

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044750.D
 Acq On : 13 Mar 2020 1:27
 Operator : CG/JU
 Sample : PB127459BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 06:10:29 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	8.05	152	91747	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	370111	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	258699	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	594540	20.00	ng	0.00
76) Chrysene-d12	21.71	240	537149	20.00	ng	0.00
87) Perylene-d12	24.92	264	647307	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	788976	133.87	ng	0.00
7) Phenol-d6	7.21	99	1095207	127.90	ng	0.00
23) Nitrobenzene-d5	9.21	82	708797	84.04	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	430795	127.18	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1470553	81.40	ng	0.00
79) Terphenyl-d14	20.04	244	2389392	83.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	103811	36.577	ng	93
3) Pyridine	3.91	79	265748	31.629	ng	94
4) n-Nitrosodimethylamine	3.82	42	148040	46.439	ng	98
6) Aniline	7.37	93	420864	39.498	ng	98
8) 2-Chlorophenol	7.62	128	296076	50.324	ng	97
9) Benzaldehyde	7.18	77	231961	46.572	ng	98
10) Phenol	7.24	94	405194	47.795	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	296759	43.861	ng	99
12) 1,3-Dichlorobenzene	7.95	146	307282	42.398	ng	98
13) 1,4-Dichlorobenzene	8.09	146	311161	43.427	ng	99
14) 1,2-Dichlorobenzene	8.41	146	286881	42.217	ng	96
15) Benzyl Alcohol	8.29	79	318710	46.388	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	496785	41.607	ng	98
17) 2-Methylphenol	8.49	107	274873	47.865	ng	97
18) Hexachloroethane	9.15	117	122758	43.517	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	255370	42.234	ng	97
20) 3+4-Methylphenols	8.82	107	378841	47.856	ng	97
22) Acetophenone	8.87	105	441754	42.131	ng	# 98
24) Nitrobenzene	9.25	77	386955	44.215	ng	96
25) Isophorone	9.78	82	708943	43.067	ng	96
26) 2-Nitrophenol	9.97	139	148614	48.809	ng	98
27) 2,4-Dimethylphenol	10.03	122	283074	52.805	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	406509	41.380	ng	96
29) 2,4-Dichlorophenol	10.51	162	299053	47.762	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	316660	42.296	ng	94
31) Naphthalene	10.91	128	888149	43.319	ng	99
32) Benzoic acid	10.16	122	182436	44.555	ng	91
33) 4-Chloroaniline	11.01	127	275021	29.774	ng	97
34) Hexachlorobutadiene	11.21	225	200999	40.825	ng	98
35) Caprolactam	11.78	113	48271	20.362	ng	# 84
36) 4-Chloro-3-methylphenol	12.13	107	357526	47.877	ng	99
37) 2-Methylnaphthalene	12.52	142	673092	43.888	ng	97
38) 1-Methylnaphthalene	12.73	142	643885	44.657	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	341982	40.140	ng	98

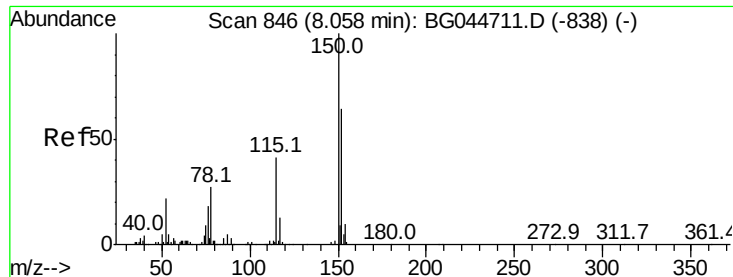
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	485283	104.225	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	259885	45.964	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	278471	47.491	ng	97
46) 1,1'-Biphenyl	13.52	154	848346	41.036	ng	98
47) 2-Chloronaphthalene	13.56	162	652694	41.329	ng	98
48) 2-Nitroaniline	13.75	65	252908	45.743	ng	97
49) Acenaphthylene	14.41	152	1081463	43.711	ng	99
50) Dimethylphthalate	14.14	163	877079	42.568	ng	99
51) 2,6-Dinitrotoluene	14.25	165	195309	47.027	ng	98
52) Acenaphthene	14.75	154	780884	48.193	ng	98
53) 3-Nitroaniline	14.57	138	157745	33.036	ng	96
54) 2,4-Dinitrophenol	14.78	184	204029	92.554	ng	# 70
55) Dibenzofuran	15.09	168	1029754	43.825	ng	99
56) 4-Nitrophenol	14.88	139	349016	95.775	ng	96
57) 2,4-Dinitrotoluene	15.04	165	266179	46.731	ng	96
58) Fluorene	15.74	166	846700	43.805	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.23	232	254052	47.060	ng	99
60) Diethylphthalate	15.51	149	922248	42.915	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	454272	43.647	ng	98
62) 4-Nitroaniline	15.74	138	214912	42.210	ng	98
63) Azobenzene	16.03	77	977959	43.822	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	148010	52.113	ng	97
66) n-Nitrosodiphenylamine	15.94	169	783083	43.748	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	312536	42.049	ng	98
68) Hexachlorobenzene	16.74	284	337260	41.825	ng	95
69) Atrazine	16.89	200	303139	46.224	ng	99
70) Pentachlorophenol	17.08	266	424206	95.613	ng	98
71) Phenanthrene	17.48	178	1377416	43.354	ng	100
72) Anthracene	17.56	178	1423889	45.451	ng	99
73) Carbazole	17.83	167	1327506	44.113	ng	99
74) Di-n-butylphthalate	18.40	149	1619793	44.279	ng	99
75) Fluoranthene	19.48	202	1711329	45.239	ng	98
77) Benzidine	19.66	184	1097633	62.945	ng	97
78) Pyrene	19.84	202	1701279	43.170	ng	98
80) Butylbenzylphthalate	20.74	149	748844	42.713	ng	98
81) Benzo(a)anthracene	21.68	228	1686101	43.593	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	524815	35.073	ng	99
83) Chrysene	21.75	228	1609895	43.573	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	1040009	42.982	ng	100
85) Di-n-octyl phthalate	22.84	149	1823100	45.025	ng	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2187362	45.158	ng	99
88) Benzo(b)fluoranthene	23.90	252	1853666	43.377	ng	99
89) Benzo(k)fluoranthene	23.97	252	1743202	43.105	ng	99
90) Benzo(a)pyrene	24.77	252	1703606	42.605	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	1772466	44.931	ng	100
92) Benzo(g,h,i)perylene	29.73	276	1811484	45.451	ng	99

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

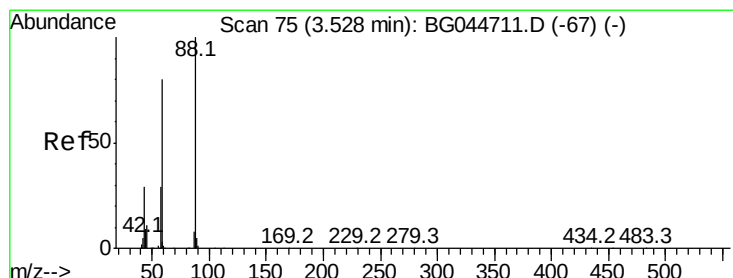
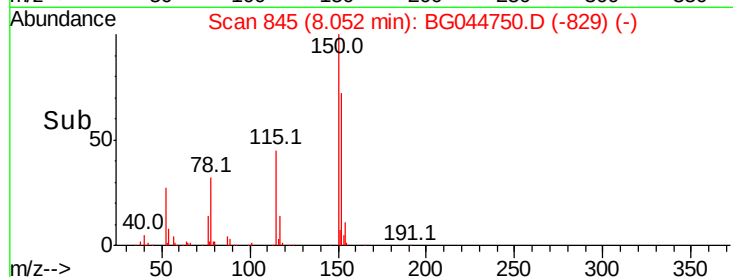
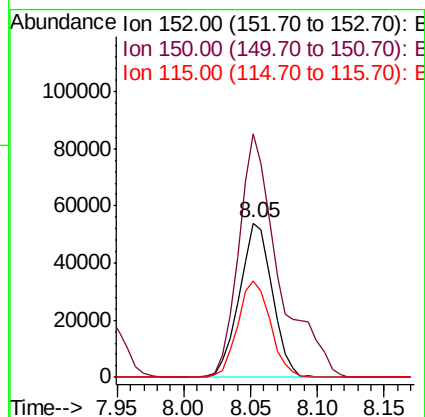
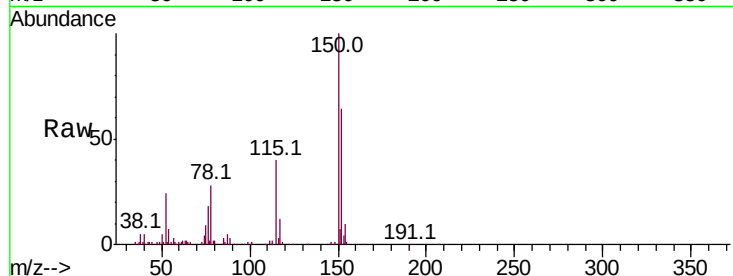


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :

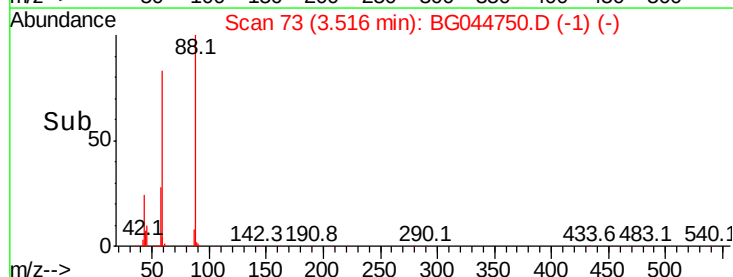
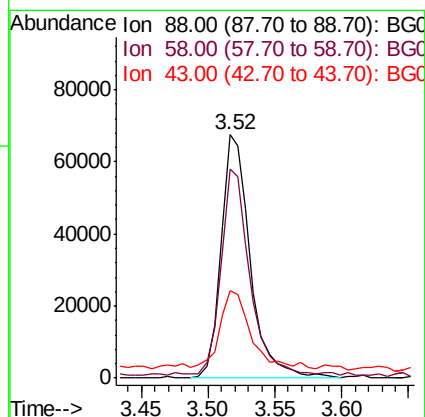
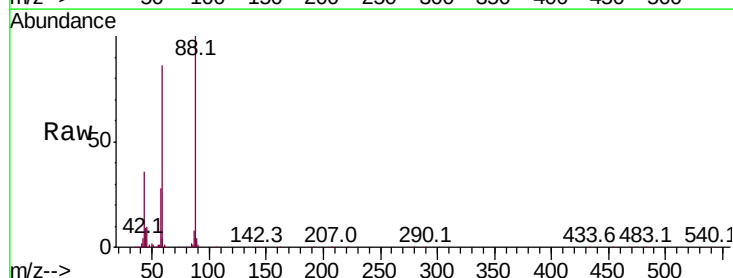
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.3	187.9
115	62.4	51.7	77.5

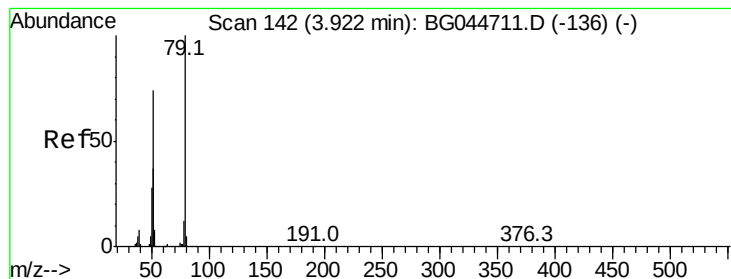


#2

1,4-Dioxane
Concen: 36.577 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	63.0	94.4
43	33.2	23.2	34.8





#3

Pvridine

Concen: 31.629 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

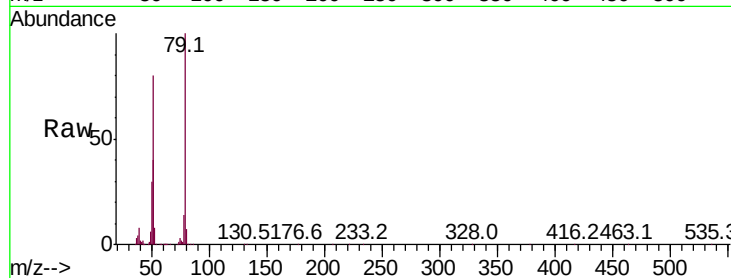
Tot Ion: 79 Resp: 265748

Ion Ratio Lower Upper

79 100

52 80.0 59.4 89.2

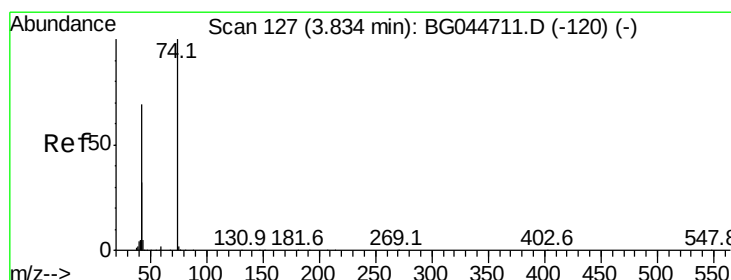
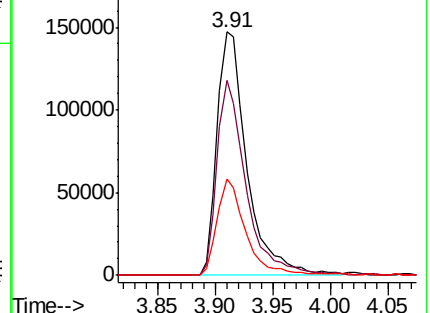
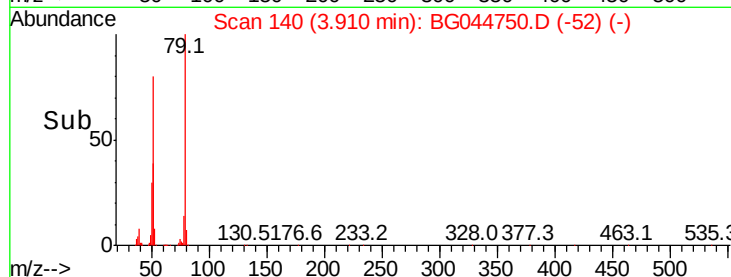
51 39.7 29.7 44.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.439 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

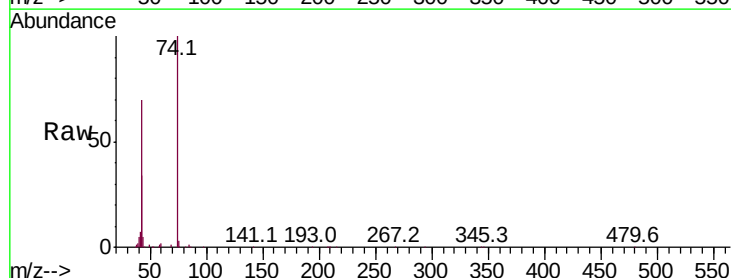
Tgt Ion: 42 Resp: 148040

Ion Ratio Lower Upper

42 100

74 142.3 116.1 174.1

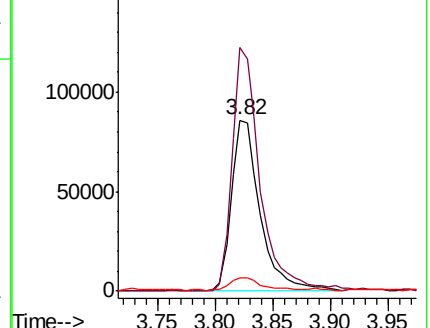
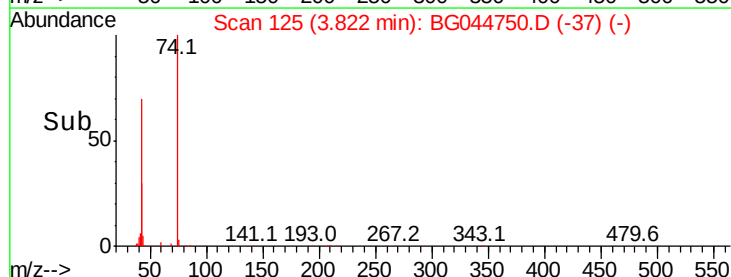
44 7.7 7.1 10.7

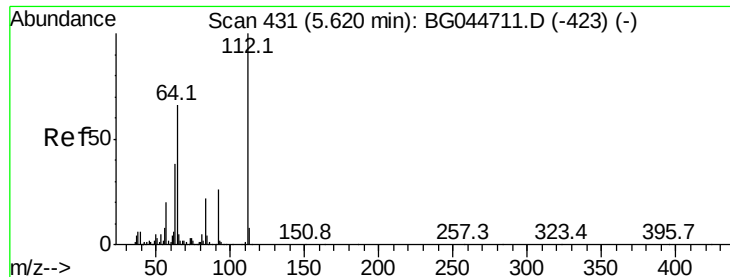


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 133.867 ng

RT: 5.62 min Scan# 431

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

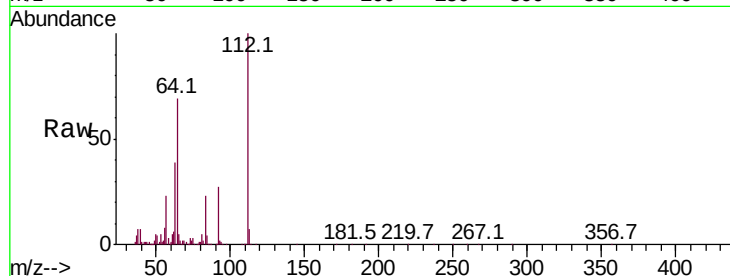
Tot Ion:112 Resp: 788976

Ion Ratio Lower Upper

112 100

64 68.8 52.6 78.8

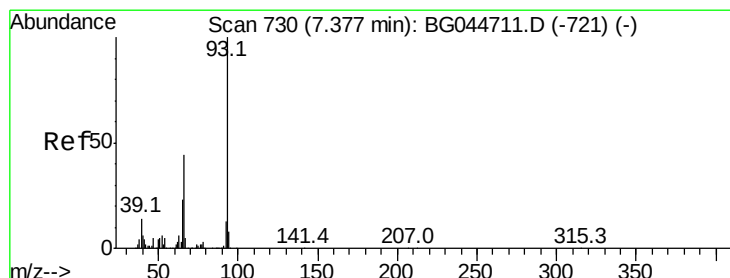
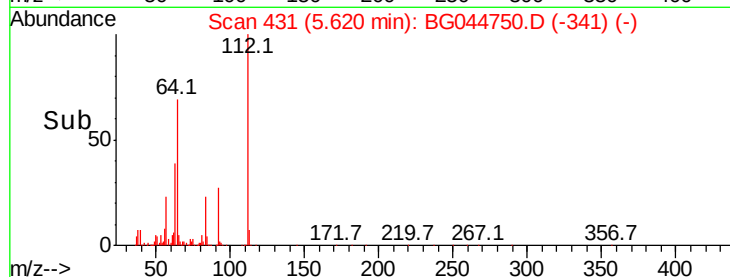
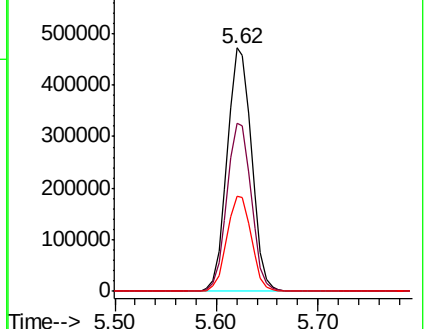
63 39.3 30.2 45.4



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: 39.498 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

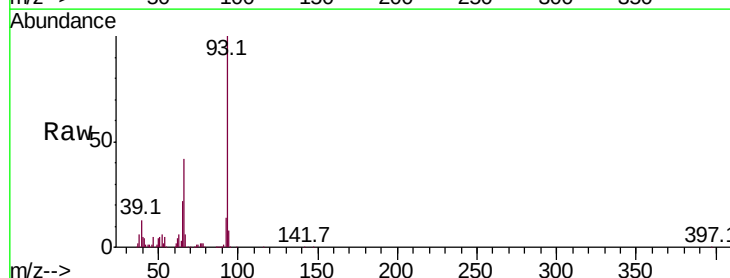
Tgt Ion: 93 Resp: 420864

Ion Ratio Lower Upper

93 100

66 42.0 35.3 52.9

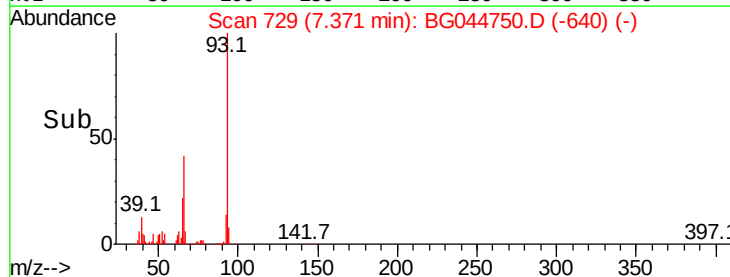
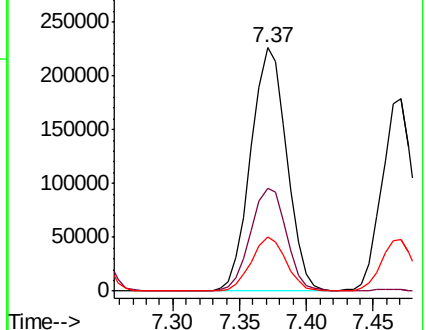
65 22.3 18.2 27.4

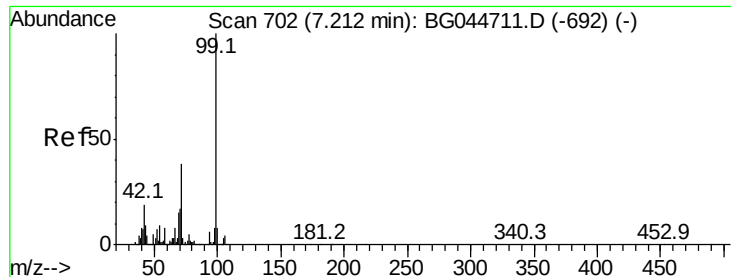


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.898 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

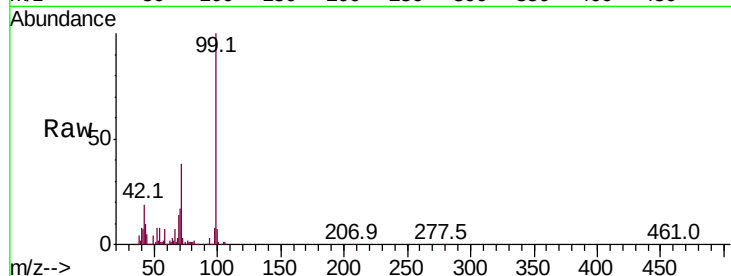
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1095207

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.0
71	38.0	30.2	45.4

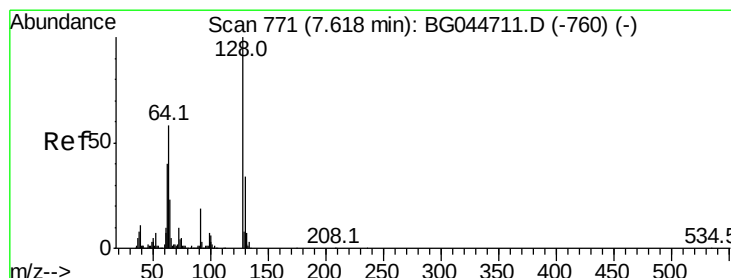
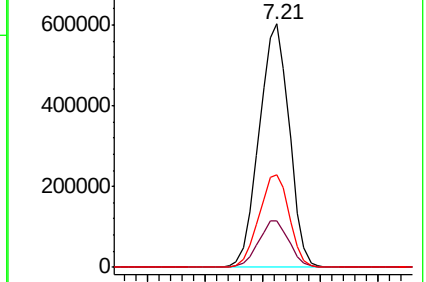
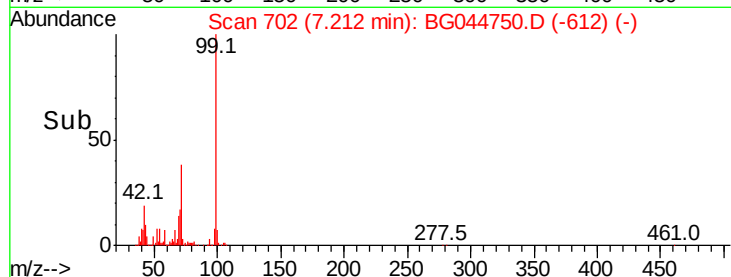


Abundance

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: 50.324 ng

RT: 7.62 min Scan# 771

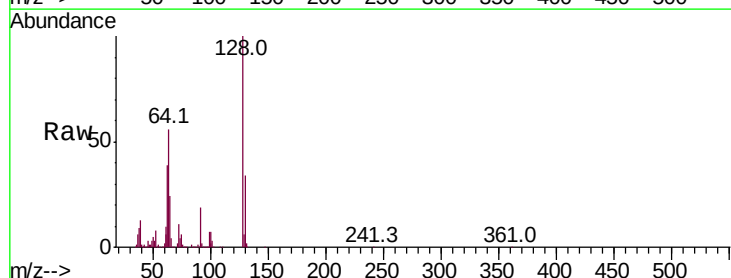
Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion: 128 Resp: 296076

Ion	Ratio	Lower	Upper
128	100		
130	34.3	13.6	53.6
64	56.0	38.6	78.6

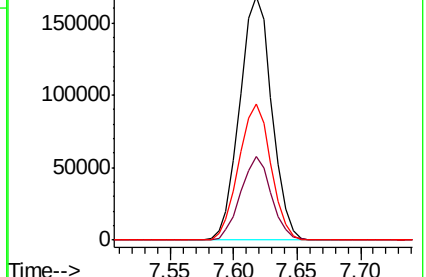
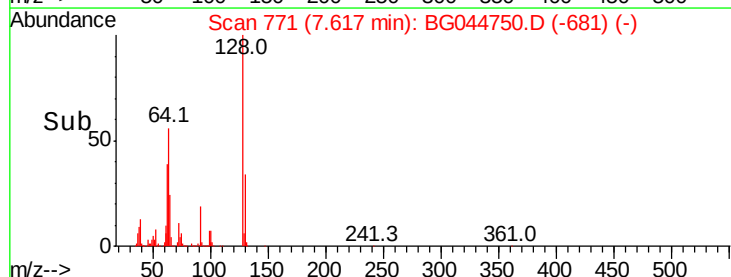


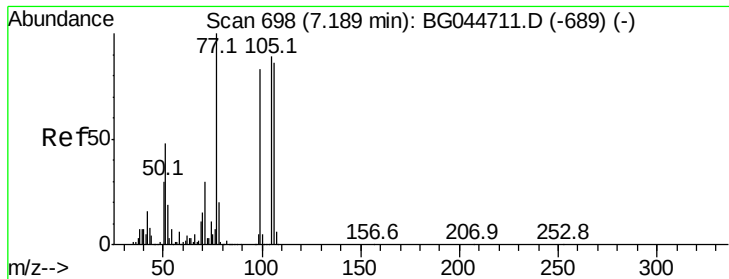
Abundance

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: 46.572 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

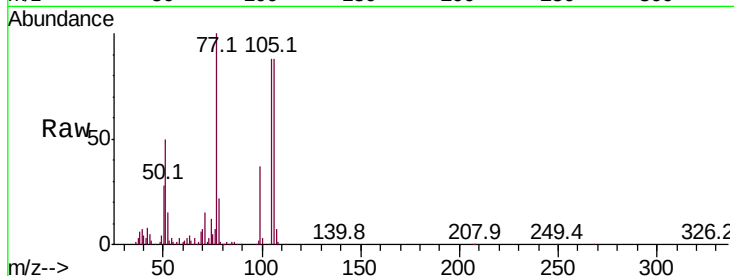
Tot Ion: 77 Resp: 231961

Ion Ratio Lower Upper

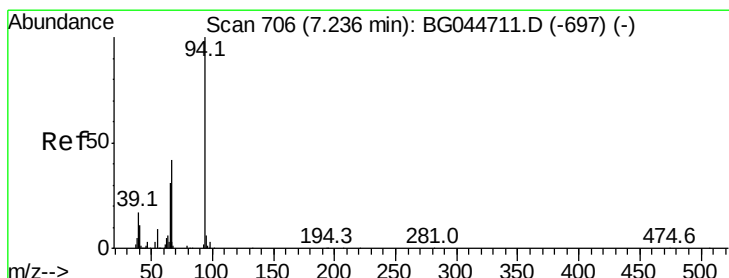
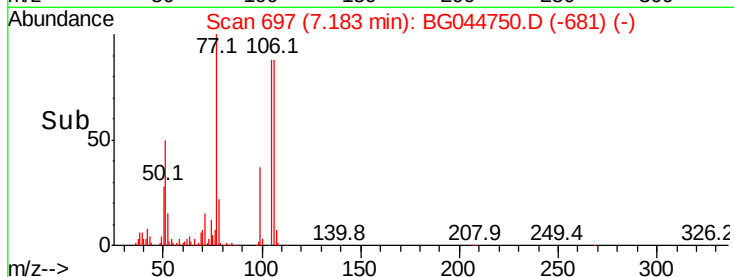
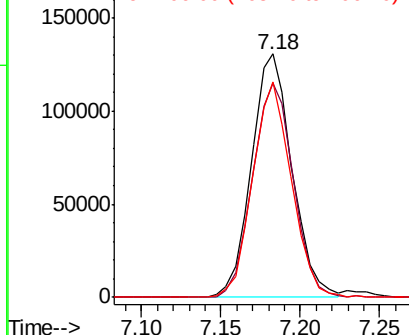
77 100

105 88.1 68.6 108.6

106 88.4 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: 47.795 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

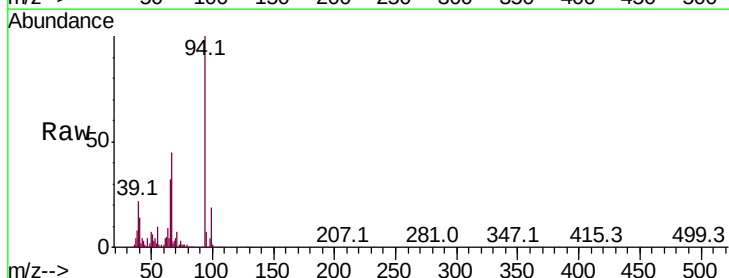
Tgt Ion: 94 Resp: 405194

Ion Ratio Lower Upper

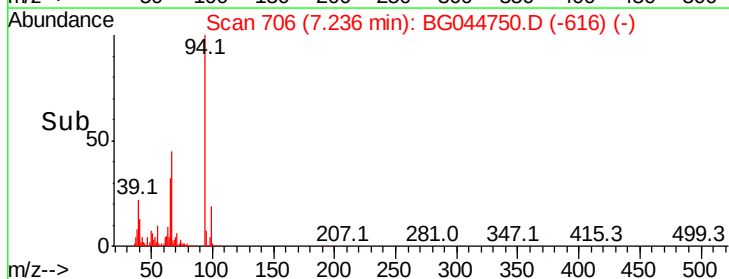
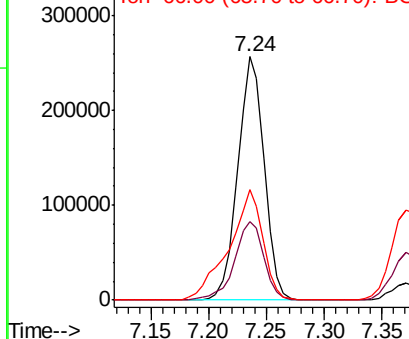
94 100

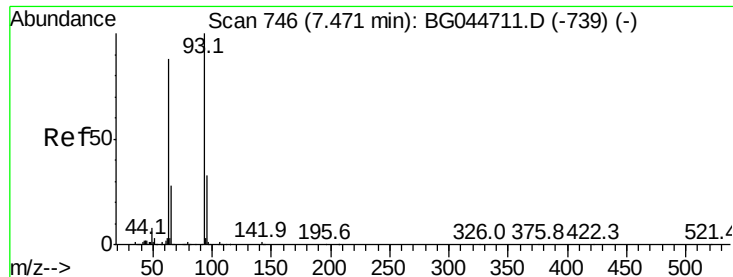
65 32.0 11.3 51.3

66 45.2 22.9 62.9



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





#11

bis(2-Chloroethyl)ether

Concen: 43.861 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

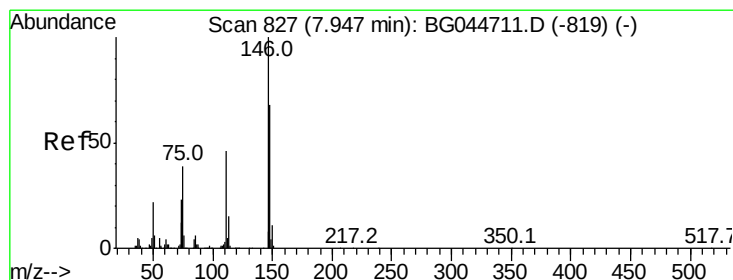
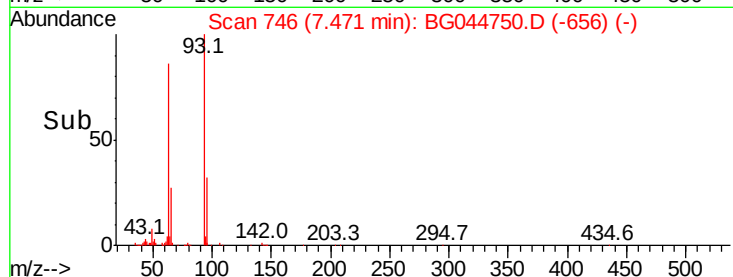
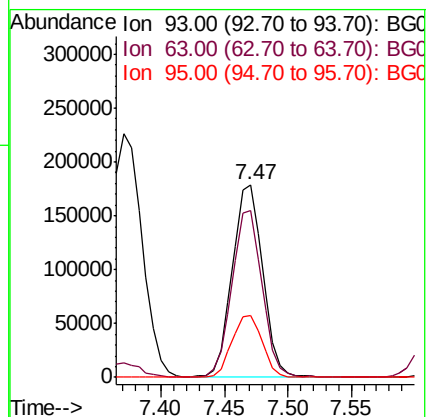
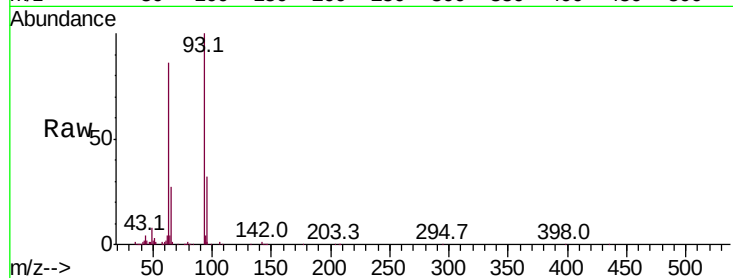
Tot Ion: 93 Resp: 296759

Ion	Ratio	Lower	Upper
93	100		
63	86.5	68.1	108.1
95	32.1	12.4	52.4

93 100

63 86.5 68.1 108.1

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.398 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

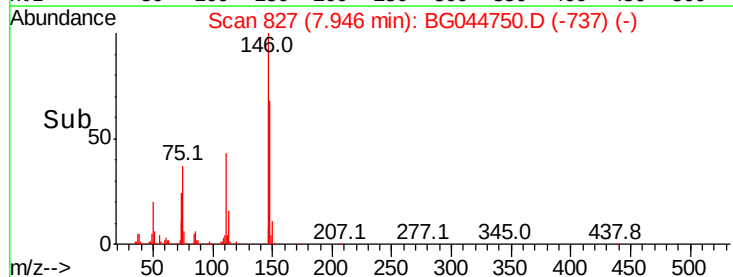
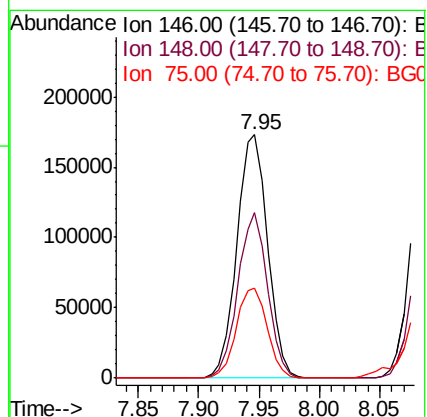
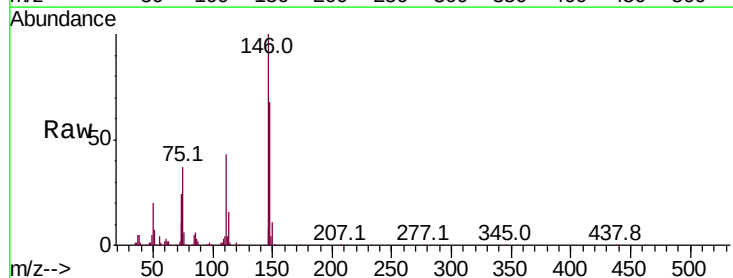
Tgt Ion: 146 Resp: 307282

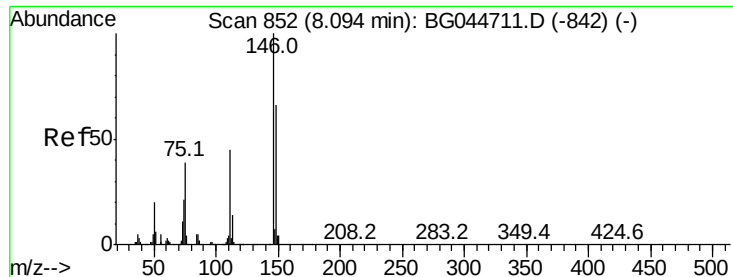
Ion	Ratio	Lower	Upper
146	100		
148	68.2	54.2	81.2
75	37.2	31.3	46.9

146 100

148 68.2 54.2 81.2

75 37.2 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 43.427 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

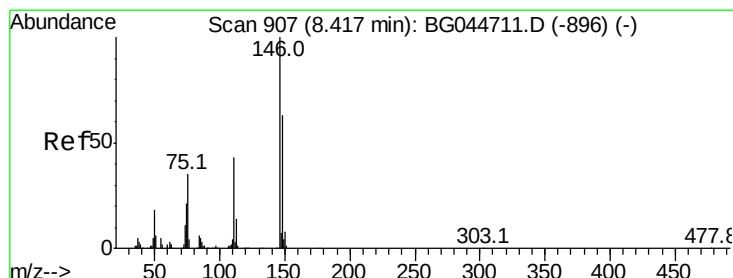
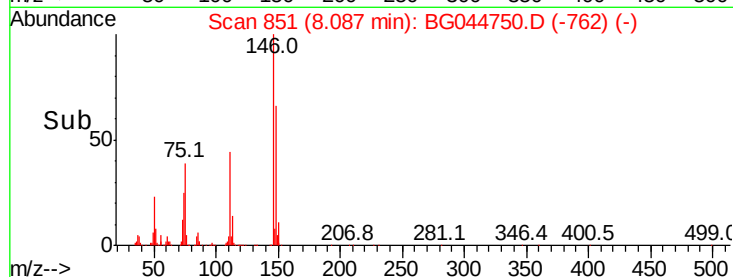
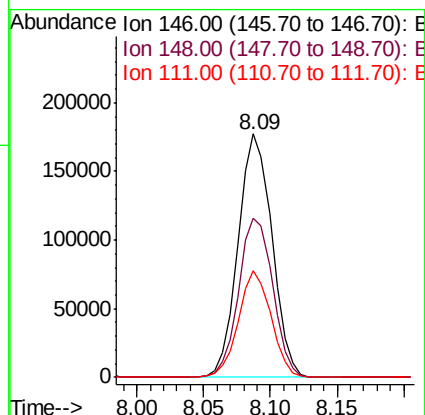
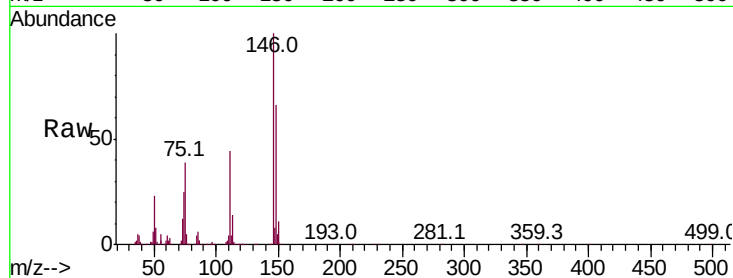
Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 311161

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.9	79.3
111	44.0	35.6	53.4



#14

1,2-Dichlorobenzene

Concen: 42.217 ng

RT: 8.41 min Scan# 906

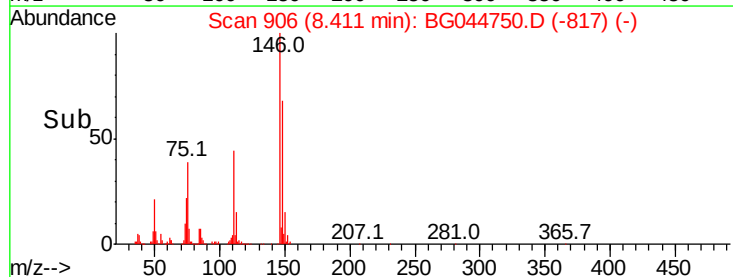
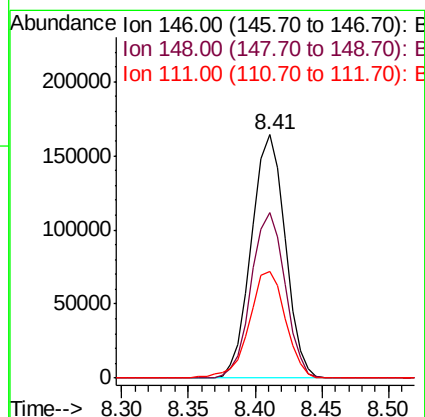
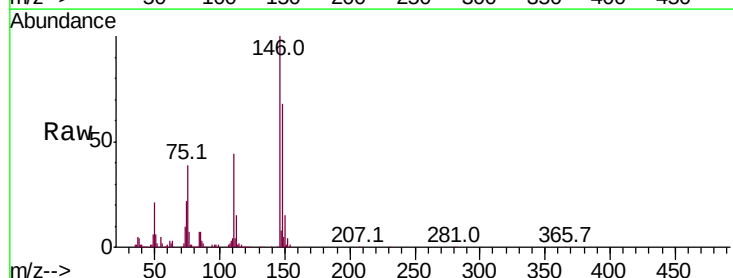
Delta R.T. -0.01 min

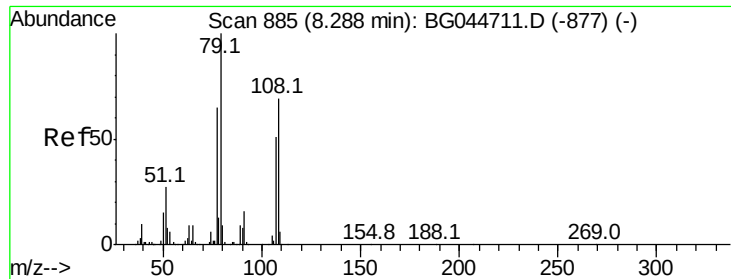
Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:146 Resp: 286881

Ion	Ratio	Lower	Upper
146	100		
148	68.0	50.8	76.2
111	43.7	34.8	52.2





#15

Benzyl Alcohol

Concen: 46.388 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

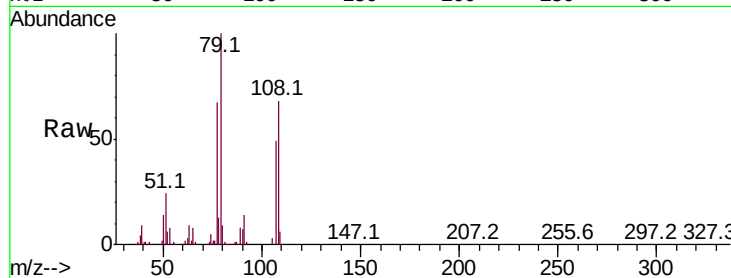
Tot Ion: 79 Resp: 318710

Ion Ratio Lower Upper

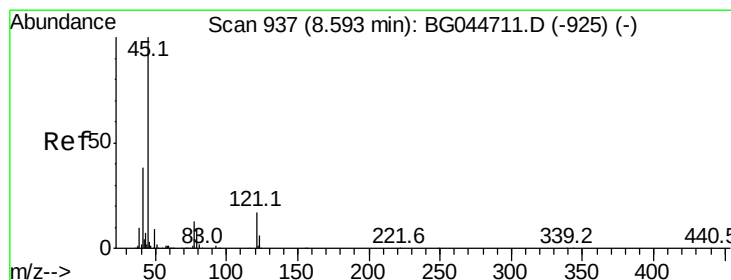
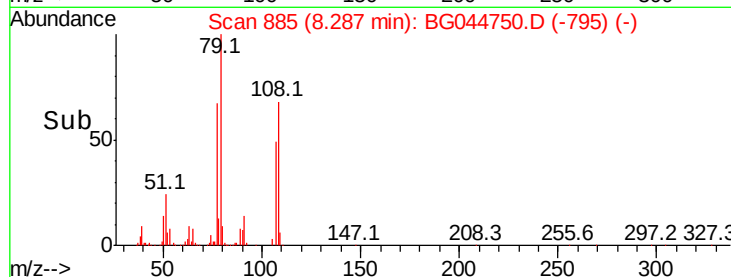
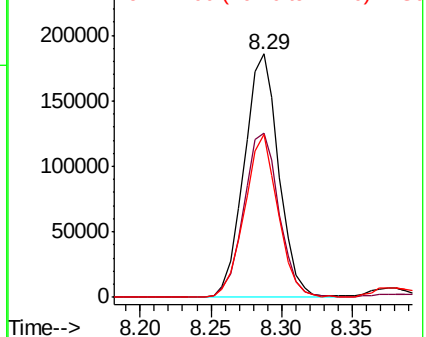
79 100

108 67.7 55.4 83.0

77 67.1 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: 41.607 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

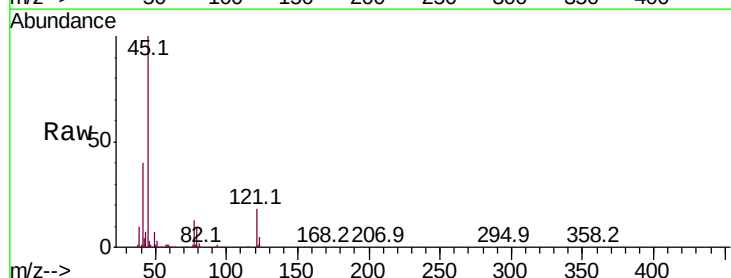
Tgt Ion: 45 Resp: 496785

Ion Ratio Lower Upper

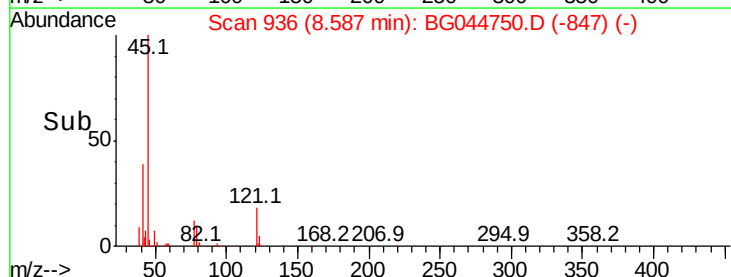
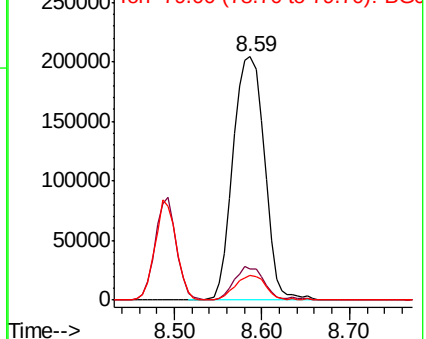
45 100

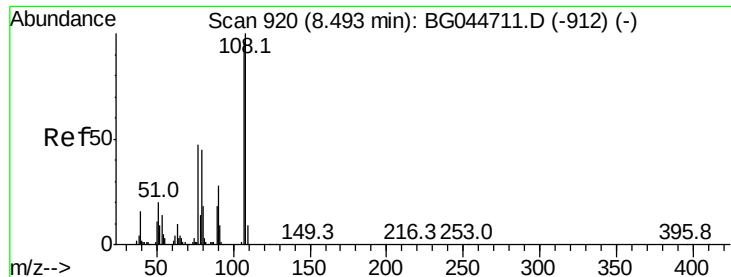
77 12.6 0.0 33.4

79 10.3 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

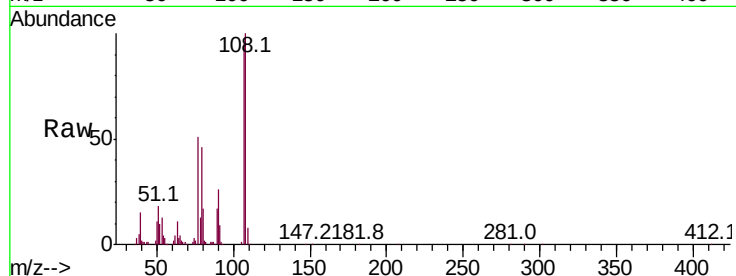




#17
2-Methylphenol
Concen: 47.865 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.5	83.2	124.8
77	53.4	39.0	58.6
79	49.0	37.6	56.4



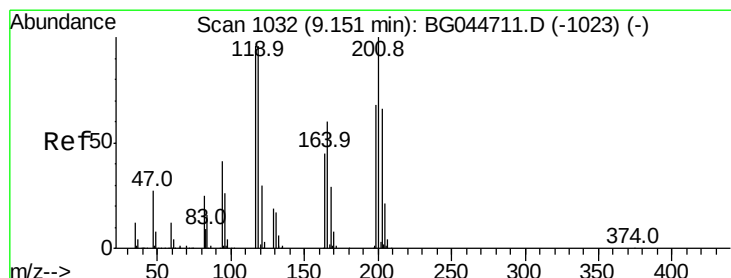
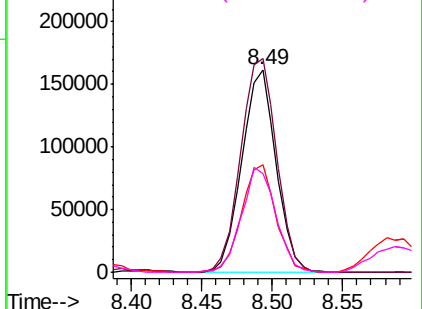
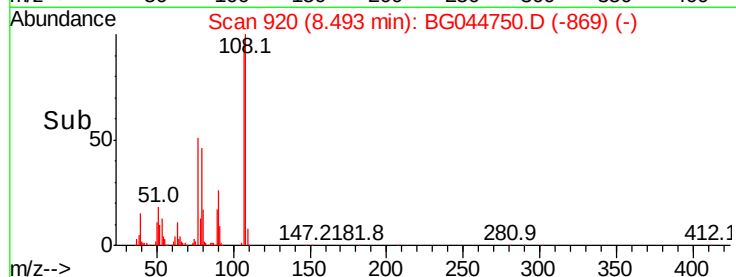
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

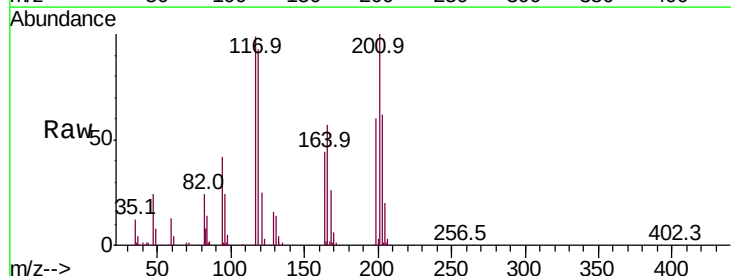
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.517 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	80.2	120.4
201	101.1	83.4	125.2

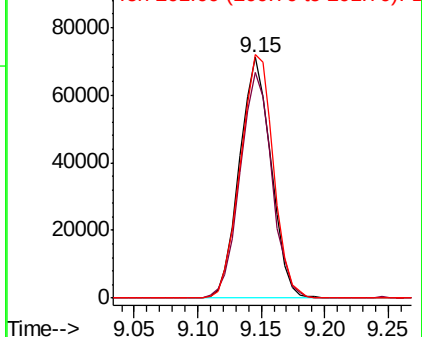
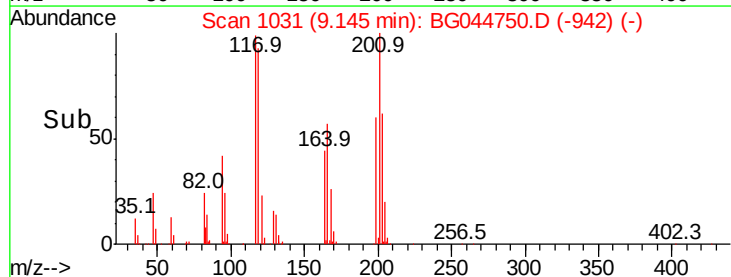


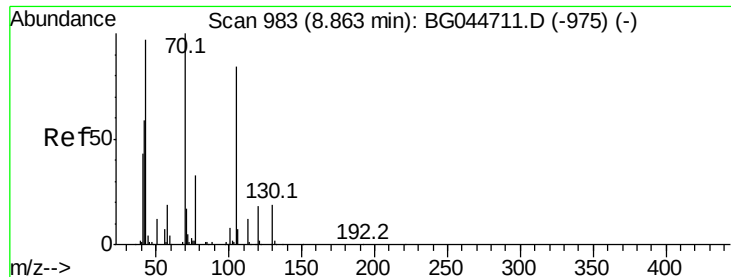
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

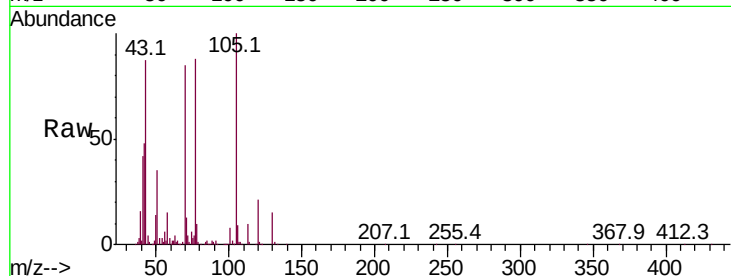




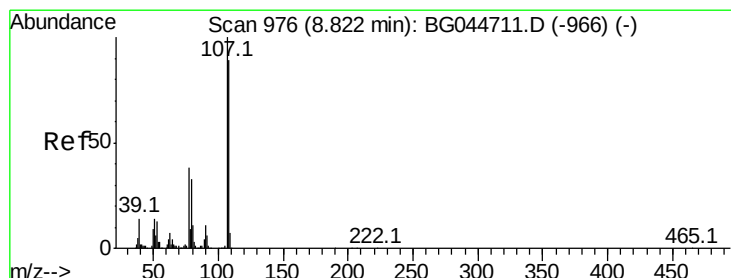
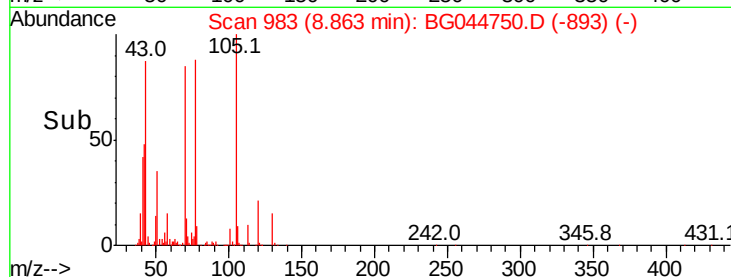
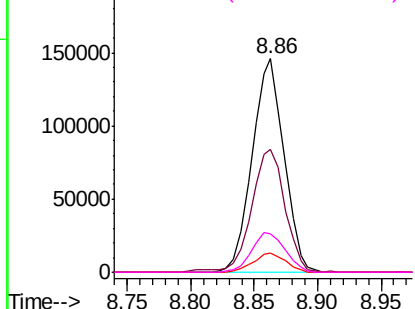
#19
n-Nitroso-di-n-propylamine
Concen: 42.234 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 255370
Ion Ratio Lower Upper
70 100
42 57.3 47.6 71.4
101 9.2 6.5 9.7
130 18.2 15.0 22.4

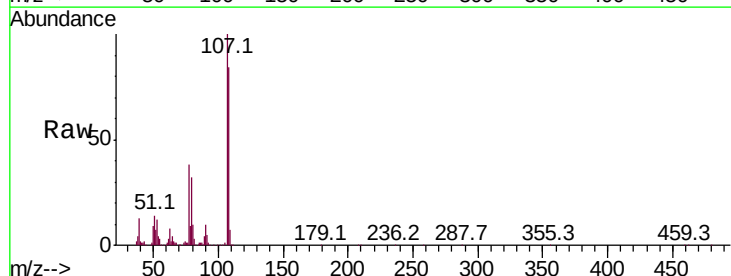


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

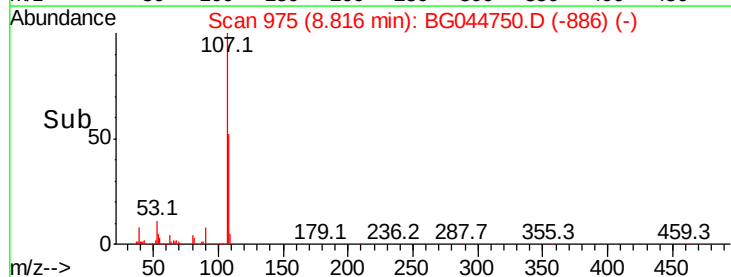
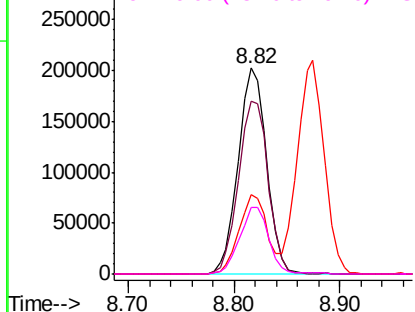


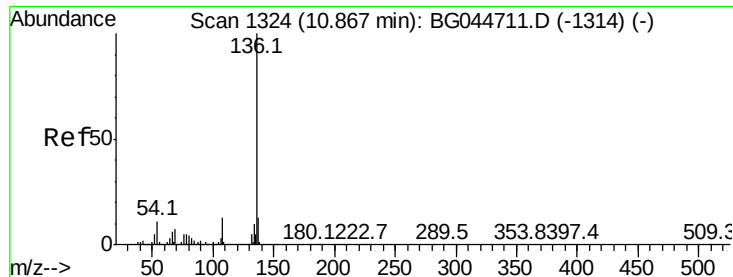
#20
3+4-Methylphenols
Concen: 47.856 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion: 107 Resp: 378841
Ion Ratio Lower Upper
107 100
108 84.1 69.1 109.1
77 38.3 17.7 57.7
79 32.5 13.0 53.0



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

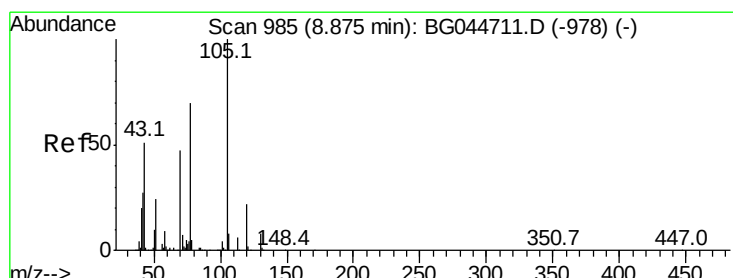
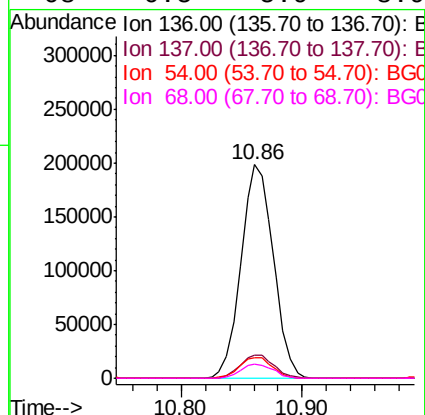
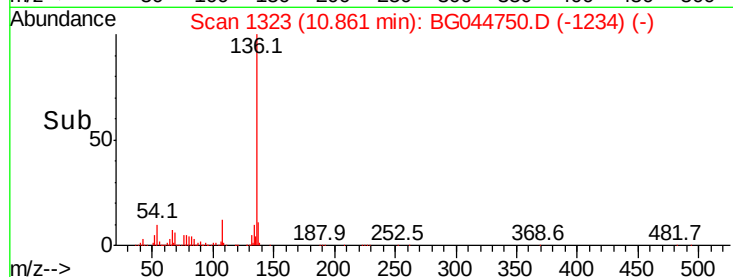
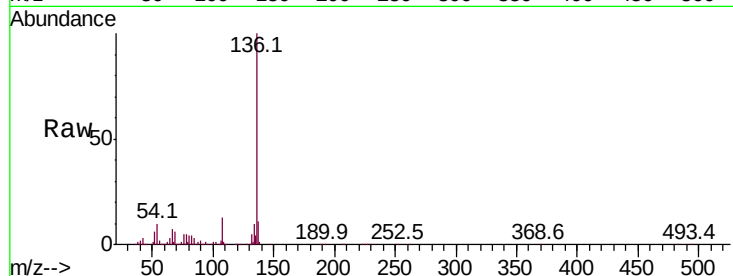




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

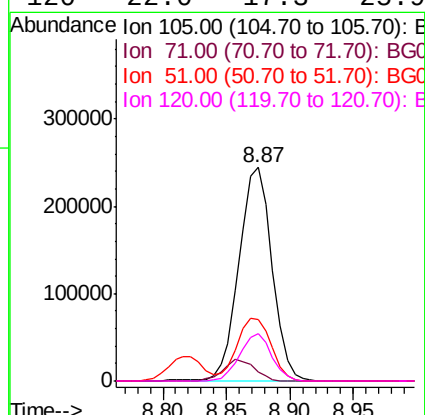
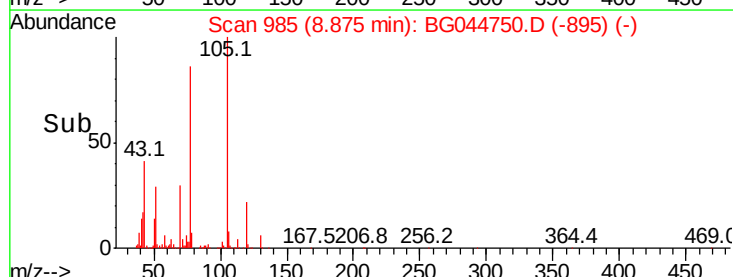
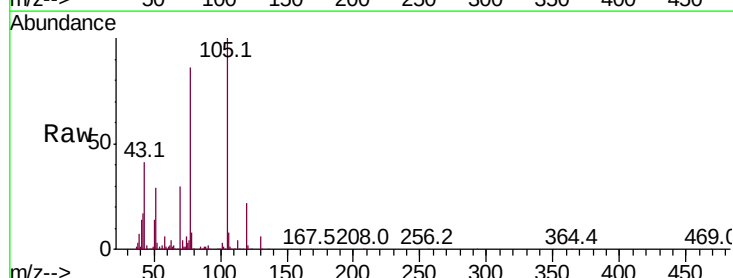
Instrument :
BNA_G
ClientSampleId :

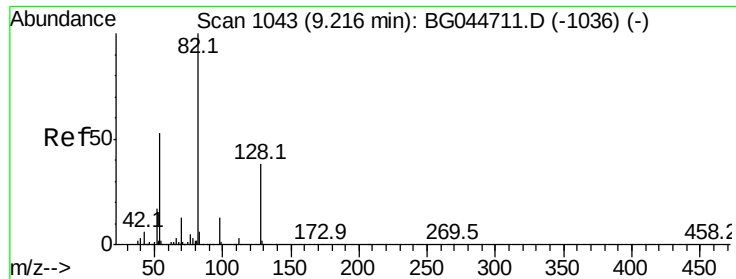
Tot Ion:136	Resp:	370111
Ion Ratio	Lower	Upper
136 100		
137 11.1	10.7	16.1
54 9.5	9.0	13.4
68 6.5	5.9	8.9



#22
Acetophenone
Concen: 42.131 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt	Ion:105	Resp:	441754
Ion	Ratio	Lower	Upper
105	100		
71	4.4	5.8	8.8#
51	28.9	23.8	35.8
120	22.0	17.3	25.9

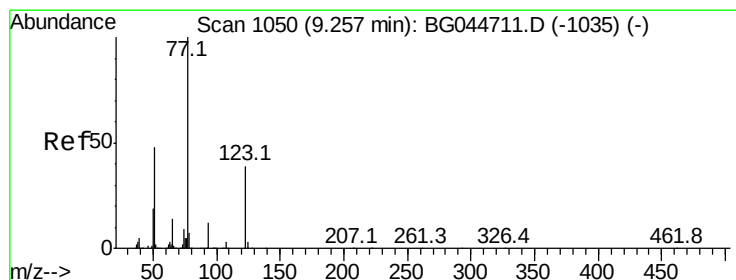
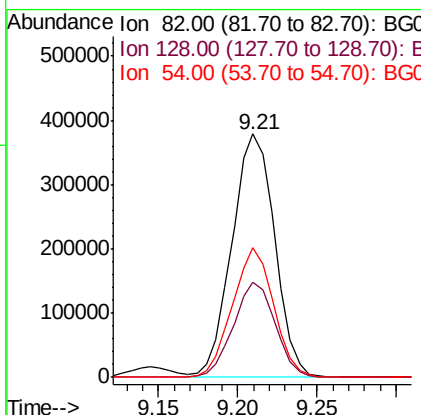
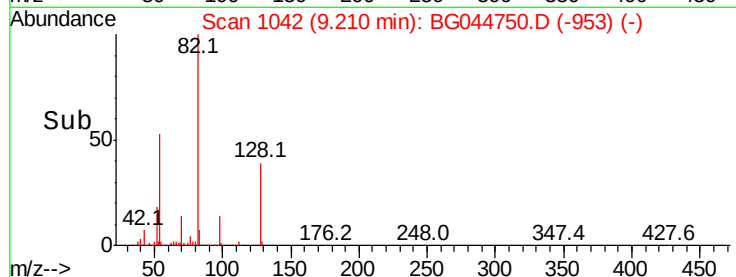
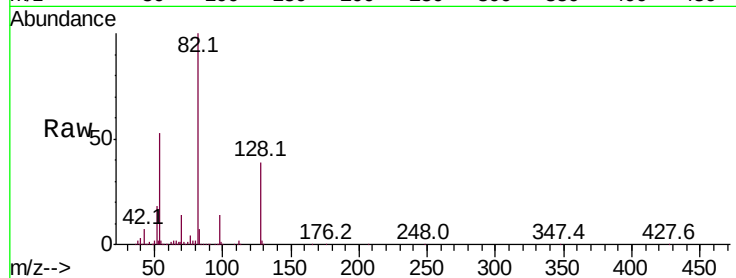




#23
 Nitrobenzene-d5
 Concen: 84.037 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

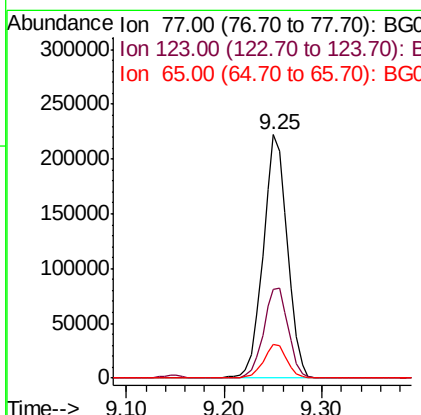
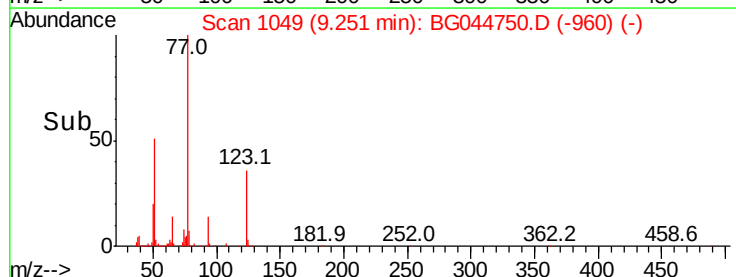
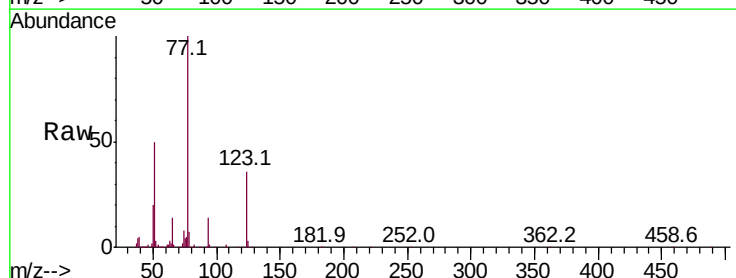
Instrument :
 BNA_G
 ClientSampled :

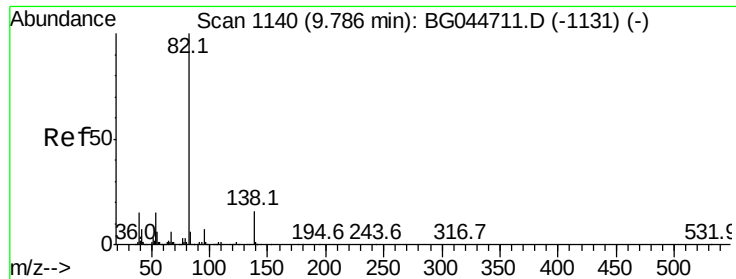
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.2	45.2
54	53.2	41.8	62.8



#24
 Nitrobenzene
 Concen: 44.215 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.4	31.5	47.3
65	13.9	11.0	16.4





#25

Isophorone

Concen: 43.067 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampled :

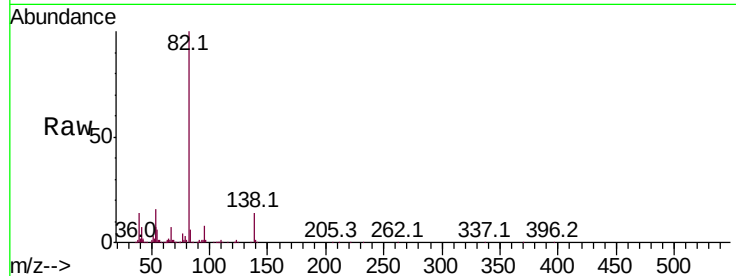
Tot Ion: 82 Resp: 708943

Ion Ratio Lower Upper

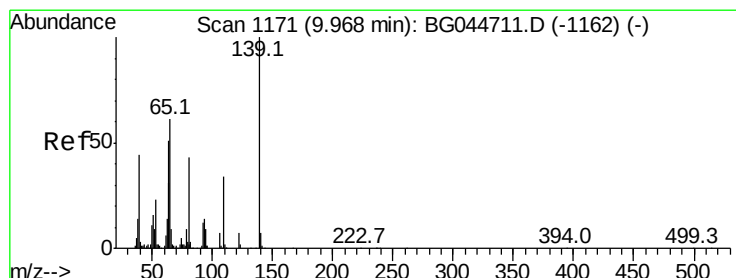
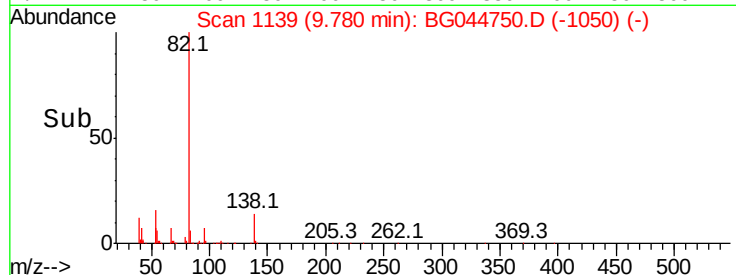
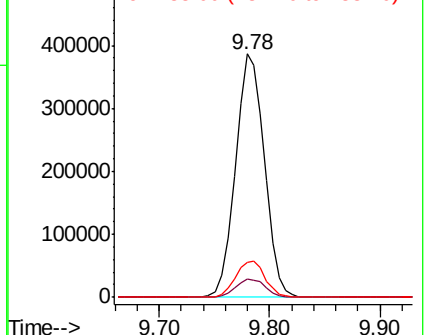
82 100

95 7.5 5.6 8.4

138 14.2 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: 48.809 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

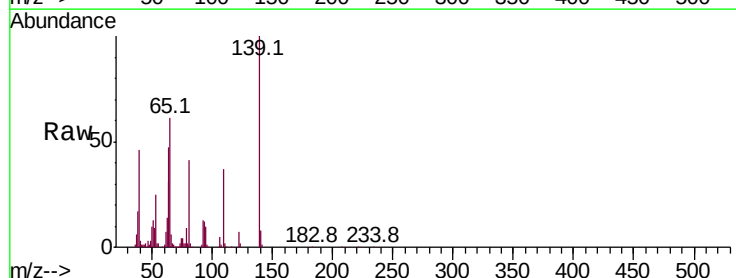
Tgt Ion:139 Resp: 148614

Ion Ratio Lower Upper

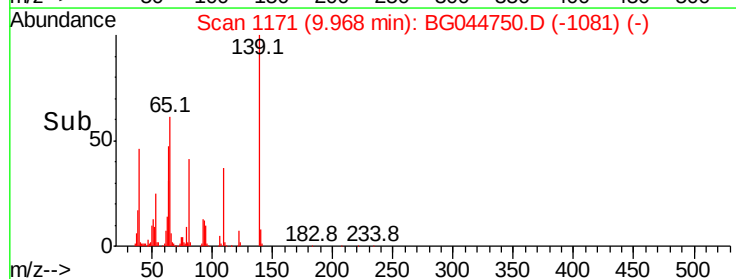
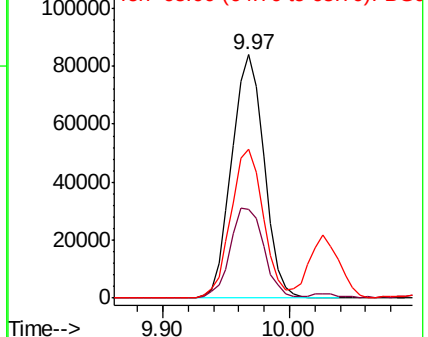
139 100

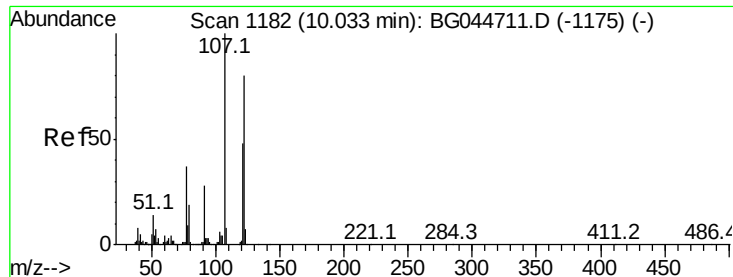
109 36.5 27.0 40.4

65 60.9 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: 52.805 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

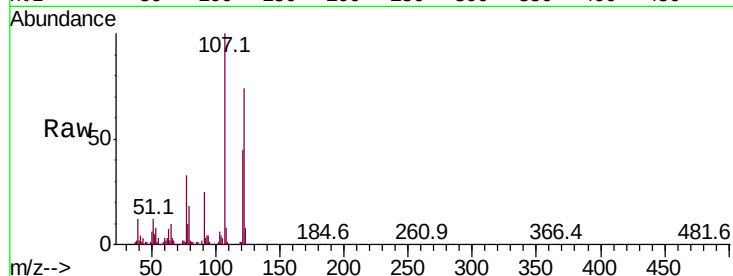
Tot Ion:122 Resp: 283074

Ion Ratio Lower Upper

122 100

107 134.4 99.0 148.6

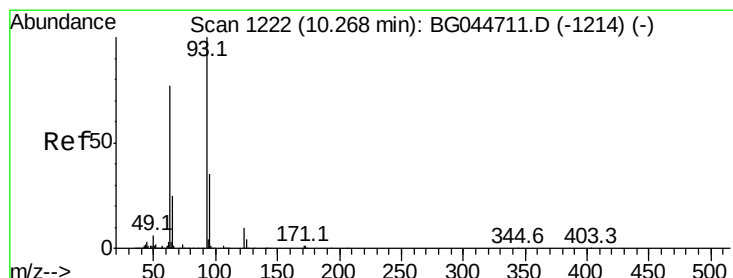
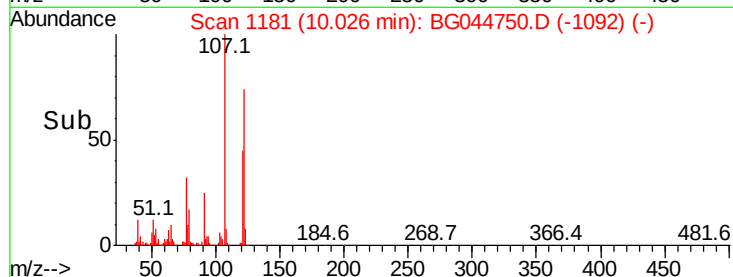
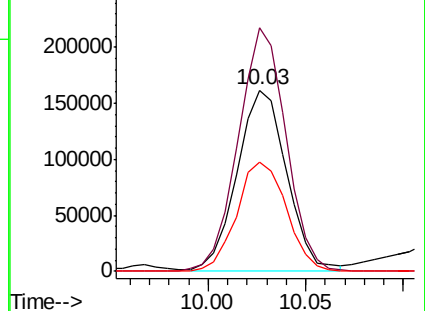
121 60.0 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.380 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

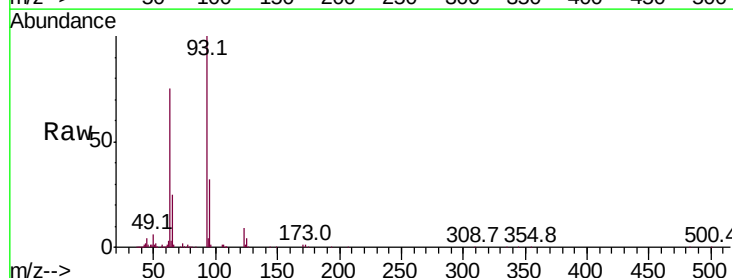
Tgt Ion: 93 Resp: 406509

Ion Ratio Lower Upper

93 100

95 31.6 27.7 41.5

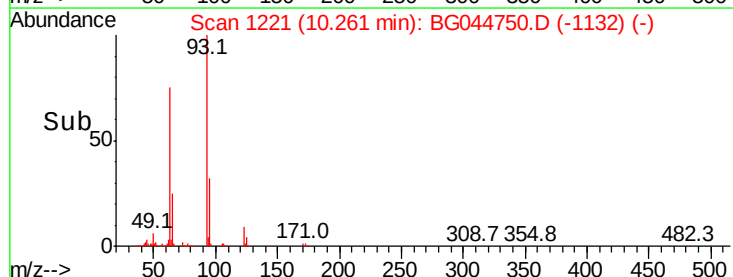
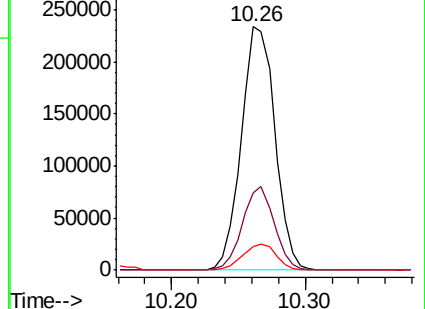
123 9.5 8.1 12.1

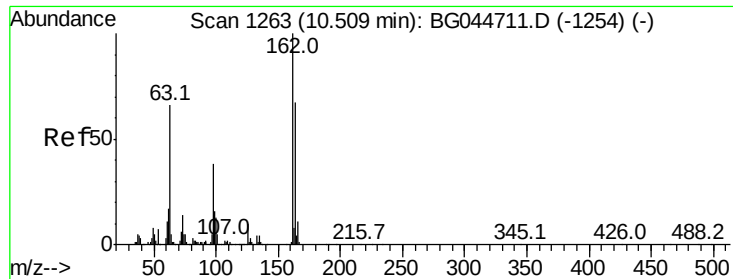


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.762 ng

RT: 10.51 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BG044750.D

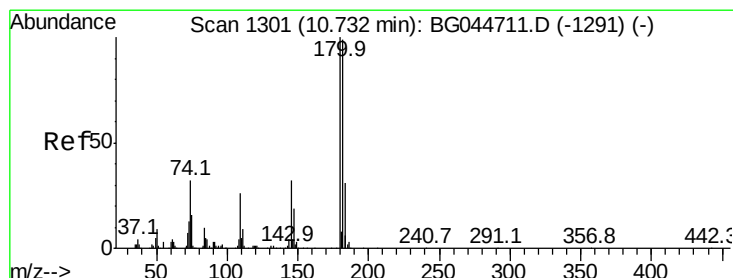
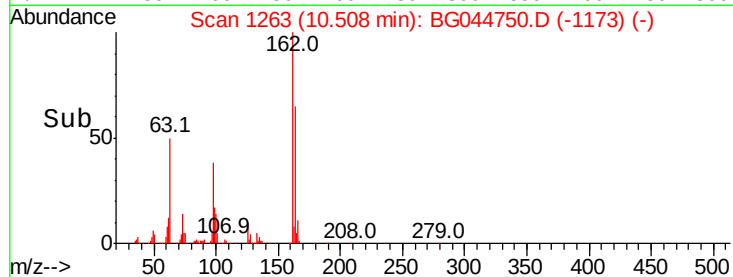
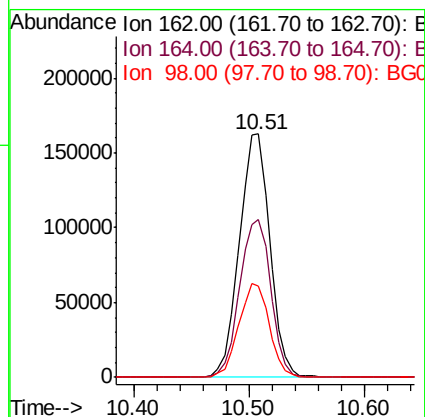
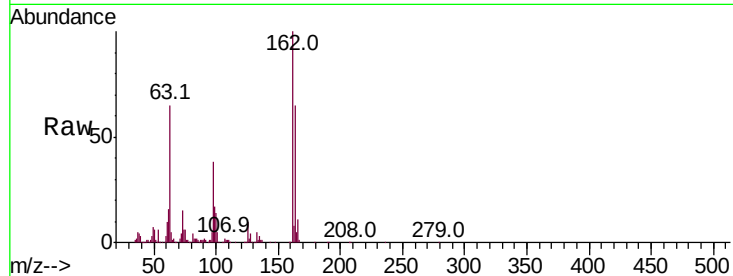
Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:162	Resp:	299053
Ion Ratio	Lower	Upper
162 100		
164 64.8	46.5	86.5
98 37.7	18.1	58.1



#30

1,2,4-Trichlorobenzene

Concen: 42.296 ng

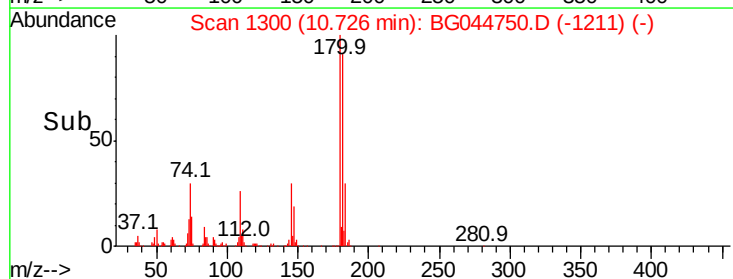
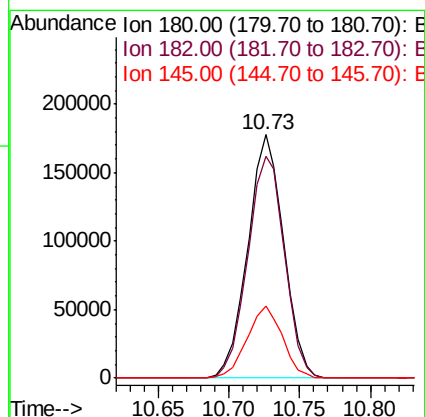
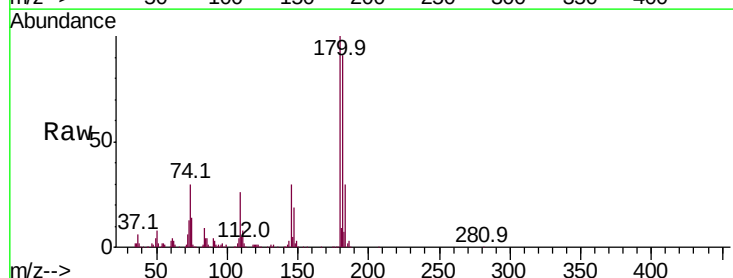
RT: 10.73 min Scan# 1300

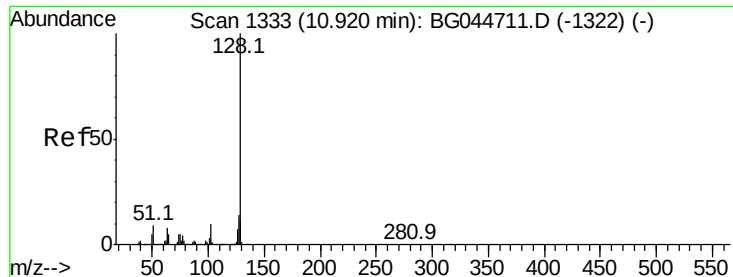
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:180	Resp:	316660
Ion Ratio	Lower	Upper
180 100		
182 91.3	78.8	118.2
145 29.7	25.4	38.0

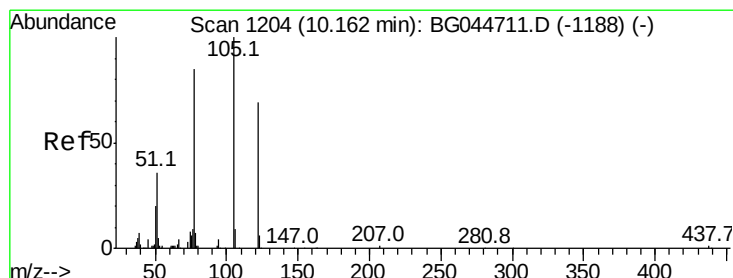
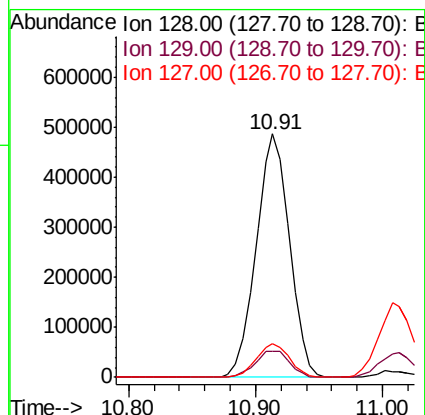
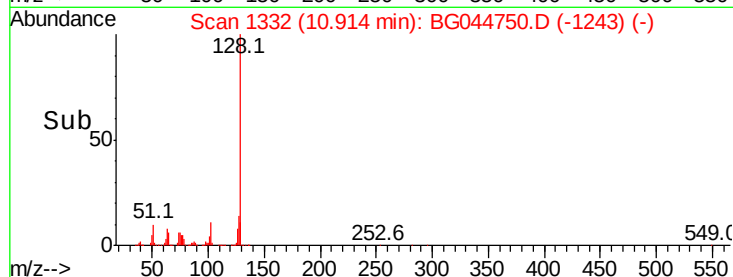
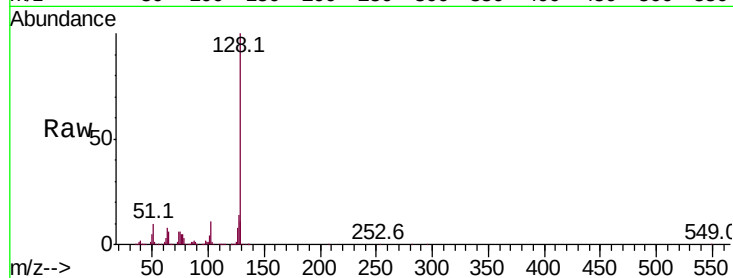




#31
Naphthalene
Concen: 43.319 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

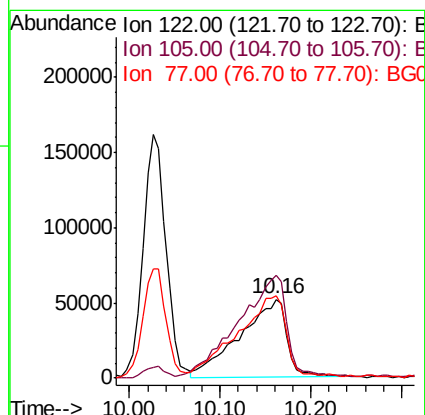
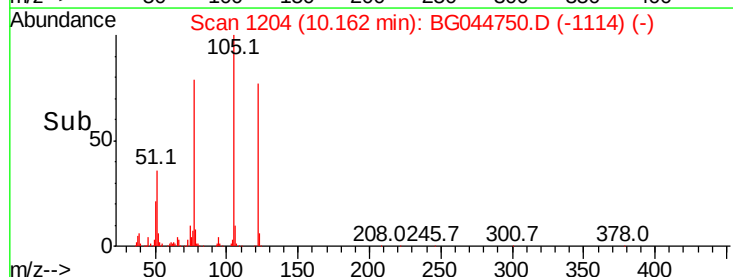
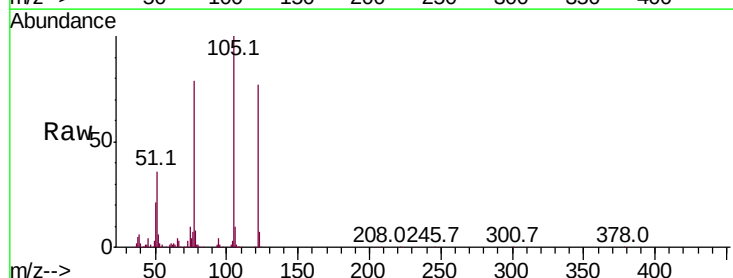
Instrument :
BNA_G
ClientSampleId :

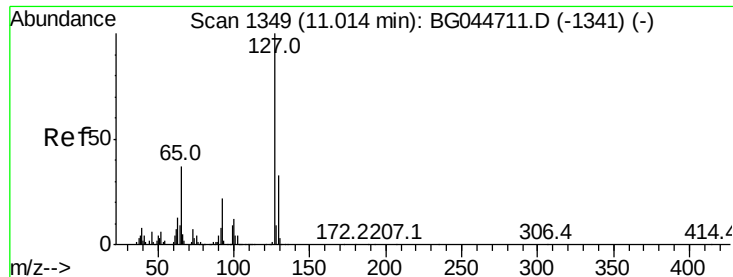
Tot Ion:128 Resp: 888149
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 14.0 11.0 16.6



#32
Benzoic acid
Concen: 44.555 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion:122 Resp: 182436
Ion Ratio Lower Upper
122 100
105 130.5 119.0 159.0
77 103.7 96.4 136.4

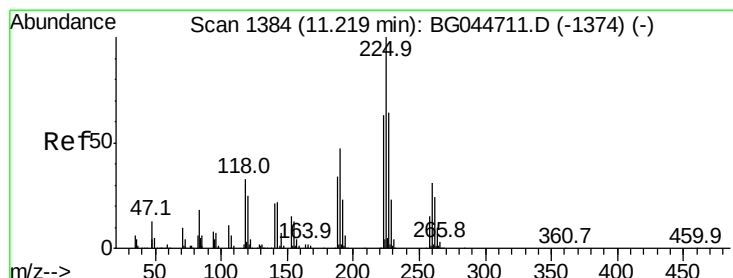
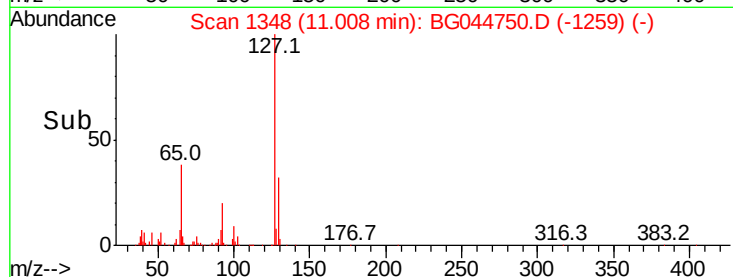
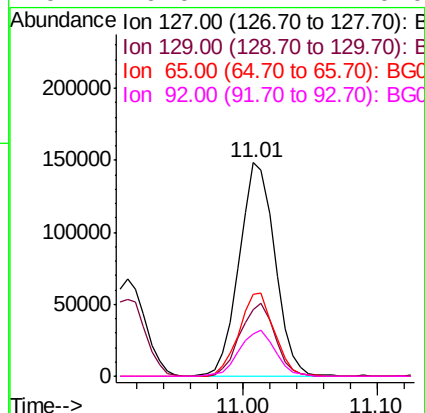
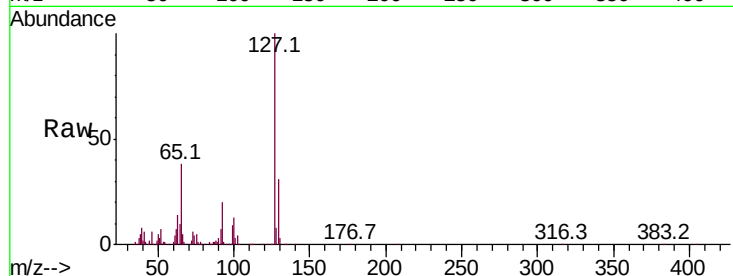




#33
4-Chloroaniline
Concen: 29.774 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

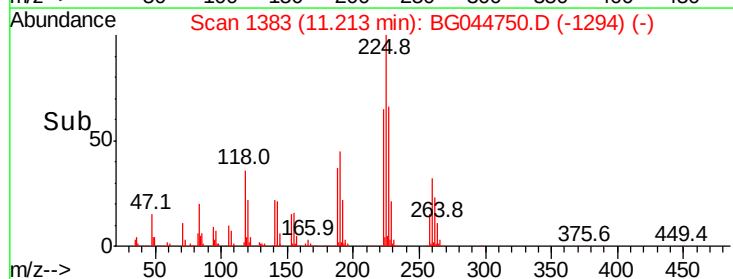
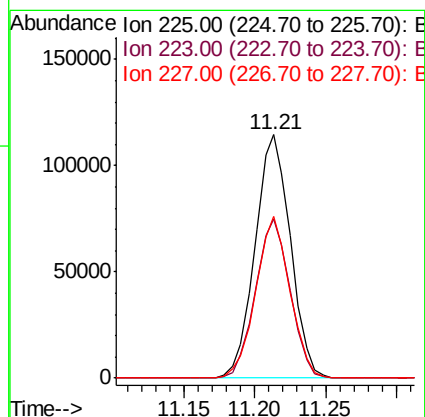
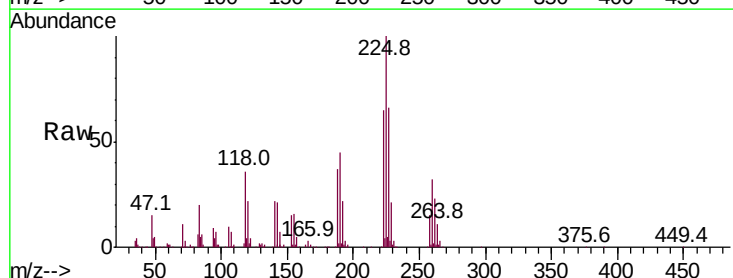
Instrument :
BNA_G
ClientSampleId :

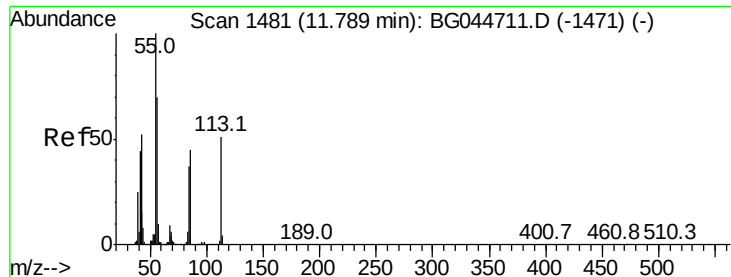
Tot Ion:127	Resp:	275021
Ion Ratio	Lower	Upper
127	100	
129	31.5	26.2 39.4
65	38.2	29.6 44.4
92	20.0	17.4 26.0



#34
Hexachlorobutadiene
Concen: 40.825 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion:225	Resp:	200999
Ion Ratio	Lower	Upper
225	100	
223	65.2	50.6 76.0
227	66.3	51.6 77.4

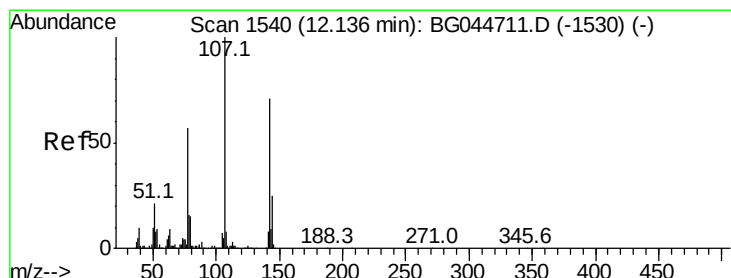
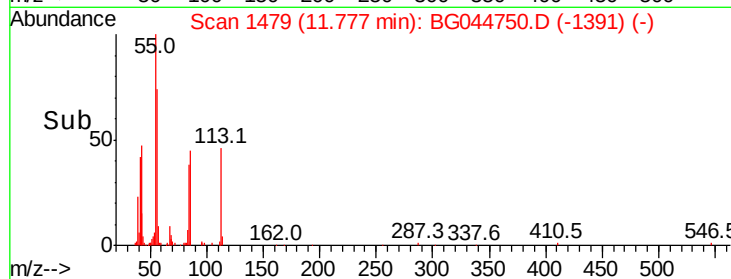
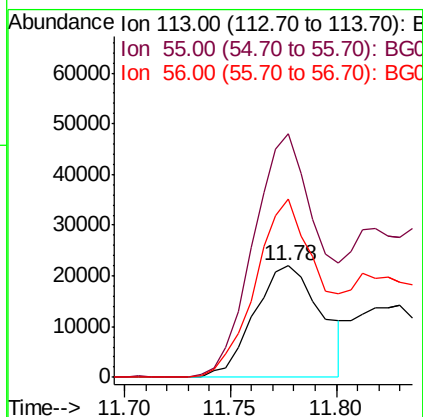
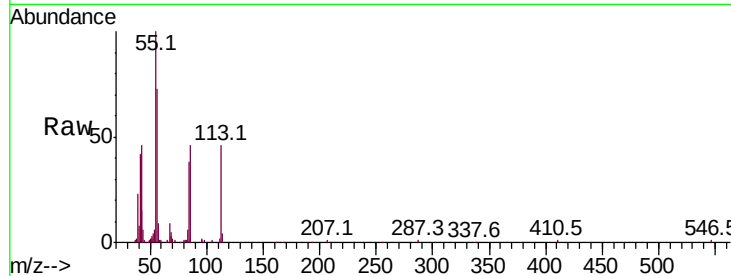




#35
 Caprolactam
 Concen: 20.362 ng
 RT: 11.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

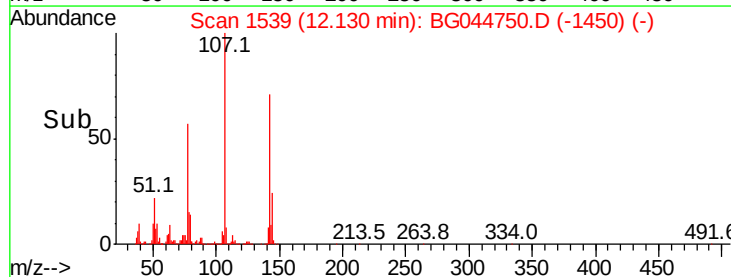
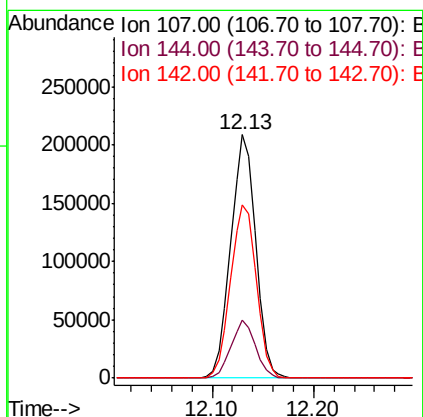
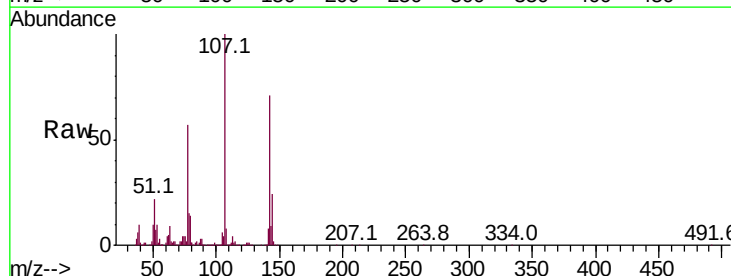
Instrument :
 BNA_G
 ClientSampleId :

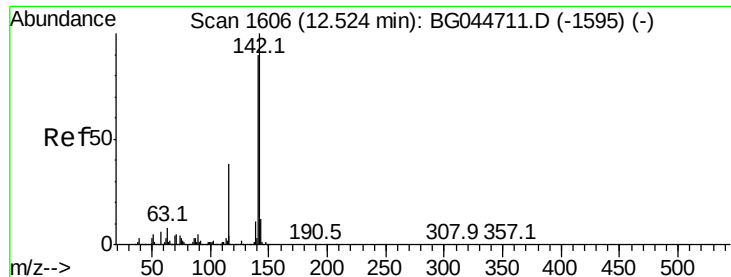
Tot Ion:113 Resp: 48271
 Ion Ratio Lower Upper
 113 100
 55 218.9 178.4 218.4#
 56 160.8 117.7 157.7#



#36
 4-Chloro-3-methylphenol
 Concen: 47.877 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion:107 Resp: 357526
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.6 29.4
 142 71.4 56.5 84.7

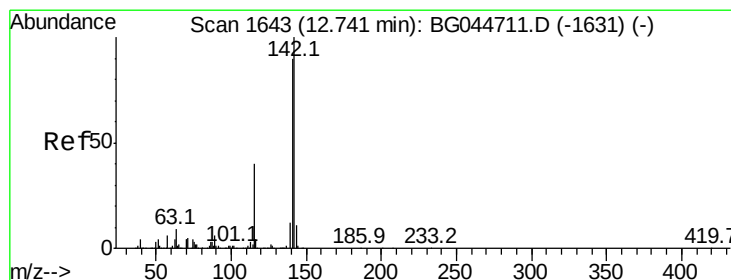
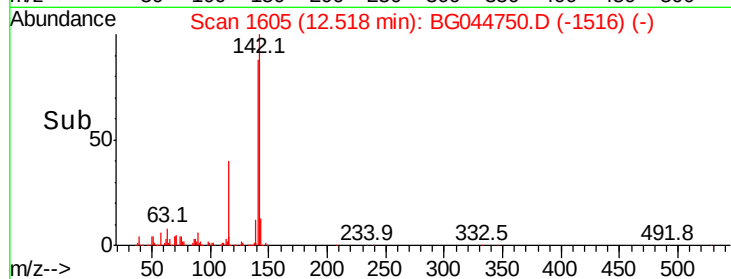
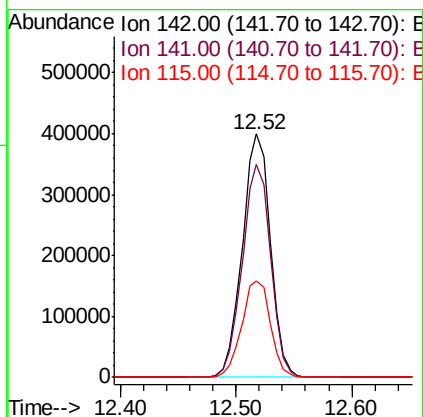
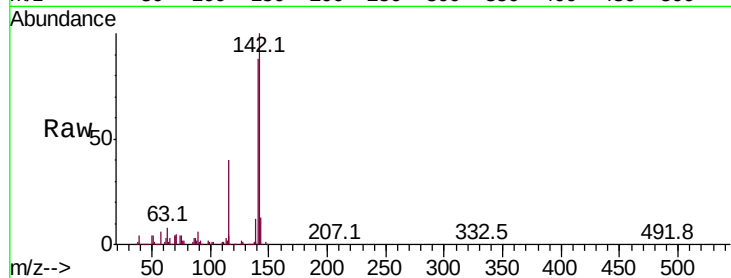




#37
2-Methylnaphthalene
Concen: 43.888 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

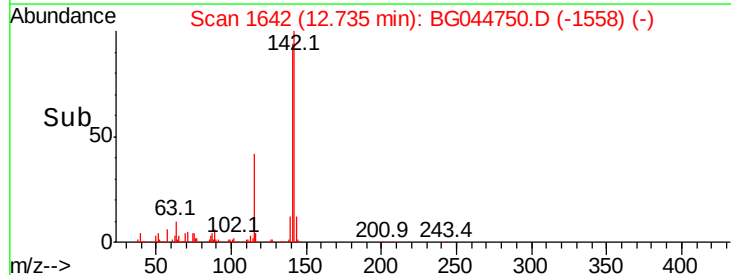
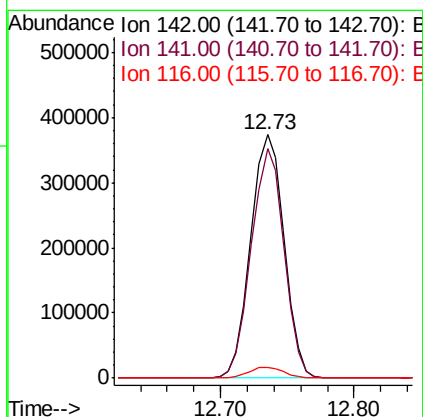
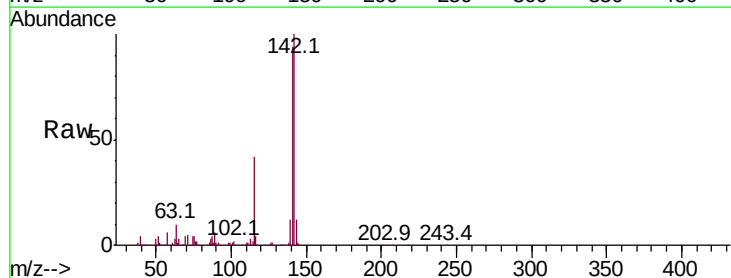
Instrument :
BNA_G
ClientSampleId :

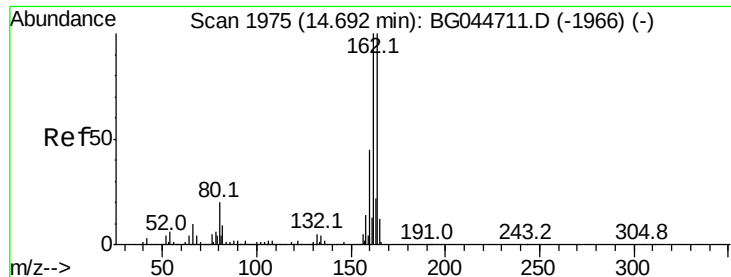
Tot Ion:142 Resp: 673092
Ion Ratio Lower Upper
142 100
141 87.6 72.3 108.5
115 39.6 30.6 45.8



#38
1-Methylnaphthalene
Concen: 44.657 ng
RT: 12.73 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion:142 Resp: 643885
Ion Ratio Lower Upper
142 100
141 94.2 72.2 108.2
116 4.5 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

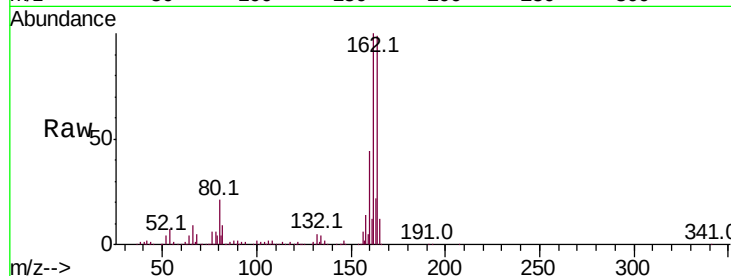
Tot Ion:164 Resp: 258699

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.4

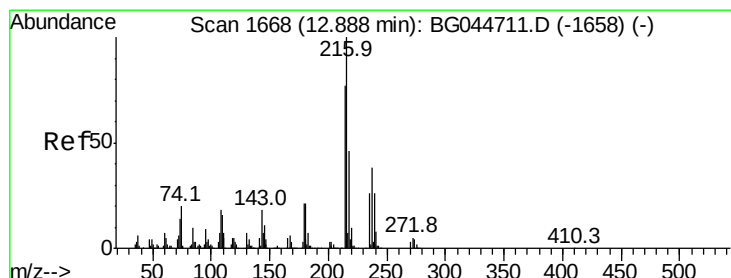
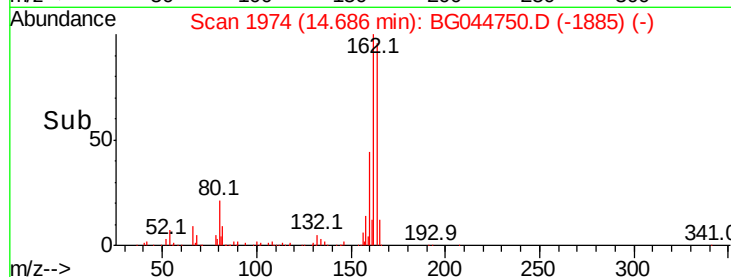
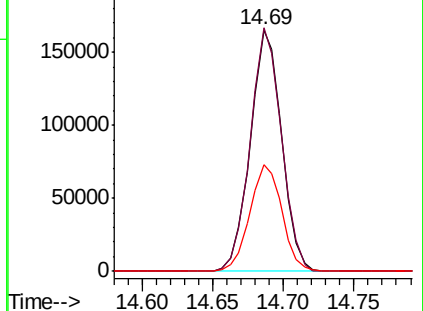
160 44.1 36.2 54.2



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: 40.140 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:216 Resp: 341982

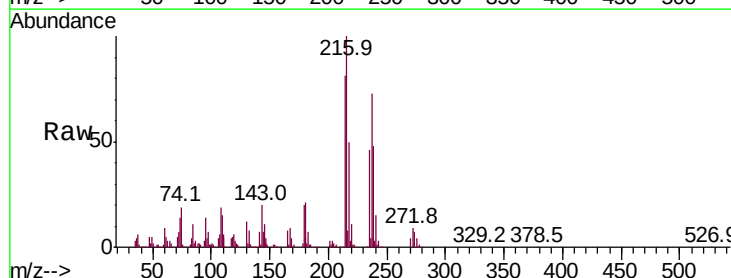
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 20.7 16.6 24.8

108 22.3 15.6 23.4

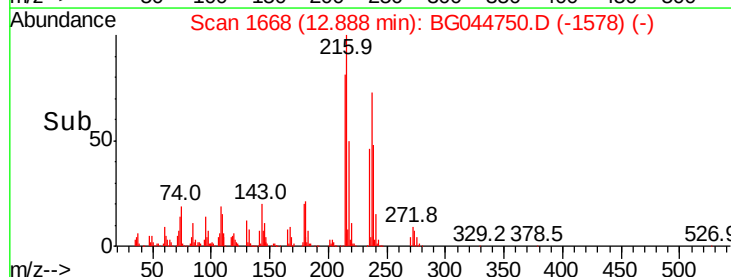
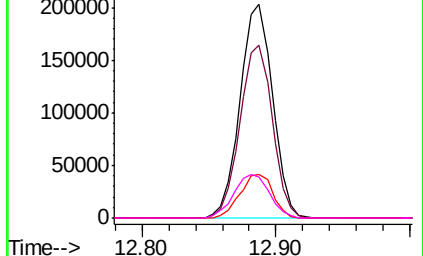


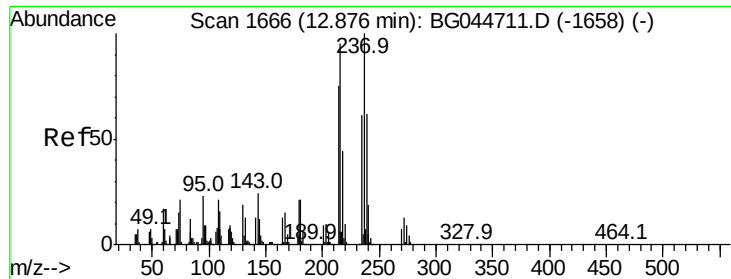
Abundance Ion 216.00 (215.70 to 216.70): E

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

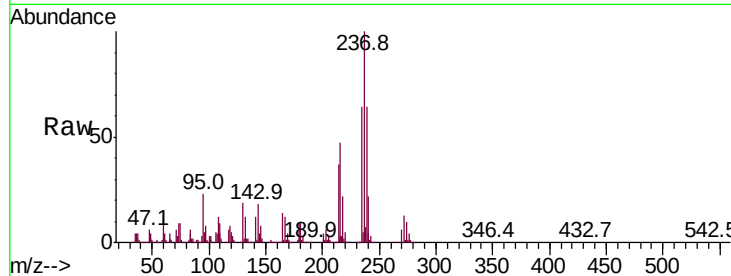




#41
Hexachlorocyclopentadiene
Concen: 104.225 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	40.6	80.6
272	13.2	0.0	32.5

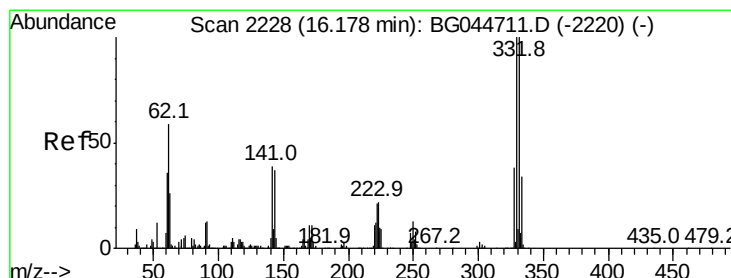
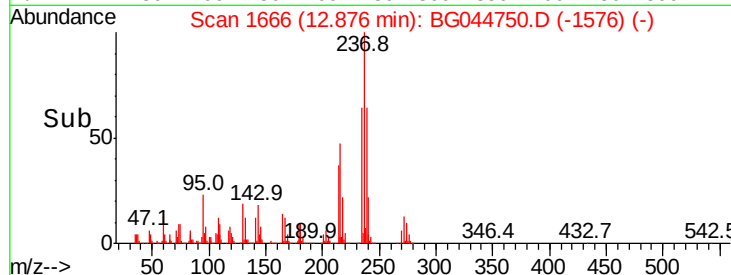
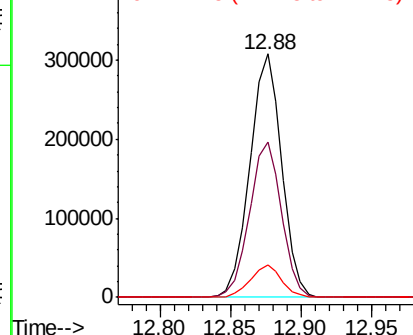


Abundance

Ion 236.80 (236.50 to 237.50): E

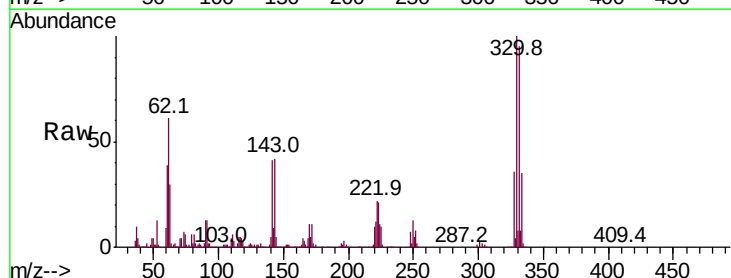
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 127.181 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.5	116.3
141	40.2	31.7	47.5

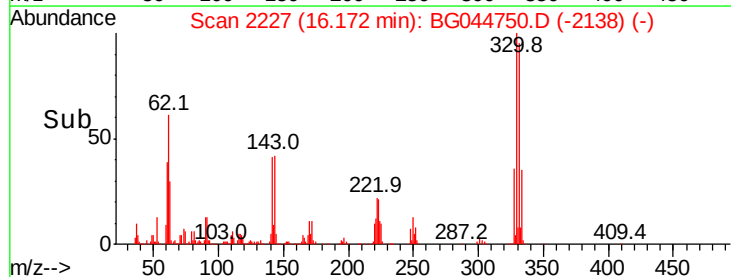
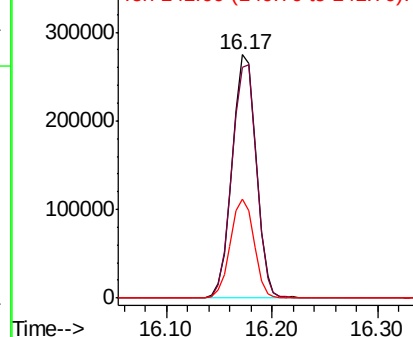


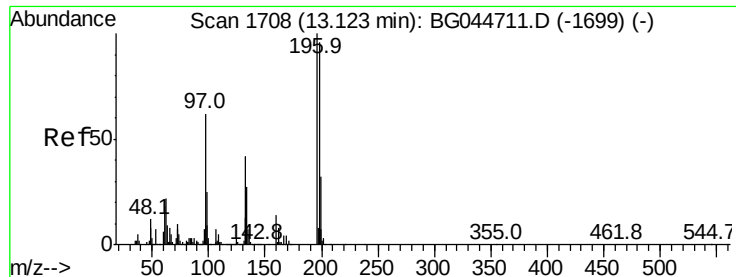
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

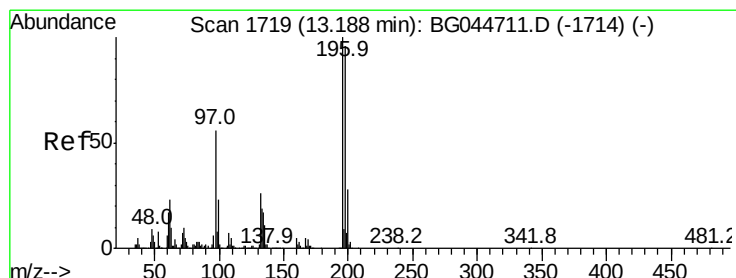
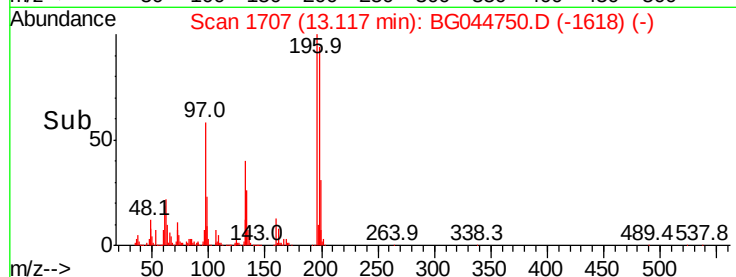
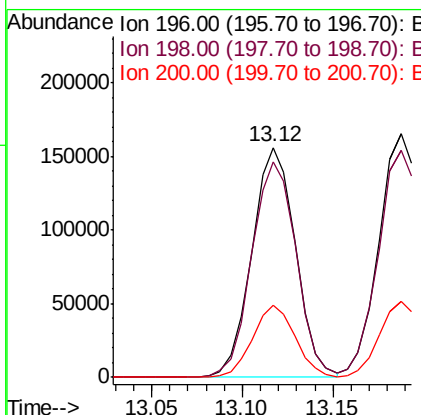
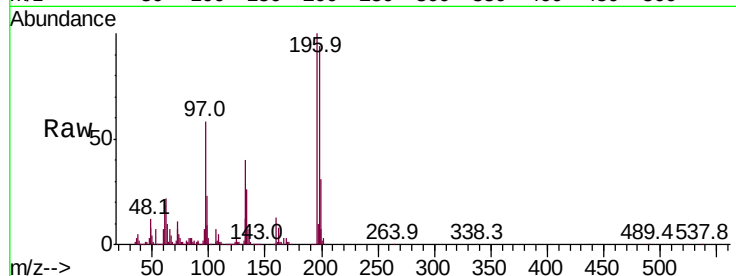




#43
 2,4,6-Trichlorophenol
 Concen: 45.964 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

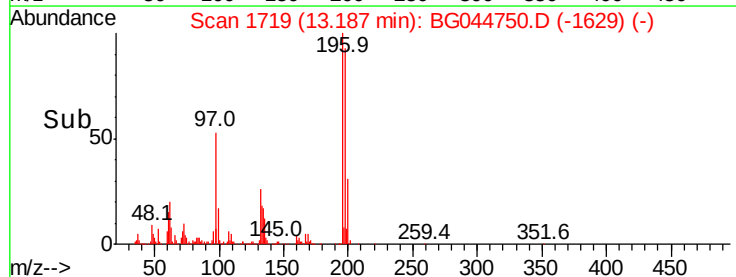
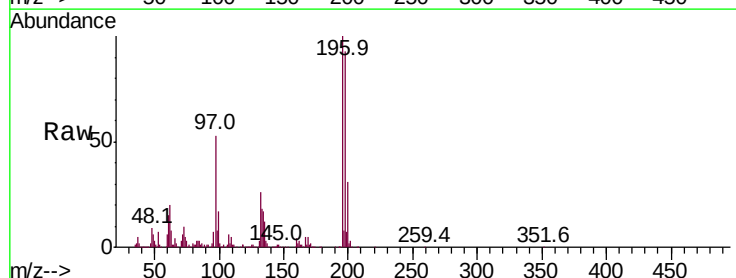
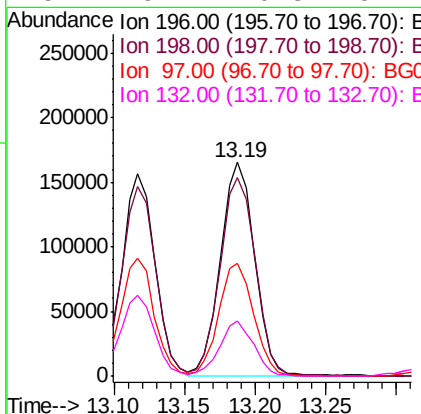
Instrument :
 BNA_G
 ClientSampled :

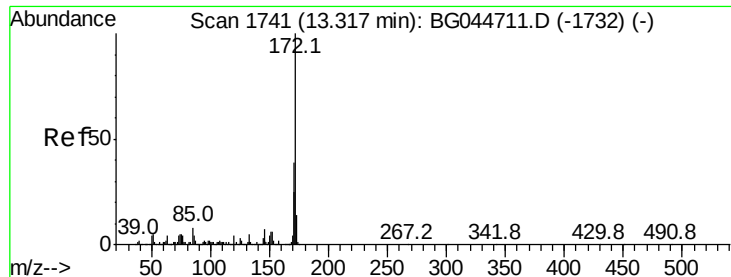
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.5	114.7
200	31.2	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 47.491 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	77.3	115.9
97	52.7	44.9	67.3
132	25.7	20.8	31.2





#45

2-Fluorobiphenyl

Concen: 81.403 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

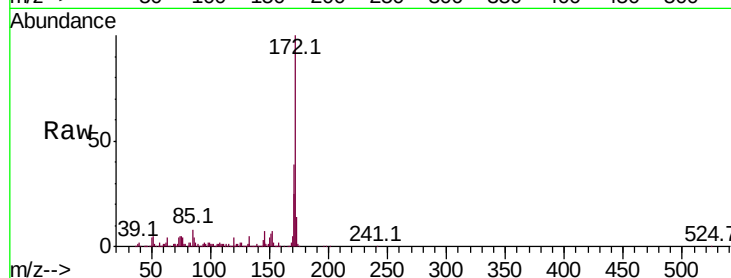
Instrument :

BNA_G

ClientSampled :

Tot Ion:172 Resp: 1470553

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.8	46.2
170	25.3	20.0	30.0

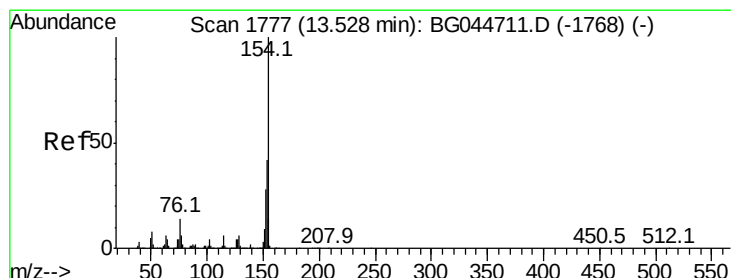
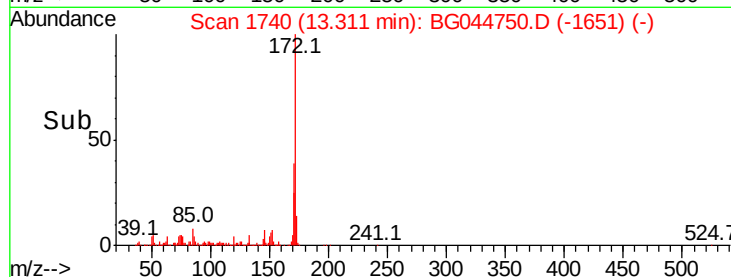
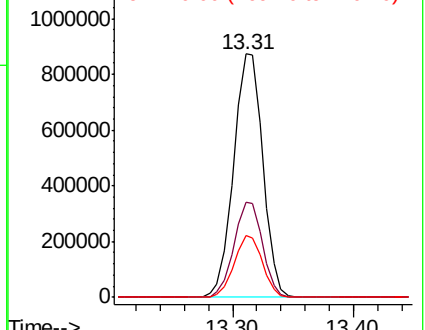


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.036 ng

RT: 13.52 min Scan# 1776

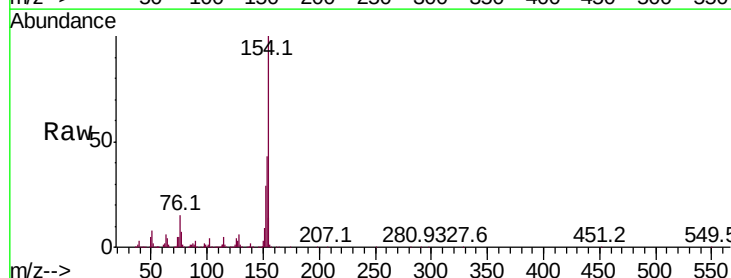
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:154 Resp: 848346

Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	14.7	0.0	34.2

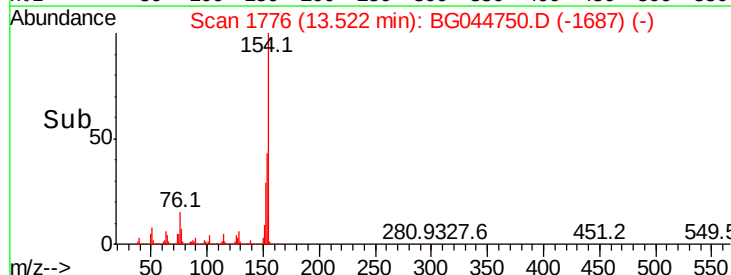
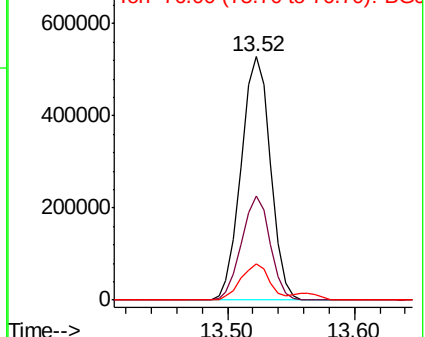


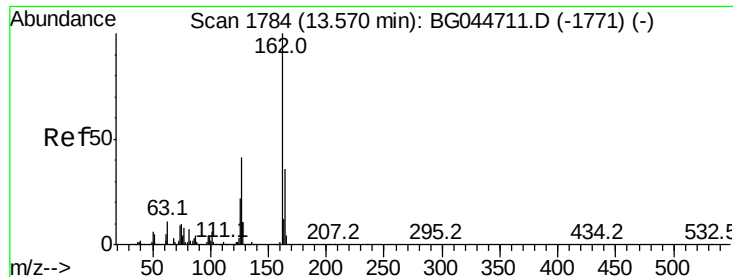
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

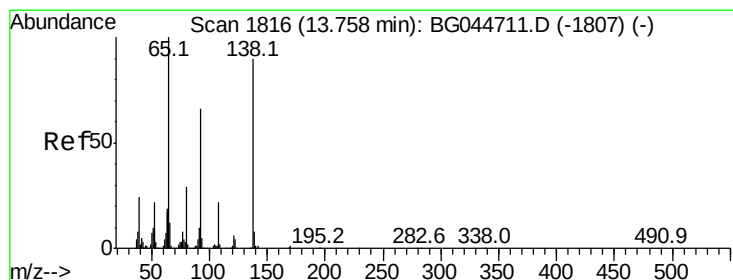
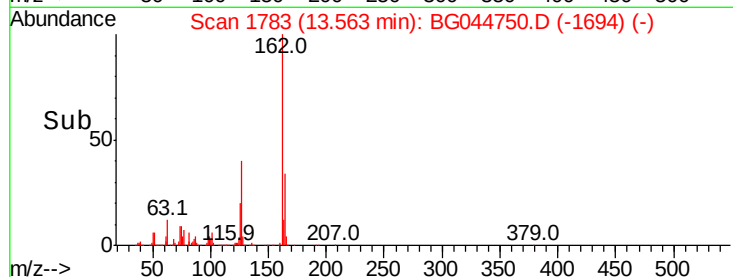
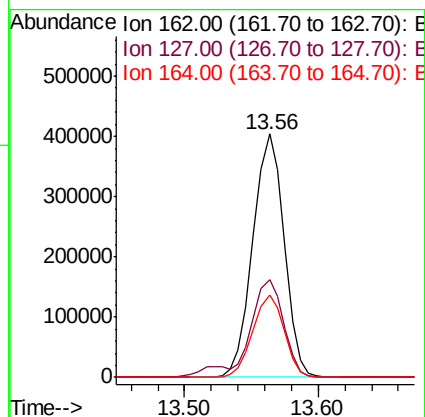
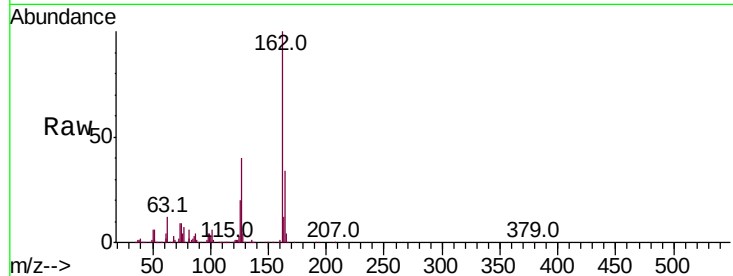




#47
 2-Chloronaphthalene
 Concen: 41.329 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

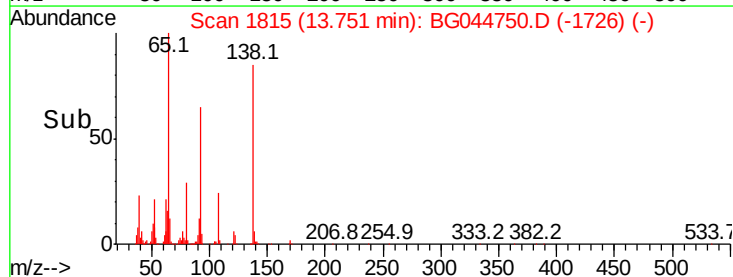
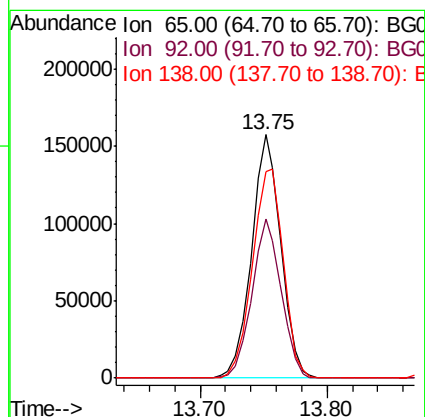
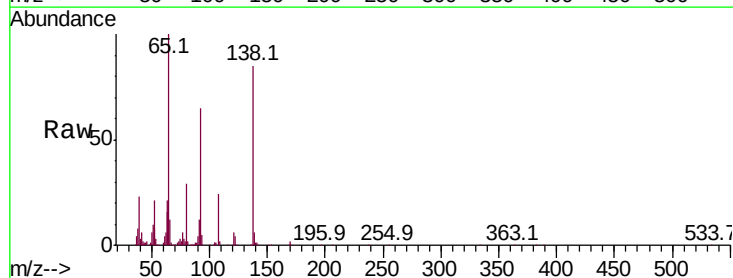
Instrument :
 BNA_G
 ClientSampled :

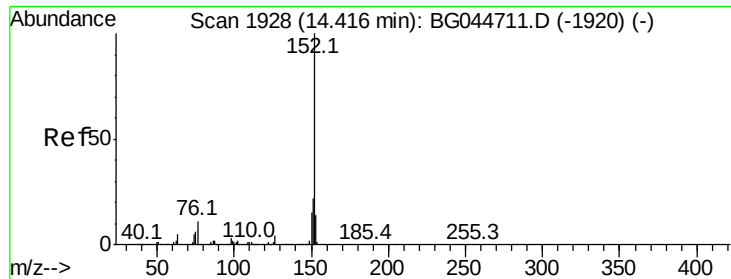
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	48.8
164	34.0	29.0	43.4



#48
 2-Nitroaniline
 Concen: 45.743 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.6	79.0
138	84.8	71.8	107.6





#49

Acenaphthylene

Concen: 43.711 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

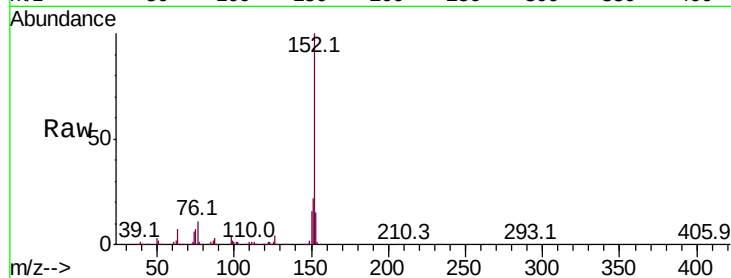
Tot Ion:152 Resp: 1081463

Ion Ratio Lower Upper

152 100

151 21.7 17.8 26.8

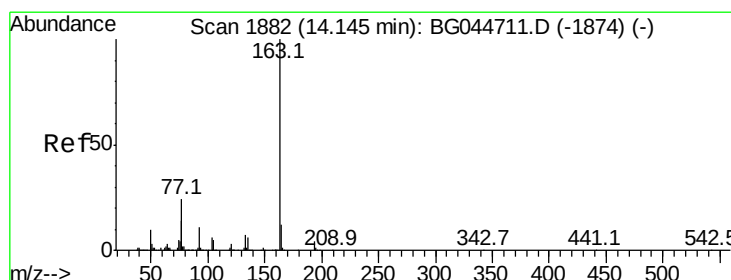
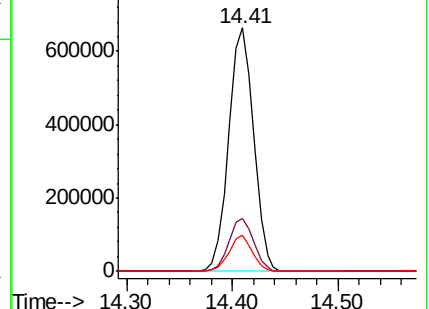
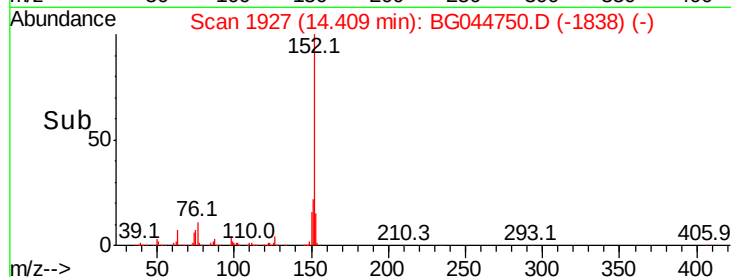
153 14.8 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.568 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

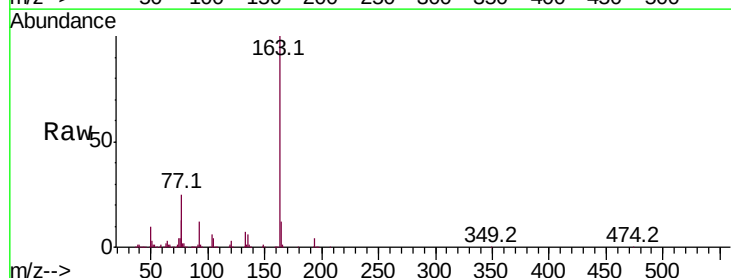
Tgt Ion:163 Resp: 877079

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

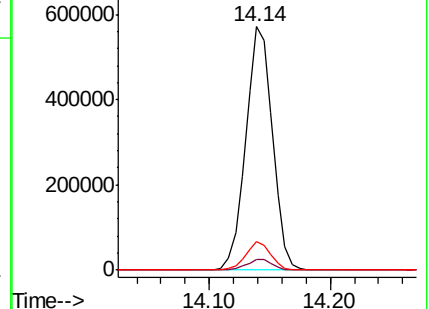
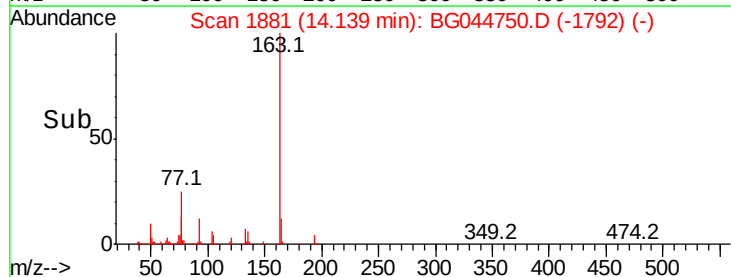
164 11.8 9.2 13.8

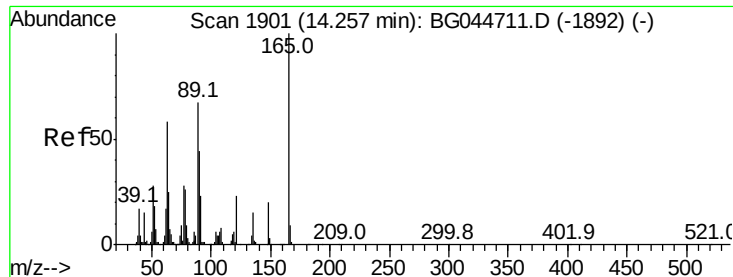


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.027 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

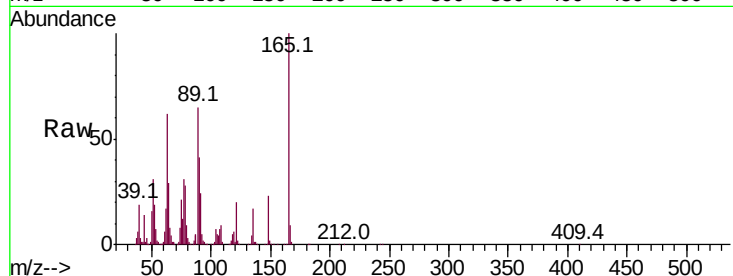
Tot Ion:165 Resp: 195309

Ion Ratio Lower Upper

165 100

63 62.2 48.9 73.3

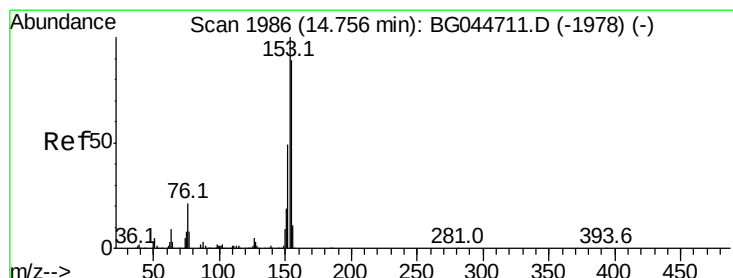
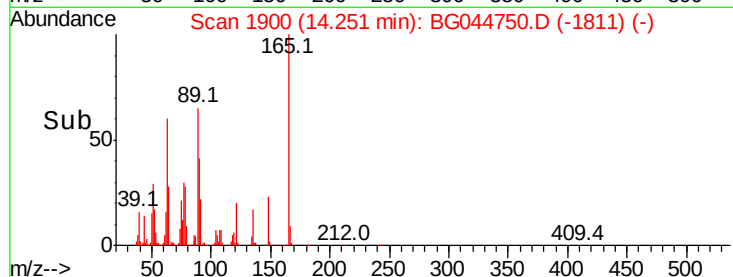
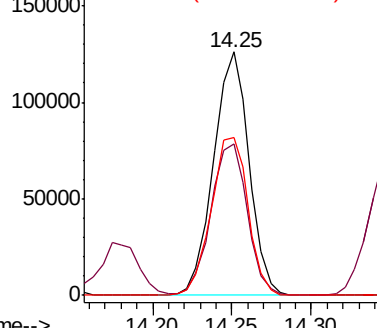
89 64.8 53.8 80.8



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



#52

Acenaphthene

Concen: 48.193 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

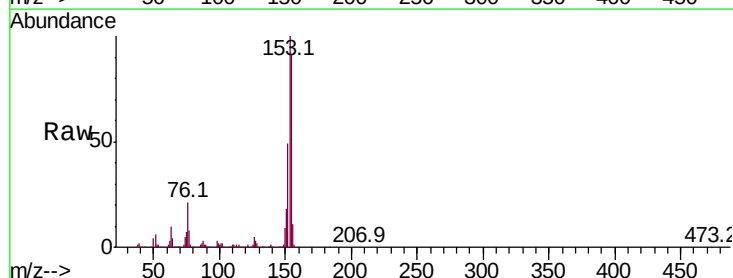
Tgt Ion:154 Resp: 780884

Ion Ratio Lower Upper

154 100

153 109.8 89.8 134.8

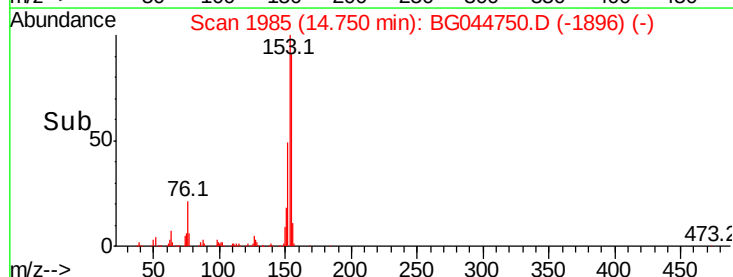
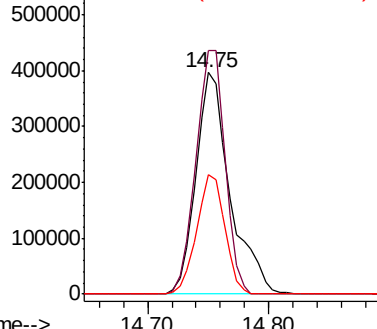
152 54.2 44.4 66.6

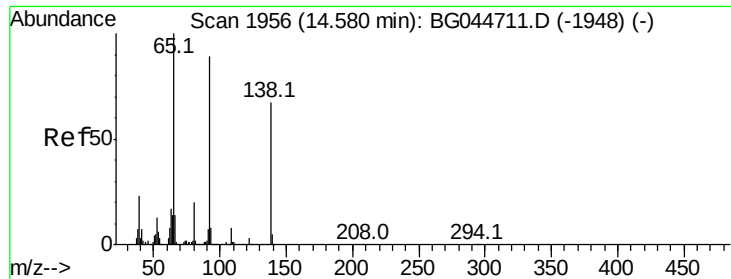


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.036 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

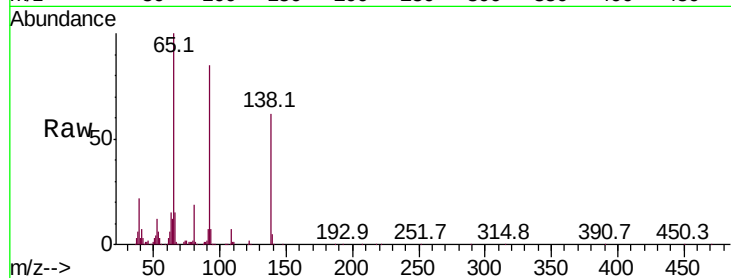
Tot Ion:138 Resp: 157745

Ion Ratio Lower Upper

138 100

108 11.8 9.2 13.8

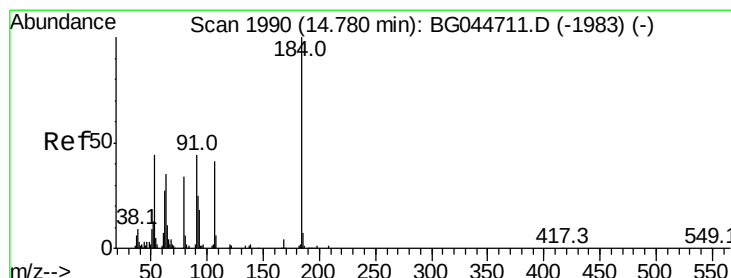
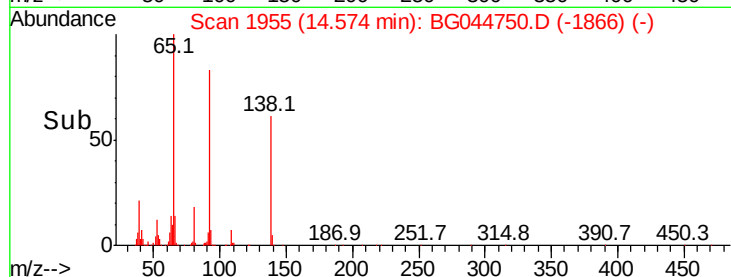
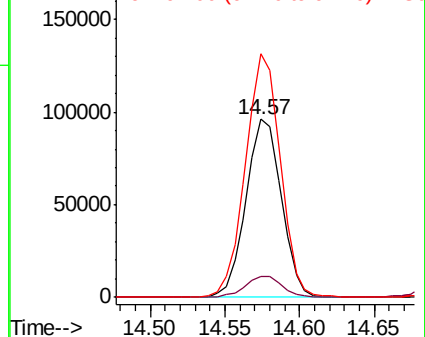
92 136.9 105.6 158.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 92.554 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

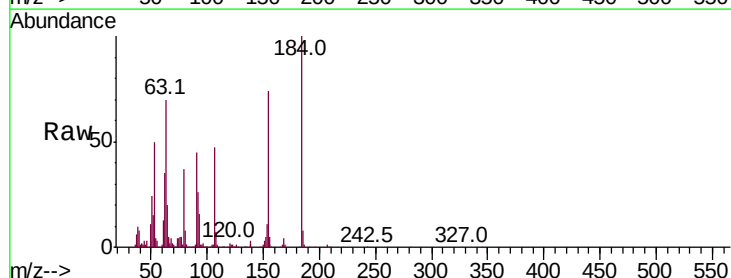
Tgt Ion:184 Resp: 204029

Ion Ratio Lower Upper

184 100

63 70.0 49.0 73.6

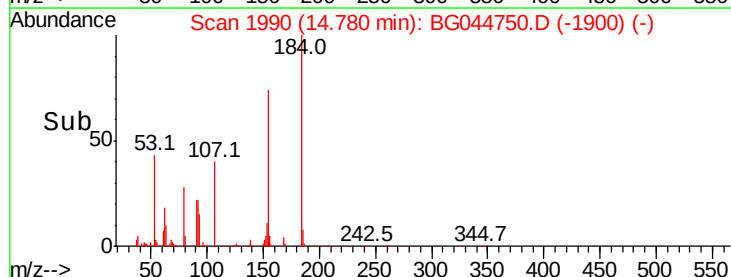
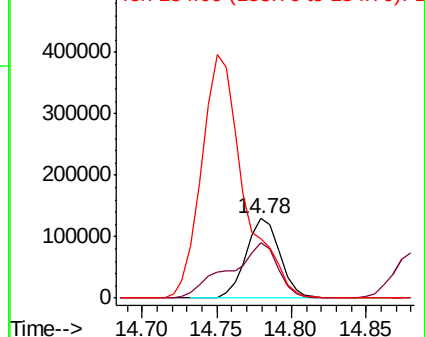
154 73.8 94.5 141.7#

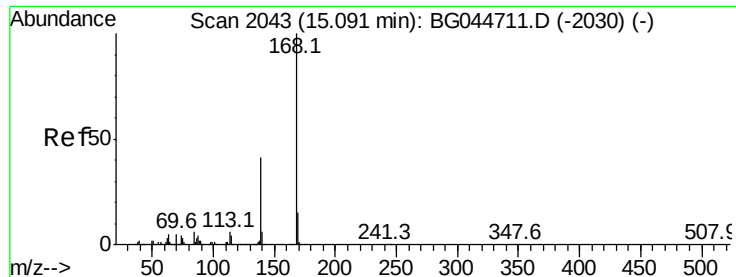


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.825 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampled :

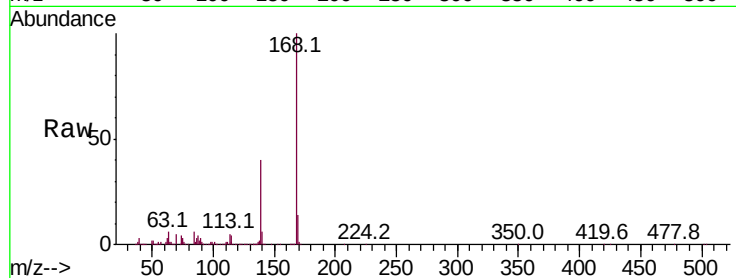
Tot Ion:168 Resp: 1029754

Ion Ratio Lower Upper

168 100

139 40.5 32.6 49.0

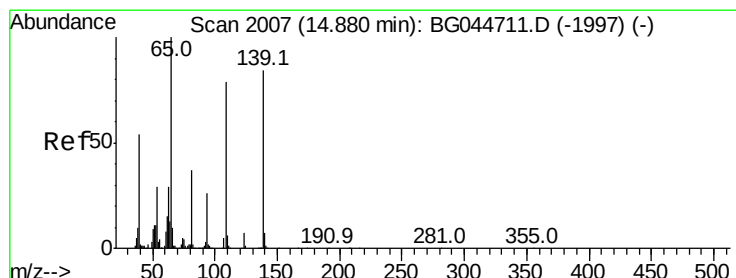
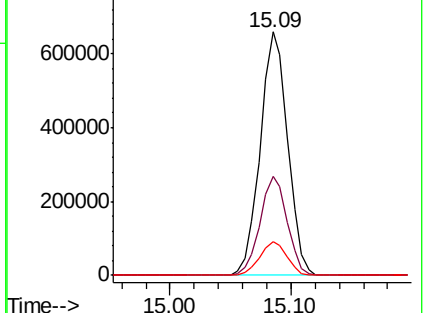
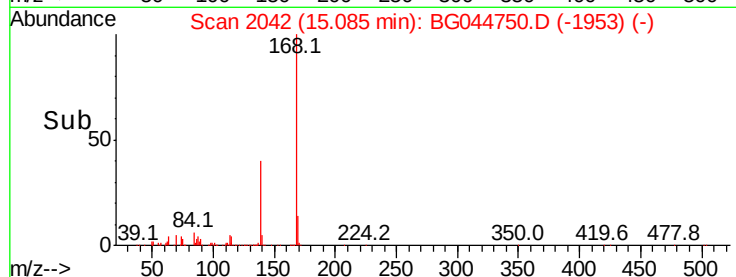
169 13.8 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 95.775 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

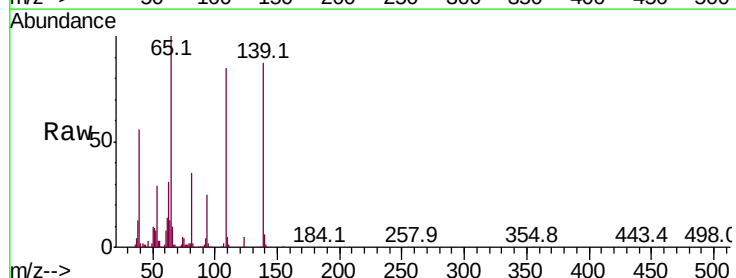
Tgt Ion:139 Resp: 349016

Ion Ratio Lower Upper

139 100

109 98.0 74.1 114.1

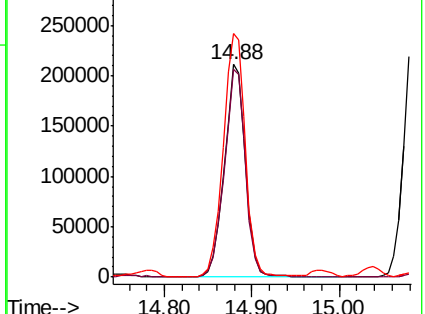
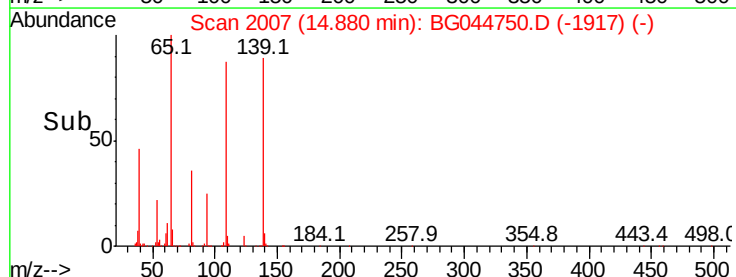
65 114.7 98.6 138.6

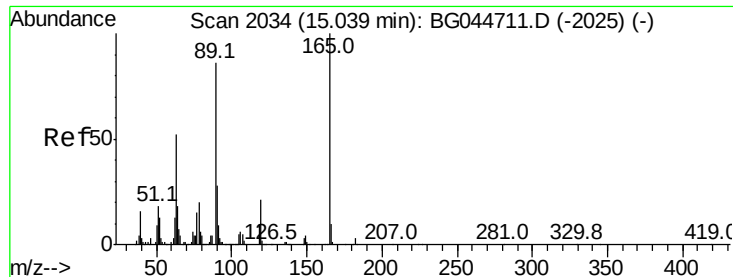


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 46.731 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 266179

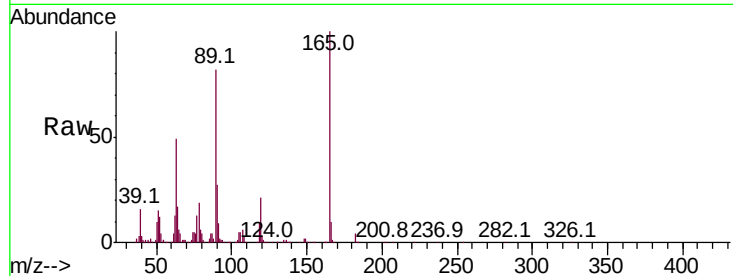
Ion Ratio Lower Upper

165 100

63 49.3 41.5 62.3

89 82.0 69.0 103.4

182 3.6 2.7 4.1

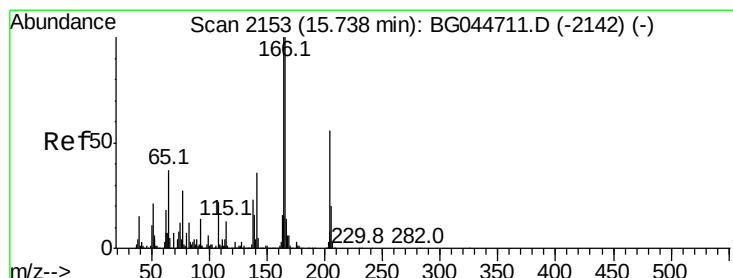
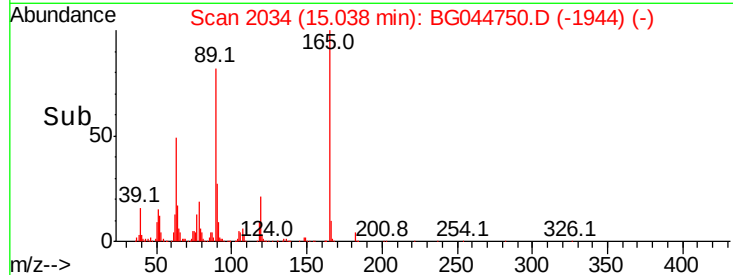
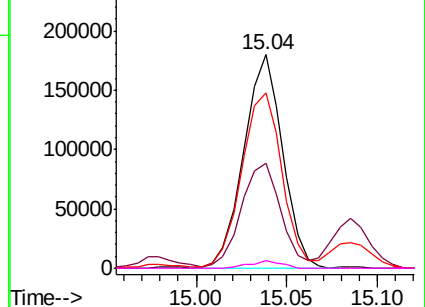


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.805 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

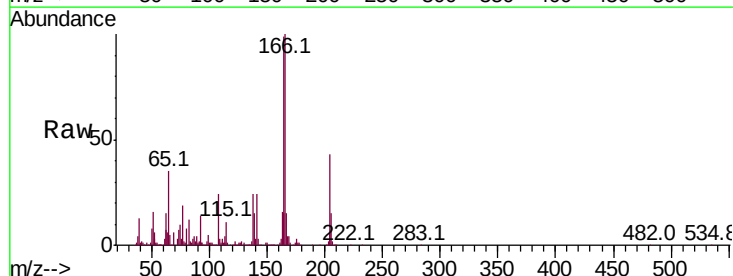
Tgt Ion:166 Resp: 846700

Ion Ratio Lower Upper

166 100

165 99.2 79.6 119.4

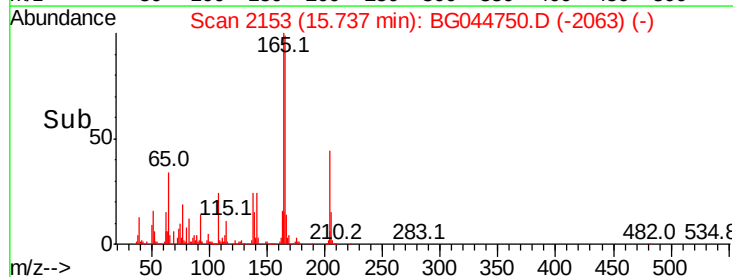
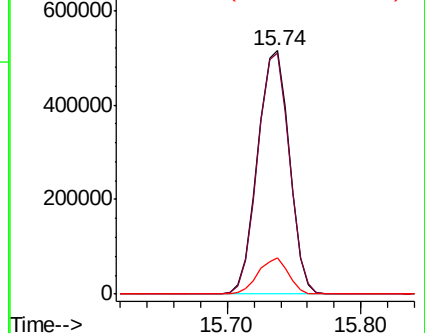
167 14.7 11.4 17.2

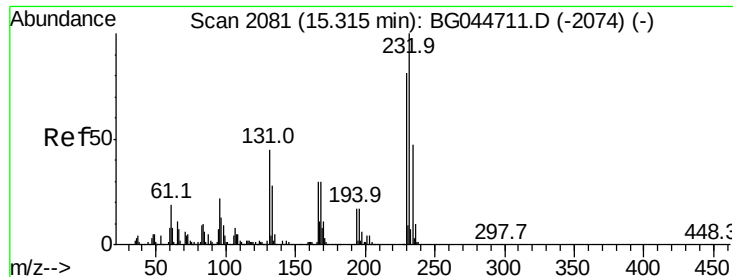


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.060 ng

RT: 15.23 min Scan# 2066

Delta R.T. -0.09 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 254052

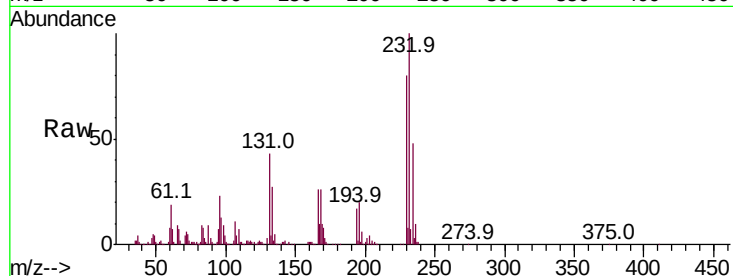
Ion Ratio Lower Upper

232 100

131 41.5 32.4 48.6

130 2.8 2.0 3.0

166 25.3 20.5 30.7

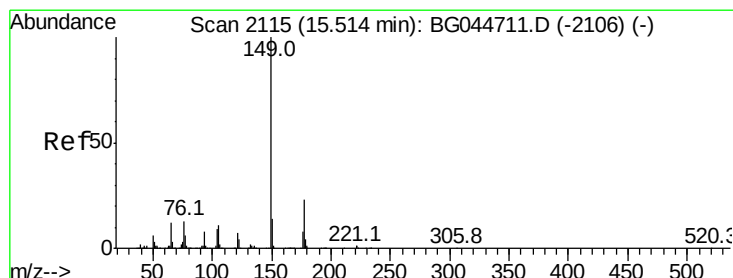
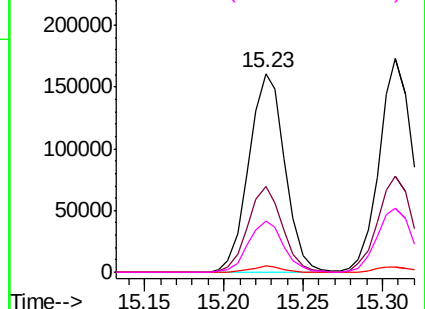
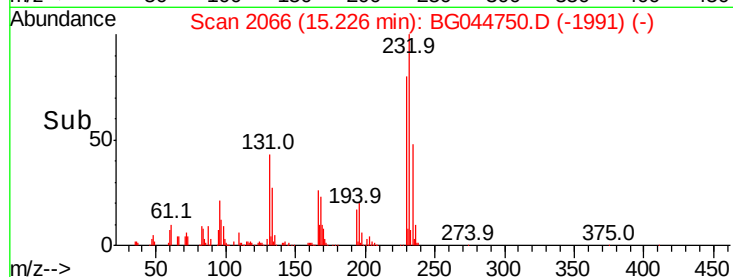


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.915 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

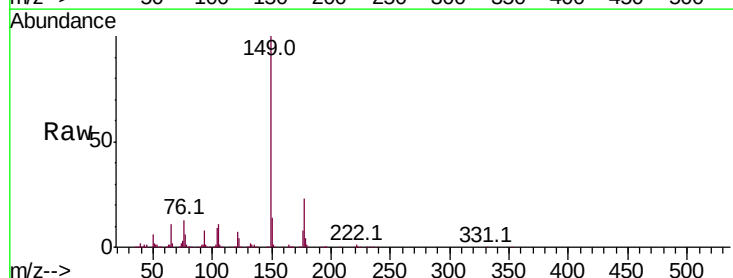
Tgt Ion:149 Resp: 922248

Ion Ratio Lower Upper

149 100

177 23.5 18.8 28.2

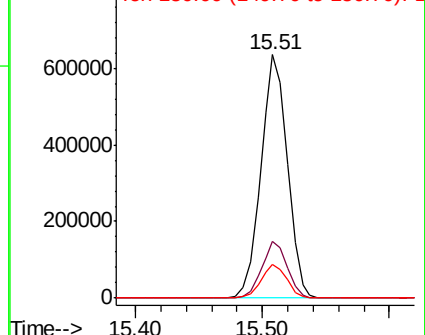
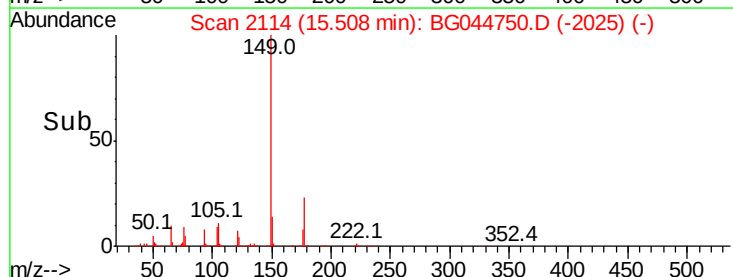
150 13.9 11.2 16.8

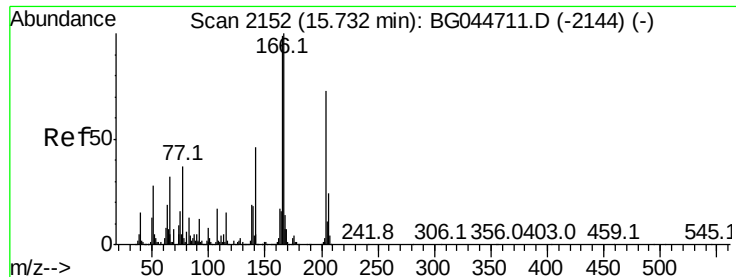


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

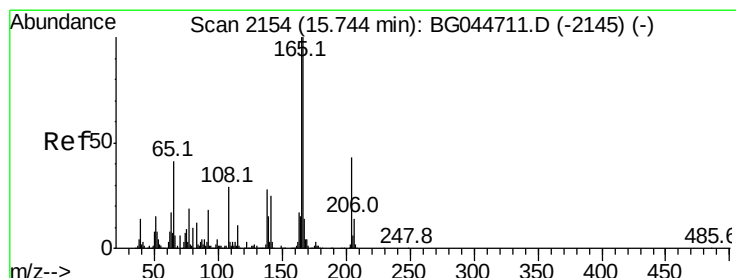
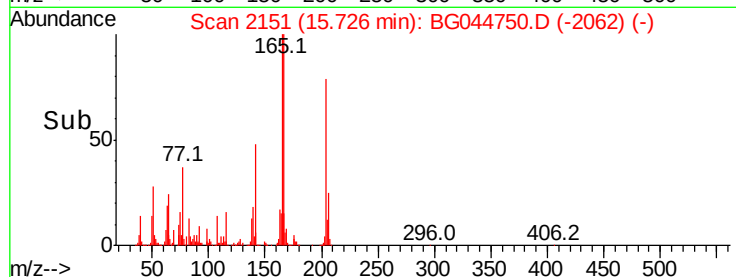
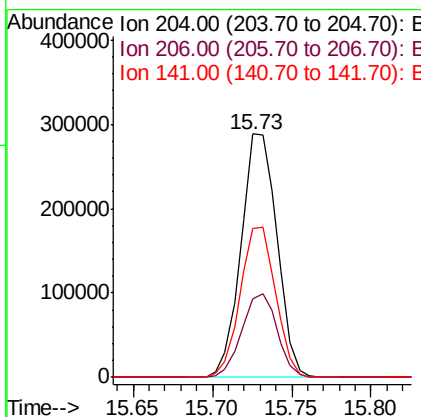
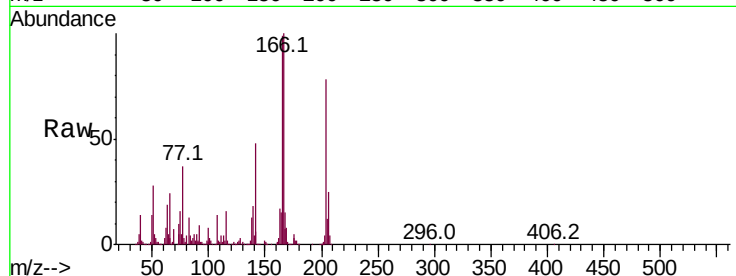




#61
4-Chlorophenyl-phenylether
Concen: 43.647 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

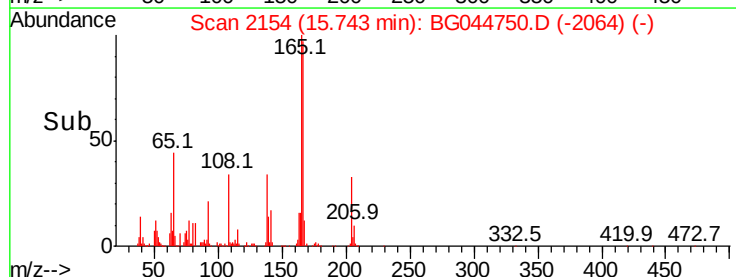
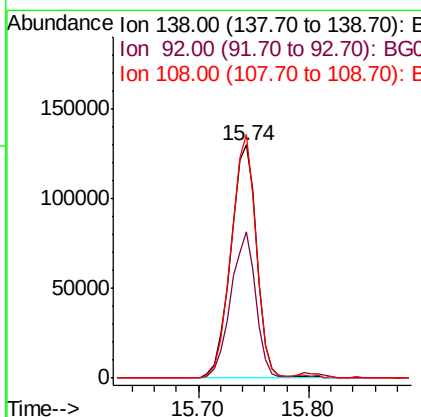
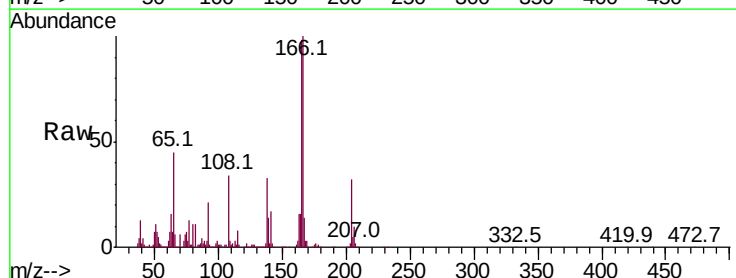
Instrument :
BNA_G
ClientSampleId :

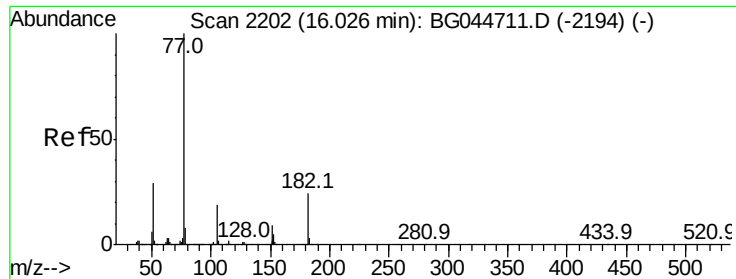
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	61.4	50.8	76.2



#62
4-Nitroaniline
Concen: 42.210 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.7	42.1	82.1
108	104.4	81.2	121.2

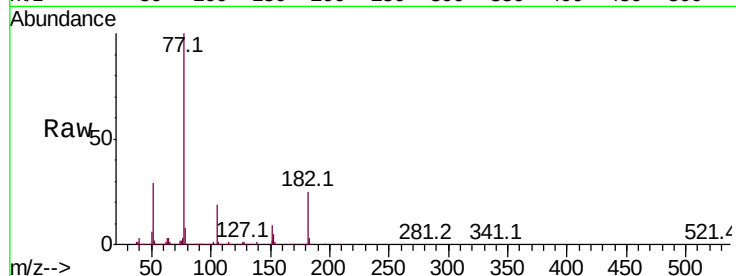




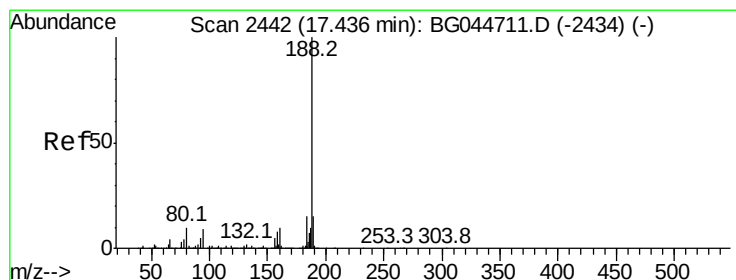
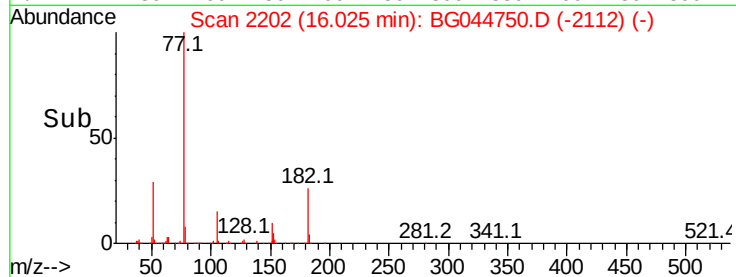
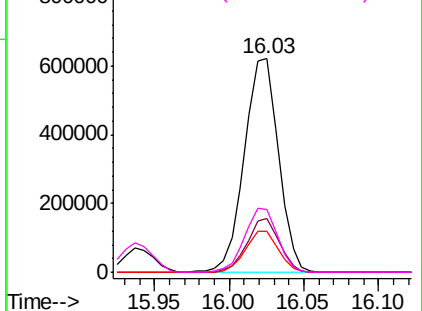
#63
Azobenzene
Concen: 43.822 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	977959
Ion	Ratio	Lower	Upper
77	100		
182	25.4	3.6	43.6
105	19.1	0.0	39.3
51	29.2	8.7	48.7

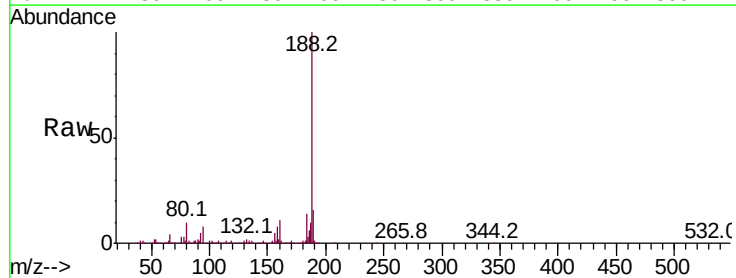


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

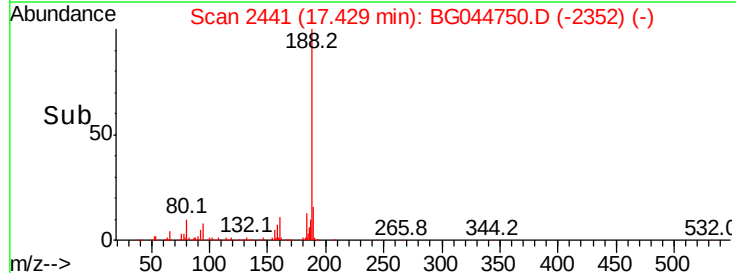
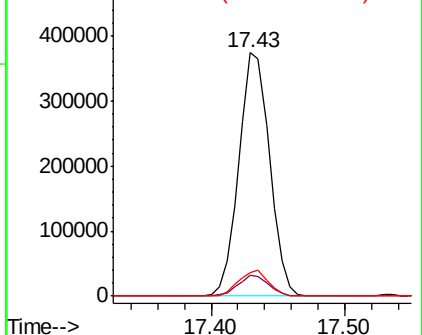


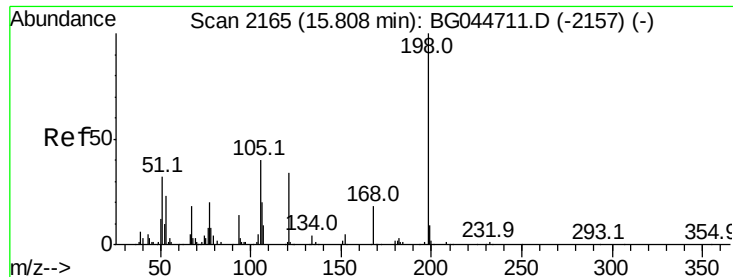
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion:	188	Resp:	594540
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.8	8.4	12.6



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.113 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

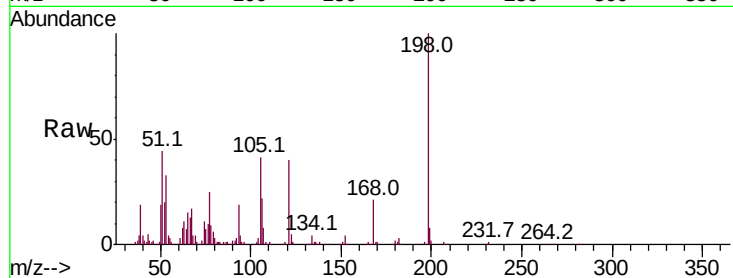
Tot Ion:198 Resp: 148010

Ion	Ratio	Lower	Upper
198	100		
51	43.6	20.1	60.1
105	40.8	21.3	61.3

198 100

51 43.6 20.1 60.1

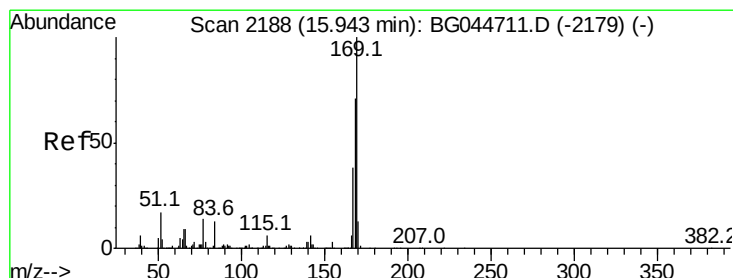
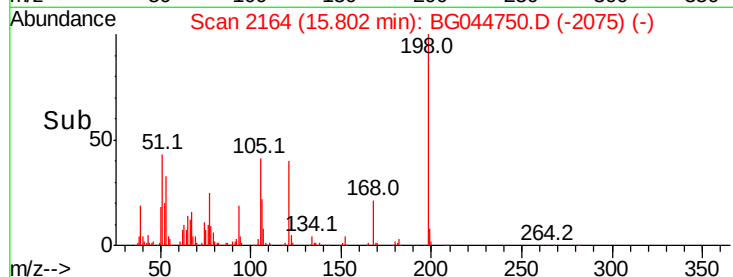
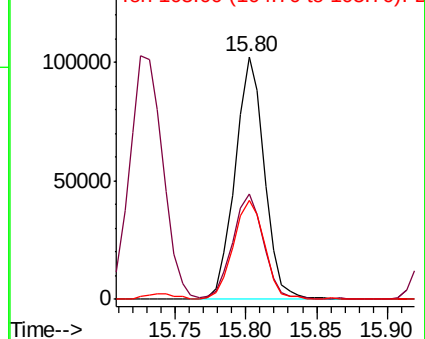
105 40.8 21.3 61.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.748 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

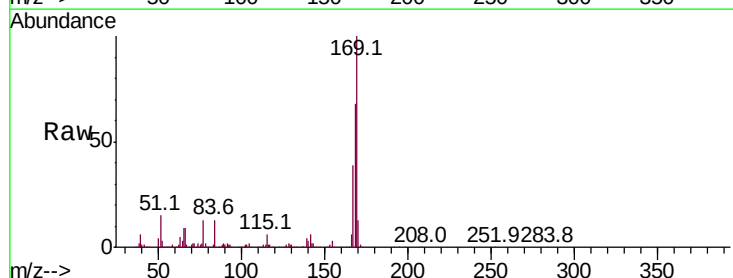
Tgt Ion:169 Resp: 783083

Ion	Ratio	Lower	Upper
169	100		
168	67.8	56.6	85.0
167	38.9	30.1	45.1

169 100

168 67.8 56.6 85.0

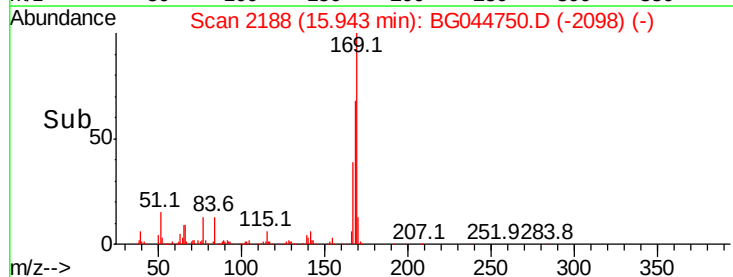
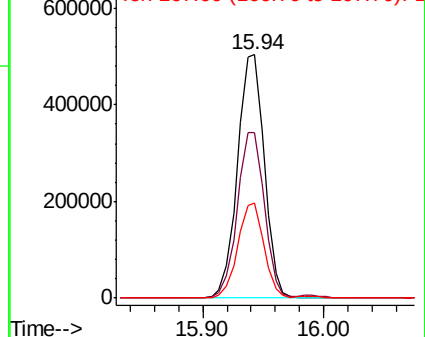
167 38.9 30.1 45.1

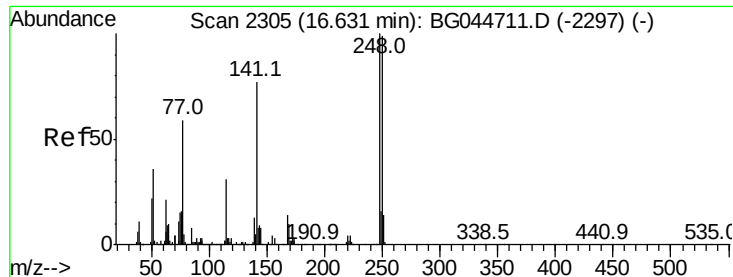


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.049 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG044750.D

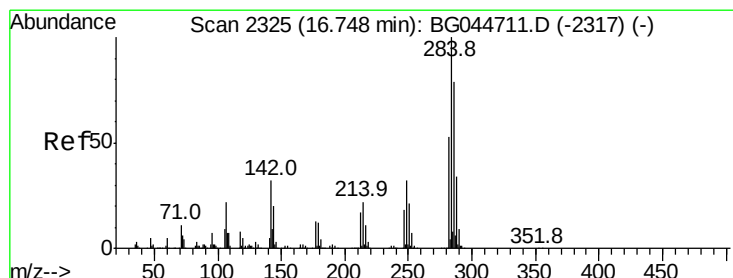
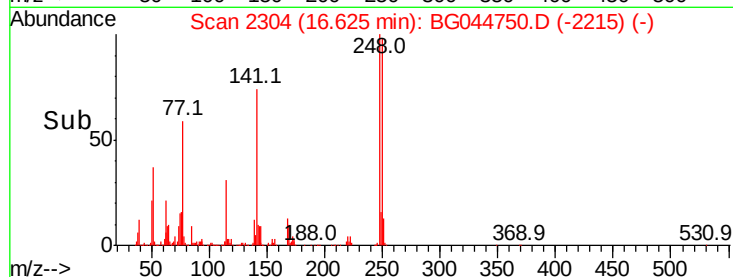
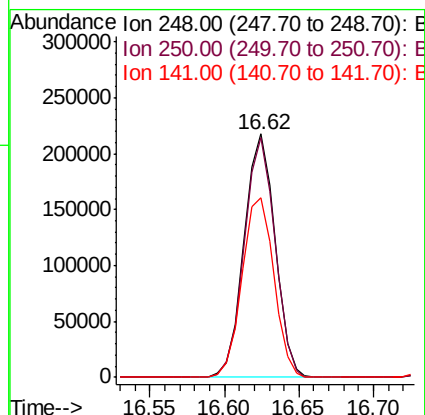
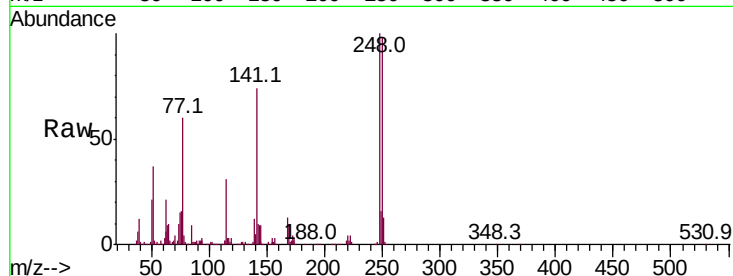
Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	248	Resp:	312536
Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.4	119.0
141	73.9	61.7	92.5



#68

Hexachlorobenzene

Concen: 41.825 ng

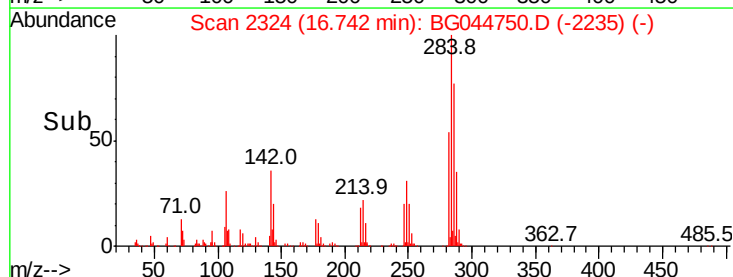
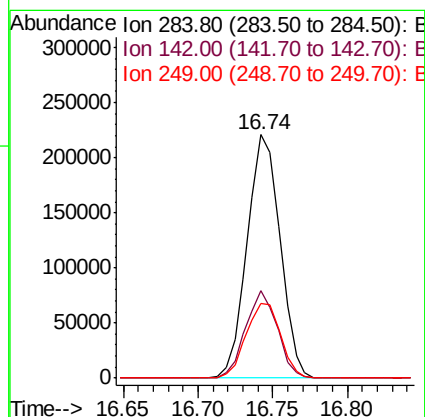
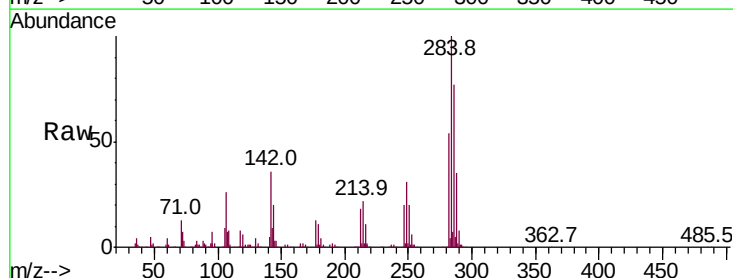
RT: 16.74 min Scan# 2324

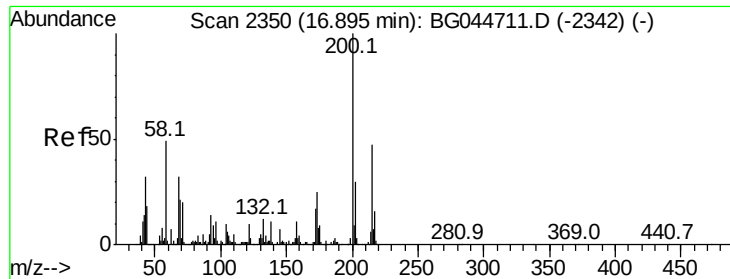
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	284	Resp:	337260
Ion	Ratio	Lower	Upper
284	100		
142	35.9	25.6	38.4
249	30.7	25.8	38.6





#69

Atrazine

Concen: 46.224 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

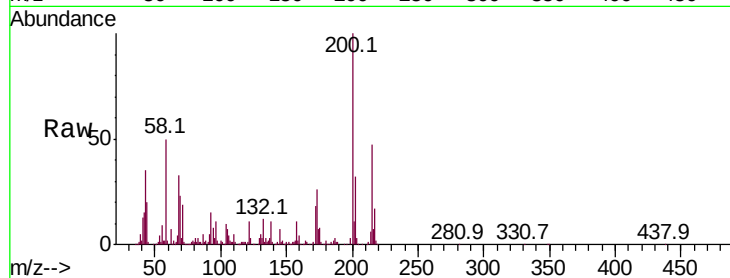
Tot Ion:200 Resp: 303139

Ion Ratio Lower Upper

200 100

173 26.3 4.8 44.8

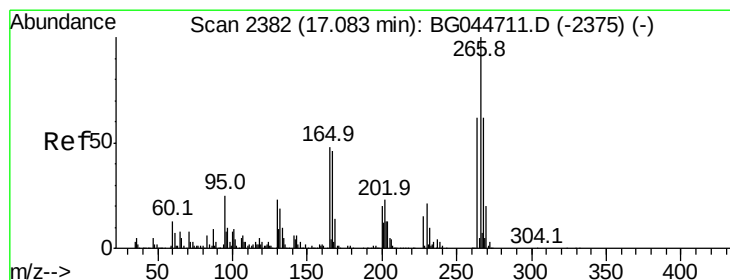
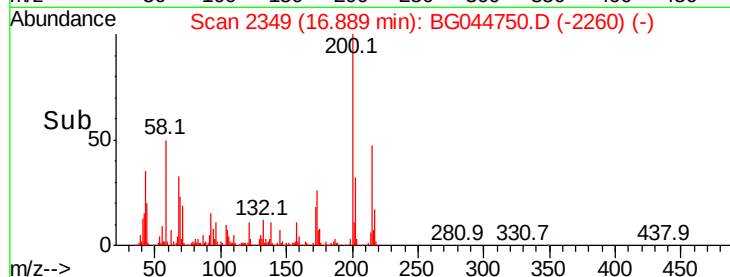
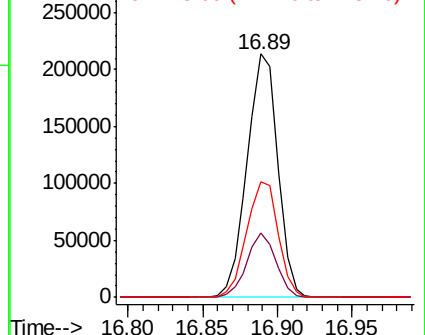
215 47.2 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 95.613 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

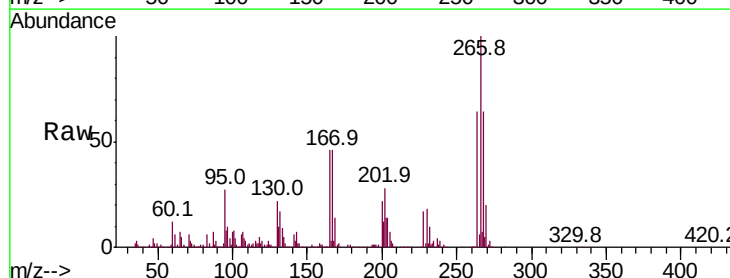
Tgt Ion:266 Resp: 424206

Ion Ratio Lower Upper

266 100

268 64.2 49.9 74.9

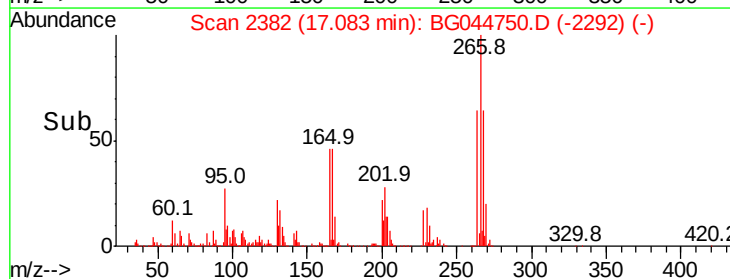
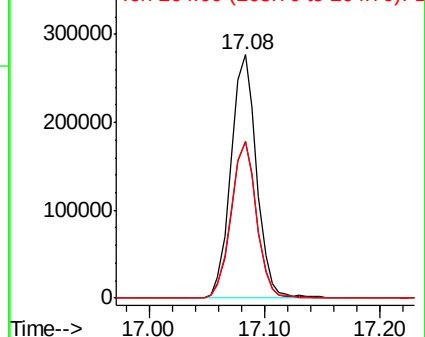
264 64.4 49.9 74.9

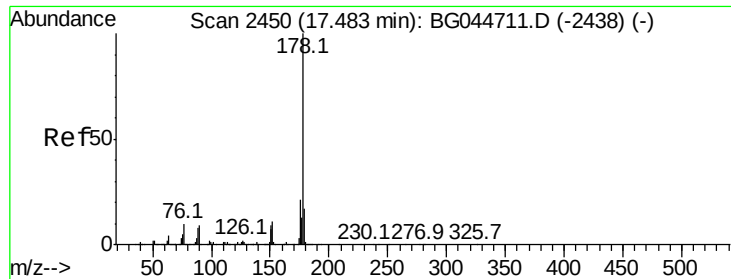


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

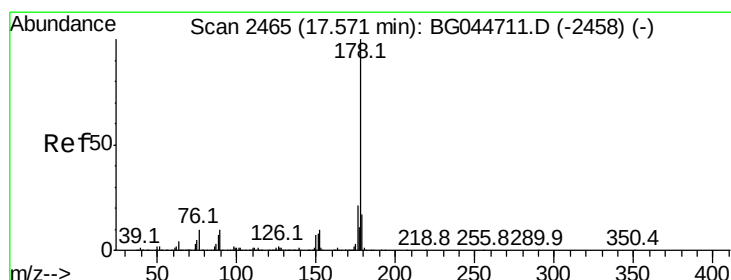
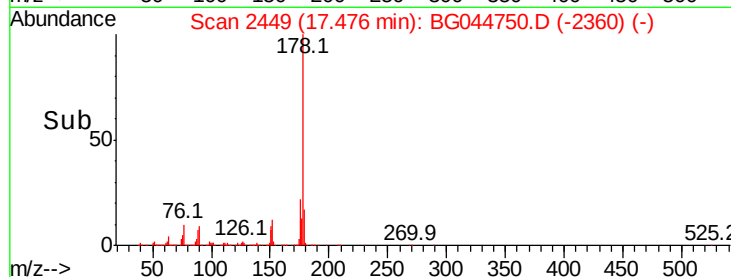
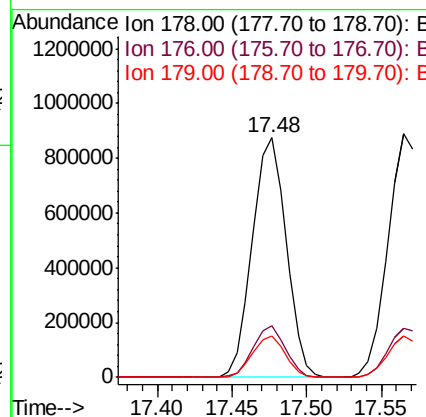
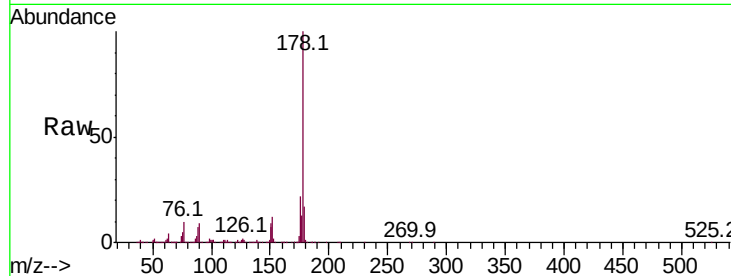




#71
 Phenanthrene
 Concen: 43.354 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

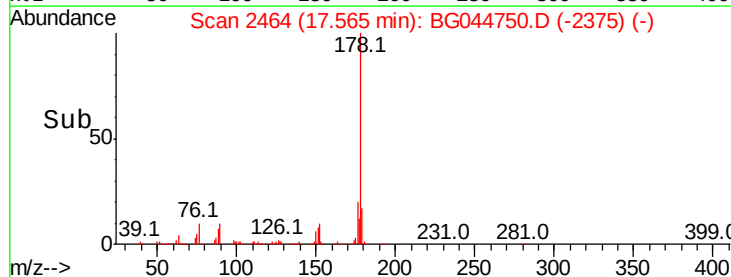
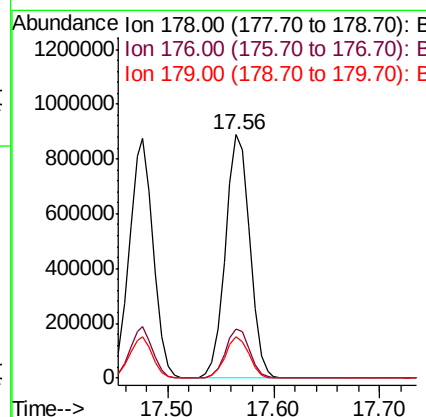
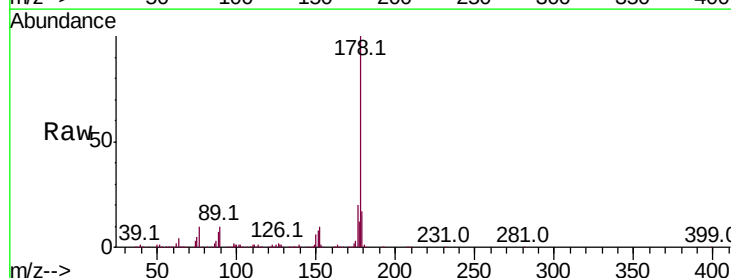
Instrument :
 BNA_G
 ClientSampleId :

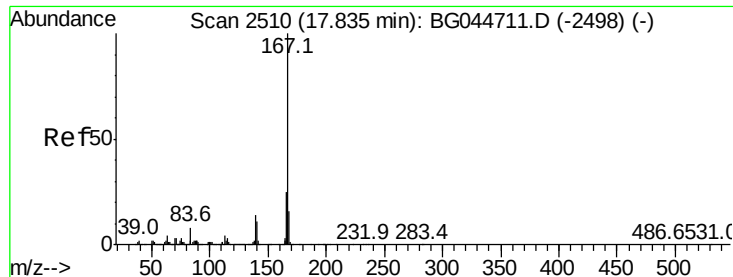
Tot Ion:178 Resp: 1377416
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.0 25.6
 179 17.1 13.7 20.5



#72
 Anthracene
 Concen: 45.451 ng
 RT: 17.56 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion:178 Resp: 1423889
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.0 25.6
 179 17.2 13.8 20.8





#73

Carbazole

Concen: 44.113 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

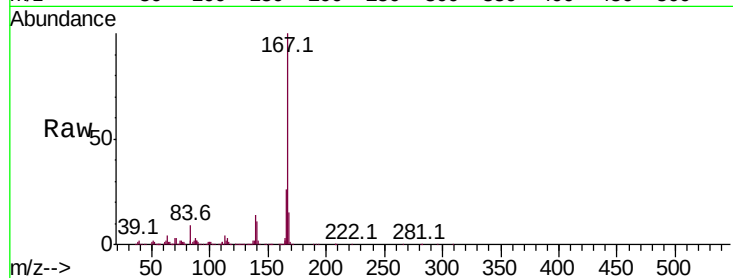
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 1327506

Ion	Ratio	Lower	Upper
167	100		
166	25.5	19.6	29.4
139	14.2	11.4	17.2

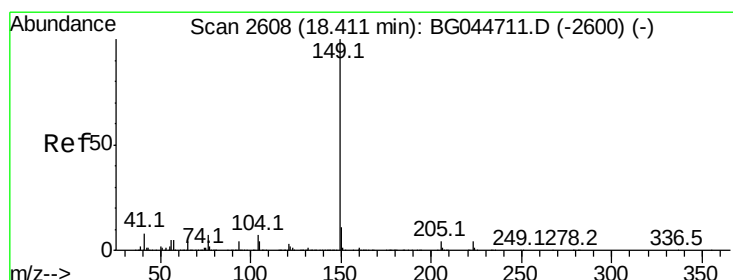
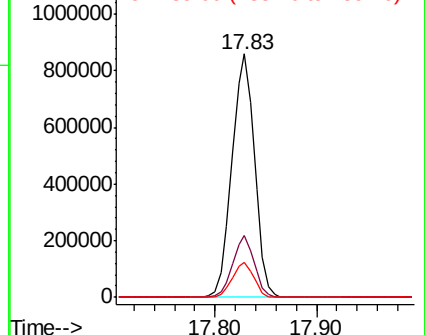
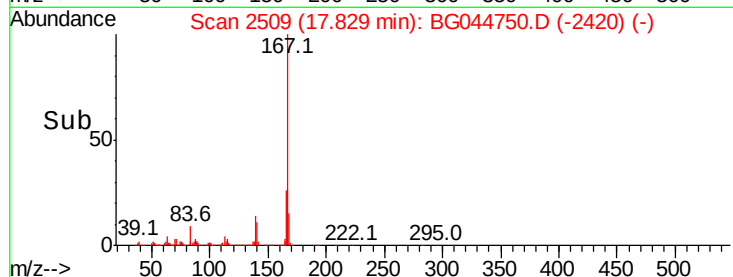


Abundance

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: 44.279 ng

RT: 18.40 min Scan# 2607

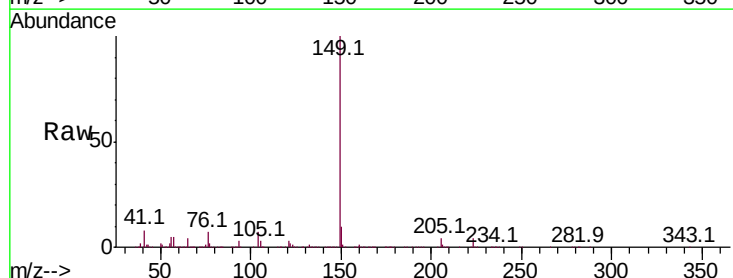
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:149 Resp: 1619793

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.4	12.6
104	7.2	5.6	8.4

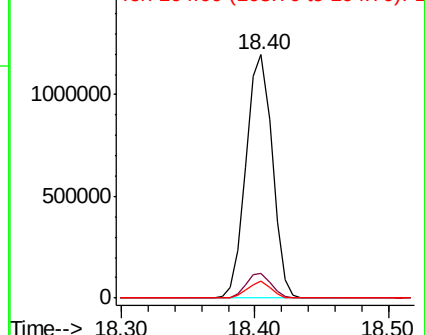
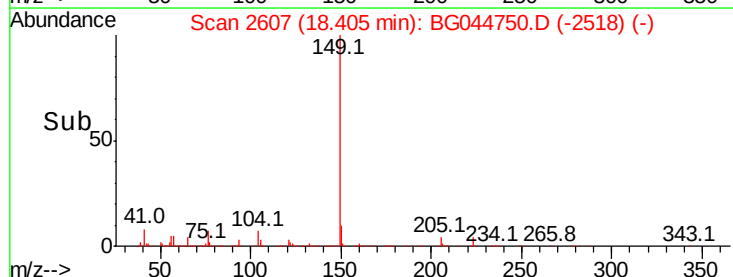


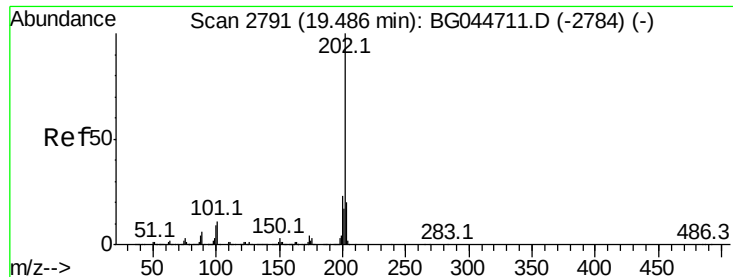
Abundance

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: 45.239 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

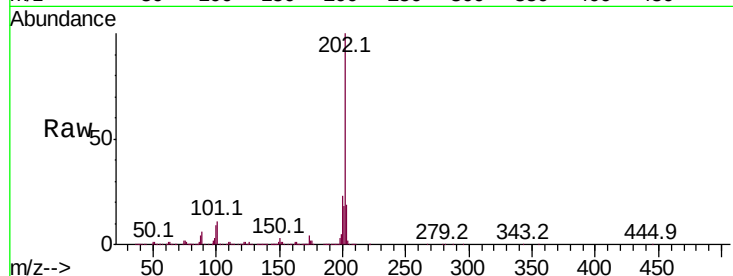
Tot Ion:202 Resp: 1711329

Ion Ratio Lower Upper

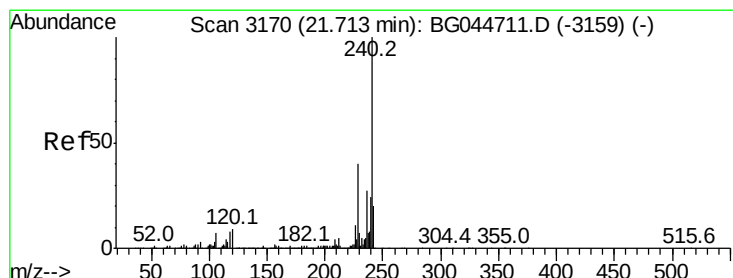
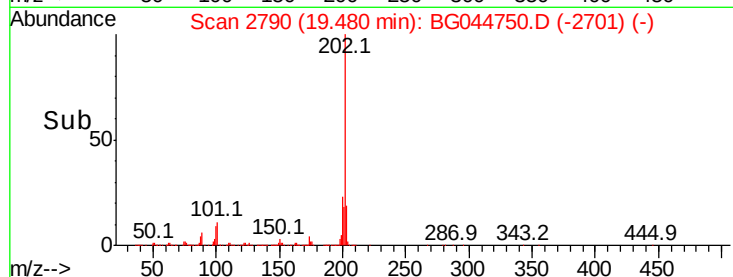
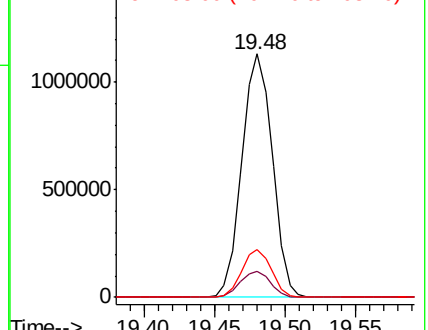
202 100

101 10.6 0.0 31.3

203 19.4 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: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

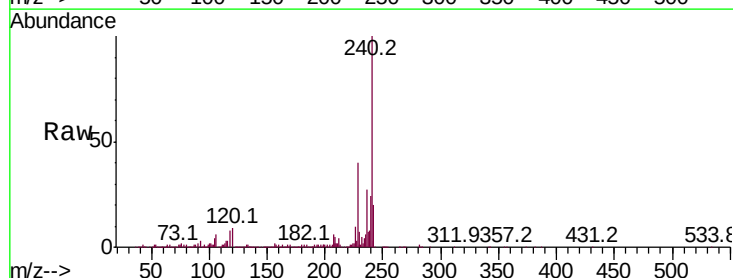
Tgt Ion:240 Resp: 537149

Ion Ratio Lower Upper

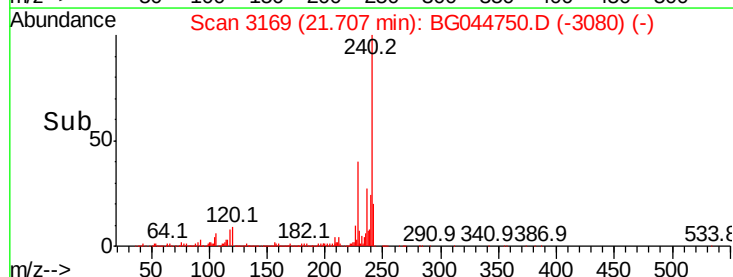
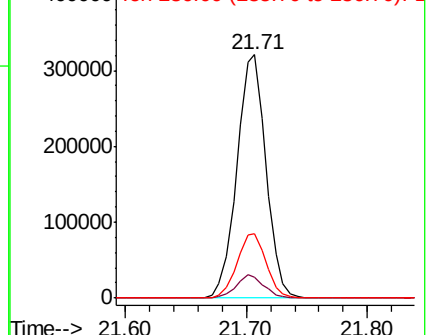
240 100

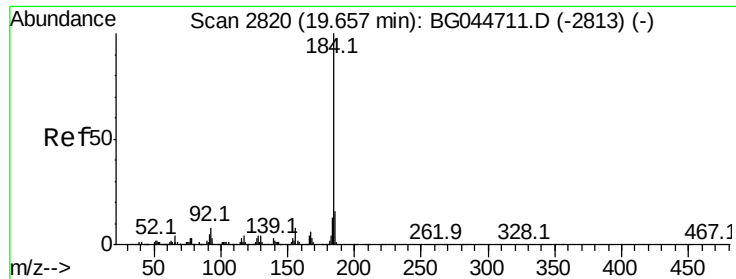
120 8.6 6.9 10.3

236 26.7 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: 62.945 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

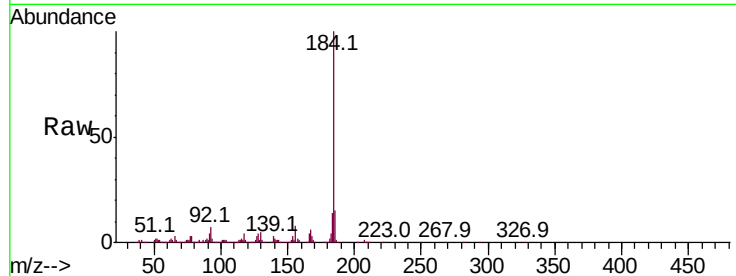
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 1097633

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	14.3	10.6	15.8

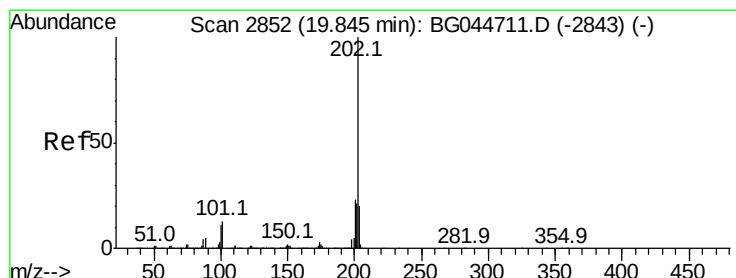
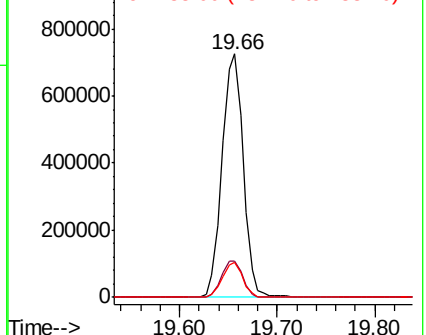
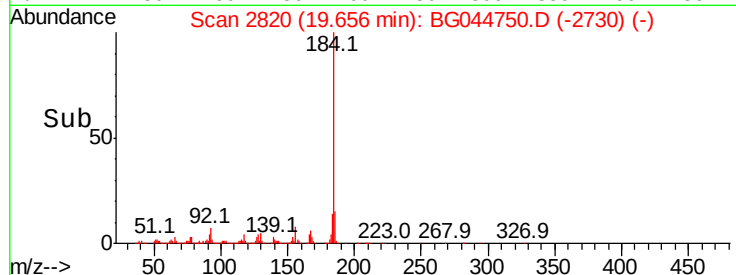


Abundance

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: 43.170 ng

RT: 19.84 min Scan# 2851

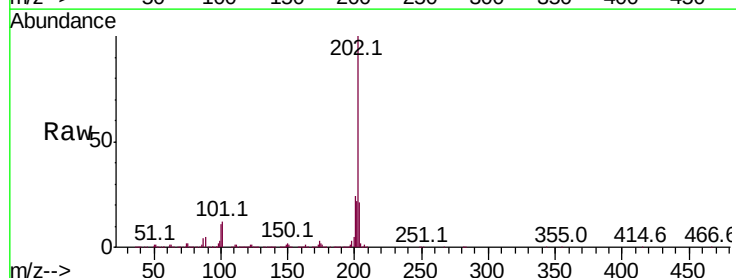
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:202 Resp: 1701279

Ion	Ratio	Lower	Upper
202	100		
200	24.4	18.7	28.1
203	20.7	16.0	24.0

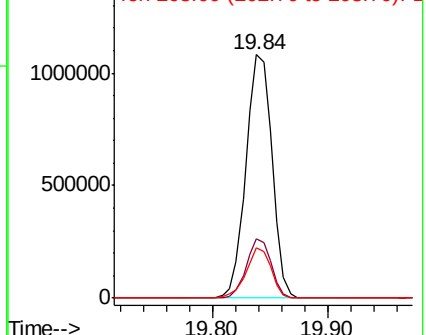
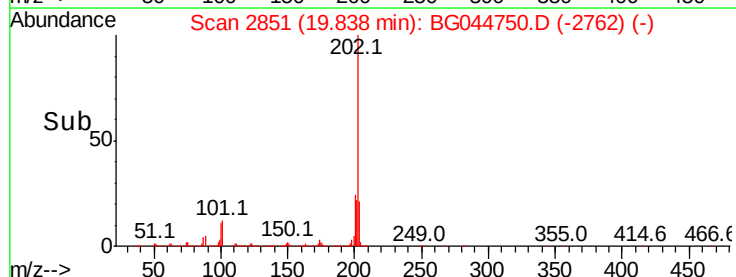


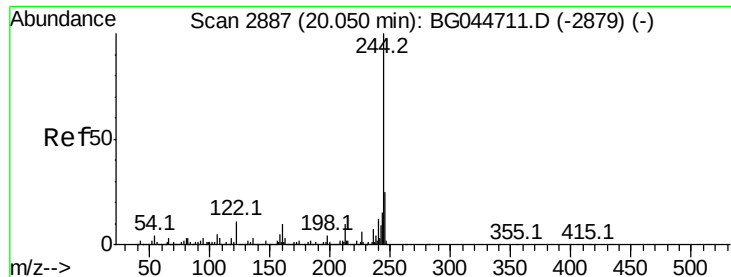
Abundance

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: 83.207 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampled :

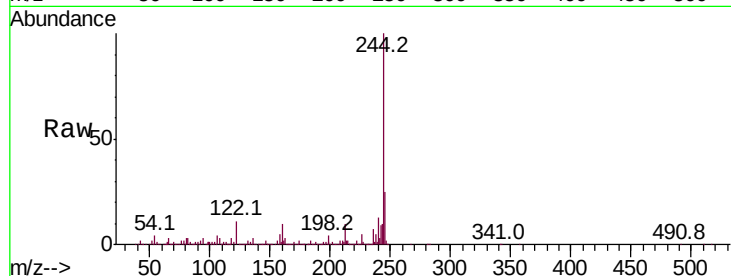
Tot Ion:244 Resp: 2389392

Ion Ratio Lower Upper

244 100

212 10.3 8.4 12.6

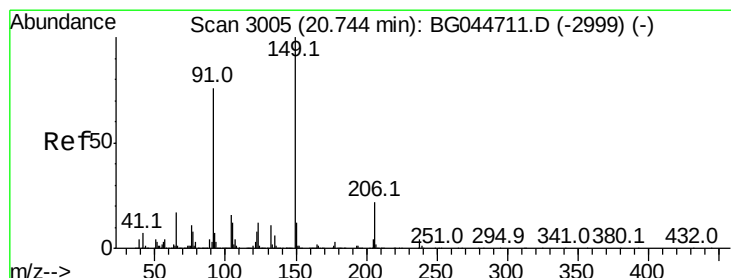
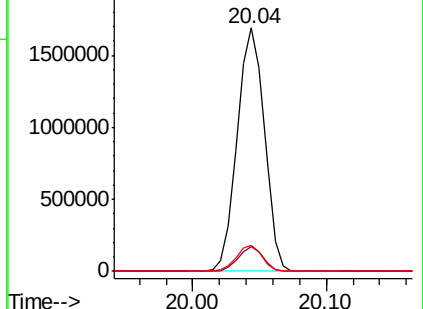
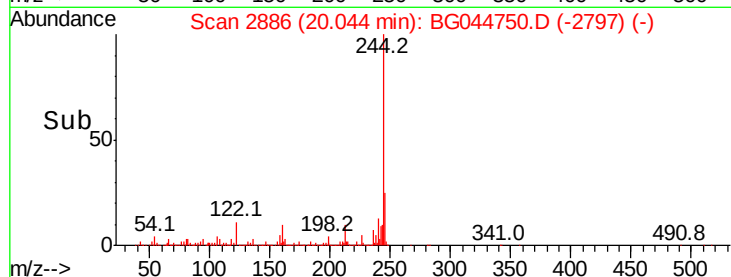
122 10.9 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.713 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

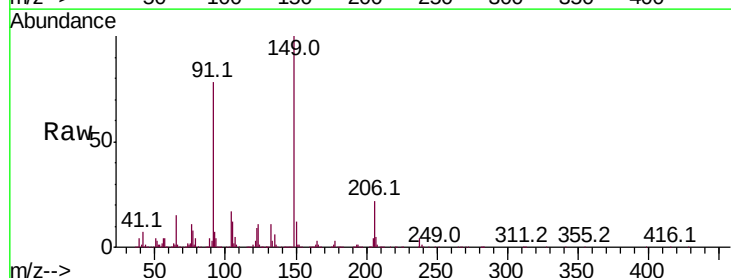
Tgt Ion:149 Resp: 748844

Ion Ratio Lower Upper

149 100

91 77.8 61.1 91.7

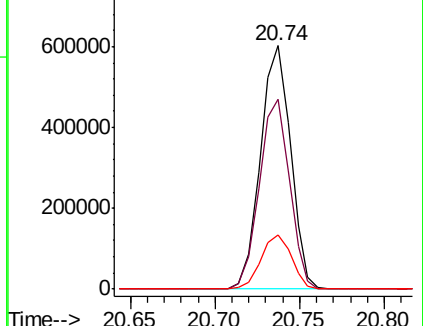
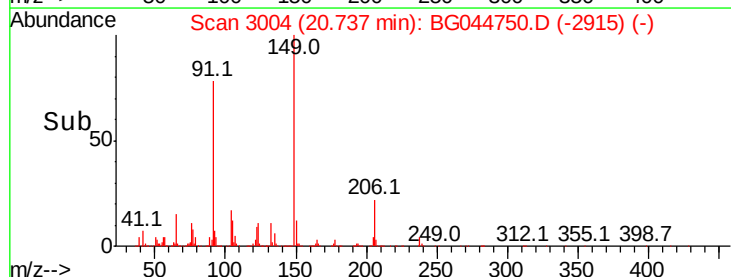
206 22.5 17.4 26.2

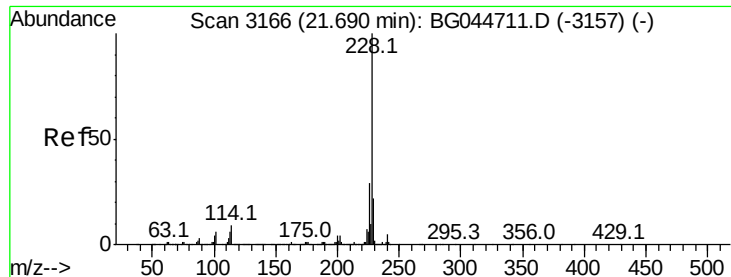


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.593 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

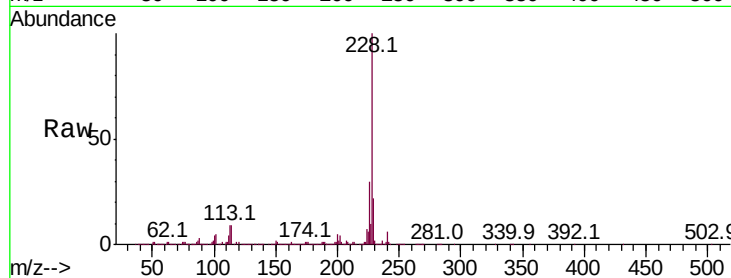
Tot Ion:228 Resp: 1686101

Ion Ratio Lower Upper

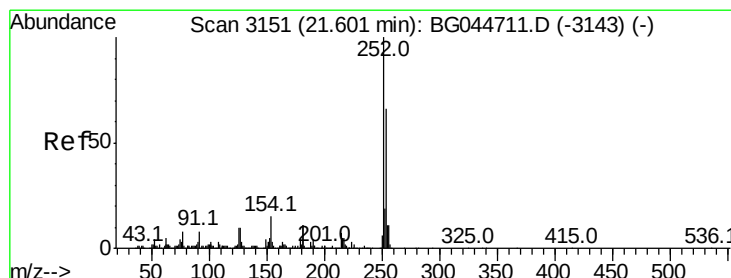
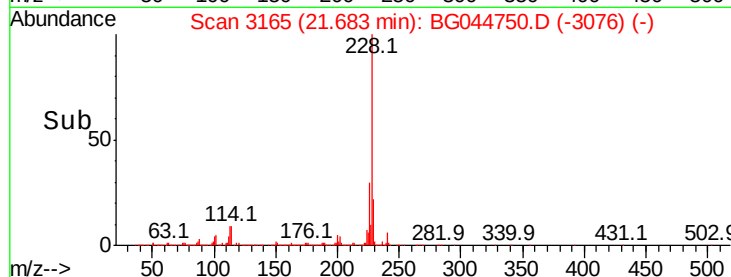
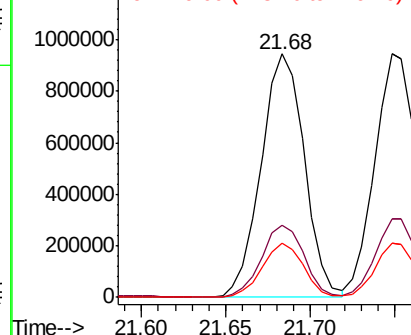
228 100

226 29.8 23.5 35.3

229 22.3 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: 35.073 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

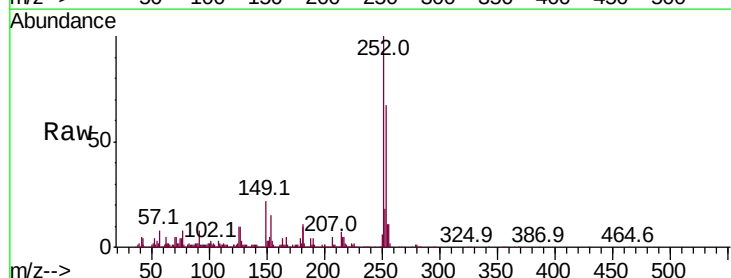
Tgt Ion:252 Resp: 524815

Ion Ratio Lower Upper

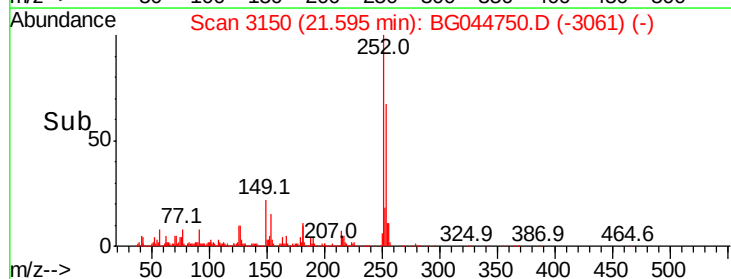
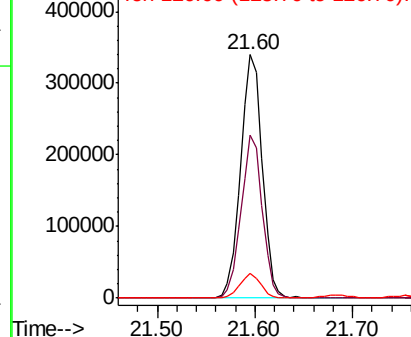
252 100

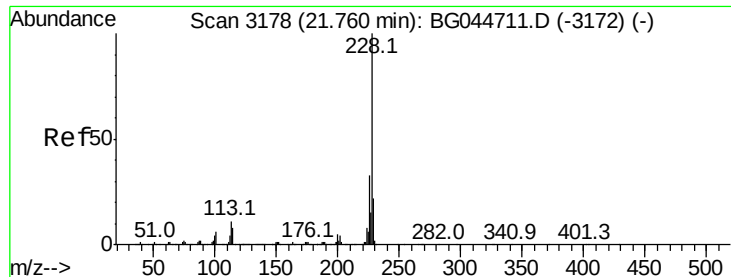
254 66.9 53.0 79.4

126 10.0 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

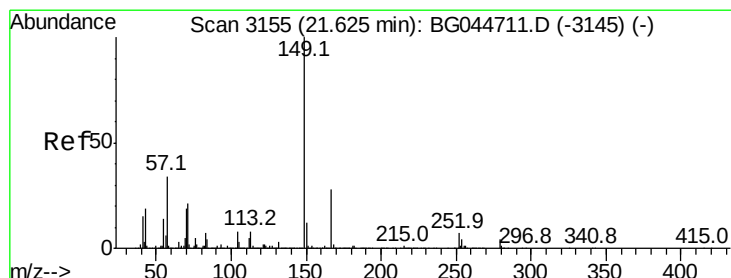
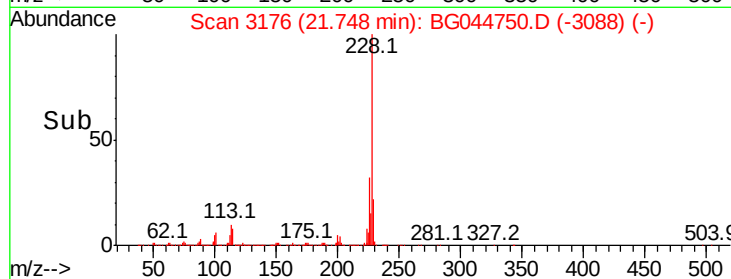
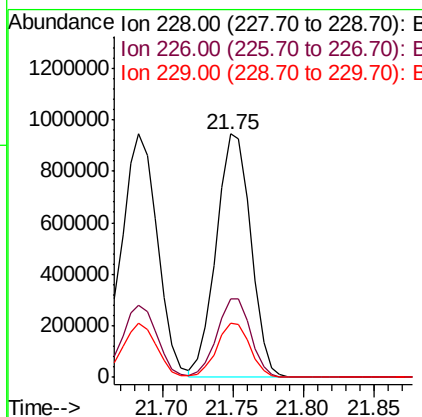
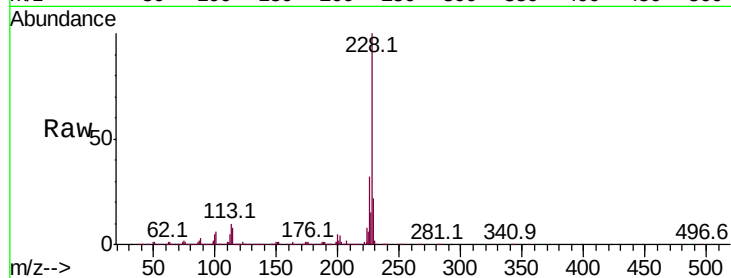




#83
Chrysene
Concen: 43.573 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

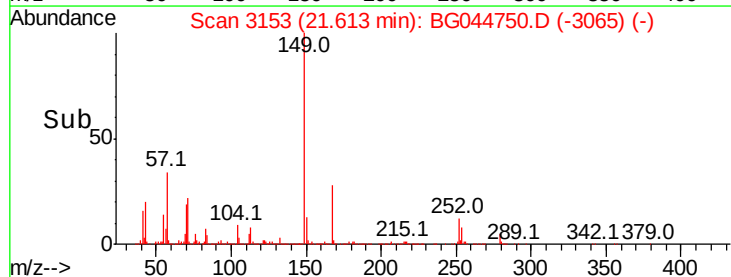
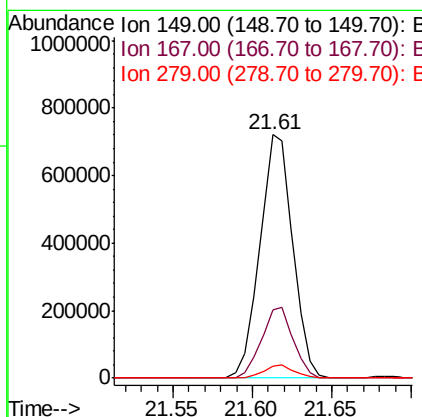
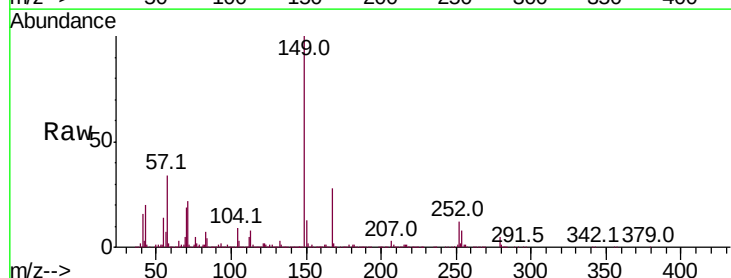
Instrument :
BNA_G
ClientSampleId :

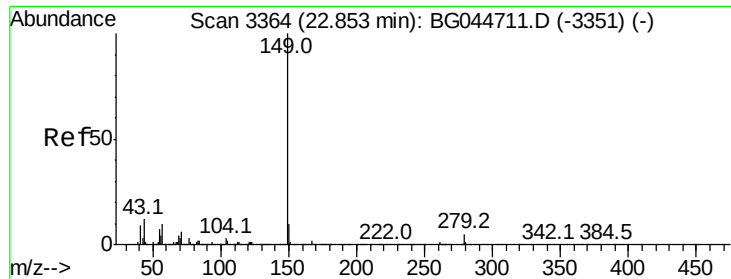
Tot Ion:228 Resp: 1609895
Ion Ratio Lower Upper
228 100
226 32.3 26.1 39.1
229 22.0 17.4 26.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.982 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion:149 Resp: 1040009
Ion Ratio Lower Upper
149 100
167 28.2 22.6 33.8
279 4.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 45.025 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

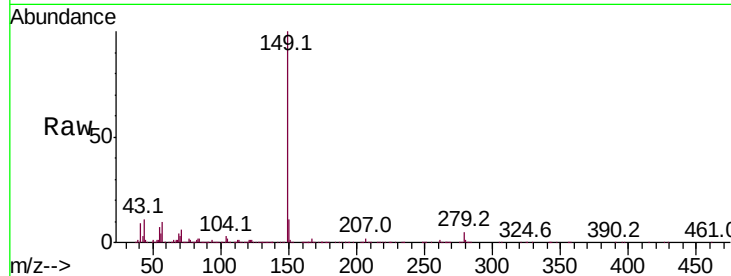
Tot Ion:149 Resp: 1823100

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

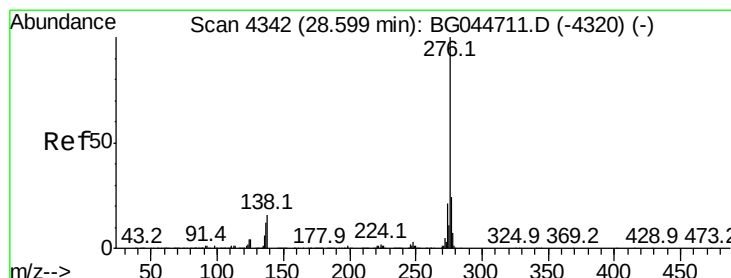
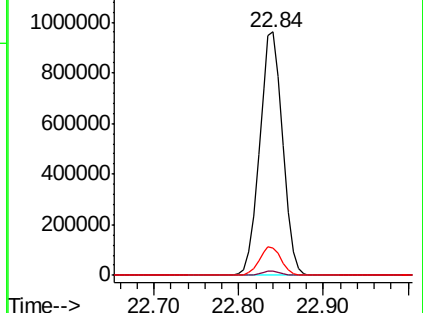
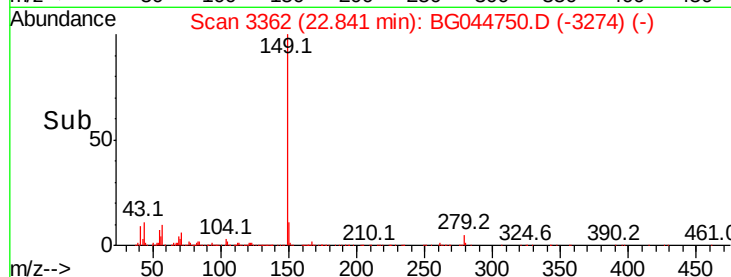
43 11.3 9.0 13.6



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: 45.158 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

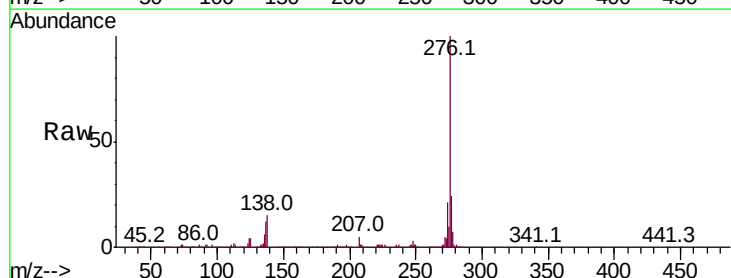
Tgt Ion:276 Resp: 2187362

Ion Ratio Lower Upper

276 100

138 13.4 10.9 16.3

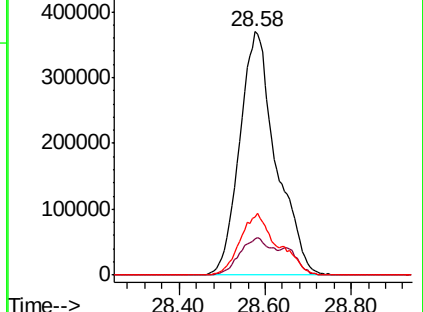
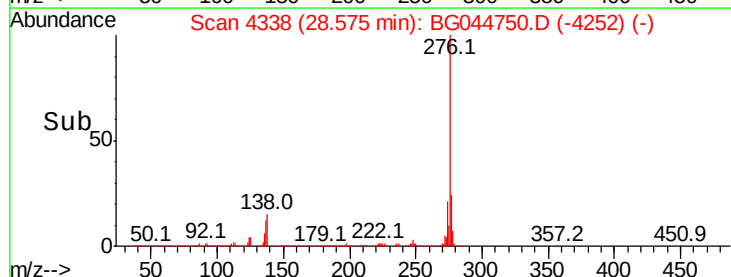
277 26.3 20.8 31.2

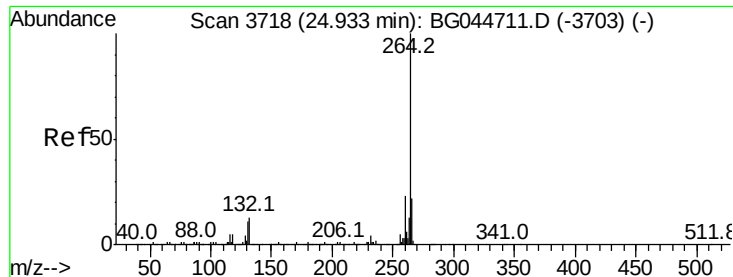


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

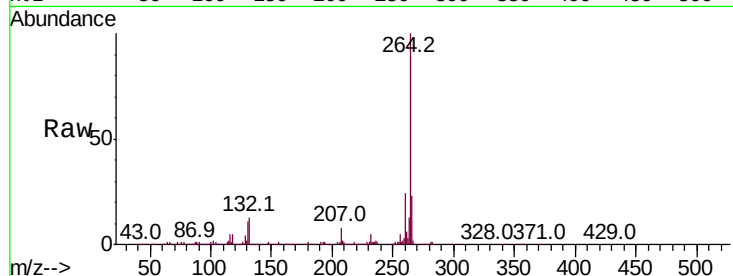
Tot Ion:264 Resp: 647307

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 22.8 17.4 26.2

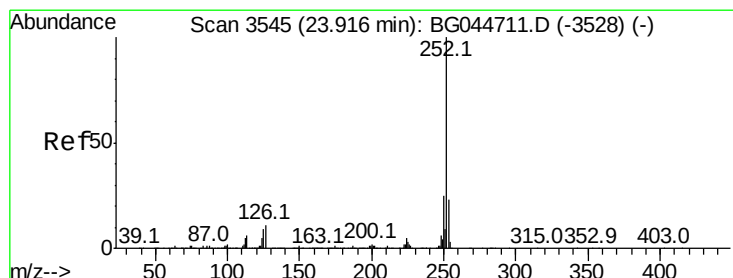
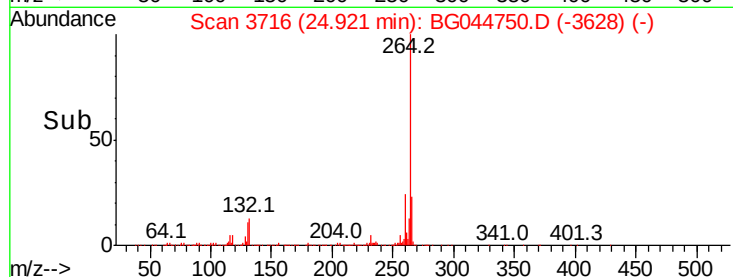
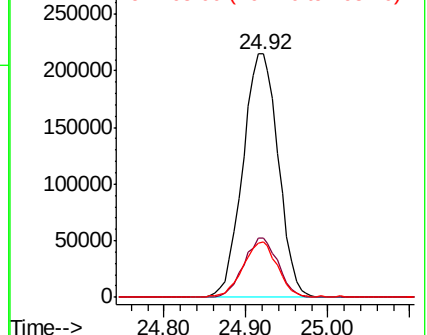


Abundance

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: 43.377 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

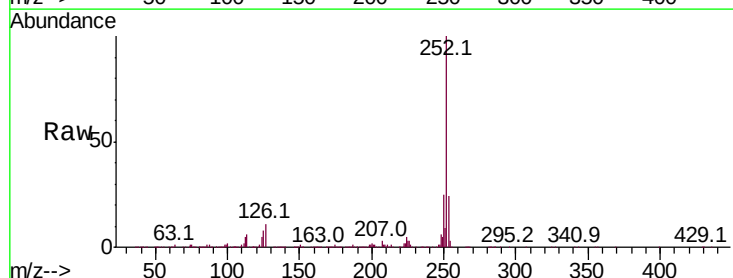
Tgt Ion:252 Resp: 1853666

Ion Ratio Lower Upper

252 100

253 23.8 18.7 28.1

125 8.1 7.2 10.8

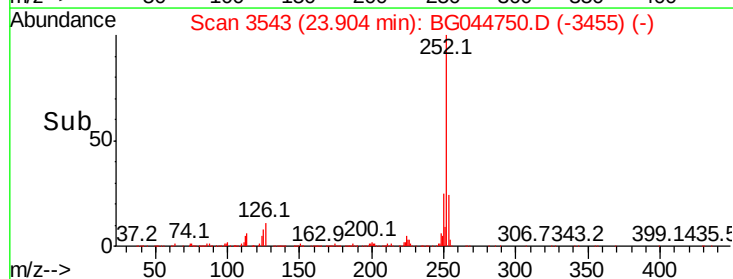
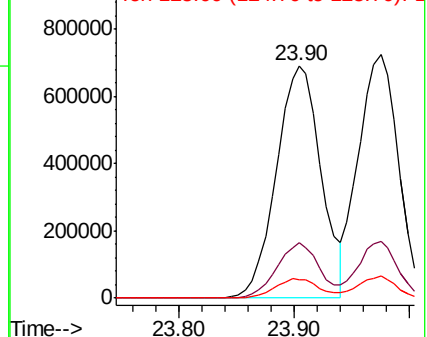


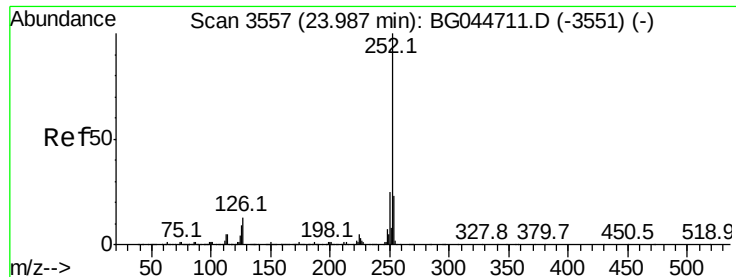
Abundance

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: 43.105 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampled :

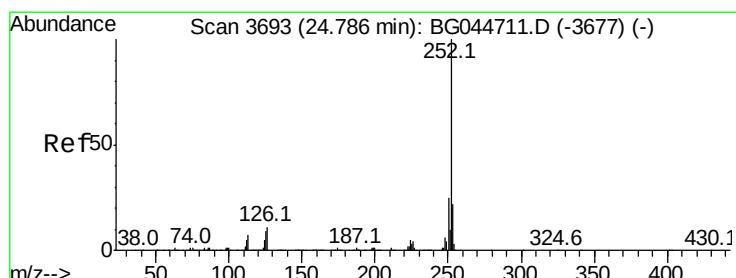
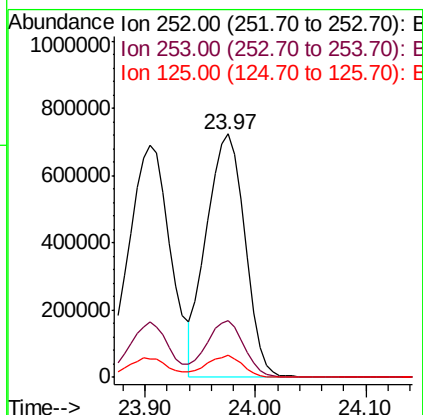
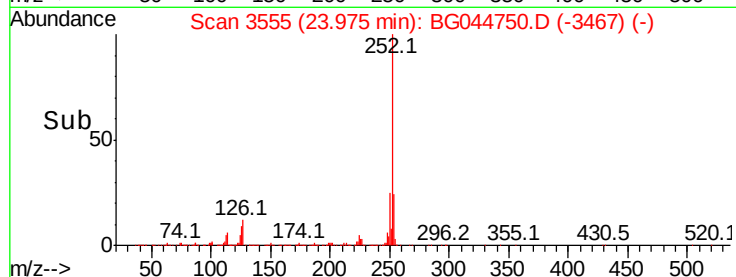
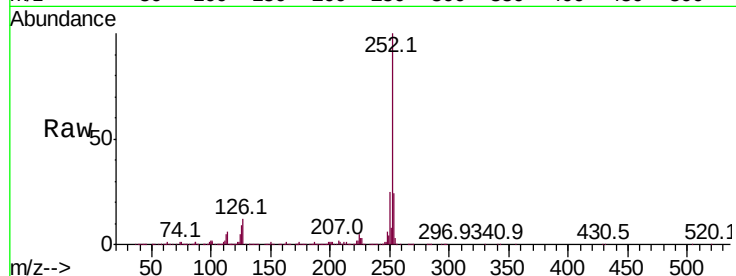
Tot Ion:252 Resp: 1743202

Ion Ratio Lower Upper

252 100

253 23.6 18.4 27.6

125 9.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 42.605 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

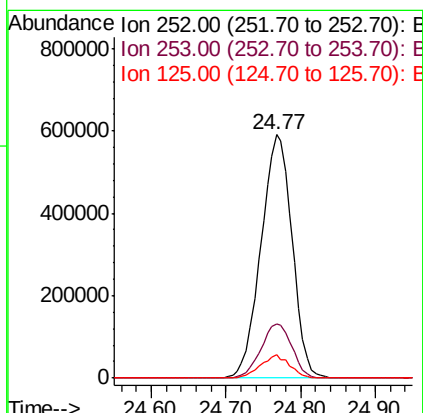
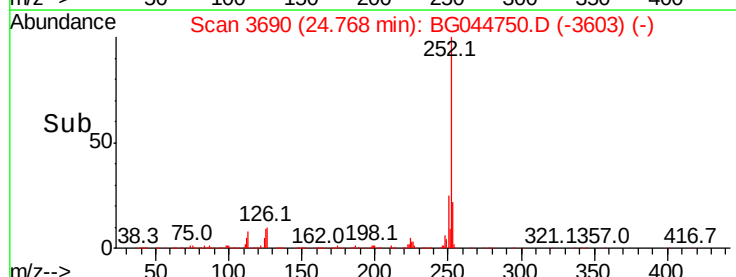
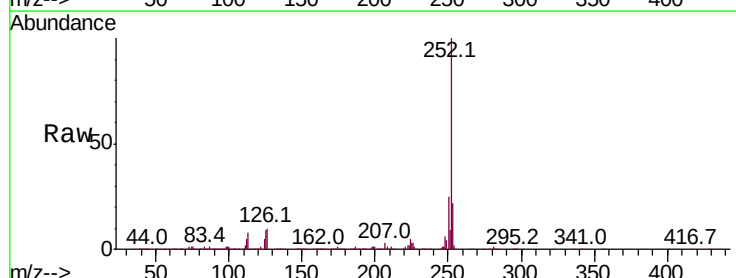
Tgt Ion:252 Resp: 1703606

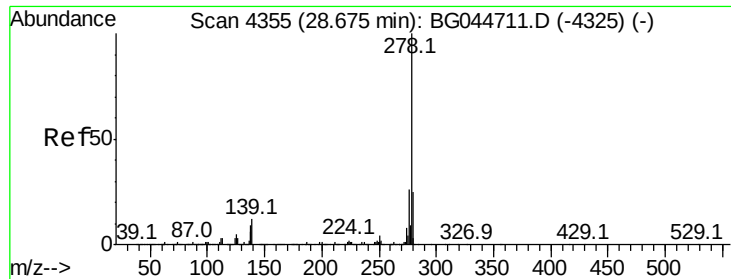
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.5 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 44.931 ng

RT: 28.66 min Scan# 4352

Delta R.T. -0.02 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampled :

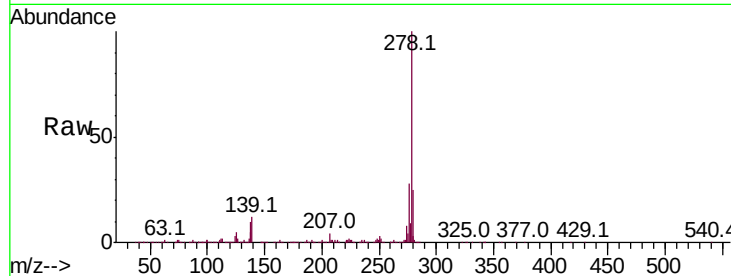
Tot Ion:278 Resp: 1772466

Ion Ratio Lower Upper

278 100

139 12.3 9.9 14.9

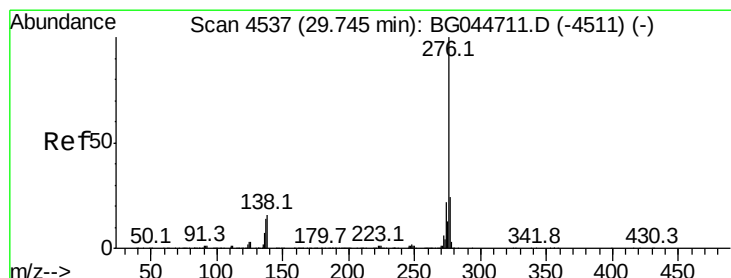
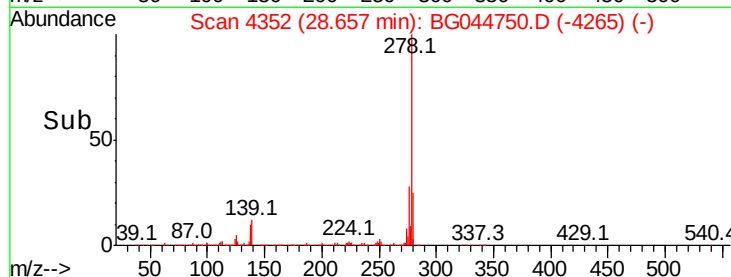
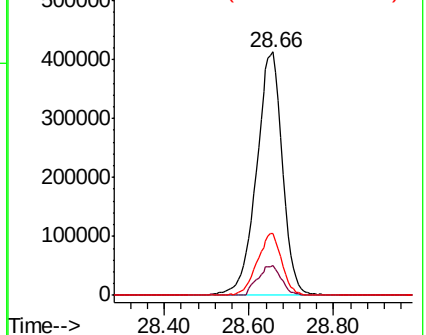
279 25.2 20.2 30.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.451 ng

RT: 29.73 min Scan# 4534

Delta R.T. -0.02 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

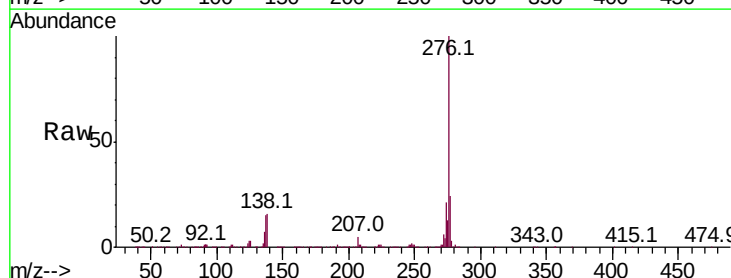
Tgt Ion:276 Resp: 1811484

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 15.6 13.0 19.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

