

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044764.D
 Acq On : 13 Mar 2020 12:50
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 15:18:40 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	8.05	152	90035	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	357260	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	249142	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	560804	20.00	ng	0.00
76) Chrysene-d12	21.70	240	510542	20.00	ng	-0.01
87) Perylene-d12	24.92	264	618402	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	420526	72.71	ng	0.00
7) Phenol-d6	7.21	99	629886	74.96	ng	0.00
23) Nitrobenzene-d5	9.21	82	615347	75.58	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	258269	79.17	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1277211	73.41	ng	0.00
79) Terphenyl-d14	20.04	244	1977922	72.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	95307	34.219	ng	94
3) Pyridine	3.92	79	299182	36.286	ng	98
4) n-Nitrosodimethylamine	3.83	42	118834	37.986	ng	92
6) Aniline	7.37	93	377651	36.116	ng	98
8) 2-Chlorophenol	7.62	128	210770	36.505	ng	99
9) Benzaldehyde	7.18	77	180811	33.799	ng	98
10) Phenol	7.23	94	298627	35.895	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	234266	35.283	ng	97
12) 1,3-Dichlorobenzene	7.95	146	260314	36.601	ng	94
13) 1,4-Dichlorobenzene	8.09	146	254828	36.241	ng	97
14) 1,2-Dichlorobenzene	8.41	146	238445	35.756	ng	99
15) Benzyl Alcohol	8.28	79	252583	37.462	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	419494	35.801	ng	97
17) 2-Methylphenol	8.49	107	203251	36.066	ng	92
18) Hexachloroethane	9.15	117	103576	37.416	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	209489	35.305	ng	99
20) 3+4-Methylphenols	8.82	107	290663	37.415	ng	99
22) Acetophenone	8.87	105	357878	35.359	ng	97
24) Nitrobenzene	9.25	77	309501	36.637	ng	97
25) Isophorone	9.78	82	560255	35.259	ng	99
26) 2-Nitrophenol	9.96	139	118372	41.239	ng	98
27) 2,4-Dimethylphenol	10.03	122	186216	35.987	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	337683	35.610	ng	98
29) 2,4-Dichlorophenol	10.50	162	232422	38.455	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	264002	36.531	ng	96
31) Naphthalene	10.91	128	719302	36.346	ng	99
32) Benzoic acid	10.15	122	145350	38.463	ng	96
33) 4-Chloroaniline	11.01	127	320085	35.899	ng	98
34) Hexachlorobutadiene	11.21	225	180286	37.935	ng	99
35) Caprolactam	11.77	113	84352	36.862	ng	# 80
36) 4-Chloro-3-methylphenol	12.12	107	266142	36.921	ng	97
37) 2-Methylnaphthalene	12.52	142	538889	36.402	ng	98
38) 1-Methylnaphthalene	12.74	142	509859	36.634	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	295027	35.957	ng	99

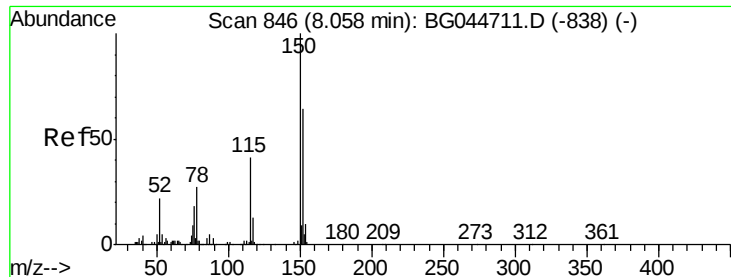
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044764.D
 Acq On : 13 Mar 2020 12:50
 Operator : CG/JU
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Quant Time: Mar 13 15:18:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS 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	12.87	237	164406	36.664	nq	99
43) 2,4,6-Trichlorophenol	13.12	196	207377	38.084	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	213249	37.763	nq	92
46) 1,1'-Biphenyl	13.52	154	704647	35.392	nq	99
47) 2-Chloronaphthalene	13.56	162	550148	36.172	nq	96
48) 2-Nitroaniline	13.75	65	208171	39.096	nq	99
49) Acenaphthylene	14.41	152	852991	35.799	nq	99
50) Dimethylphthalate	14.14	163	720275	36.299	nq	98
51) 2,6-Dinitrotoluene	14.25	165	155427	38.859	nq	93
52) Acenaphthene	14.75	154	562580	36.052	nq	99
53) 3-Nitroaniline	14.57	138	174267	37.897	nq	99
54) 2,4-Dinitrophenol	14.78	184	67696	37.342	nq	# 73
55) Dibenzofuran	15.09	168	821276	36.293	nq	98
56) 4-Nitrophenol	14.87	139	132393	37.724	nq	98
57) 2,4-Dinitrotoluene	15.03	165	220647	40.223	nq	95
58) Fluorene	15.73	166	673577	36.185	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	205188	39.466	nq	98
60) Diethylphthalate	15.51	149	758676	36.658	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	361994	36.115	nq	96
62) 4-Nitroaniline	15.74	138	188729	38.489	nq	95
63) Azobenzene	16.02	77	763885	35.543	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	98578	39.068	nq	97
66) n-Nitrosodiphenylamine	15.94	169	601049	35.599	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	256432	36.576	nq	94
68) Hexachlorobenzene	16.74	284	277867	36.533	nq	96
69) Atrazine	16.89	200	235804	38.120	nq	98
70) Pentachlorophenol	17.08	266	163901	39.165	nq	96
71) Phenanthrene	17.48	178	1107157	36.944	nq	98
72) Anthracene	17.57	178	1088952	36.850	nq	97
73) Carbazole	17.83	167	1046617	36.872	nq	97
74) Di-n-butylphthalate	18.41	149	1307425	37.890	nq	99
75) Fluoranthene	19.48	202	1365419	38.266	nq	96
77) Benzidine	19.65	184	702351	42.376	nq	99
78) Pyrene	19.84	202	1345241	35.914	nq	99
80) Butylbenzylphthalate	20.74	149	627125	37.634	nq	98
81) Benzo(a)anthracene	21.68	228	1355011	36.858	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	538689	37.877	nq	96
83) Chrysene	21.75	228	1314689	37.438	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	848245	36.883	nq	99
85) Di-n-octyl phthalate	22.84	149	1469051	38.172	nq	99
86) Indeno(1,2,3-cd)pyrene	28.58	276	1752202	38.059	nq	99
88) Benzo(b)fluoranthene	23.90	252	1449303	35.500	nq	99
89) Benzo(k)fluoranthene	23.97	252	1431342	37.048	nq	100
90) Benzo(a)pyrene	24.77	252	1391441	36.425	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1386466	36.789	nq	98
92) Benzo(g,h,i)perylene	29.72	276	1389036	36.480	nq	98

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

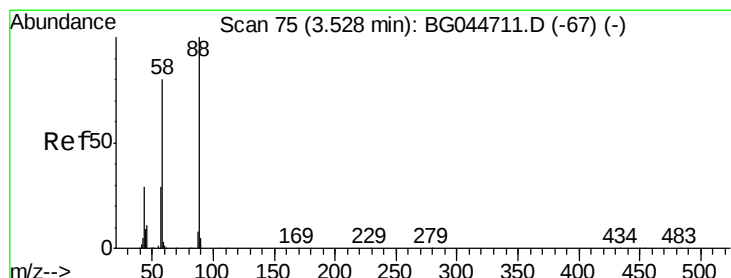
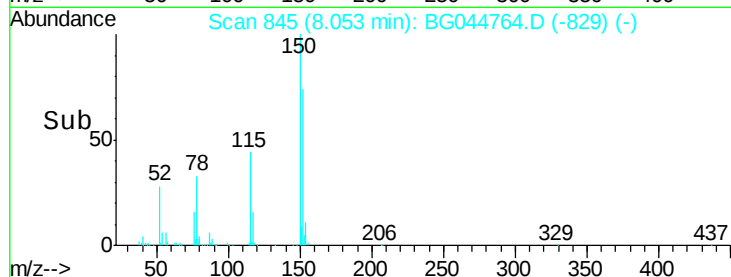
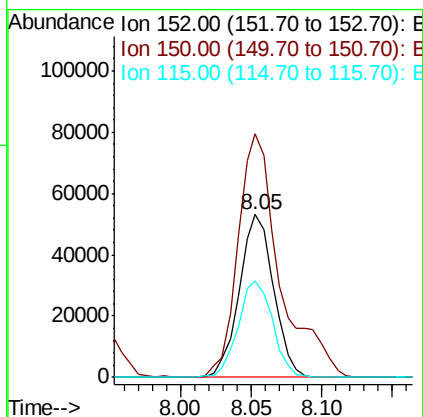
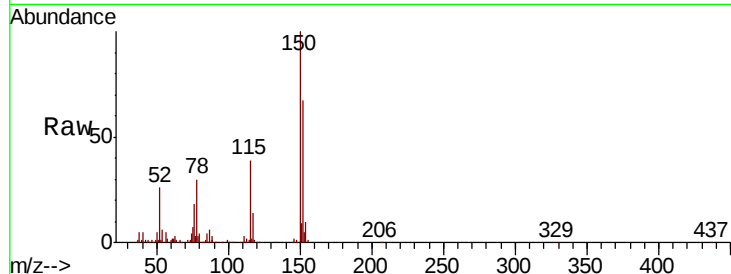


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Instrument :
BNA_G
ClientSampleId :

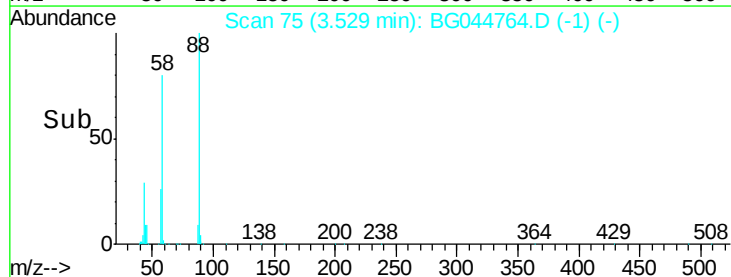
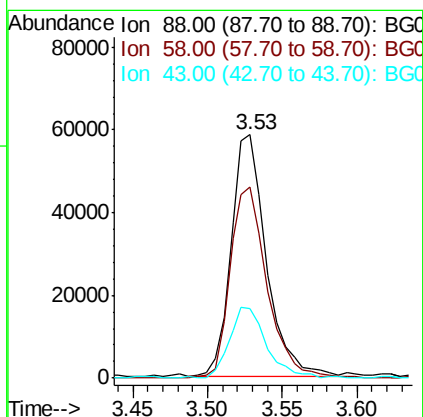
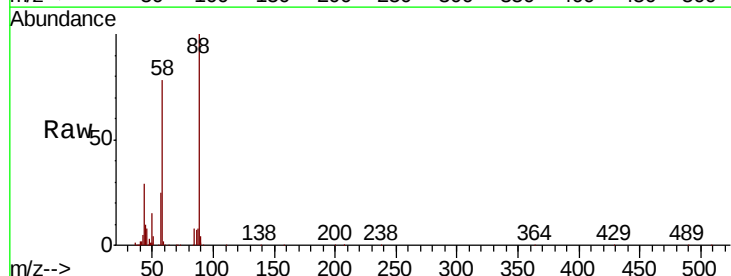
Tot Ion:152 Resp: 90035
Ion Ratio Lower Upper
152 100
150 149.7 125.3 187.9
115 59.0 51.7 77.5

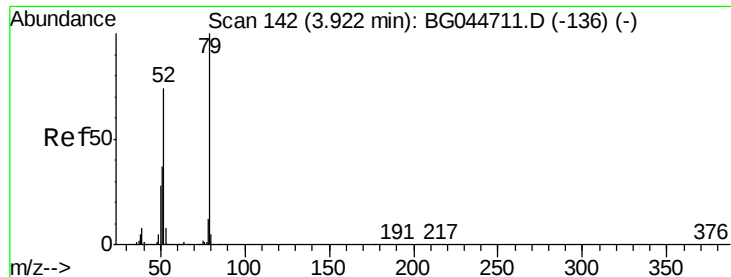


#2

1,4-Dioxane
Concen: 34.219 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt Ion: 88 Resp: 95307
Ion Ratio Lower Upper
88 100
58 83.9 63.0 94.4
43 32.0 23.2 34.8





#3

Pvridine

Concen: 36.286 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

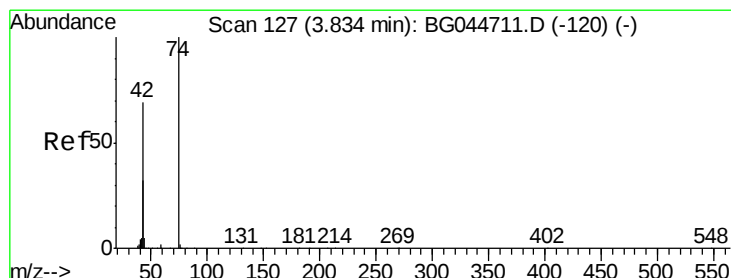
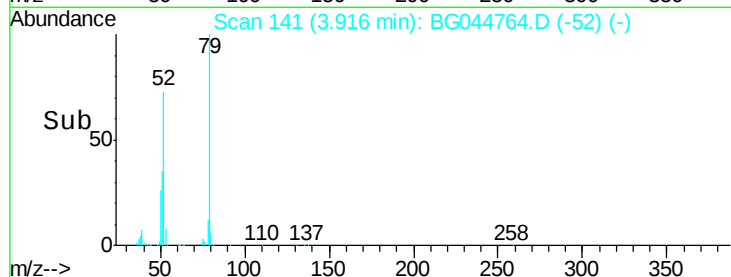
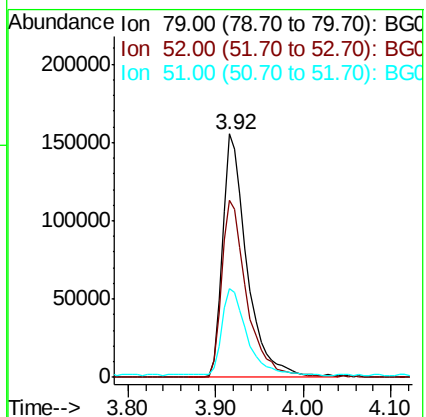
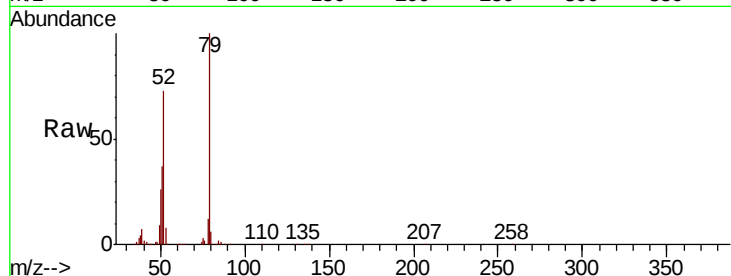
Tot Ion: 79 Resp: 299182

Ion Ratio Lower Upper

79 100

52 72.7 59.4 89.2

51 36.7 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 37.986 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

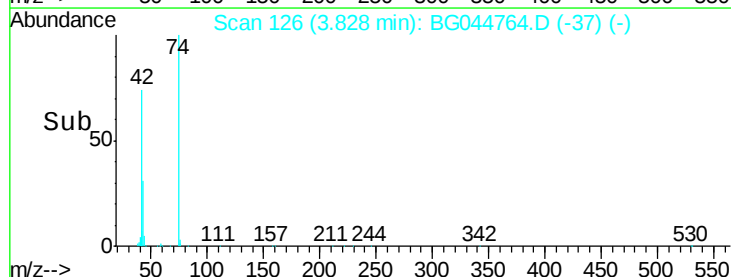
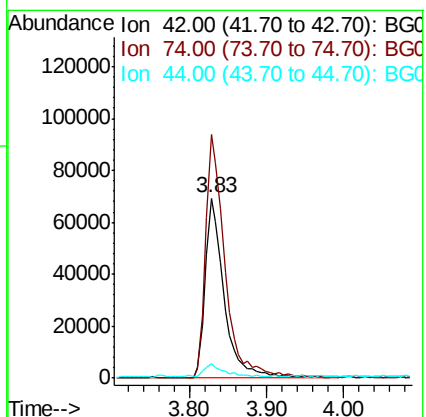
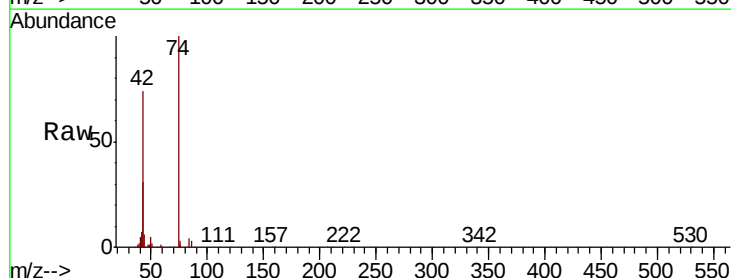
Tgt Ion: 42 Resp: 118834

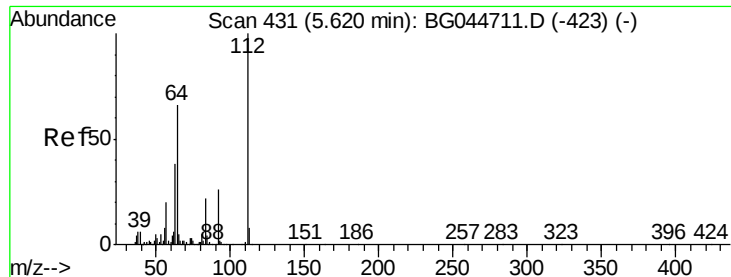
Ion Ratio Lower Upper

42 100

74 135.2 116.1 174.1

44 7.8 7.1 10.7





#5

2-Fluorophenol

Concen: 72.708 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

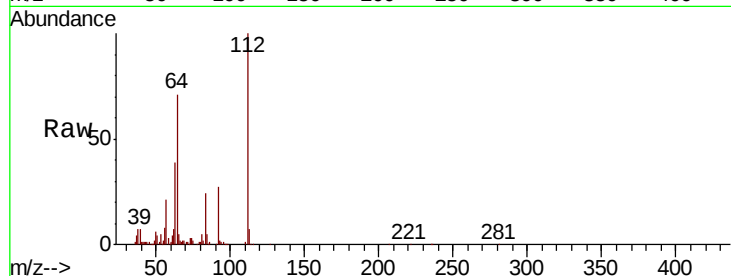
Tot Ion:112 Resp: 420526

Ion Ratio Lower Upper

112 100

64 70.9 52.6 78.8

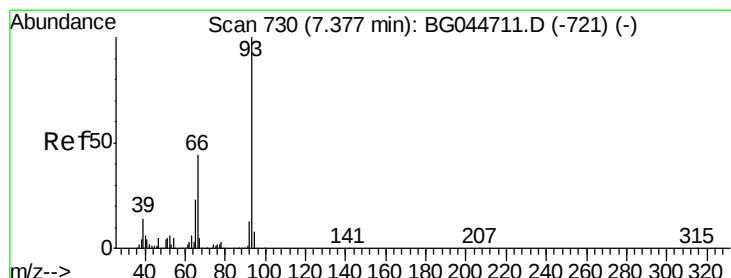
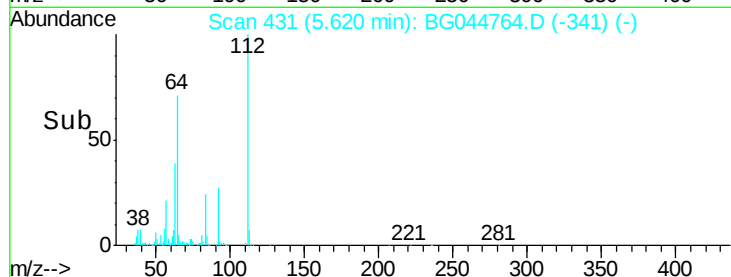
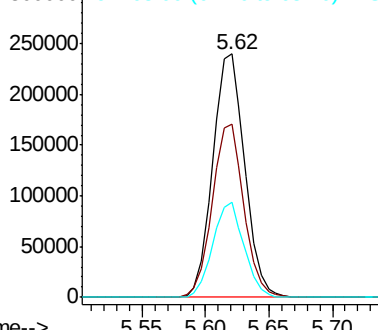
63 38.9 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.116 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

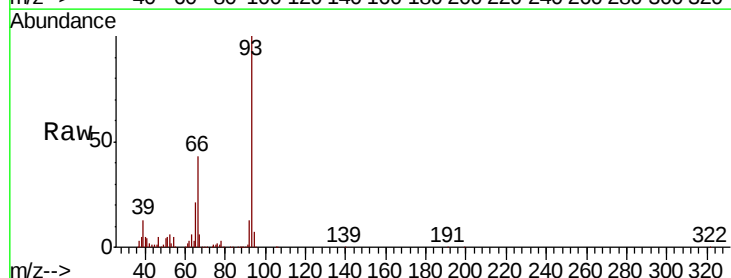
Tgt Ion: 93 Resp: 377651

Ion Ratio Lower Upper

93 100

66 42.8 35.3 52.9

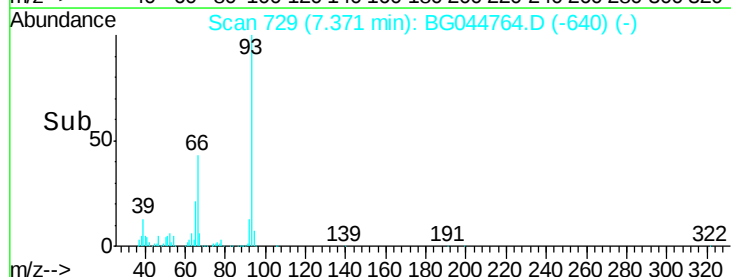
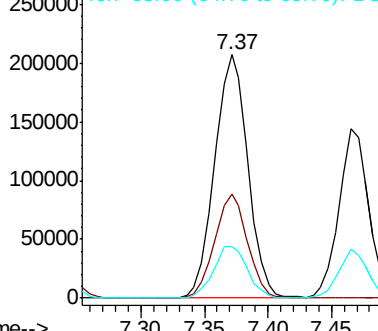
65 21.4 18.2 27.4

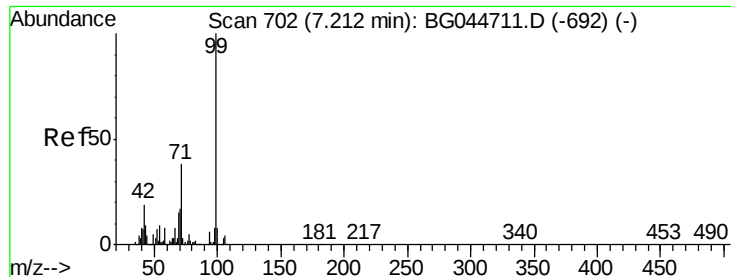


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.956 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

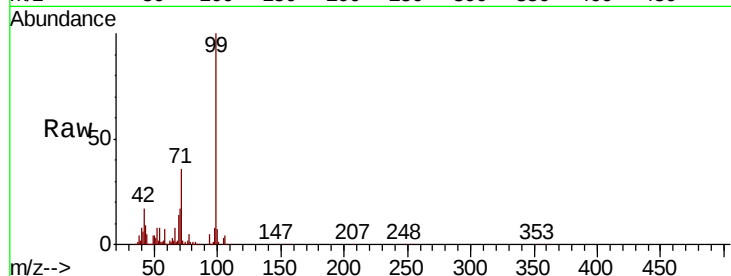
Tot Ion: 99 Resp: 629886

Ion Ratio Lower Upper

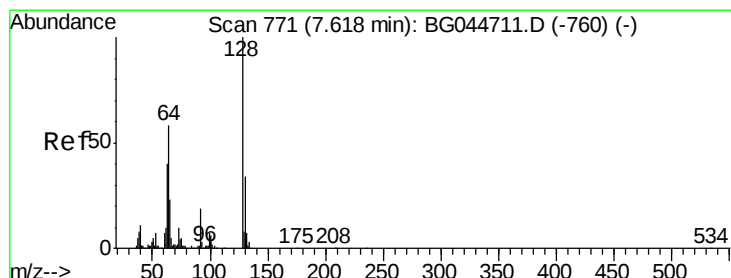
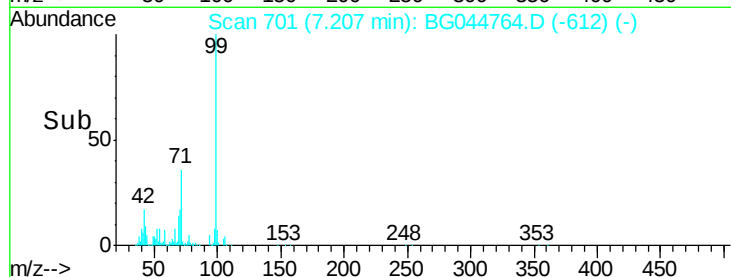
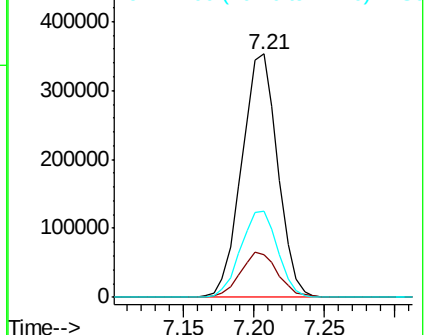
99 100

42 17.4 15.4 23.0

71 35.5 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: 36.505 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

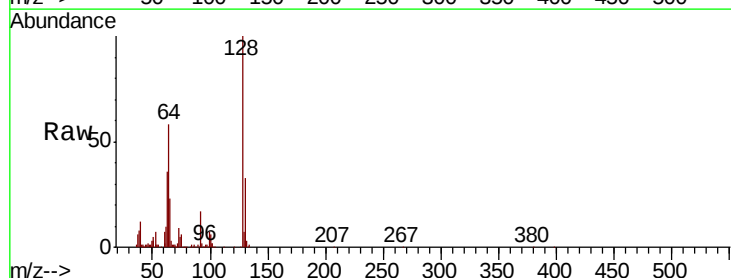
Tgt Ion:128 Resp: 210770

Ion Ratio Lower Upper

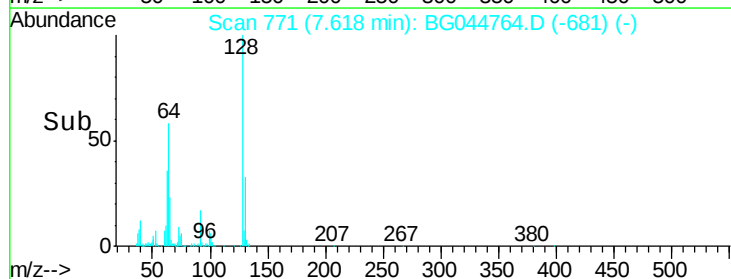
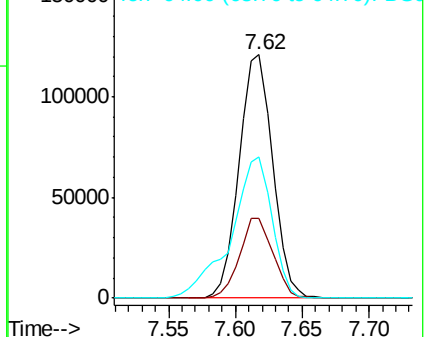
128 100

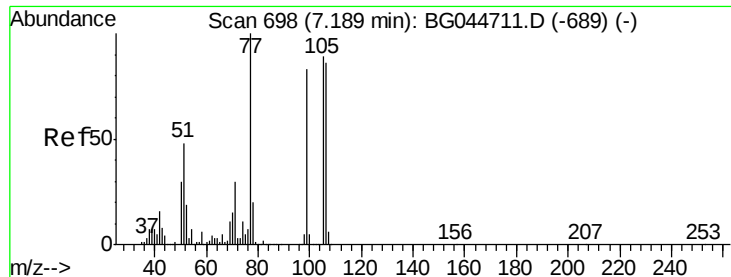
130 32.7 13.6 53.6

64 58.1 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: 33.799 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampled :

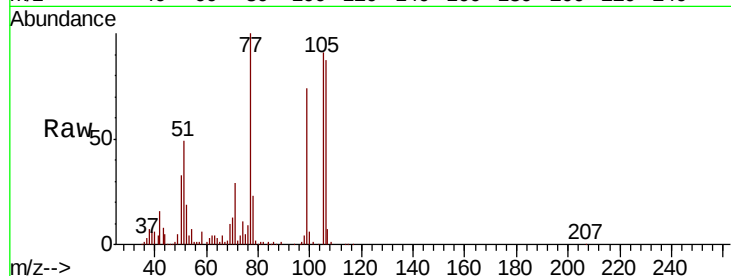
Tot Ion: 77 Resp: 180811

Ion Ratio Lower Upper

77 100

105 90.8 68.6 108.6

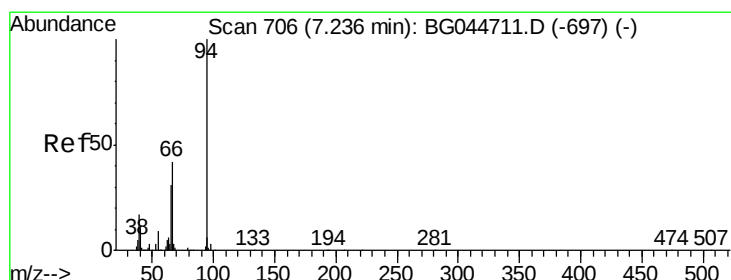
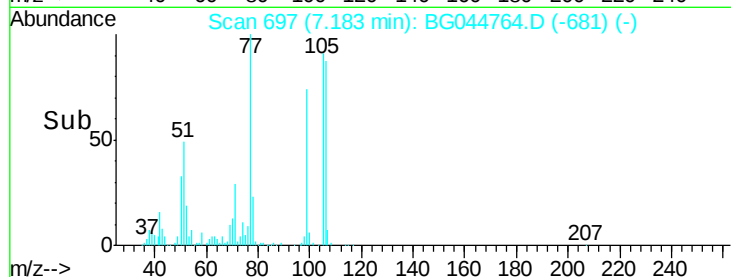
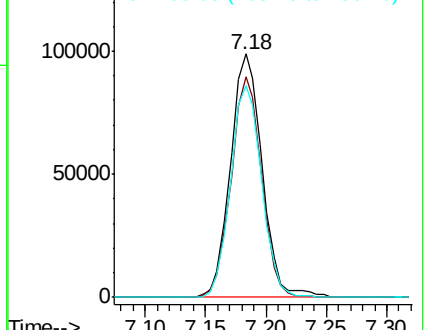
106 86.8 65.9 105.9



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: 35.895 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

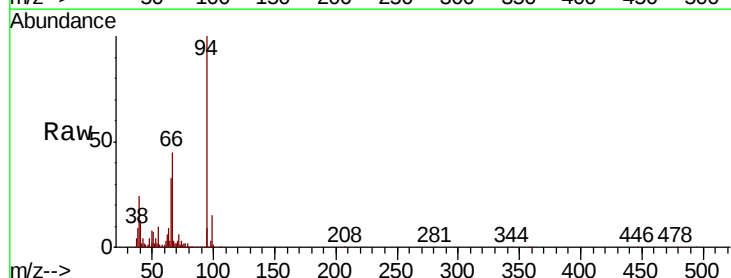
Tgt Ion: 94 Resp: 298627

Ion Ratio Lower Upper

94 100

65 33.2 11.3 51.3

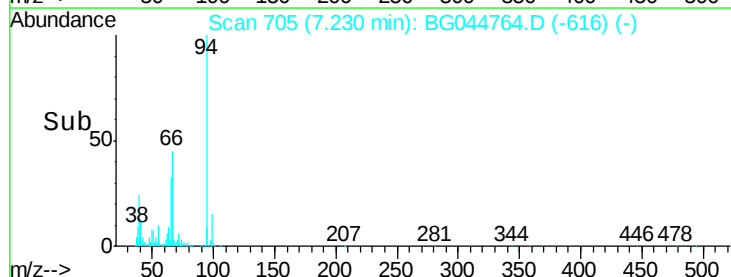
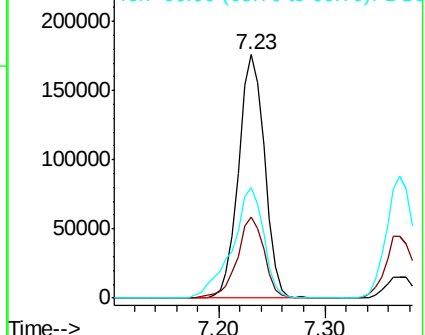
66 45.2 22.9 62.9



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

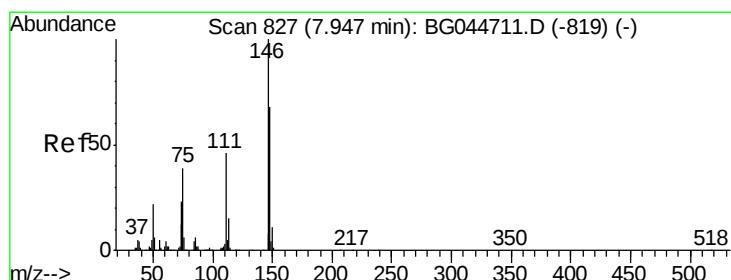
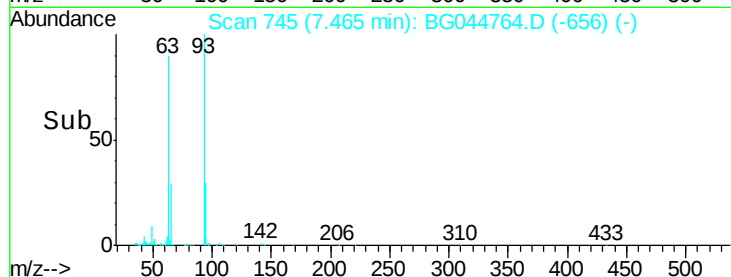
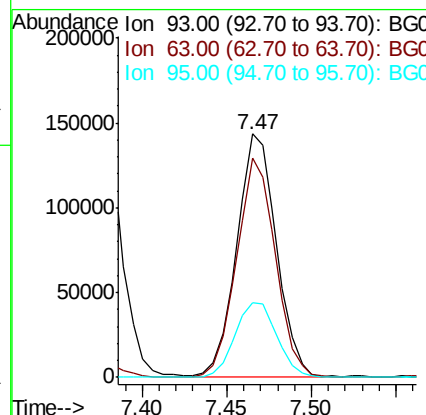
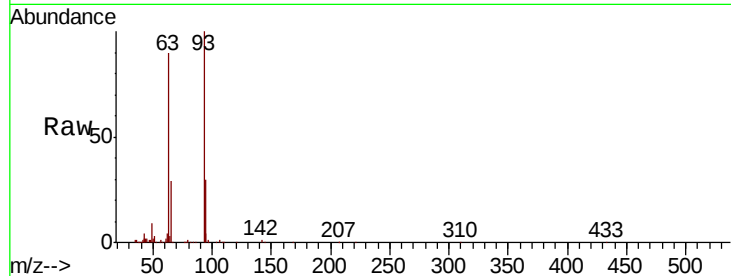




#11
bis(2-Chloroethyl)ether
Concen: 35.283 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

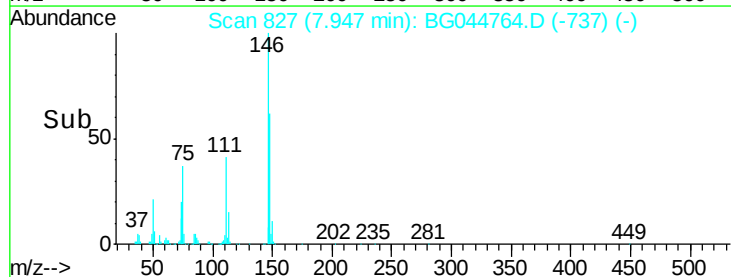
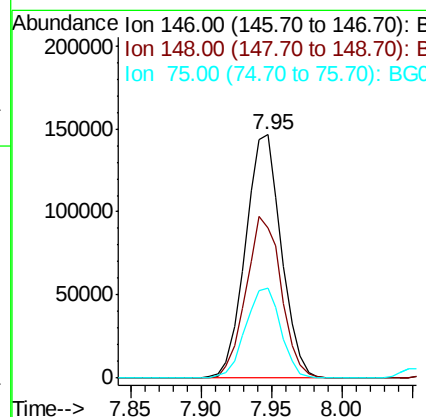
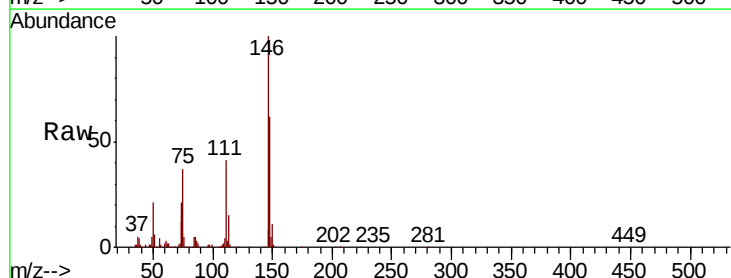
Instrument :
BNA_G
ClientSampleId :

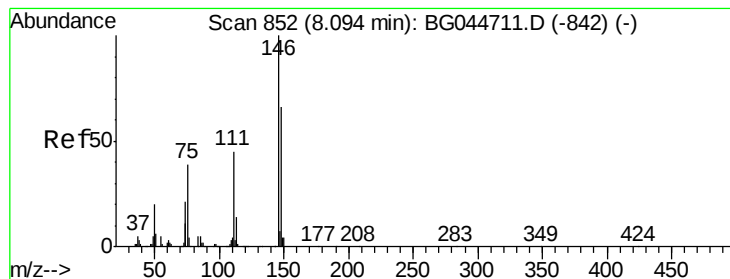
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.1	68.1	108.1
95	30.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 36.601 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	54.2	81.2
75	37.0	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 36.241 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

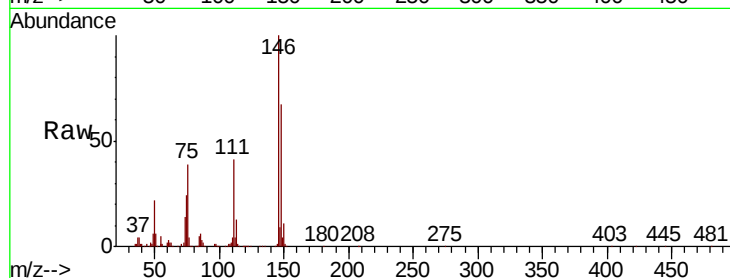
Tot Ion:146 Resp: 254828

Ion Ratio Lower Upper

146 100

148 66.8 52.9 79.3

111 41.3 35.6 53.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

200000

150000

100000

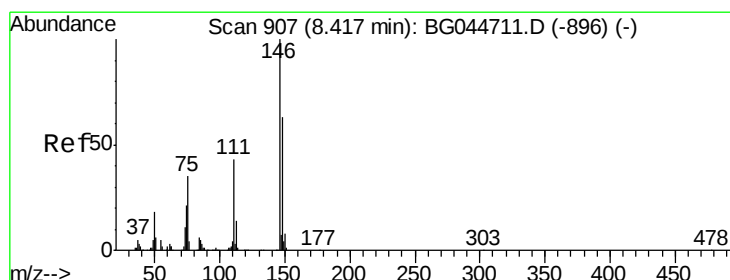
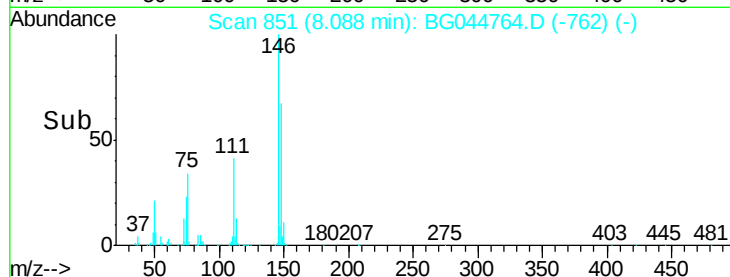
50000

0

8.09

8.00 8.05 8.10 8.15 8.20

Time-->



#14

1,2-Dichlorobenzene

Concen: 35.756 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

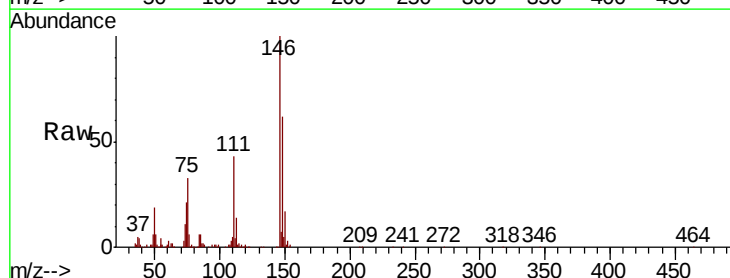
Tgt Ion:146 Resp: 238445

Ion Ratio Lower Upper

146 100

148 62.2 50.8 76.2

111 43.0 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

150000

100000

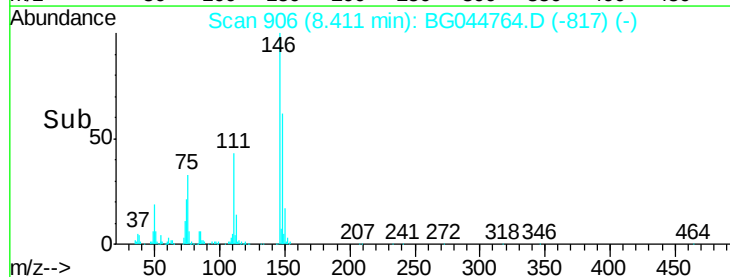
50000

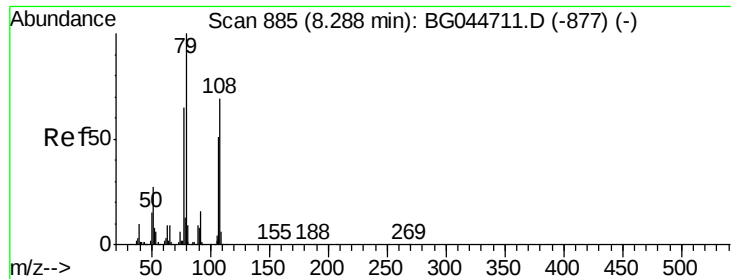
0

8.41

8.35 8.40 8.45 8.50

Time-->





#15

Benzyl Alcohol

Concen: 37.462 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

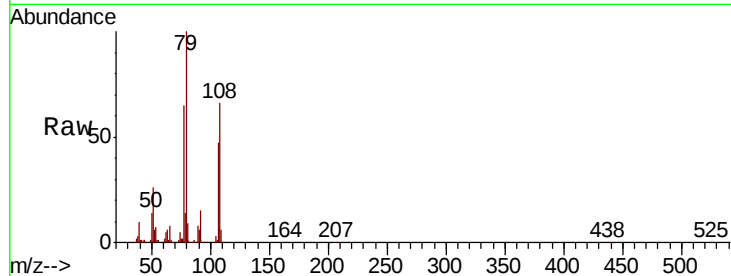
Tot Ion: 79 Resp: 252583

Ion Ratio Lower Upper

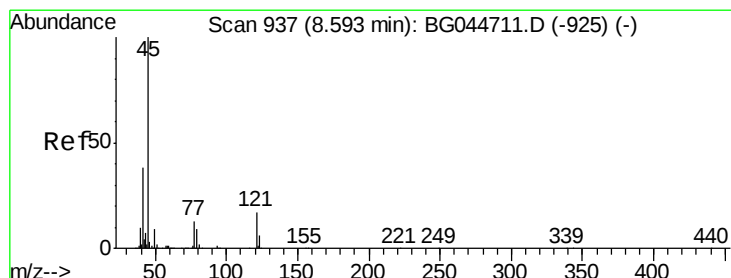
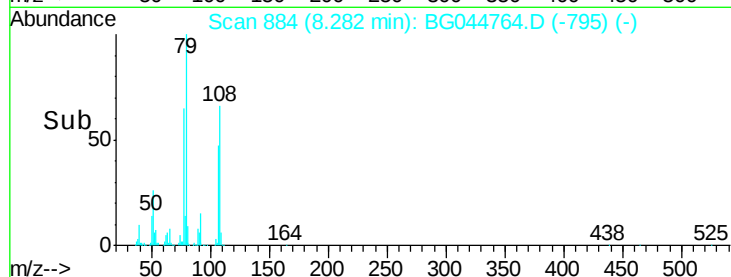
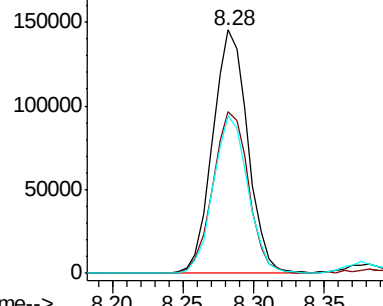
79 100

108 66.2 55.4 83.0

77 64.7 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: 35.801 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

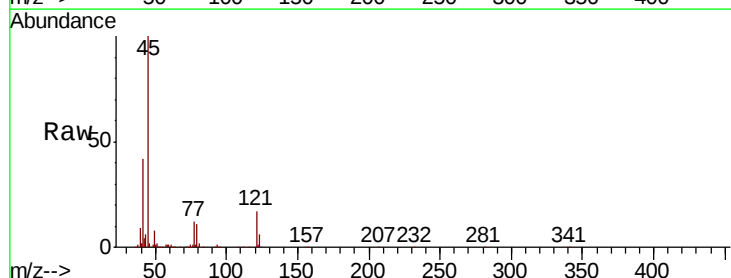
Tgt Ion: 45 Resp: 419494

Ion Ratio Lower Upper

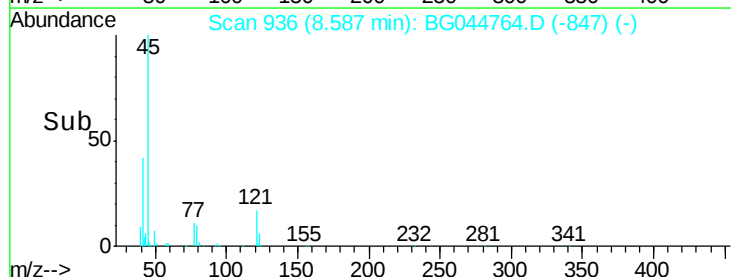
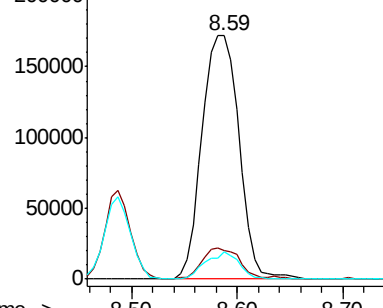
45 100

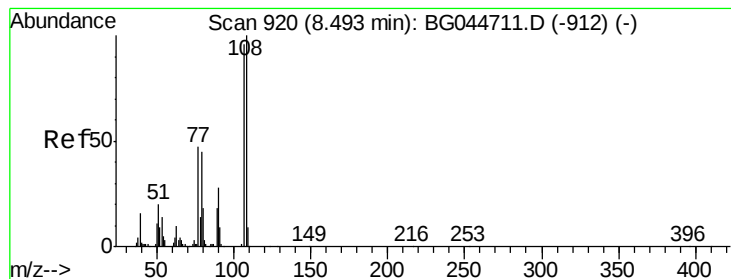
77 12.0 0.0 33.4

79 11.0 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: 36.066 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 203251

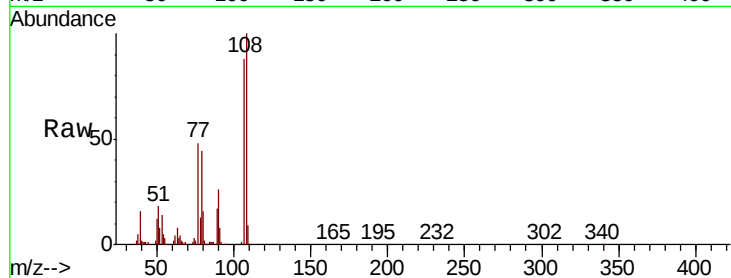
Ion Ratio Lower Upper

107 100

108 113.8 83.2 124.8

77 54.6 39.0 58.6

79 50.0 37.6 56.4

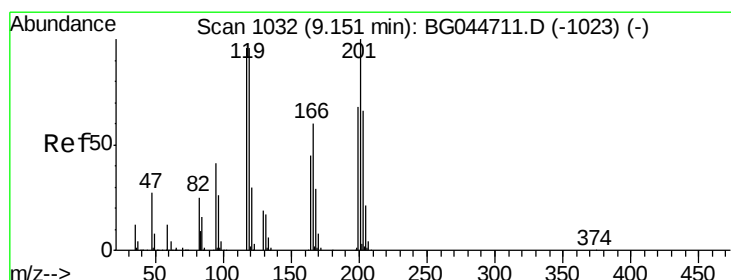
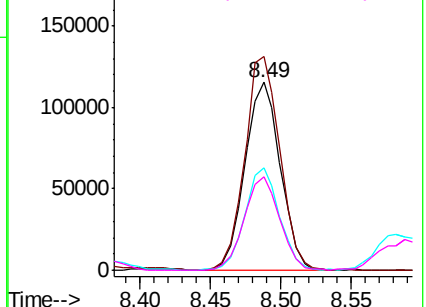
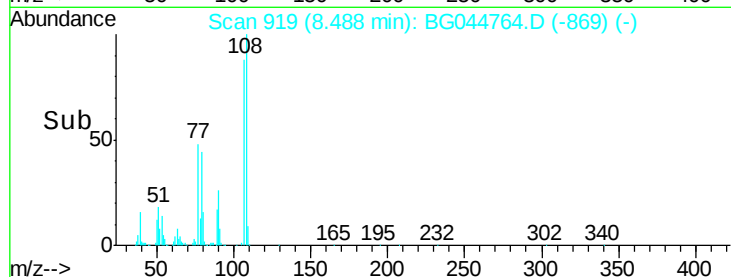


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.416 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

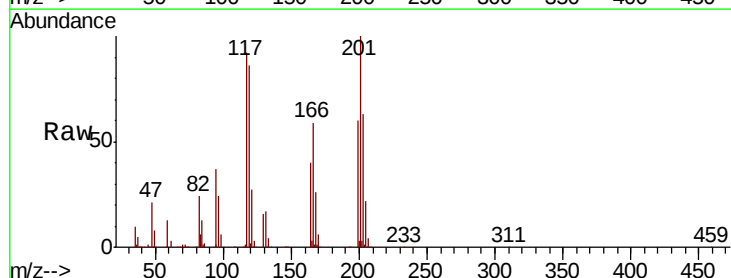
Tgt Ion:117 Resp: 103576

Ion Ratio Lower Upper

117 100

119 92.5 80.2 120.4

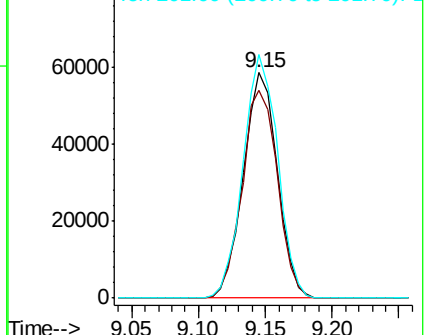
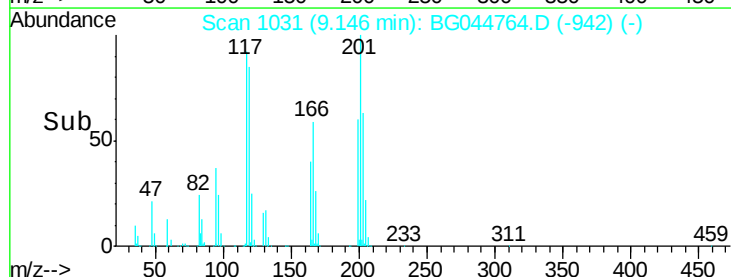
201 108.1 83.4 125.2

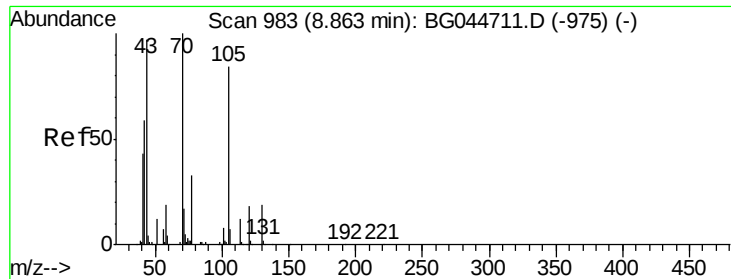


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

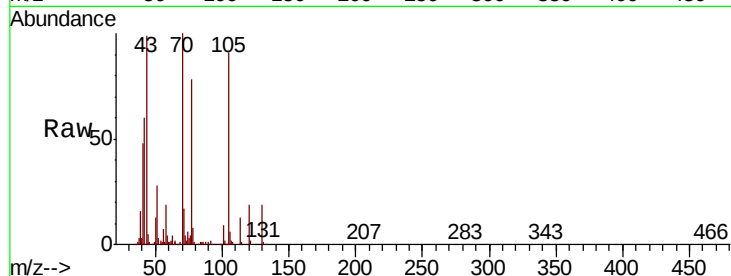




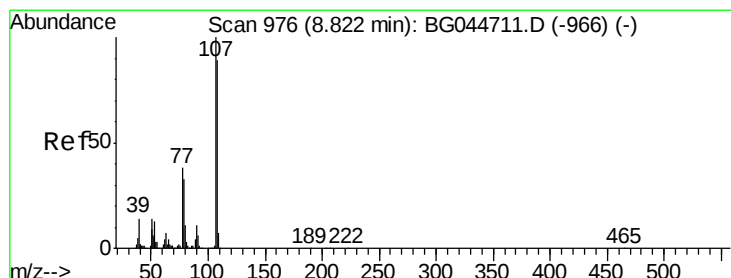
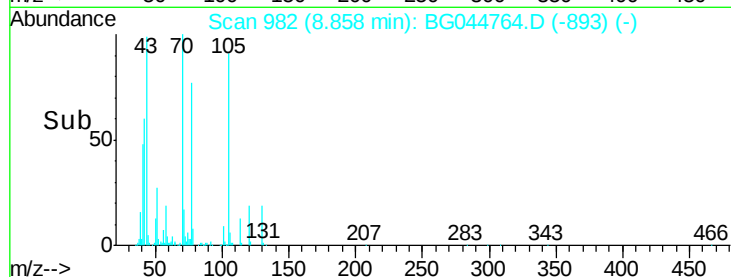
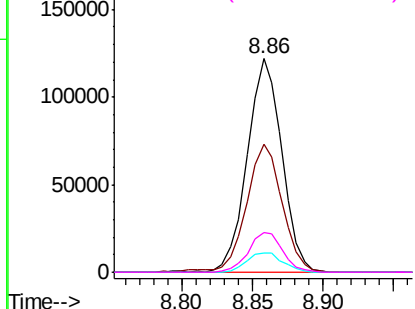
#19
n-Nitroso-di-n-propylamine
Concen: 35.305 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	209489
Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.6	71.4
101	8.8	6.5	9.7
130	18.5	15.0	22.4

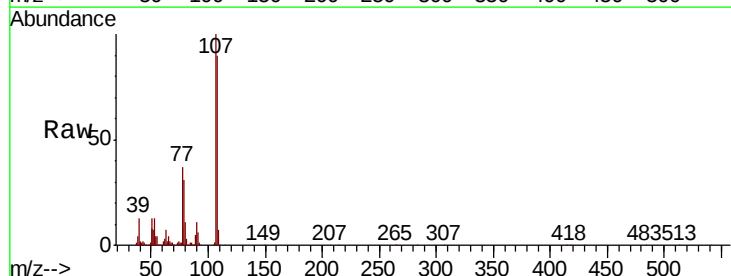


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

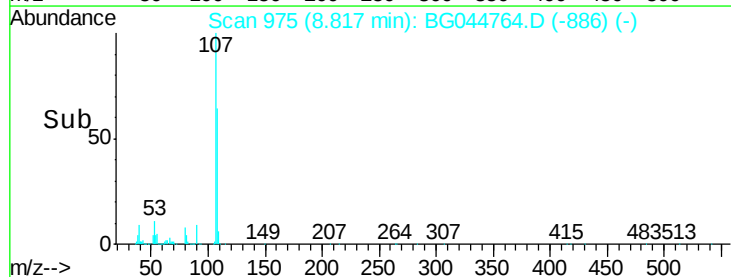
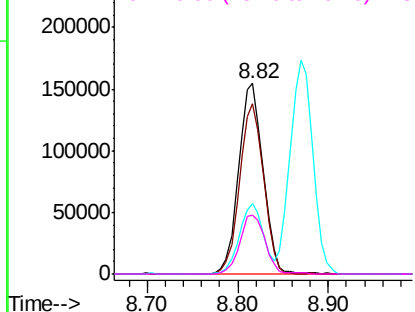


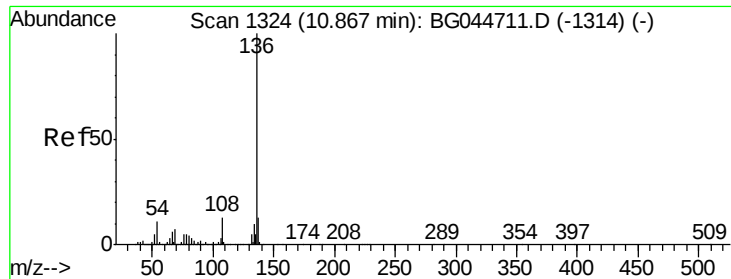
#20
3+4-Methylphenols
Concen: 37.415 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt Ion:	107	Resp:	290663
Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.1	109.1
77	37.1	17.7	57.7
79	30.7	13.0	53.0



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

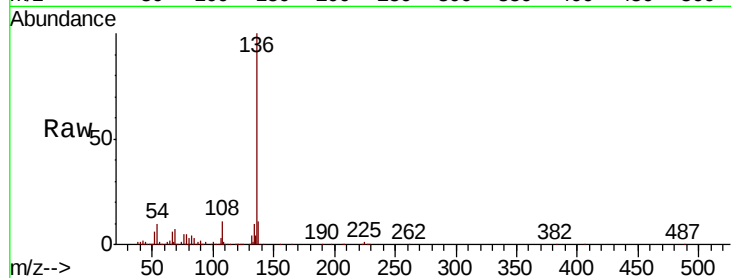




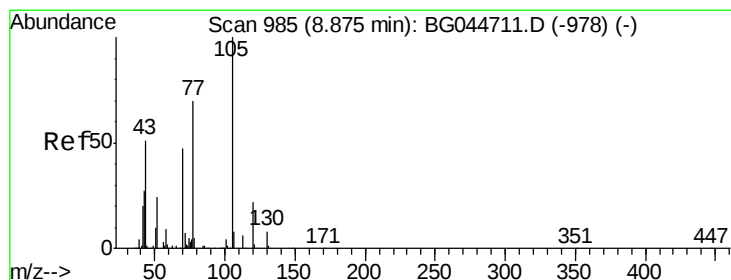
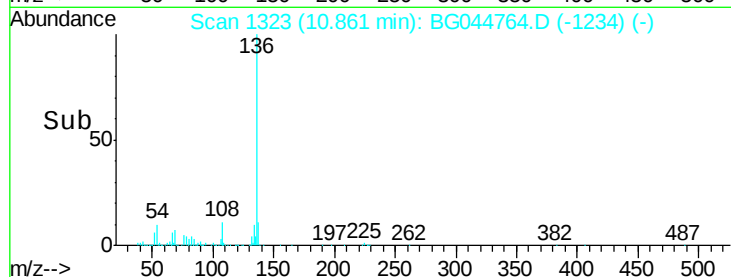
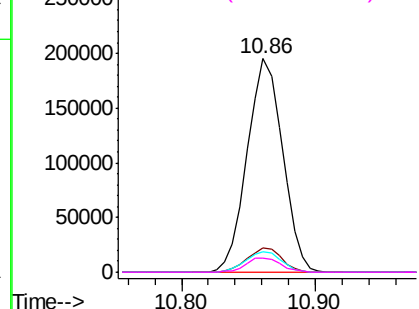
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	357260	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	10.7	16.1	
54 9.6	9.0	13.4	
68 6.7	5.9	8.9	

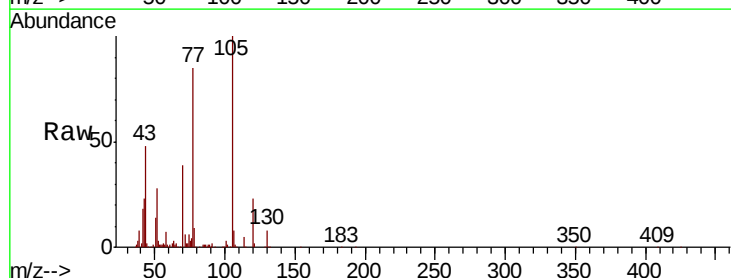


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

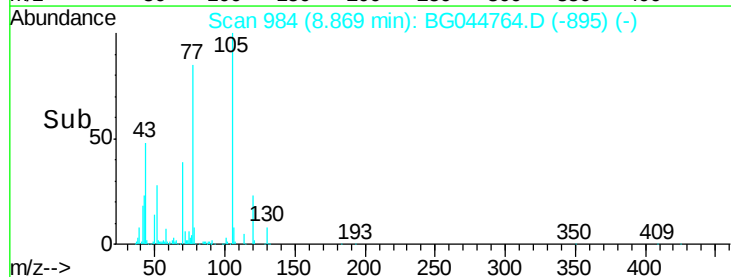
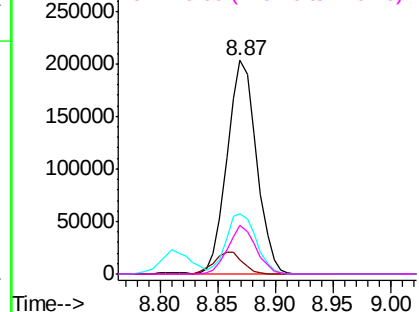


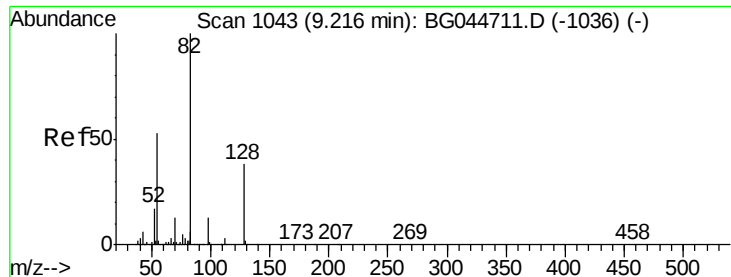
#22
Acetophenone
Concen: 35.359 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt	Ion:105	Resp:	357878
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.8	8.8
51	28.1	23.8	35.8
120	22.8	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

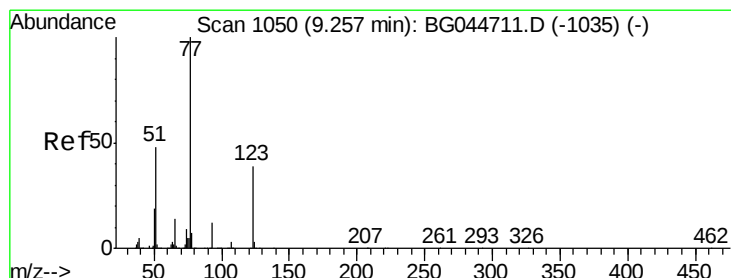
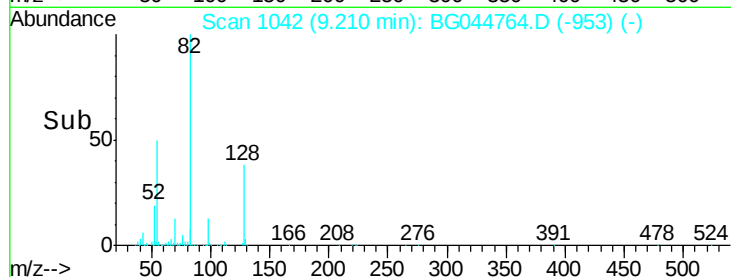
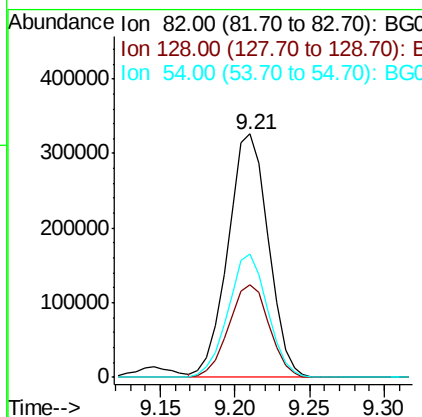
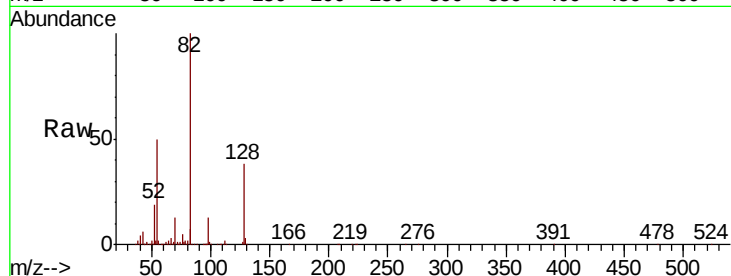




#23
 Nitrobenzene-d5
 Concen: 75.582 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

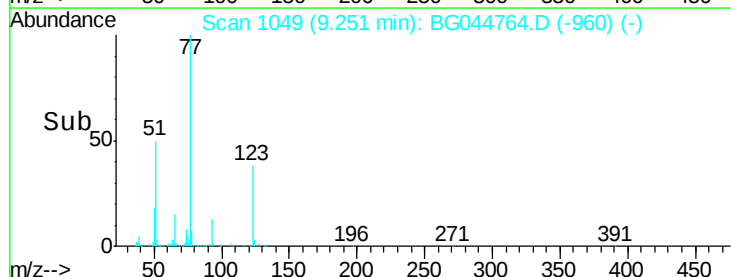
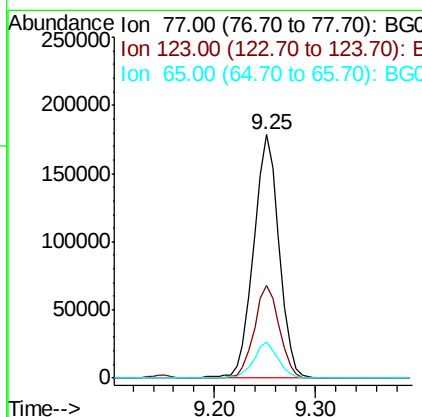
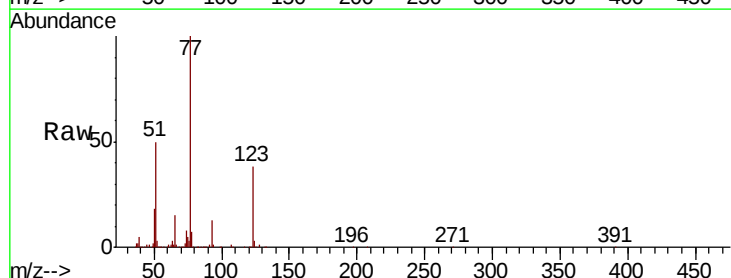
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	615347
Ion Ratio	Lower	Upper	
82	100		
128	37.9	30.2	45.2
54	50.4	41.8	62.8



#24
 Nitrobenzene
 Concen: 36.637 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Tgt Ion	77	Resp	309501
Ion Ratio	Lower	Upper	
77	100		
123	37.9	31.5	47.3
65	15.0	11.0	16.4





#25

Isophorone

Concen: 35.259 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

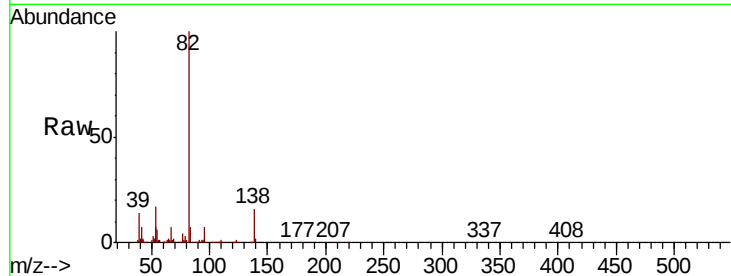
Tot Ion: 82 Resp: 560255

Ion Ratio Lower Upper

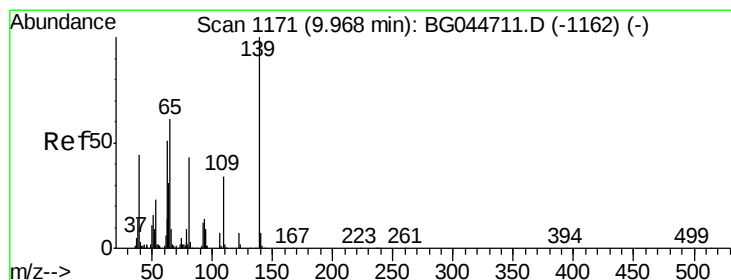
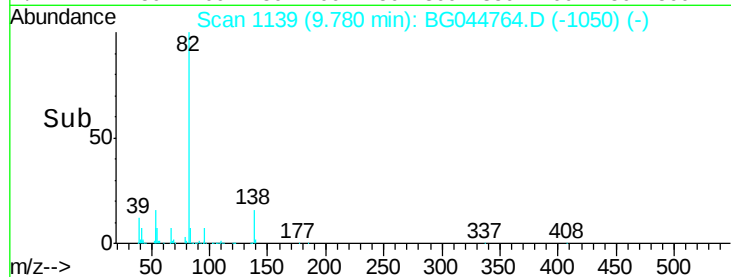
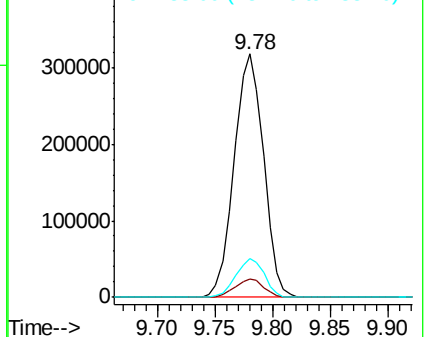
82 100

95 7.5 5.6 8.4

138 15.8 13.0 19.4



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



#26

2-Nitrophenol

Concen: 41.239 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

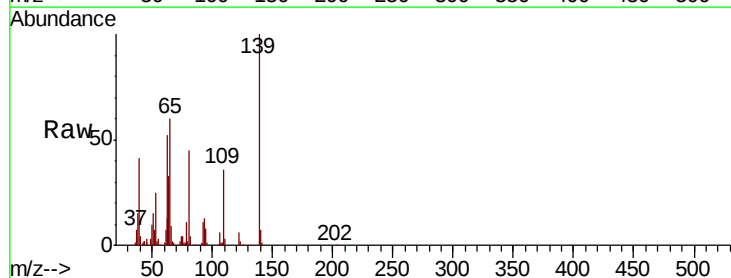
Tgt Ion: 139 Resp: 118372

Ion Ratio Lower Upper

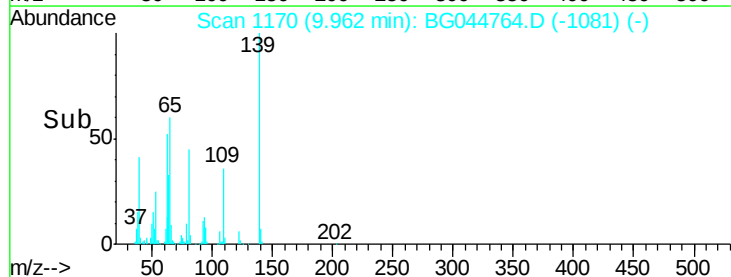
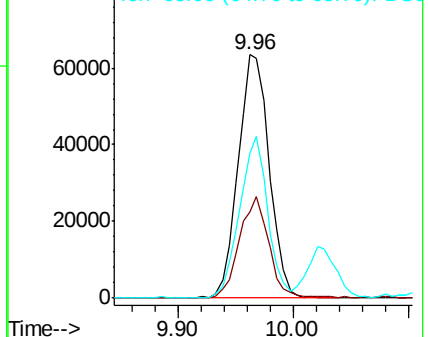
139 100

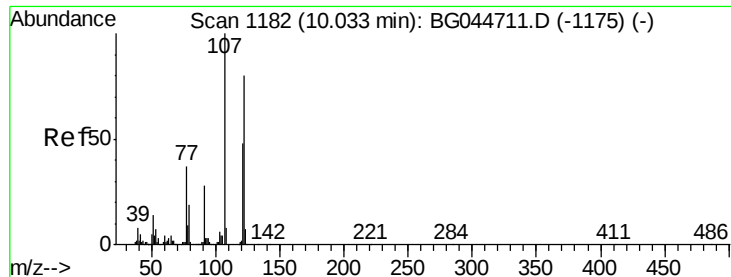
109 35.6 27.0 40.4

65 59.8 48.6 73.0



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

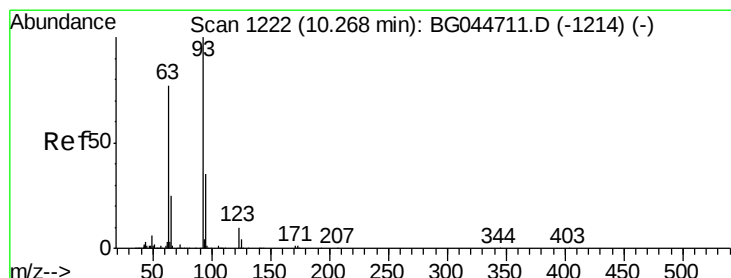
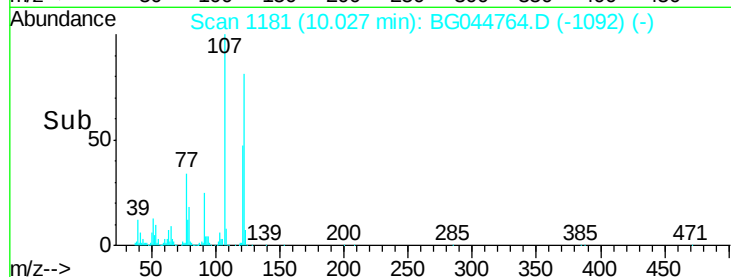
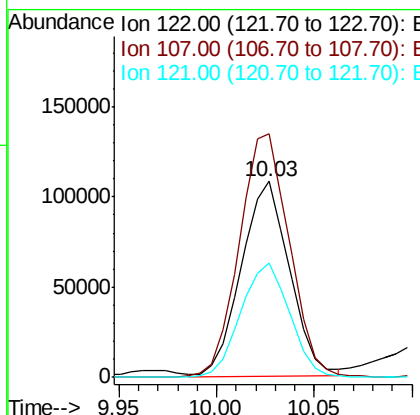
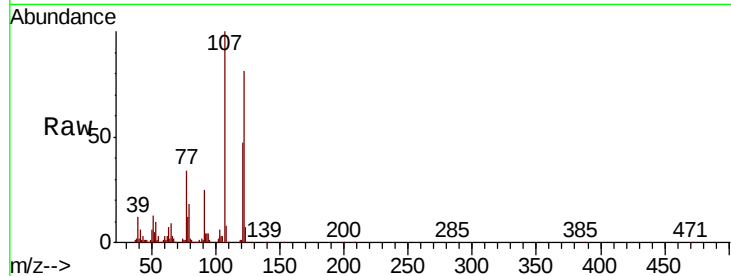




#27
 2,4-Dimethylphenol
 Concen: 35.987 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

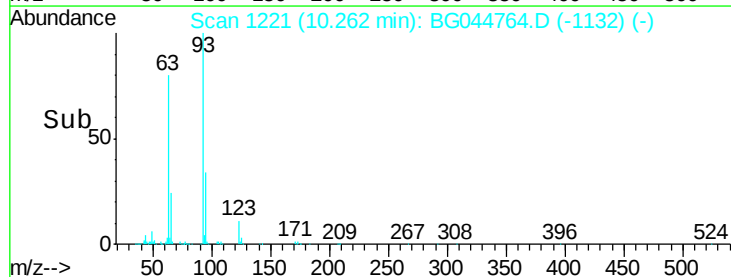
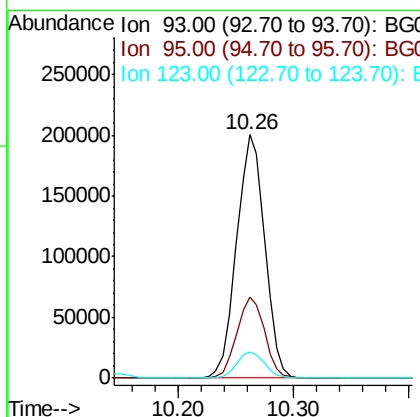
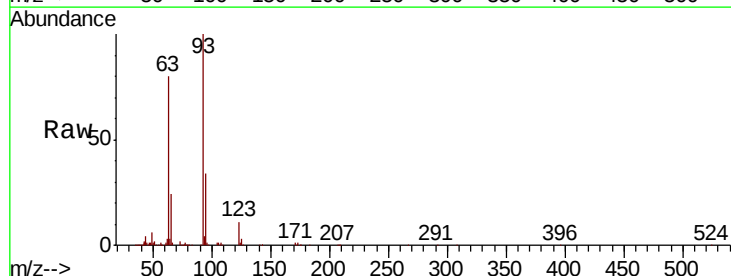
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	99.0	148.6
121	58.5	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.610 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	27.7	41.5
123	10.8	8.1	12.1

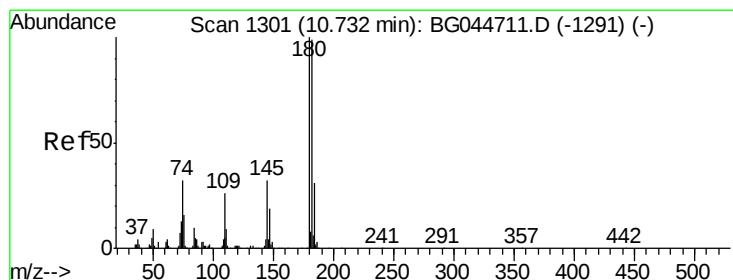
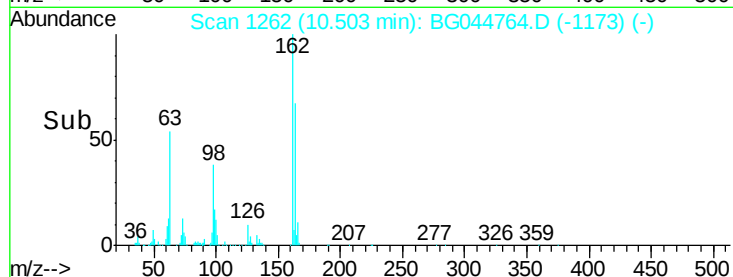
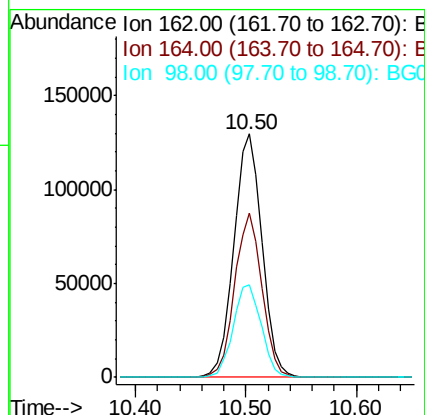
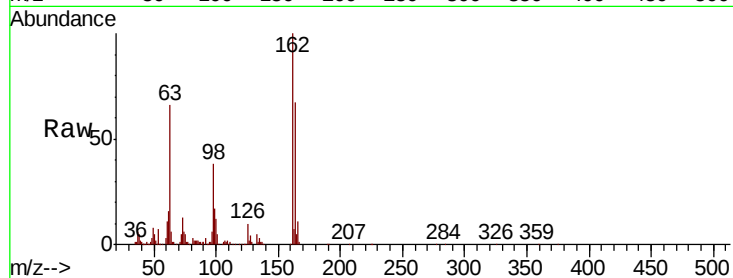




#29
 2,4-Dichlorophenol
 Concen: 38.455 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

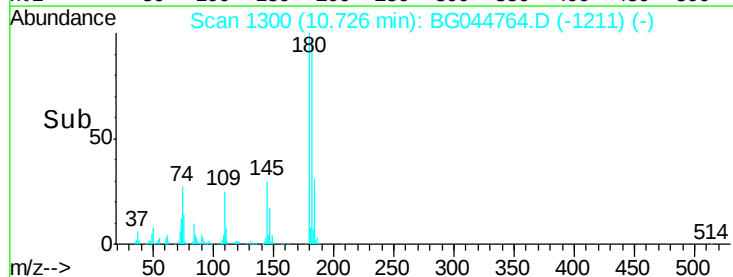
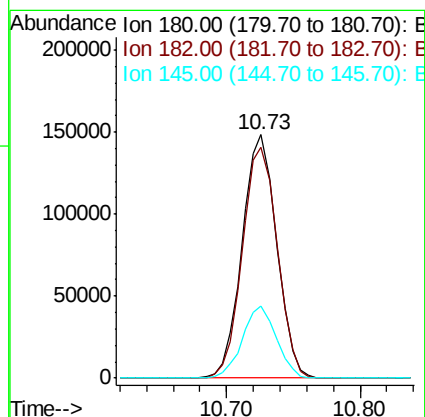
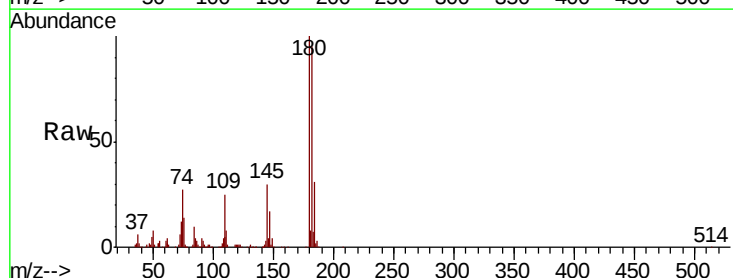
Instrument :
 BNA_G
 ClientSampleId :

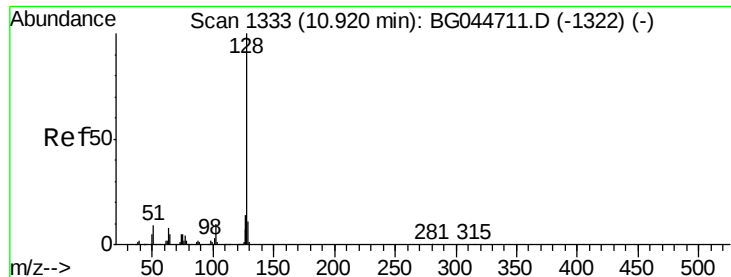
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	46.5	86.5
98	38.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.531 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.8	118.2
145	29.5	25.4	38.0

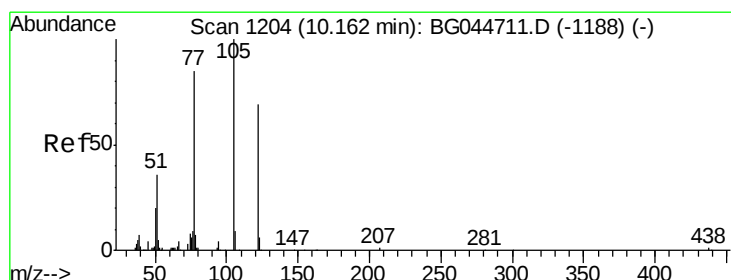
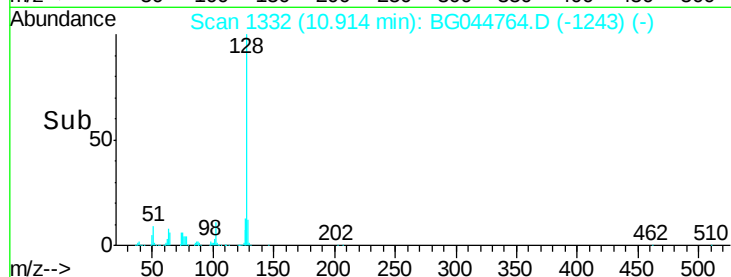
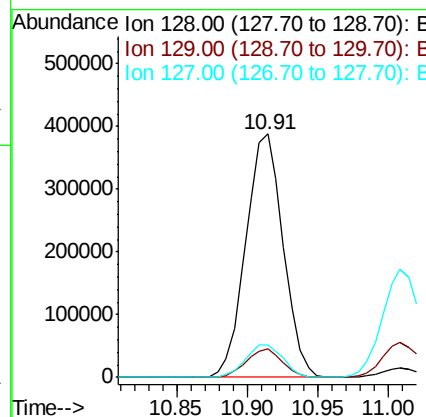
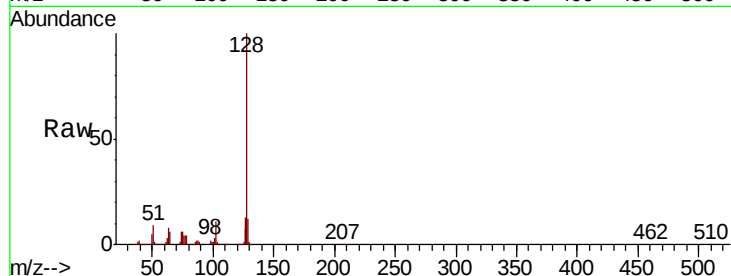




#31
Naphthalene
Concen: 36.346 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

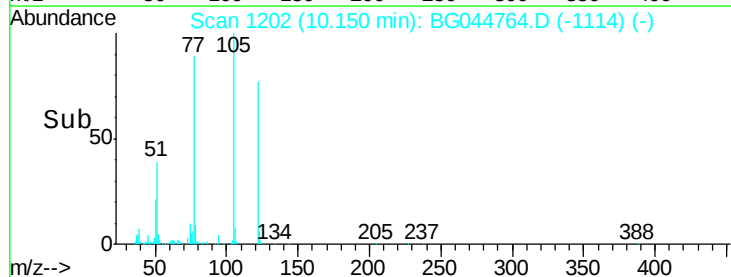
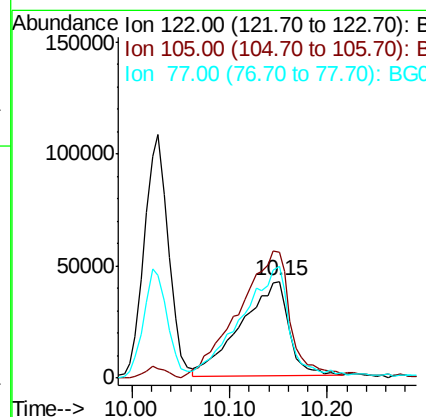
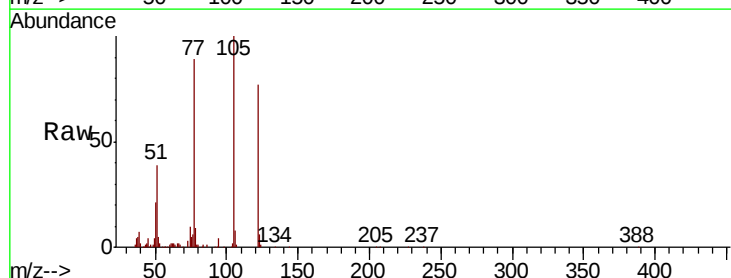
Instrument :
BNA_G
ClientSampleId :

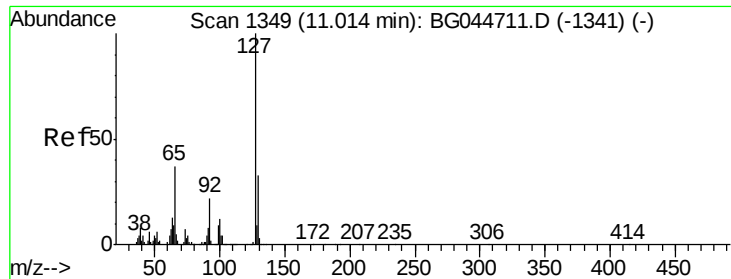
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.4	11.0	16.6



#32
Benzoic acid
Concen: 38.463 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	119.0	159.0
77	115.4	96.4	136.4

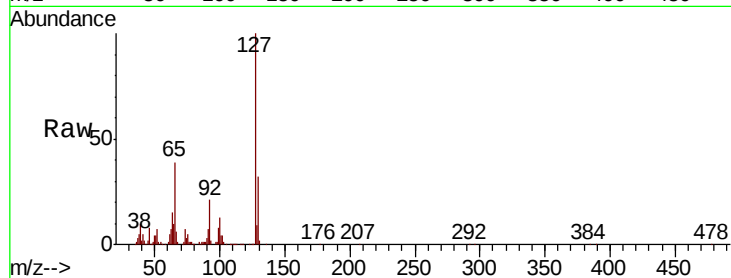




#33
4-Chloroaniline
Concen: 35.899 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	38.6	29.6	44.4
92	20.9	17.4	26.0



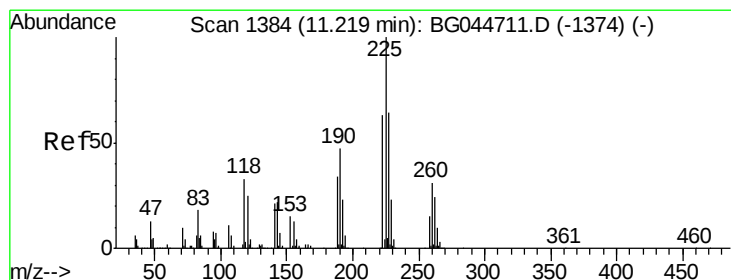
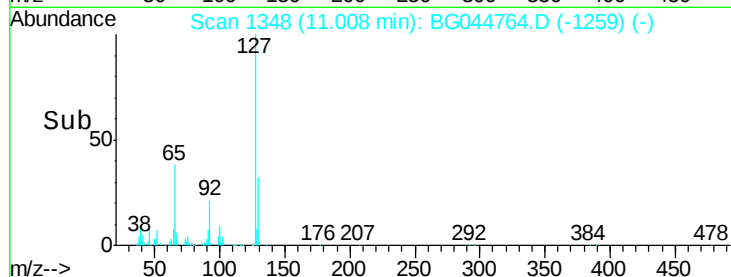
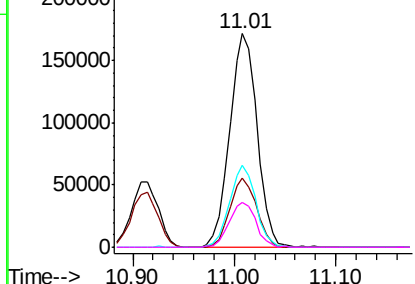
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

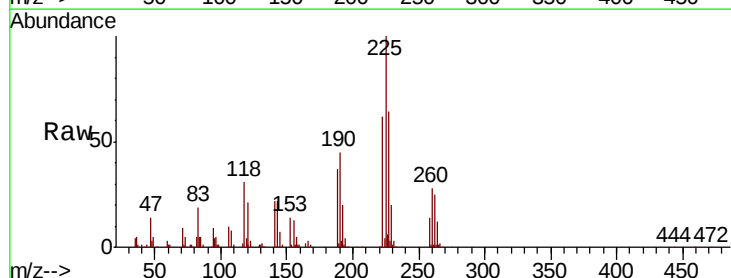
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.935 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	64.2	51.6	77.4

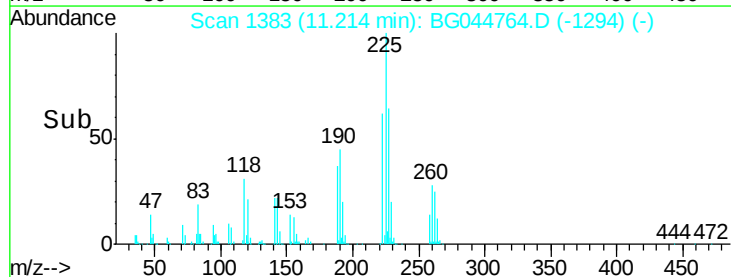
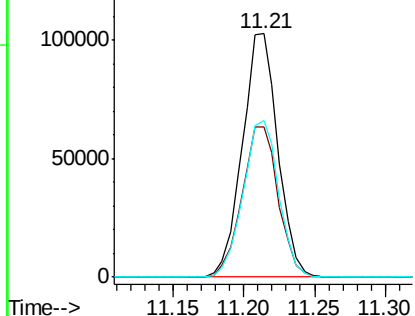


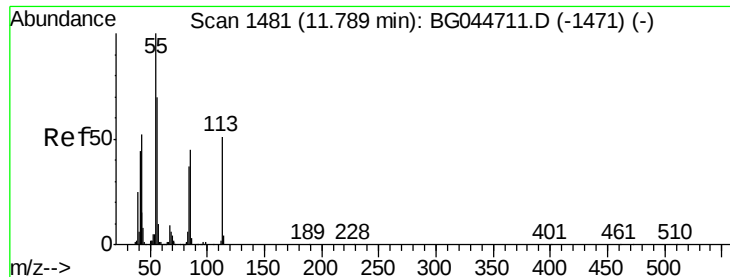
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

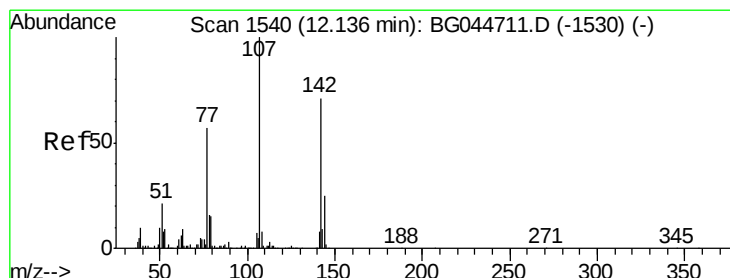
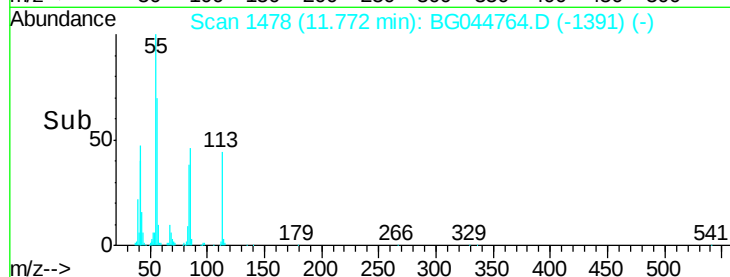
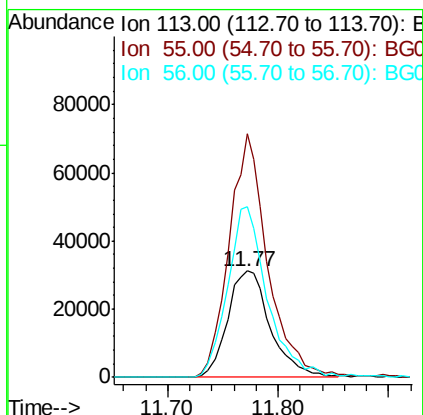
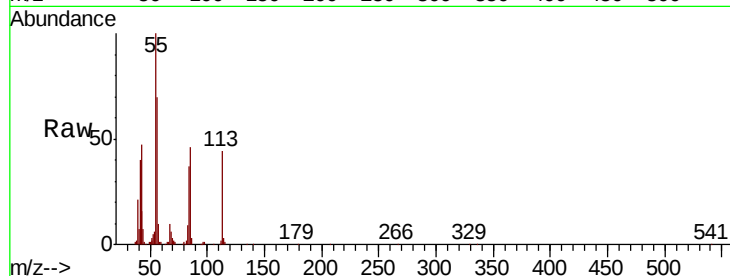




#35
 Caprolactam
 Concen: 36.862 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. -0.02 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

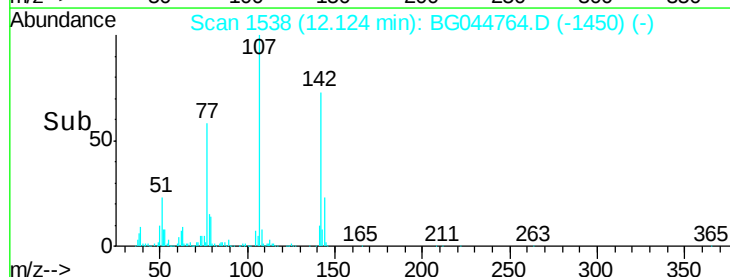
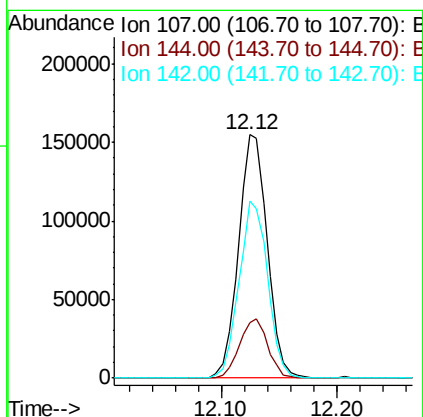
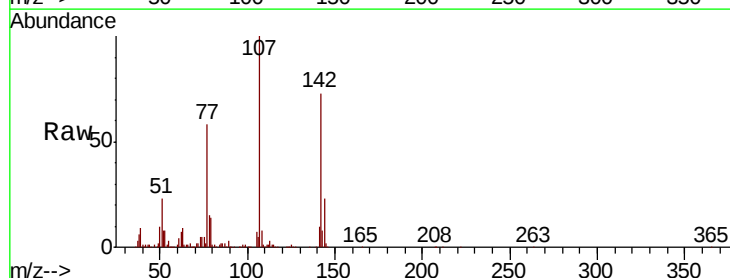
Instrument :
 BNA_G
 ClientSampleId :

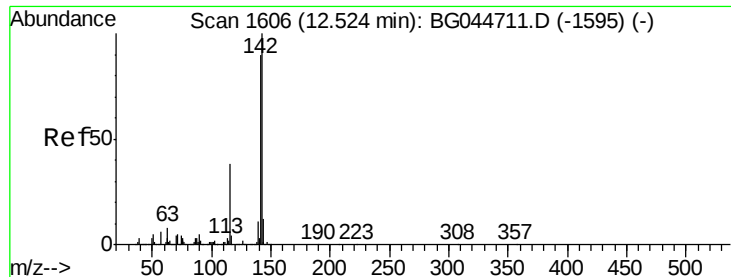
Tot Ion:113 Resp: 84352
 Ion Ratio Lower Upper
 113 100
 55 228.6 178.4 218.4#
 56 160.4 117.7 157.7#



#36
 4-Chloro-3-methylphenol
 Concen: 36.921 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Tgt Ion:107 Resp: 266142
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.6 29.4
 142 72.5 56.5 84.7

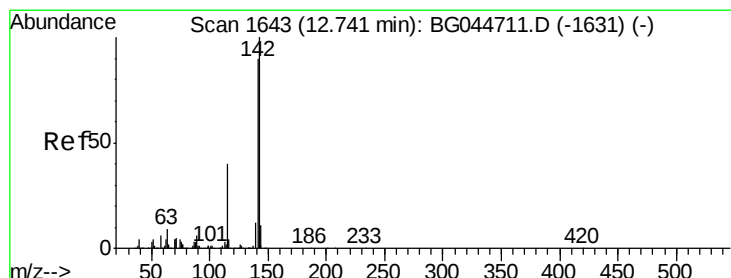
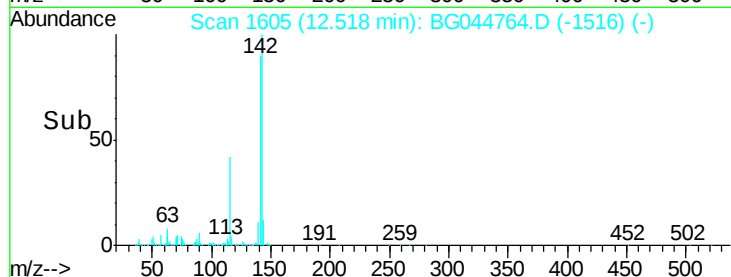
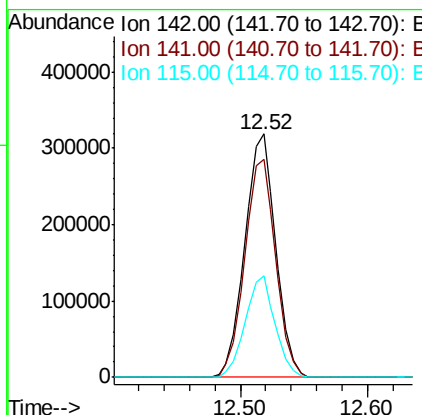
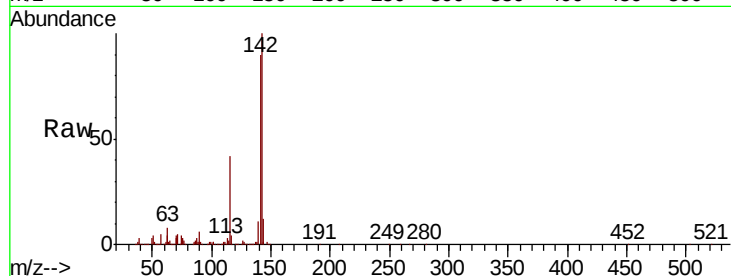




#37
2-Methylnaphthalene
Concen: 36.402 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

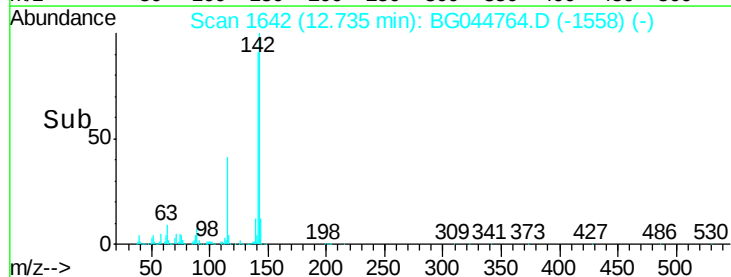
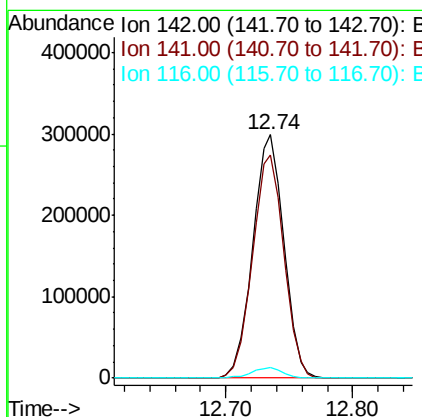
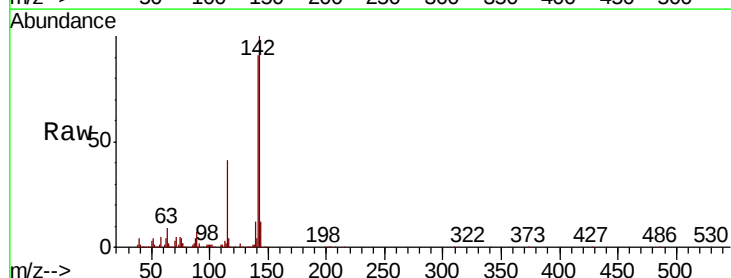
Instrument :
BNA_G
ClientSampleId :

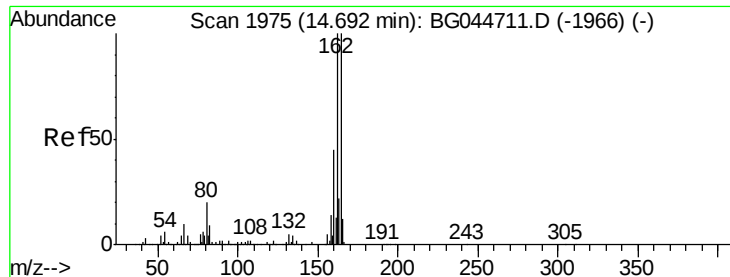
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5
115	41.7	30.6	45.8



#38
1-Methylnaphthalene
Concen: 36.634 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.2	108.2
116	4.2	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

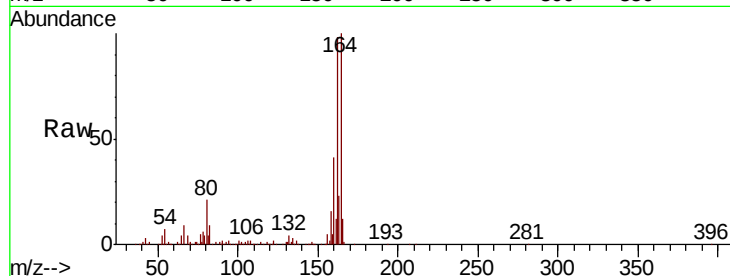
Tot Ion:164 Resp: 249142

Ion Ratio Lower Upper

164 100

162 98.4 80.2 120.4

160 41.2 36.2 54.2

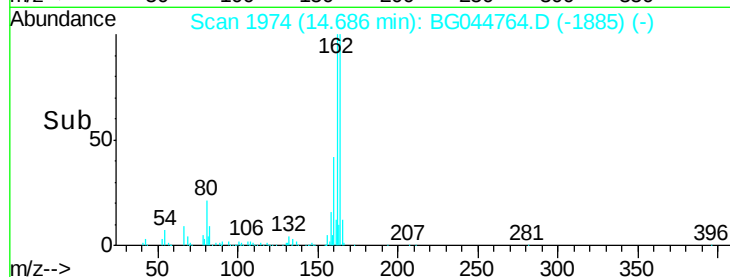


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

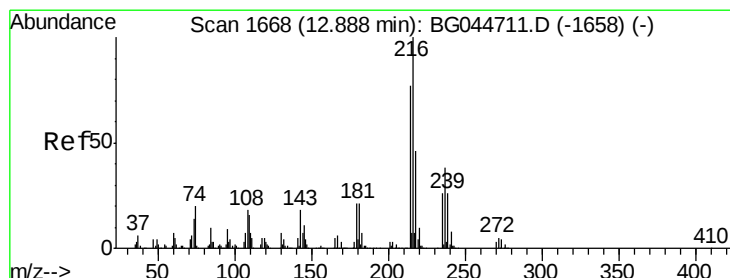
Ion 160.00 (159.70 to 160.70): E

Time--> 14.60 14.65 14.70 14.75



Abundance

Time--> 14.60 14.65 14.70 14.75



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.957 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Tgt Ion:216 Resp: 295027

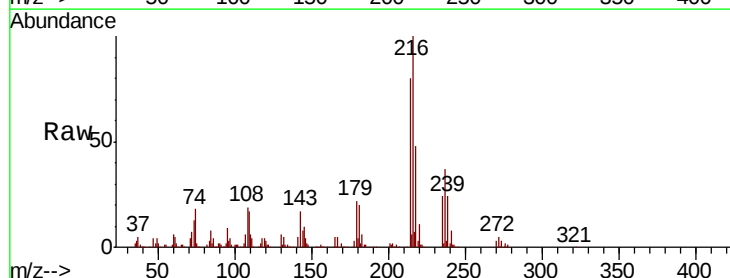
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 21.0 16.6 24.8

108 19.1 15.6 23.4



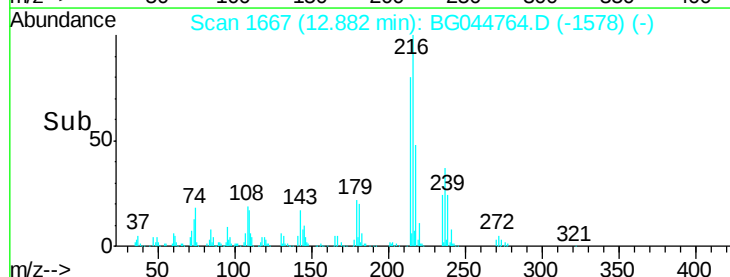
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

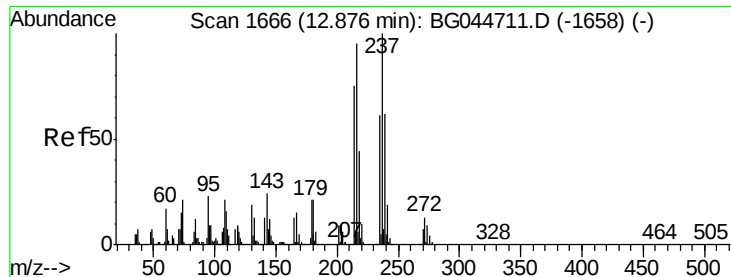
Ion 108.00 (107.70 to 108.70): E

Time--> 12.80 12.85 12.90 12.95



Abundance

Time--> 12.80 12.85 12.90 12.95



#41

Hexachlorocyclopentadiene

Concen: 36.664 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampled :

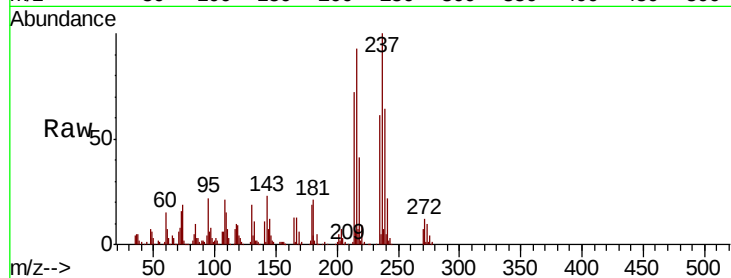
Tot Ion:237 Resp: 164406

Ion Ratio Lower Upper

237 100

235 61.2 40.6 80.6

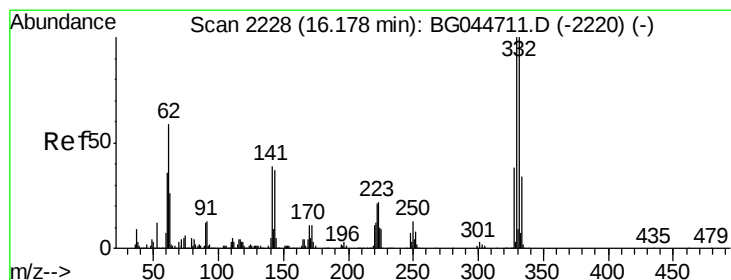
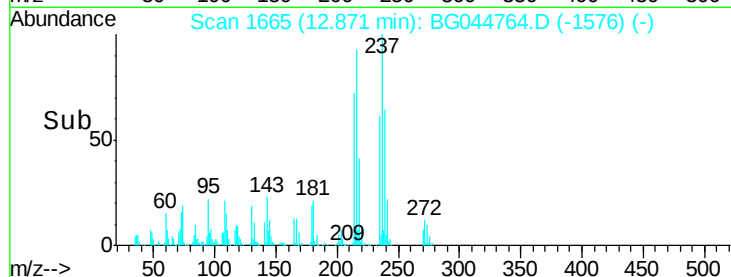
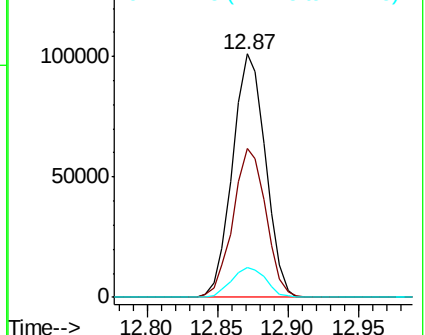
272 12.2 0.0 32.5



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: 79.172 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

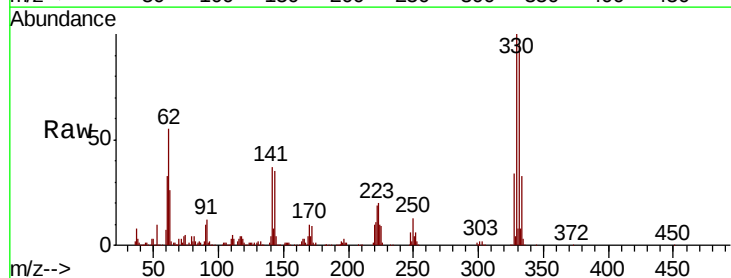
Tgt Ion:330 Resp: 258269

Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

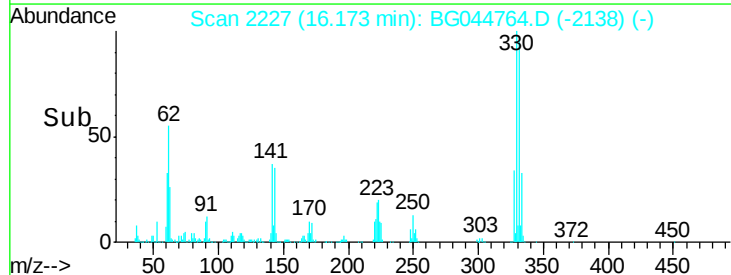
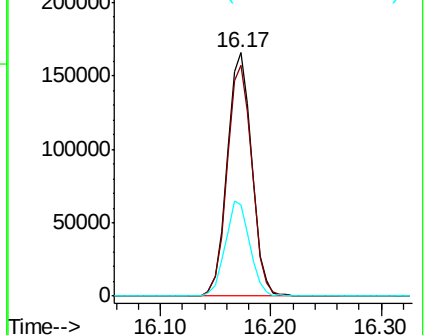
141 38.9 31.7 47.5

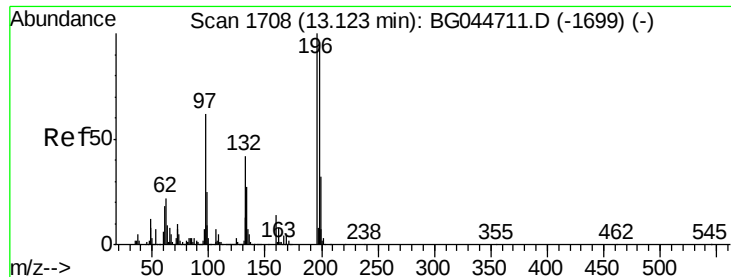


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

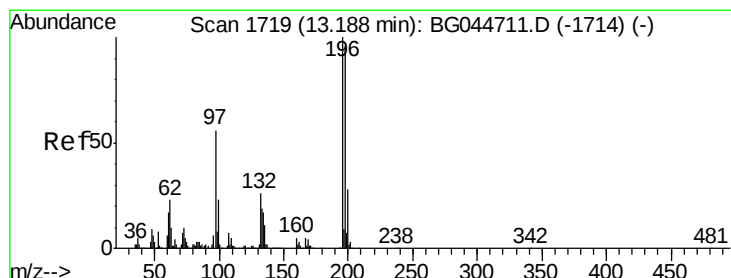
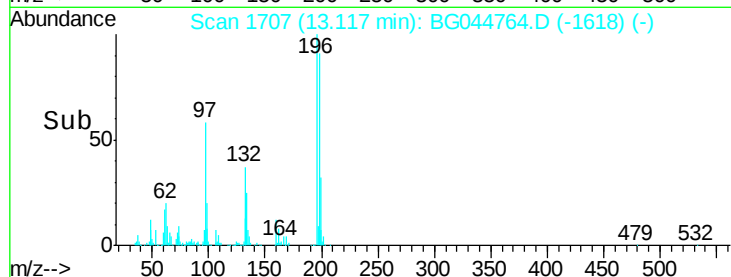
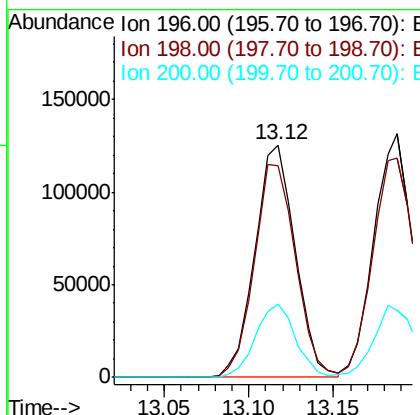
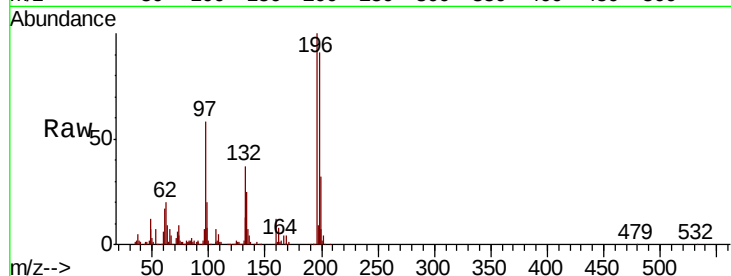




#43
 2,4,6-Trichlorophenol
 Concen: 38.084 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

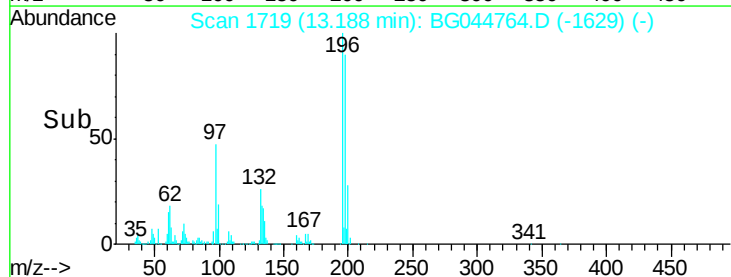
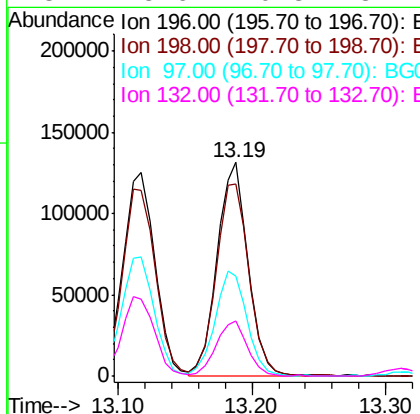
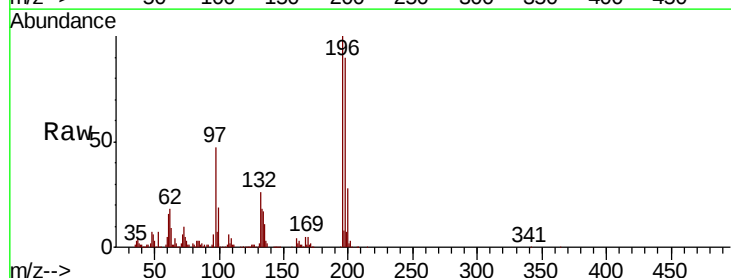
Instrument :
 BNA_G
 ClientSampleId :

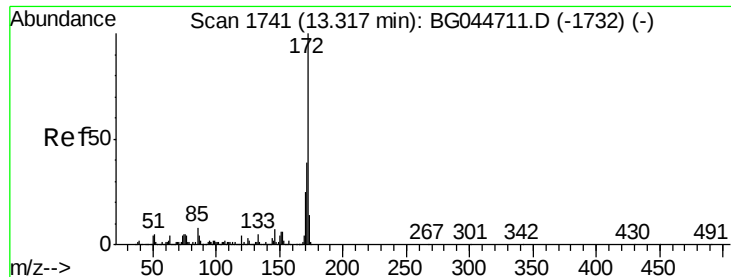
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.9	76.5	114.7
200	31.5	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 37.763 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.2	77.3	115.9
97	46.7	44.9	67.3
132	25.6	20.8	31.2

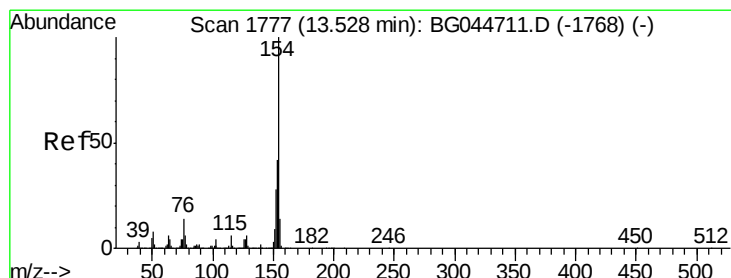
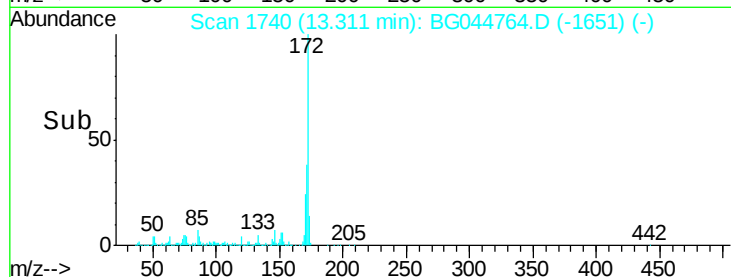
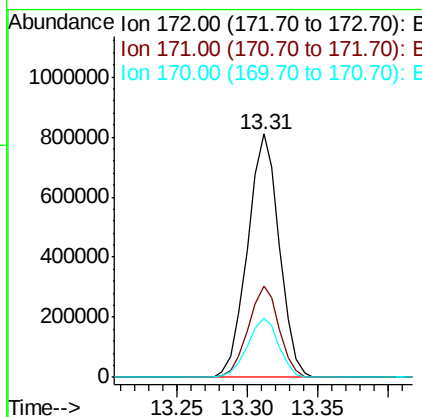
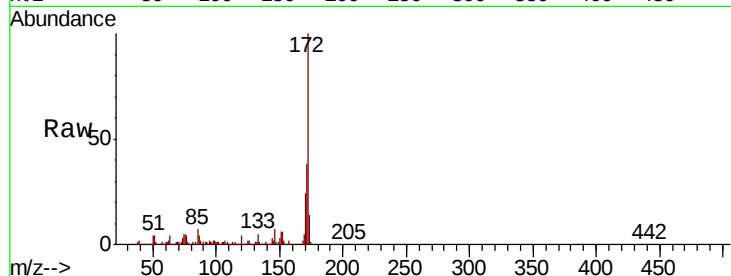




#45
 2-Fluorobiphenyl
 Concen: 73.412 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

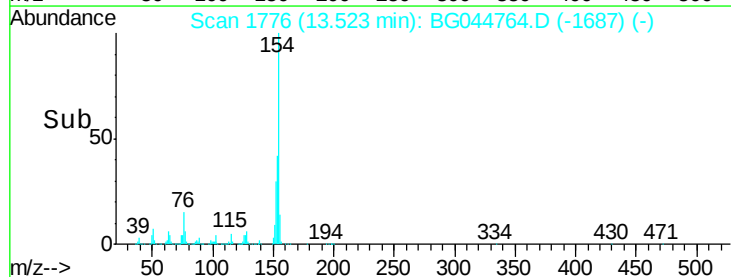
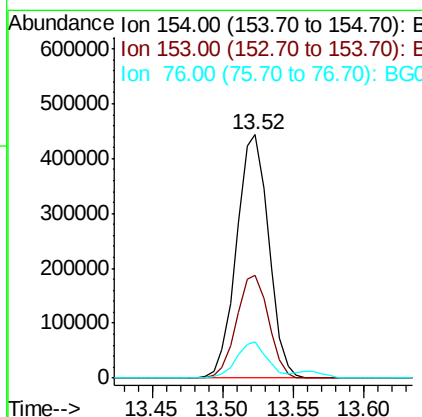
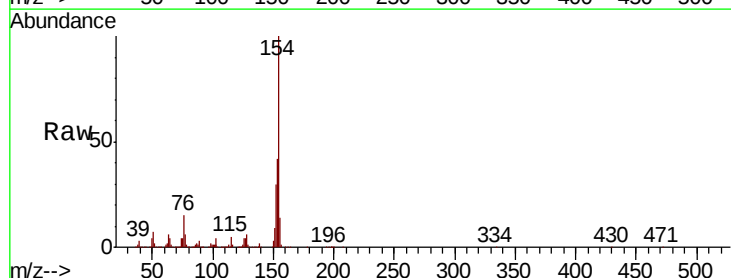
Instrument :
 BNA_G
 ClientSampleId :

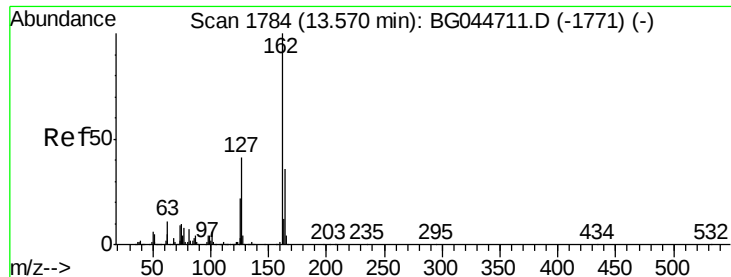
Tot Ion:172 Resp: 1277211
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 24.1 20.0 30.0



#46
 1,1'-Biphenyl
 Concen: 35.392 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Tgt Ion:154 Resp: 704647
 Ion Ratio Lower Upper
 154 100
 153 42.2 22.0 62.0
 76 14.9 0.0 34.2

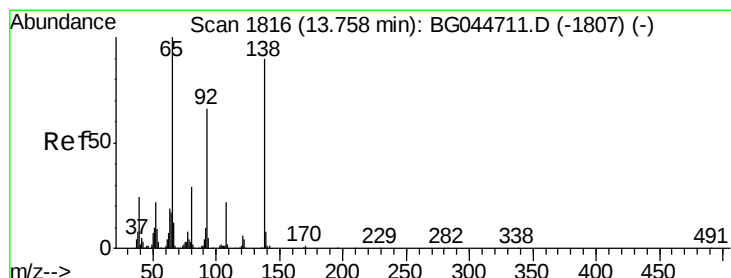
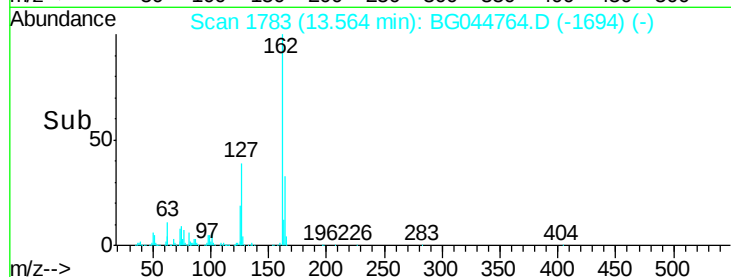
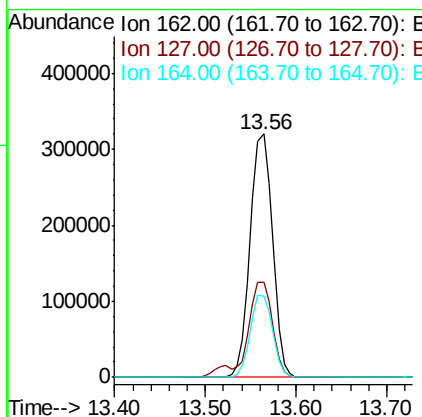
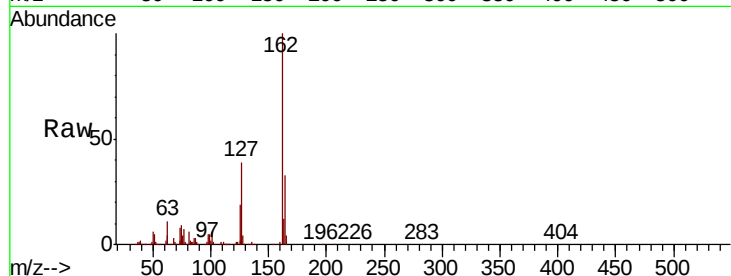




#47
2-Chloronaphthalene
Concen: 36.172 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

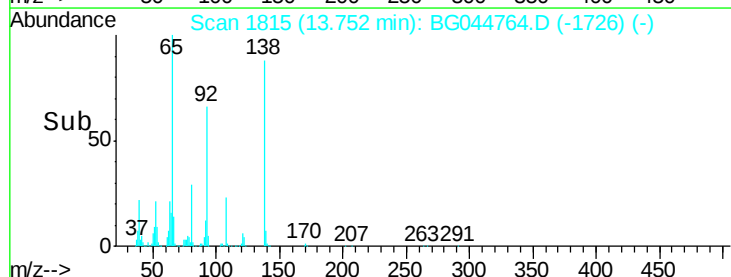
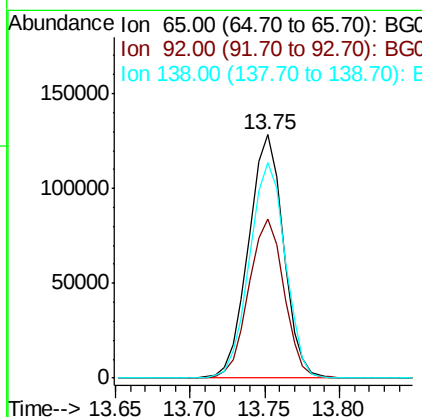
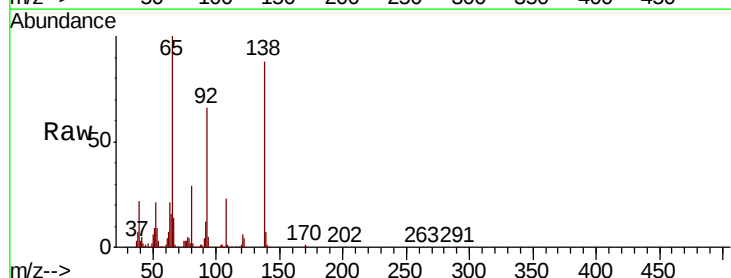
Instrument :
BNA_G
ClientSampleId :

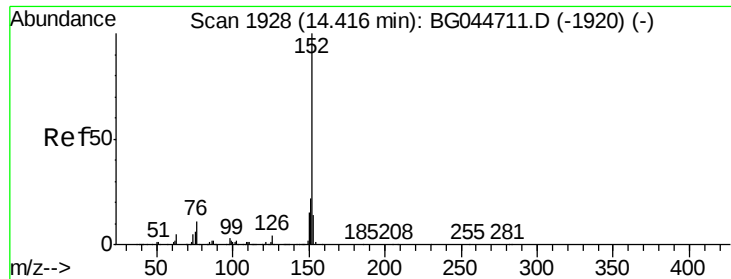
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.6	48.8
164	33.1	29.0	43.4



#48
2-Nitroaniline
Concen: 39.096 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.6	79.0
138	88.3	71.8	107.6





#49

Acenaphthylene

Concen: 35.799 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

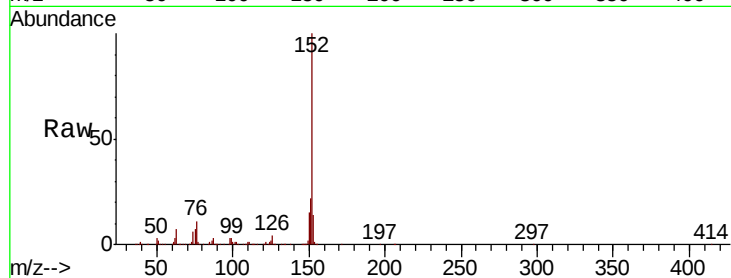
Tot Ion:152 Resp: 852991

Ion Ratio Lower Upper

152 100

151 21.8 17.8 26.8

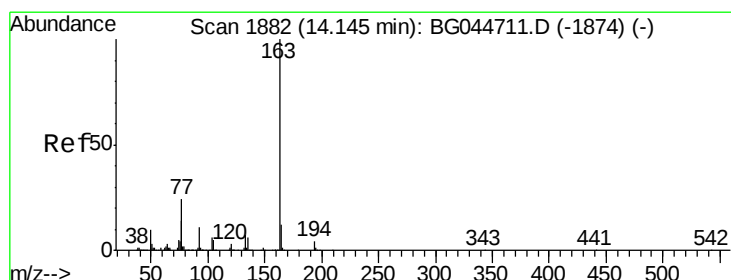
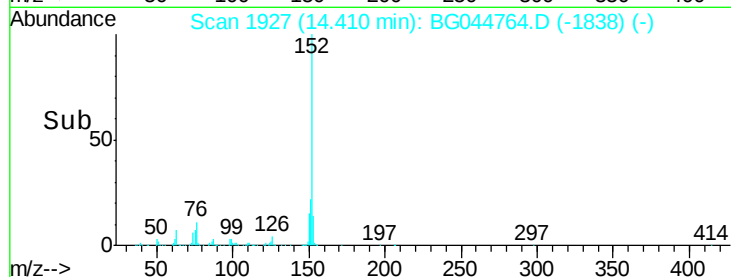
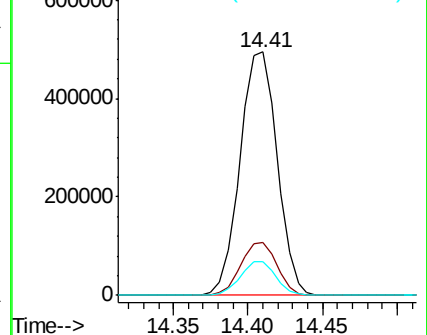
153 13.8 11.4 17.0



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: 36.299 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

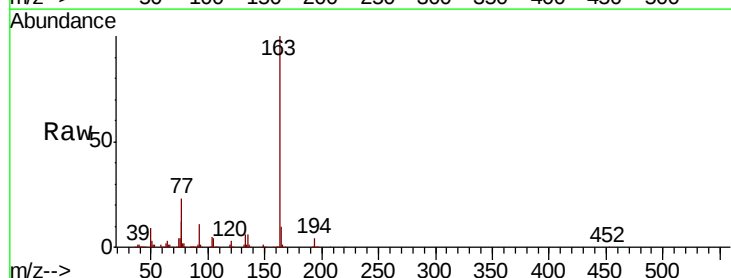
Tgt Ion:163 Resp: 720275

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

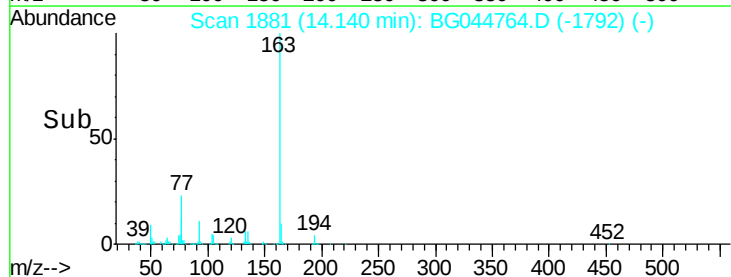
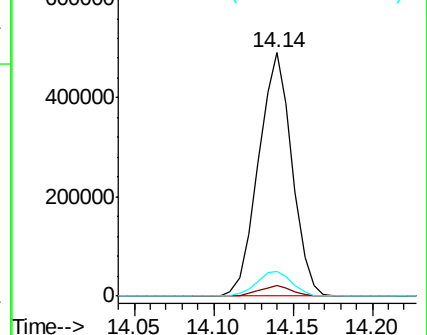
164 10.3 9.2 13.8

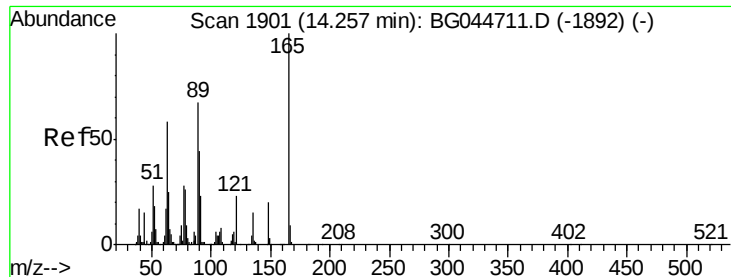


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.859 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampled :

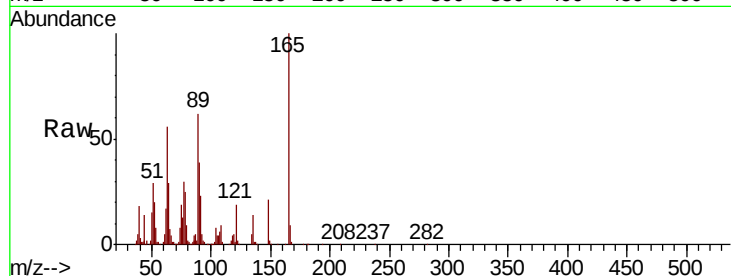
Tot Ion:165 Resp: 155427

Ion Ratio Lower Upper

165 100

63 56.4 48.9 73.3

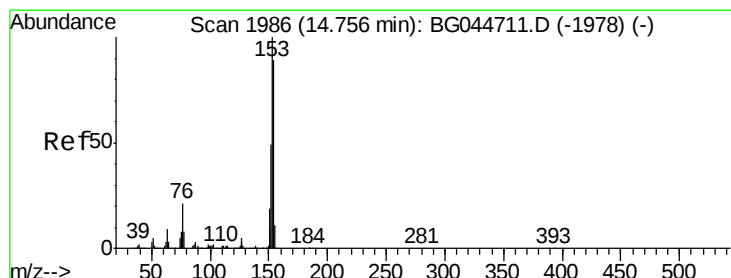
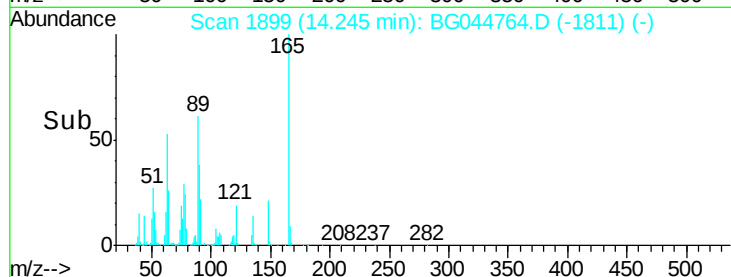
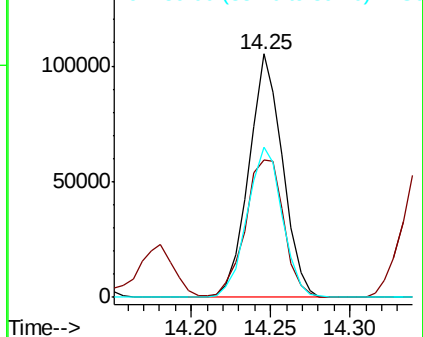
89 61.7 53.8 80.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 36.052 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

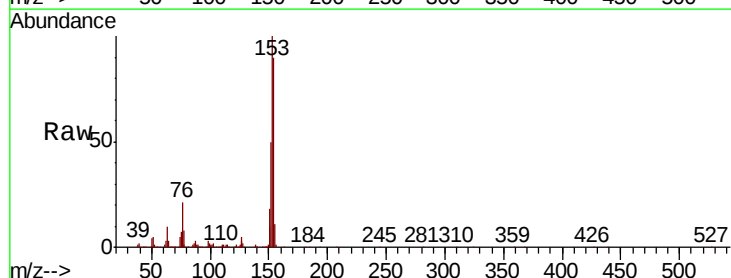
Tgt Ion:154 Resp: 562580

Ion Ratio Lower Upper

154 100

153 111.1 89.8 134.8

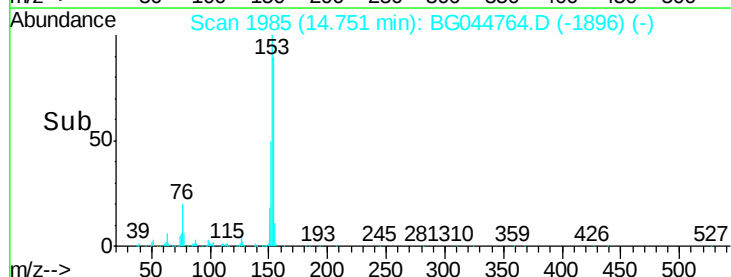
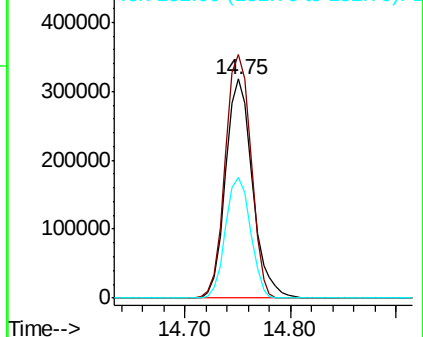
152 55.1 44.4 66.6

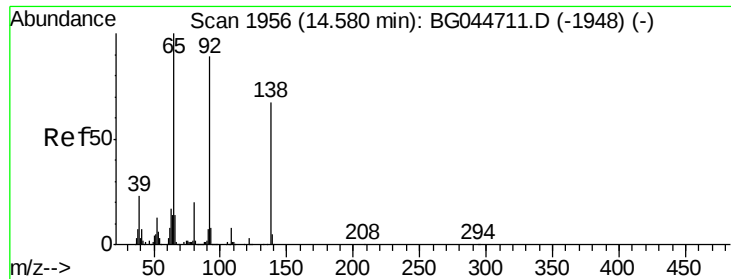


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.897 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

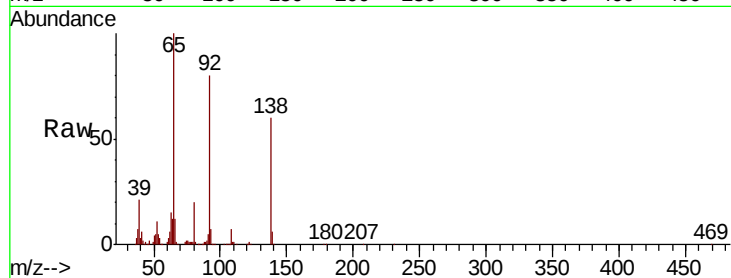
Tot Ion:138 Resp: 174267

Ion Ratio Lower Upper

138 100

108 12.0 9.2 13.8

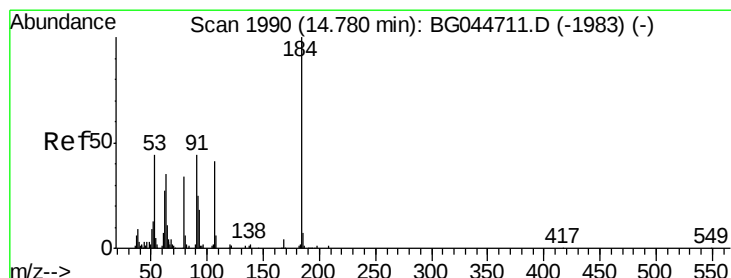
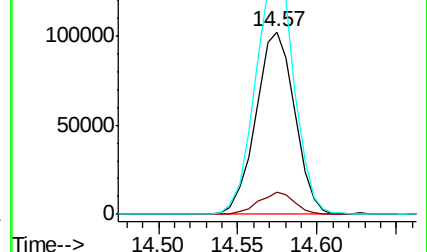
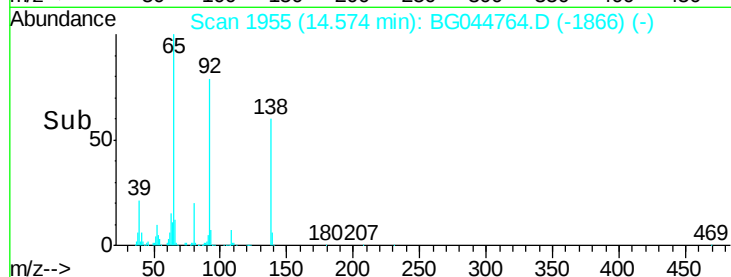
92 133.4 105.6 158.4



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: 37.342 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

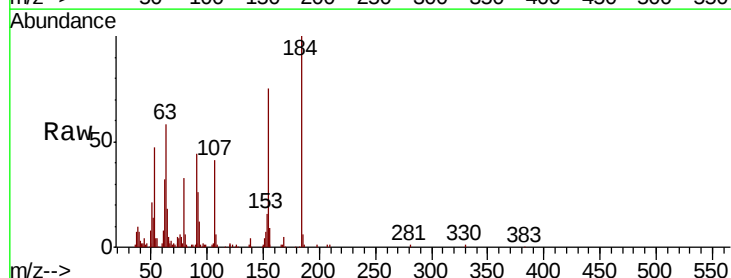
Tgt Ion:184 Resp: 67696

Ion Ratio Lower Upper

184 100

63 57.7 49.0 73.6

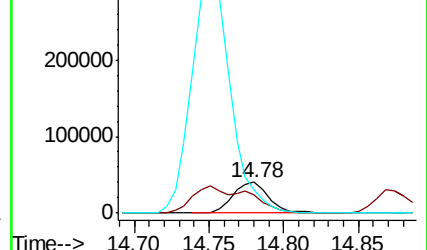
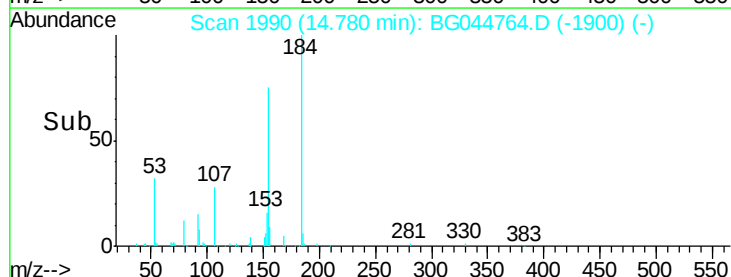
154 74.8 94.5 141.7#

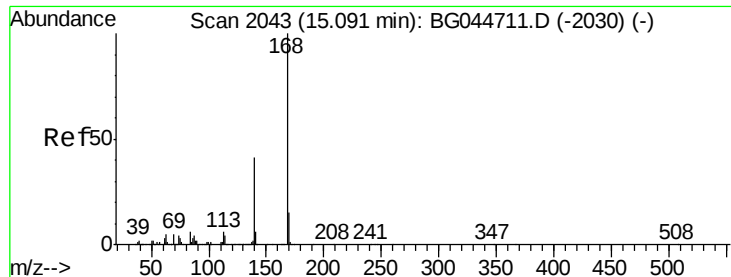


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 36.293 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

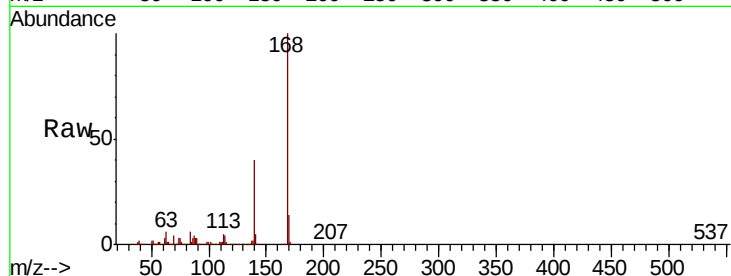
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 821276

Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.6	49.0
169	13.8	11.8	17.6

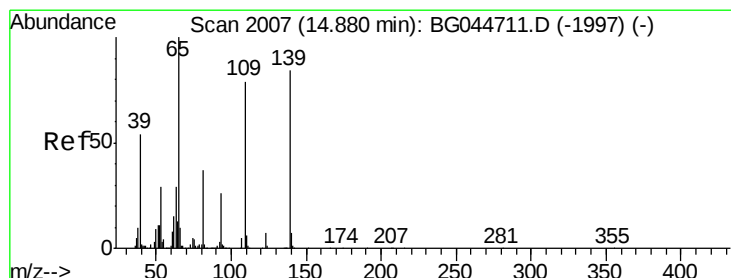
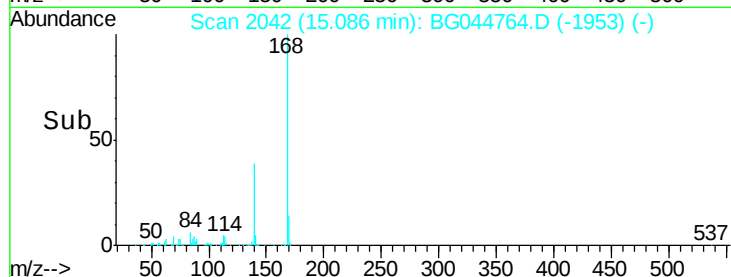
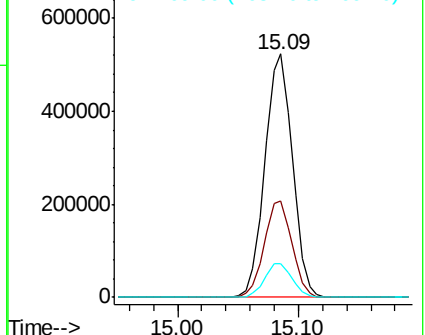


Abundance

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: 37.724 ng

RT: 14.87 min Scan# 2006

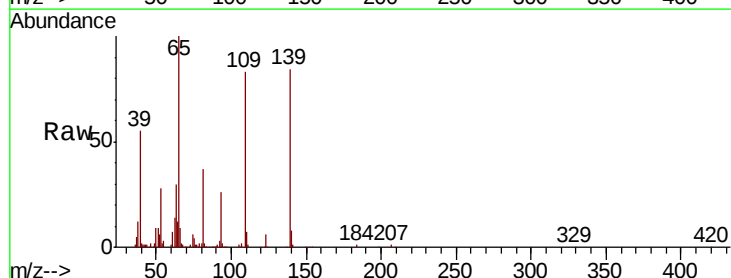
Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Tgt Ion:139 Resp: 132393

Ion	Ratio	Lower	Upper
139	100		
109	98.4	74.1	114.1
65	119.0	98.6	138.6

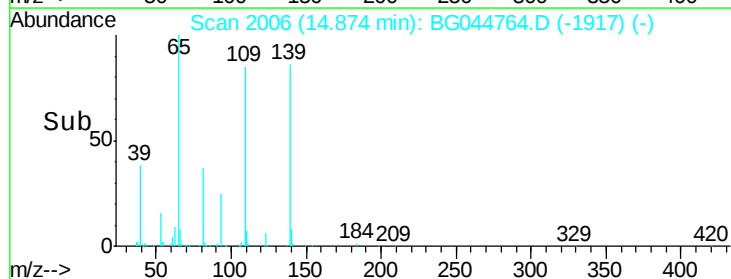
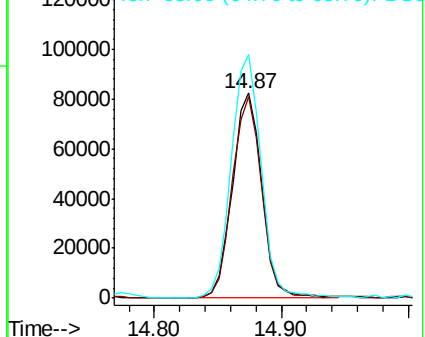


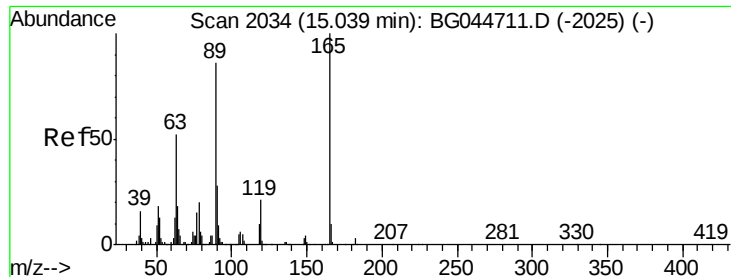
Abundance

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): BGC

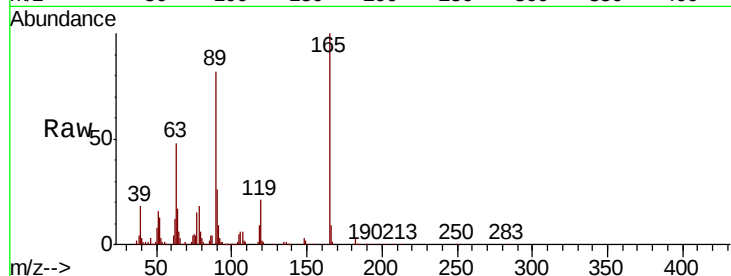




#57
 2,4-Dinitrotoluene
 Concen: 40.223 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	41.5	62.3
89	81.7	69.0	103.4
182	2.8	2.7	4.1



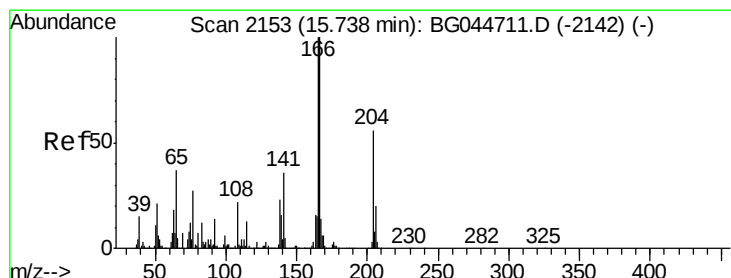
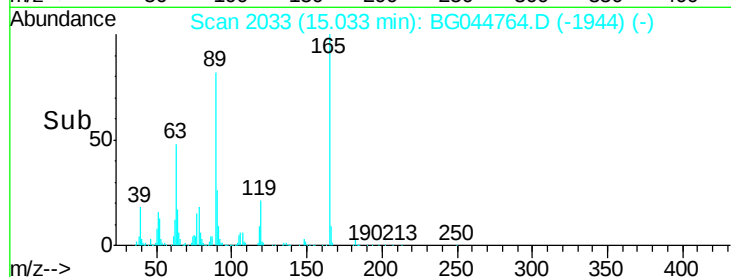
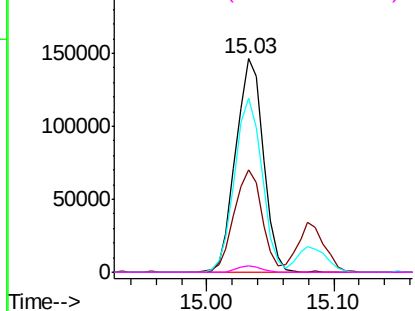
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

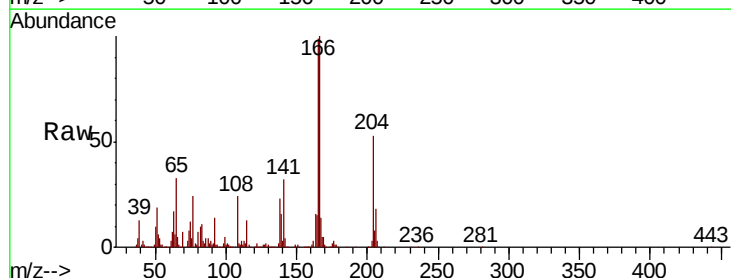
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 36.185 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.6	119.4
167	14.3	11.4	17.2

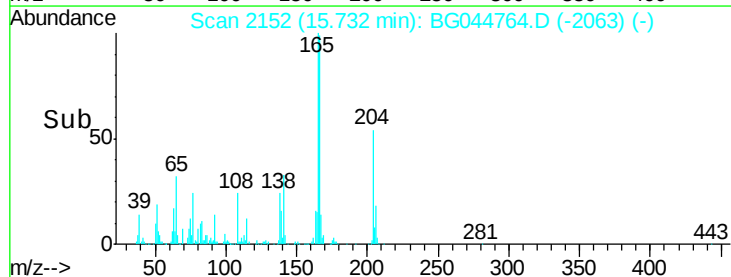
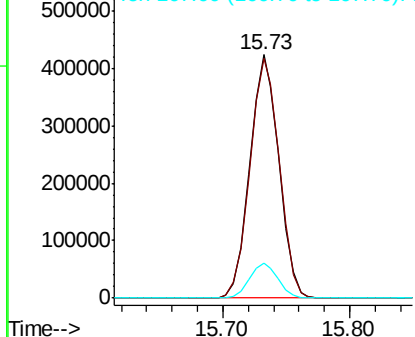


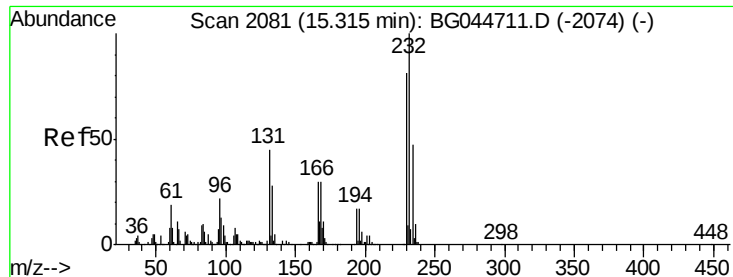
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

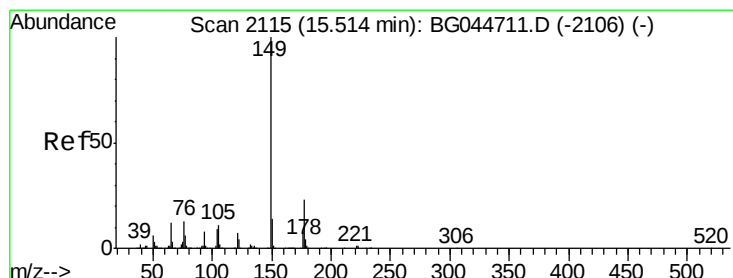
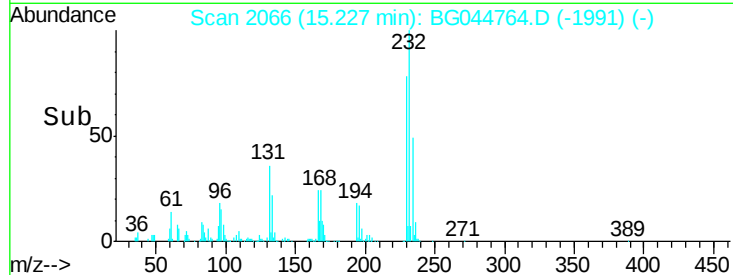
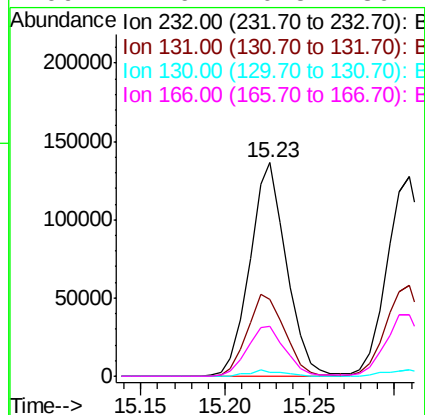
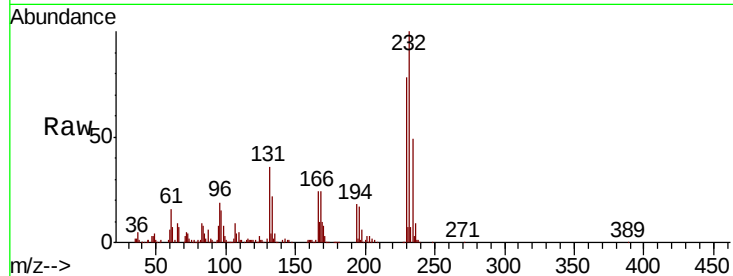




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.466 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. -0.09 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

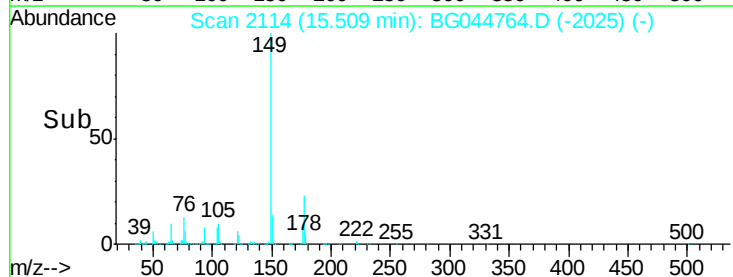
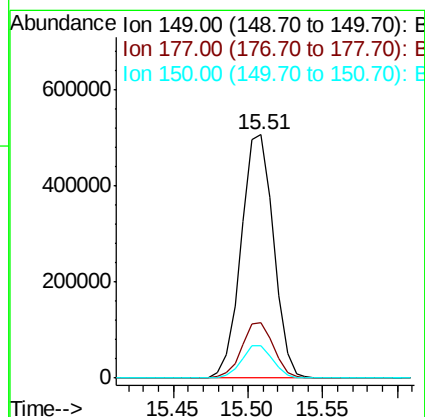
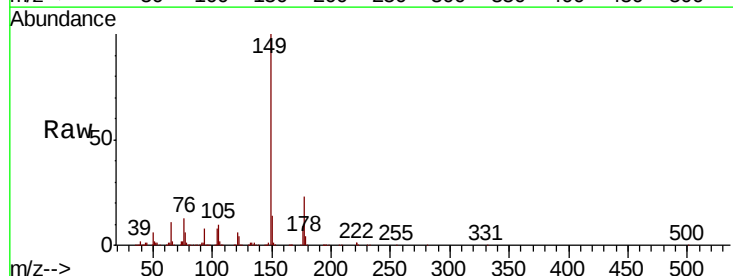
Instrument :
 BNA_G
 ClientSampleId :

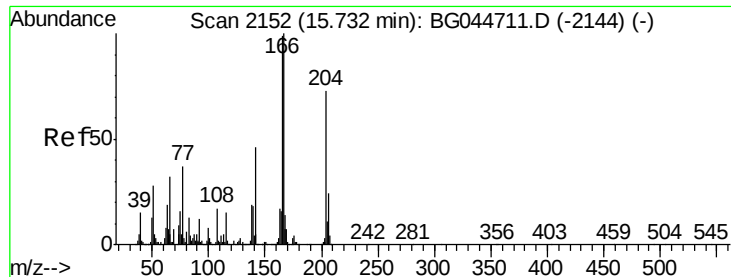
Tot Ion:232	Resp:	205188
Ion Ratio	Lower	Upper
232	100	
131	39.2	32.4 48.6
130	2.5	2.0 3.0
166	24.6	20.5 30.7



#60
 Diethylphthalate
 Concen: 36.658 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Tgt Ion:149	Resp:	758676
Ion Ratio	Lower	Upper
149	100	
177	22.7	18.8 28.2
150	13.6	11.2 16.8

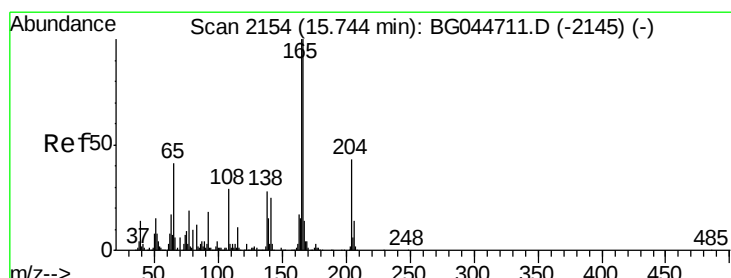
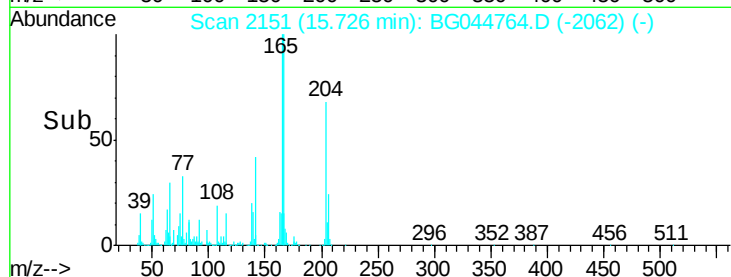
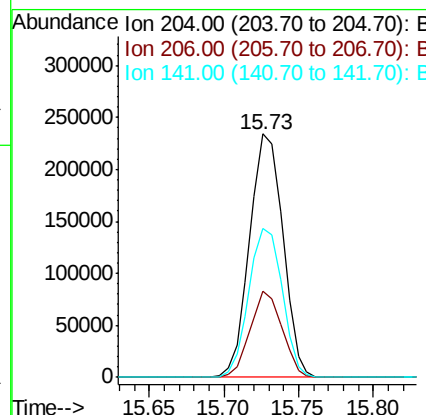
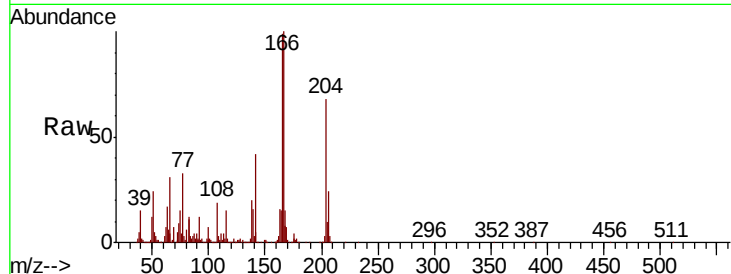




#61
 4-Chlorophenyl-phenylether
 Concen: 36.115 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

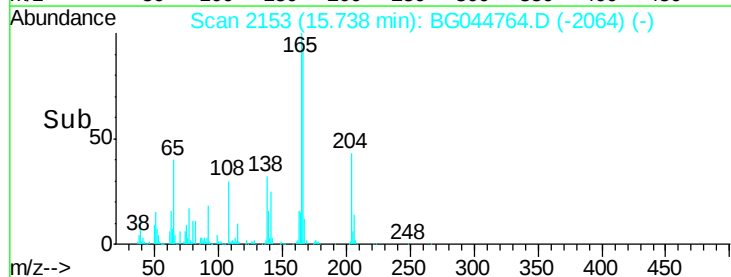
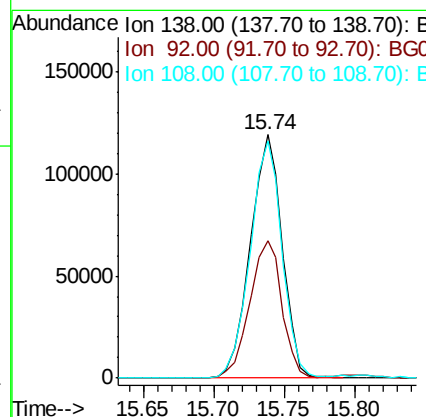
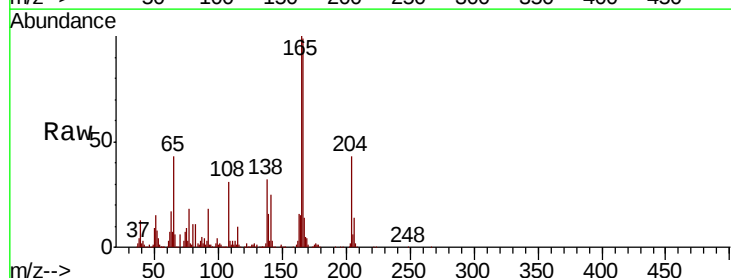
Instrument :
 BNA_G
 ClientSampleId :

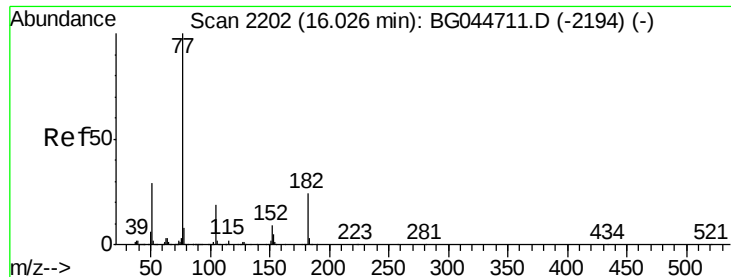
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	25.8	38.6
141	61.3	50.8	76.2



#62
 4-Nitroaniline
 Concen: 38.489 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG044764.D
 Acq: 13 Mar 2020 12:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	42.1	82.1
108	97.3	81.2	121.2





#63

Azobenzene

Concen: 35.543 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 763885

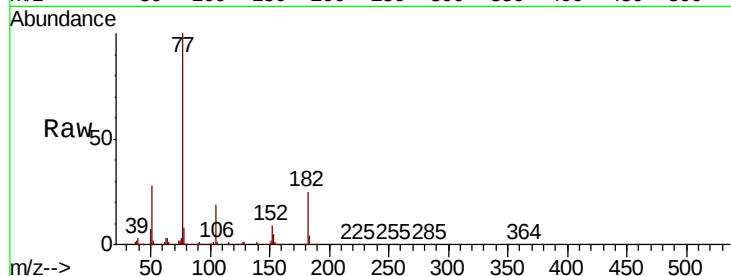
Ion Ratio Lower Upper

77 100

182 25.1 3.6 43.6

105 19.2 0.0 39.3

51 27.7 8.7 48.7

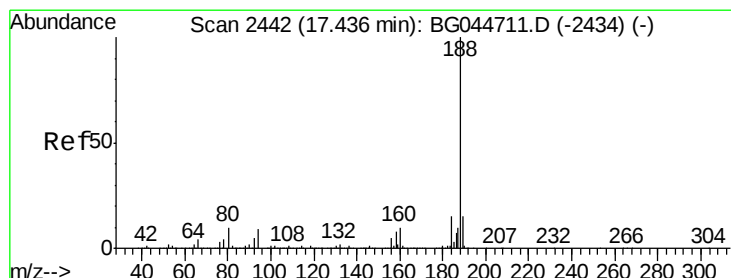
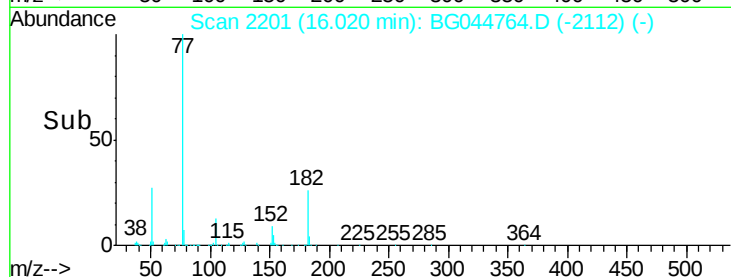
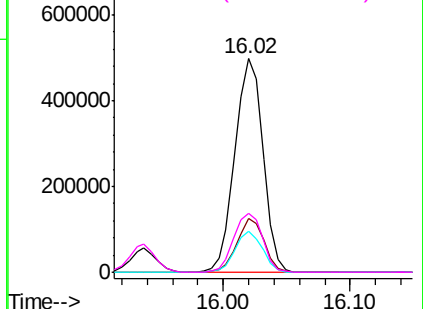


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

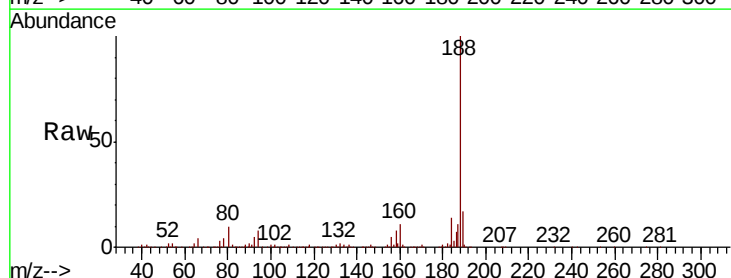
Tgt Ion: 188 Resp: 560804

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

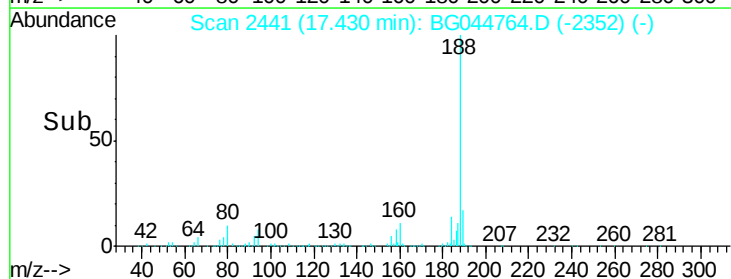
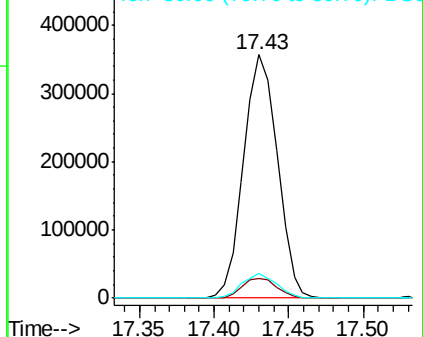
80 10.3 8.4 12.6

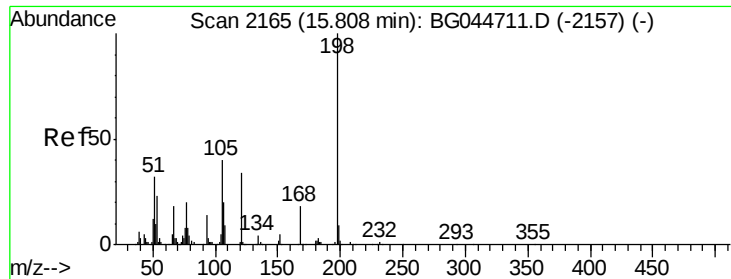


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.068 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

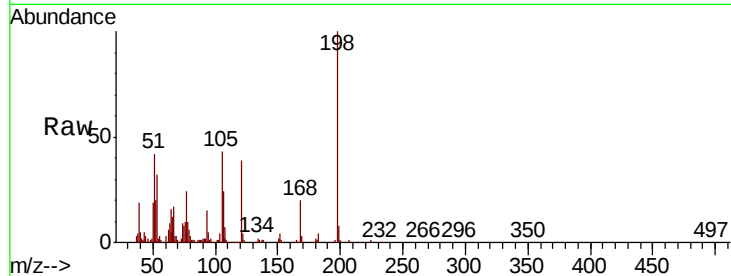
Tot Ion:198 Resp: 98578

Ion Ratio Lower Upper

198 100

51 41.7 20.1 60.1

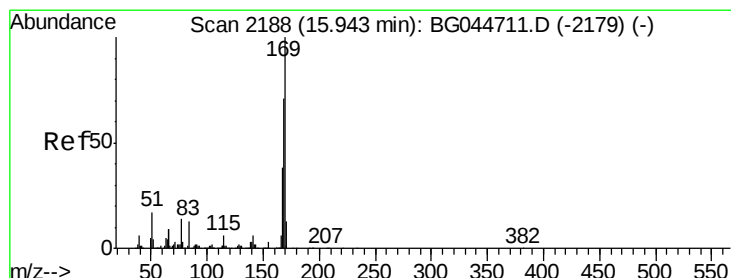
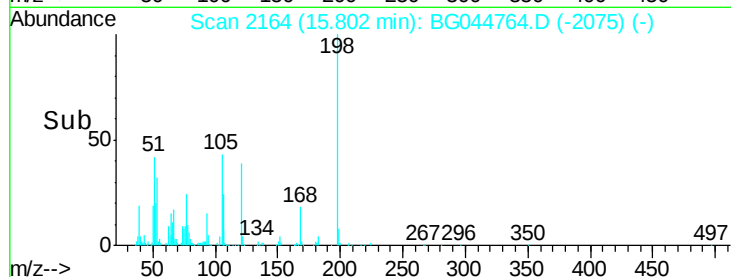
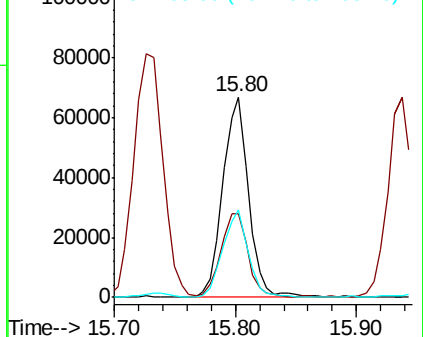
105 43.3 21.3 61.3



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: 35.599 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

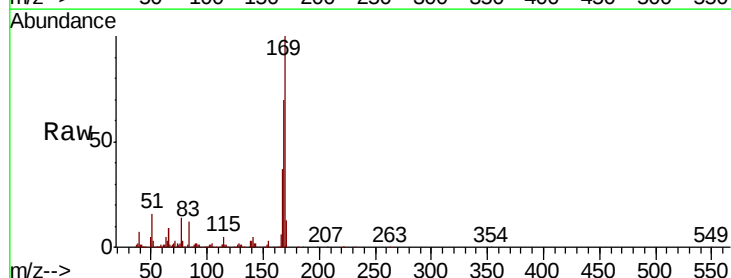
Tgt Ion:169 Resp: 601049

Ion Ratio Lower Upper

169 100

168 70.2 56.6 85.0

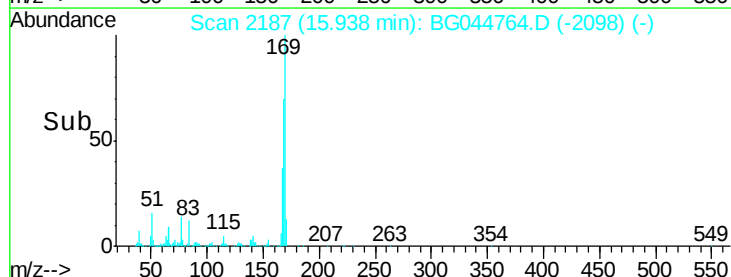
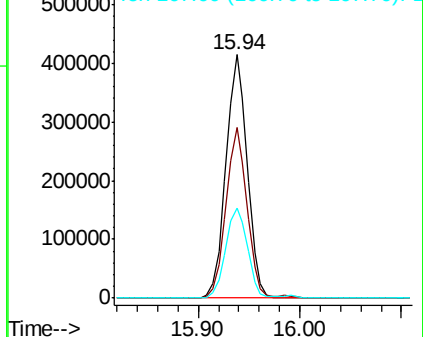
167 37.2 30.1 45.1

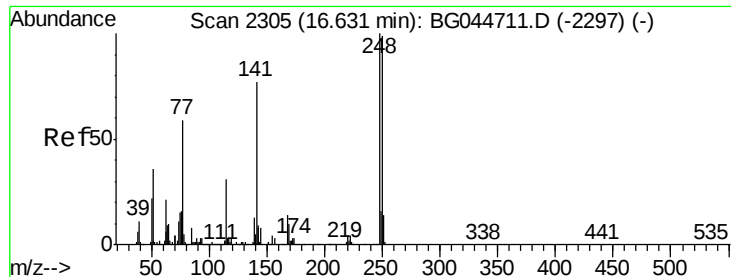


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

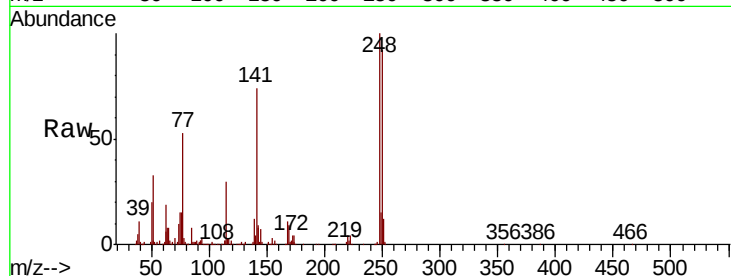




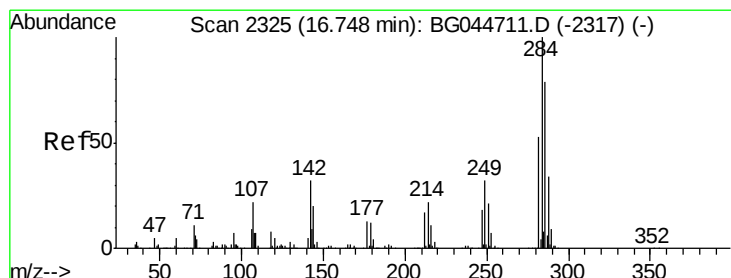
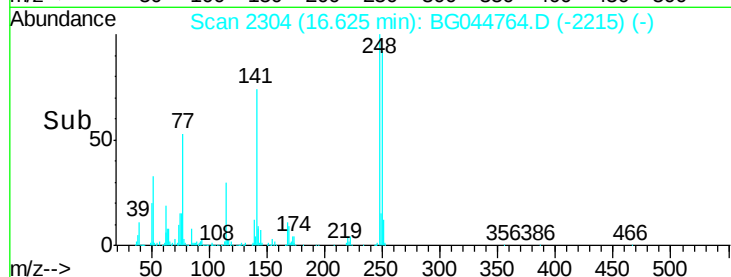
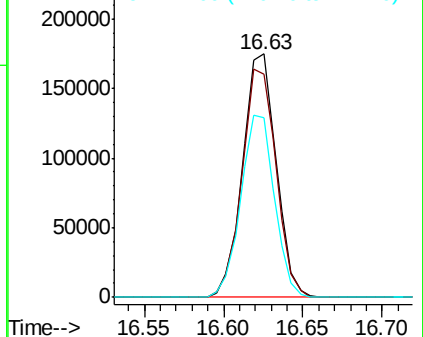
#67
4-Bromophenyl-phenylether
Concen: 36.576 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 256432
Ion Ratio Lower Upper
248 100
250 91.9 79.4 119.0
141 74.0 61.7 92.5

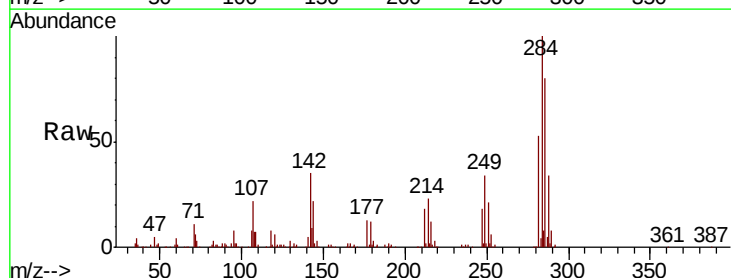


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

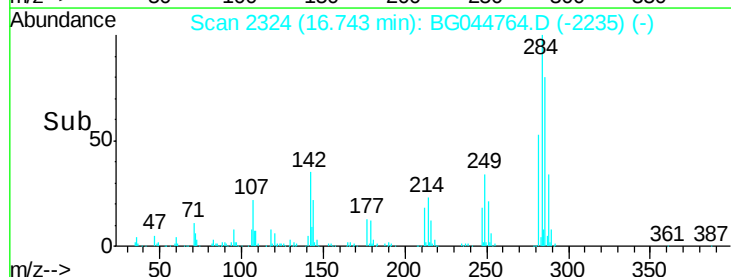
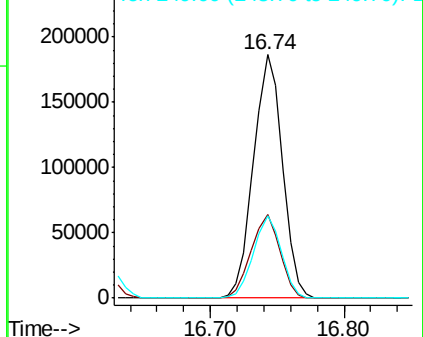


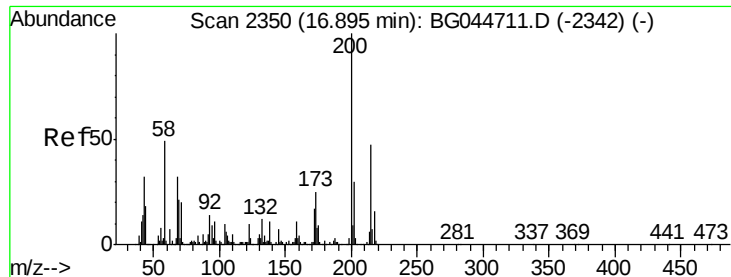
#68
Hexachlorobenzene
Concen: 36.533 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt Ion:284 Resp: 277867
Ion Ratio Lower Upper
284 100
142 34.6 25.6 38.4
249 34.0 25.8 38.6



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





#69

Atrazine

Concen: 38.120 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampled :

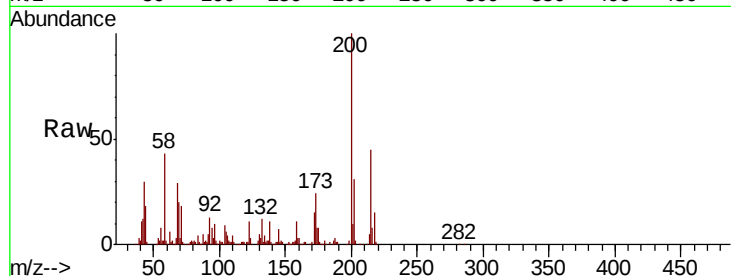
Tot Ion:200 Resp: 235804

Ion Ratio Lower Upper

200 100

173 24.1 4.8 44.8

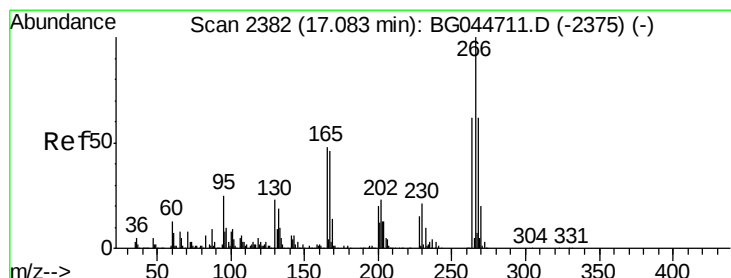
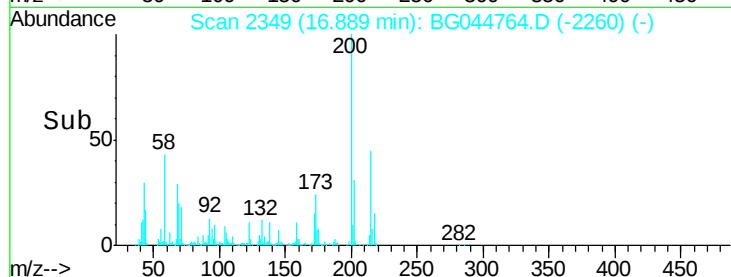
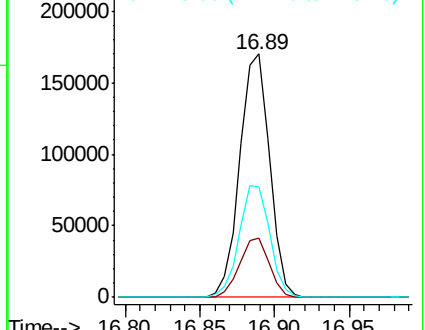
215 45.4 27.4 67.4



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: 39.165 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

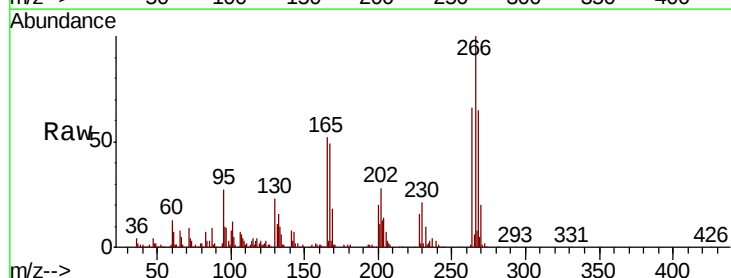
Tgt Ion:266 Resp: 163901

Ion Ratio Lower Upper

266 100

268 65.1 49.9 74.9

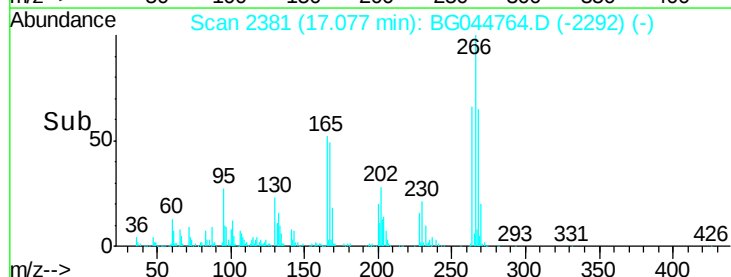
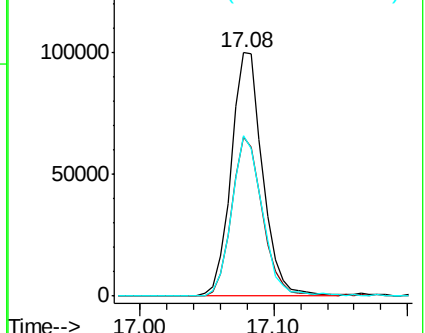
264 65.9 49.9 74.9

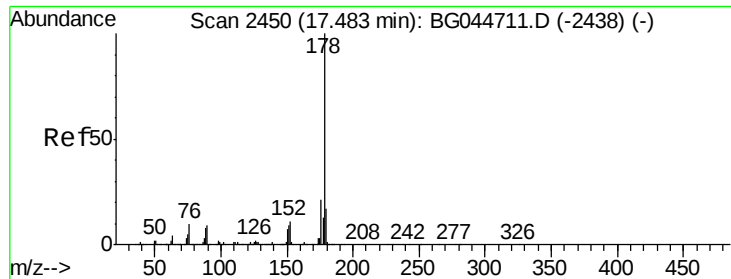


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

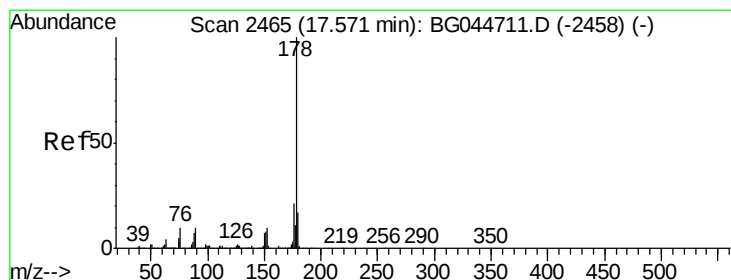
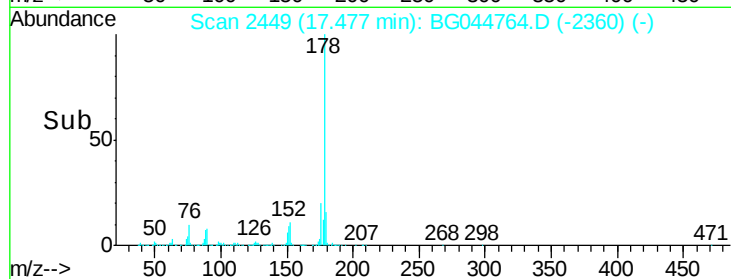
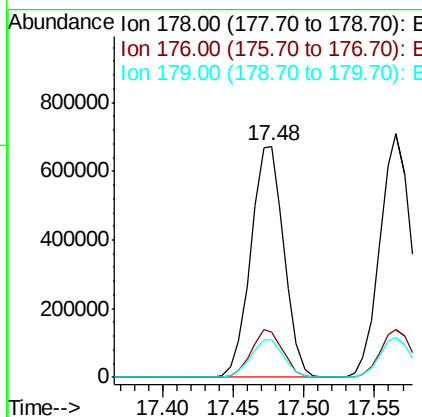
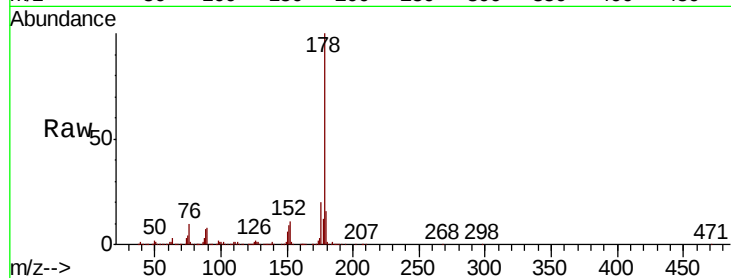




#71
Phenanthrene
Concen: 36.944 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

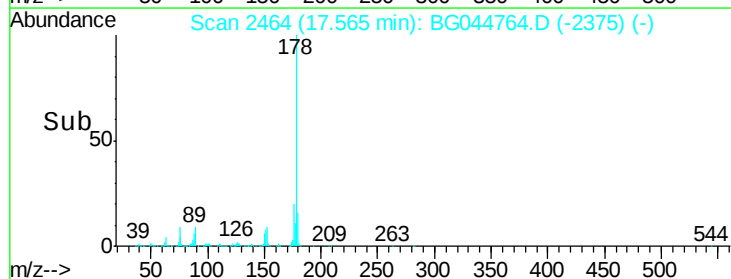
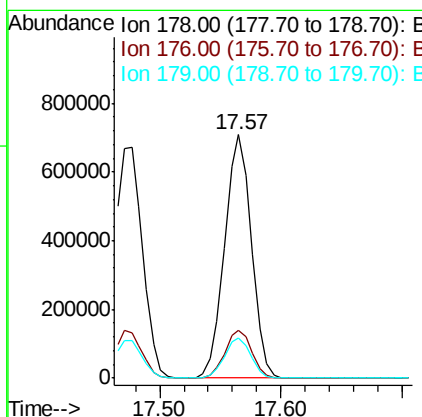
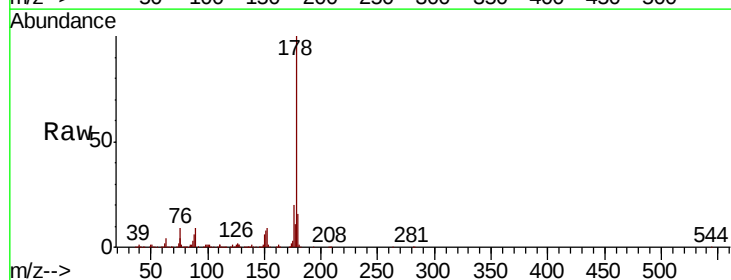
Instrument :
BNA_G
ClientSampled :

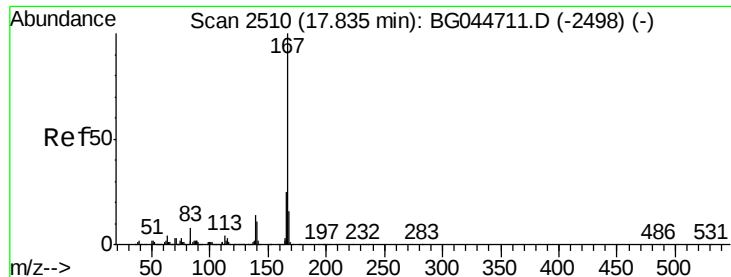
Tot Ion:178 Resp: 1107157
Ion Ratio Lower Upper
178 100
176 19.8 17.0 25.6
179 16.4 13.7 20.5



#72
Anthracene
Concen: 36.850 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG044764.D
Acq: 13 Mar 2020 12:50

Tgt Ion:178 Resp: 1088952
Ion Ratio Lower Upper
178 100
176 19.6 17.0 25.6
179 16.5 13.8 20.8





#73

Carbazole

Concen: 36.872 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

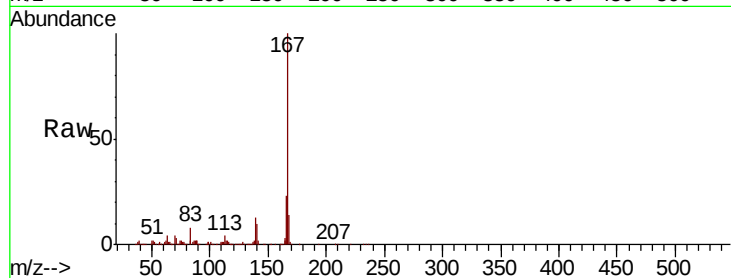
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1046617

Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.6	29.4
139	13.0	11.4	17.2

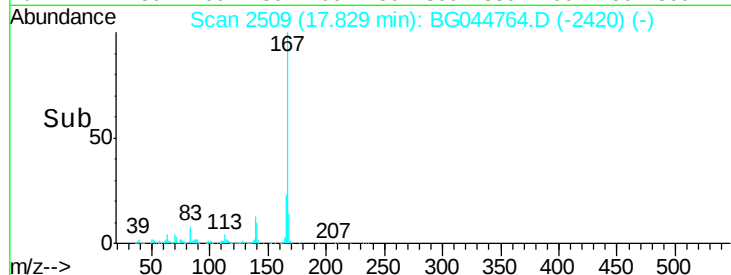


Abundance Ion 167.00 (166.70 to 167.70): E

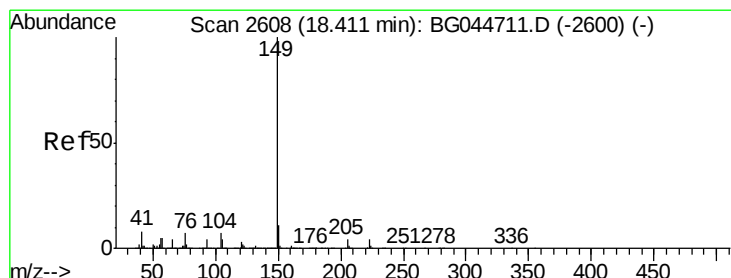
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.83



Time-->



#74

Di-n-butylphthalate

Concen: 37.890 ng

RT: 18.41 min Scan# 2607

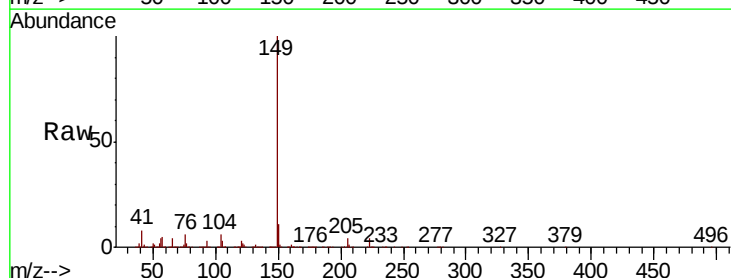
Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Tgt Ion:149 Resp: 1307425

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.4	12.6
104	6.4	5.6	8.4

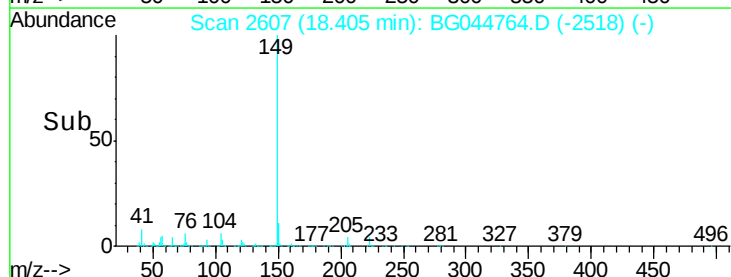


Abundance Ion 149.00 (148.70 to 149.70): E

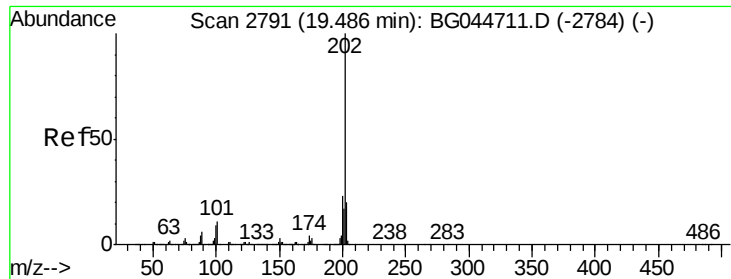
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.41



Time-->



#75

Fluoranthene

Concen: 38.266 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

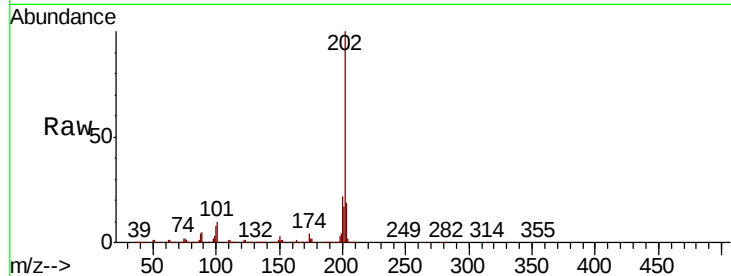
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1365419

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.3
203	18.8	0.4	40.4

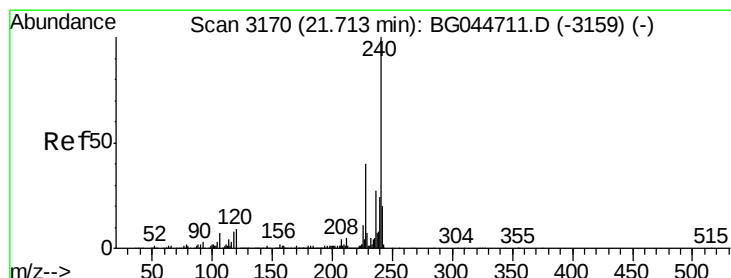
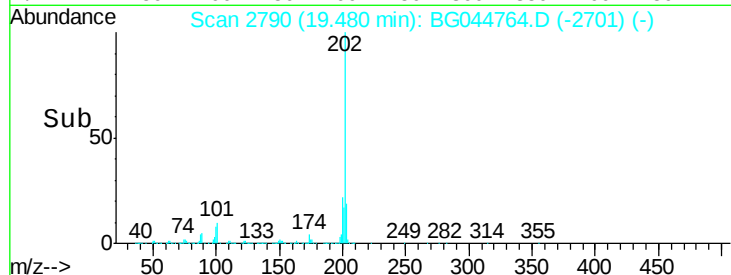
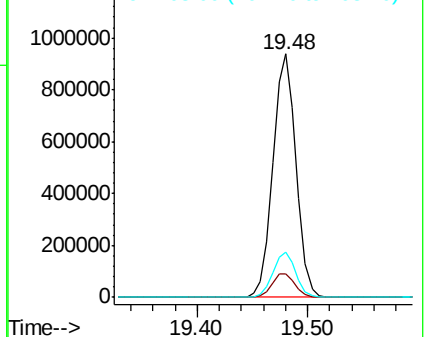


Abundance

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: 20.000 ng

RT: 21.70 min Scan# 3168

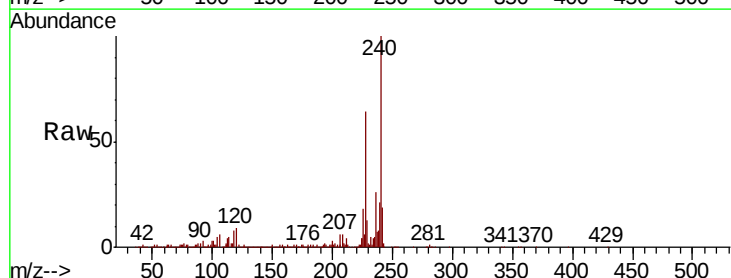
Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Tgt Ion:240 Resp: 510542

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.9	10.3
236	26.2	21.9	32.9

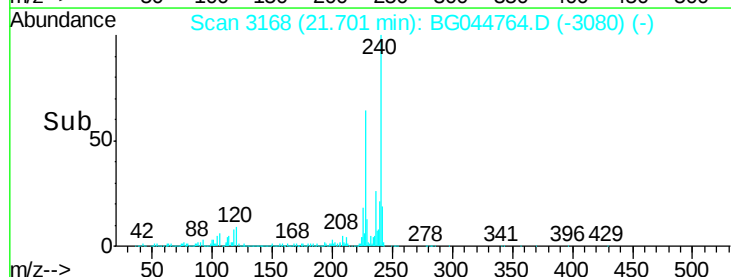
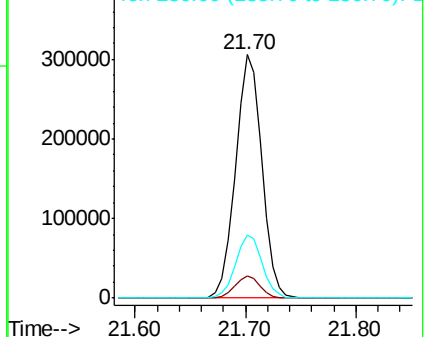


Abundance

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





#77

Benzidine

Concen: 42.376 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

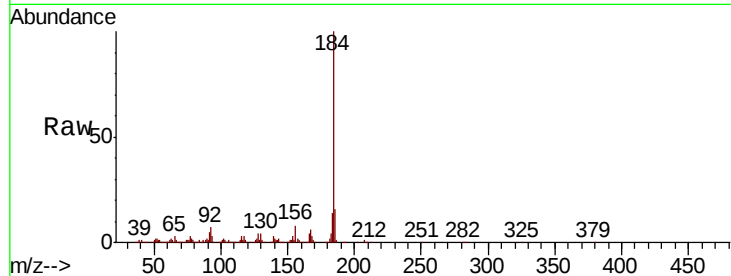
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 702351

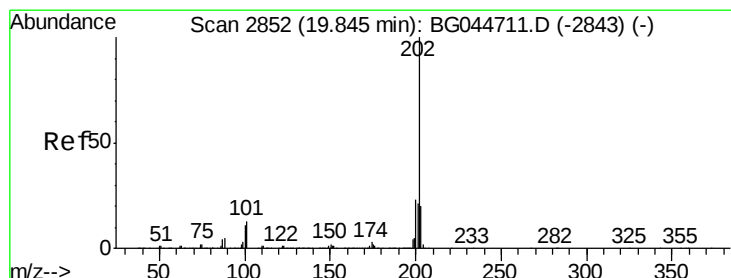
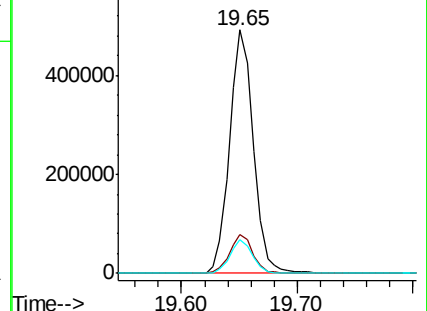
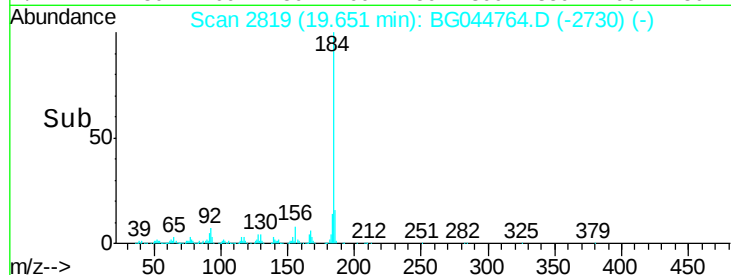
Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.9	19.3
183	13.7	10.6	15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.914 ng

RT: 19.84 min Scan# 2851

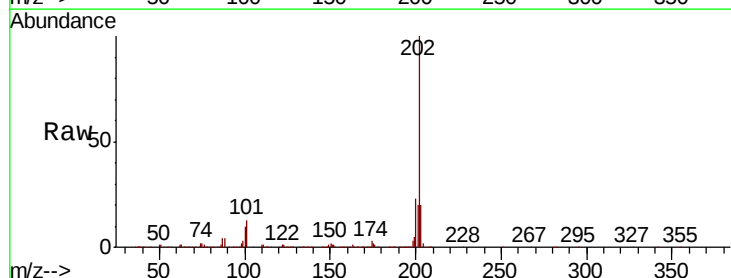
Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Tgt Ion:202 Resp: 1345241

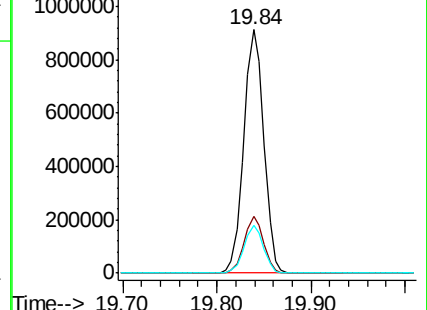
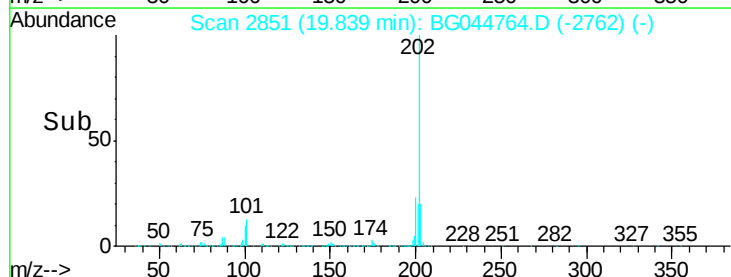
Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.7	28.1
203	19.6	16.0	24.0

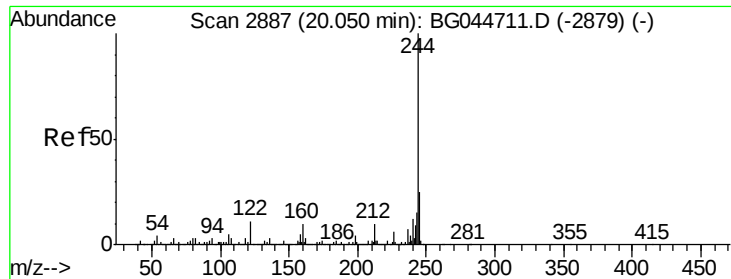


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.468 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

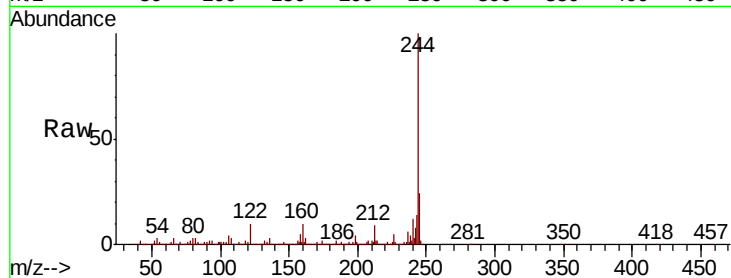
Tot Ion:244 Resp: 1977922

Ion Ratio Lower Upper

244 100

212 9.5 8.4 12.6

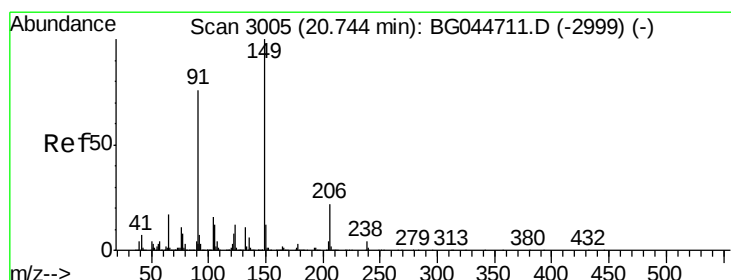
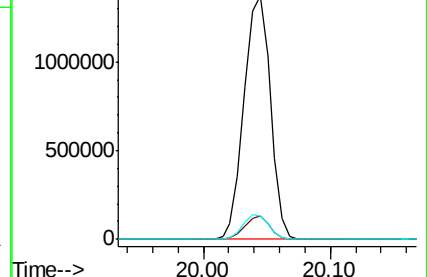
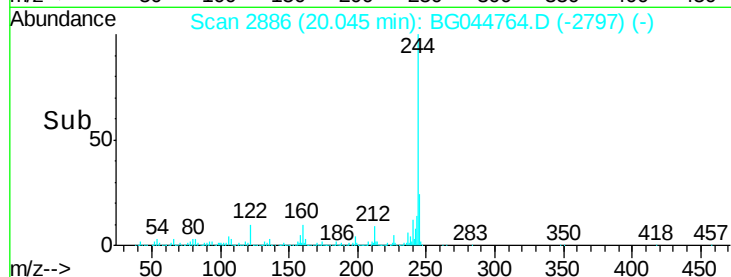
122 9.7 8.7 13.1



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: 37.634 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

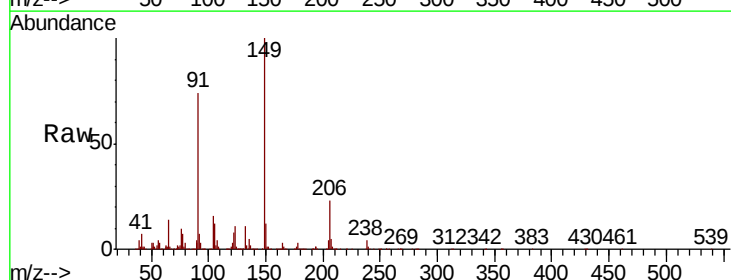
Tgt Ion:149 Resp: 627125

Ion Ratio Lower Upper

149 100

91 74.1 61.1 91.7

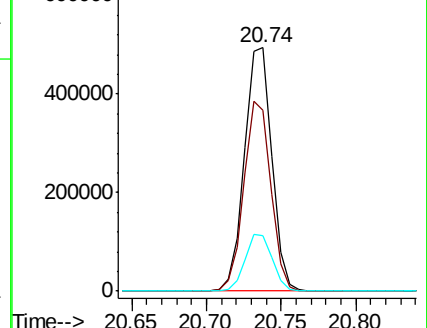
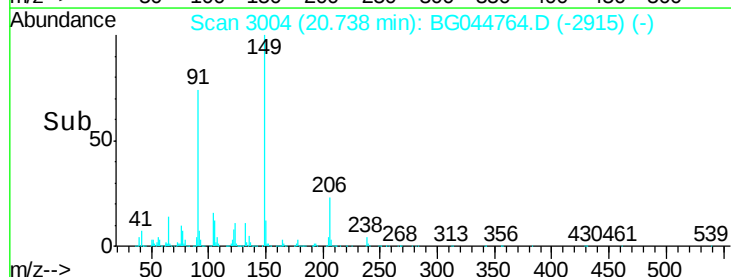
206 22.6 17.4 26.2

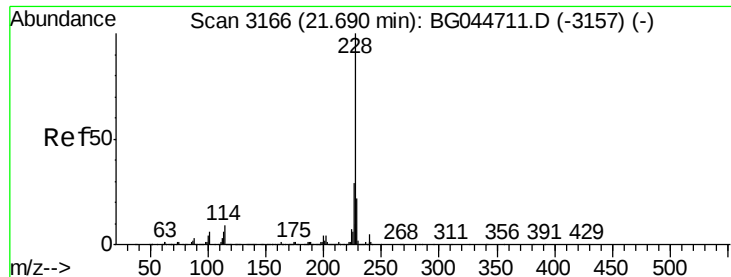


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.858 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

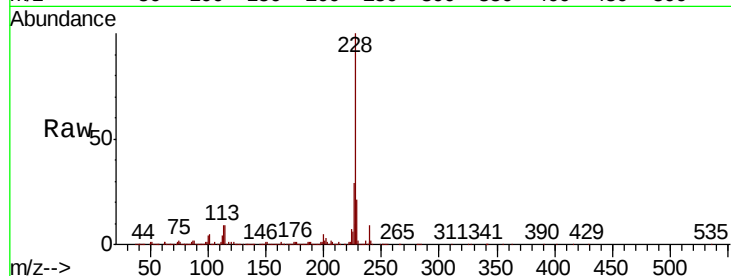
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1355011

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.5	35.3
229	20.9	17.2	25.8

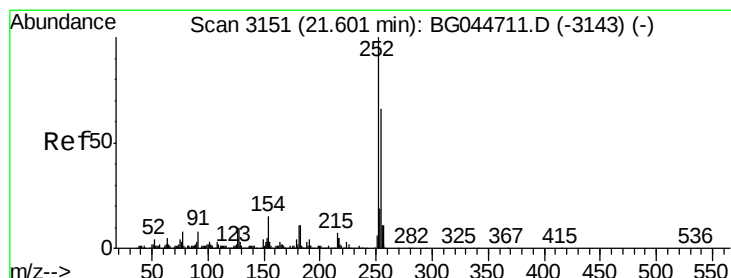
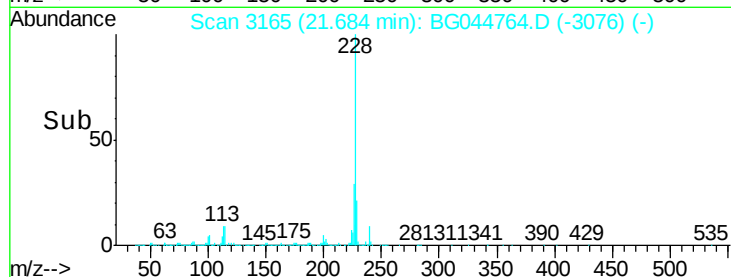
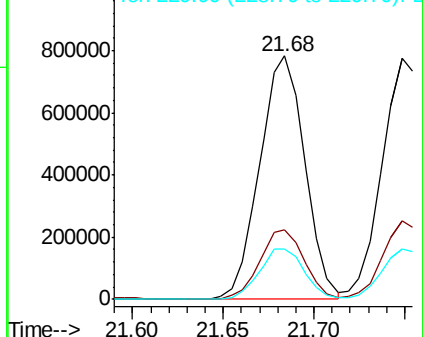


Abundance

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: 37.877 ng

RT: 21.60 min Scan# 3150

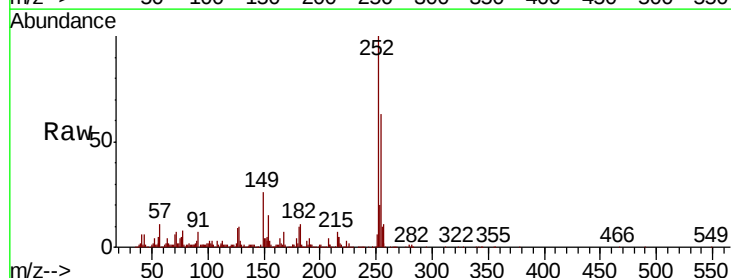
Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Tgt Ion:252 Resp: 538689

Ion	Ratio	Lower	Upper
252	100		
254	62.6	53.0	79.4
126	9.4	8.2	12.4

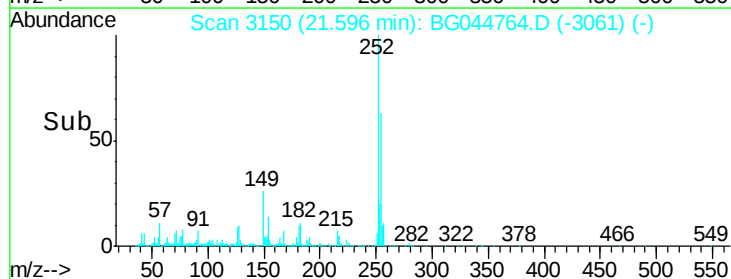
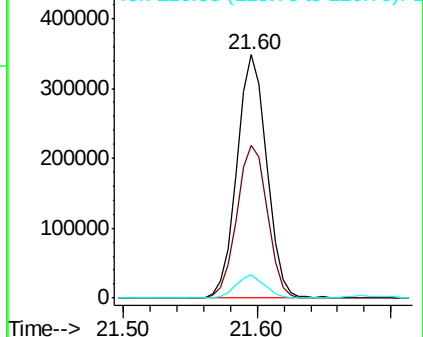


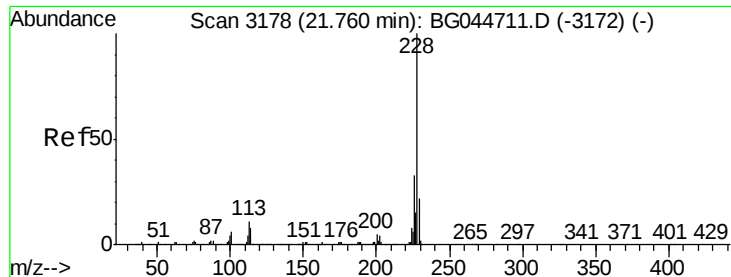
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.438 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

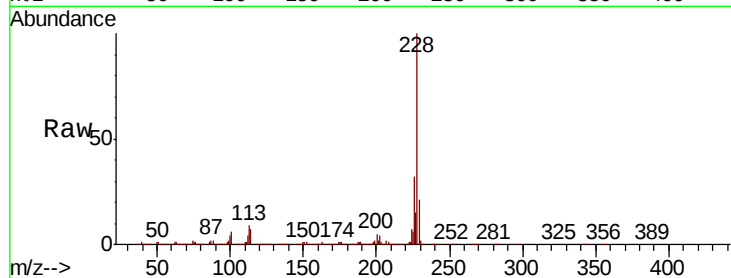
Tot Ion:228 Resp: 1314689

Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.1	39.1
229	21.0	17.4	26.0

228 100

226 32.4 26.1 39.1

229 21.0 17.4 26.0

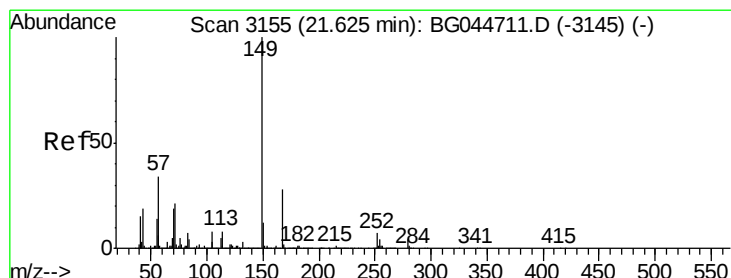
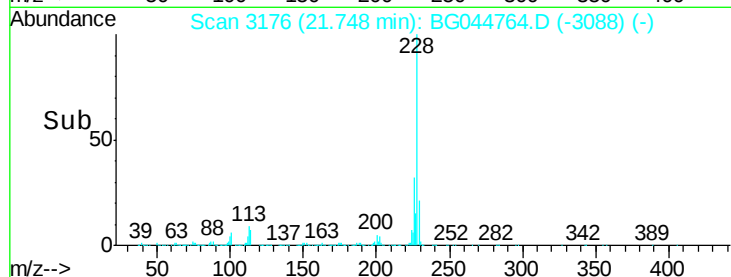
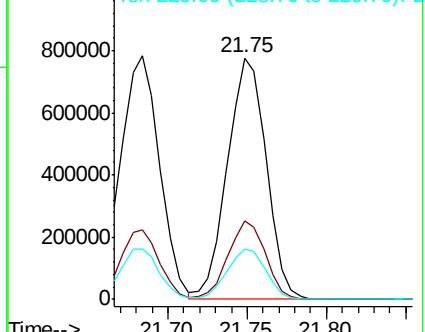


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.883 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

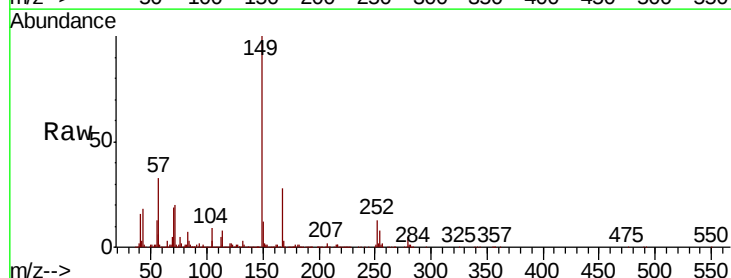
Tgt Ion:149 Resp: 848245

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	33.8
279	4.6	3.5	5.3

149 100

167 27.8 22.6 33.8

279 4.6 3.5 5.3

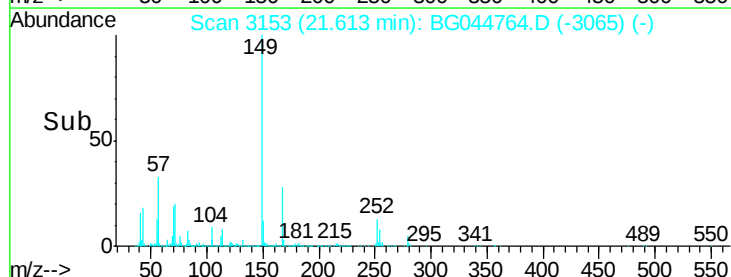
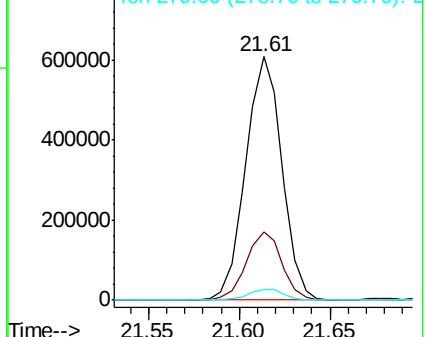


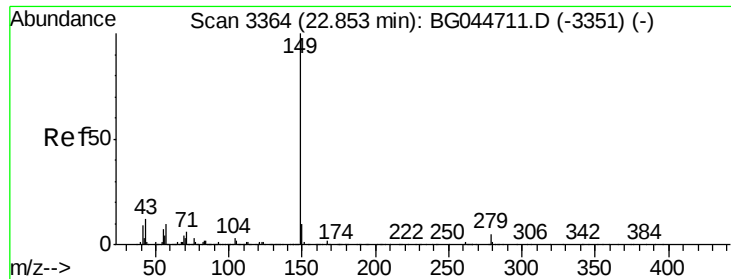
Abundance

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: 38.172 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.02 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

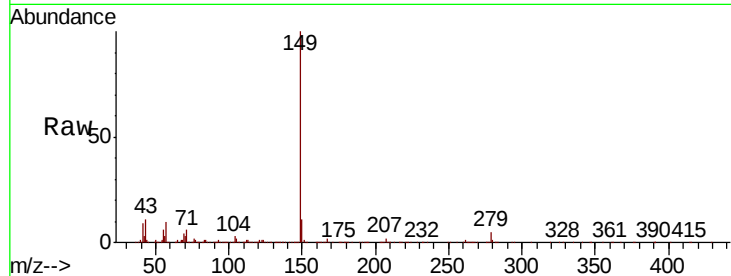
Tot Ion:149 Resp: 1469051

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.0 9.0 13.6

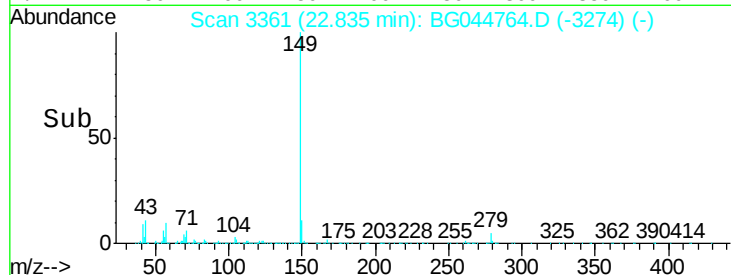


Abundance Ion 149.00 (148.70 to 149.70): E

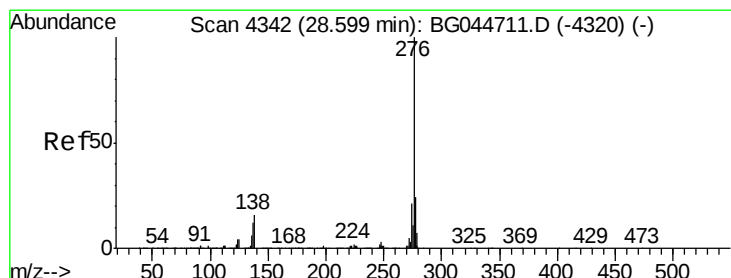
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time--> 22.70 22.80 22.90



Time--> 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.059 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

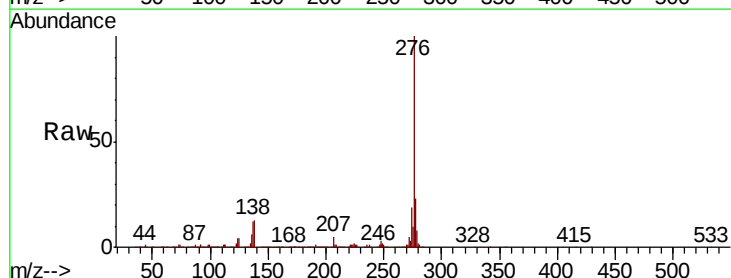
Tgt Ion:276 Resp: 1752202

Ion Ratio Lower Upper

276 100

138 12.5 10.9 16.3

277 25.9 20.8 31.2

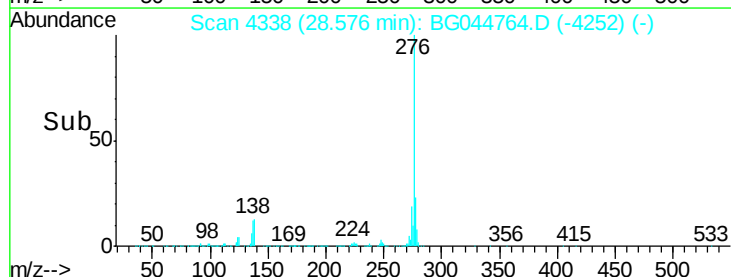


Abundance Ion 276.00 (275.70 to 276.70): E

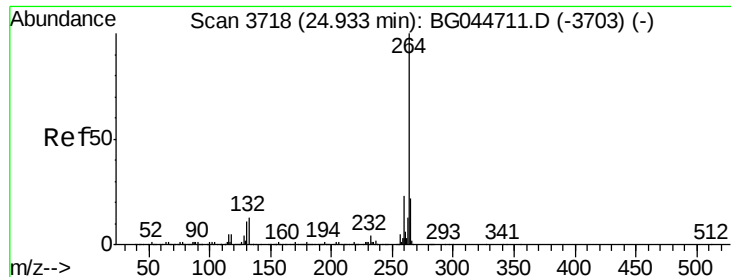
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 28.40 28.60 28.80



Time--> 28.40 28.60 28.80



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

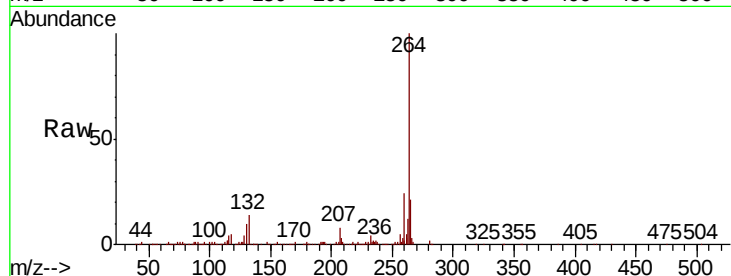
Tot Ion:264 Resp: 618402

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

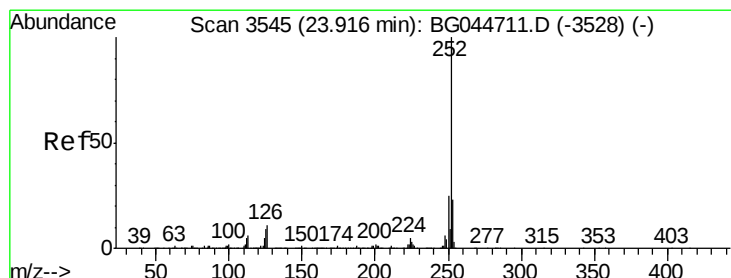
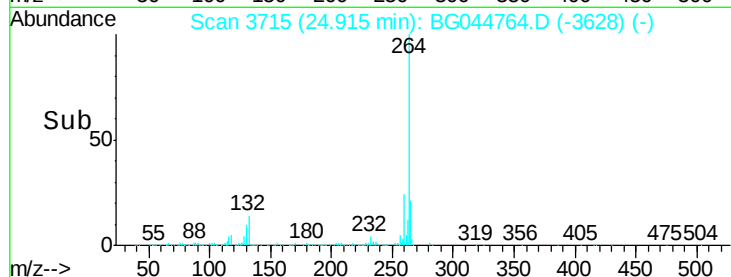
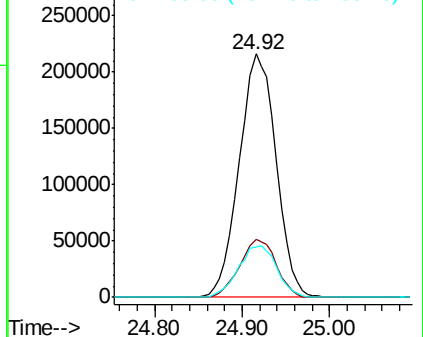
265 20.7 17.4 26.2



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: 35.500 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

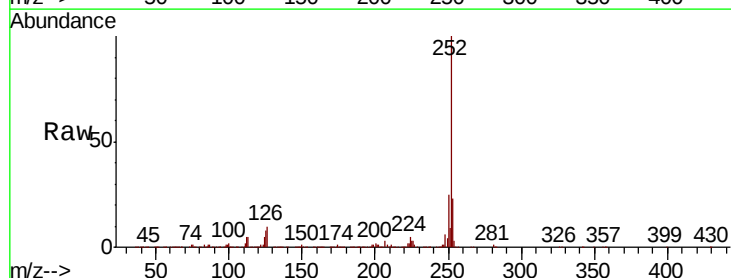
Tgt Ion:252 Resp: 1449303

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

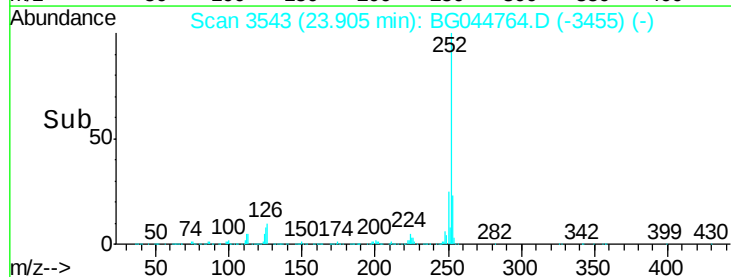
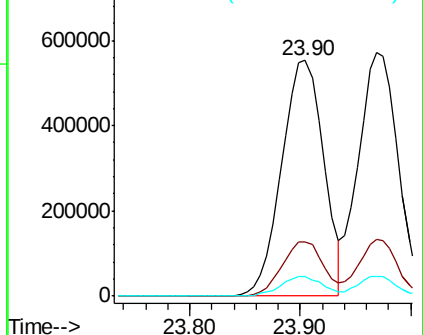
125 8.4 7.2 10.8

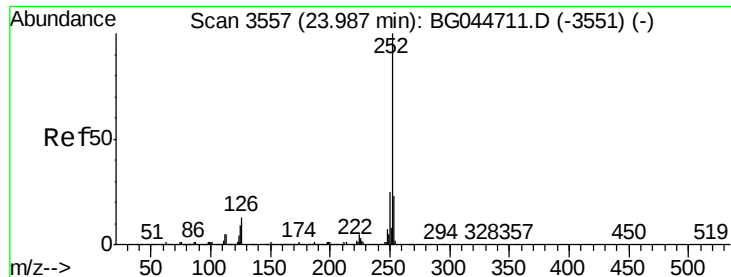


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.048 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.02 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

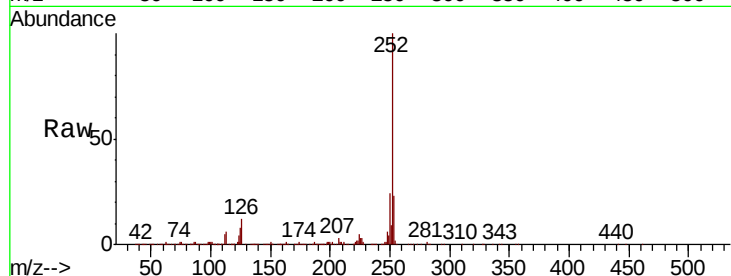
Tot Ion:252 Resp: 1431342

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

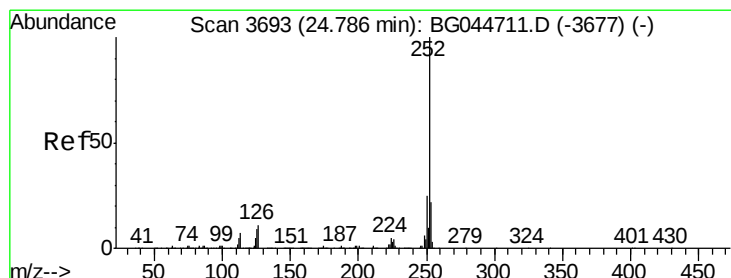
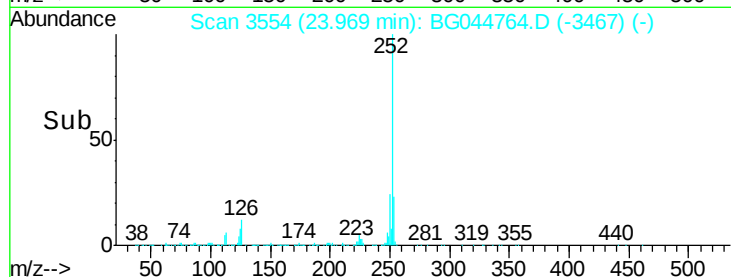
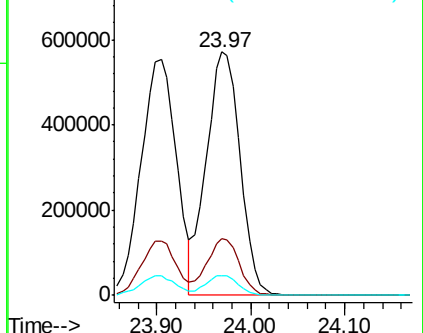
125 8.3 7.0 10.4



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: 36.425 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

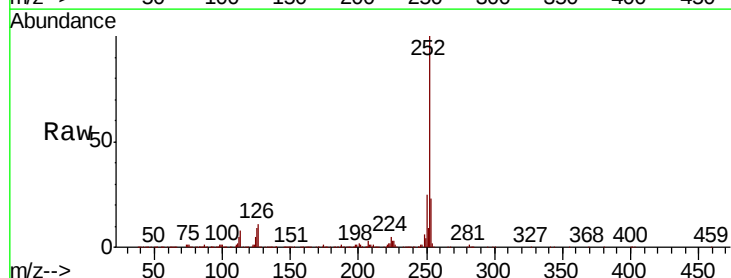
Tgt Ion:252 Resp: 1391441

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

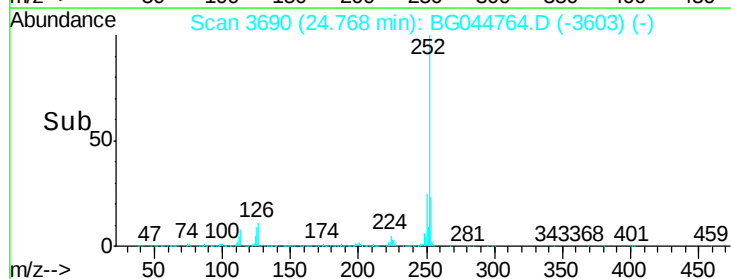
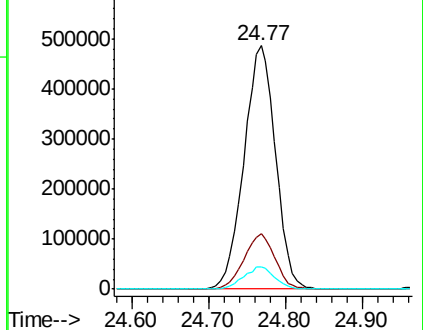
125 8.9 7.0 10.6

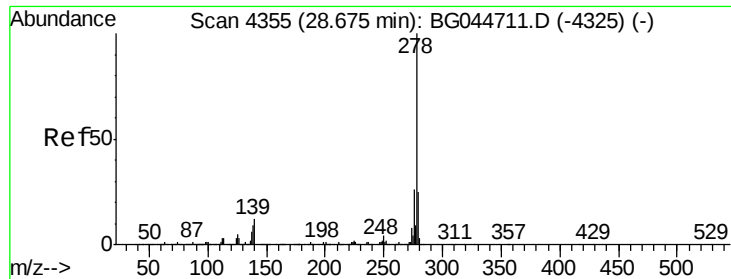


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.789 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.03 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

Instrument :

BNA_G

ClientSampleId :

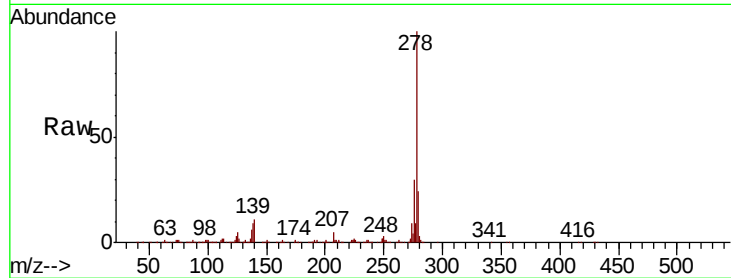
Tot Ion:278 Resp: 1386466

Ion Ratio Lower Upper

278 100

139 11.4 9.9 14.9

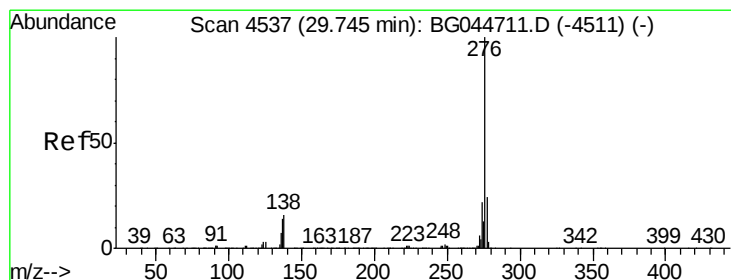
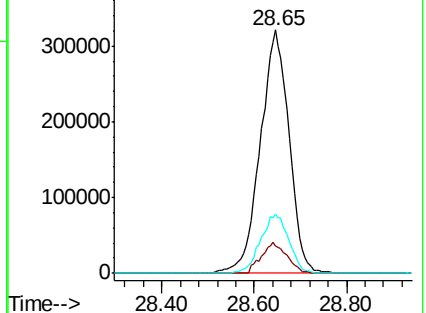
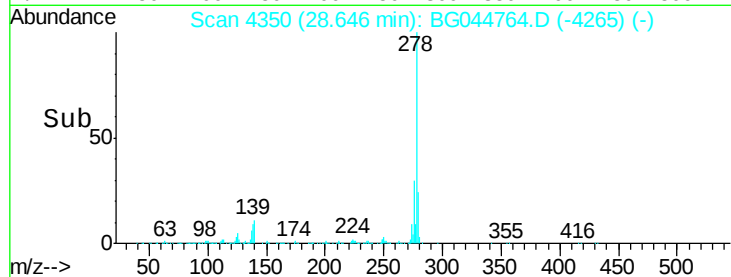
279 24.4 20.2 30.4



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: 36.480 ng

RT: 29.72 min Scan# 4533

Delta R.T. -0.02 min

Lab File: BG044764.D

Acq: 13 Mar 2020 12:50

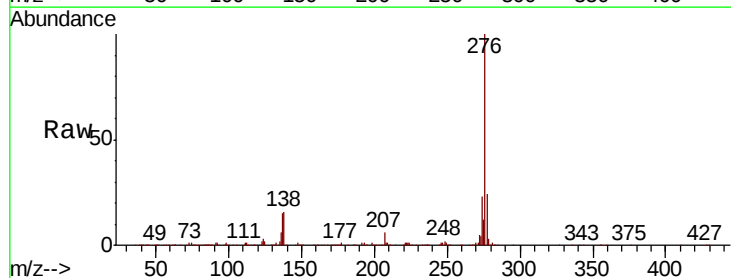
Tgt Ion:276 Resp: 1389036

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 15.7 13.0 19.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

