

Data File : BG044650.D
Acq On : 3 Mar 2020 3:42
Operator : CG/JU
Sample : PB127195BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Quant Time: Mar 03 06:18:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	55010	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	262829	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	186105	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	412040	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	376162	20.00	ng	-0.07
87) Perylene-d12	24.45	264	429856	20.00	ng	-0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	243460	71.01	ng	-0.07
7) Phenol-d6	6.98	99	221599	47.22	ng	-0.07
23) Nitrobenzene-d5	8.96	82	437638	85.78	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	233698	88.56	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	1044006	80.33	ng	-0.06
79) Terphenyl-d14	19.82	244	1715883	86.35	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	26147	17.477	ng	94
4) n-Nitrosodimethylamine	3.55	42	35209	22.206	ng	90
6) Aniline	7.22	93	199823	34.972	ng	# 58
8) 2-Chlorophenol	7.37	128	209351	55.936	ng	99
9) Benzaldehyde	6.94	77	80834	29.292	ng	100
10) Phenol	7.01	94	123880	27.239	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	199823	52.265	ng	97
12) 1,3-Dichlorobenzene	7.70	146	190510	42.678	ng	100
13) 1,4-Dichlorobenzene	7.84	146	192719	42.958	ng	99
14) 1,2-Dichlorobenzene	8.16	146	185901	43.574	ng	98
15) Benzyl Alcohol	8.04	79	113444	35.843	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	257555	50.125	ng	99
17) 2-Methylphenol	8.26	107	164053	50.494	ng	97
18) Hexachloroethane	8.89	117	65585	40.003	ng	98
19) n-Nitroso-di-n-propylamine	8.62	70	164255	54.450	ng	99
20) 3+4-Methylphenols	8.59	107	208445	46.861	ng	100
22) Acetophenone	8.62	105	307851	46.653	ng	# 98
24) Nitrobenzene	9.01	77	227657	46.060	ng	99
25) Isophorone	9.53	82	462689	48.481	ng	99
26) 2-Nitrophenol	9.72	139	128569	47.965	ng	95
27) 2,4-Dimethylphenol	9.79	122	208540	55.409	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	283734	44.956	ng	99
29) 2,4-Dichlorophenol	10.26	162	220191	48.935	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	204476	39.293	ng	98
31) Naphthalene	10.66	128	621628	43.344	ng	99
32) Benzoic acid	9.95	122	26346	29.107	ng	98
33) 4-Chloroaniline	10.77	127	20664	3.271	ng	97
34) Hexachlorobutadiene	10.95	225	114649	35.082	ng	98
35) Caprolactam	11.54	113	4960	3.079	ng	94
36) 4-Chloro-3-methylphenol	11.90	107	233944	50.509	ng	97
37) 2-Methylnaphthalene	12.27	142	490092	46.238	ng	97
38) 1-Methylnaphthalene	12.49	142	467092	46.378	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	255978	40.857	ng	99
41) Hexachlorocyclopentadiene	12.63	237	241282	80.714	ng	99

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QLast Update : Mon Feb 24 16:11:23 2020
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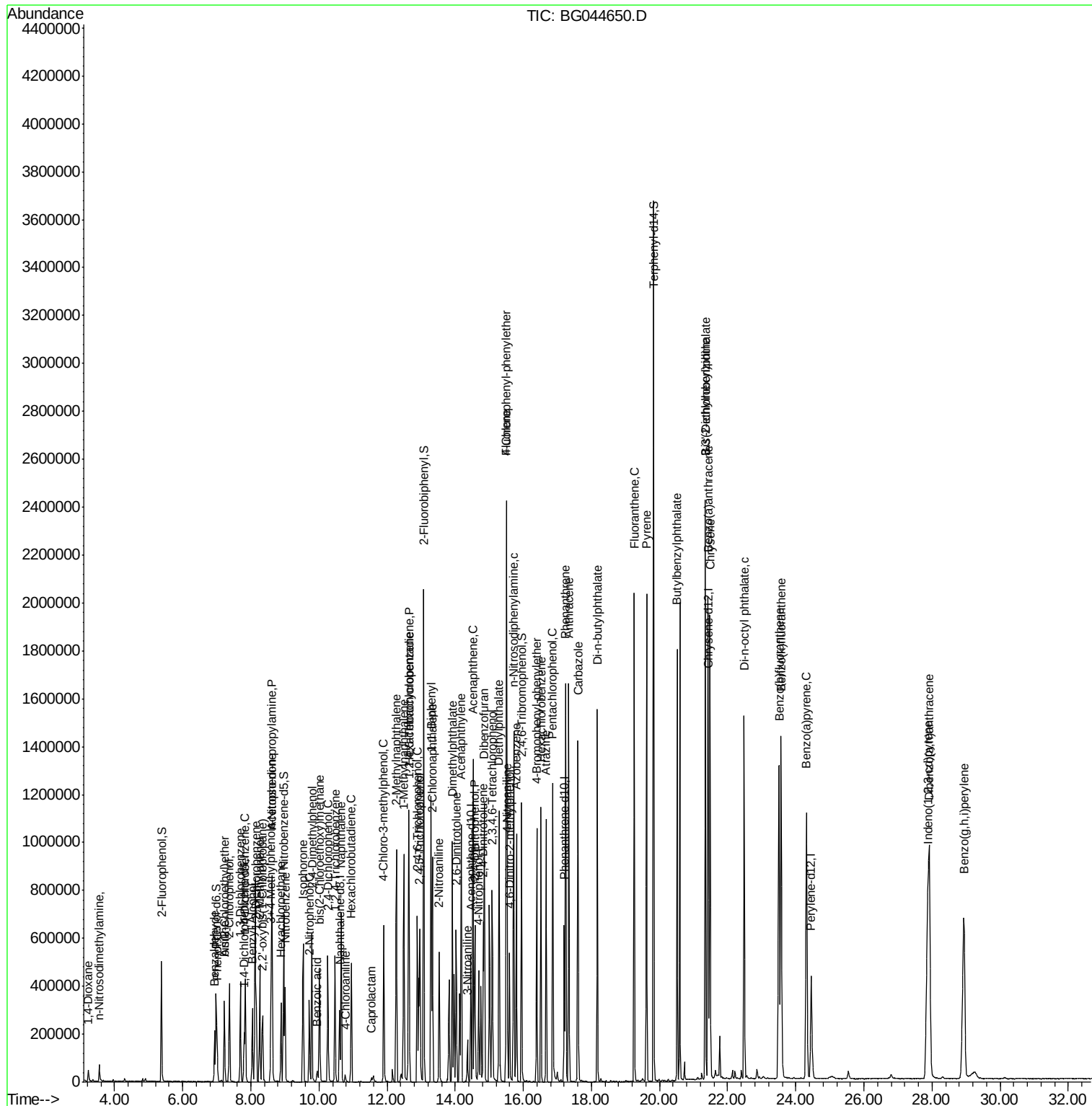
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.89	196	186152	45.759	ng	99
44) 2,4,5-Trichlorophenol	12.97	196	200531	47.986	ng	98
46) 1,1'-Biphenyl	13.29	154	642563	41.722	ng	98
47) 2-Chloronaphthalene	13.33	162	500484	41.442	ng	99
48) 2-Nitroaniline	13.53	65	149471	44.586	ng	94
49) Acenaphthylene	14.18	152	800581	44.908	ng	99
50) Dimethylphthalate	13.92	163	678388	45.162	ng	99
51) 2,6-Dinitrotoluene	14.03	165	154457	46.624	ng	94
52) Acenaphthene	14.52	154	501410	44.124	ng	99
53) 3-Nitroaniline	14.36	138	51106	14.304	ng	99
54) 2,4-Dinitrophenol	14.58	184	180240	89.991	ng	97
55) Dibenzofuran	14.86	168	795507	45.663	ng	99
56) 4-Nitrophenol	14.69	139	143766	58.498	ng	97
57) 2,4-Dinitrotoluene	14.83	165	220752	47.396	ng	99
58) Fluorene	15.51	166	631542	45.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	186680	48.510	ng	99
60) Diethylphthalate	15.29	149	676965	45.485	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	339546	45.210	ng	99
62) 4-Nitroaniline	15.53	138	135977	38.009	ng	93
63) Azobenzene	15.80	77	598044	47.215	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	140435	55.044	ng	99
66) n-Nitrosodiphenylamine	15.72	169	589648	45.877	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	232503	45.459	ng	98
68) Hexachlorobenzene	16.52	284	256985	44.441	ng	96
69) Atrazine	16.67	200	222009	46.724	ng	98
70) Pentachlorophenol	16.86	266	261221	91.198	ng	97
71) Phenanthrene	17.24	178	1047087	45.901	ng	98
72) Anthracene	17.34	178	1070178	47.604	ng	98
73) Carbazole	17.61	167	952028	46.525	ng	99
74) Di-n-butylphthalate	18.17	149	1158297	45.172	ng	98
75) Fluoranthene	19.26	202	1253675	46.424	ng	99
78) Pyrene	19.62	202	1265852	46.358	ng	98
80) Butylbenzylphthalate	20.52	149	531128	44.468	ng	99
81) Benzo(a)anthracene	21.42	228	1215771	45.986	ng	98
82) 3,3'-Dichlorobenzidine	21.34	252	237731	22.761	ng	99
83) Chrysene	21.48	228	1176095	46.010	ng	98
84) Bis(2-ethylhexyl)phthalate	21.34	149	754333	45.835	ng	99
85) Di-n-octyl phthalate	22.48	149	1321146	45.627	ng	98
86) Indeno(1,2,3-cd)pyrene	27.87	276	1527235	46.555	ng	99
88) Benzo(b)fluoranthene	23.51	252	1313727	46.483	ng	99
89) Benzo(k)fluoranthene	23.57	252	1271536	46.368	ng	100
90) Benzo(a)pyrene	24.31	252	1193209	44.935	ng	99
91) Dibenzo(a,h)anthracene	27.92	278	1261967	48.054	ng	99
92) Benzo(g,h,i)perylene	28.93	276	1286370	48.890	ng	98

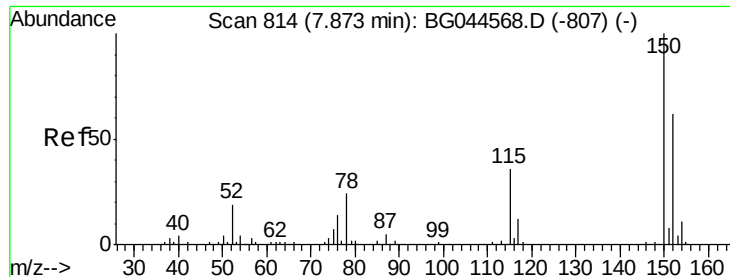
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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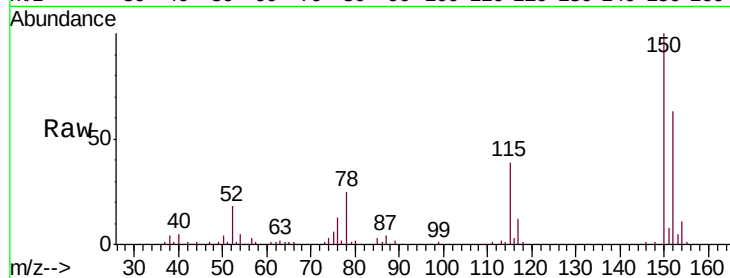


#1

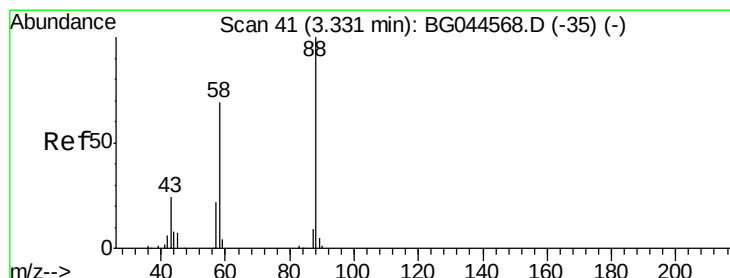
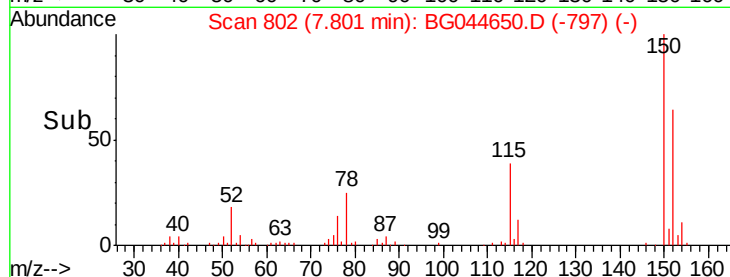
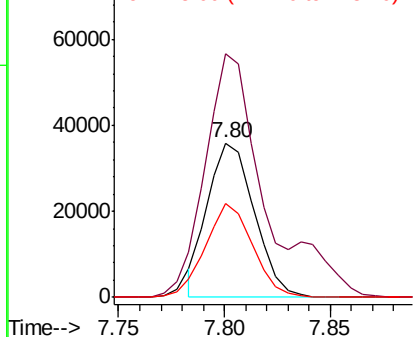
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tgt Ion:152 Resp: 55010
 Ion Ratio Lower Upper
 152 100
 150 157.6 128.9 193.3
 115 60.8 47.0 70.4



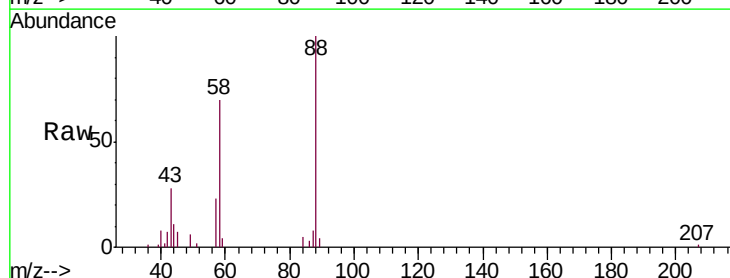
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



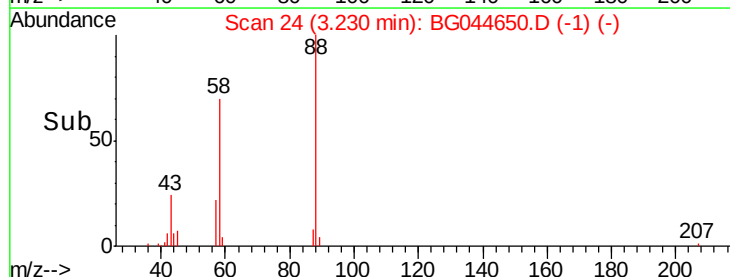
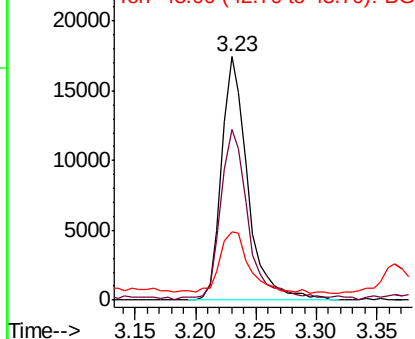
#2

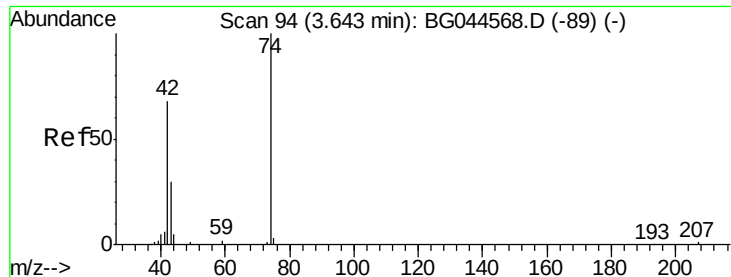
1,4-Dioxane
 Concen: 17.477 ng
 RT: 3.23 min Scan# 24
 Delta R.T. -0.10 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion: 88 Resp: 26147
 Ion Ratio Lower Upper
 88 100
 58 75.2 55.8 83.8
 43 27.2 20.6 31.0



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





#4

n-Nitrosodimethylamine

Concen: 22.206 ng

RT: 3.55 min Scan# 78

Delta R.T. -0.10 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

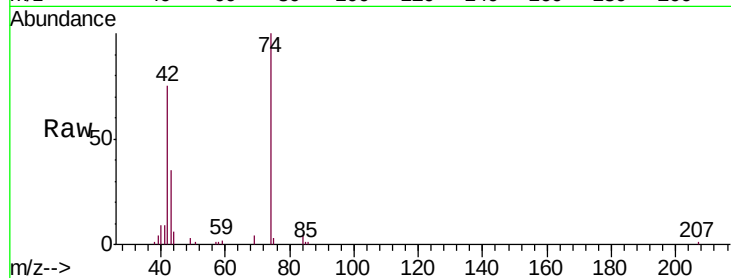
Tgt Ion: 42 Resp: 35209

Ion Ratio Lower Upper

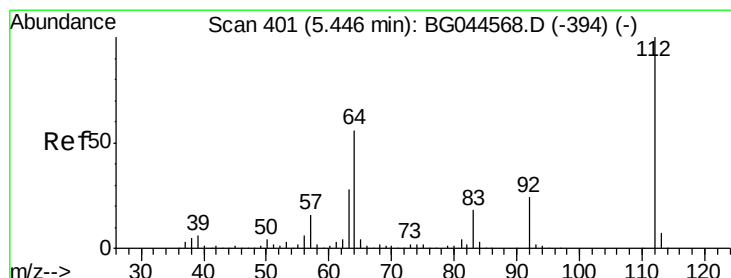
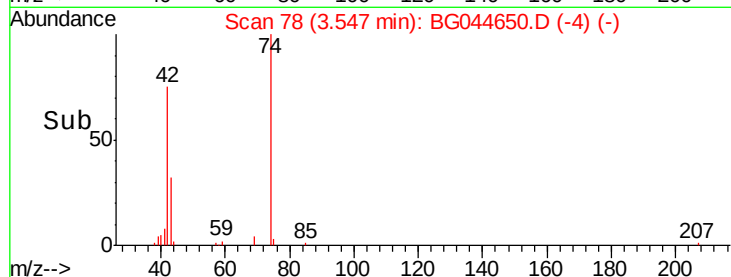
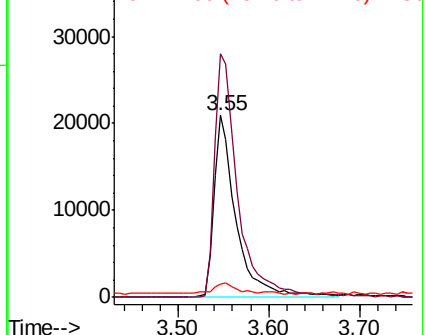
42 100

74 134.1 117.6 176.4

44 7.6 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 71.010 ng

RT: 5.37 min Scan# 389

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

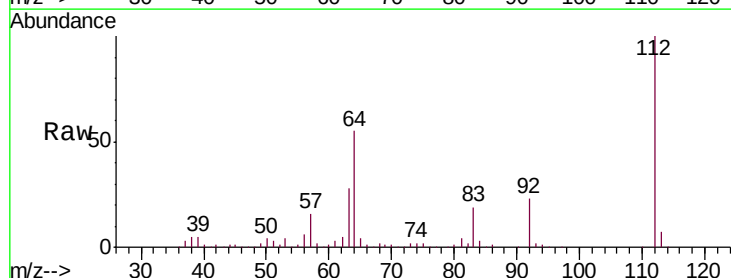
Tgt Ion: 112 Resp: 243460

Ion Ratio Lower Upper

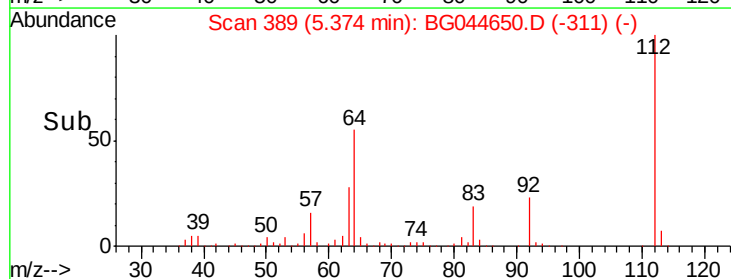
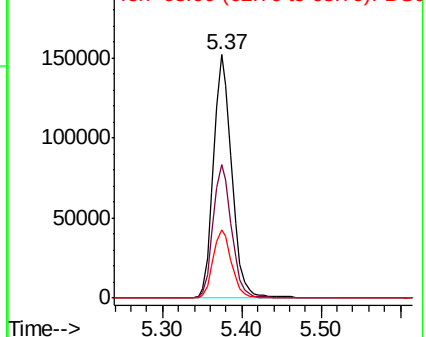
112 100

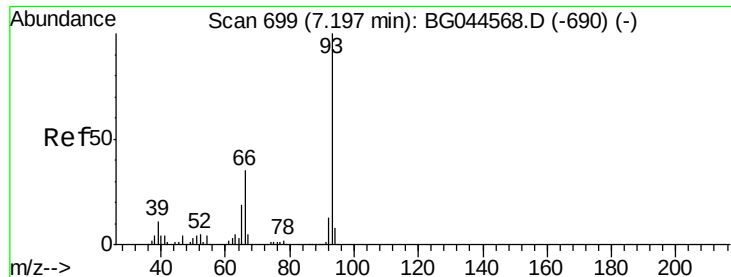
64 55.0 44.8 67.2

63 28.2 22.3 33.5



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: 34.972 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.03 min

Lab File: BG044650.D

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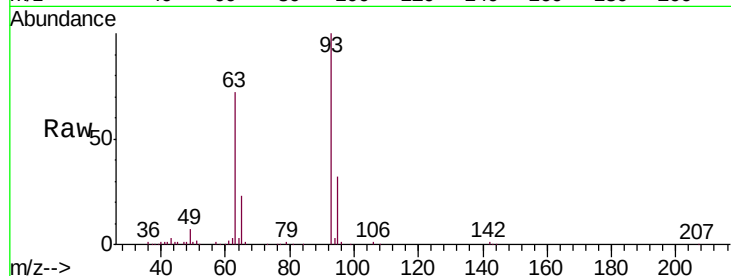
Tgt Ion: 93 Resp: 199823

Ion Ratio Lower Upper

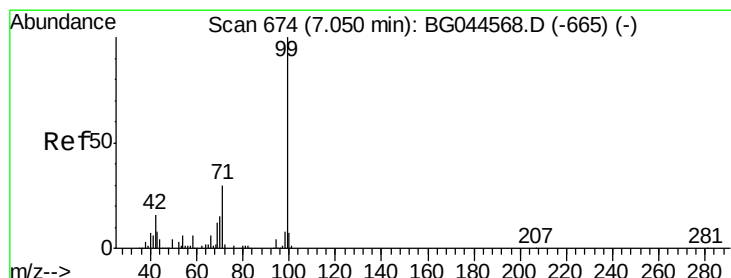
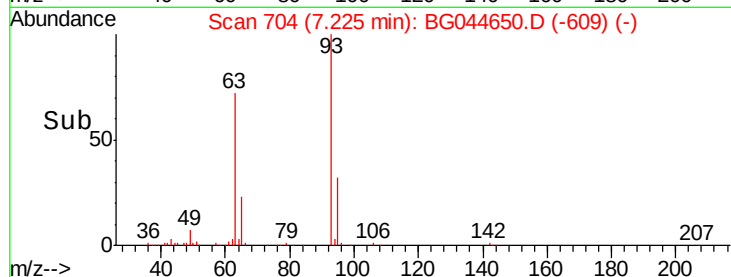
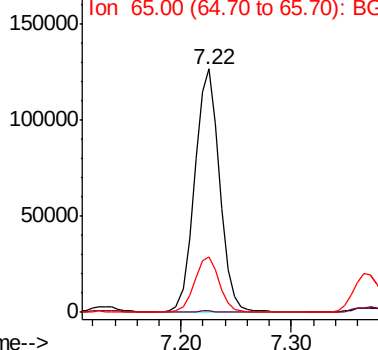
93 100

66 0.7 27.8 41.8#

65 22.7 14.9 22.3#



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: 47.219 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

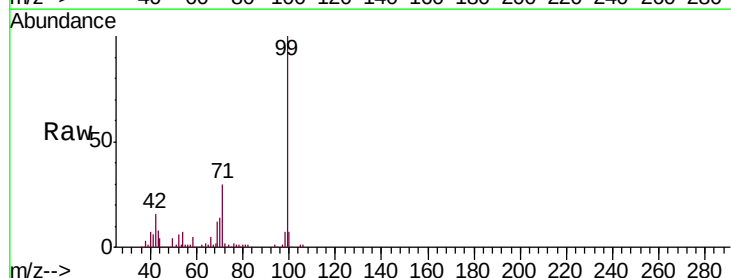
Tgt Ion: 99 Resp: 221599

Ion Ratio Lower Upper

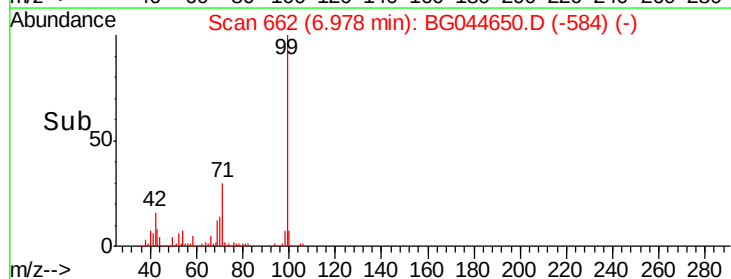
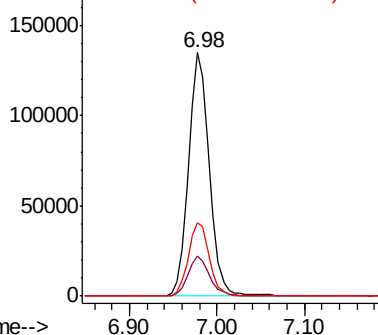
99 100

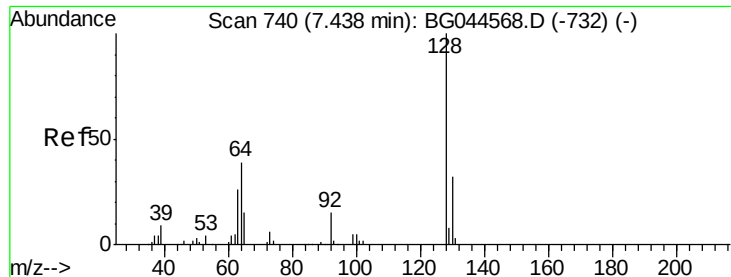
42 16.4 12.8 19.2

71 30.2 24.4 36.6



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: 55.936 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.07 min

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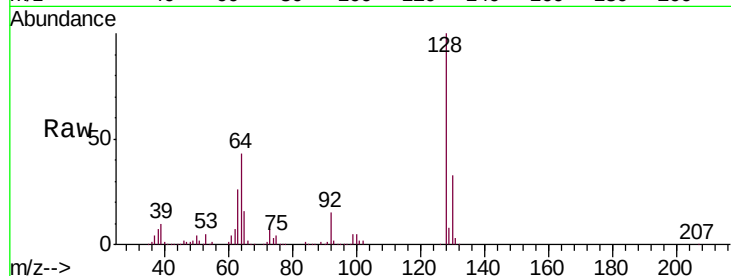
Tgt Ion:128 Resp: 209351

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

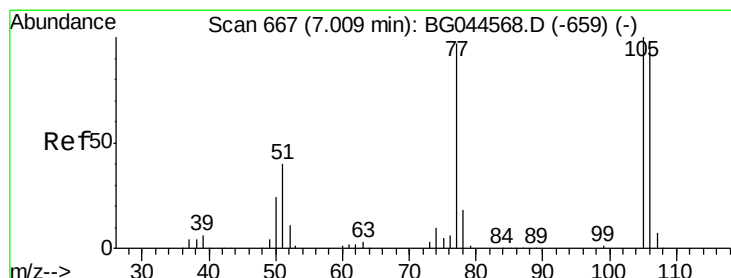
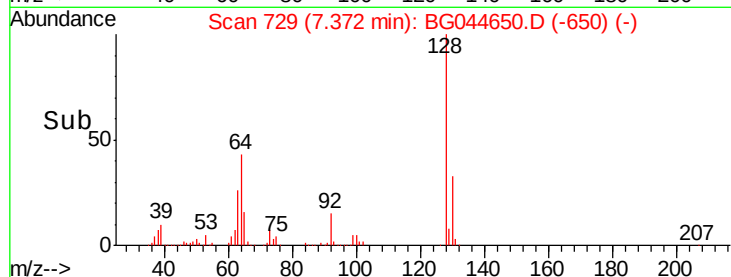
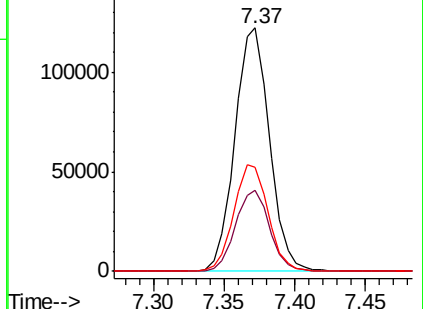
64 42.7 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 29.292 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

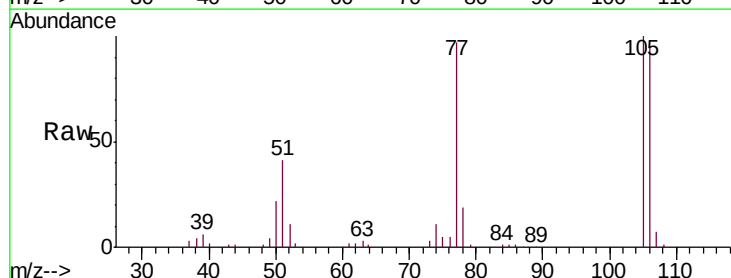
Tgt Ion: 77 Resp: 80834

Ion Ratio Lower Upper

77 100

105 103.4 83.6 123.6

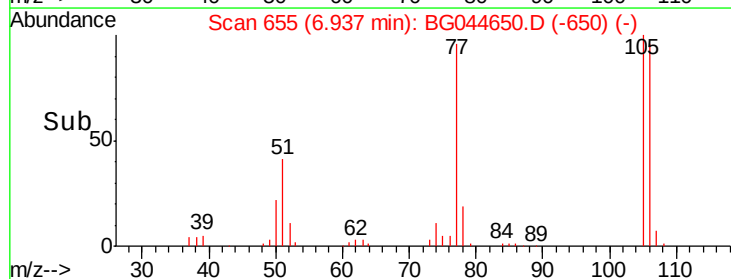
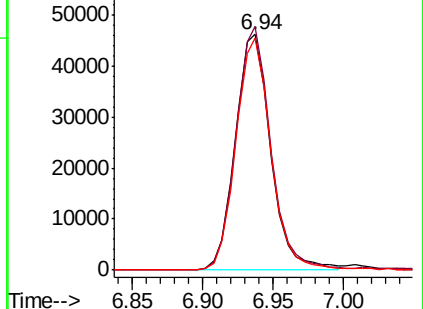
106 98.3 78.2 118.2

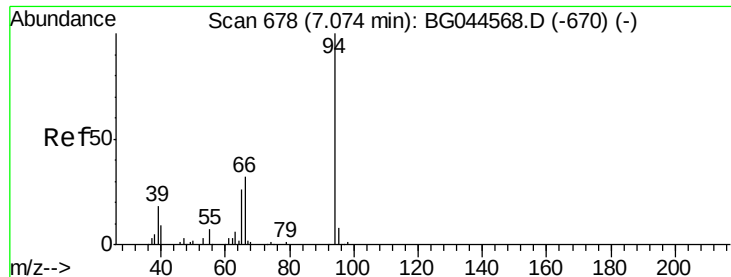


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

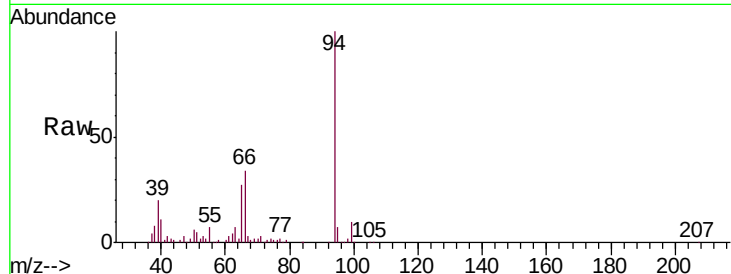




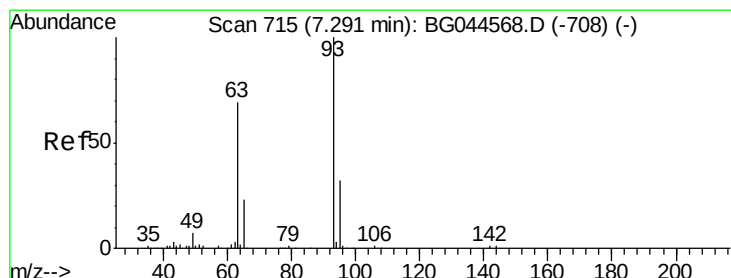
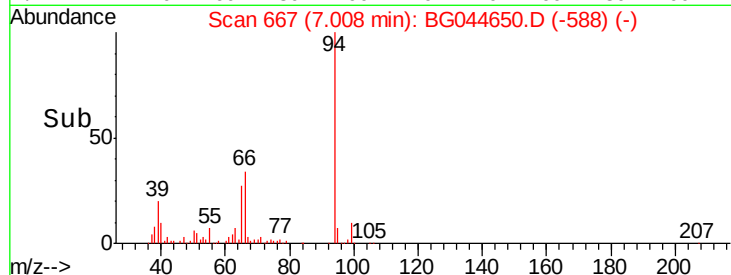
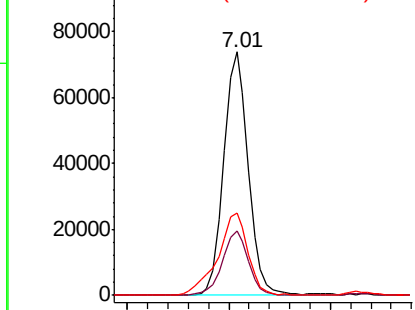
#10
Phenol
Concen: 27.239 ng
RT: 7.01 min Scan# 667
Delta R.T. -0.07 min
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Tgt Ion: 94 Resp: 123880
Ion Ratio Lower Upper
94 100
65 26.6 6.4 46.4
66 33.7 13.9 53.9

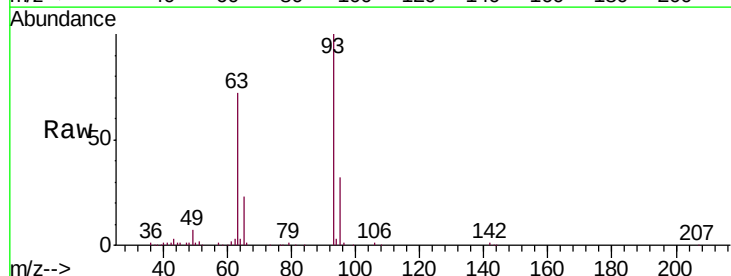


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

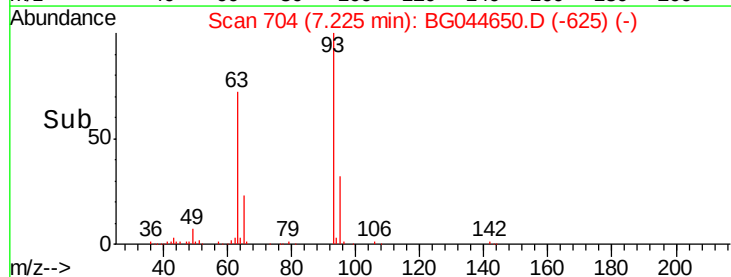
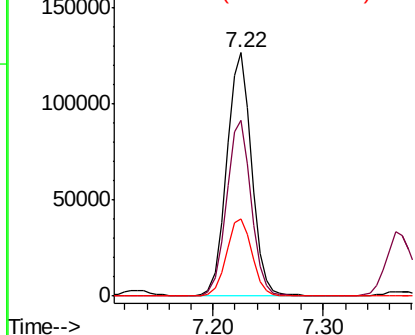


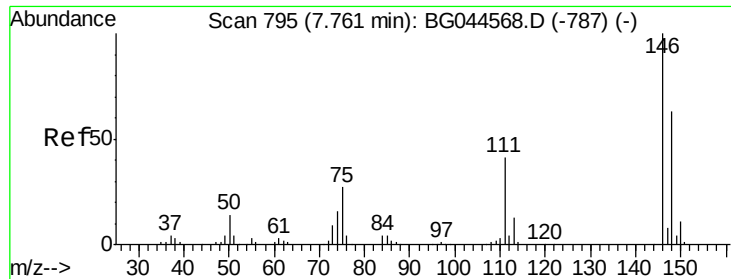
#11
bis(2-Chloroethyl)ether
Concen: 52.265 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion: 93 Resp: 199823
Ion Ratio Lower Upper
93 100
63 72.2 48.9 88.9
95 31.7 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

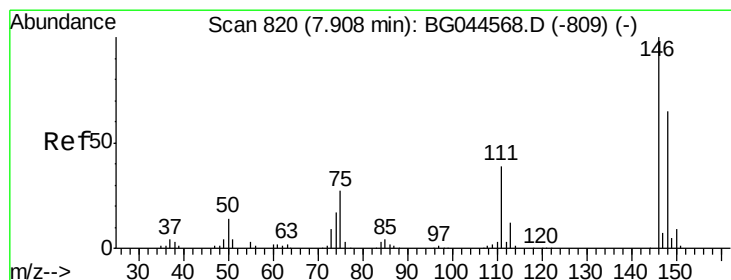
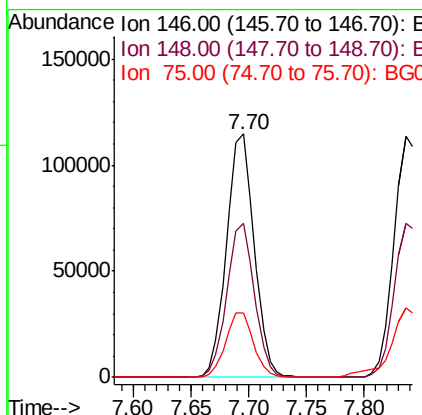
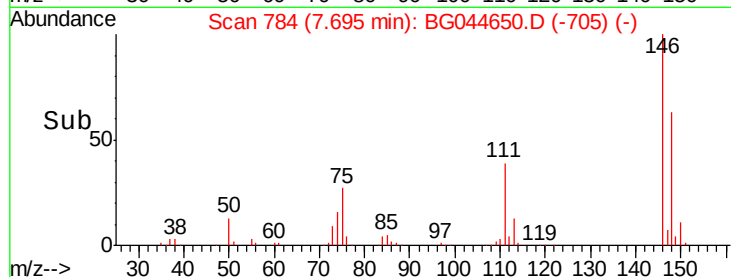
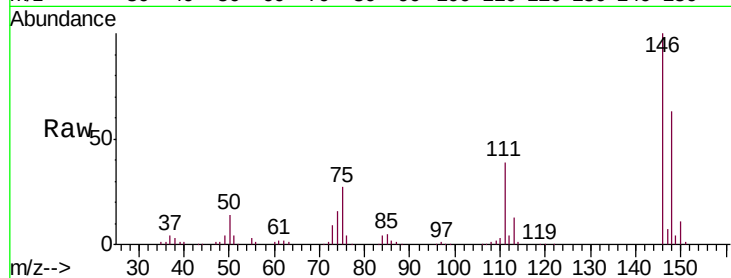




#12
 1,3-Dichlorobenzene
 Concen: 42.678 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

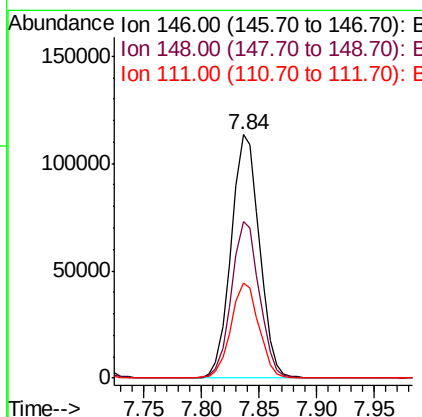
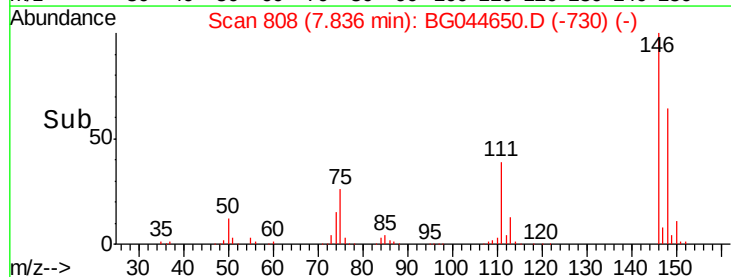
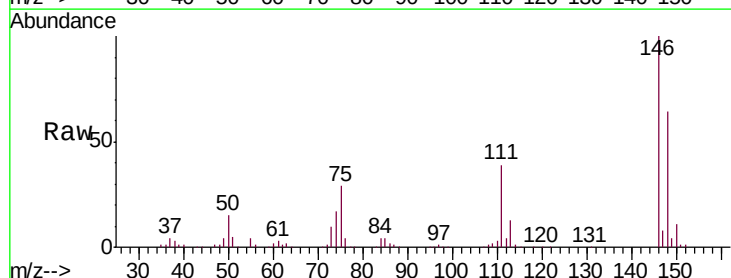
Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

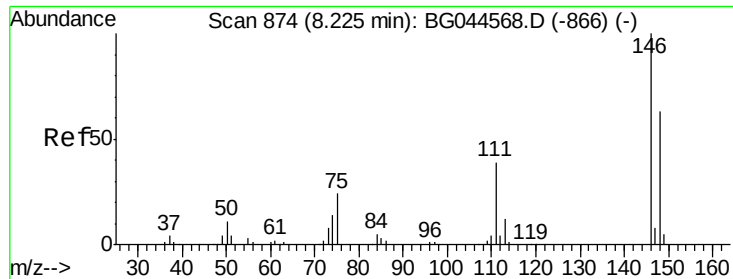
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	26.7	21.4	32.0



#13
 1,4-Dichlorobenzene
 Concen: 42.958 ng
 RT: 7.84 min Scan# 808
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	39.0	30.8	46.2

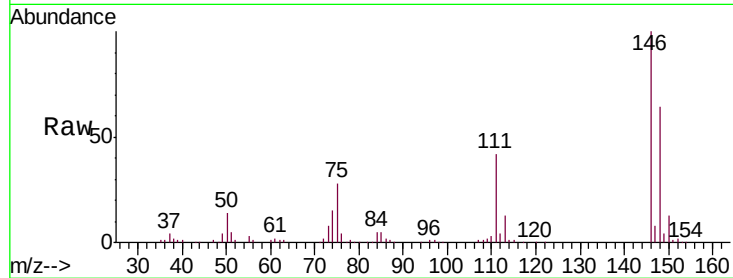




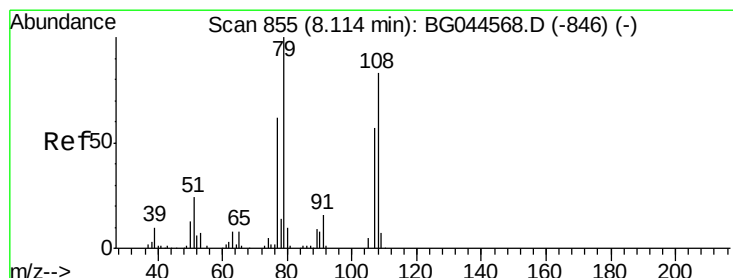
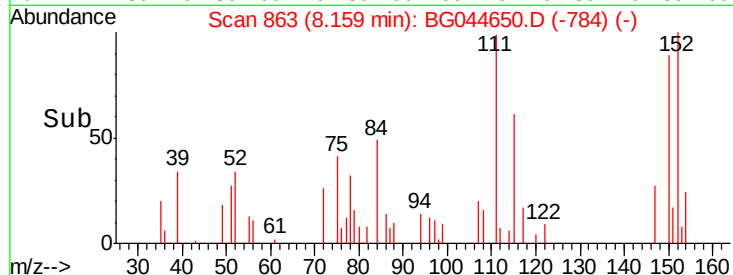
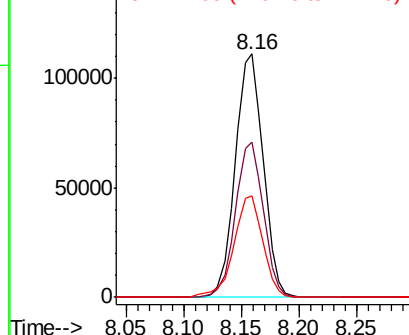
#14
 1,2-Dichlorobenzene
 Concen: 43.574 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tgt Ion: 146 Resp: 185901
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.7 76.1
 111 41.9 31.8 47.6

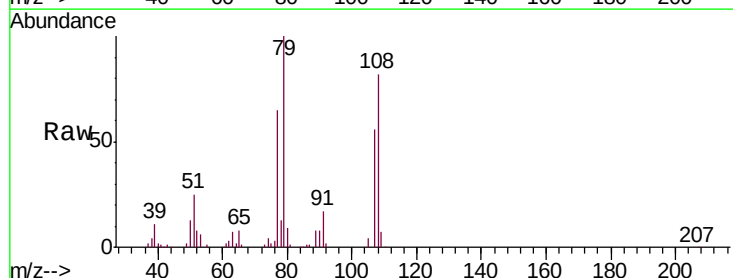


Abundance Ion 146.00 (145.70 to 146.70): E
 150000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

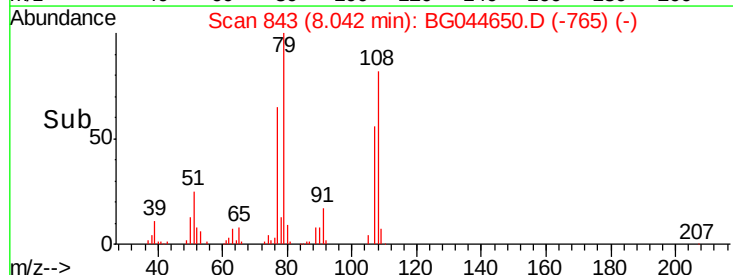
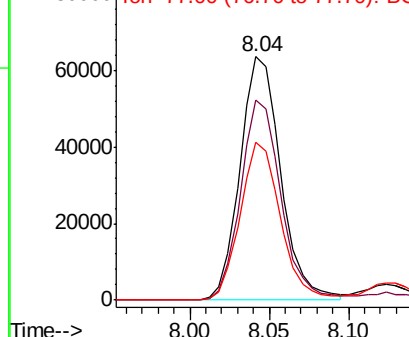


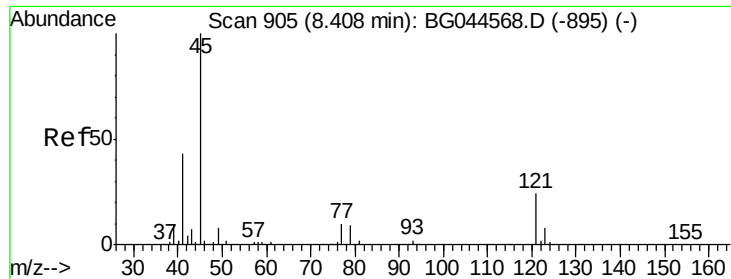
#15
 Benzyl Alcohol
 Concen: 35.843 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion: 79 Resp: 113444
 Ion Ratio Lower Upper
 79 100
 108 82.4 66.0 99.0
 77 65.0 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
 80000 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BGC

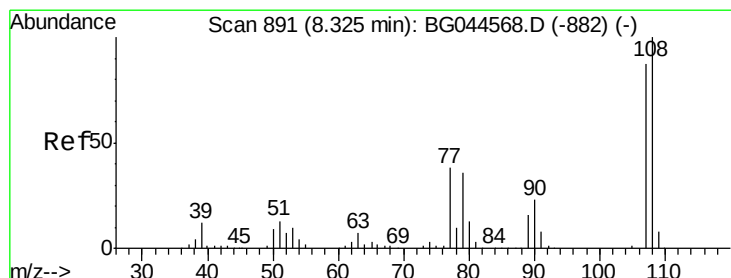
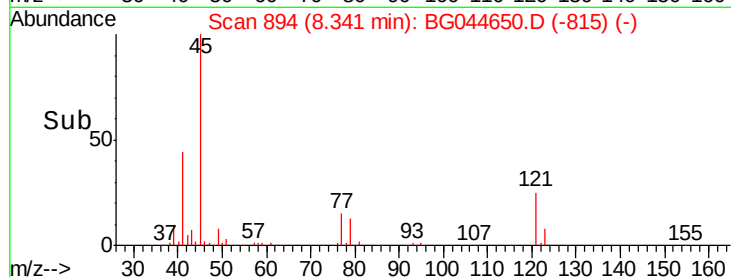
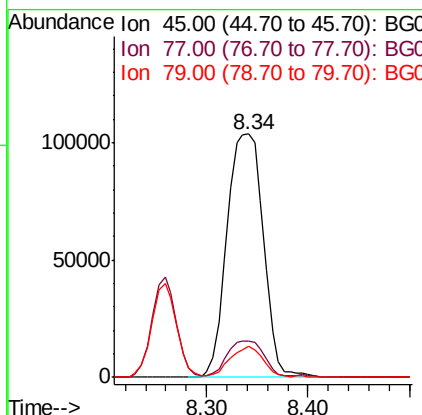
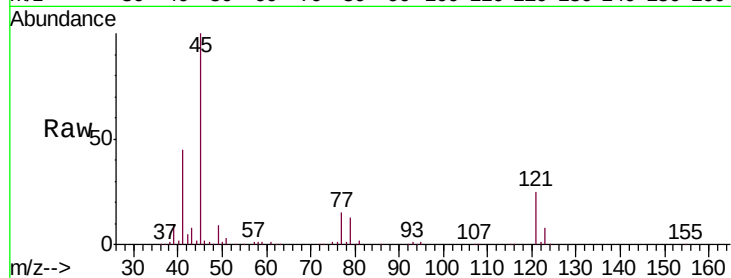




#16
2,2'-oxybis(1-chloropropane)
Concen: 50.125 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

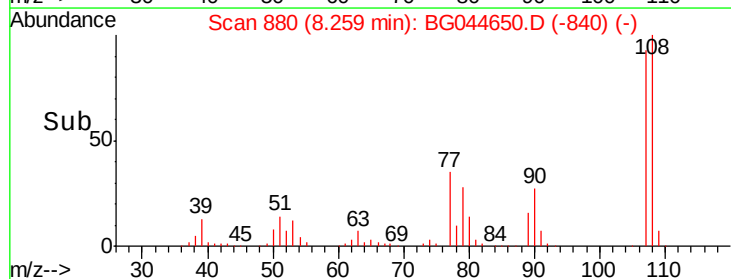
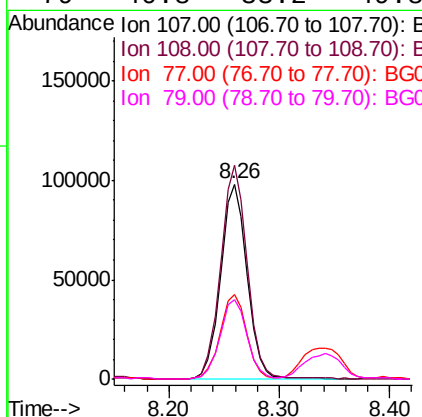
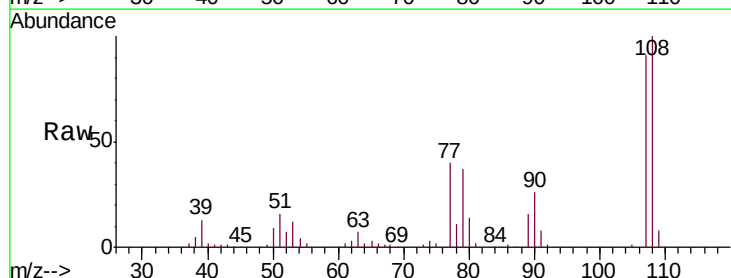
Instrument :
BNA_G
ClientSampleId :
PB127195BS

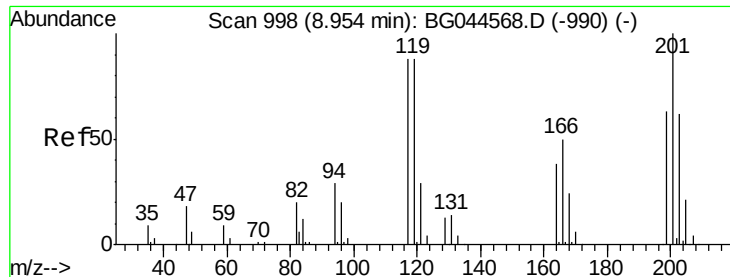
Tgt Ion:	45	Resp:	257555
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.4
79	12.7	0.0	32.3



#17
2-Methylphenol
Concen: 50.494 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:	107	Resp:	164053
Ion	Ratio	Lower	Upper
107	100		
108	109.6	91.7	137.5
77	43.7	35.1	52.7
79	40.8	33.2	49.8

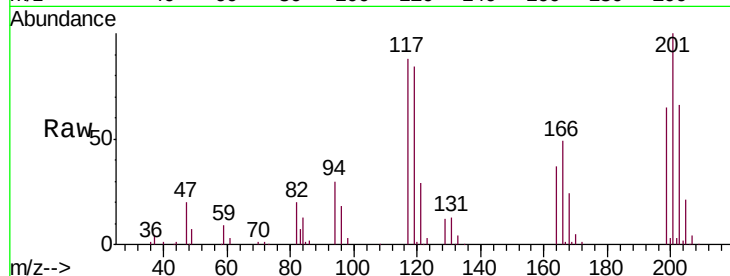




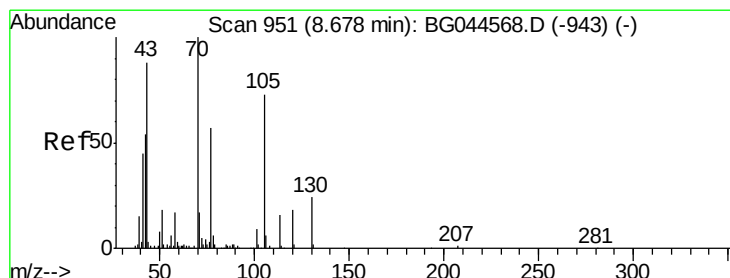
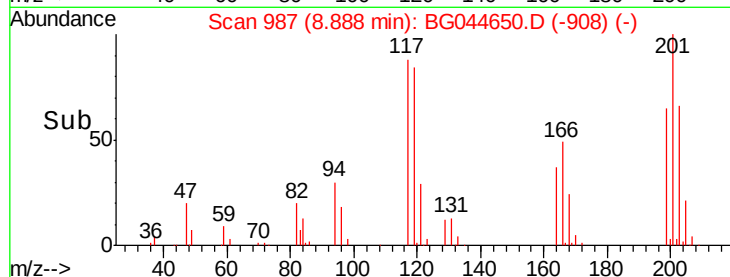
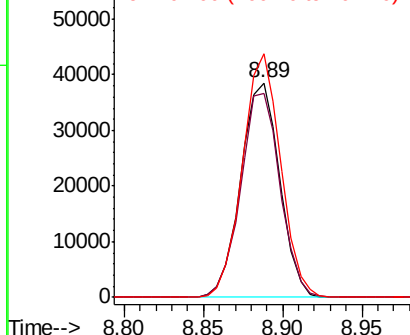
#18
Hexachloroethane
Concen: 40.003 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tgt Ion:117 Resp: 65585
Ion Ratio Lower Upper
117 100
119 95.1 80.0 120.0
201 113.4 90.5 135.7

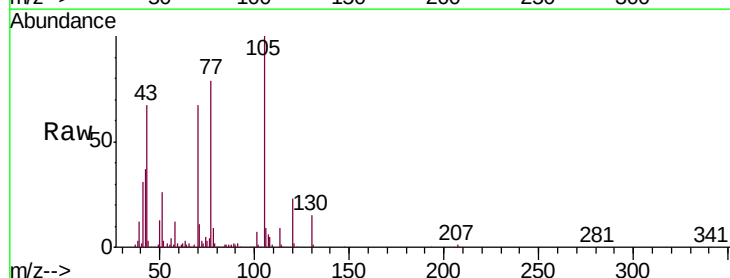


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

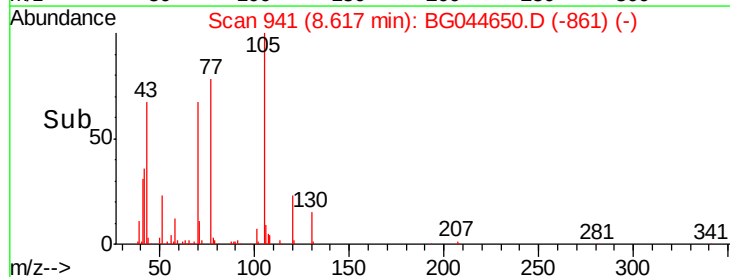
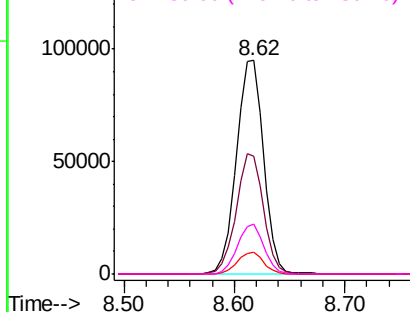


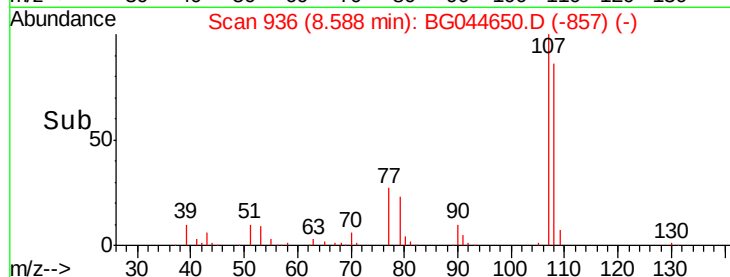
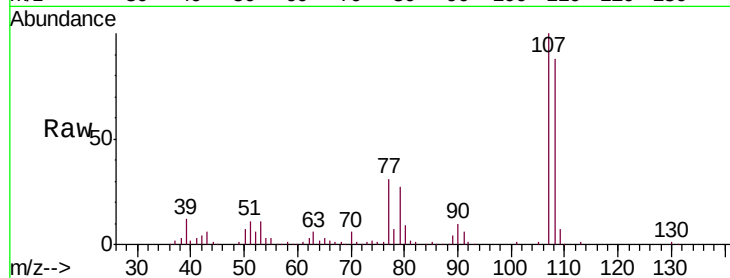
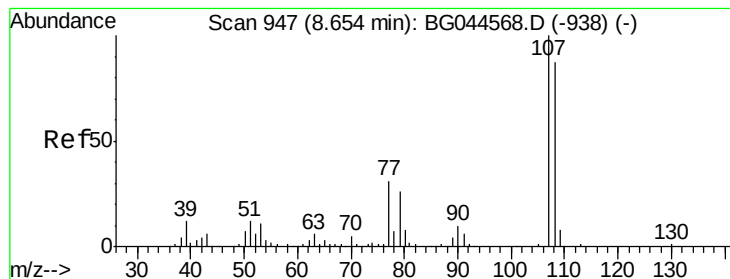
#19
n-Nitroso-di-n-propylamine
Concen: 54.450 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion: 70 Resp: 164255
Ion Ratio Lower Upper
70 100
42 54.9 43.4 65.0
101 10.3 7.5 11.3
130 23.1 18.9 28.3



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





#20

3+4-Methylphenols

Concen: 46.861 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

Tgt Ion:107 Resp: 208445

Ion Ratio Lower Upper

107 100

108 87.6 67.5 107.5

77 31.2 11.3 51.3

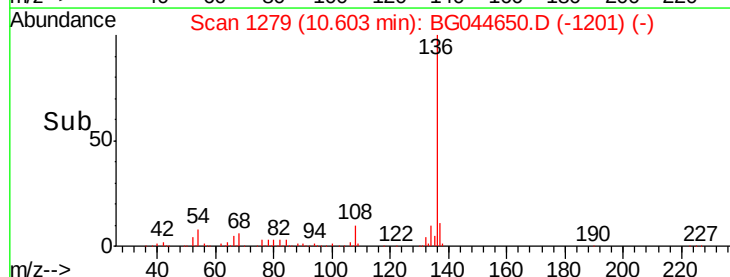
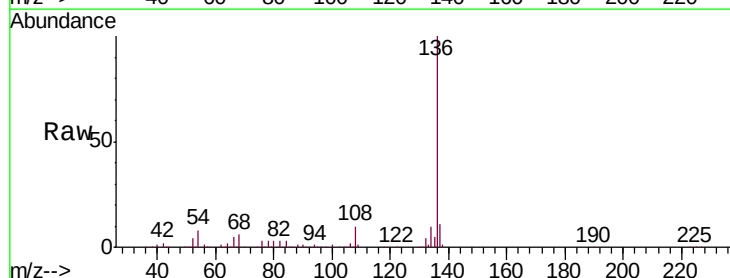
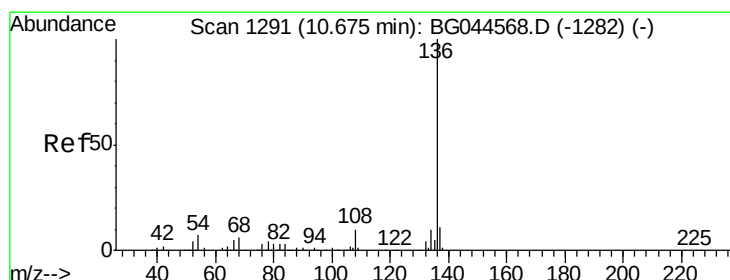
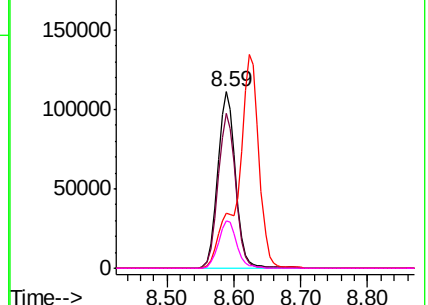
79 26.8 6.4 46.4

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.60 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Tgt Ion:136 Resp: 262829

Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.8 5.7 8.5

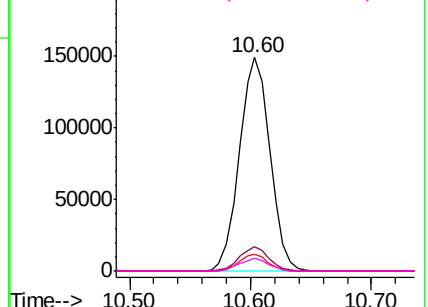
68 5.8 4.5 6.7

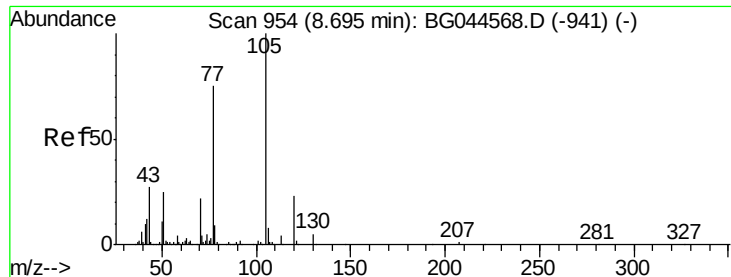
Abundance Ion 136.00 (135.70 to 136.70): E

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

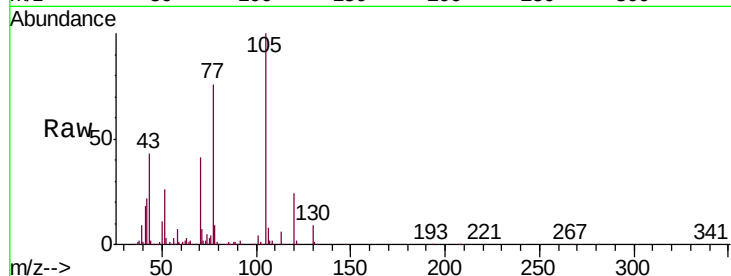




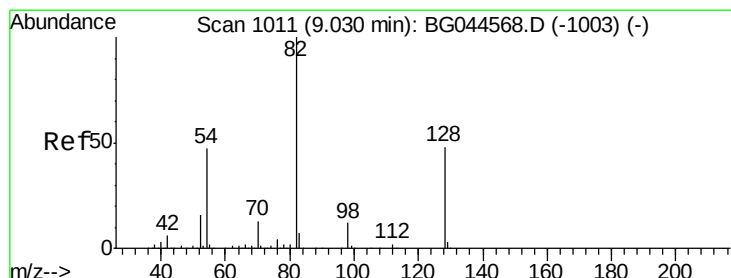
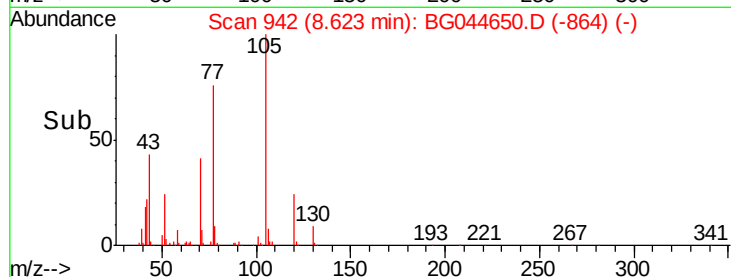
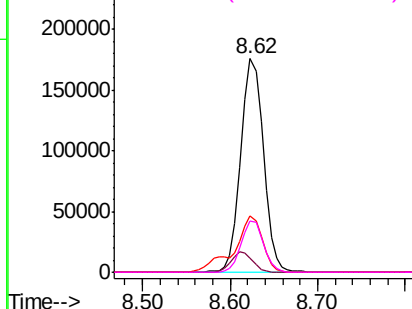
#22
Acetophenone
Concen: 46.653 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tgt Ion: 105 Resp: 307851
Ion Ratio Lower Upper
105 100
71 6.7 2.8 4.2#
51 26.3 19.9 29.9
120 23.8 18.6 28.0

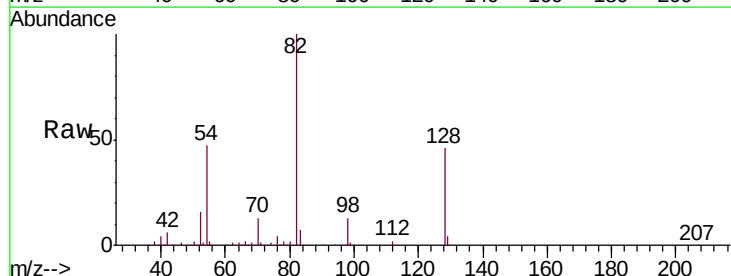


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

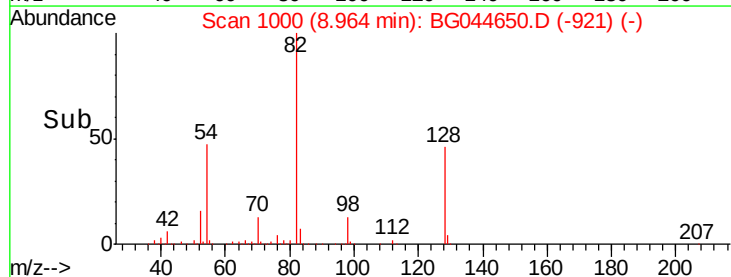
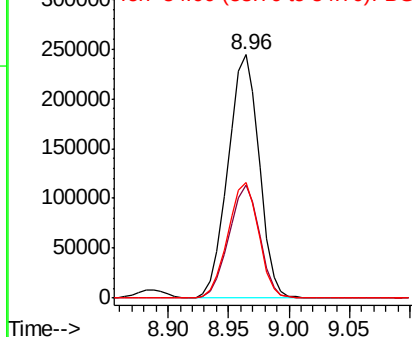


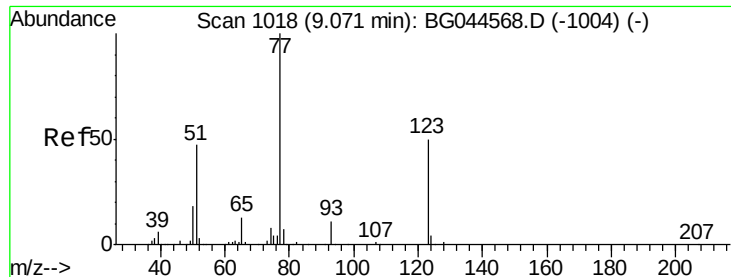
#23
Nitrobenzene-d5
Concen: 85.784 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion: 82 Resp: 437638
Ion Ratio Lower Upper
82 100
128 46.2 38.1 57.1
54 47.4 37.5 56.3



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

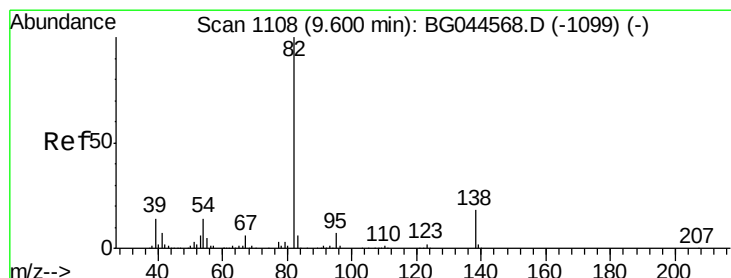
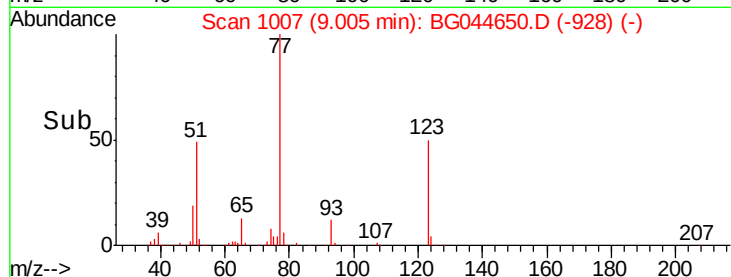
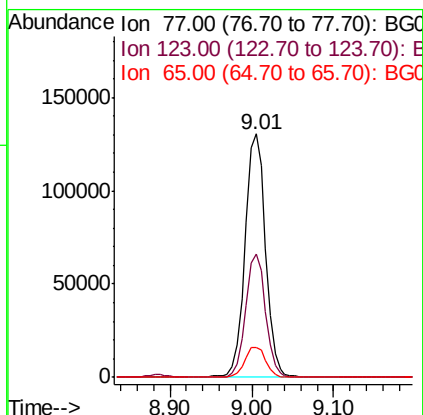
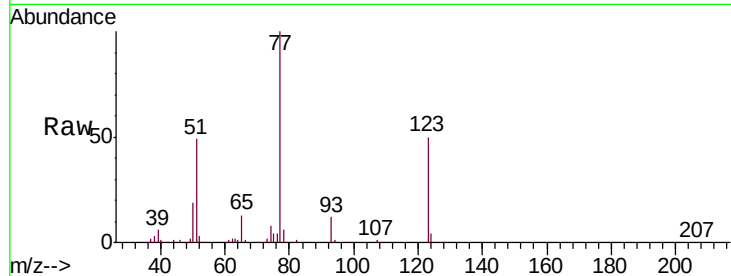




#24
 Nitrobenzene
 Concen: 46.060 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

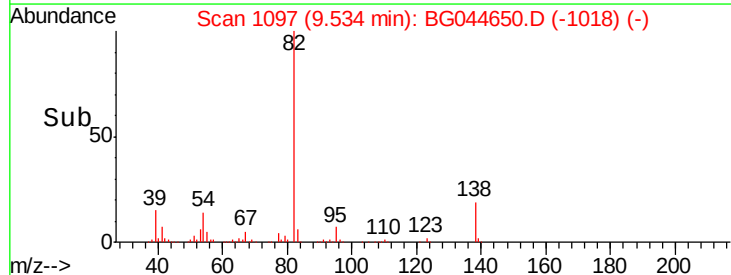
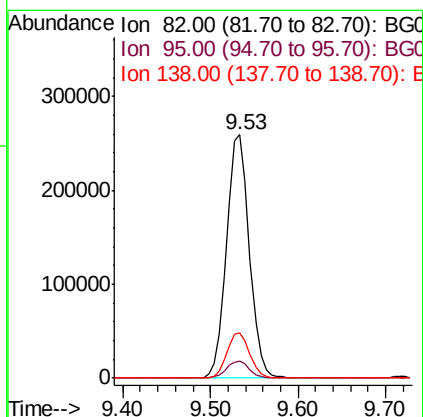
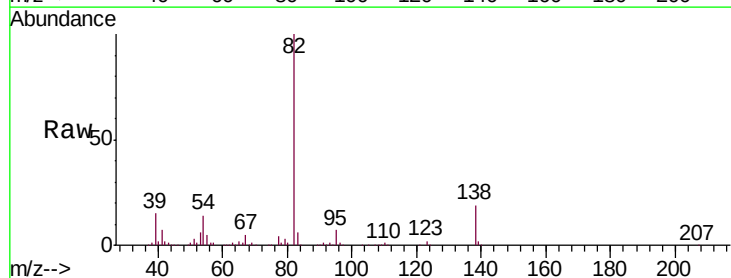
Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

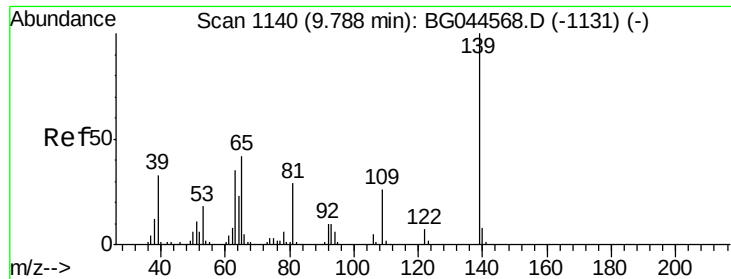
Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	40.1	60.1
65	12.5	10.4	15.6



#25
 Isophorone
 Concen: 48.481 ng
 RT: 9.53 min Scan# 1097
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.8	14.7	22.1

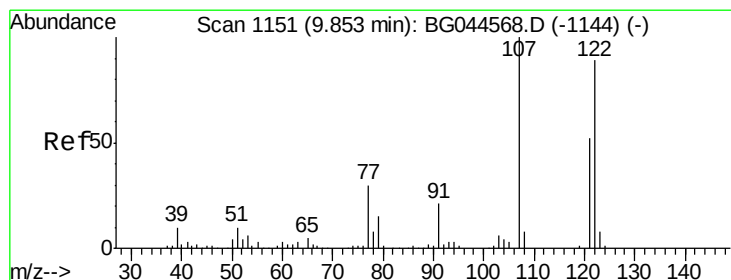
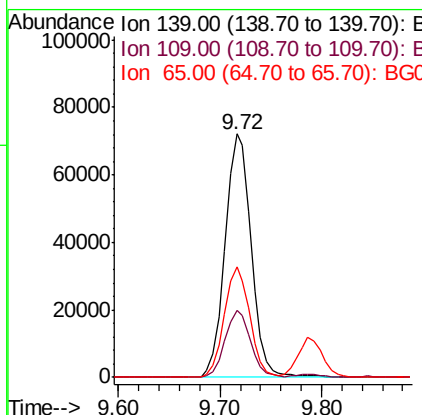
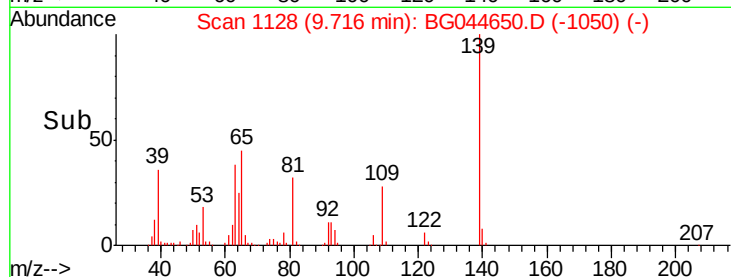
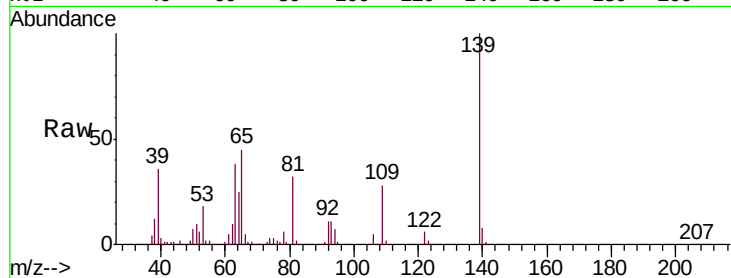




#26
2-Nitrophenol
Concen: 47.965 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

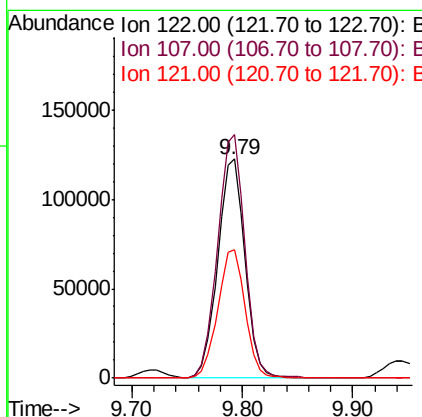
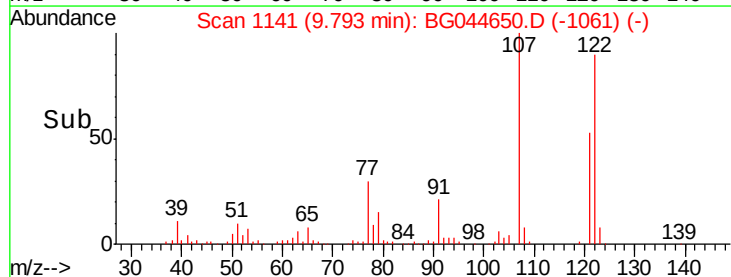
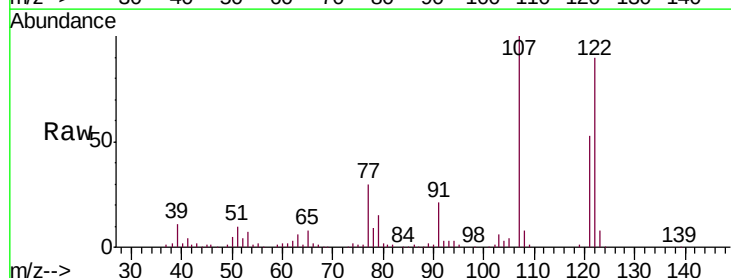
Instrument :
BNA_G
ClientSampleId :
PB127195BS

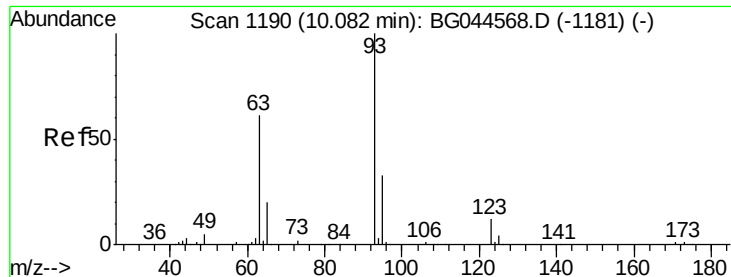
Tgt Ion:139 Resp: 128569
Ion Ratio Lower Upper
139 100
109 27.7 20.6 31.0
65 45.2 33.3 49.9



#27
2,4-Dimethylphenol
Concen: 55.409 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:122 Resp: 208540
Ion Ratio Lower Upper
122 100
107 111.1 89.4 134.0
121 58.7 46.5 69.7

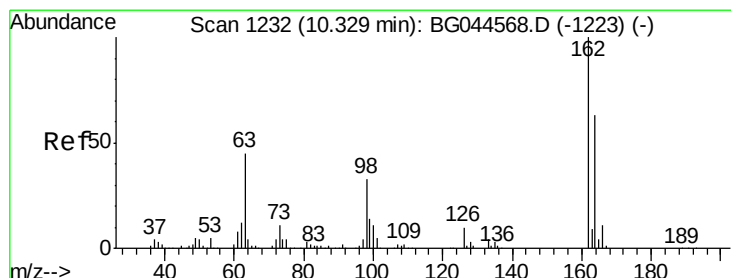
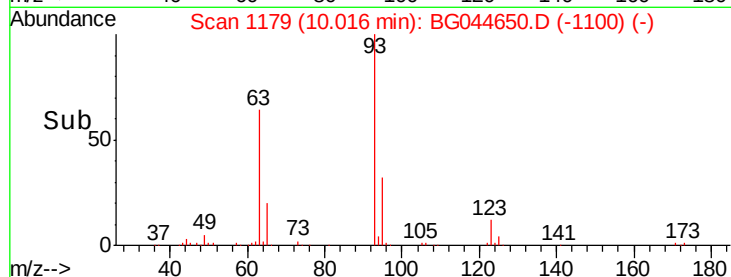
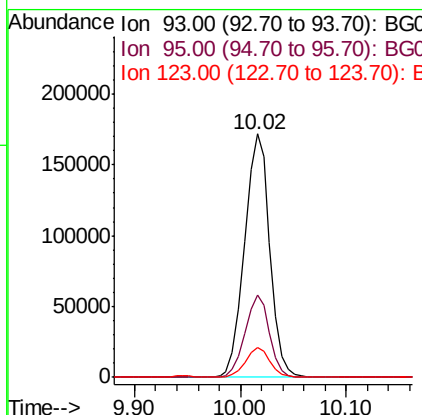
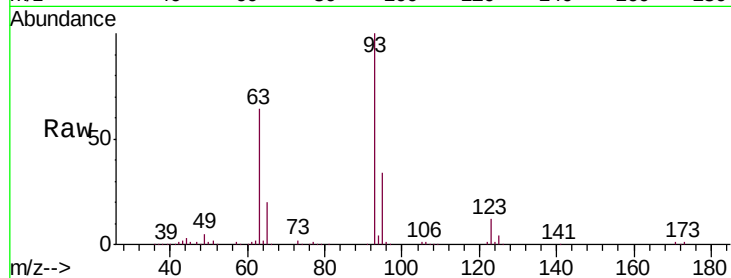




#28
bis(2-Chloroethoxy)methane
Concen: 44.956 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

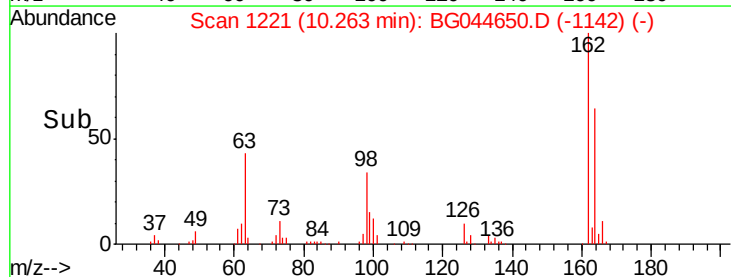
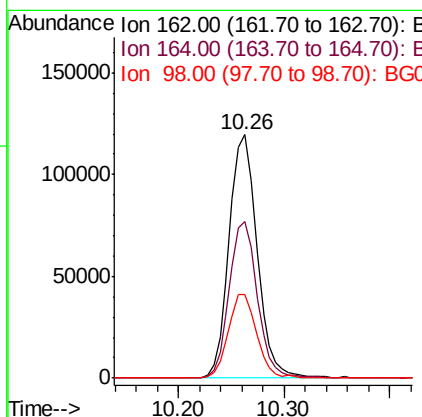
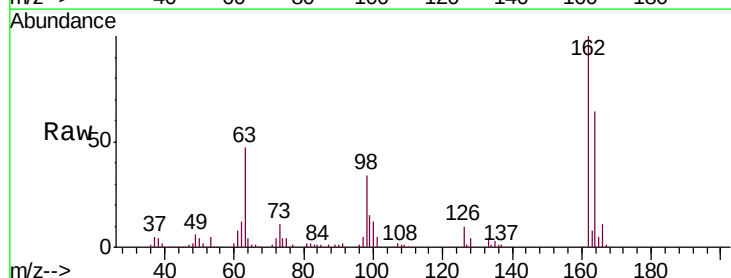
Instrument :
BNA_G
ClientSampleId :
PB127195BS

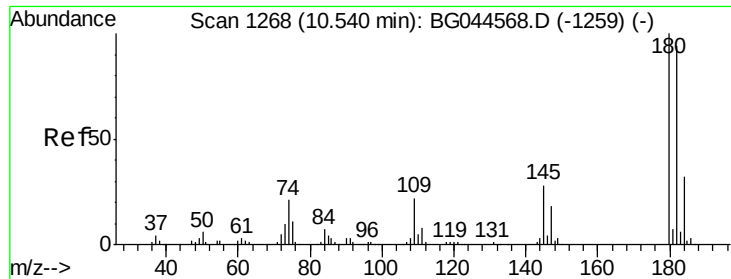
Tgt Ion: 93 Resp: 283734
Ion Ratio Lower Upper
93 100
95 33.9 26.5 39.7
123 12.3 9.7 14.5



#29
2,4-Dichlorophenol
Concen: 48.935 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion: 162 Resp: 220191
Ion Ratio Lower Upper
162 100
164 64.4 43.2 83.2
98 34.4 13.2 53.2

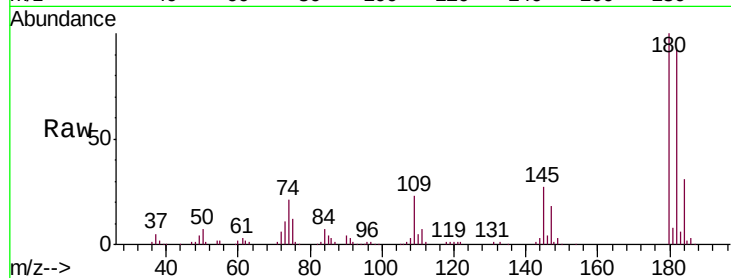




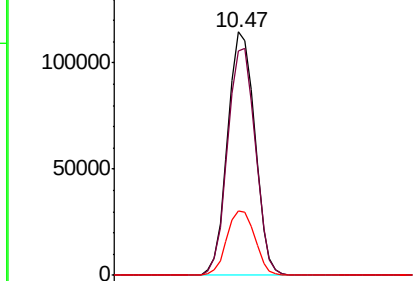
#30
 1,2,4-Trichlorobenzene
 Concen: 39.293 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

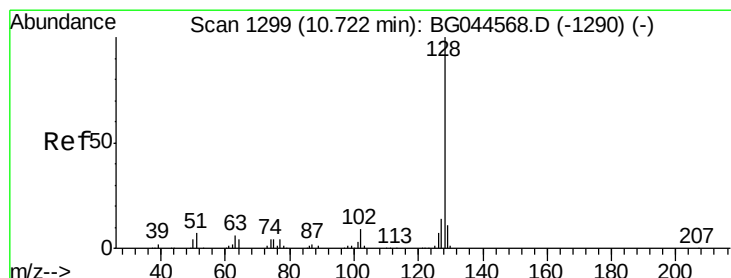
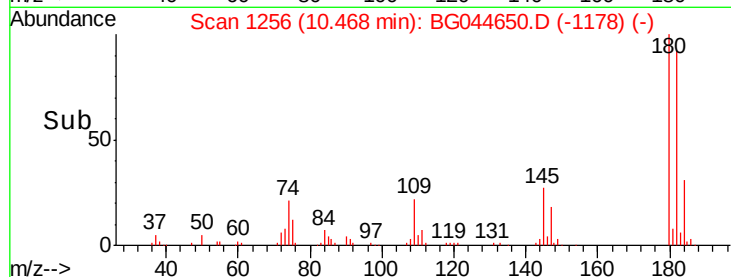
Tgt Ion:180 Resp: 204476
 Ion Ratio Lower Upper
 180 100
 182 92.4 75.6 113.4
 145 26.7 22.2 33.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

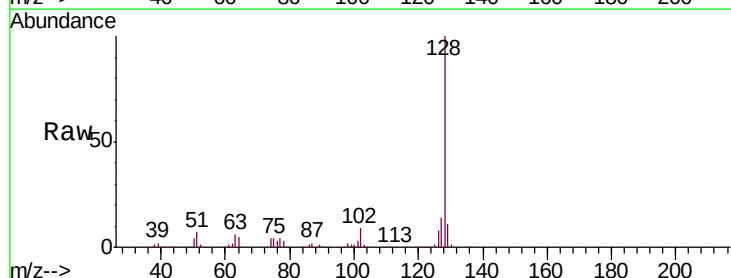


Time-->

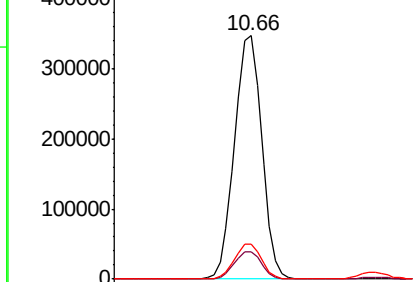


#31
 Naphthalene
 Concen: 43.344 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

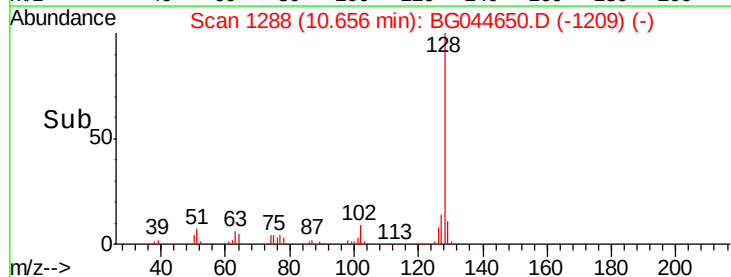
Tgt Ion:128 Resp: 621628
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 14.3 11.0 16.4

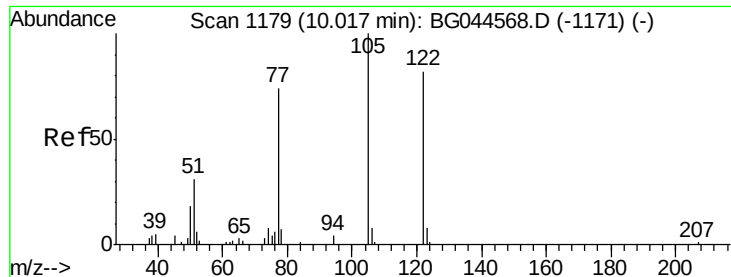


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time-->

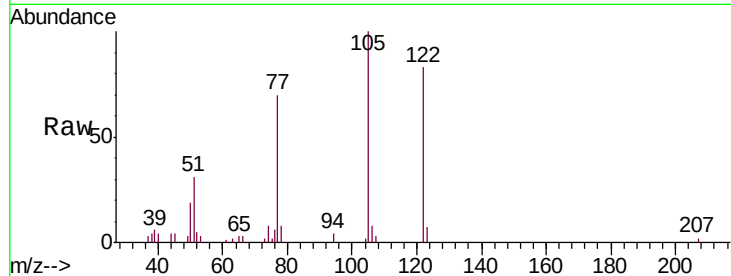




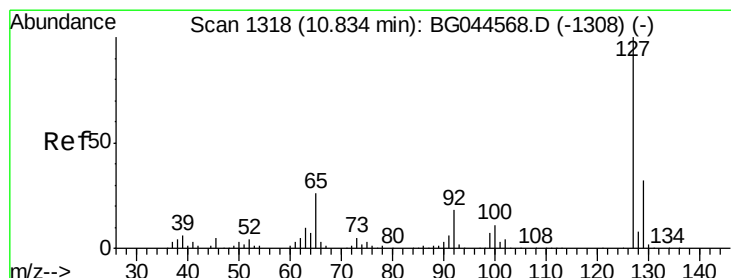
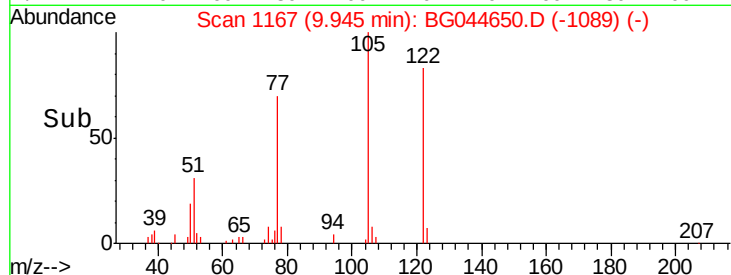
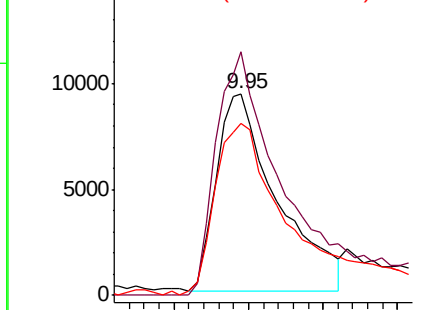
#32
Benzoic acid
Concen: 29.107 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tgt Ion:122 Resp: 26346
Ion Ratio Lower Upper
122 100
105 120.8 101.4 141.4
77 85.0 69.8 109.8

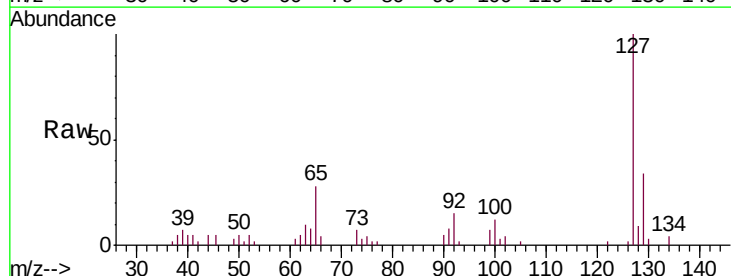


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

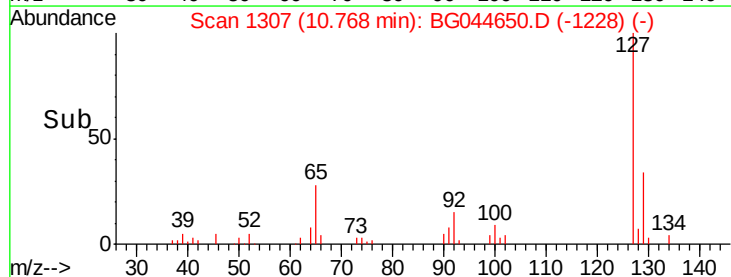
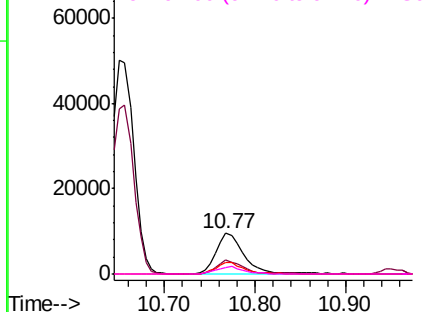


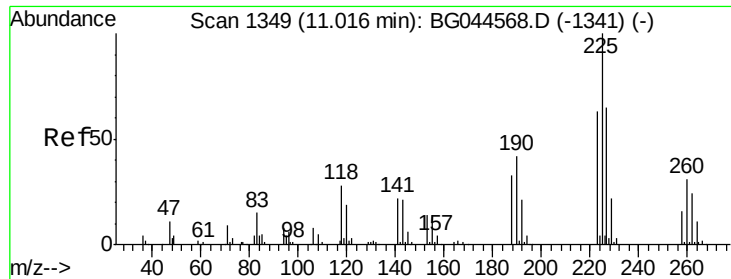
#33
4-Chloroaniline
Concen: 3.271 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:127 Resp: 20664
Ion Ratio Lower Upper
127 100
129 33.7 25.9 38.9
65 27.7 20.7 31.1
92 15.4 14.2 21.2



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





#34

Hexachlorobutadiene

Concen: 35.082 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

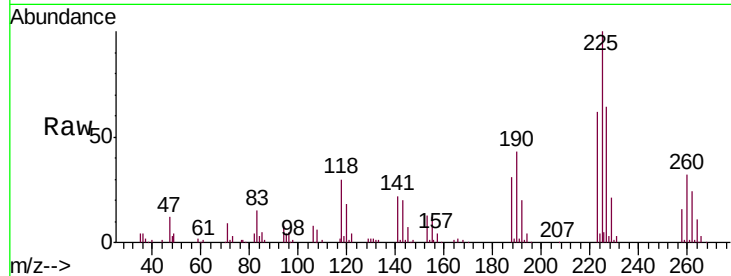
Tgt Ion: 225 Resp: 114649

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

227 63.7 52.1 78.1

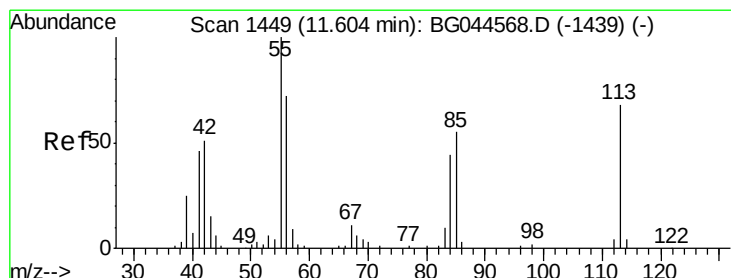
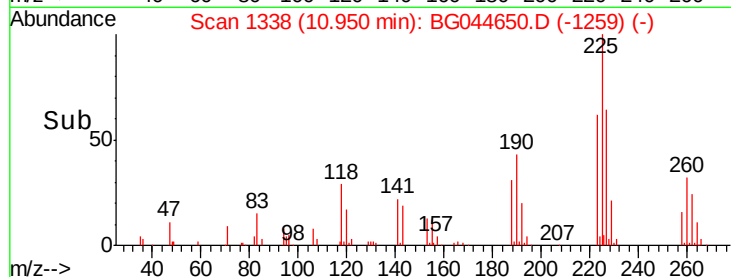
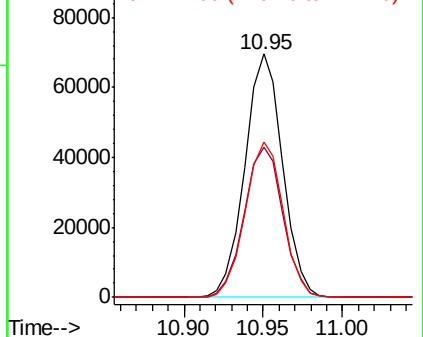


Abundance

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: 3.079 ng

RT: 11.54 min Scan# 1438

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

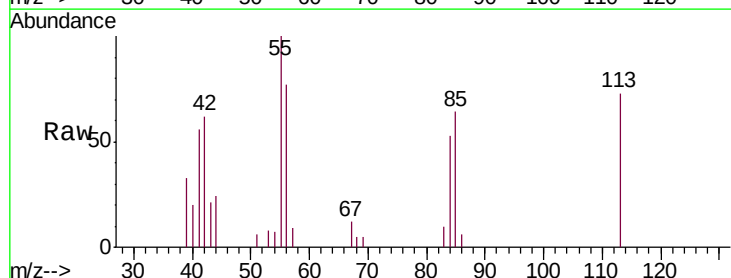
Tgt Ion: 113 Resp: 4960

Ion Ratio Lower Upper

113 100

55 136.6 127.8 167.8

56 104.9 86.9 126.9

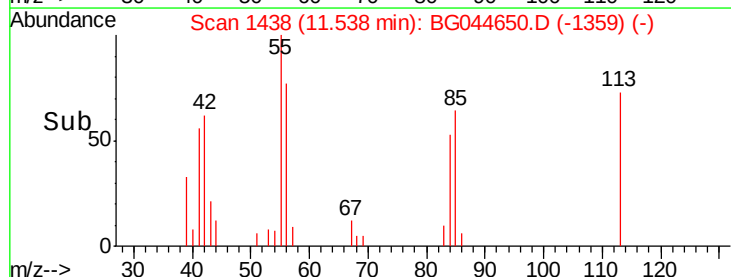
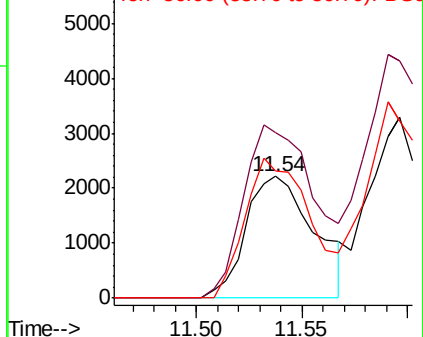


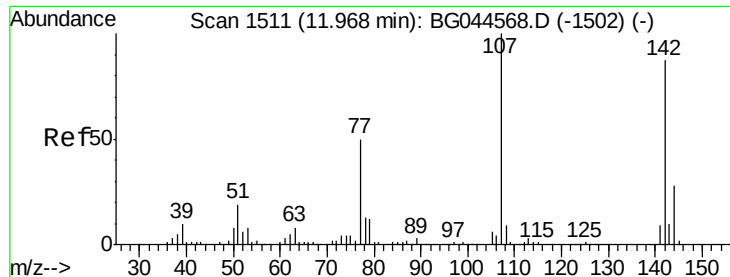
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

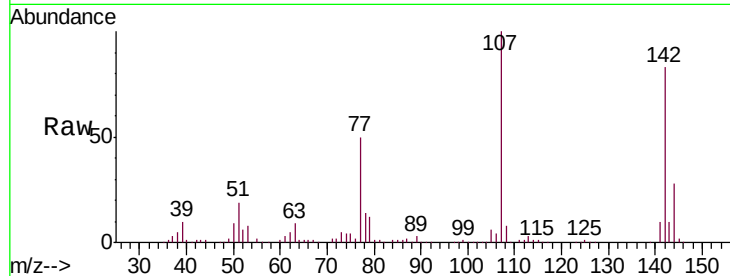




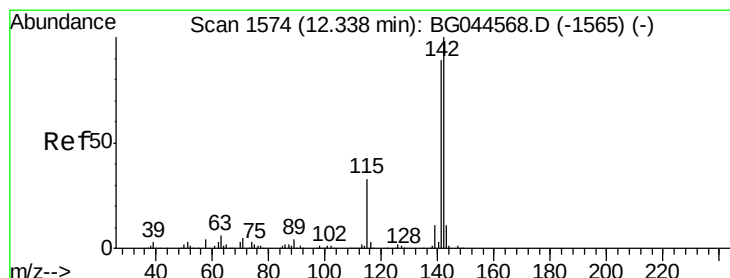
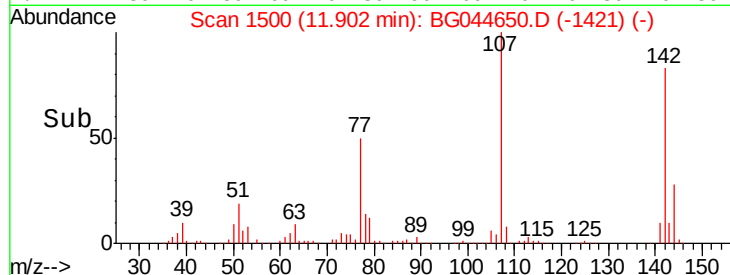
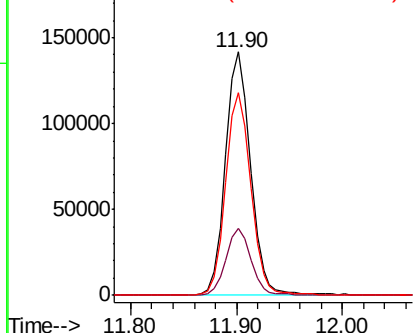
#36
 4-Chloro-3-methylphenol
 Concen: 50.509 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tgt Ion:107 Resp: 233944
 Ion Ratio Lower Upper
 107 100
 144 27.6 22.3 33.5
 142 83.2 69.3 103.9

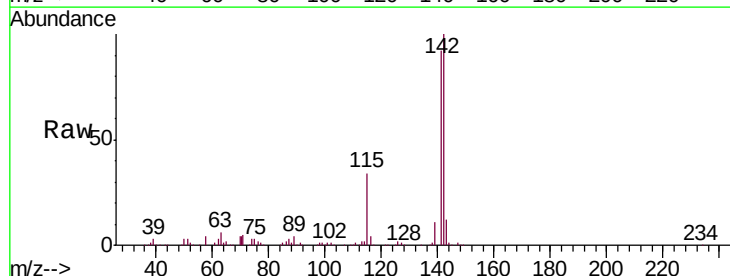


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

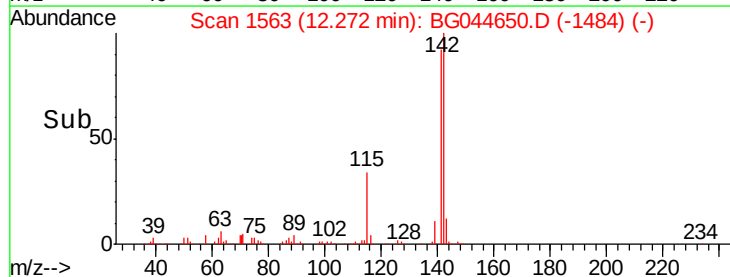
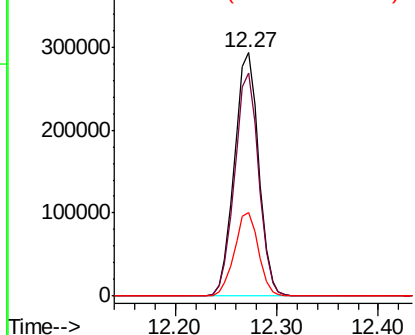


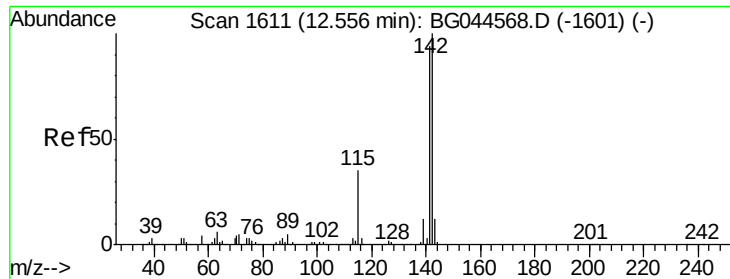
#37
 2-Methylnaphthalene
 Concen: 46.238 ng
 RT: 12.27 min Scan# 1563
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion:142 Resp: 490092
 Ion Ratio Lower Upper
 142 100
 141 91.8 71.3 106.9
 115 34.3 26.2 39.2



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

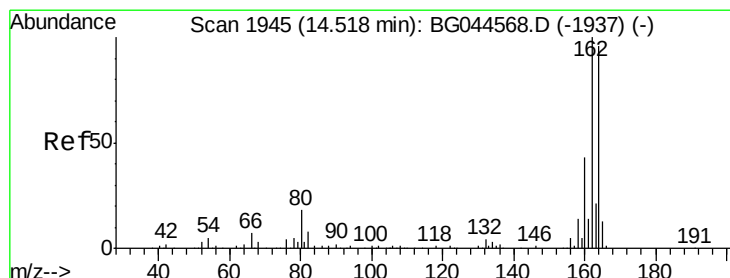
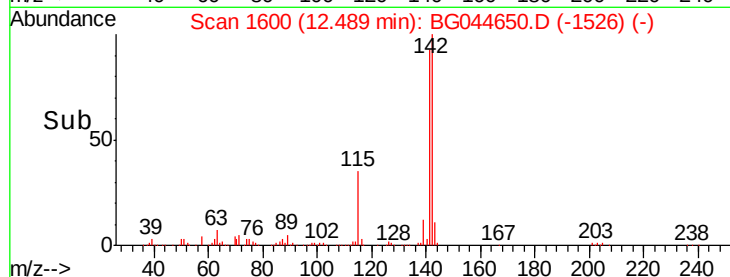
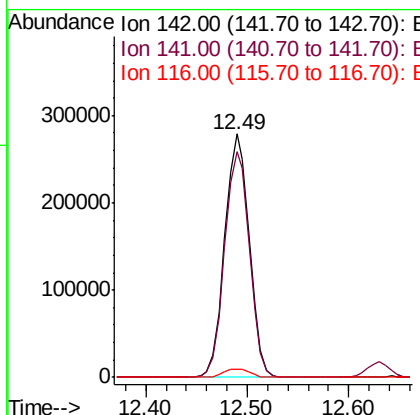
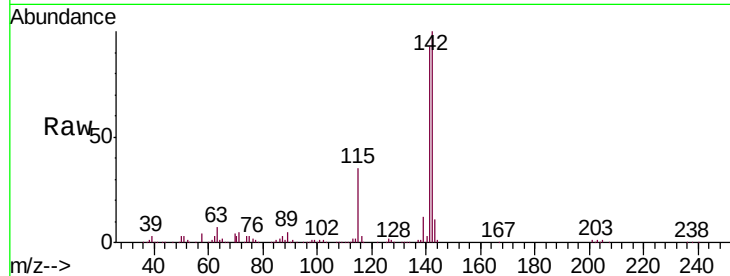




#38
1-Methylnaphthalene
Concen: 46.378 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

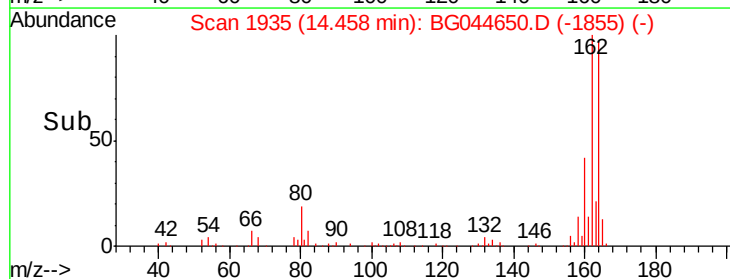
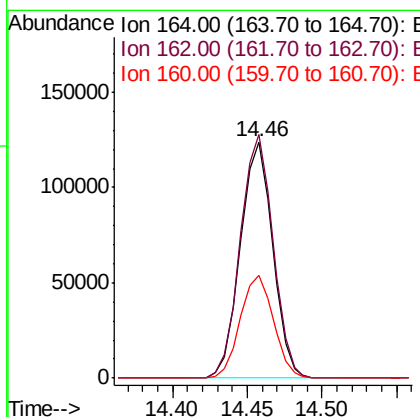
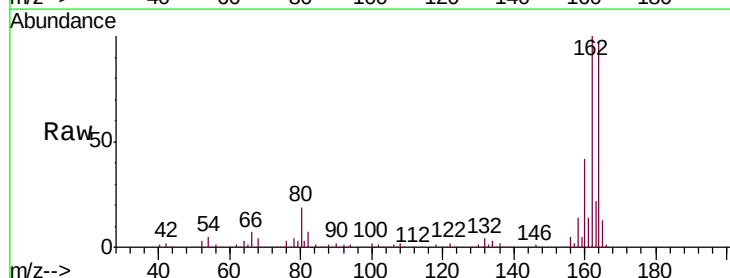
Instrument :
BNA_G
ClientSampleId :
PB127195BS

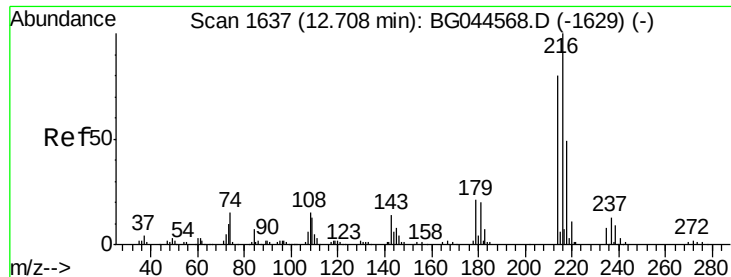
Tgt Ion:142 Resp: 467092
Ion Ratio Lower Upper
142 100
141 92.7 75.1 112.7
116 3.3 2.6 4.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:164 Resp: 186105
Ion Ratio Lower Upper
164 100
162 103.0 83.6 125.4
160 43.5 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.857 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

Tgt Ion:216 Resp: 255978

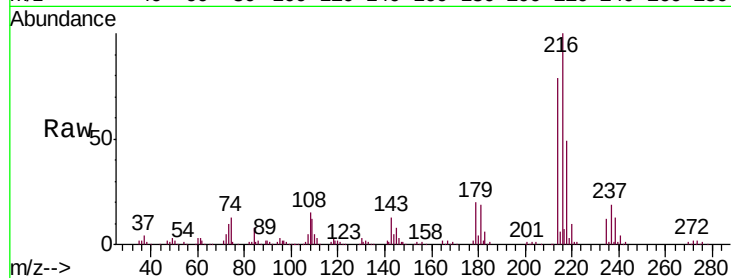
Ion Ratio Lower Upper

216 100

214 79.4 63.3 94.9

179 20.3 16.2 24.2

108 17.3 12.6 18.8

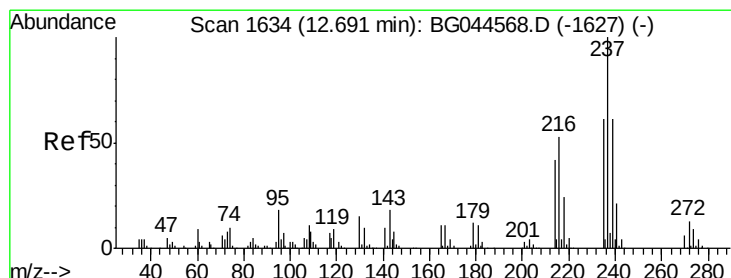
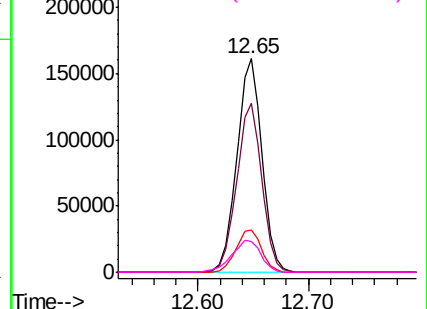
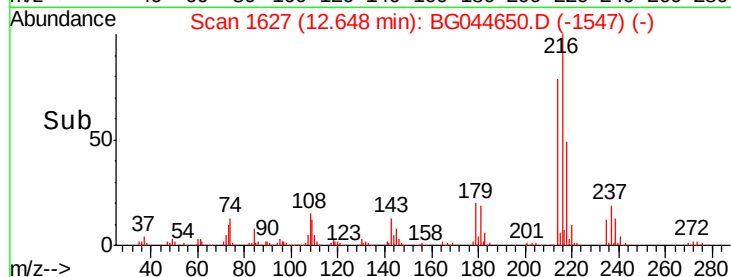


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 80.714 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

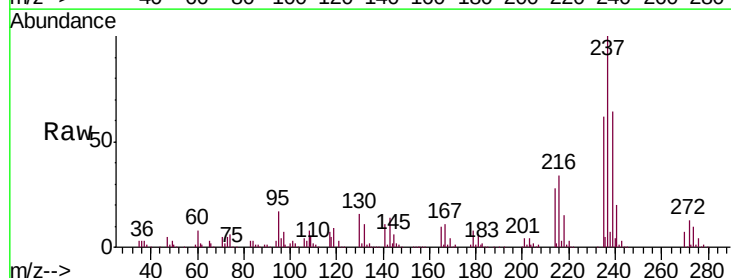
Tgt Ion:237 Resp: 241282

Ion Ratio Lower Upper

237 100

235 61.7 40.7 80.7

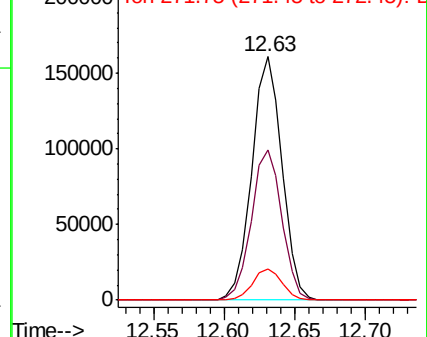
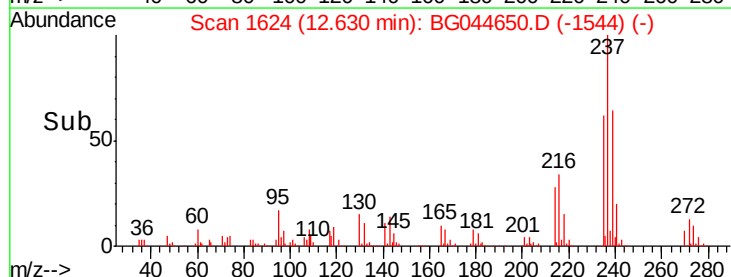
272 12.6 0.0 32.7

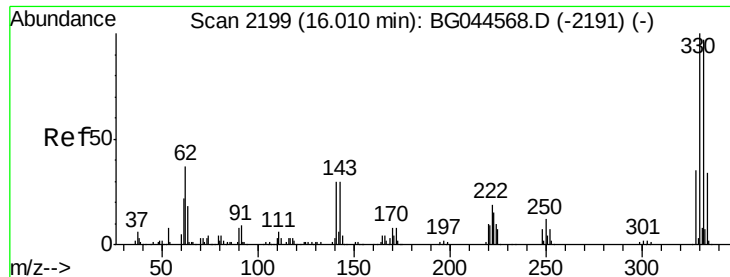


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

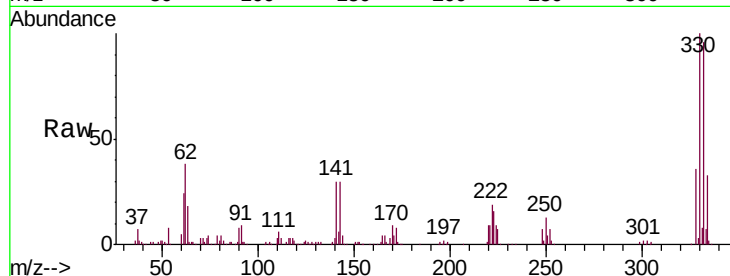




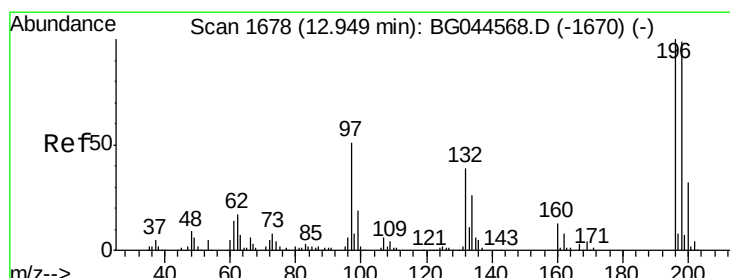
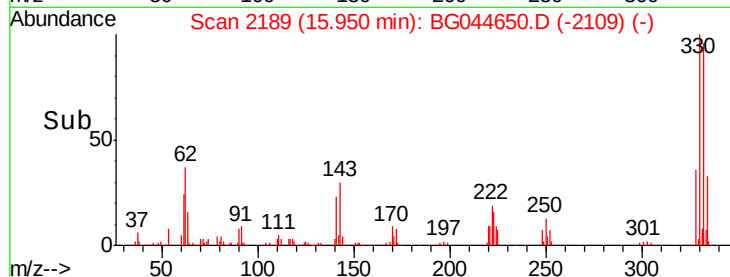
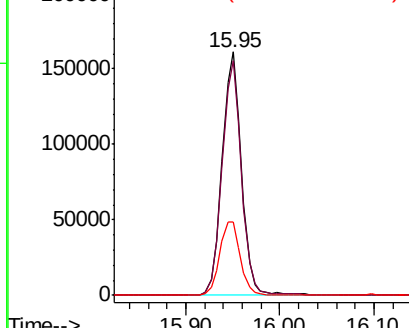
#42
 2,4,6-Tribromophenol
 Concen: 88.562 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tgt Ion:330 Resp: 233698
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 32.2 26.1 39.1

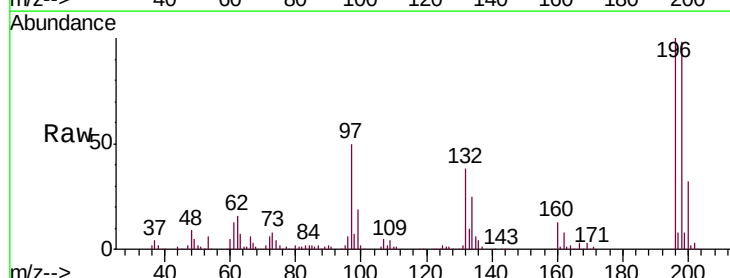


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

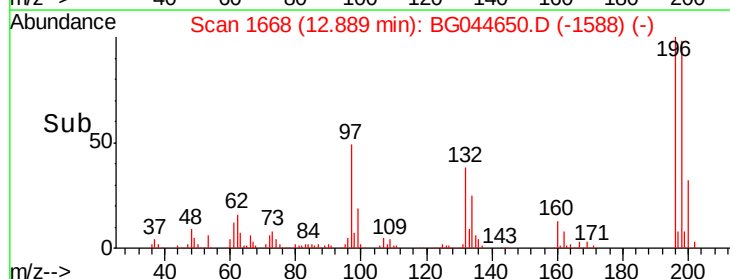
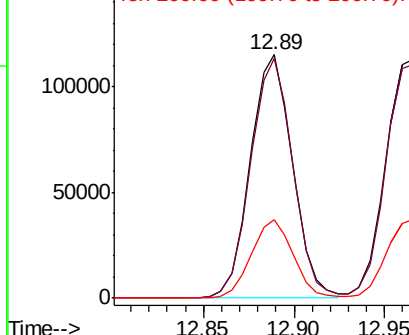


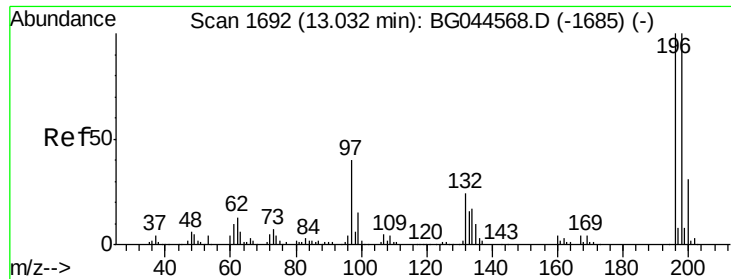
#43
 2,4,6-Trichlorophenol
 Concen: 45.759 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion:196 Resp: 186152
 Ion Ratio Lower Upper
 196 100
 198 98.3 79.2 118.8
 200 32.2 25.7 38.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

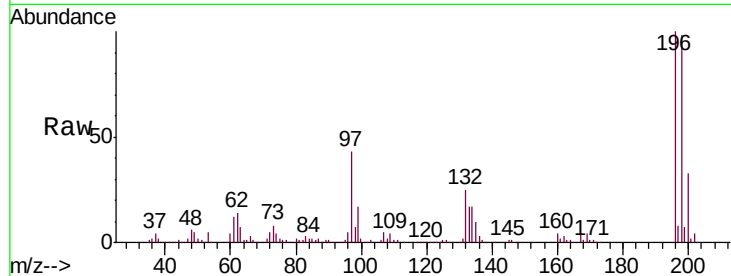




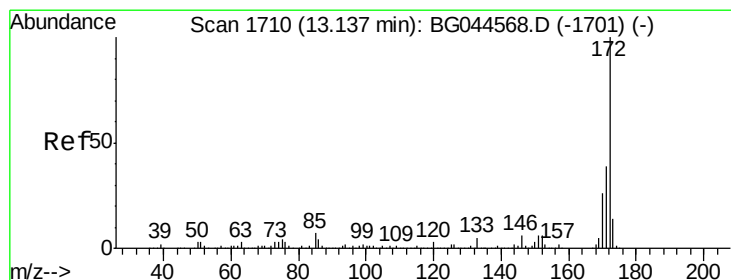
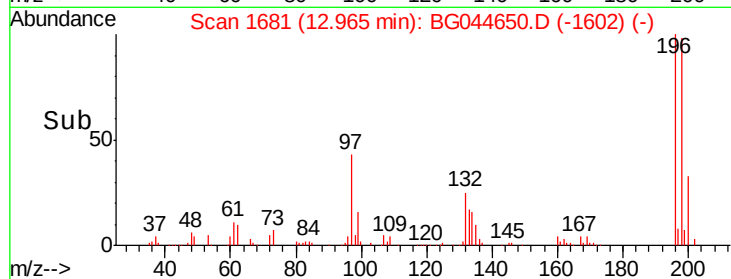
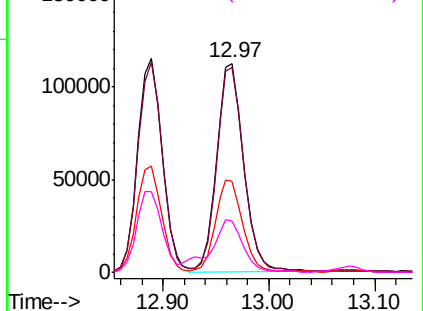
#44
 2,4,5-Trichlorophenol
 Concen: 47.986 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tgt Ion:	196	Resp:	200531
Ion	Ratio	Lower	Upper
196	100		
198	98.1	79.3	118.9
97	43.3	32.3	48.5
132	24.8	19.1	28.7

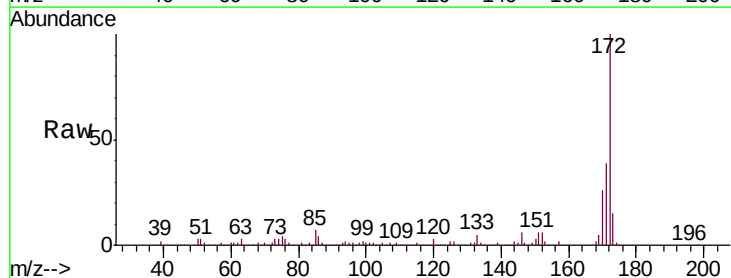


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

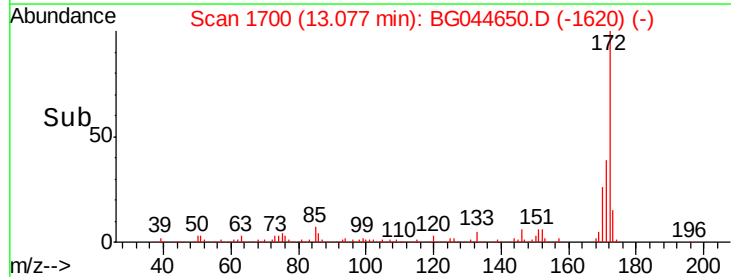
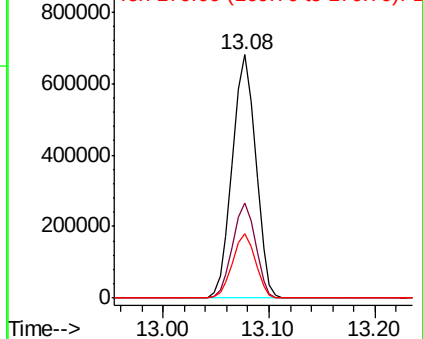


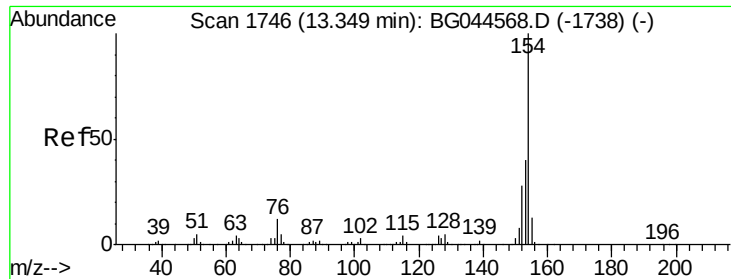
#45
 2-Fluorobiphenyl
 Concen: 80.331 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion:	172	Resp:	1044006
Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.3	46.9
170	26.5	21.0	31.4



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

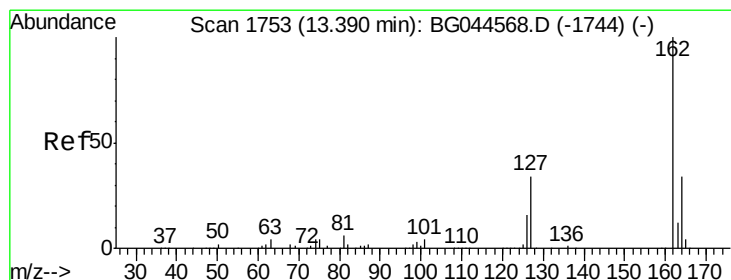
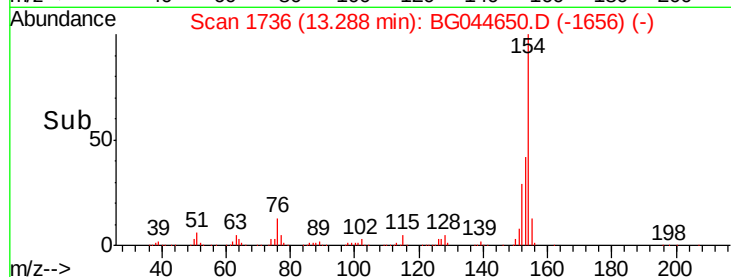
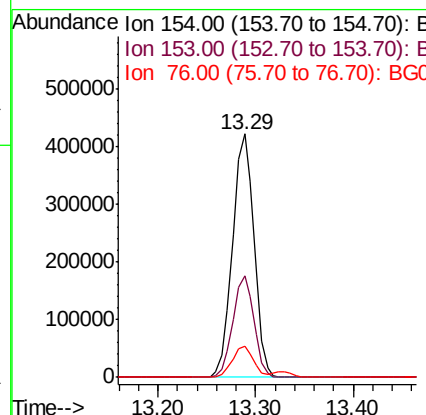
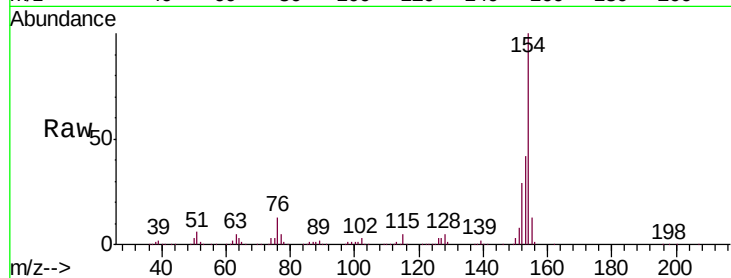




#46
 1,1'-Biphenyl
 Concen: 41.722 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

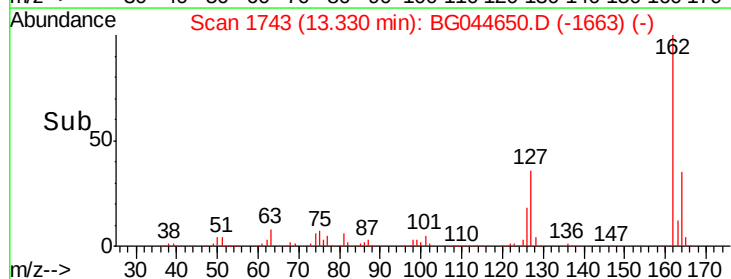
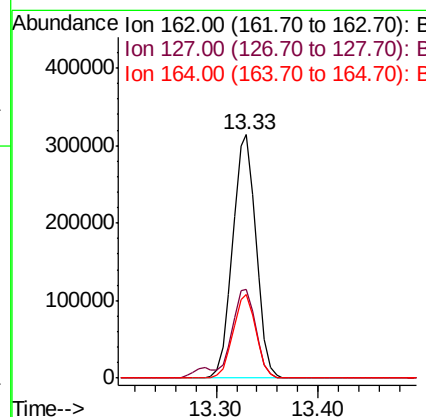
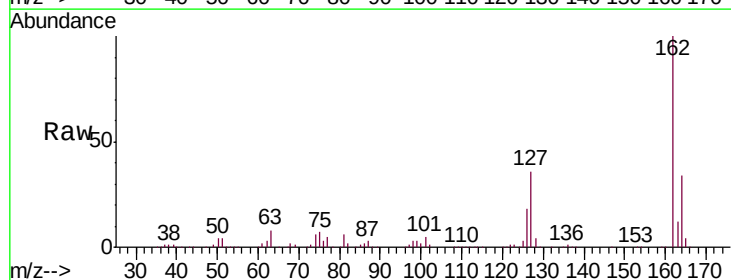
Instrument :
 BNA_G
 ClientSampled :
 PB127195BS

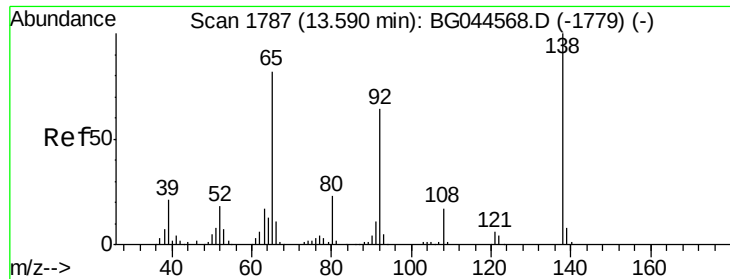
Tgt Ion:154 Resp: 642563
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.2 60.2
 76 12.8 0.0 31.8



#47
 2-Chloronaphthalene
 Concen: 41.442 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion:162 Resp: 500484
 Ion Ratio Lower Upper
 162 100
 127 36.5 28.7 43.1
 164 34.5 27.3 40.9

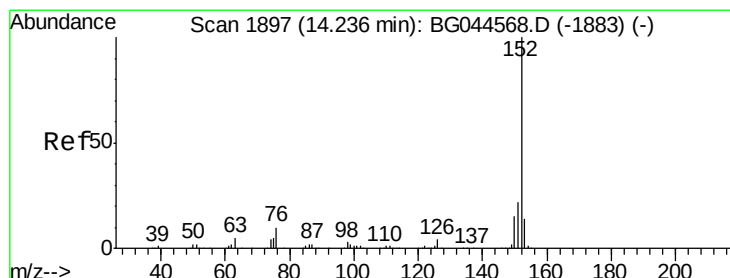
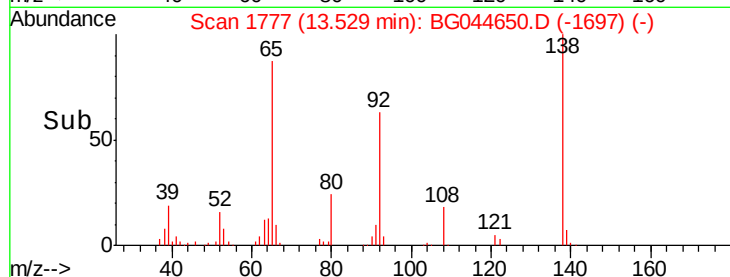
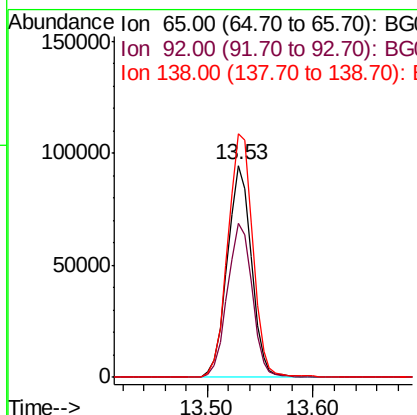
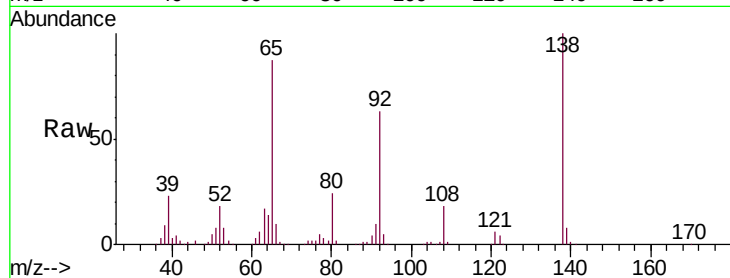




#48
 2-Nitroaniline
 Concen: 44.586 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

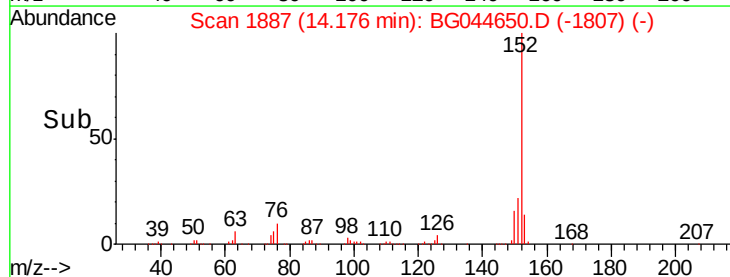
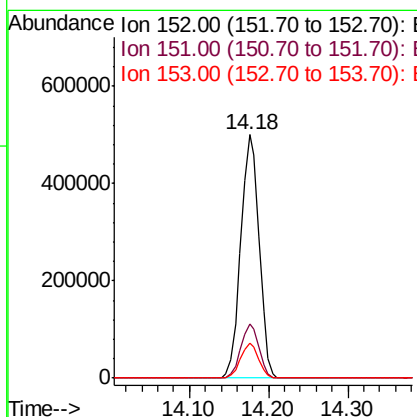
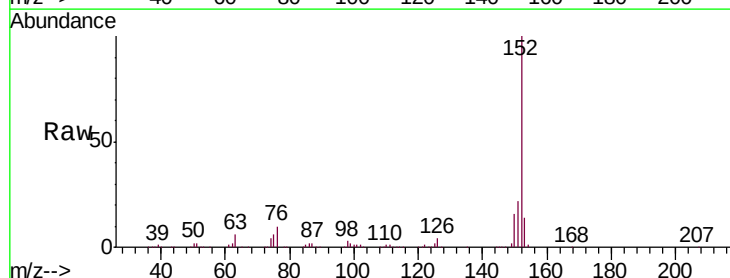
Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

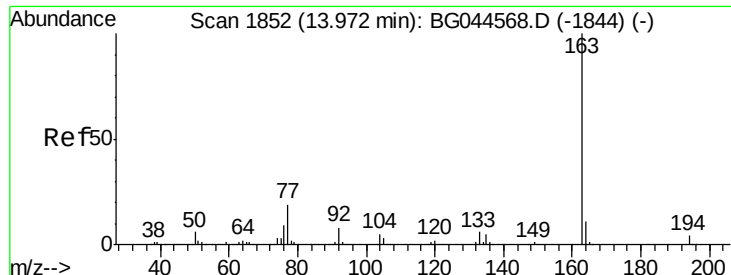
Tgt Ion: 65 Resp: 149471
 Ion Ratio Lower Upper
 65 100
 92 72.7 62.2 93.2
 138 115.0 97.6 146.4



#49
 Acenaphthylene
 Concen: 44.908 ng
 RT: 14.18 min Scan# 1887
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion: 152 Resp: 800581
 Ion Ratio Lower Upper
 152 100
 151 22.4 17.7 26.5
 153 14.3 11.3 16.9





#50

Dimethylphthalate

Concen: 45.162 ng

RT: 13.92 min Scan# 1843

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

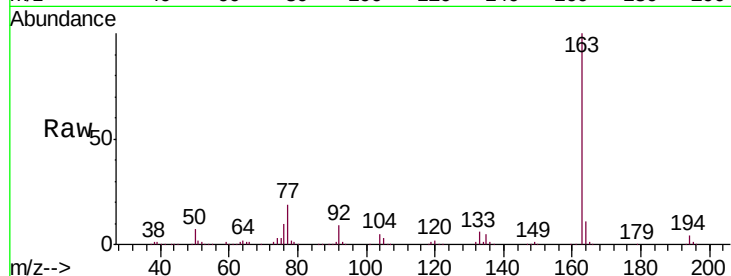
Tgt Ion:163 Resp: 678388

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

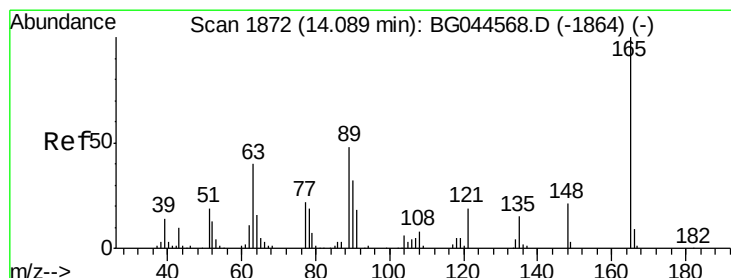
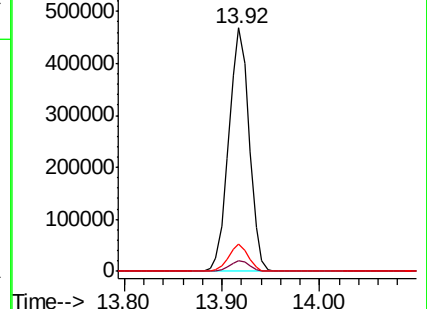
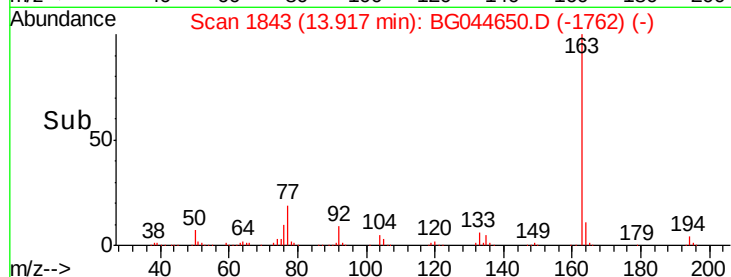
164 11.3 8.7 13.1



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: 46.624 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

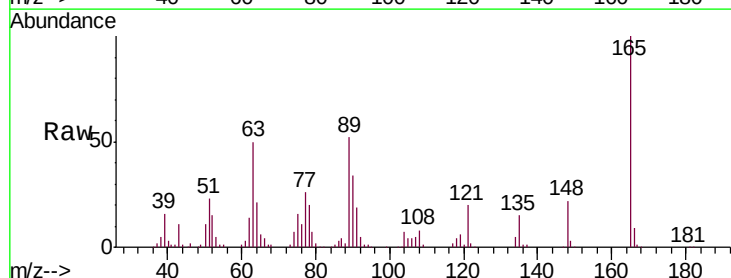
Tgt Ion:165 Resp: 154457

Ion Ratio Lower Upper

165 100

63 49.7 35.8 53.6

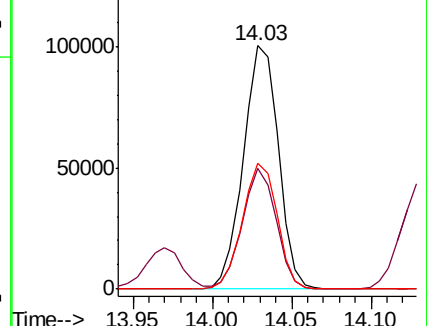
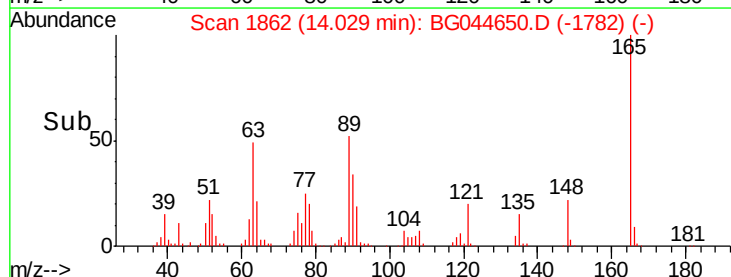
89 51.8 38.7 58.1

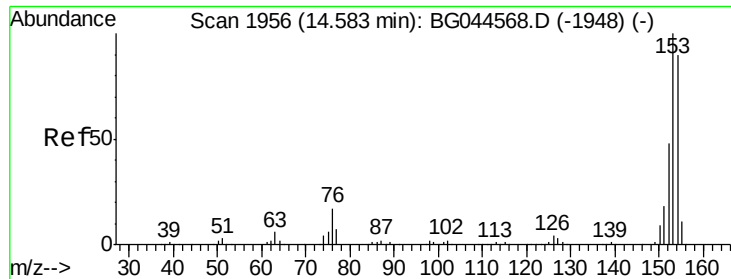


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 44.124 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

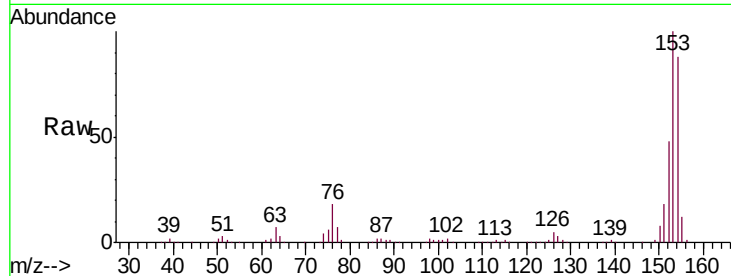
Tgt Ion:154 Resp: 501410

Ion Ratio Lower Upper

154 100

153 113.1 89.4 134.0

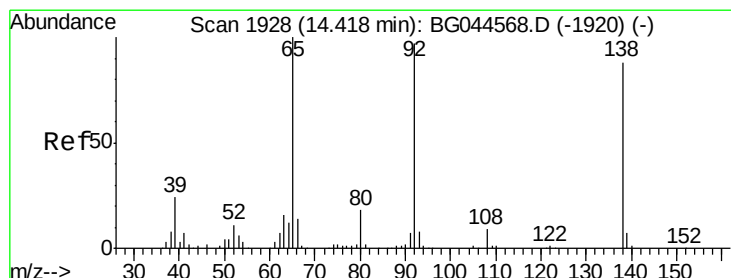
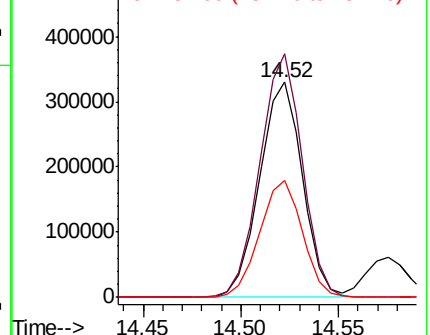
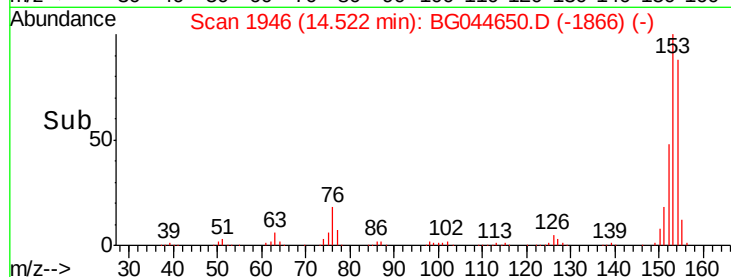
152 54.5 43.0 64.4



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: 14.304 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

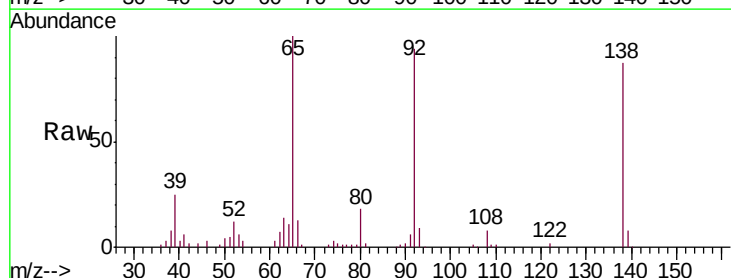
Tgt Ion:138 Resp: 51106

Ion Ratio Lower Upper

138 100

108 9.0 7.9 11.9

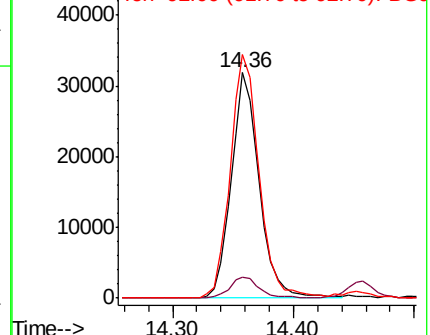
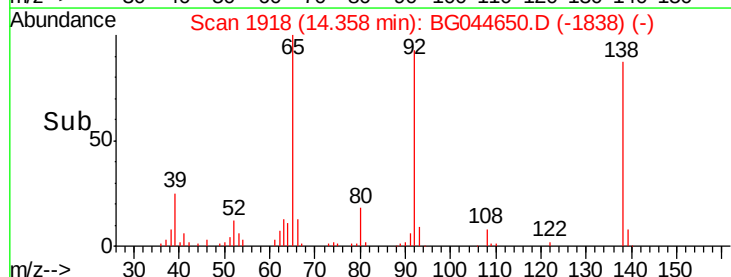
92 108.0 87.4 131.2

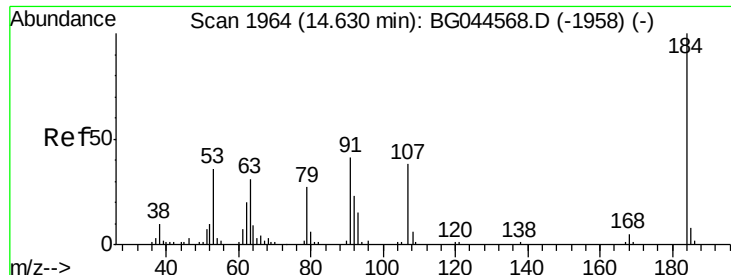


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

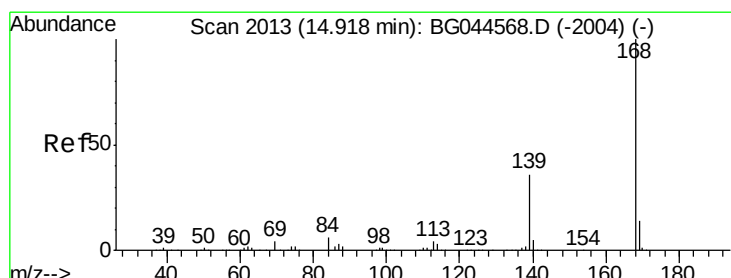
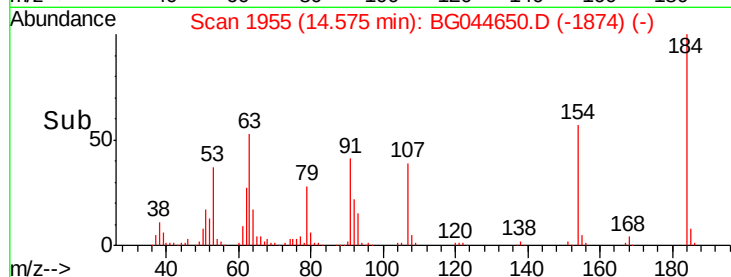
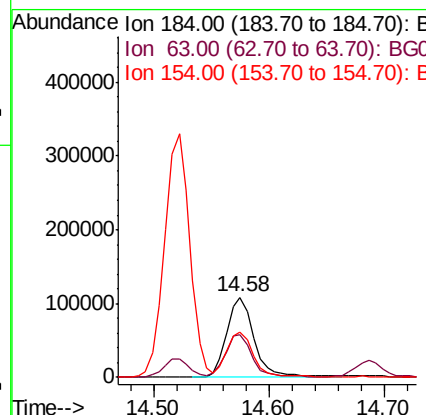
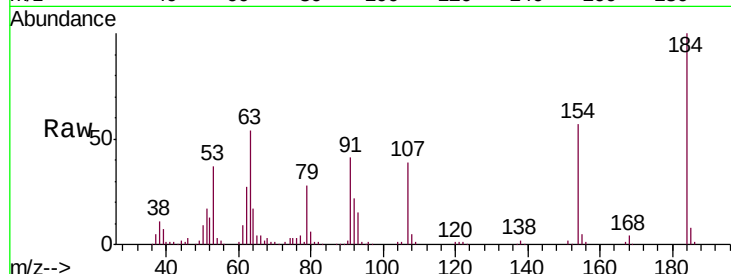




#54
2,4-Dinitrophenol
Concen: 89.991 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

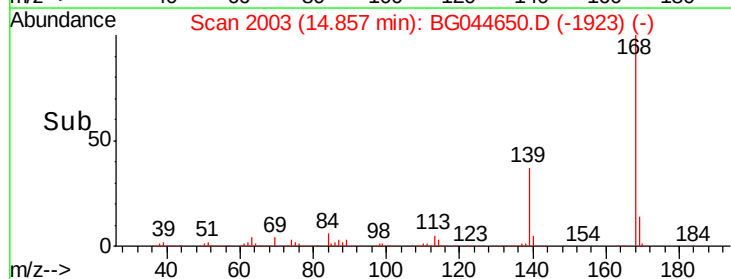
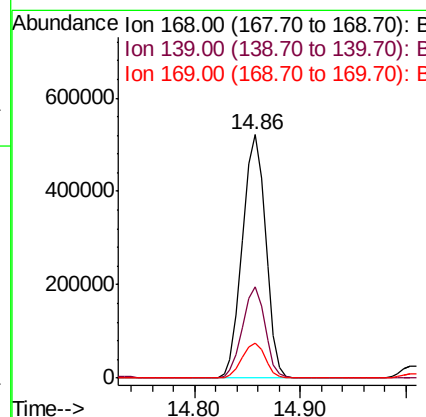
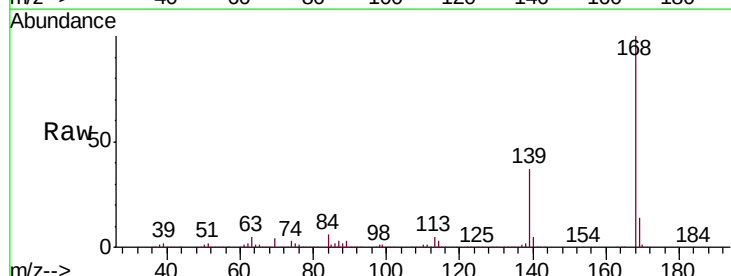
Instrument :
BNA_G
ClientSampleId :
PB127195BS

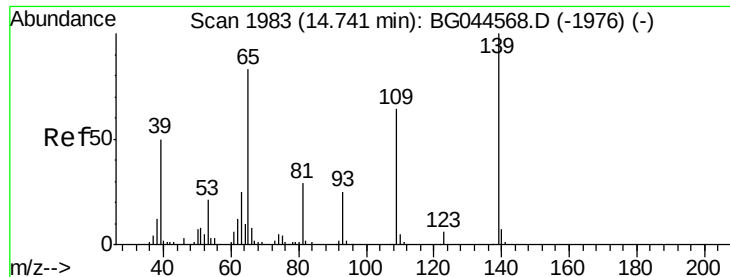
Tgt Ion:184 Resp: 180240
Ion Ratio Lower Upper
184 100
63 53.8 42.1 63.1
154 57.5 43.4 65.2



#55
Dibenzofuran
Concen: 45.663 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:168 Resp: 795507
Ion Ratio Lower Upper
168 100
139 37.2 29.2 43.8
169 14.4 11.0 16.6





#56

4-Nitrophenol

Concen: 58.498 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

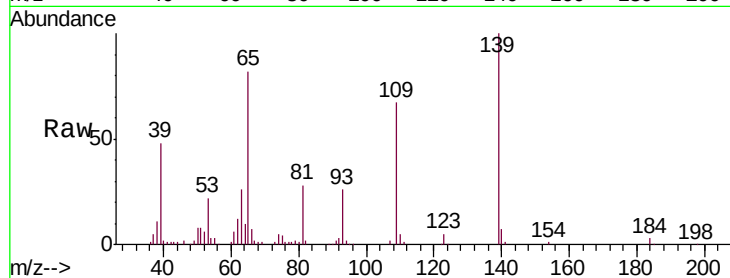
Tgt Ion:139 Resp: 143766

Ion Ratio Lower Upper

139 100

109 66.8 43.8 83.8

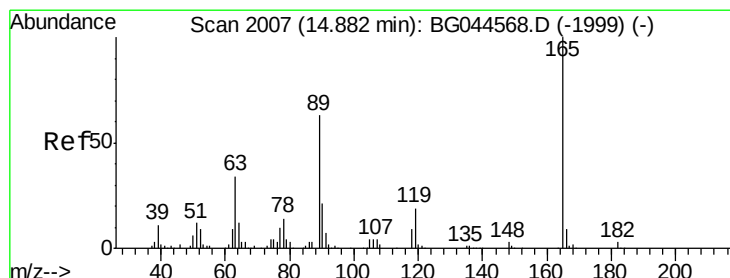
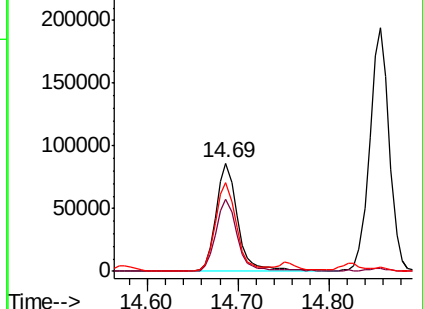
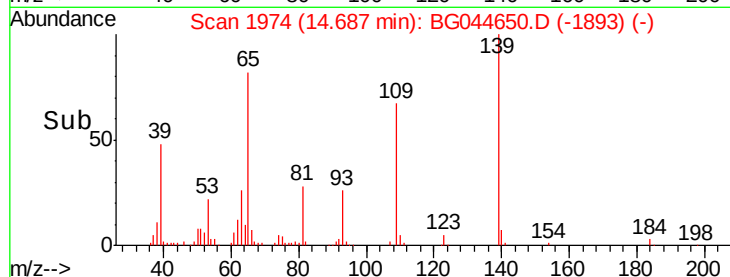
65 82.0 63.6 103.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 47.396 ng

RT: 14.83 min Scan# 1998

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Tgt Ion:165 Resp: 220752

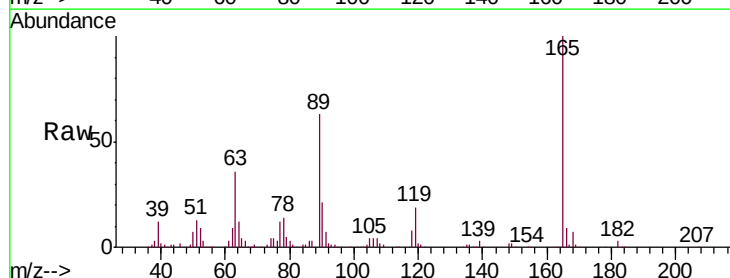
Ion Ratio Lower Upper

165 100

63 35.8 27.5 41.3

89 62.7 50.0 75.0

182 2.6 2.3 3.5

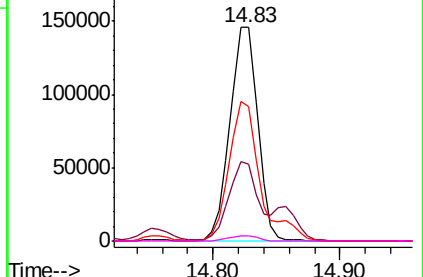
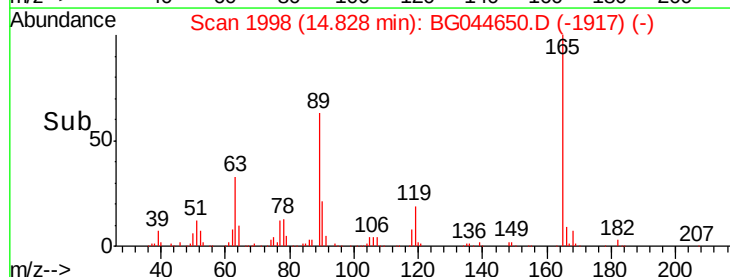


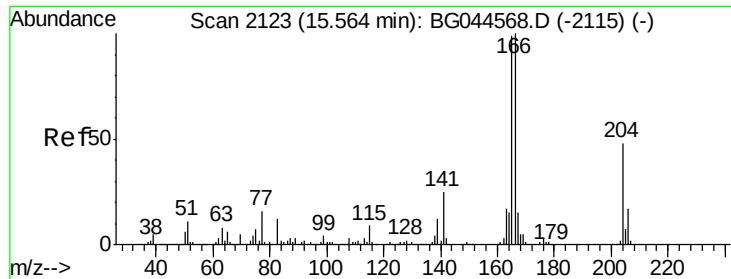
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 45.721 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

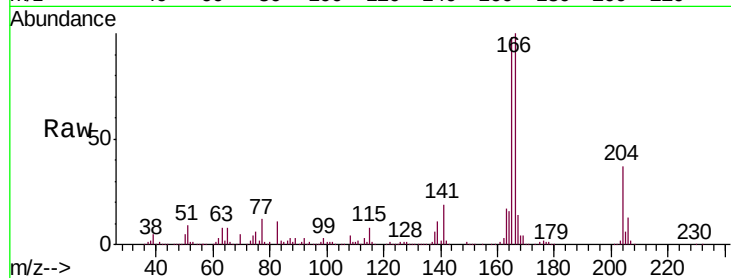
Tgt Ion:166 Resp: 631542

Ion Ratio Lower Upper

166 100

165 98.5 79.2 118.8

167 14.2 11.7 17.5

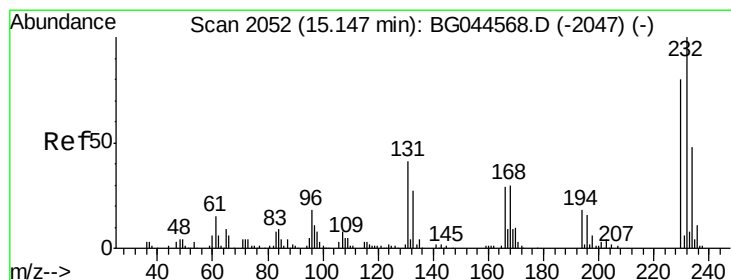
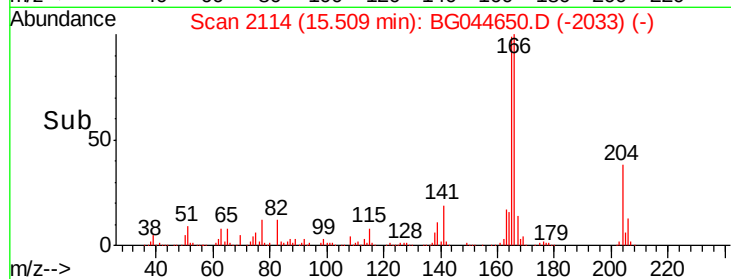
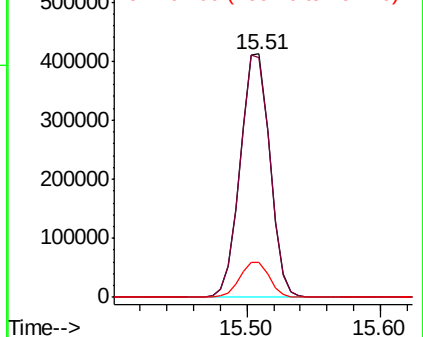


Abundance

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: 48.510 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Tgt Ion:232 Resp: 186680

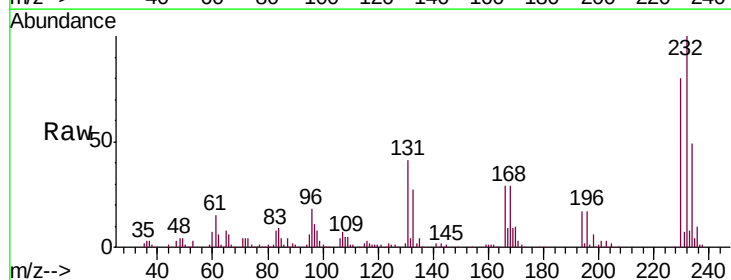
Ion Ratio Lower Upper

232 100

131 39.7 31.8 47.6

130 2.3 1.8 2.6

166 29.2 22.7 34.1



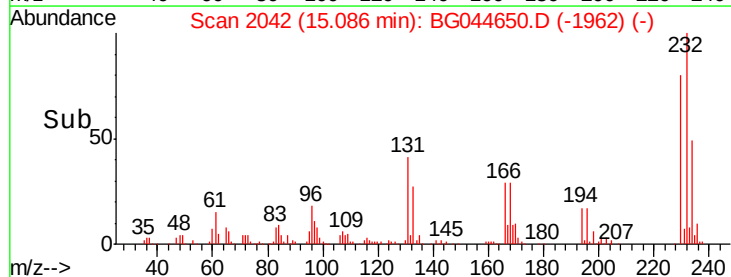
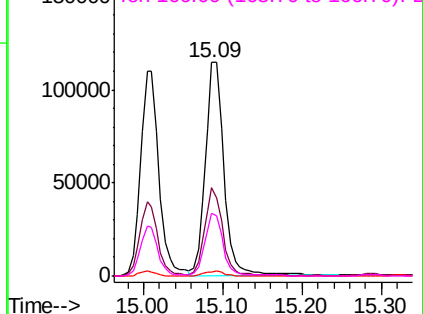
Abundance

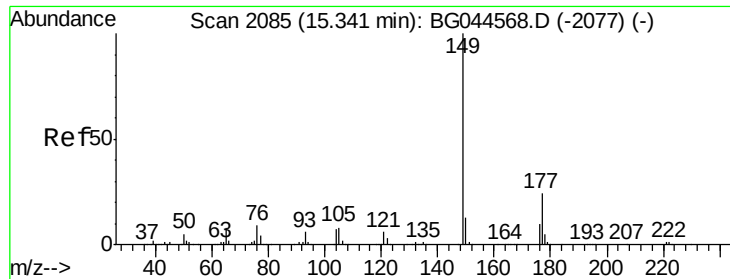
Ion 232.00 (231.70 to 232.70): E

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

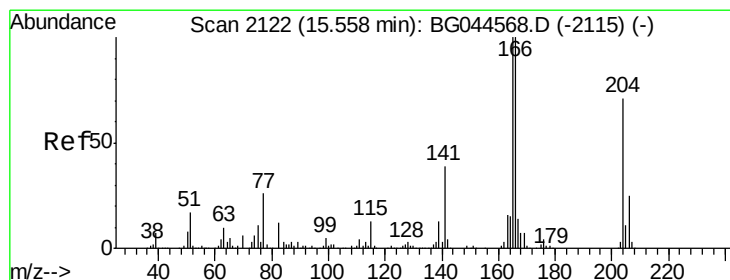
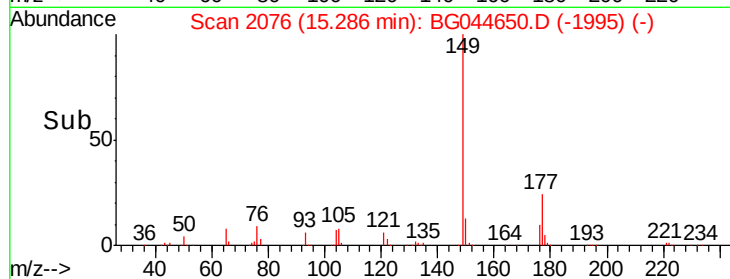
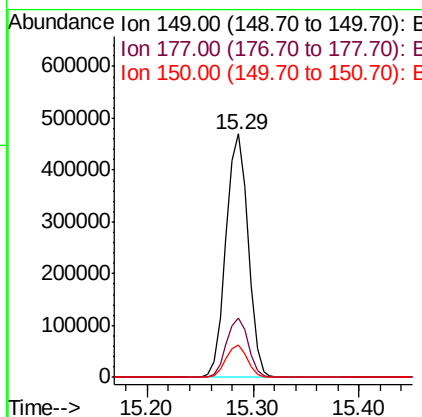
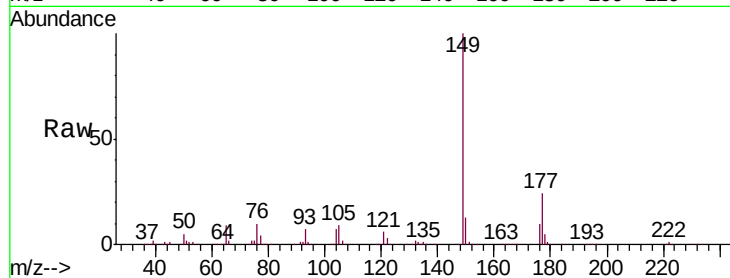




#60
Diethylphthalate
Concen: 45.485 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

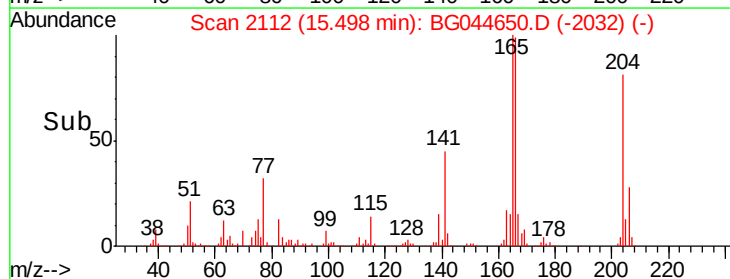
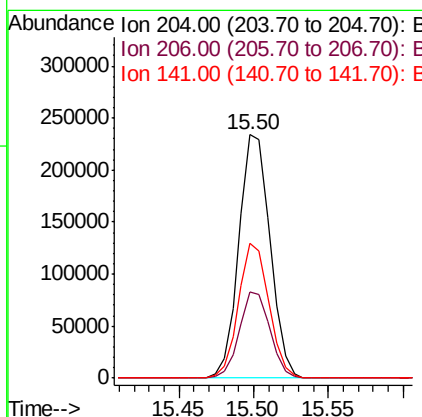
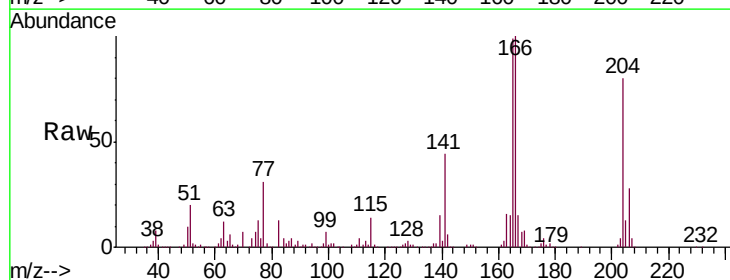
Instrument :
BNA_G
ClientSampleId :
PB127195BS

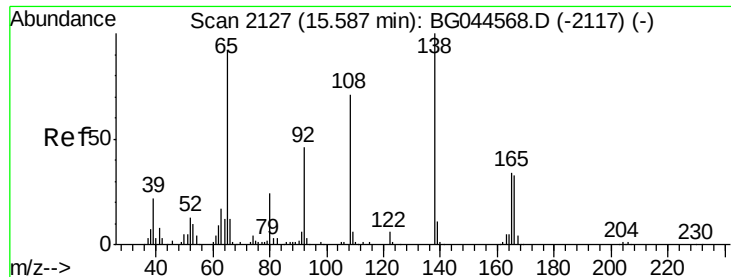
Tgt Ion:149 Resp: 676965
Ion Ratio Lower Upper
149 100
177 24.4 19.2 28.8
150 13.2 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 45.210 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:204 Resp: 339546
Ion Ratio Lower Upper
204 100
206 35.2 27.8 41.8
141 55.4 43.8 65.8

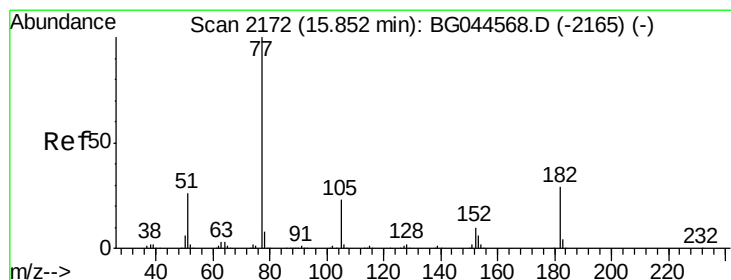
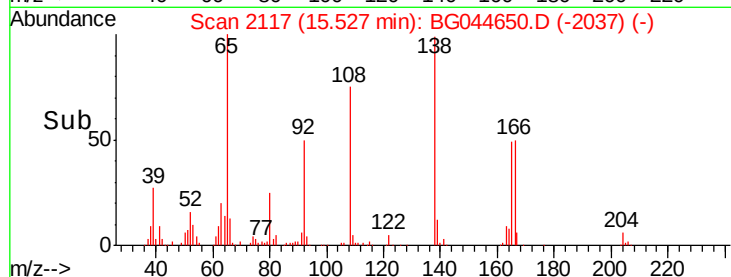
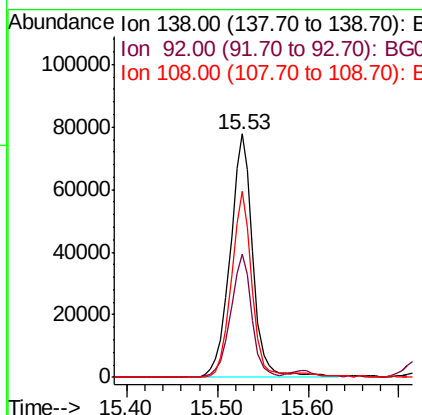
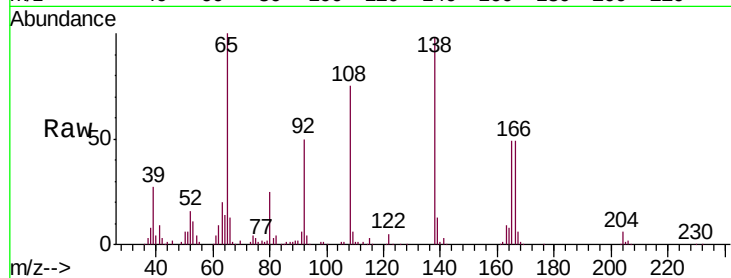




#62
4-Nitroaniline
Concen: 38.009 ng
RT: 15.53 min Scan# 2117
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

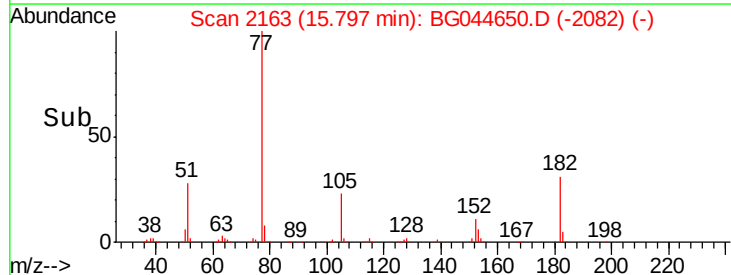
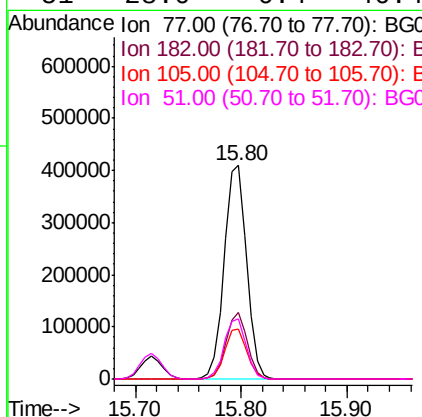
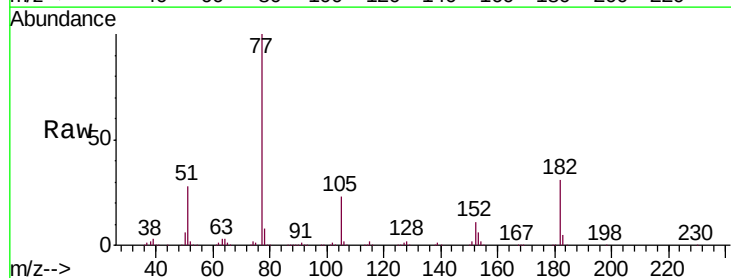
Instrument :
BNA_G
ClientSampleId :
PB127195BS

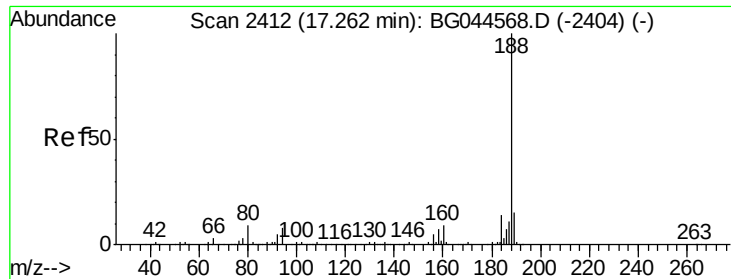
Tgt Ion: 138 Resp: 135977
Ion Ratio Lower Upper
138 100
92 50.6 26.4 66.4
108 76.2 50.5 90.5



#63
Azobenzene
Concen: 47.215 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion: 77 Resp: 598044
Ion Ratio Lower Upper
77 100
182 31.1 9.4 49.4
105 23.2 3.4 43.4
51 28.0 6.4 46.4

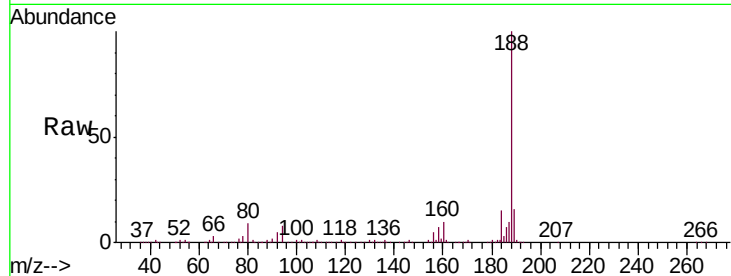




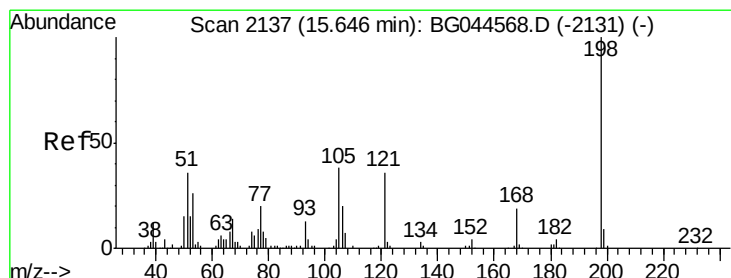
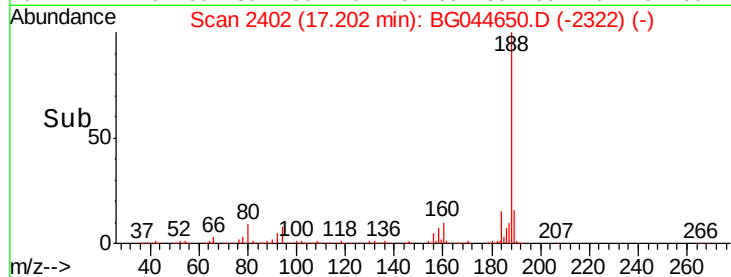
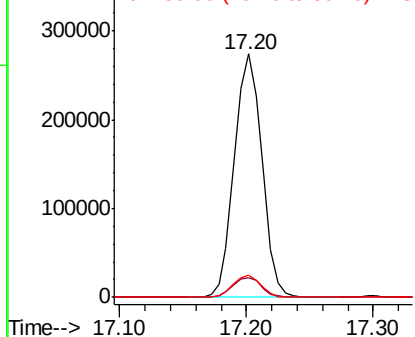
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tgt Ion:188 Resp: 412040
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.3 7.6 11.4

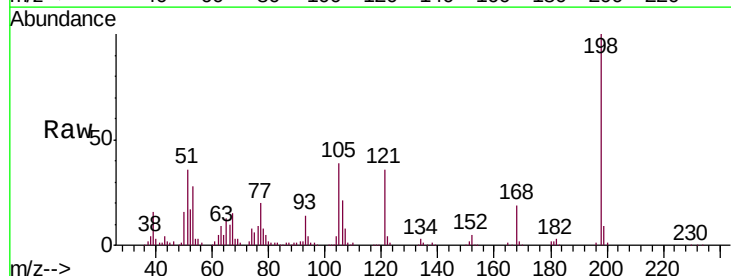


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

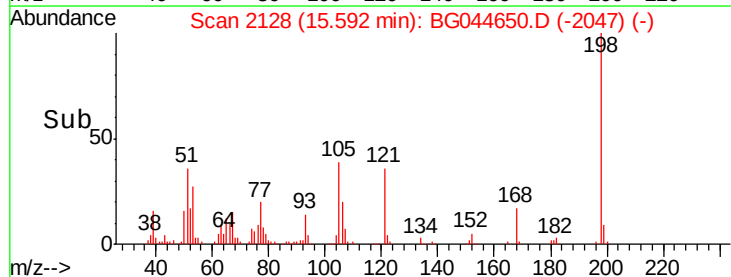
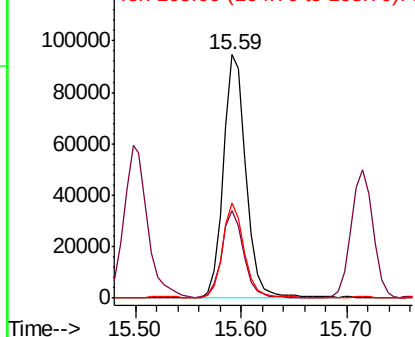


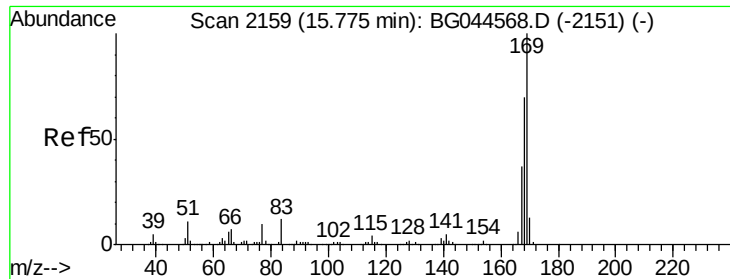
#65
4,6-Dinitro-2-methylphenol
Concen: 55.044 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:198 Resp: 140435
Ion Ratio Lower Upper
198 100
51 36.1 17.0 57.0
105 39.0 18.4 58.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

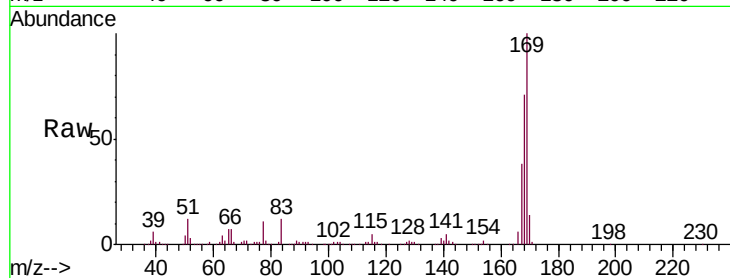




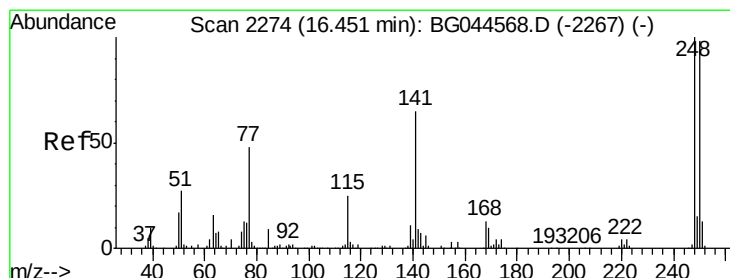
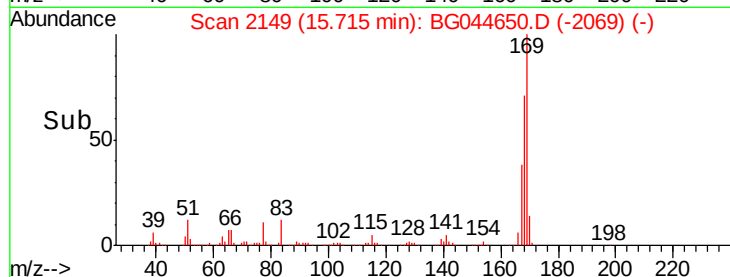
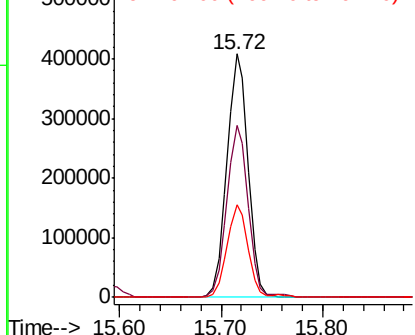
#66
 n-Nitrosodiphenylamine
 Concen: 45.877 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tgt Ion:169 Resp: 589648
 Ion Ratio Lower Upper
 169 100
 168 70.8 56.1 84.1
 167 38.1 29.4 44.0

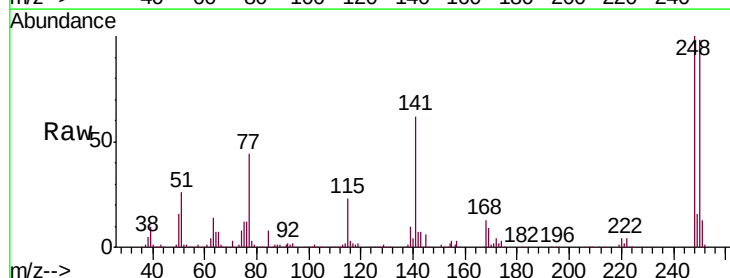


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

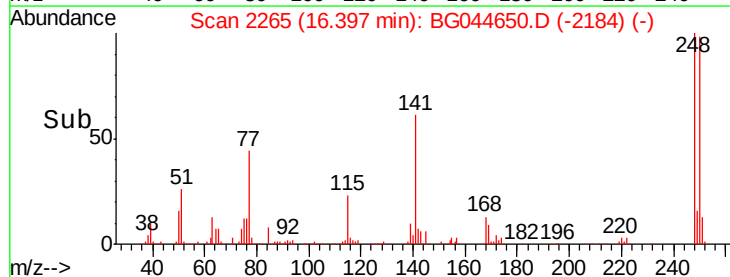
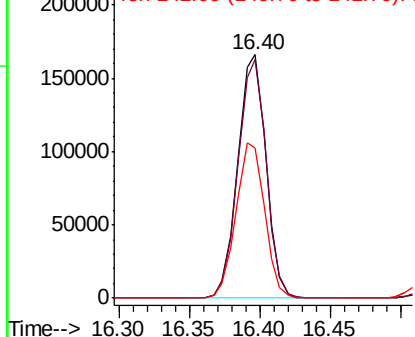


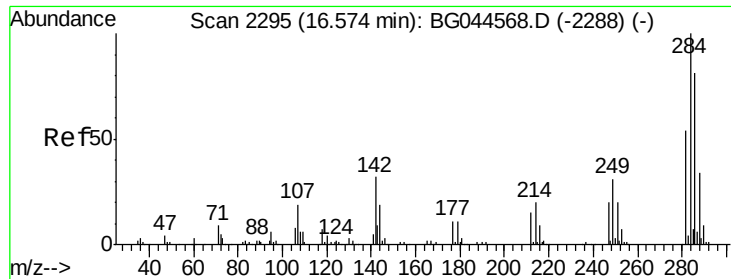
#67
 4-Bromophenyl-phenylether
 Concen: 45.459 ng
 RT: 16.40 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion:248 Resp: 232503
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.7 118.1
 141 61.8 52.3 78.5



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





#68

Hexachlorobenzene

Concen: 44.441 ng

RT: 16.52 min Scan# 2286

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

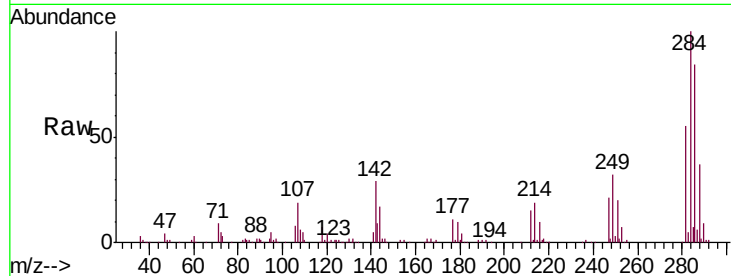
Tgt Ion:284 Resp: 256985

Ion Ratio Lower Upper

284 100

142 28.8 25.6 38.4

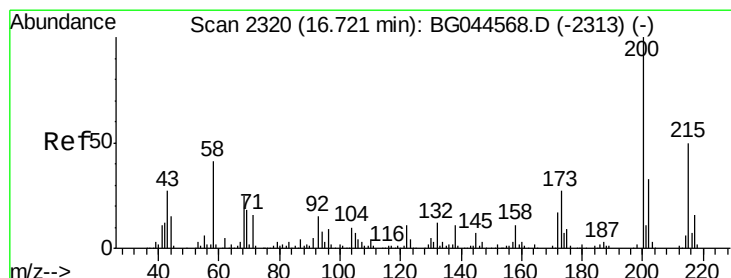
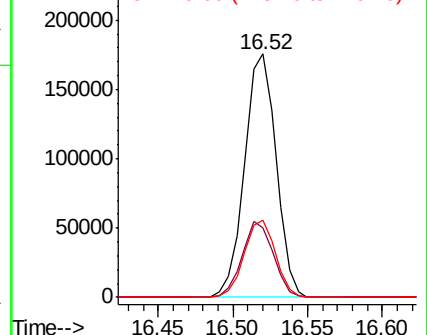
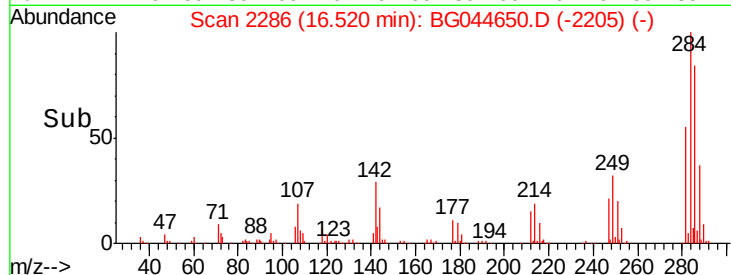
249 31.7 24.6 36.8



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: 46.724 ng

RT: 16.67 min Scan# 2312

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

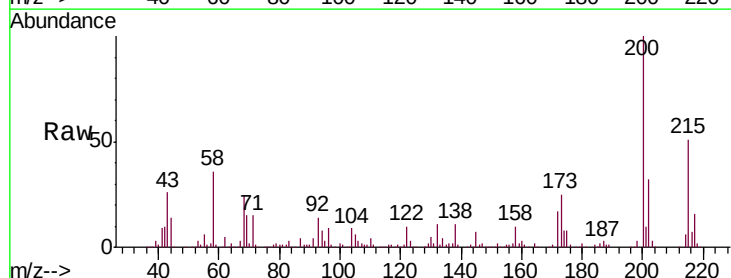
Tgt Ion:200 Resp: 222009

Ion Ratio Lower Upper

200 100

173 25.0 6.6 46.6

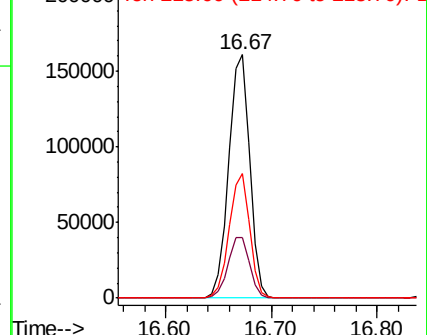
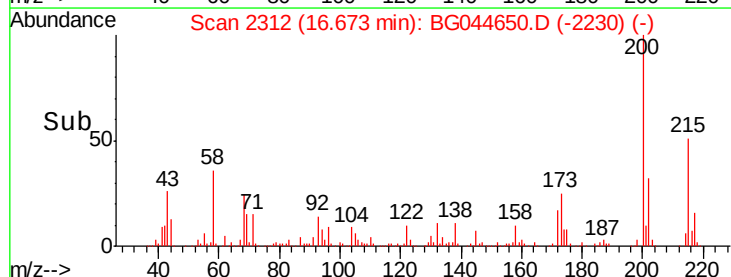
215 51.4 30.3 70.3

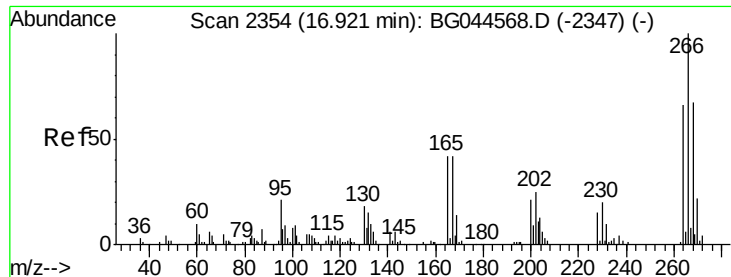


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 91.198 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

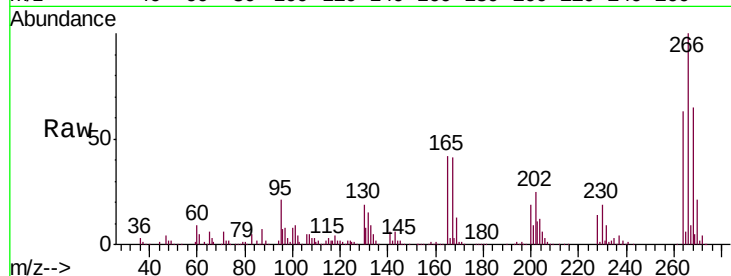
Tgt Ion:266 Resp: 261221

Ion Ratio Lower Upper

266 100

268 65.5 53.4 80.0

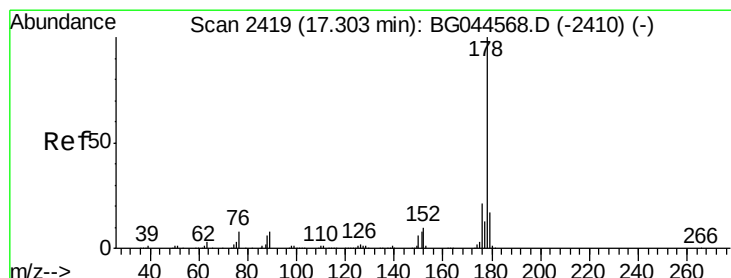
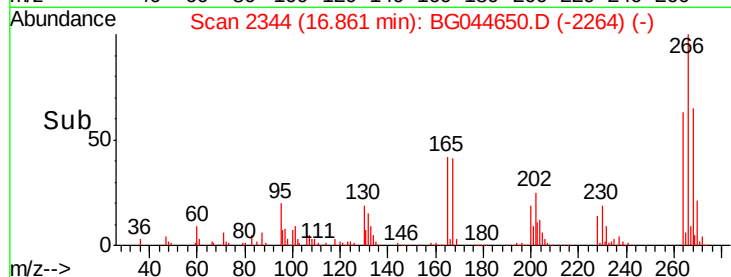
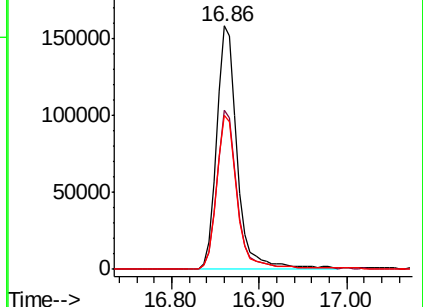
264 63.1 53.0 79.4



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: 45.901 ng

RT: 17.24 min Scan# 2409

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

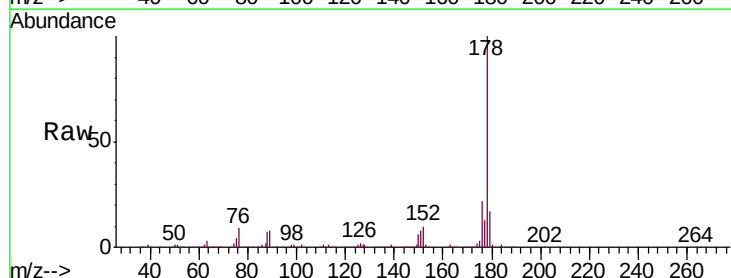
Tgt Ion:178 Resp: 1047087

Ion Ratio Lower Upper

178 100

176 22.0 16.6 25.0

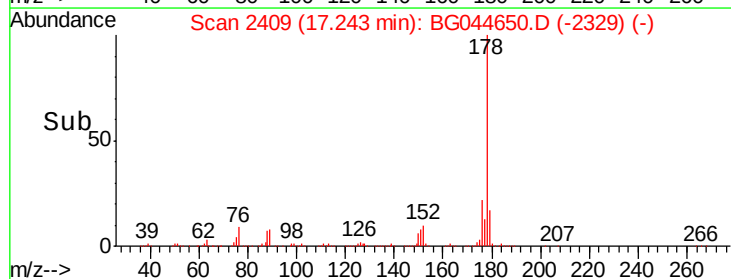
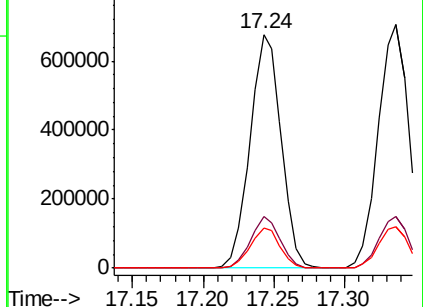
179 17.2 13.3 19.9

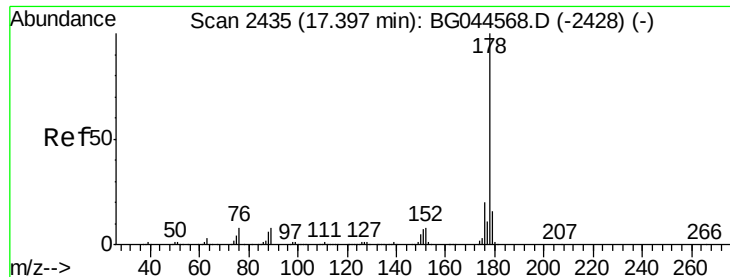


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.604 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

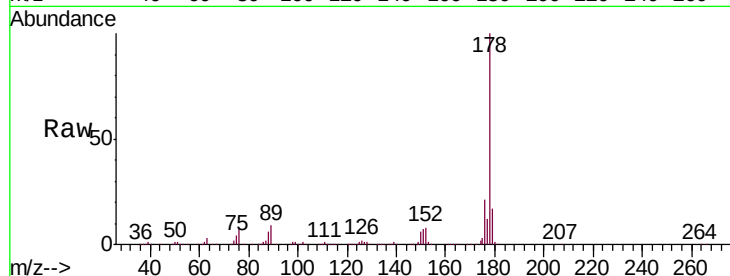
Tgt Ion:178 Resp: 1070178

Ion Ratio Lower Upper

178 100

176 21.1 15.9 23.9

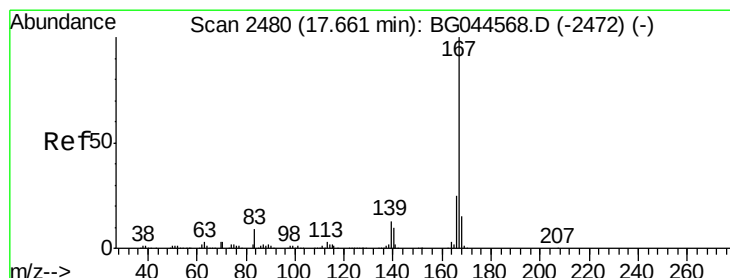
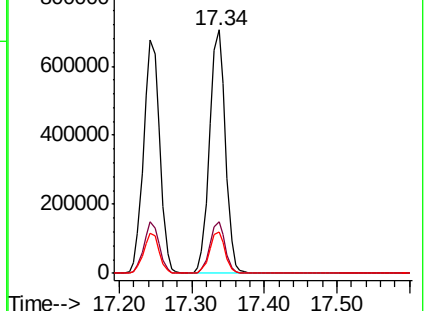
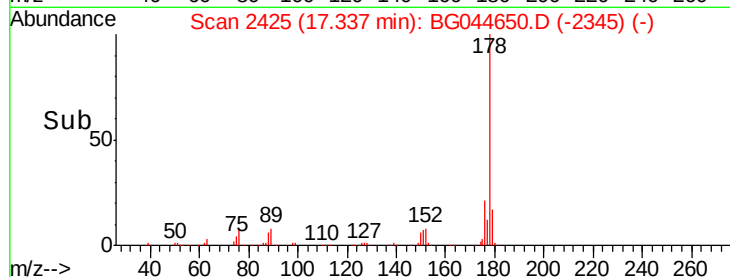
179 17.1 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 46.525 ng

RT: 17.61 min Scan# 2471

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

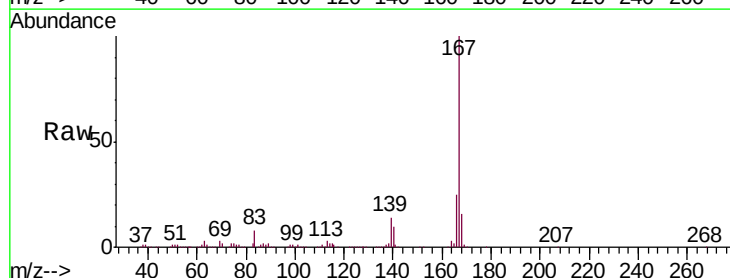
Tgt Ion:167 Resp: 952028

Ion Ratio Lower Upper

167 100

166 25.2 19.7 29.5

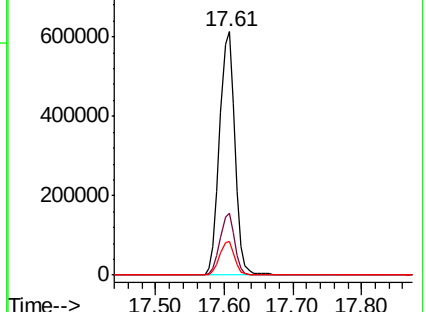
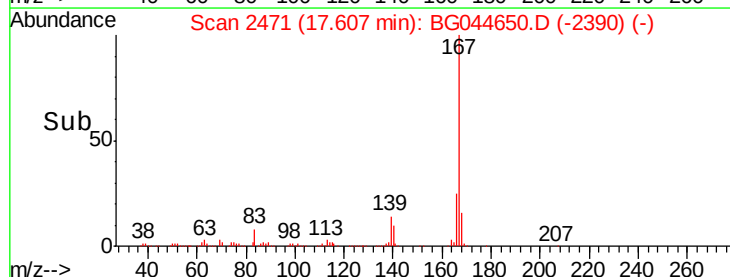
139 13.8 10.6 15.8

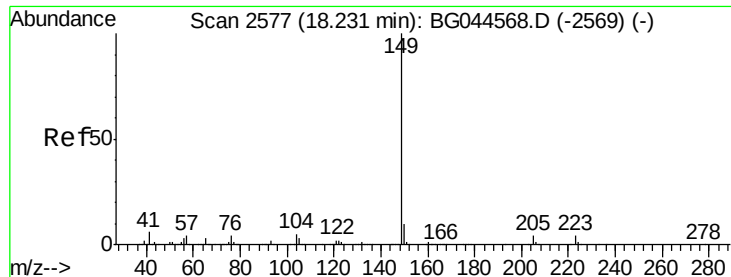


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

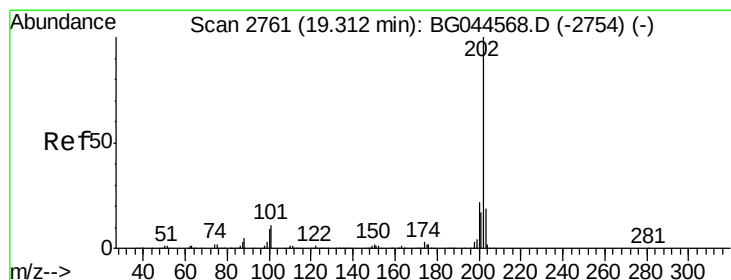
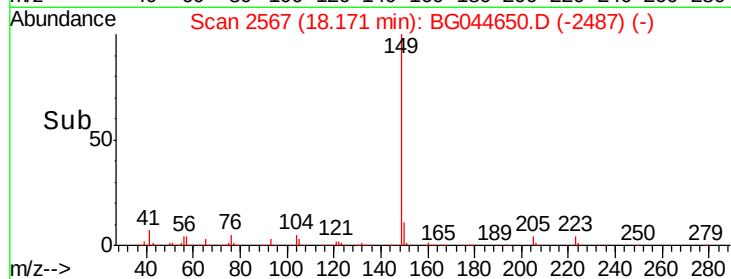
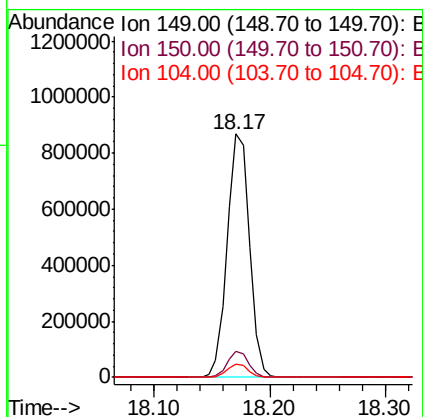
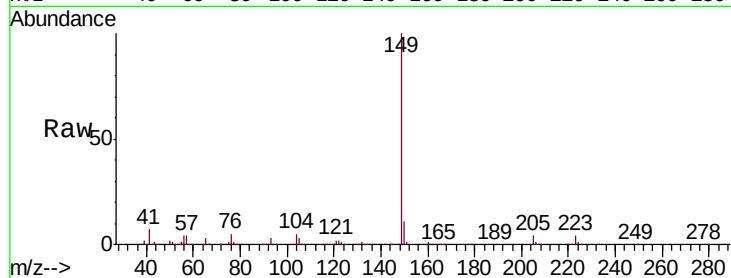




#74
Di-n-butylphthalate
Concen: 45.172 ng
RT: 18.17 min Scan# 2567
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

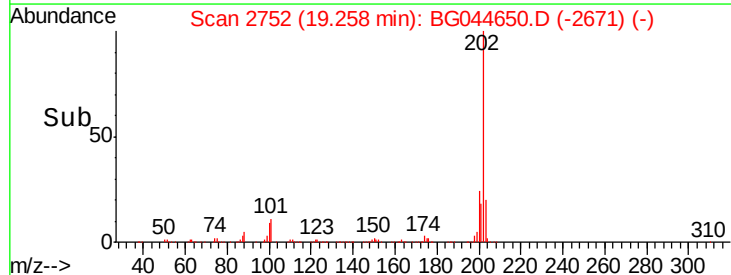
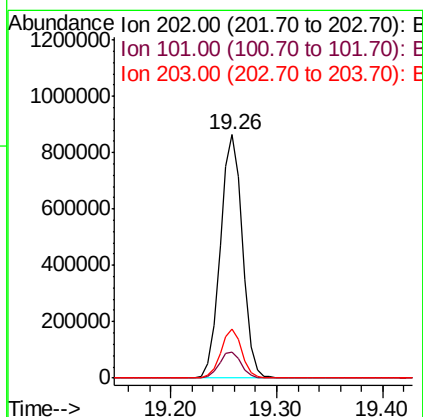
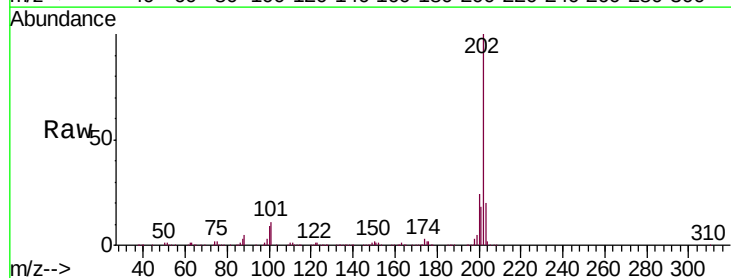
Instrument :
BNA_G
ClientSampleId :
PB127195BS

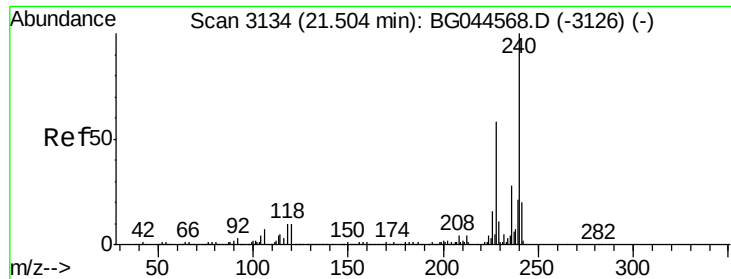
Tgt Ion:149 Resp: 1158297
Ion Ratio Lower Upper
149 100
150 10.8 7.8 11.8
104 5.4 4.0 6.0



#75
Fluoranthene
Concen: 46.424 ng
RT: 19.26 min Scan# 2752
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:202 Resp: 1253675
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.0
203 20.1 0.0 39.2

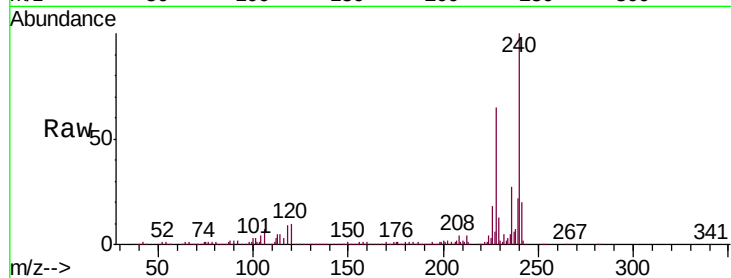




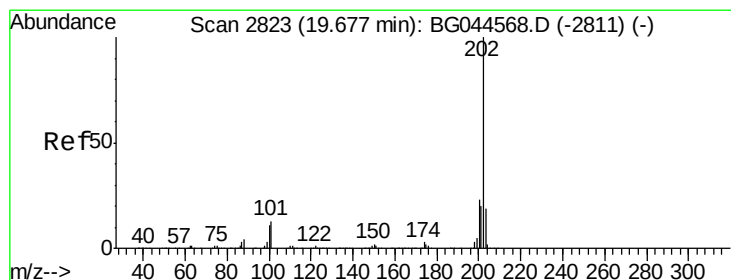
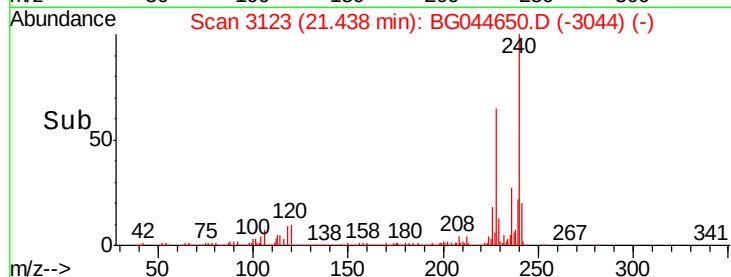
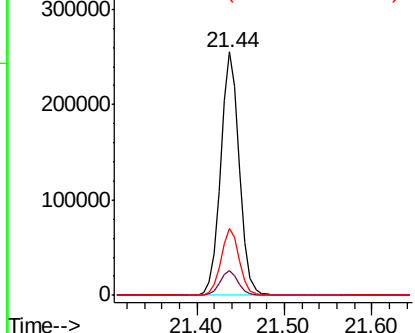
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tgt Ion:240 Resp: 376162
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 27.5 22.3 33.5

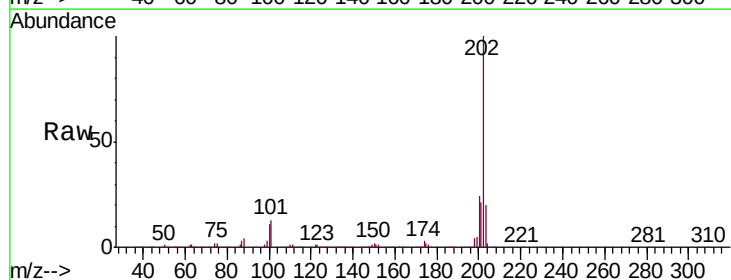


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

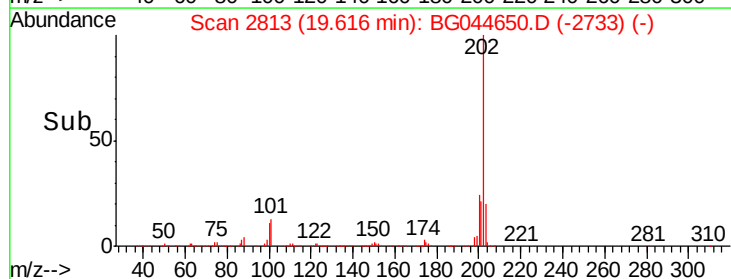
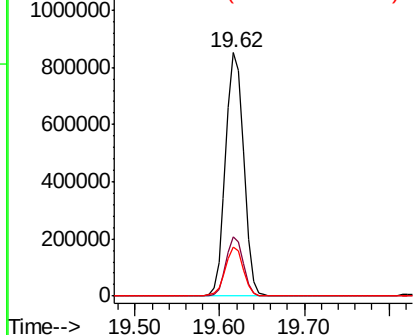


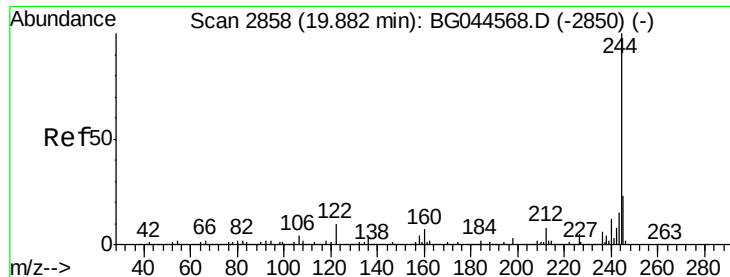
#78
Pyrene
Concen: 46.358 ng
RT: 19.62 min Scan# 2813
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:202 Resp: 1265852
Ion Ratio Lower Upper
202 100
200 24.5 18.6 28.0
203 20.2 15.3 22.9



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: 86.353 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

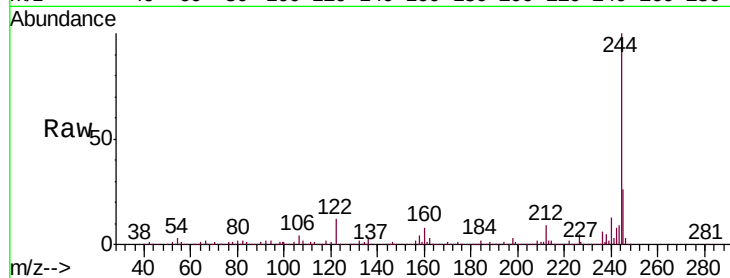
Tgt Ion:244 Resp: 1715883

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

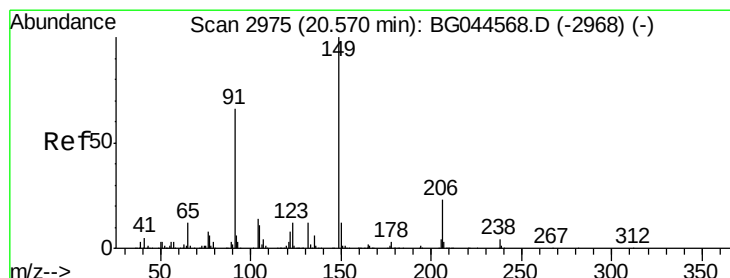
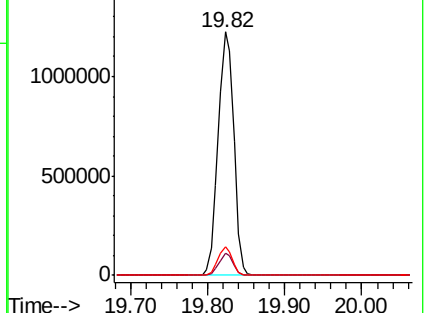
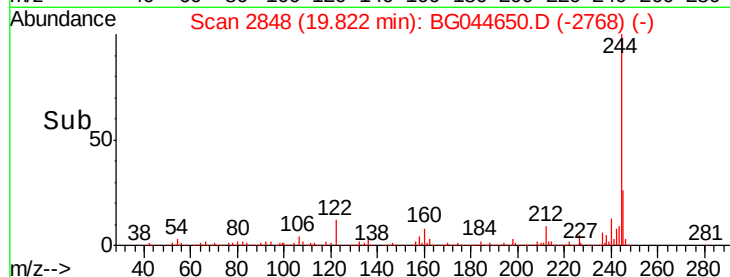
122 11.9 8.2 12.4



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: 44.468 ng

RT: 20.52 min Scan# 2966

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

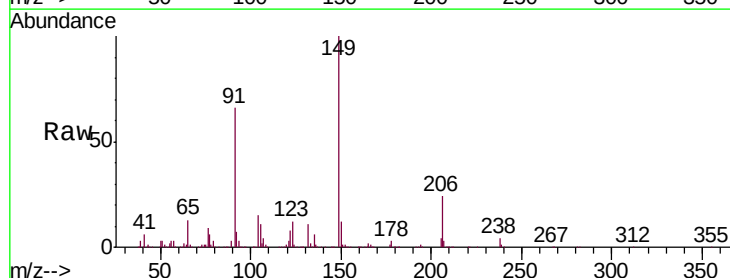
Tgt Ion:149 Resp: 531128

Ion Ratio Lower Upper

149 100

91 66.5 52.7 79.1

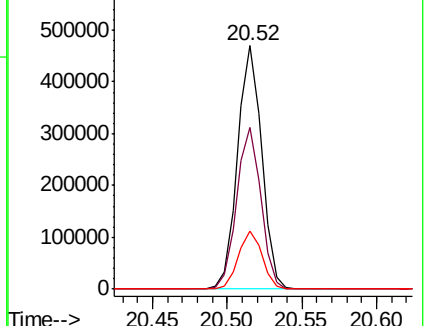
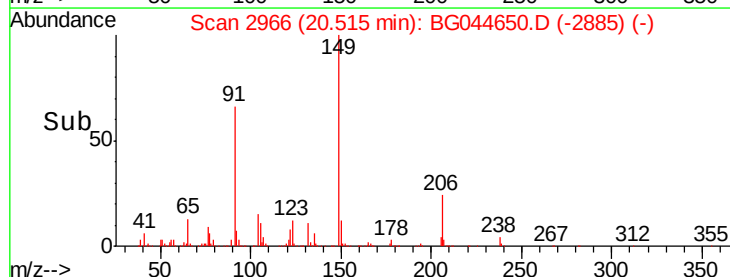
206 24.0 18.6 28.0

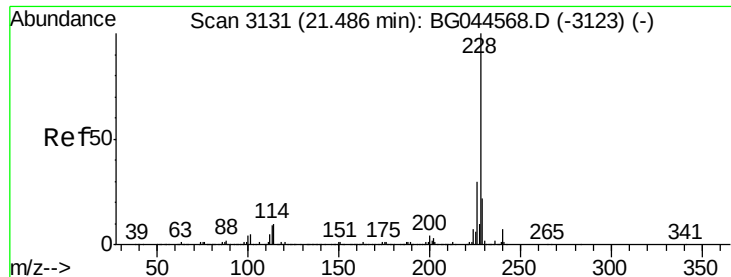


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.986 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

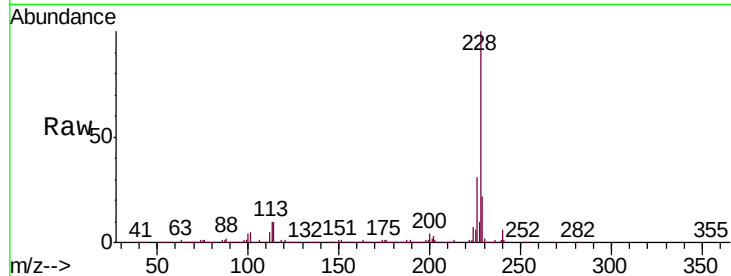
Tgt Ion:228 Resp: 1215771

Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.8

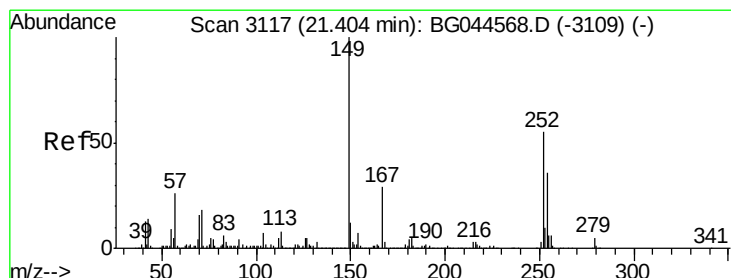
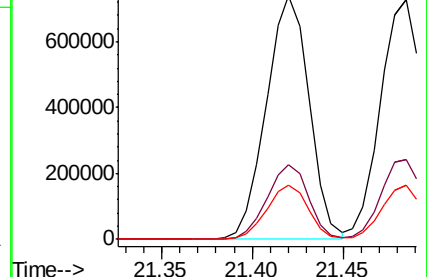
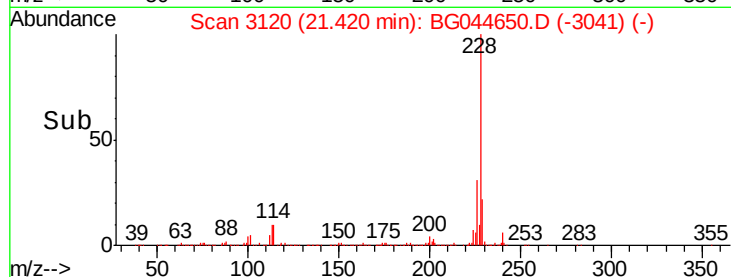
229 22.5 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.761 ng

RT: 21.34 min Scan# 3106

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

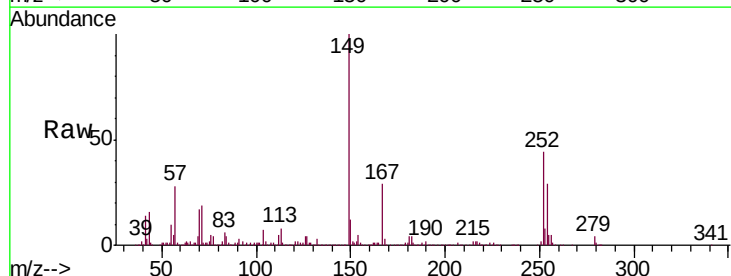
Tgt Ion:252 Resp: 237731

Ion Ratio Lower Upper

252 100

254 65.6 51.5 77.3

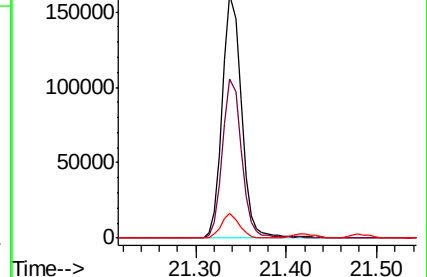
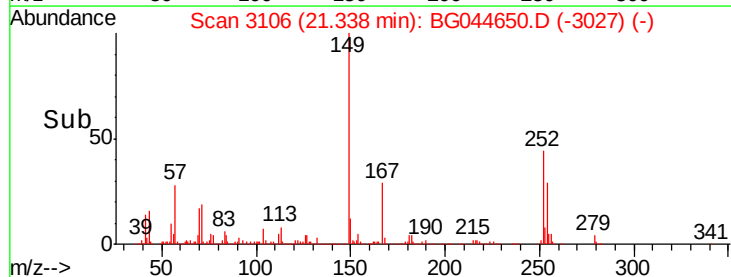
126 9.9 7.8 11.6

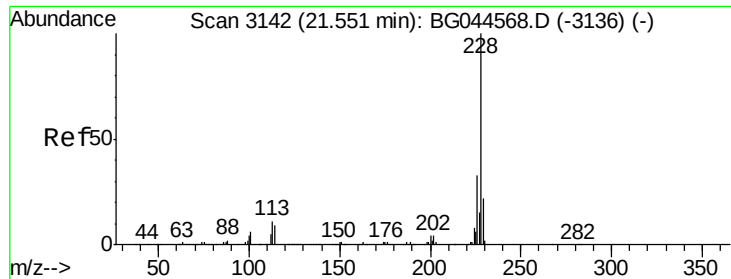


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.010 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

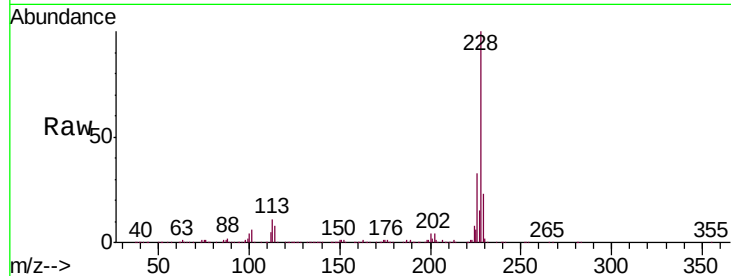
Tgt Ion:228 Resp: 1176095

Ion Ratio Lower Upper

228 100

226 33.4 26.1 39.1

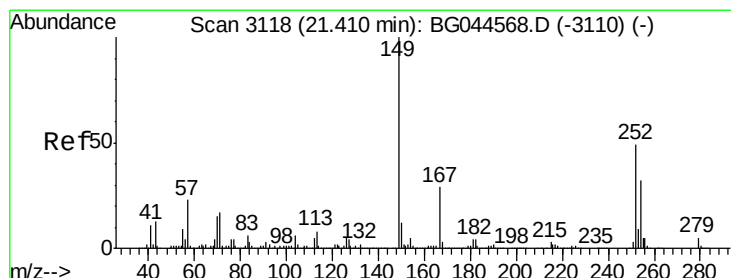
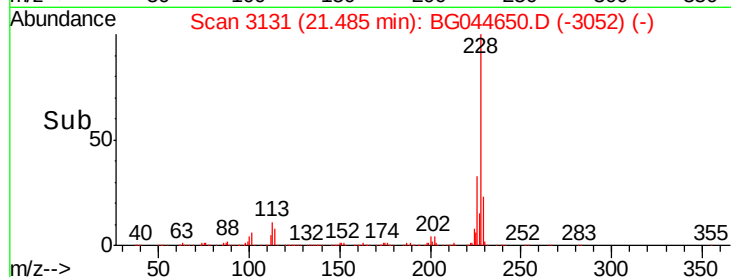
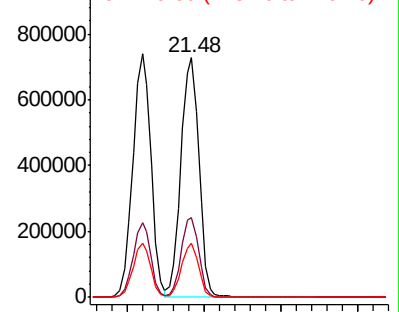
229 22.5 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.835 ng

RT: 21.34 min Scan# 3107

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

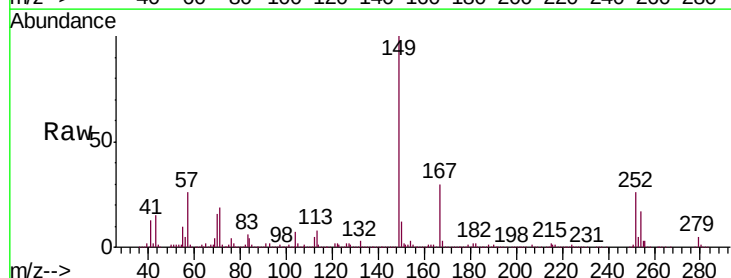
Tgt Ion:149 Resp: 754333

Ion Ratio Lower Upper

149 100

167 29.7 23.4 35.0

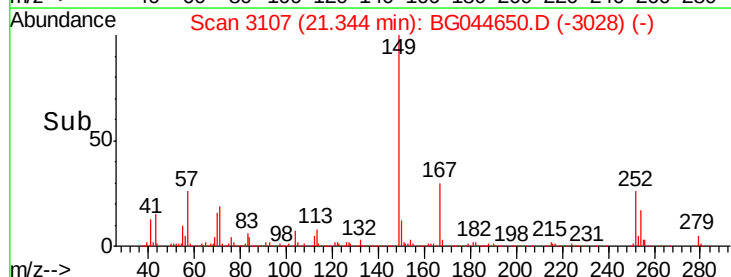
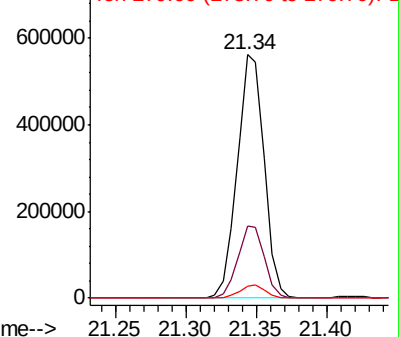
279 4.8 4.2 6.4

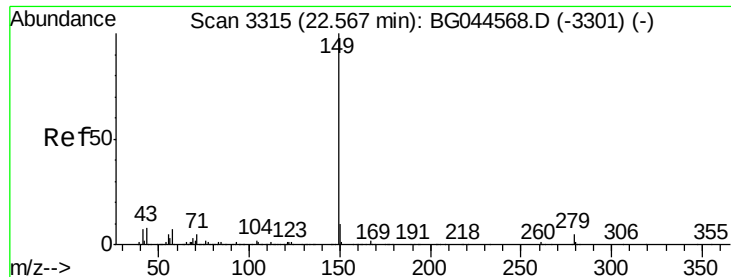


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.627 ng

RT: 22.48 min Scan# 3301

Delta R.T. -0.08 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

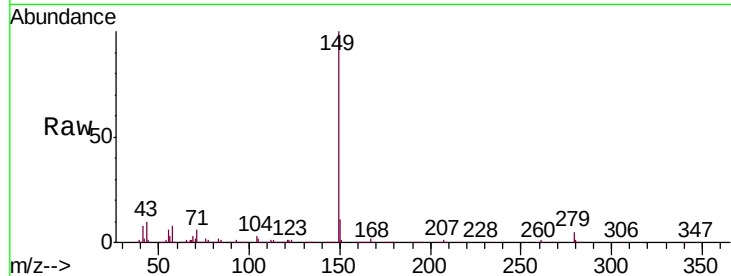
Tgt Ion:149 Resp: 1321146

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

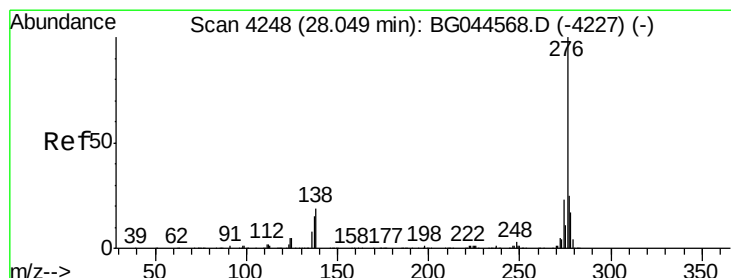
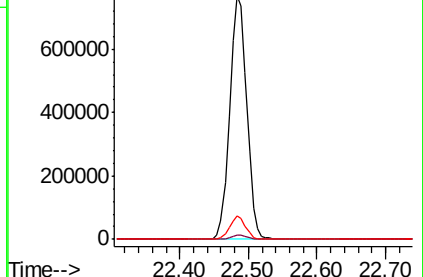
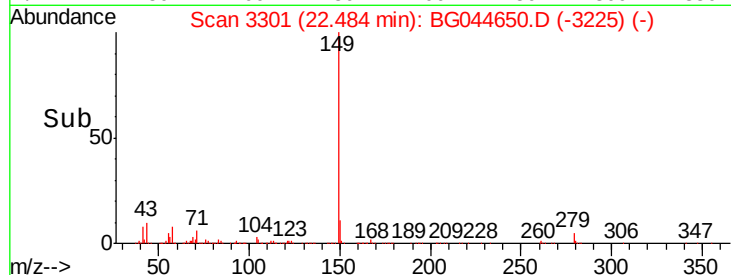
43 9.0 6.6 10.0



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: 46.555 ng

RT: 27.87 min Scan# 4218

Delta R.T. -0.18 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

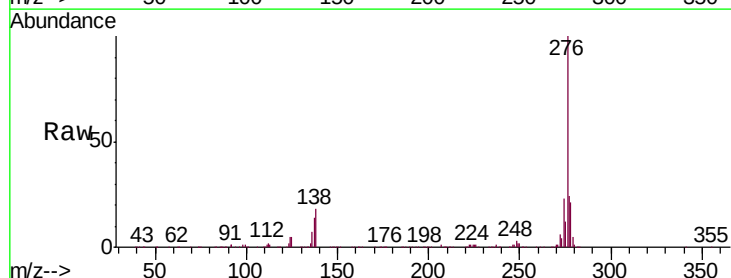
Tgt Ion:276 Resp: 1527235

Ion Ratio Lower Upper

276 100

138 22.2 18.2 27.4

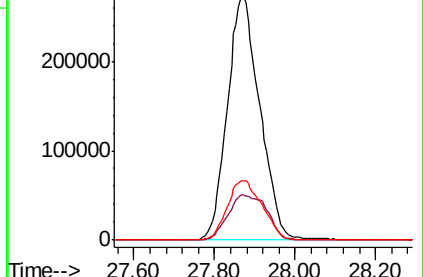
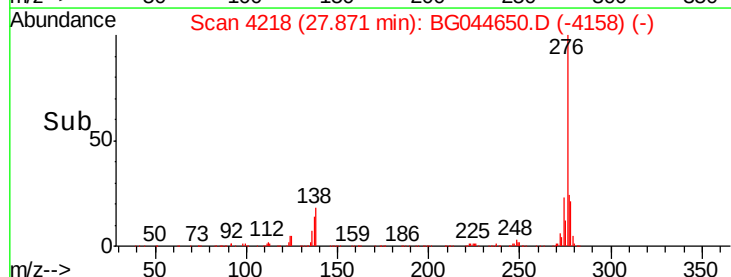
277 26.2 20.7 31.1

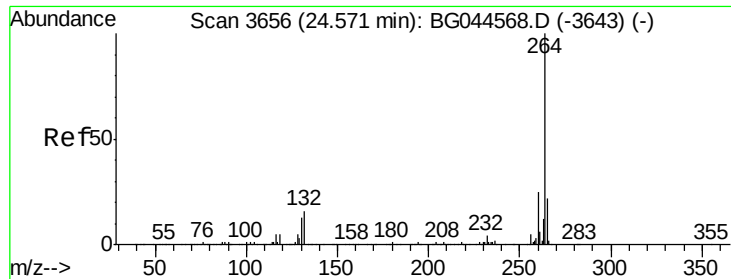


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

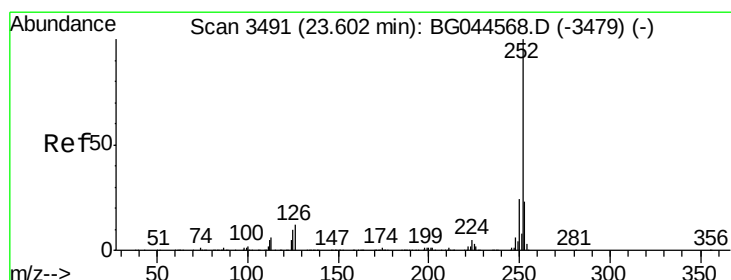
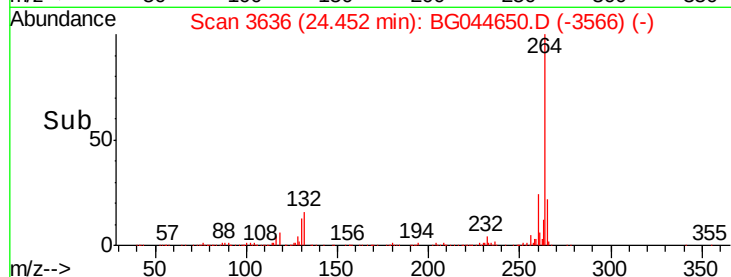
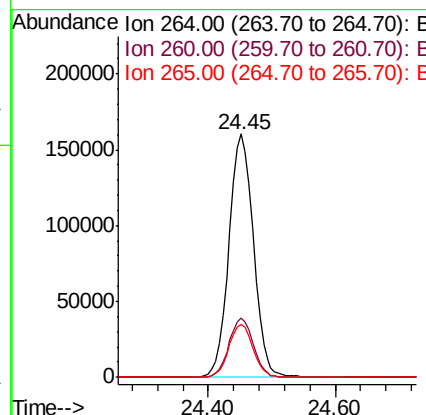
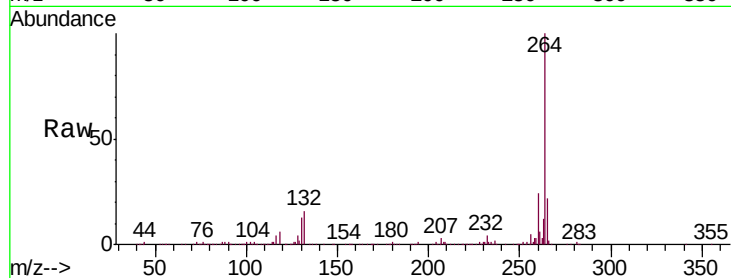




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.12 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

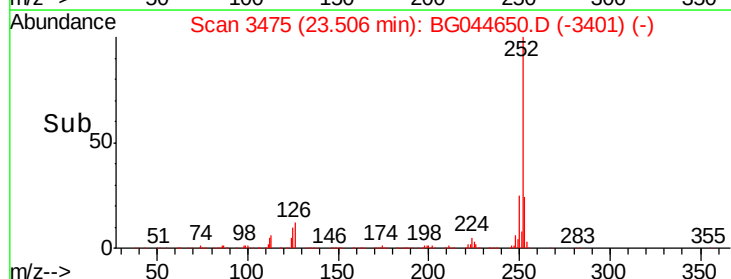
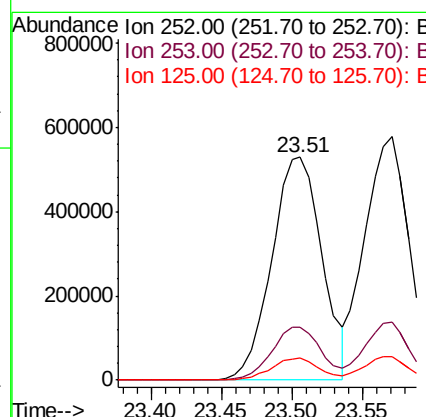
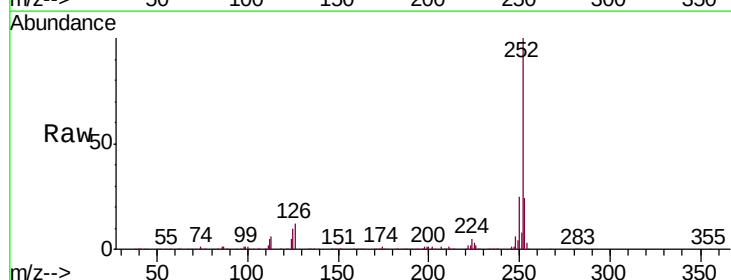
Instrument :
BNA_G
ClientSampleId :
PB127195BS

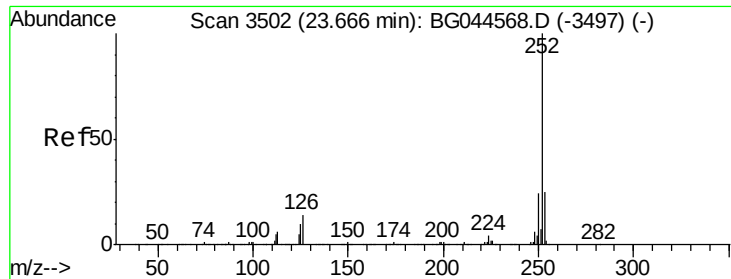
Tgt Ion:264 Resp: 429856
Ion Ratio Lower Upper
264 100
260 24.5 19.7 29.5
265 21.6 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 46.483 ng
RT: 23.51 min Scan# 3475
Delta R.T. -0.10 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:252 Resp: 1313727
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.368 ng

RT: 23.57 min Scan# 3486

Delta R.T. -0.10 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

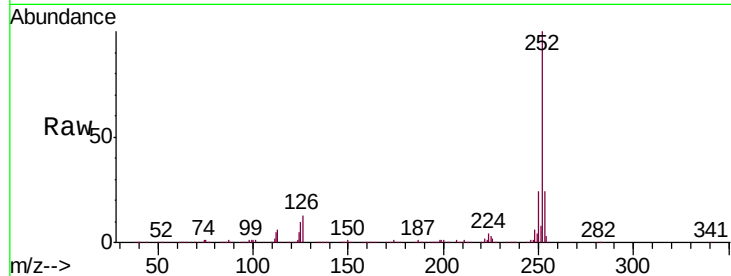
Tgt Ion:252 Resp: 1271536

Ion Ratio Lower Upper

252 100

253 23.6 19.0 28.6

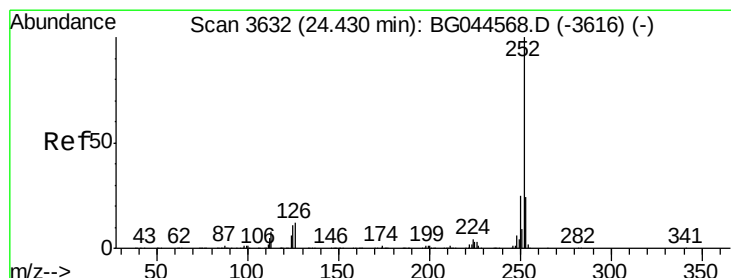
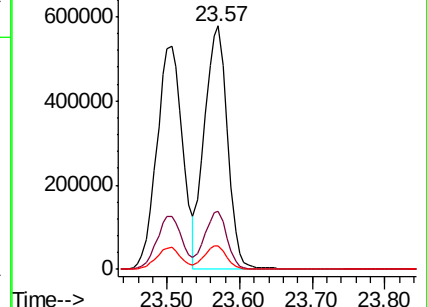
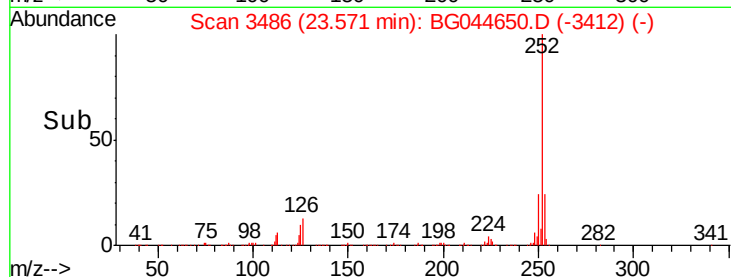
125 9.6 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.935 ng

RT: 24.31 min Scan# 3612

Delta R.T. -0.12 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

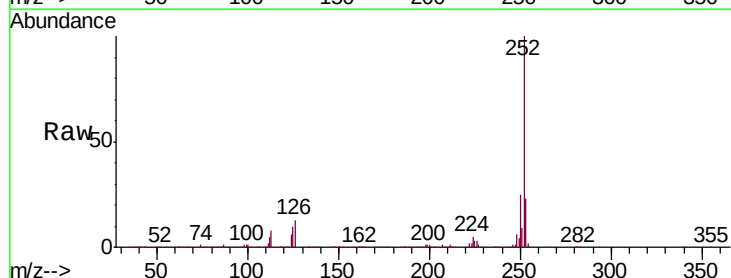
Tgt Ion:252 Resp: 1193209

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.4

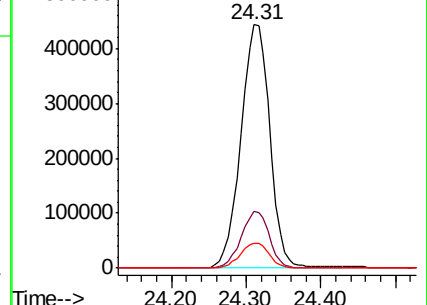
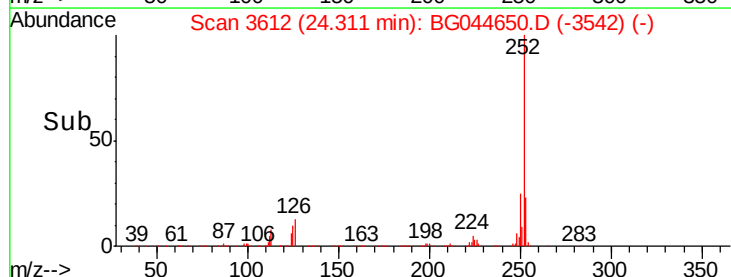
125 10.3 8.5 12.7

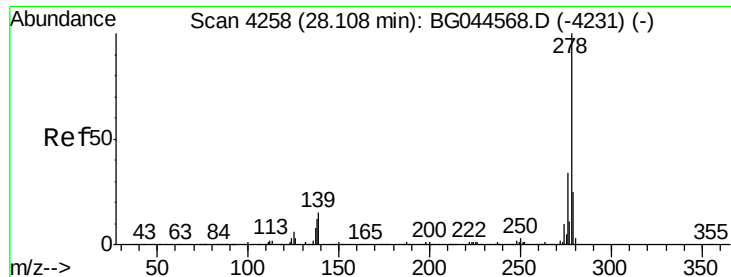


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



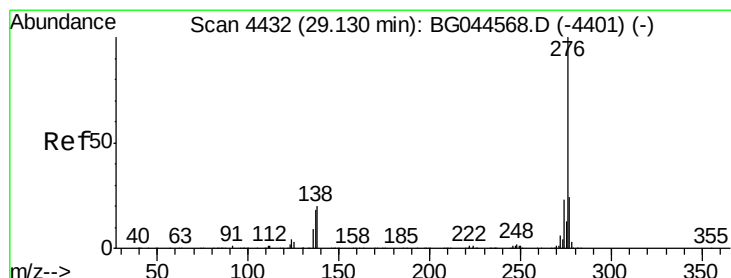
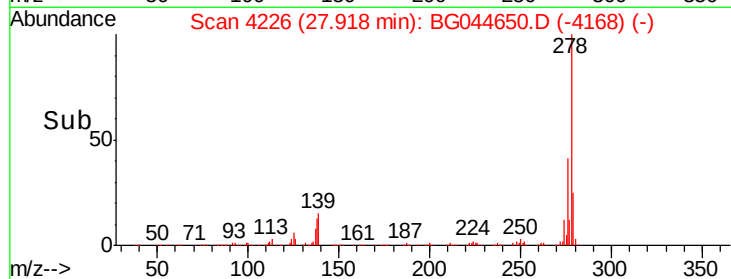
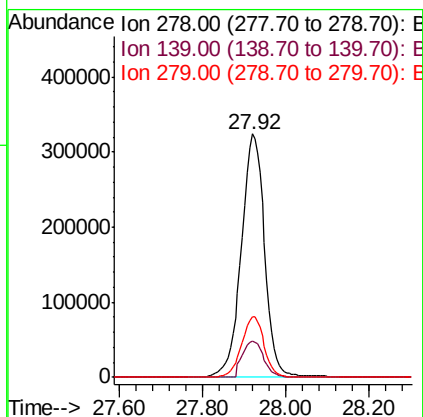
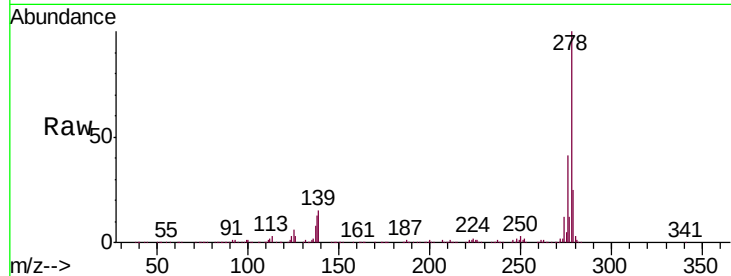


#91
Dibenzo(a,h)anthracene
Concen: 48.054 ng
RT: 27.92 min Scan# 4226
Delta R.T. -0.19 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tgt Ion:278 Resp: 1261967

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.7	17.5
279	25.1	19.8	29.6



#92
Benzo(g,h,i)perylene
Concen: 48.890 ng
RT: 28.93 min Scan# 4399
Delta R.T. -0.20 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:276 Resp: 1286370

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	19.1	16.1	24.1

