

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044811.D
 Acq On : 16 Mar 2020 13:27
 Operator : CG/JU
 Sample : PB127398BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 17:44:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101594	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	392585	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	270820	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	673512	20.00	ng	0.00
76) Chrysene-d12	21.70	240	591146	20.00	ng	0.00
87) Perylene-d12	24.91	264	526119	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	804898	123.33	ng	0.00
7) Phenol-d6	7.21	99	1108350	116.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	642685	71.84	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	486972	137.33	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1329889	70.32	ng	0.00
79) Terphenyl-d14	20.04	244	2195600	69.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	105533	33.580	ng	96
3) Pyridine	3.91	79	272398	29.279	ng	99
4) n-Nitrosodimethylamine	3.82	42	138384	39.202	ng	89
6) Aniline	7.37	93	323129	27.386	ng	98
8) 2-Chlorophenol	7.61	128	298167	45.767	ng	98
9) Benzaldehyde	7.18	77	79229	10.164	ng	94
10) Phenol	7.24	94	406068	43.256	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	306612	40.925	ng	94
12) 1,3-Dichlorobenzene	7.94	146	329589	41.068	ng	100
13) 1,4-Dichlorobenzene	8.08	146	330563	41.663	ng	98
14) 1,2-Dichlorobenzene	8.41	146	309463	41.126	ng	96
15) Benzyl Alcohol	8.28	79	318567	41.873	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	468632	35.444	ng	98
17) 2-Methylphenol	8.49	107	279558	43.963	ng	95
18) Hexachloroethane	9.14	117	129972	41.609	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	255867	38.215	ng	100
20) 3+4-Methylphenols	8.82	107	381698	43.544	ng	95
22) Acetophenone	8.87	105	458896	41.260	ng	99
24) Nitrobenzene	9.25	77	392555	42.287	ng	99
25) Isophorone	9.78	82	709715	40.646	ng	98
26) 2-Nitrophenol	9.96	139	167567	51.536	ng	98
27) 2,4-Dimethylphenol	10.03	122	285425	50.196	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	416657	39.985	ng	100
29) 2,4-Dichlorophenol	10.50	162	302813	45.594	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	327751	41.271	ng	94
31) Naphthalene	10.91	128	919303	42.272	ng	99
32) Benzoic acid	10.16	122	187519	43.474	ng	95
33) 4-Chloroaniline	11.01	127	203601	20.780	ng	95
34) Hexachlorobutadiene	11.21	225	218837	41.903	ng	96
35) Caprolactam	11.78	113	68491	27.237	ng	# 88
36) 4-Chloro-3-methylphenol	12.13	107	351297	44.350	ng	97
37) 2-Methylnaphthalene	12.51	142	683169	41.995	ng	95
38) 1-Methylnaphthalene	12.73	142	647719	42.351	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	362674	40.663	ng	99

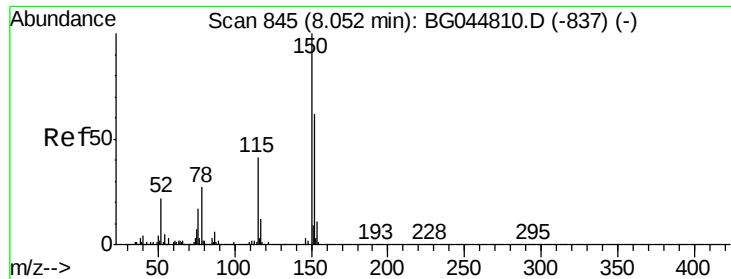
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044811.D
 Acq On : 16 Mar 2020 13:27
 Operator : CG/JU
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Instrument :
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Quant Time: Mar 16 17:44:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	375671	77.073	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	261047	44.103	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	280133	45.636	ng	99
46) 1,1'-Biphenyl	13.52	154	843291	38.966	ng	99
47) 2-Chloronaphthalene	13.56	162	644599	38.990	ng	97
48) 2-Nitroaniline	13.75	65	245068	42.341	ng	96
49) Acenaphthylene	14.41	152	1085363	41.905	ng	98
50) Dimethylphthalate	14.14	163	895823	41.532	ng	99
51) 2,6-Dinitrotoluene	14.25	165	202591	46.597	ng	96
52) Acenaphthene	14.75	154	790673	46.613	ng	98
53) 3-Nitroaniline	14.58	138	153883	30.785	ng	93
54) 2,4-Dinitrophenol	14.78	184	232087	99.849	ng	90
55) Dibenzofuran	15.08	168	1038511	42.219	ng	98
56) 4-Nitrophenol	14.89	139	406747	106.622	ng	98
57) 2,4-Dinitrotoluene	15.03	165	287757	48.258	ng	96
58) Fluorene	15.73	166	855350	42.272	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	275784	48.799	ng	98
60) Diethylphthalate	15.50	149	945143	42.012	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	460097	42.228	ng	98
62) 4-Nitroaniline	15.74	138	228546	42.878	ng	95
63) Azobenzene	16.02	77	936699	40.095	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	175319	54.138	ng	98
66) n-Nitrosodiphenylamine	15.94	169	790702	38.994	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	325181	38.621	ng	97
68) Hexachlorobenzene	16.74	284	350017	38.318	ng	100
69) Atrazine	16.88	200	347885	46.827	ng	99
70) Pentachlorophenol	17.08	266	466923	92.901	ng	100
71) Phenanthrene	17.47	178	1433833	39.838	ng	98
72) Anthracene	17.56	178	1463802	41.246	ng	99
73) Carbazole	17.82	167	1415777	41.530	ng	97
74) Di-n-butylphthalate	18.40	149	1693331	40.862	ng	99
75) Fluoranthene	19.48	202	1796261	41.916	ng	97
77) Benzidine	19.65	184	423227	22.053	ng	98
78) Pyrene	19.84	202	1777408	40.982	ng	98
80) Butylbenzylphthalate	20.73	149	779951	40.423	ng	98
81) Benzo(a)anthracene	21.68	228	1723453	40.488	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	530927	32.241	ng	98
83) Chrysene	21.75	228	1633505	40.174	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	1058922	39.766	ng	97
85) Di-n-octyl phthalate	22.82	149	1829085	41.047	ng	100
86) Indeno(1,2,3-cd)pyrene	28.57	276	2144771	40.234	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	1873362	53.936	ng	97
89) Benzo(k)fluoranthene	23.97	252	1712351	52.096	ng	99
90) Benzo(a)pyrene	24.76	252	1654398	50.904	ng	97
91) Dibenzo(a,h)anthracene	28.65	278	1743471	54.376	ng	98
92) Benzo(g,h,i)perylene	29.71	276	1786871	55.160	ng	99

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

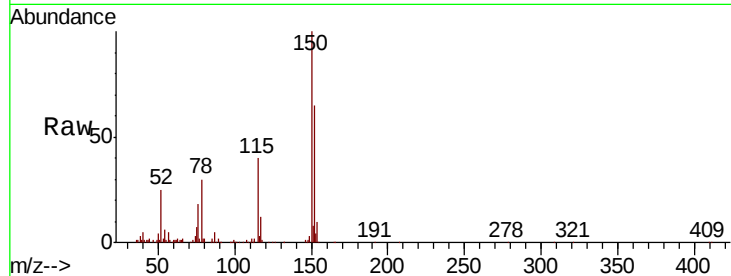


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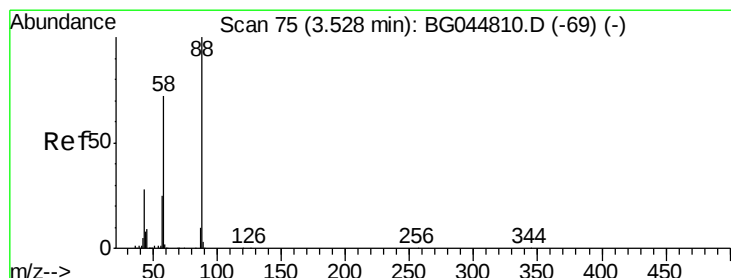
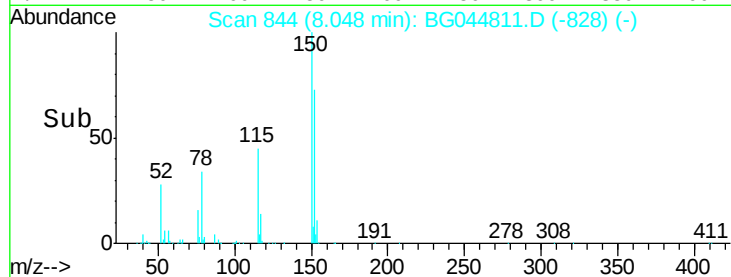
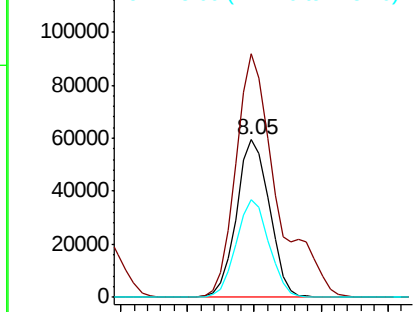
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 101594
Ion Ratio Lower Upper
152 100
150 154.4 128.8 193.2
115 61.8 52.6 79.0



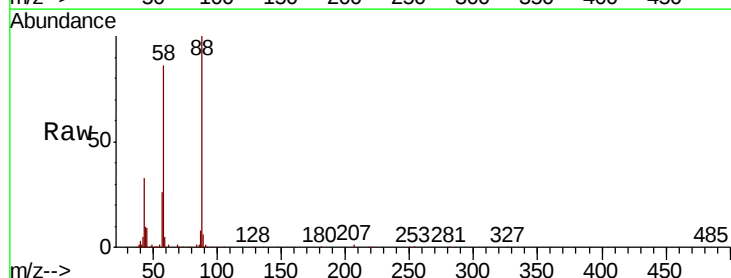
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



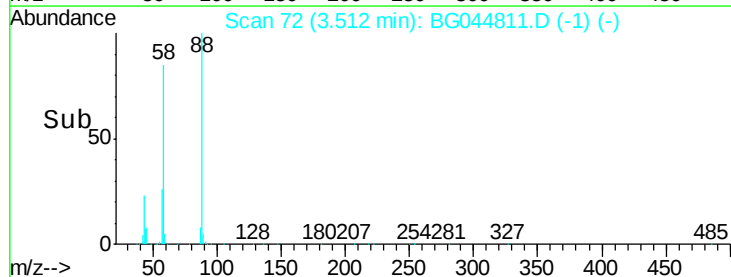
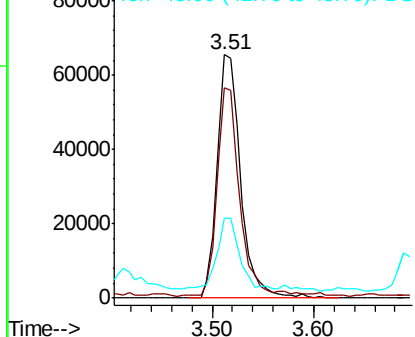
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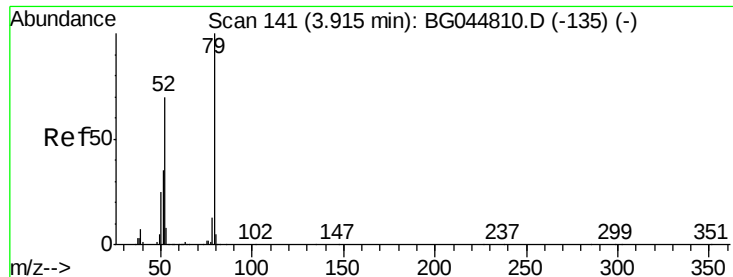
1,4-Dioxane
Concen: 33.580 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion: 88 Resp: 105533
Ion Ratio Lower Upper
88 100
58 82.0 63.0 94.4
43 28.0 24.8 37.2



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





#3

Pvridine

Concen: 29.279 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

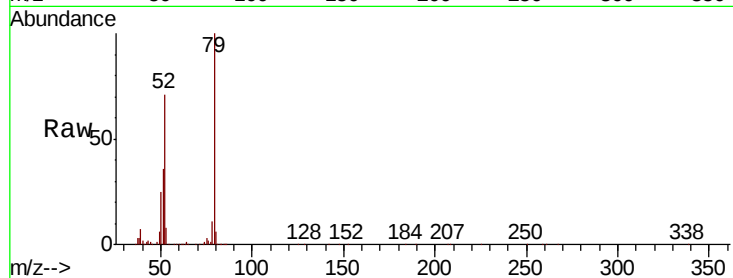
Tot Ion: 79 Resp: 272398

Ion Ratio Lower Upper

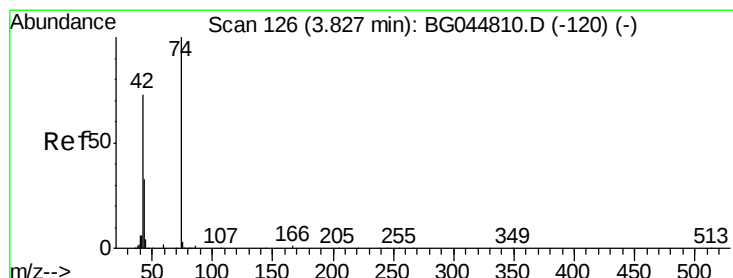
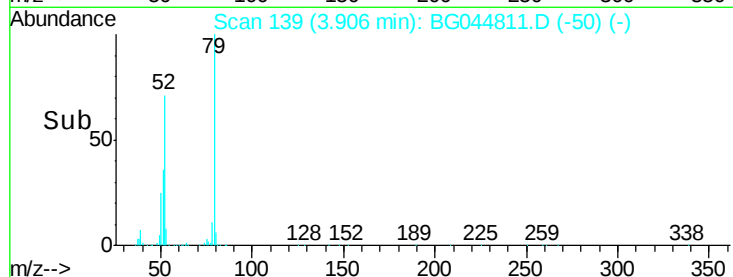
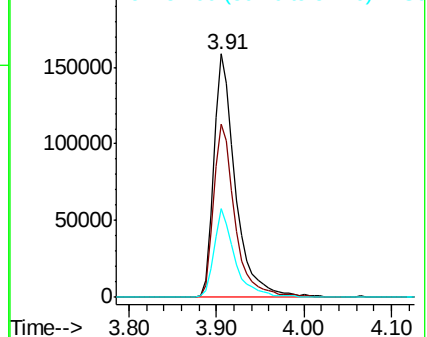
79 100

52 71.2 56.3 84.5

51 36.4 28.1 42.1



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: 39.202 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

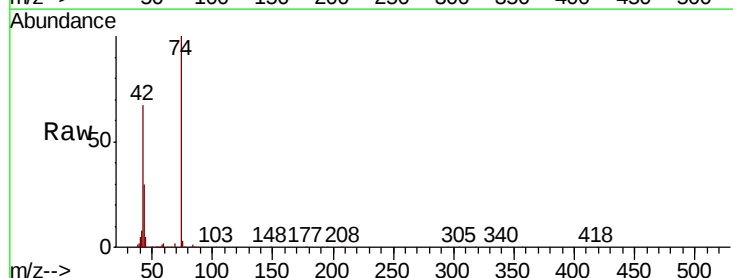
Tgt Ion: 42 Resp: 138384

Ion Ratio Lower Upper

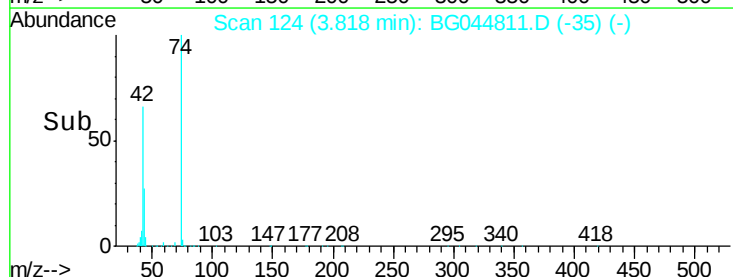
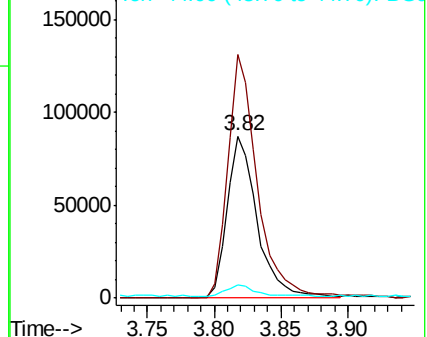
42 100

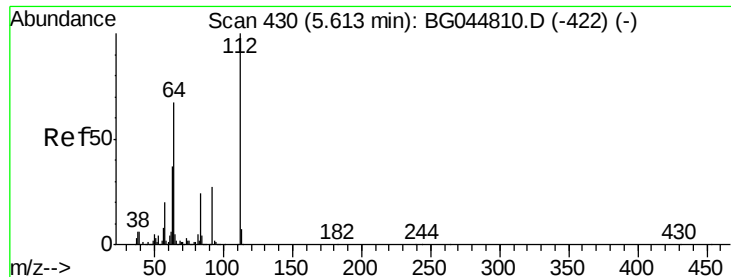
74 150.1 109.1 163.7

44 7.8 5.4 8.2



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: 123.332 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

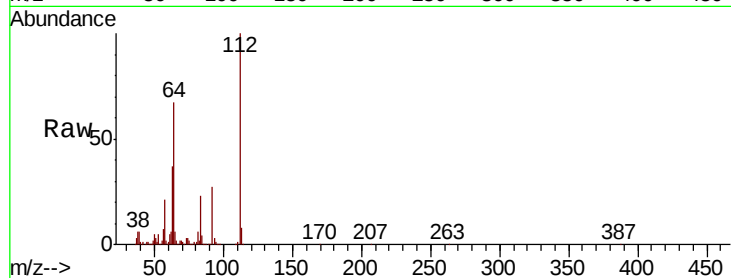
Tot Ion:112 Resp: 804898

Ion Ratio Lower Upper

112 100

64 67.4 53.4 80.2

63 36.9 29.4 44.2



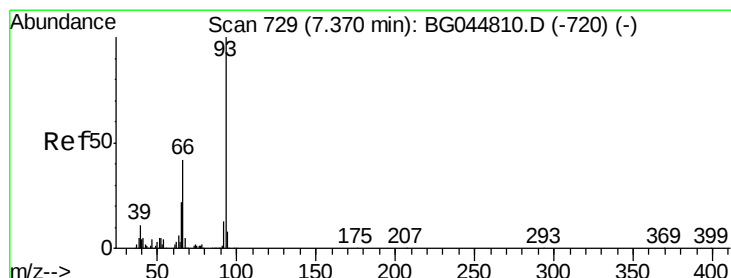
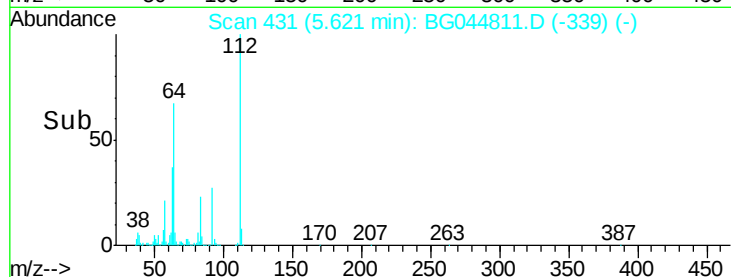
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.62

Time-->



#6

Aniline

Concen: 27.386 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

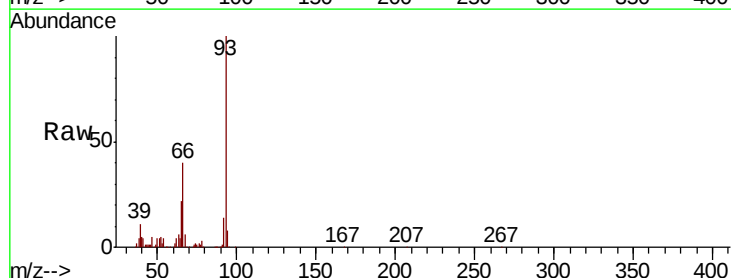
Tgt Ion: 93 Resp: 323129

Ion Ratio Lower Upper

93 100

66 40.2 33.7 50.5

65 22.2 17.7 26.5



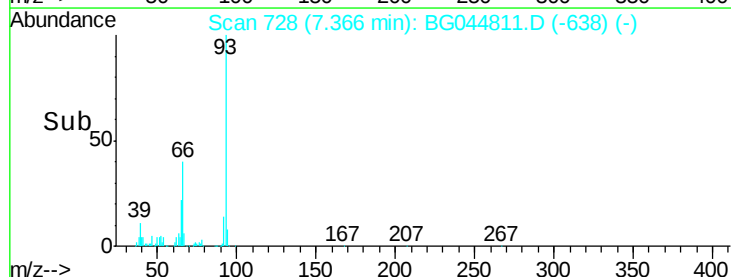
Abundance Ion 93.00 (92.70 to 93.70): BGC

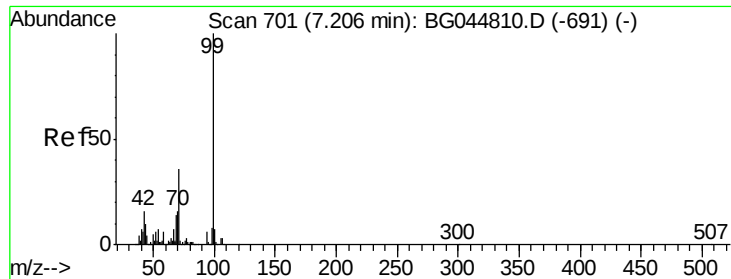
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.37

Time-->





#7

Phenol-d6

Concen: 116.887 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

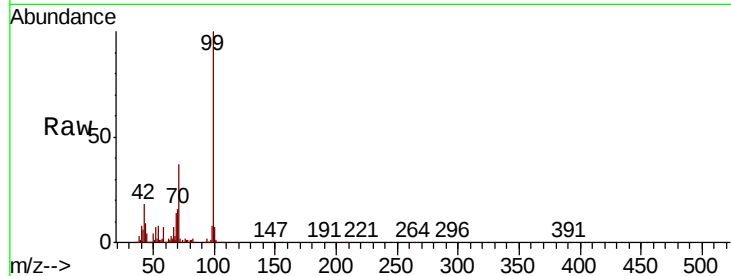
Tot Ion: 99 Resp: 1108350

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.6	19.0
71	37.0	29.0	43.4

99 100

42 18.1 12.6 19.0

71 37.0 29.0 43.4

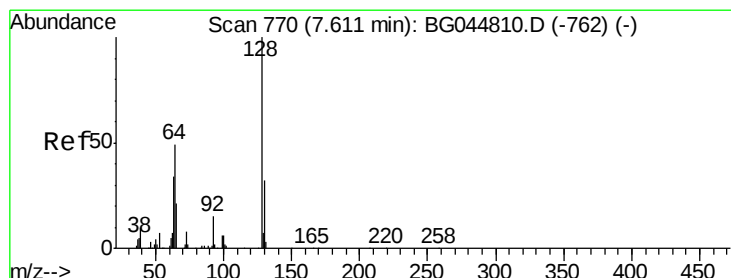
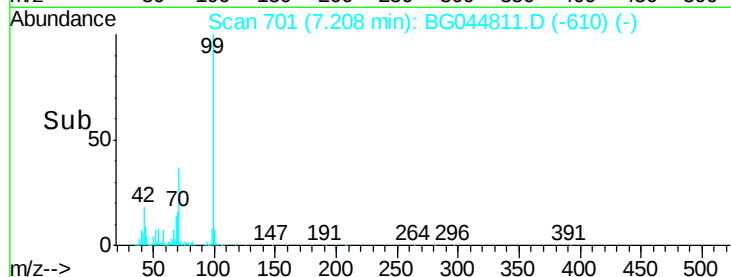
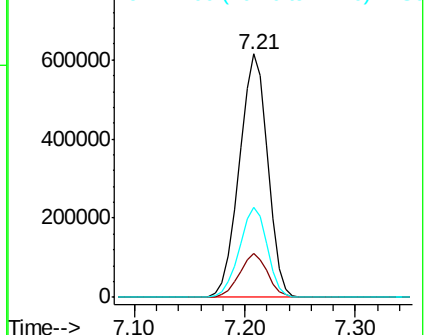


Abundance

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: 45.767 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

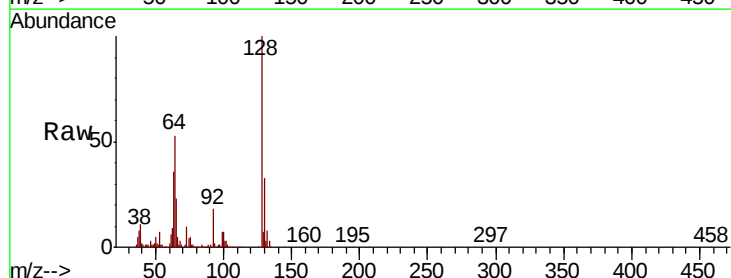
Tgt Ion:128 Resp: 298167

Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.6	51.6
64	53.4	34.5	74.5

128 100

130 33.3 11.6 51.6

64 53.4 34.5 74.5

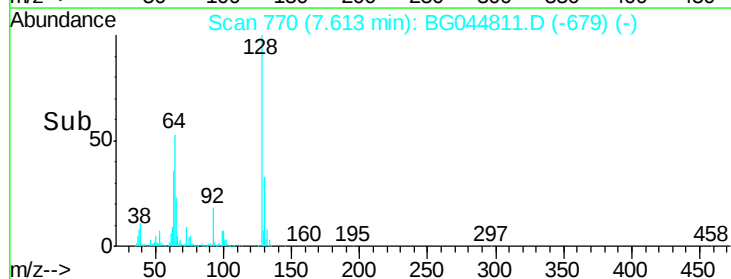
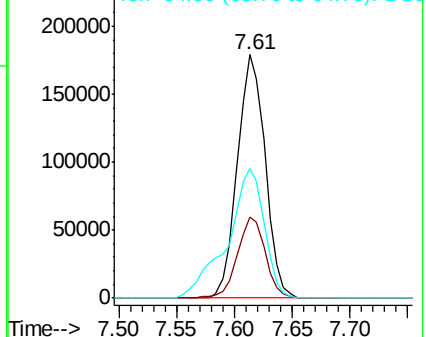


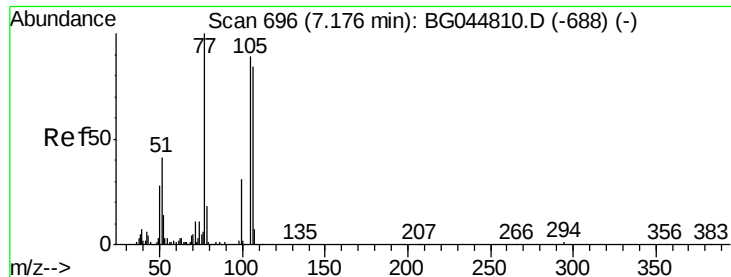
Abundance

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: 10.164 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampled :

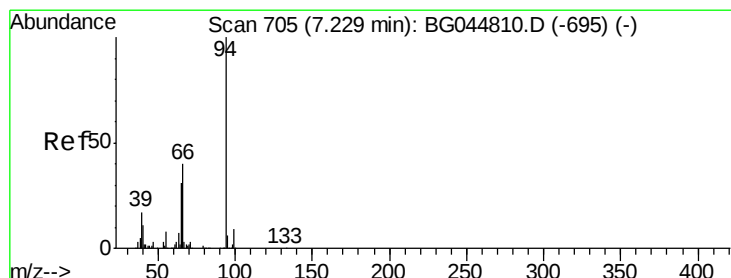
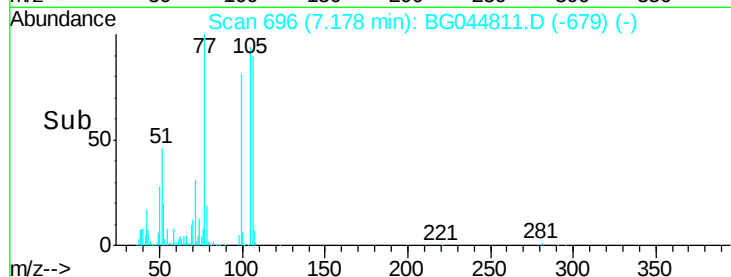
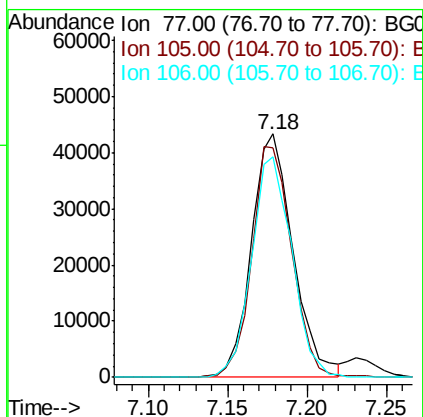
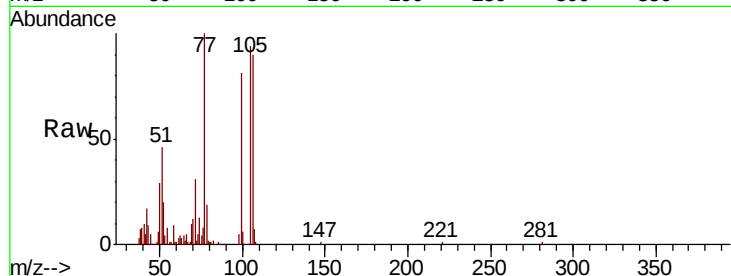
Tot Ion: 77 Resp: 79229

Ion Ratio Lower Upper

77 100

105 94.1 69.3 109.3

106 90.5 64.5 104.5



#10

Phenol

Concen: 43.256 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

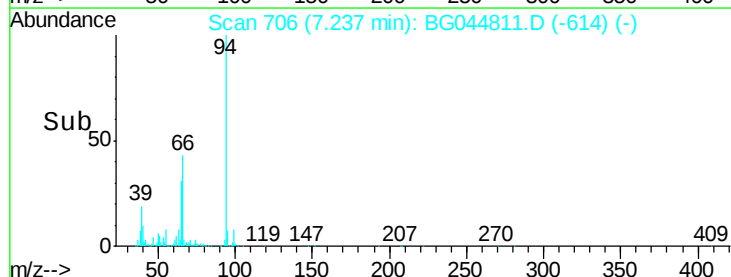
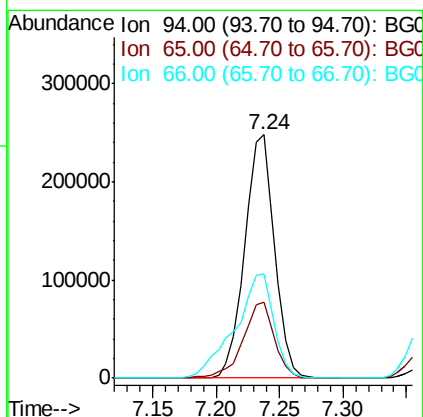
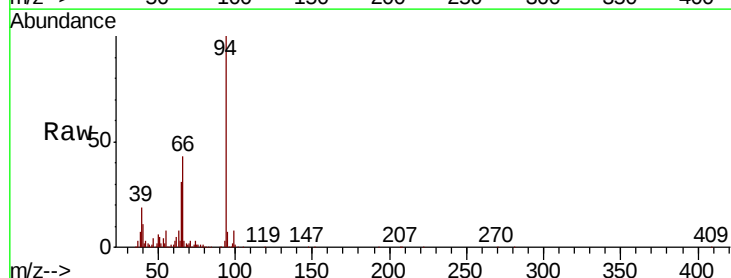
Tgt Ion: 94 Resp: 406068

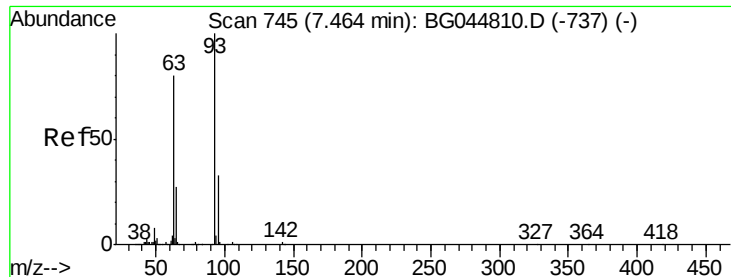
Ion Ratio Lower Upper

94 100

65 31.0 11.0 51.0

66 42.8 20.1 60.1

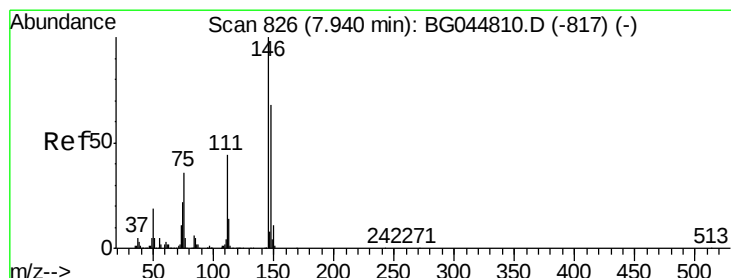
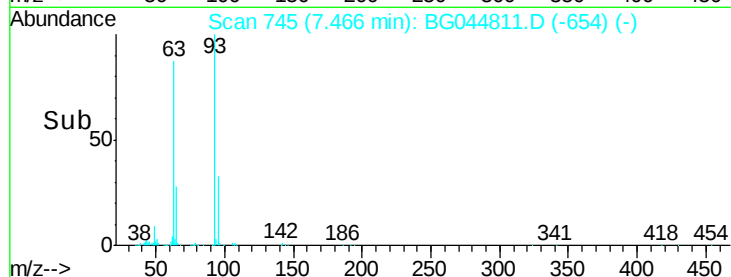
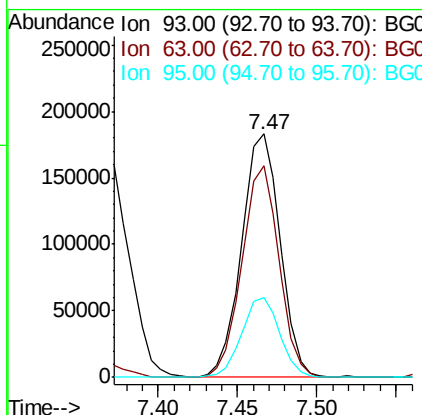
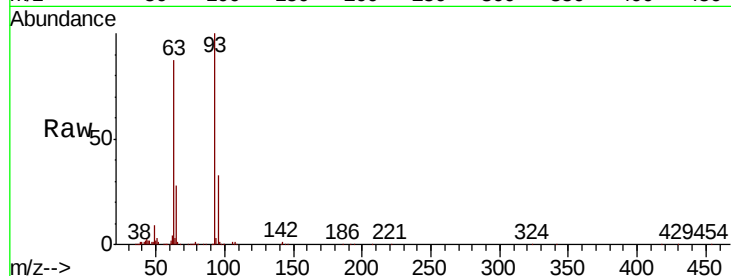




#11
bis(2-Chloroethyl)ether
Concen: 40.925 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

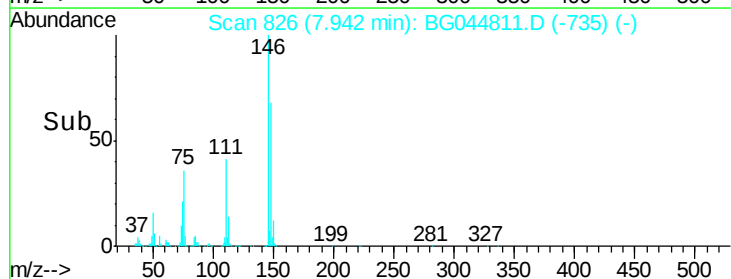
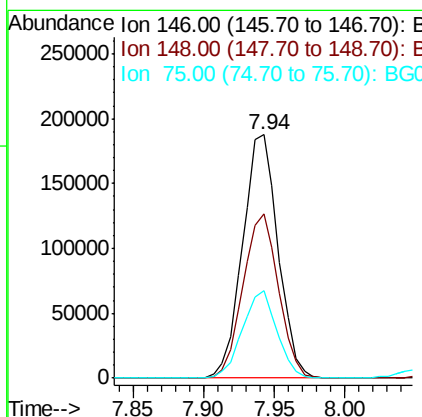
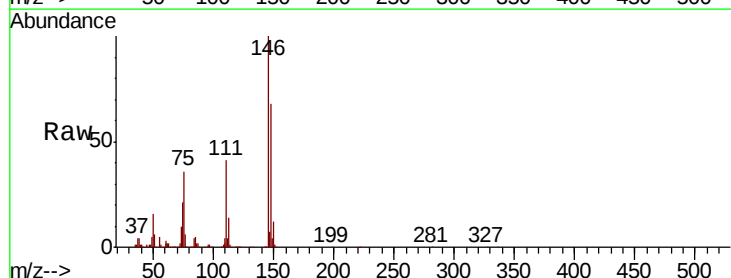
Instrument :
BNA_G
ClientSampled :

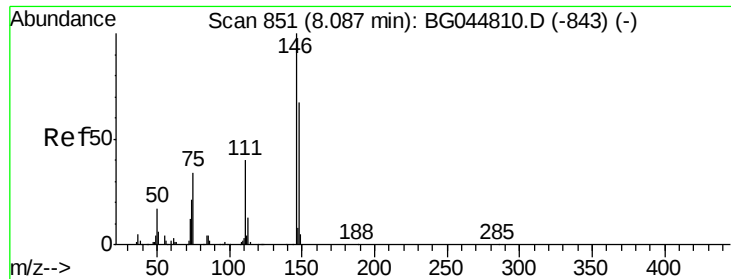
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.9	59.7	99.7
95	32.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 41.068 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	54.2	81.4
75	35.8	28.6	42.8

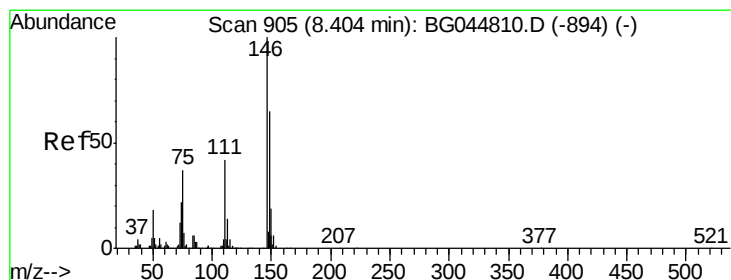
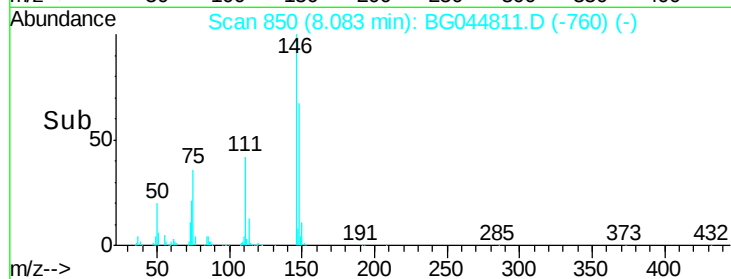
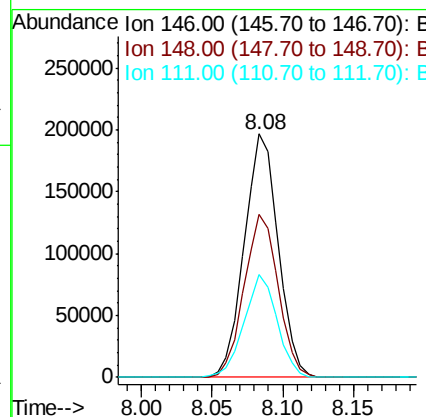
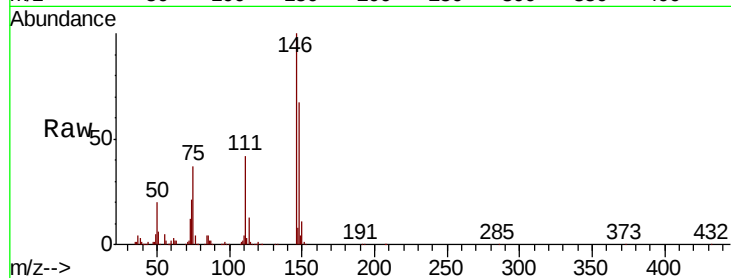




#13
 1,4-Dichlorobenzene
 Concen: 41.663 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

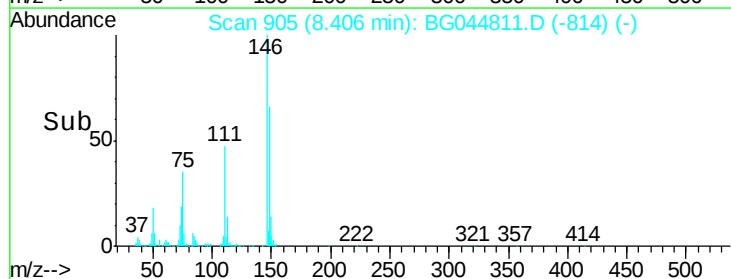
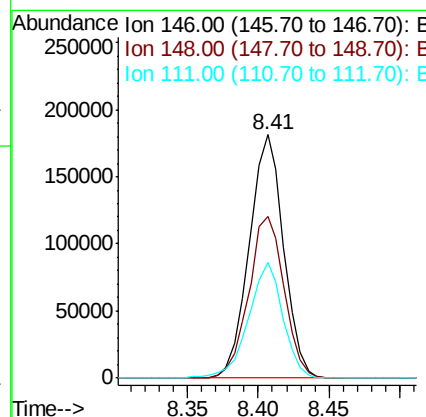
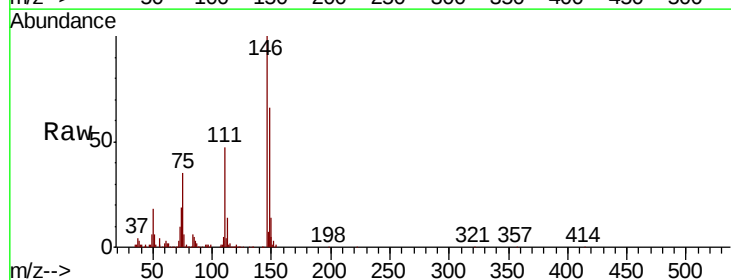
Instrument :
 BNA_G
 ClientSampleId :

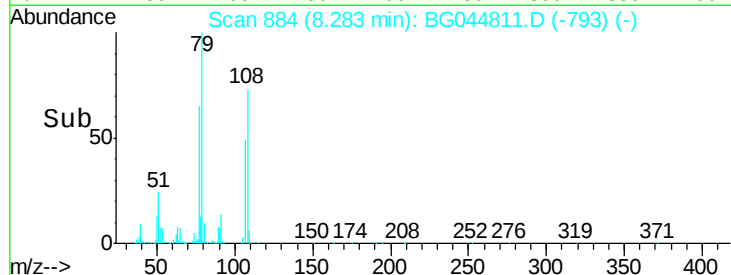
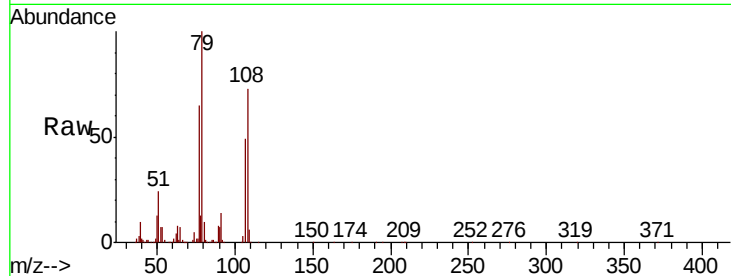
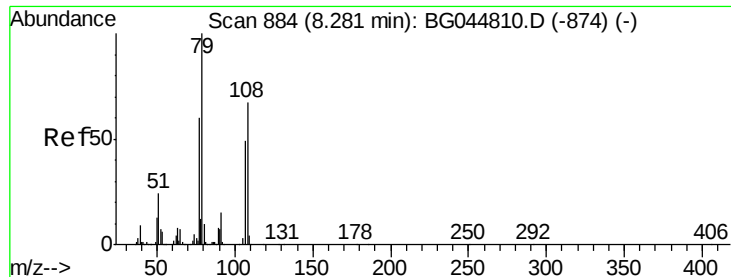
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.8	80.6
111	42.4	32.0	48.0



#14
 1,2-Dichlorobenzene
 Concen: 41.126 ng
 RT: 8.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.1	78.1
111	47.4	33.4	50.2





#15

Benzyl Alcohol

Concen: 41.873 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampled :

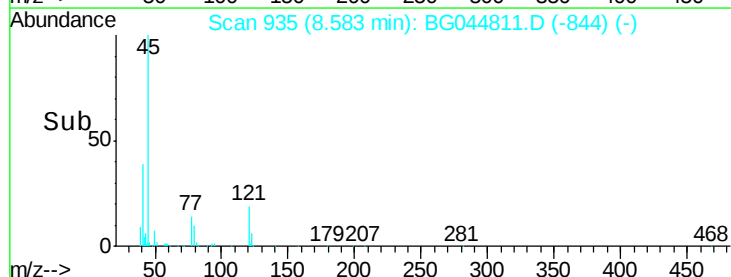
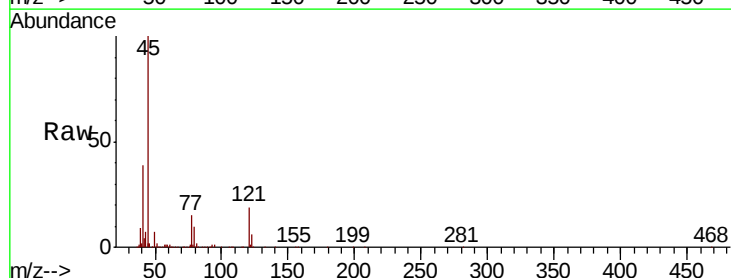
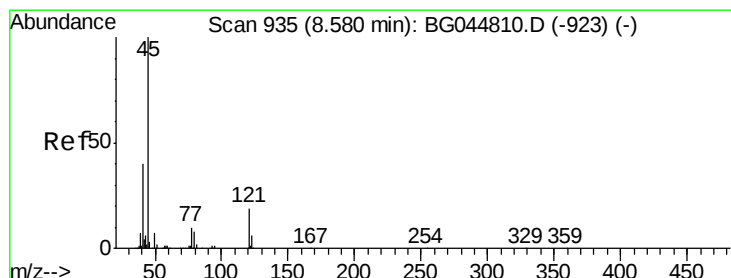
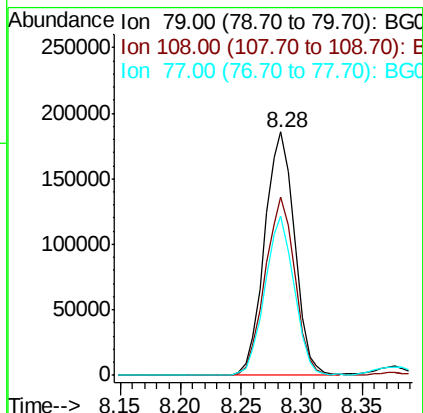
Tot Ion: 79 Resp: 318567

Ion Ratio Lower Upper

79 100

108 73.1 53.8 80.8

77 65.1 47.8 71.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.444 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

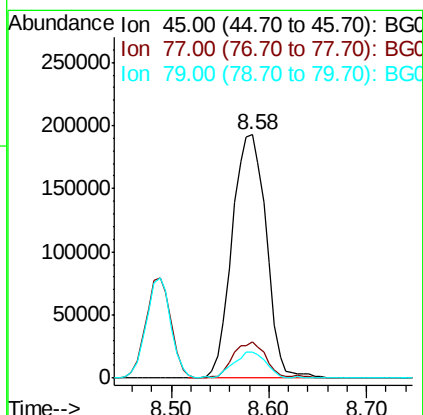
Tgt Ion: 45 Resp: 468632

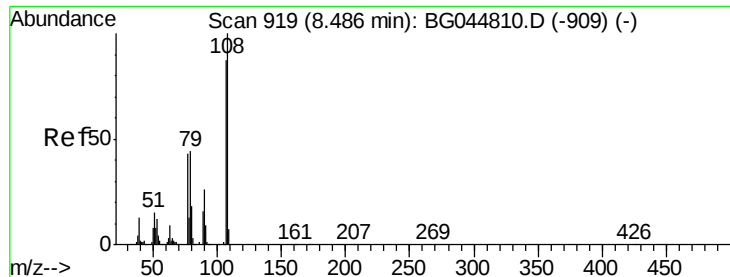
Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.9

79 10.4 0.0 30.8





#17

2-Methylphenol

Concen: 43.963 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 279558

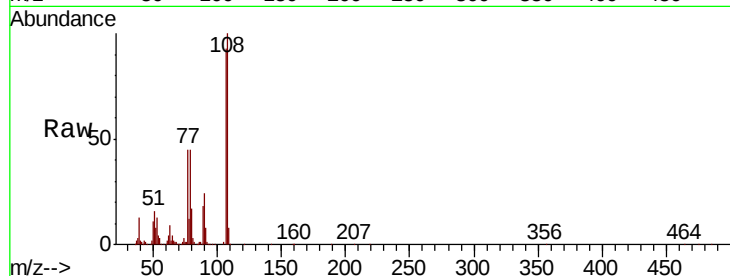
Ion Ratio Lower Upper

107 100

108 107.3 91.8 137.8

77 48.1 40.0 60.0

79 47.8 40.2 60.2

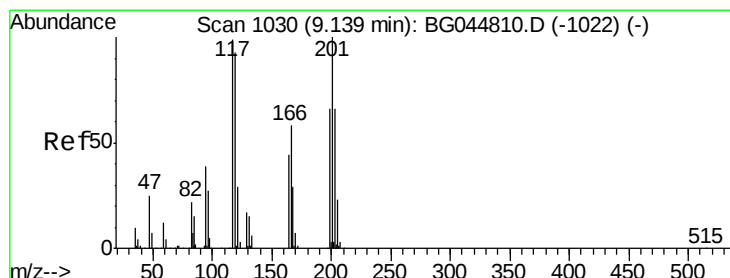
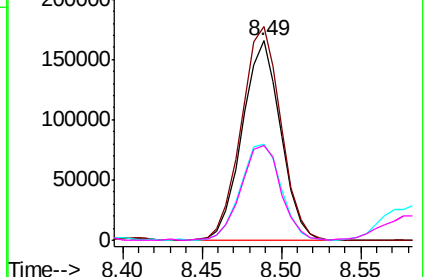
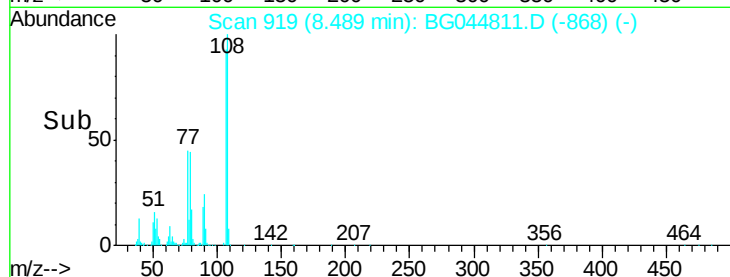


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.609 ng

RT: 9.14 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

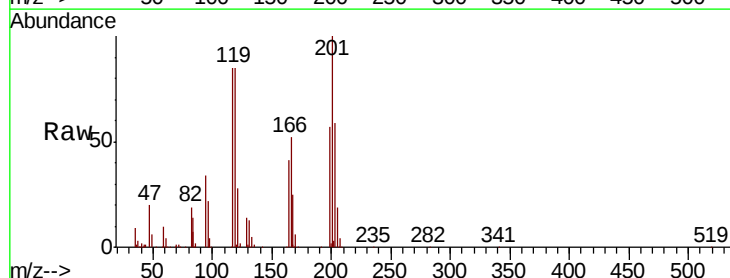
Tgt Ion:117 Resp: 129972

Ion Ratio Lower Upper

117 100

119 99.5 75.2 112.8

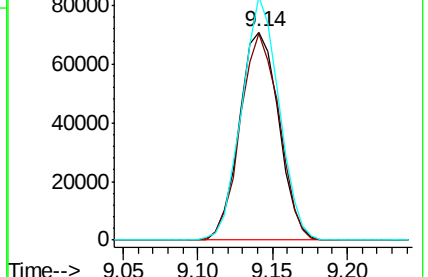
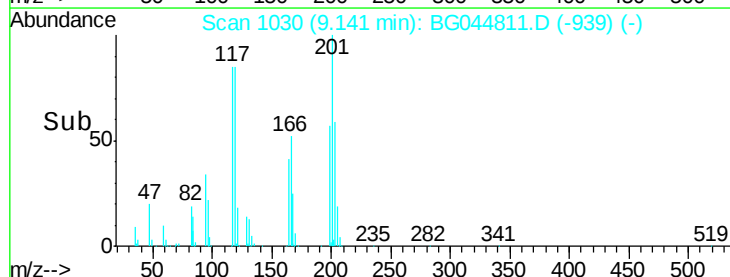
201 117.0 81.1 121.7

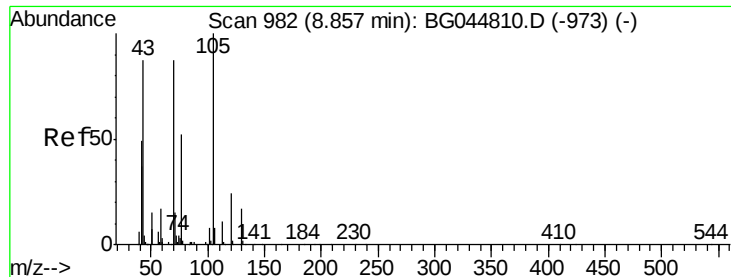


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

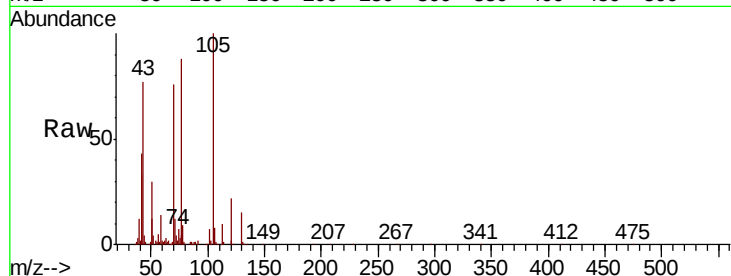




#19
n-Nitroso-di-n-propylamine
Concen: 38.215 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	45.7	68.5
101	9.7	7.4	11.2
130	19.7	15.9	23.9



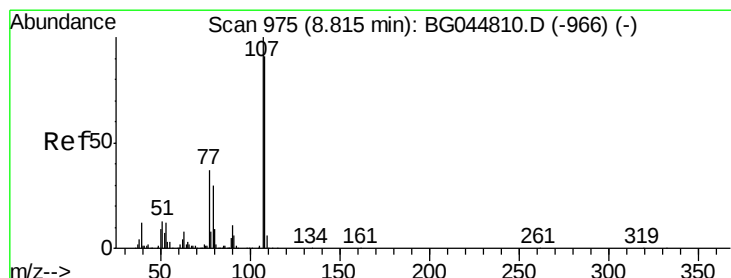
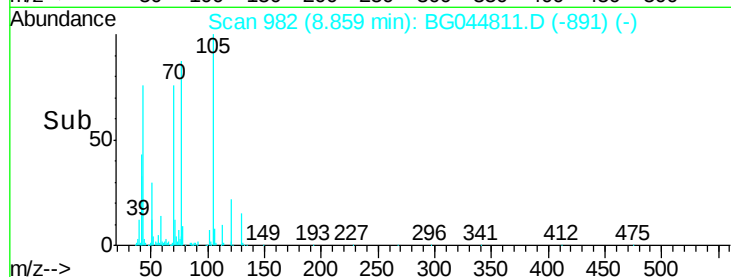
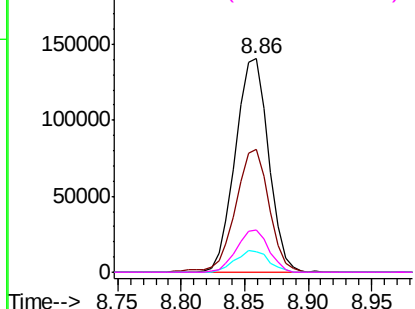
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

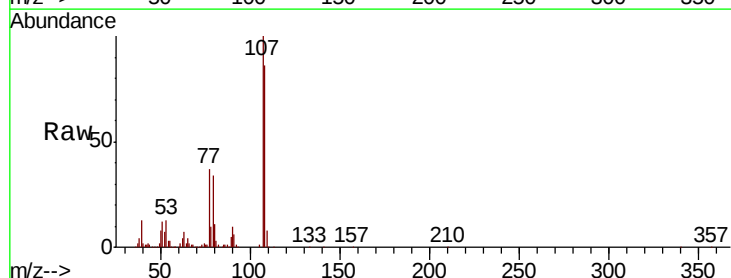
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.544 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	71.3	111.3
77	36.6	16.9	56.9
79	34.4	9.7	49.7



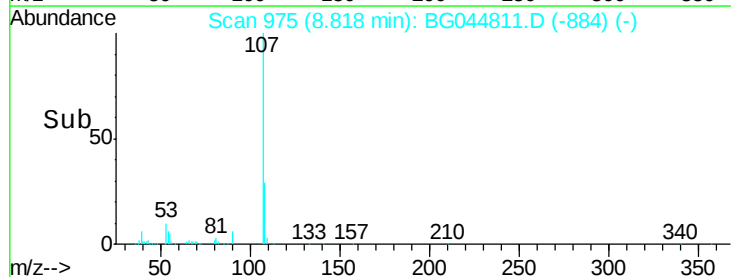
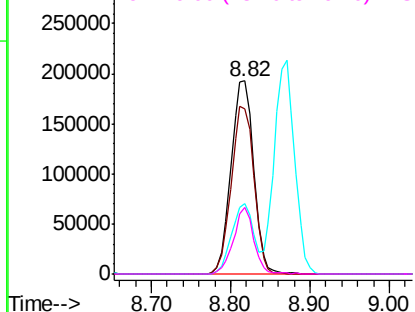
Abundance

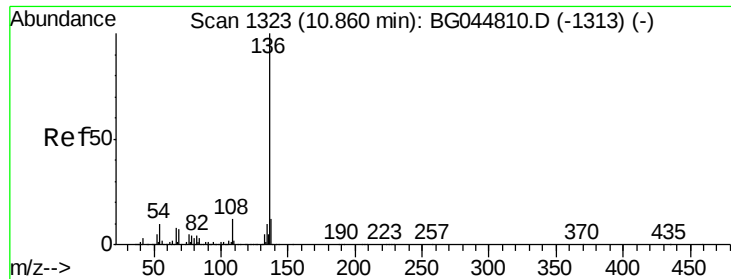
Ion 107.00 (106.70 to 107.70): BGC

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

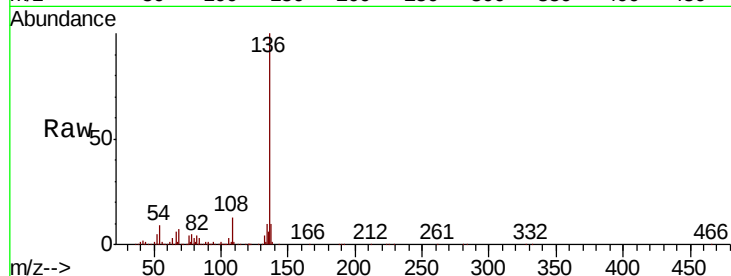




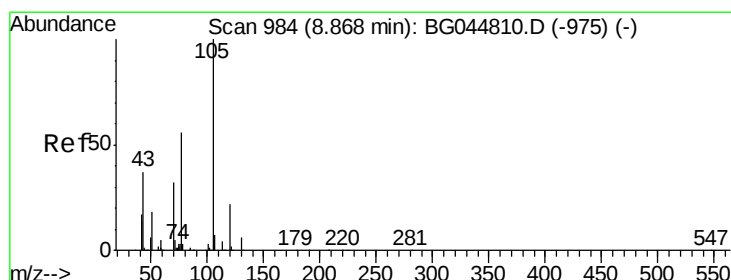
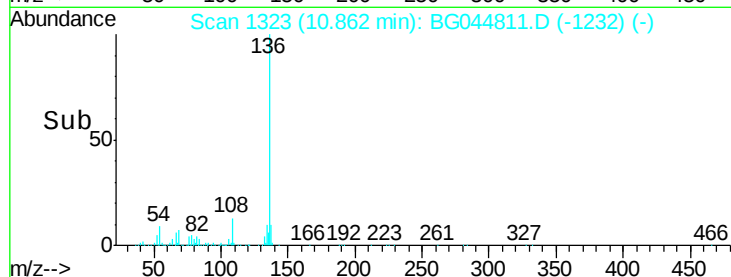
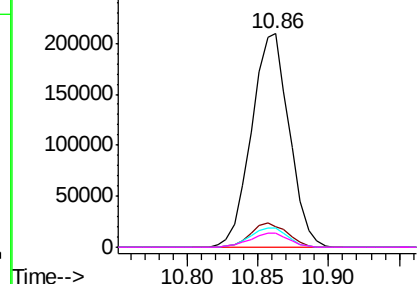
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	392585
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.8 14.6#
54	9.2	7.9 11.9
68	6.7	5.4 8.0

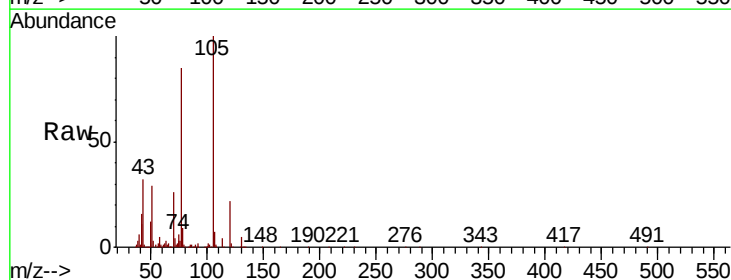


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

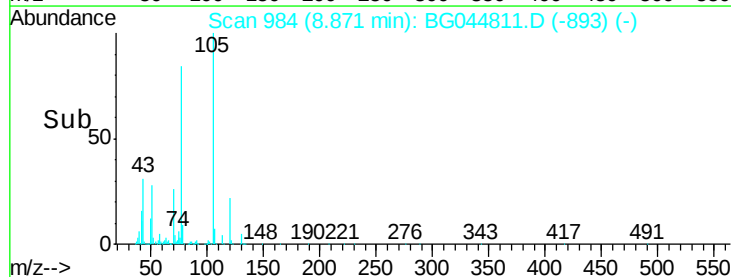
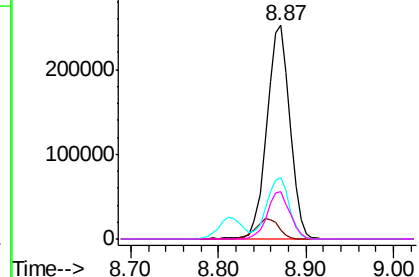


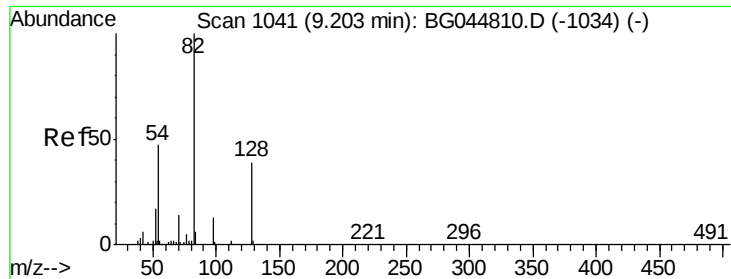
#22
Acetophenone
Concen: 41.260 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:105	Resp:	458896
Ion Ratio	Lower	Upper
105	100	
71	4.2	3.9 5.9
51	28.6	22.6 33.8
120	21.9	17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

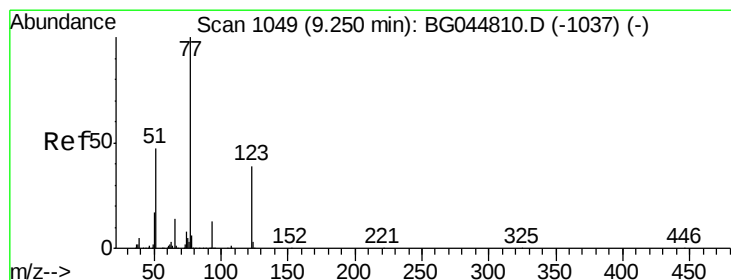
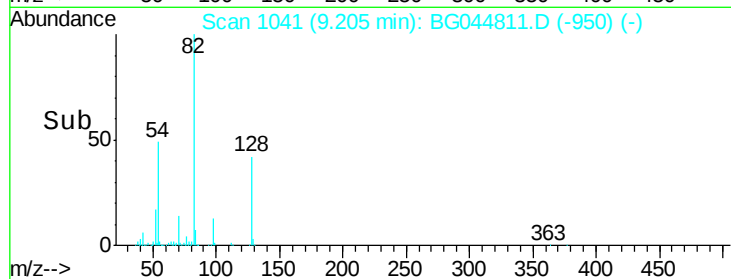
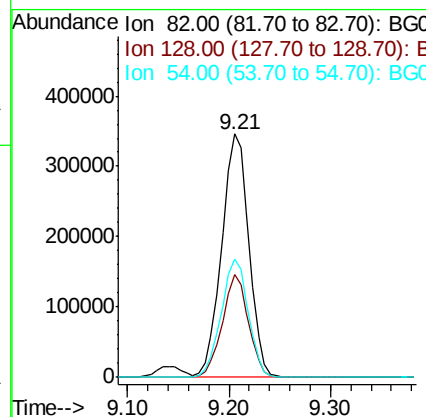
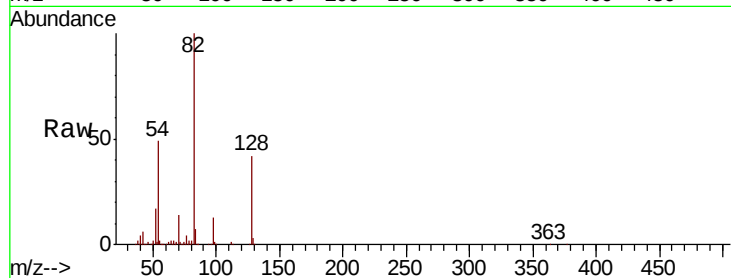




#23
 Nitrobenzene-d5
 Concen: 71.836 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

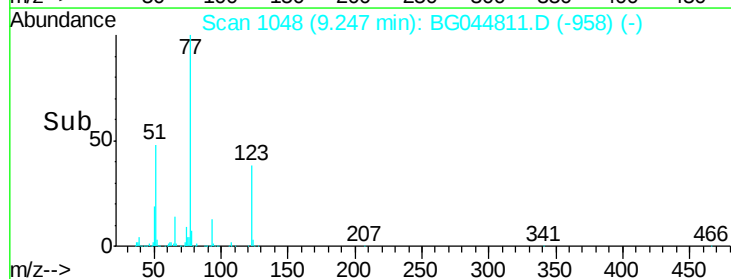
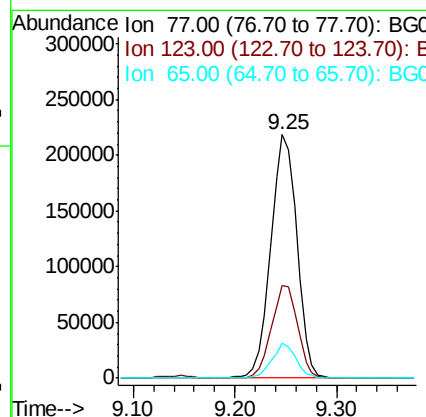
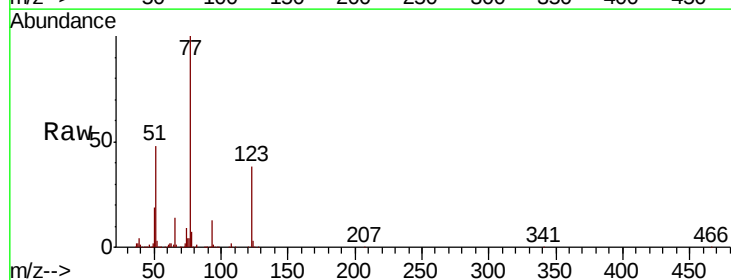
Instrument :
 BNA_G
 ClientSampleId :

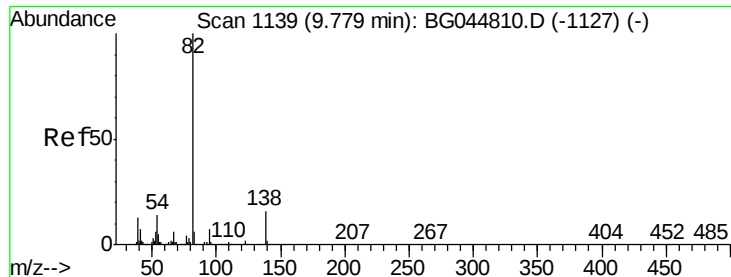
Tot Ion	82	Resp	642685
Ion Ratio	Lower	Upper	
82	100		
128	42.2	30.6	46.0
54	48.6	37.1	55.7



#24
 Nitrobenzene
 Concen: 42.287 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	77	Resp	392555
Ion Ratio	Lower	Upper	
77	100		
123	38.1	31.3	46.9
65	14.2	11.4	17.0





#25

Isophorone

Concen: 40.646 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

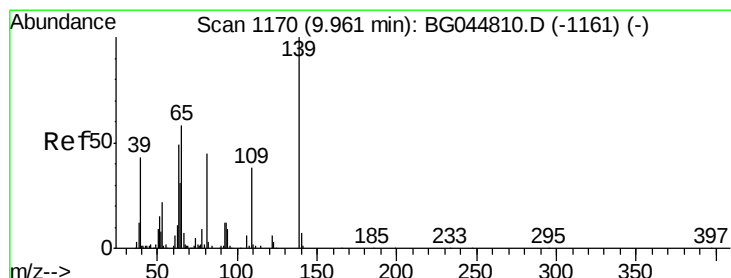
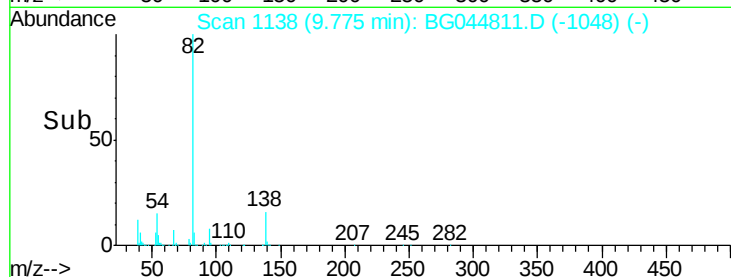
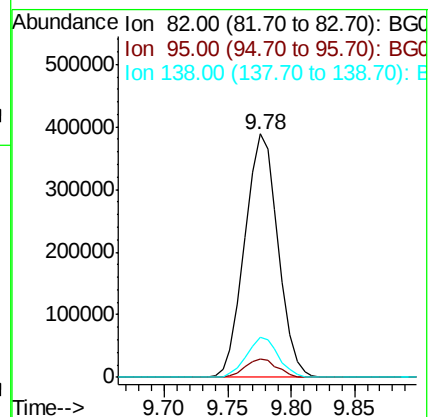
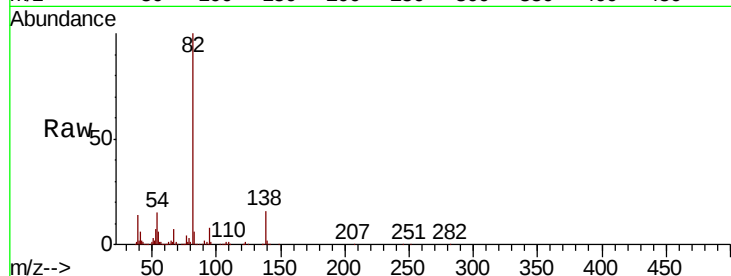
Tot Ion: 82 Resp: 709715

Ion Ratio Lower Upper

82 100

95 7.7 5.5 8.3

138 16.3 12.5 18.7



#26

2-Nitrophenol

Concen: 51.536 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

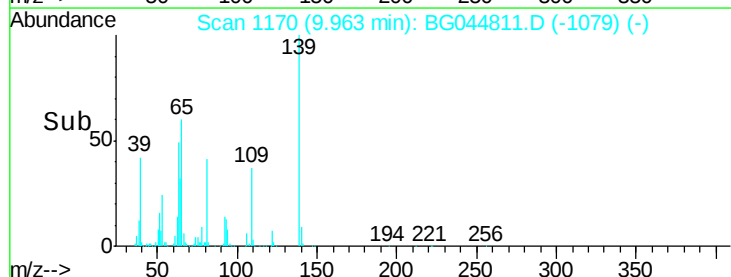
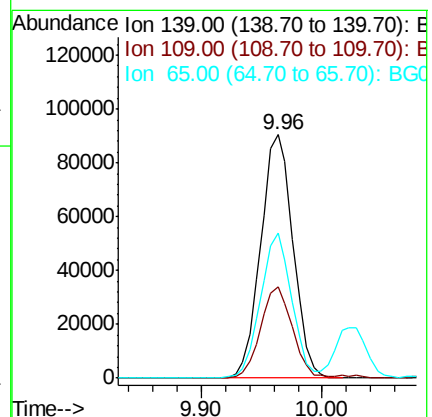
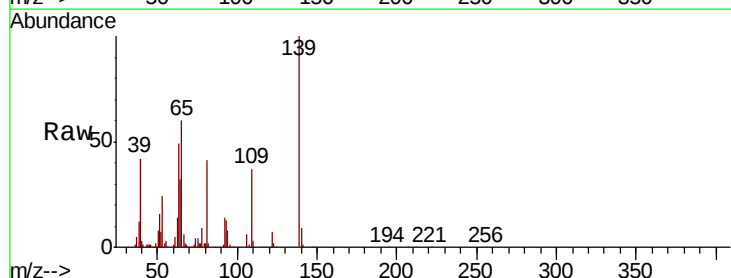
Tgt Ion: 139 Resp: 167567

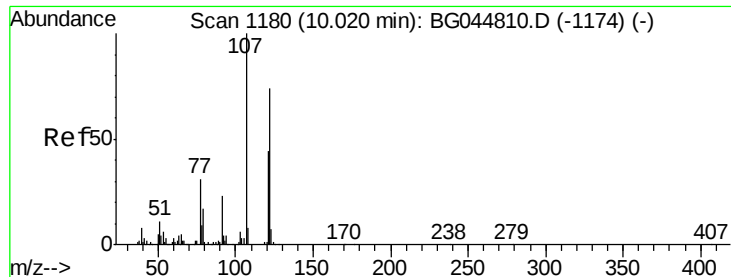
Ion Ratio Lower Upper

139 100

109 37.4 30.2 45.4

65 59.7 46.3 69.5

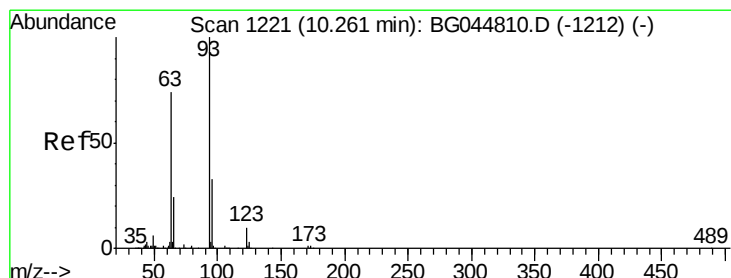
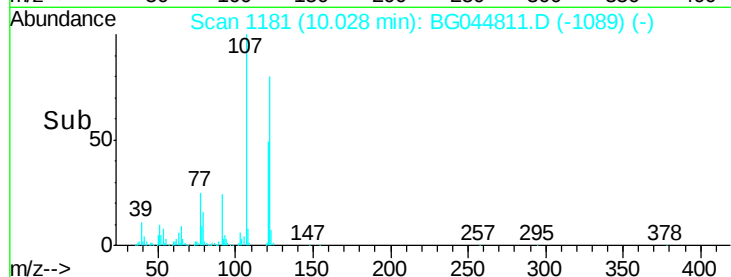
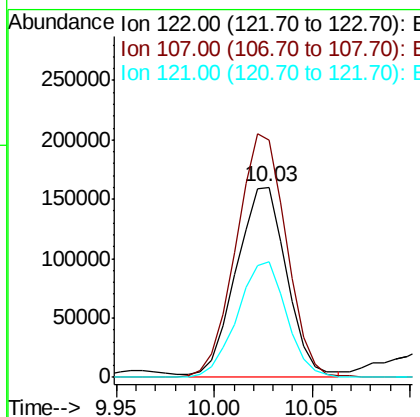
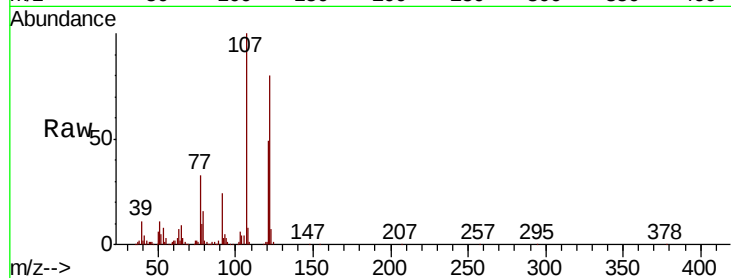




#27
2,4-Dimethylphenol
Concen: 50.196 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

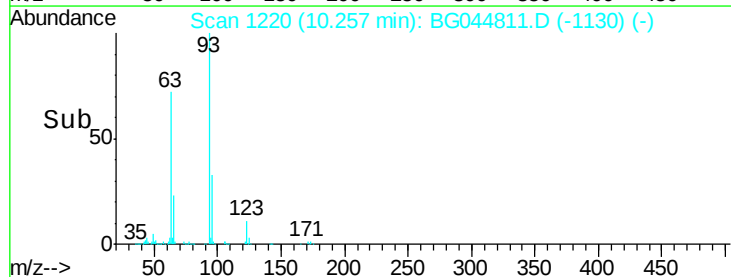
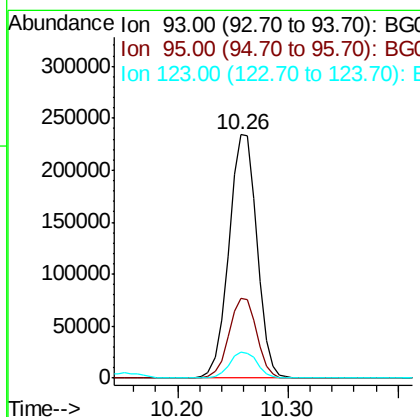
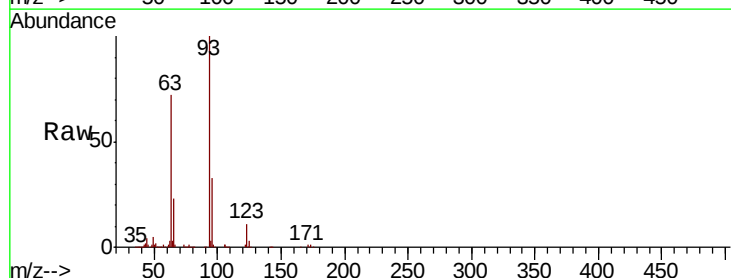
Instrument :
BNA_G
ClientSampleId :

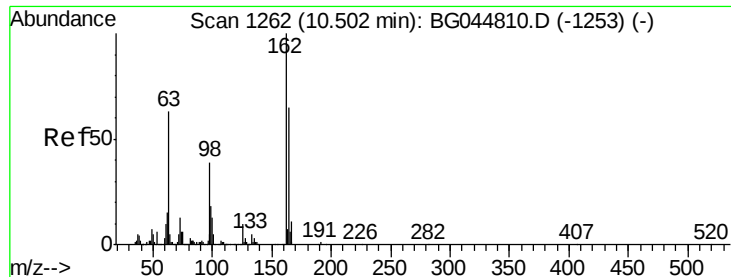
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.5	107.1	160.7
121	61.0	46.8	70.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.985 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	10.9	8.4	12.6

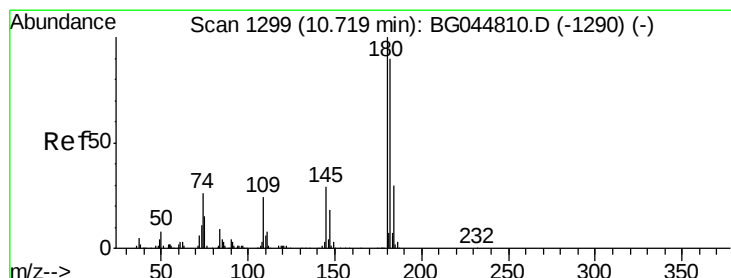
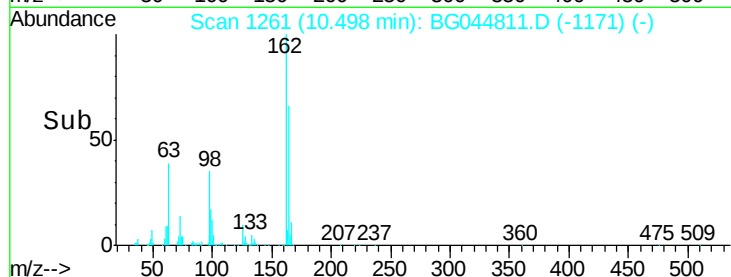
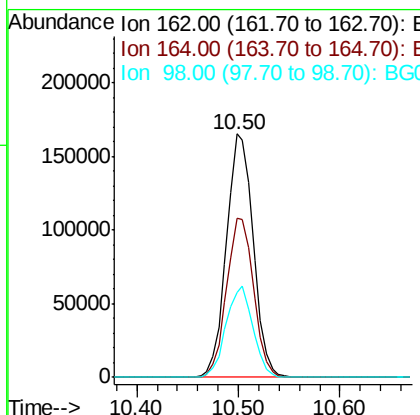
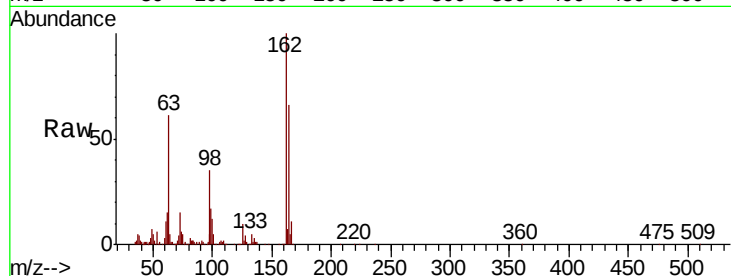




#29
 2,4-Dichlorophenol
 Concen: 45.594 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

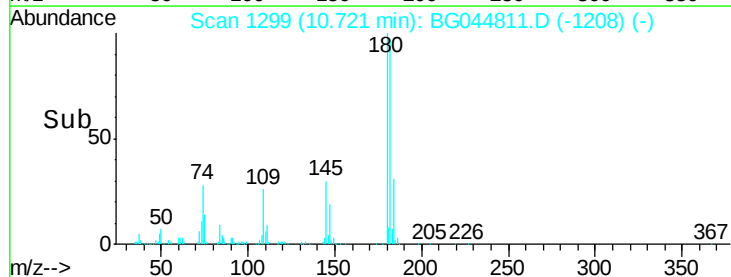
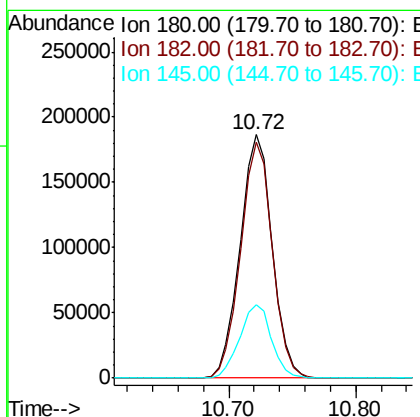
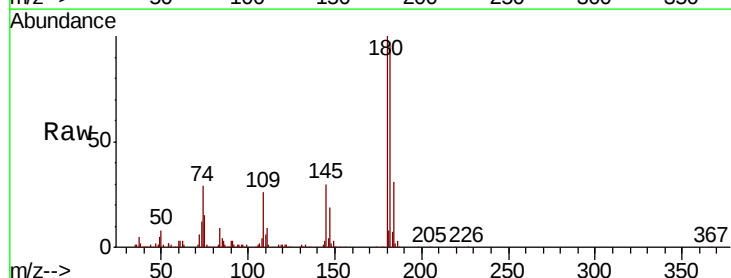
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.2	85.2
98	34.9	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.271 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	71.6	107.4
145	29.9	23.4	35.0

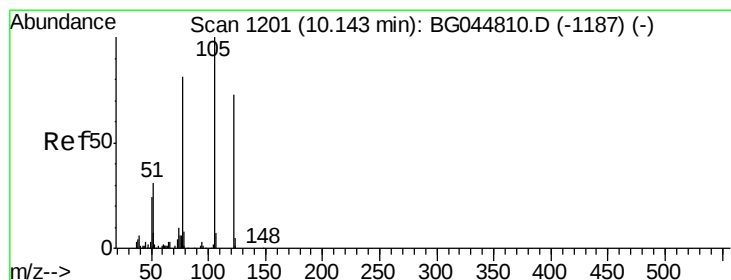
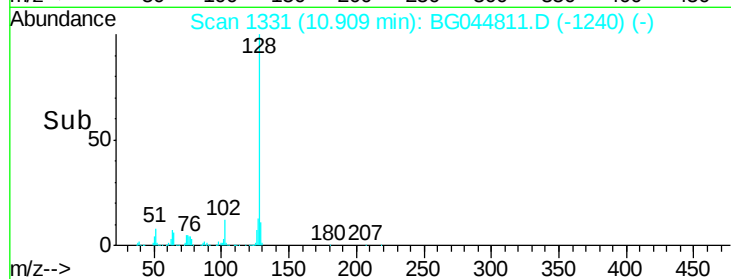
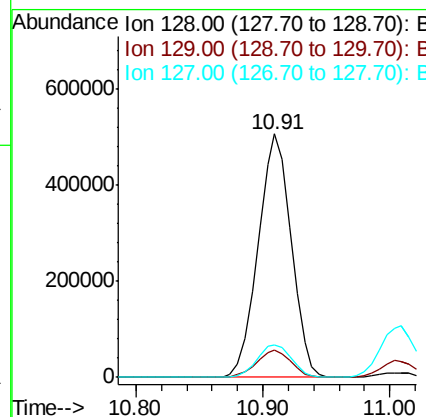
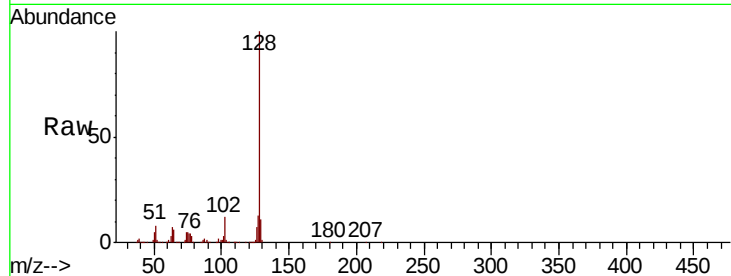




#31
Naphthalene
Concen: 42.272 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

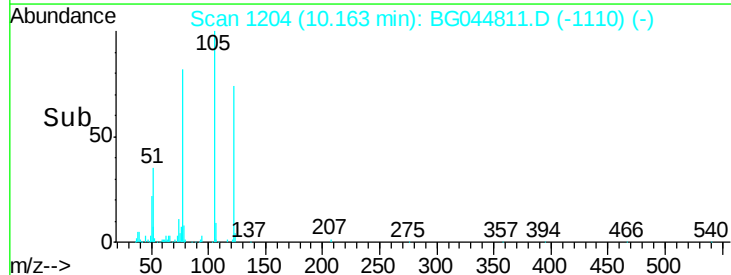
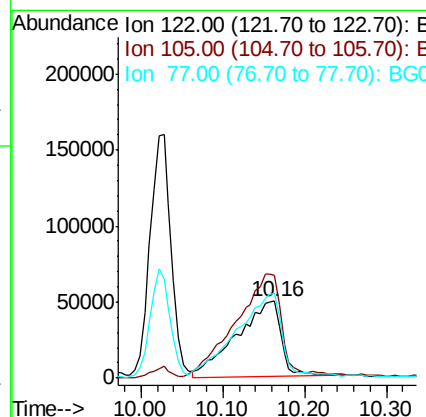
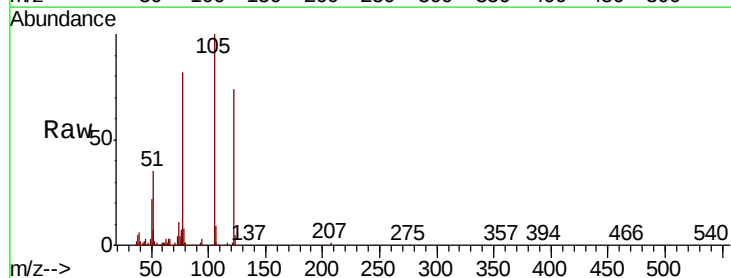
Instrument :
BNA_G
ClientSampleId :

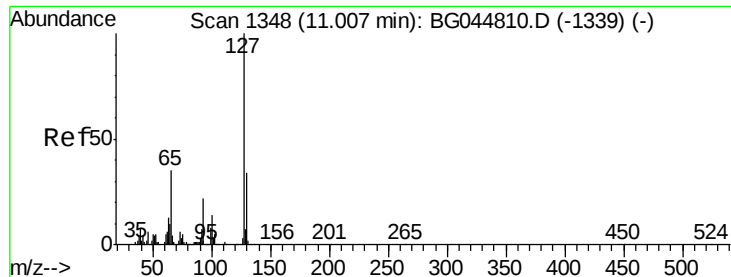
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.8	16.2



#32
Benzoic acid
Concen: 43.474 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	109.1	149.1
77	109.9	85.3	125.3

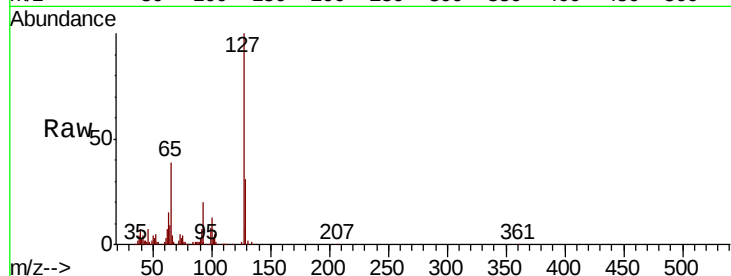




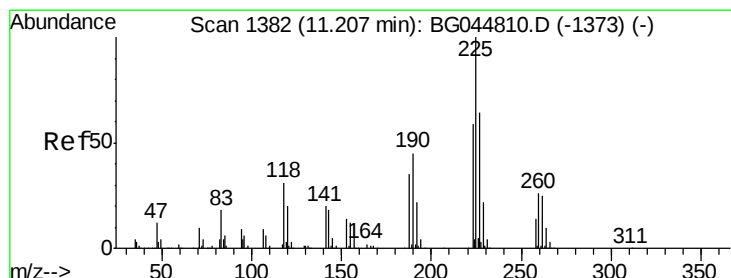
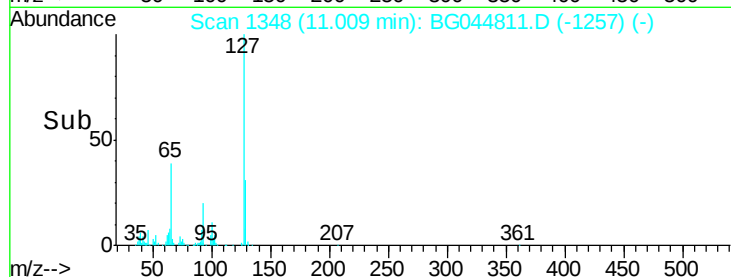
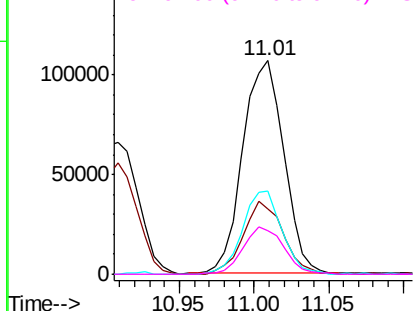
#33
4-Chloroaniline
Concen: 20.780 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	203601
Ion Ratio	Lower	Upper
127	100	
129	30.9	26.9 40.3
65	38.7	27.7 41.5
92	20.3	17.4 26.2

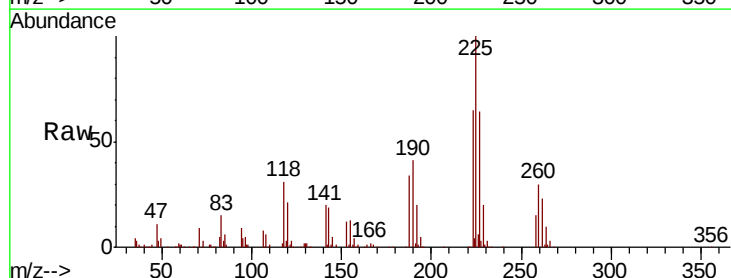


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

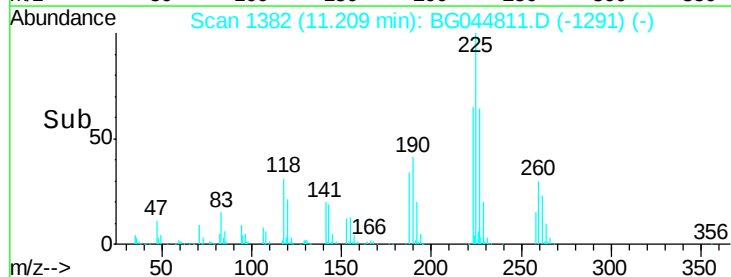
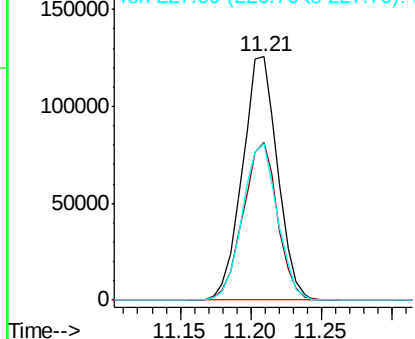


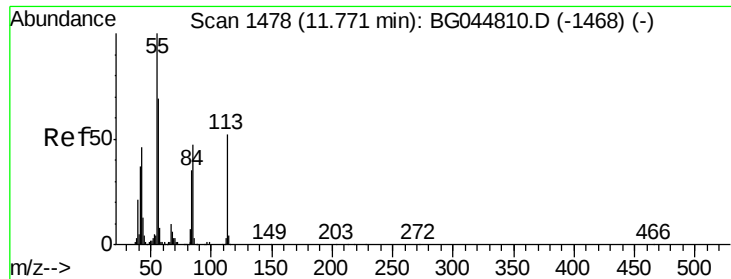
#34
Hexachlorobutadiene
Concen: 41.903 ng
RT: 11.21 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:225	Resp:	218837
Ion Ratio	Lower	Upper
225	100	
223	64.7	47.4 71.0
227	64.4	50.8 76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

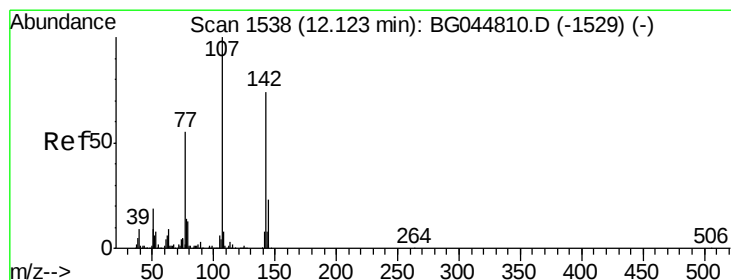
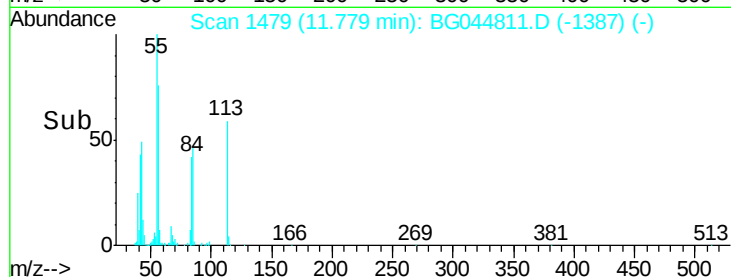
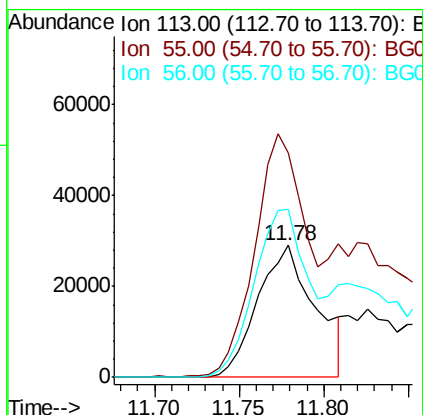
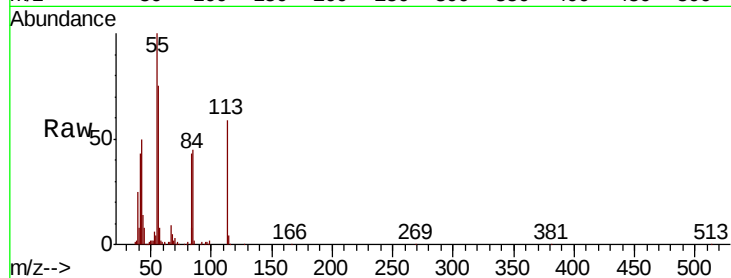




#35
 Caprolactam
 Concen: 27.237 ng
 RT: 11.78 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

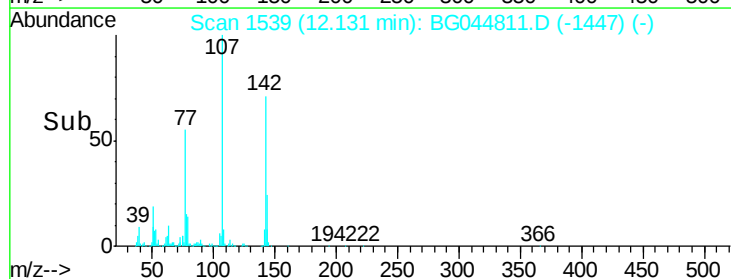
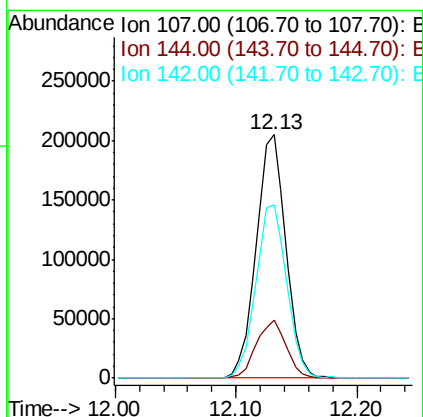
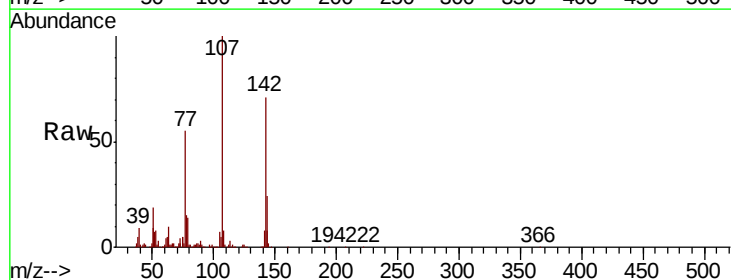
Instrument :
 BNA_G
 ClientSampled :

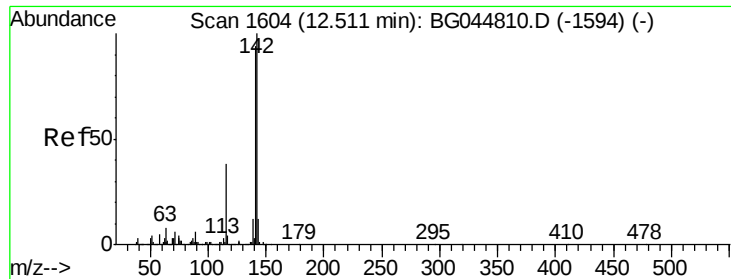
Tot Ion:113 Resp: 68491
 Ion Ratio Lower Upper
 113 100
 55 169.5 173.8 213.8#
 56 127.6 113.8 153.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.350 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion:107 Resp: 351297
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.0 27.0
 142 71.2 59.0 88.4

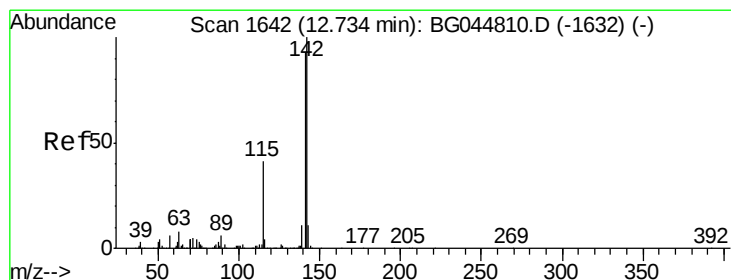
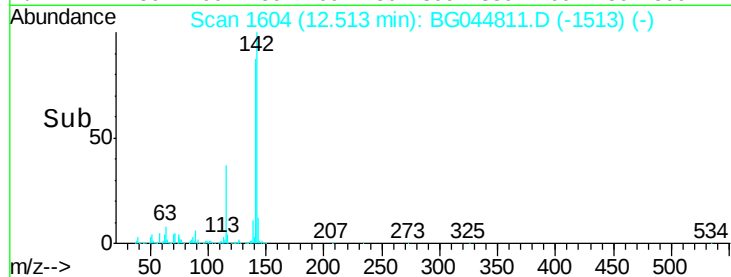
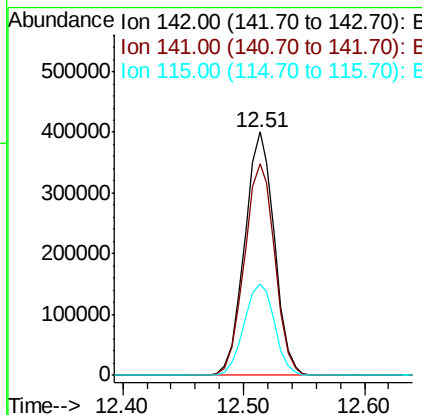
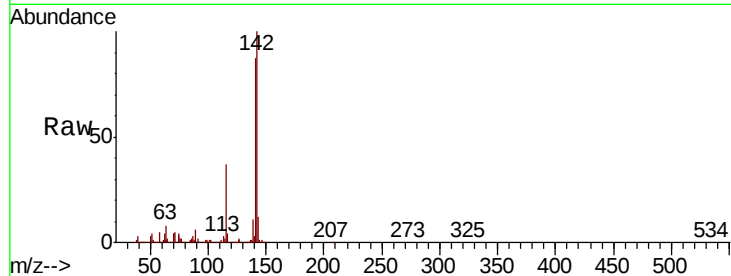




#37
2-Methylnaphthalene
Concen: 41.995 ng
RT: 12.51 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

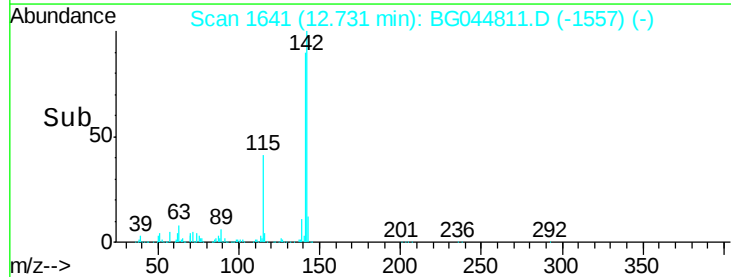
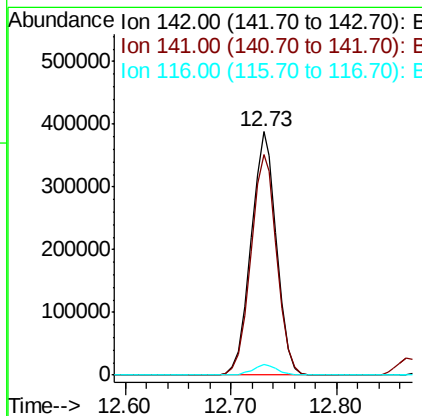
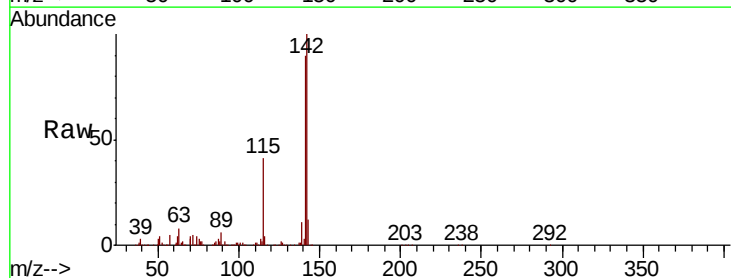
Instrument :
BNA_G
ClientSampleId :

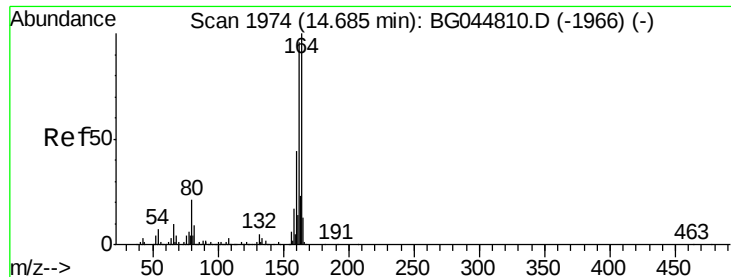
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	75.1	112.7
115	37.5	30.6	46.0



#38
1-Methylnaphthalene
Concen: 42.351 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.7	112.1
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

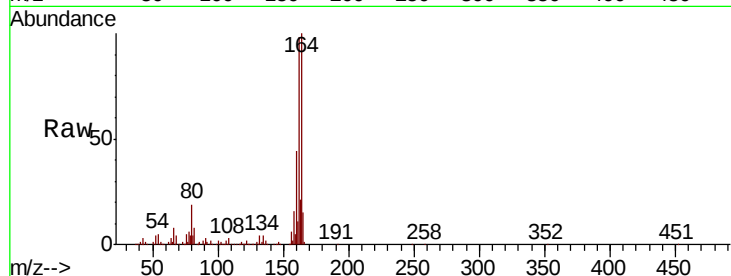
Tot Ion:164 Resp: 270820

Ion Ratio Lower Upper

164 100

162 97.8 76.7 115.1

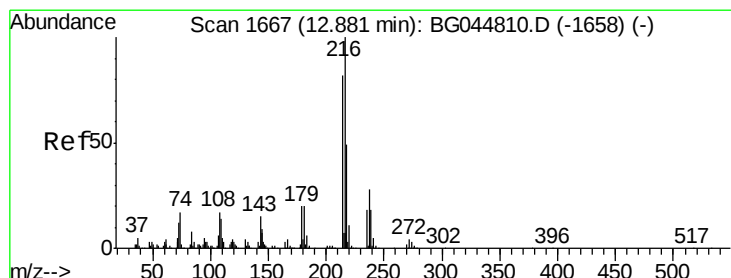
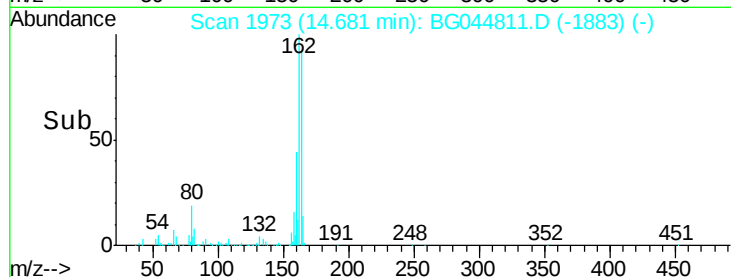
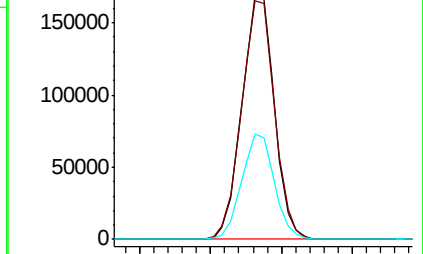
160 43.5 35.0 52.4



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: 40.663 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:216 Resp: 362674

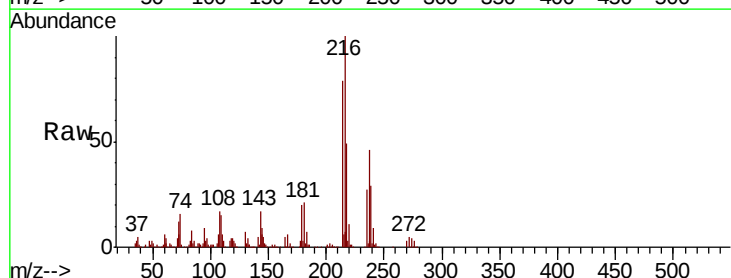
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 20.0 16.2 24.2

108 18.7 14.6 22.0

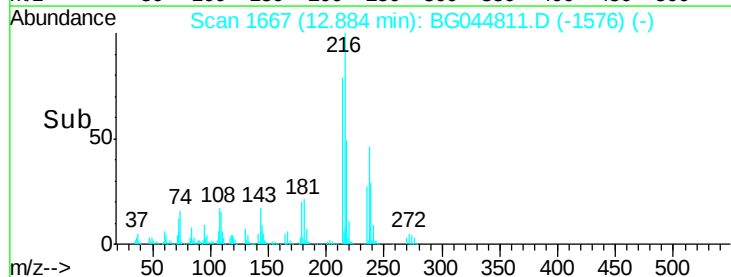
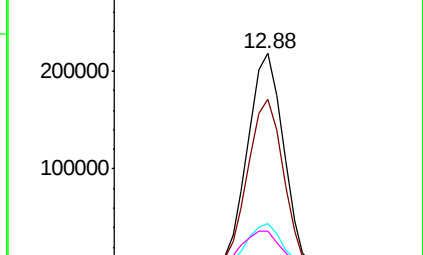


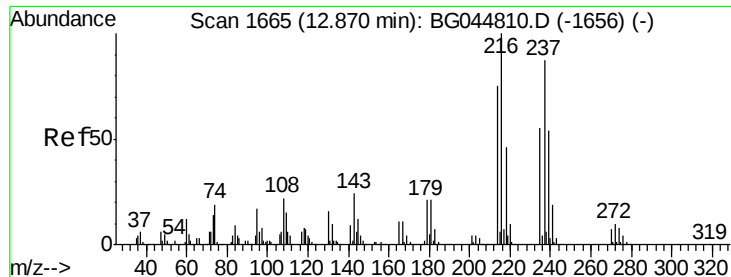
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.073 ng

RT: 12.87 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

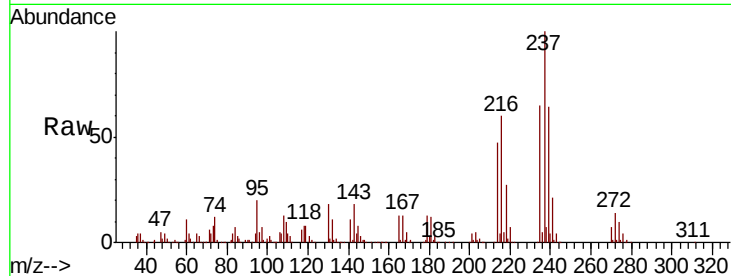
Tot Ion:237 Resp: 375671

Ion Ratio Lower Upper

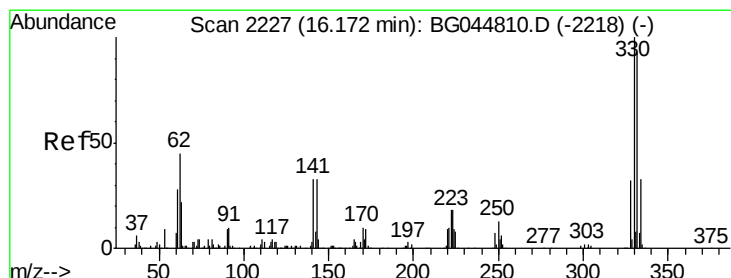
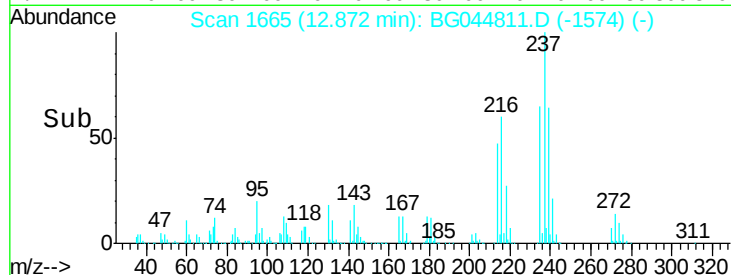
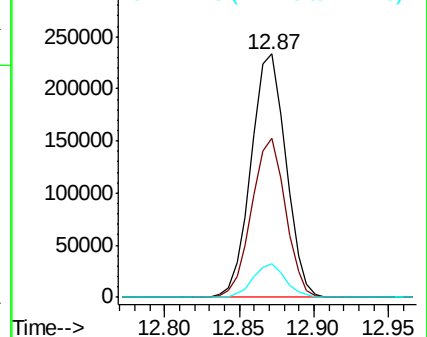
237 100

235 65.4 42.9 82.9

272 14.0 0.0 31.6



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: 137.331 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

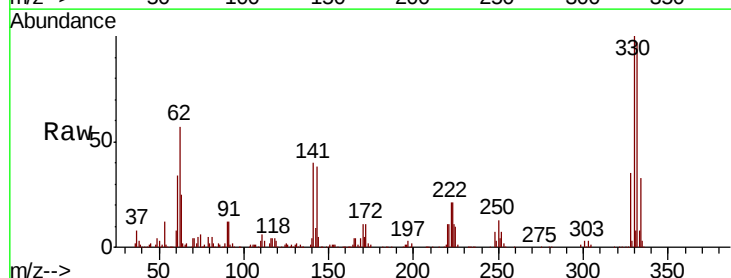
Tgt Ion:330 Resp: 486972

Ion Ratio Lower Upper

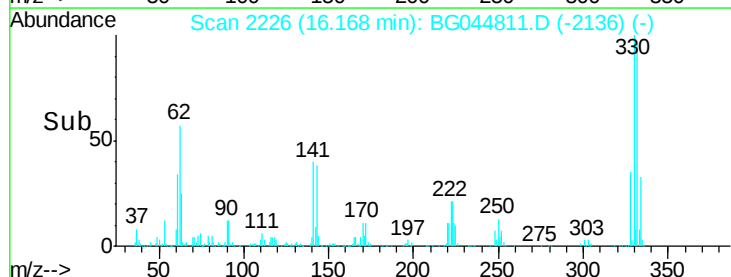
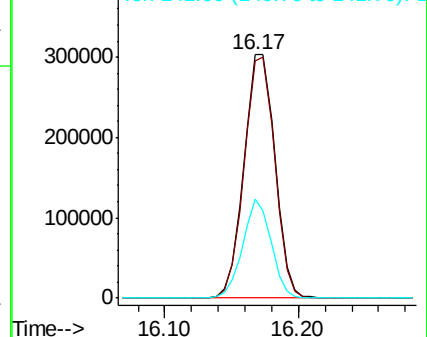
330 100

332 97.5 77.8 116.6

141 37.4 29.5 44.3



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

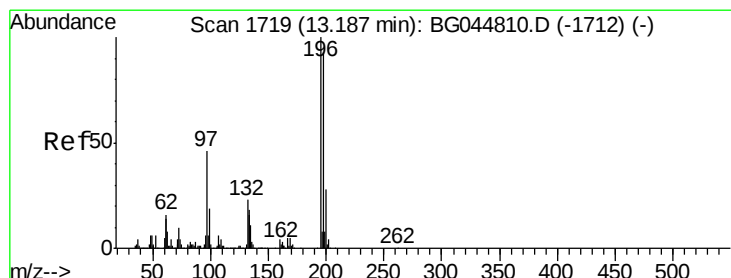
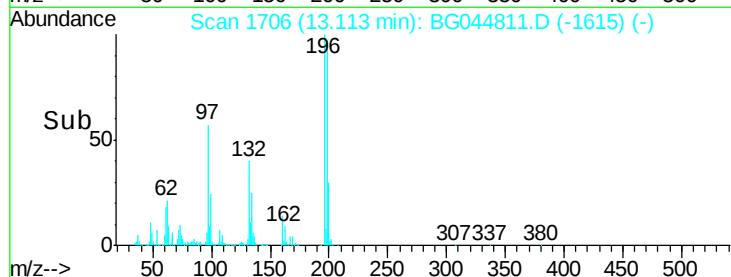
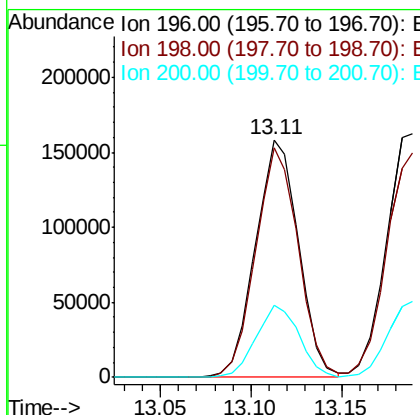
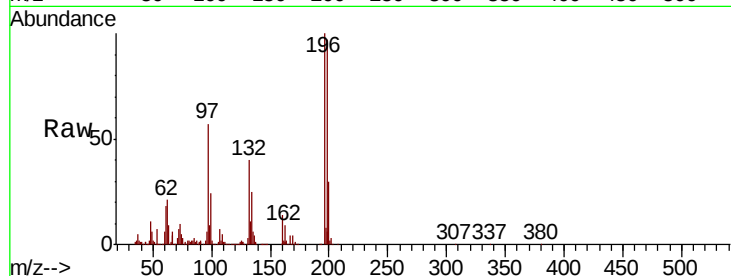




#43
 2,4,6-Trichlorophenol
 Concen: 44.103 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

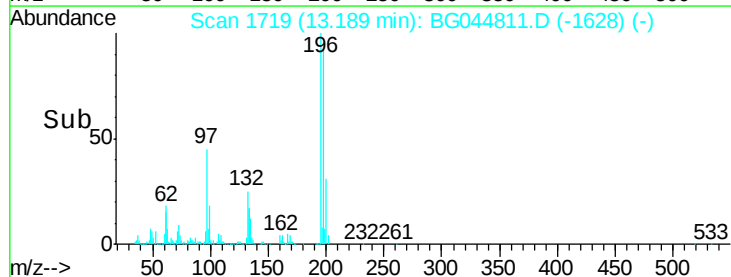
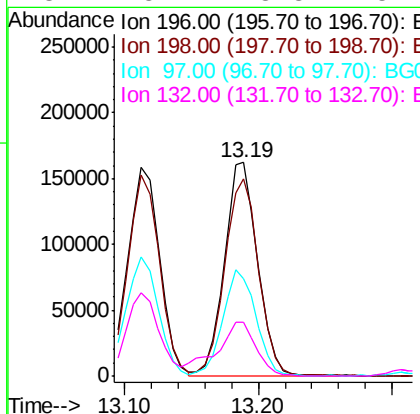
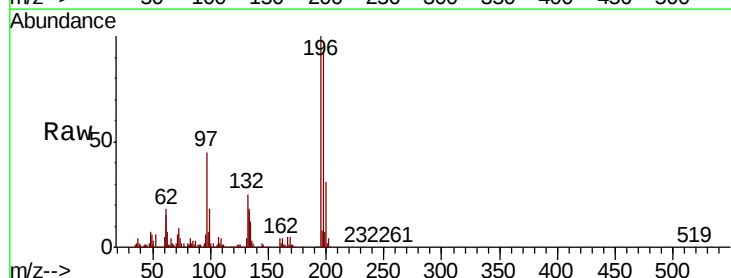
Instrument :
 BNA_G
 ClientSampleId :

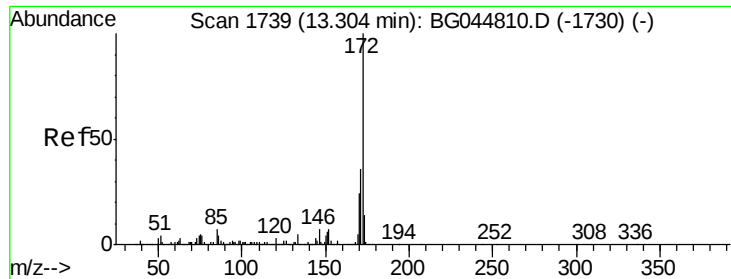
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.9	112.3
200	30.3	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.636 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.2	111.4
97	45.5	36.7	55.1
132	25.2	18.8	28.2

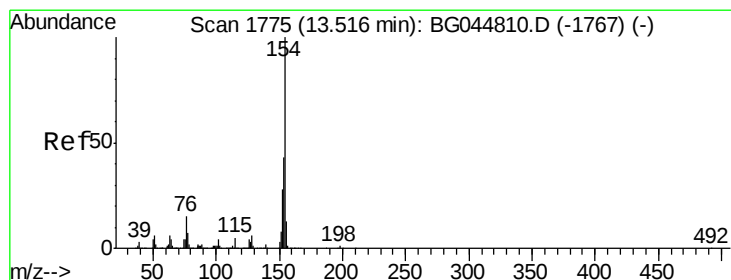
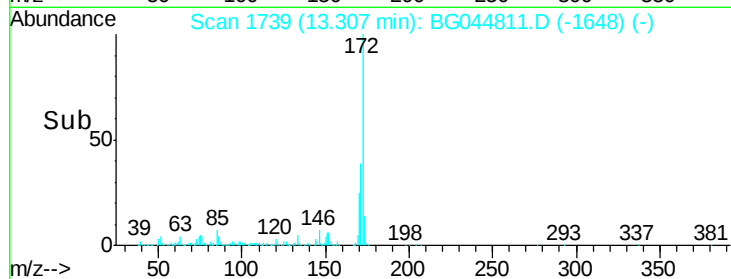
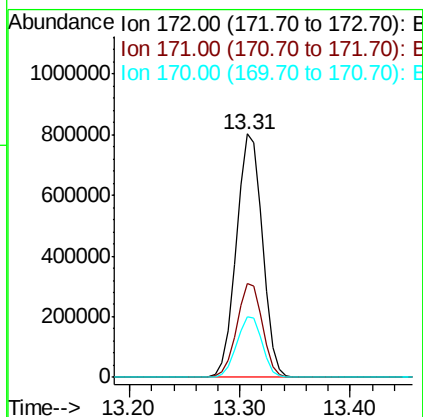
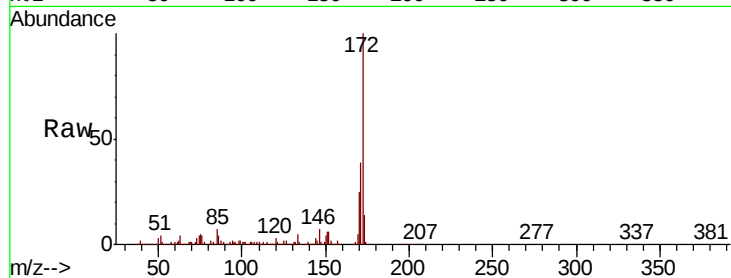




#45
2-Fluorobiphenyl
Concen: 70.321 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

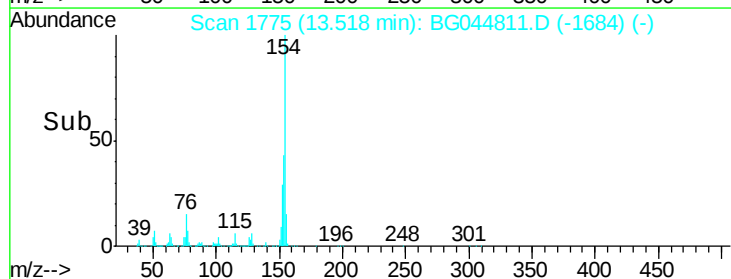
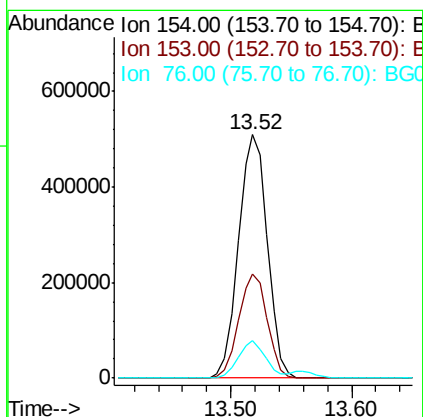
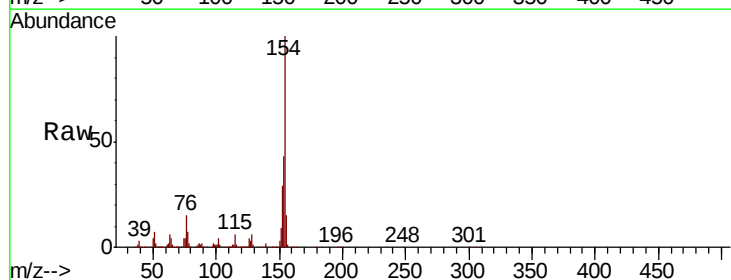
Instrument :
BNA_G
ClientSampleId :

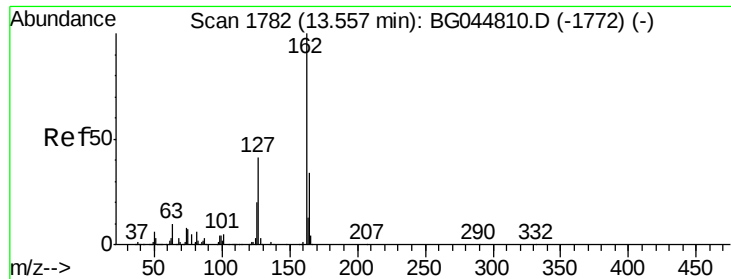
Tot Ion:172 Resp: 1329889
Ion Ratio Lower Upper
172 100
171 38.5 28.7 43.1
170 24.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 38.966 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:154 Resp: 843291
Ion Ratio Lower Upper
154 100
153 43.0 22.9 62.9
76 15.5 0.0 34.6

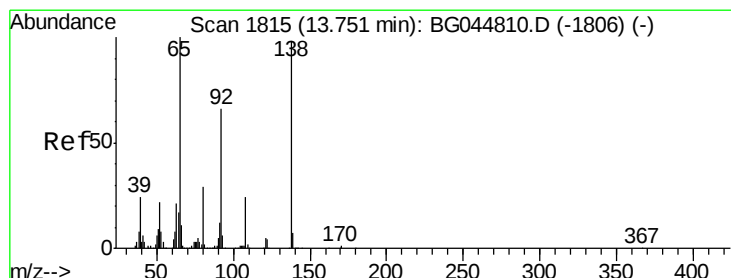
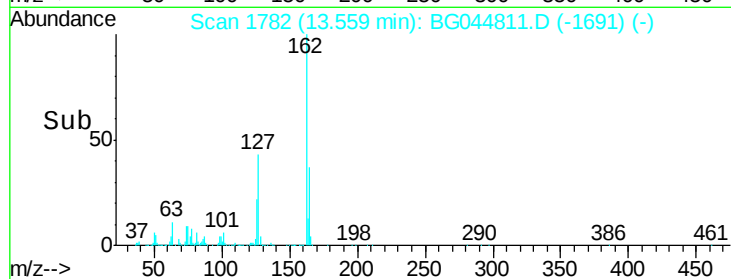
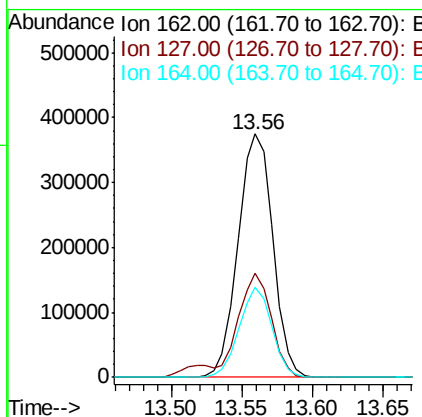
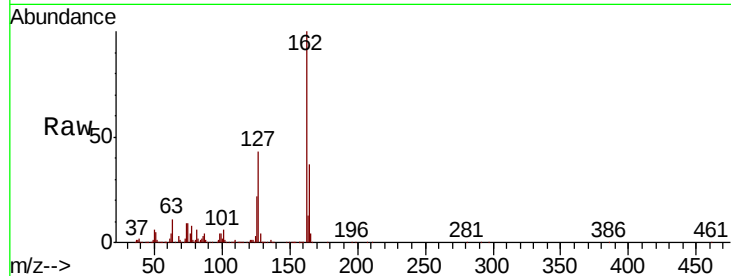




#47
 2-Chloronaphthalene
 Concen: 38.990 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

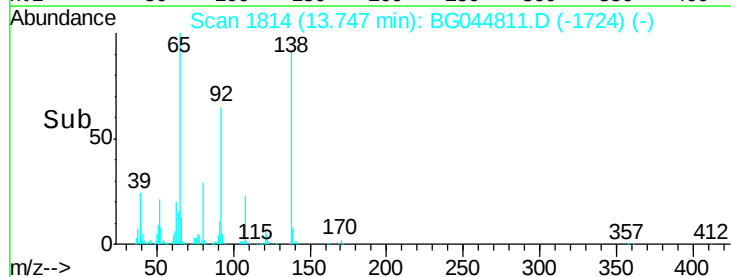
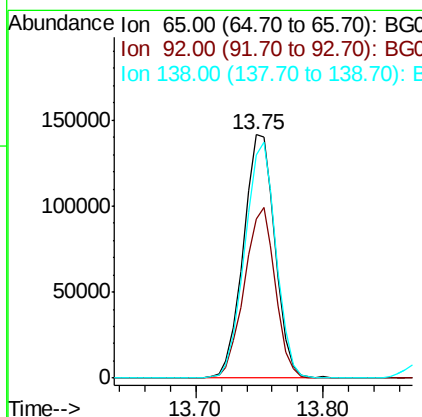
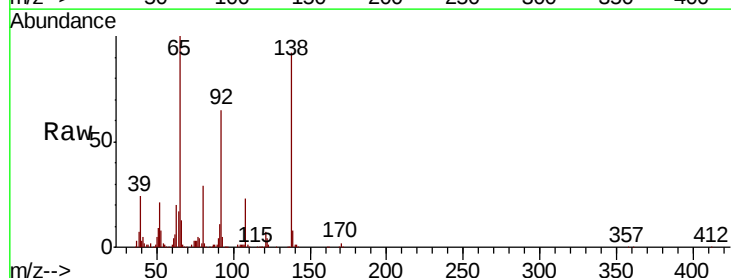
Instrument :
 BNA_G
 ClientSampleId :

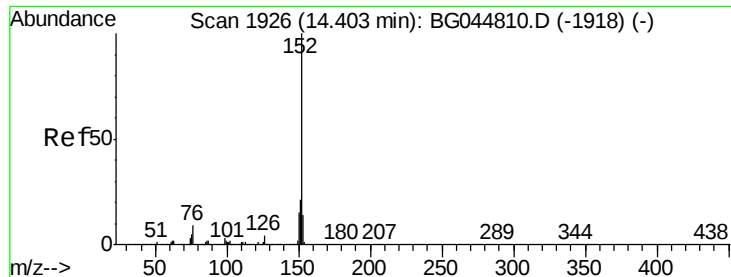
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.1	49.7
164	37.0	27.4	41.2



#48
 2-Nitroaniline
 Concen: 42.341 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.6	79.0
138	91.9	78.3	117.5





#49

Acenaphthylene

Concen: 41.905 ng

RT: 14.41 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

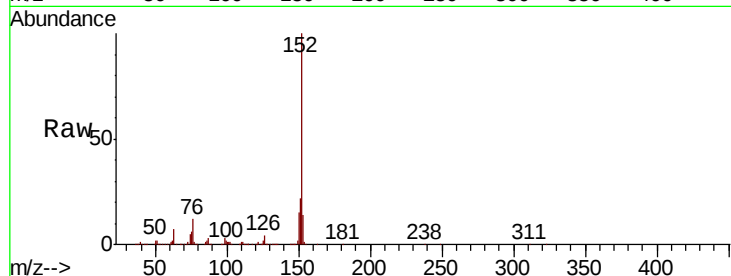
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1085363

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.8	25.2
153	14.0	10.8	16.2

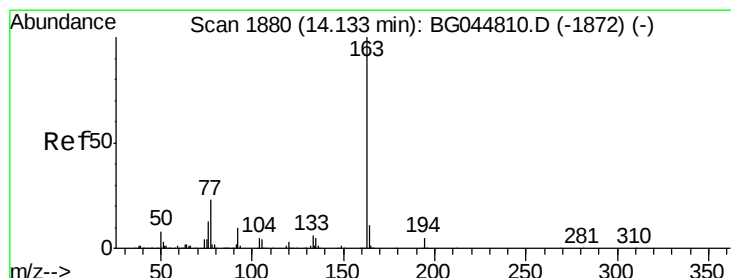
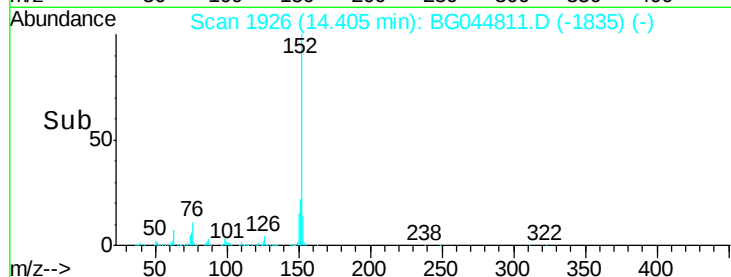
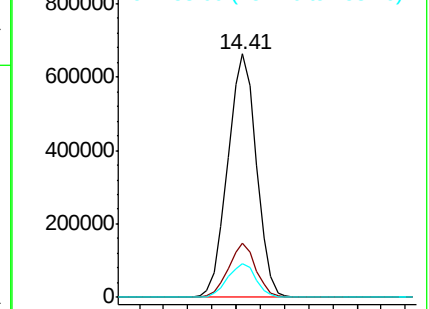


Abundance

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: 41.532 ng

RT: 14.14 min Scan# 1880

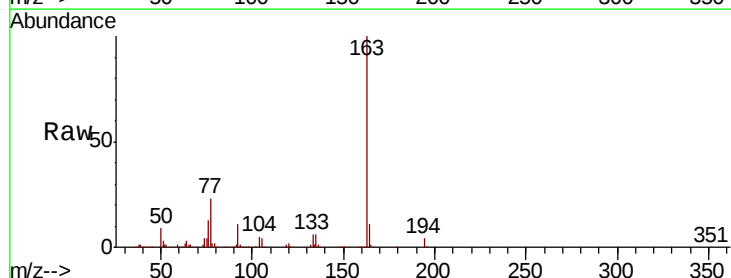
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:163 Resp: 895823

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	11.0	9.1	13.7

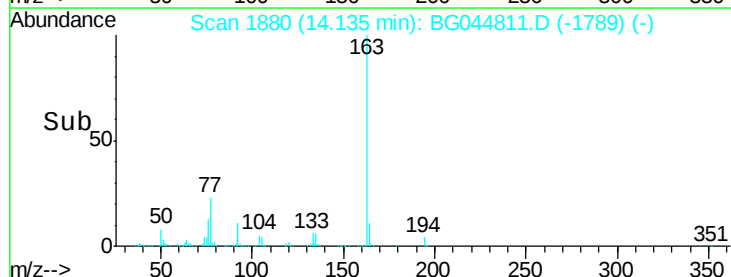
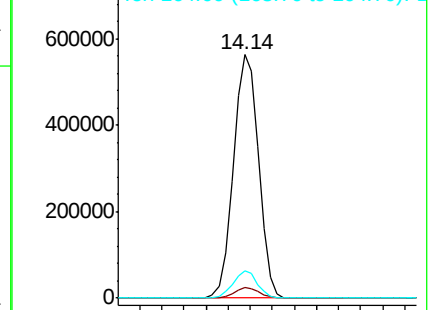


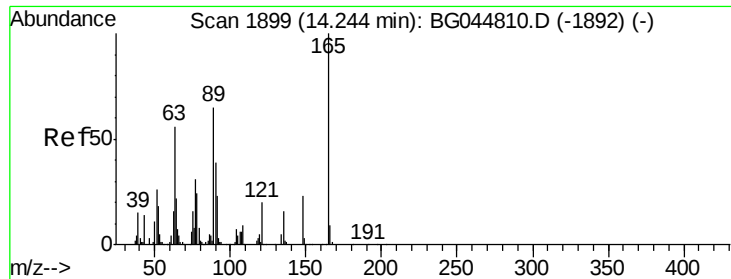
Abundance

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

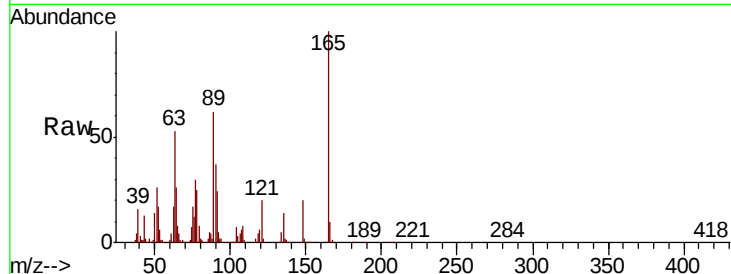




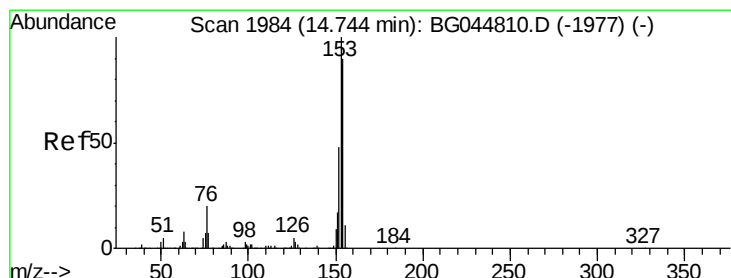
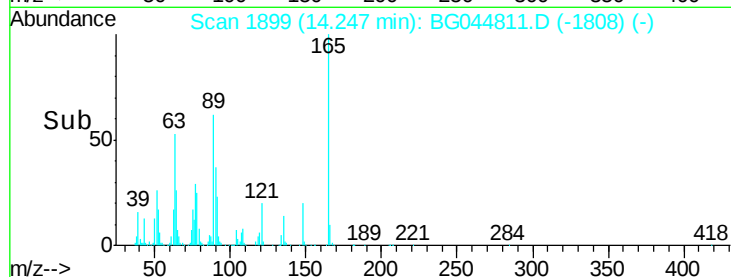
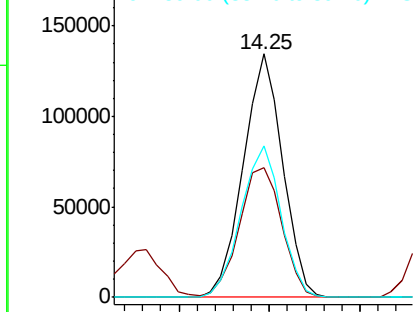
#51
 2,6-Dinitrotoluene
 Concen: 46.597 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.1	45.8	68.8
89	62.4	51.8	77.6

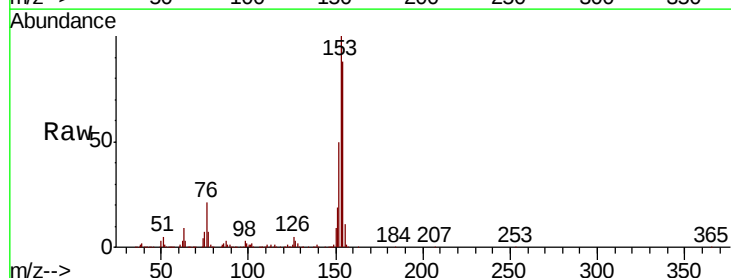


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

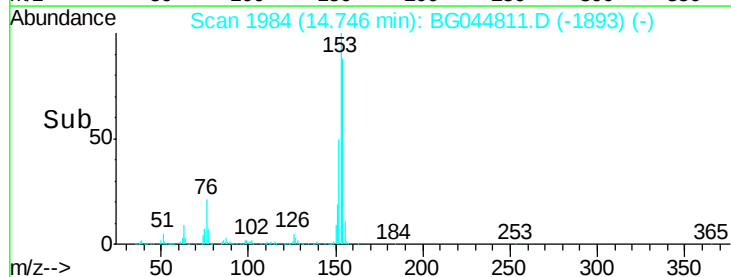
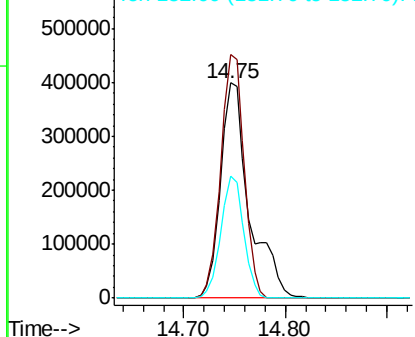


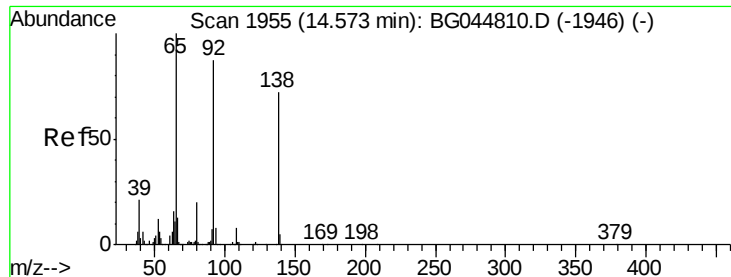
#52
 Acenaphthene
 Concen: 46.613 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.0	133.6
152	56.6	43.0	64.6



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: 30.785 ng

RT: 14.58 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

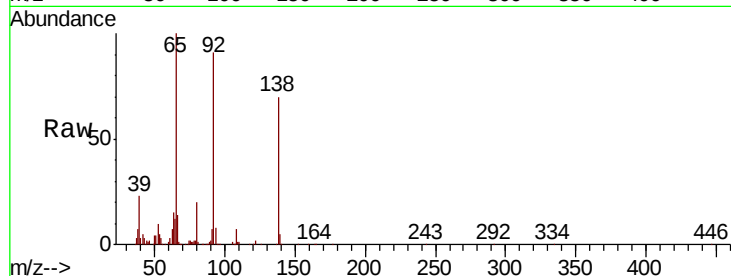
Tot Ion:138 Resp: 153883

Ion Ratio Lower Upper

138 100

108 10.2 9.0 13.4

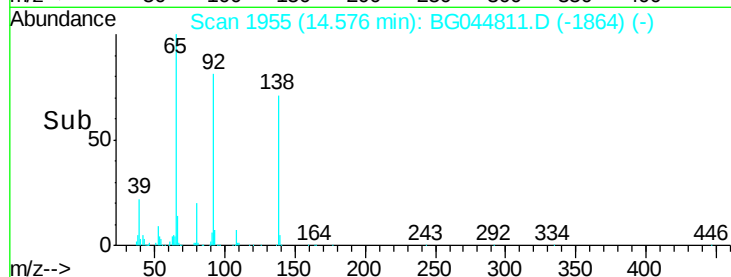
92 128.8 96.8 145.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

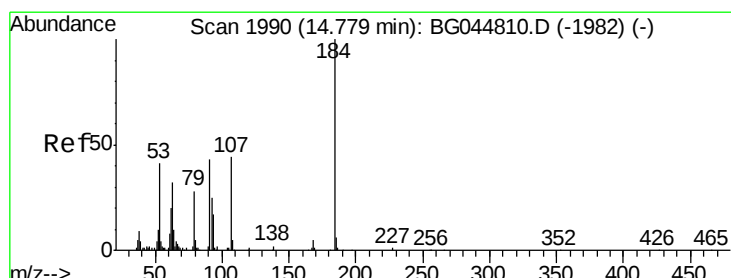
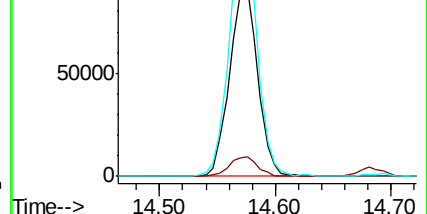
Ion 92.00 (91.70 to 92.70): BGC



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: 99.849 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

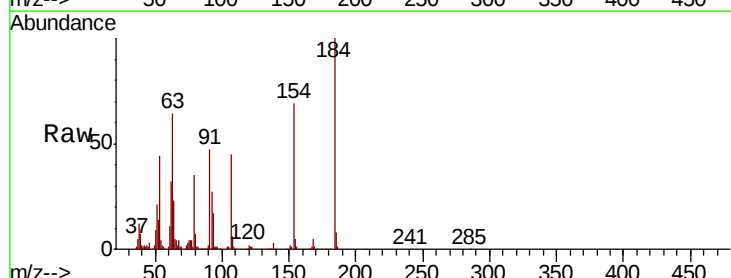
Tgt Ion:184 Resp: 232087

Ion Ratio Lower Upper

184 100

63 64.4 45.5 68.3

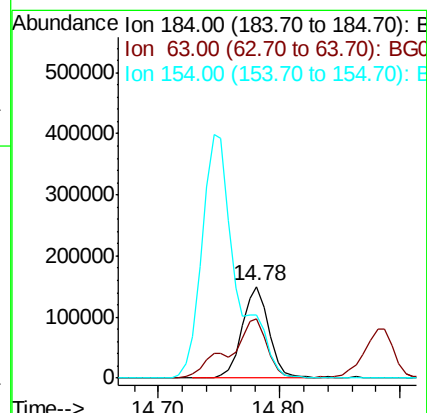
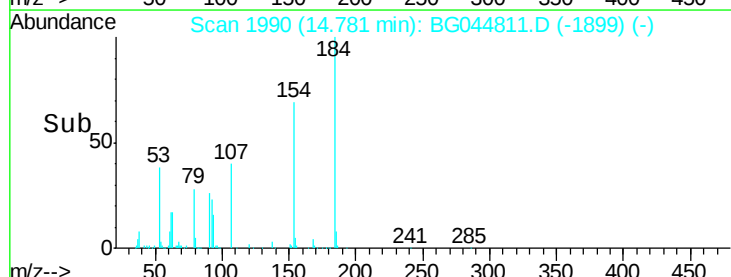
154 69.1 49.1 73.7

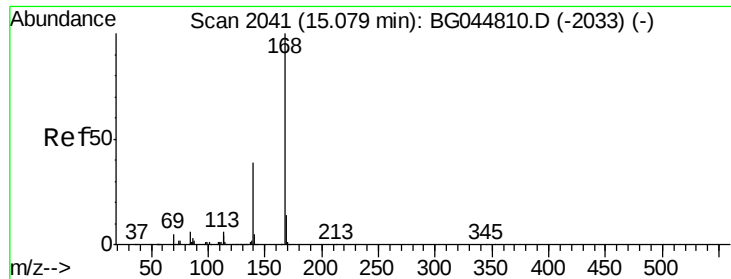


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.219 ng

RT: 15.08 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

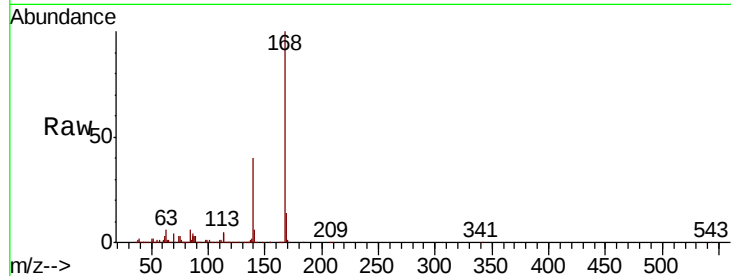
Tot Ion:168 Resp: 1038511

Ion Ratio Lower Upper

168 100

139 40.2 31.4 47.0

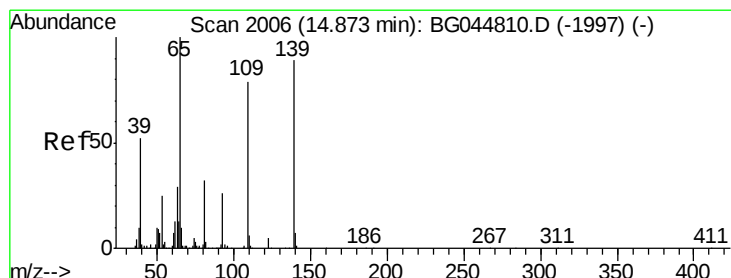
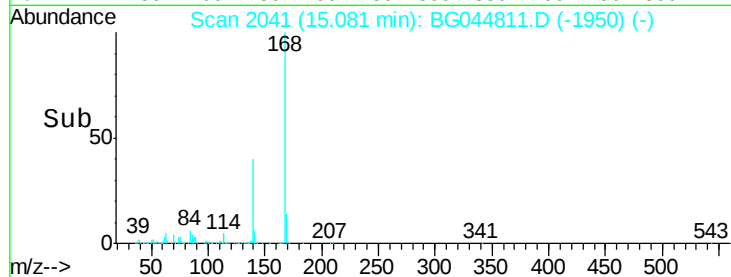
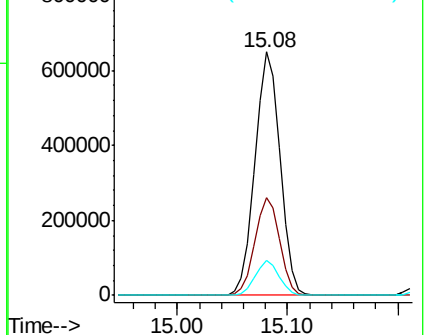
169 14.5 11.1 16.7



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: 106.622 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

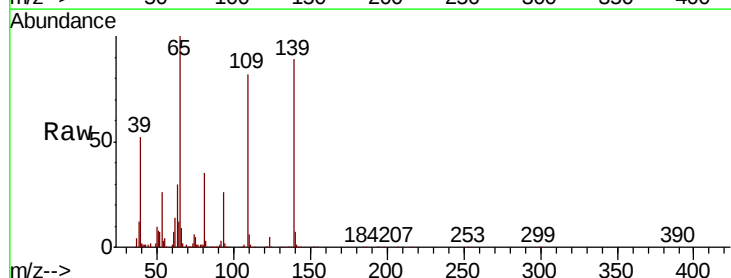
Tgt Ion:139 Resp: 406747

Ion Ratio Lower Upper

139 100

109 91.7 68.8 108.8

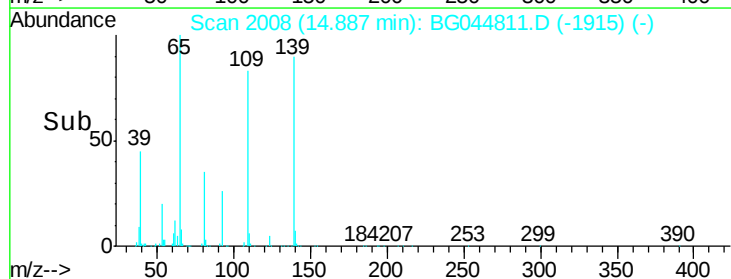
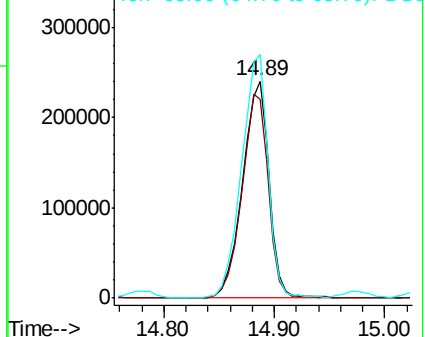
65 112.1 92.5 132.5

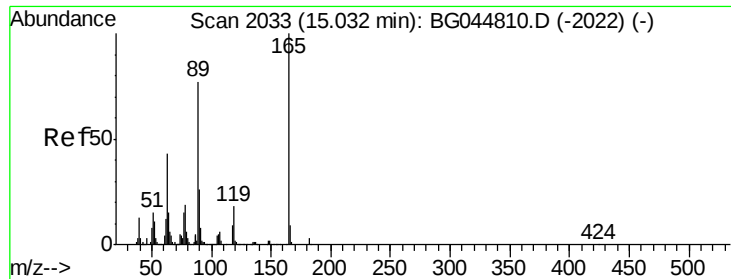


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

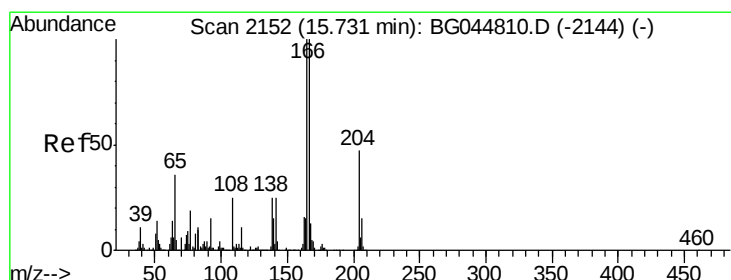
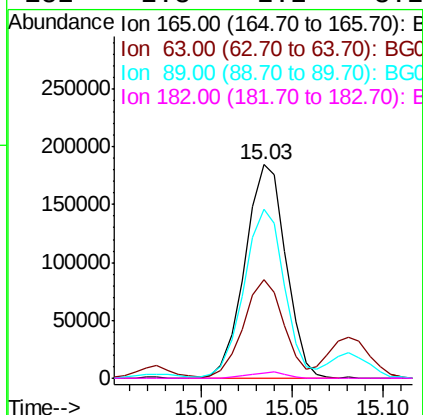
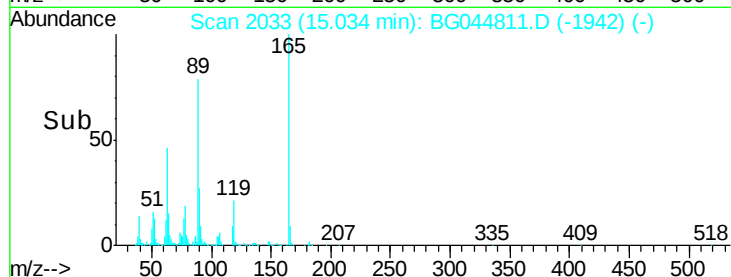
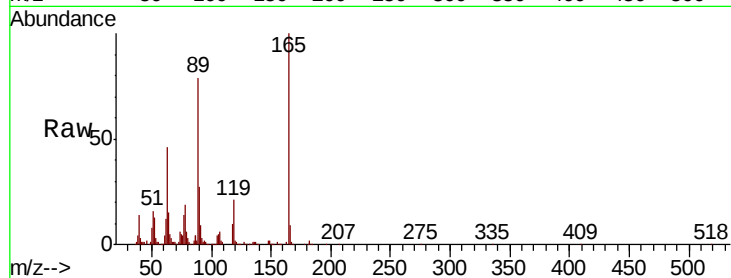




#57
2,4-Dinitrotoluene
Concen: 48.258 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

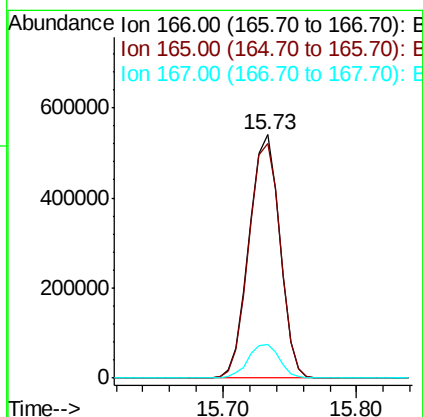
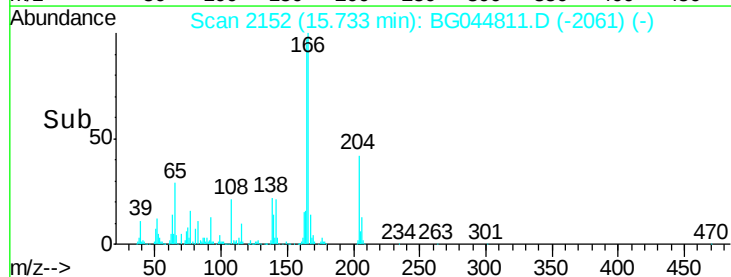
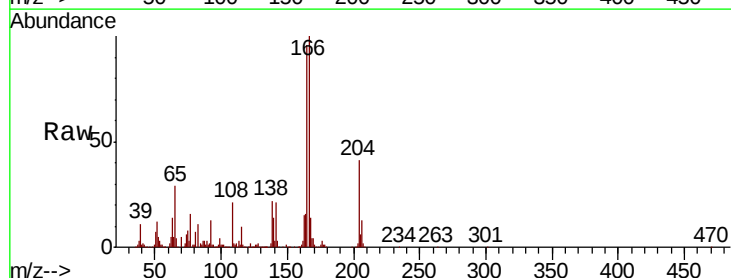
Instrument :
BNA_G
ClientSampleId :

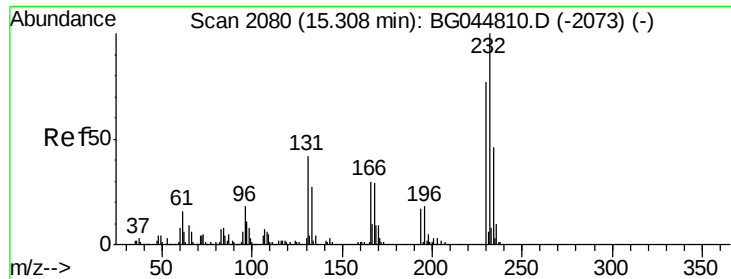
Tot Ion:165 Resp: 287757
Ion Ratio Lower Upper
165 100
63 46.1 34.6 52.0
89 79.4 61.3 91.9
182 2.3 2.2 3.2



#58
Fluorene
Concen: 42.272 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:166 Resp: 855350
Ion Ratio Lower Upper
166 100
165 96.3 79.7 119.5
167 14.1 10.6 16.0

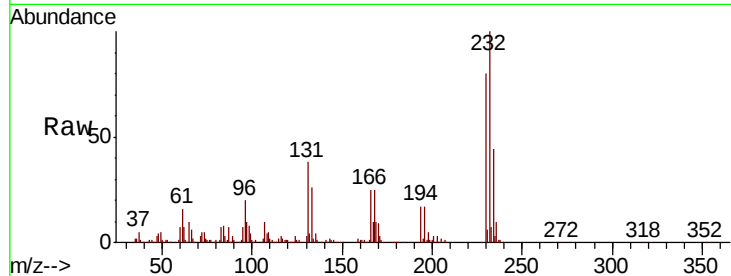




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.799 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.09 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.1	31.8	47.8
130	2.6	2.2	3.2
166	24.3	20.2	30.2

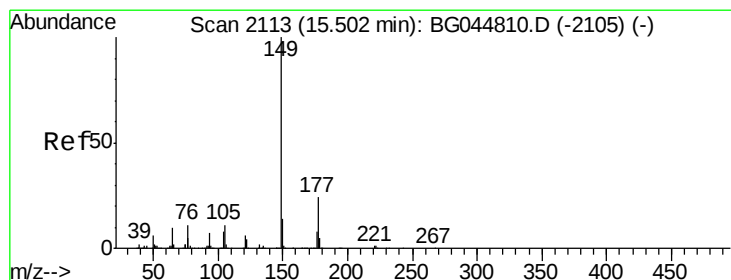
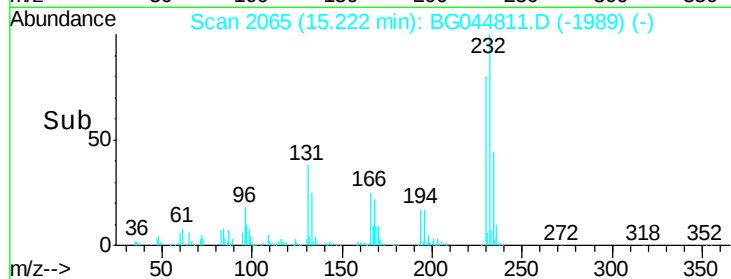
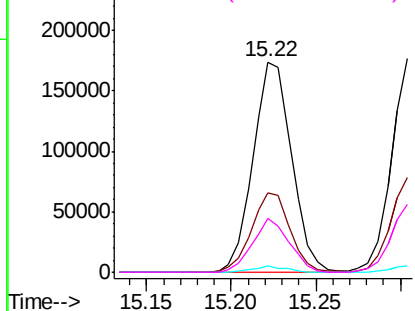


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

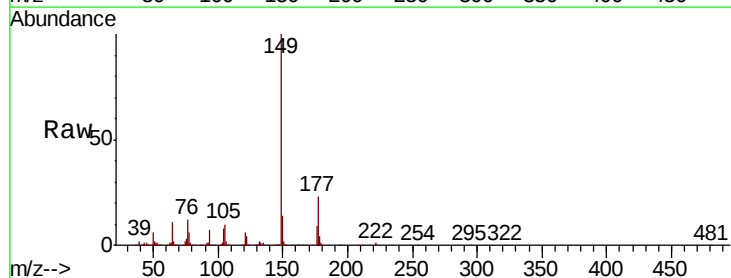
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.012 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

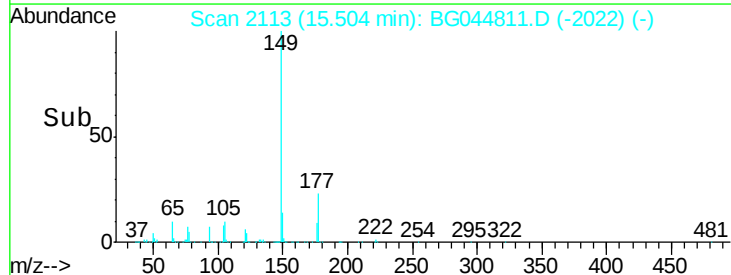
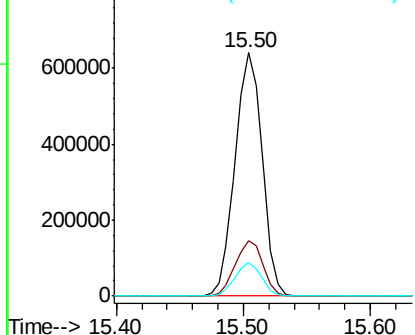
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.3	28.9
150	13.6	11.0	16.6

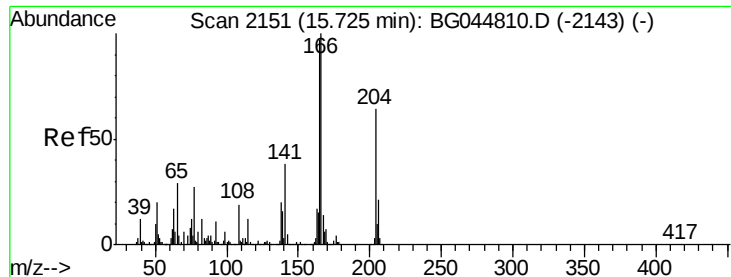


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

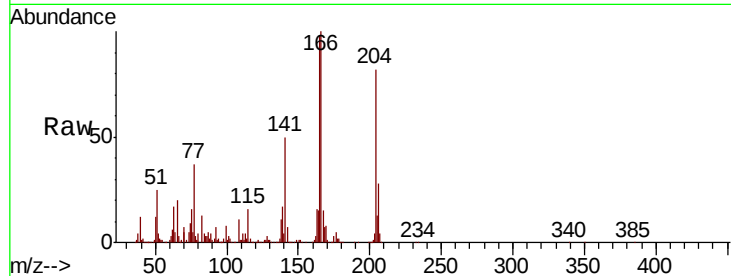




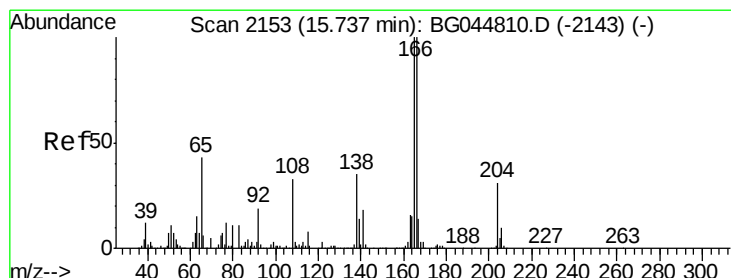
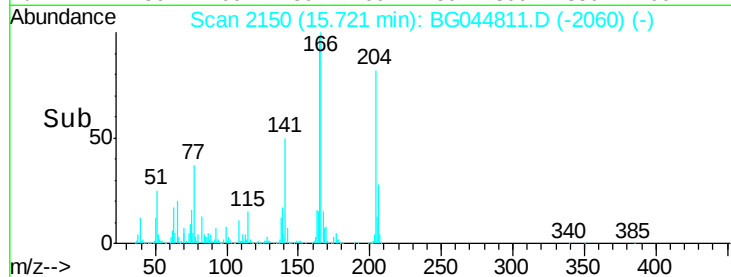
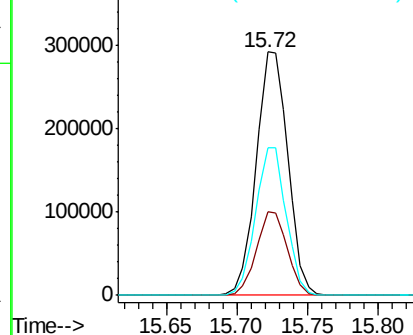
#61
 4-Chlorophenyl-phenylether
 Concen: 42.228 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	60.5	47.7	71.5

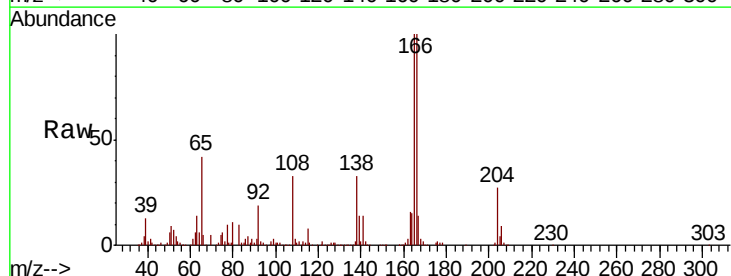


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

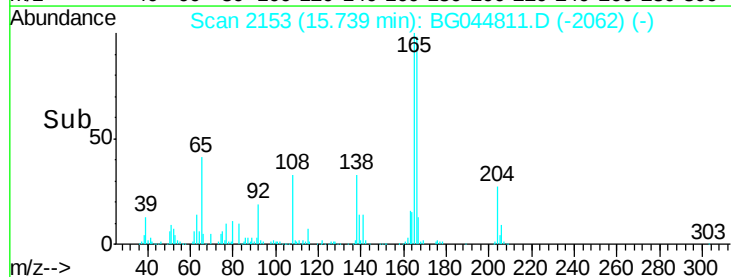
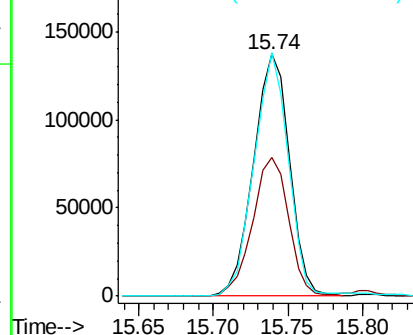


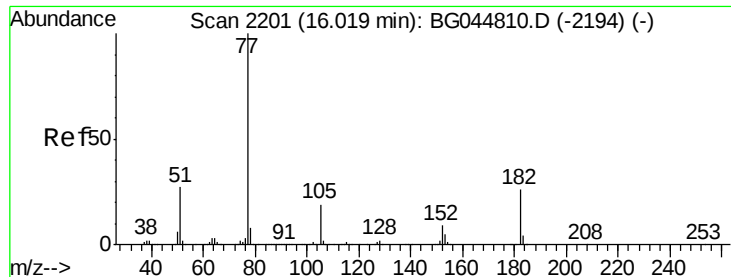
#62
 4-Nitroaniline
 Concen: 42.878 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	34.5	74.5
108	100.5	74.5	114.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

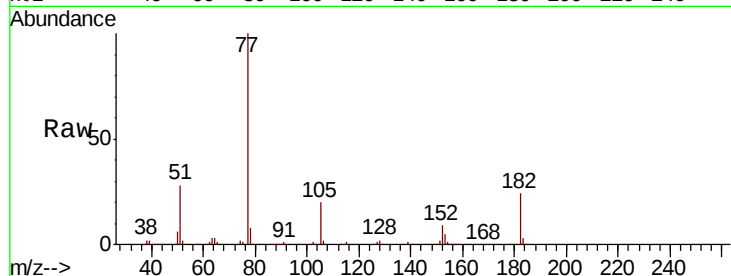




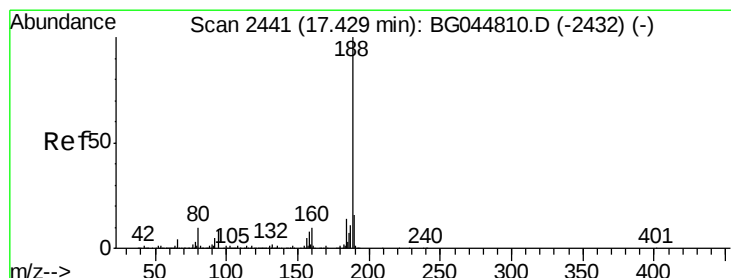
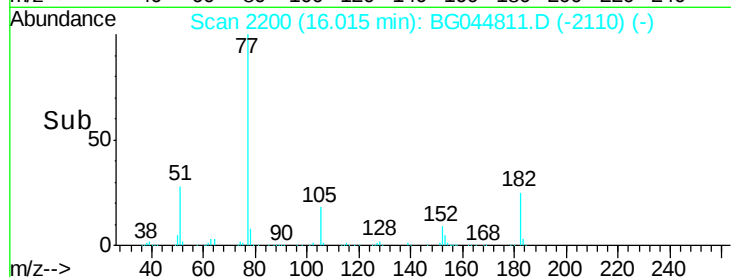
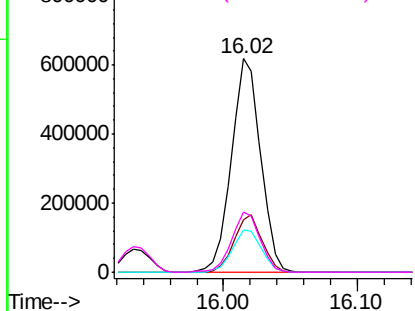
#63
Azobenzene
Concen: 40.095 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	936699
Ion	Ratio	Lower	Upper
77	100		
182	24.3	6.4	46.4
105	19.5	0.0	39.1
51	28.5	7.3	47.3

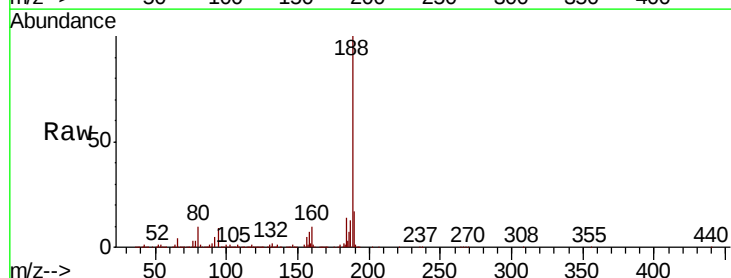


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

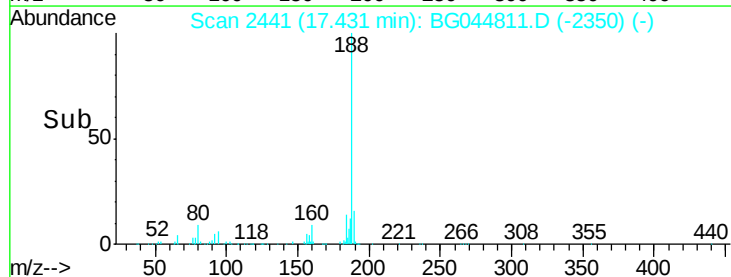
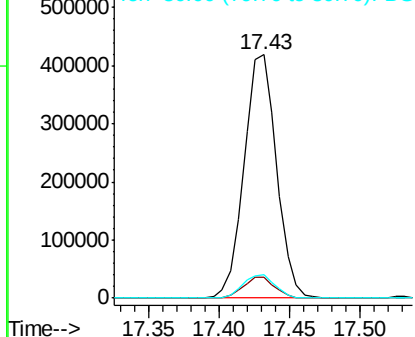


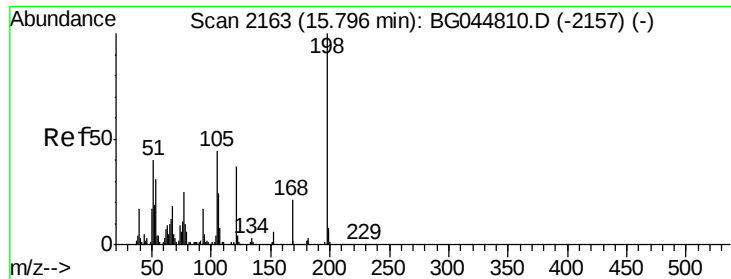
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:	188	Resp:	673512
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.7	8.0	12.0



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: 54.138 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

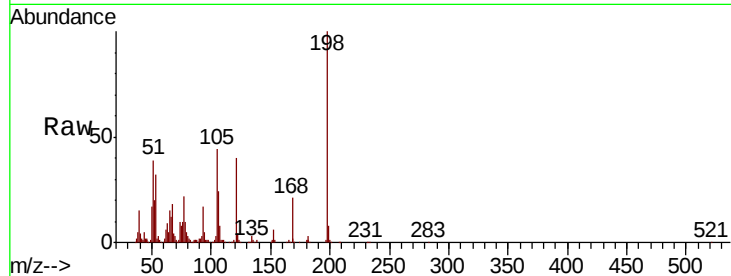
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 175319

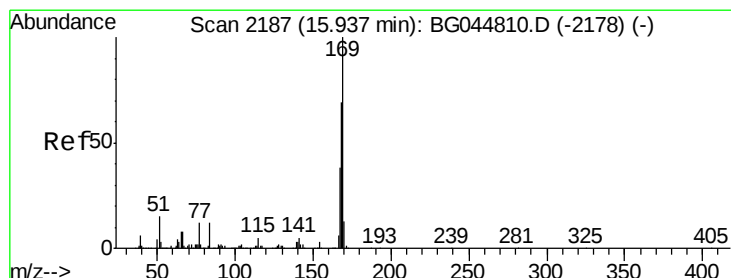
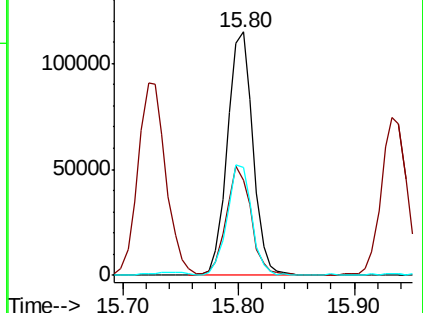
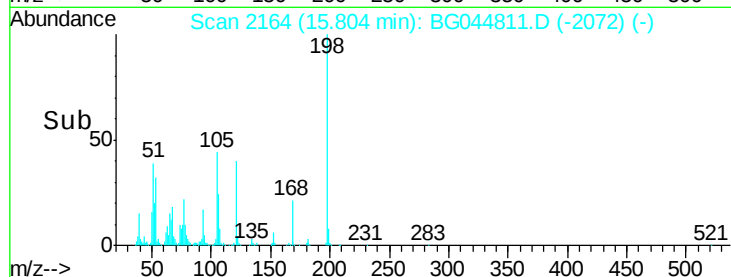
Ion	Ratio	Lower	Upper
198	100		
51	39.2	21.1	61.1
105	44.3	24.5	64.5



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: 38.994 ng

RT: 15.94 min Scan# 2187

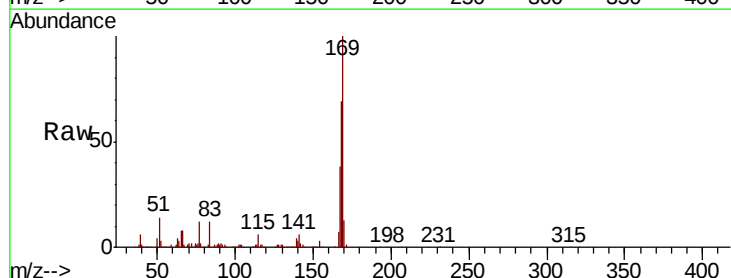
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:169 Resp: 790702

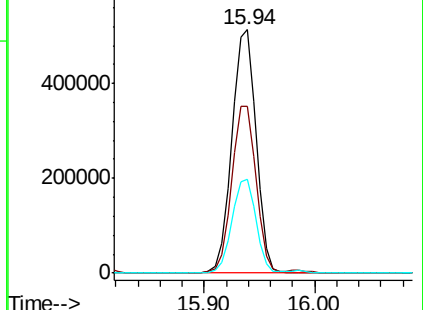
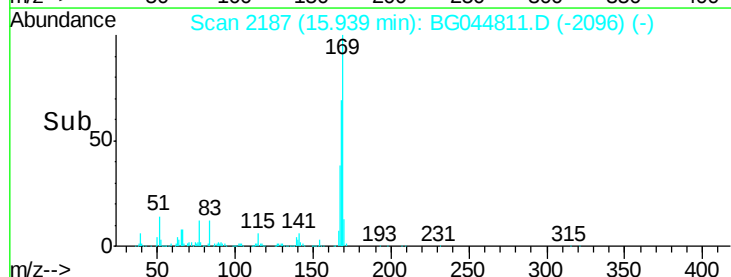
Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.4	83.2
167	38.5	30.1	45.1

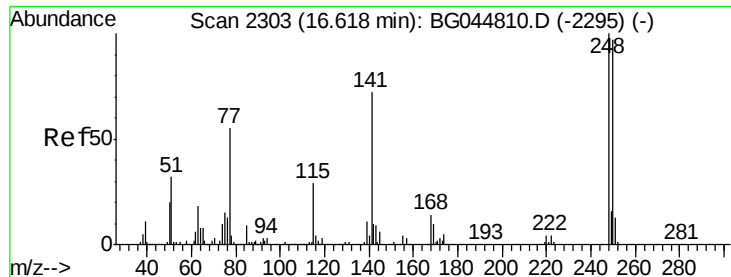


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

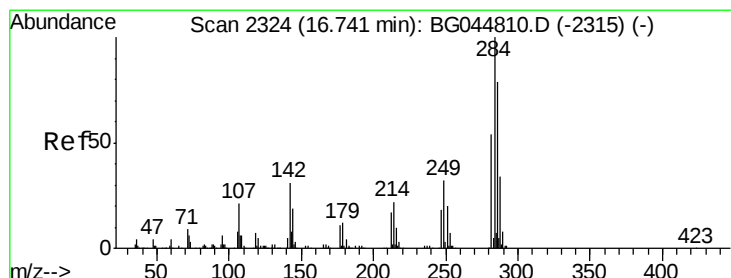
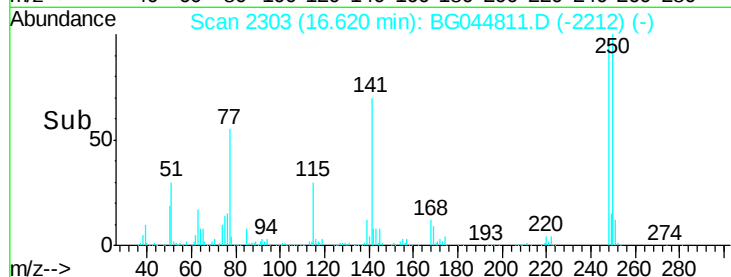
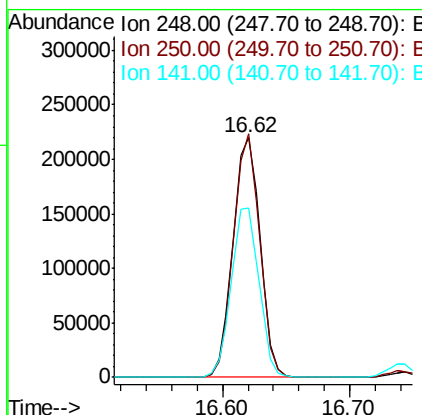
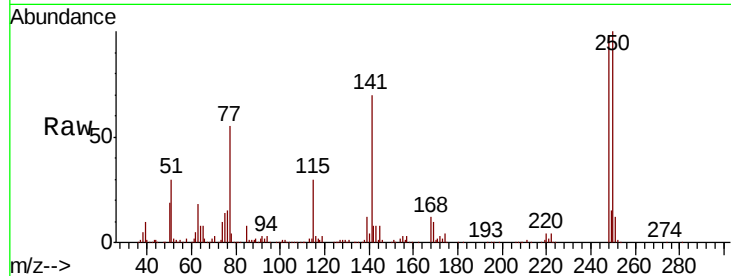




#67
4-Bromophenyl-phenylether
Concen: 38.621 ng
RT: 16.62 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

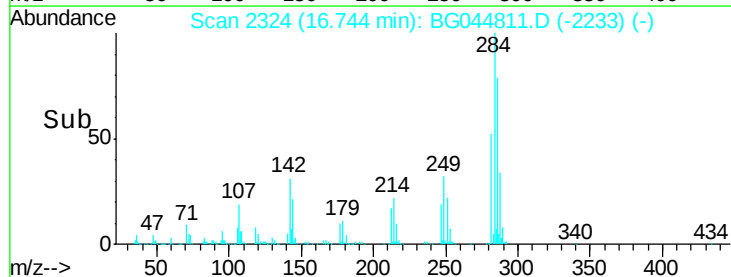
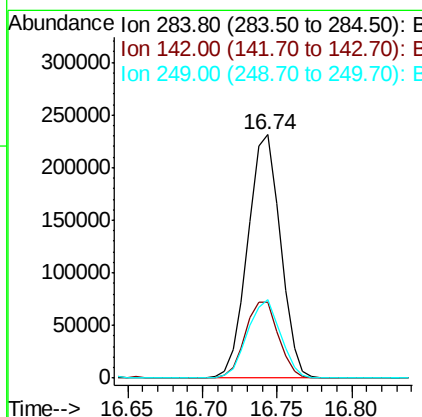
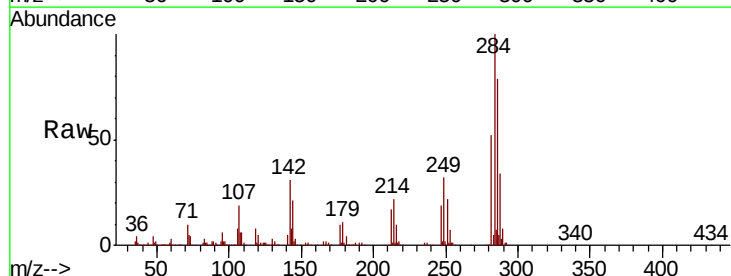
Instrument :
BNA_G
ClientSampled :

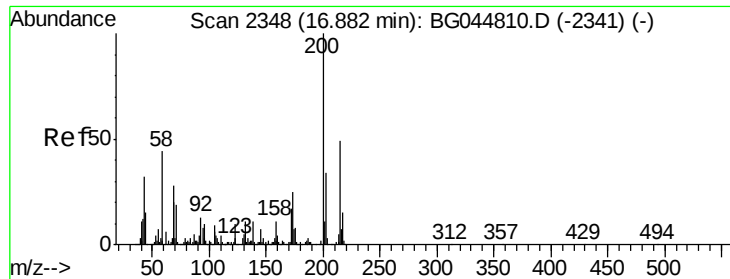
Tot Ion:248 Resp: 325181
Ion Ratio Lower Upper
248 100
250 101.6 77.9 116.9
141 70.9 57.5 86.3



#68
Hexachlorobenzene
Concen: 38.318 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:284 Resp: 350017
Ion Ratio Lower Upper
284 100
142 31.3 25.0 37.6
249 32.3 25.8 38.8





#69

Atrazine

Concen: 46.827 ng

RT: 16.88 min Scan# 2348

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

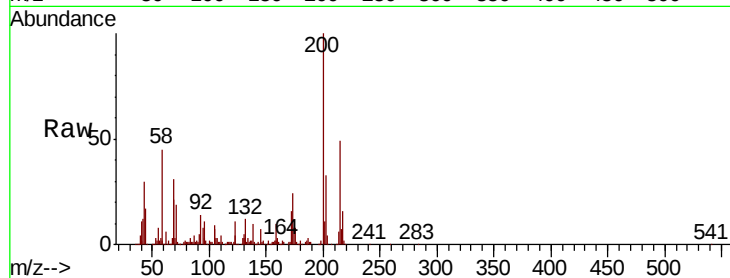
Tot Ion:200 Resp: 347885

Ion Ratio Lower Upper

200 100

173 23.8 5.3 45.3

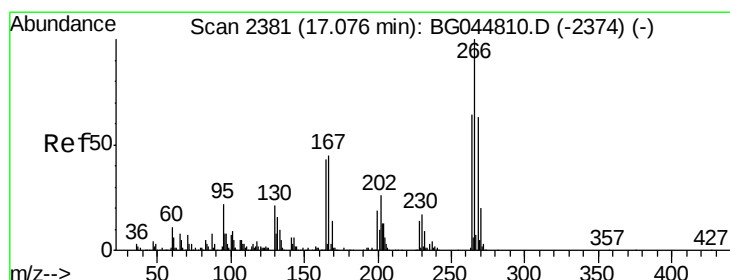
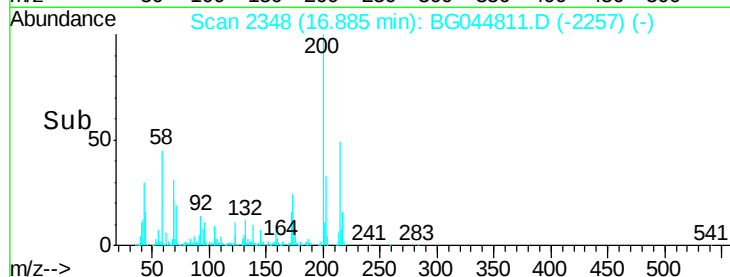
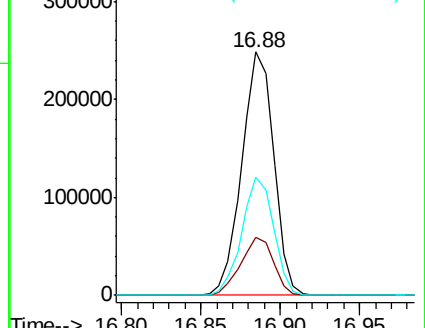
215 48.5 28.9 68.9



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: 92.901 ng

RT: 17.08 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

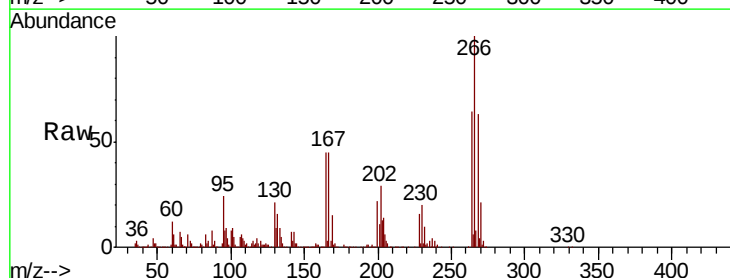
Tgt Ion:266 Resp: 466923

Ion Ratio Lower Upper

266 100

268 63.4 50.3 75.5

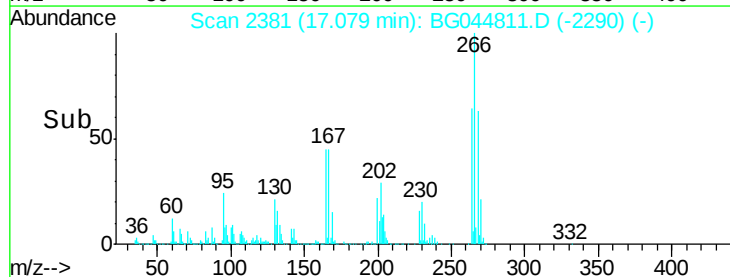
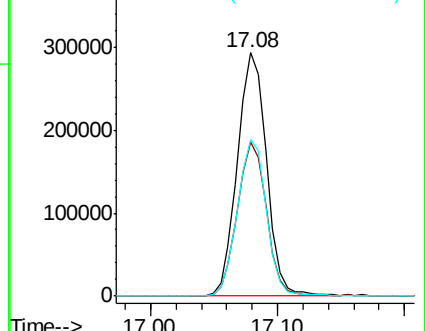
264 64.4 51.4 77.2

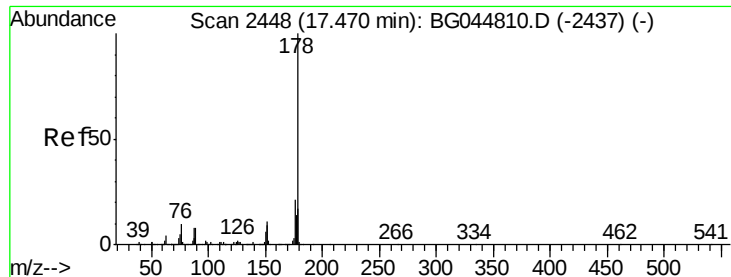


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

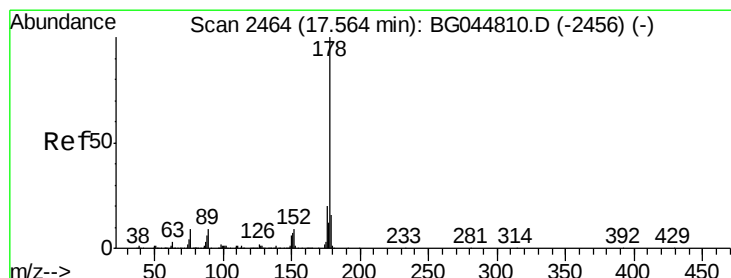
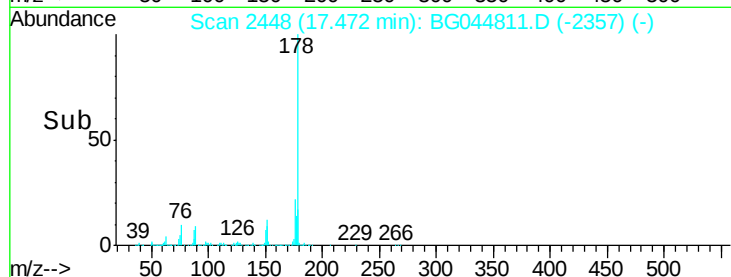
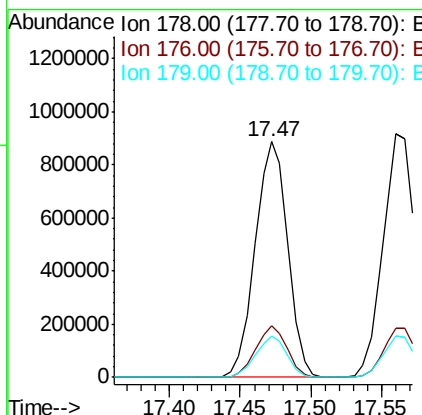
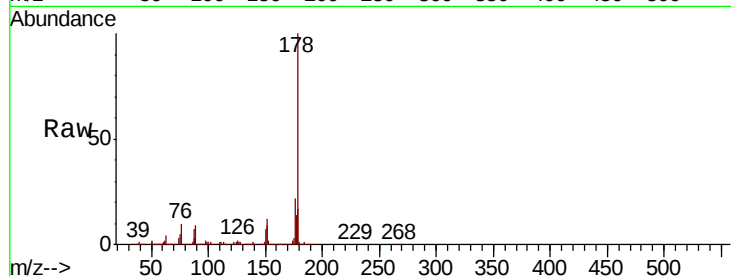




#71
Phenanthrene
Concen: 39.838 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

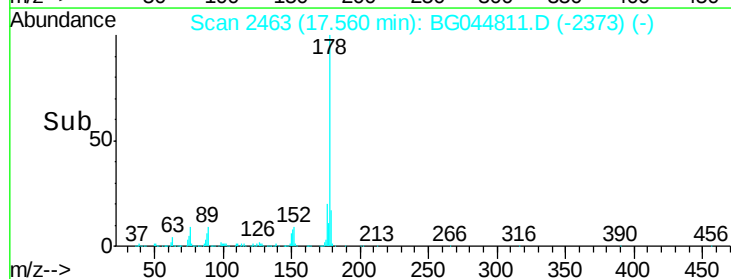
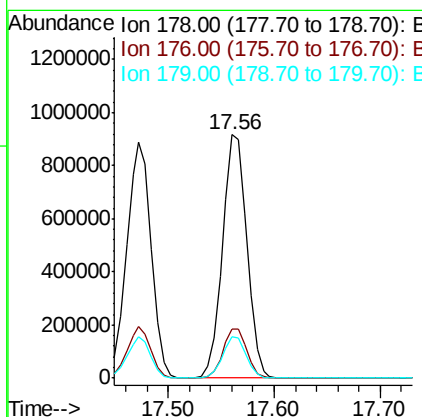
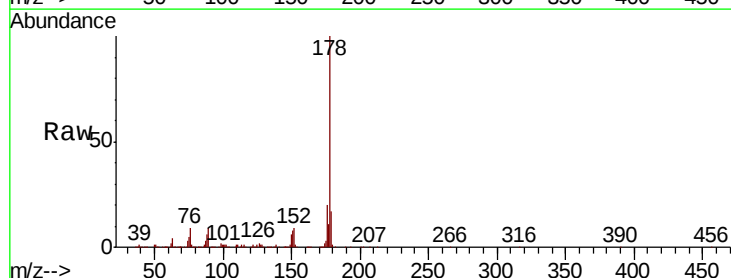
Instrument :
BNA_G
ClientSampleId :

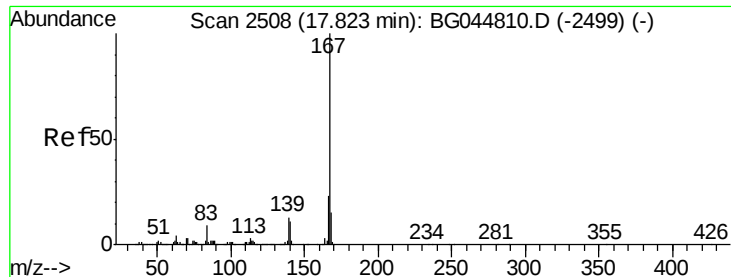
Tot Ion:178 Resp: 1433833
Ion Ratio Lower Upper
178 100
176 21.9 16.6 24.8
179 17.4 13.5 20.3



#72
Anthracene
Concen: 41.246 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:178 Resp: 1463802
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 17.0 13.2 19.8

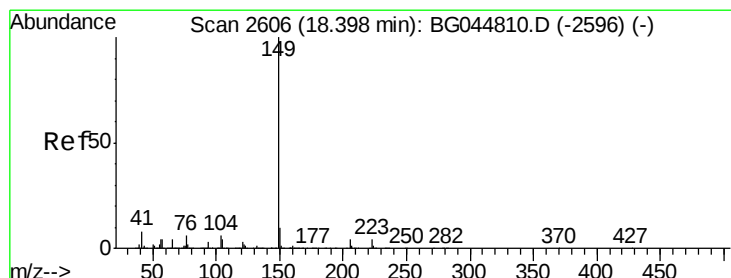
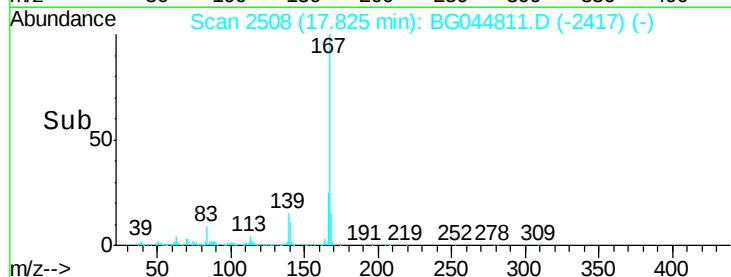
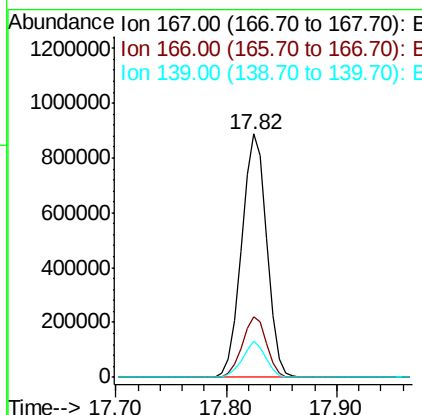
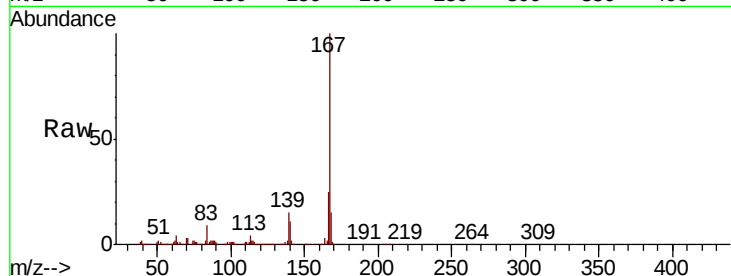




#73
 Carbazole
 Concen: 41.530 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

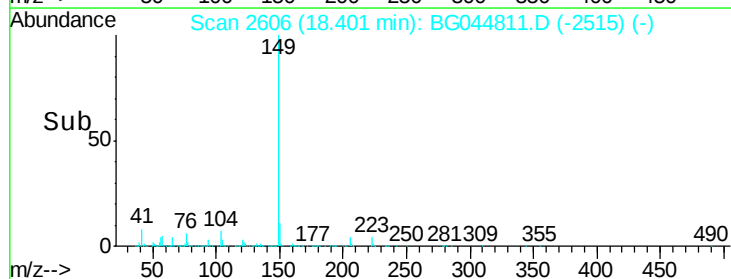
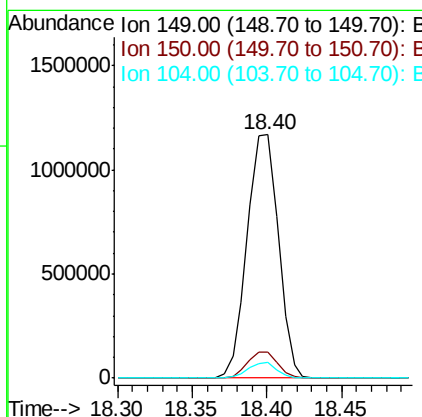
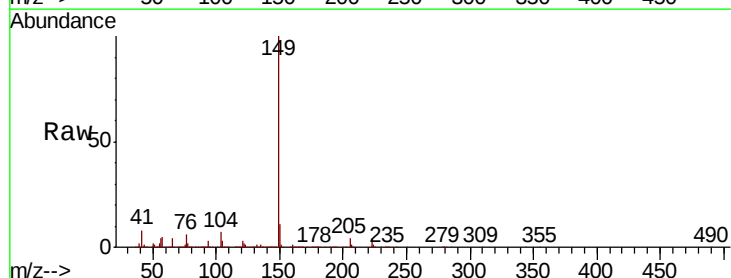
Instrument :
 BNA_G
 ClientSampled :

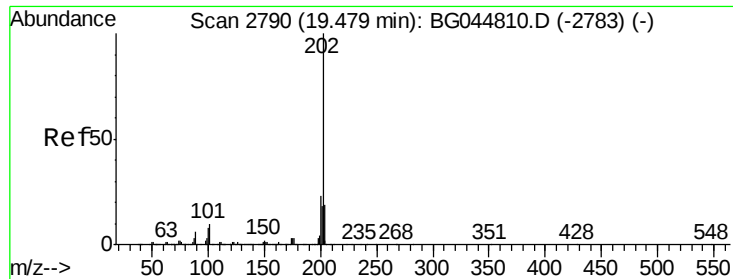
Tot Ion:167 Resp: 1415777
 Ion Ratio Lower Upper
 167 100
 166 25.1 18.8 28.2
 139 14.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.862 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG044811.D
 Acq: 16 Mar 2020 13:27

Tgt Ion:149 Resp: 1693331
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.1 12.1
 104 6.7 5.0 7.4





#75

Fluoranthene

Concen: 41.916 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

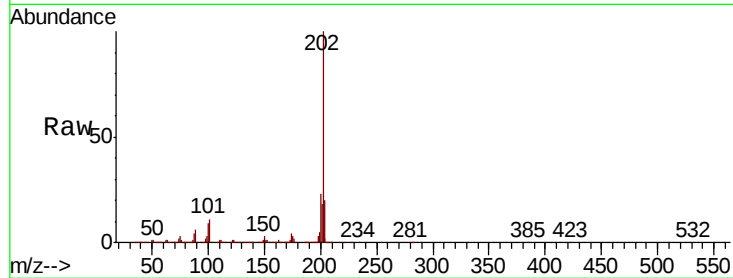
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1796261

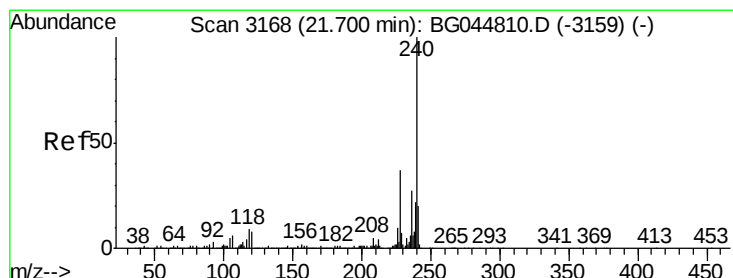
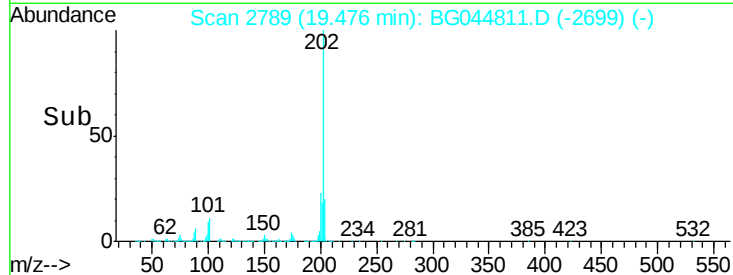
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	29.8
203	20.5	0.0	39.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

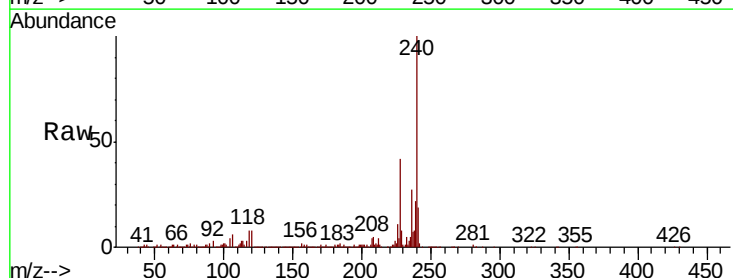
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:240 Resp: 591146

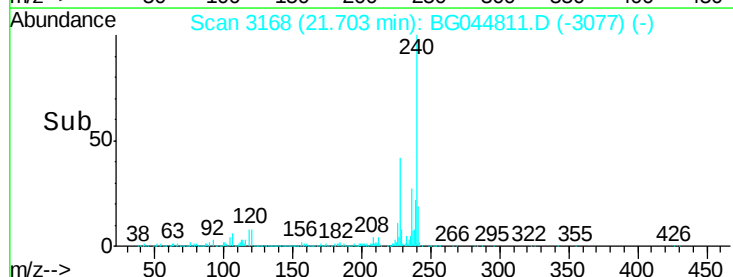
Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.7	10.1
236	26.6	21.5	32.3

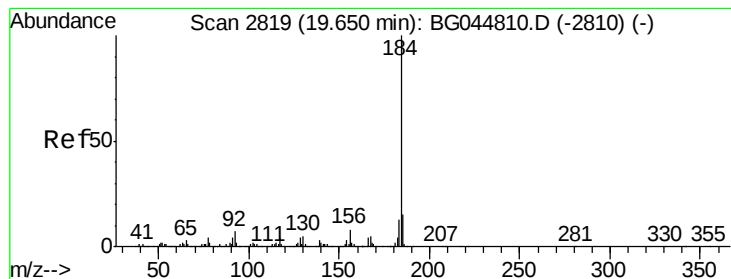


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.053 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

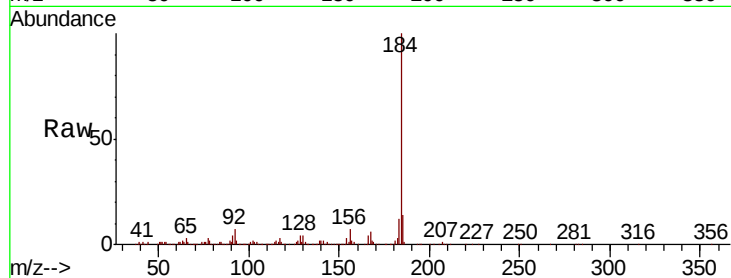
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 423227

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	12.5	10.7	16.1

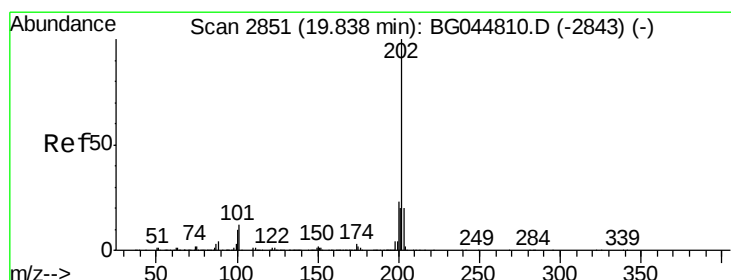
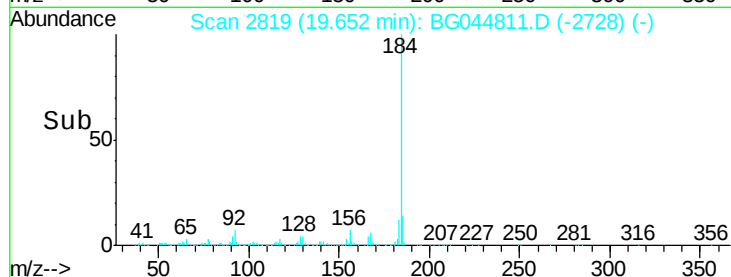
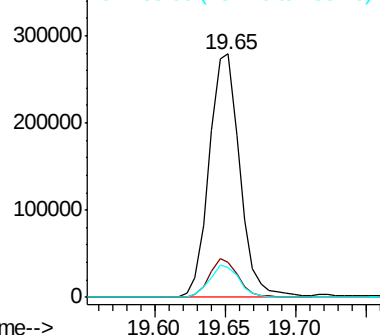


Abundance

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: 40.982 ng

RT: 19.84 min Scan# 2851

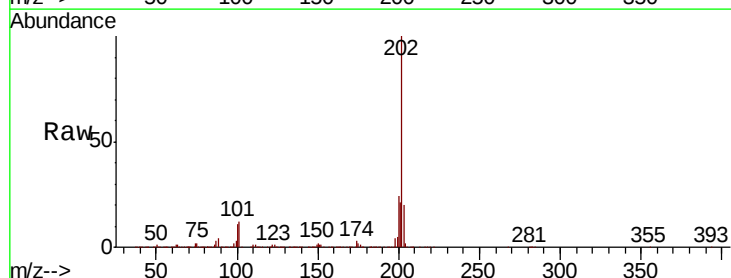
Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:202 Resp: 1777408

Ion	Ratio	Lower	Upper
202	100		
200	24.2	18.3	27.5
203	20.2	15.6	23.4

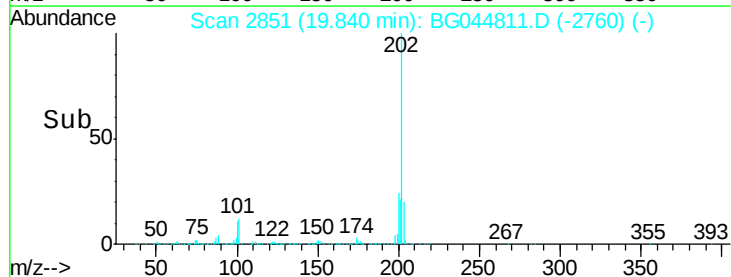
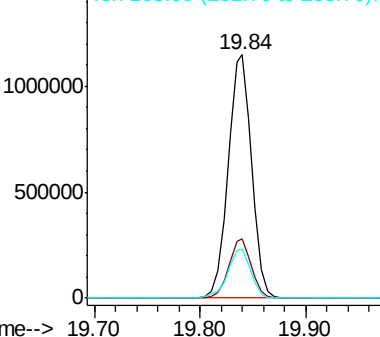


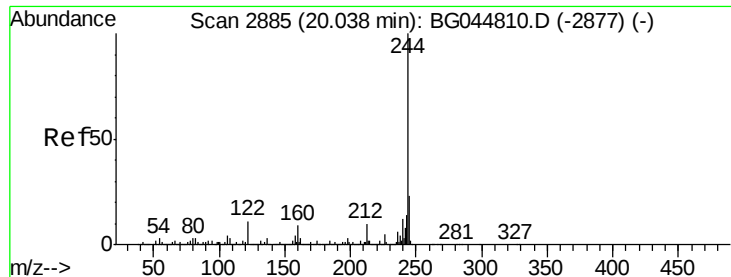
Abundance

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: 69.475 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

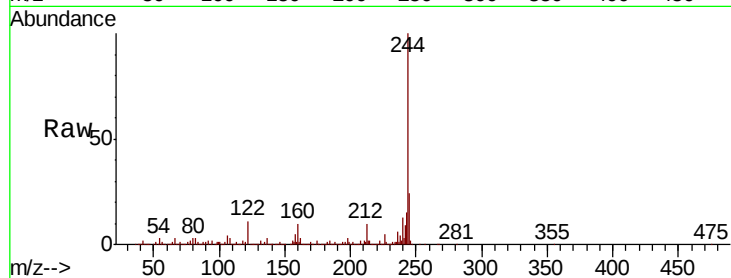
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2195600

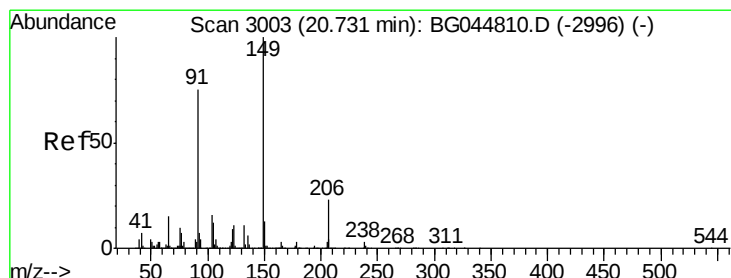
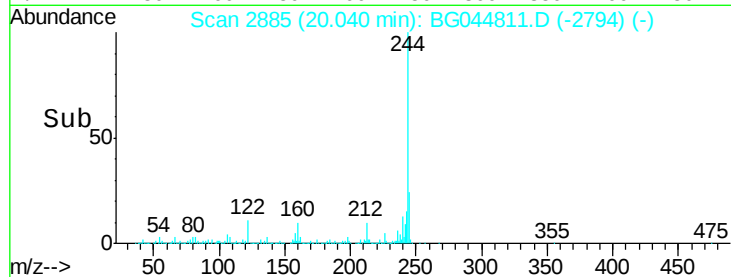
Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.7	11.5
122	10.7	8.6	12.8



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: 40.423 ng

RT: 20.73 min Scan# 3002

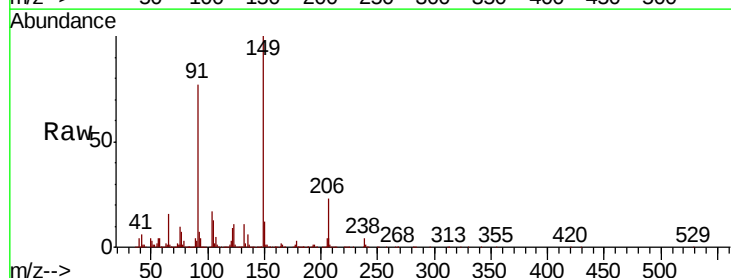
Delta R.T. -0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Tgt Ion:149 Resp: 779951

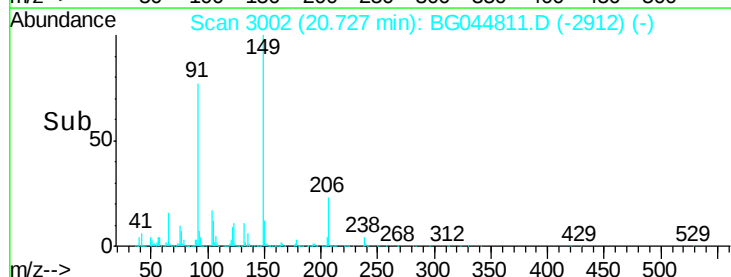
Ion	Ratio	Lower	Upper
149	100		
91	76.9	60.2	90.4
206	22.7	18.6	27.8

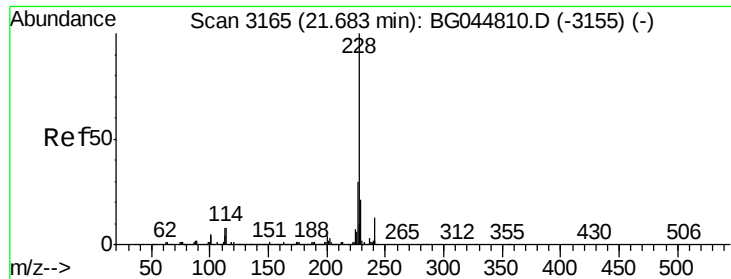


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

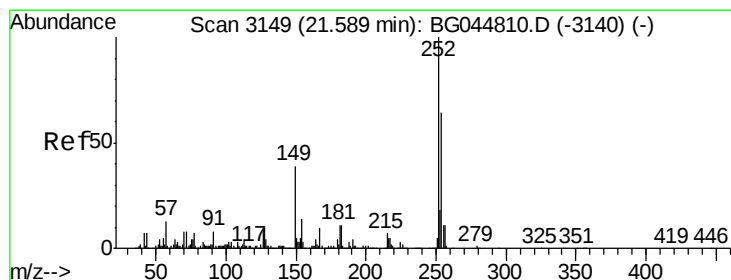
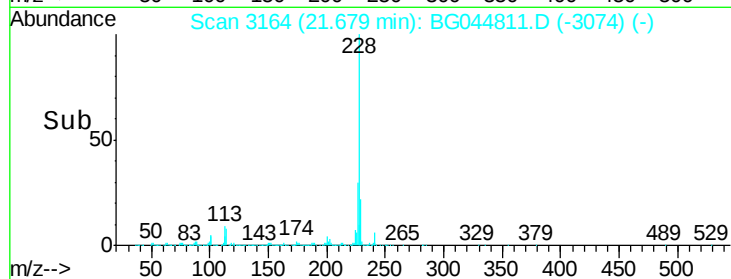
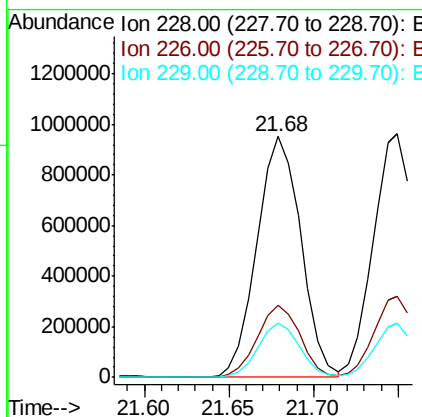
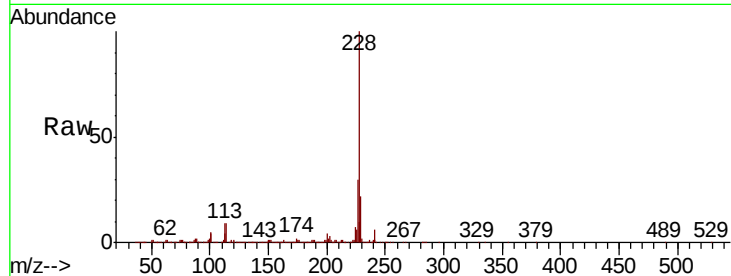




#81
Benzo(a)anthracene
Concen: 40.488 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

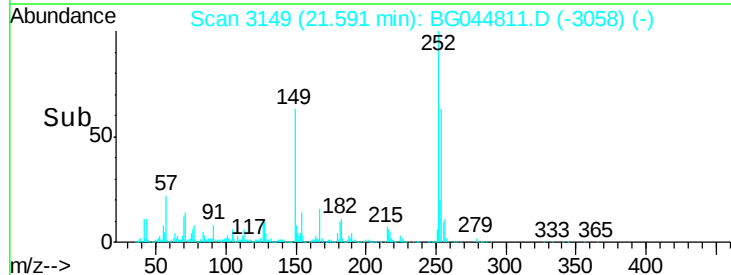
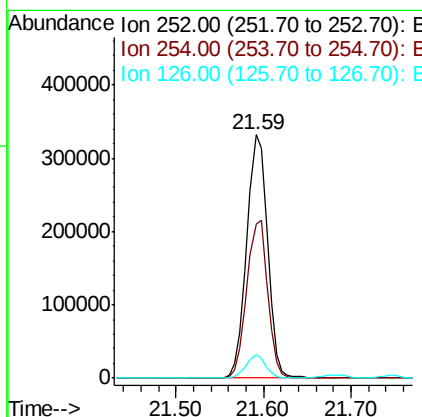
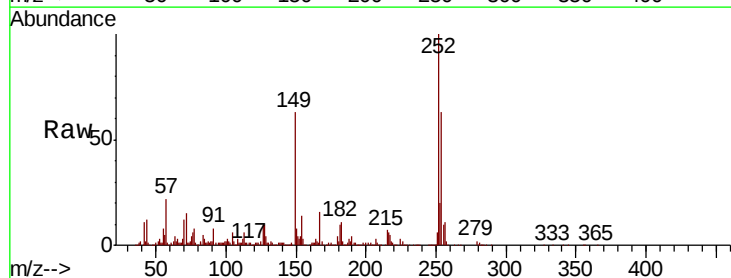
Instrument :
BNA_G
ClientSampleId :

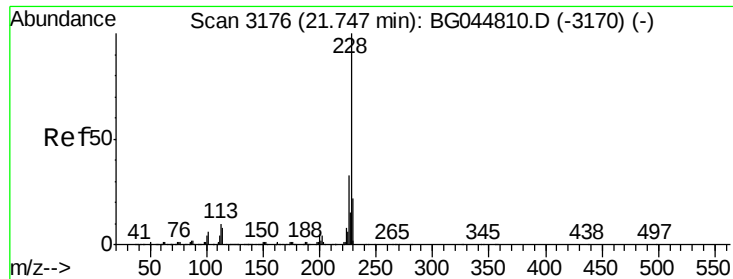
Tot Ion:228 Resp: 1723453
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 22.3 17.1 25.7



#82
3,3'-Dichlorobenzidine
Concen: 32.241 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:252 Resp: 530927
Ion Ratio Lower Upper
252 100
254 63.4 51.6 77.4
126 9.9 7.0 10.6





#83

Chrysene

Concen: 40.174 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

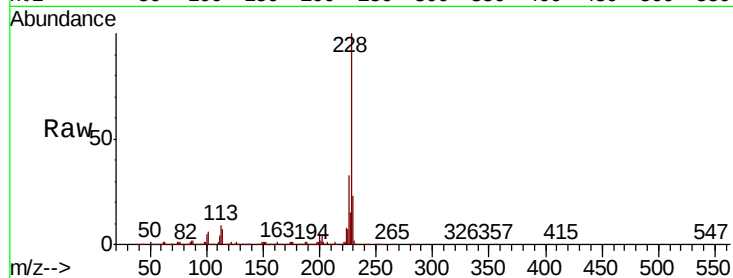
Tot Ion:228 Resp: 1633505

Ion Ratio Lower Upper

228 100

226 33.0 25.9 38.9

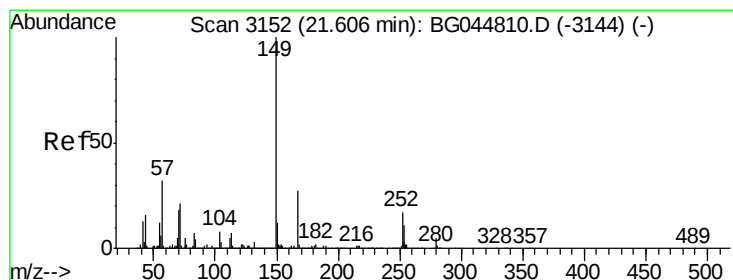
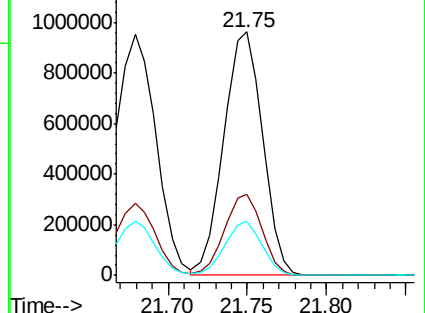
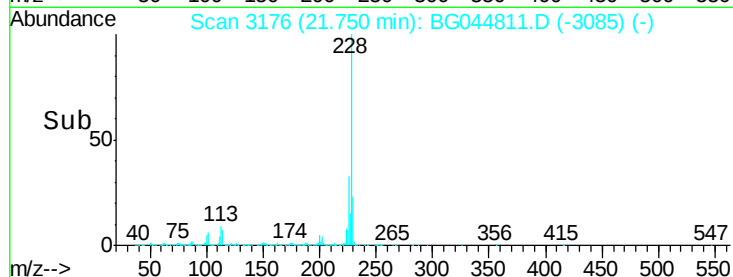
229 22.5 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.766 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

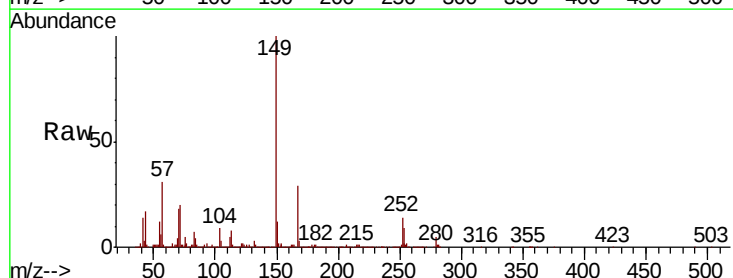
Tgt Ion:149 Resp: 1058922

Ion Ratio Lower Upper

149 100

167 28.5 21.8 32.6

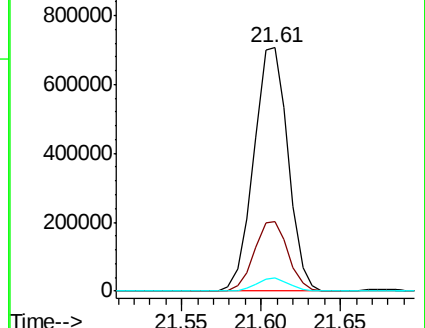
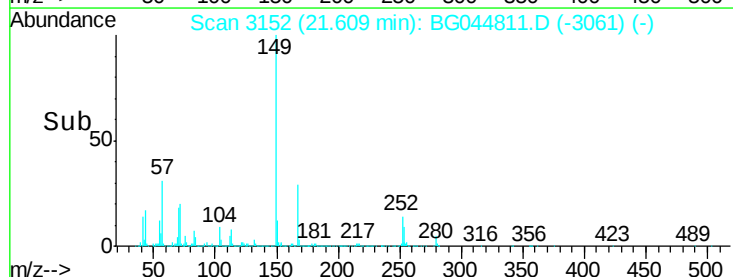
279 5.4 3.8 5.6

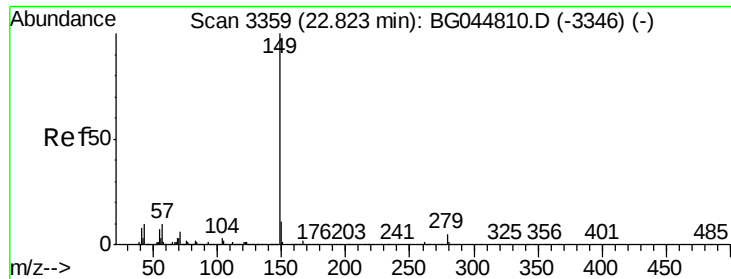


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.047 ng

RT: 22.82 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

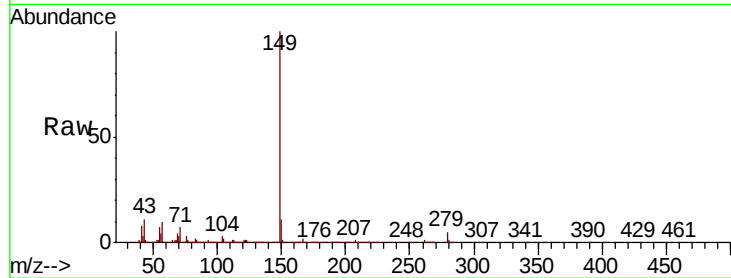
Tot Ion:149 Resp: 1829085

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

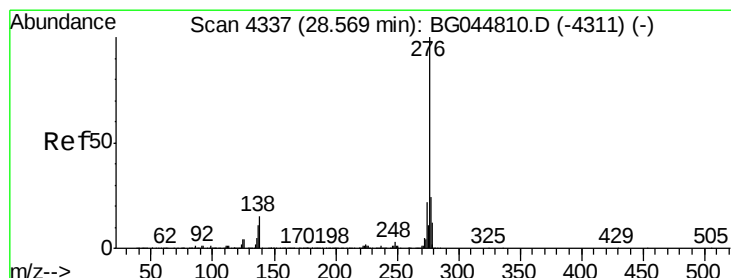
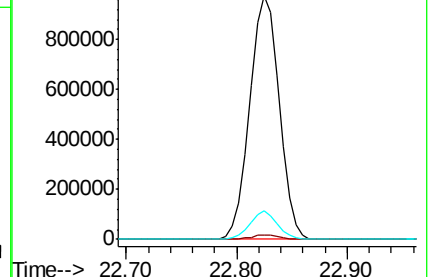
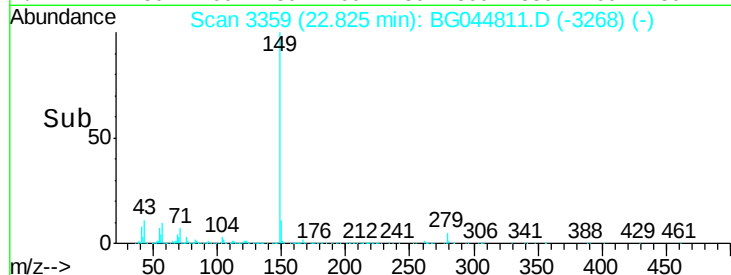
43 10.5 8.2 12.4



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: 40.234 ng

RT: 28.57 min Scan# 4337

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

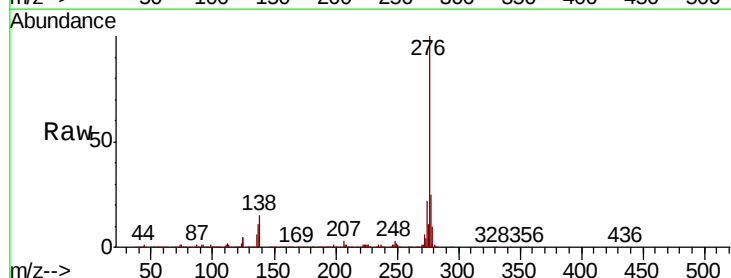
Tgt Ion:276 Resp: 2144771

Ion Ratio Lower Upper

276 100

138 12.8 7.4 11.0#

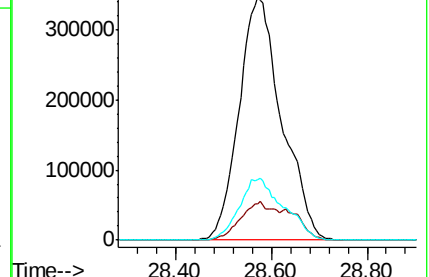
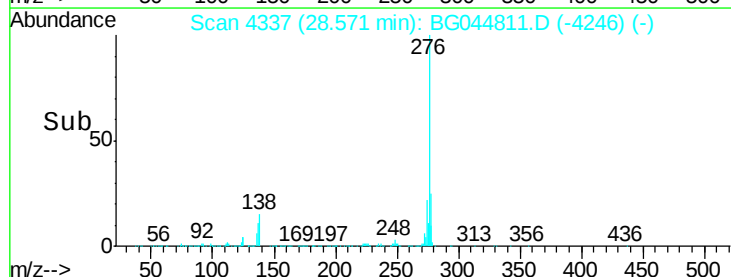
277 26.2 20.8 31.2

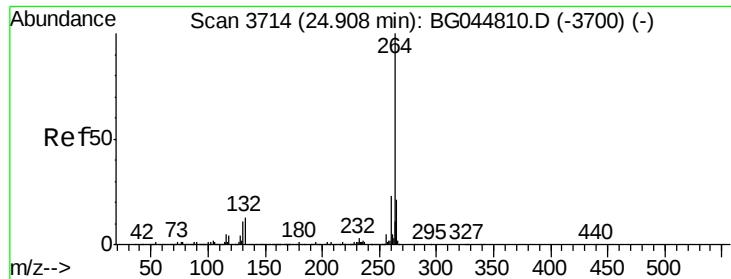


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



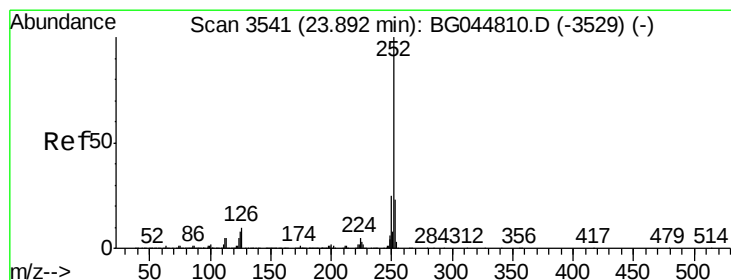
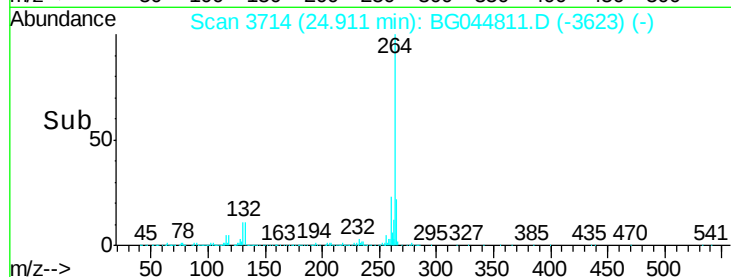
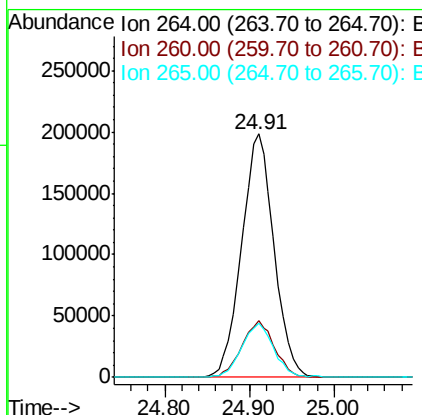
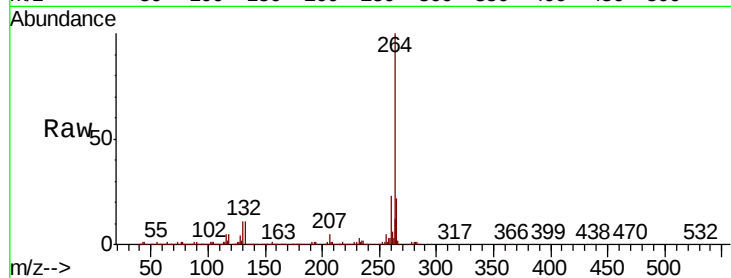


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. 0.00 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 526119

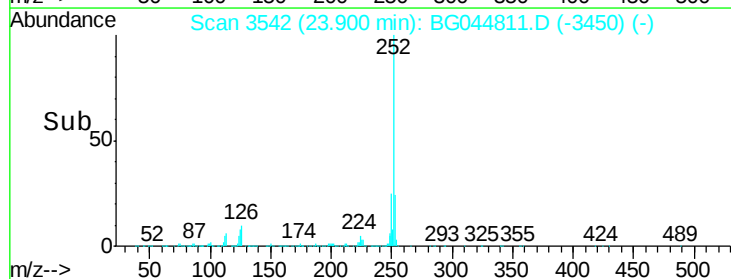
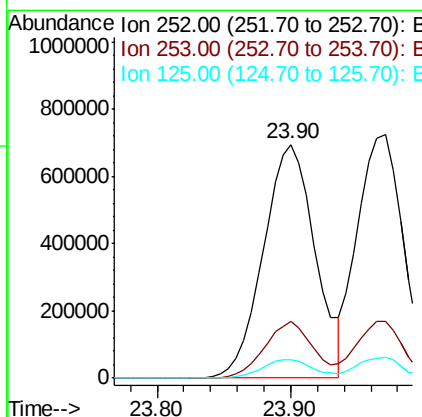
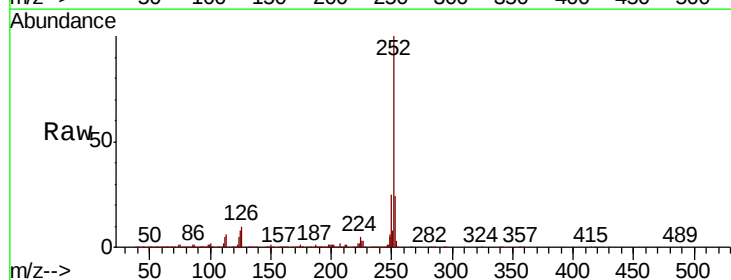
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.1	27.1
265	22.3	17.1	25.7

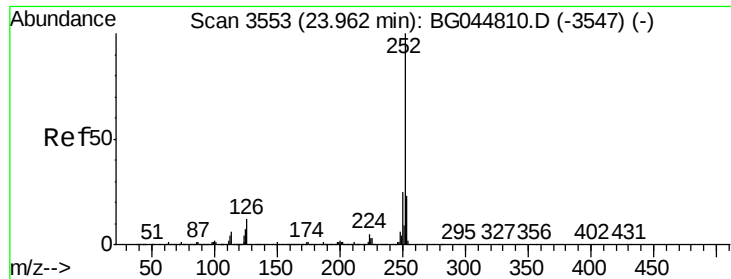


#88
Benzo(b)fluoranthene
Concen: 53.936 ng
RT: 23.90 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG044811.D
Acq: 16 Mar 2020 13:27

Tgt Ion:252 Resp: 1873362

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	7.8	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 52.096 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

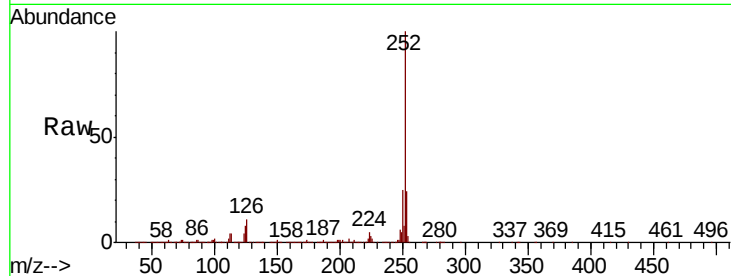
Tot Ion:252 Resp: 1712351

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

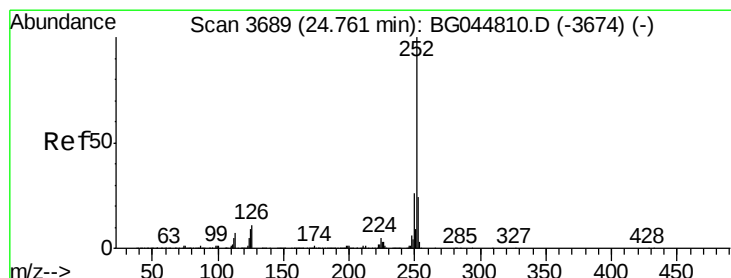
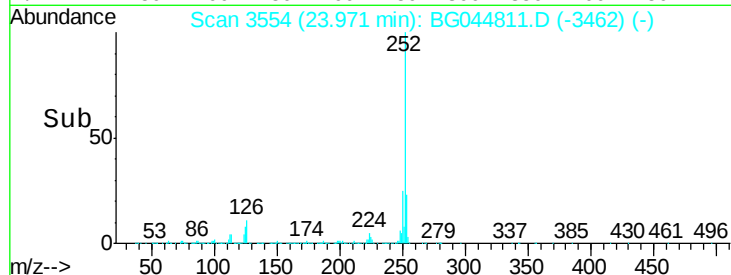
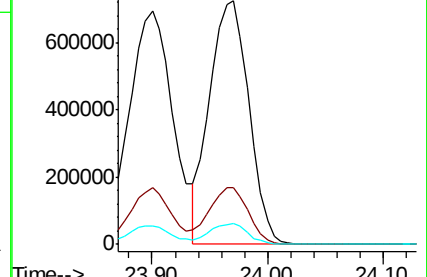
125 8.4 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.904 ng

RT: 24.76 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

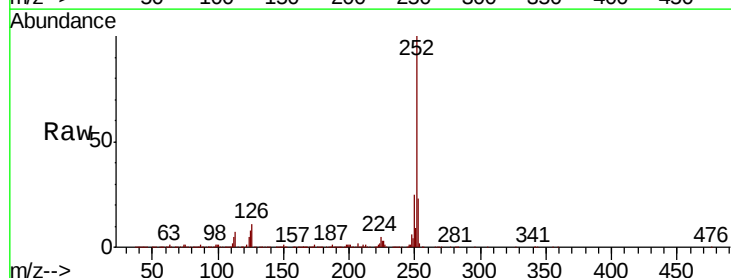
Tgt Ion:252 Resp: 1654398

Ion Ratio Lower Upper

252 100

253 22.6 19.4 29.0

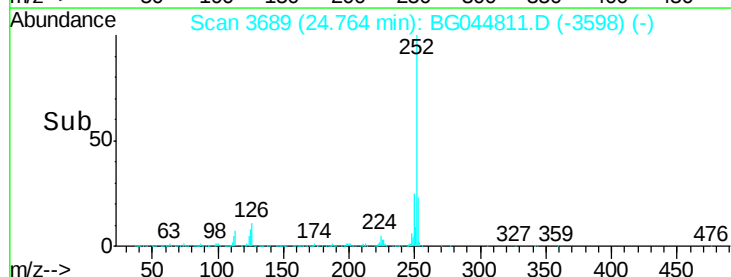
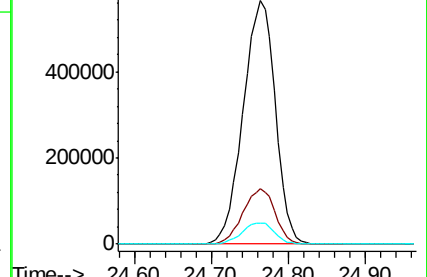
125 8.4 7.2 10.8

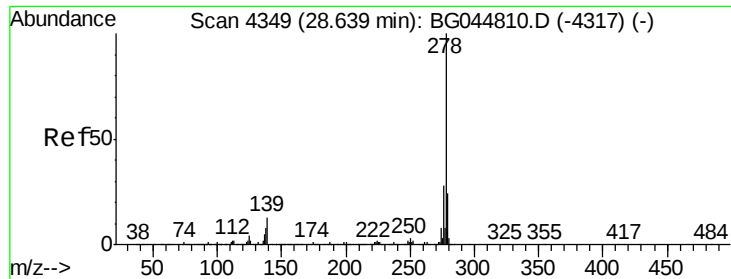


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 54.376 ng

RT: 28.65 min Scan# 4350

Delta R.T. 0.01 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

Instrument :

BNA_G

ClientSampleId :

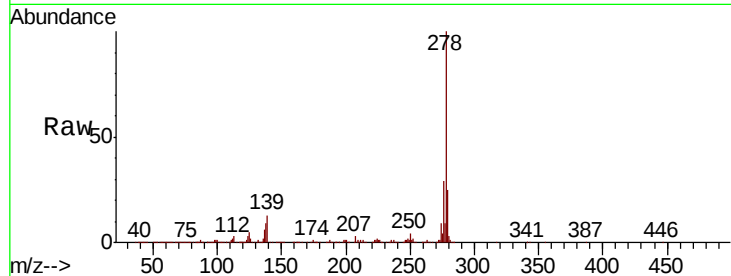
Tot Ion:278 Resp: 1743471

Ion Ratio Lower Upper

278 100

139 12.5 10.2 15.2

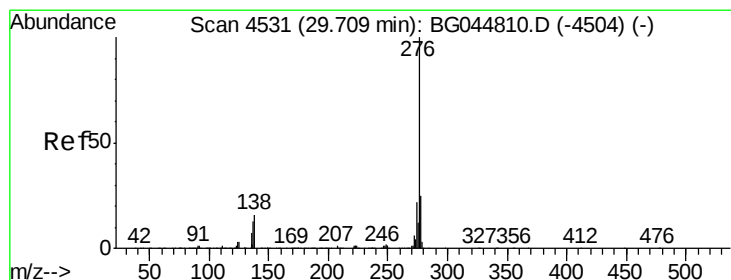
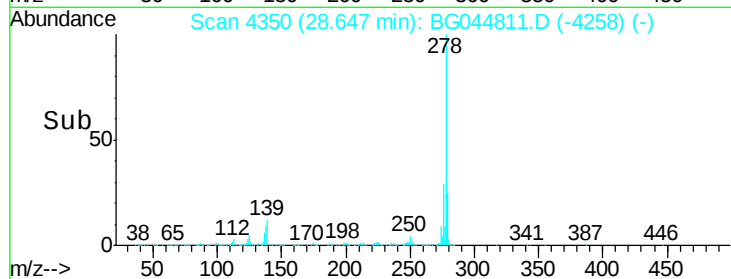
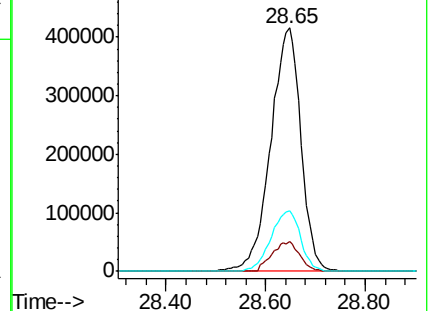
279 25.1 18.9 28.3



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: 55.160 ng

RT: 29.71 min Scan# 4531

Delta R.T. 0.00 min

Lab File: BG044811.D

Acq: 16 Mar 2020 13:27

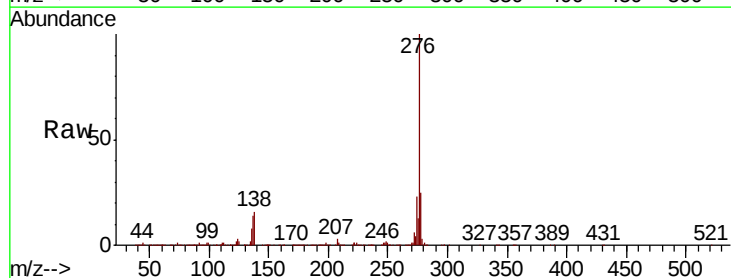
Tgt Ion:276 Resp: 1786871

Ion Ratio Lower Upper

276 100

277 24.8 20.1 30.1

138 15.9 13.0 19.6



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

