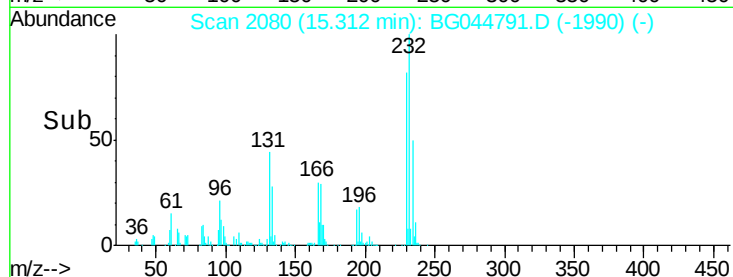
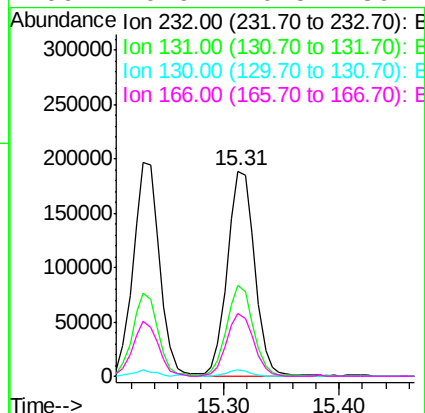
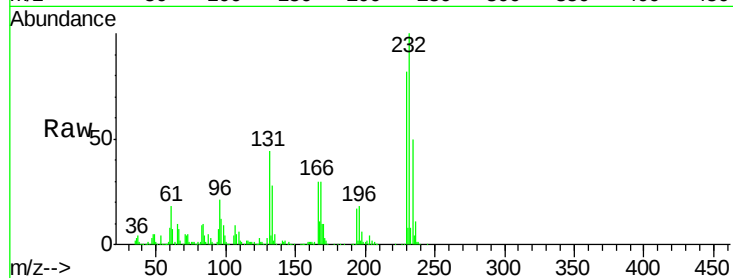




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.32 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

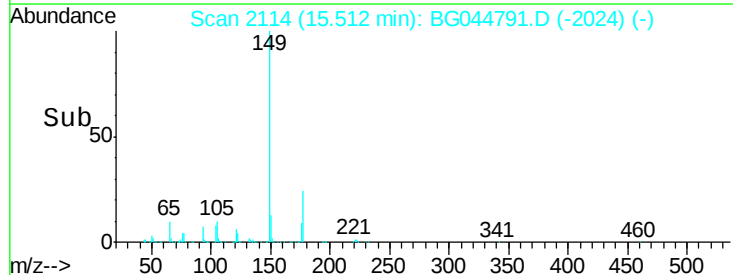
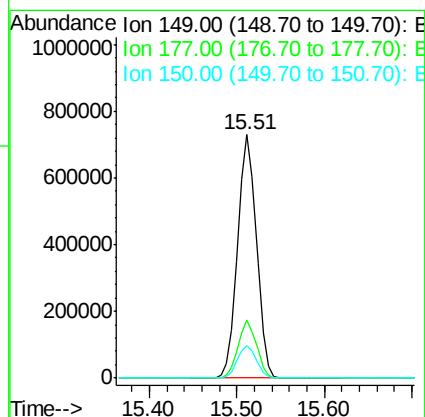
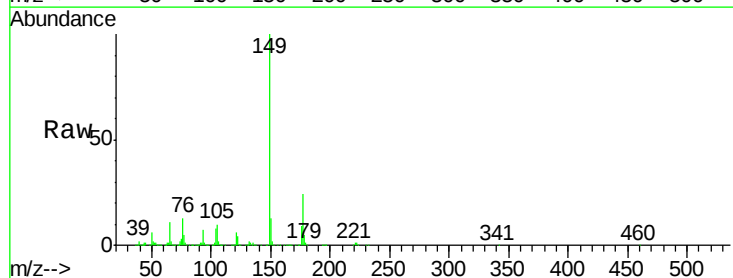
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tgt Ion:	232	Resp:	307310
Ion	Ratio	Lower	Upper
232	100		
131	43.0	32.4	48.6
130	2.7	2.0	3.0
166	29.9	20.5	30.7



#60
 Diethylphthalate
 Concen: 40.91 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion:	149	Resp:	1057580
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.8	28.2
150	13.2	11.2	16.8

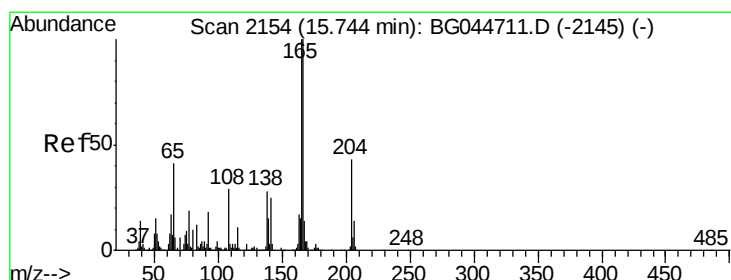
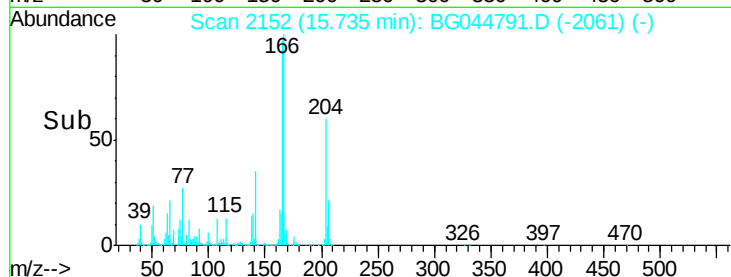
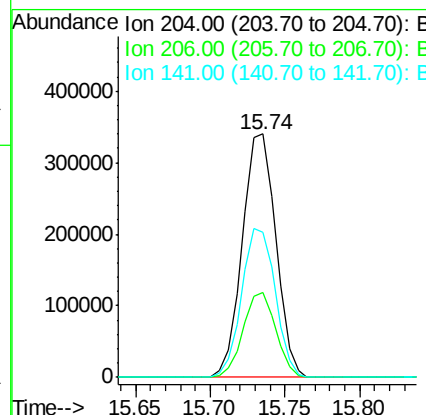
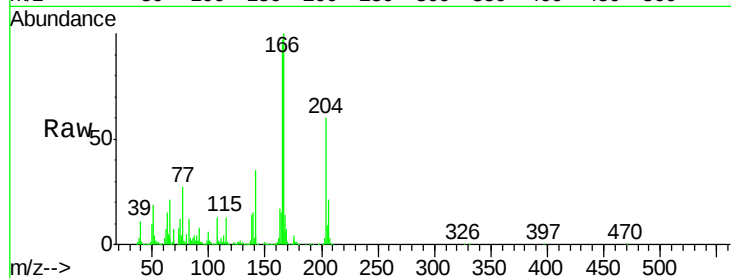




#61
4-Chlorophenyl-phenylether
Concen: 42.39 ng
RT: 15.74 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

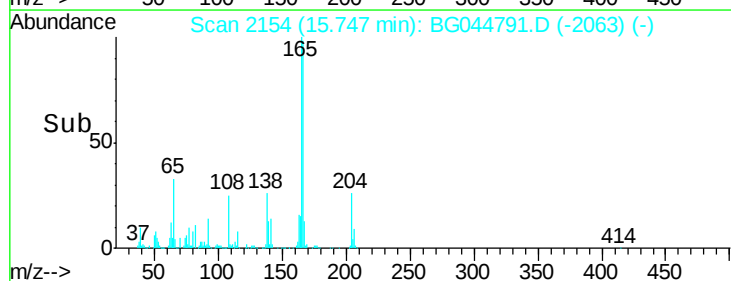
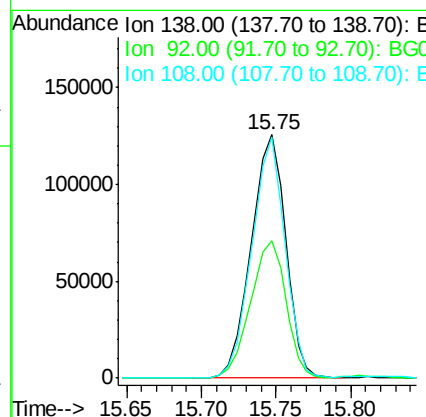
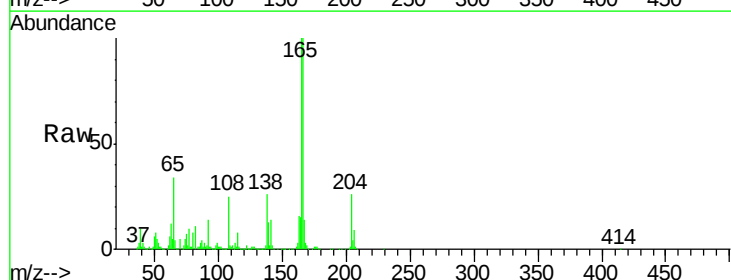
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

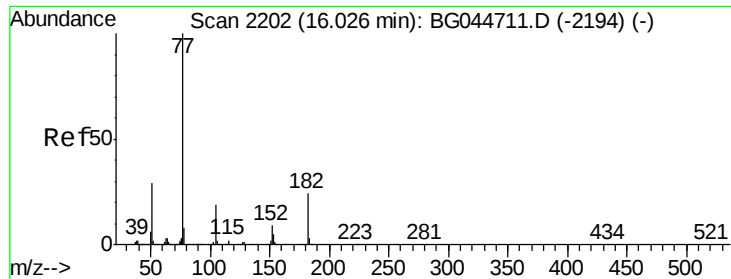
Tgt Ion: 204 Resp: 530773
Ion Ratio Lower Upper
204 100
206 34.6 25.8 38.6
141 59.3 50.8 76.2



#62
4-Nitroaniline
Concen: 32.92 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion: 138 Resp: 201651
Ion Ratio Lower Upper
138 100
92 56.6 42.1 82.1
108 99.1 81.2 121.2





#63

Azobenzene

Concen: 40.60 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

Tgt Ion: 77 Resp: 1089987

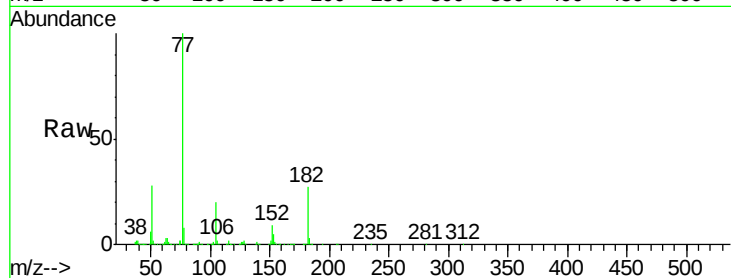
Ion Ratio Lower Upper

77 100

182 26.7 3.6 43.6

105 20.3 0.0 39.3

51 28.4 8.7 48.7

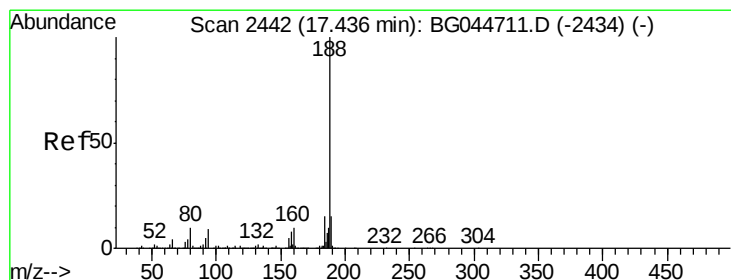
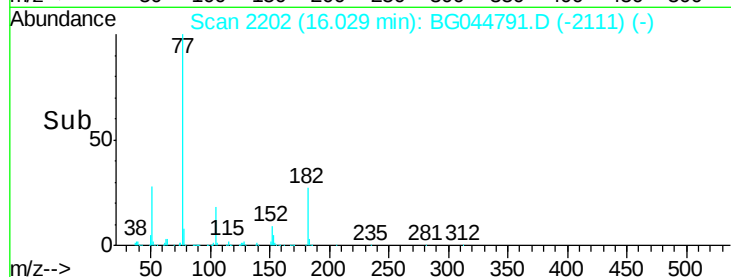
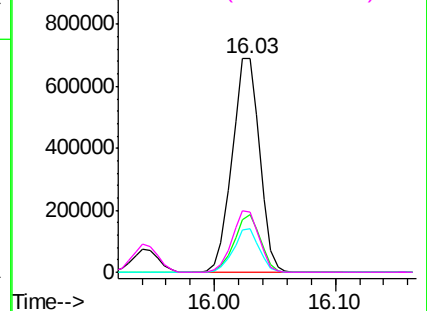


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

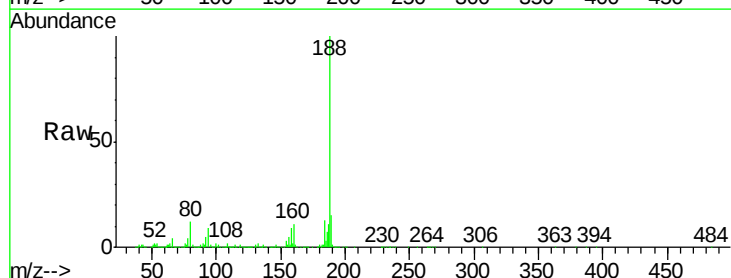
Tgt Ion: 188 Resp: 675557

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

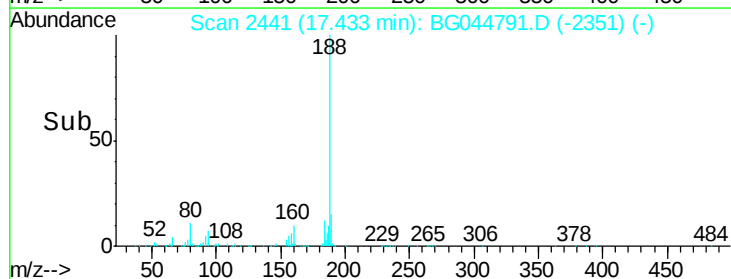
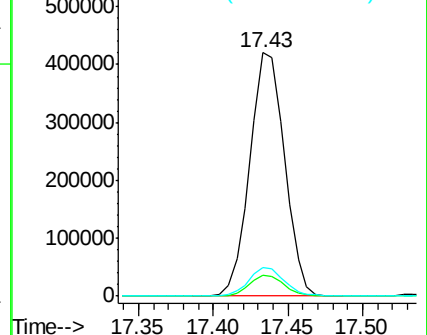
80 11.8 8.4 12.6

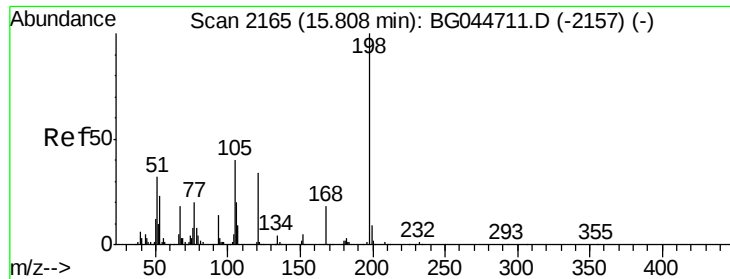


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

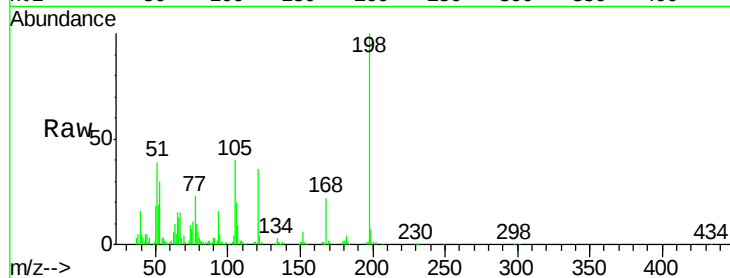




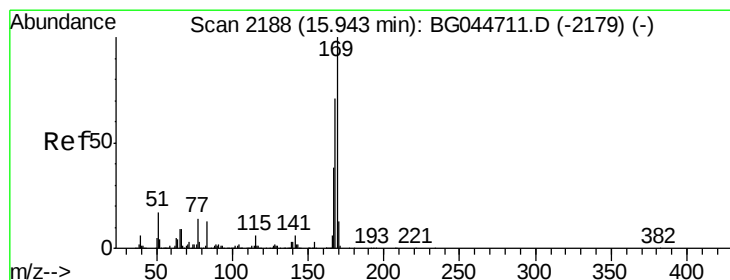
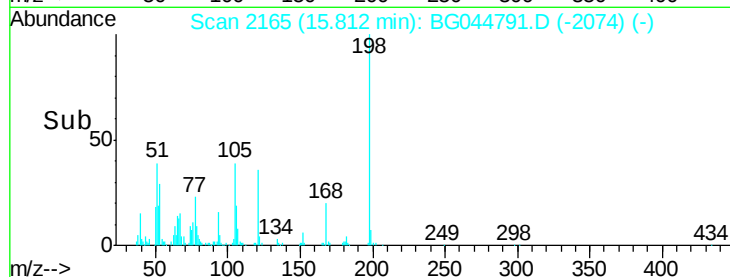
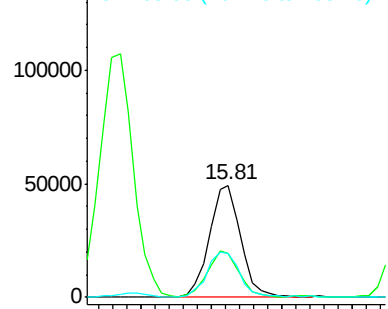
#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.86 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.2	20.1	60.1
105	39.6	21.3	61.3

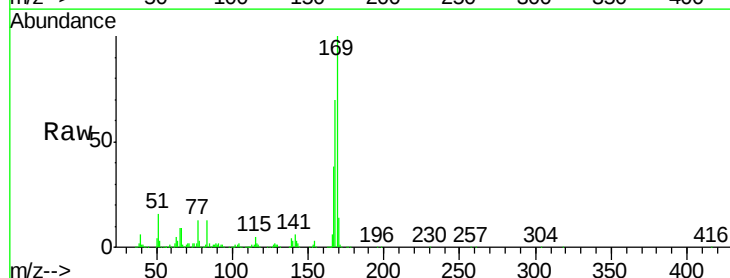


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

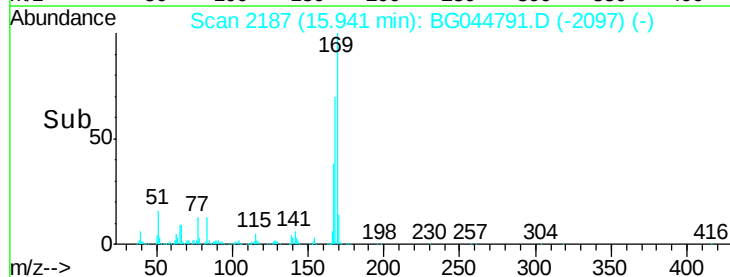
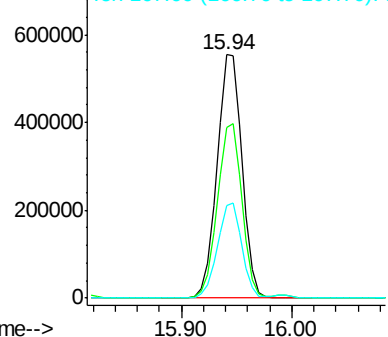


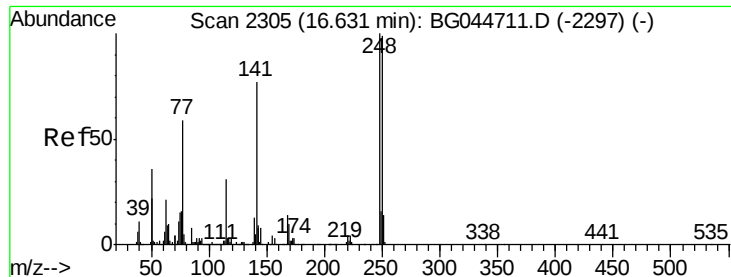
#66
 n-Nitrosodiphenylamine
 Concen: 43.23 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.6	85.0
167	38.1	30.1	45.1



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

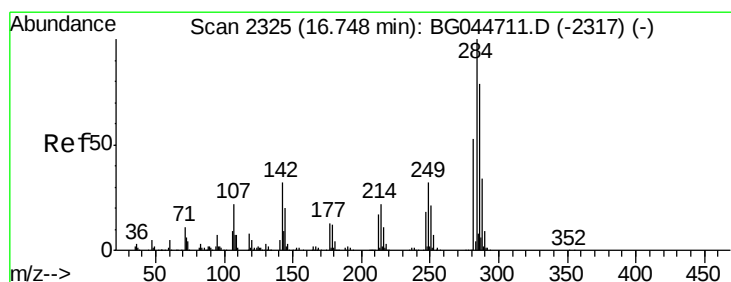
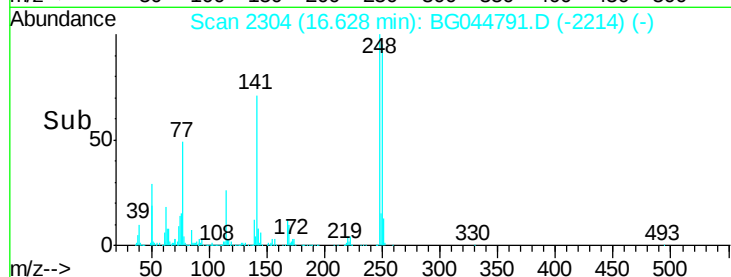
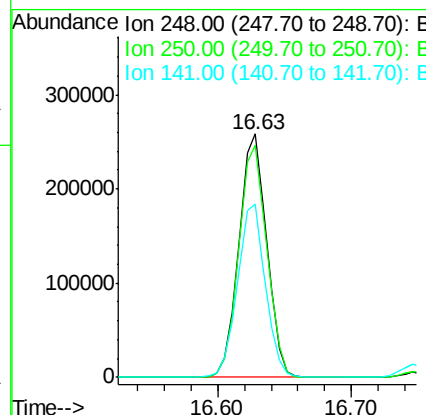
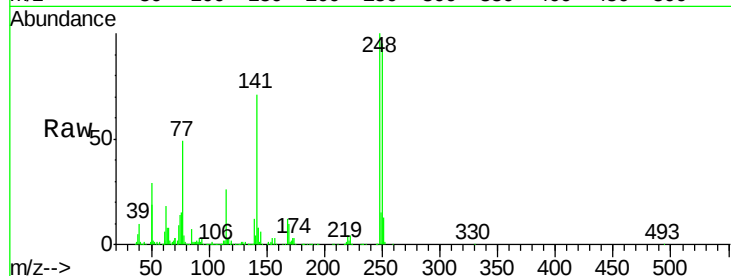




#67
4-Bromophenyl-phenylether
Concen: 44.08 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

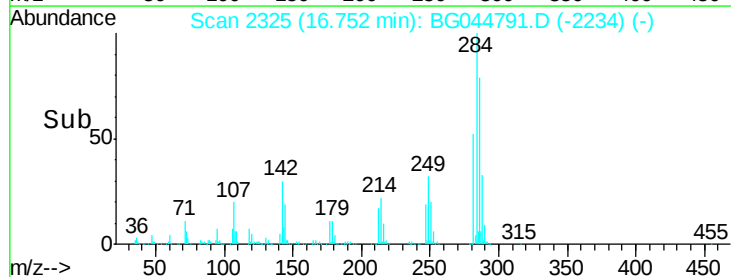
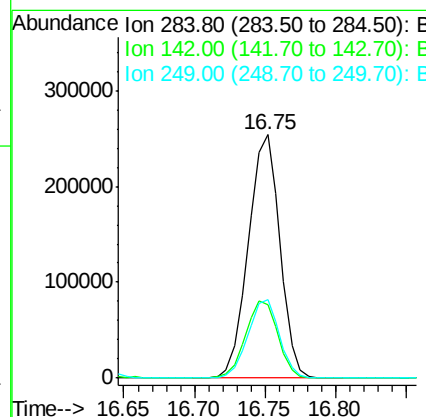
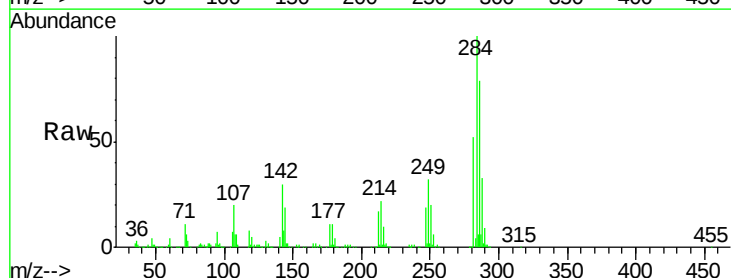
Instrument :
BNA_G
ClientSampleId :
MC5B39MS

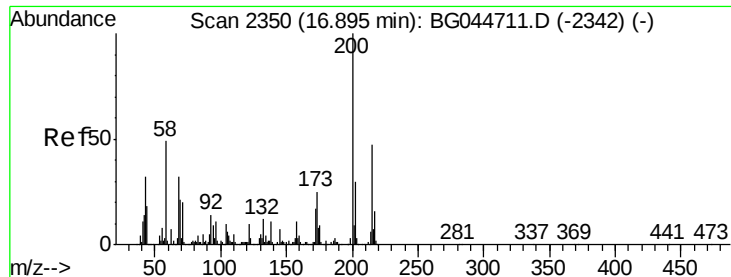
Tgt Ion:248 Resp: 372270
Ion Ratio Lower Upper
248 100
250 95.1 79.4 119.0
141 71.3 61.7 92.5



#68
Hexachlorobenzene
Concen: 43.41 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion:284 Resp: 397711
Ion Ratio Lower Upper
284 100
142 30.4 25.6 38.4
249 32.4 25.8 38.6





#69

Atrazine

Concen: 45.74 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

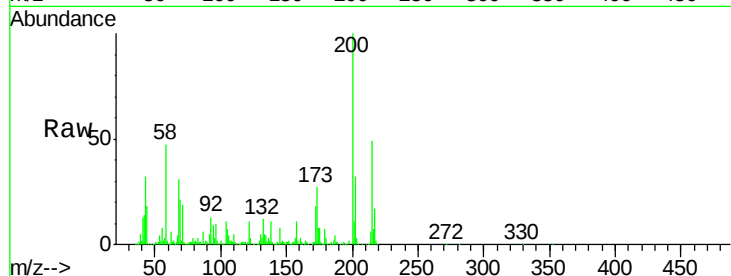
Tgt Ion:200 Resp: 340805

Ion Ratio Lower Upper

200 100

173 27.4 4.8 44.8

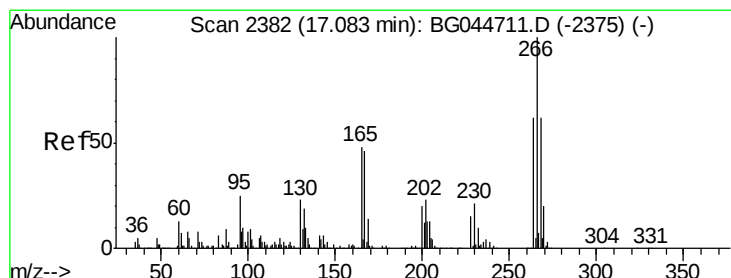
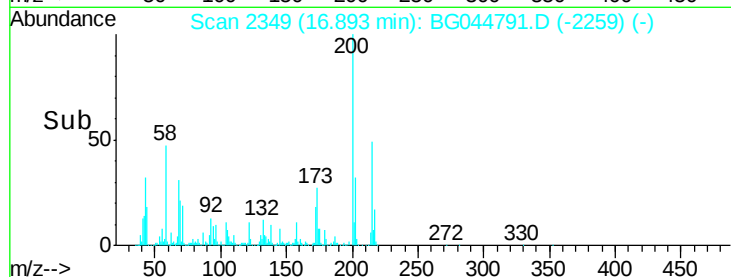
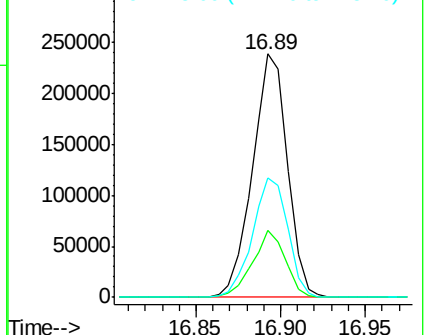
215 48.9 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 95.43 ng

RT: 17.09 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

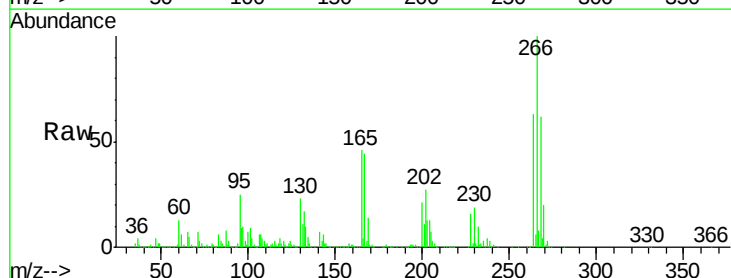
Tgt Ion:266 Resp: 481103

Ion Ratio Lower Upper

266 100

268 61.9 49.9 74.9

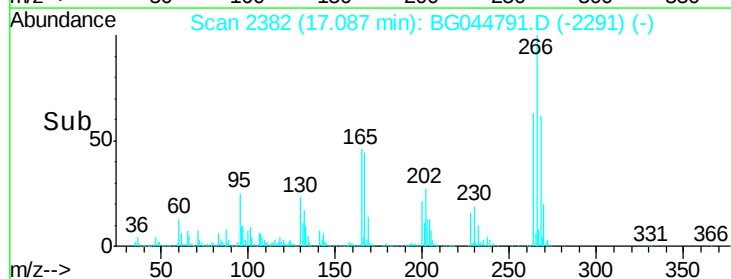
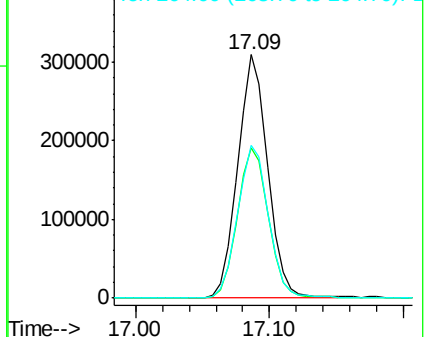
264 63.0 49.9 74.9

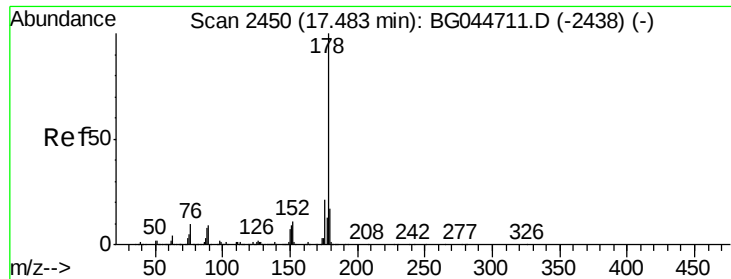


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.17 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

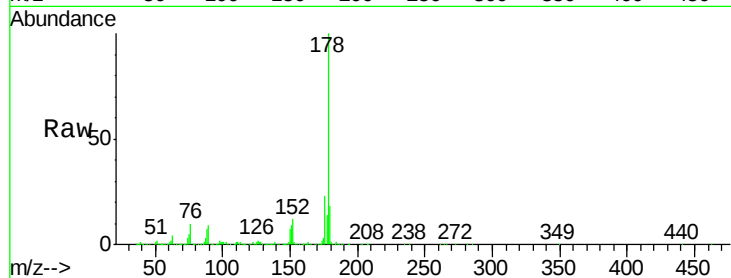
Tgt Ion:178 Resp: 1522441

Ion Ratio Lower Upper

178 100

176 23.1 17.0 25.6

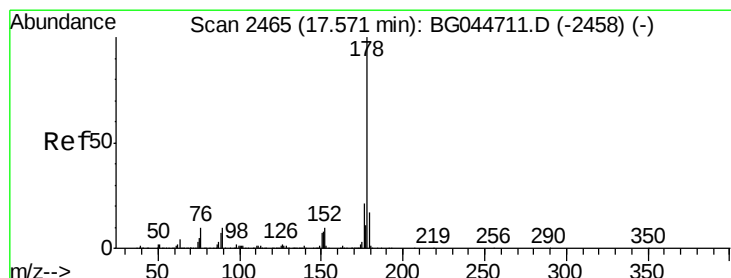
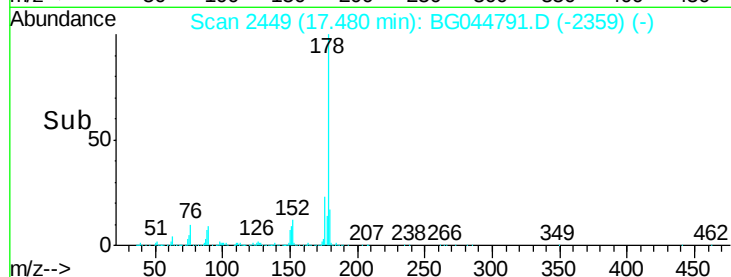
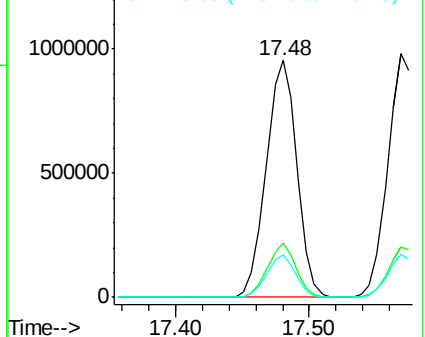
179 18.2 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.38 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

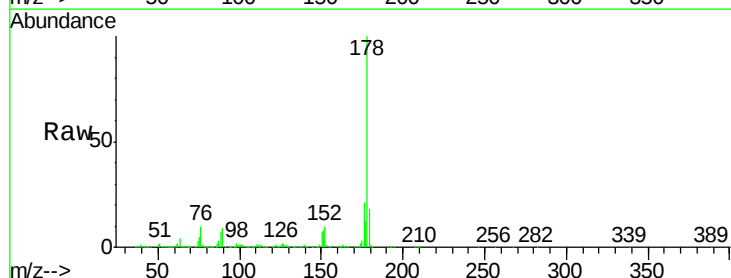
Tgt Ion:178 Resp: 1544301

Ion Ratio Lower Upper

178 100

176 20.6 17.0 25.6

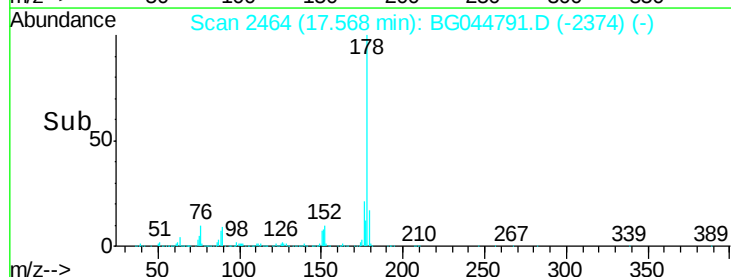
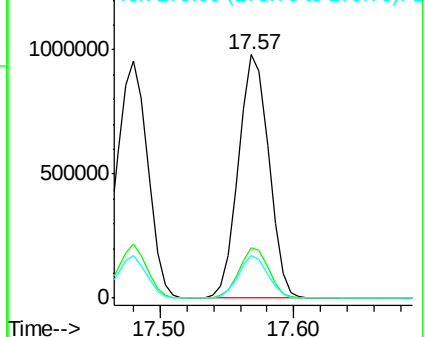
179 17.7 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.80 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

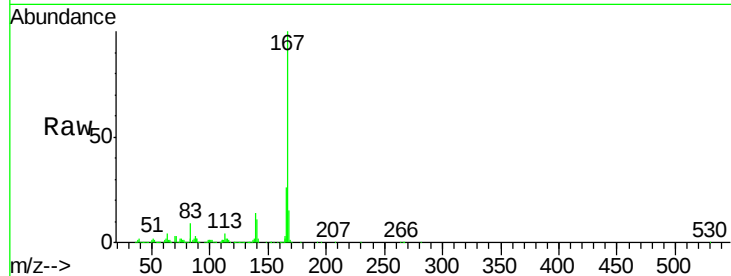
Tgt Ion:167 Resp: 1429200

Ion Ratio Lower Upper

167 100

166 25.8 19.6 29.4

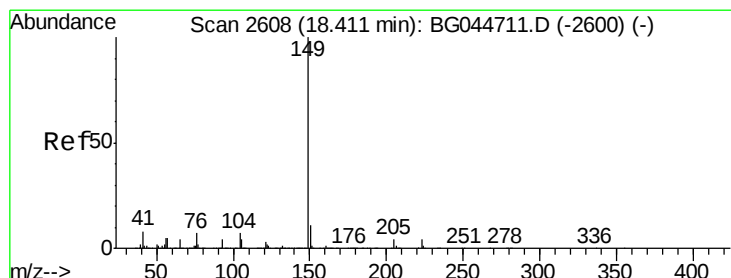
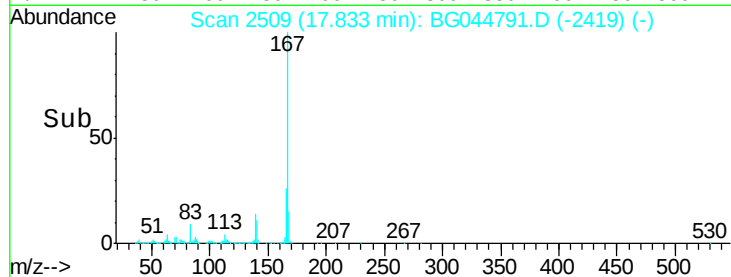
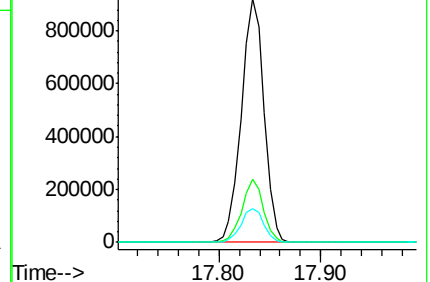
139 13.8 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.87 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

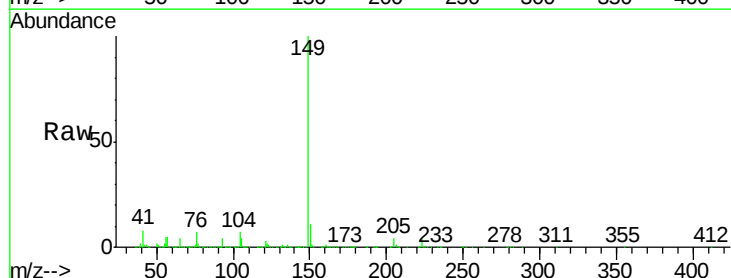
Tgt Ion:149 Resp: 1740484

Ion Ratio Lower Upper

149 100

150 10.6 8.4 12.6

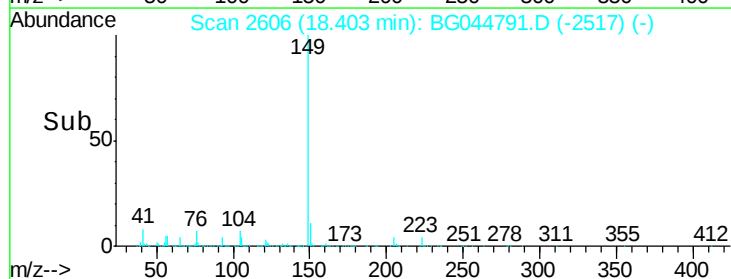
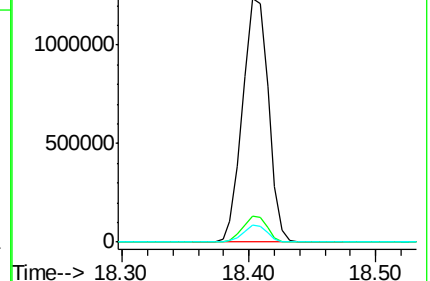
104 6.8 5.6 8.4

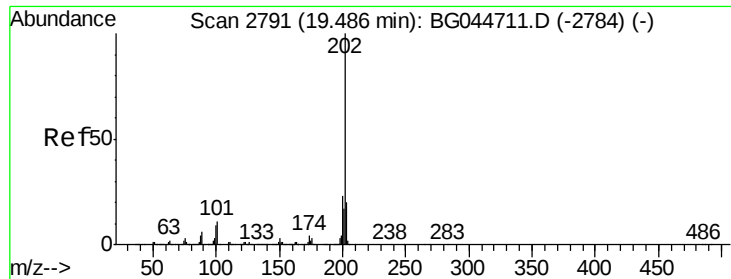


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.42 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

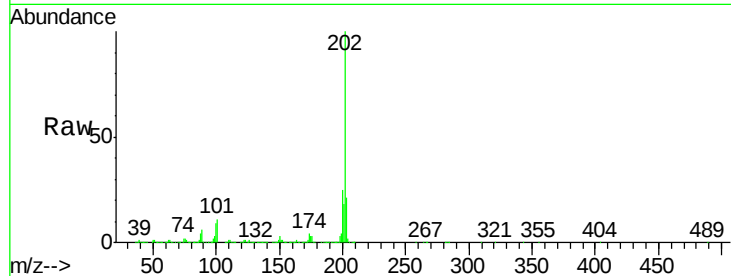
Tgt Ion:202 Resp: 1780584

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

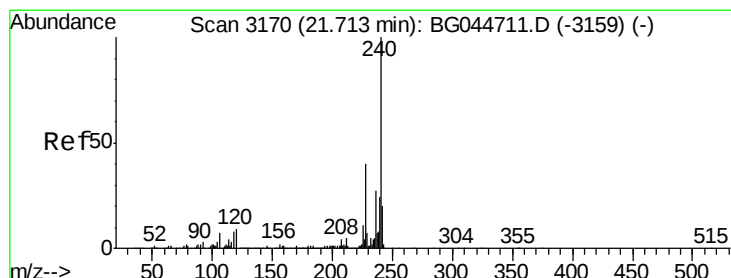
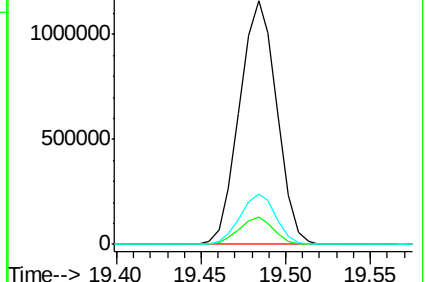
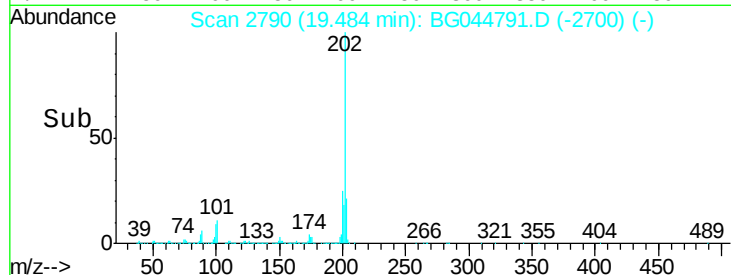
203 20.7 0.4 40.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

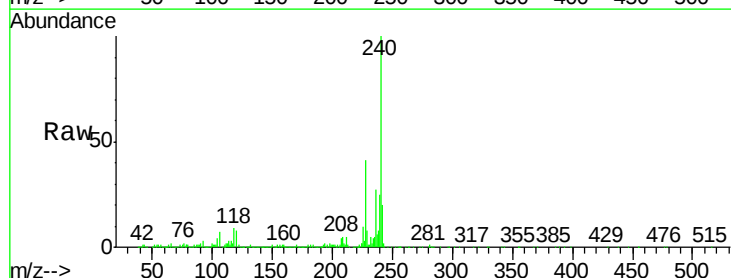
Tgt Ion:240 Resp: 545771

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

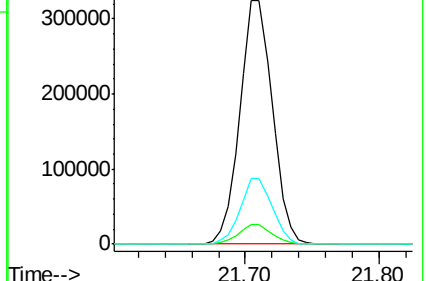
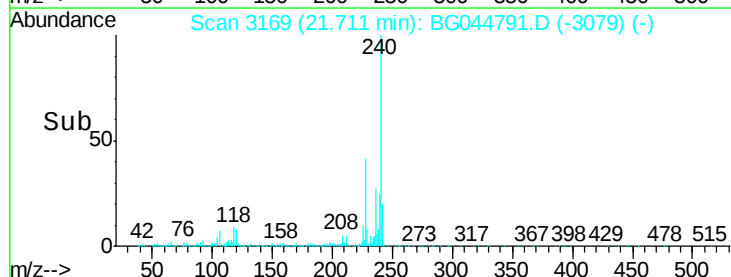
236 26.8 21.9 32.9

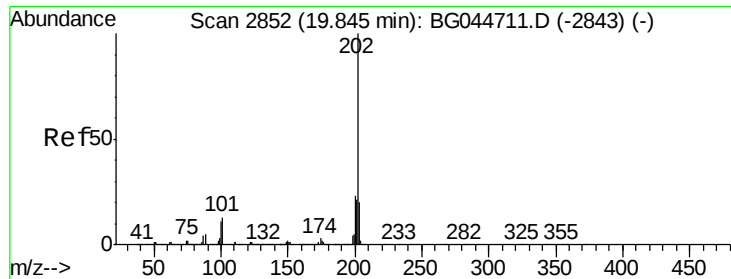


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 44.45 ng

RT: 19.85 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

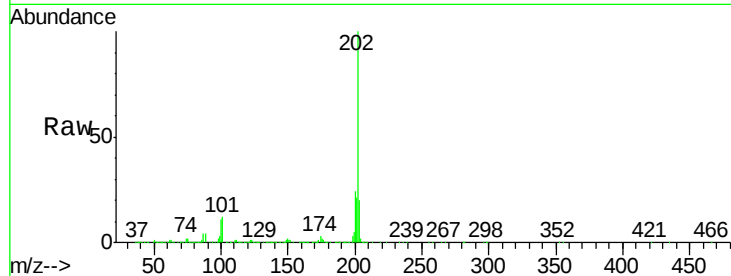
Tgt Ion:202 Resp: 1779843

Ion Ratio Lower Upper

202 100

200 24.4 18.7 28.1

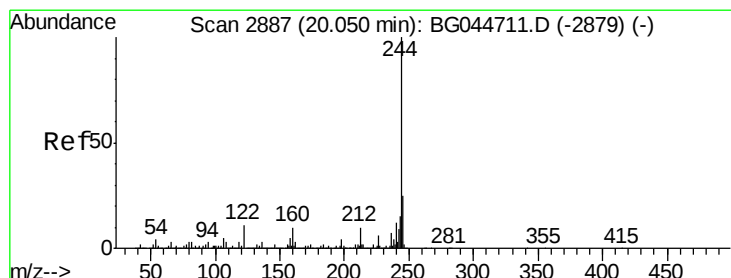
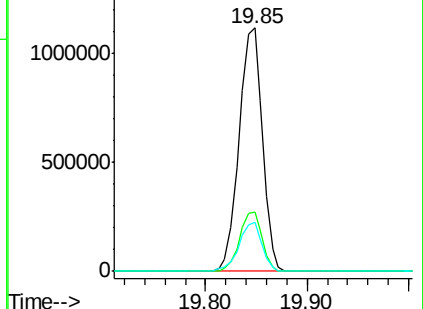
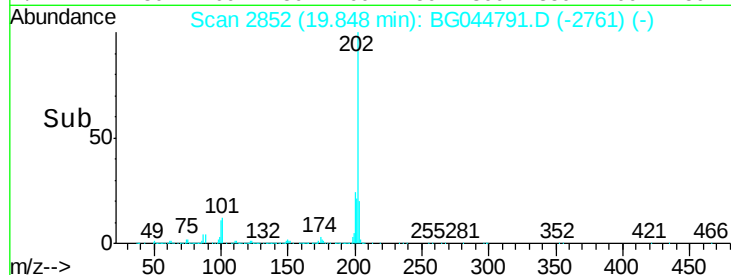
203 19.9 16.0 24.0



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: 79.48 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

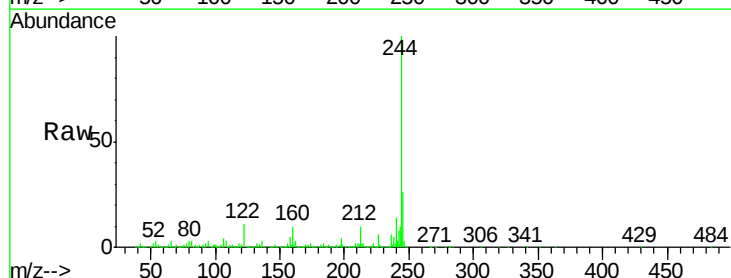
Tgt Ion:244 Resp: 2318975

Ion Ratio Lower Upper

244 100

212 10.3 8.4 12.6

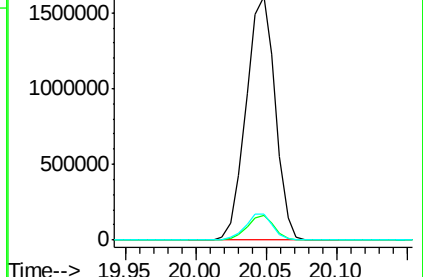
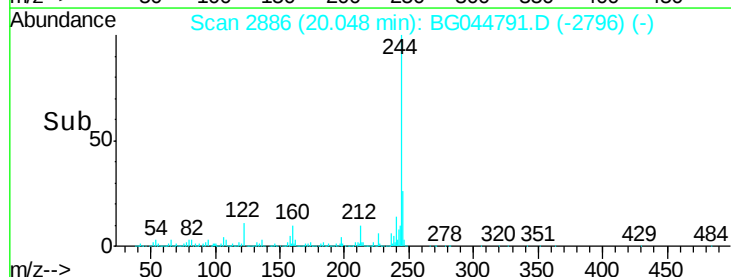
122 10.9 8.7 13.1

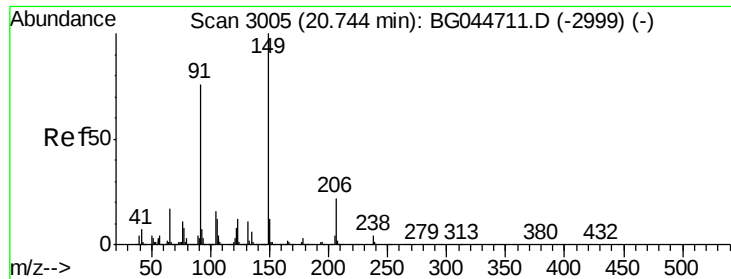


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 44.01 ng

RT: 20.74 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

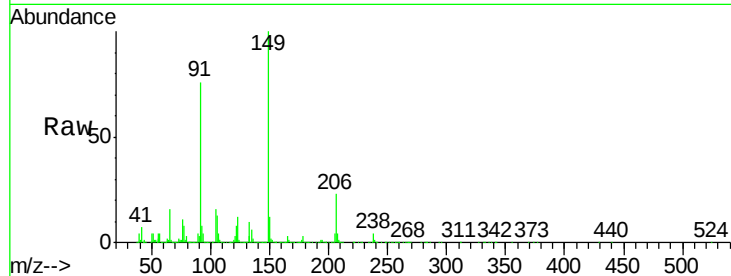
Tgt Ion:149 Resp: 783988

Ion Ratio Lower Upper

149 100

91 75.9 61.1 91.7

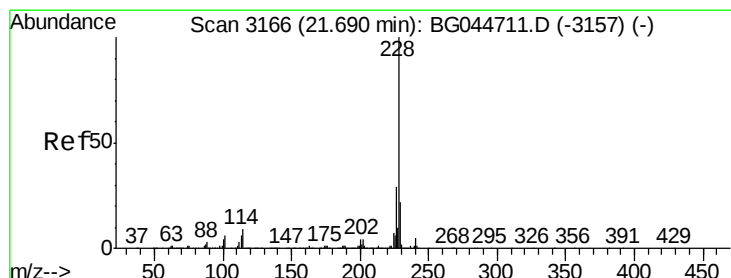
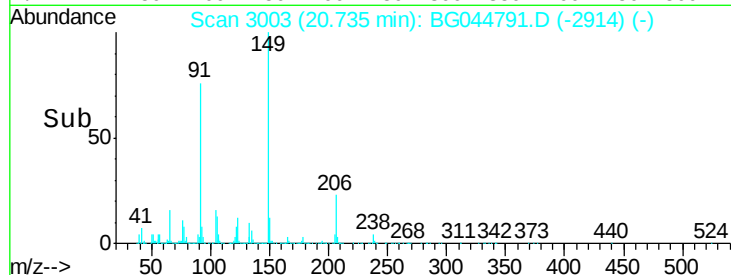
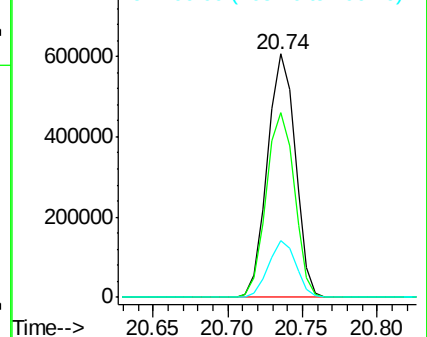
206 23.1 17.4 26.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 43.54 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

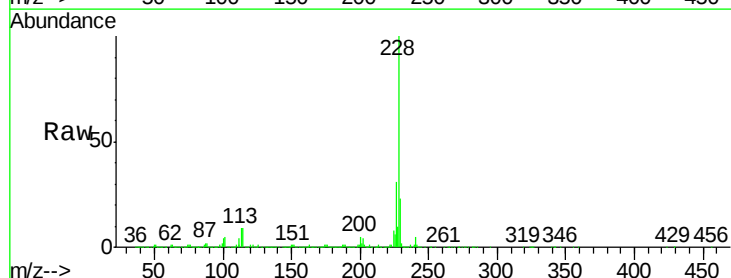
Tgt Ion:228 Resp: 1710967

Ion Ratio Lower Upper

228 100

226 31.1 23.5 35.3

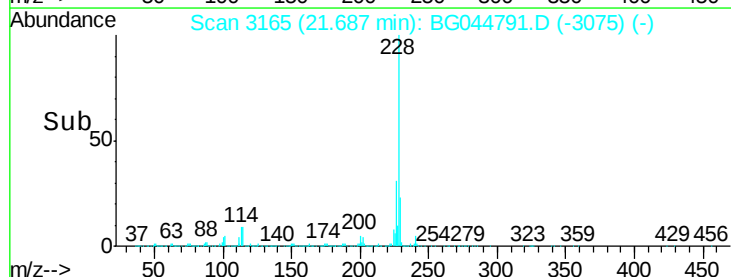
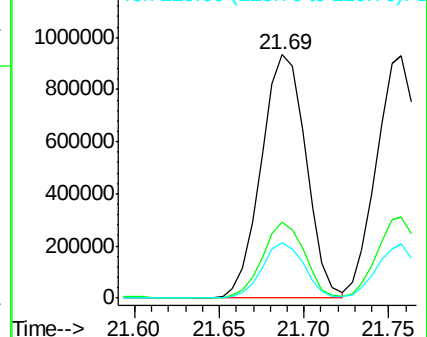
229 22.7 17.2 25.8

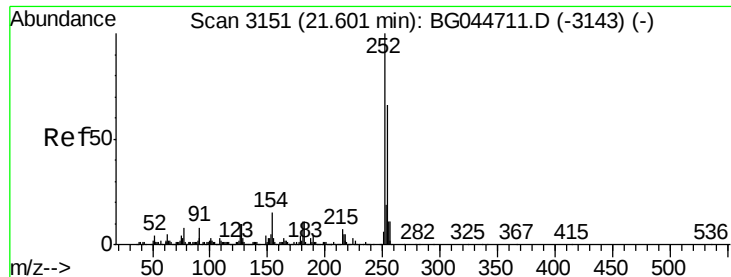


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

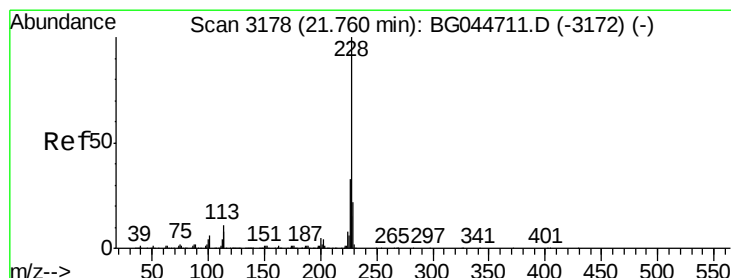
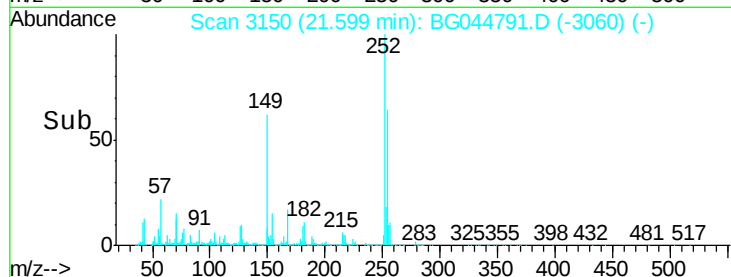
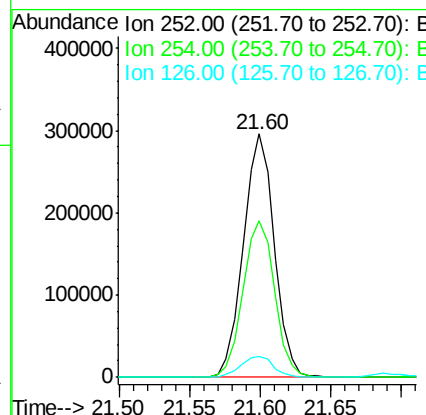
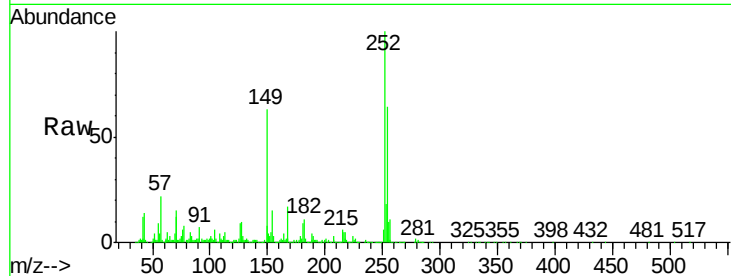




#82
 3,3'-Dichlorobenzidine
 Concen: 29.90 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

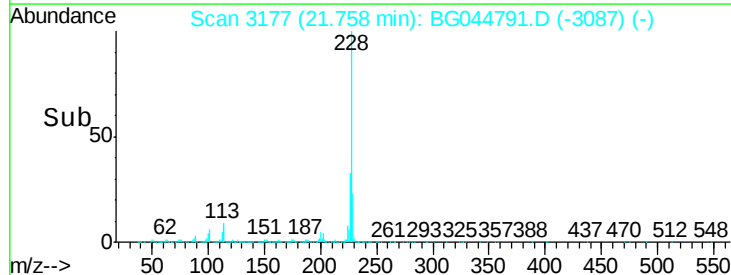
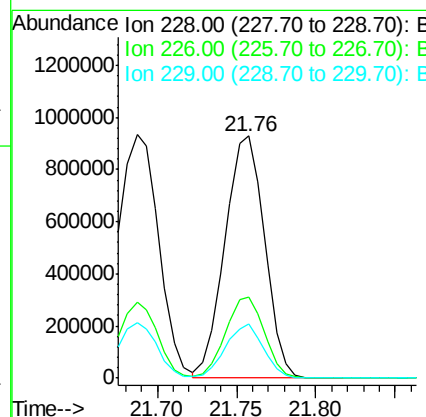
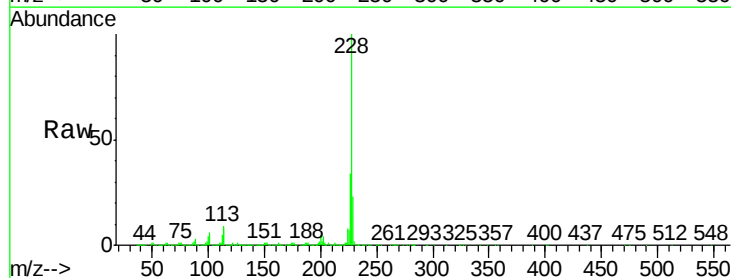
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

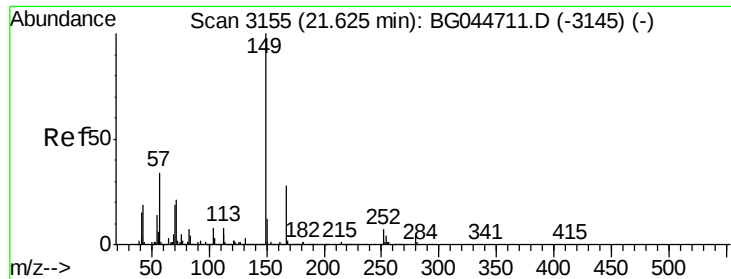
Tgt Ion:252 Resp: 454641
 Ion Ratio Lower Upper
 252 100
 254 64.3 53.0 79.4
 126 8.8 8.2 12.4



#83
 Chrysene
 Concen: 42.91 ng
 RT: 21.76 min Scan# 3177
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion:228 Resp: 1610678
 Ion Ratio Lower Upper
 228 100
 226 33.6 26.1 39.1
 229 22.6 17.4 26.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 43.39 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

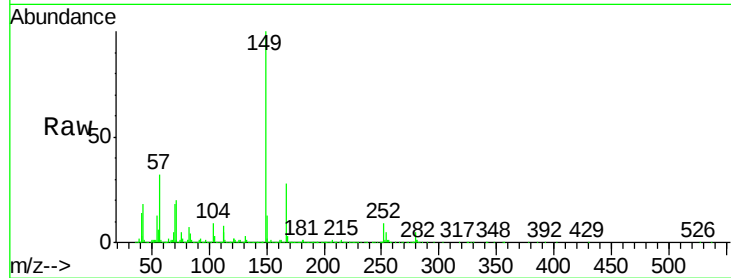
Tgt Ion:149 Resp: 1066842

Ion Ratio Lower Upper

149 100

167 28.0 22.6 33.8

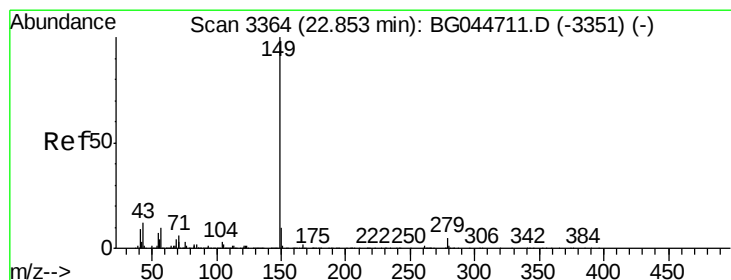
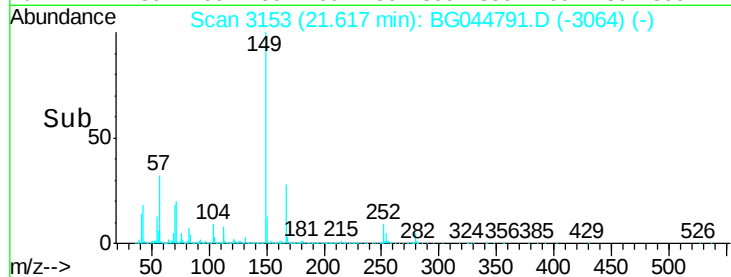
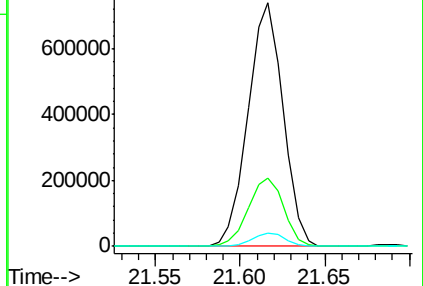
279 5.4 3.5 5.3#



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: 44.06 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

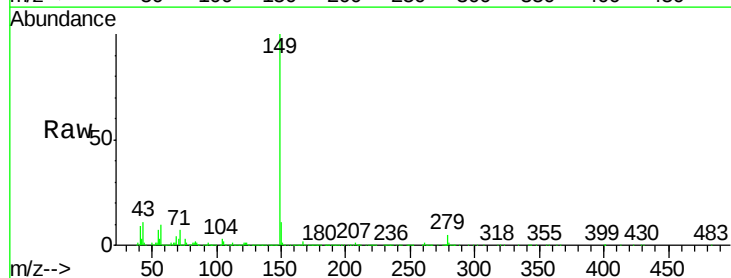
Tgt Ion:149 Resp: 1812614

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

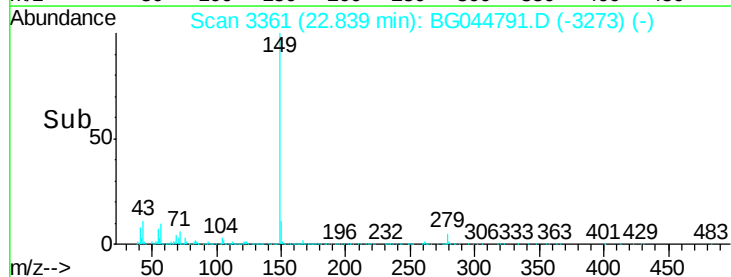
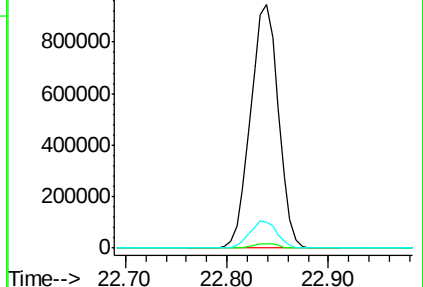
43 10.9 9.0 13.6

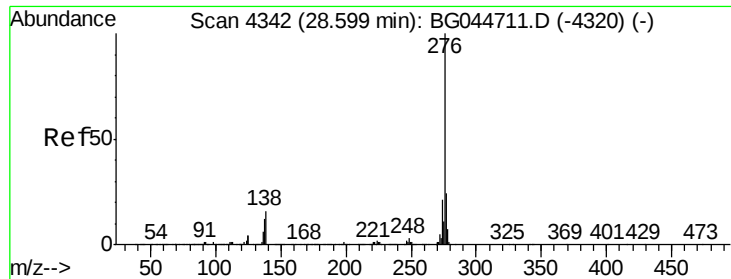


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#86

Indeno(1,2,3-cd)pyrene

Concen: 40.13 ng

RT: 28.60 min Scan# 4341

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

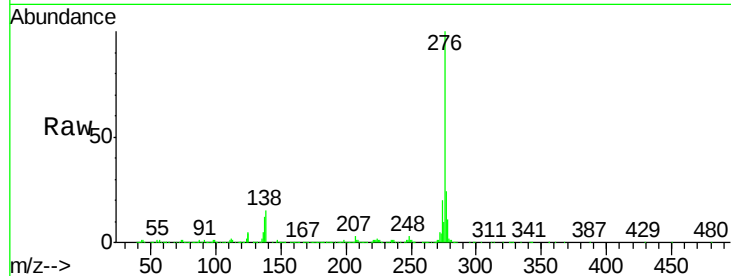
Tgt Ion:276 Resp: 1974904

Ion Ratio Lower Upper

276 100

138 10.7 10.9 16.3#

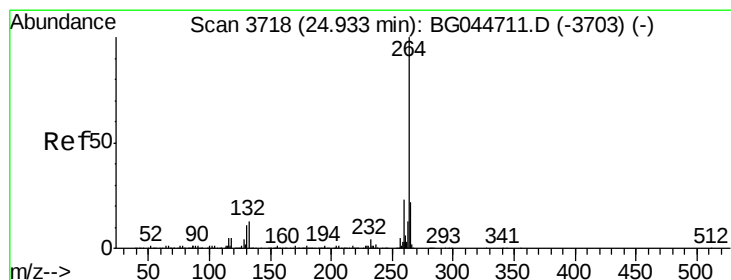
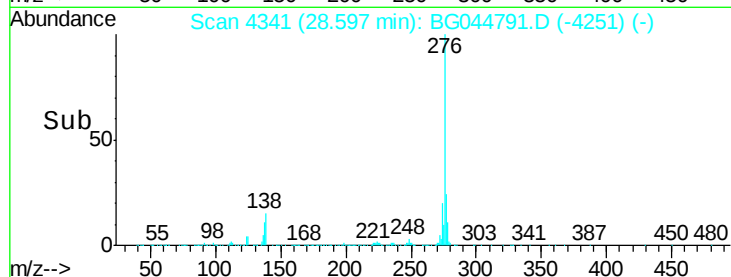
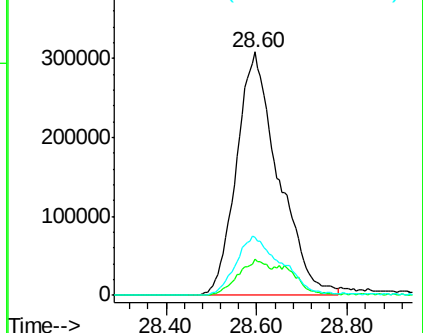
277 26.0 20.8 31.2



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

Perylene-d12

Concen: 20.00 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

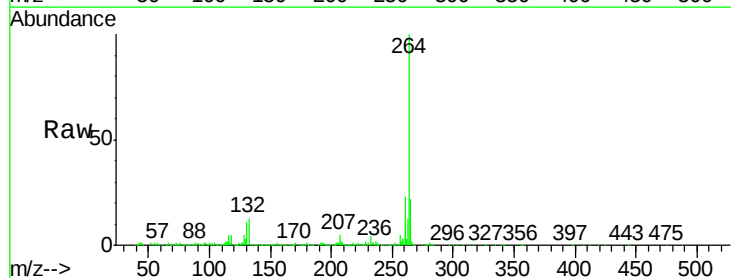
Tgt Ion:264 Resp: 590537

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

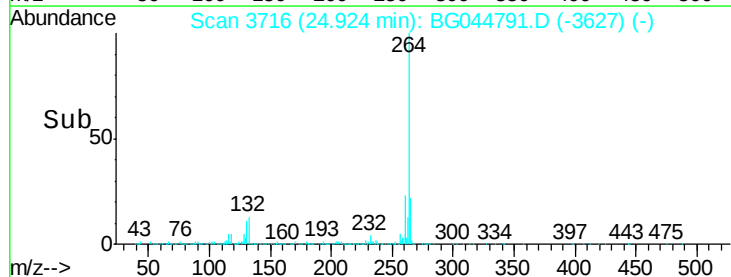
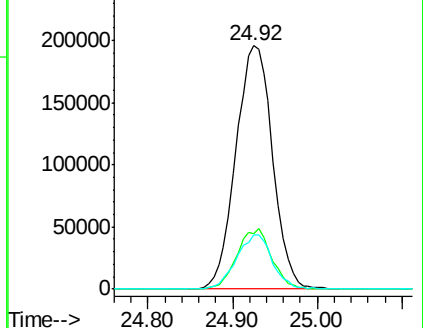
265 22.4 17.4 26.2

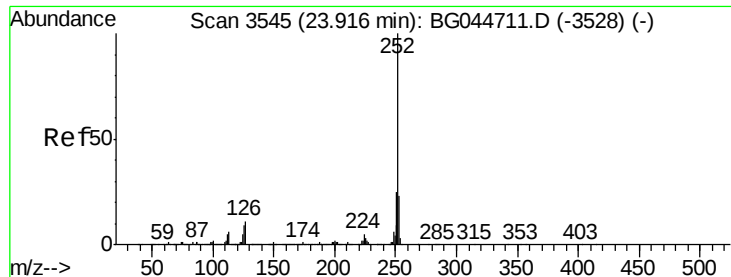


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 45.41 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

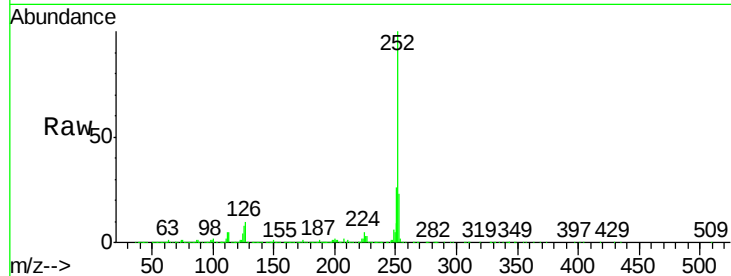
Tgt Ion:252 Resp: 1770295

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

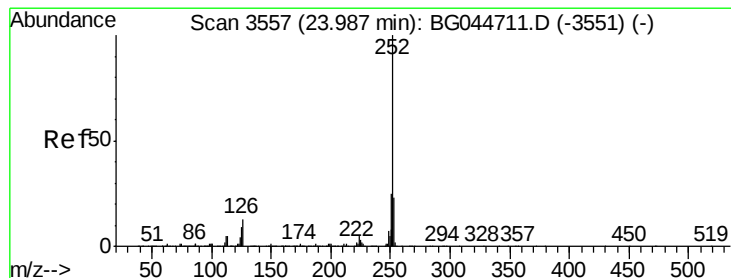
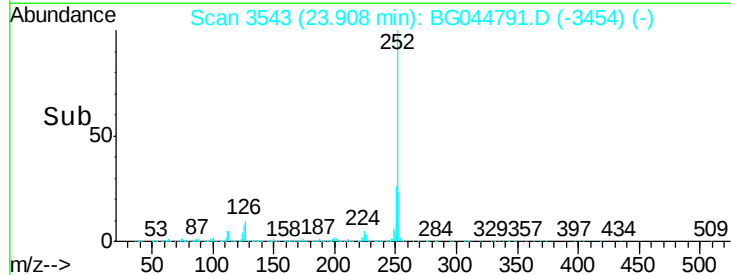
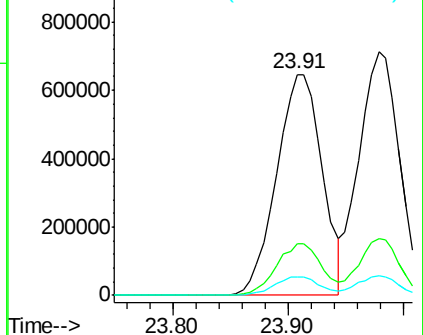
125 8.2 7.2 10.8



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



#89

Benzo(k)fluoranthene

Concen: 47.11 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

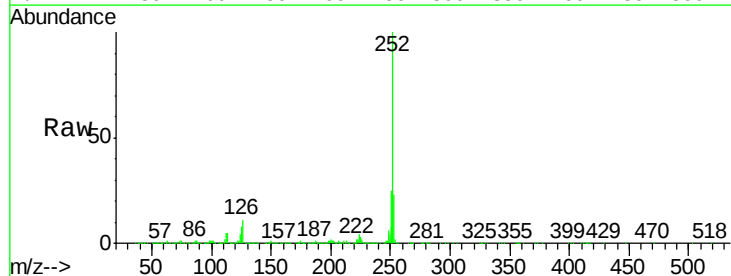
Tgt Ion:252 Resp: 1738184

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

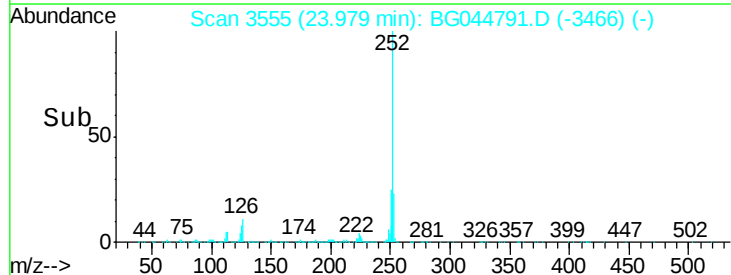
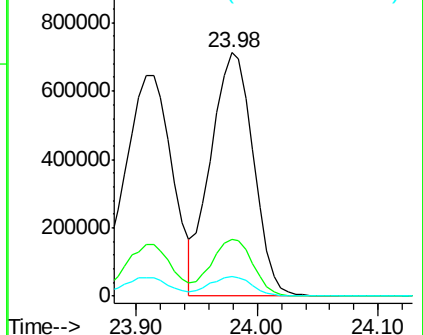
125 8.1 7.0 10.4

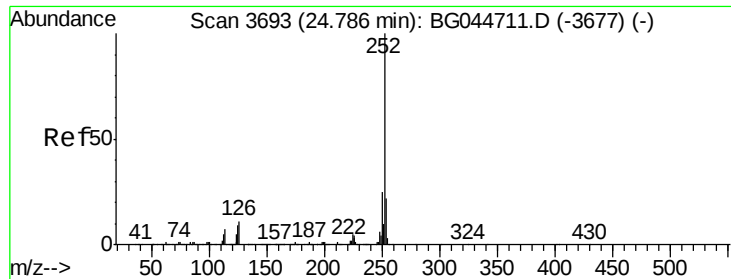


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 44.00 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

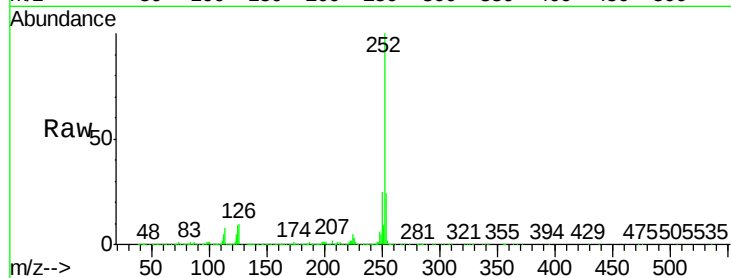
Tgt Ion:252 Resp: 1605074

Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

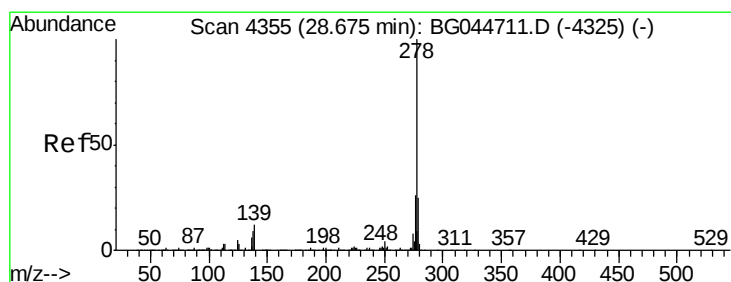
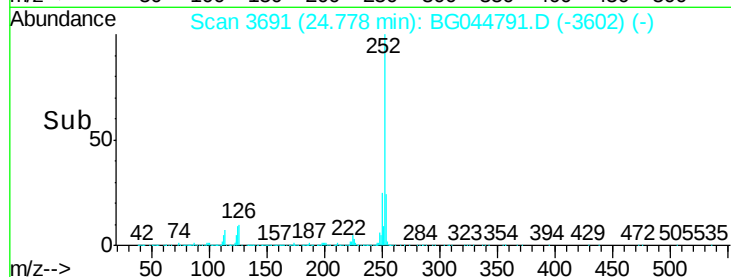
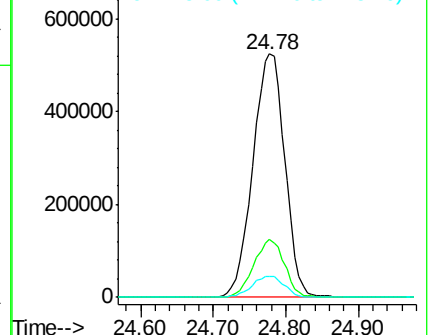
125 8.7 7.0 10.6



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: 45.50 ng

RT: 28.67 min Scan# 4353

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

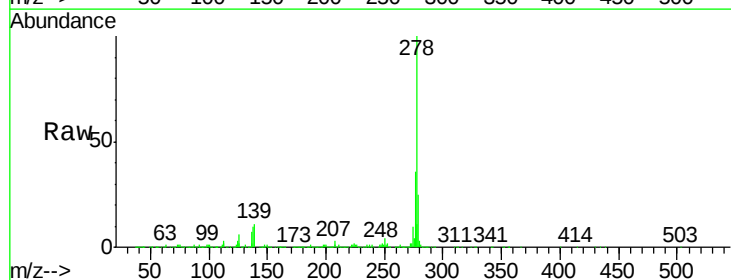
Tgt Ion:278 Resp: 1637508

Ion Ratio Lower Upper

278 100

139 11.1 9.9 14.9

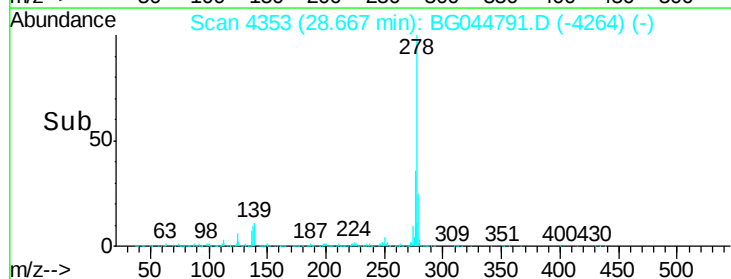
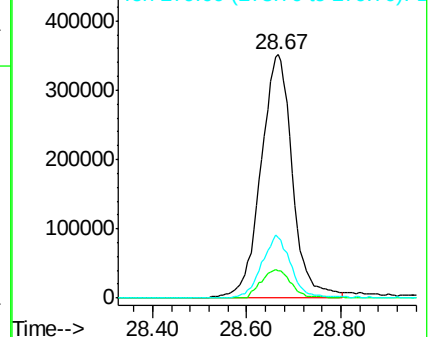
279 25.1 20.2 30.4

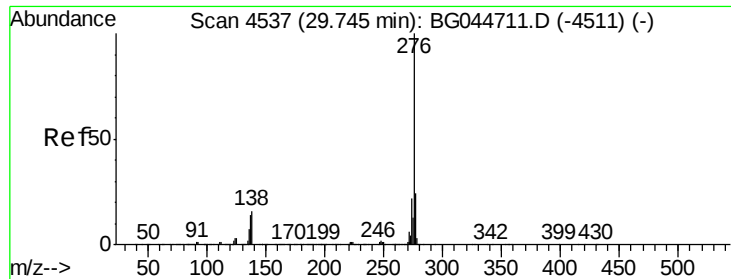


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.31 ng

RT: 29.74 min Scan# 4535

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

Tgt Ion:276 Resp: 1574742

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 13.8 13.0 19.4

