

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044254.D
 Acq On : 31 Jan 2020 10:58
 Operator : CG/JU
 Sample : PB126472BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 23:27:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	82231	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	340461	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	224952	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	520189	20.00	ng	0.00
76) Chrysene-d12	21.55	240	478134	20.00	ng	0.00
87) Perylene-d12	24.64	264	532109	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	587994	126.20	ng	0.00
7) Phenol-d6	7.09	99	772563	123.47	ng	0.00
23) Nitrobenzene-d5	9.07	82	414553	68.74	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	324815	123.00	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	956188	71.18	ng	0.00
79) Terphenyl-d14	19.91	244	1600141	68.84	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	84721	40.470	ng	99
3) Pyridine	3.77	79	193387	34.673	ng	97
4) n-Nitrosodimethylamine	3.68	42	97063	41.647	ng	100
6) Aniline	7.24	93	250636	32.272	ng	99
8) 2-Chlorophenol	7.48	128	229225	44.763	ng	99
9) Benzaldehyde	7.04	77	115302	32.356	ng	99
10) Phenol	7.12	94	281846	45.516	ng	97
11) bis(2-Chloroethyl)ether	7.33	93	217781	41.138	ng	97
12) 1,3-Dichlorobenzene	7.81	146	247535	40.486	ng	98
13) 1,4-Dichlorobenzene	7.95	146	249062	41.130	ng	98
14) 1,2-Dichlorobenzene	8.27	146	234595	40.986	ng	100
15) Benzyl Alcohol	8.15	79	187236	42.268	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	277562	38.737	ng	98
17) 2-Methylphenol	8.36	107	195071	44.154	ng	97
18) Hexachloroethane	9.00	117	92374	40.651	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	167707	40.218	ng	98
20) 3+4-Methylphenols	8.69	107	269663	44.289	ng	99
22) Acetophenone	8.73	105	317934	38.387	ng	# 99
24) Nitrobenzene	9.11	77	237138	40.280	ng	99
25) Isophorone	9.64	82	455808	40.552	ng	99
26) 2-Nitrophenol	9.83	139	128190	41.963	ng	97
27) 2,4-Dimethylphenol	9.89	122	219791	50.969	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	295707	39.437	ng	99
29) 2,4-Dichlorophenol	10.36	162	228228	43.770	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	232951	38.963	ng	100
31) Naphthalene	10.76	128	678338	41.066	ng	100
32) Benzoic acid	10.04	122	56484	28.186	ng	96
33) 4-Chloroaniline	10.87	127	181189	24.118	ng	99
34) Hexachlorobutadiene	11.06	225	138277	37.586	ng	98
35) Caprolactam	11.63	113	37836	19.809	ng	98
36) 4-Chloro-3-methylphenol	12.00	107	239923	43.887	ng	99
37) 2-Methylnaphthalene	12.38	142	503773	41.076	ng	99
38) 1-Methylnaphthalene	12.60	142	480843	41.586	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	247599	36.796	ng	99

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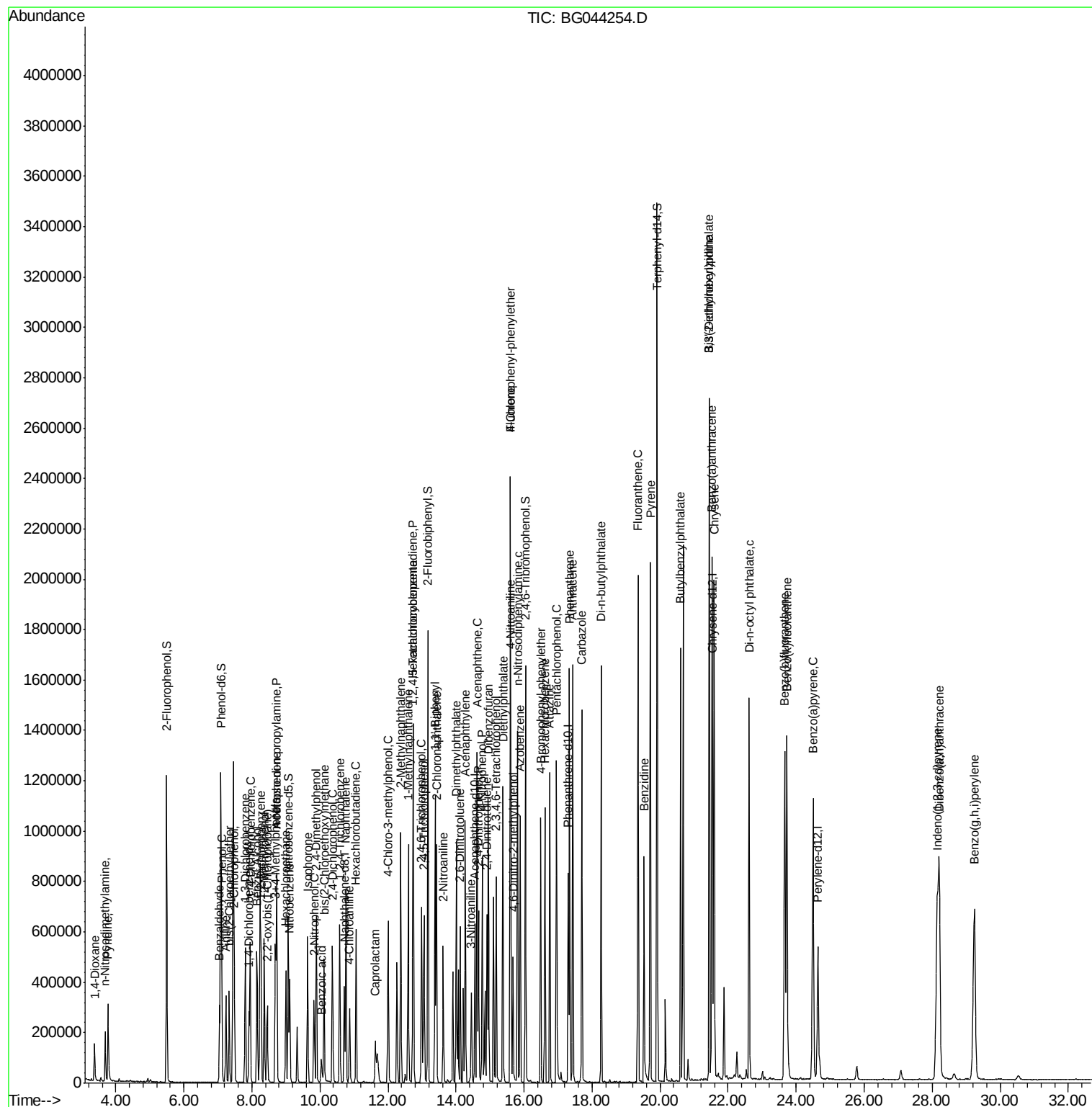
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	309140	95.745	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	176046	40.475	ng	100
44) 2,4,5-Trichlorophenol	13.06	196	196745	44.286	ng	100
46) 1,1'-Biphenyl	13.38	154	642366	39.589	ng	100
47) 2-Chloronaphthalene	13.43	162	502290	38.901	ng	99
48) 2-Nitroaniline	13.63	65	150520	39.501	ng	97
49) Acenaphthylene	14.27	152	800326	42.260	ng	99
50) Dimethylphthalate	14.01	163	669498	41.403	ng	100
51) 2,6-Dinitrotoluene	14.12	165	150052	41.619	ng	99
52) Acenaphthene	14.62	154	491933	40.075	ng	100
53) 3-Nitroaniline	14.45	138	106765	26.766	ng	99
54) 2,4-Dinitrophenol	14.66	184	172777	80.791	ng	99
55) Dibenzofuran	14.95	168	780465	41.994	ng	100
56) 4-Nitrophenol	14.77	139	284579	97.397	ng	99
57) 2,4-Dinitrotoluene	14.91	165	213485	42.247	ng	99
58) Fluorene	15.60	166	621968	42.489	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	178178	44.402	ng	99
60) Diethylphthalate	15.38	149	681768	42.313	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	323145	40.714	ng	98
62) 4-Nitroaniline	15.62	138	150882	37.855	ng	99
63) Azobenzene	15.89	77	601968	42.628	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	130398	45.412	ng	97
66) n-Nitrosodiphenylamine	15.81	169	590900	40.534	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	218373	38.531	ng	99
68) Hexachlorobenzene	16.61	284	239191	37.672	ng	98
69) Atrazine	16.76	200	234777	46.987	ng	99
70) Pentachlorophenol	16.96	266	264346	82.239	ng	97
71) Phenanthrene	17.34	178	1031125	40.935	ng	99
72) Anthracene	17.43	178	1063331	42.698	ng	99
73) Carbazole	17.70	167	982255	42.784	ng	100
74) Di-n-butylphthalate	18.27	149	1228735	43.310	ng	99
75) Fluoranthene	19.35	202	1274981	43.755	ng	99
77) Benzidine	19.53	184	585725	44.165	ng	99
78) Pyrene	19.71	202	1277251	41.596	ng	99
80) Butylbenzylphthalate	20.61	149	566320	40.472	ng	99
81) Benzo(a)anthracene	21.53	228	1216105	41.269	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	329755	28.833	ng	99
83) Chrysene	21.59	228	1160849	40.755	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	793552	41.202	ng	99
85) Di-n-octyl phthalate	22.61	149	1378555	41.368	ng	100
86) Indeno(1,2,3-cd)pyrene	28.14	276	1497316	40.293	ng	# 92
88) Benzo(b)fluoranthene	23.67	252	1311792	42.782	ng	99
89) Benzo(k)fluoranthene	23.72	252	1261148	42.201	ng	100
90) Benzo(a)pyrene	24.49	252	1193170	41.157	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1228302	42.811	ng	99
92) Benzo(g,h,i)perylene	29.24	276	1257505	43.782	ng	98

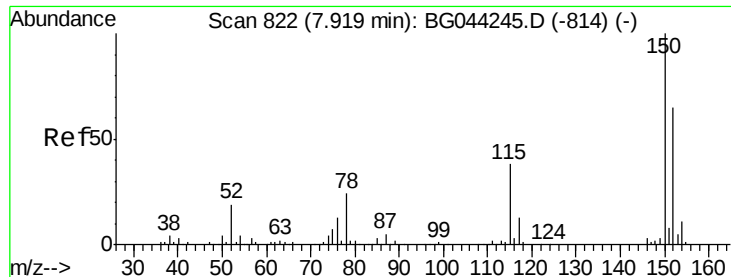
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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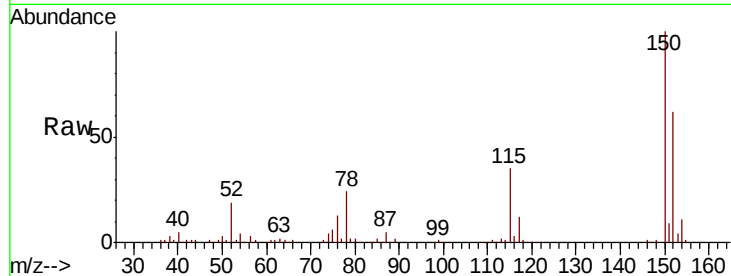


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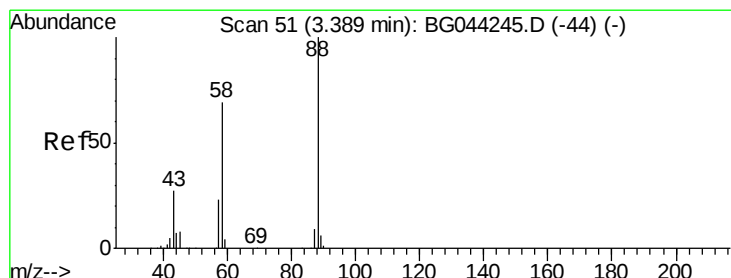
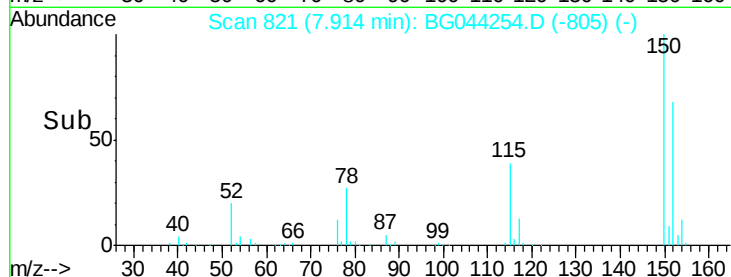
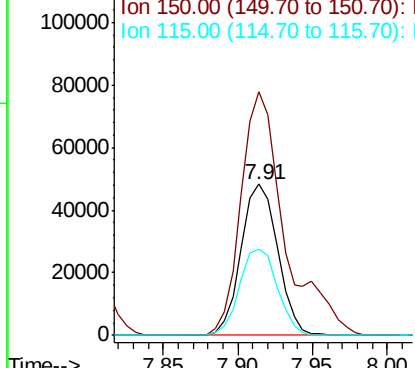
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 82231
Ion Ratio Lower Upper
152 100
150 161.2 122.6 183.8
115 57.2 46.0 69.0



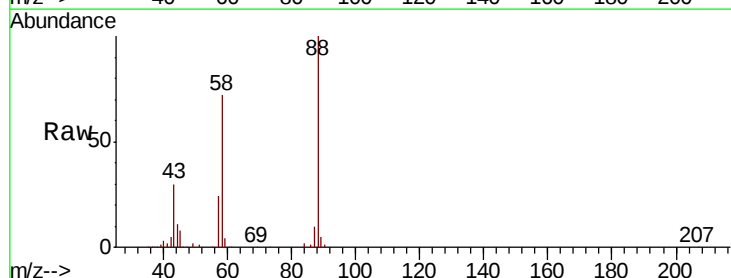
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



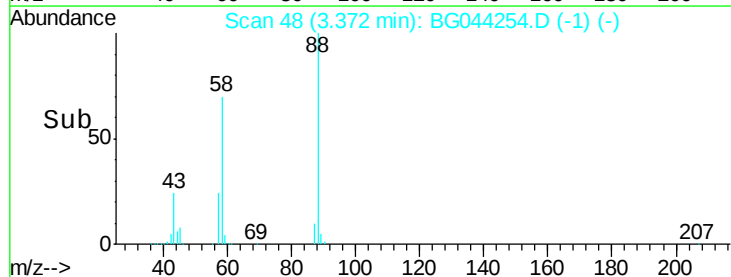
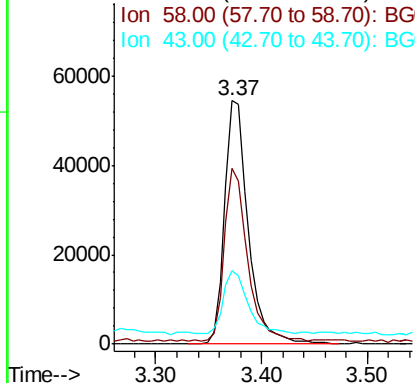
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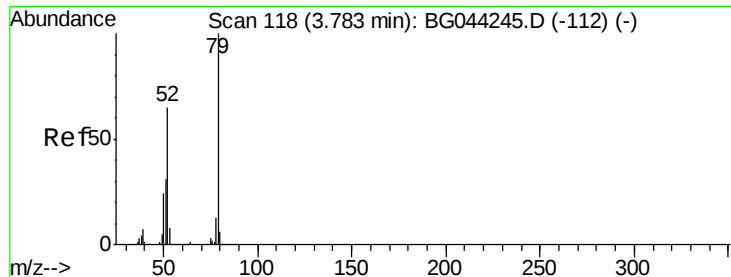
1,4-Dioxane
Concen: 40.470 ng
RT: 3.37 min Scan# 48
Delta R.T. -0.02 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion: 88 Resp: 84721
Ion Ratio Lower Upper
88 100
58 68.7 55.8 83.6
43 27.0 21.6 32.4



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: 34.673 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampleId :

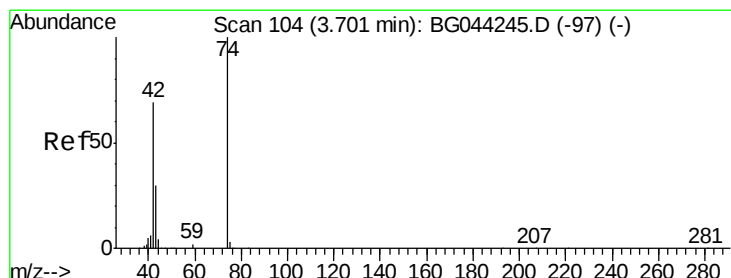
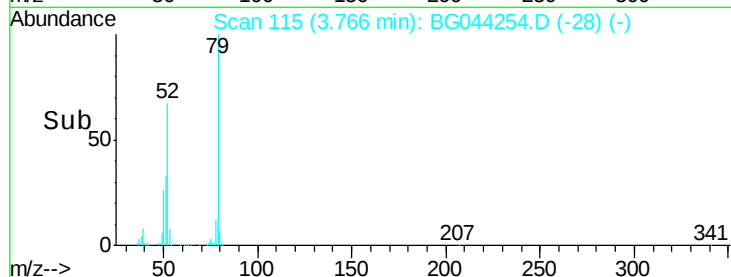
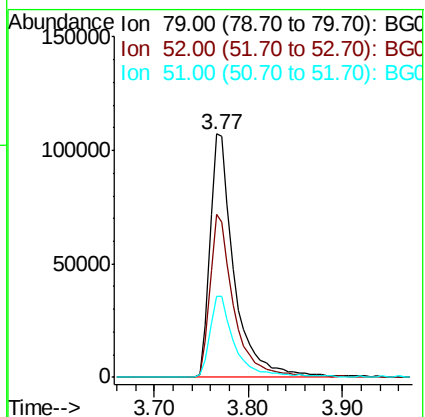
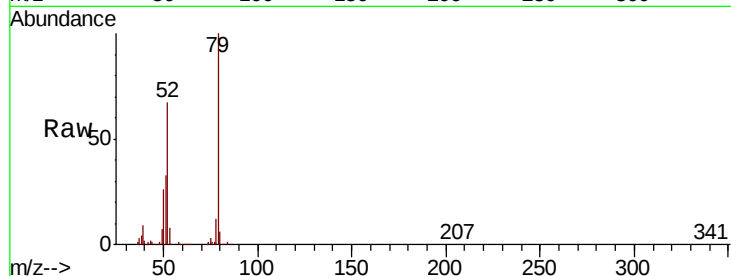
Tot Ion: 79 Resp: 193387

Ion Ratio Lower Upper

79 100

52 67.0 51.9 77.9

51 33.3 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 41.647 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

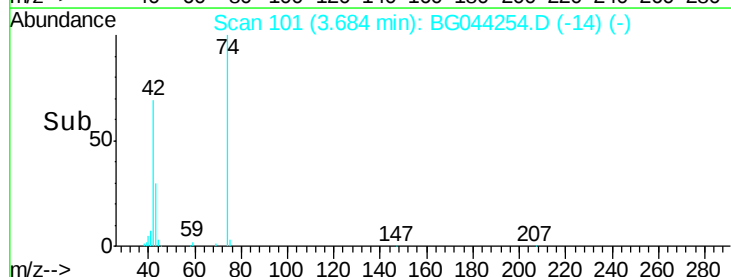
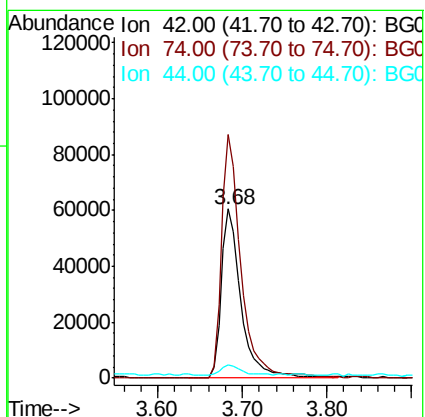
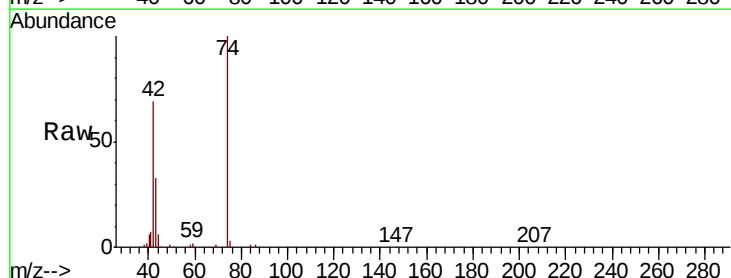
Tgt Ion: 42 Resp: 97063

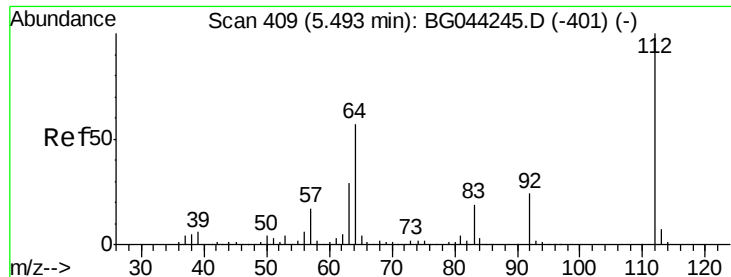
Ion Ratio Lower Upper

42 100

74 144.0 115.1 172.7

44 8.1 5.6 8.4





#5

2-Fluorophenol

Concen: 126.195 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampled :

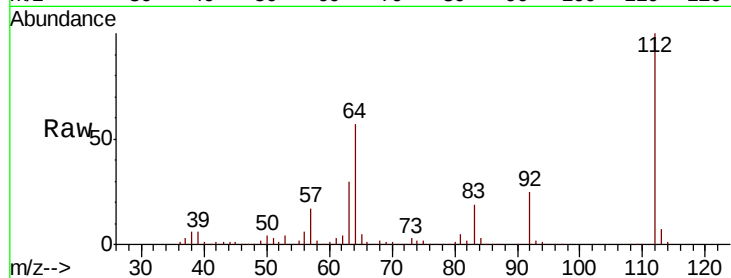
Tot Ion:112 Resp: 587994

Ion Ratio Lower Upper

112 100

64 56.8 45.4 68.2

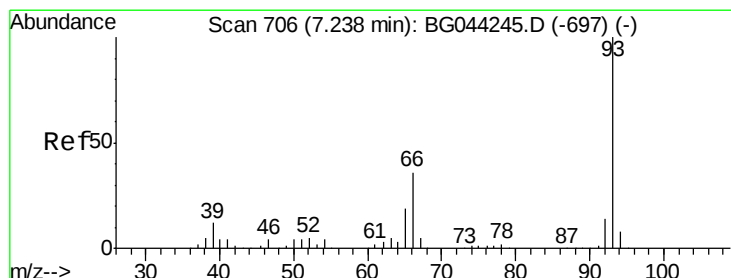
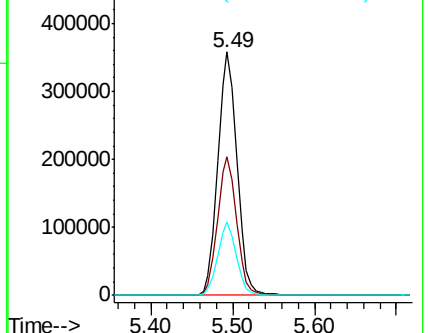
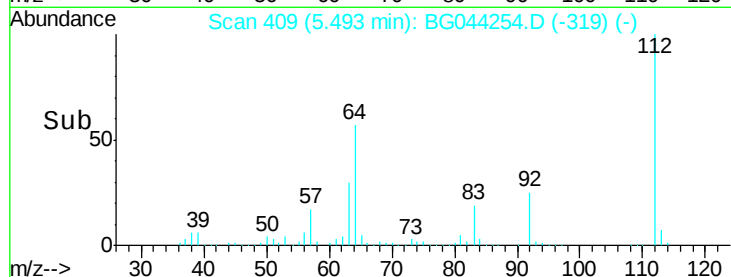
63 30.0 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.272 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

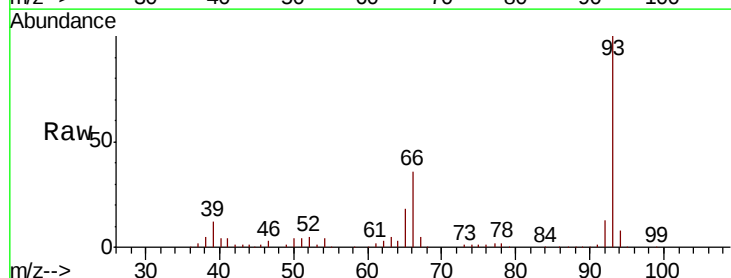
Tgt Ion: 93 Resp: 250636

Ion Ratio Lower Upper

93 100

66 35.8 28.7 43.1

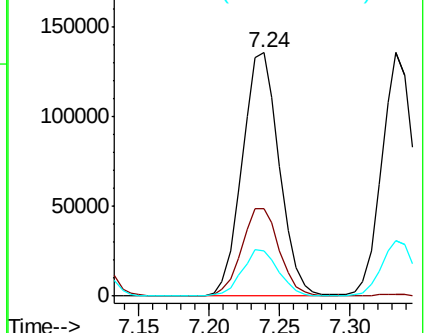
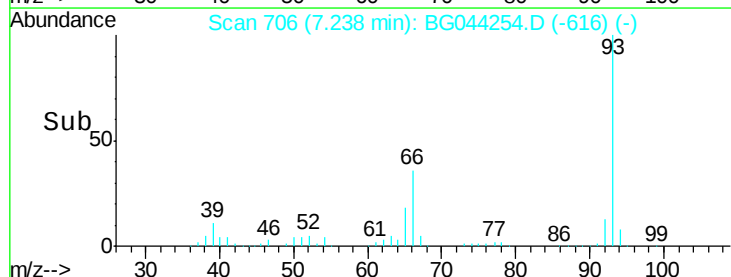
65 18.5 15.4 23.0

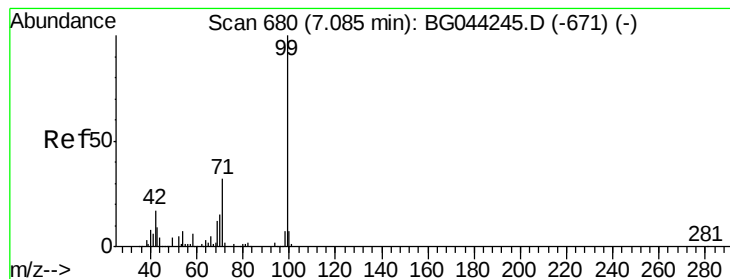


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.474 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampled :

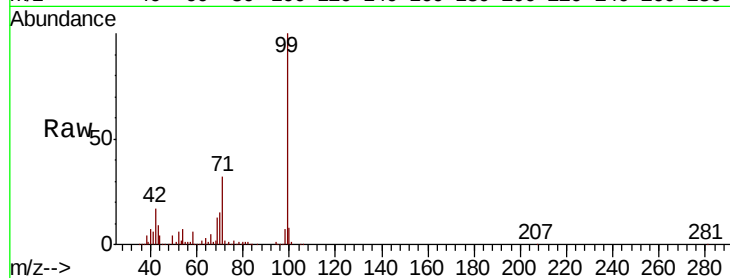
Tot Ion: 99 Resp: 772563

Ion Ratio Lower Upper

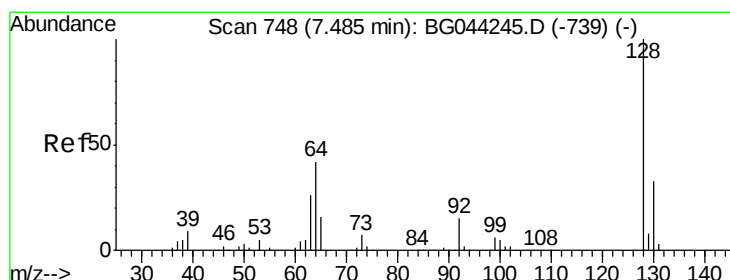
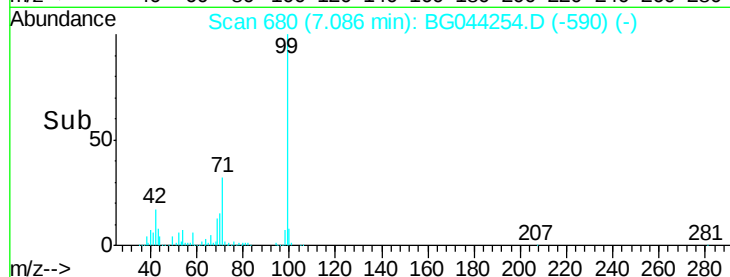
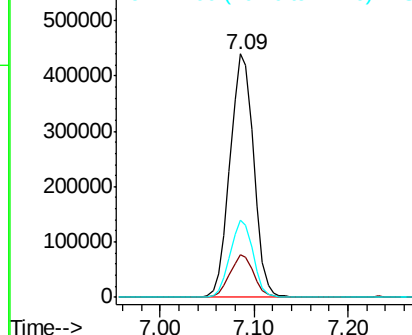
99 100

42 17.3 13.8 20.6

71 32.0 25.5 38.3



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: 44.763 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

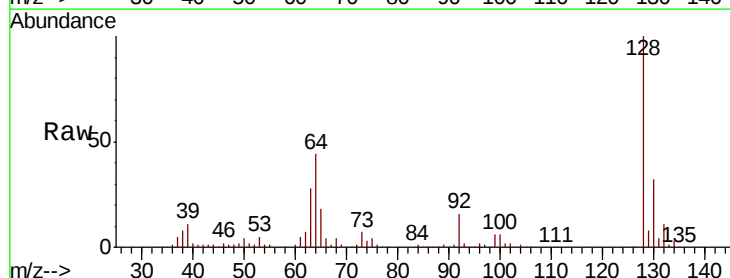
Tgt Ion: 128 Resp: 229225

Ion Ratio Lower Upper

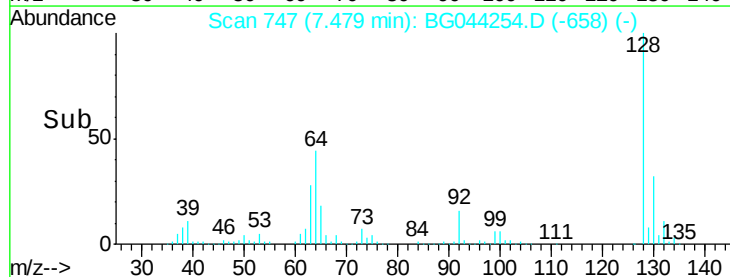
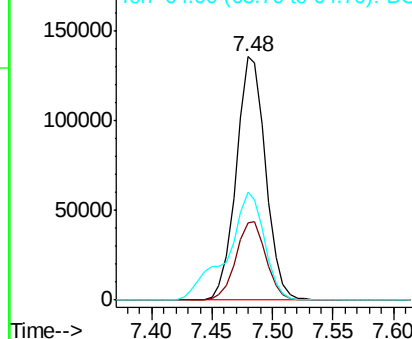
128 100

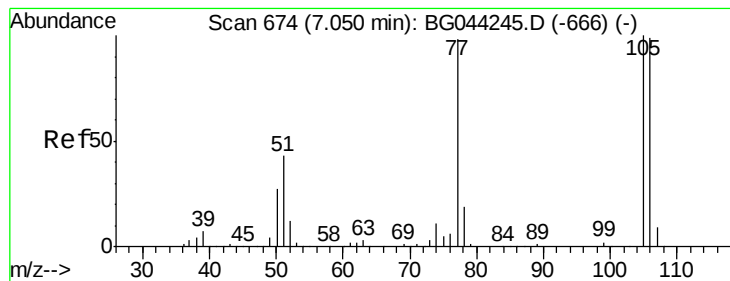
130 31.6 12.5 52.5

64 44.4 24.2 64.2



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: 32.356 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044254.D

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ClientSampleId :

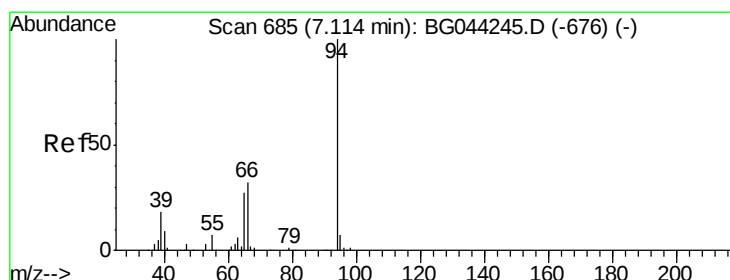
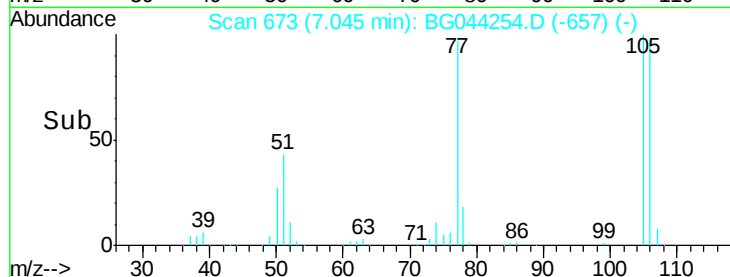
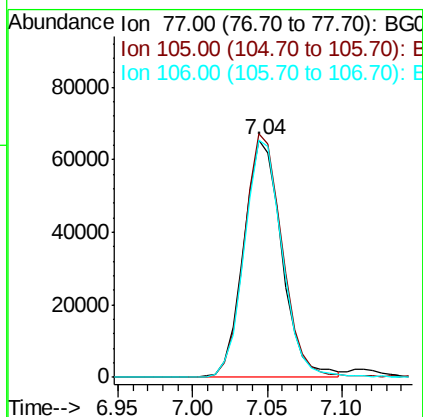
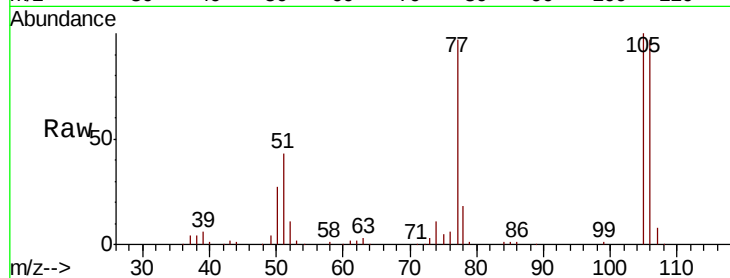
Tot Ion: 77 Resp: 115302

Ion Ratio Lower Upper

77 100

105 102.6 82.0 122.0

106 99.8 80.7 120.7



#10

Phenol

Concen: 45.516 ng

RT: 7.12 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG044254.D

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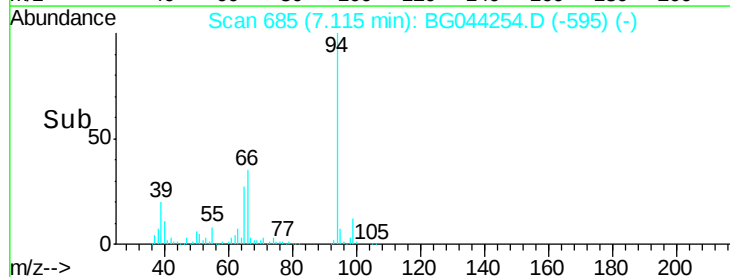
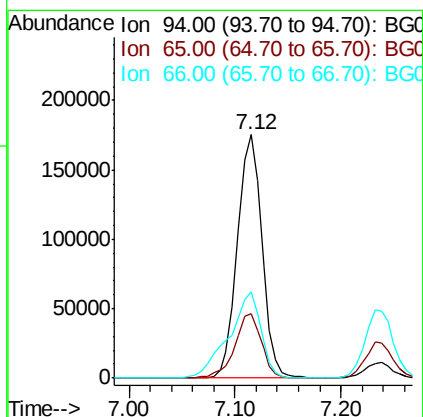
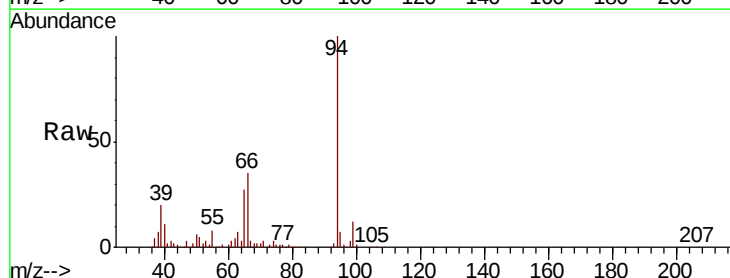
Tgt Ion: 94 Resp: 281846

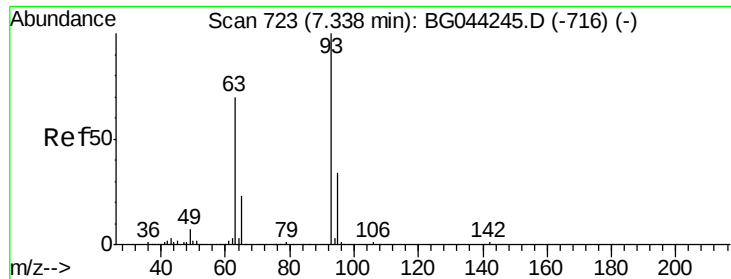
Ion Ratio Lower Upper

94 100

65 26.6 7.0 47.0

66 35.1 12.7 52.7

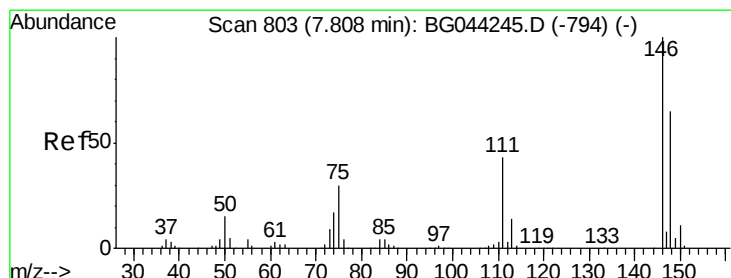
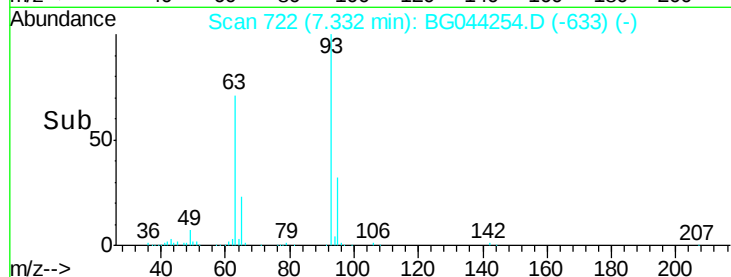
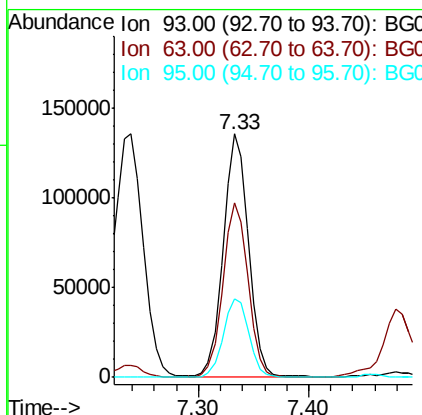
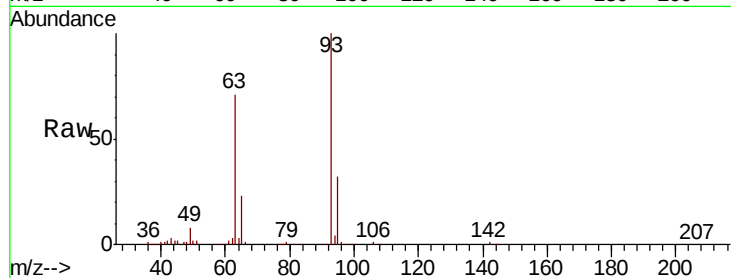




#11
 bis(2-Chloroethyl)ether
 Concen: 41.138 ng
 RT: 7.33 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

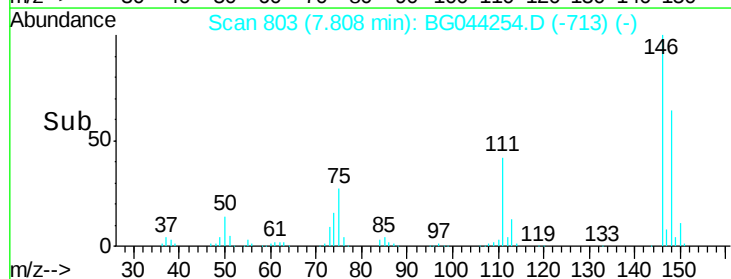
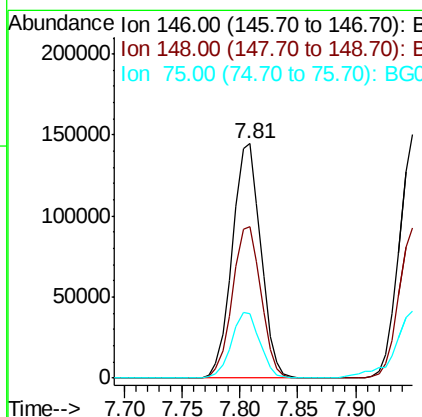
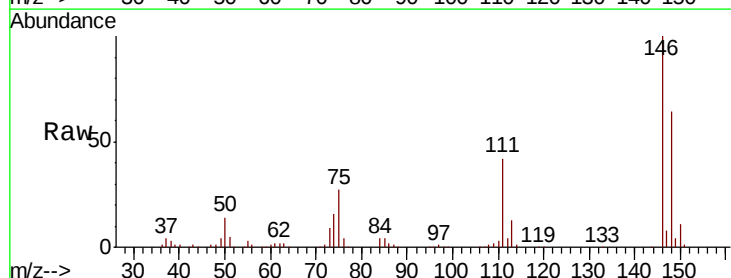
Instrument :
 BNA_G
 ClientSampleId :

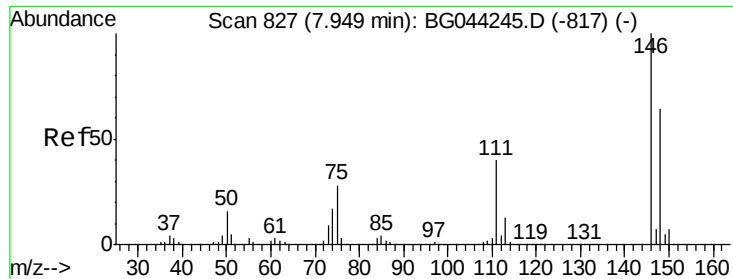
Tot Ion	93	Resp	217781
Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.2	89.2
95	32.2	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 40.486 ng
 RT: 7.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion	146	Resp	247535
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	27.4	23.7	35.5

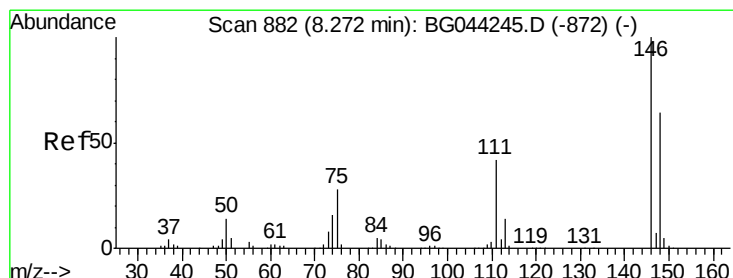
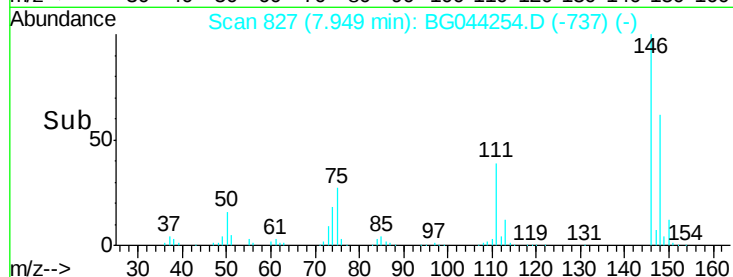
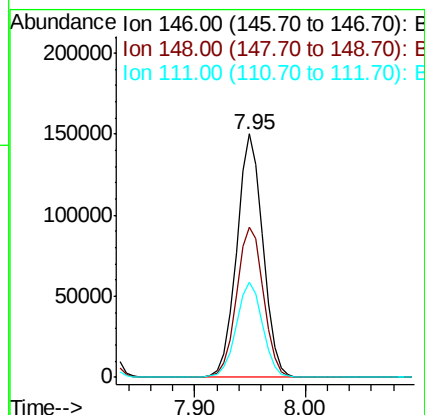
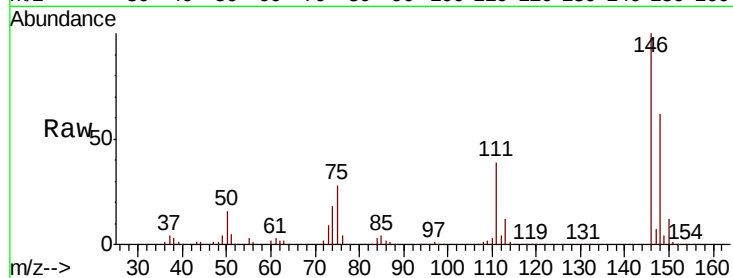




#13
 1,4-Dichlorobenzene
 Concen: 41.130 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

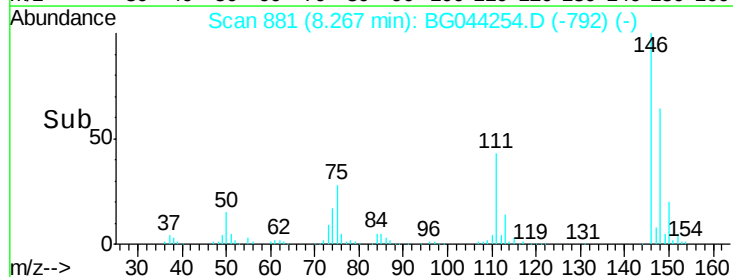
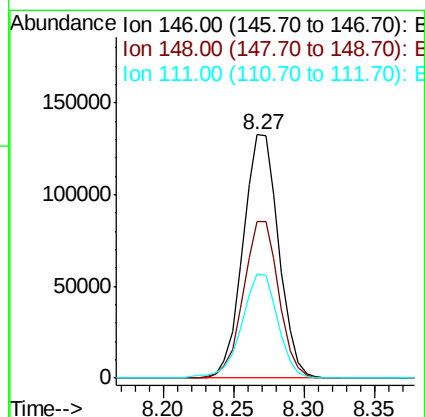
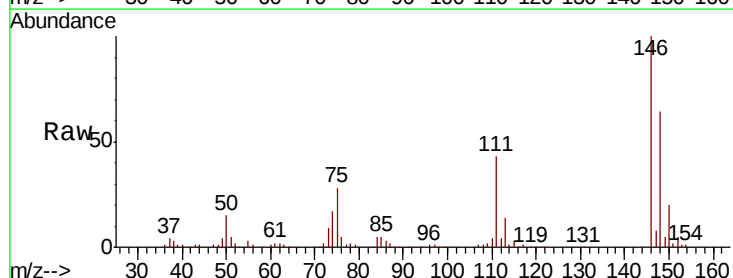
Instrument :
 BNA_G
 ClientSampleId :

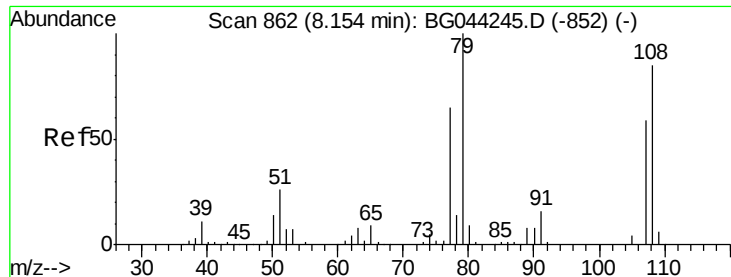
Tot Ion:146 Resp: 249062
 Ion Ratio Lower Upper
 146 100
 148 61.7 51.4 77.0
 111 39.0 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 40.986 ng
 RT: 8.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion:146 Resp: 234595
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 42.5 34.0 51.0





#15

Benzyl Alcohol

Concen: 42.268 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampled :

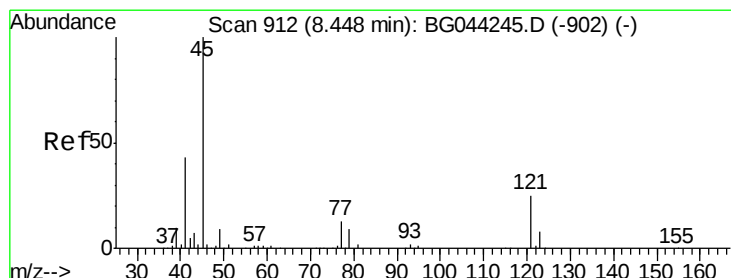
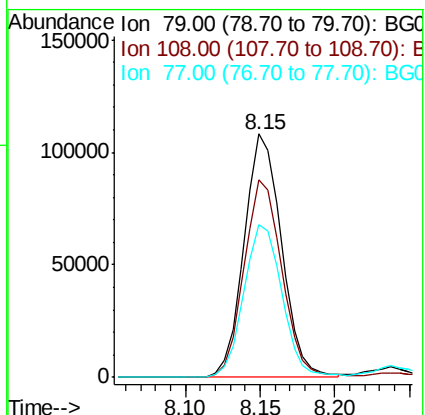
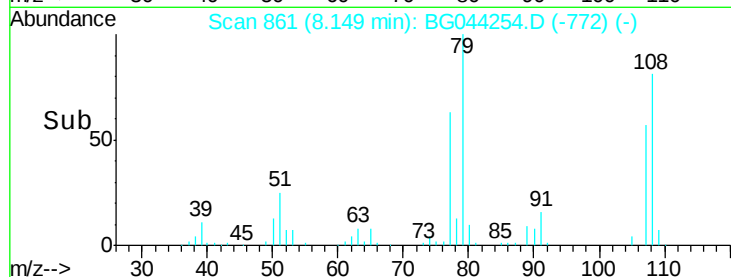
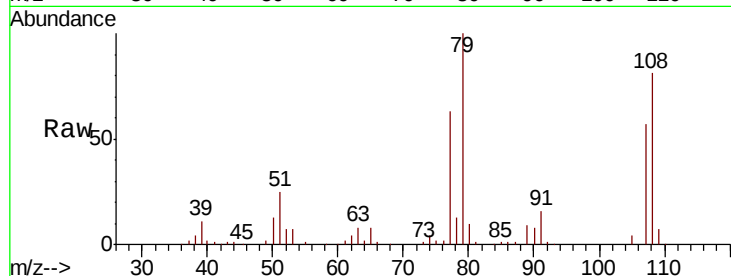
Tot Ion: 79 Resp: 187236

Ion Ratio Lower Upper

79 100

108 81.3 68.3 102.5

77 63.0 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.737 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

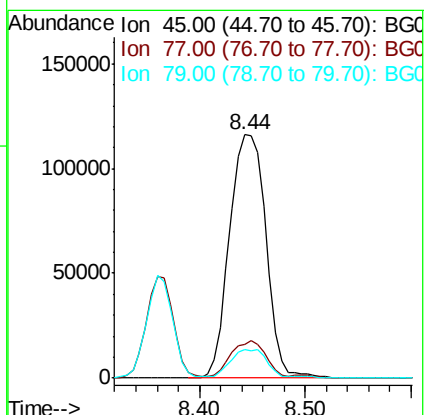
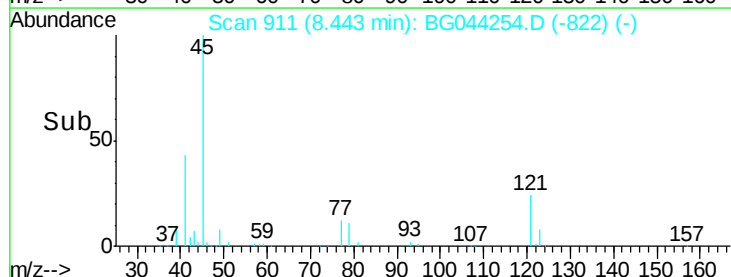
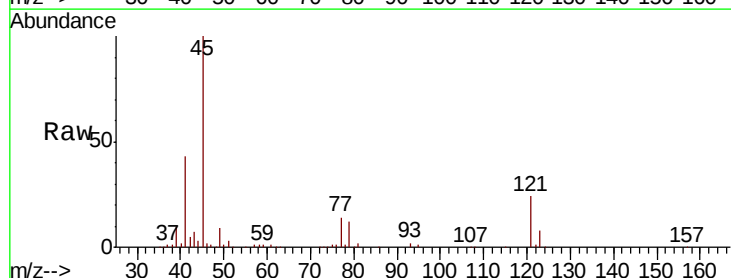
Tgt Ion: 45 Resp: 277562

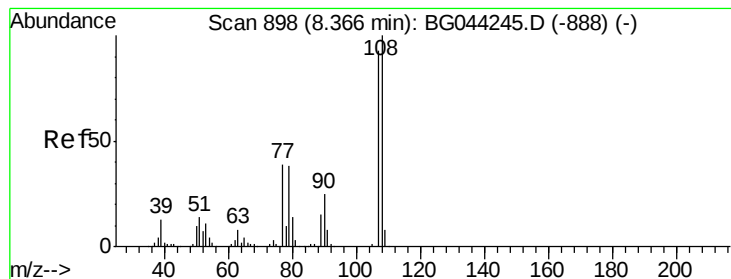
Ion Ratio Lower Upper

45 100

77 14.0 0.0 35.2

79 11.7 0.0 31.1





#17

2-Methylphenol

Concen: 44.154 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 195071

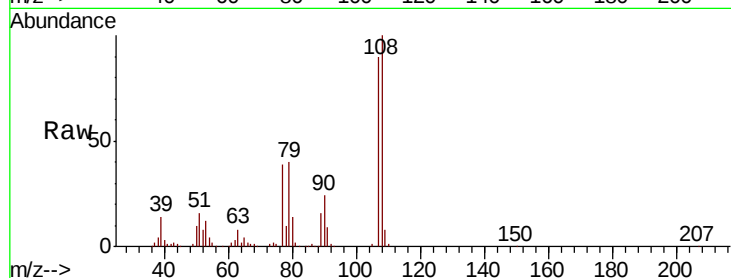
Ion Ratio Lower Upper

107 100

108 110.7 86.4 129.6

77 43.6 34.0 51.0

79 43.9 32.9 49.3

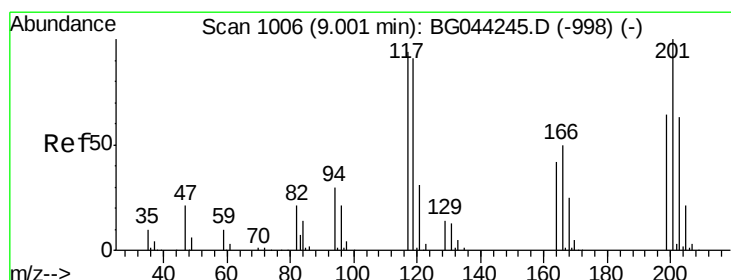
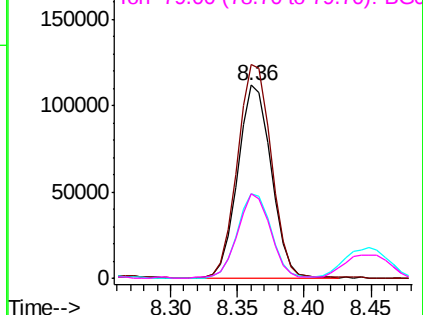
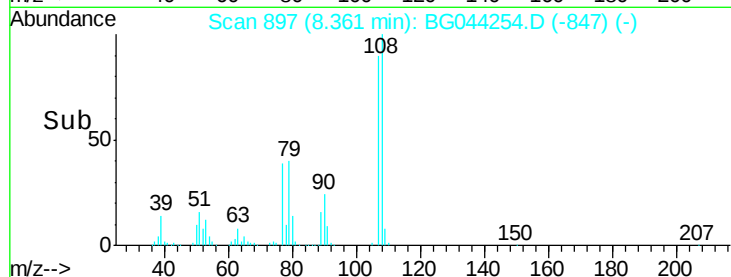


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.651 ng

RT: 9.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

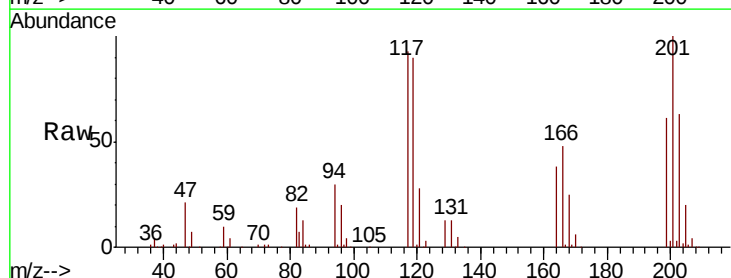
Tgt Ion:117 Resp: 92374

Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3

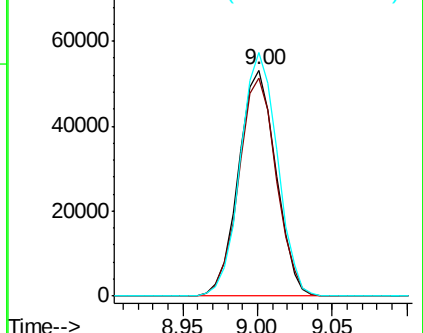
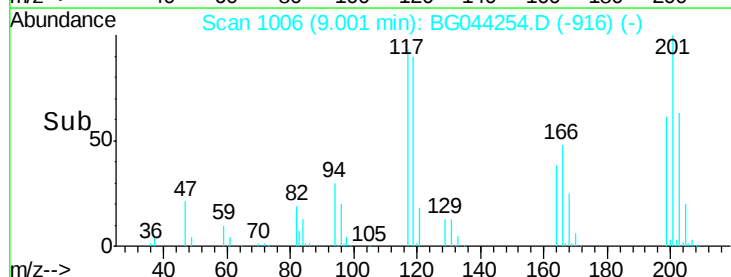
201 107.6 84.9 127.3

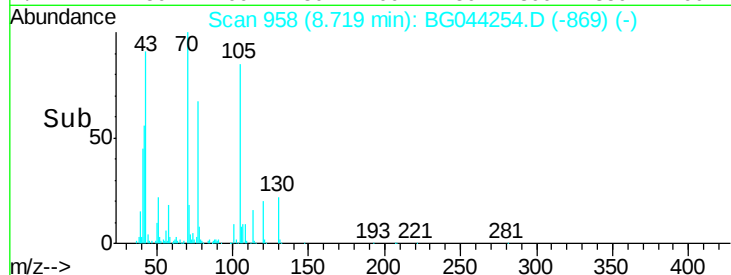
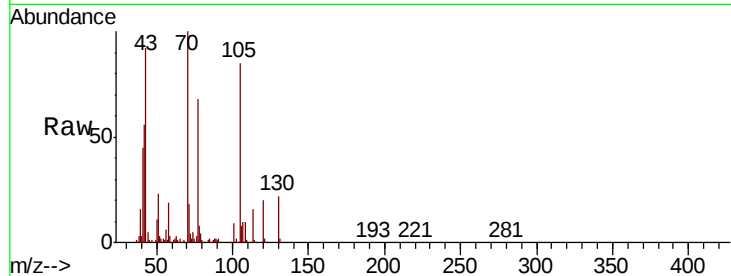


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

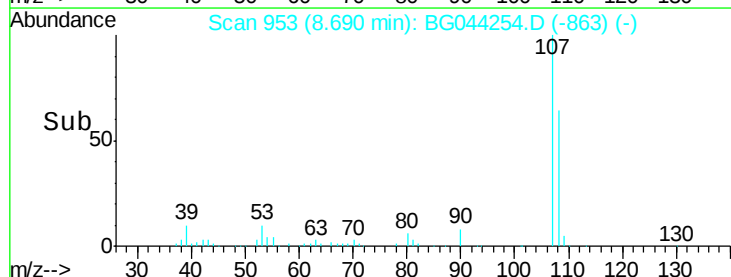
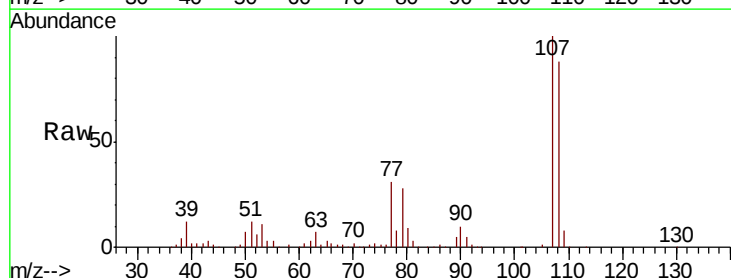
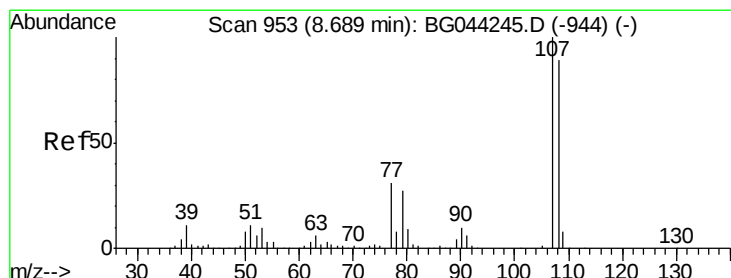
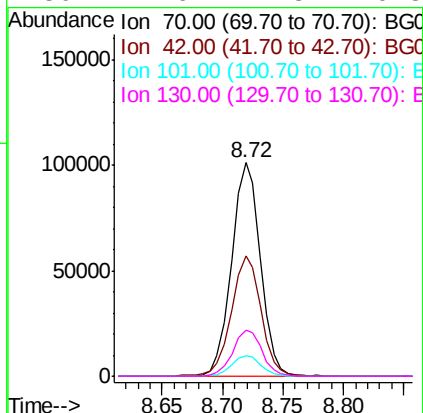




#19
n-Nitroso-di-n-propylamine
Concen: 40.218 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

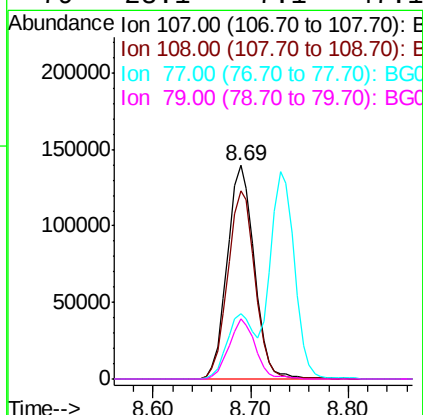
Instrument :
BNA_G
ClientSampleId :

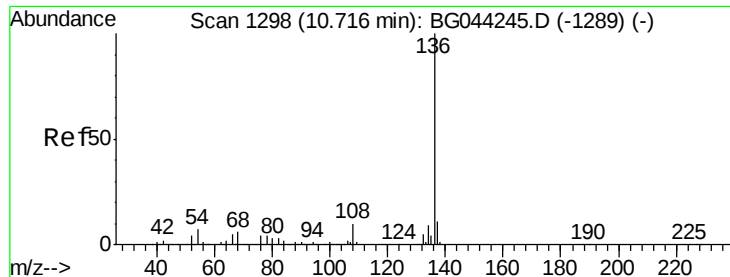
Tot Ion:	70	Resp:	167707
Ion	Ratio	Lower	Upper
70	100		
42	56.3	46.2	69.2
101	9.4	8.4	12.6
130	21.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 44.289 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:	107	Resp:	269663
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.5	108.5
77	30.6	10.9	50.9
79	28.1	7.1	47.1

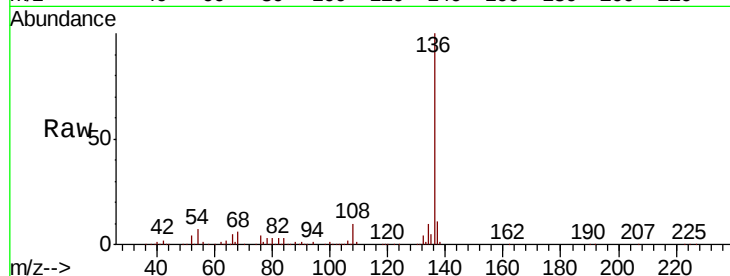




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	340461
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.0	5.8	8.8
68	6.0	4.6	6.8



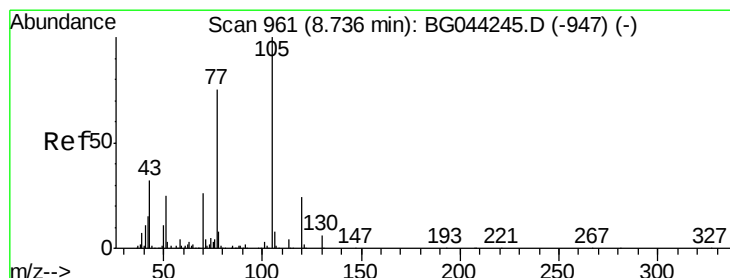
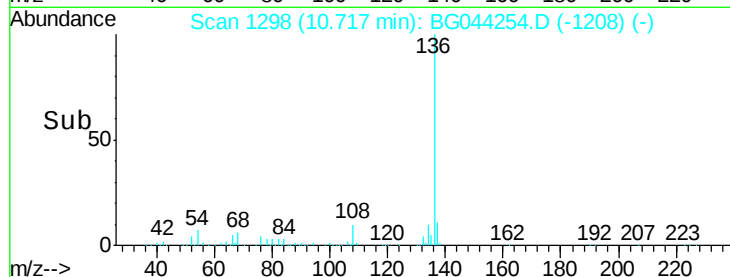
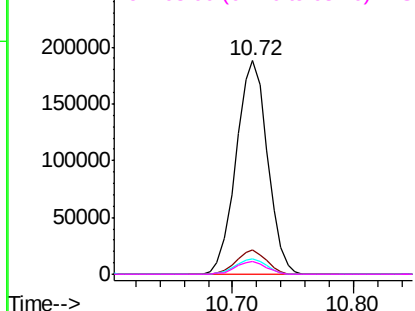
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

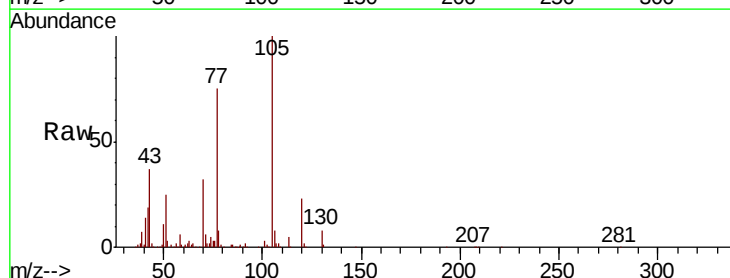
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.387 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:	105	Resp:	317934
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.4	5.0#
51	25.2	20.2	30.4
120	23.5	19.1	28.7



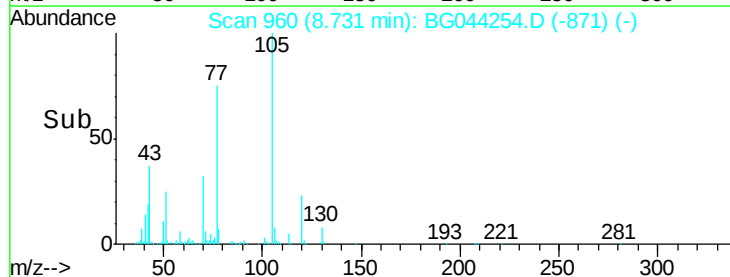
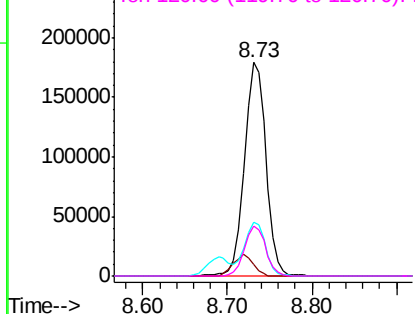
Abundance

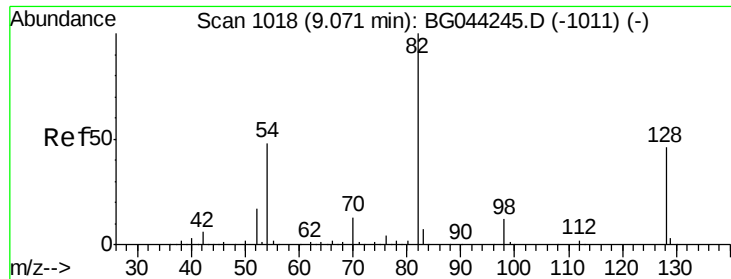
Ion 105.00 (104.70 to 105.70): E

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

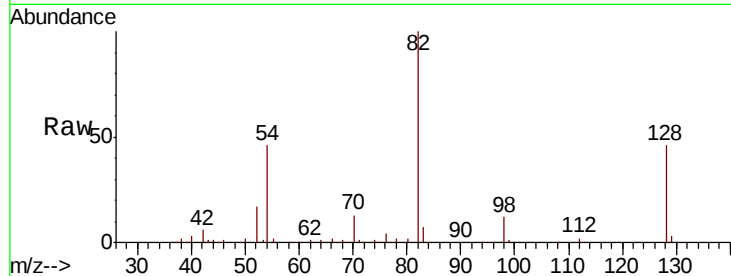




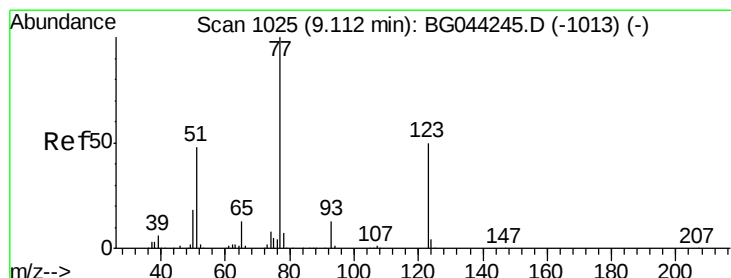
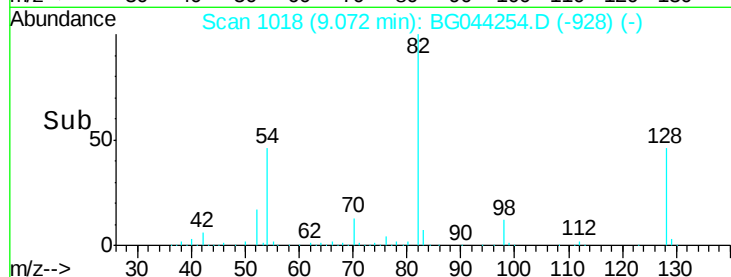
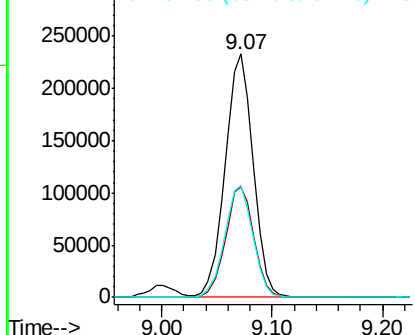
#23
 Nitrobenzene-d5
 Concen: 68.742 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	414553
Ion Ratio	100	Lower	Upper
128	45.6	36.5	54.7
54	45.9	38.6	58.0

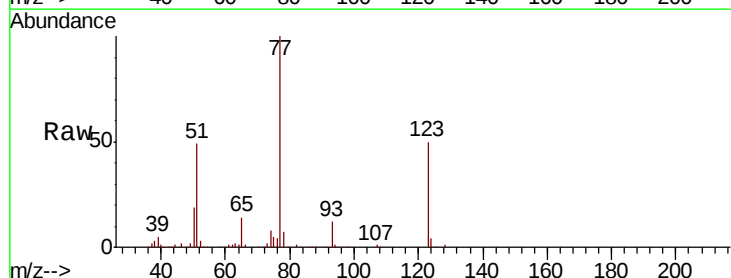


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

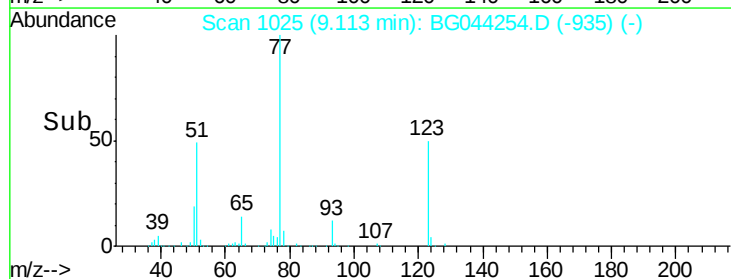
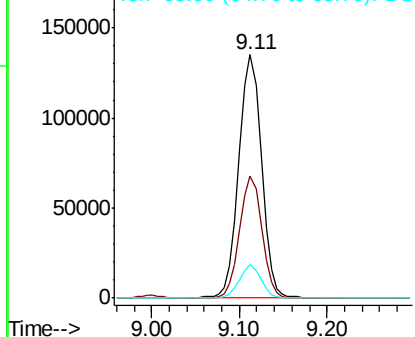


#24
 Nitrobenzene
 Concen: 40.280 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion	77	Resp	237138
Ion Ratio	100	Lower	Upper
123	50.3	39.9	59.9
65	13.6	10.4	15.6



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

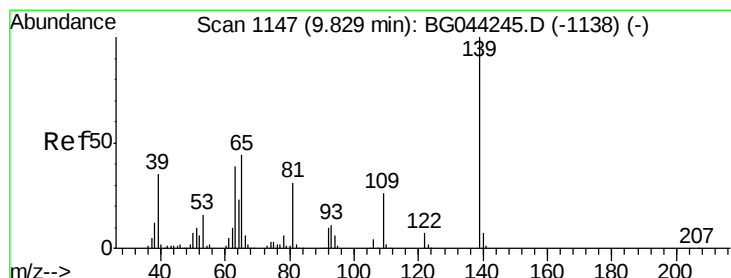
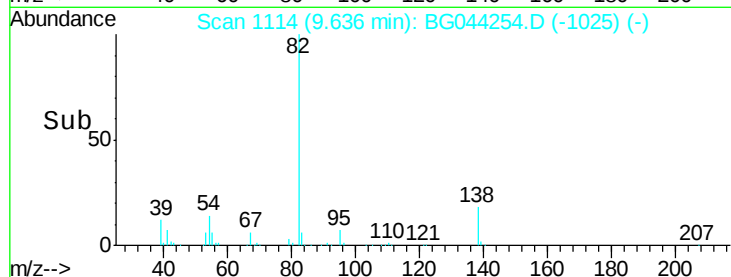
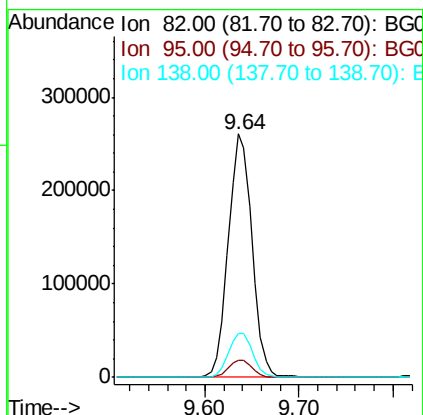
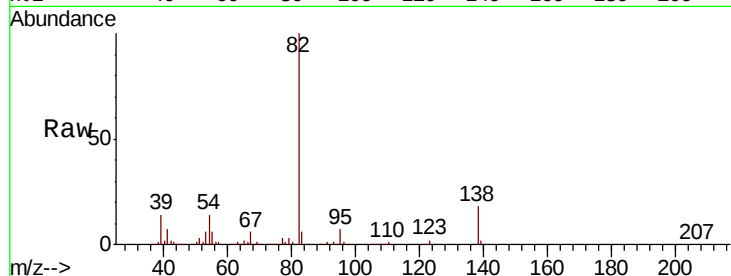




#25
Isophorone
Concen: 40.552 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

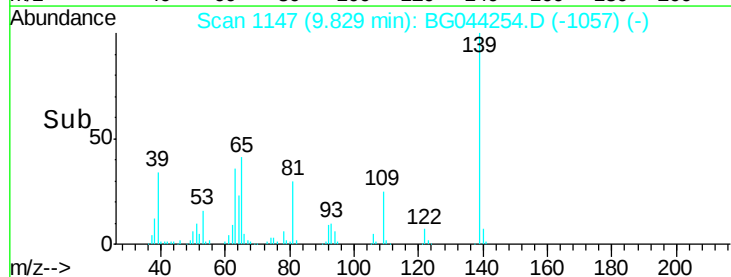
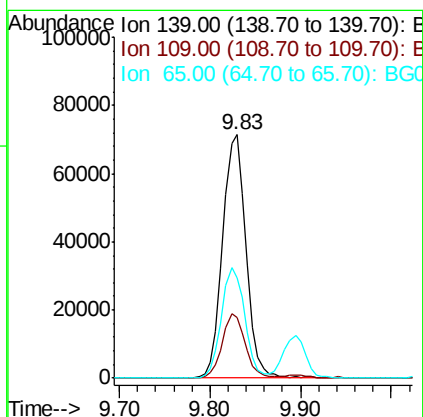
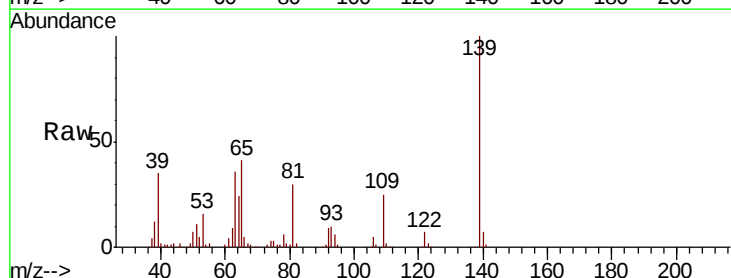
Instrument :
BNA_G
ClientSampleId :

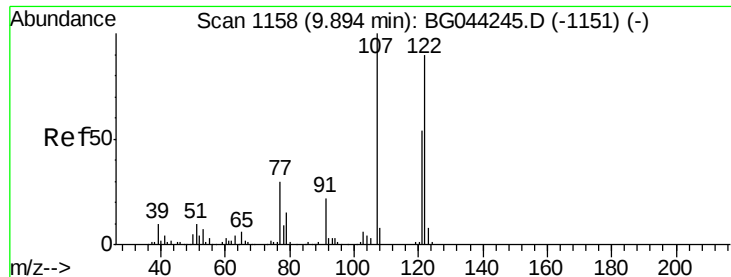
Tot Ion: 82 Resp: 455808
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.1 15.0 22.4



#26
2-Nitrophenol
Concen: 41.963 ng
RT: 9.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion: 139 Resp: 128190
Ion Ratio Lower Upper
139 100
109 25.0 21.0 31.4
65 41.2 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 50.969 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampled :

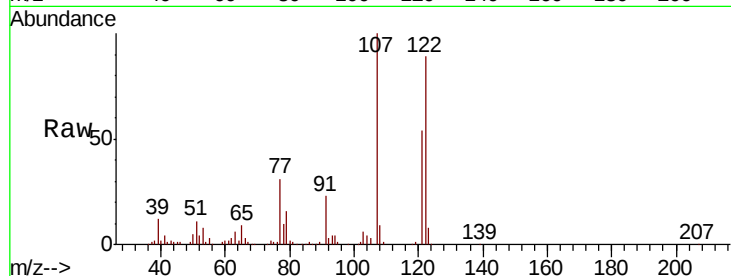
Tot Ion:122 Resp: 219791

Ion Ratio Lower Upper

122 100

107 112.0 88.8 133.2

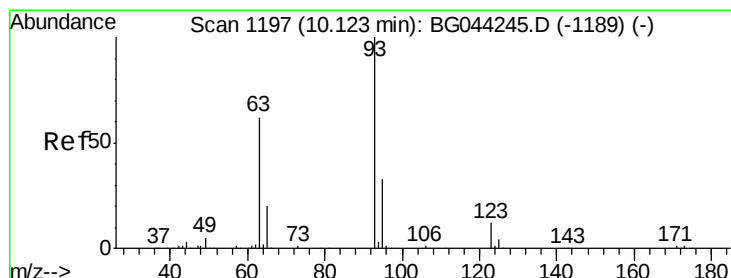
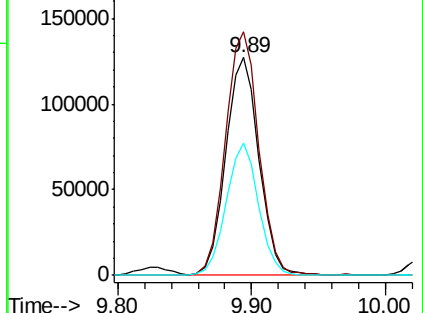
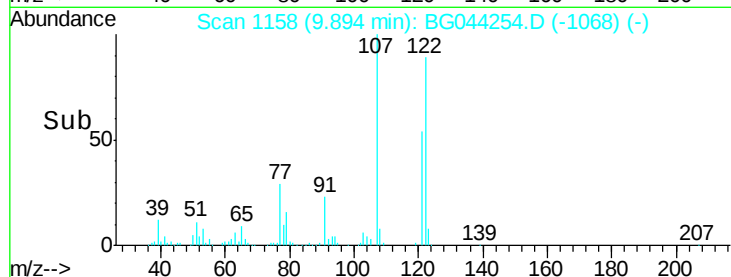
121 60.5 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.437 ng

RT: 10.12 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

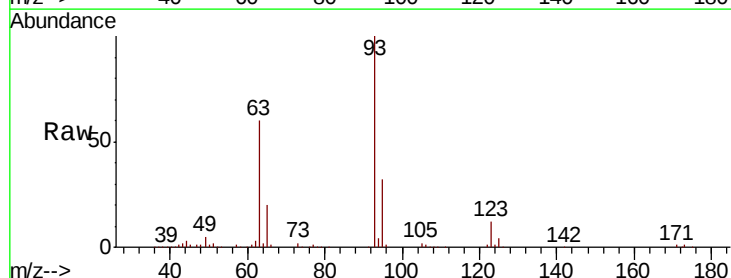
Tgt Ion: 93 Resp: 295707

Ion Ratio Lower Upper

93 100

95 32.4 26.6 40.0

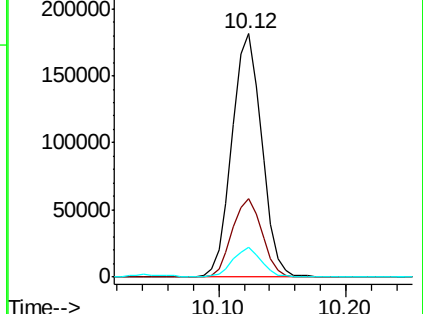
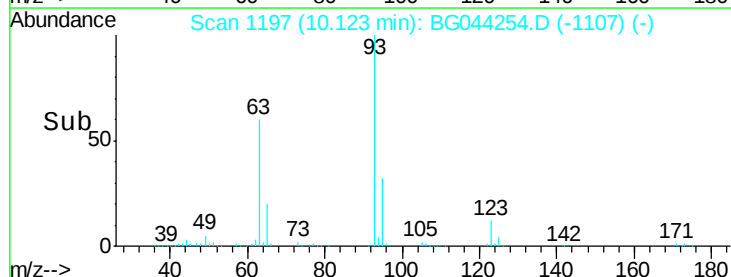
123 12.4 10.0 15.0

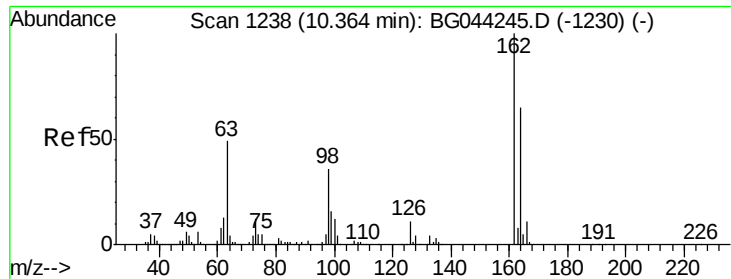


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

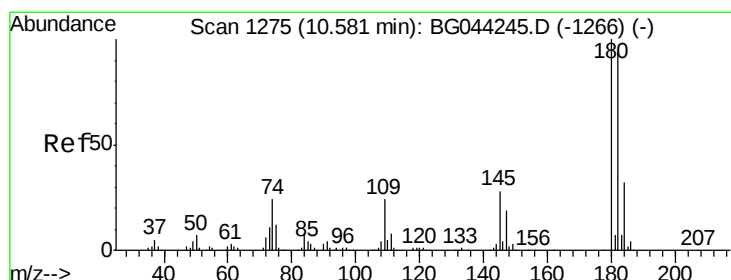
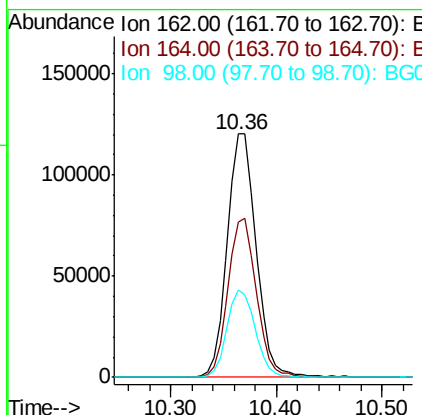
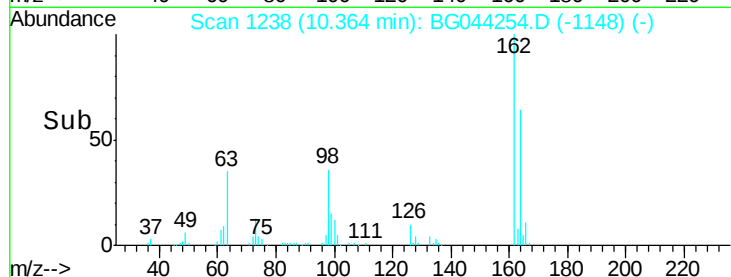
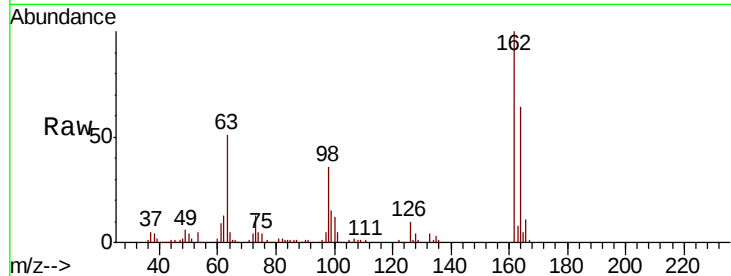




#29
 2,4-Dichlorophenol
 Concen: 43.770 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

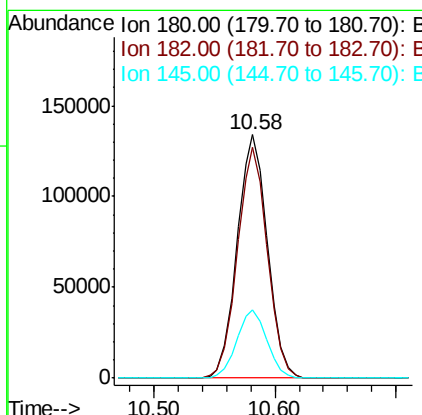
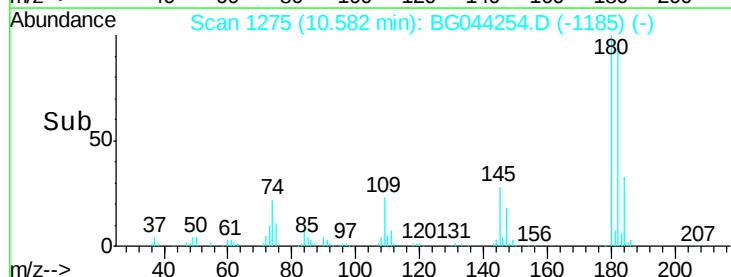
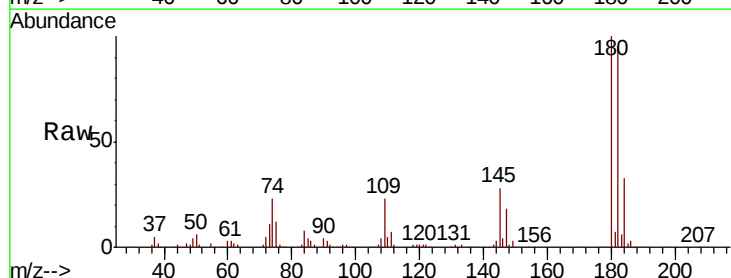
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.7	84.7
98	36.2	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.963 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.5	113.3
145	28.2	22.6	34.0

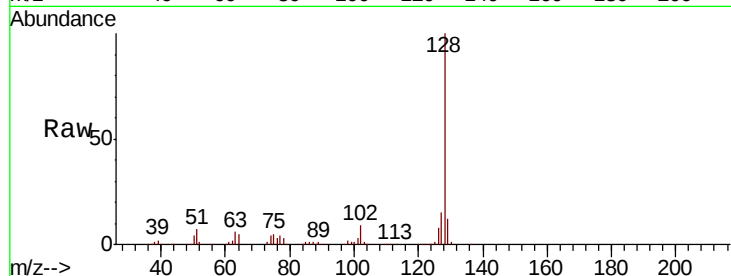




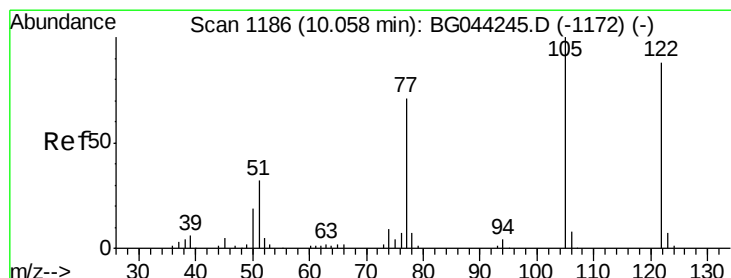
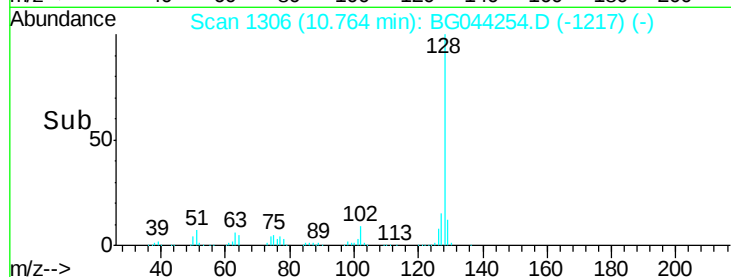
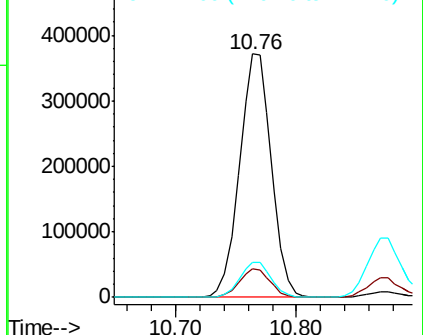
#31
Naphthalene
Concen: 41.066 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 678338
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.5 11.6 17.4

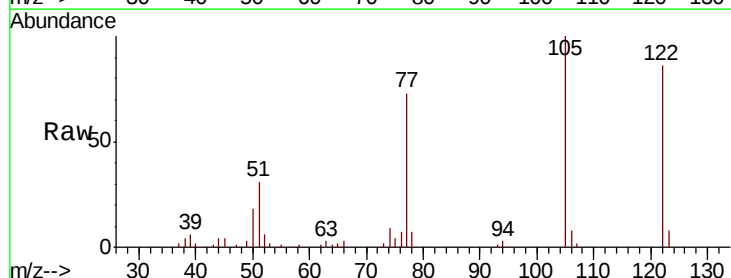


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

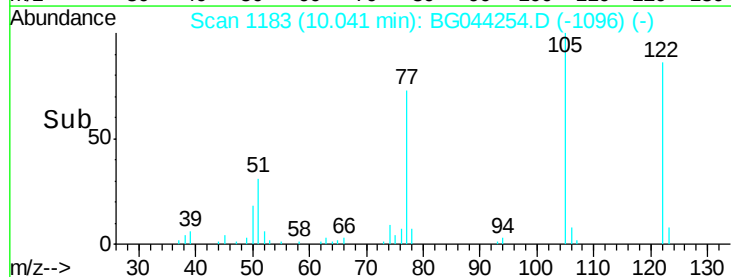
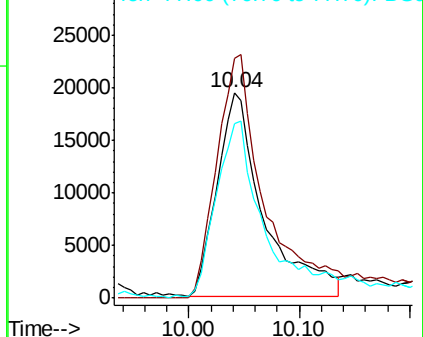


#32
Benzoic acid
Concen: 28.186 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:122 Resp: 56484
Ion Ratio Lower Upper
122 100
105 116.8 93.5 133.5
77 85.0 61.0 101.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

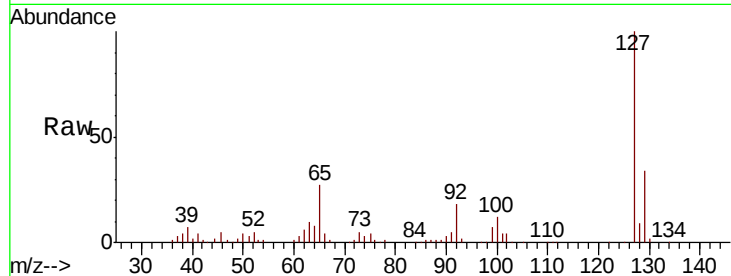




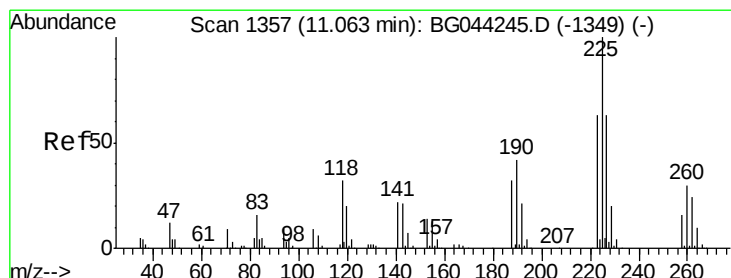
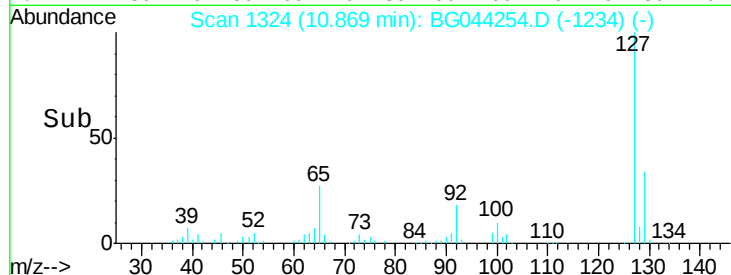
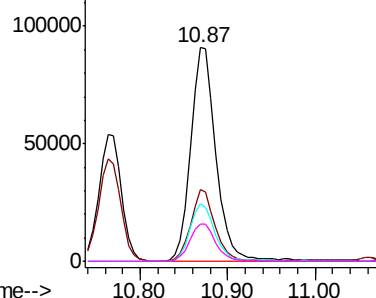
#33
4-Chloroaniline
Concen: 24.118 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	181189
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0
65	27.2	22.5	33.7
92	17.7	14.1	21.1

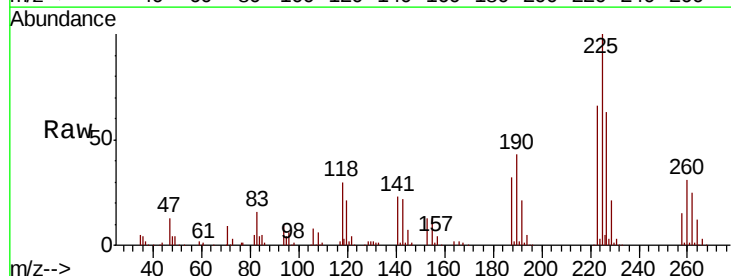


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

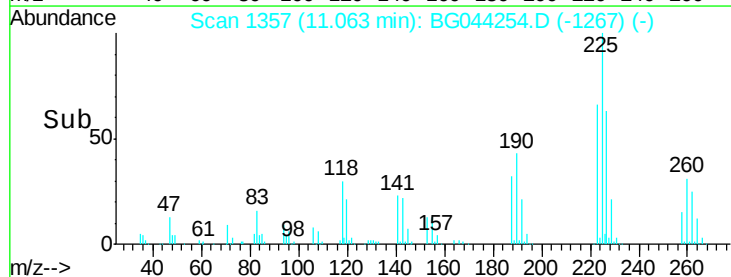
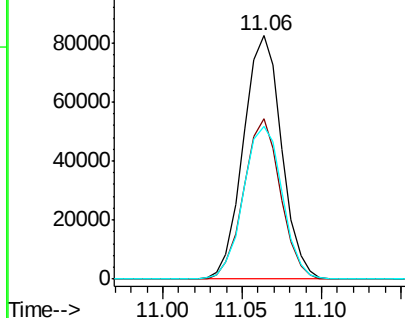


#34
Hexachlorobutadiene
Concen: 37.586 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:	225	Resp:	138277
Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.2	75.4
227	62.8	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: 19.809 ng

RT: 11.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampleId :

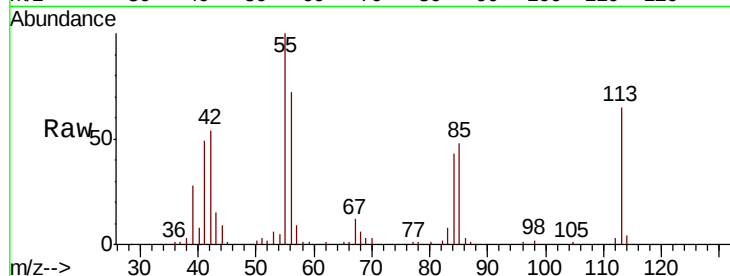
Tot Ion:113 Resp: 37836

Ion Ratio Lower Upper

113 100

55 153.9 129.9 169.9

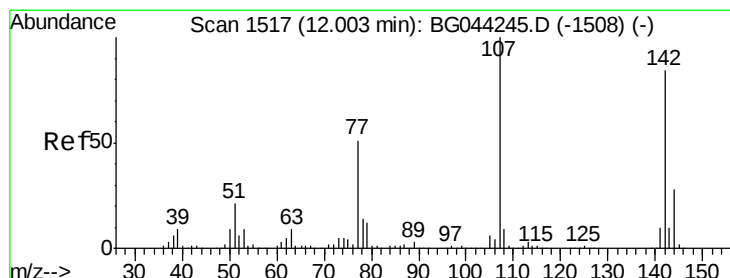
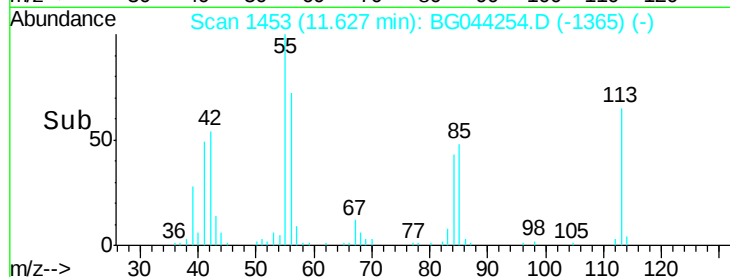
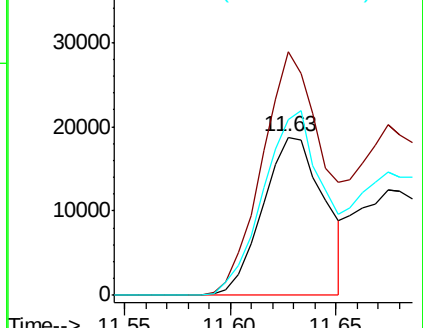
56 111.4 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.887 ng

RT: 12.00 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

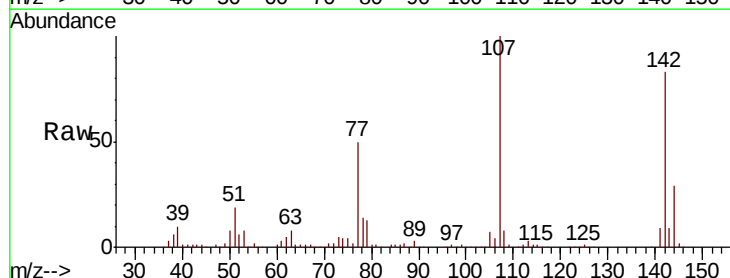
Tgt Ion:107 Resp: 239923

Ion Ratio Lower Upper

107 100

144 28.5 22.2 33.4

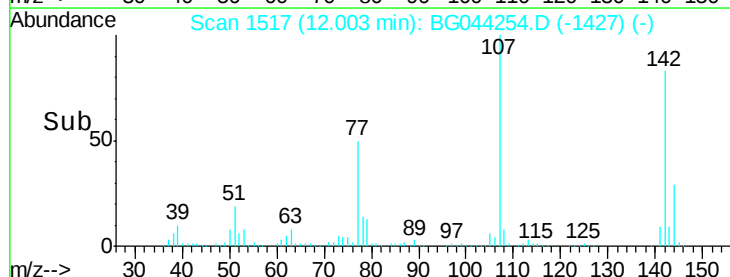
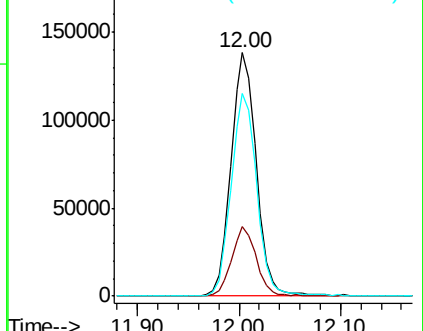
142 83.1 67.4 101.0

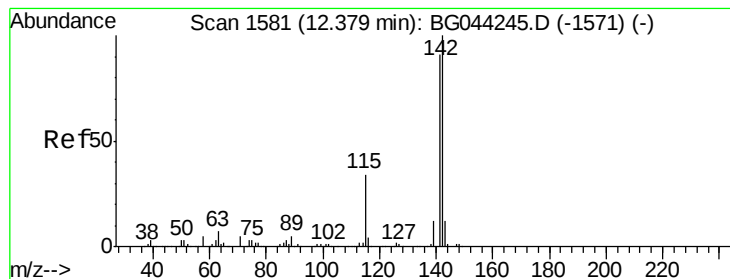


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.076 ng

RT: 12.38 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampleId :

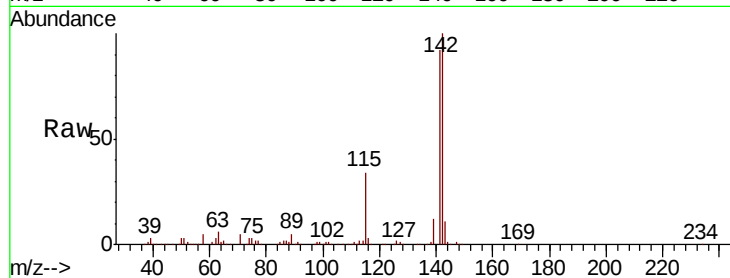
Tot Ion:142 Resp: 503773

Ion Ratio Lower Upper

142 100

141 92.4 73.2 109.8

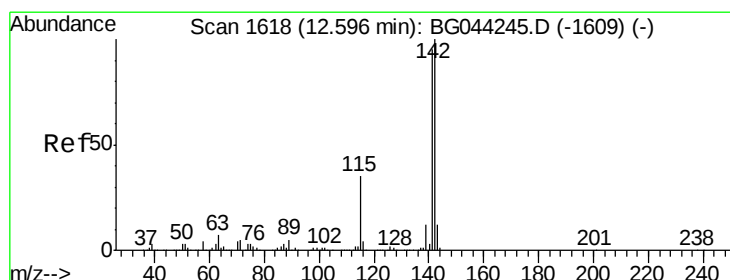
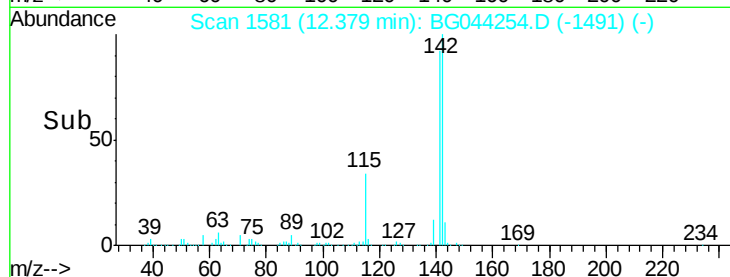
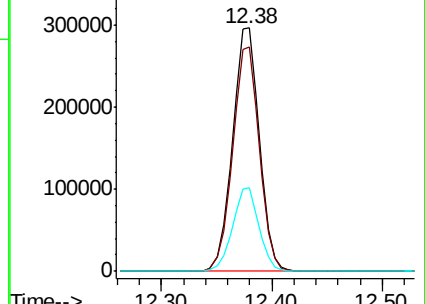
115 34.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.586 ng

RT: 12.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

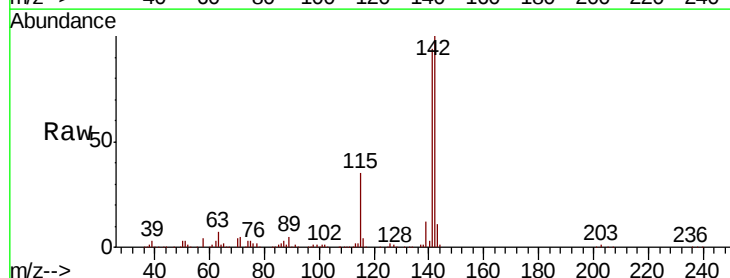
Tgt Ion:142 Resp: 480843

Ion Ratio Lower Upper

142 100

141 94.1 75.8 113.6

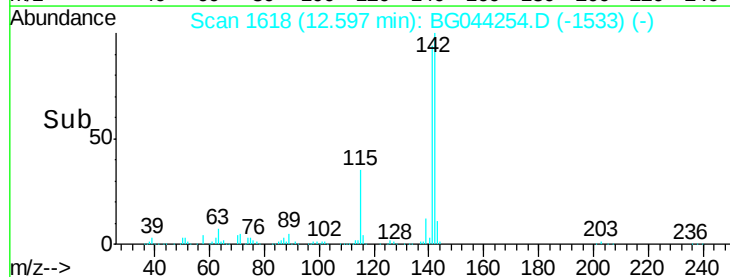
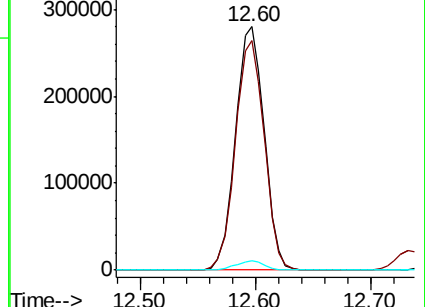
116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

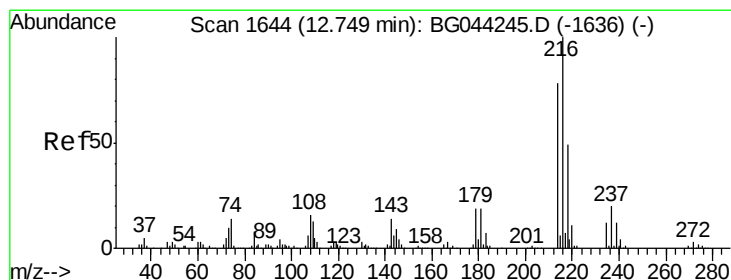
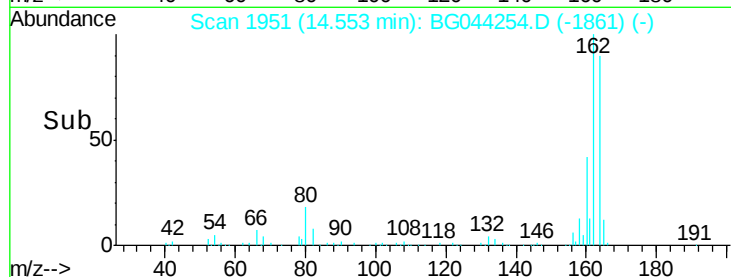
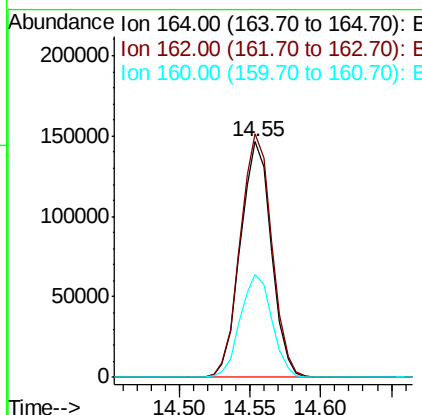
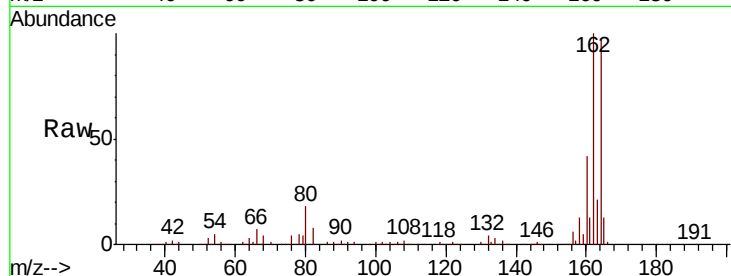




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

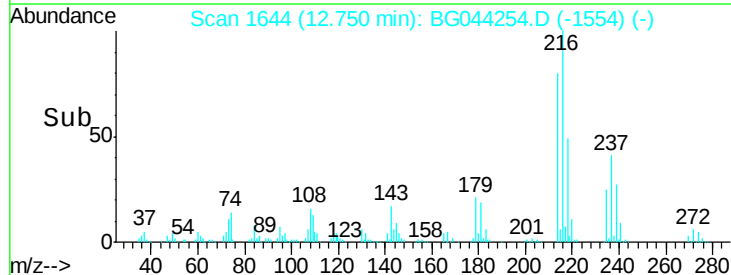
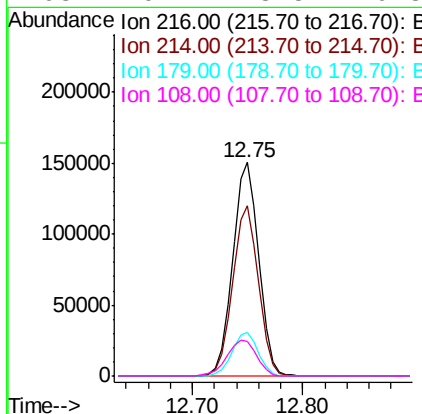
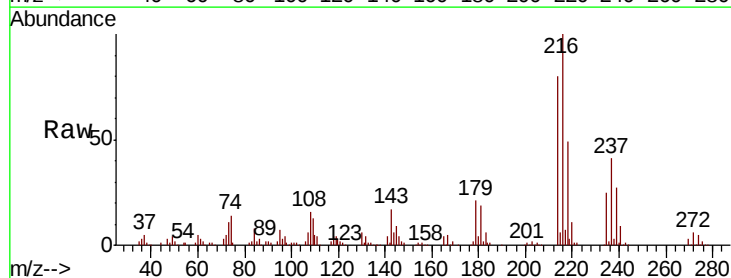
Instrument :
BNA_G
ClientSampleId :

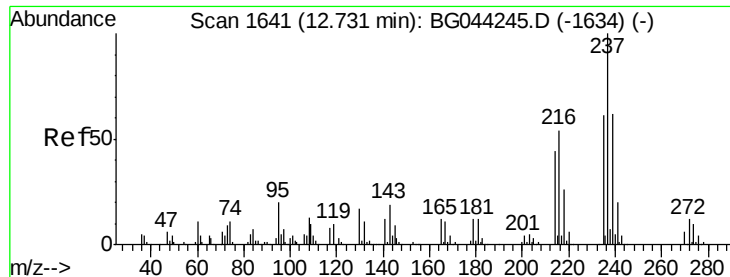
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.7	121.1
160	43.3	35.3	52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.796 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.6
179	20.7	16.2	24.4
108	19.1	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 95.745 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampled :

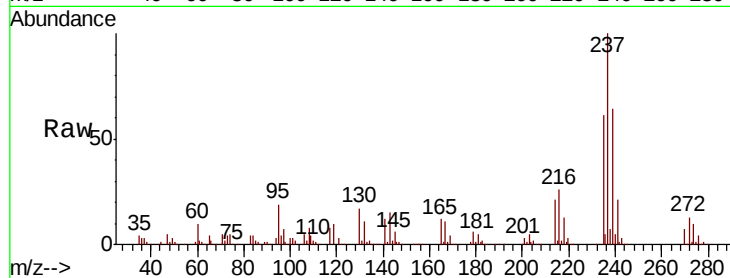
Tot Ion:237 Resp: 309140

Ion Ratio Lower Upper

237 100

235 61.4 41.2 81.2

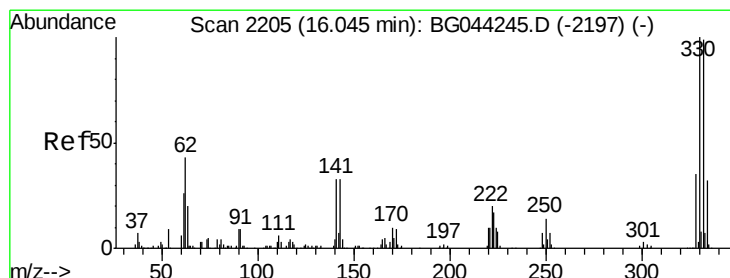
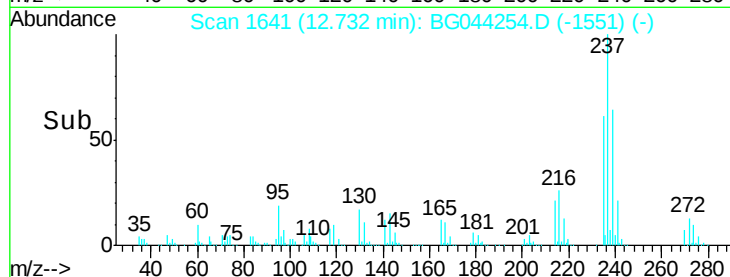
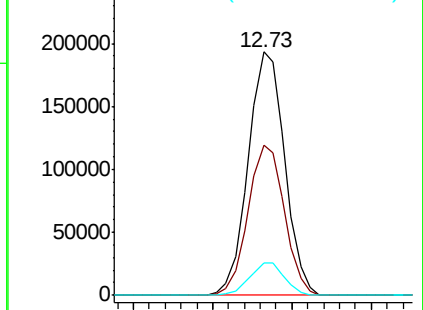
272 13.4 0.0 32.4



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: 122.998 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

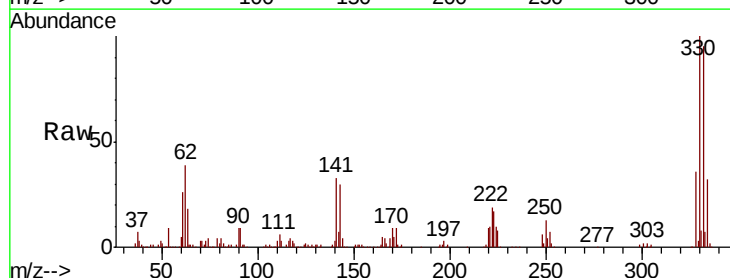
Tgt Ion:330 Resp: 324815

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

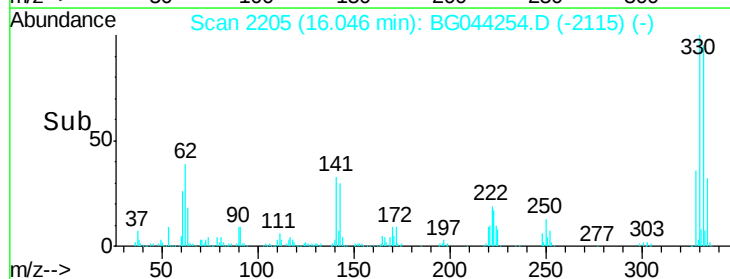
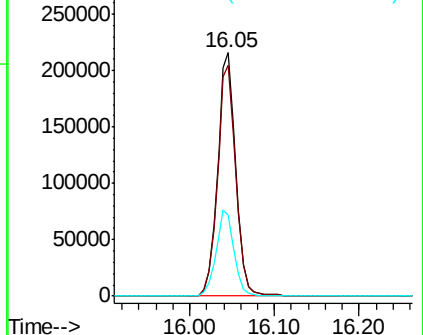
141 35.0 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

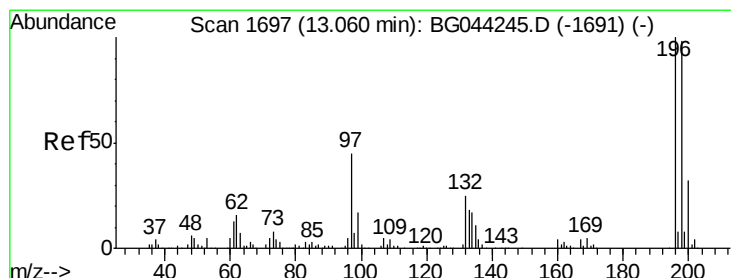
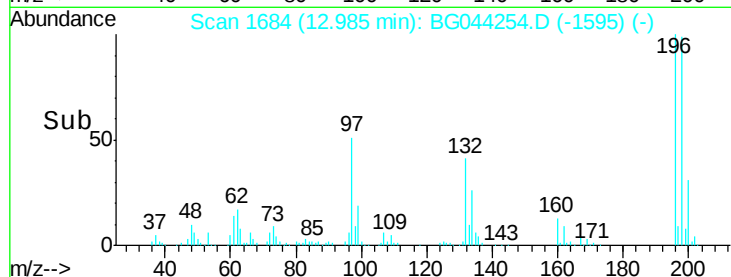
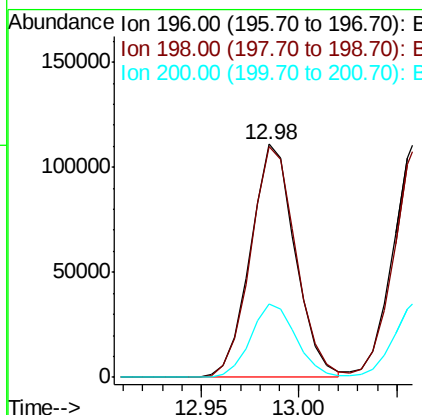
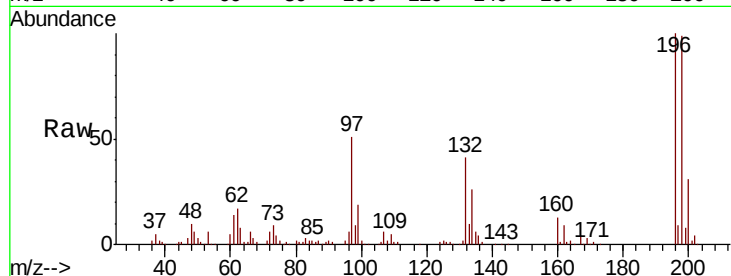




#43
 2,4,6-Trichlorophenol
 Concen: 40.475 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

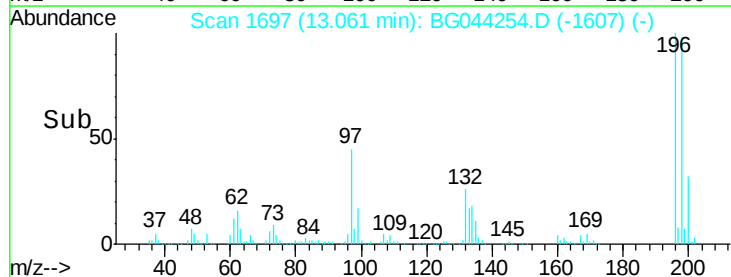
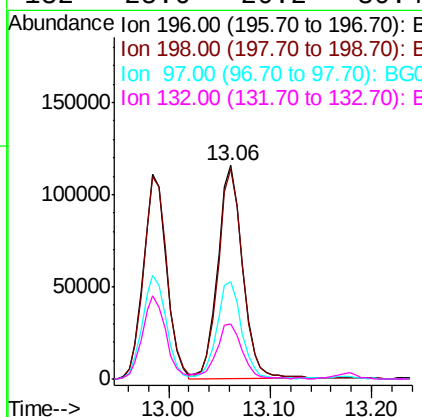
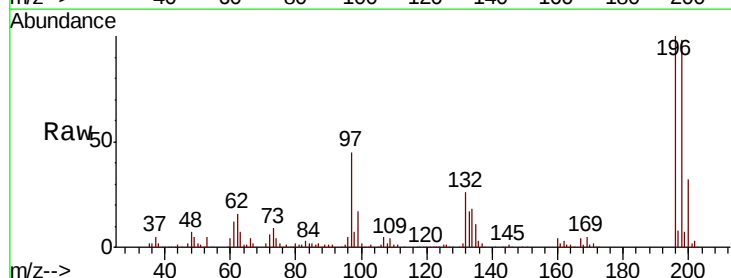
Instrument :
 BNA_G
 ClientSampleId :

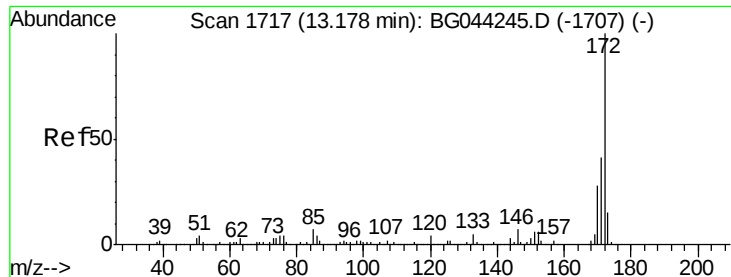
Tot Ion:196 Resp: 176046
 Ion Ratio Lower Upper
 196 100
 198 99.0 79.3 118.9
 200 31.4 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.286 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion:196 Resp: 196745
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.2 117.2
 97 45.3 36.2 54.4
 132 25.6 20.2 30.4

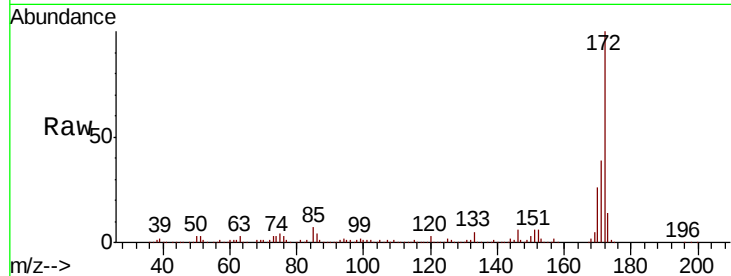




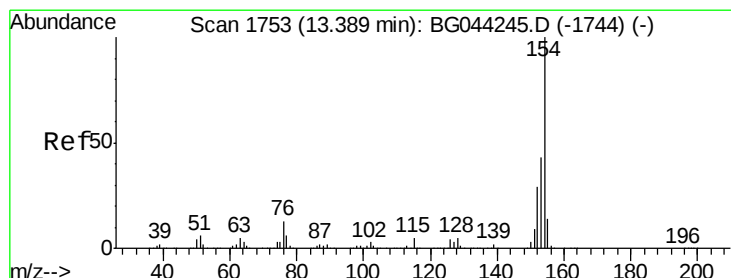
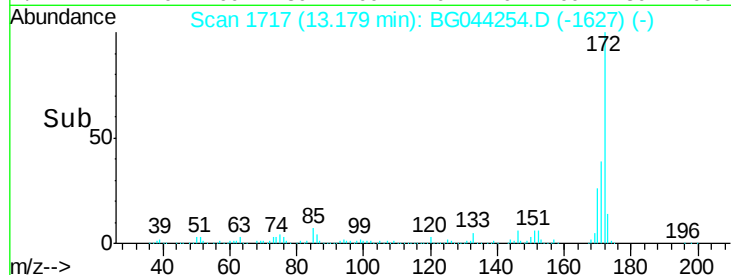
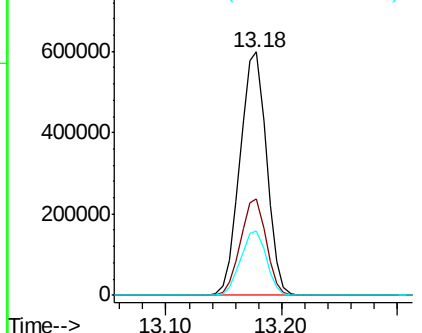
#45
 2-Fluorobiphenyl
 Concen: 71.179 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.9	49.3
170	26.2	22.0	33.0

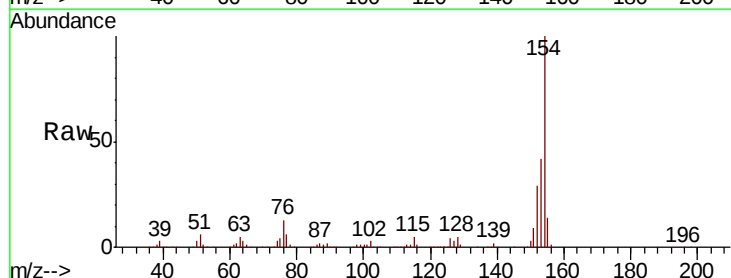


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

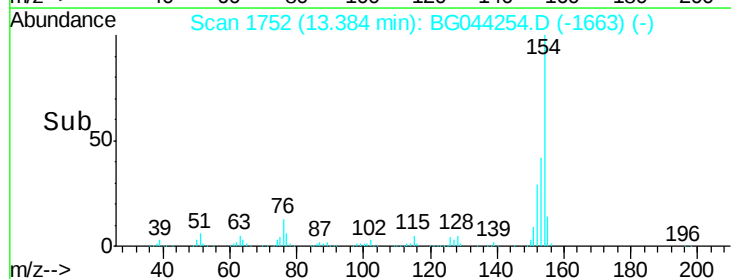
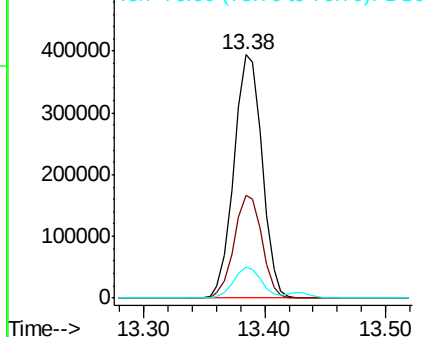


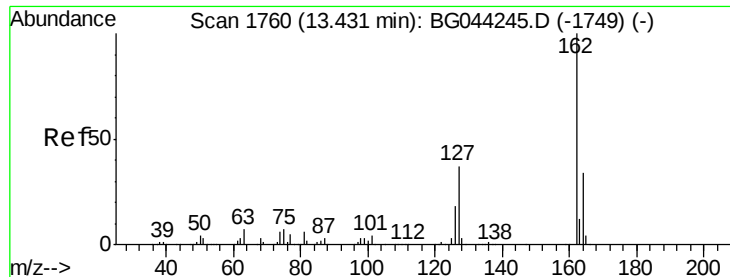
#46
 1,1'-Biphenyl
 Concen: 39.589 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.7	62.7
76	12.8	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG0

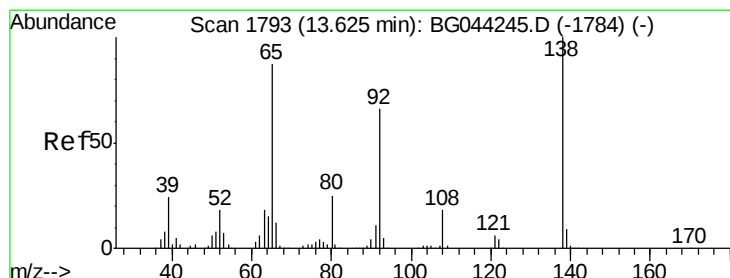
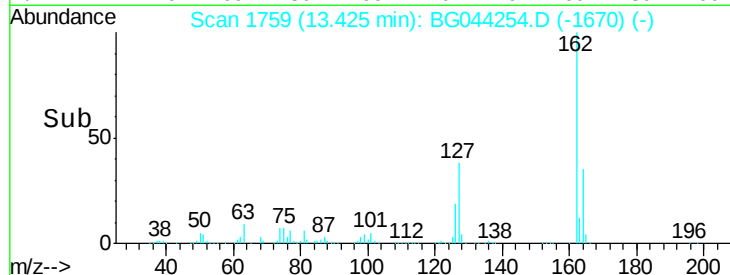
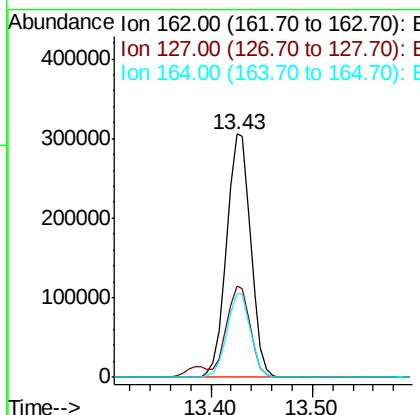
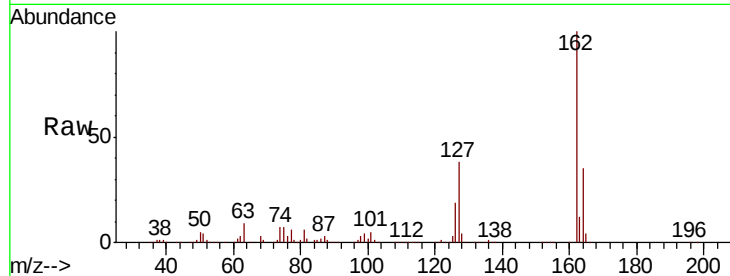




#47
2-Chloronaphthalene
Concen: 38.901 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

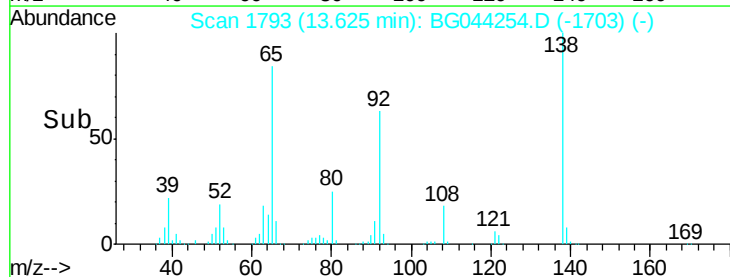
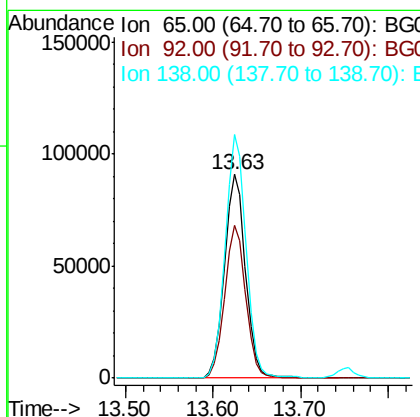
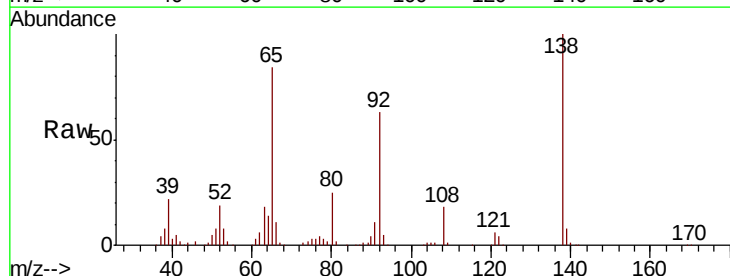
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.0	45.0
164	34.5	27.2	40.8



#48
2-Nitroaniline
Concen: 39.501 ng
RT: 13.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	60.3	90.5
138	119.5	91.9	137.9





#49

Acenaphthylene

Concen: 42.260 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampleId :

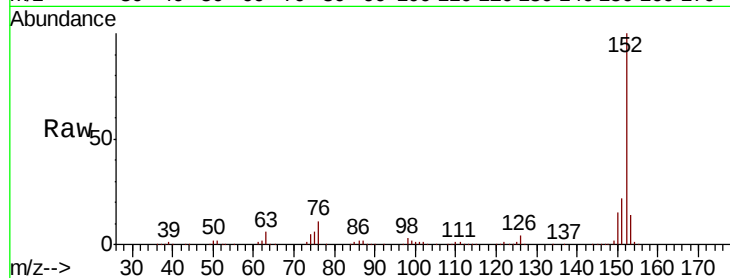
Tot Ion:152 Resp: 800326

Ion Ratio Lower Upper

152 100

151 22.2 18.1 27.1

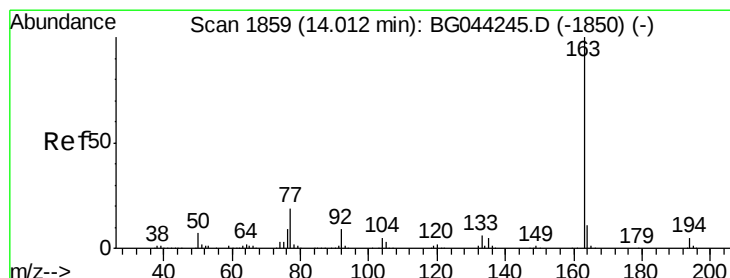
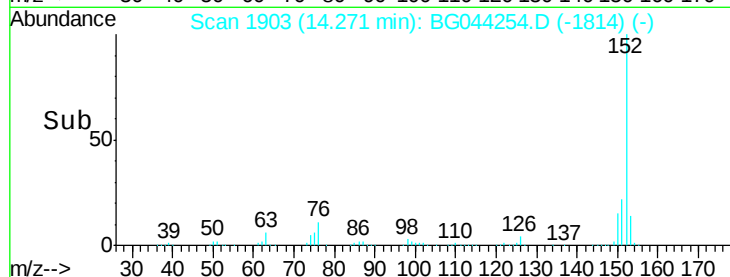
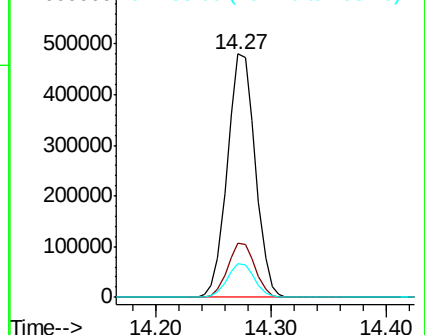
153 14.0 11.5 17.3



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: 41.403 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

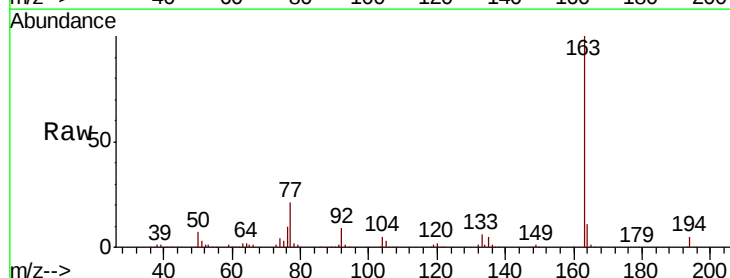
Tgt Ion:163 Resp: 669498

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

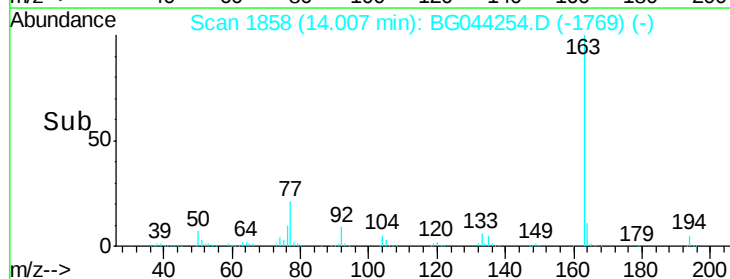
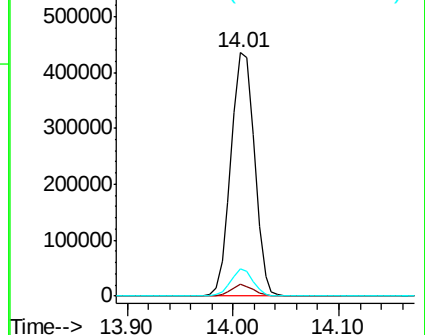
164 11.1 8.7 13.1

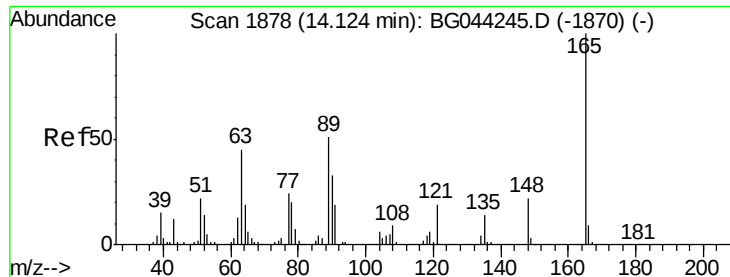


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.619 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampled :

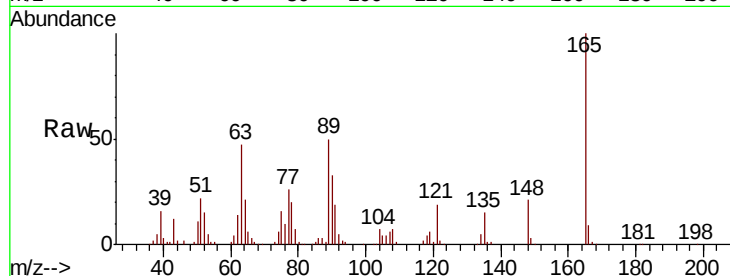
Tot Ion:165 Resp: 150052

Ion Ratio Lower Upper

165 100

63 47.2 38.7 58.1

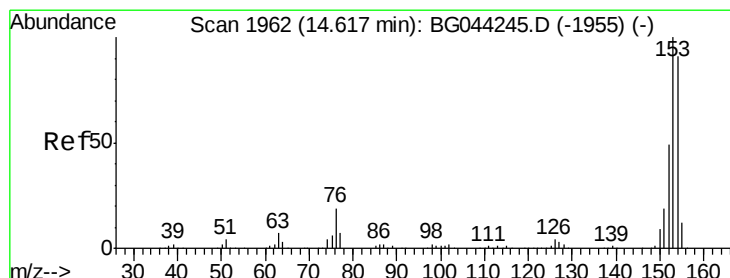
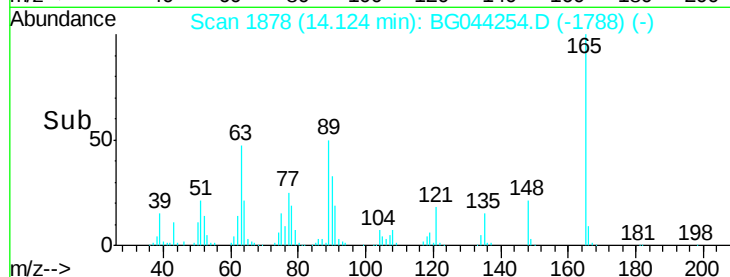
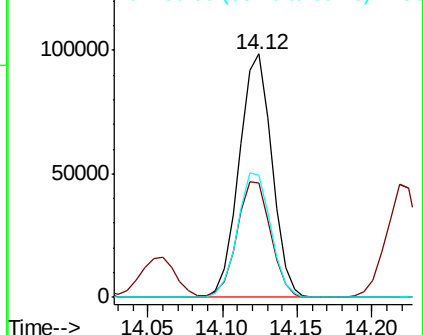
89 50.0 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.075 ng

RT: 14.62 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

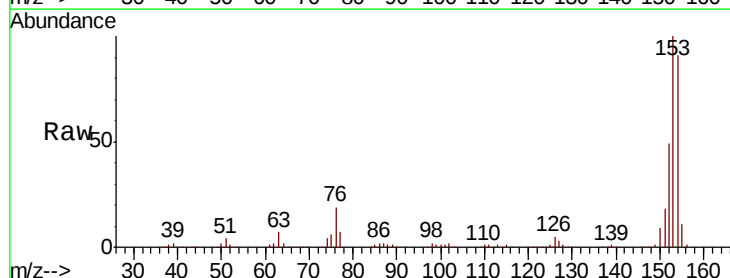
Tgt Ion:154 Resp: 491933

Ion Ratio Lower Upper

154 100

153 110.3 87.9 131.9

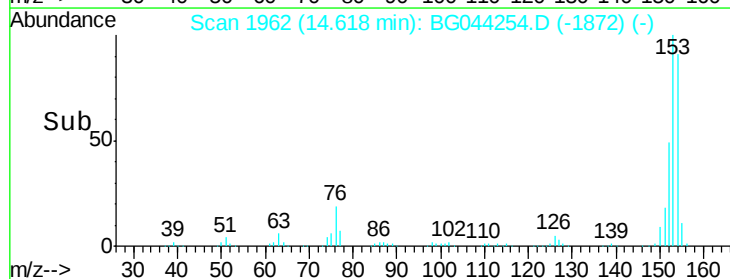
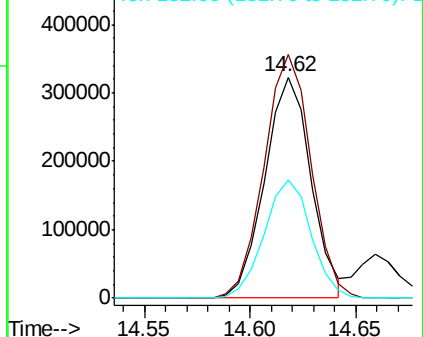
152 53.6 43.1 64.7

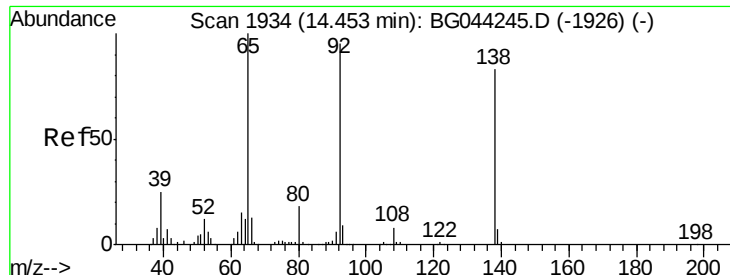


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

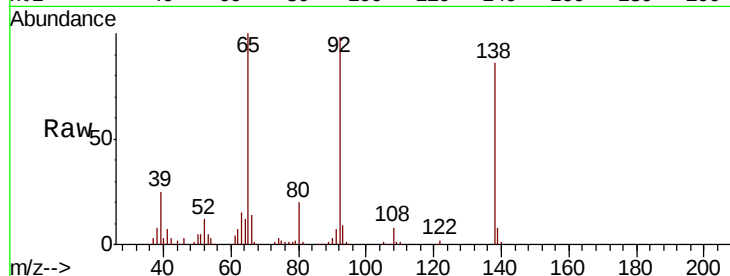




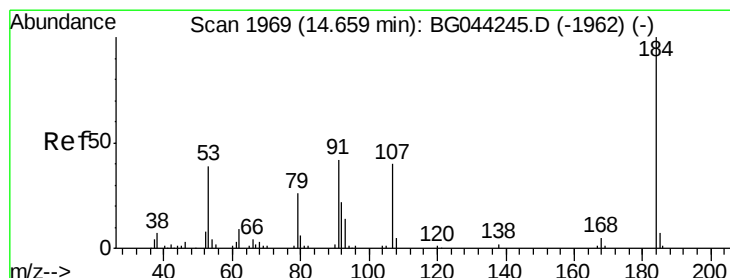
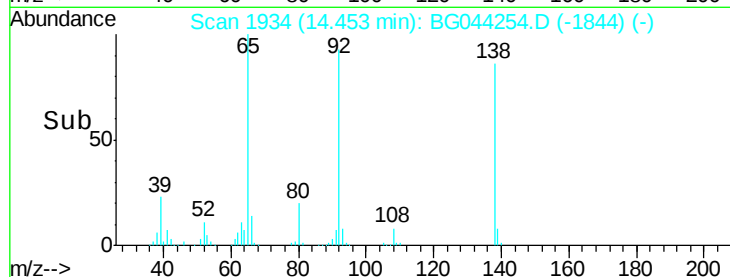
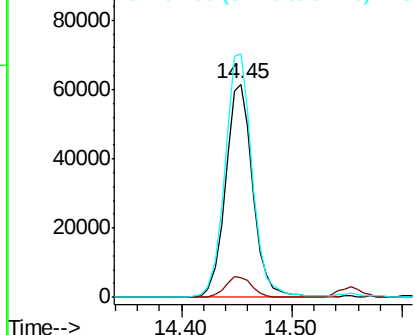
#53
3-Nitroaniline
Concen: 26.766 ng
RT: 14.45 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 106765
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 114.3 91.0 136.4

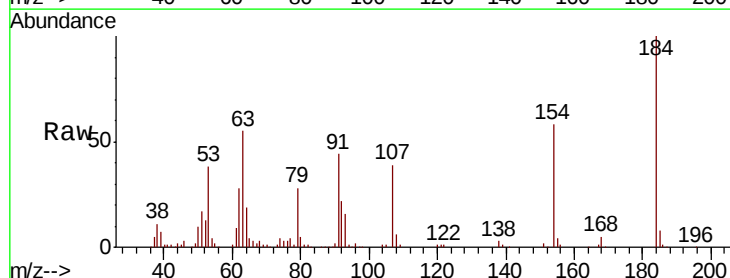


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

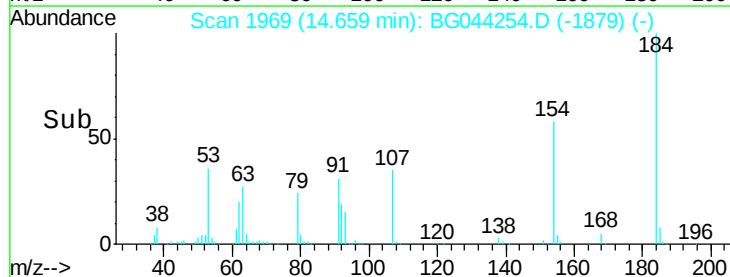
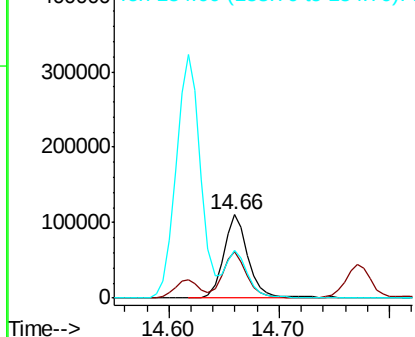


#54
2,4-Dinitrophenol
Concen: 80.791 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:184 Resp: 172777
Ion Ratio Lower Upper
184 100
63 55.1 44.1 66.1
154 57.8 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

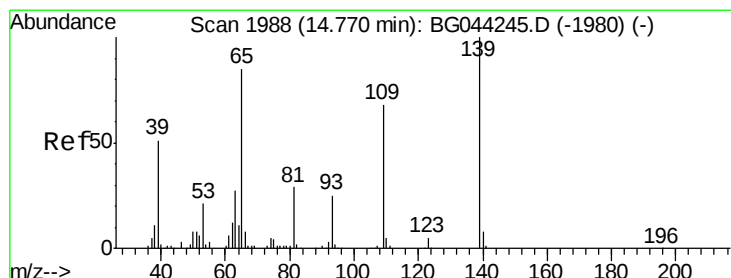
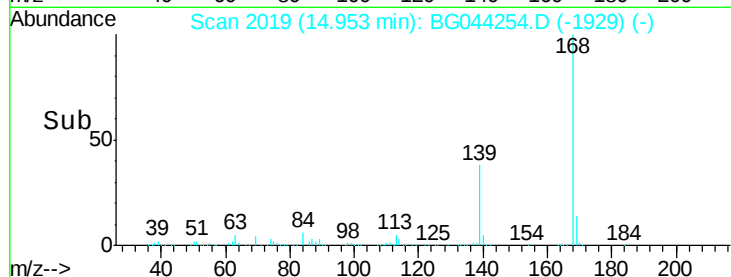
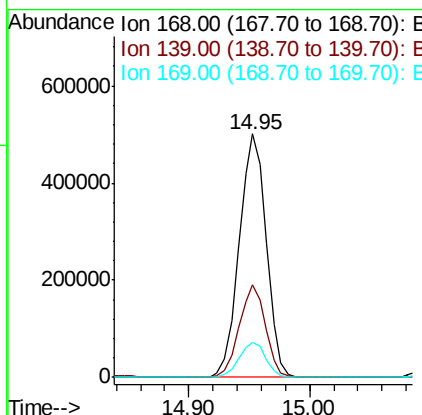
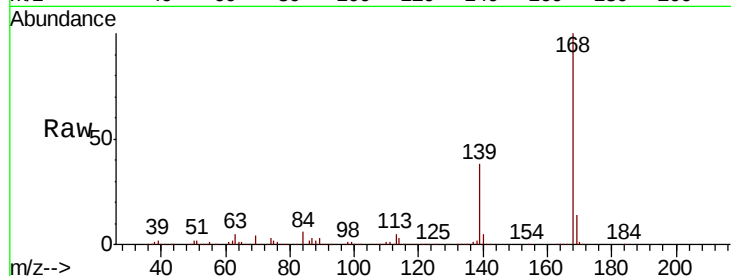




#55
Dibenzenofuran
Concen: 41.994 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

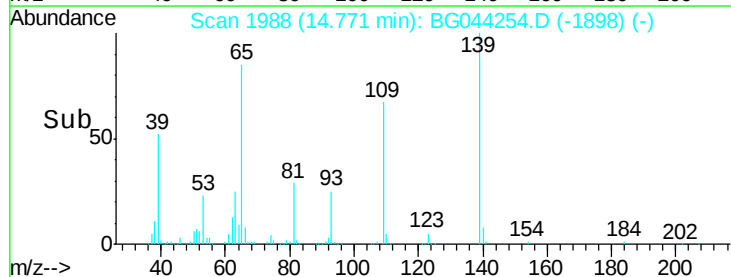
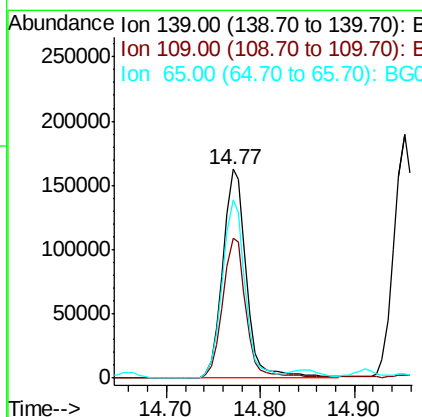
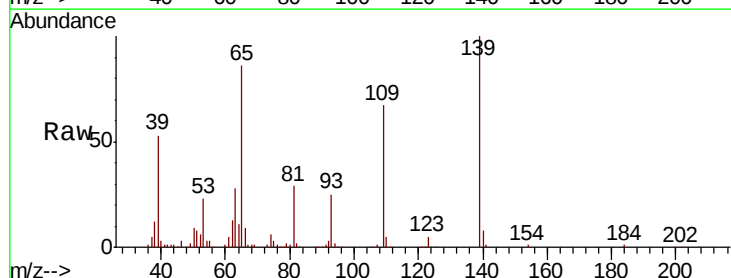
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.5	45.7
169	14.4	11.7	17.5



#56
4-Nitrophenol
Concen: 97.397 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	47.5	87.5
65	85.6	64.9	104.9

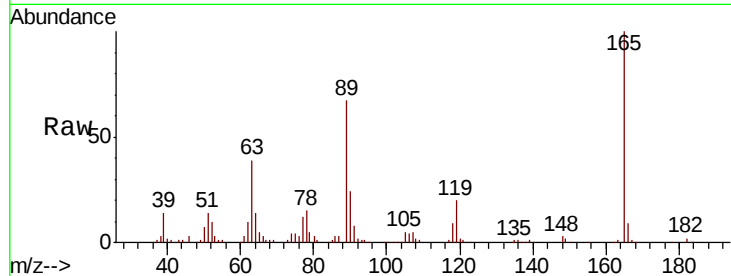




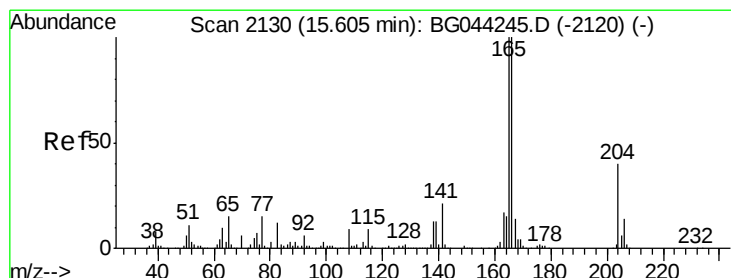
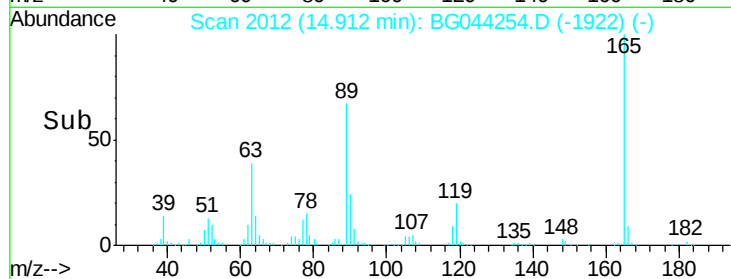
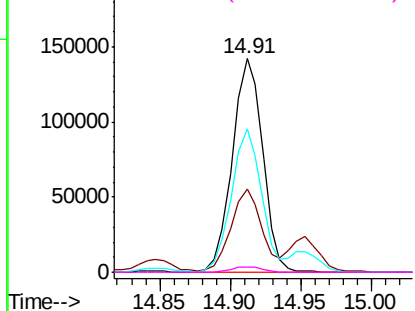
#57
 2,4-Dinitrotoluene
 Concen: 42.247 ng
 RT: 14.91 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	213485
Ion Ratio	Lower	Upper
165	100	
63	38.9	30.3 45.5
89	67.1	53.4 80.2
182	2.4	2.1 3.1

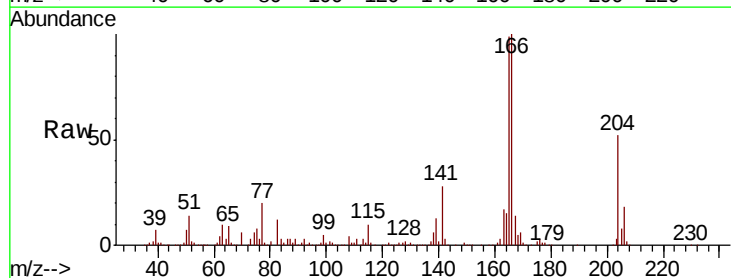


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

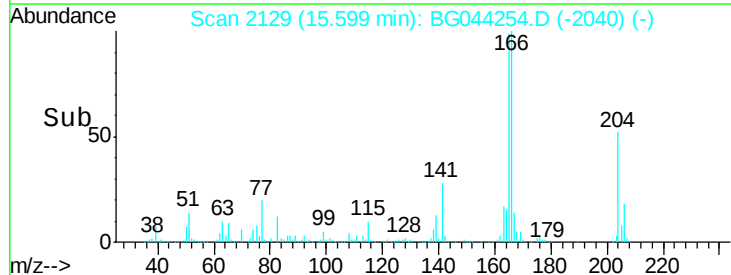
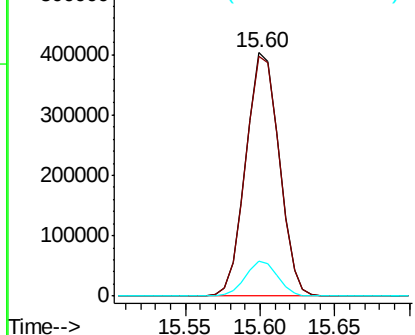


#58
 Fluorene
 Concen: 42.489 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion:166	Resp:	621968
Ion Ratio	Lower	Upper
166	100	
165	98.5	79.9 119.9
167	14.2	11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

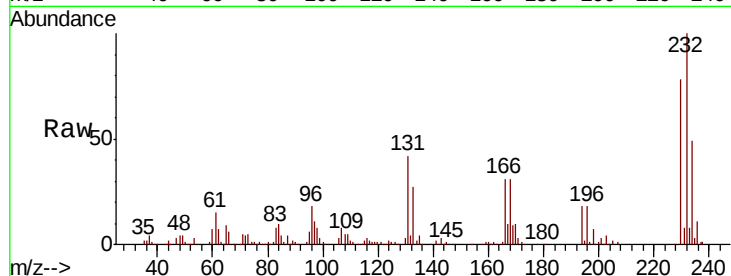




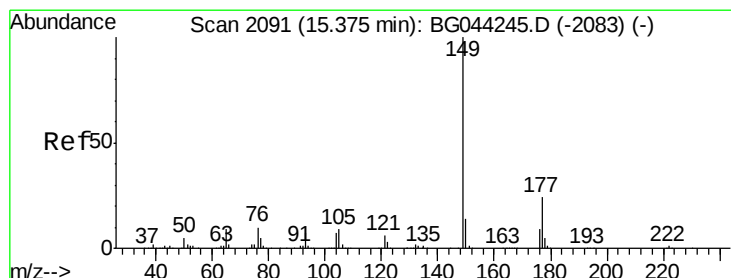
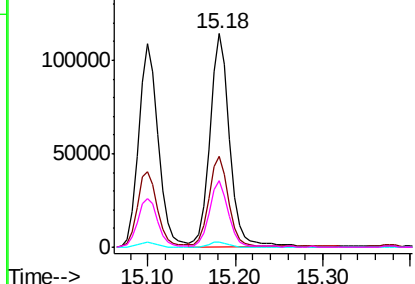
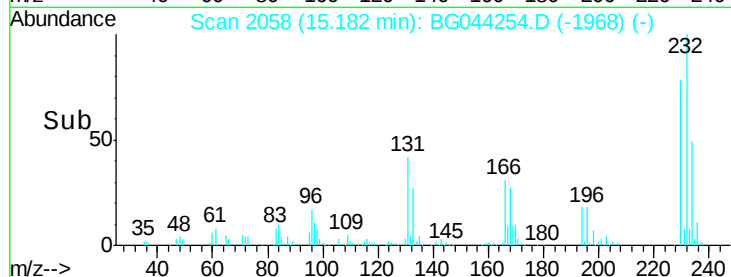
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.402 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 178178
 Ion Ratio Lower Upper
 232 100
 131 41.2 34.2 51.4
 130 2.4 1.8 2.8
 166 29.8 23.8 35.8

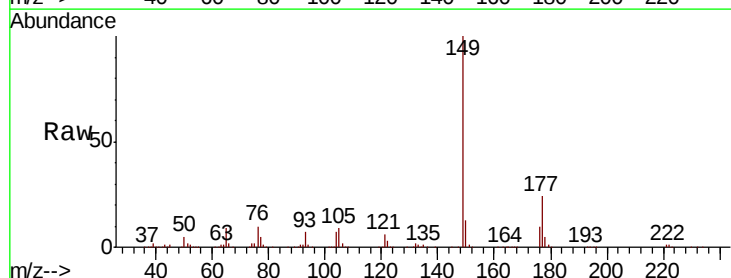


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

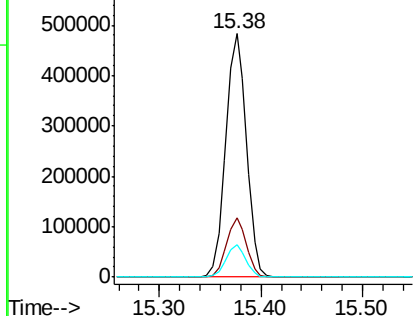
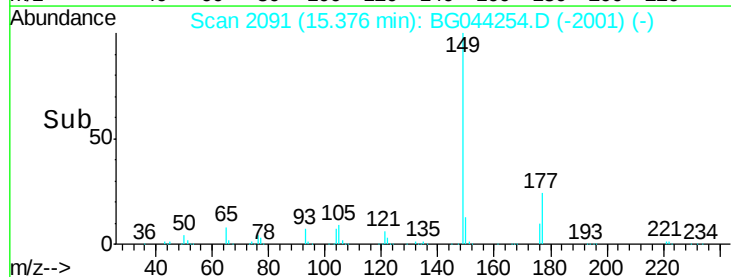


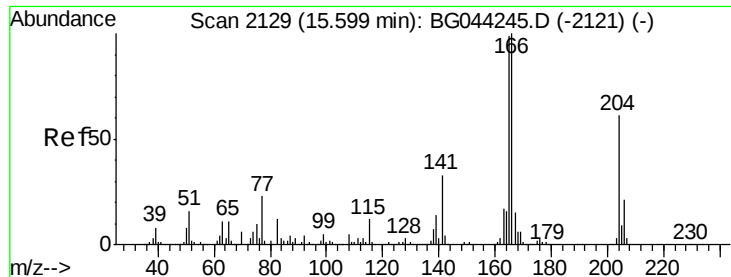
#60
 Diethylphthalate
 Concen: 42.313 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion:149 Resp: 681768
 Ion Ratio Lower Upper
 149 100
 177 24.5 19.4 29.0
 150 13.3 10.9 16.3



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

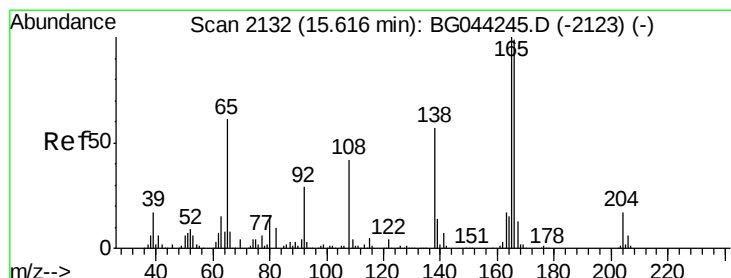
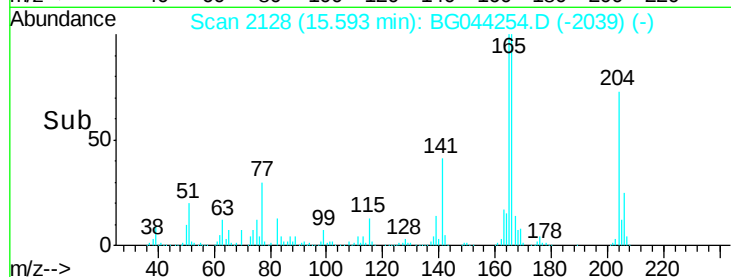
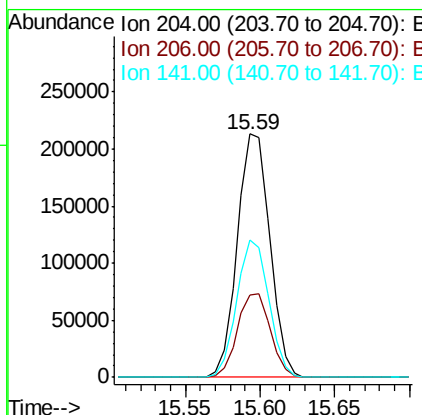
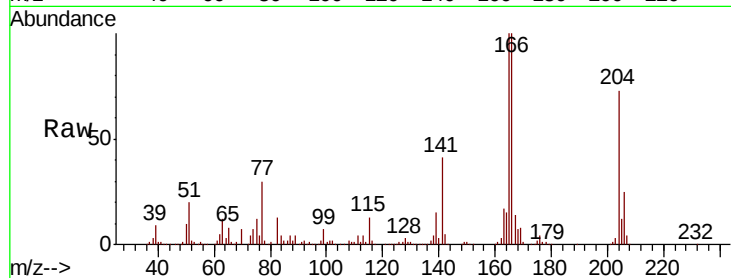




#61
4-Chlorophenyl-phenylether
Concen: 40.714 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

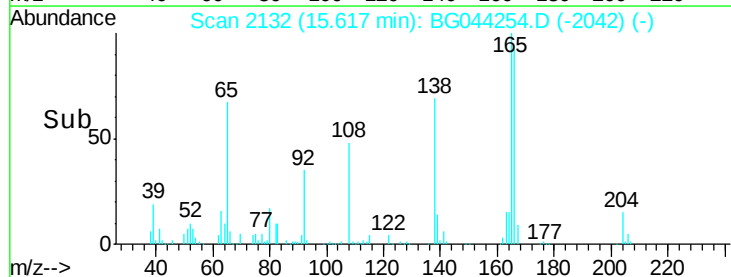
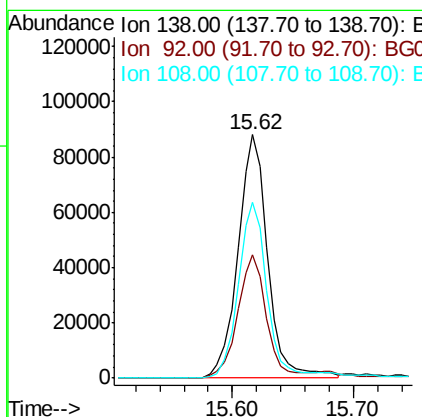
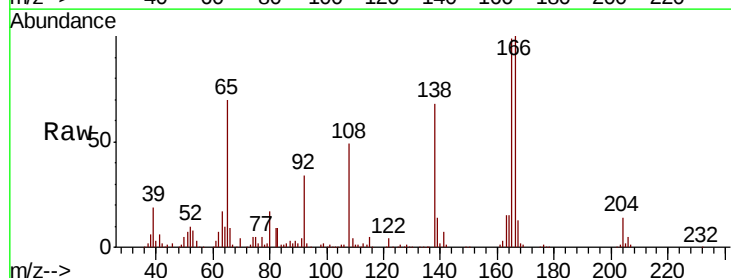
Instrument :
BNA_G
ClientSampled :

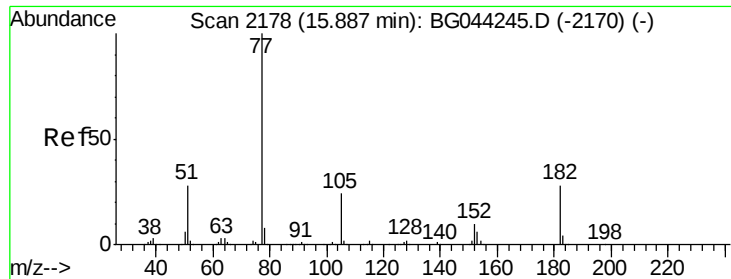
Tot Ion:204 Resp: 323145
Ion Ratio Lower Upper
204 100
206 34.0 27.6 41.4
141 56.2 43.4 65.0



#62
4-Nitroaniline
Concen: 37.855 ng
RT: 15.62 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:138 Resp: 150882
Ion Ratio Lower Upper
138 100
92 50.4 31.3 71.3
108 72.0 52.6 92.6





#63

Azobenzene

Concen: 42.628 ng

RT: 15.89 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 601968

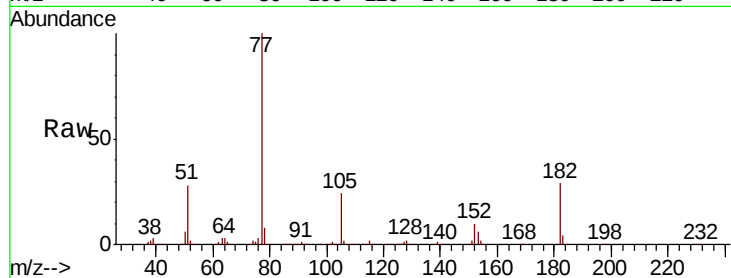
Ion Ratio Lower Upper

77 100

182 29.1 8.2 48.2

105 23.7 3.6 43.6

51 28.1 8.3 48.3

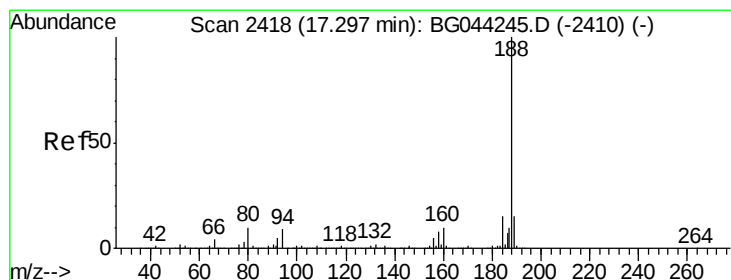
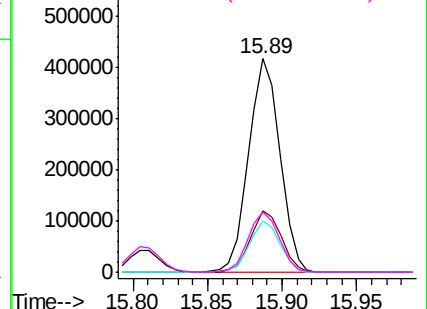
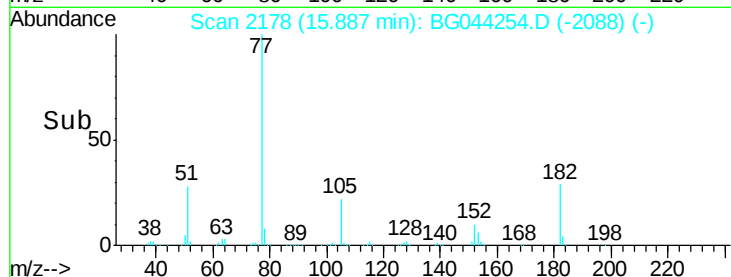


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

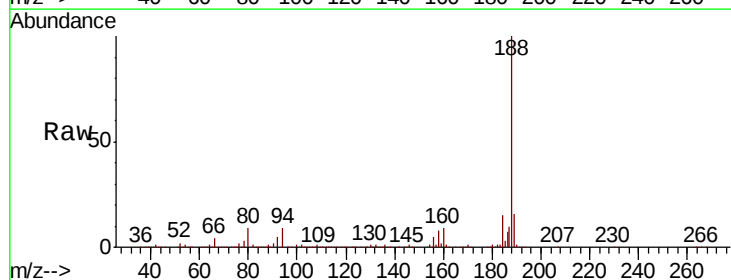
Tgt Ion: 188 Resp: 520189

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

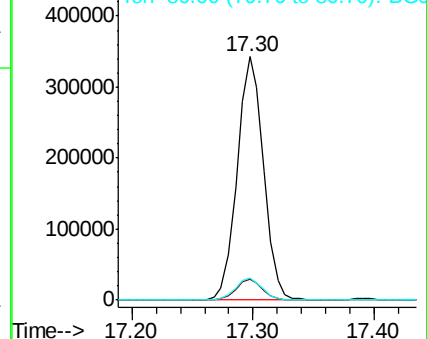
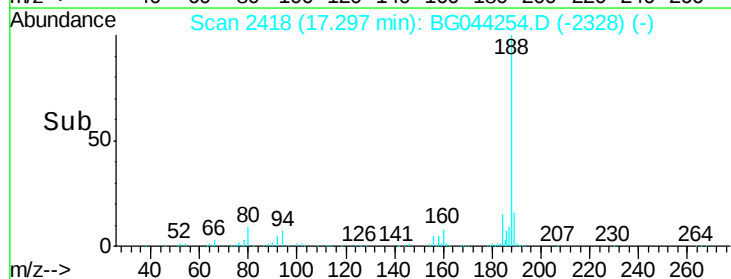
80 9.1 7.7 11.5



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

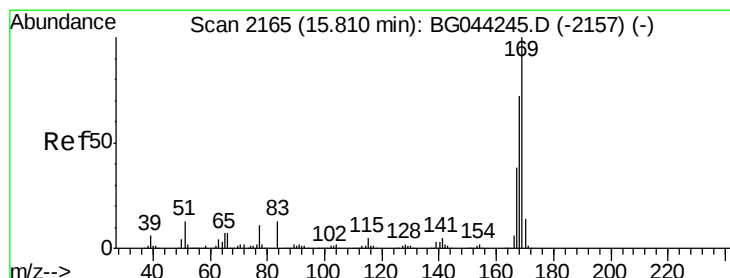
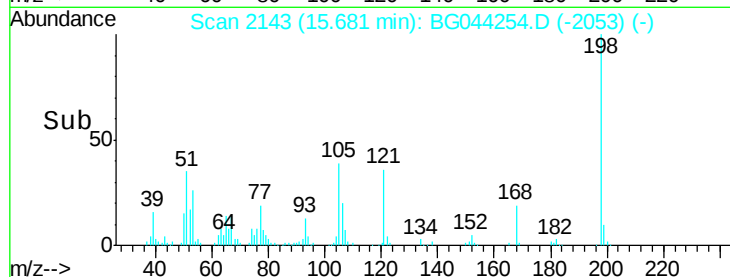
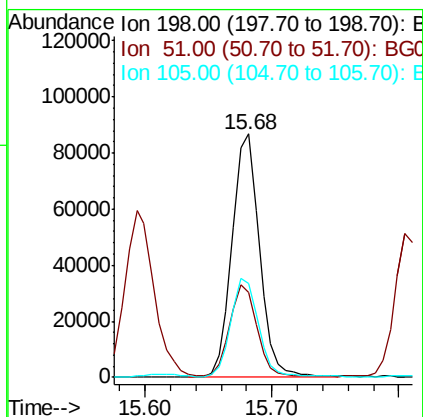
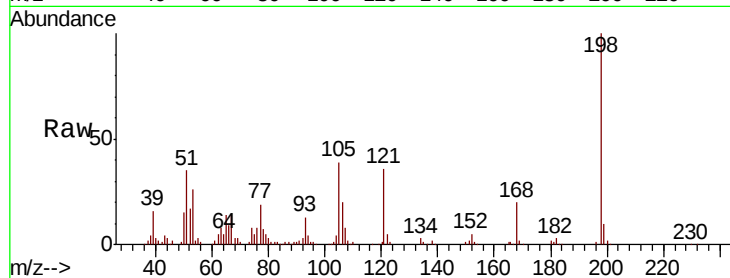




#65
4,6-Dinitro-2-methylphenol
Concen: 45.412 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

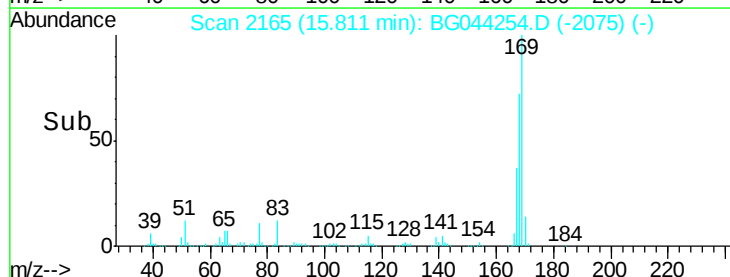
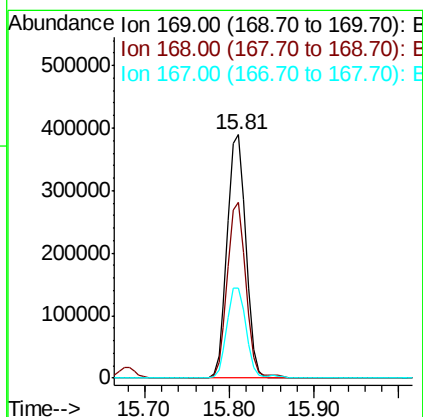
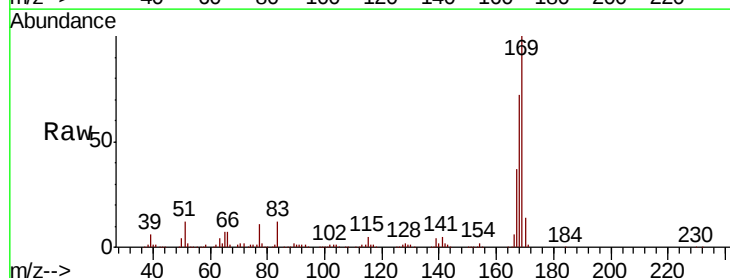
Instrument :
BNA_G
ClientSampled :

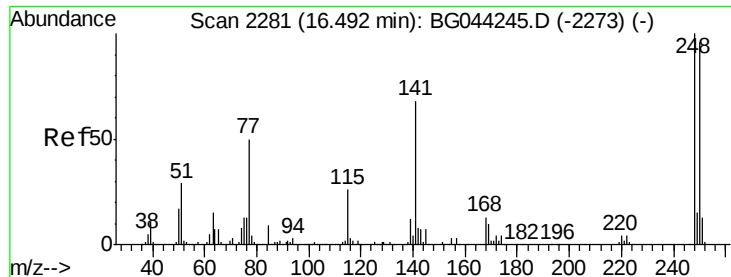
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.9	16.6	56.6
105	38.8	20.6	60.6



#66
n-Nitrosodiphenylamine
Concen: 40.534 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.3	57.9	86.9
167	37.2	30.7	46.1

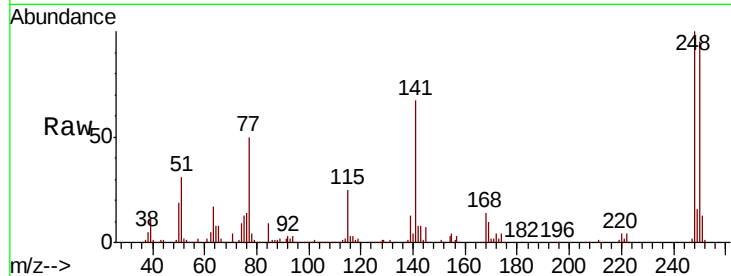




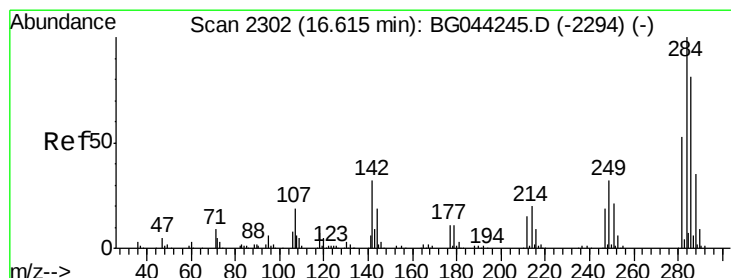
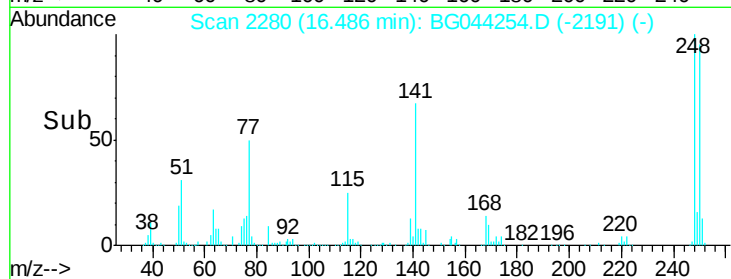
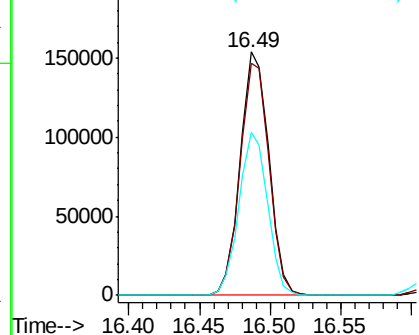
#67
 4-Bromophenyl-phenylether
 Concen: 38.531 ng
 RT: 16.49 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 218373
 Ion Ratio Lower Upper
 248 100
 250 95.2 76.6 114.8
 141 67.0 54.7 82.1

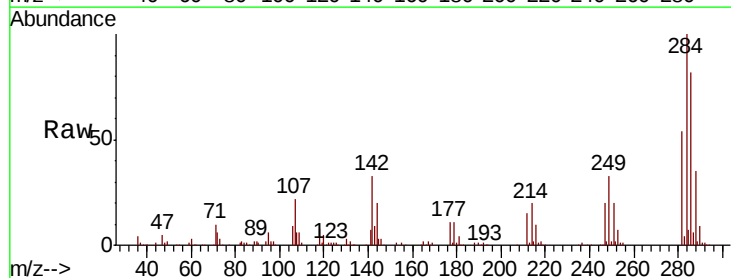


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

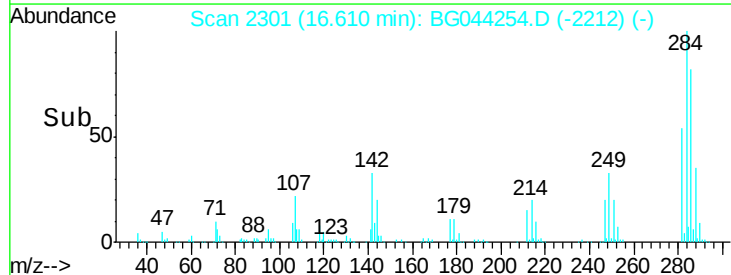
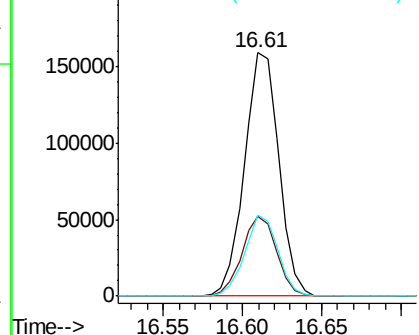


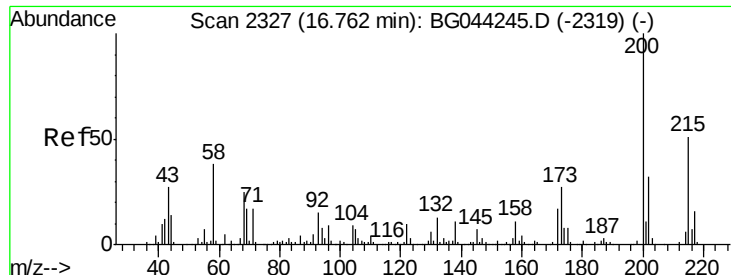
#68
 Hexachlorobenzene
 Concen: 37.672 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion:284 Resp: 239191
 Ion Ratio Lower Upper
 284 100
 142 33.0 25.3 37.9
 249 33.1 25.5 38.3



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





#69

Atrazine

Concen: 46.987 ng

RT: 16.76 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampleId :

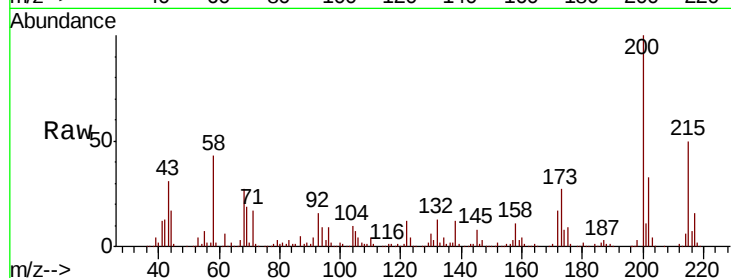
Tot Ion:200 Resp: 234777

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

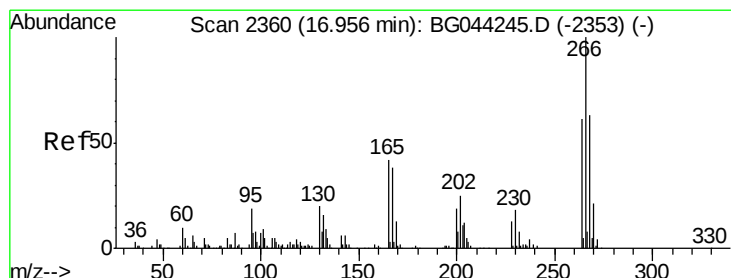
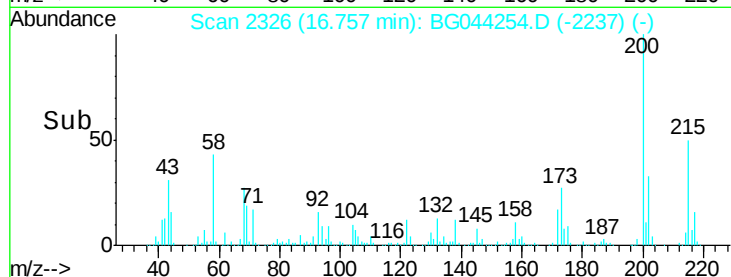
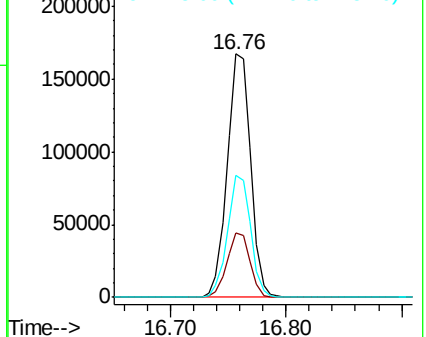
215 50.1 31.0 71.0



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: 82.239 ng

RT: 16.96 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

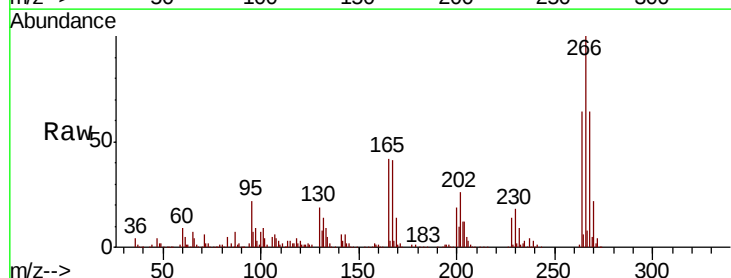
Tgt Ion:266 Resp: 264346

Ion Ratio Lower Upper

266 100

268 64.2 50.6 75.8

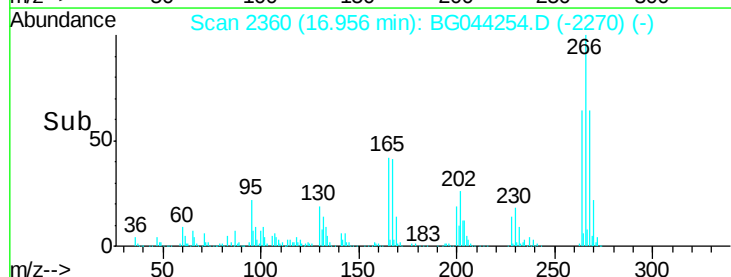
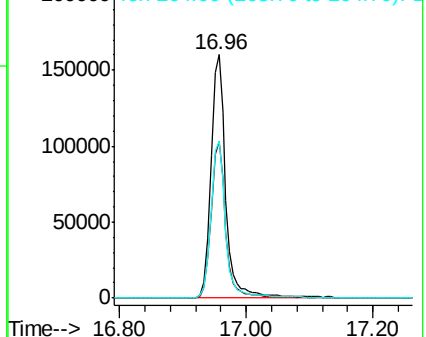
264 64.1 48.7 73.1

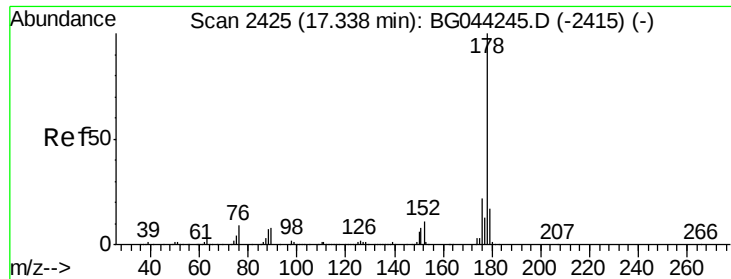


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

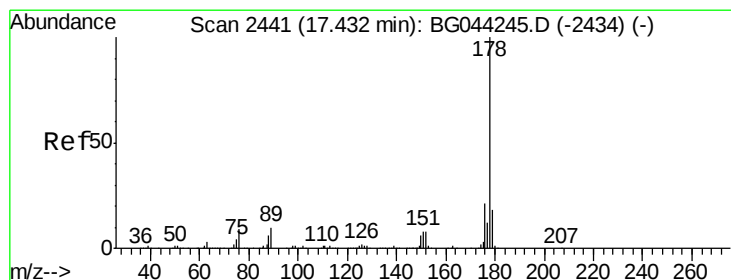
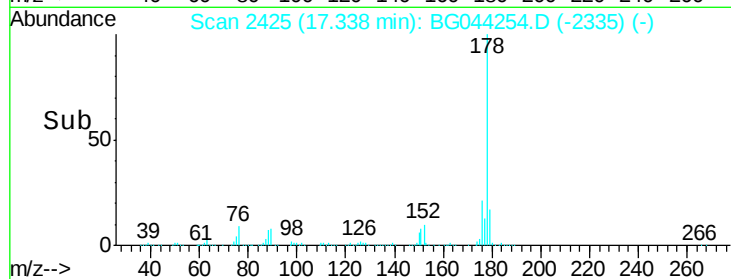
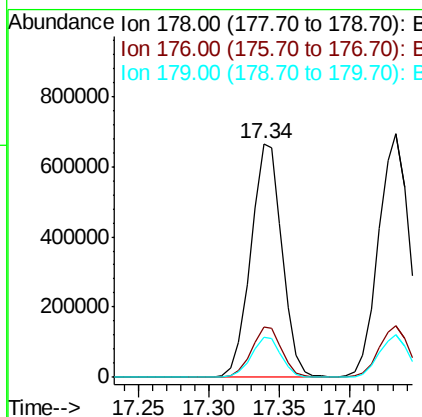
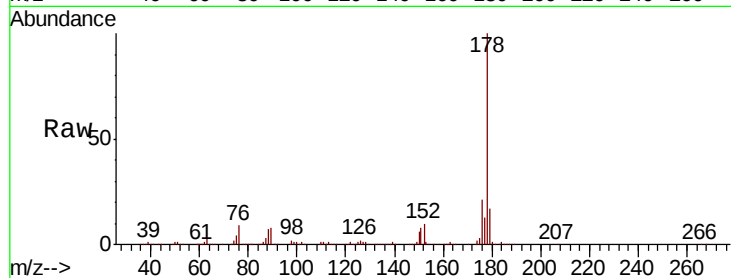




#71
Phenanthrene
Concen: 40.935 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

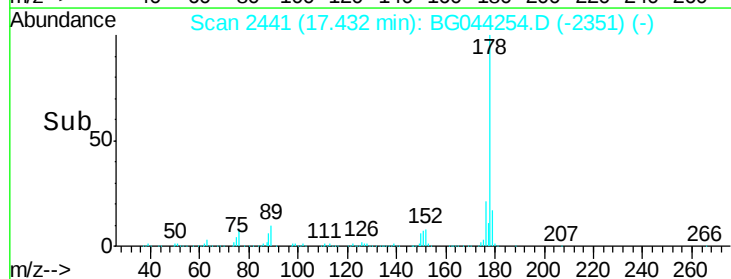
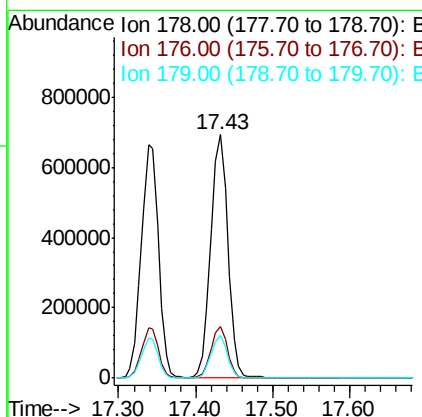
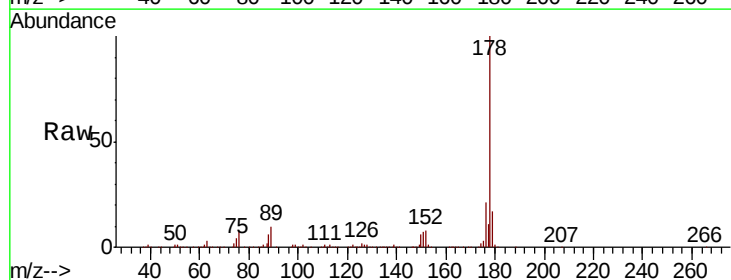
Instrument :
BNA_G
ClientSampled :

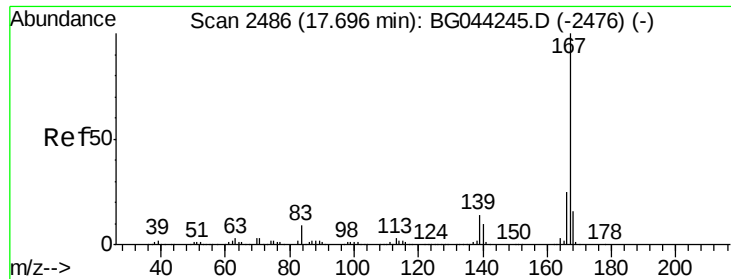
Tot Ion:178 Resp: 1031125
Ion Ratio Lower Upper
178 100
176 21.3 17.7 26.5
179 16.9 13.7 20.5



#72
Anthracene
Concen: 42.698 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:178 Resp: 1063331
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.4
179 17.3 14.4 21.6

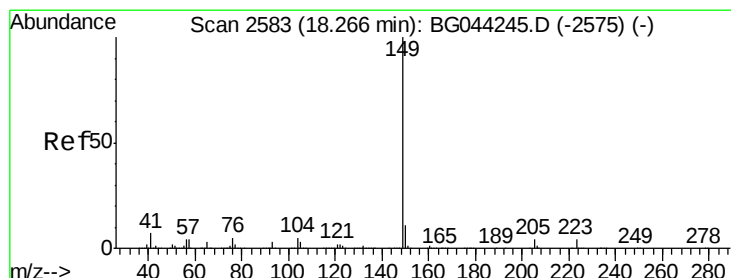
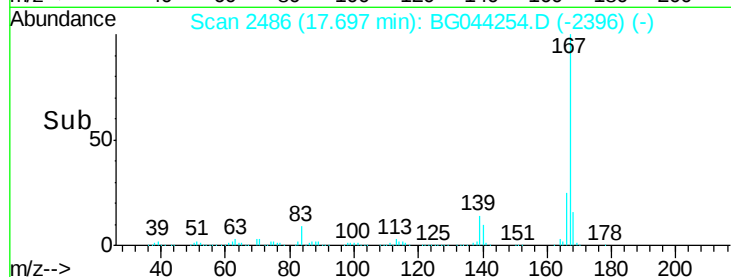
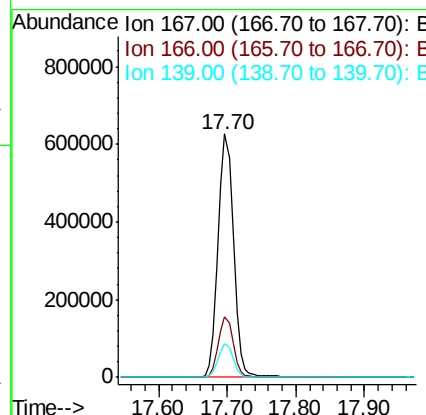
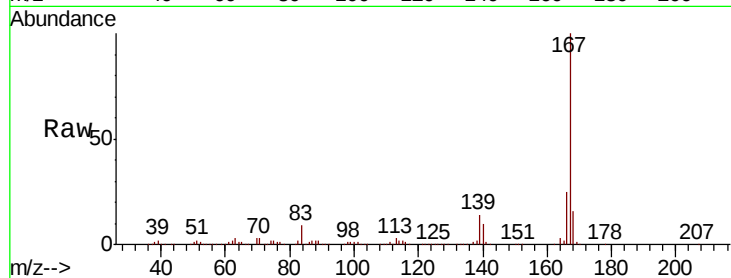




#73
 Carbazole
 Concen: 42.784 ng
 RT: 17.70 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

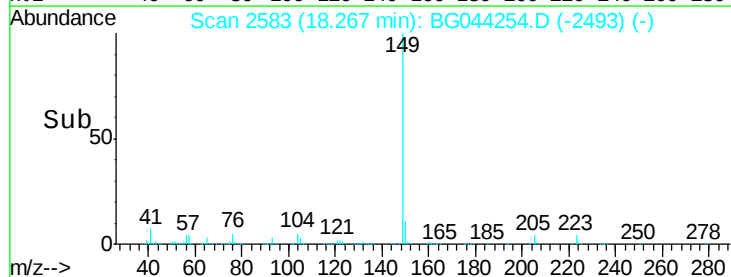
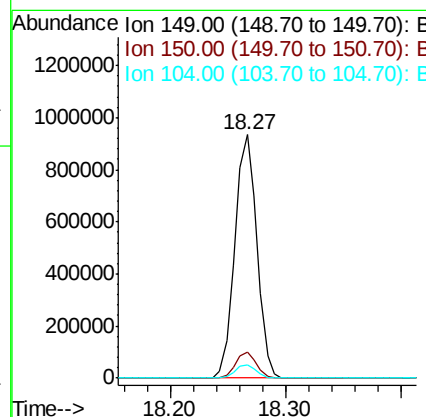
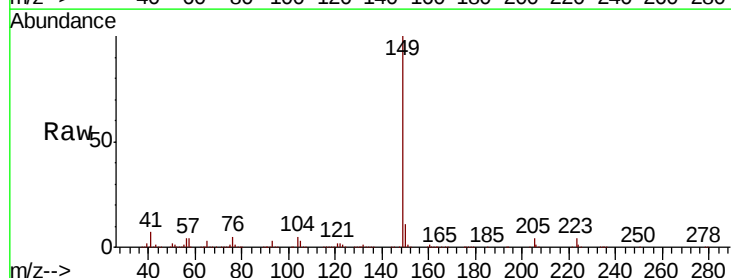
Instrument :
 BNA_G
 ClientSampleId :

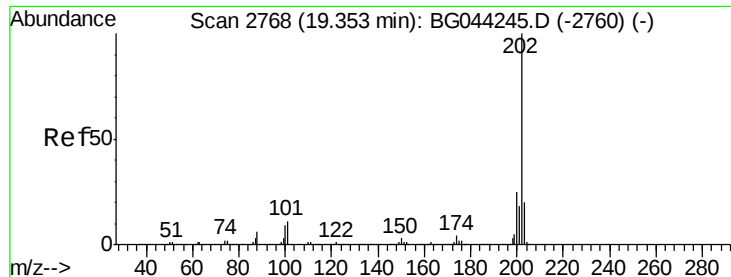
Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.8	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 43.310 ng
 RT: 18.27 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.7	13.1
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 43.755 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampled :

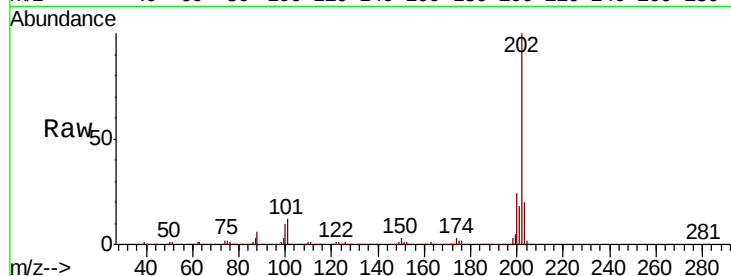
Tot Ion:202 Resp: 1274981

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

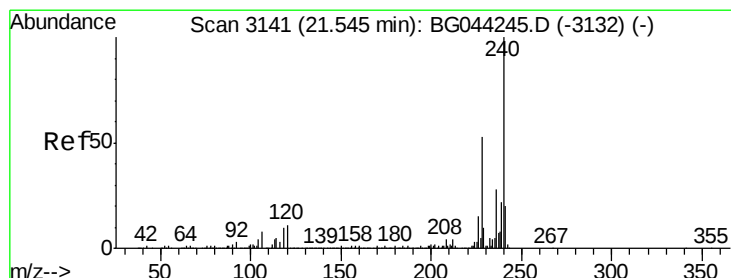
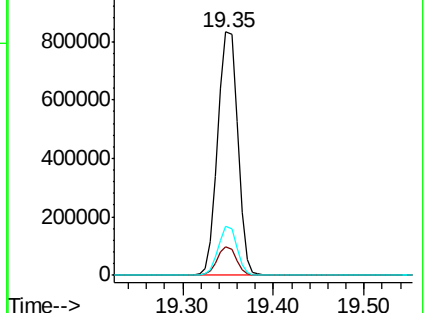
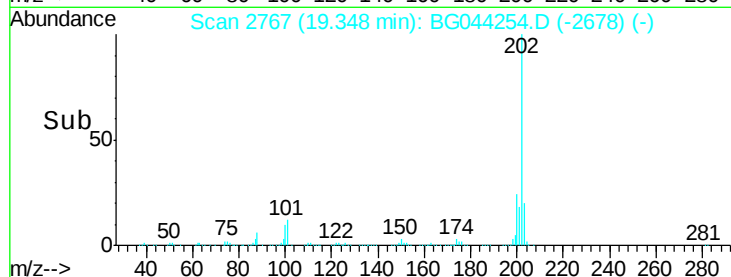
203 19.9 0.0 39.9



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: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

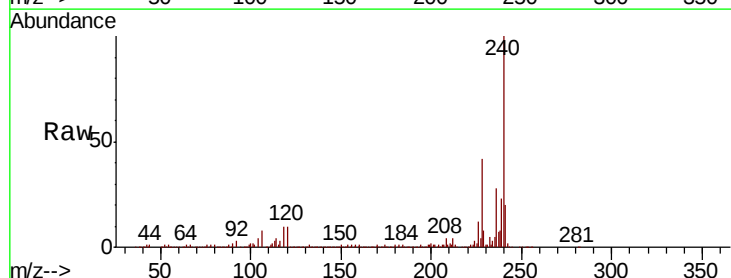
Tgt Ion:240 Resp: 478134

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

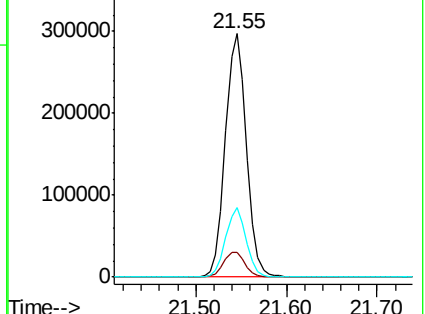
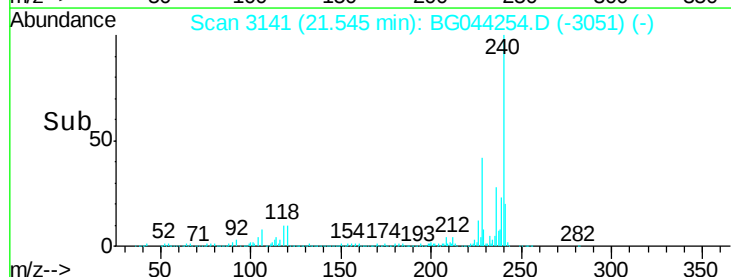
236 28.4 22.1 33.1

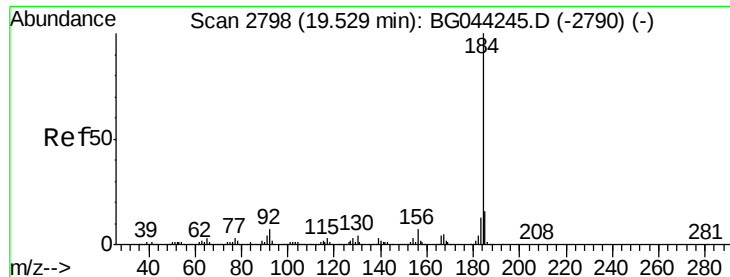


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.165 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampleId :

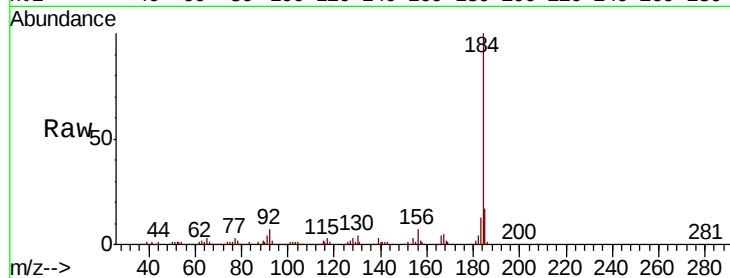
Tot Ion:184 Resp: 585725

Ion Ratio Lower Upper

184 100

185 16.6 12.9 19.3

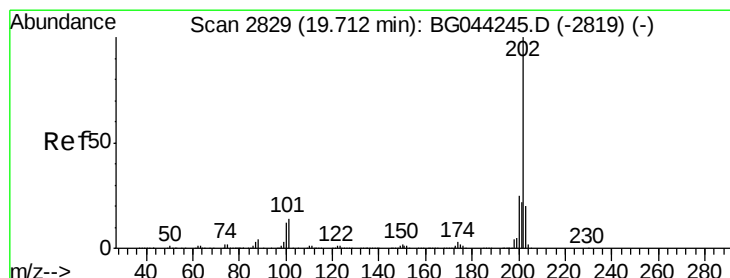
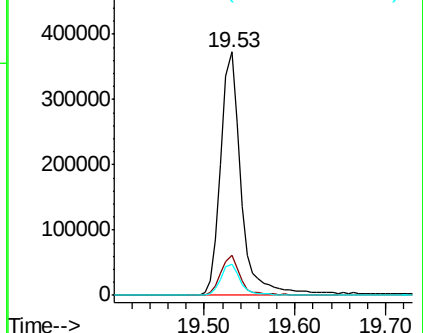
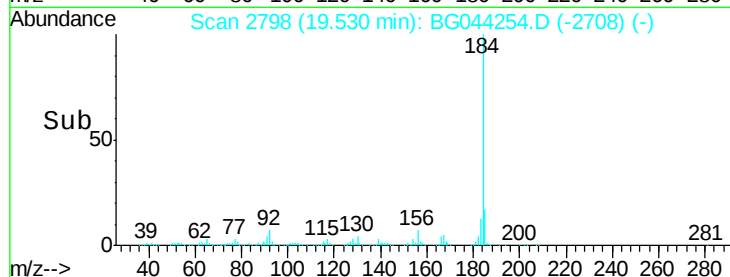
183 12.8 10.8 16.2



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: 41.596 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

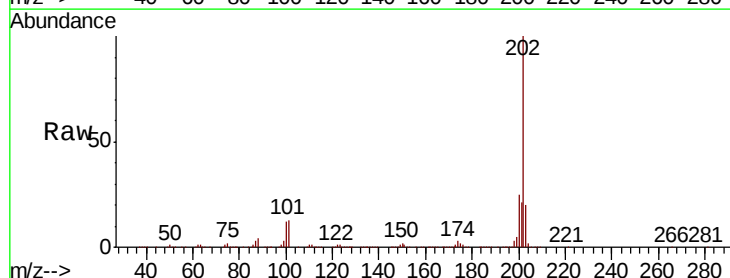
Tgt Ion:202 Resp: 1277251

Ion Ratio Lower Upper

202 100

200 24.7 20.0 30.0

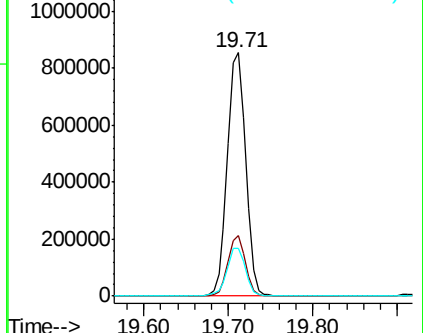
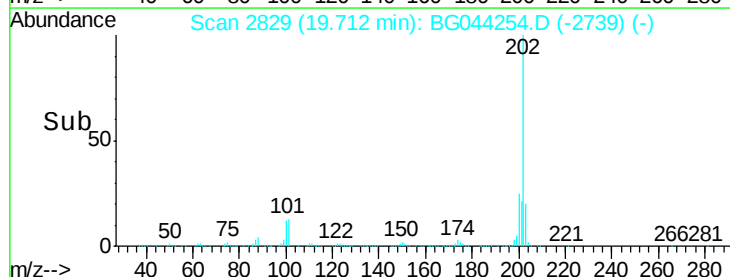
203 19.8 16.2 24.2



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: 68.836 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampleId :

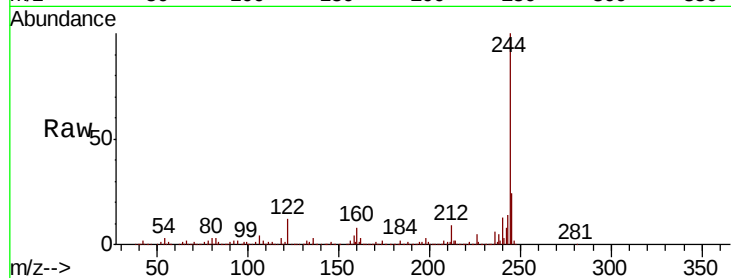
Tot Ion:244 Resp: 1600141

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

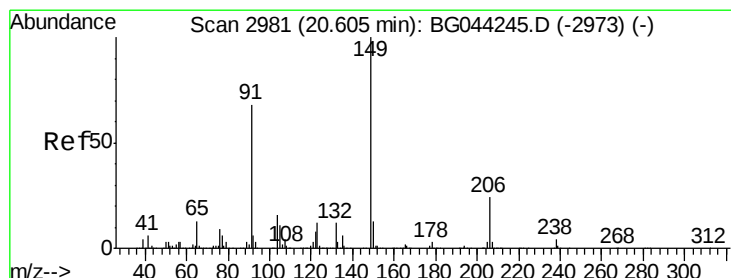
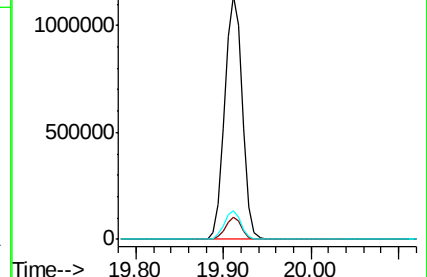
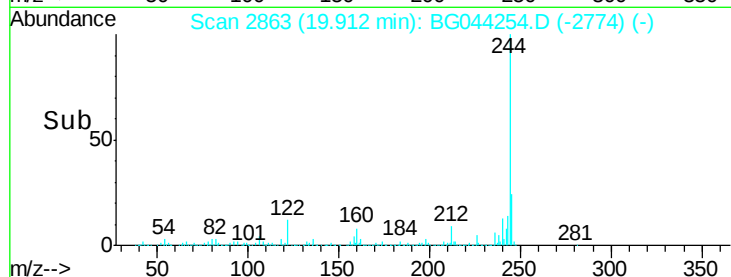
122 12.0 9.8 14.6



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: 40.472 ng

RT: 20.61 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

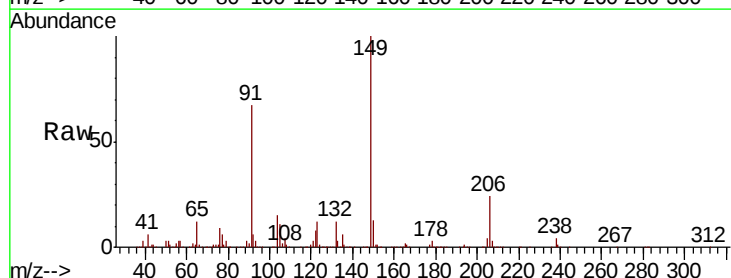
Tgt Ion:149 Resp: 566320

Ion Ratio Lower Upper

149 100

91 67.3 54.5 81.7

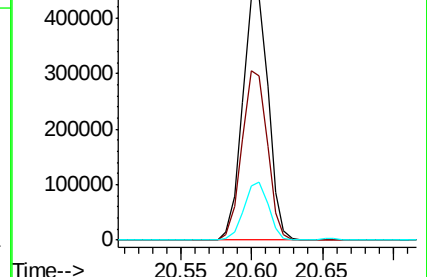
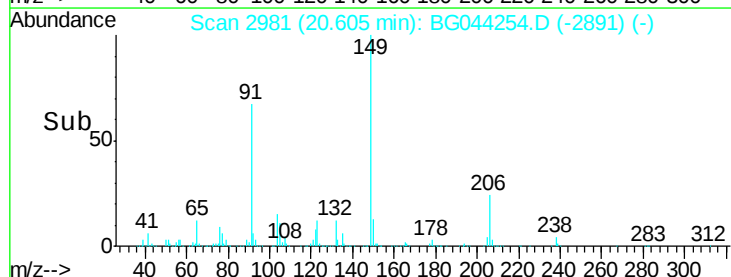
206 23.8 19.1 28.7

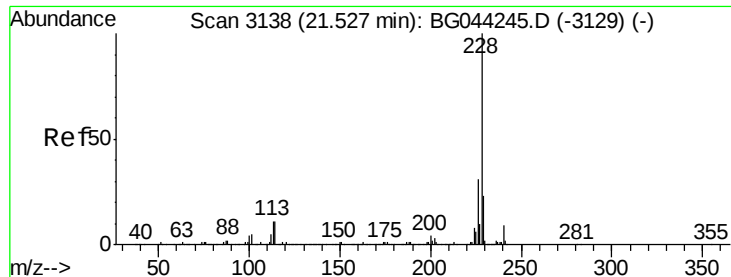


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

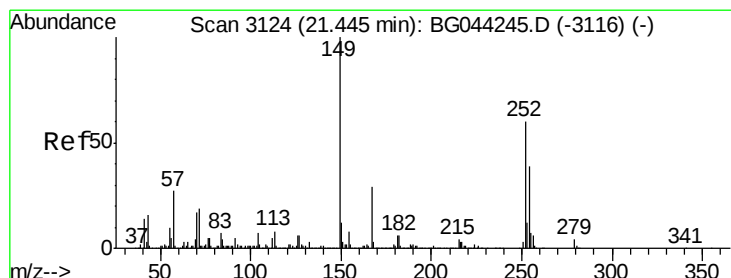
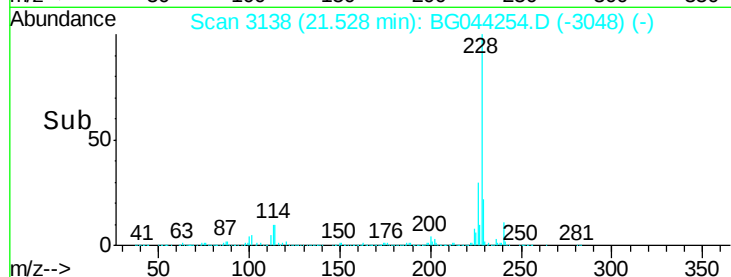
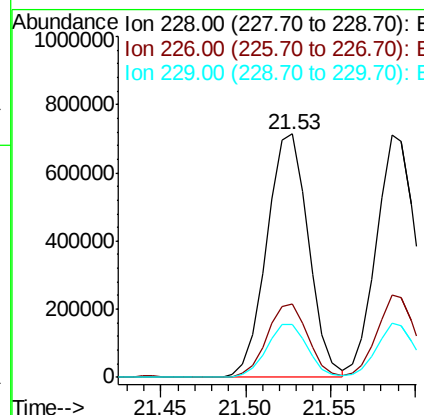
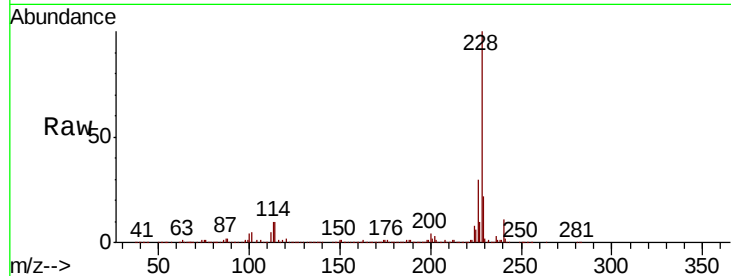




#81
Benzo(a)anthracene
Concen: 41.269 ng
RT: 21.53 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

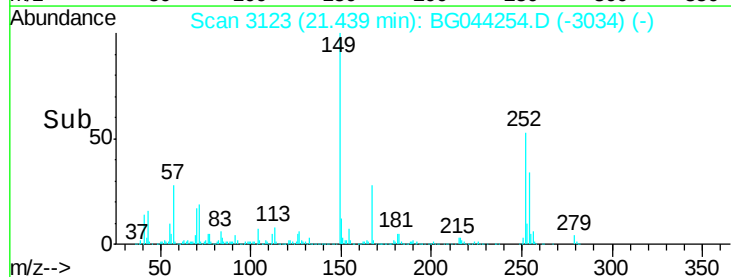
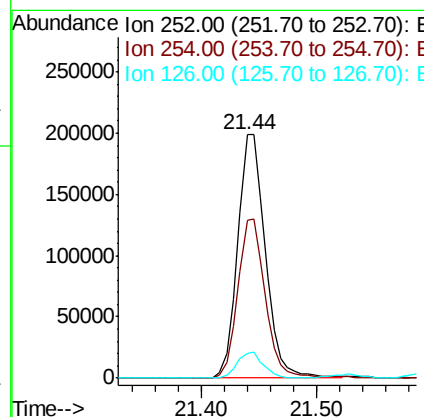
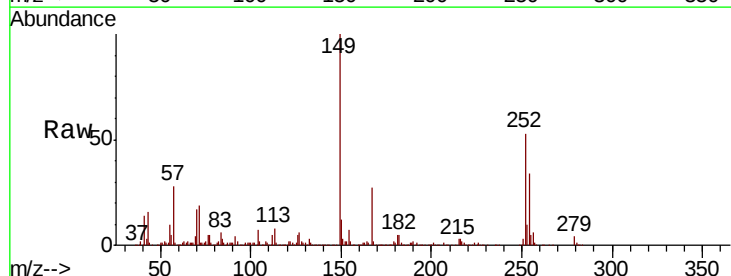
Instrument :
BNA_G
ClientSampleId :

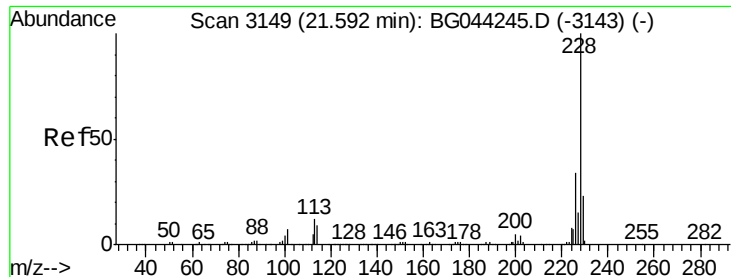
Tot Ion:228 Resp: 1216105
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 22.0 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 28.833 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:252 Resp: 329755
Ion Ratio Lower Upper
252 100
254 64.6 52.6 78.8
126 10.3 8.2 12.4



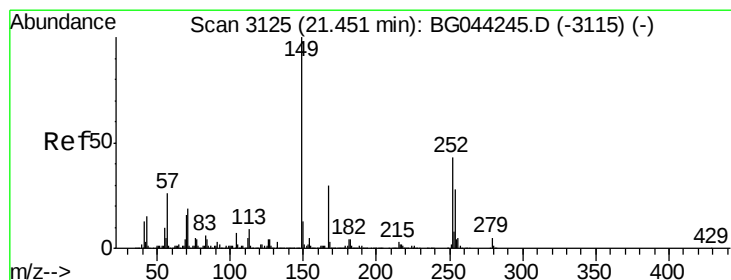
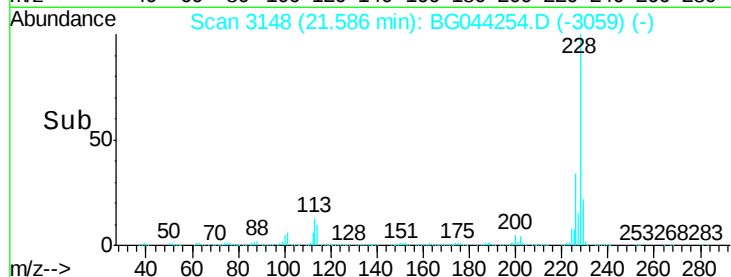
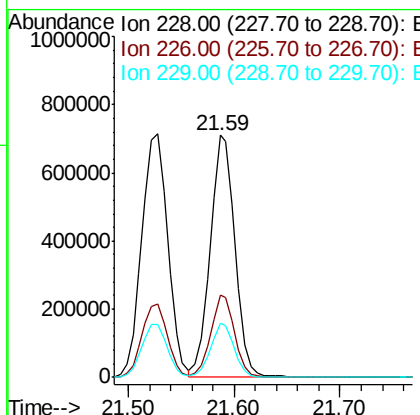
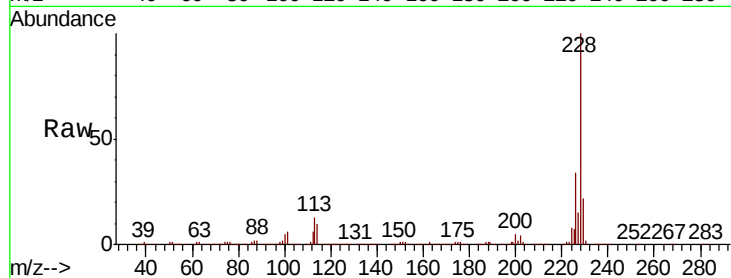


#83
 Chrvsene
 Concen: 40.755 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1160849

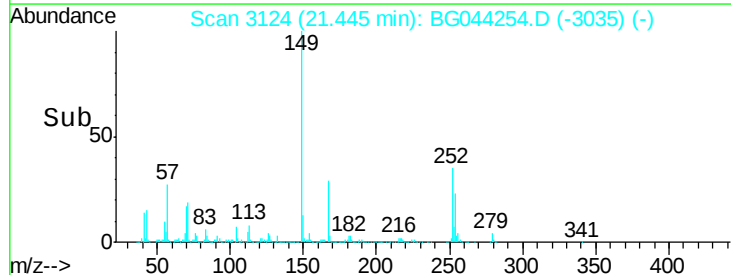
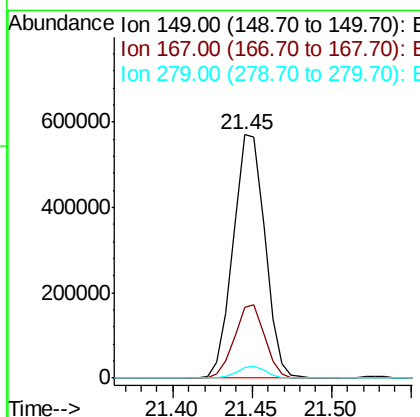
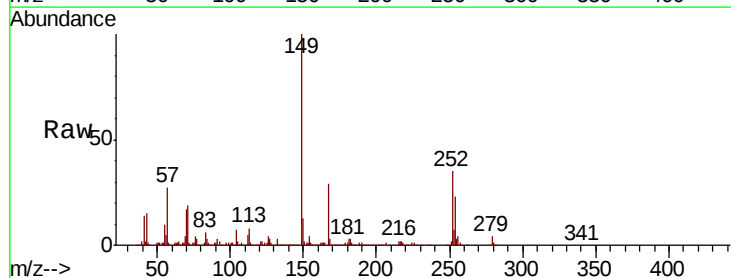
Ion	Ratio	Lower	Upper
228	100		
226	33.8	27.1	40.7
229	22.4	17.9	26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.202 ng
 RT: 21.45 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BG044254.D
 Acq: 31 Jan 2020 10:58

Tgt Ion:149 Resp: 793552

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.0	36.0
279	4.3	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 41.368 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Instrument :

BNA_G

ClientSampleId :

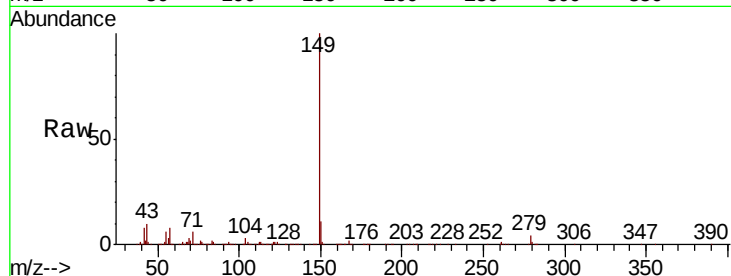
Tot Ion:149 Resp: 1378555

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

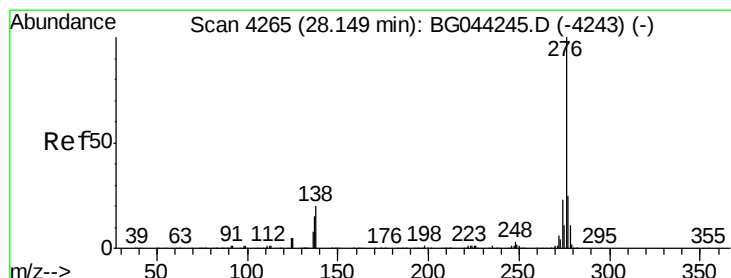
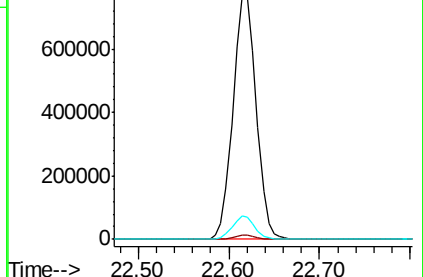
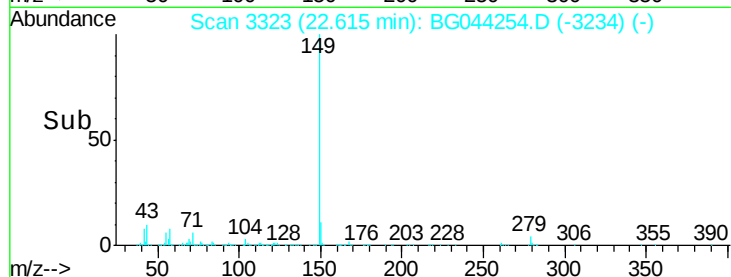
43 9.1 7.4 11.0



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: 40.293 ng

RT: 28.14 min Scan# 4264

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

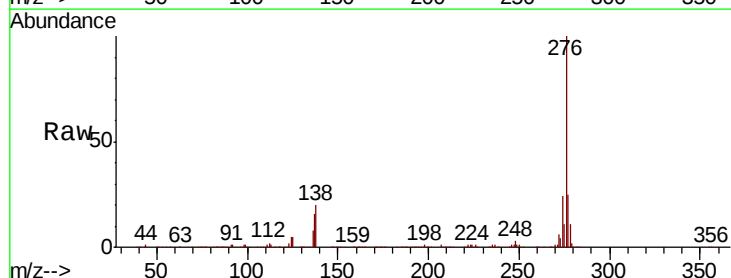
Tgt Ion:276 Resp: 1497316

Ion Ratio Lower Upper

276 100

138 16.2 19.4 29.0#

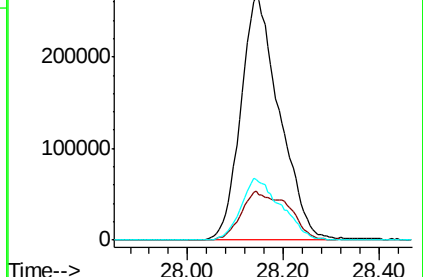
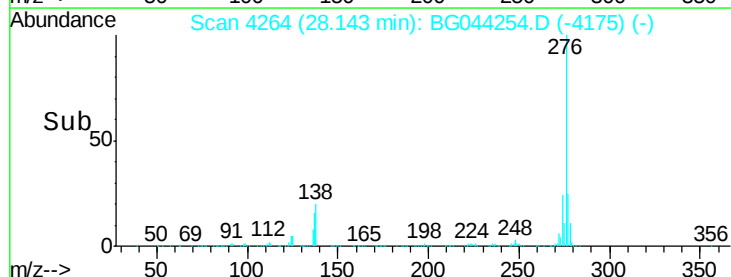
277 26.3 21.0 31.6

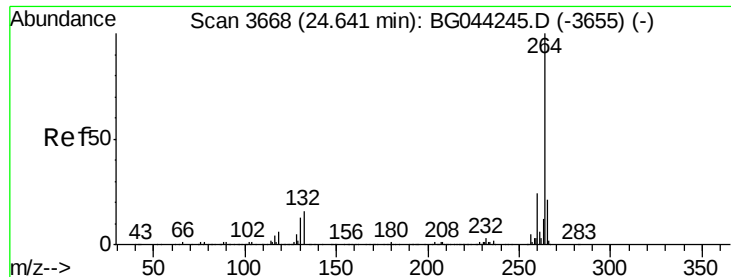


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.64 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

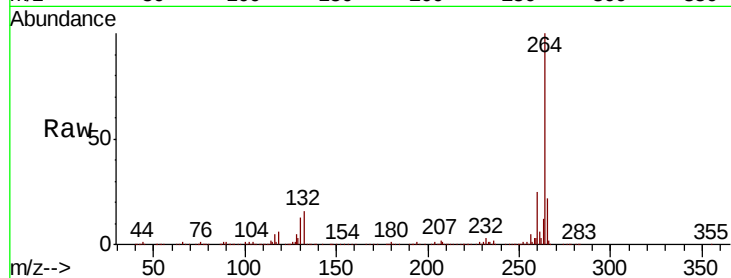
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 532109

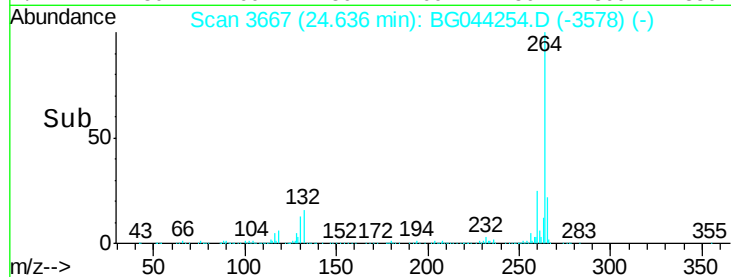
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	22.0	16.7	25.1



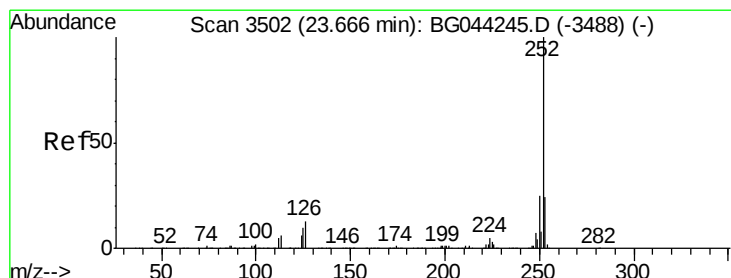
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 42.782 ng

RT: 23.67 min Scan# 3502

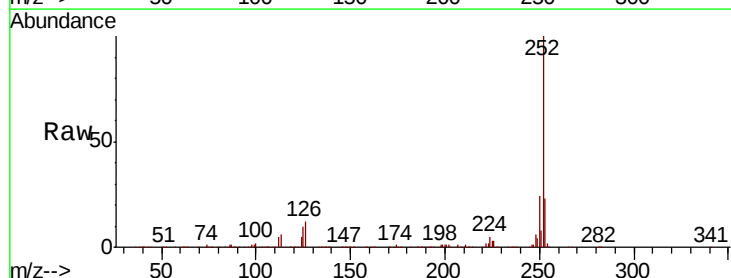
Delta R.T. 0.00 min

Lab File: BG044254.D

Acq: 31 Jan 2020 10:58

Tgt Ion:252 Resp: 1311792

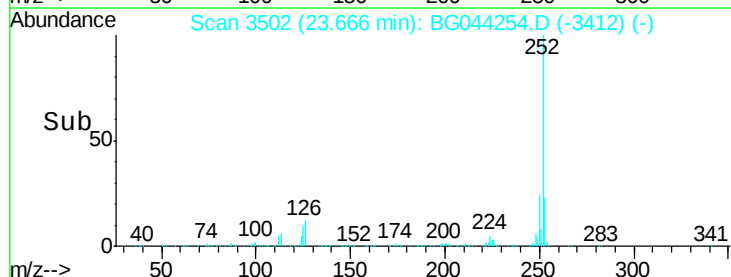
Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	10.2	8.4	12.6



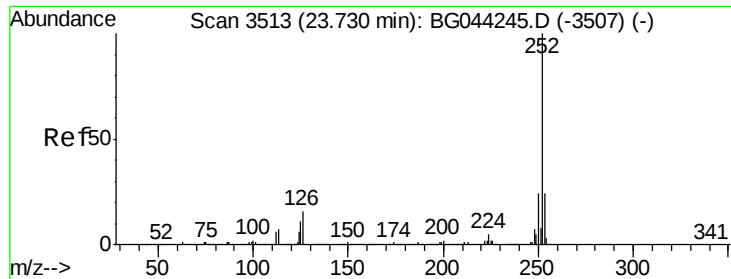
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



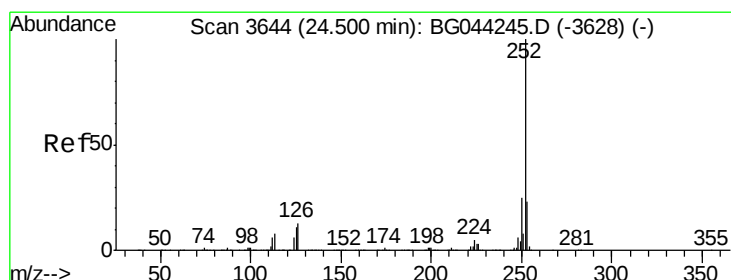
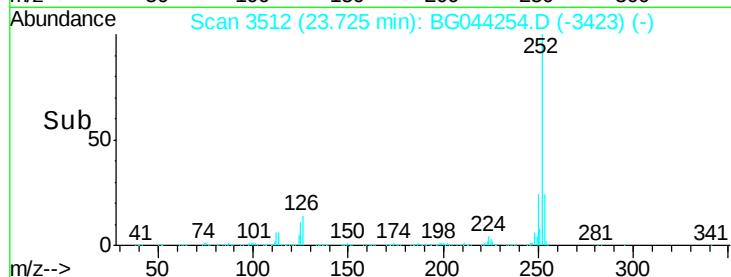
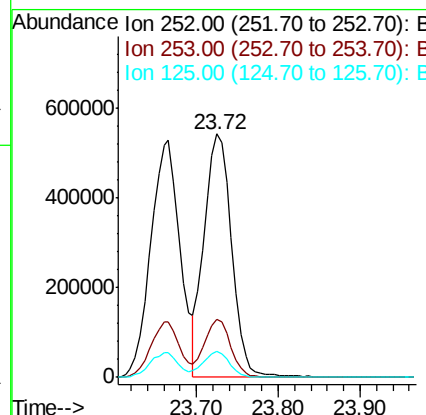
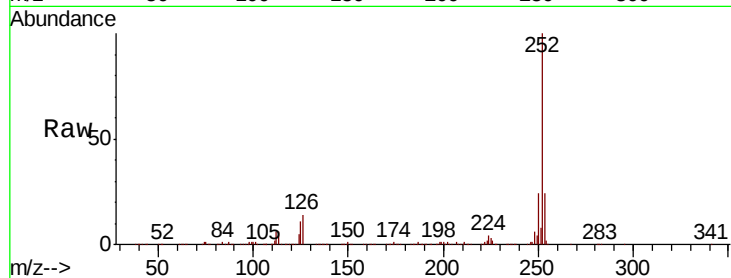
Time-->



#89
Benzo(k)fluoranthene
Concen: 42.201 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

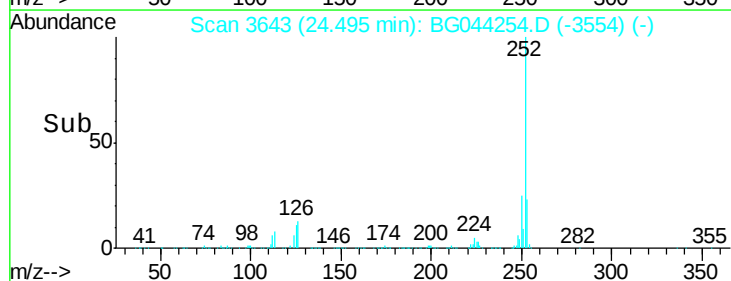
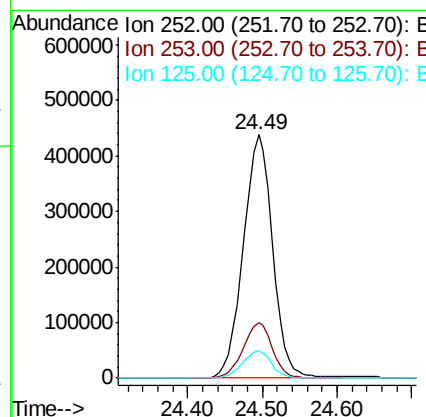
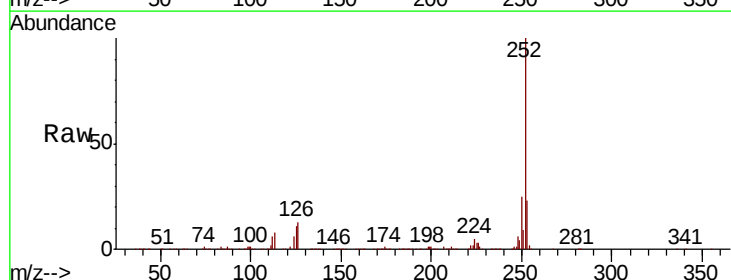
Instrument :
BNA_G
ClientSampleId :

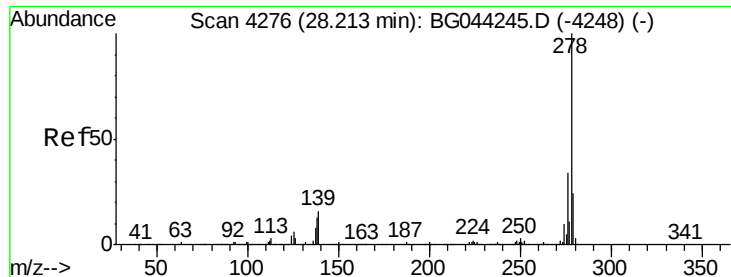
Tot Ion:252 Resp: 1261148
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 10.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 41.157 ng
RT: 24.49 min Scan# 3643
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:252 Resp: 1193170
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.2 8.6 13.0



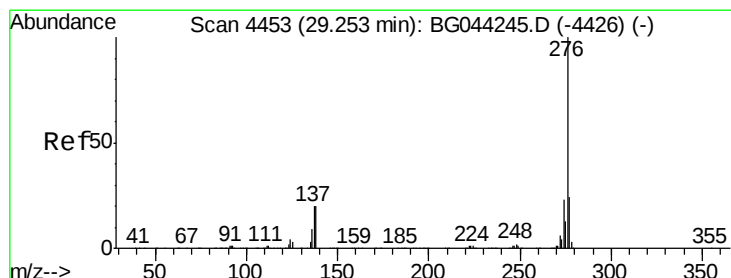
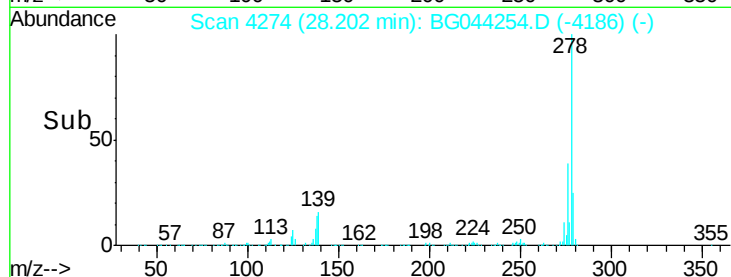
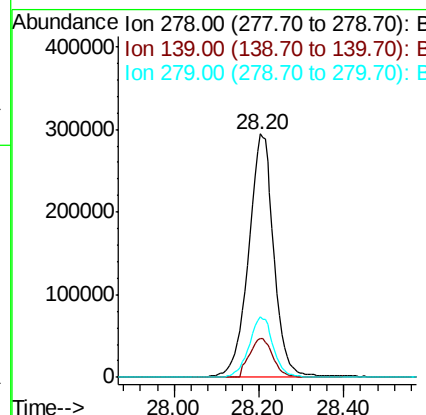
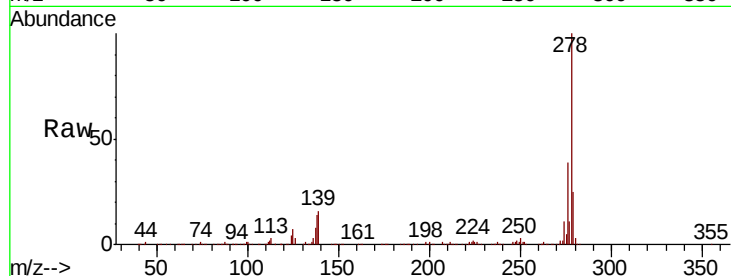


#91
Dibenzo(a,h)anthracene
Concen: 42.811 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1228302

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	24.8	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 43.782 ng
RT: 29.24 min Scan# 4450
Delta R.T. -0.02 min
Lab File: BG044254.D
Acq: 31 Jan 2020 10:58

Tgt Ion:276 Resp: 1257505

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	20.6	16.2	24.2

