

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044762.D
 Acq On : 13 Mar 2020 9:23
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 09:59:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	123035	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	493708	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	333133	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	768495	20.00	ng	0.00
76) Chrysene-d12	21.70	240	666871	20.00	ng	0.00
87) Perylene-d12	24.92	264	788047	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	587784	74.37	ng	0.00
7) Phenol-d6	7.21	99	852709	74.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	840242	74.68	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	343966	78.86	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1691744	72.72	ng	0.00
79) Terphenyl-d14	20.05	244	2499907	70.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	133021	34.950	ng	98
3) Pyridine	3.92	79	404616	35.911	ng	97
4) n-Nitrosodimethylamine	3.83	42	169477	39.644	ng	89
6) Aniline	7.37	93	517163	36.193	ng	98
8) 2-Chlorophenol	7.61	128	286746	36.344	ng	97
9) Benzaldehyde	7.19	77	250555	34.434	ng	96
10) Phenol	7.23	94	415605	36.556	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	316610	34.895	ng	98
12) 1,3-Dichlorobenzene	7.95	146	353221	36.343	ng	93
13) 1,4-Dichlorobenzene	8.09	146	345612	35.969	ng	99
14) 1,2-Dichlorobenzene	8.41	146	325208	35.687	ng	94
15) Benzyl Alcohol	8.28	79	343000	37.227	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	581773	36.334	ng	98
17) 2-Methylphenol	8.49	107	284860	36.990	ng	94
18) Hexachloroethane	9.15	117	140482	37.136	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	288167	35.539	ng	# 99
20) 3+4-Methylphenols	8.82	107	393091	37.029	ng	95
22) Acetophenone	8.87	105	490184	35.046	ng	98
24) Nitrobenzene	9.25	77	423932	36.314	ng	97
25) Isophorone	9.78	82	771623	35.140	ng	98
26) 2-Nitrophenol	9.97	139	164354	41.408	ng	# 91
27) 2,4-Dimethylphenol	10.03	122	257806	36.052	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	462843	35.319	ng	99
29) 2,4-Dichlorophenol	10.51	162	314451	37.648	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	366142	36.662	ng	94
31) Naphthalene	10.92	128	988988	36.162	ng	100
32) Benzoic acid	10.15	122	147404	30.800	ng	93
33) 4-Chloroaniline	11.01	127	437924	35.541	ng	99
34) Hexachlorobutadiene	11.22	225	245126	37.323	ng	98
35) Caprolactam	11.79	113	120377	38.066	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	370249	37.168	ng	95
37) 2-Methylnaphthalene	12.51	142	735943	35.973	ng	98
38) 1-Methylnaphthalene	12.74	142	693413	36.053	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	399227	36.389	ng	100

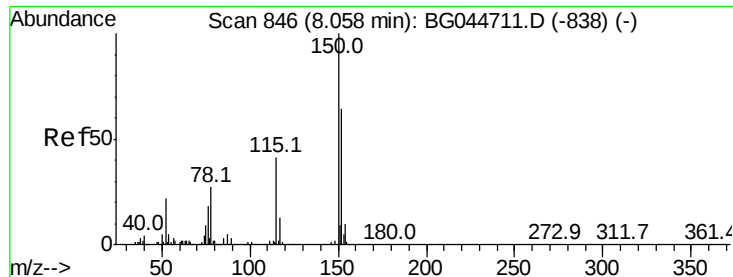
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044762.D
 Acq On : 13 Mar 2020 9:23
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 09:59:29 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	222075	37.039	ng	99
43) 2,4,6-Trichlorophenol	13.12	196	287039	39.423	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	288388	38.193	ng	96
46) 1,1'-Biphenyl	13.53	154	963376	36.188	ng	99
47) 2-Chloronaphthalene	13.57	162	741713	36.472	ng	99
48) 2-Nitroaniline	13.75	65	292209	41.042	ng	99
49) Acenaphthylene	14.41	152	1154933	36.250	ng	99
50) Dimethylphthalate	14.14	163	964588	36.355	ng	98
51) 2,6-Dinitrotoluene	14.25	165	211289	39.507	ng	94
52) Acenaphthene	14.75	154	747274	35.814	ng	99
53) 3-Nitroaniline	14.58	138	236138	38.404	ng	99
54) 2,4-Dinitrophenol	14.78	184	54519	25.801	ng	86
55) Dibenzofuran	15.09	168	1110560	36.703	ng	99
56) 4-Nitrophenol	14.88	139	178442	38.026	ng	93
57) 2,4-Dinitrotoluene	15.04	165	298103	40.642	ng	99
58) Fluorene	15.73	166	909545	36.542	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	270164	38.862	ng	100
60) Diethylphthalate	15.51	149	1016272	36.724	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	498886	37.224	ng	96
62) 4-Nitroaniline	15.74	138	248299	37.871	ng	98
63) Azobenzene	16.02	77	1045036	36.365	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	105395	32.180	ng	93
66) n-Nitrosodiphenylamine	15.94	169	820293	35.454	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	346324	36.048	ng	96
68) Hexachlorobenzene	16.75	284	377389	36.208	ng	98
69) Atrazine	16.89	200	311397	36.735	ng	98
70) Pentachlorophenol	17.08	266	201302	35.102	ng	97
71) Phenanthrene	17.47	178	1473317	35.876	ng	99
72) Anthracene	17.57	178	1453633	35.897	ng	99
73) Carbazole	17.83	167	1378385	35.436	ng	100
74) Di-n-butylphthalate	18.40	149	1694533	35.837	ng	99
75) Fluoranthene	19.48	202	1769467	36.187	ng	99
77) Benzidine	19.65	184	846972	39.122	ng	99
78) Pyrene	19.84	202	1754568	35.861	ng	99
80) Butylbenzylphthalate	20.73	149	807990	37.121	ng	98
81) Benzo(a)anthracene	21.69	228	1738647	36.207	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	666019	35.852	ng	100
83) Chrysene	21.75	228	1644339	35.848	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	1090100	36.288	ng	98
85) Di-n-octyl phthalate	22.84	149	1865744	37.115	ng	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2210540	36.759	ng	100
88) Benzo(b)fluoranthene	23.91	252	1870516	35.954	ng	98
89) Benzo(k)fluoranthene	23.97	252	1810005	36.764	ng	99
90) Benzo(a)pyrene	24.77	252	1770729	36.375	ng	100
91) Dibenzo(a,h)anthracene	28.65	278	1763809	36.726	ng	99
92) Benzo(g,h,i)perylene	29.72	276	1779174	36.668	ng	99

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

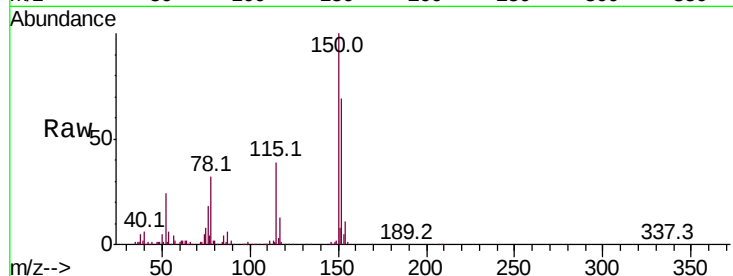


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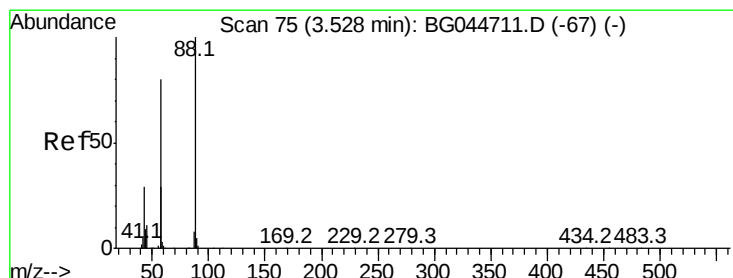
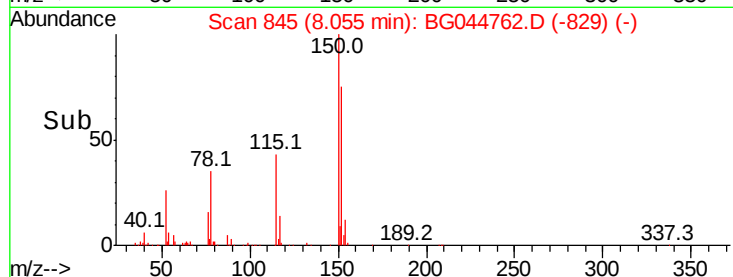
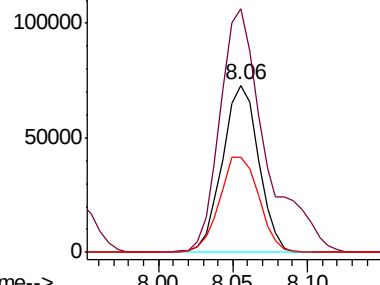
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	125.3	187.9
115	57.0	51.7	77.5



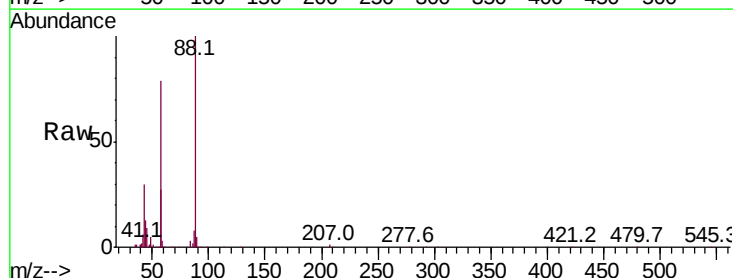
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



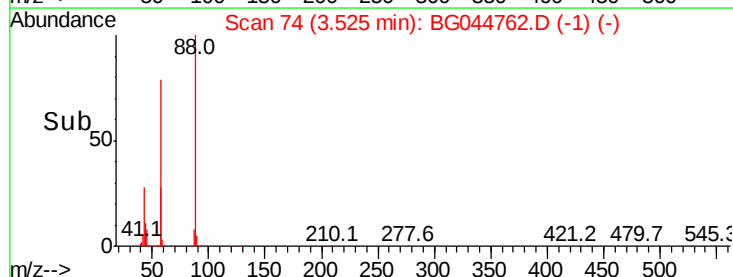
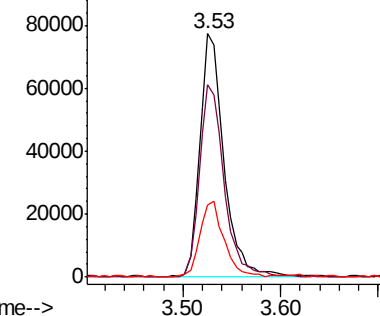
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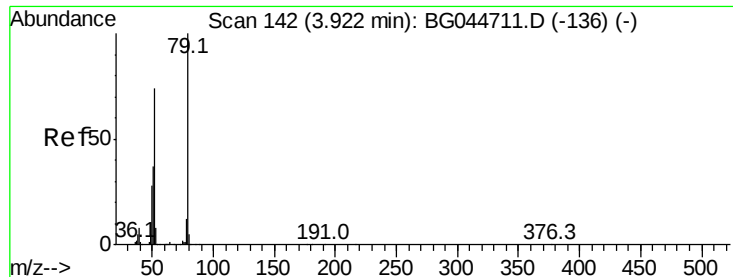
1,4-Dioxane
Concen: 34.950 ng
RT: 3.53 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	63.0	94.4
43	30.2	23.2	34.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.911 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

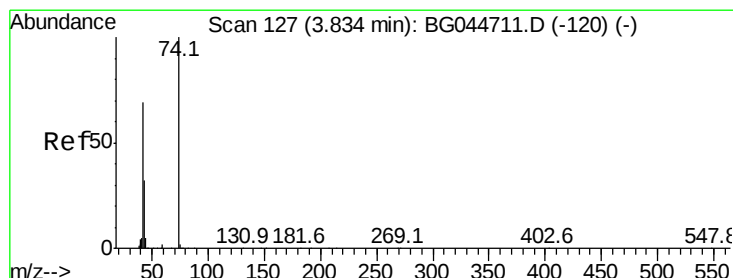
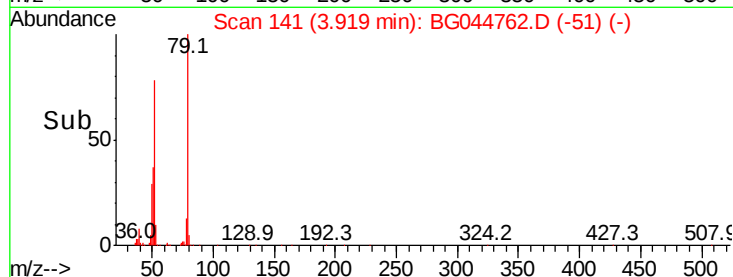
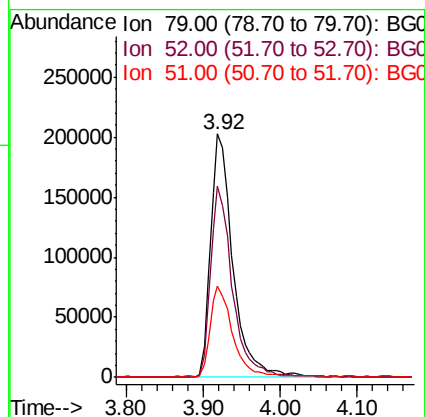
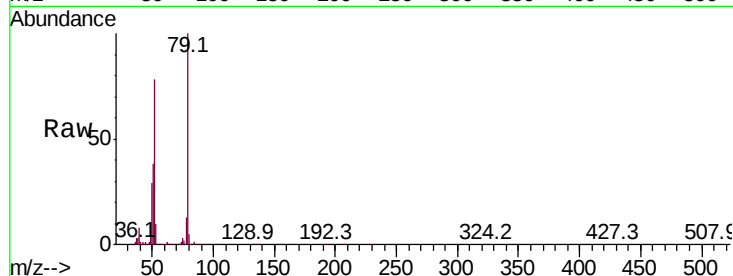
Tot Ion: 79 Resp: 404616

Ion Ratio Lower Upper

79 100

52 78.3 59.4 89.2

51 37.5 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 39.644 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

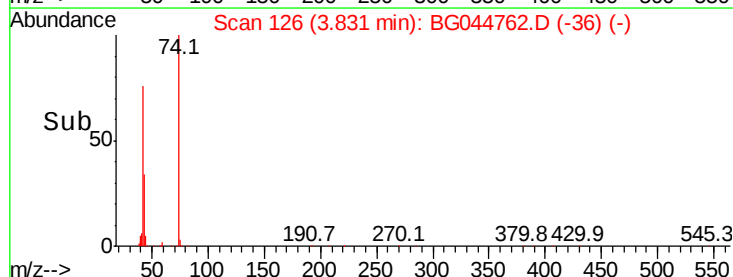
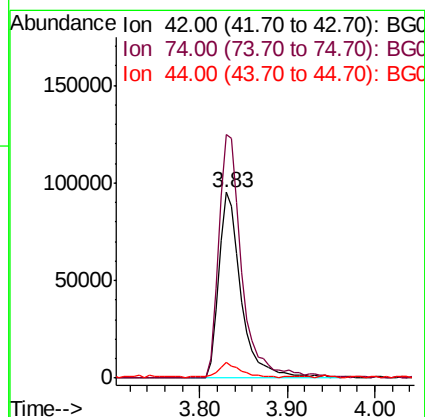
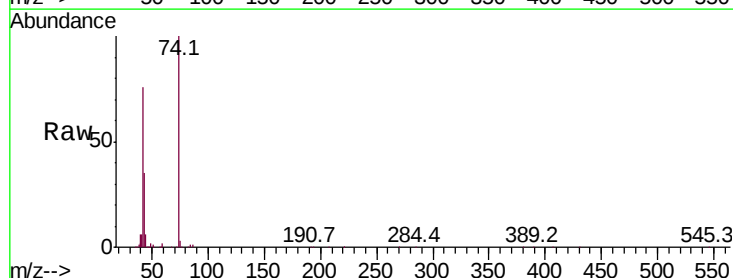
Tgt Ion: 42 Resp: 169477

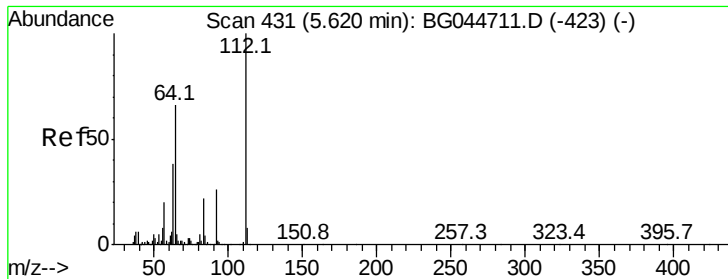
Ion Ratio Lower Upper

42 100

74 131.0 116.1 174.1

44 8.3 7.1 10.7





#5

2-Fluorophenol

Concen: 74.369 ng

RT: 5.62 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

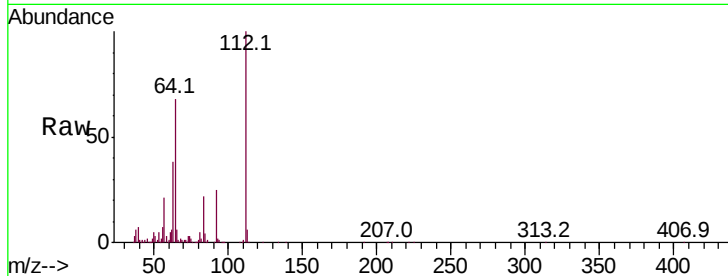
Tot Ion:112 Resp: 587784

Ion Ratio Lower Upper

112 100

64 68.0 52.6 78.8

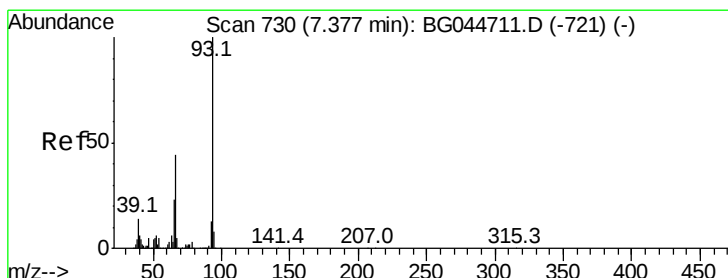
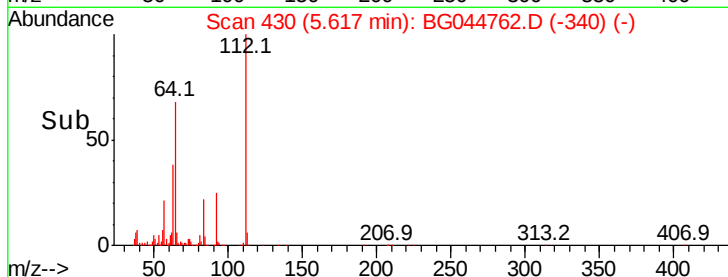
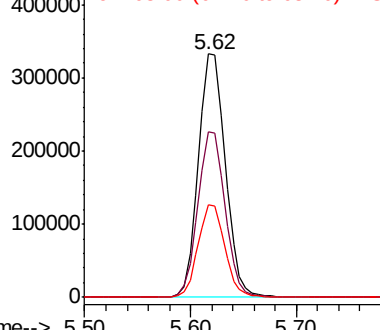
63 37.9 30.2 45.4



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: 36.193 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

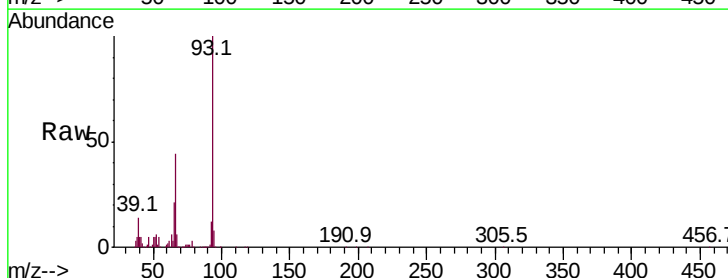
Tgt Ion: 93 Resp: 517163

Ion Ratio Lower Upper

93 100

66 43.6 35.3 52.9

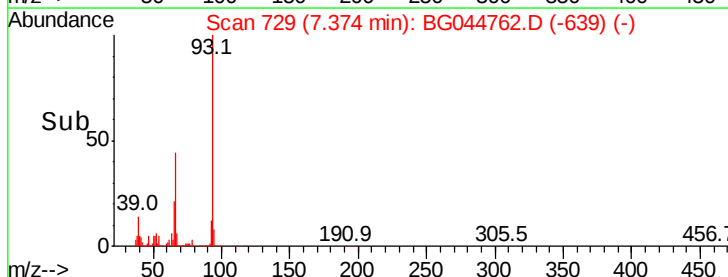
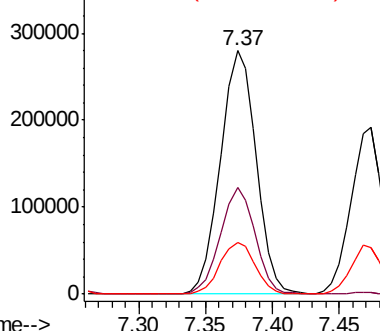
65 21.4 18.2 27.4

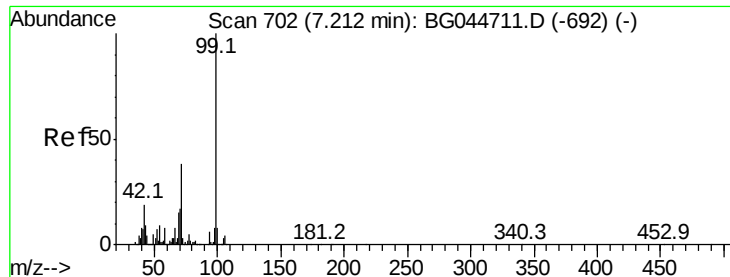


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.256 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

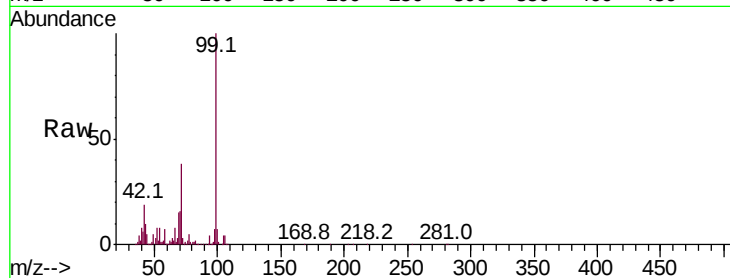
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 852709

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.4	23.0
71	37.8	30.2	45.4

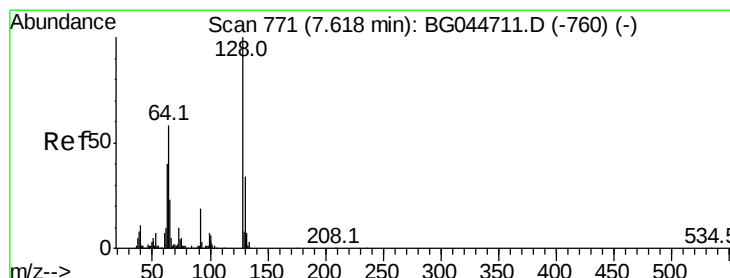
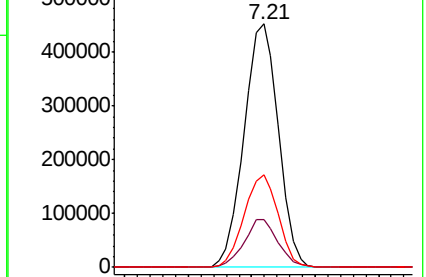
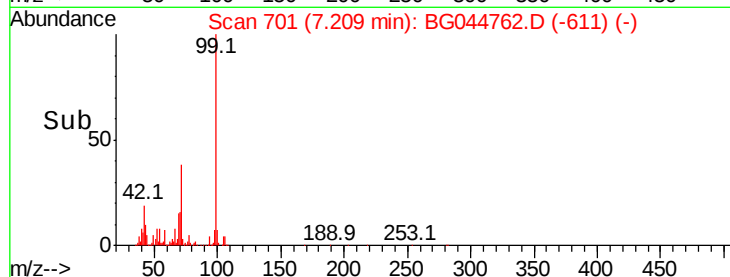


Abundance

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: 36.344 ng

RT: 7.61 min Scan# 770

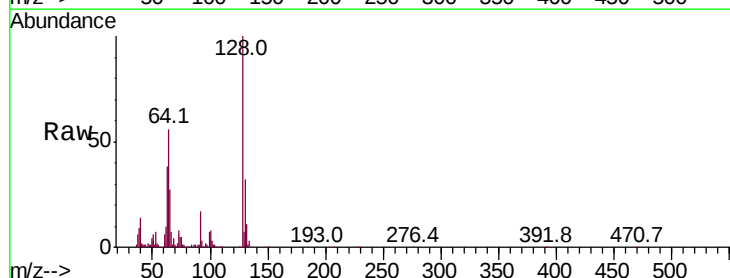
Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion: 128 Resp: 286746

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.6	53.6
64	55.7	38.6	78.6

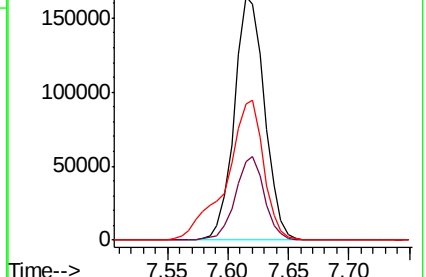
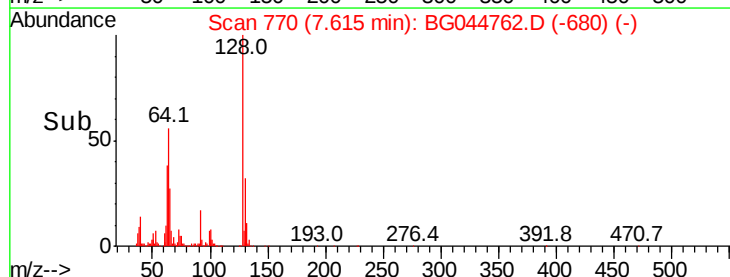


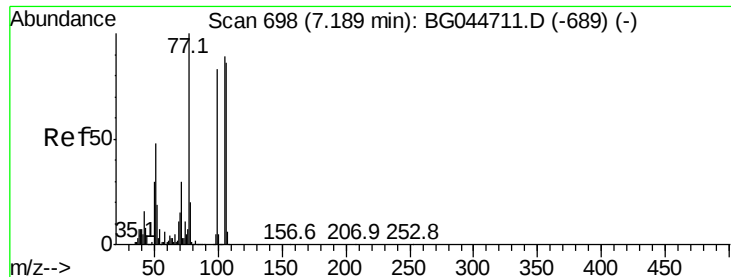
Abundance

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: 34.434 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

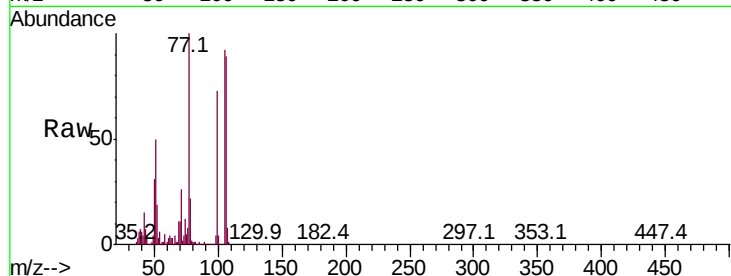
Tot Ion: 77 Resp: 250555

Ion Ratio Lower Upper

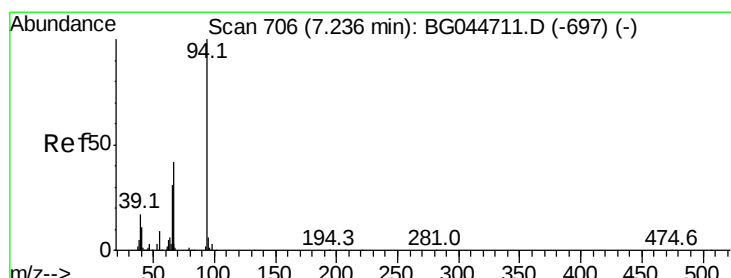
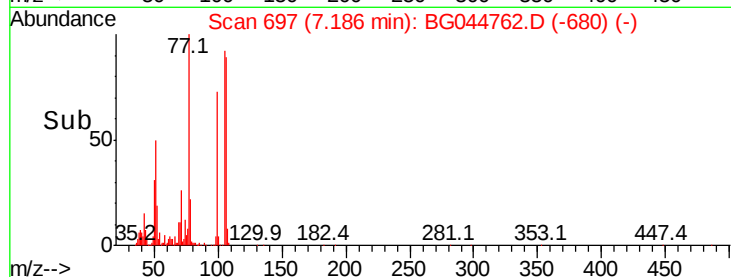
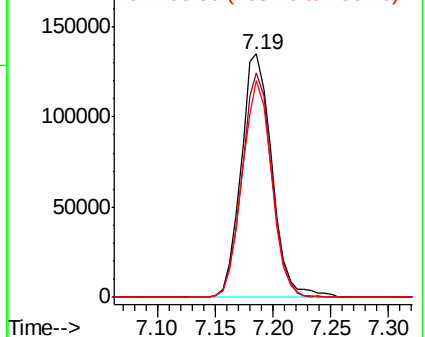
77 100

105 92.3 68.6 108.6

106 88.8 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: 36.556 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

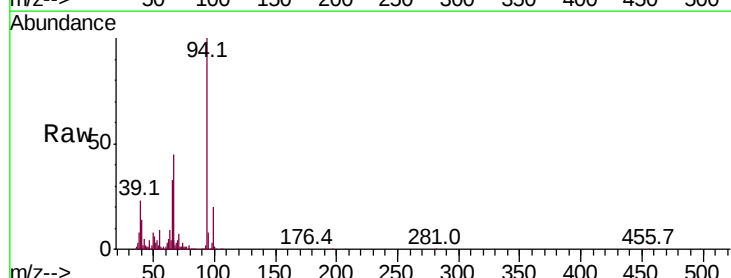
Tgt Ion: 94 Resp: 415605

Ion Ratio Lower Upper

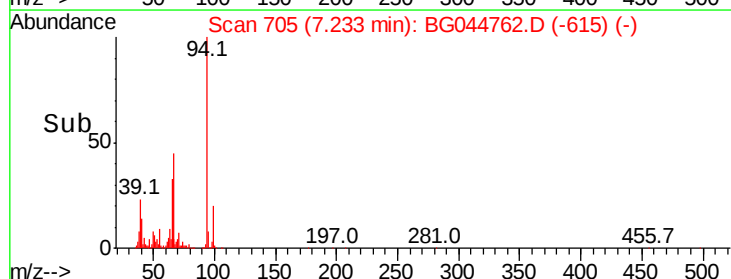
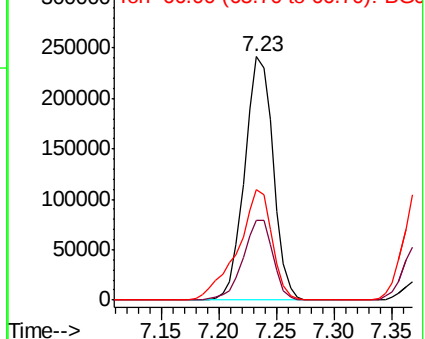
94 100

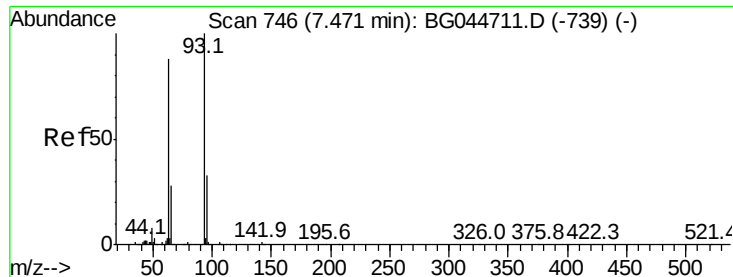
65 32.8 11.3 51.3

66 45.3 22.9 62.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 34.895 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

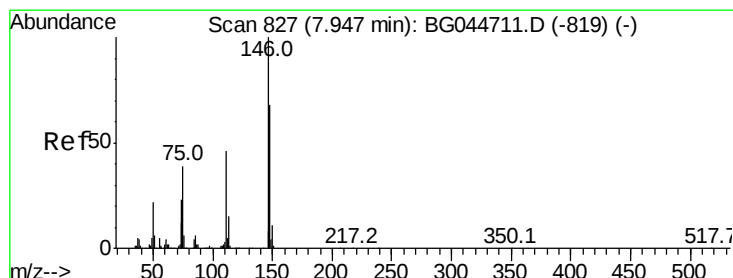
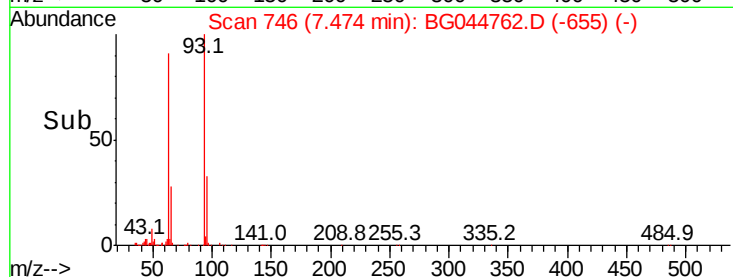
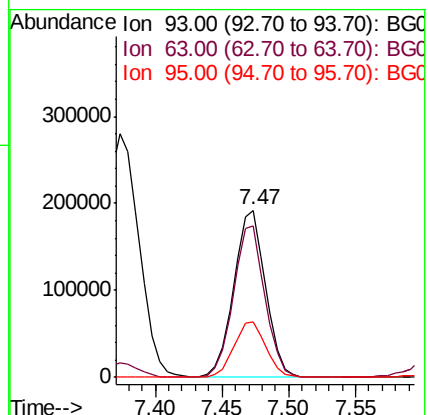
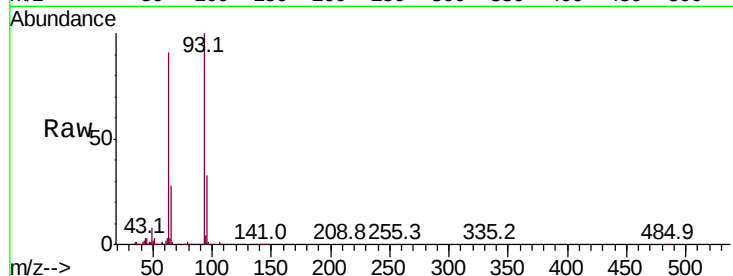
Tot Ion: 93 Resp: 316610

Ion Ratio Lower Upper

93 100

63 90.6 68.1 108.1

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 36.343 ng

RT: 7.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

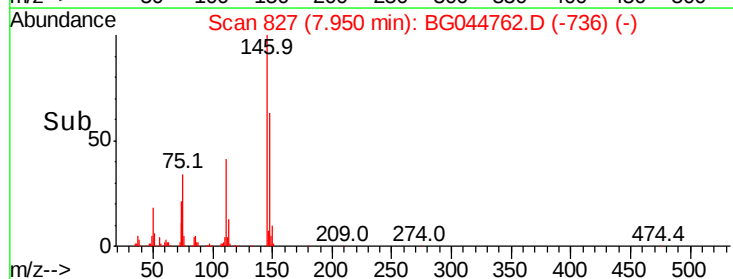
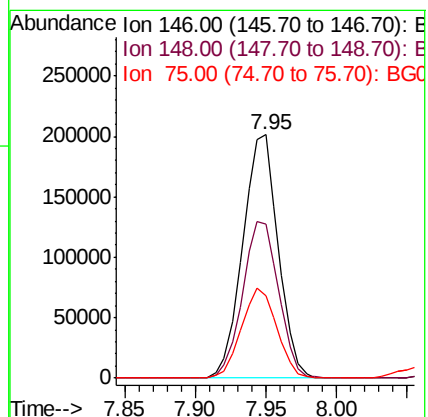
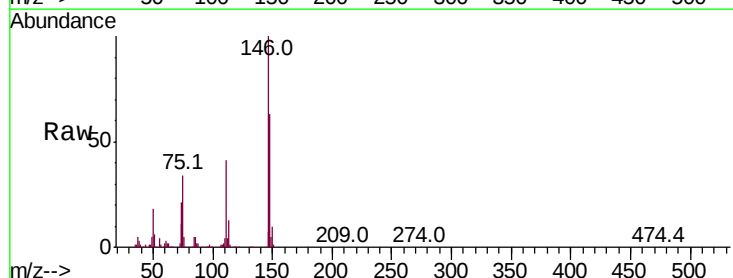
Tgt Ion: 146 Resp: 353221

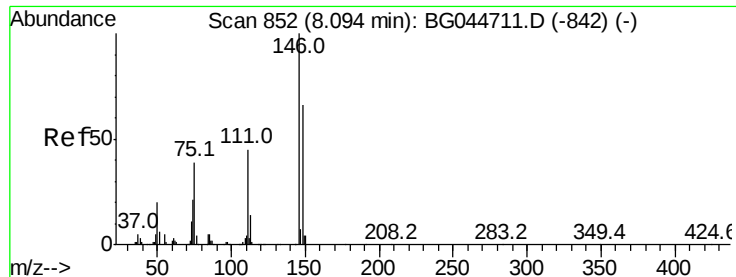
Ion Ratio Lower Upper

146 100

148 63.4 54.2 81.2

75 33.7 31.3 46.9

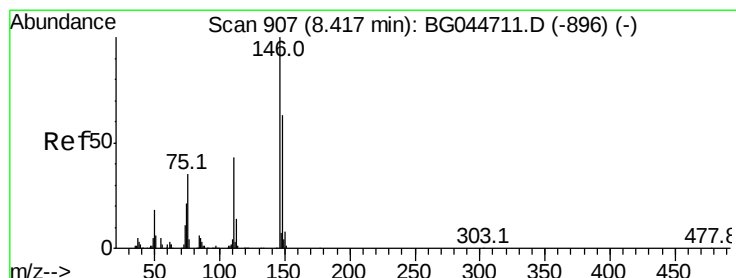
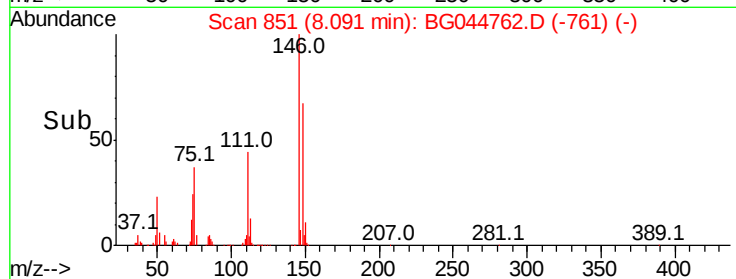
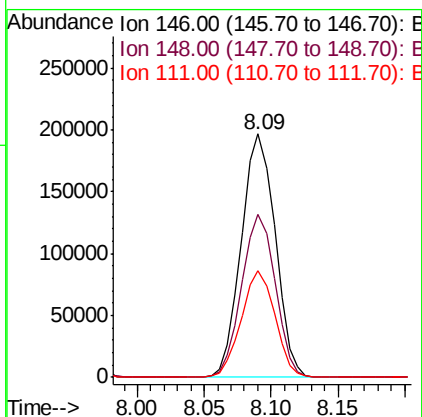
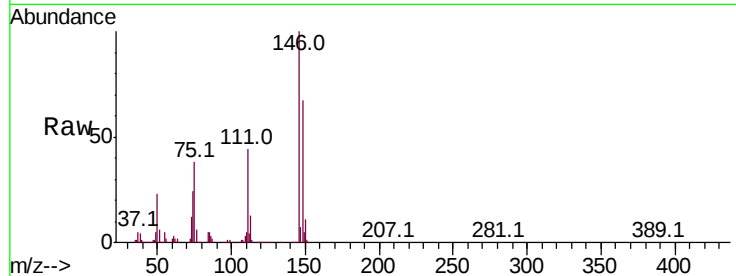




#13
 1,4-Dichlorobenzene
 Concen: 35.969 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044762.D
 Acq: 13 Mar 2020 9:23

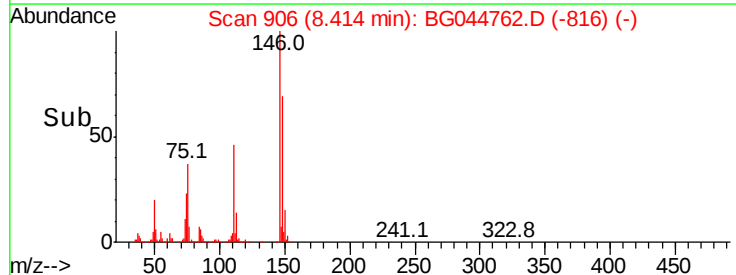
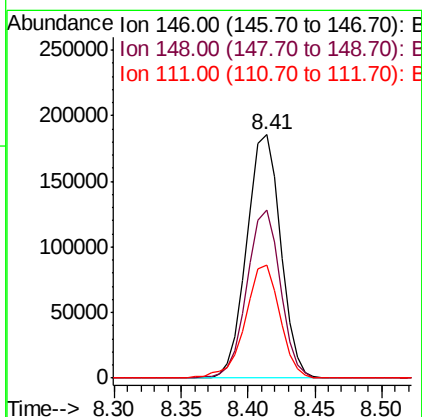
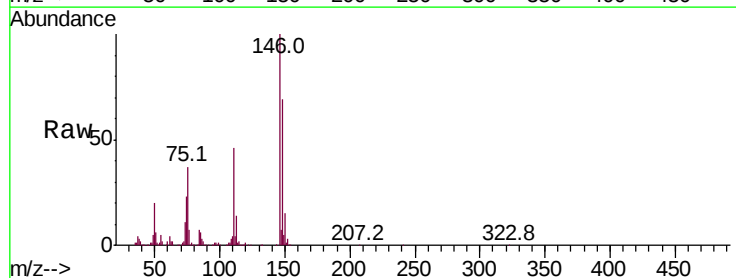
Instrument :
 BNA_G
 ClientSampleId :

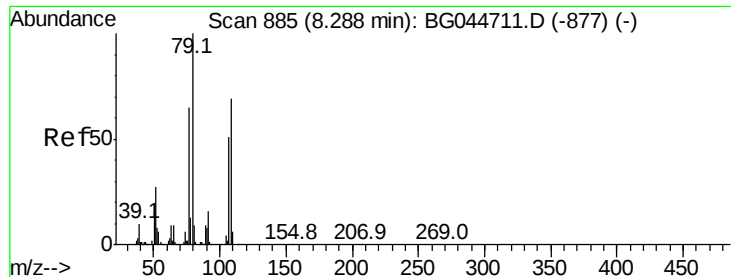
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.9	79.3
111	43.8	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 35.687 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG044762.D
 Acq: 13 Mar 2020 9:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	50.8	76.2
111	46.2	34.8	52.2





#15

Benzyl Alcohol

Concen: 37.227 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampled :

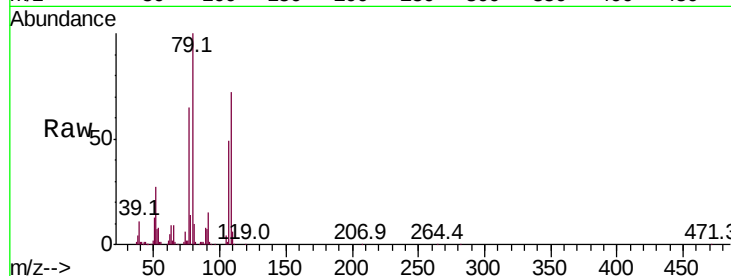
Tot Ion: 79 Resp: 343000

Ion Ratio Lower Upper

79 100

108 71.8 55.4 83.0

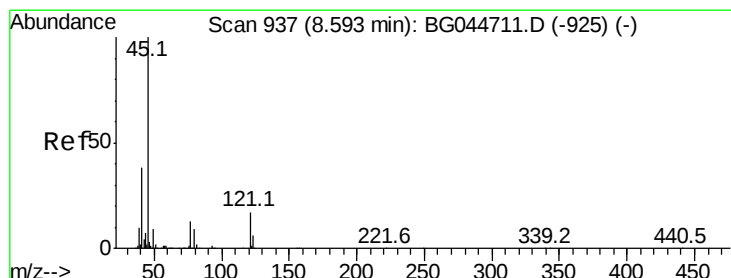
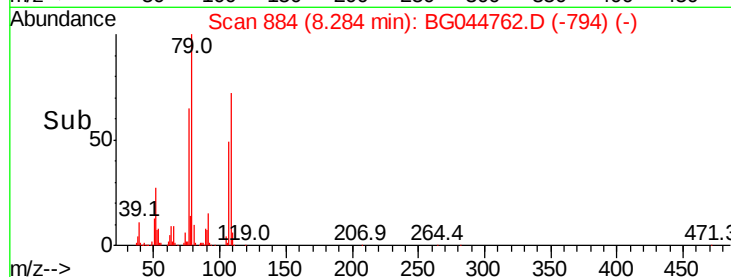
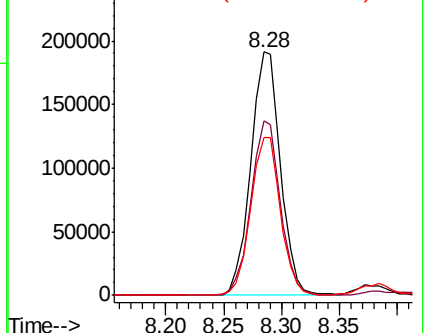
77 64.9 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.334 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

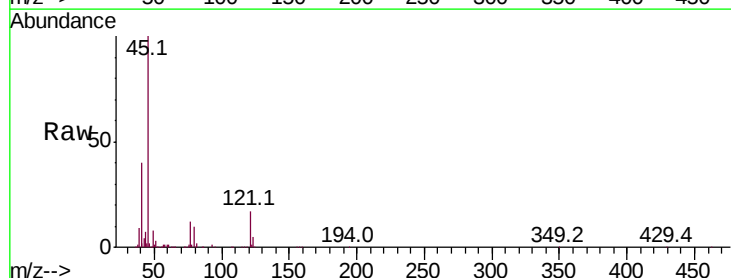
Tgt Ion: 45 Resp: 581773

Ion Ratio Lower Upper

45 100

77 12.3 0.0 33.4

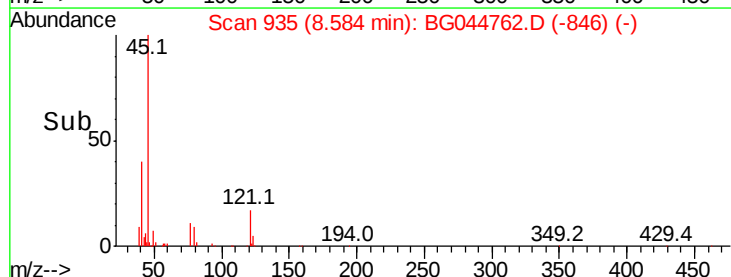
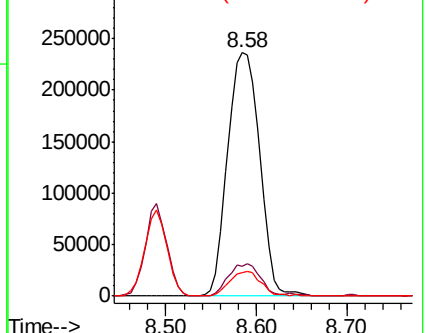
79 9.7 0.0 30.0

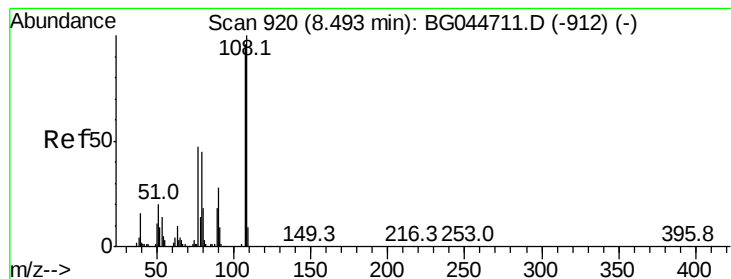


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 36.990 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 284860

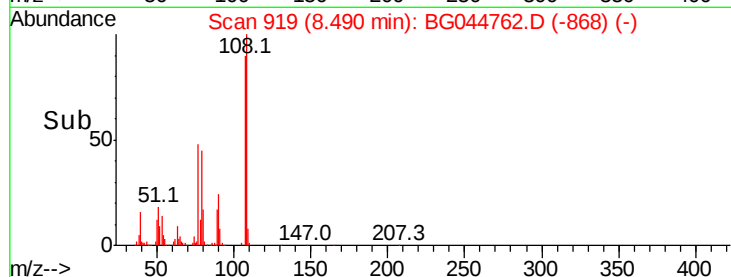
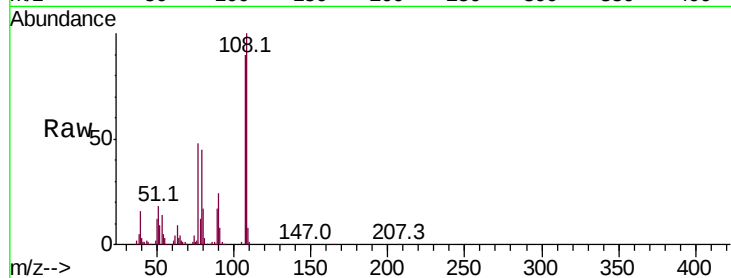
Ion Ratio Lower Upper

107 100

108 110.7 83.2 124.8

77 53.4 39.0 58.6

79 50.0 37.6 56.4

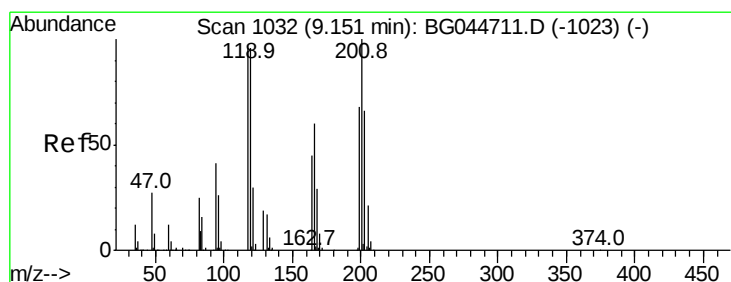
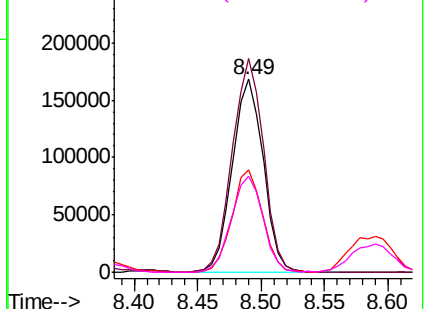


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.136 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

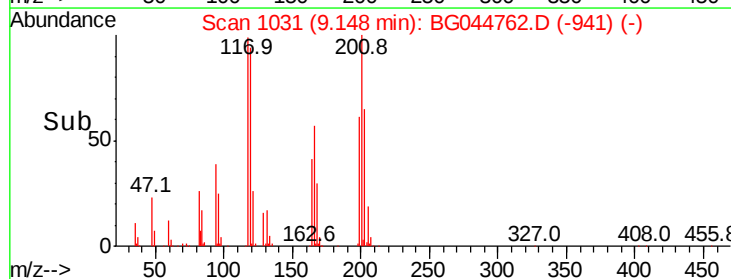
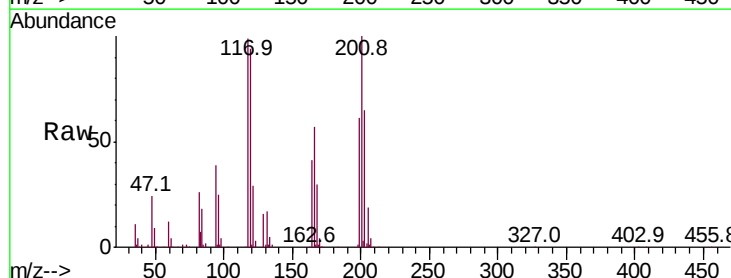
Tgt Ion:117 Resp: 140482

Ion Ratio Lower Upper

117 100

119 94.1 80.2 120.4

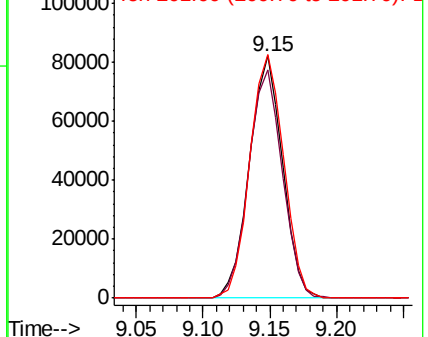
201 100.6 83.4 125.2

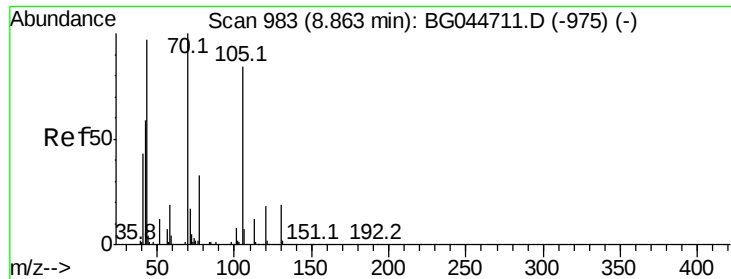


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

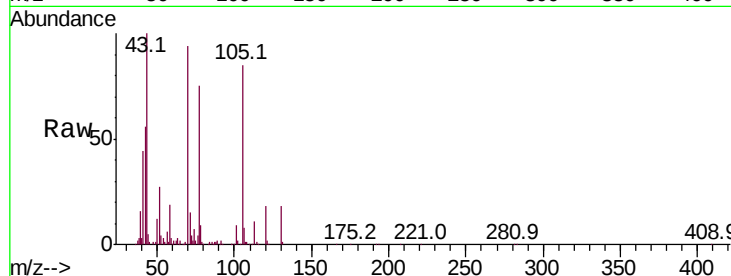




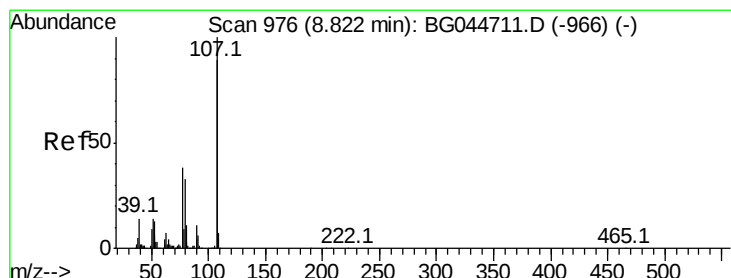
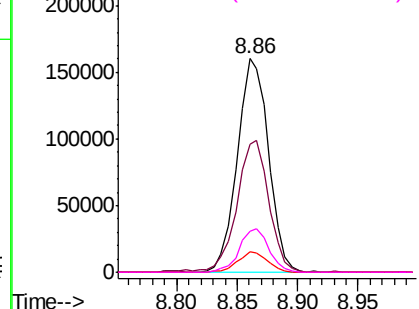
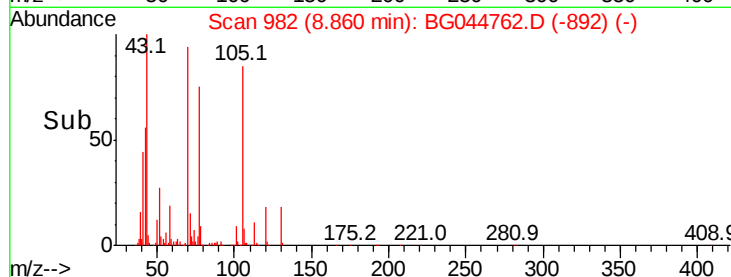
#19
n-Nitroso-di-n-propylamine
Concen: 35.539 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 288167
Ion Ratio Lower Upper
70 100
42 60.0 47.6 71.4
101 9.8 6.5 9.7#
130 19.0 15.0 22.4

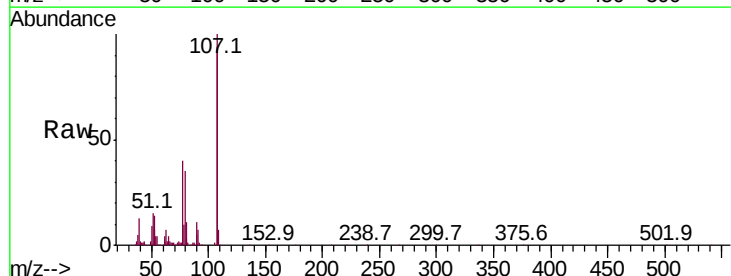


Abundance Ion 70.00 (69.70 to 70.70): BGC
250000 Ion 42.00 (41.70 to 42.70): BGC
200000 Ion 101.00 (100.70 to 101.70): BGC
150000 Ion 130.00 (129.70 to 130.70): BGC

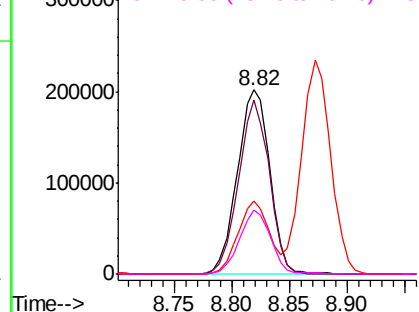
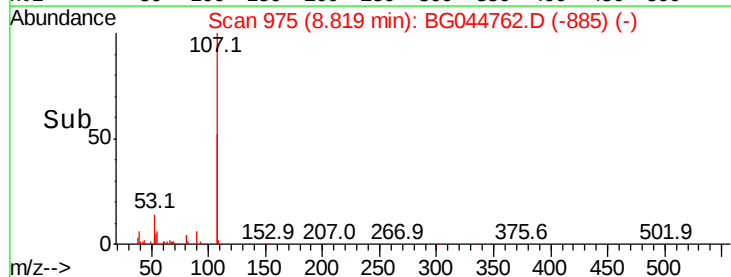


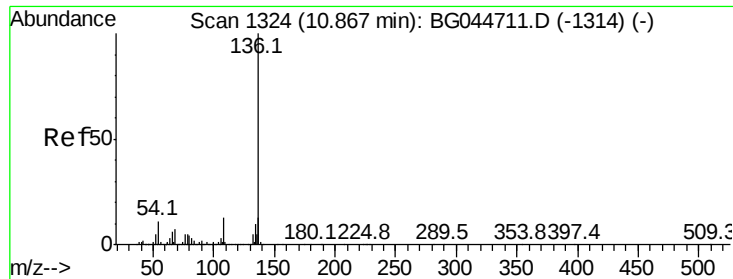
#20
3+4-Methylphenols
Concen: 37.029 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion: 107 Resp: 393091
Ion Ratio Lower Upper
107 100
108 94.3 69.1 109.1
77 40.0 17.7 57.7
79 35.1 13.0 53.0



Abundance Ion 107.00 (106.70 to 107.70): BGC
300000 Ion 108.00 (107.70 to 108.70): BGC
200000 Ion 77.00 (76.70 to 77.70): BGC
100000 Ion 79.00 (78.70 to 79.70): BGC

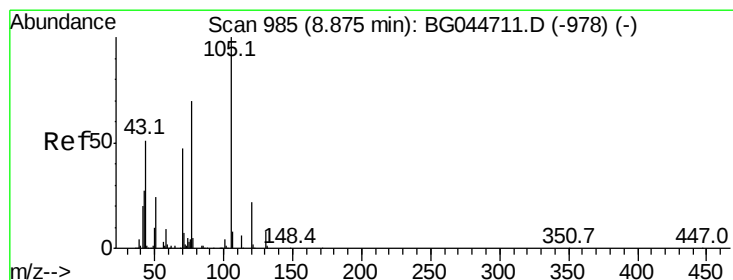
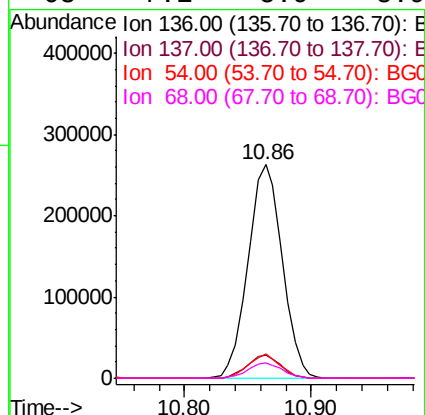
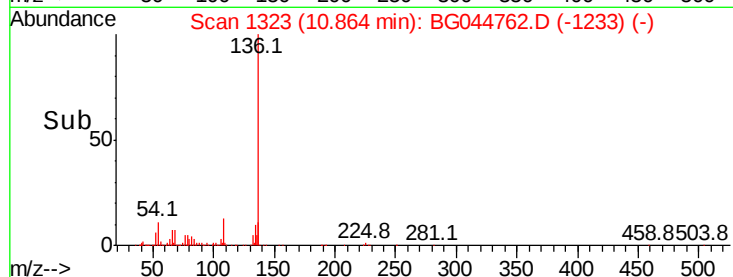
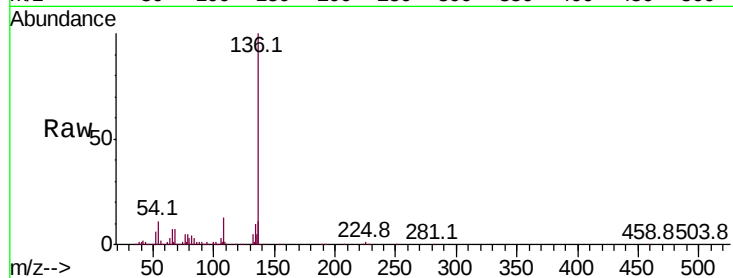




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

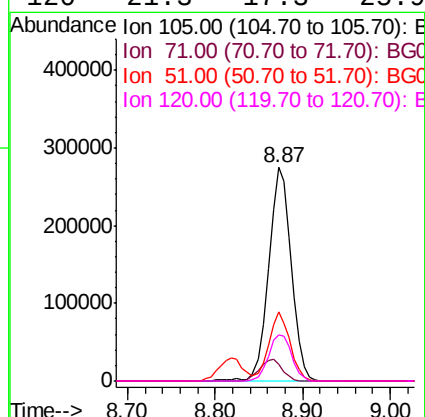
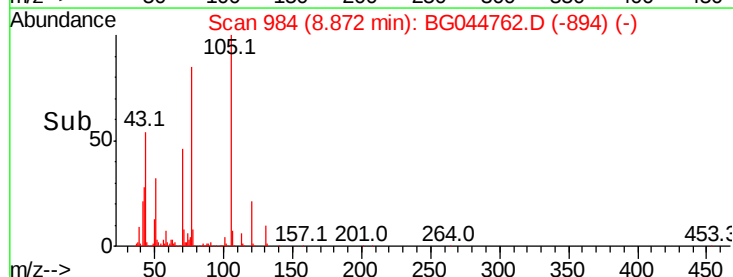
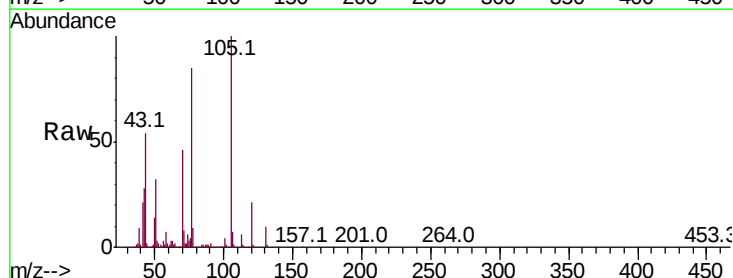
Instrument :
BNA_G
ClientSampleId :

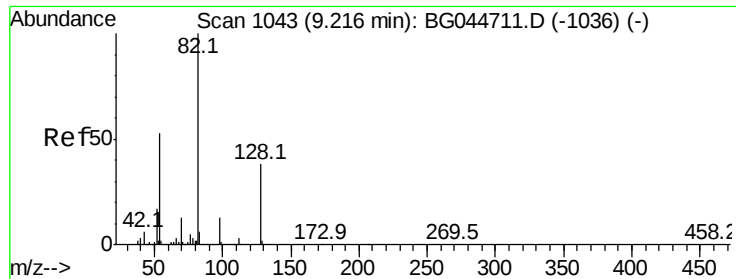
Tot Ion:136	Resp:	493708	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	10.7	16.1	
54 11.1	9.0	13.4	
68 7.1	5.9	8.9	



#22
Acetophenone
Concen: 35.046 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt	Ion:105	Resp:	490184
Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.8	8.8
51	32.1	23.8	35.8
120	21.3	17.3	25.9





#23

Nitrobenzene-d5

Concen: 74.682 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

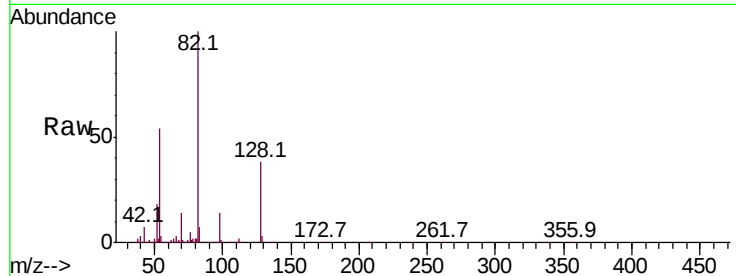
Tot Ion: 82 Resp: 840242

Ion Ratio Lower Upper

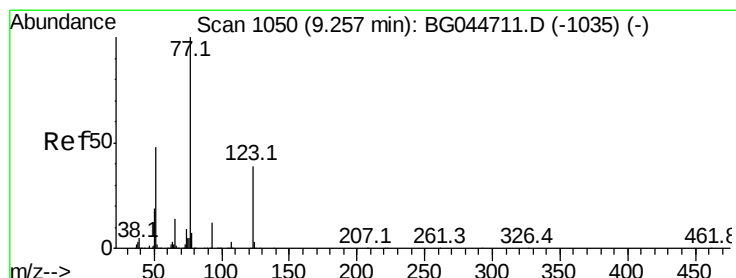
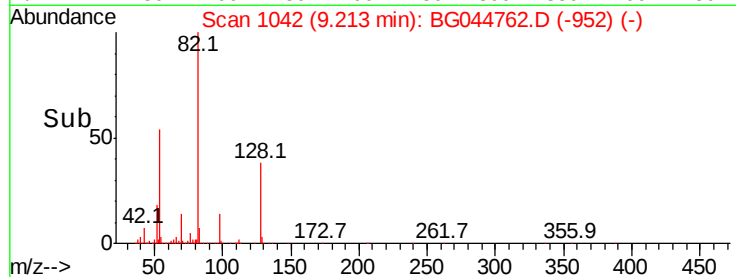
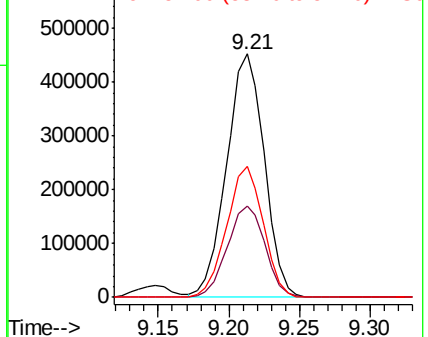
82 100

128 37.6 30.2 45.2

54 53.5 41.8 62.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 36.314 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

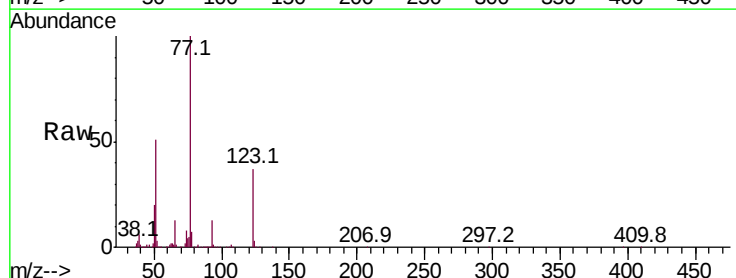
Tgt Ion: 77 Resp: 423932

Ion Ratio Lower Upper

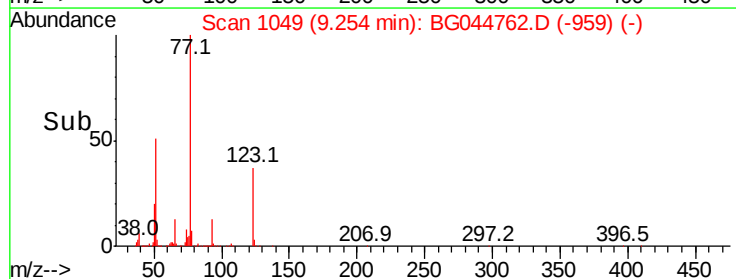
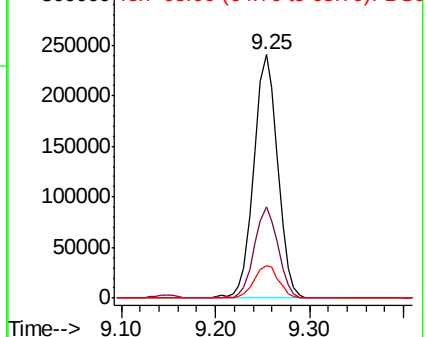
77 100

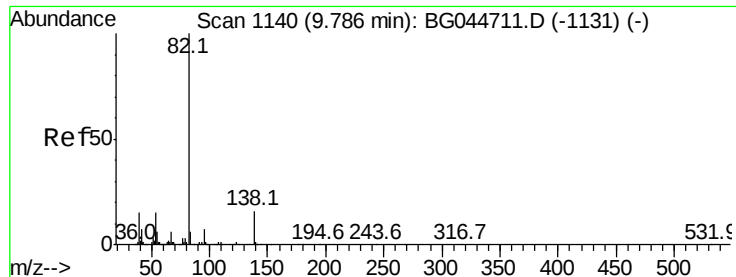
123 37.4 31.5 47.3

65 13.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 35.140 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampled :

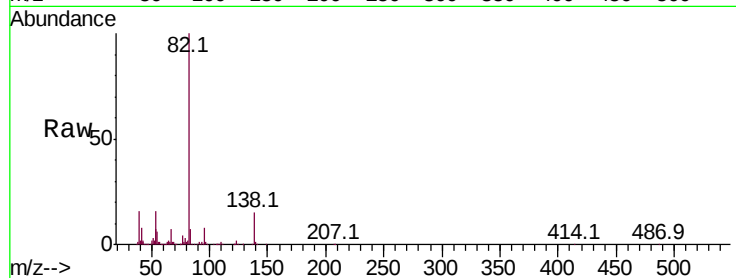
Tot Ion: 82 Resp: 771623

Ion Ratio Lower Upper

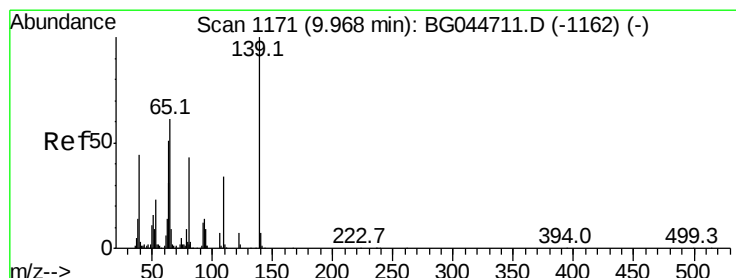
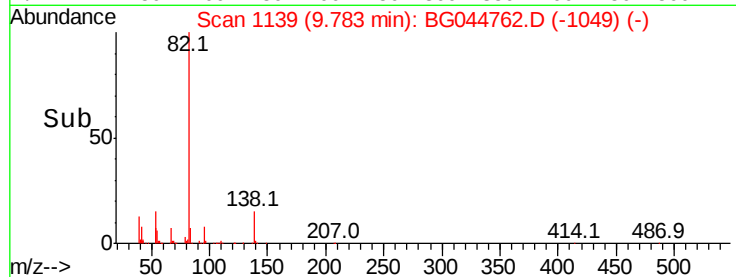
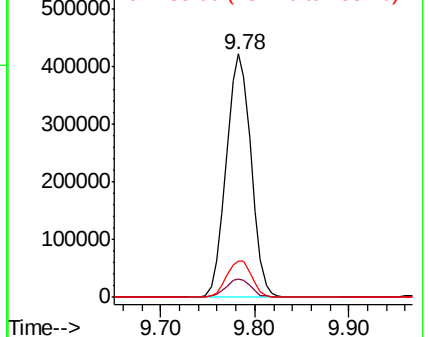
82 100

95 7.7 5.6 8.4

138 15.1 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: 41.408 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

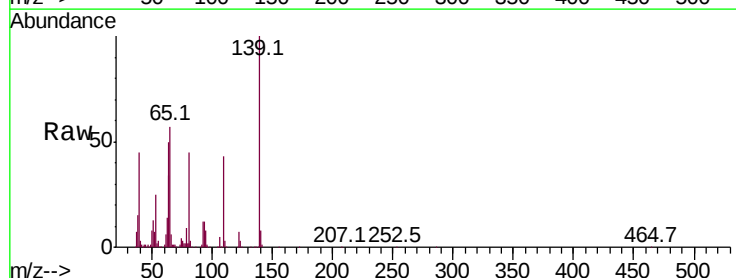
Tgt Ion: 139 Resp: 164354

Ion Ratio Lower Upper

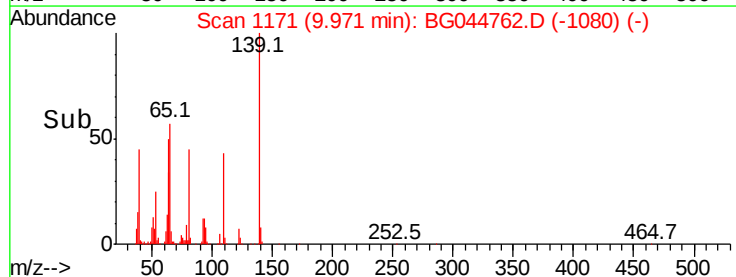
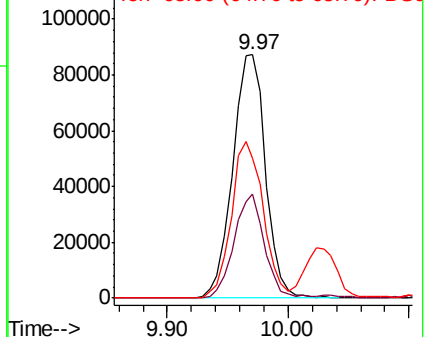
139 100

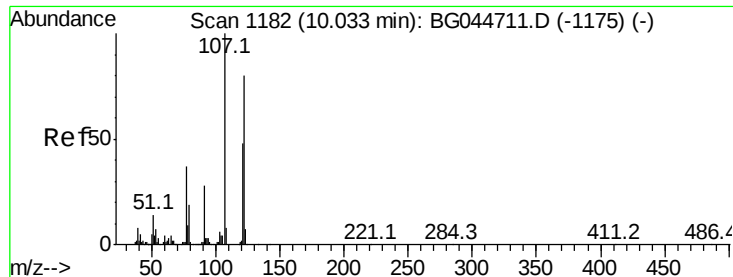
109 42.6 27.0 40.4#

65 57.2 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

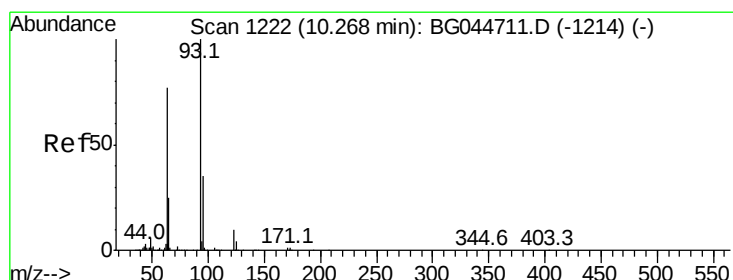
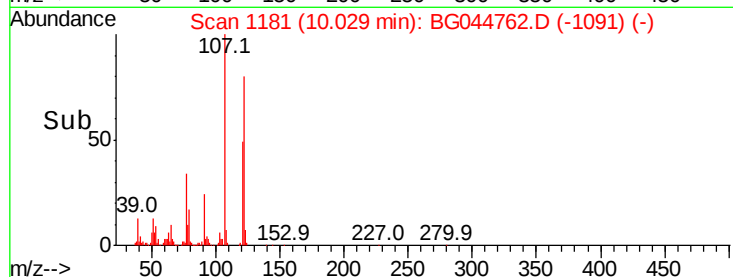
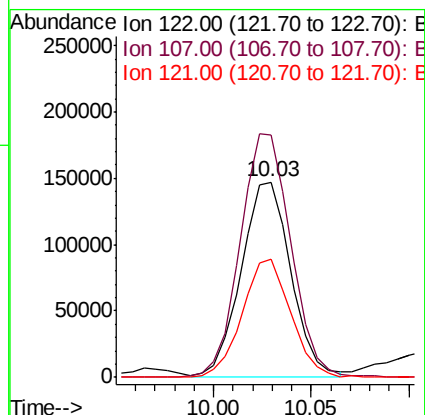
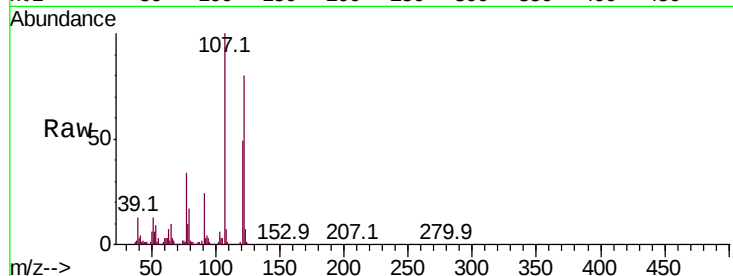




#27
 2,4-Dimethylphenol
 Concen: 36.052 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG044762.D
 Acq: 13 Mar 2020 9:23

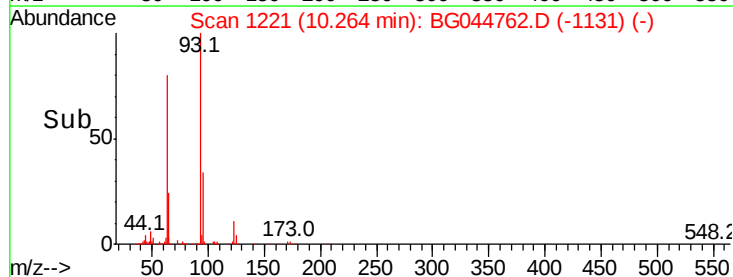
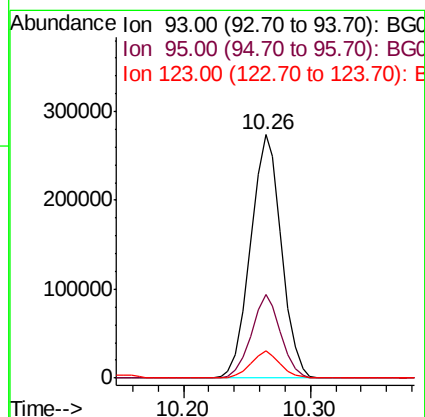
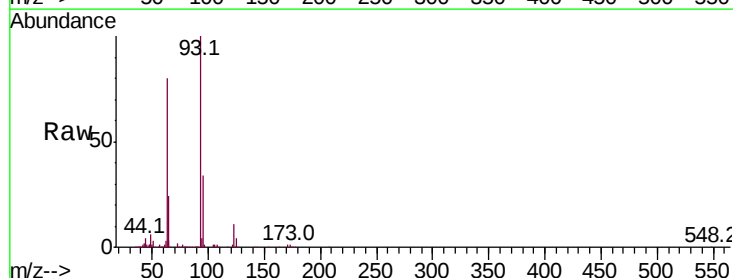
Instrument :
 BNA_G
 ClientSampleId :

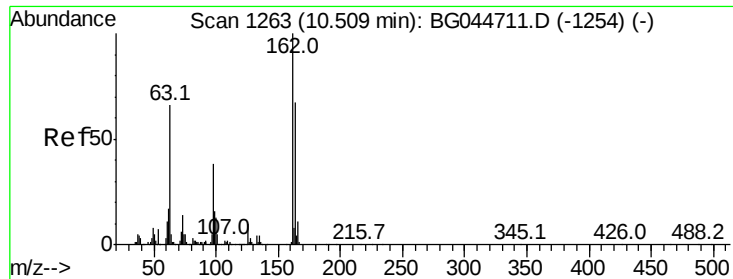
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.4	99.0	148.6
121	60.5	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.319 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG044762.D
 Acq: 13 Mar 2020 9:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	27.7	41.5
123	11.3	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 37.648 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampled :

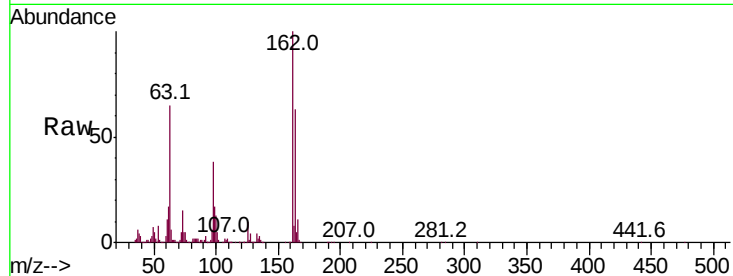
Tot Ion:162 Resp: 314451

Ion Ratio Lower Upper

162 100

164 62.6 46.5 86.5

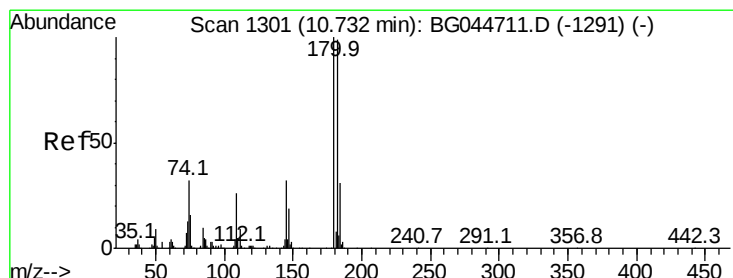
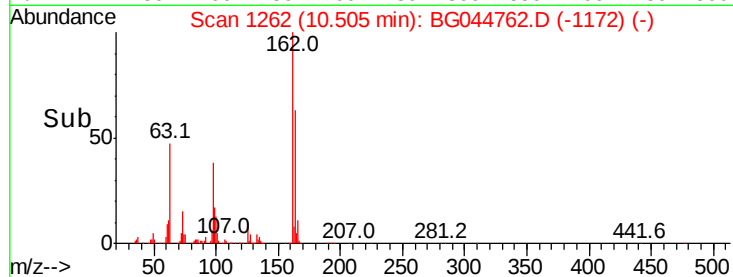
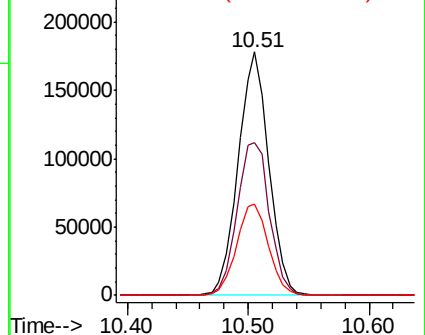
98 37.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 36.662 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

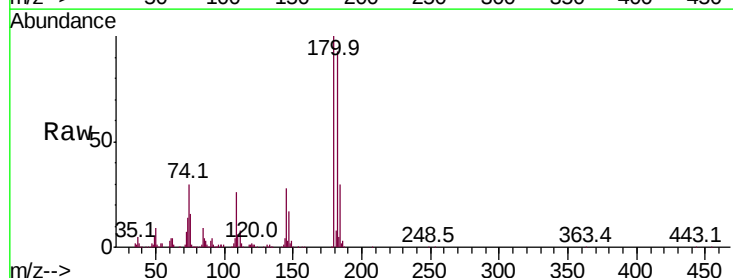
Tgt Ion:180 Resp: 366142

Ion Ratio Lower Upper

180 100

182 93.0 78.8 118.2

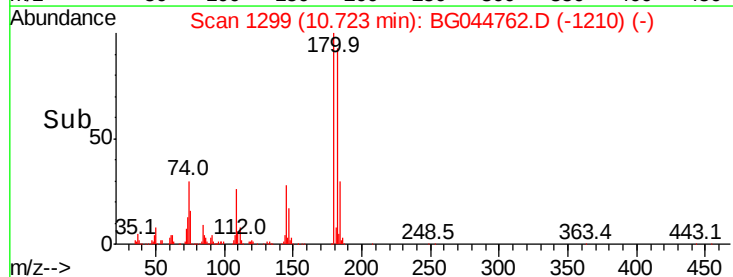
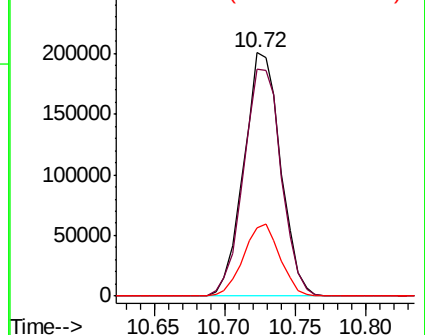
145 27.9 25.4 38.0

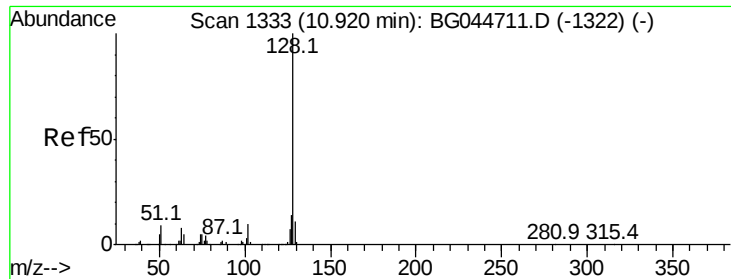


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

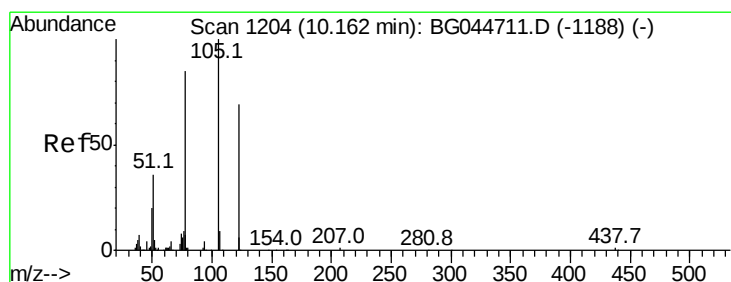
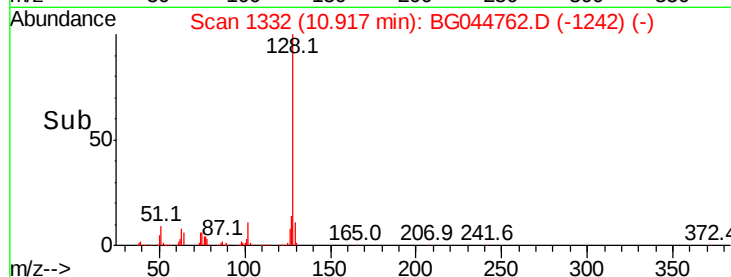
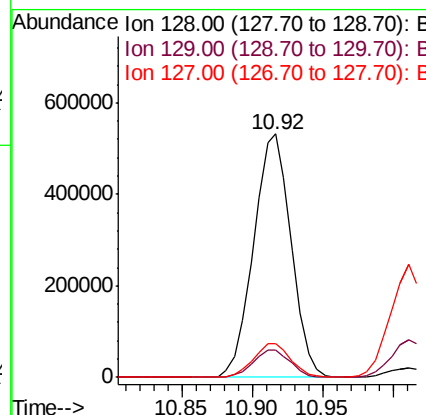
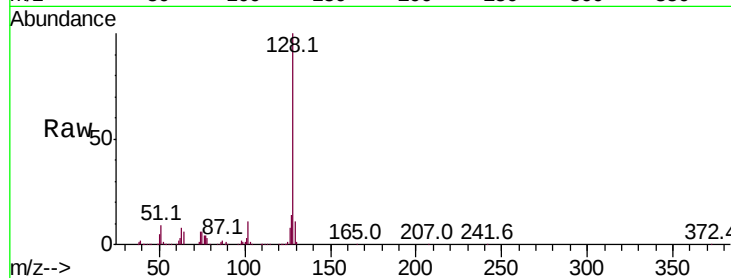




#31
Naphthalene
Concen: 36.162 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

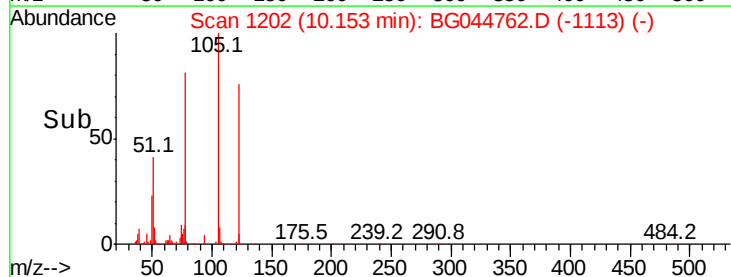
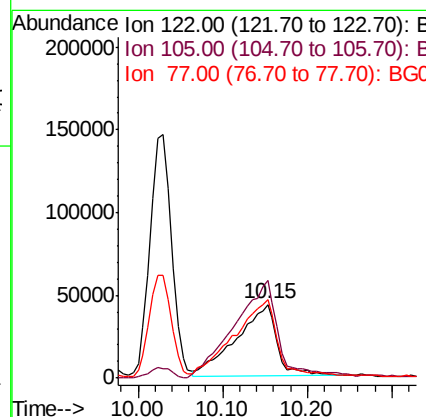
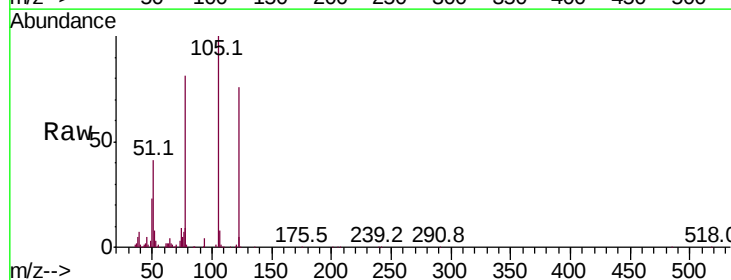
Instrument :
BNA_G
ClientSampleId :

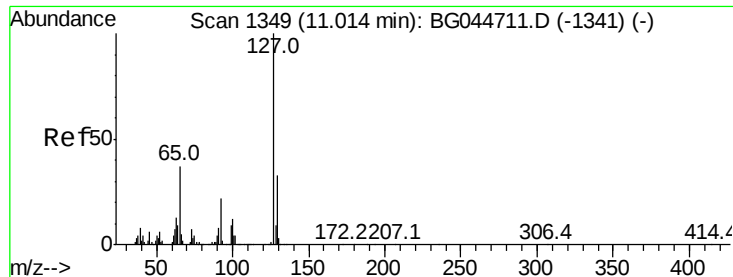
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.7	11.0	16.6



#32
Benzoic acid
Concen: 30.800 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.2	119.0	159.0
77	107.7	96.4	136.4

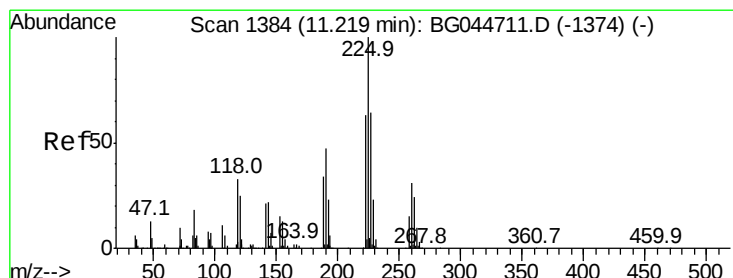
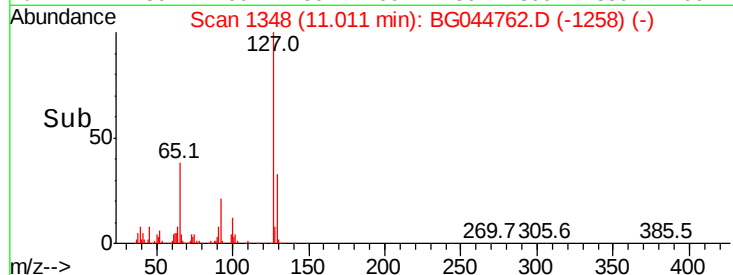
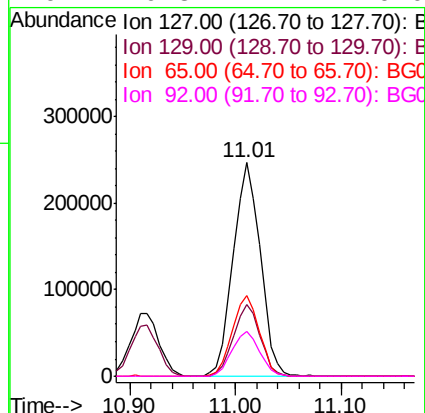
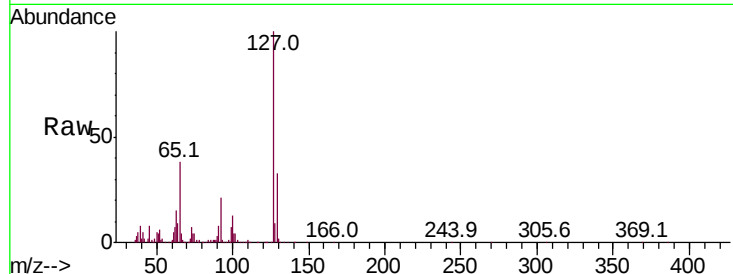




#33
4-Chloroaniline
Concen: 35.541 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

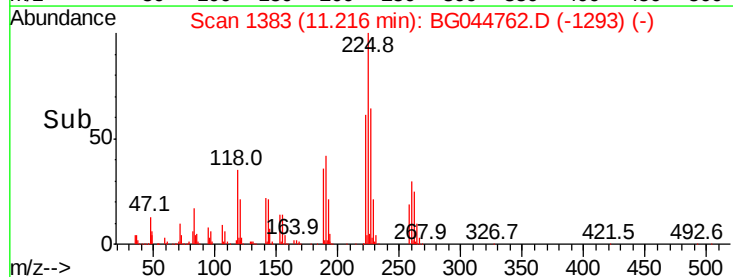
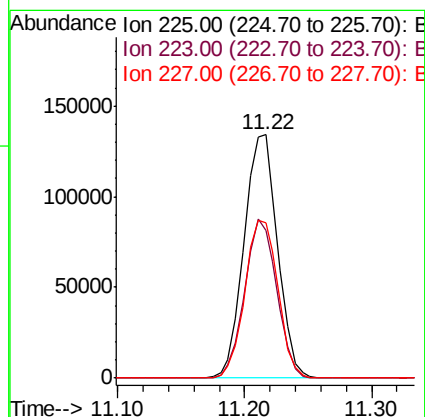
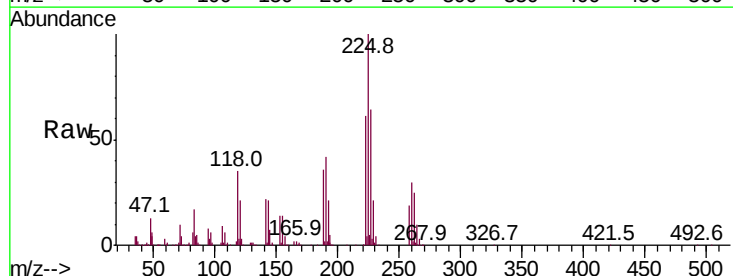
Instrument :
BNA_G
ClientSampleId :

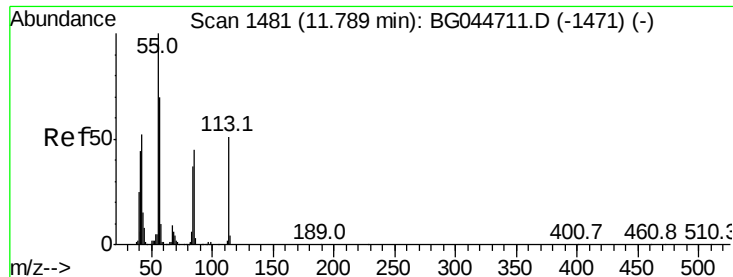
Tot Ion:127	Resp:	437924
Ion Ratio	Lower	Upper
127	100	
129	33.4	26.2 39.4
65	37.8	29.6 44.4
92	20.8	17.4 26.0



#34
Hexachlorobutadiene
Concen: 37.323 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion:225	Resp:	245126
Ion Ratio	Lower	Upper
225	100	
223	60.6	50.6 76.0
227	63.8	51.6 77.4

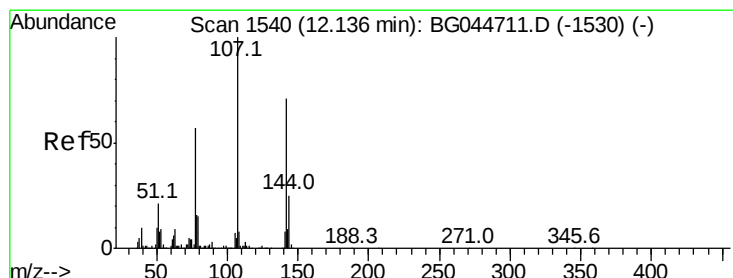
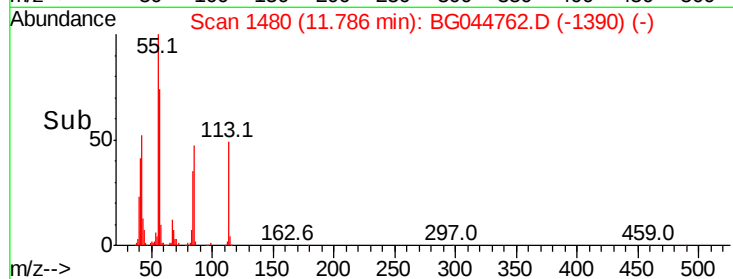
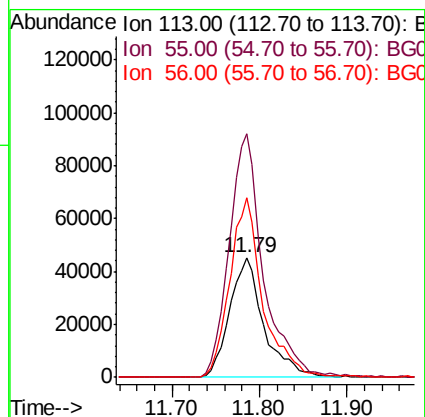
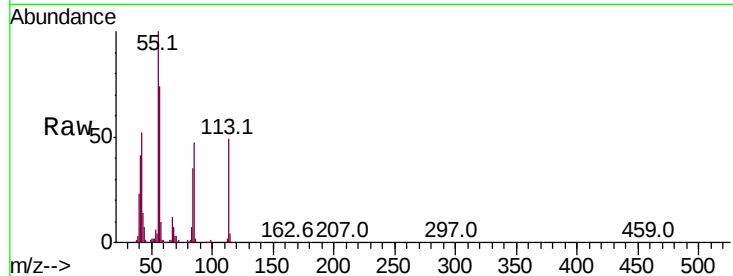




#35
Caprolactam
Concen: 38.066 ng
RT: 11.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

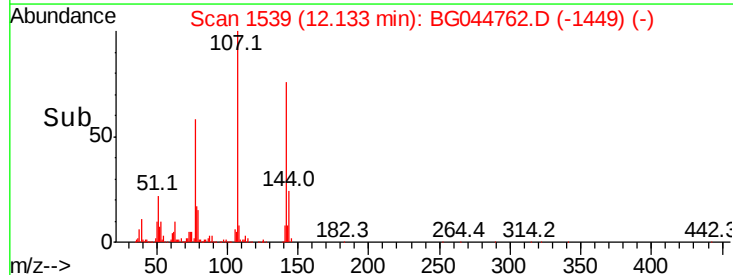
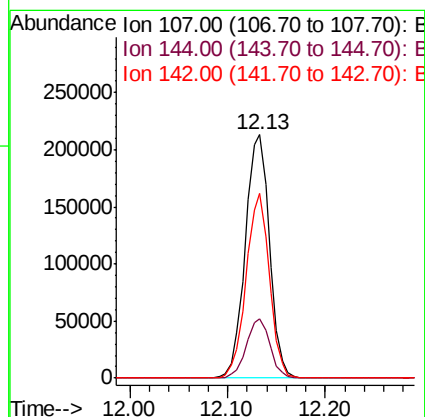
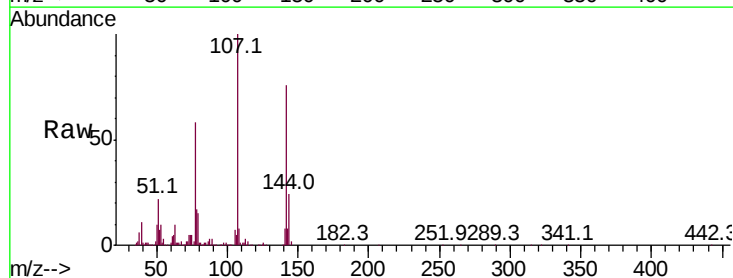
Instrument :
BNA_G
ClientSampled :

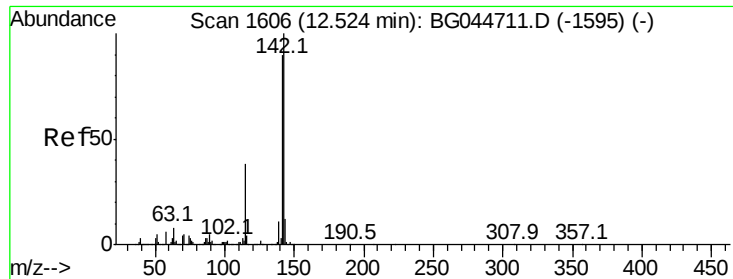
Tot Ion:113 Resp: 120377
Ion Ratio Lower Upper
113 100
55 203.8 178.4 218.4
56 150.2 117.7 157.7



#36
4-Chloro-3-methylphenol
Concen: 37.168 ng
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion:107 Resp: 370249
Ion Ratio Lower Upper
107 100
144 24.3 19.6 29.4
142 75.7 56.5 84.7

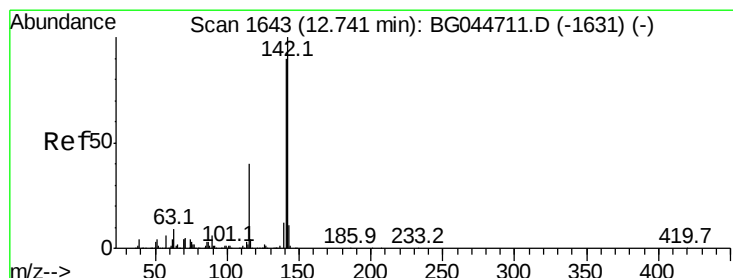
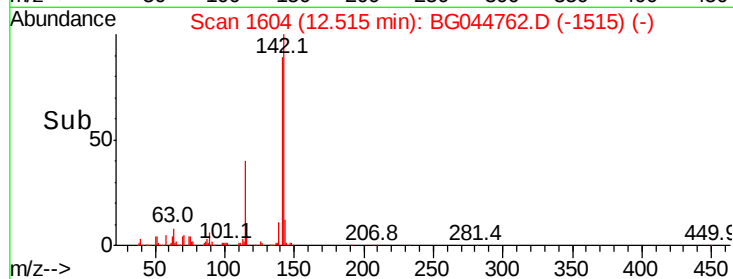
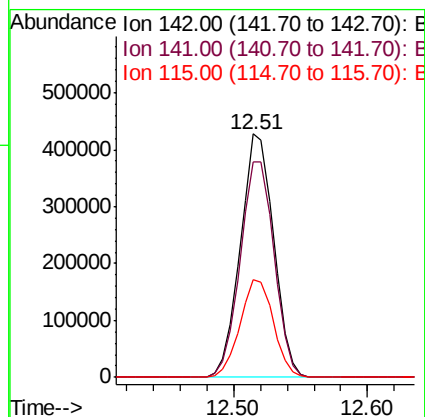
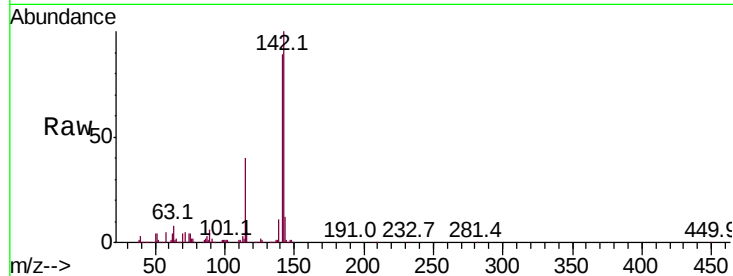




#37
 2-Methylnaphthalene
 Concen: 35.973 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG044762.D
 Acq: 13 Mar 2020 9:23

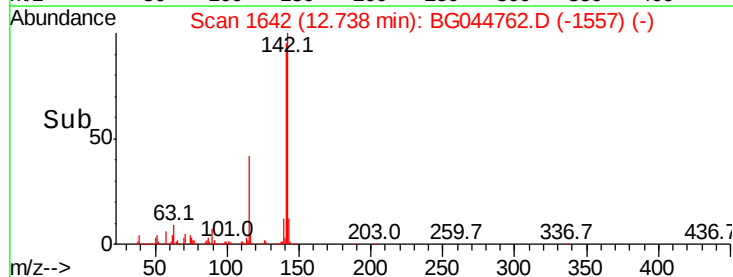
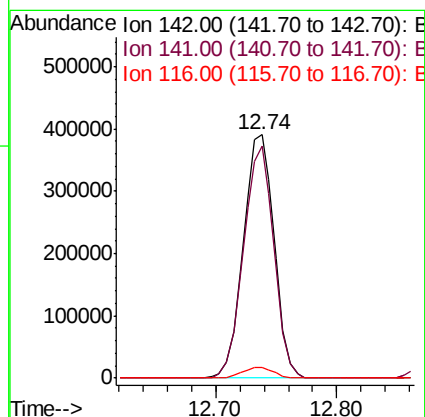
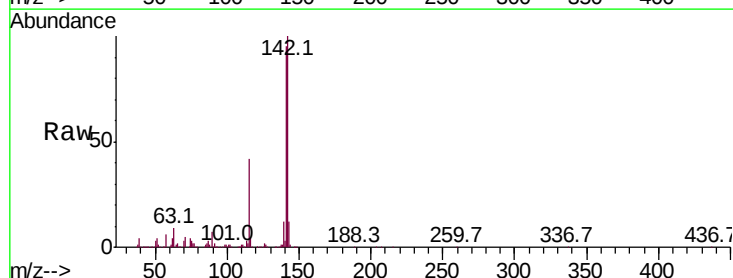
Instrument :
 BNA_G
 ClientSampled :

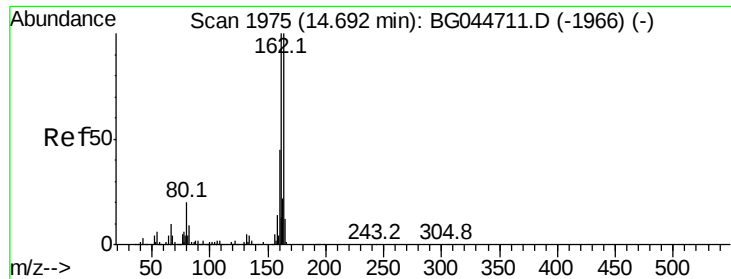
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.3	108.5
115	40.1	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 36.053 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG044762.D
 Acq: 13 Mar 2020 9:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	72.2	108.2
116	4.4	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

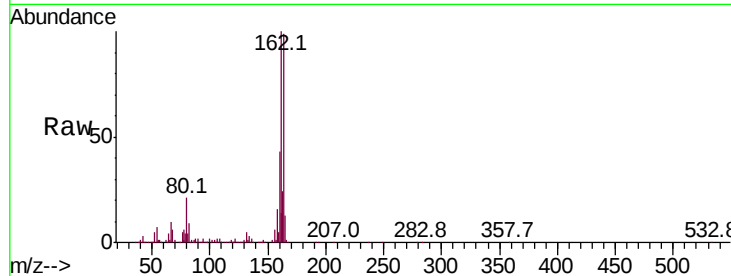
Tot Ion:164 Resp: 333133

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.4

160 43.7 36.2 54.2

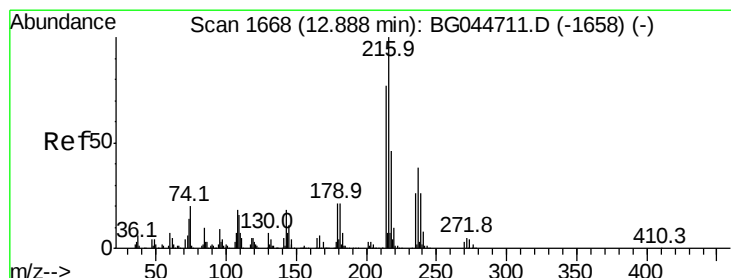
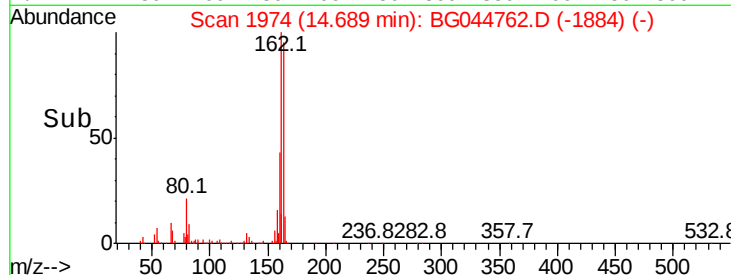
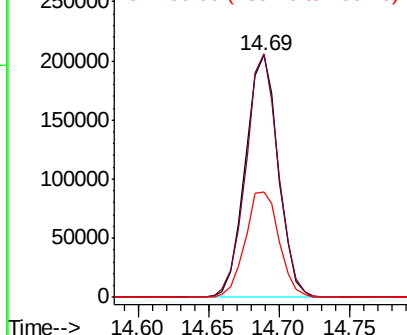


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.389 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion:216 Resp: 399227

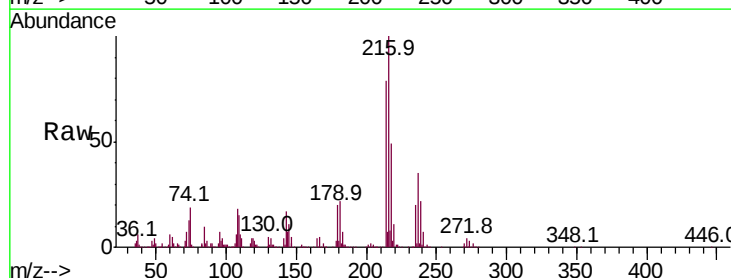
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 21.0 16.6 24.8

108 19.2 15.6 23.4



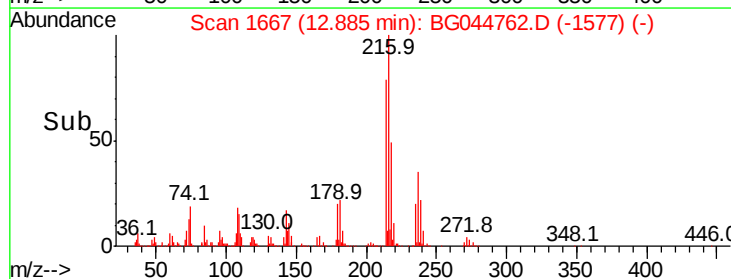
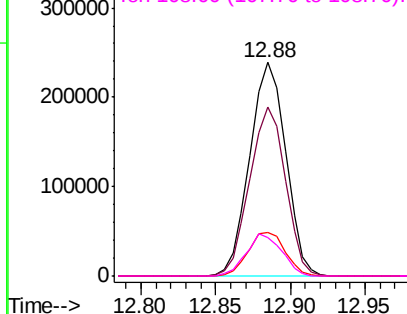
Abundance

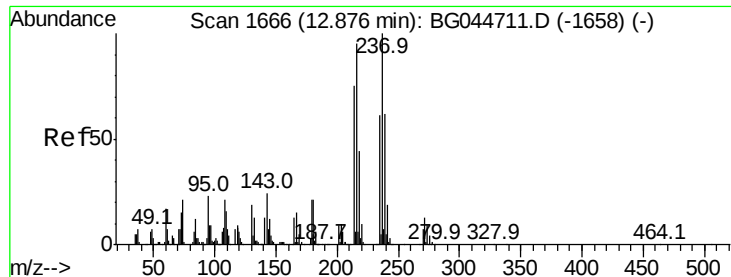
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.039 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

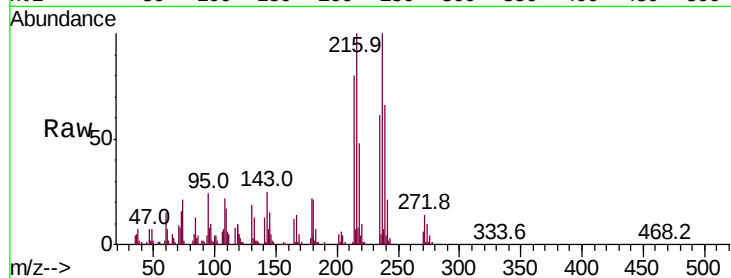
Tot Ion:237 Resp: 222075

Ion Ratio Lower Upper

237 100

235 61.2 40.6 80.6

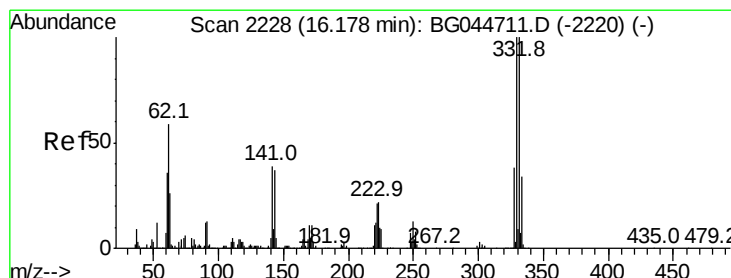
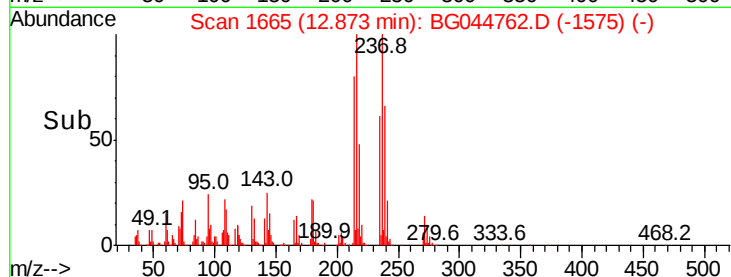
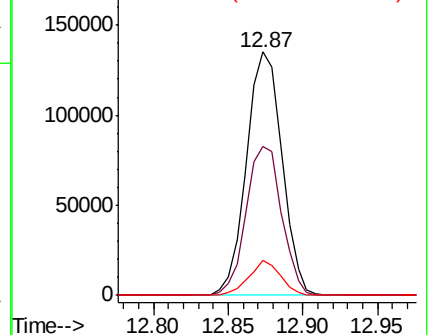
272 14.2 0.0 32.5



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: 78.858 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

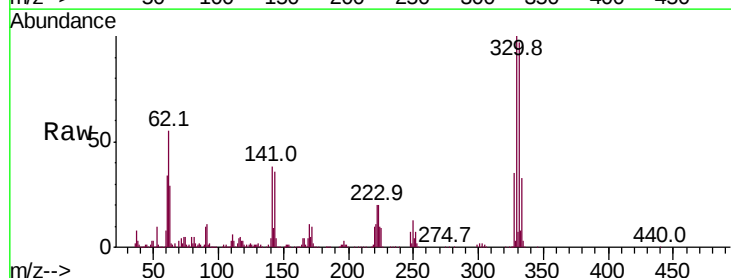
Tgt Ion:330 Resp: 343966

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

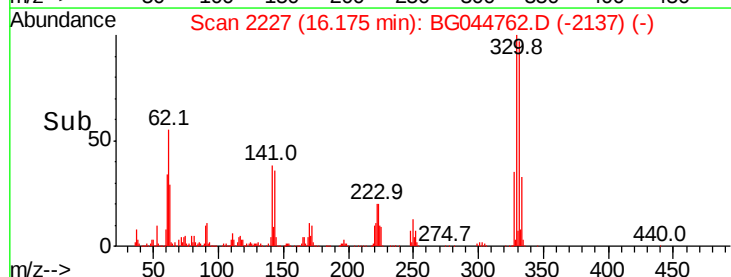
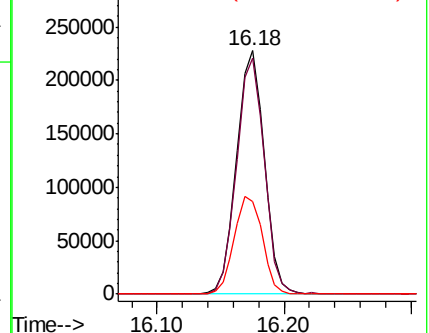
141 41.0 31.7 47.5

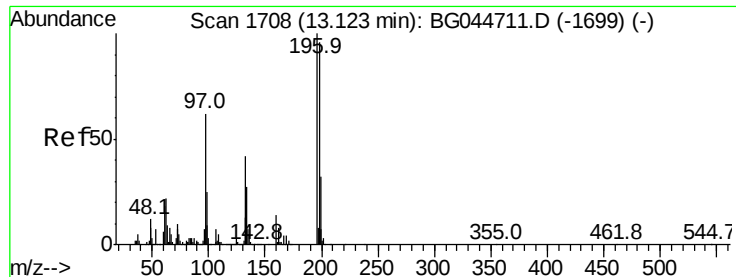


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

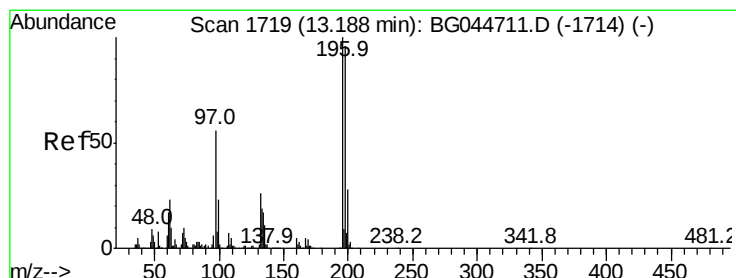
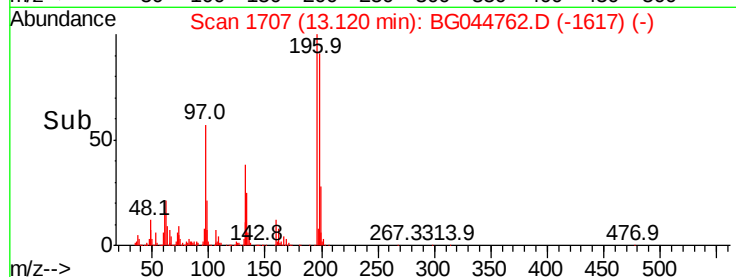
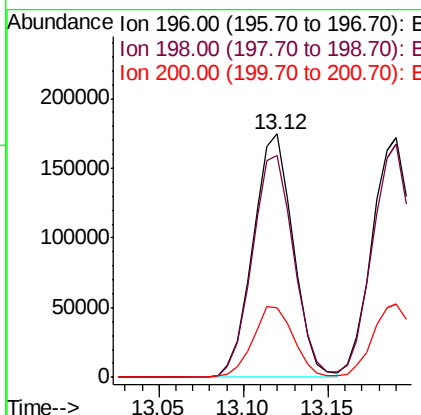
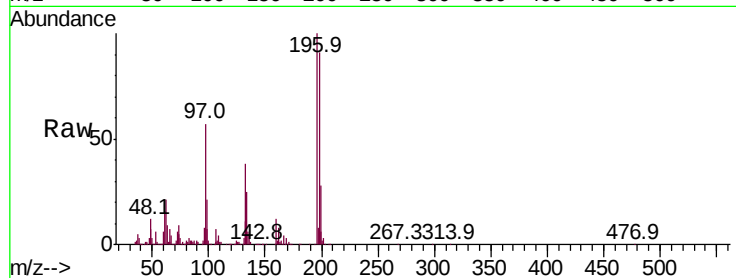




#43
 2,4,6-Trichlorophenol
 Concen: 39.423 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044762.D
 Acq: 13 Mar 2020 9:23

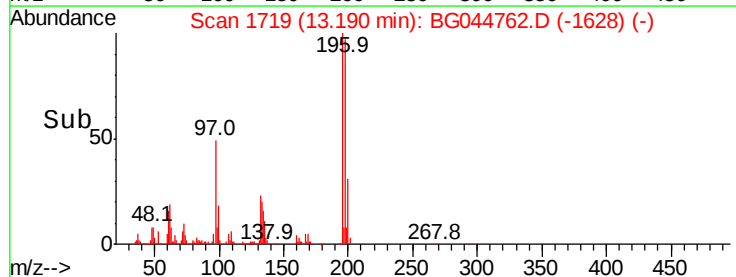
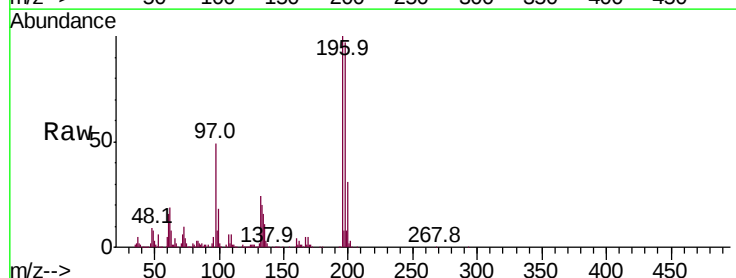
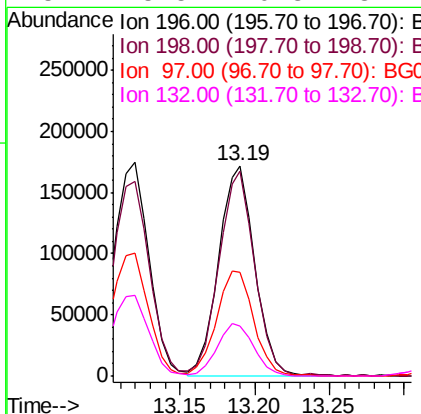
Instrument :
 BNA_G
 ClientSampleId :

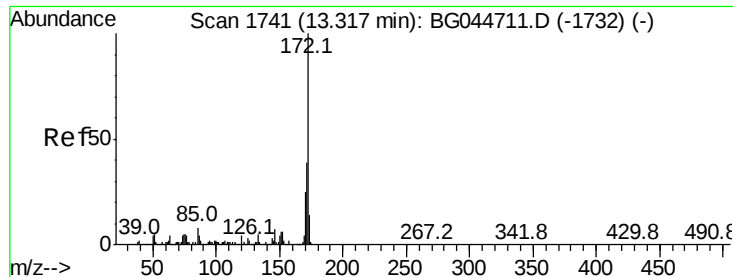
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.2	76.5	114.7
200	28.5	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 38.193 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044762.D
 Acq: 13 Mar 2020 9:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	77.3	115.9
97	49.3	44.9	67.3
132	23.5	20.8	31.2

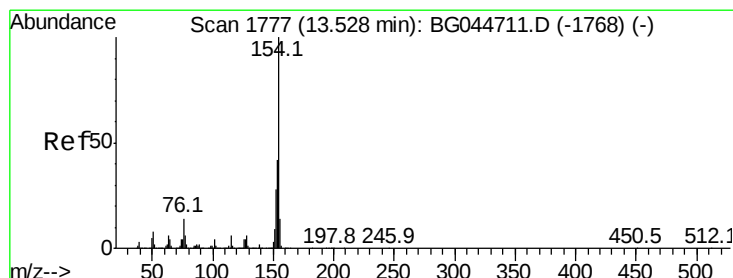
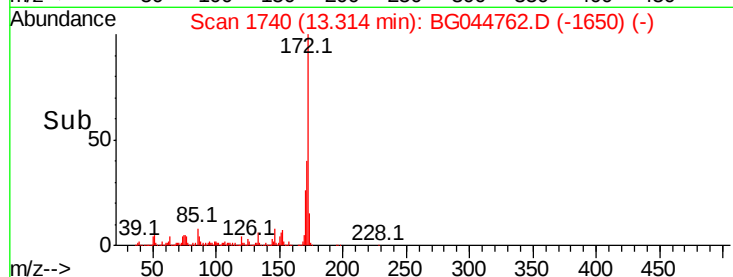
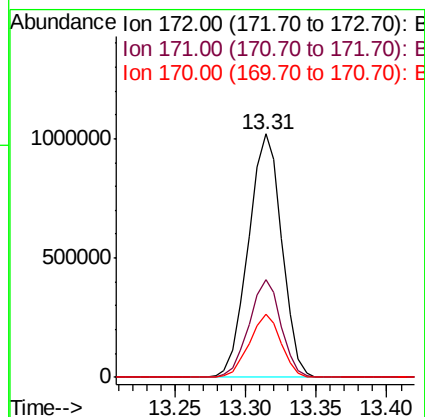
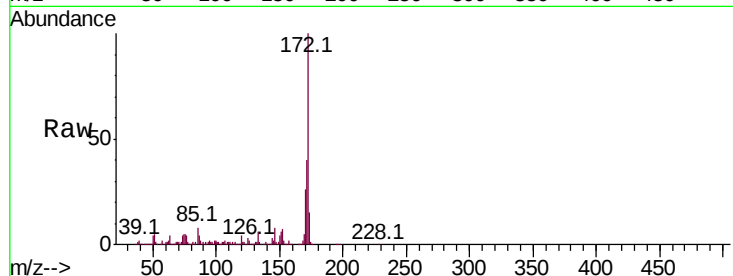




#45
2-Fluorobiphenyl
Concen: 72.723 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

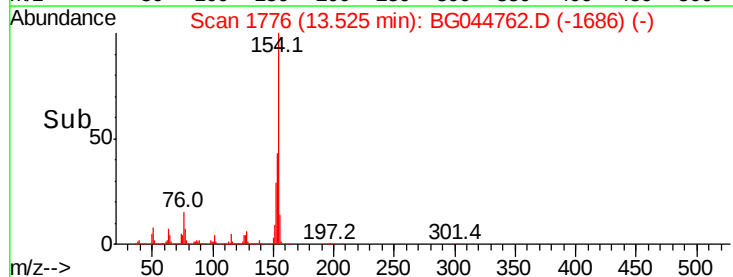
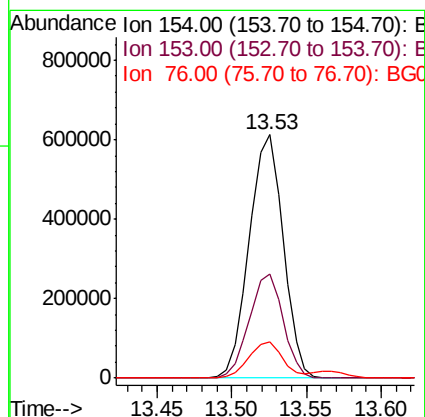
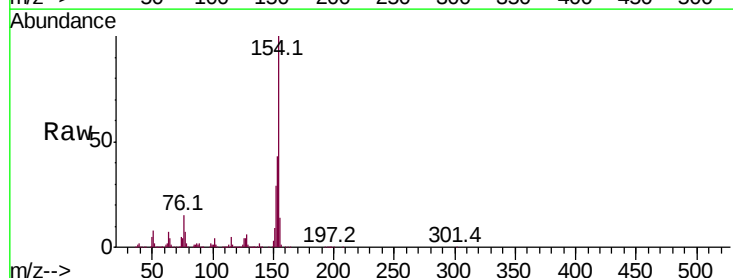
Instrument :
BNA_G
ClientSampleId :

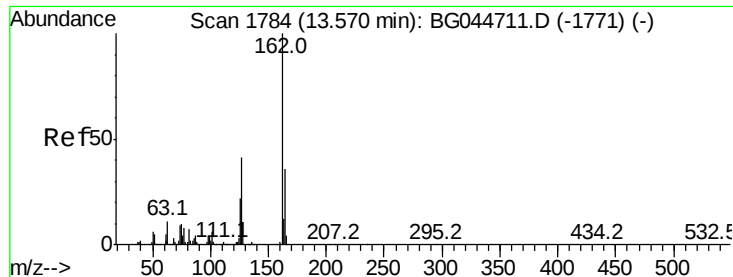
Tot Ion:172 Resp: 1691744
Ion Ratio Lower Upper
172 100
171 40.3 30.8 46.2
170 25.9 20.0 30.0



#46
1,1'-Biphenyl
Concen: 36.188 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion:154 Resp: 963376
Ion Ratio Lower Upper
154 100
153 42.5 22.0 62.0
76 14.8 0.0 34.2

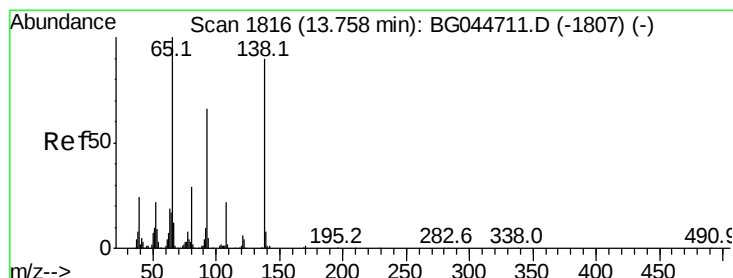
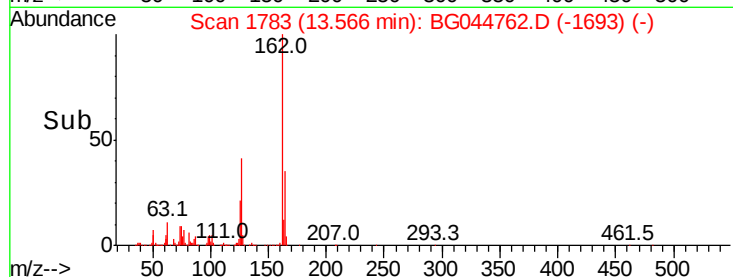
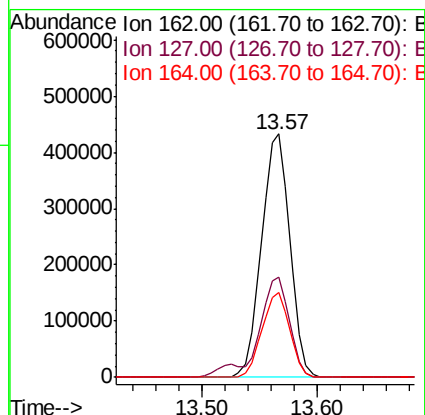
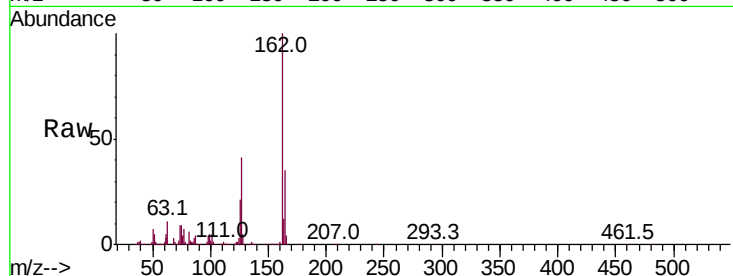




#47
2-Chloronaphthalene
Concen: 36.472 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

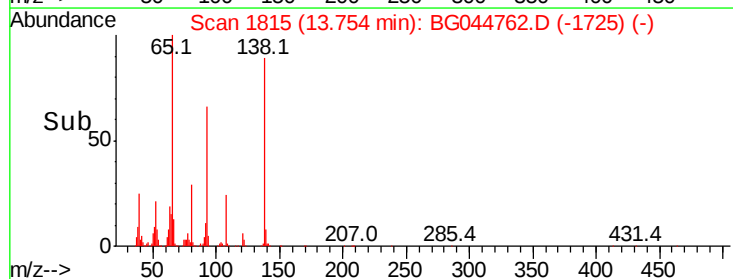
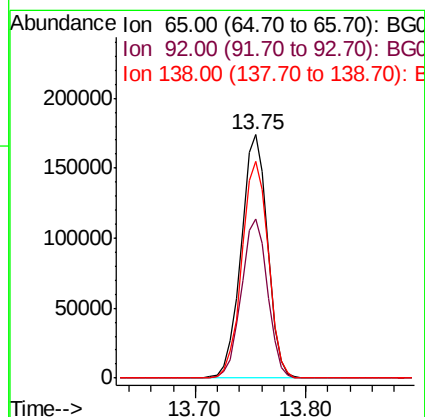
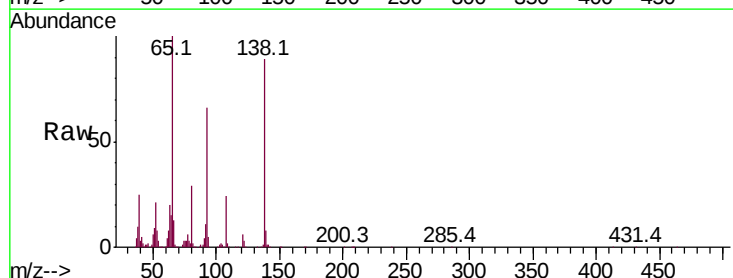
Instrument :
BNA_G
ClientSampled :

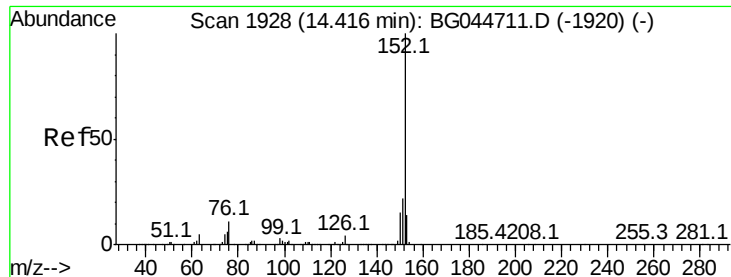
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	48.8
164	35.0	29.0	43.4



#48
2-Nitroaniline
Concen: 41.042 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.6	79.0
138	88.8	71.8	107.6





#49

Acenaphthylene

Concen: 36.250 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

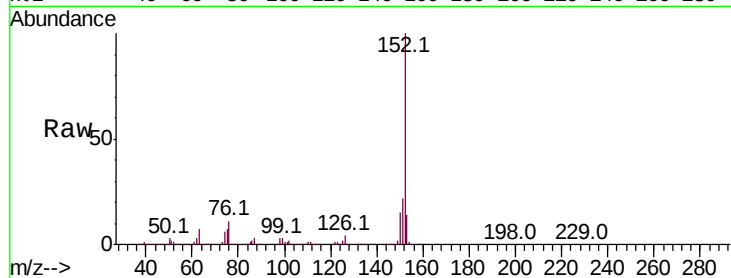
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1154933

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.8	26.8
153	14.0	11.4	17.0

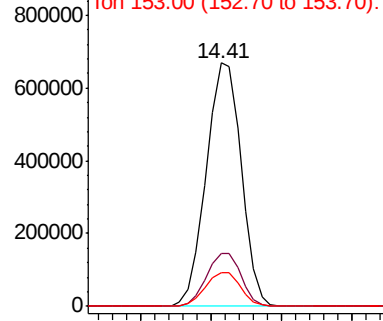


Abundance

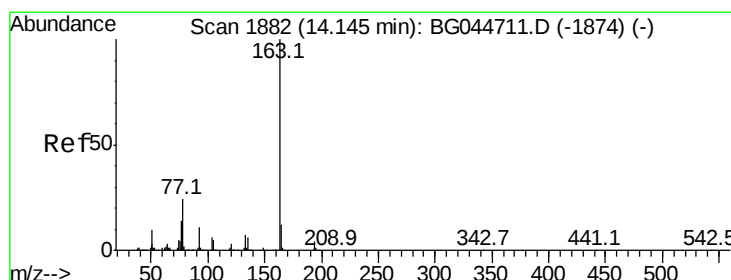
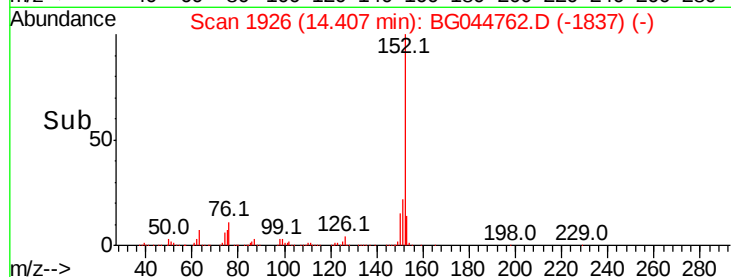
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 36.355 ng

RT: 14.14 min Scan# 1881

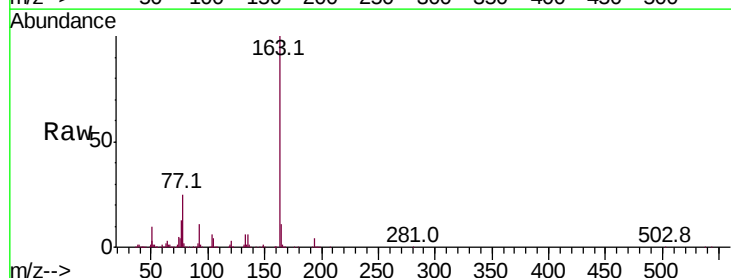
Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion:163 Resp: 964588

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.7	9.2	13.8

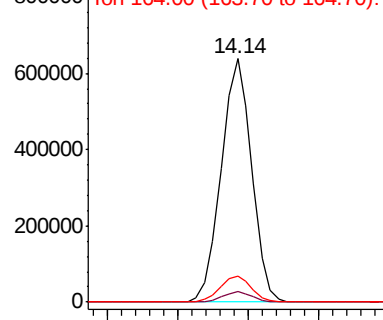


Abundance

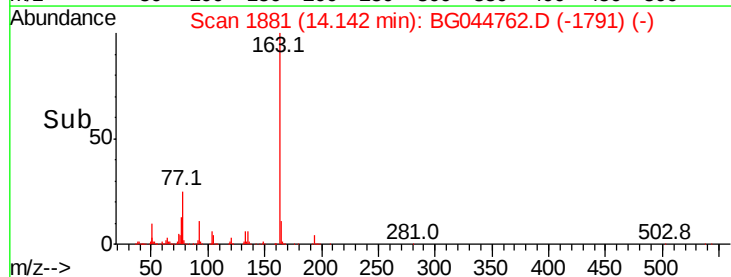
Ion 163.00 (162.70 to 163.70): E

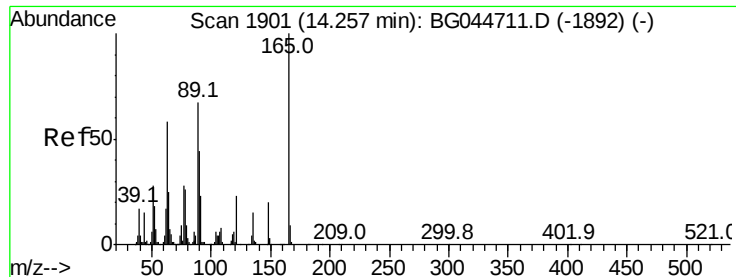
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#51

2,6-Dinitrotoluene

Concen: 39.507 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

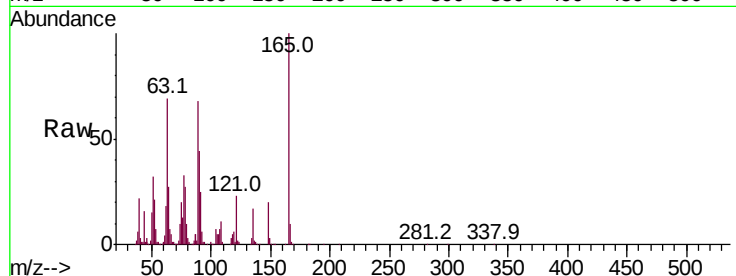
ClientSampleId :

Tot Ion:165 Resp: 211289

Ion	Ratio	Lower	Upper
165	100		
63	69.4	48.9	73.3
89	68.0	53.8	80.8

63 69.4 48.9 73.3

89 68.0 53.8 80.8



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

14.25

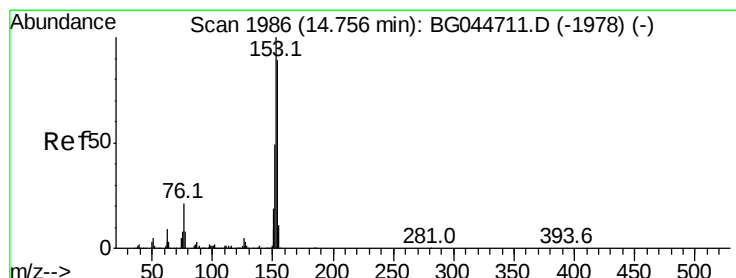
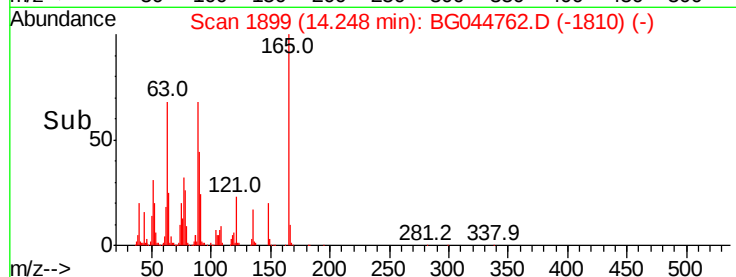
100000

50000

0

14.20 14.30

Time-->



#52

Acenaphthene

Concen: 35.814 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG044762.D

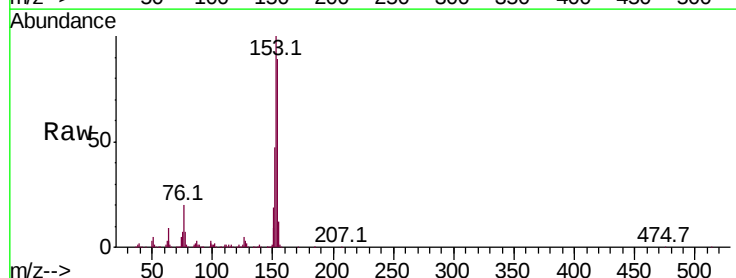
Acq: 13 Mar 2020 9:23

Tgt Ion:154 Resp: 747274

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.8	134.8
152	52.9	44.4	66.6

153 112.1 89.8 134.8

152 52.9 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

14.75

600000

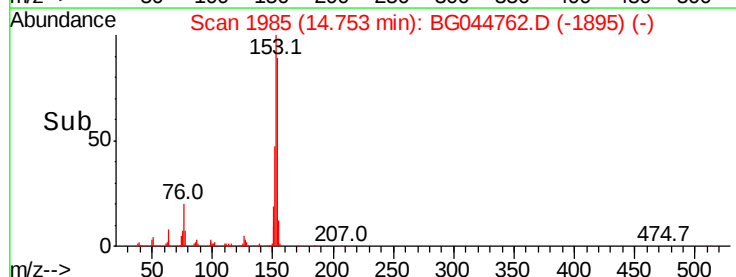
400000

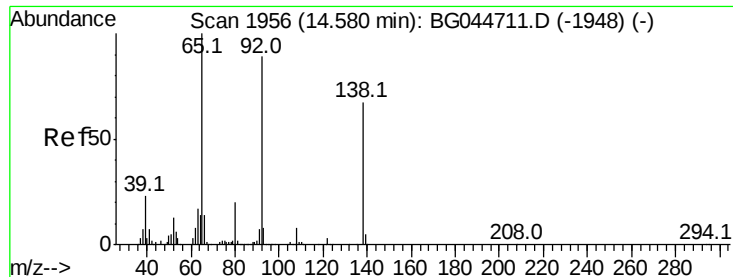
200000

0

14.70 14.80

Time-->

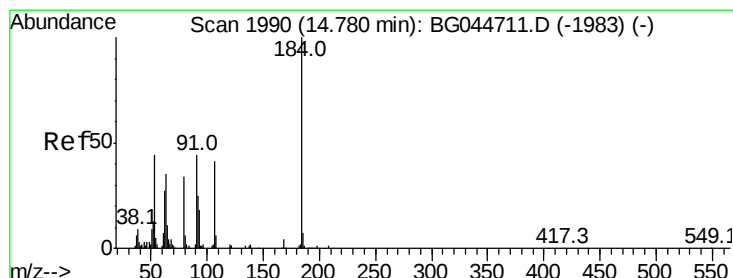
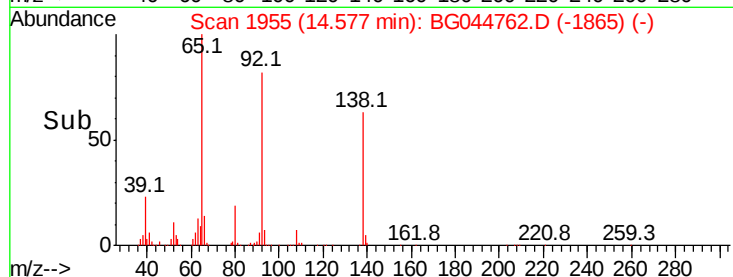
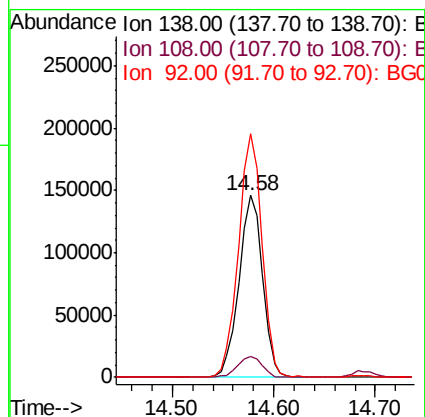
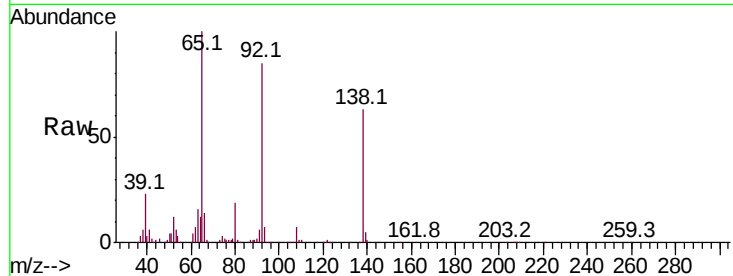




#53
3-Nitroaniline
Concen: 38.404 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

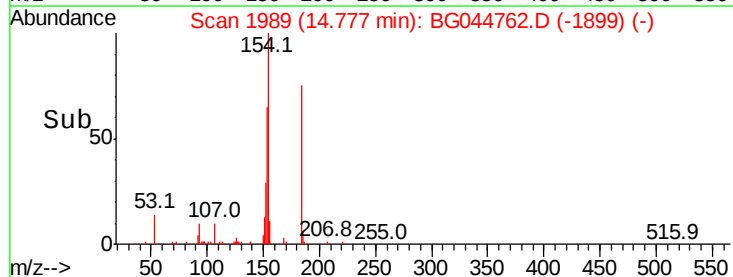
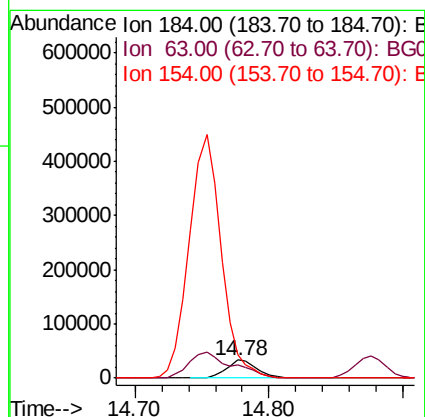
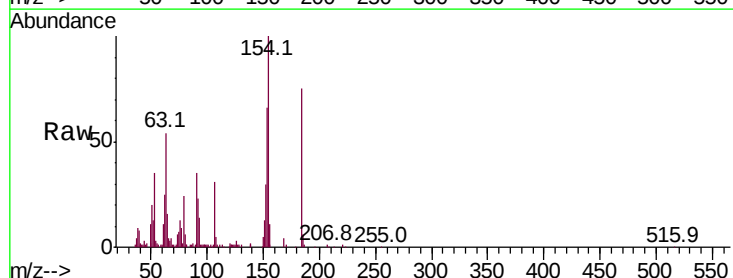
Instrument :
BNA_G
ClientSampled :

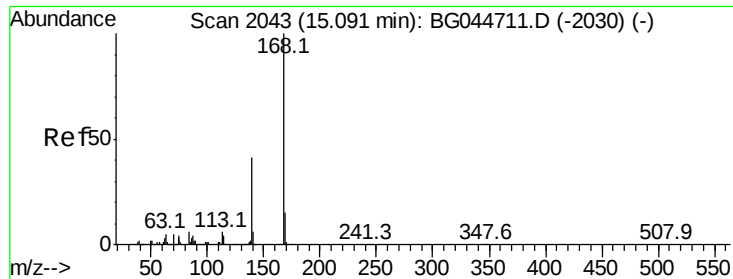
Tot Ion:138 Resp: 236138
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 133.8 105.6 158.4



#54
2,4-Dinitrophenol
Concen: 25.801 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion:184 Resp: 54519
Ion Ratio Lower Upper
184 100
63 71.7 49.0 73.6
154 132.9 94.5 141.7





#55

Dibenzofuran

Concen: 36.703 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

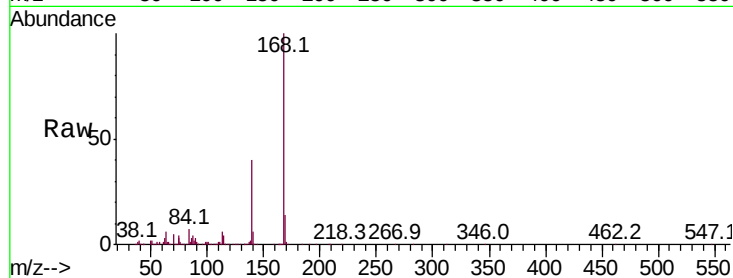
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 1110560

Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.6	49.0
169	14.0	11.8	17.6

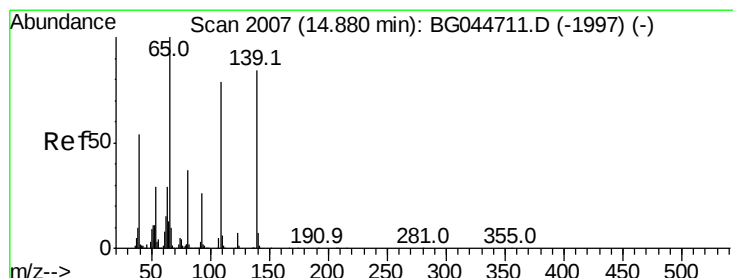
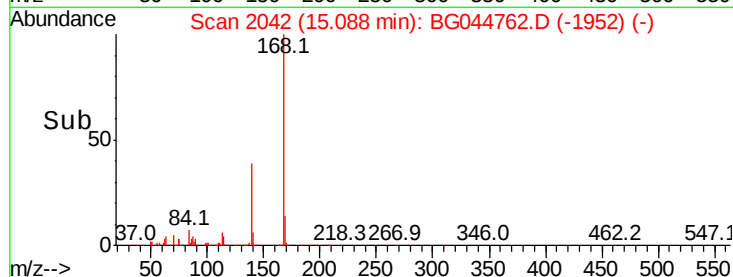
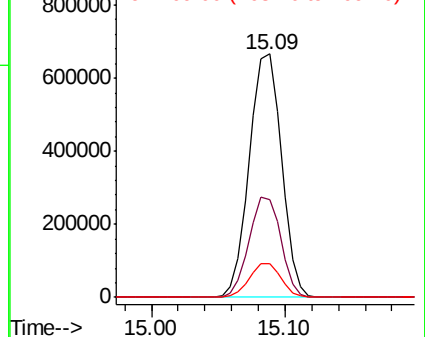


Abundance

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: 38.026 ng

RT: 14.88 min Scan# 2006

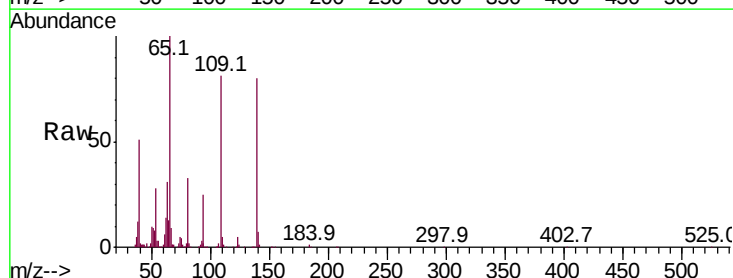
Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion:139 Resp: 178442

Ion	Ratio	Lower	Upper
139	100		
109	101.3	74.1	114.1
65	125.6	98.6	138.6

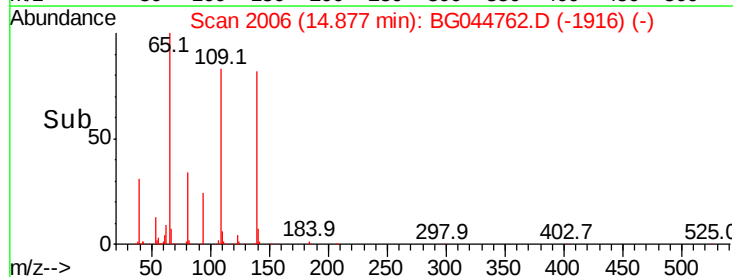
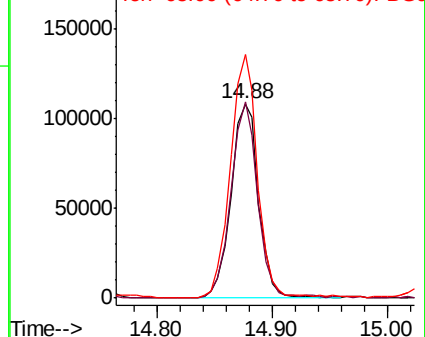


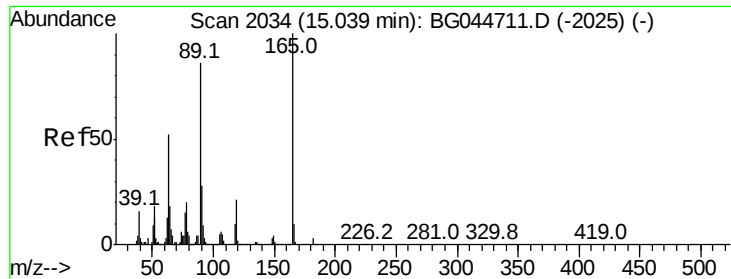
Abundance

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): E

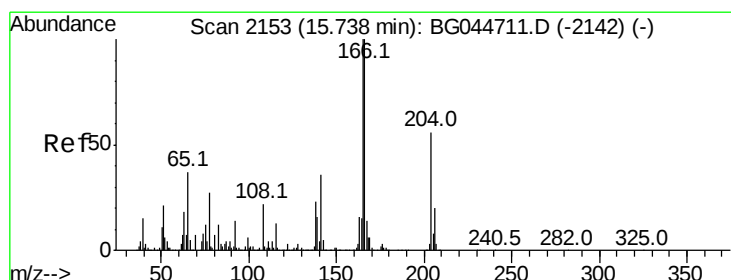
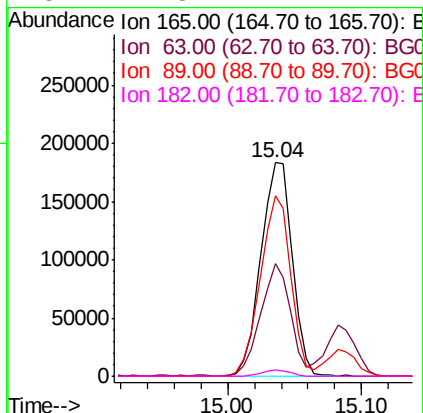
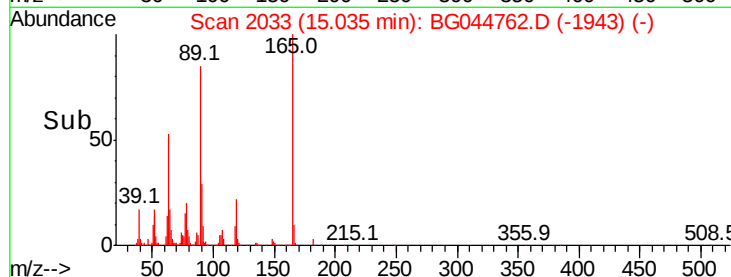
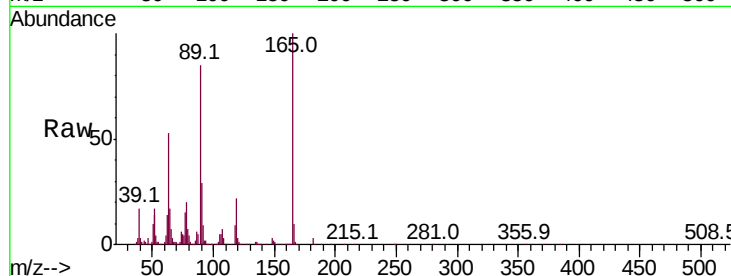




#57
2,4-Dinitrotoluene
Concen: 40.642 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

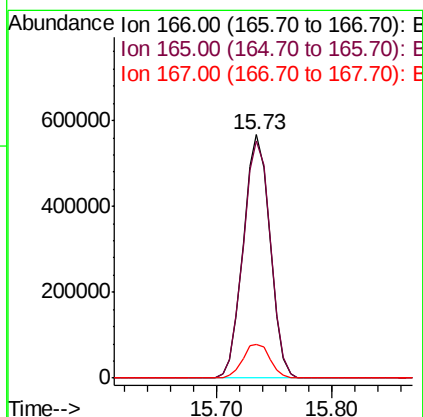
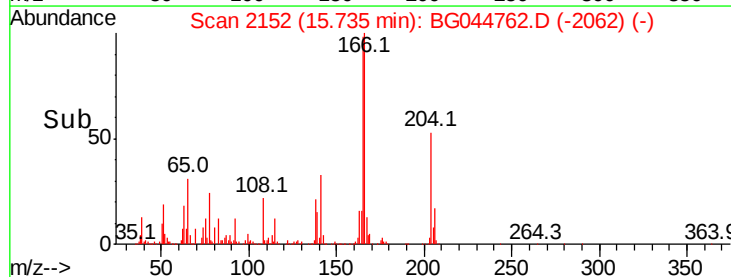
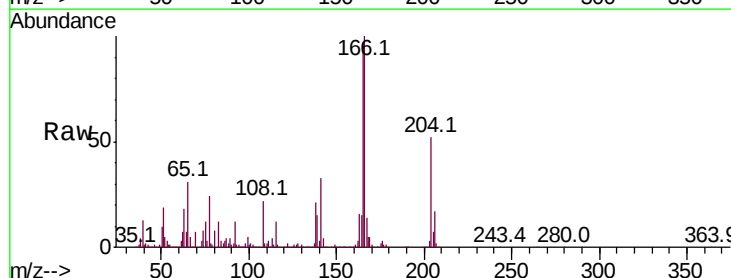
Instrument :
BNA_G
ClientSampleId :

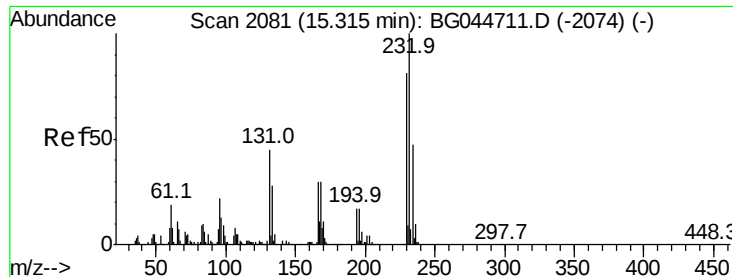
Tot Ion:165 Resp: 298103
Ion Ratio Lower Upper
165 100
63 52.7 41.5 62.3
89 84.8 69.0 103.4
182 2.8 2.7 4.1



#58
Fluorene
Concen: 36.542 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion:166 Resp: 909545
Ion Ratio Lower Upper
166 100
165 97.3 79.6 119.4
167 13.6 11.4 17.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.862 ng

RT: 15.23 min Scan# 2066

Delta R.T. -0.09 min

Lab File: BG044762.D

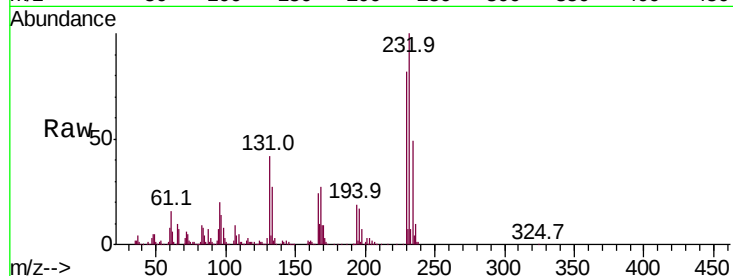
Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	232	Resp:	270164
Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.4	48.6
130	2.8	2.0	3.0
166	25.7	20.5	30.7



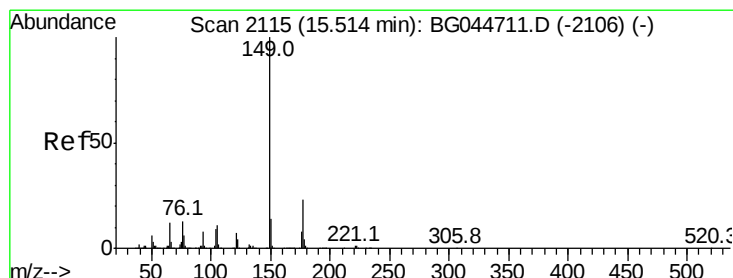
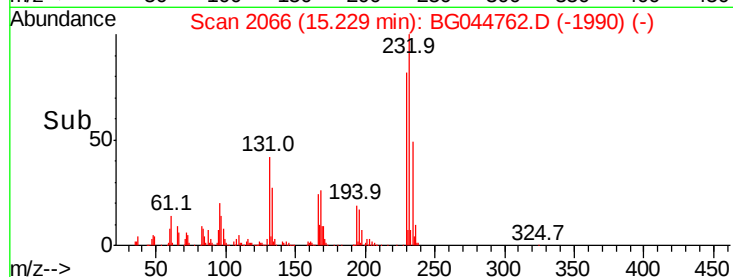
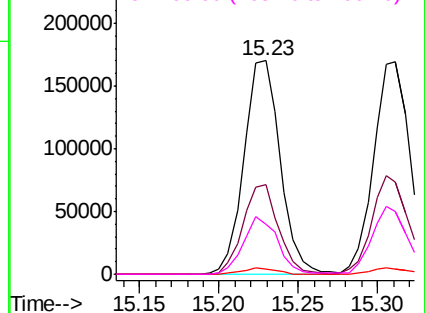
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 36.724 ng

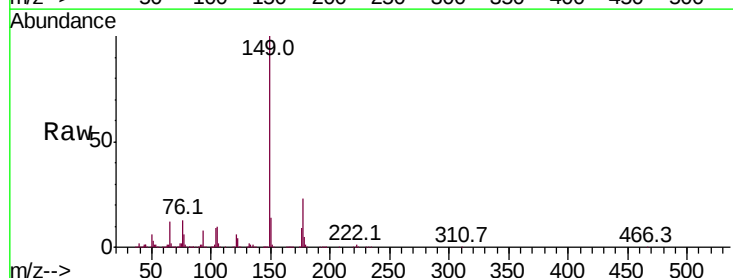
RT: 15.51 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion:	149	Resp:	1016272
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.8	28.2
150	14.1	11.2	16.8

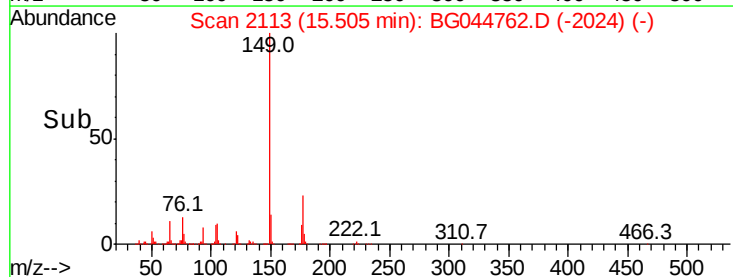
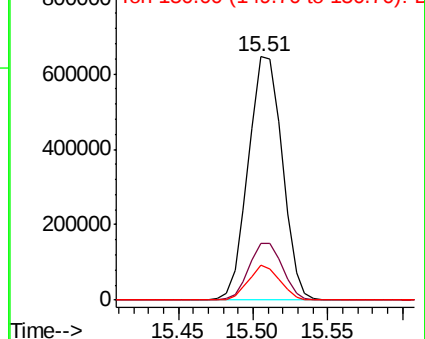


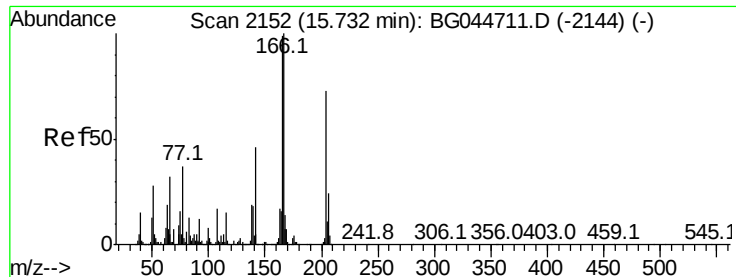
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 37.224 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

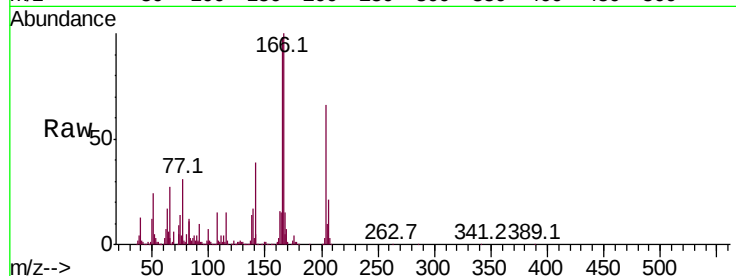
Tot Ion:204 Resp: 498886

Ion Ratio Lower Upper

204 100

206 32.0 25.8 38.6

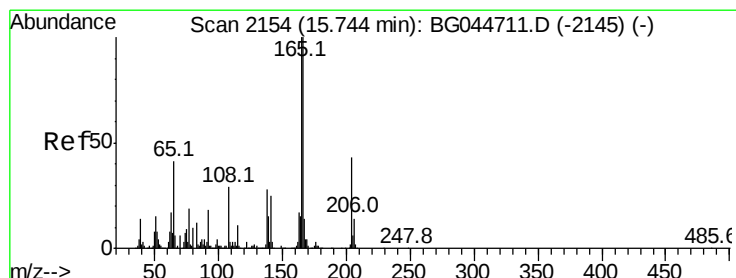
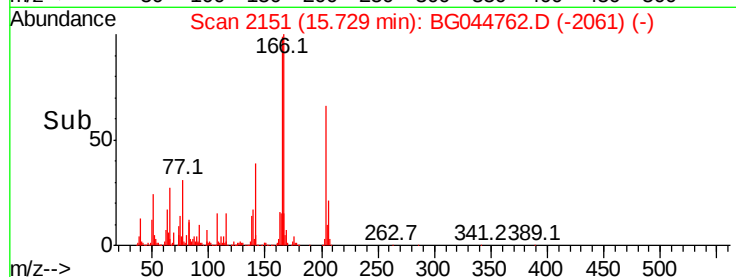
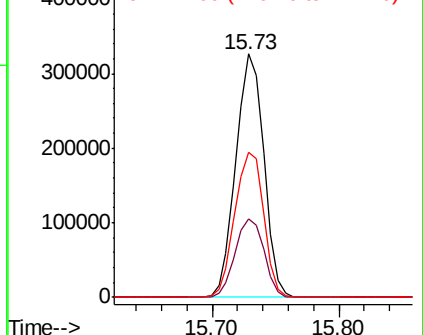
141 59.5 50.8 76.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 37.871 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

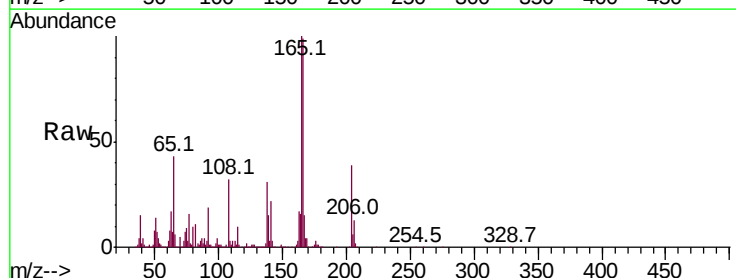
Tgt Ion:138 Resp: 248299

Ion Ratio Lower Upper

138 100

92 60.6 42.1 82.1

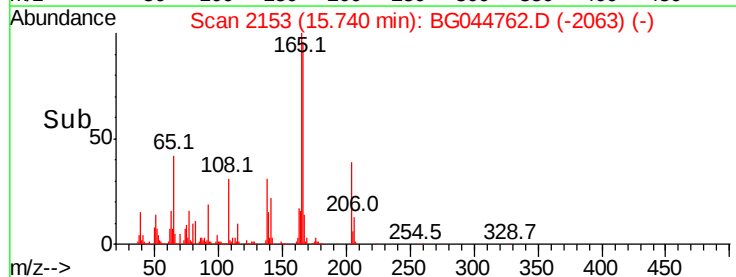
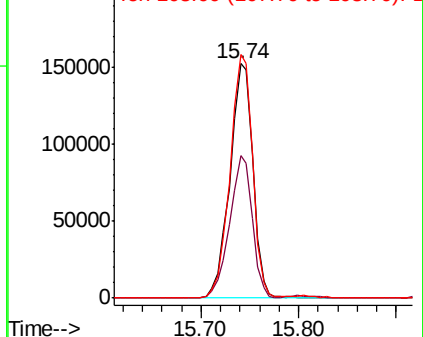
108 103.8 81.2 121.2

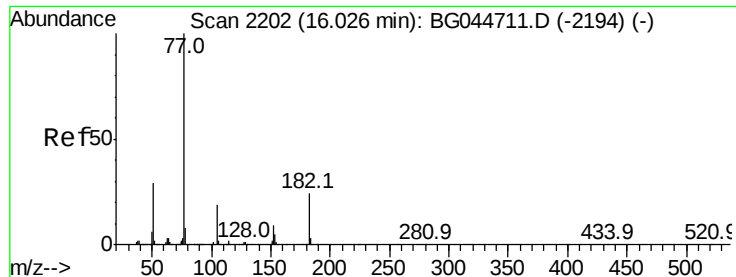


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

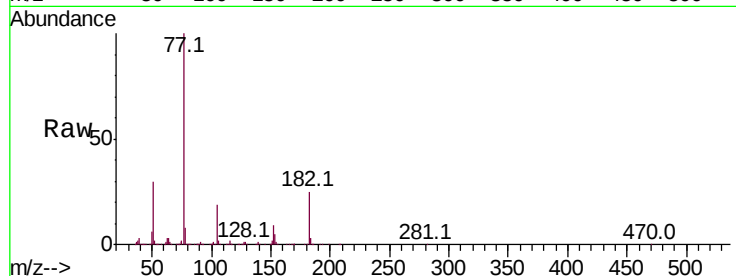




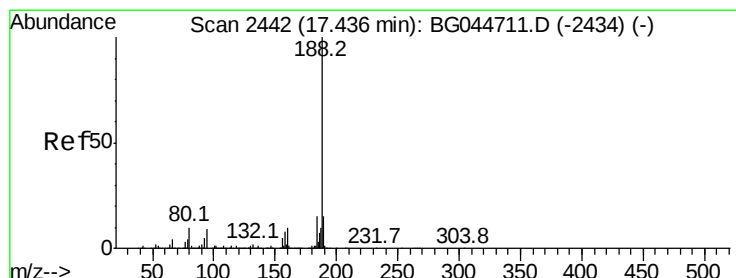
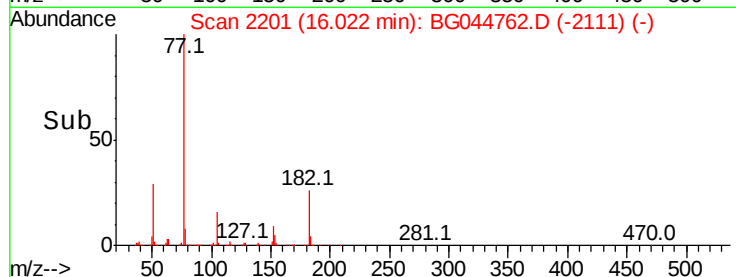
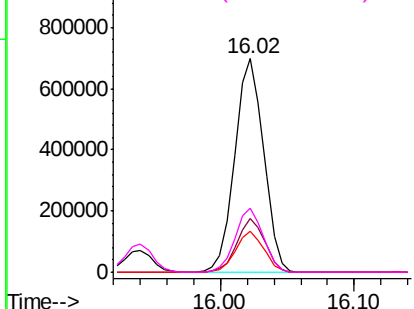
#63
Azobenzene
Concen: 36.365 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1045036
Ion Ratio Lower Upper
77 100
182 25.3 3.6 43.6
105 18.9 0.0 39.3
51 29.8 8.7 48.7

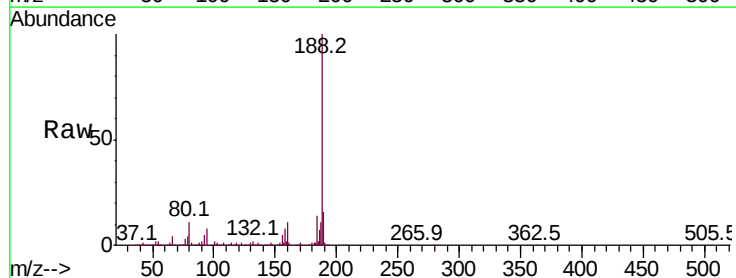


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

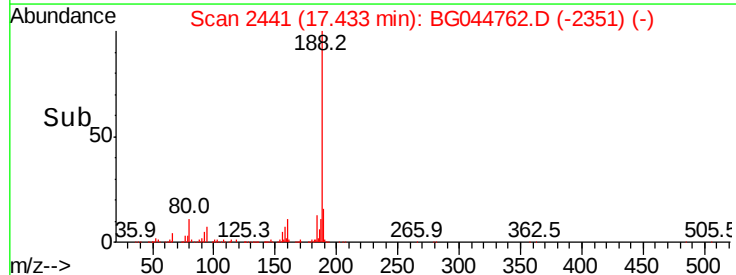
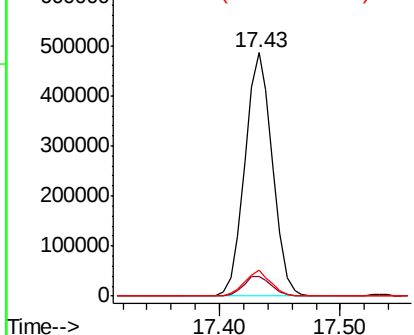


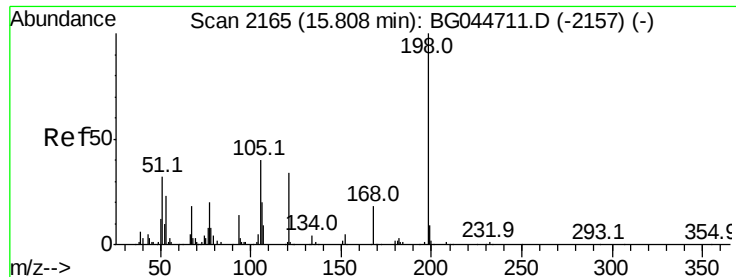
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion: 188 Resp: 768495
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 10.6 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: 32.180 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

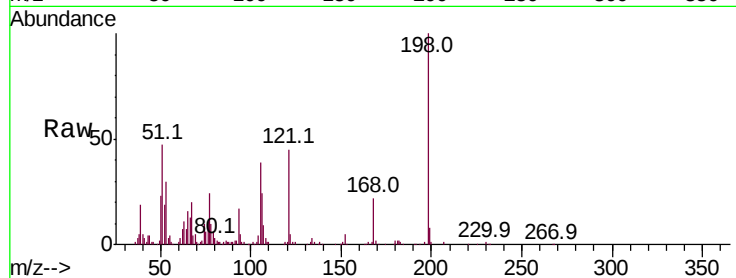
Tot Ion:198 Resp: 105395

Ion	Ratio	Lower	Upper
198	100		
51	46.6	20.1	60.1
105	39.5	21.3	61.3

198 100

51 46.6 20.1 60.1

105 39.5 21.3 61.3

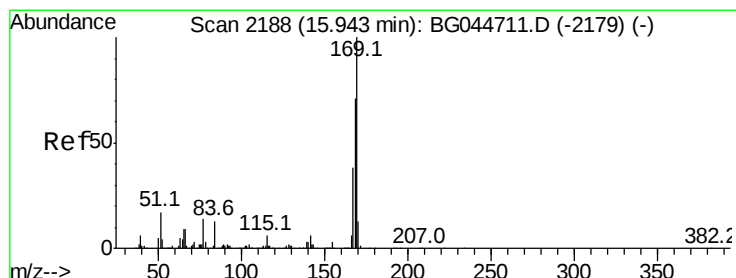
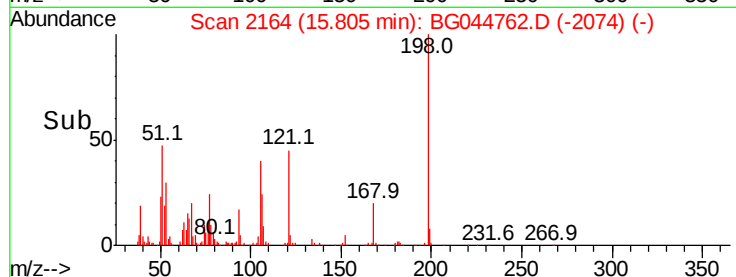
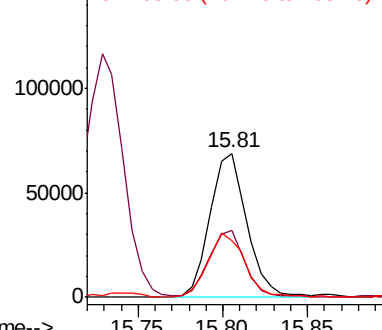


Abundance

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: 35.454 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

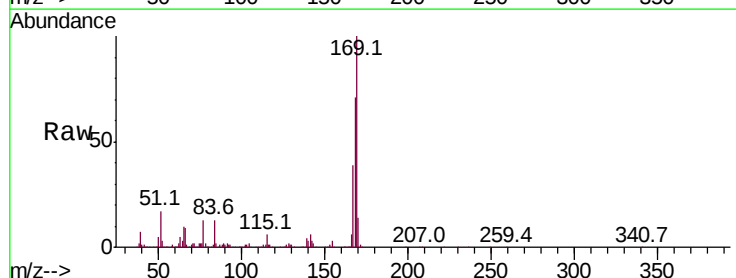
Tgt Ion:169 Resp: 820293

Ion	Ratio	Lower	Upper
169	100		
168	71.1	56.6	85.0
167	38.8	30.1	45.1

169 100

168 71.1 56.6 85.0

167 38.8 30.1 45.1

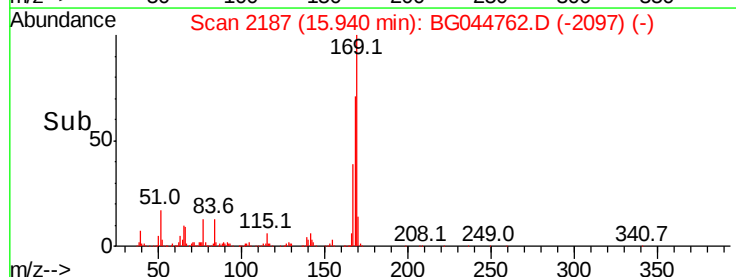
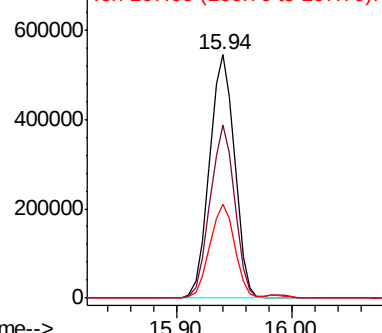


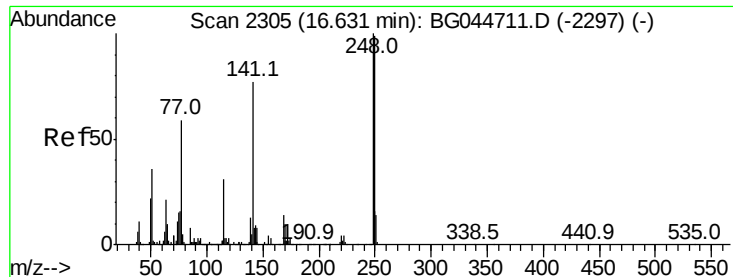
Abundance

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

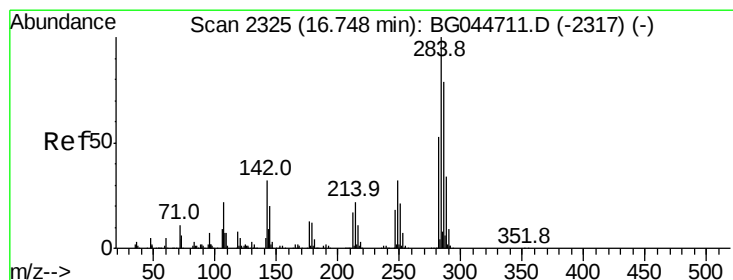
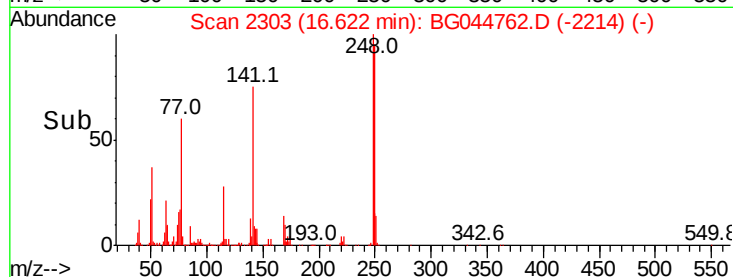
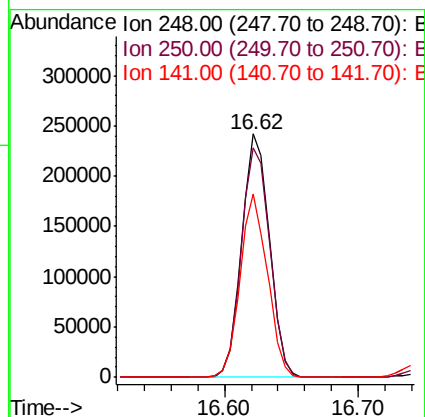
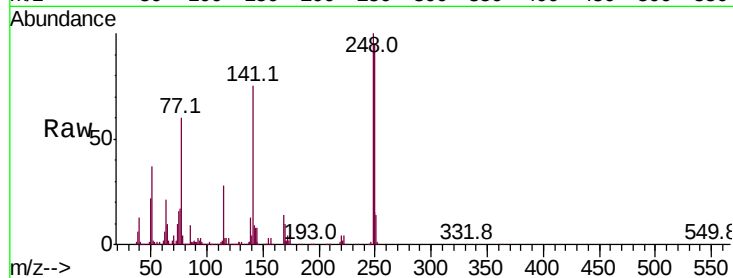




#67
4-Bromophenyl-phenylether
Concen: 36.048 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

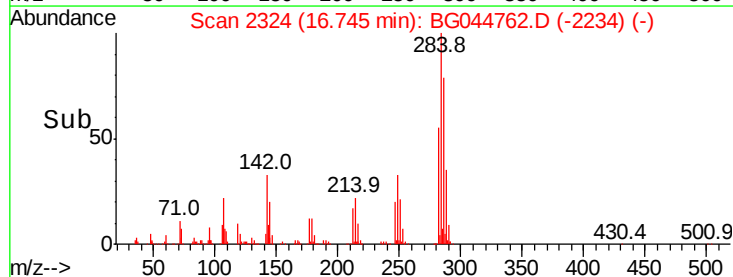
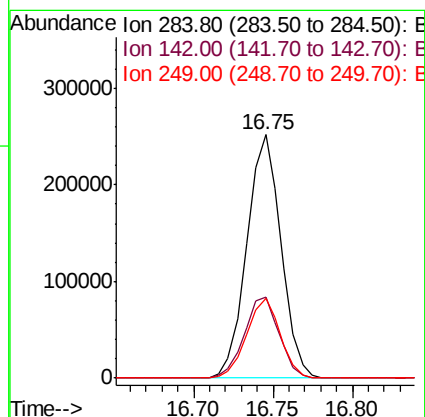
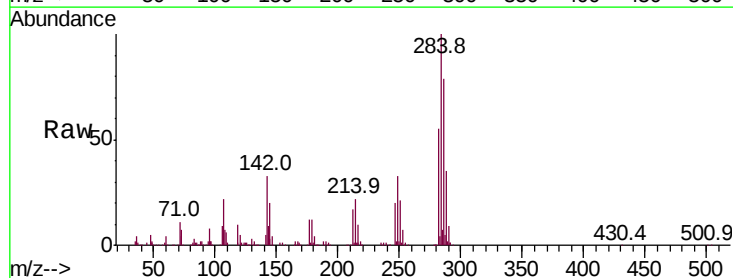
Instrument :
BNA_G
ClientSampleId :

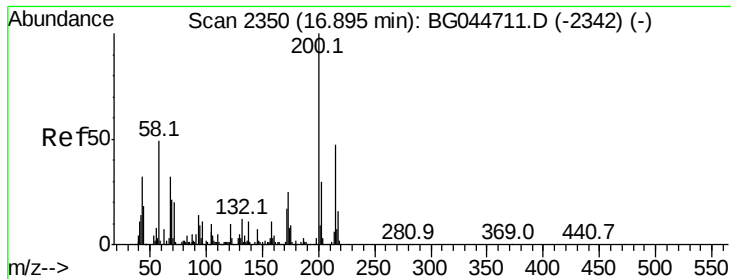
Tot Ion:248 Resp: 346324
Ion Ratio Lower Upper
248 100
250 94.5 79.4 119.0
141 75.1 61.7 92.5



#68
Hexachlorobenzene
Concen: 36.208 ng
RT: 16.75 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion:284 Resp: 377389
Ion Ratio Lower Upper
284 100
142 33.3 25.6 38.4
249 32.7 25.8 38.6





#69

Atrazine

Concen: 36.735 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampled :

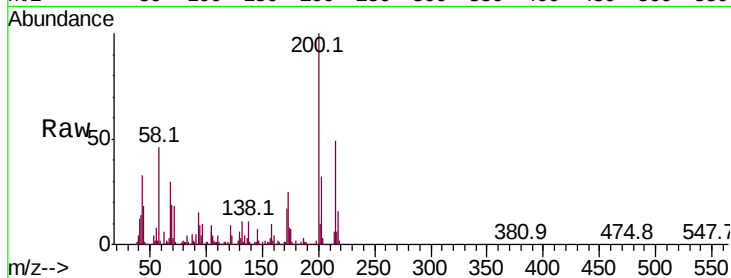
Tot Ion:200 Resp: 311397

Ion Ratio Lower Upper

200 100

173 24.8 4.8 44.8

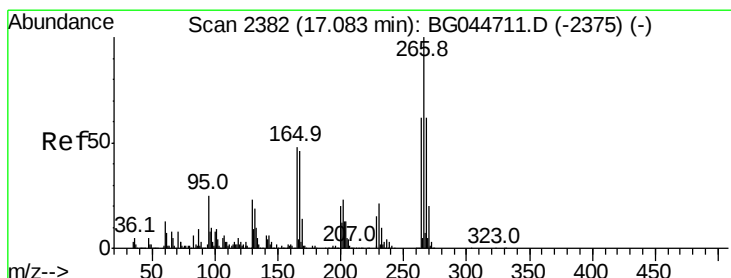
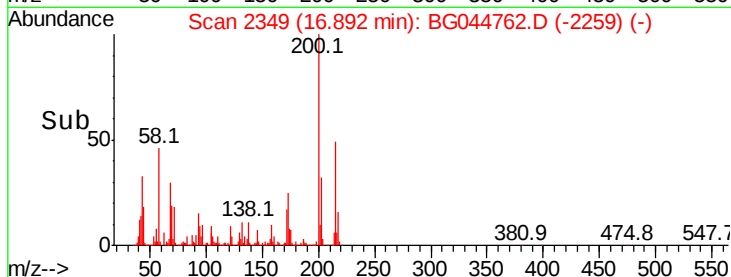
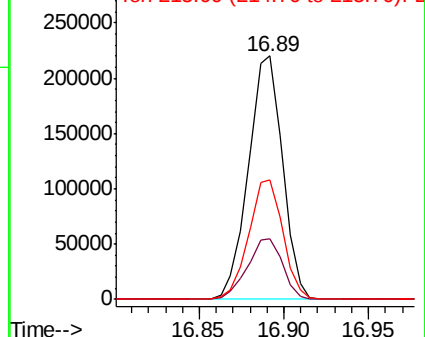
215 49.1 27.4 67.4



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: 35.102 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

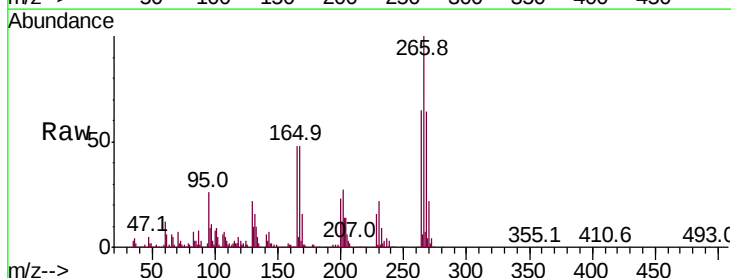
Tgt Ion:266 Resp: 201302

Ion Ratio Lower Upper

266 100

268 63.9 49.9 74.9

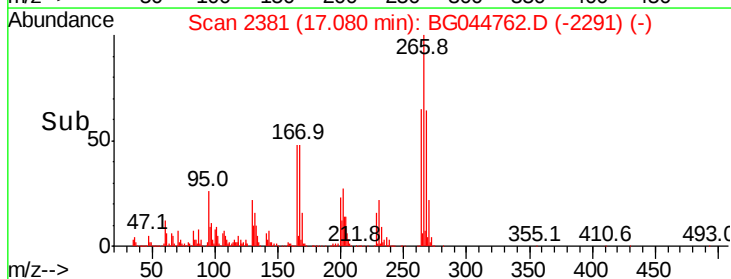
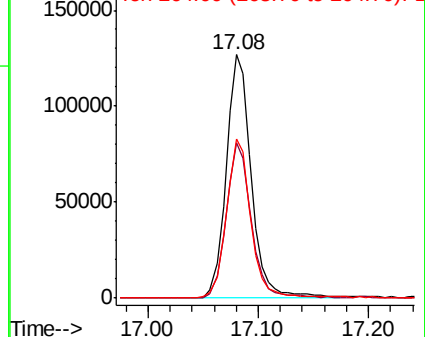
264 65.4 49.9 74.9

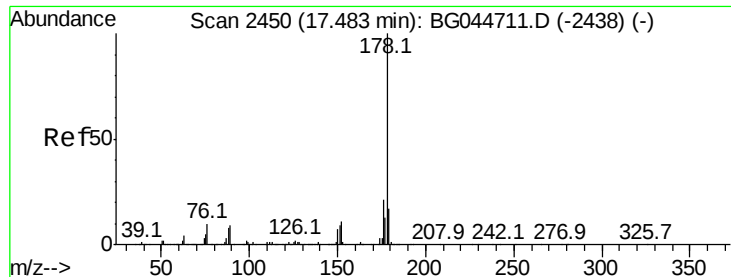


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.876 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

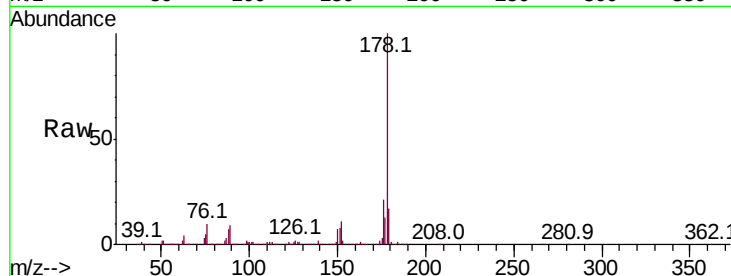
Tot Ion:178 Resp: 1473317

Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.0	25.6
179	17.4	13.7	20.5

178 100

176 21.5 17.0 25.6

179 17.4 13.7 20.5

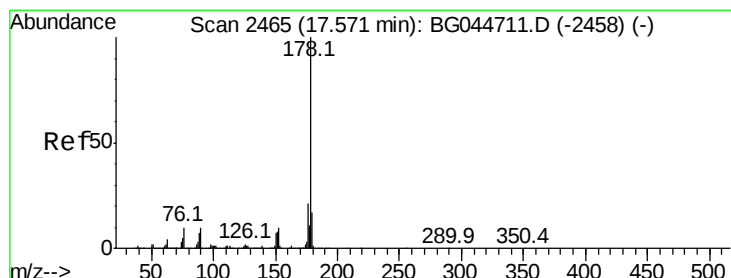
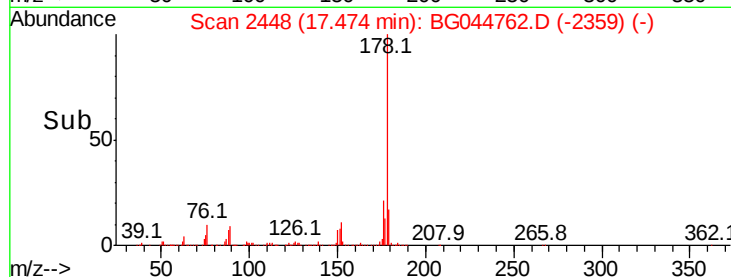
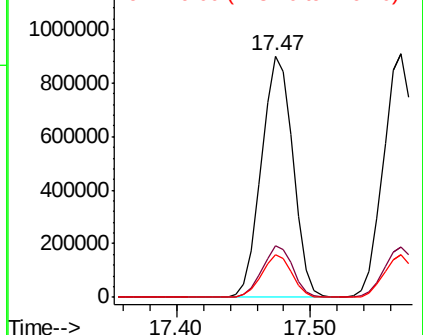


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.897 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

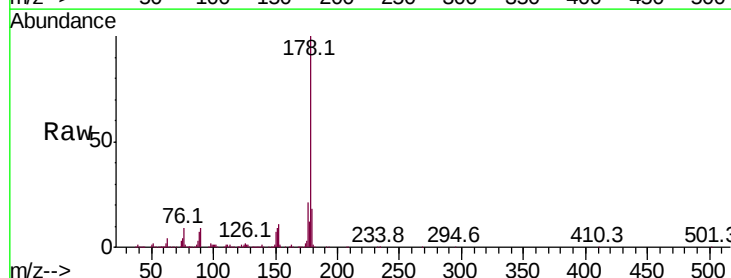
Tgt Ion:178 Resp: 1453633

Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.0	25.6
179	17.7	13.8	20.8

178 100

176 20.9 17.0 25.6

179 17.7 13.8 20.8

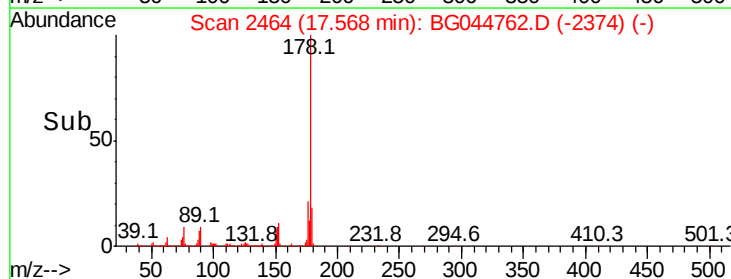
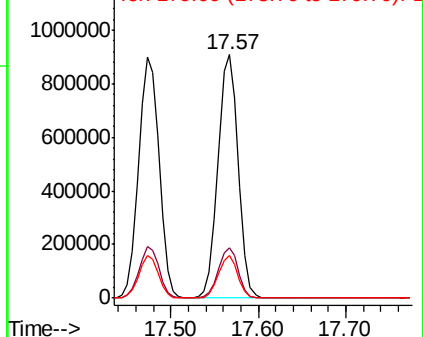


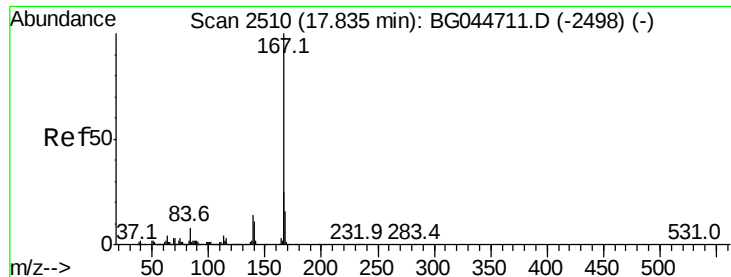
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 35.436 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

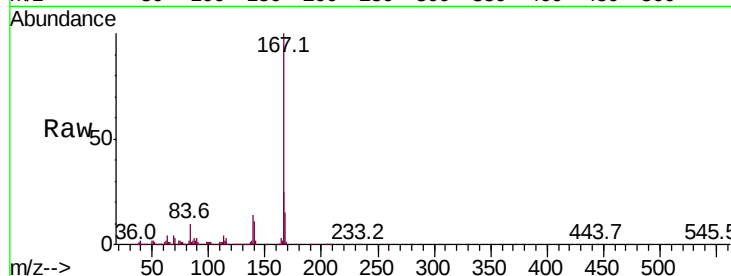
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 1378385

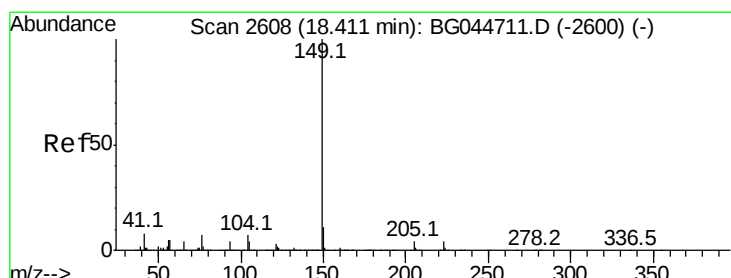
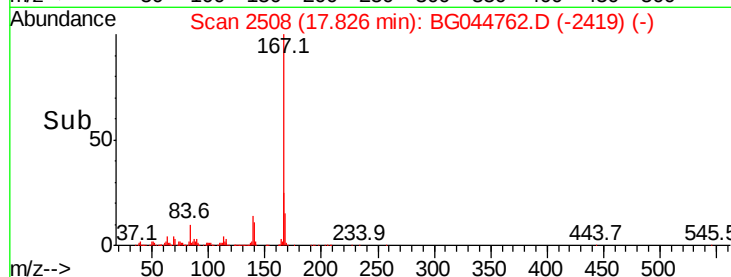
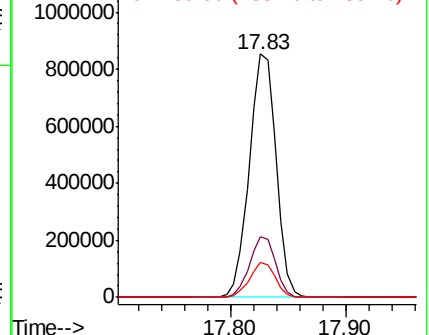
Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.6	29.4
139	14.3	11.4	17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.837 ng

RT: 18.40 min Scan# 2606

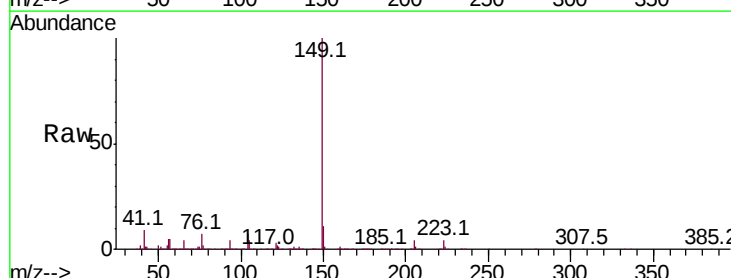
Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion:149 Resp: 1694533

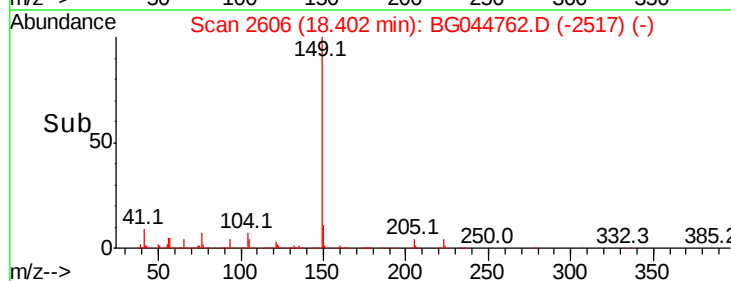
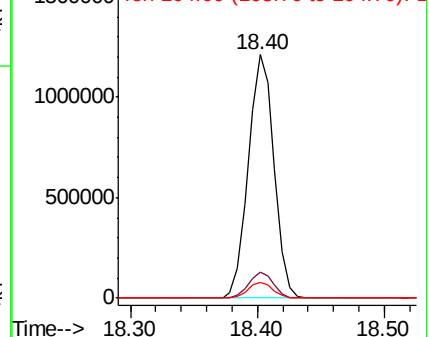
Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.4	12.6
104	6.7	5.6	8.4

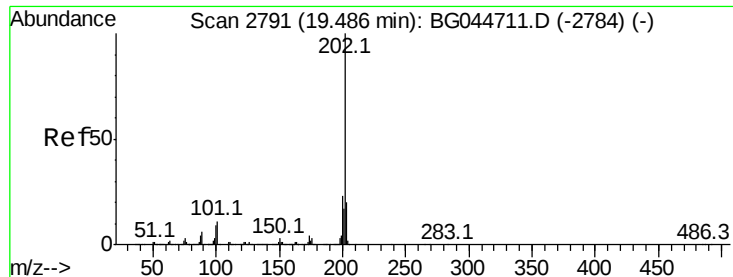


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.187 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

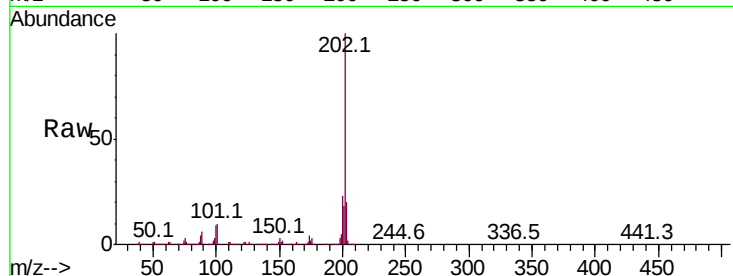
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1769467

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.3
203	20.3	0.4	40.4

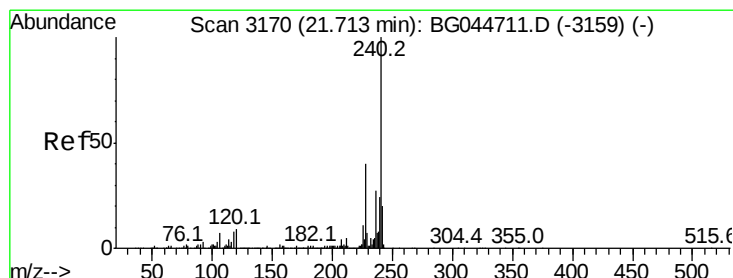
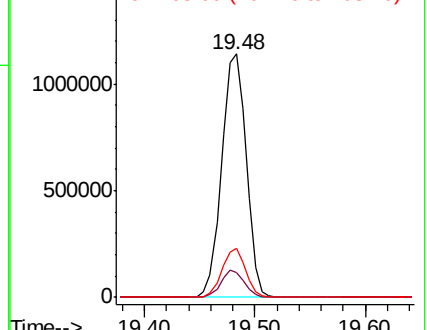
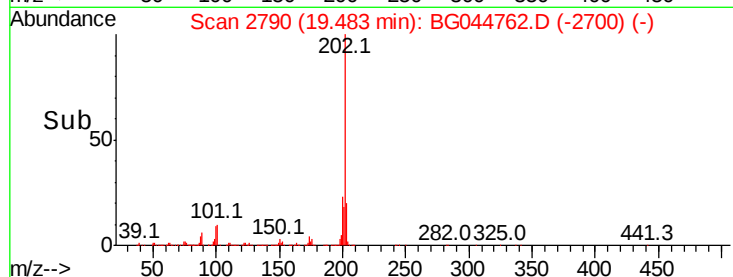


Abundance

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

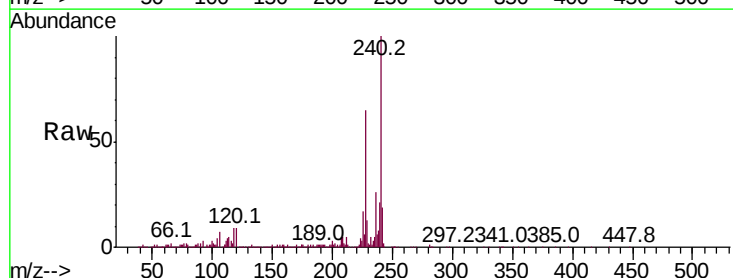
Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion:240 Resp: 666871

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.9	10.3
236	26.3	21.9	32.9

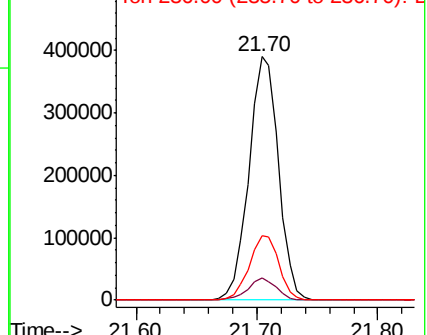
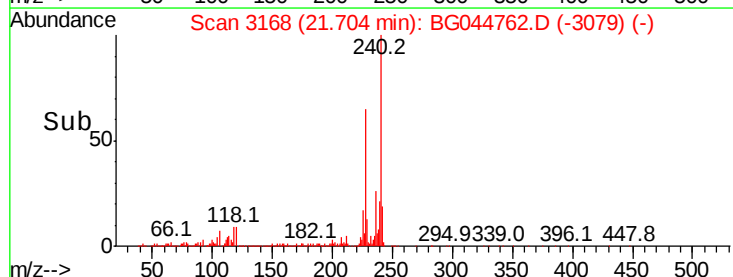


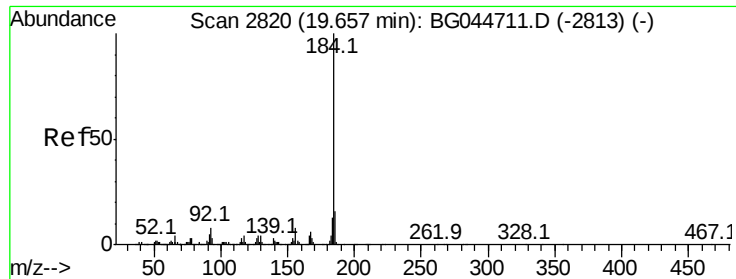
Abundance

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: 39.122 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

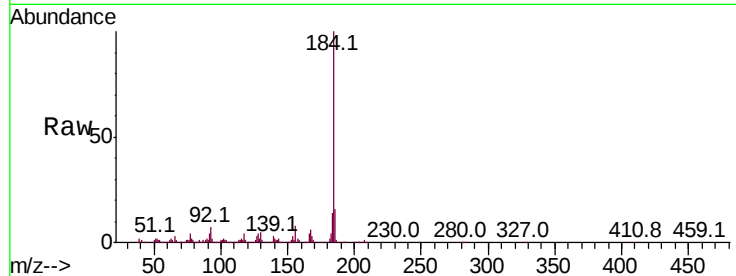
Tot Ion:184 Resp: 846972

Ion Ratio Lower Upper

184 100

185 15.5 12.9 19.3

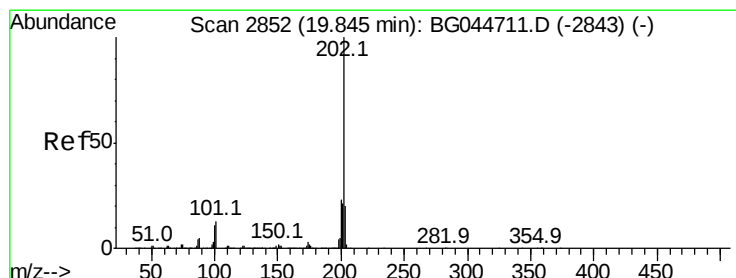
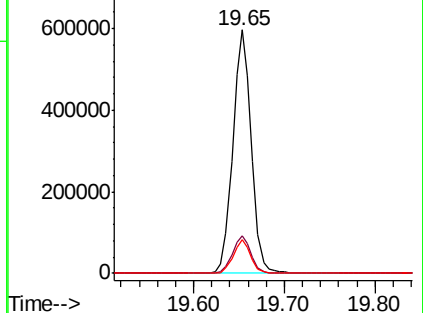
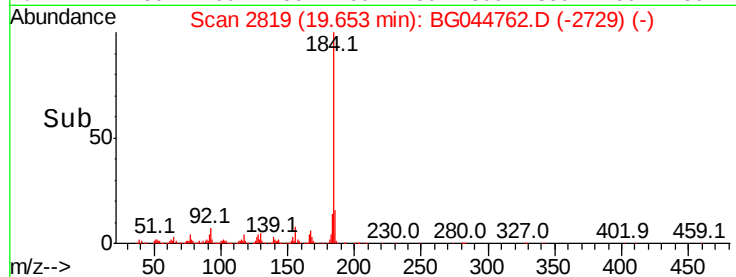
183 13.8 10.6 15.8



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: 35.861 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

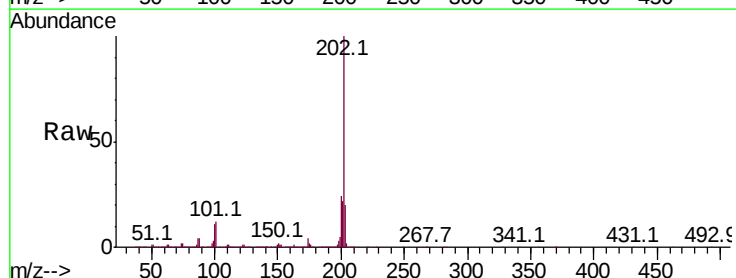
Tgt Ion:202 Resp: 1754568

Ion Ratio Lower Upper

202 100

200 24.2 18.7 28.1

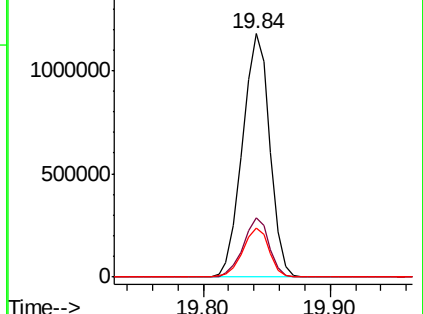
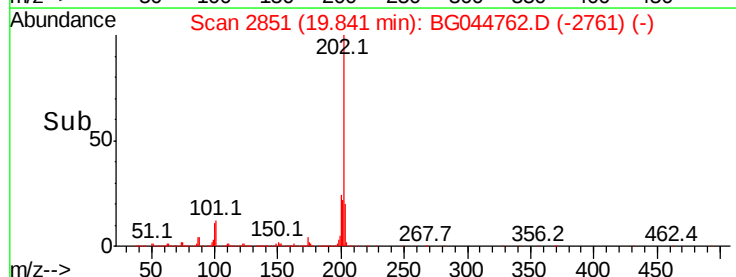
203 20.2 16.0 24.0

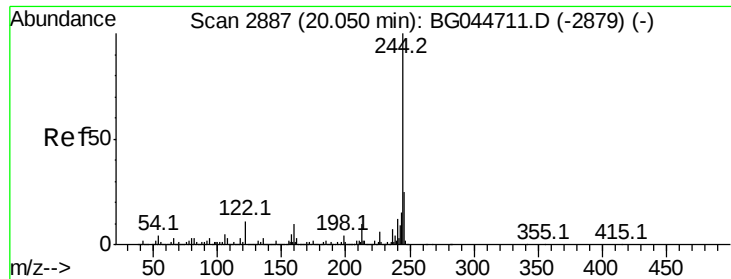


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.121 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

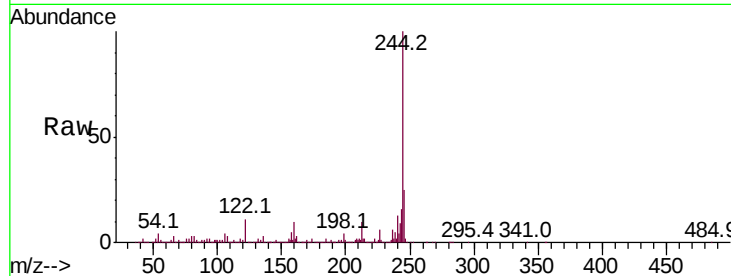
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2499907

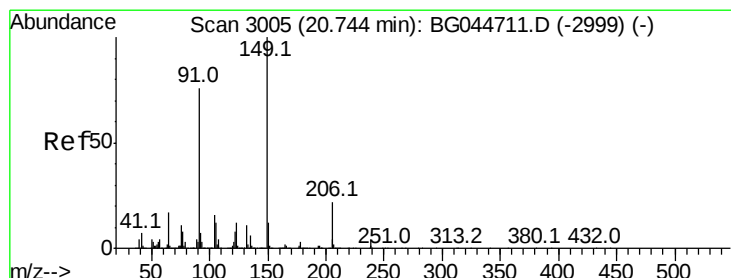
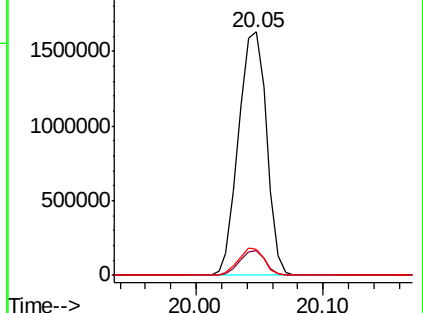
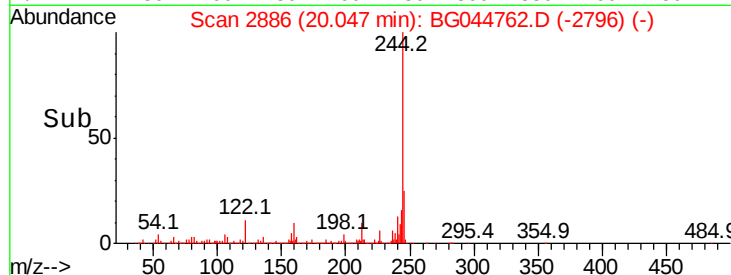
Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.4	12.6
122	10.6	8.7	13.1



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: 37.121 ng

RT: 20.73 min Scan# 3003

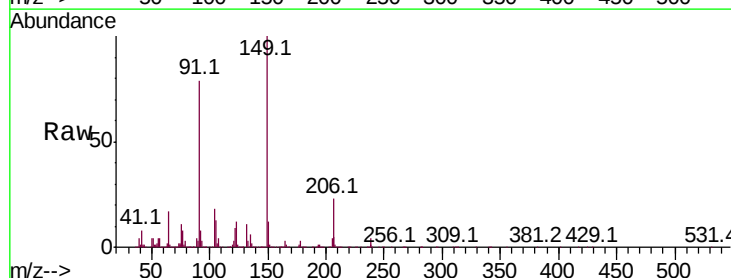
Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion:149 Resp: 807990

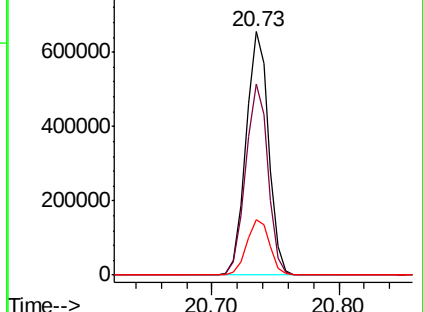
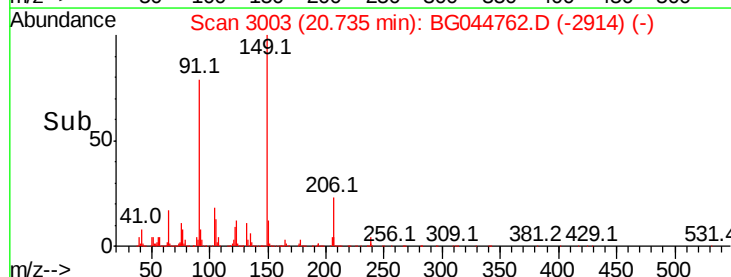
Ion	Ratio	Lower	Upper
149	100		
91	78.6	61.1	91.7
206	22.9	17.4	26.2

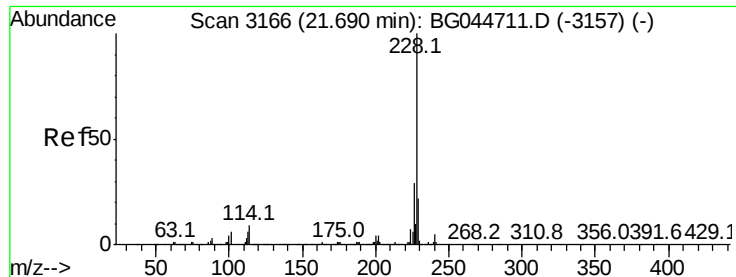


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.207 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

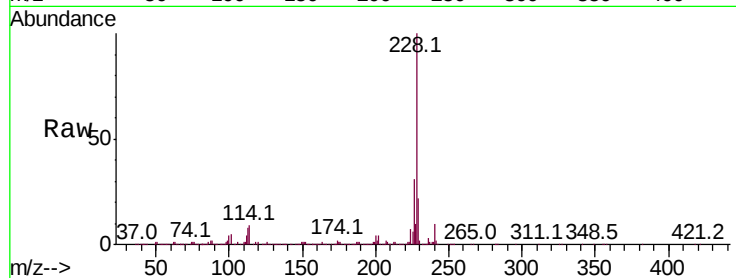
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1738647

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.5	35.3
229	21.8	17.2	25.8

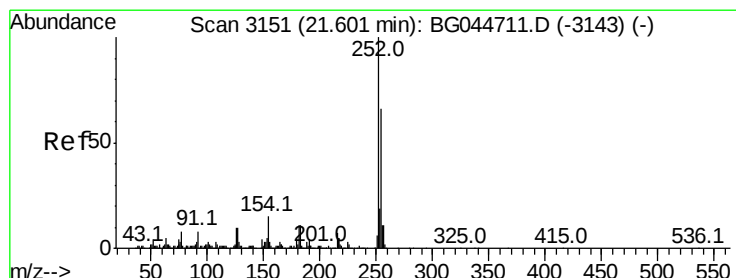
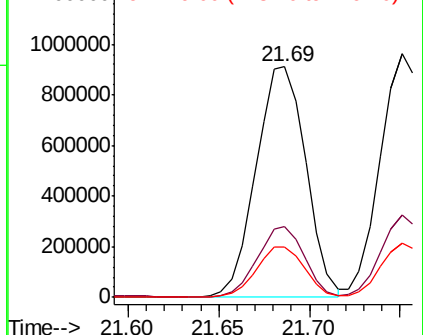
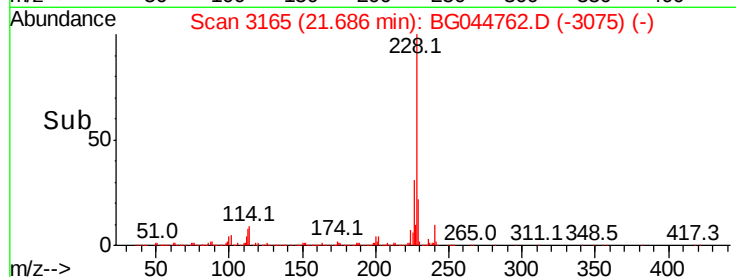


Abundance

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: 35.852 ng

RT: 21.60 min Scan# 3150

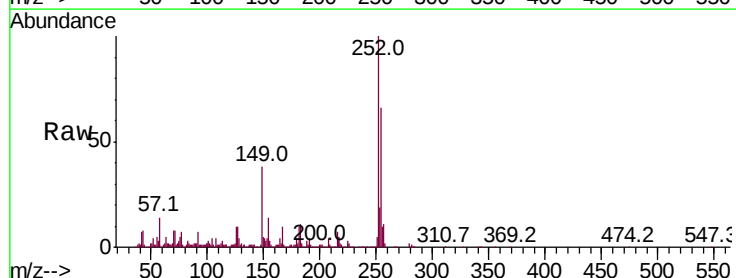
Delta R.T. -0.00 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion:252 Resp: 666019

Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.0	79.4
126	10.4	8.2	12.4

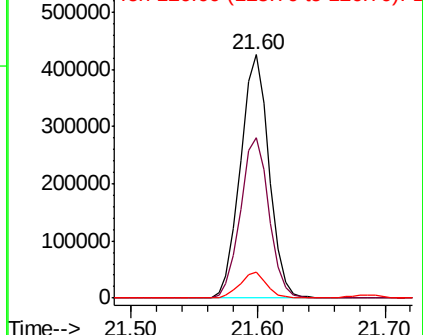
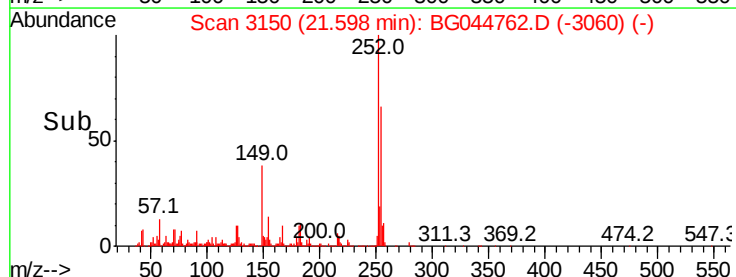


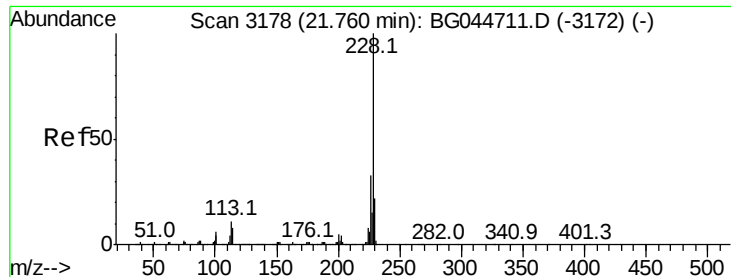
Abundance

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: 35.848 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

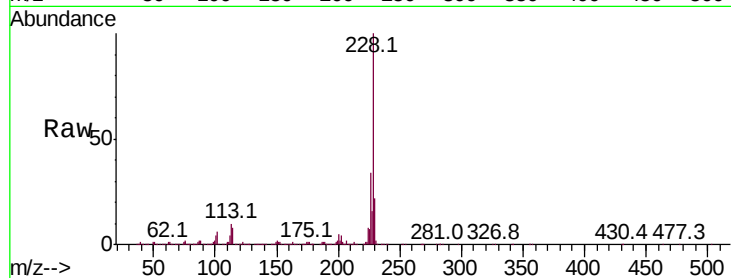
Tot Ion:228 Resp: 1644339

Ion Ratio Lower Upper

228 100

226 34.1 26.1 39.1

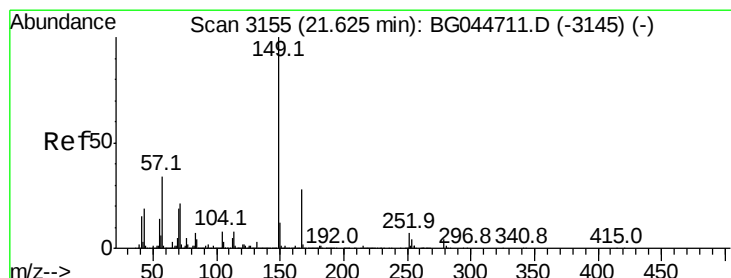
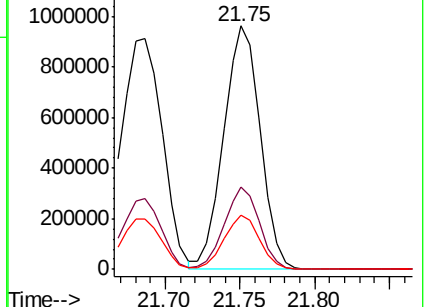
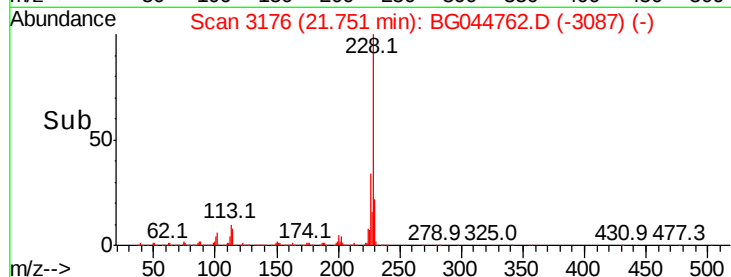
229 22.2 17.4 26.0



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: 36.288 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

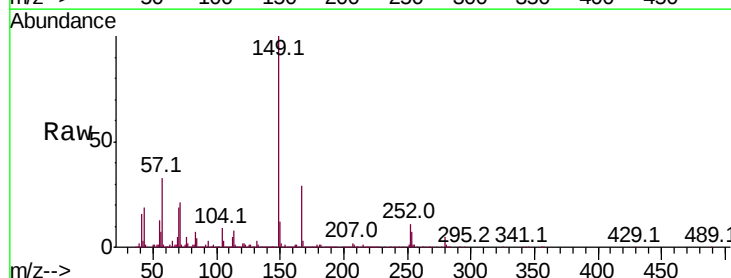
Tgt Ion:149 Resp: 1090100

Ion Ratio Lower Upper

149 100

167 29.2 22.6 33.8

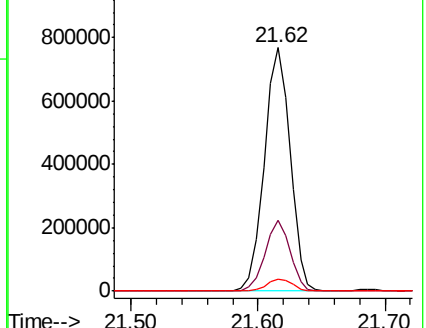
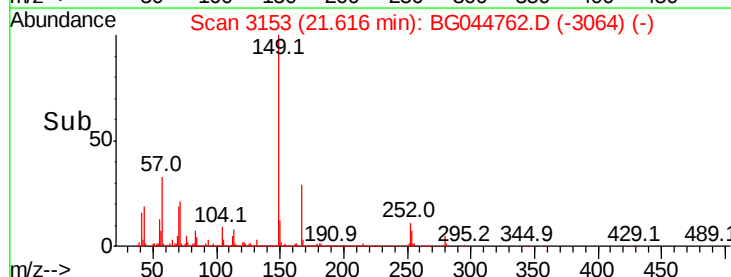
279 4.8 3.5 5.3

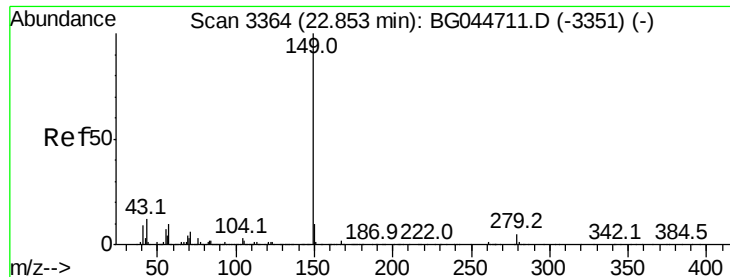


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.115 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampled :

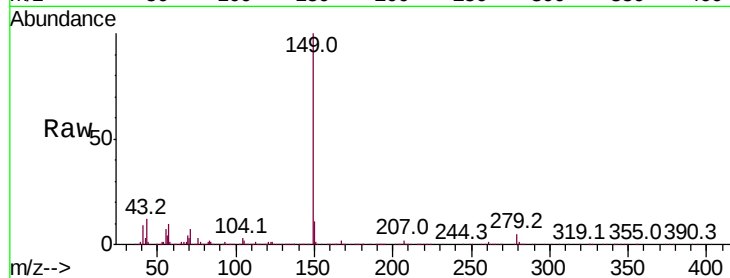
Tot Ion:149 Resp: 1865744

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

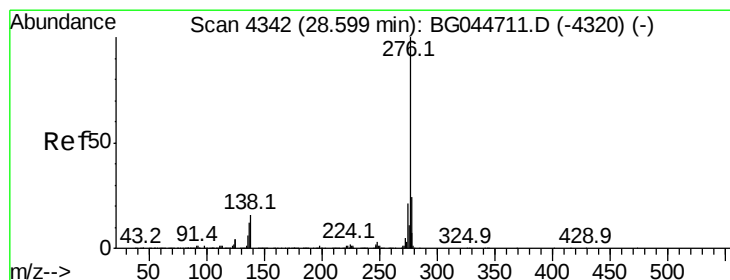
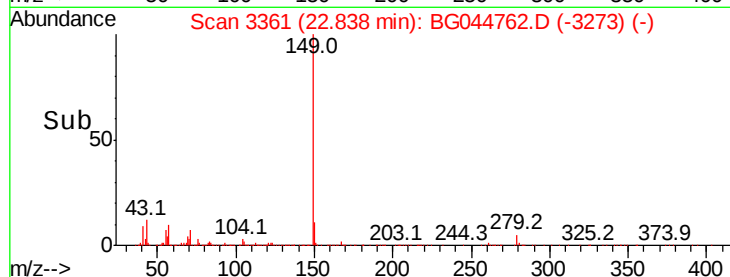
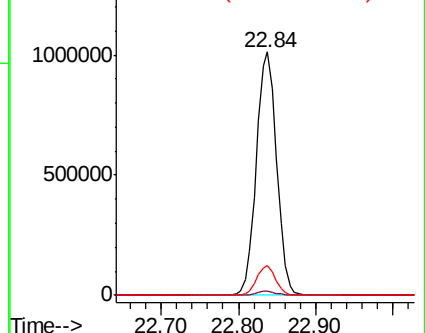
43 11.4 9.0 13.6



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.759 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

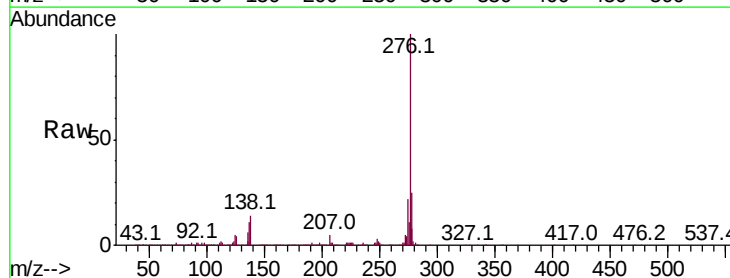
Tgt Ion:276 Resp: 2210540

Ion Ratio Lower Upper

276 100

138 13.5 10.9 16.3

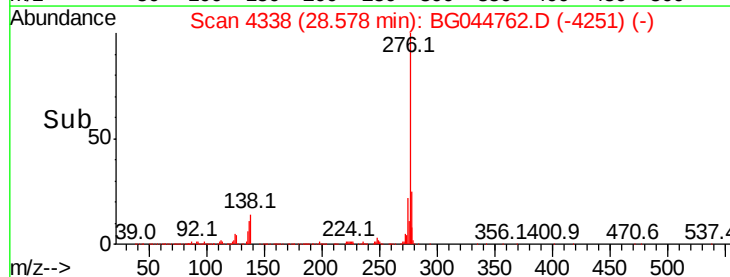
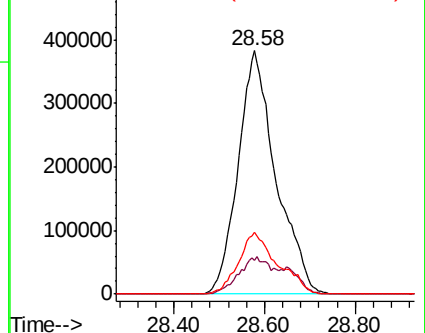
277 26.2 20.8 31.2

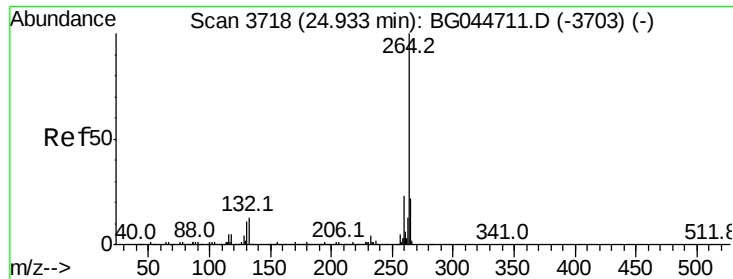


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

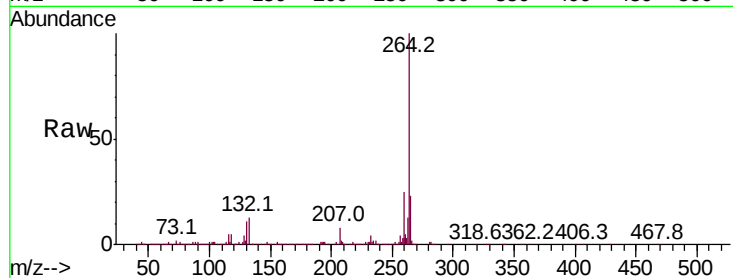
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 788047

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	22.8	17.4	26.2

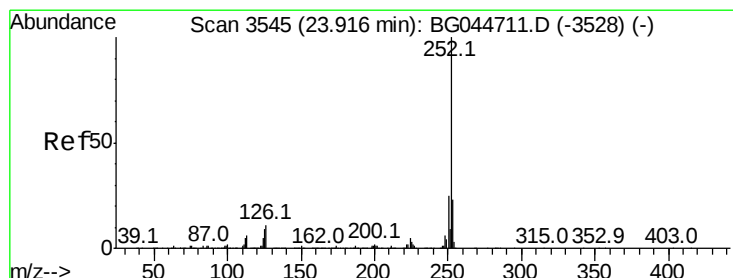
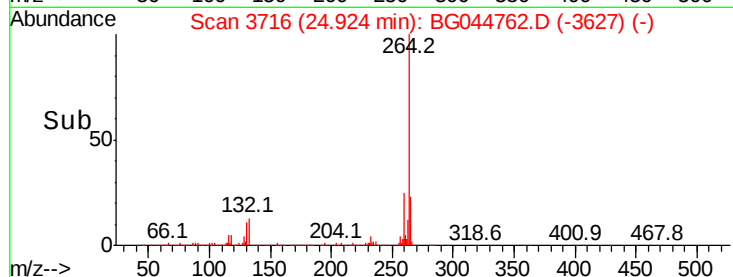
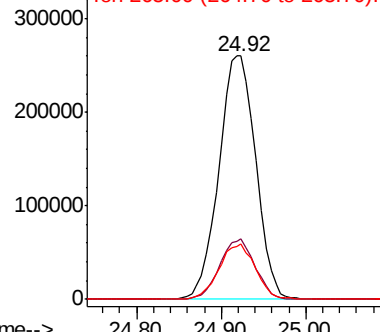


Abundance

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: 35.954 ng

RT: 23.91 min Scan# 3543

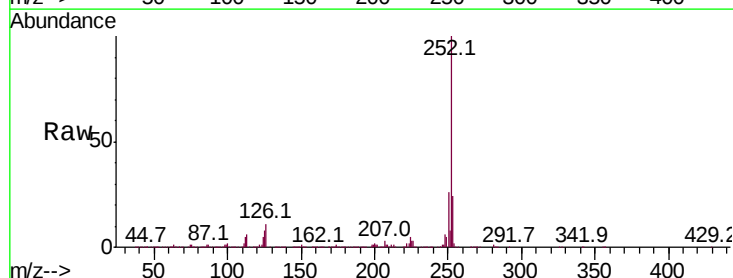
Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Tgt Ion:252 Resp: 1870516

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	7.6	7.2	10.8

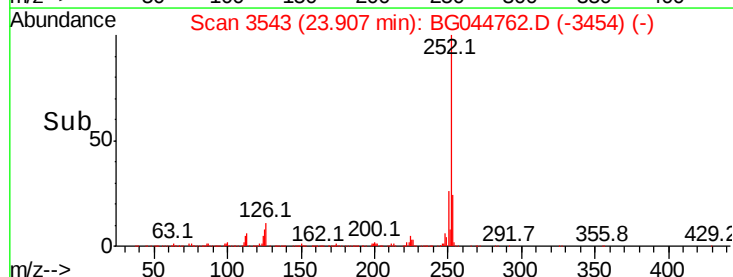
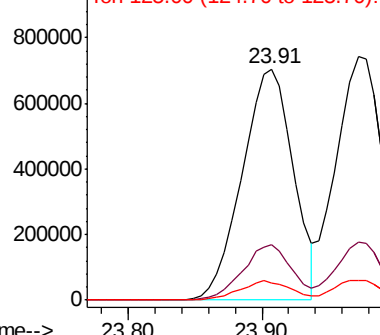


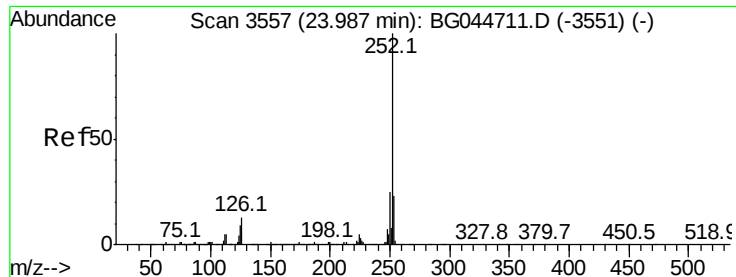
Abundance

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: 36.764 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

Instrument :

BNA_G

ClientSampleId :

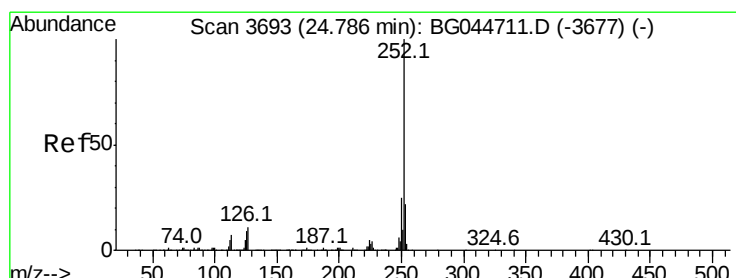
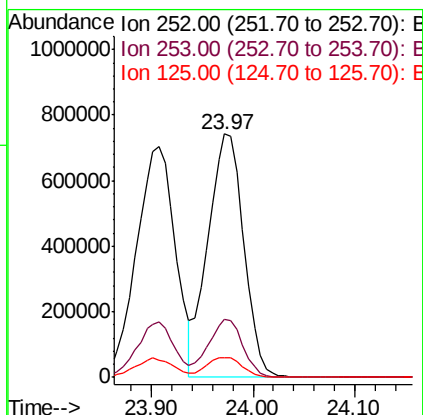
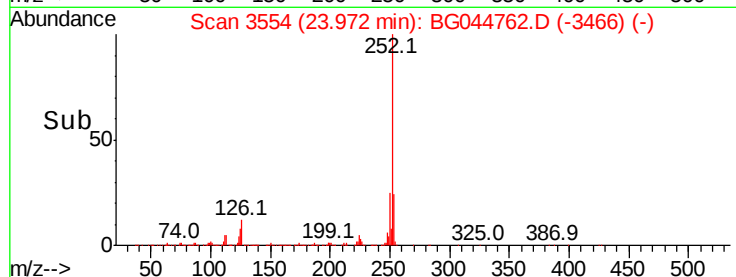
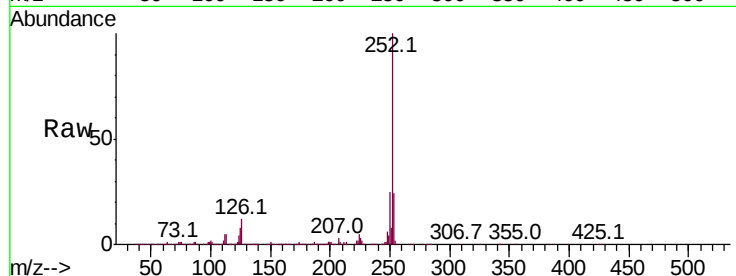
Tot Ion:252 Resp: 1810005

Ion Ratio Lower Upper

252 100

253 23.6 18.4 27.6

125 8.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 36.375 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG044762.D

Acq: 13 Mar 2020 9:23

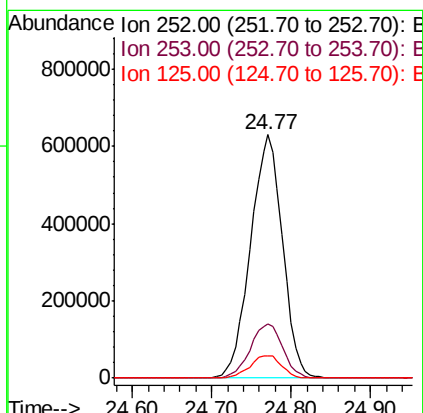
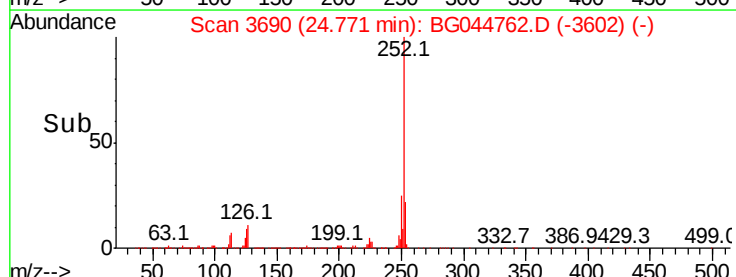
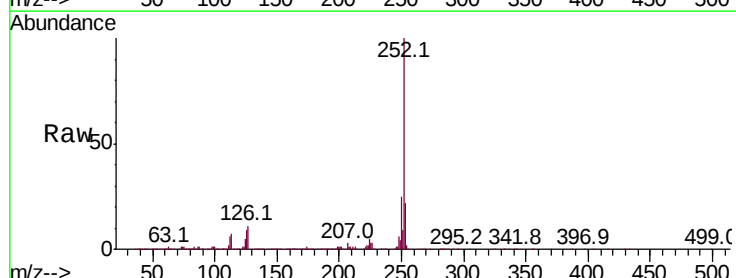
Tgt Ion:252 Resp: 1770729

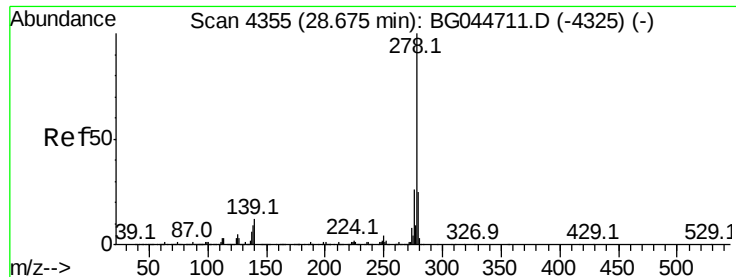
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.1 7.0 10.6

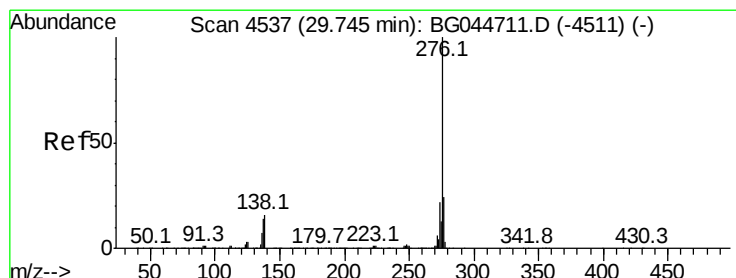
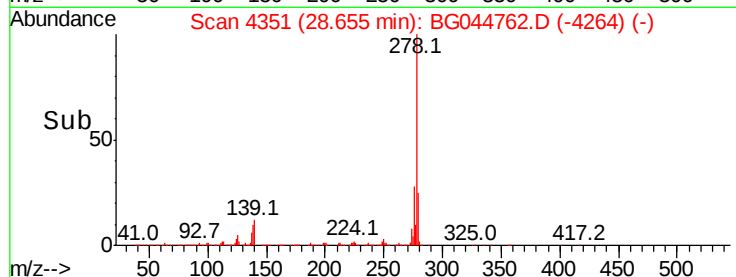
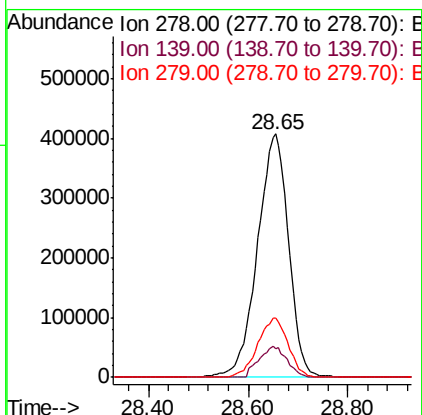
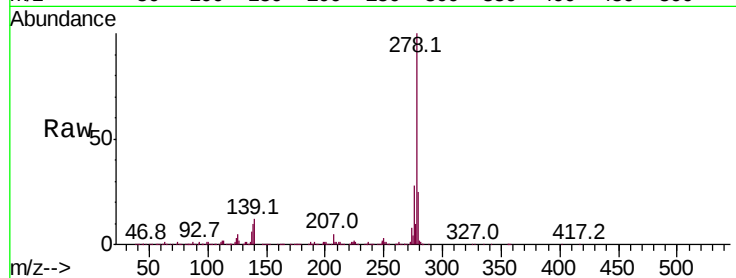




#91
Dibenzo(a,h)anthracene
Concen: 36.726 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.02 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1763809
Ion Ratio Lower Upper
278 100
139 11.9 9.9 14.9
279 24.6 20.2 30.4



#92
Benzo(g,h,i)perylene
Concen: 36.668 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.03 min
Lab File: BG044762.D
Acq: 13 Mar 2020 9:23

Tgt Ion:276 Resp: 1779174
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 15.2 13.0 19.4

