

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044573.D
 Acq On : 24 Feb 2020 16:04
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

Quant Time: Feb 24 17:48:44 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	7.88	152	59718	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	251323	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	168978	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	382575	20.00	ng	0.00
76) Chrysene-d12	21.51	240	343189	20.00	ng	0.00
87) Perylene-d12	24.57	264	396044	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	267161	71.78	ng	0.00
7) Phenol-d6	7.05	99	380367	74.66	ng	0.00
23) Nitrobenzene-d5	9.03	82	346173	70.96	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	173674	72.49	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	852538	72.25	ng	0.00
79) Terphenyl-d14	19.88	244	1375132	75.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	60936	37.518	ng	100
3) Pyridine	3.73	79	146397	32.304	ng	98
4) n-Nitrosodimethylamine	3.64	42	65605	38.115	ng	95
6) Aniline	7.19	93	250474	40.381	ng	98
8) 2-Chlorophenol	7.44	128	160508	39.505	ng	98
9) Benzaldehyde	7.01	77	116546	38.903	ng	99
10) Phenol	7.08	94	197140	39.930	ng	100
11) bis(2-Chloroethyl)ether	7.29	93	157852	38.032	ng	98
12) 1,3-Dichlorobenzene	7.76	146	176934	36.512	ng	100
13) 1,4-Dichlorobenzene	7.91	146	179689	36.896	ng	100
14) 1,2-Dichlorobenzene	8.23	146	171407	37.010	ng	99
15) Benzyl Alcohol	8.12	79	139082	40.479	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	207295	37.163	ng	99
17) 2-Methylphenol	8.33	107	141339	40.073	ng	95
18) Hexachloroethane	8.96	117	63705	35.793	ng	99
19) n-Nitroso-di-n-propylamine	8.68	70	129266	39.473	ng	99
20) 3+4-Methylphenols	8.66	107	194109	40.198	ng	99
22) Acetophenone	8.70	105	262001	41.522	ng	99
24) Nitrobenzene	9.07	77	179626	38.006	ng	99
25) Isophorone	9.60	82	363535	39.835	ng	99
26) 2-Nitrophenol	9.79	139	101567	39.626	ng	99
27) 2,4-Dimethylphenol	9.86	122	164673	45.757	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	224178	37.146	ng	100
29) 2,4-Dichlorophenol	10.33	162	168125	39.075	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	180141	36.202	ng	98
31) Naphthalene	10.73	128	526897	38.421	ng	99
32) Benzoic acid	10.03	122	44815	39.695	ng	99
33) 4-Chloroaniline	10.83	127	237215	39.273	ng	98
34) Hexachlorobutadiene	11.02	225	107388	34.365	ng	99
35) Caprolactam	11.61	113	62055	40.288	ng	96
36) 4-Chloro-3-methylphenol	11.97	107	179916	40.623	ng	97
37) 2-Methylnaphthalene	12.34	142	400359	39.501	ng	99
38) 1-Methylnaphthalene	12.56	142	372546	38.684	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	218684	38.442	ng	99

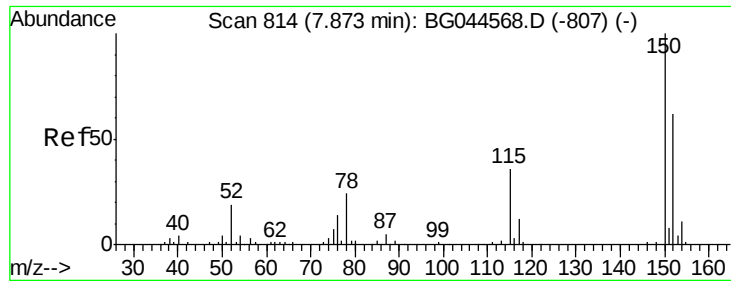
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044573.D
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 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	96084	40.225	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	137041	37.101	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	148569	39.156	ng	97
46) 1,1'-Biphenyl	13.35	154	536746	38.384	ng	97
47) 2-Chloronaphthalene	13.39	162	400902	36.561	ng	99
48) 2-Nitroaniline	13.59	65	111840	36.743	ng	100
49) Acenaphthylene	14.24	152	641197	39.613	ng	100
50) Dimethylphthalate	13.97	163	515728	37.813	ng	99
51) 2,6-Dinitrotoluene	14.09	165	117691	39.127	ng	100
52) Acenaphthene	14.59	154	389200	37.721	ng	99
53) 3-Nitroaniline	14.42	138	120100	37.022	ng	99
54) 2,4-Dinitrophenol	14.64	184	57142	37.519	ng	95
55) Dibenzofuran	14.92	168	619635	39.173	ng	99
56) 4-Nitrophenol	14.74	139	92152	41.297	ng	96
57) 2,4-Dinitrotoluene	14.88	165	167629	39.638	ng	99
58) Fluorene	15.57	166	490799	39.133	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.15	232	130877	37.456	ng	97
60) Diethylphthalate	15.34	149	514250	38.054	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	256294	37.584	ng	99
62) 4-Nitroaniline	15.58	138	127411	39.224	ng	98
63) Azobenzene	15.86	77	447946	38.949	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	99663	42.072	ng	98
66) n-Nitrosodiphenylamine	15.77	169	456783	38.277	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	173773	36.593	ng	99
68) Hexachlorobenzene	16.58	284	190534	35.487	ng	99
69) Atrazine	16.72	200	166955	37.844	ng	98
70) Pentachlorophenol	16.92	266	85226	36.765	ng	95
71) Phenanthrene	17.31	178	804648	37.990	ng	100
72) Anthracene	17.39	178	825049	39.527	ng	99
73) Carbazole	17.66	167	743868	39.152	ng	99
74) Di-n-butylphthalate	18.23	149	897373	37.692	ng	100
75) Fluoranthene	19.32	202	974553	38.868	ng	100
77) Benzidine	19.50	184	403618	34.333	ng	98
78) Pyrene	19.68	202	978697	39.285	ng	99
80) Butylbenzylphthalate	20.57	149	405664	37.227	ng	98
81) Benzo(a)anthracene	21.49	228	916216	37.985	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	370269	38.857	ng	99
83) Chrysene	21.55	228	888623	38.104	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	570254	37.979	ng	99
85) Di-n-octyl phthalate	22.57	149	1016051	38.461	ng	100
86) Indeno(1,2,3-cd)pyrene	28.05	276	1146558	38.309	ng	99
88) Benzo(b)fluoranthene	23.61	252	999248	38.375	ng	100
89) Benzo(k)fluoranthene	23.67	252	976073	38.633	ng	98
90) Benzo(a)pyrene	24.43	252	973795	39.803	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	941411	38.908	ng	99
92) Benzo(g,h,i)perylene	29.14	276	952444	39.289	ng	98

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

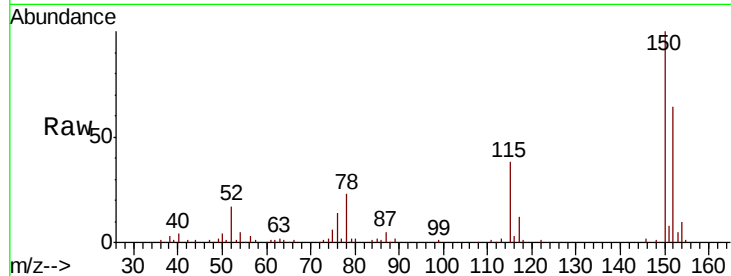


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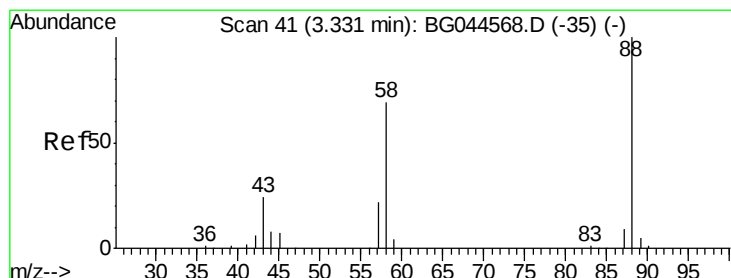
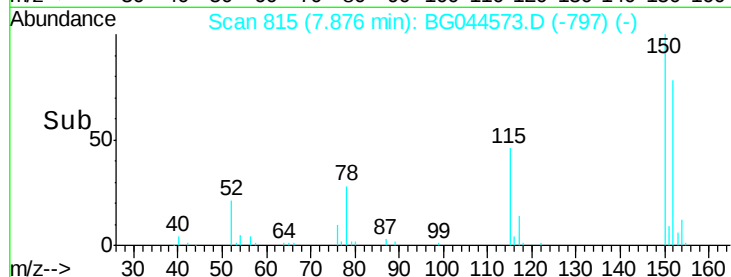
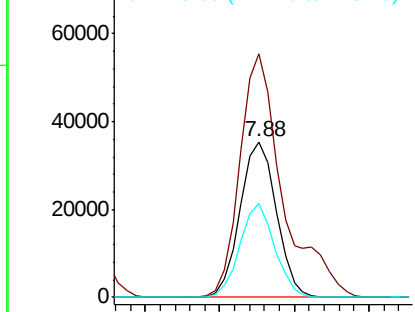
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
ICVBG022420

Tot Ion:152 Resp: 59718
Ion Ratio Lower Upper
152 100
150 156.4 128.9 193.3
115 59.9 47.0 70.4



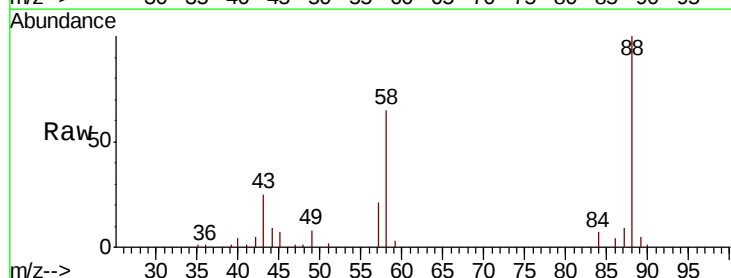
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



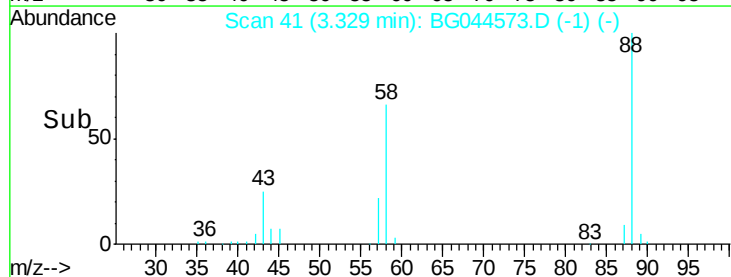
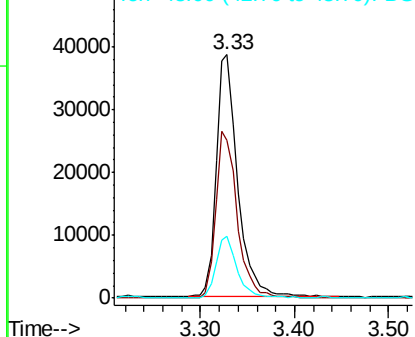
#2

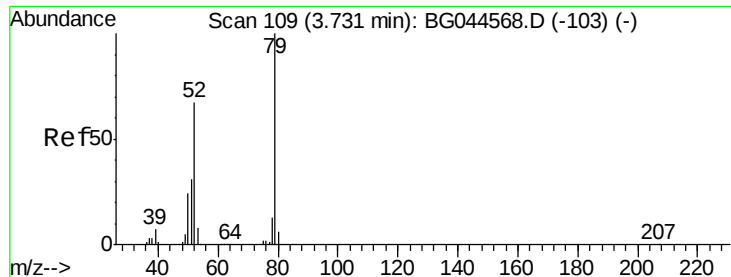
1,4-Dioxane
Concen: 37.518 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion: 88 Resp: 60936
Ion Ratio Lower Upper
88 100
58 69.4 55.8 83.8
43 25.8 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





#3

Pvridine

Concen: 32.304 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

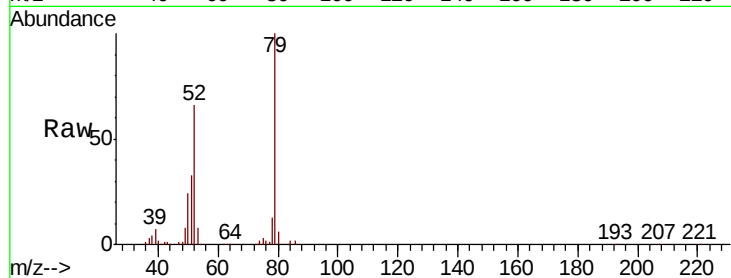
Tot Ion: 79 Resp: 146397

Ion Ratio Lower Upper

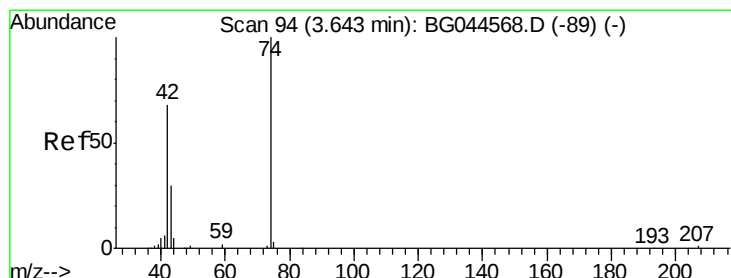
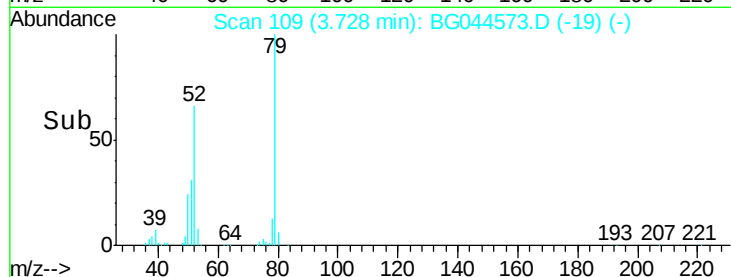
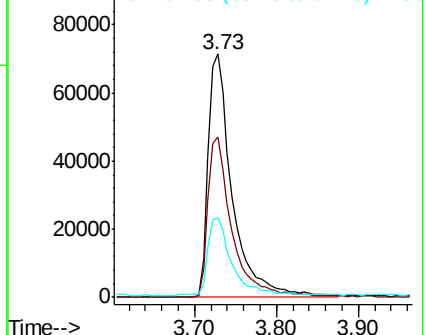
79 100

52 65.9 53.7 80.5

51 32.7 25.4 38.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.115 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

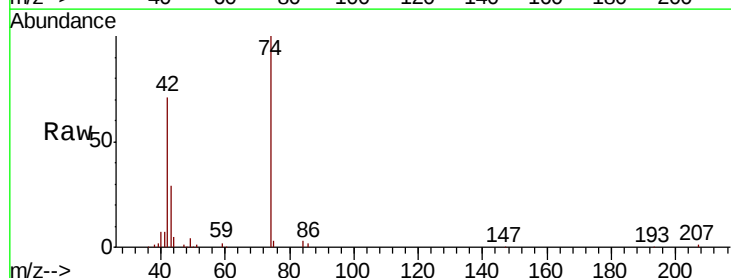
Tgt Ion: 42 Resp: 65605

Ion Ratio Lower Upper

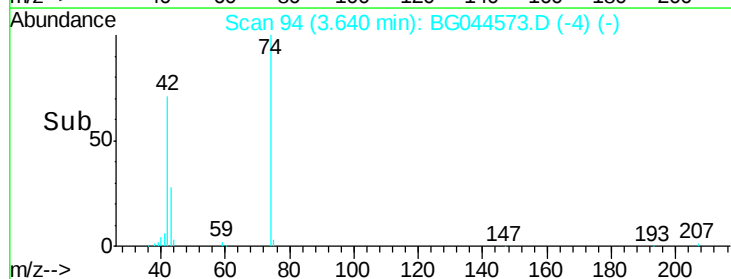
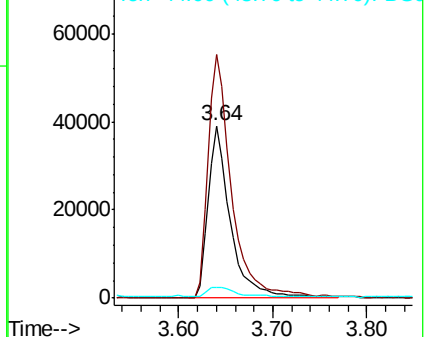
42 100

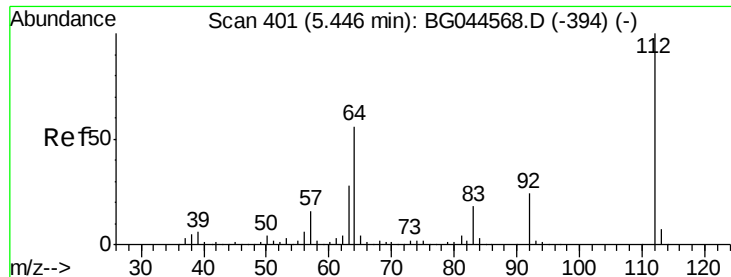
74 141.1 117.6 176.4

44 6.4 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: 71.779 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

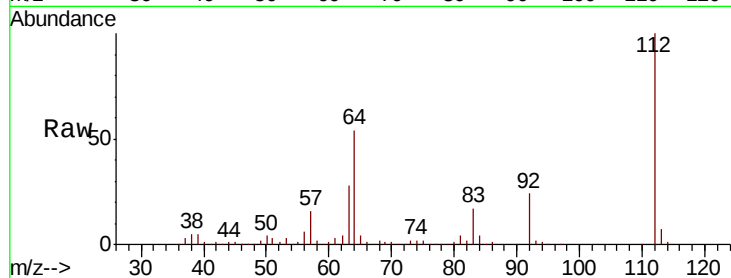
Tot Ion:112 Resp: 267161

Ion Ratio Lower Upper

112 100

64 53.6 44.8 67.2

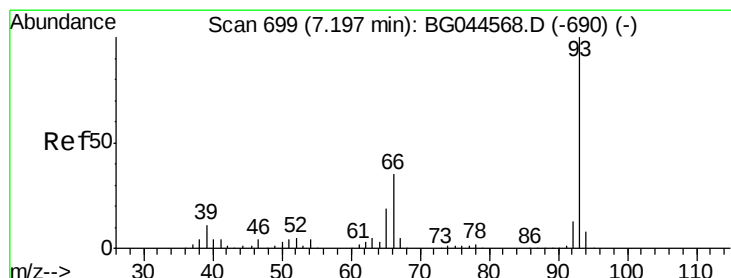
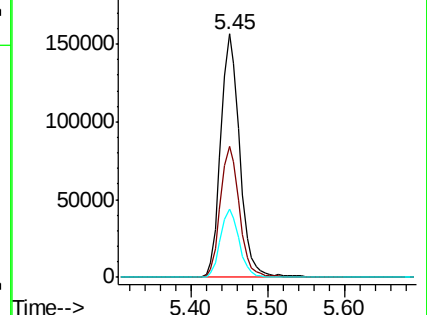
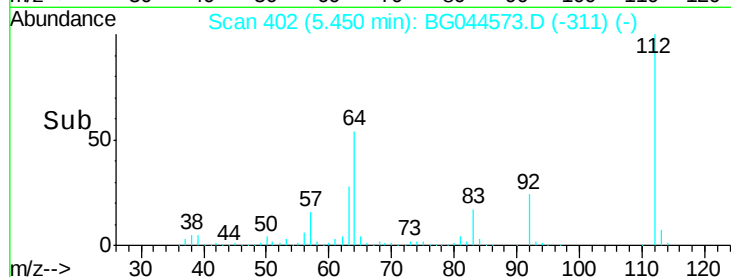
63 28.2 22.3 33.5



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: 40.381 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

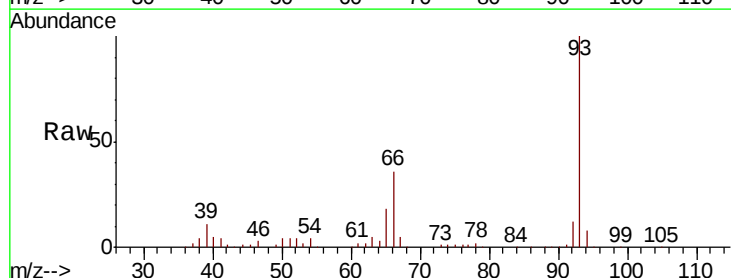
Tgt Ion: 93 Resp: 250474

Ion Ratio Lower Upper

93 100

66 36.1 27.8 41.8

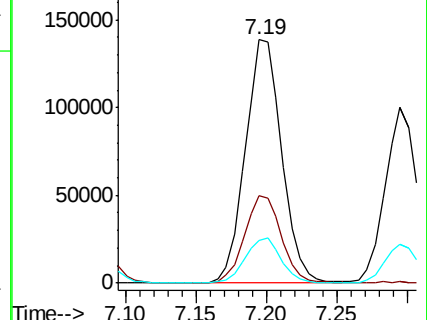
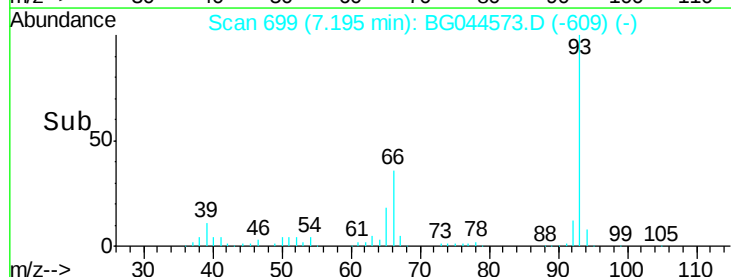
65 17.6 14.9 22.3

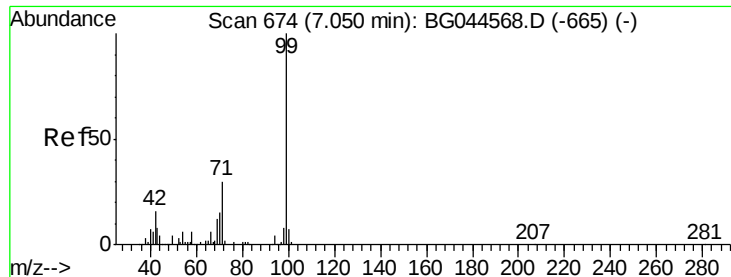


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.660 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

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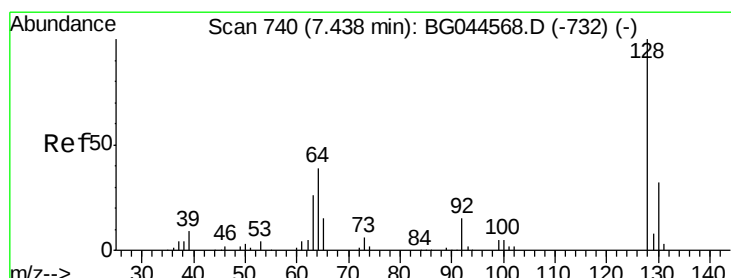
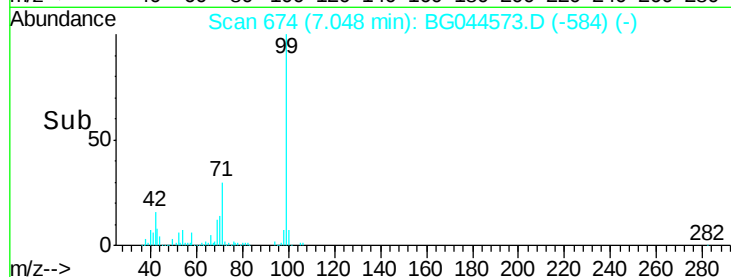
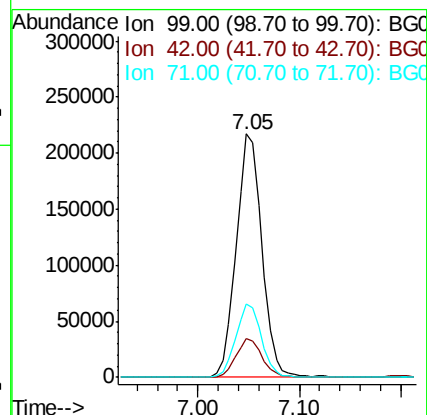
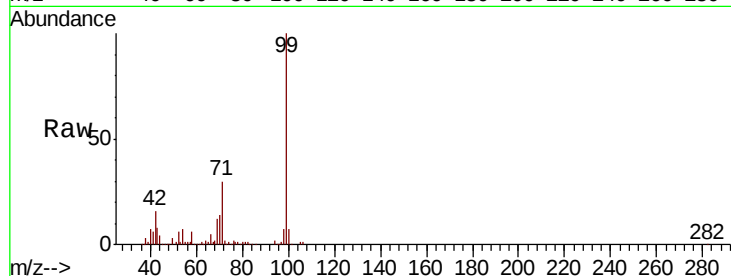
Tot Ion: 99 Resp: 380367

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

71 30.2 24.4 36.6



#8

2-Chlorophenol

Concen: 39.505 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

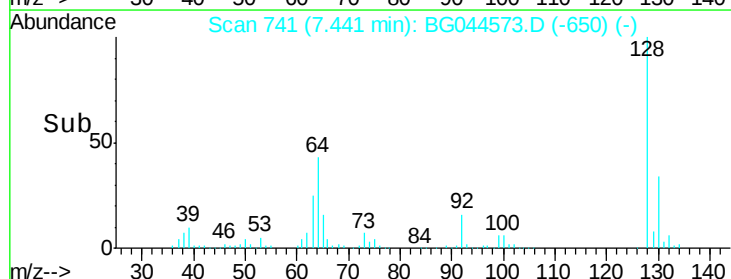
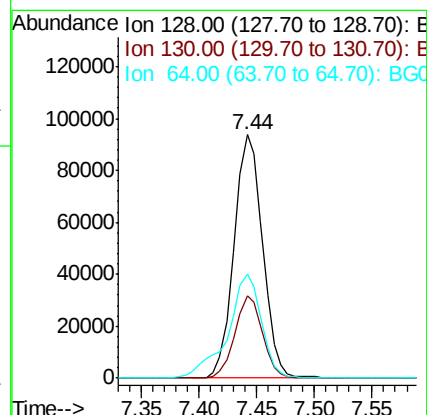
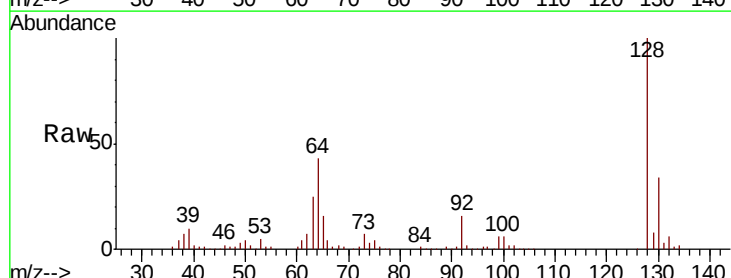
Tgt Ion: 128 Resp: 160508

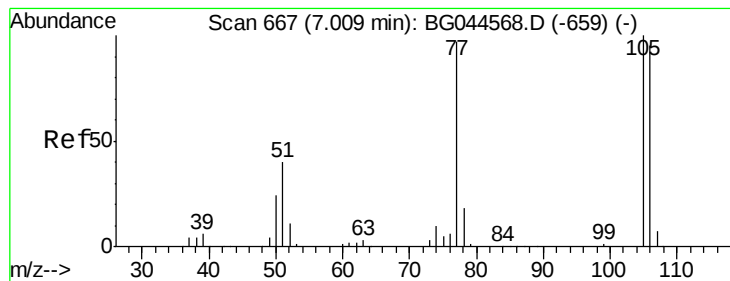
Ion Ratio Lower Upper

128 100

130 34.0 12.3 52.3

64 42.9 22.5 62.5





#9

Benzaldehyde

Concen: 38.903 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

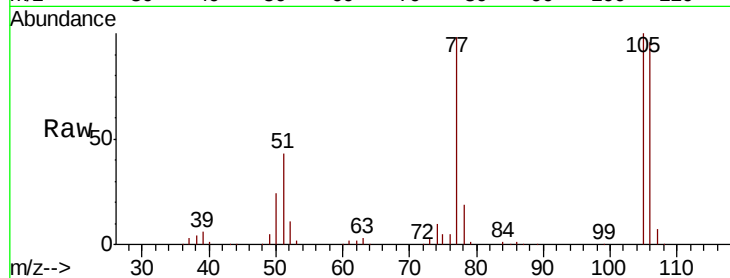
Tot Ion: 77 Resp: 116546

Ion Ratio Lower Upper

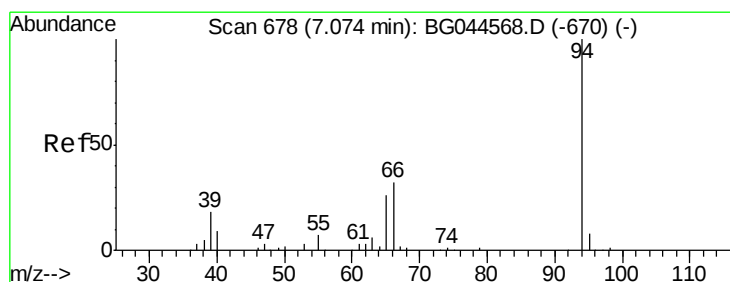
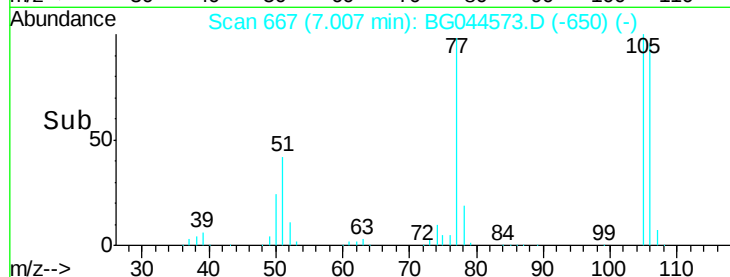
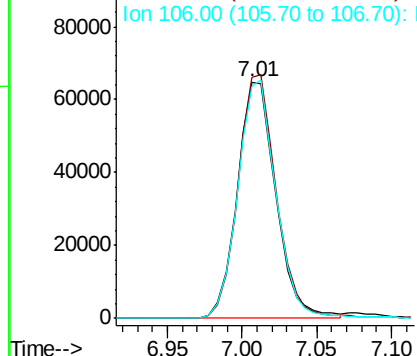
77 100

105 102.0 83.6 123.6

106 98.2 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.930 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

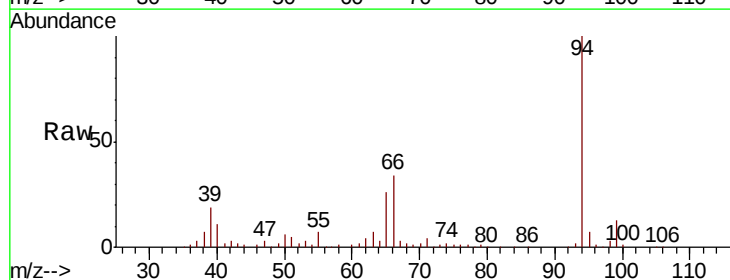
Tgt Ion: 94 Resp: 197140

Ion Ratio Lower Upper

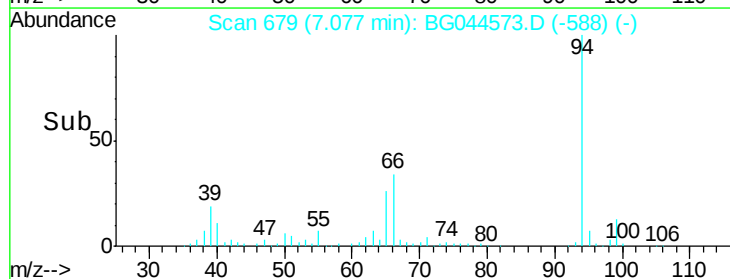
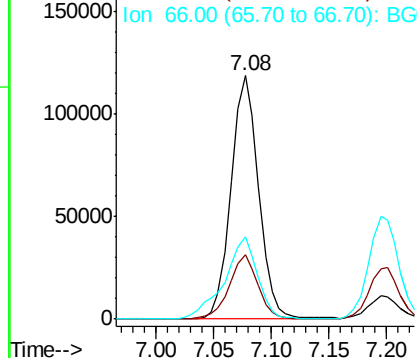
94 100

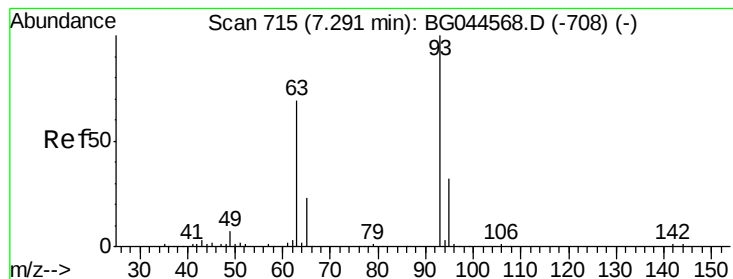
65 26.2 6.4 46.4

66 33.6 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



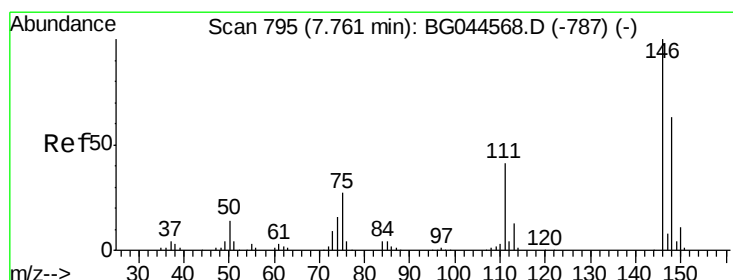
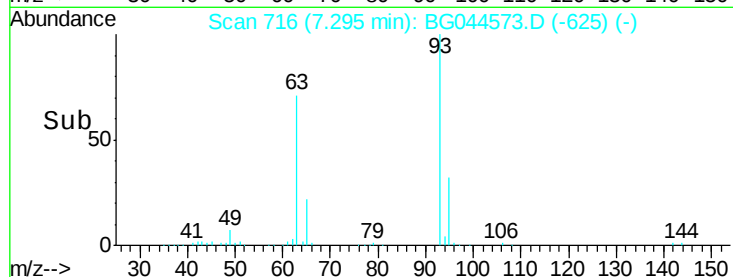
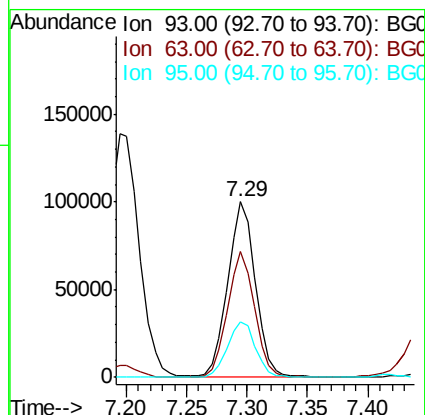
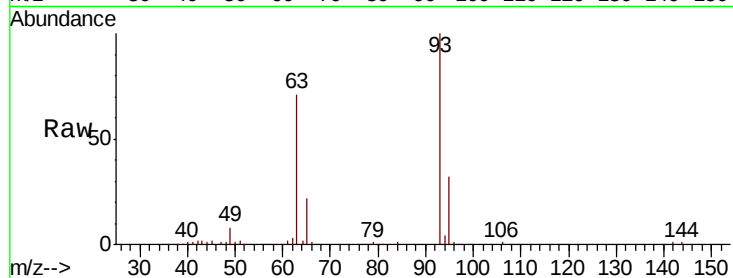


#11

bis(2-Chloroethyl)ether
Concen: 38.032 ng
RT: 7.29 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
ICVBG022420

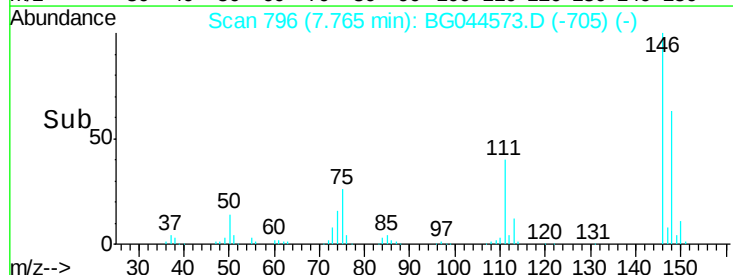
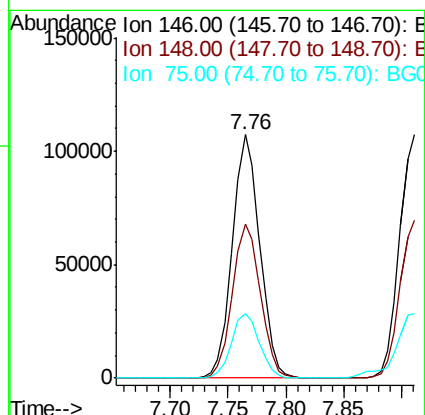
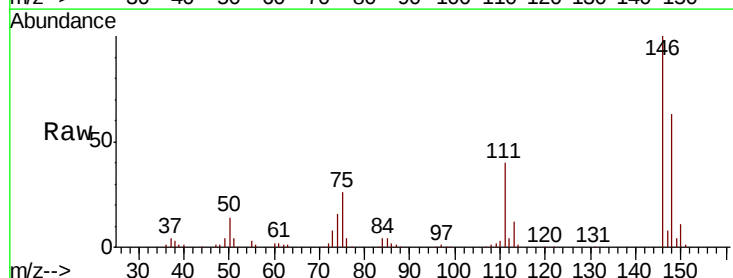
Tot Ion: 93 Resp: 157852
Ion Ratio Lower Upper
93 100
63 71.4 48.9 88.9
95 31.8 11.3 51.3

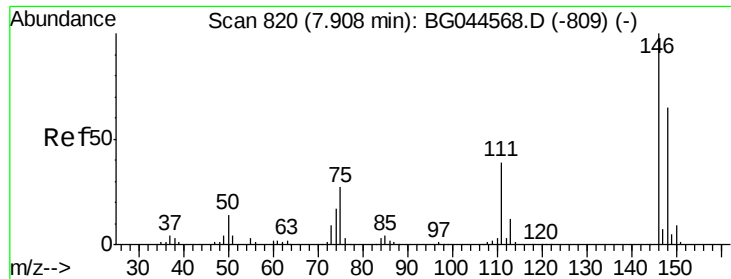


#12

1,3-Dichlorobenzene
Concen: 36.512 ng
RT: 7.76 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion: 146 Resp: 176934
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
75 26.5 21.4 32.0

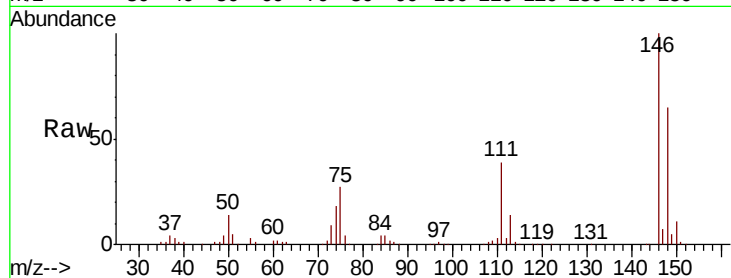




#13
 1,4-Dichlorobenzene
 Concen: 36.896 ng
 RT: 7.91 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	39.2	30.8	46.2

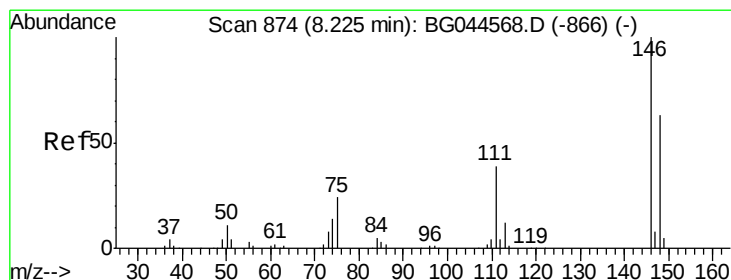
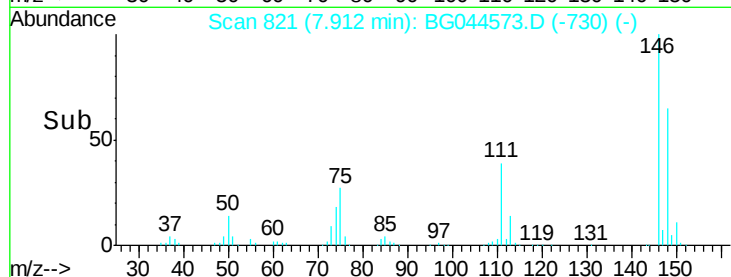
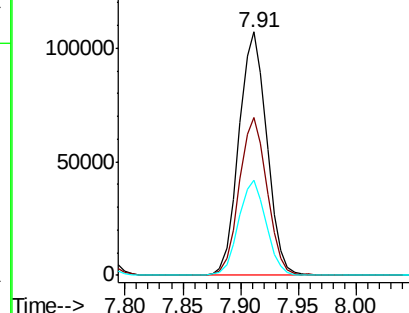


Abundance

Ion 146.00 (145.70 to 146.70): E

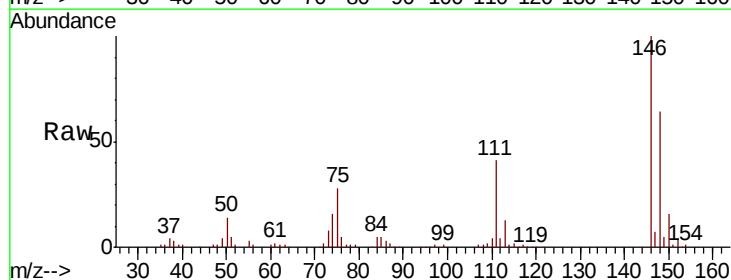
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.010 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.7	76.1
111	40.5	31.8	47.6

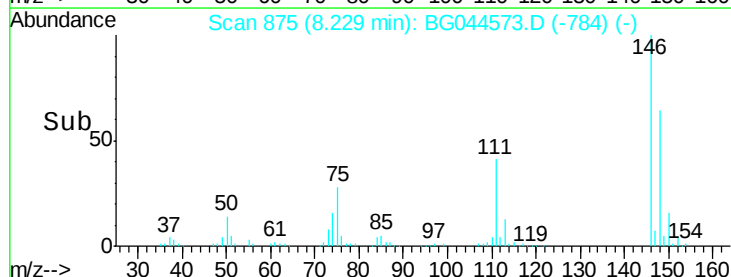
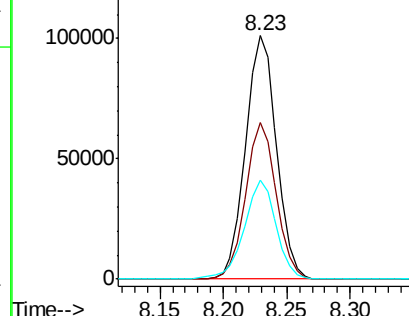


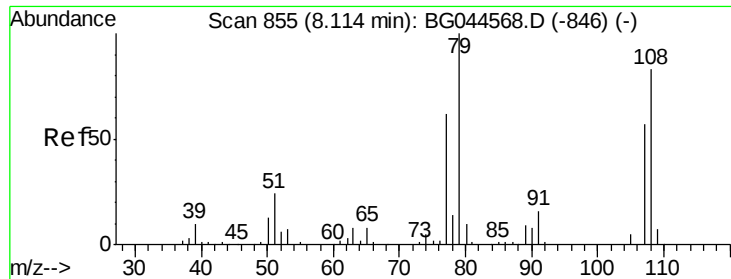
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.479 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

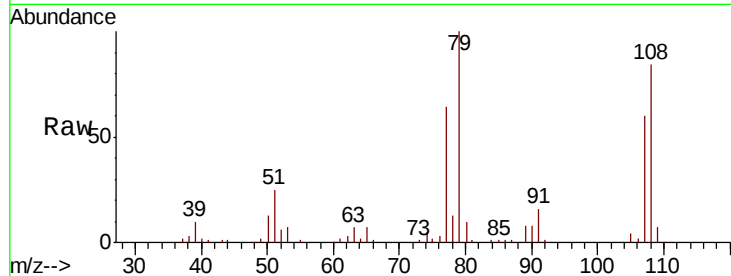
Tot Ion: 79 Resp: 139082

Ion Ratio Lower Upper

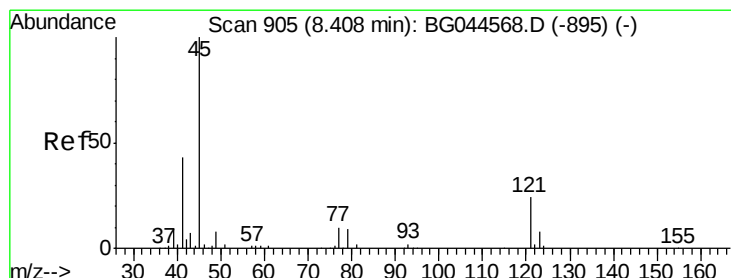
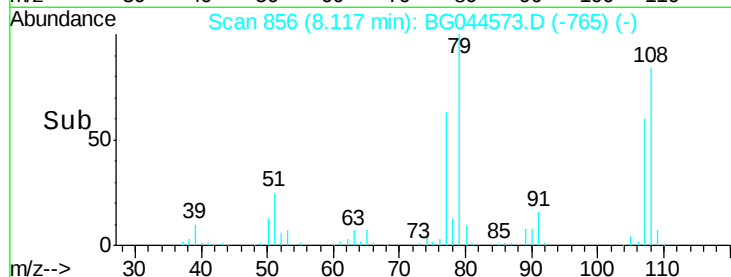
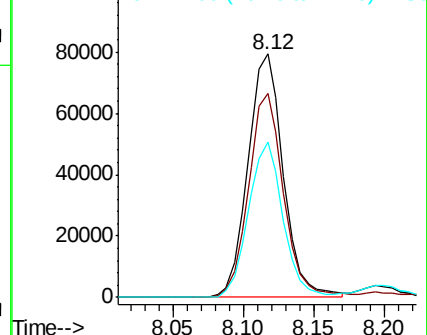
79 100

108 84.0 66.0 99.0

77 63.6 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.163 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

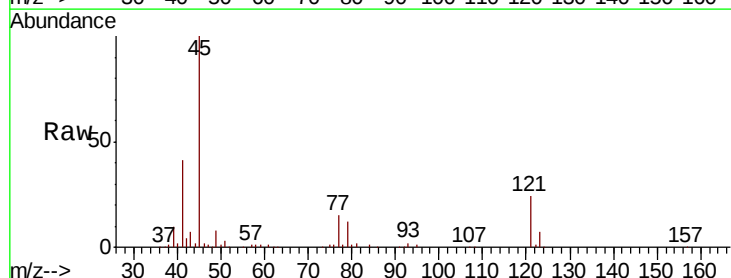
Tgt Ion: 45 Resp: 207295

Ion Ratio Lower Upper

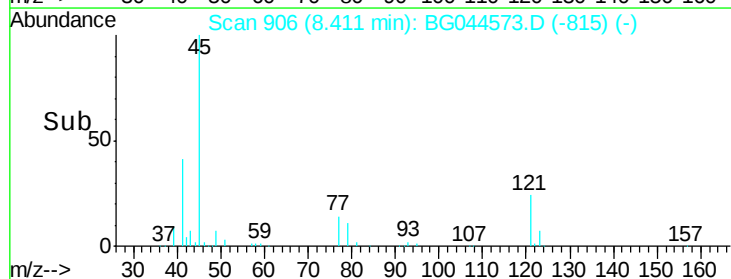
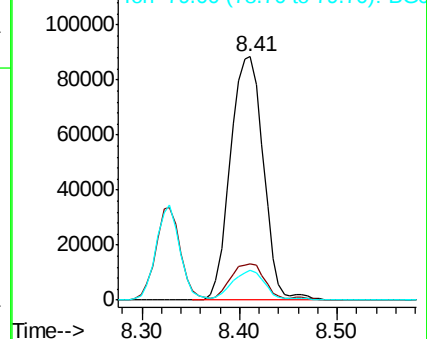
45 100

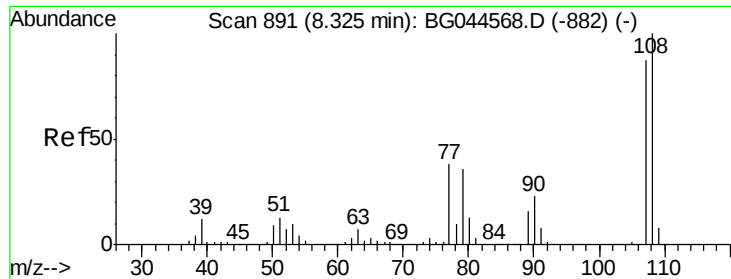
77 15.0 0.0 34.4

79 12.3 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

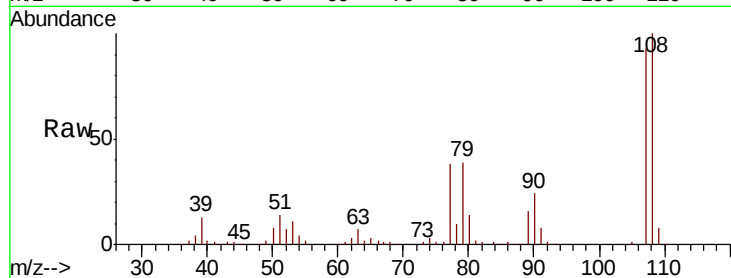




#17
2-Methylphenol
Concen: 40.073 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
ICVBG022420

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.5	91.7	137.5
77	40.5	35.1	52.7
79	41.4	33.2	49.8



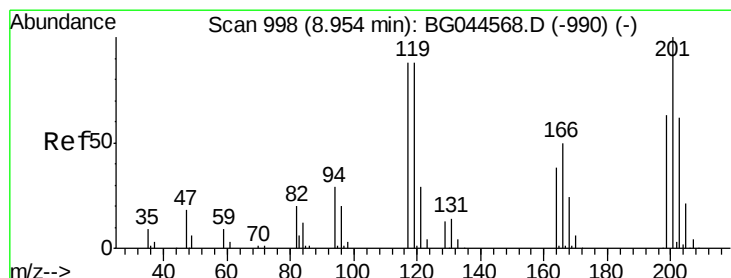
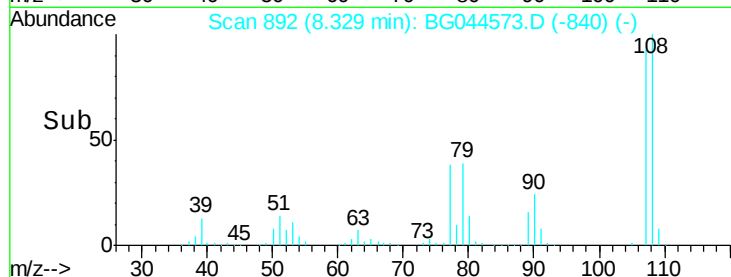
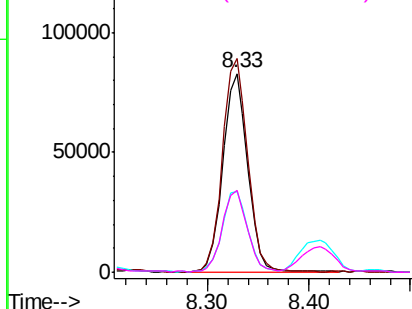
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

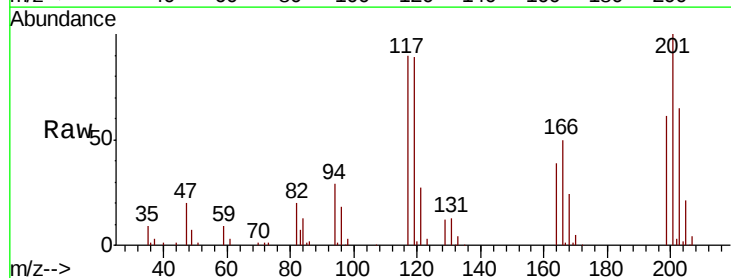
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.793 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	80.0	120.0
201	111.4	90.5	135.7

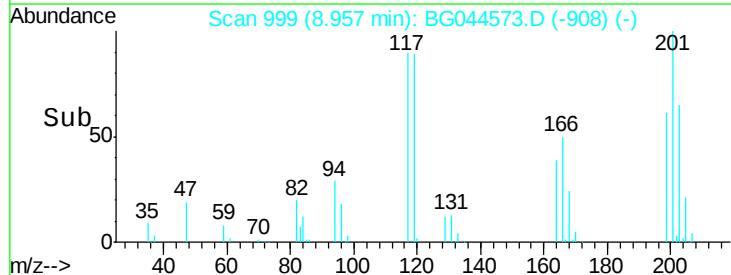
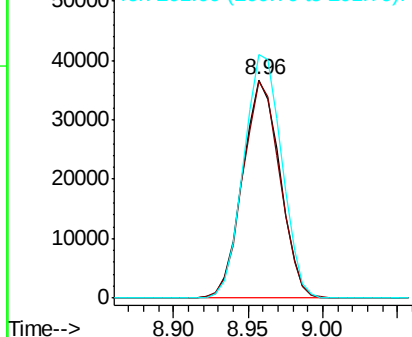


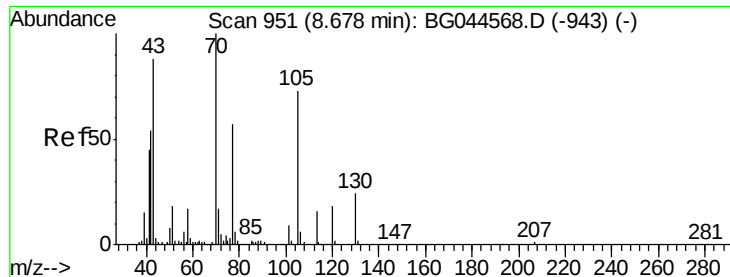
Abundance

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

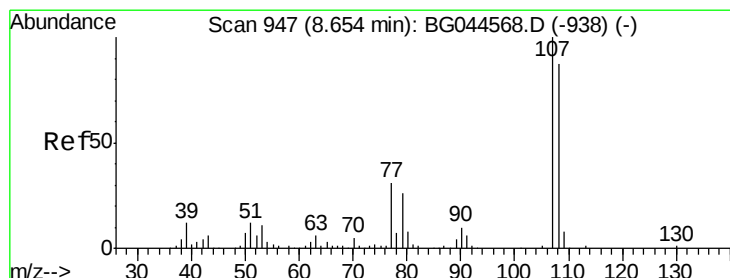
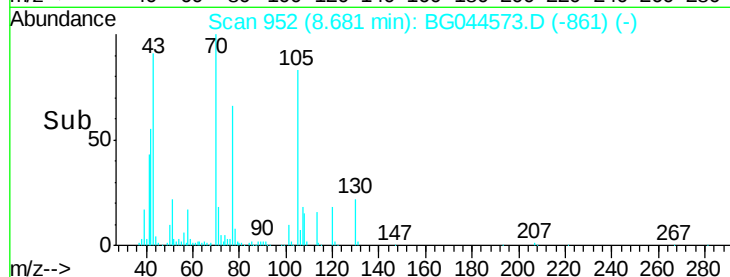
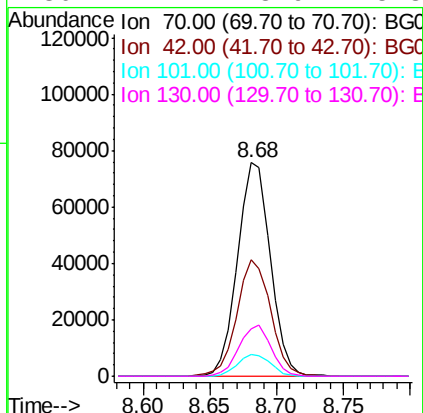
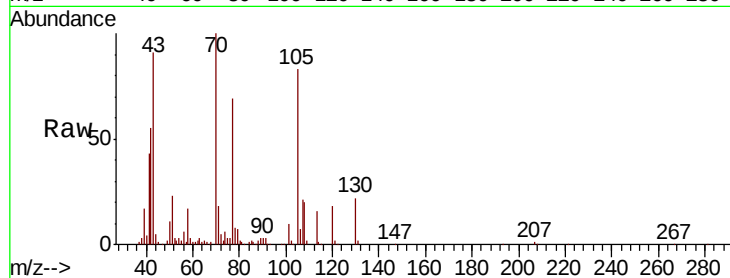




#19
n-Nitroso-di-n-propylamine
Concen: 39.473 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

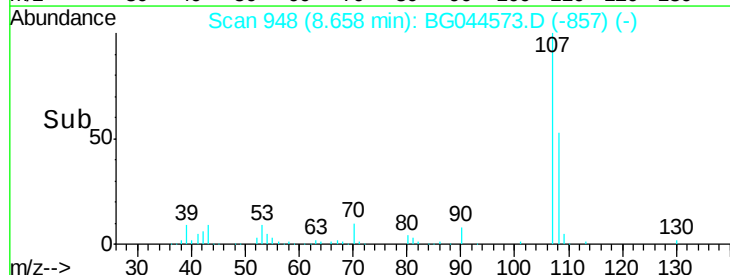
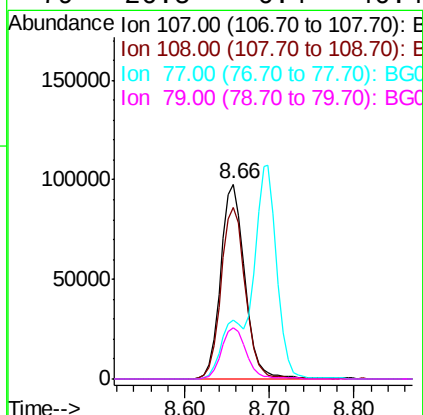
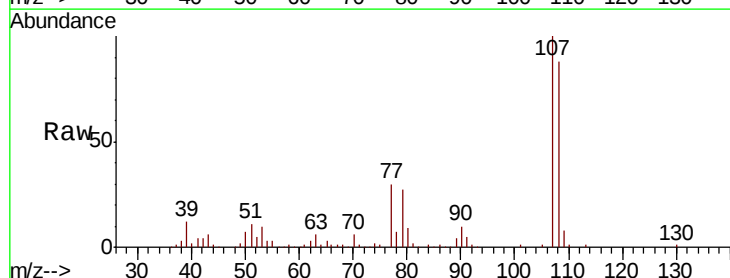
Instrument :
BNA_G
ClientSampleId :
ICVBG022420

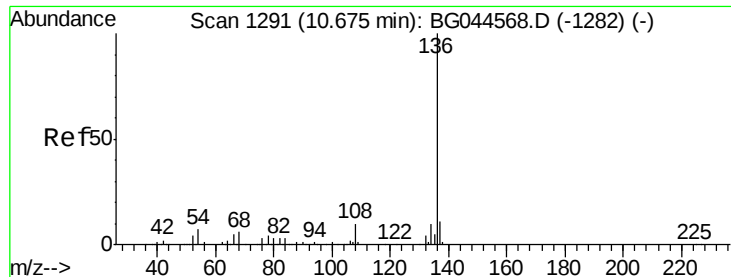
Tot Ion:	70	Resp:	129266
Ion	Ratio	Lower	Upper
70	100		
42	54.8	43.4	65.0
101	10.0	7.5	11.3
130	22.4	18.9	28.3



#20
3+4-Methylphenols
Concen: 40.198 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion:	107	Resp:	194109
Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.5	107.5
77	30.3	11.3	51.3
79	26.5	6.4	46.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

Tot Ion:136 Resp: 251323

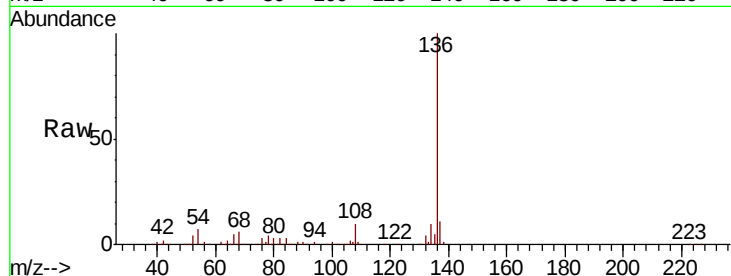
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.7 8.5

68 5.6 4.5 6.7

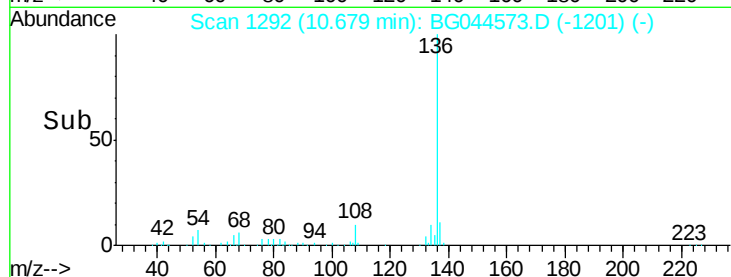


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

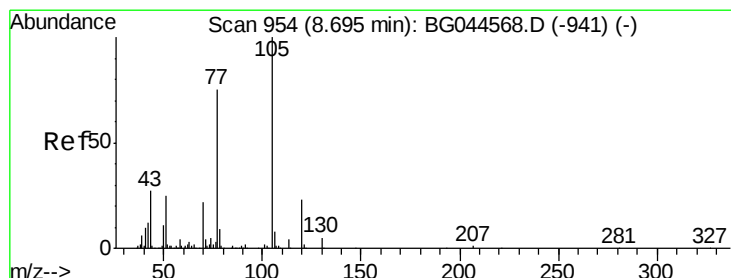
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.68



#22

Acetophenone

Concen: 41.522 ng

RT: 8.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Tgt Ion:105 Resp: 262001

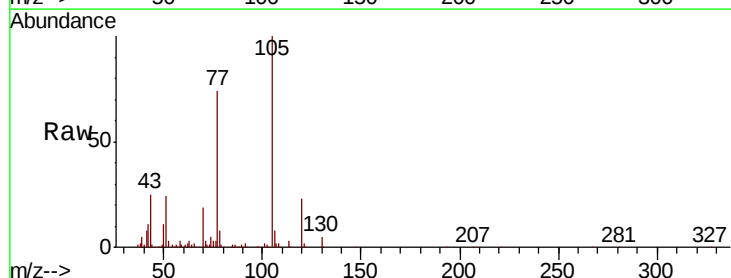
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 23.9 19.9 29.9

120 23.1 18.6 28.0

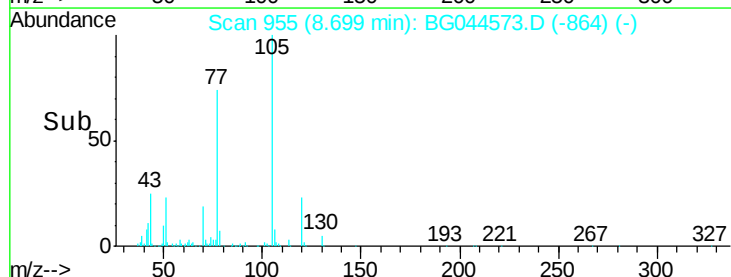


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

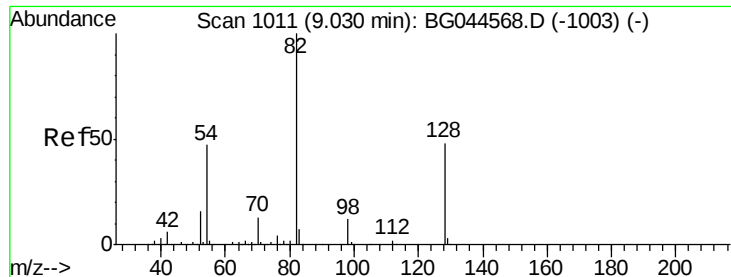
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

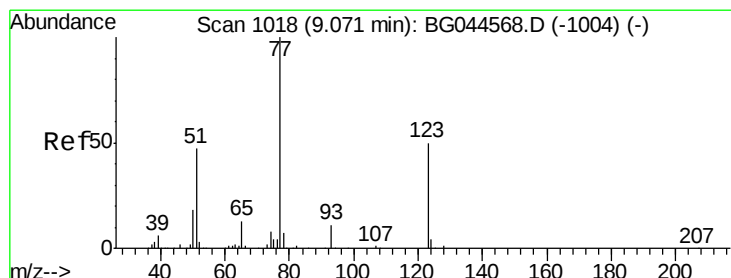
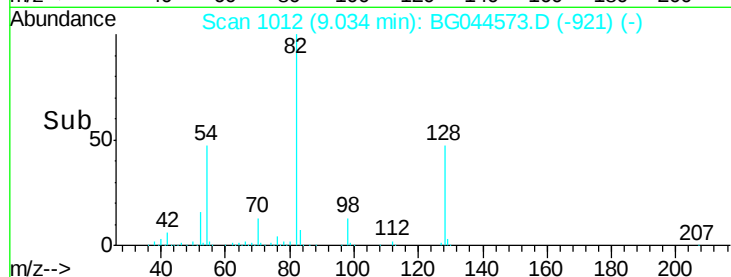
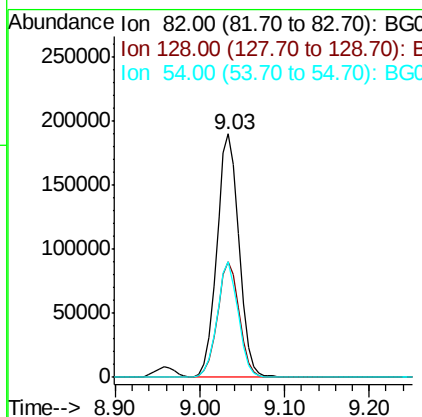
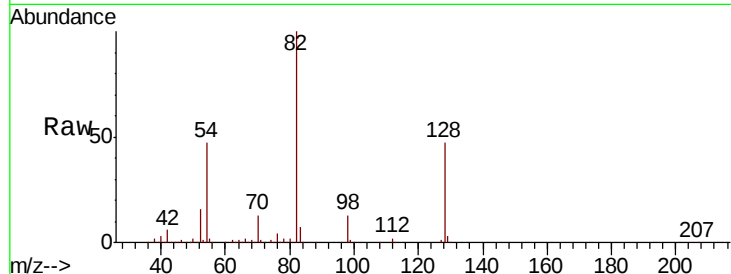
8.70



#23
 Nitrobenzene-d5
 Concen: 70.962 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

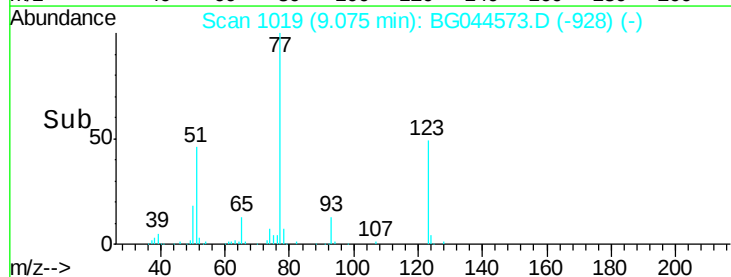
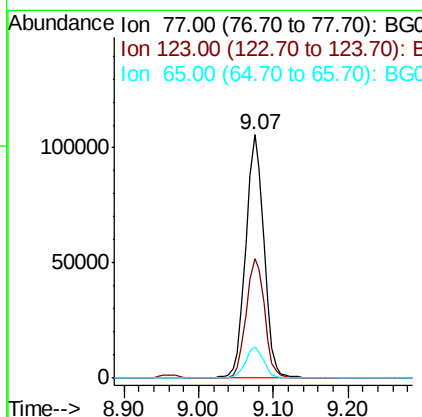
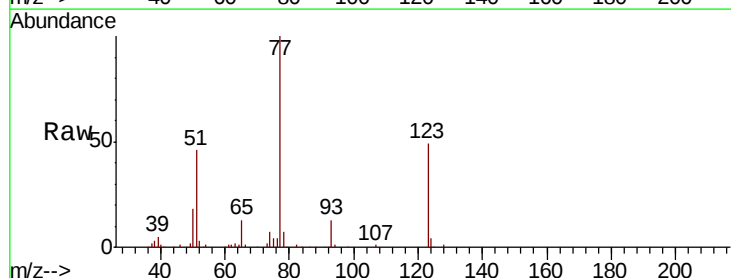
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

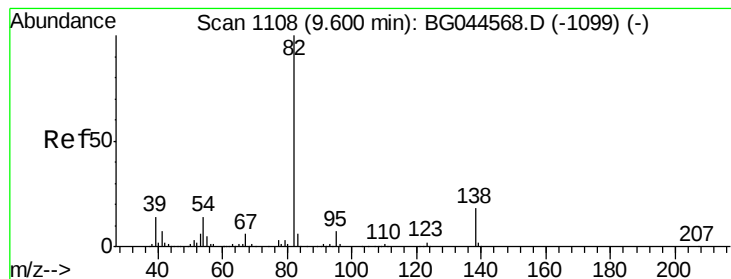
Tot Ion	82	Resp	346173
Ion Ratio	Lower	Upper	
82	100		
128	47.3	38.1	57.1
54	47.4	37.5	56.3



#24
 Nitrobenzene
 Concen: 38.006 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion	77	Resp	179626
Ion Ratio	Lower	Upper	
77	100		
123	49.1	40.1	60.1
65	12.5	10.4	15.6





#25

Isophorone

Concen: 39.835 ng

RT: 9.60 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

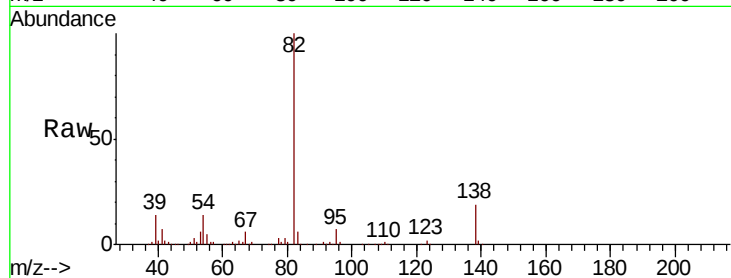
Tot Ion: 82 Resp: 363535

Ion Ratio Lower Upper

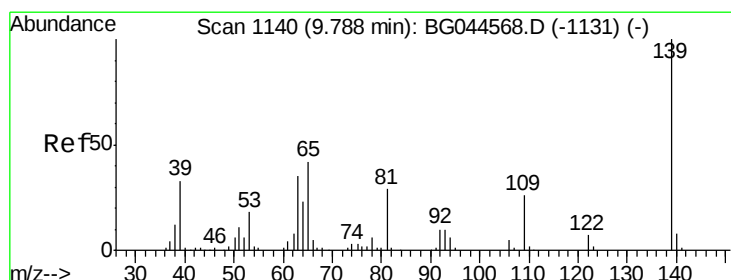
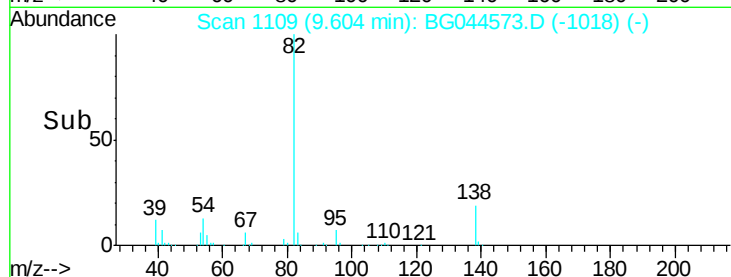
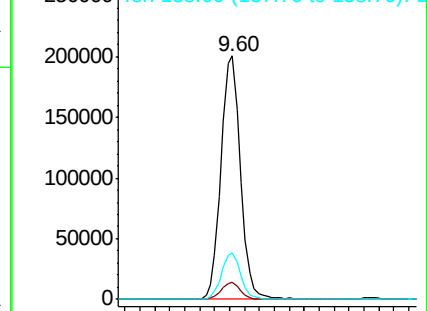
82 100

95 7.0 5.6 8.4

138 19.2 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 39.626 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

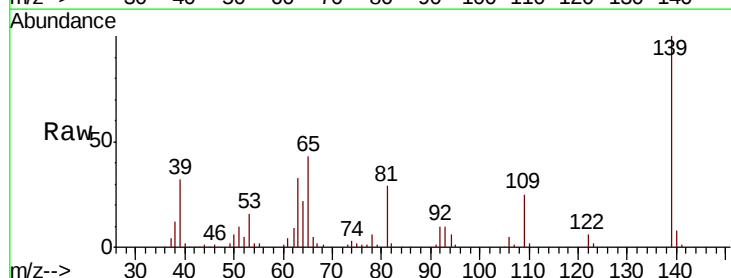
Tgt Ion: 139 Resp: 101567

Ion Ratio Lower Upper

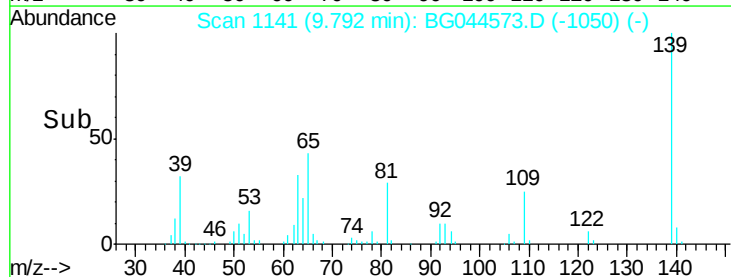
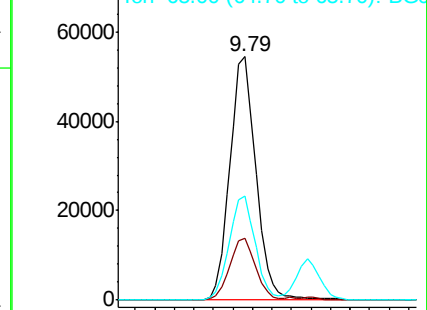
139 100

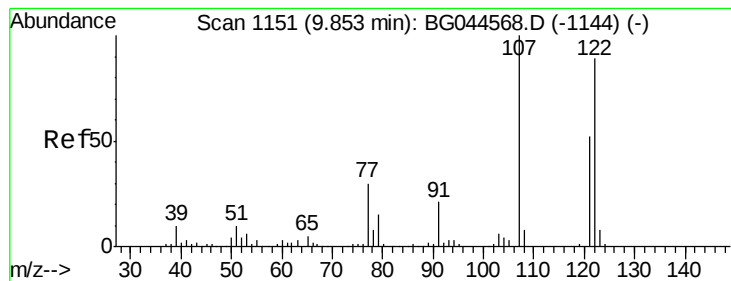
109 25.5 20.6 31.0

65 42.8 33.3 49.9



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

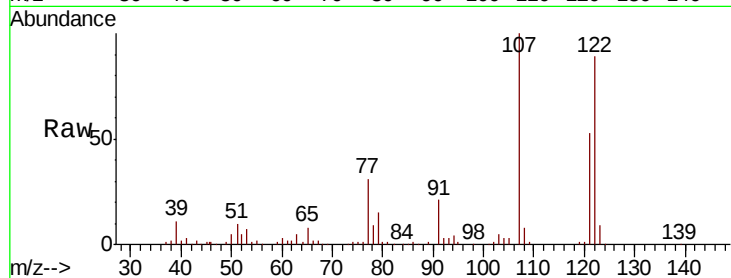




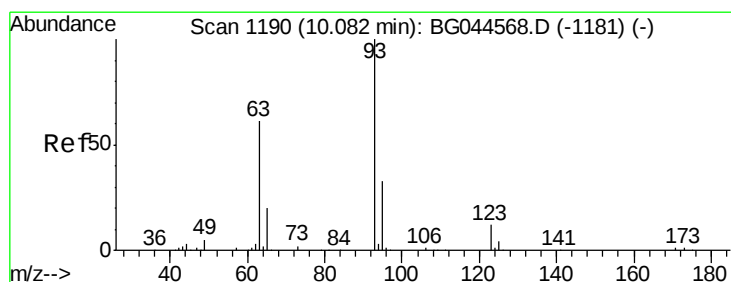
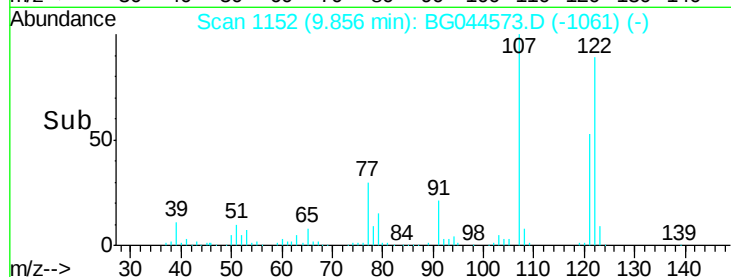
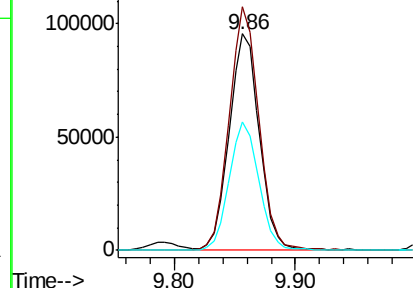
#27
 2,4-Dimethylphenol
 Concen: 45.757 ng
 RT: 9.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

Tot Ion:	122	Resp:	164673
Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.4	134.0
121	59.5	46.5	69.7

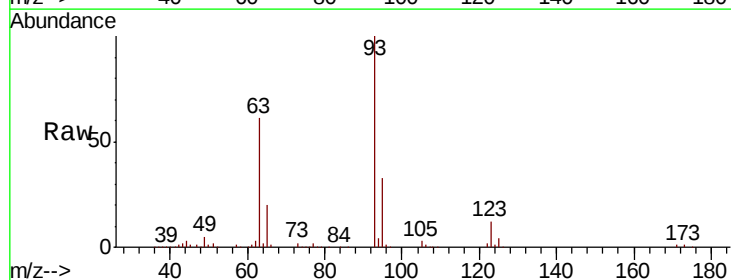


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

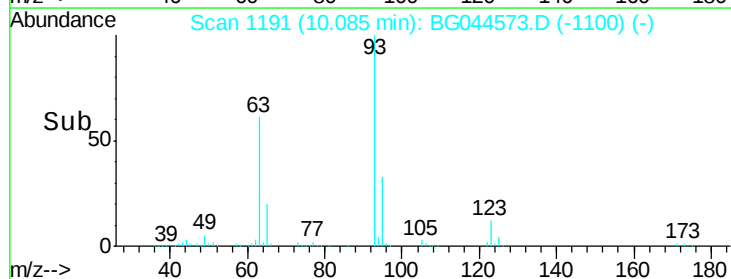
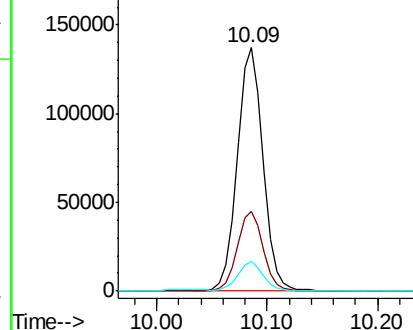


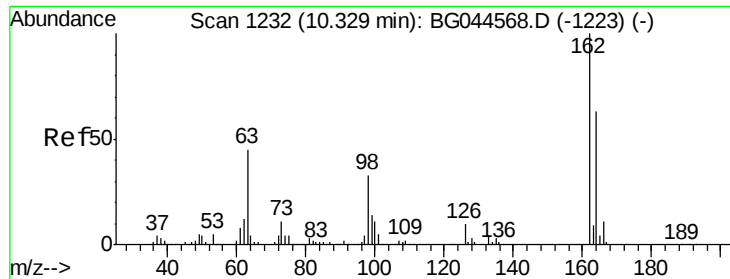
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.146 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion:	93	Resp:	224178
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	12.1	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

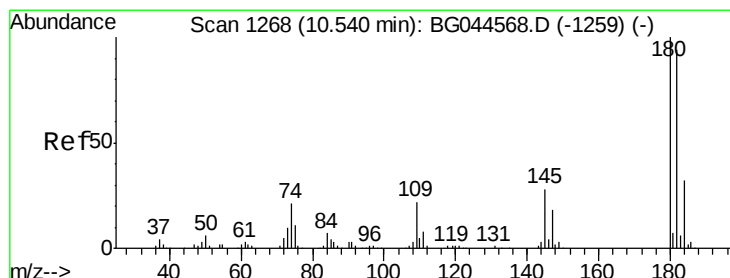
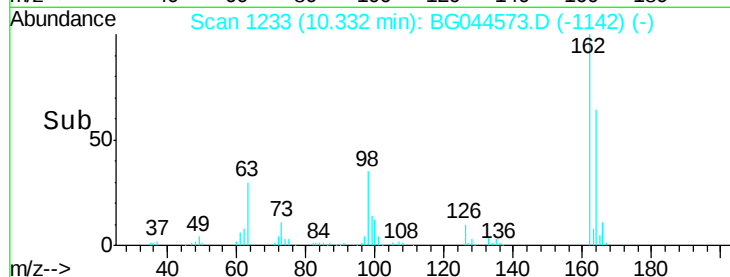
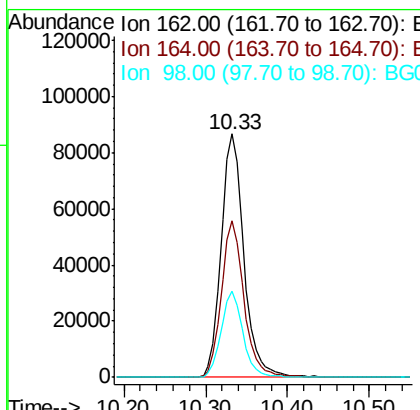
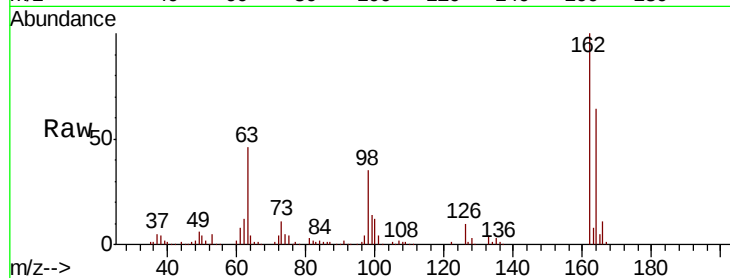




#29
 2,4-Dichlorophenol
 Concen: 39.075 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

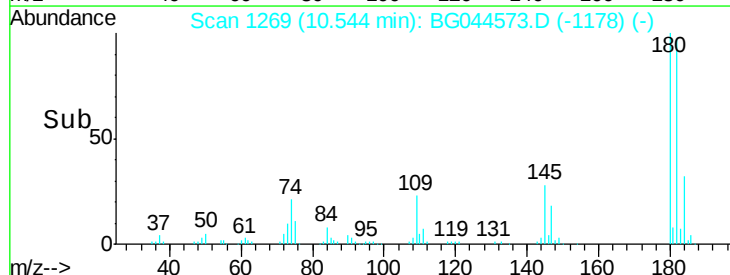
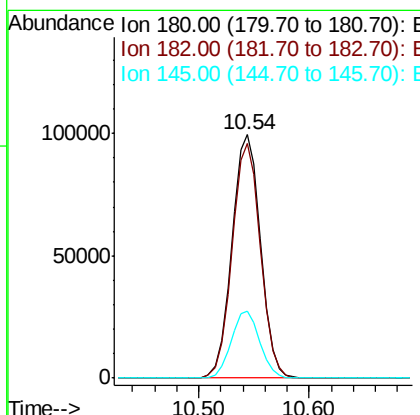
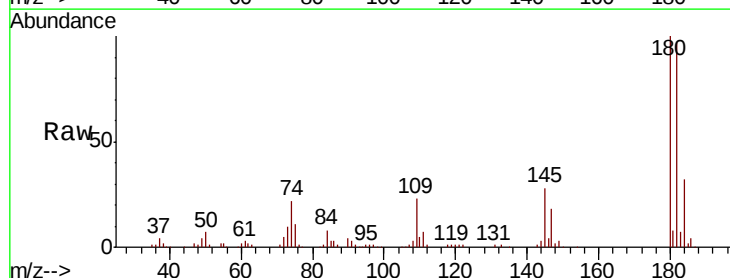
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

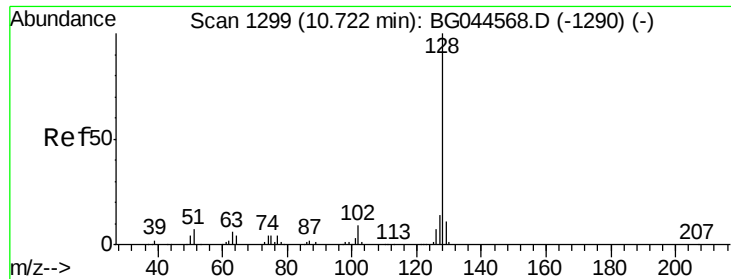
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.2	83.2
98	35.2	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 36.202 ng
 RT: 10.54 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.6	113.4
145	27.6	22.2	33.2

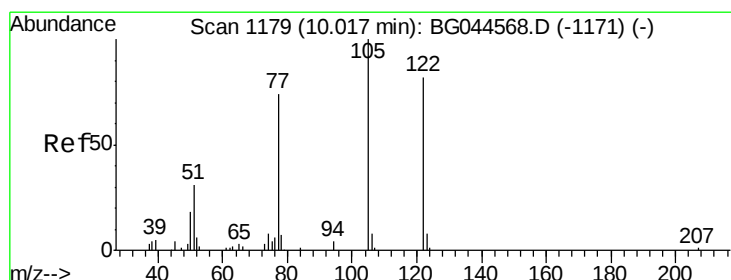
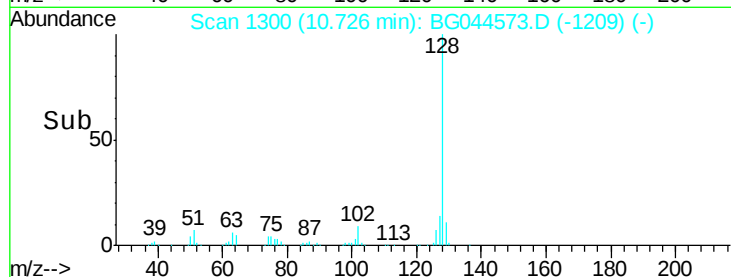
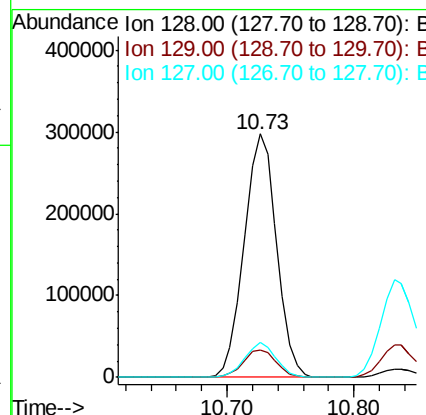
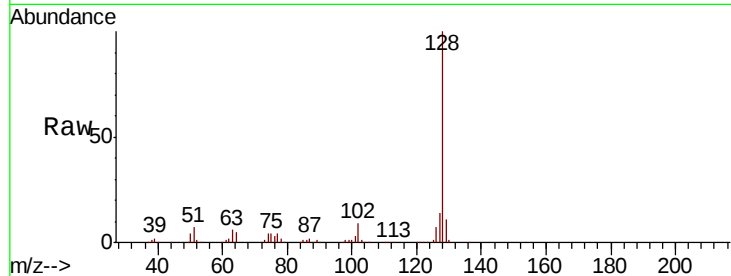




#31
Naphthalene
Concen: 38.421 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

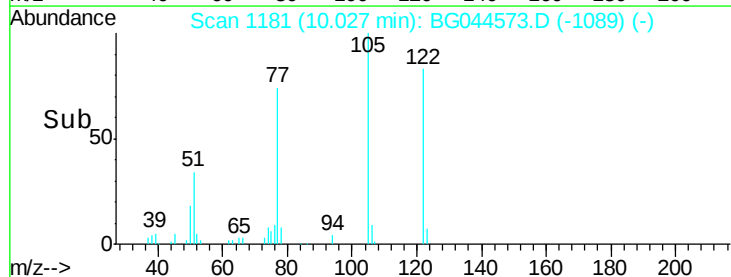
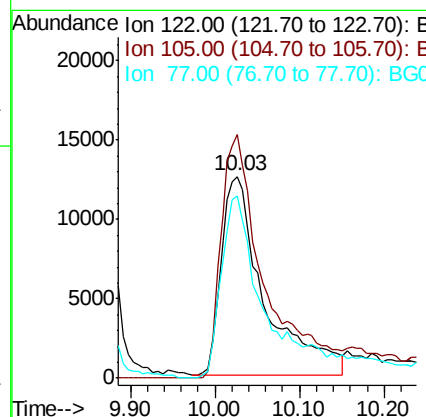
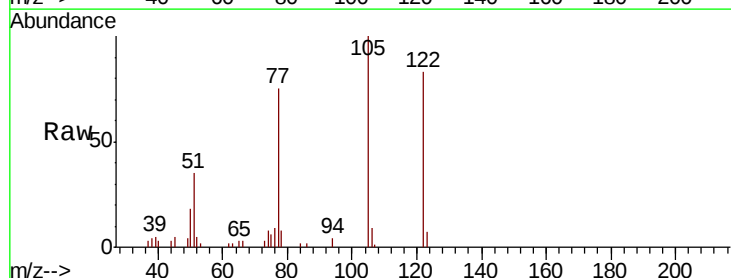
Instrument :
BNA_G
ClientSampleId :
ICVBG022420

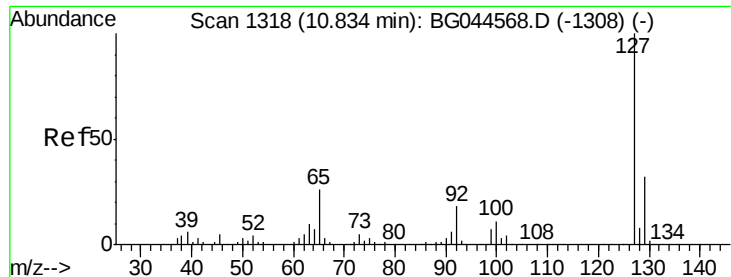
Tot	Ion:128	Resp:	526897
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.3	11.0	16.4



#32
Benzoic acid
Concen: 39.695 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt	Ion:122	Resp:	44815
Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.4	141.4
77	90.2	69.8	109.8

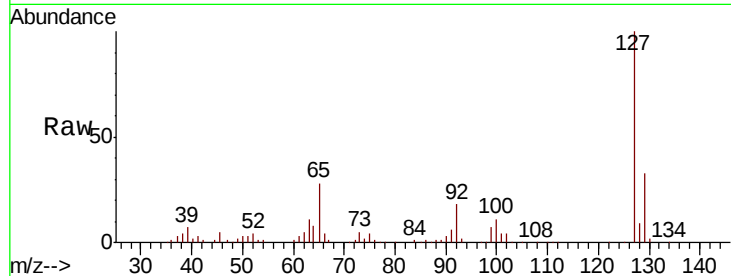




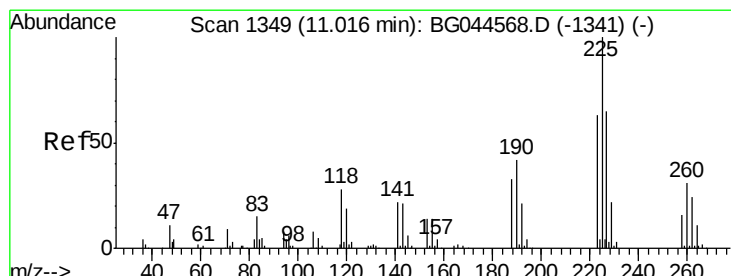
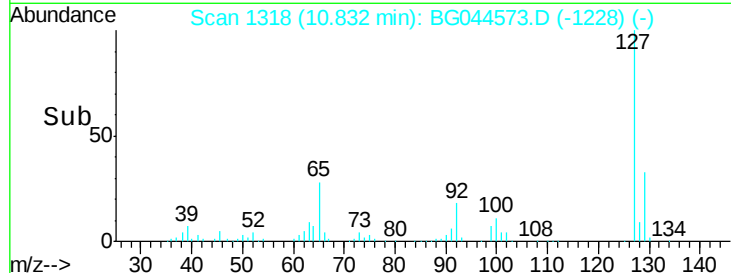
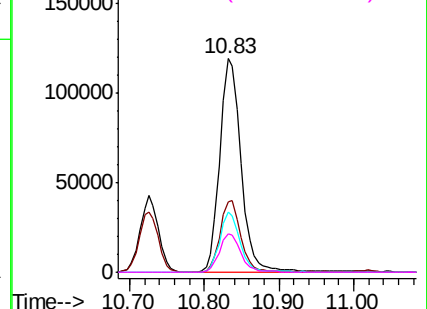
#33
4-Chloroaniline
Concen: 39.273 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
ICVBG022420

Tot Ion:	127	Resp:	237215
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	28.0	20.7	31.1
92	18.2	14.2	21.2

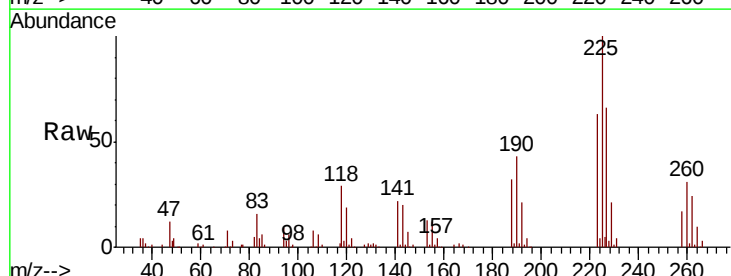


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

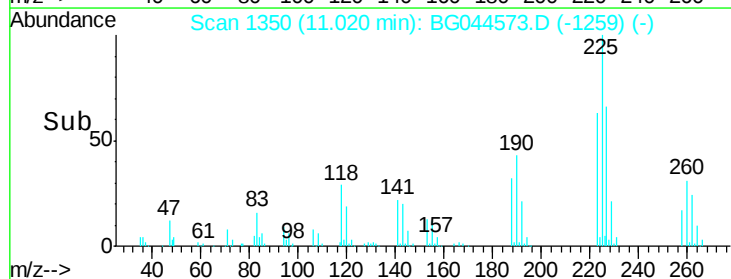
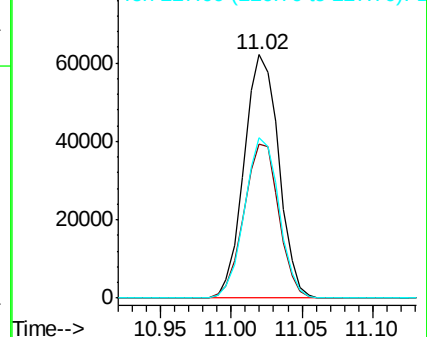


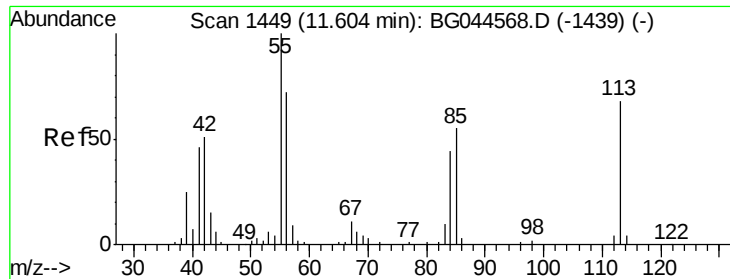
#34
Hexachlorobutadiene
Concen: 34.365 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion:	225	Resp:	107388
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	66.0	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: 40.288 ng

RT: 11.61 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

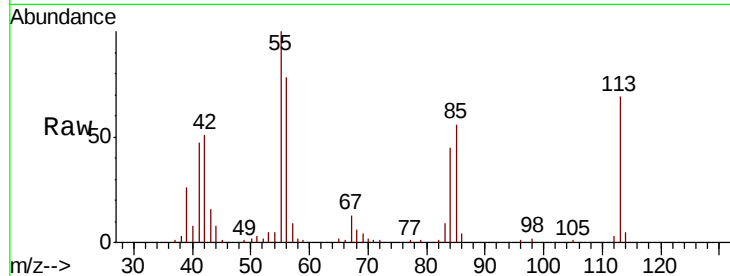
Tot Ion:113 Resp: 62055

Ion Ratio Lower Upper

113 100

55 145.0 127.8 167.8

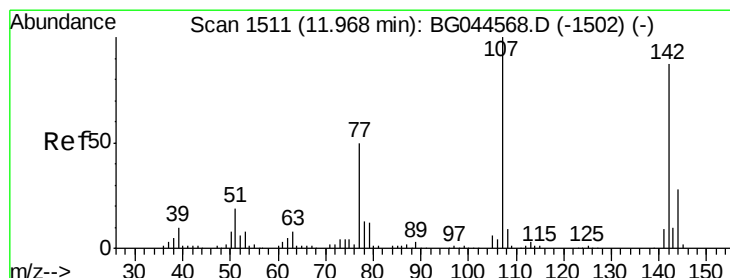
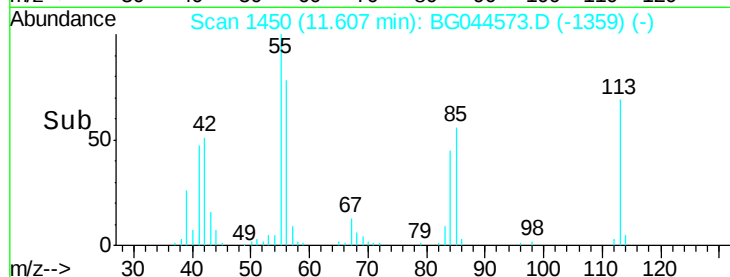
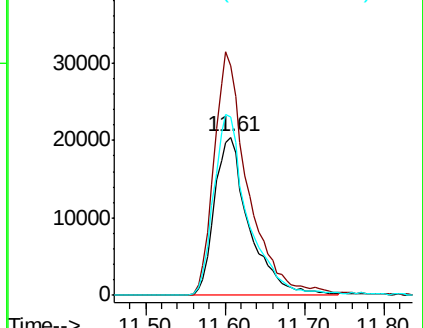
56 112.8 86.9 126.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.623 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

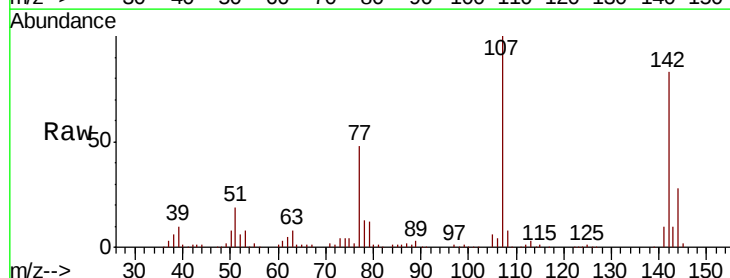
Tgt Ion:107 Resp: 179916

Ion Ratio Lower Upper

107 100

144 28.3 22.3 33.5

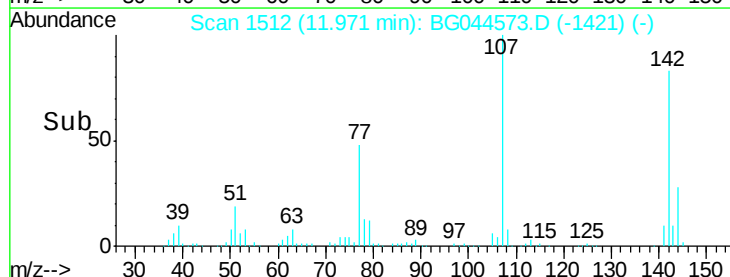
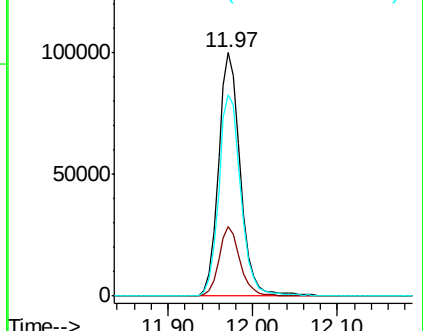
142 83.0 69.3 103.9

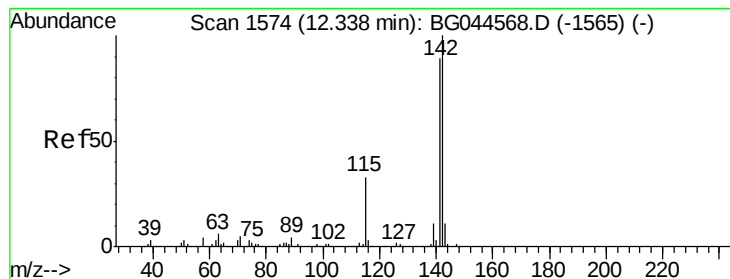


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.501 ng

RT: 12.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

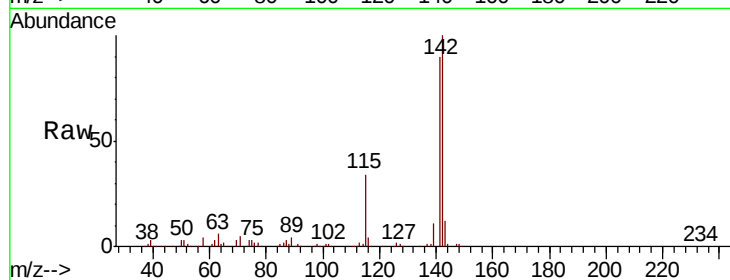
Tot Ion:142 Resp: 400359

Ion Ratio Lower Upper

142 100

141 89.9 71.3 106.9

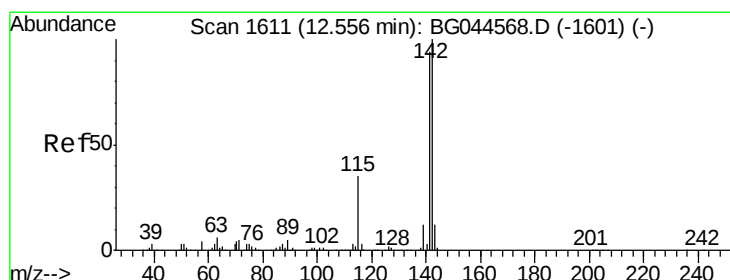
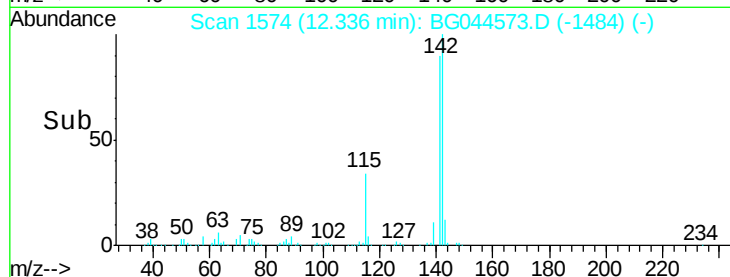
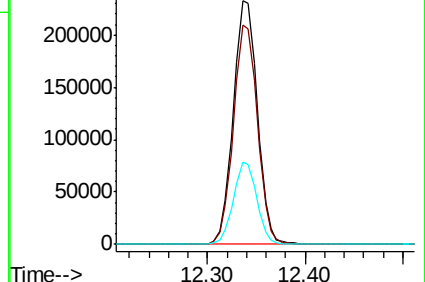
115 33.6 26.2 39.2



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: 38.684 ng

RT: 12.56 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

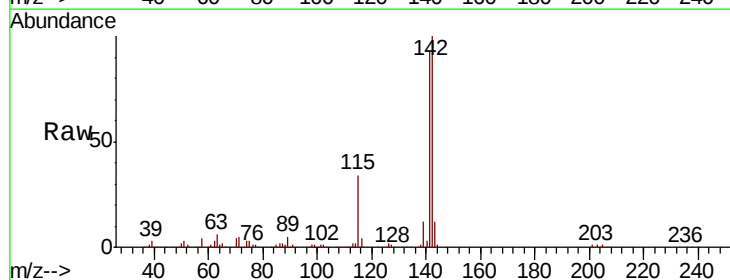
Tgt Ion:142 Resp: 372546

Ion Ratio Lower Upper

142 100

141 93.0 75.1 112.7

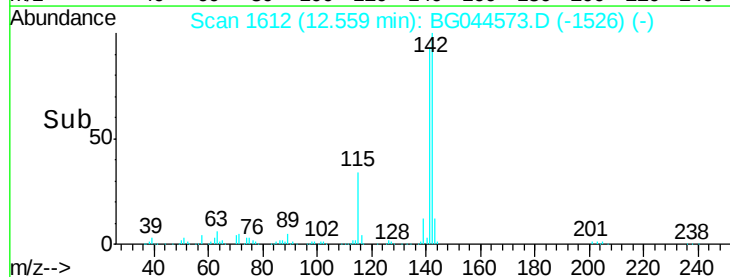
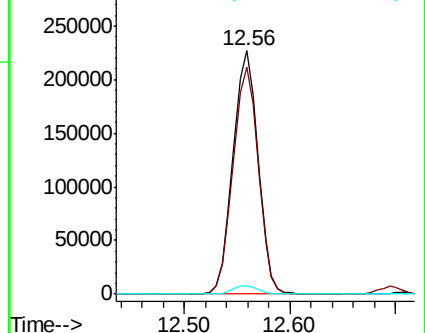
116 3.6 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

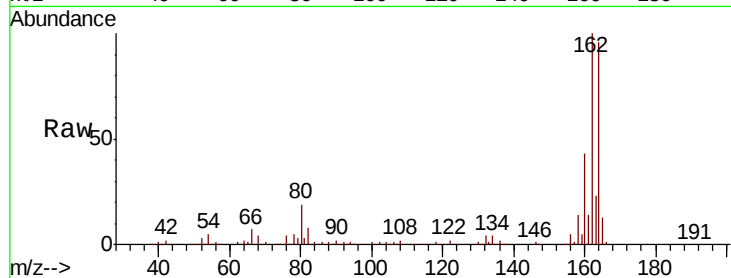
Tot Ion:164 Resp: 168978

Ion Ratio Lower Upper

164 100

162 104.4 83.6 125.4

160 45.3 36.2 54.4

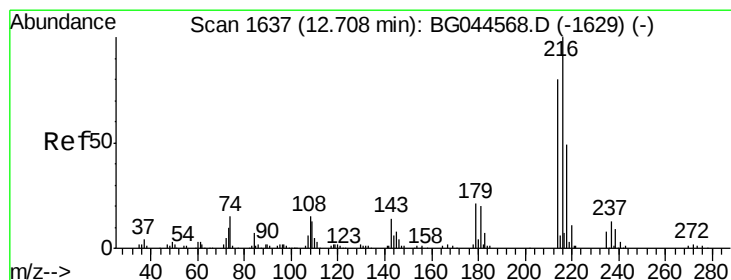
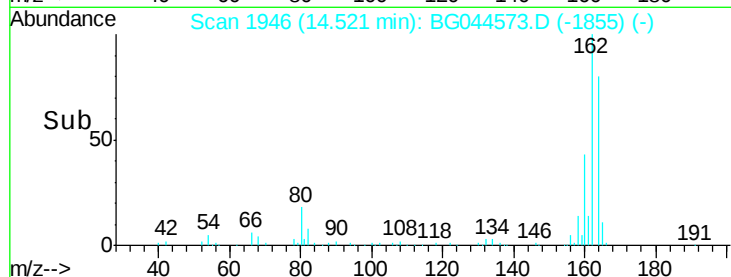
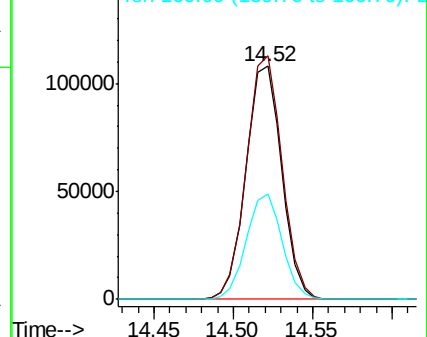


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.442 ng

RT: 12.71 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Tgt Ion:216 Resp: 218684

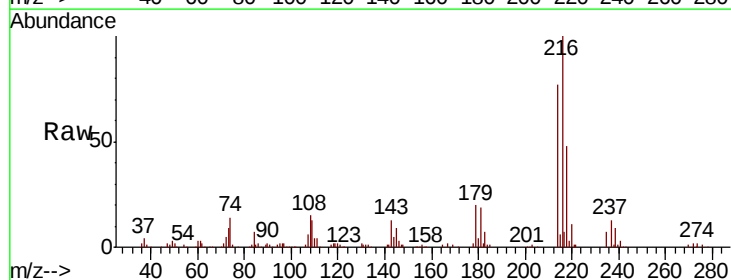
Ion Ratio Lower Upper

216 100

214 78.1 63.3 94.9

179 20.1 16.2 24.2

108 16.1 12.6 18.8



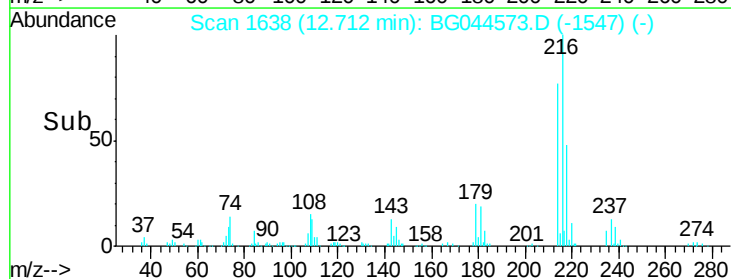
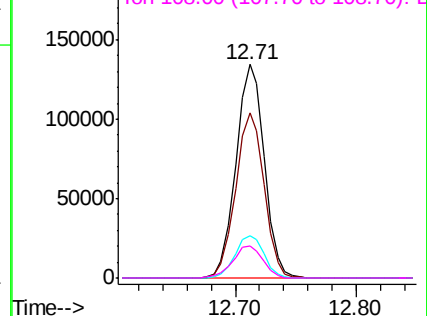
Abundance

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: 40.225 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

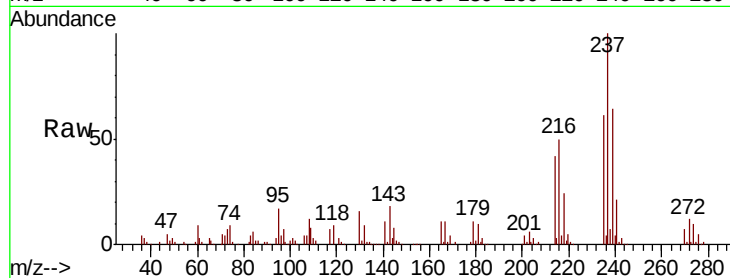
Tot Ion:237 Resp: 96084

Ion Ratio Lower Upper

237 100

235 60.7 40.7 80.7

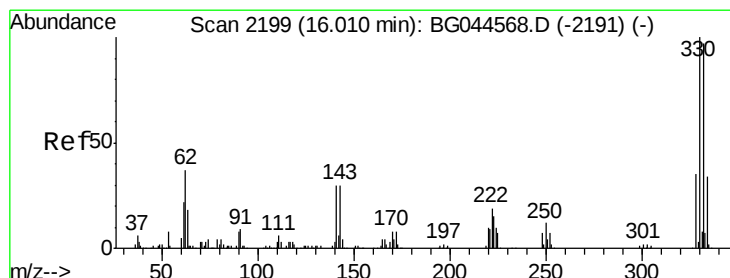
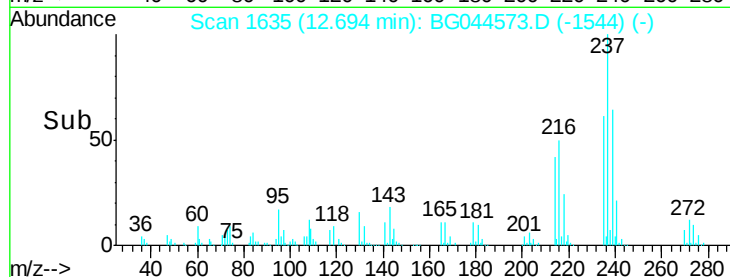
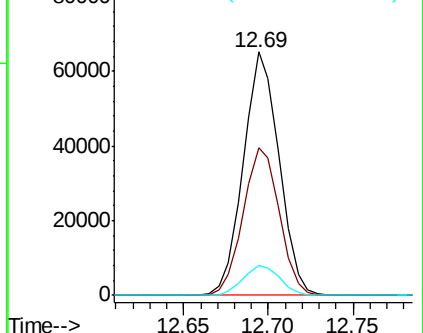
272 12.3 0.0 32.7



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: 72.486 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

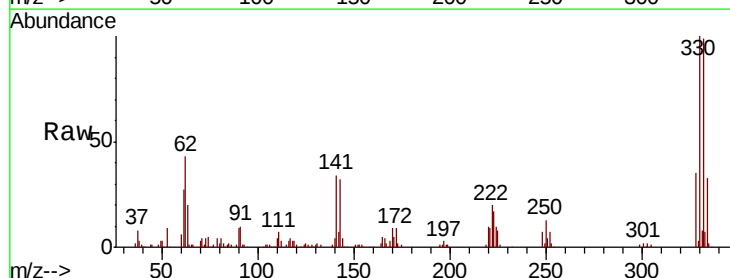
Tgt Ion:330 Resp: 173674

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

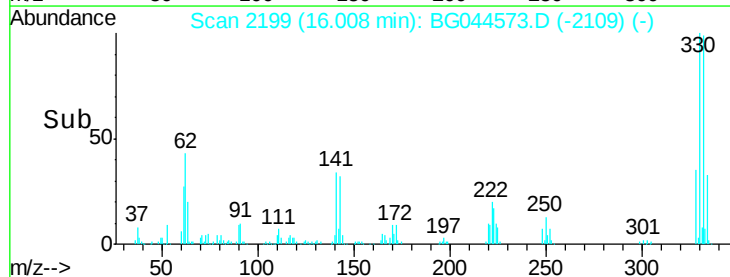
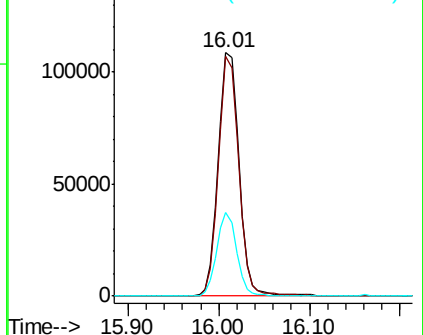
141 32.8 26.1 39.1

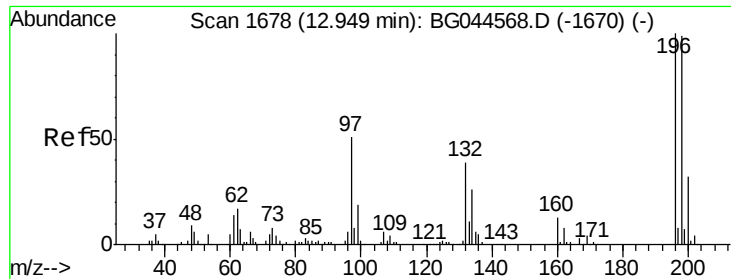


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

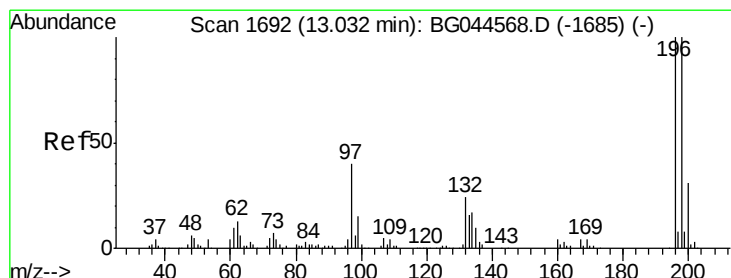
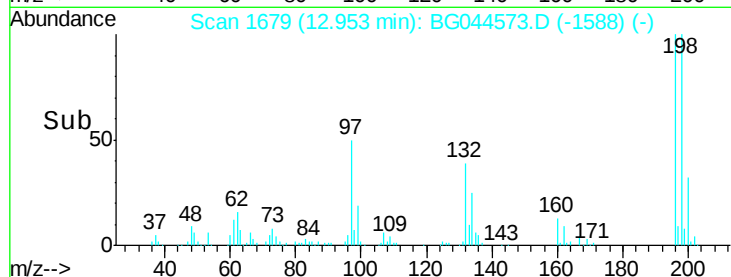
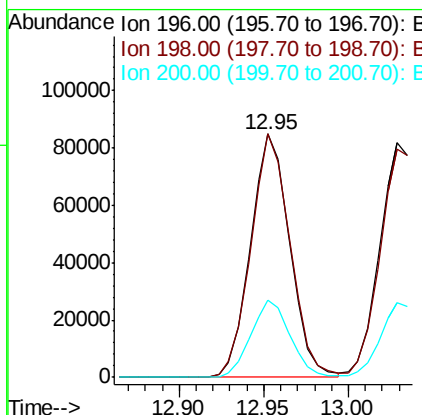
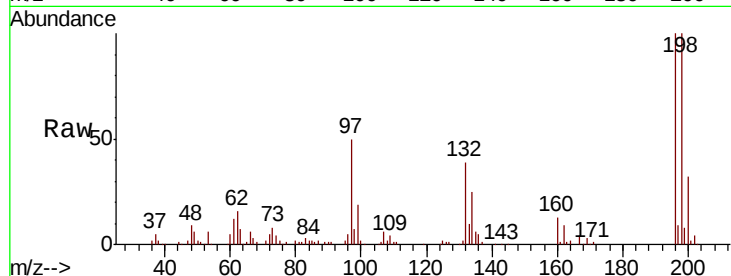




#43
 2,4,6-Trichlorophenol
 Concen: 37.101 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

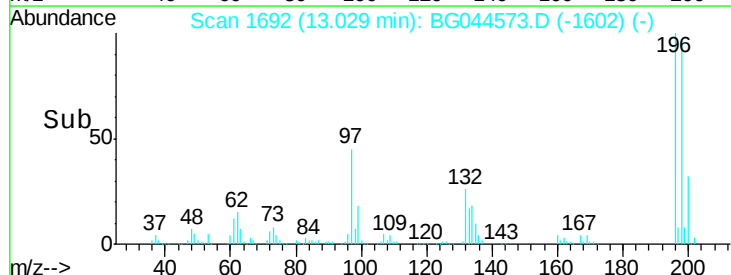
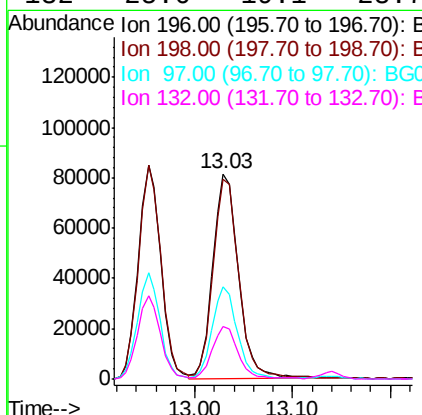
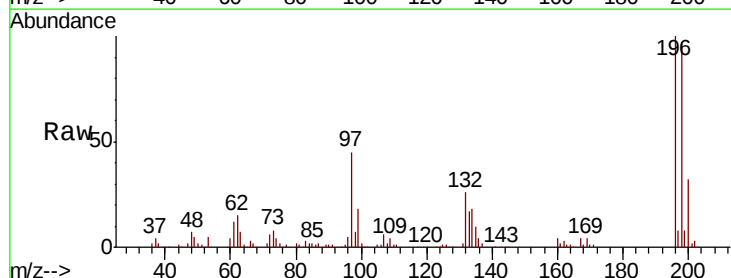
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

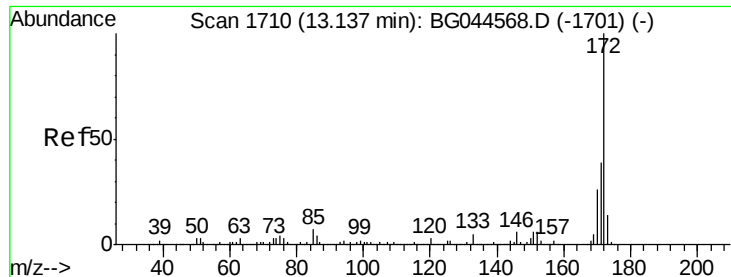
Tot Ion:196 Resp: 137041
 Ion Ratio Lower Upper
 196 100
 198 99.8 79.2 118.8
 200 31.7 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 39.156 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion:196 Resp: 148569
 Ion Ratio Lower Upper
 196 100
 198 97.5 79.3 118.9
 97 44.8 32.3 48.5
 132 25.6 19.1 28.7

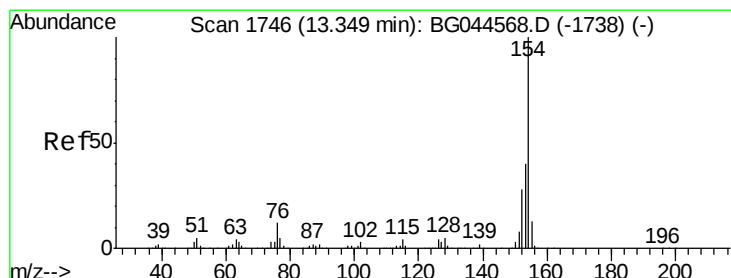
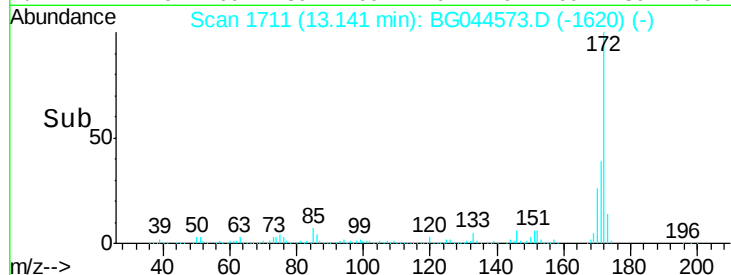
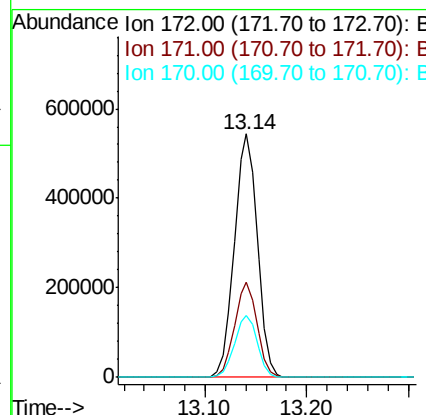
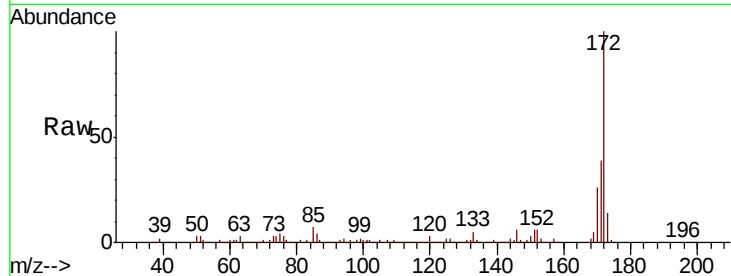




#45
 2-Fluorobiphenyl
 Concen: 72.248 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

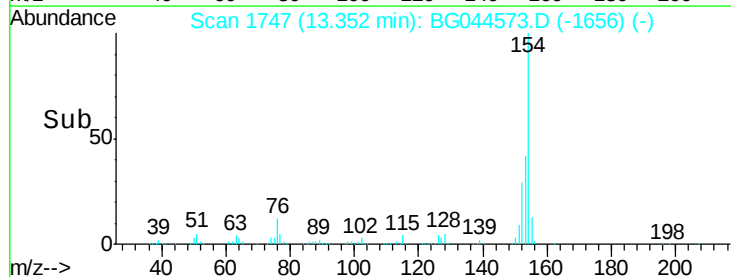
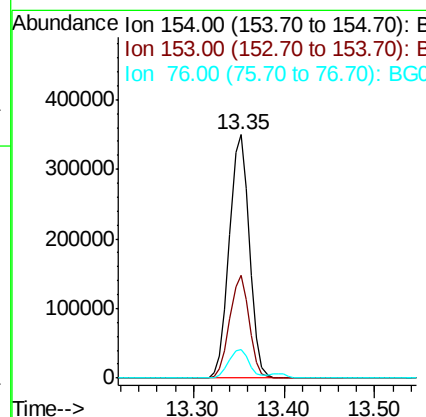
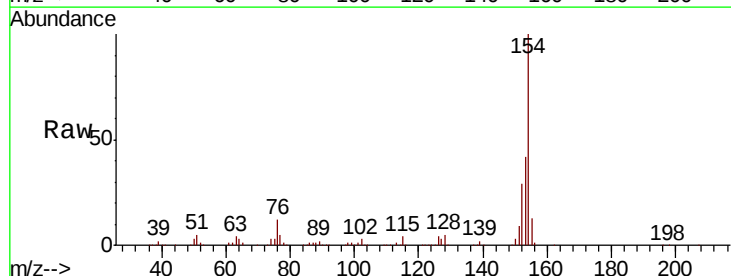
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

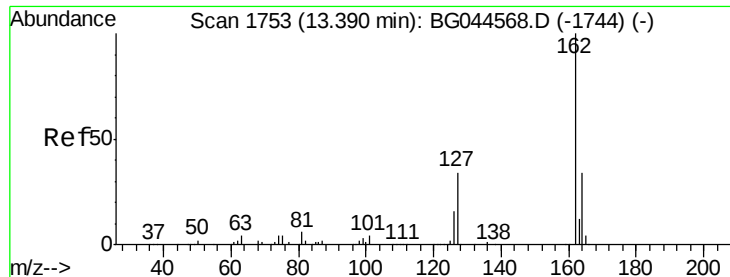
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	25.6	21.0	31.4



#46
 1,1'-Biphenyl
 Concen: 38.384 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.2	60.2
76	12.0	0.0	31.8

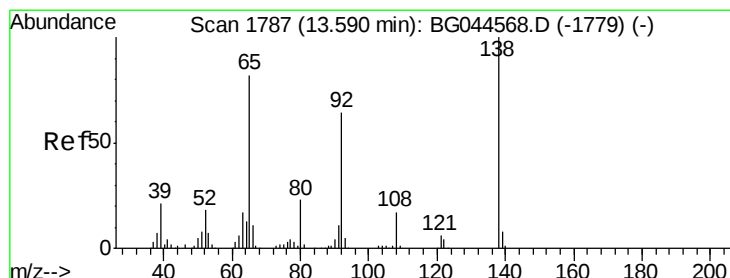
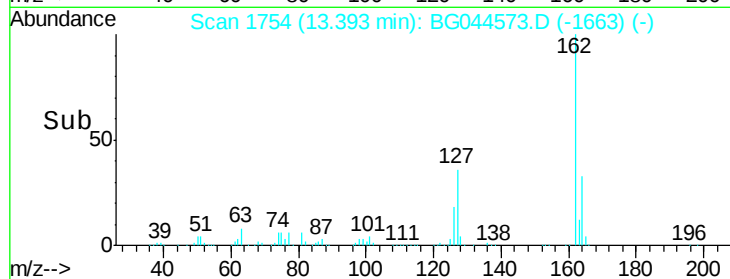
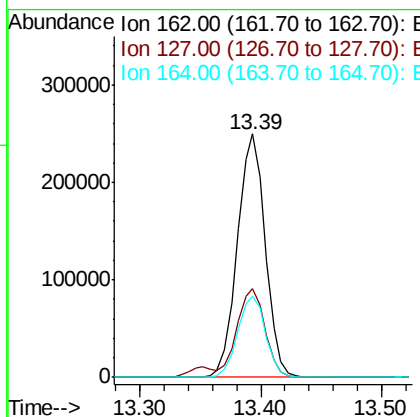
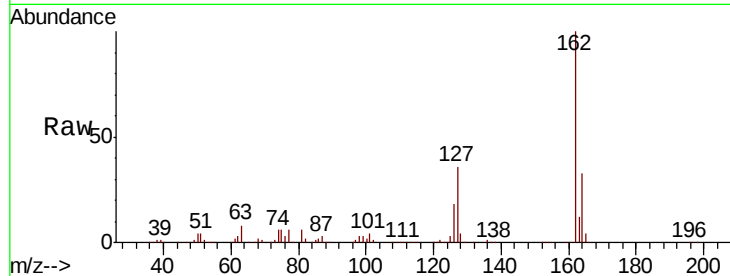




#47
 2-Chloronaphthalene
 Concen: 36.561 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

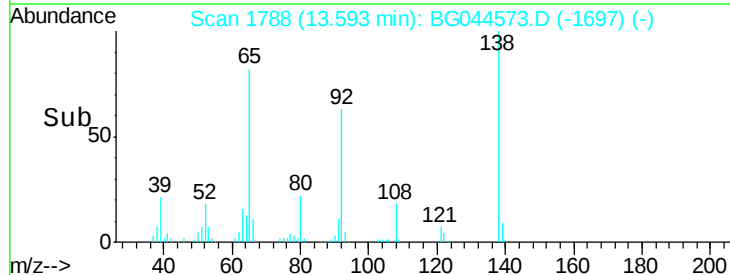
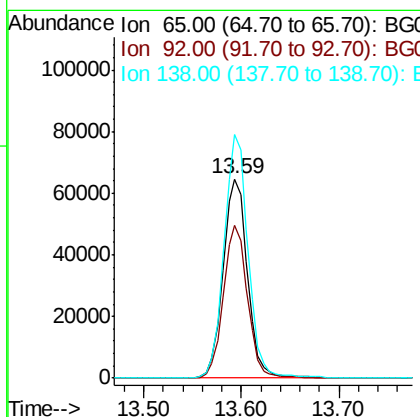
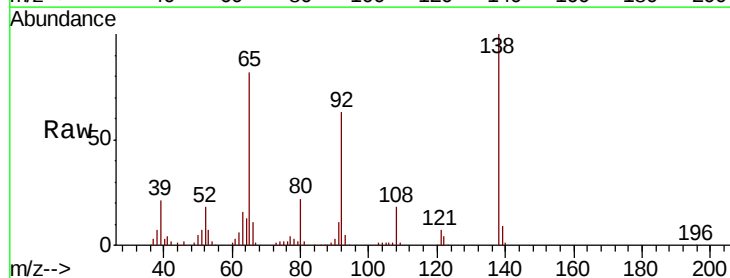
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

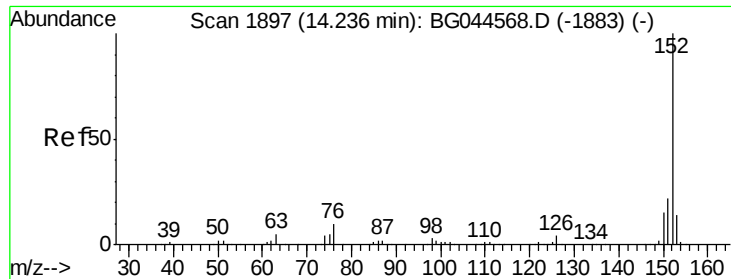
Tot Ion:162 Resp: 400902
 Ion Ratio Lower Upper
 162 100
 127 36.3 28.7 43.1
 164 33.4 27.3 40.9



#48
 2-Nitroaniline
 Concen: 36.743 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion: 65 Resp: 111840
 Ion Ratio Lower Upper
 65 100
 92 76.7 62.2 93.2
 138 122.1 97.6 146.4





#49

Acenaphthylene

Concen: 39.613 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

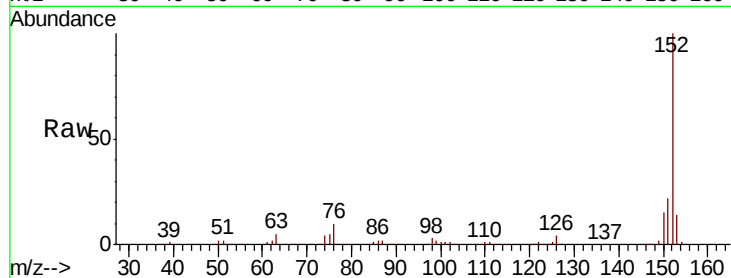
Tot Ion:152 Resp: 641197

Ion Ratio Lower Upper

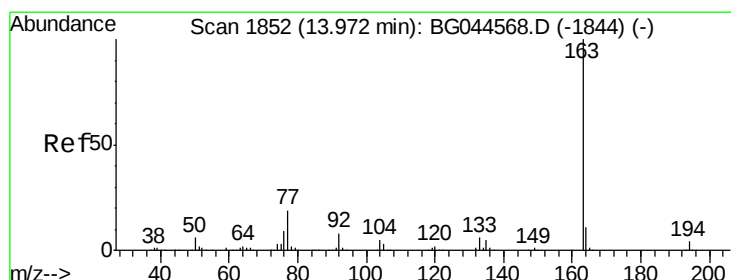
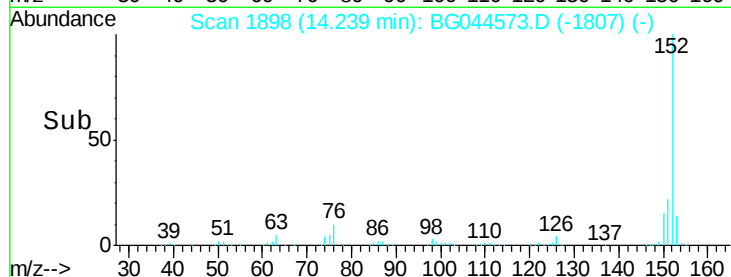
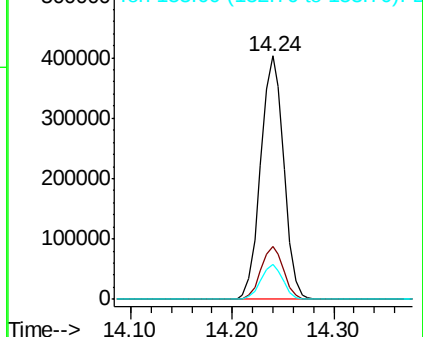
152 100

151 21.9 17.7 26.5

153 14.1 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.813 ng

RT: 13.97 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

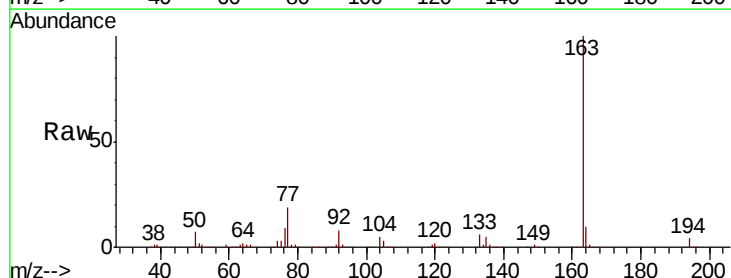
Tgt Ion:163 Resp: 515728

Ion Ratio Lower Upper

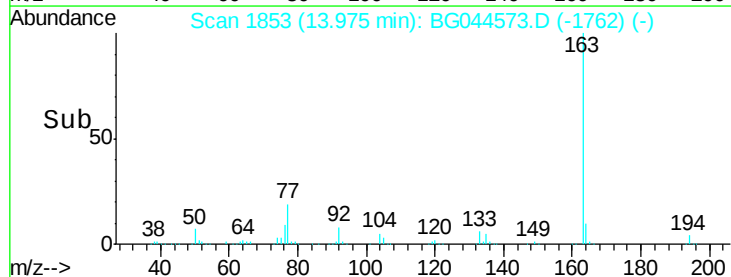
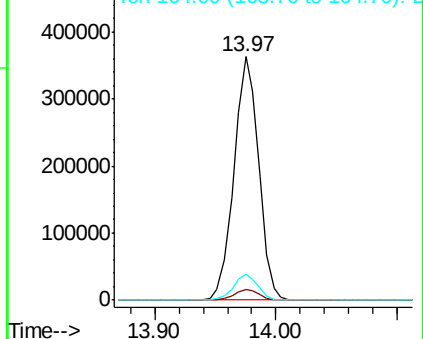
163 100

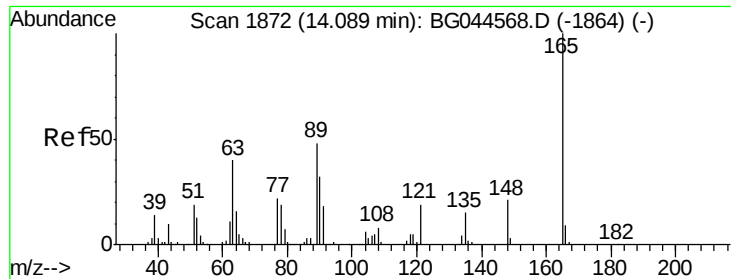
194 4.4 3.4 5.0

164 10.5 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: 39.127 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

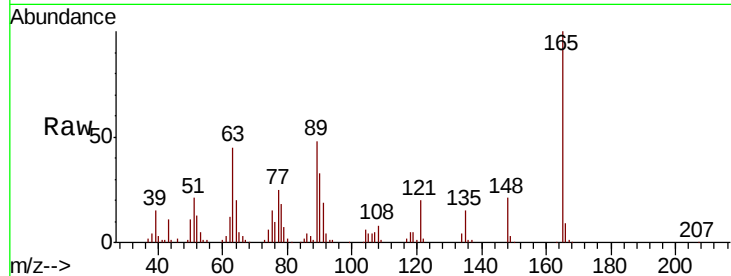
Tot Ion:165 Resp: 117691

Ion Ratio Lower Upper

165 100

63 44.8 35.8 53.6

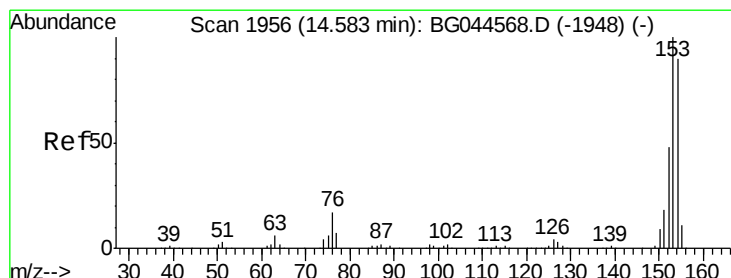
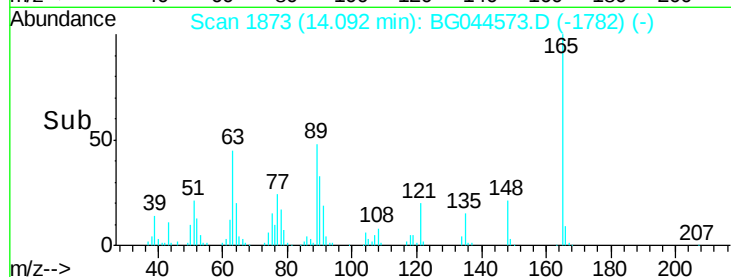
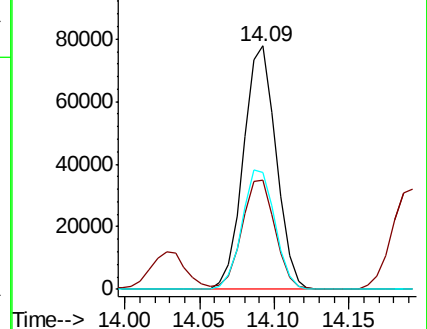
89 48.1 38.7 58.1



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



#52

Acenaphthene

Concen: 37.721 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

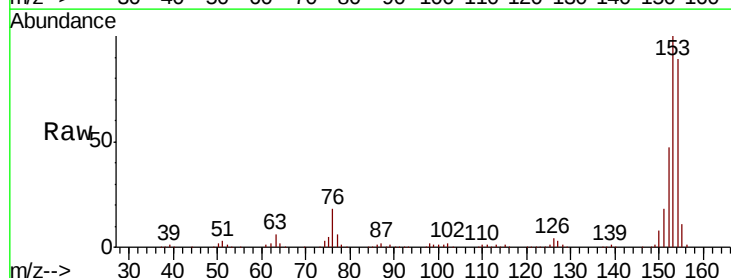
Tgt Ion:154 Resp: 389200

Ion Ratio Lower Upper

154 100

153 112.4 89.4 134.0

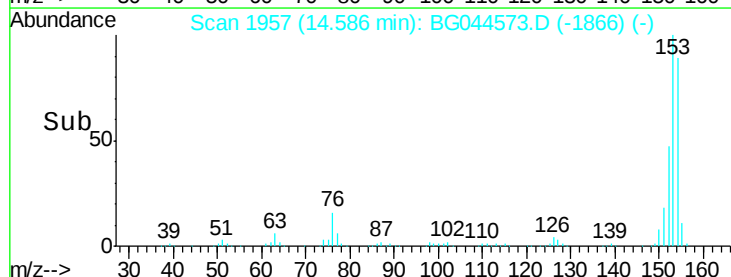
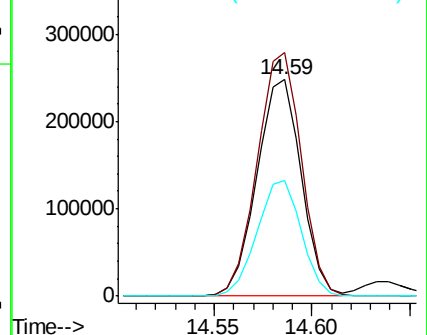
152 53.3 43.0 64.4

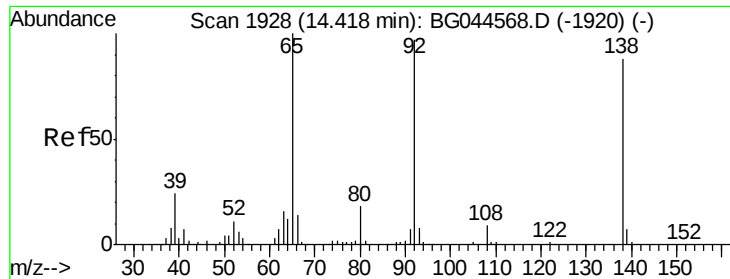


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.022 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

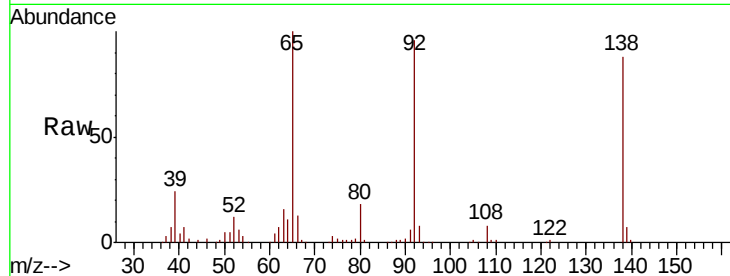
Tot Ion:138 Resp: 120100

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

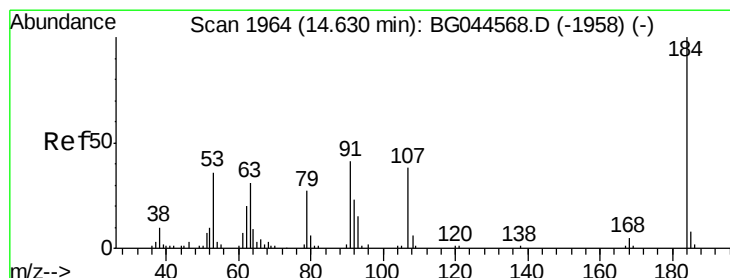
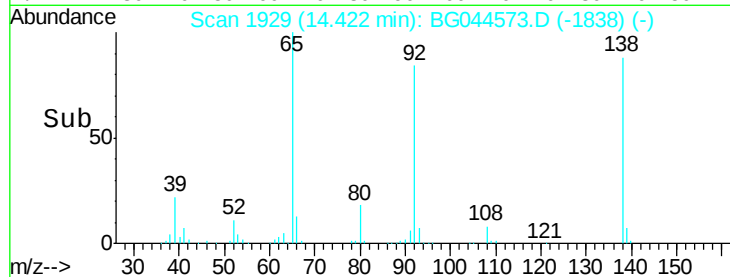
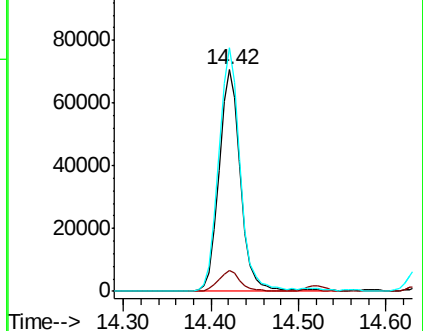
92 109.9 87.4 131.2



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): BGC



#54

2,4-Dinitrophenol

Concen: 37.519 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

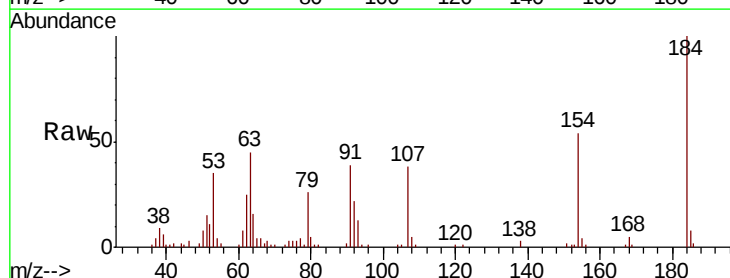
Tgt Ion:184 Resp: 57142

Ion Ratio Lower Upper

184 100

63 45.0 42.1 63.1

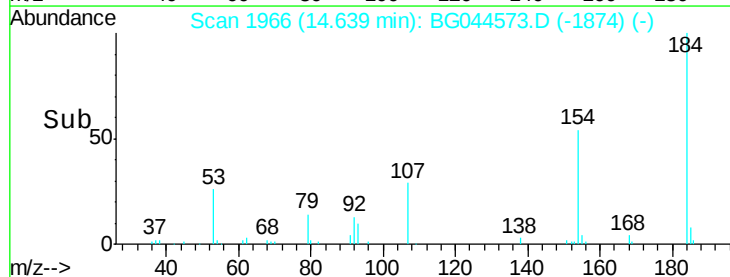
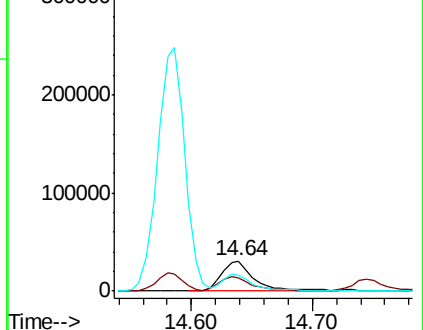
154 54.3 43.4 65.2

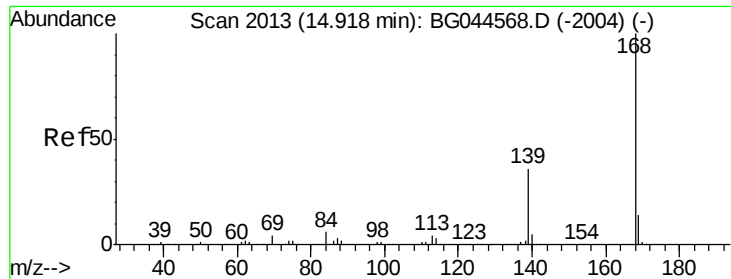


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

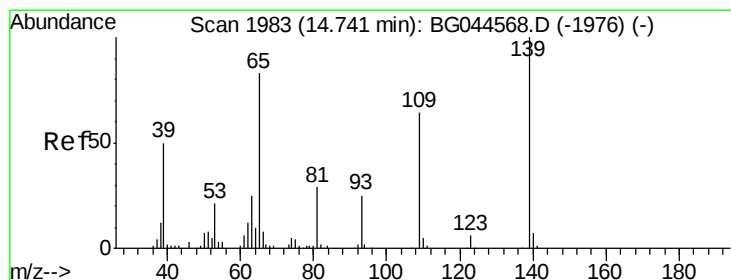
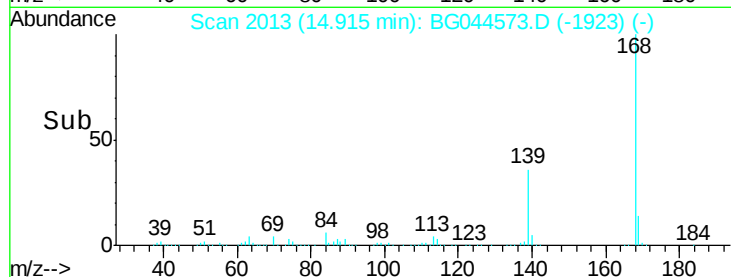
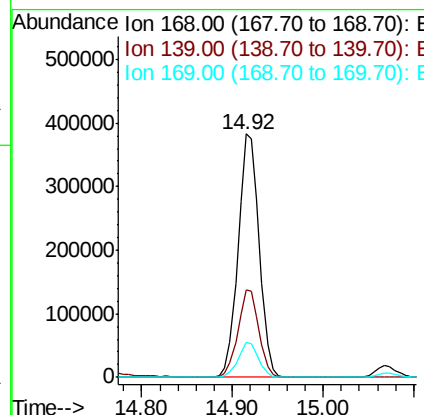
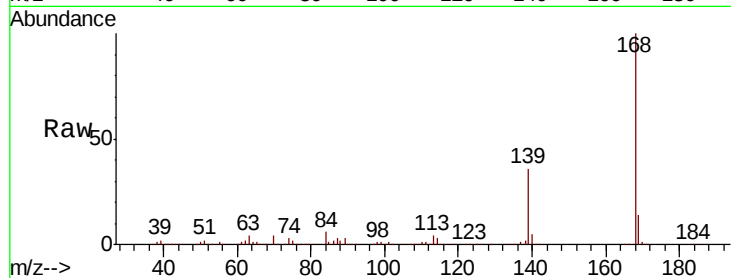




#55
Dibenzofuran
Concen: 39.173 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

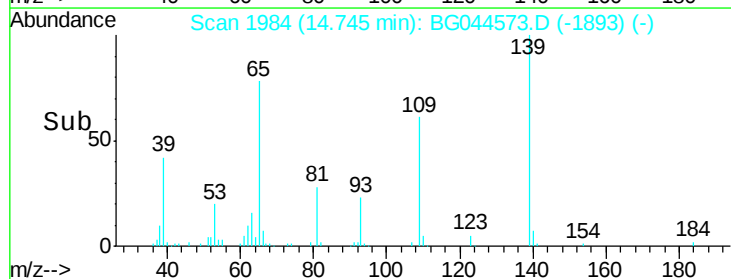
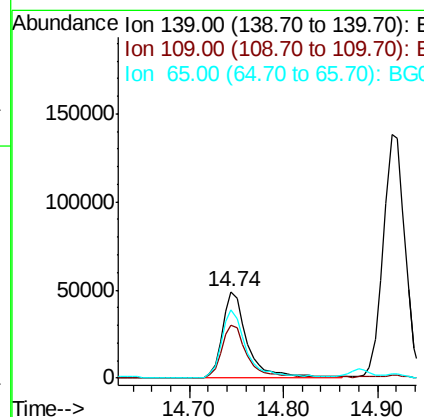
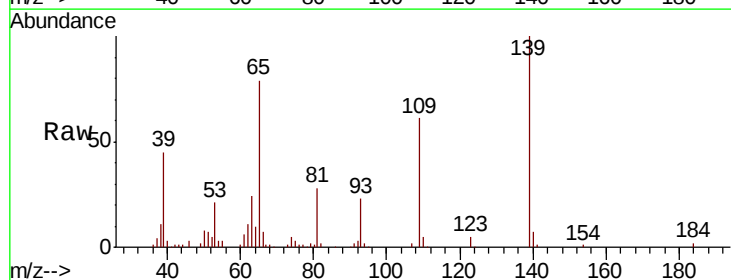
Instrument :
BNA_G
ClientSampleId :
ICVBG022420

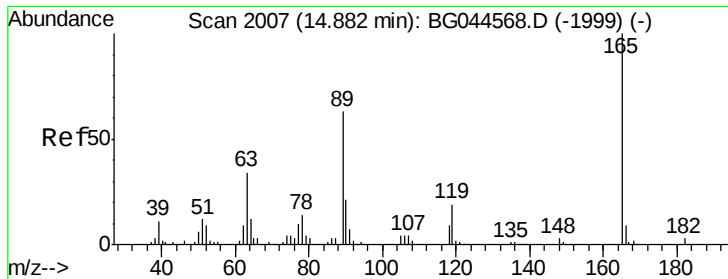
Tot Ion:168 Resp: 619635
Ion Ratio Lower Upper
168 100
139 36.1 29.2 43.8
169 14.3 11.0 16.6



#56
4-Nitrophenol
Concen: 41.297 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion:139 Resp: 92152
Ion Ratio Lower Upper
139 100
109 61.5 43.8 83.8
65 78.8 63.6 103.6

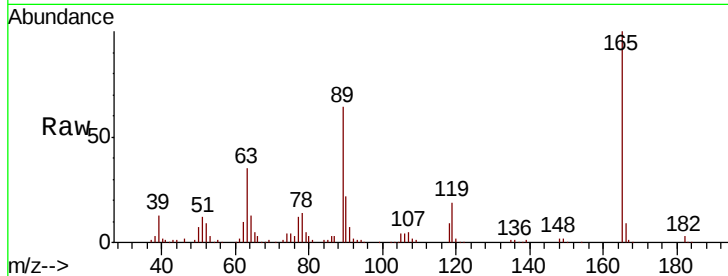




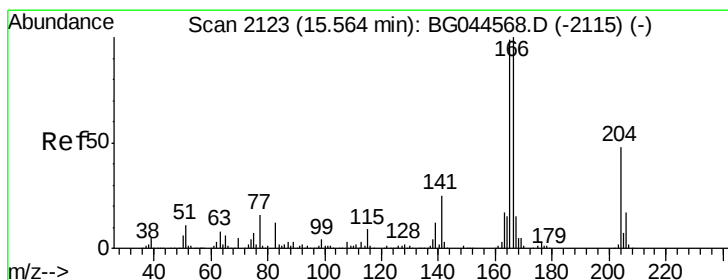
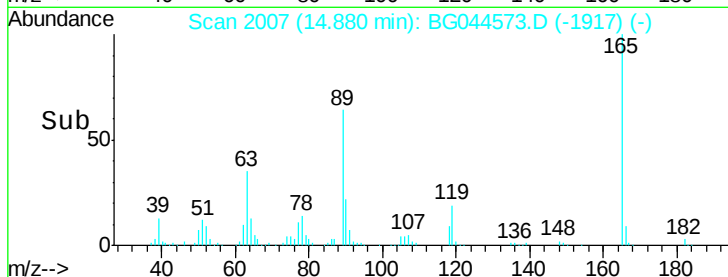
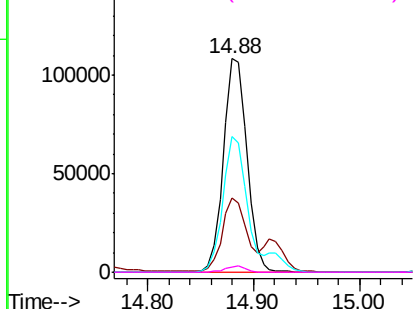
#57
 2,4-Dinitrotoluene
 Concen: 39.638 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

Tot Ion:165	Resp:	167629
Ion	Ratio	Lower Upper
165	100	
63	35.0	27.5 41.3
89	63.8	50.0 75.0
182	2.7	2.3 3.5

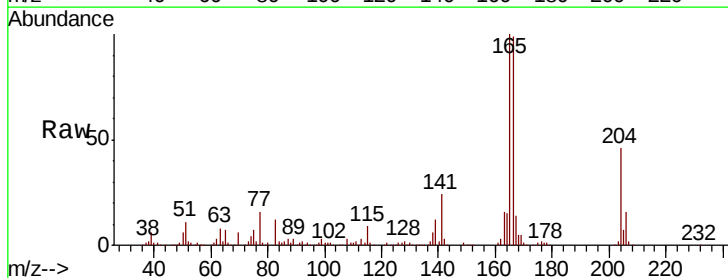


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO
 Ion 182.00 (181.70 to 182.70): E

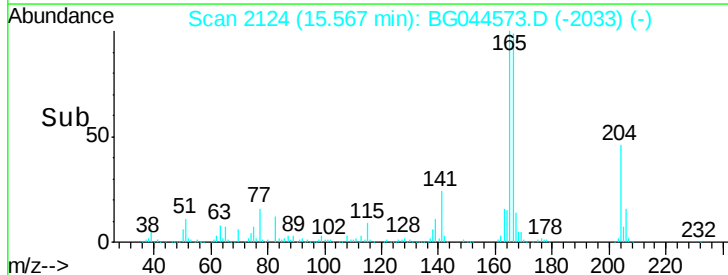
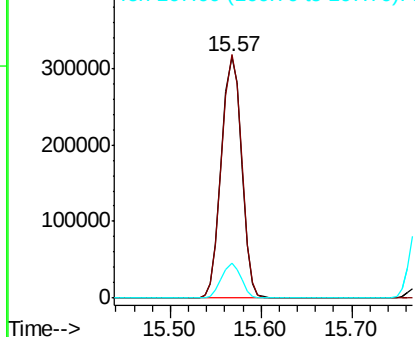


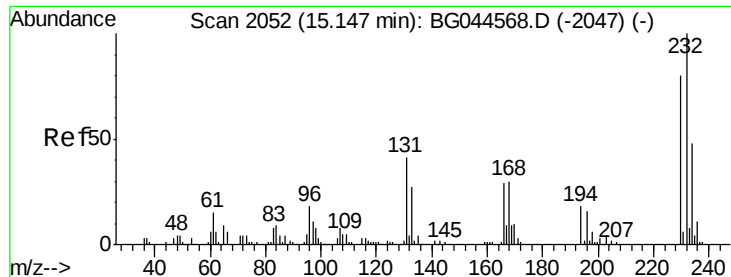
#58
 Fluorene
 Concen: 39.133 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion:166	Resp:	490799
Ion	Ratio	Lower Upper
166	100	
165	100.9	79.2 118.8
167	14.5	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

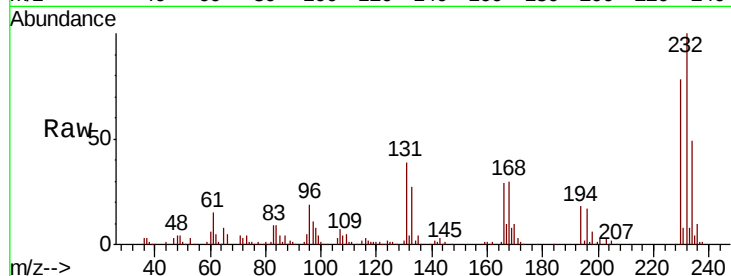




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.456 ng
RT: 15.15 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
ICVBG022420

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	31.8	47.6
130	2.2	1.8	2.6
166	30.4	22.7	34.1



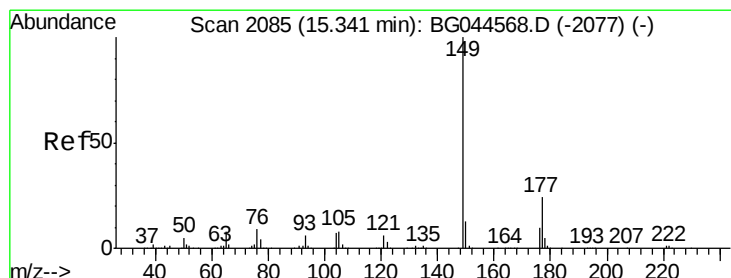
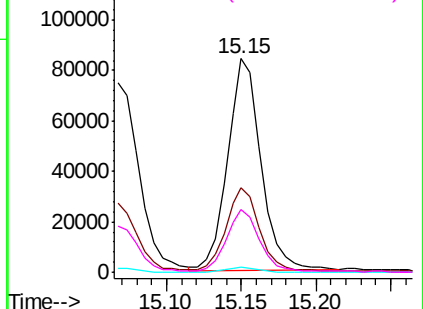
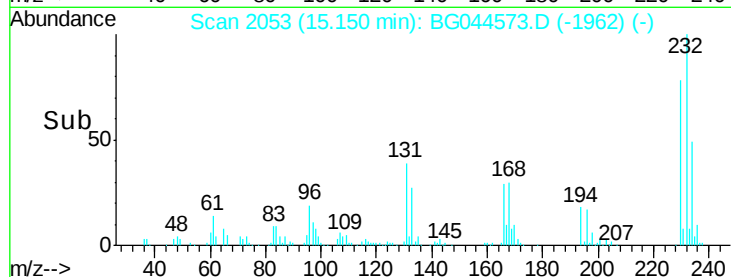
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

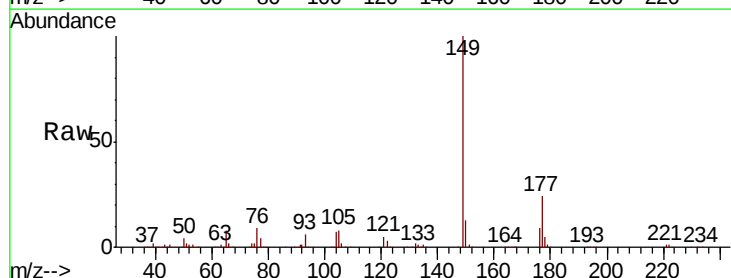
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.054 ng
RT: 15.34 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.2	28.8
150	13.1	10.2	15.4

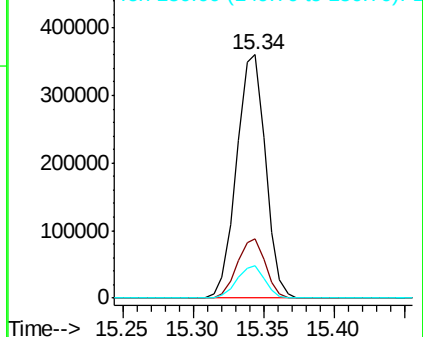
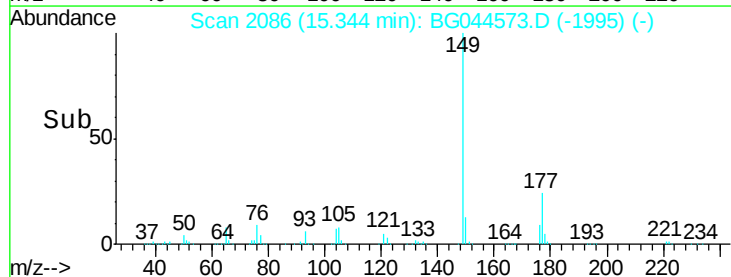


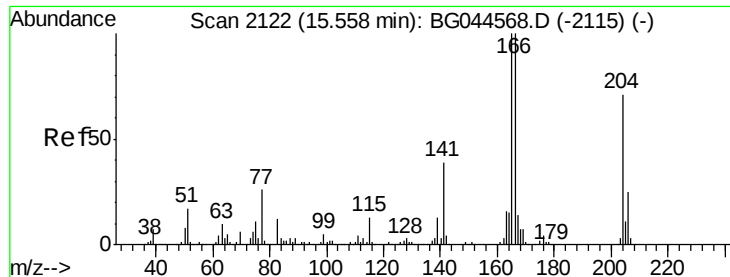
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

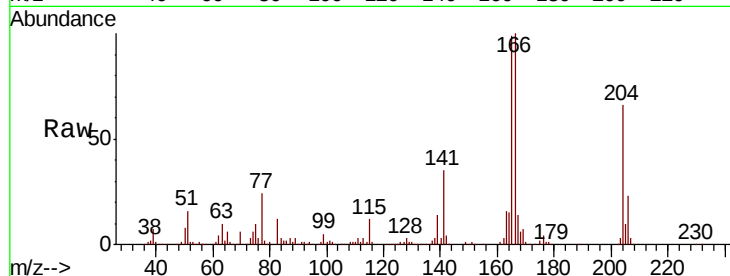




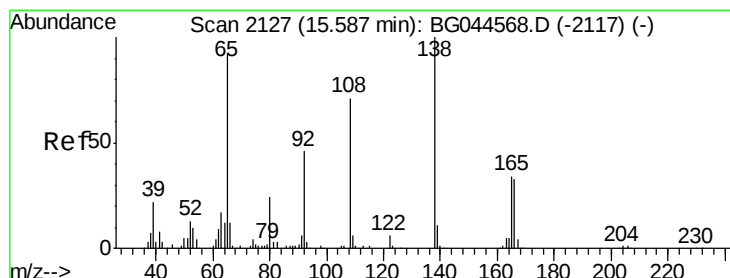
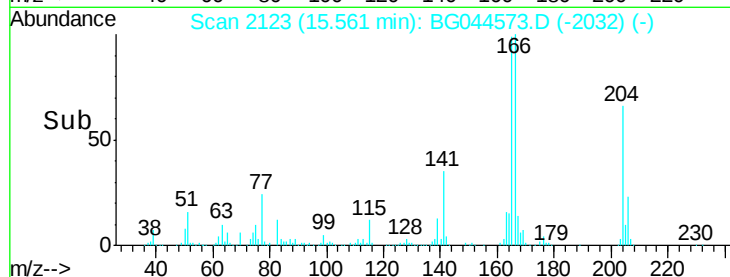
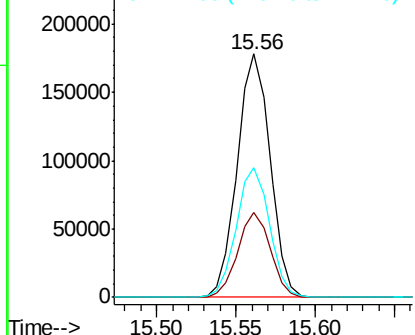
#61
 4-Chlorophenyl-phenylether
 Concen: 37.584 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.8	41.8
141	53.4	43.8	65.8

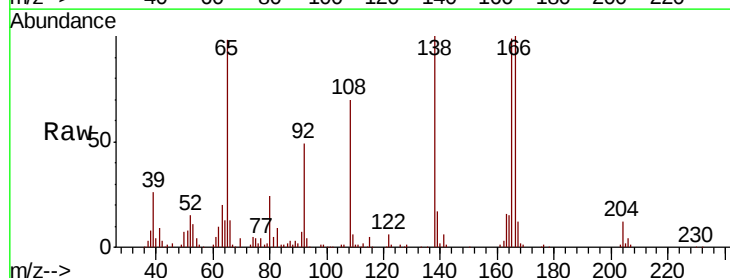


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

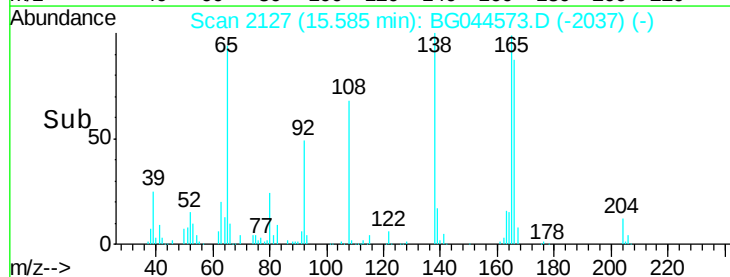
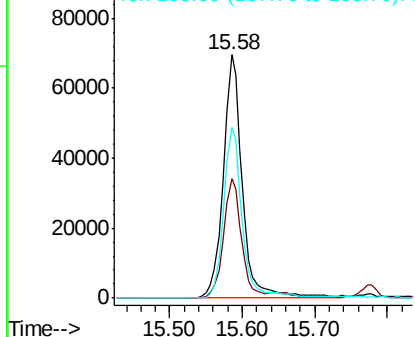


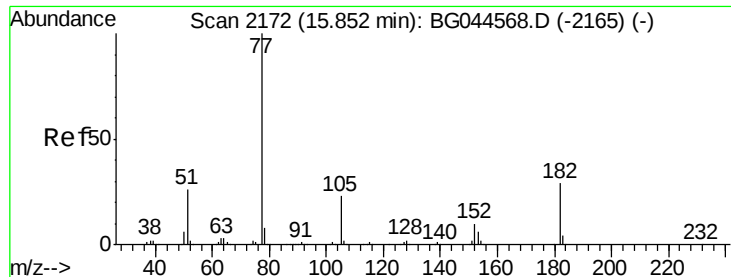
#62
 4-Nitroaniline
 Concen: 39.224 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	26.4	66.4
108	70.0	50.5	90.5



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

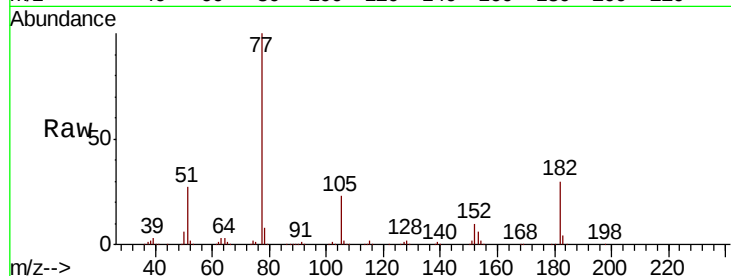




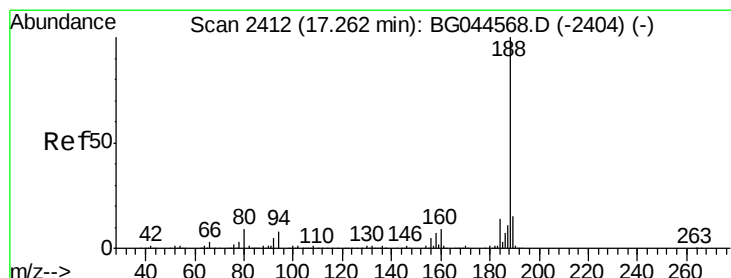
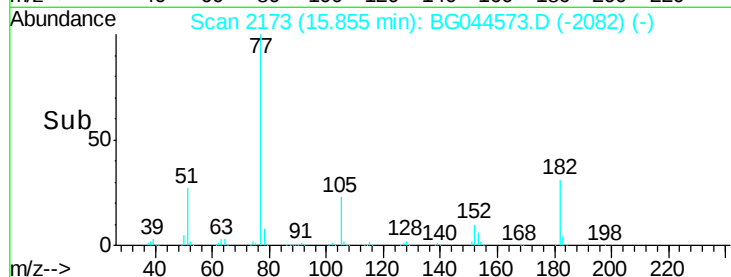
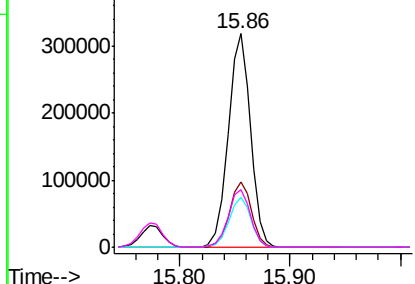
#63
Azobenzene
Concen: 38.949 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
ICVBG022420

Tot Ion:	77	Resp:	447946
Ion	Ratio	Lower	Upper
77	100		
182	30.4	9.4	49.4
105	23.5	3.4	43.4
51	27.3	6.4	46.4

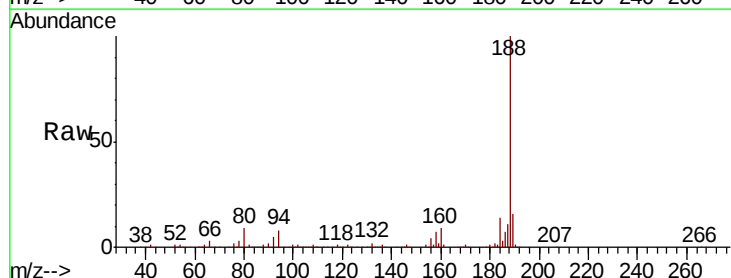


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

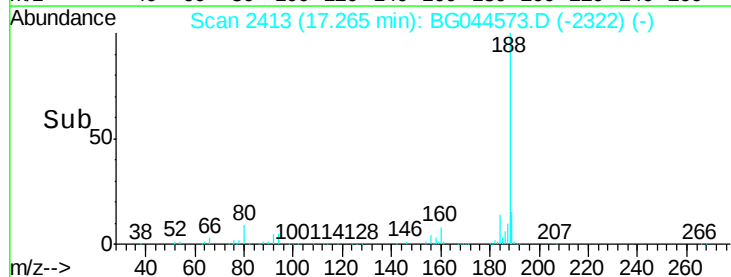
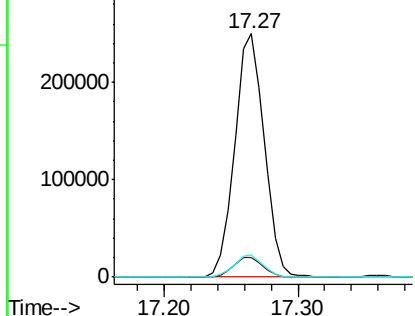


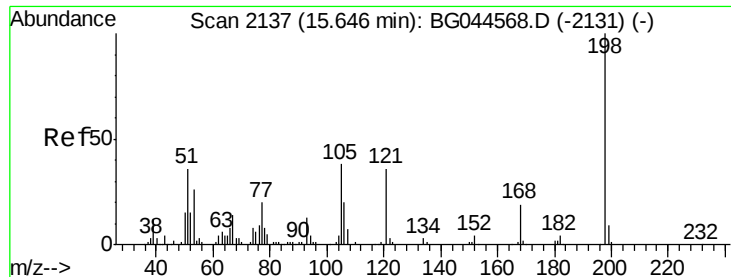
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion:	188	Resp:	382575
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	9.0	7.6	11.4



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

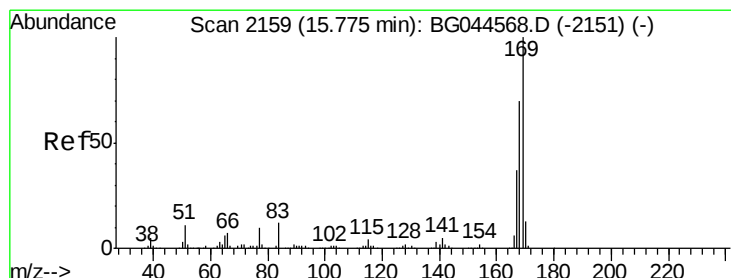
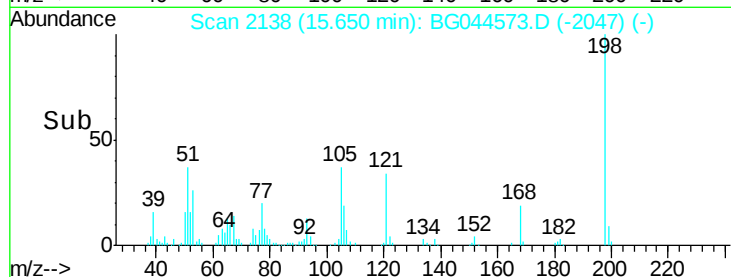
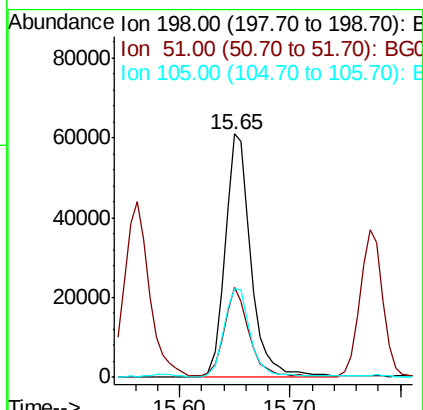
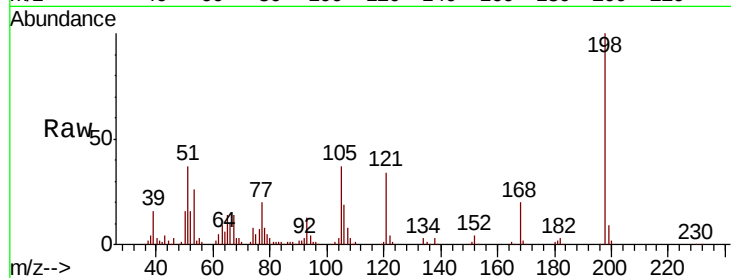




#65
4,6-Dinitro-2-methylphenol
Concen: 42.072 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

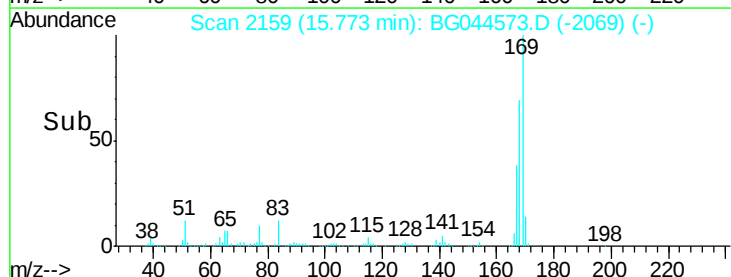
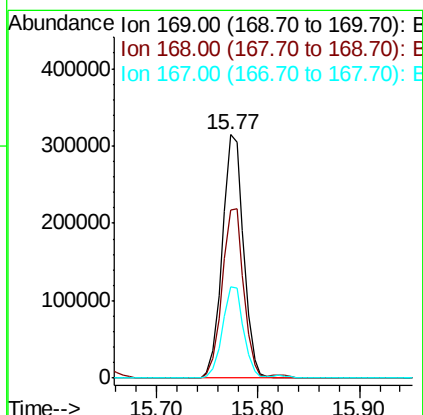
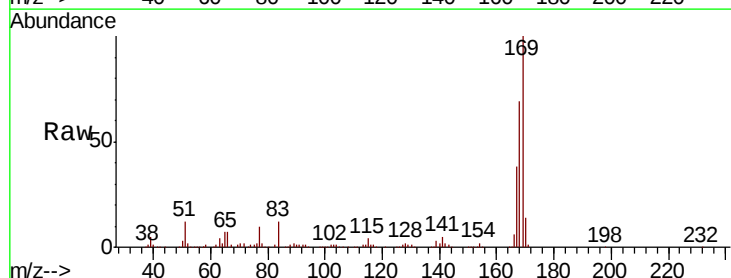
Instrument :
BNA_G
ClientSampleId :
ICVBG022420

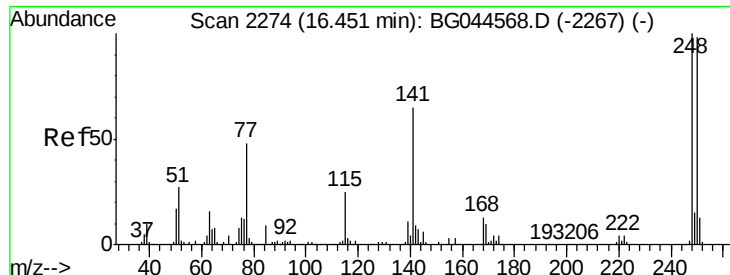
Tot Ion:198 Resp: 99663
Ion Ratio Lower Upper
198 100
51 36.8 17.0 57.0
105 36.7 18.4 58.4



#66
n-Nitrosodiphenylamine
Concen: 38.277 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion:169 Resp: 456783
Ion Ratio Lower Upper
169 100
168 69.1 56.1 84.1
167 37.5 29.4 44.0

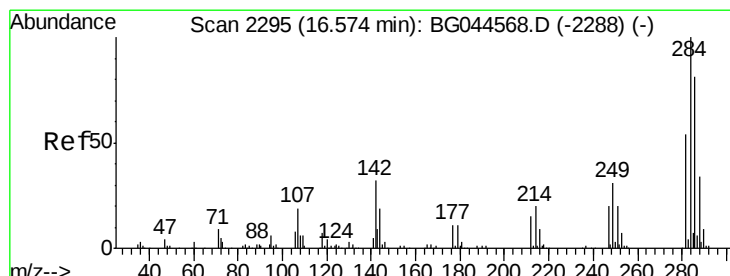
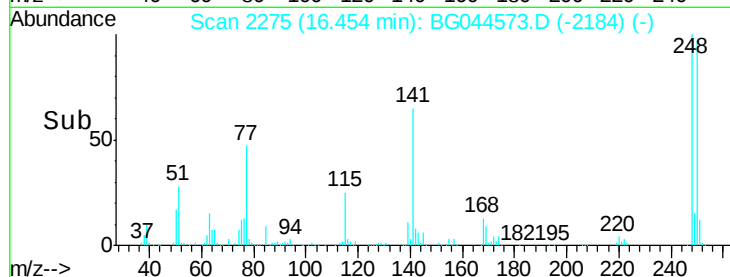
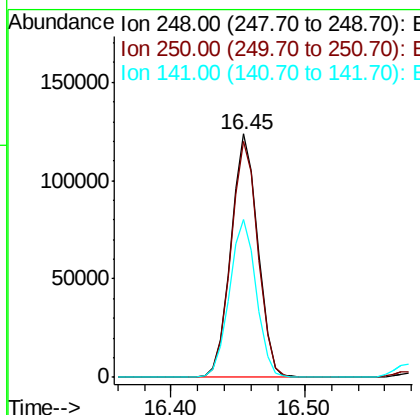
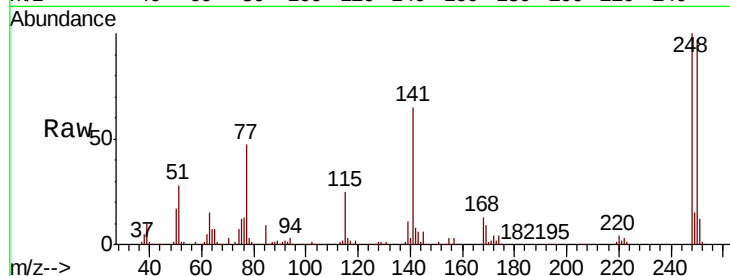




#67
 4-Bromophenyl-phenylether
 Concen: 36.593 ng
 RT: 16.45 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

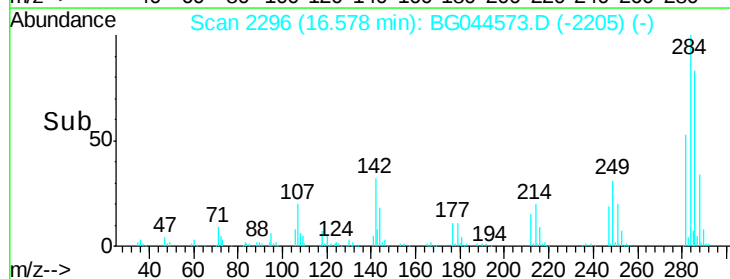
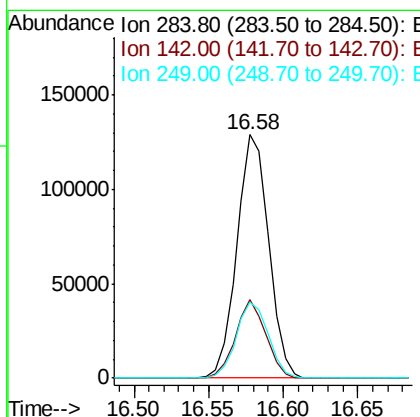
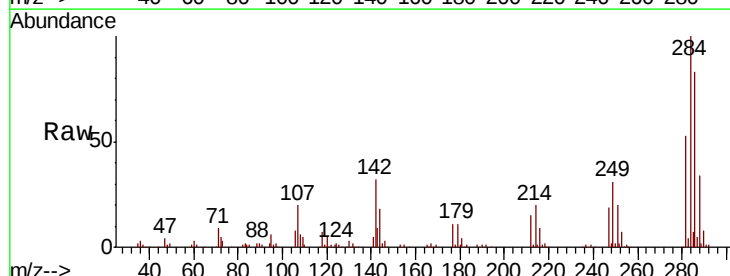
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022420

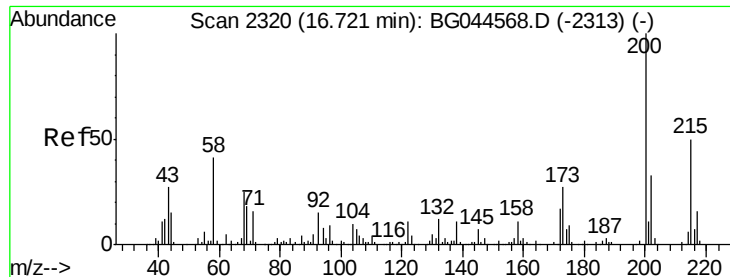
Tot Ion:248 Resp: 173773
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.7 118.1
 141 65.0 52.3 78.5



#68
 Hexachlorobenzene
 Concen: 35.487 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG044573.D
 Acq: 24 Feb 2020 16:04

Tgt Ion:284 Resp: 190534
 Ion Ratio Lower Upper
 284 100
 142 32.0 25.6 38.4
 249 31.4 24.6 36.8





#69

Atrazine

Concen: 37.844 ng

RT: 16.72 min Scan# 2321

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

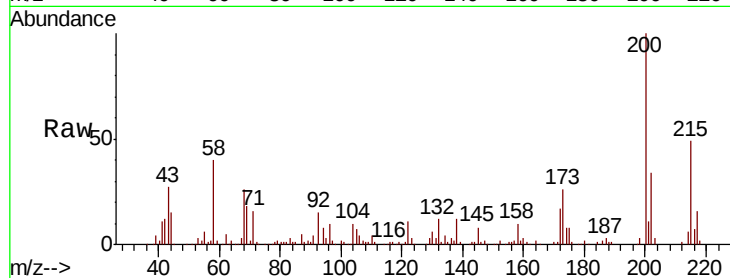
Tot Ion:200 Resp: 166955

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

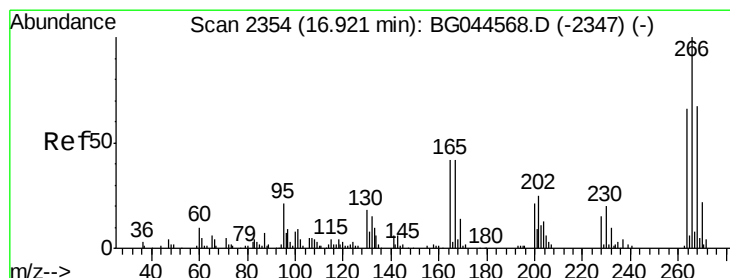
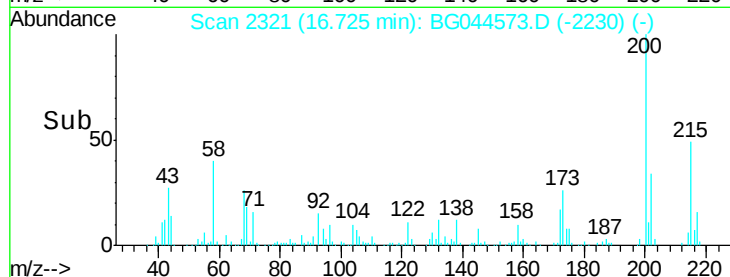
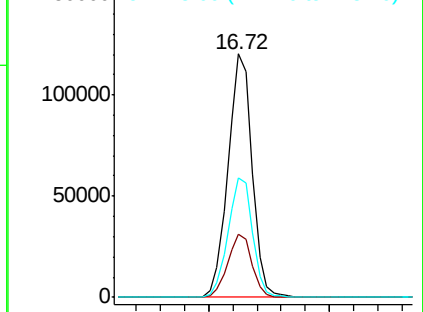
215 49.0 30.3 70.3



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: 36.765 ng

RT: 16.92 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

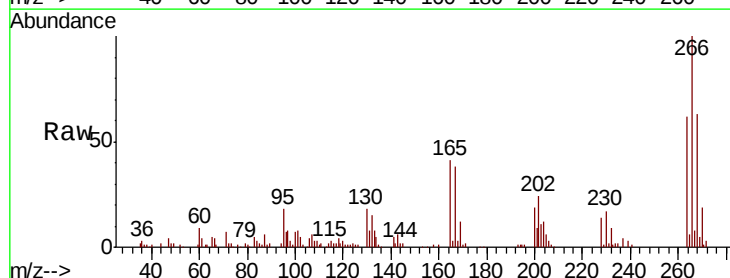
Tgt Ion:266 Resp: 85226

Ion Ratio Lower Upper

266 100

268 62.6 53.4 80.0

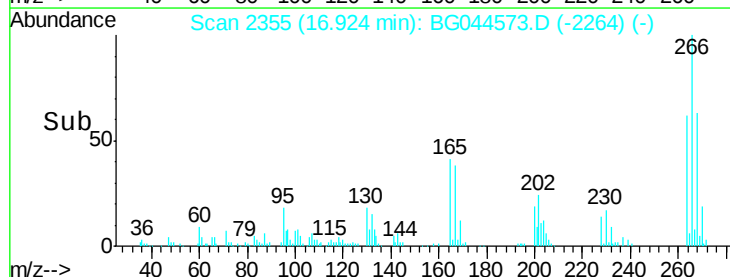
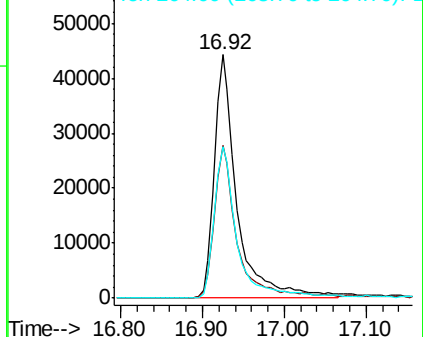
264 62.0 53.0 79.4

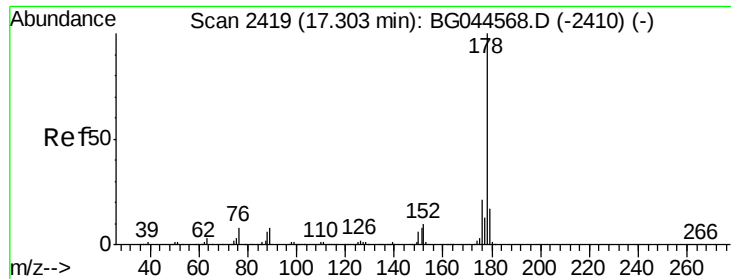


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

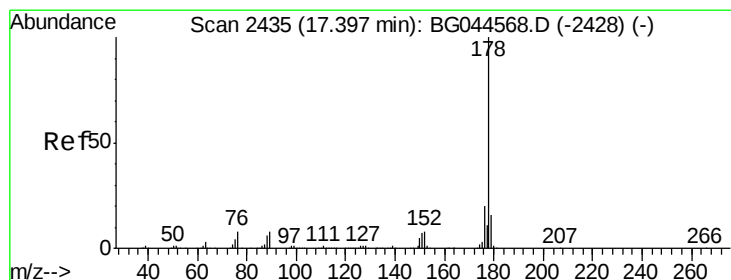
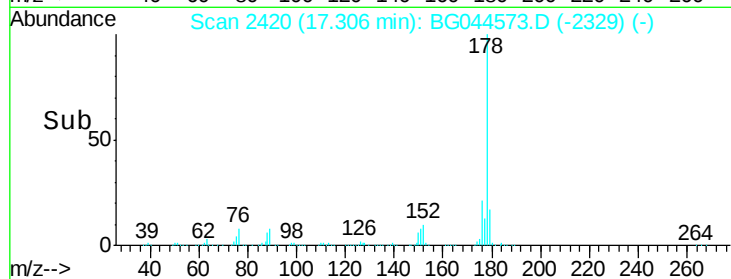
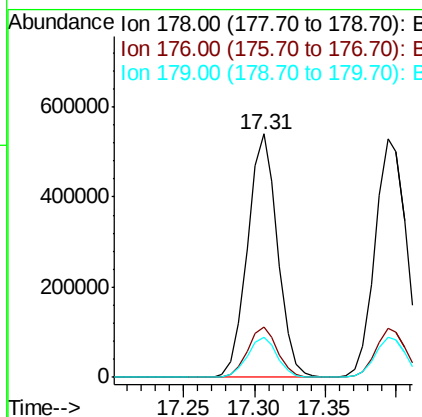
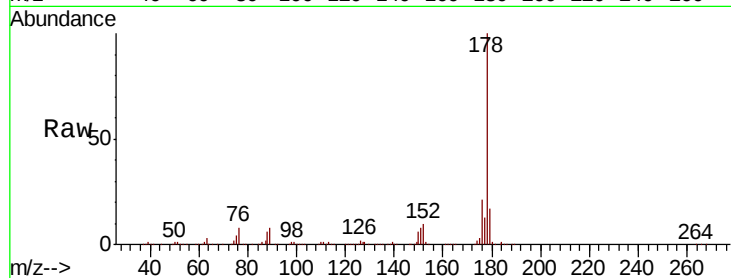




#71
Phenanthrene
Concen: 37.990 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

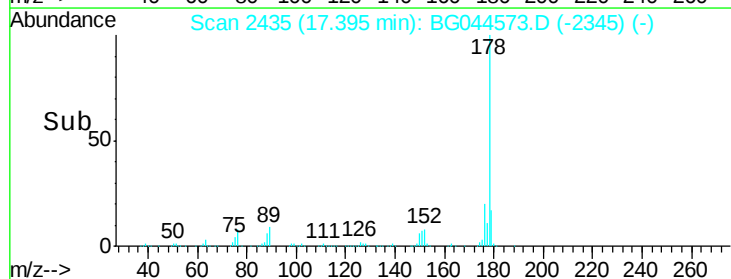
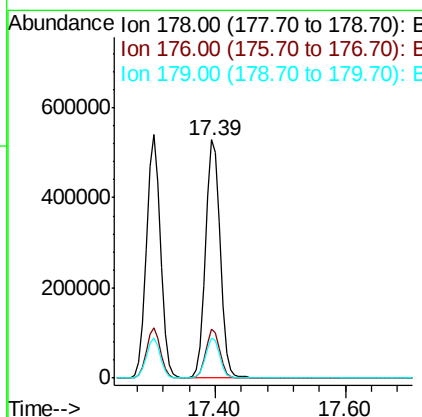
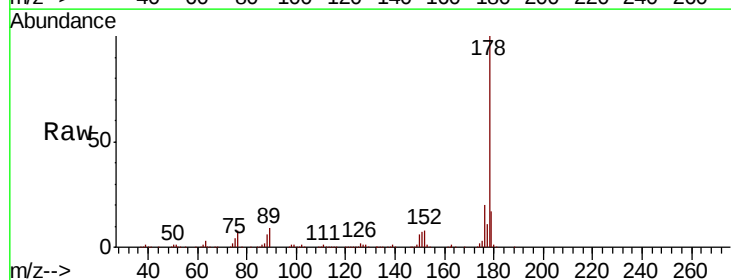
Instrument :
BNA_G
ClientSampleId :
ICVBG022420

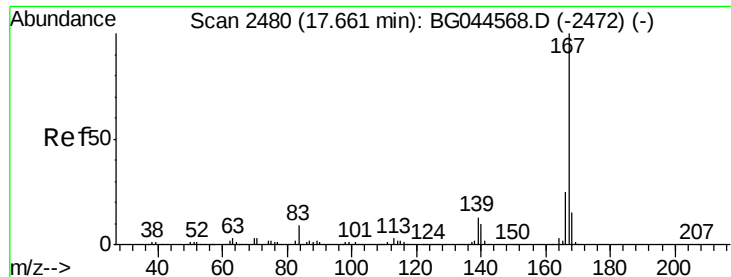
Tot Ion:178 Resp: 804648
Ion Ratio Lower Upper
178 100
176 20.6 16.6 25.0
179 16.5 13.3 19.9



#72
Anthracene
Concen: 39.527 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion:178 Resp: 825049
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.9 13.1 19.7





#73

Carbazole

Concen: 39.152 ng

RT: 17.66 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

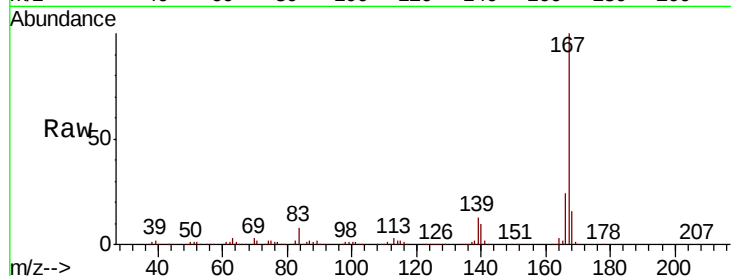
Tot Ion:167 Resp: 743868

Ion Ratio Lower Upper

167 100

166 24.2 19.7 29.5

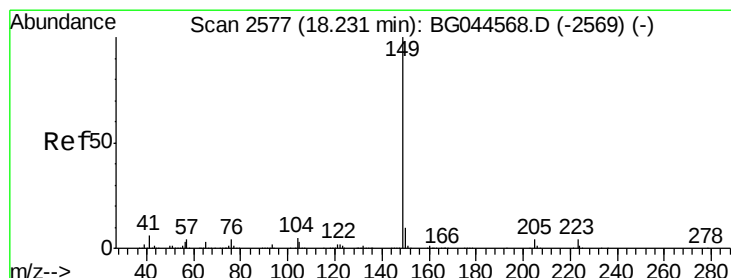
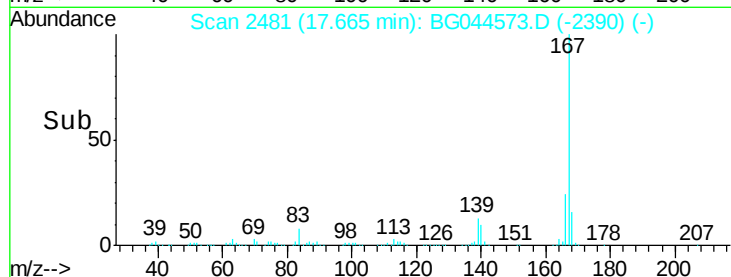
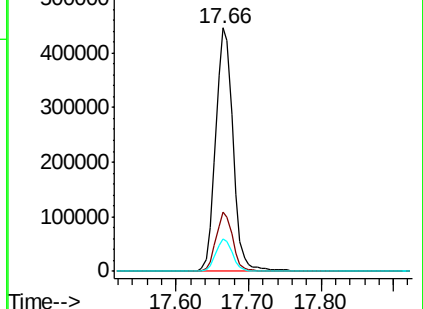
139 13.4 10.6 15.8



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: 37.692 ng

RT: 18.23 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

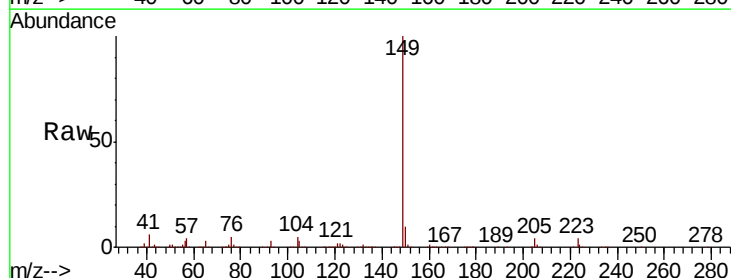
Tgt Ion:149 Resp: 897373

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

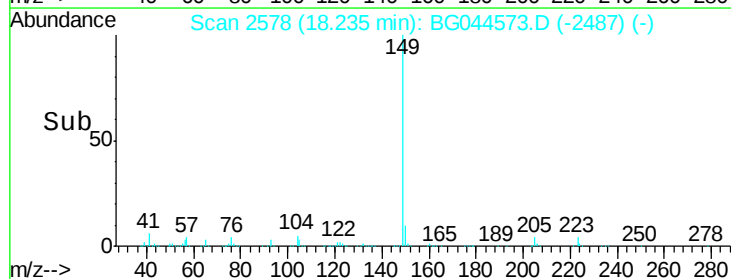
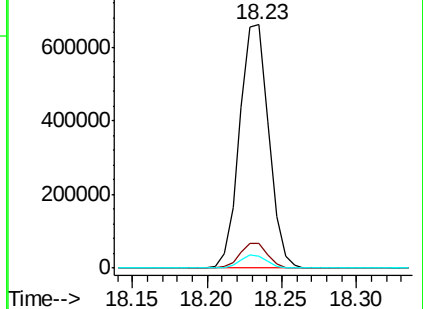
104 4.9 4.0 6.0

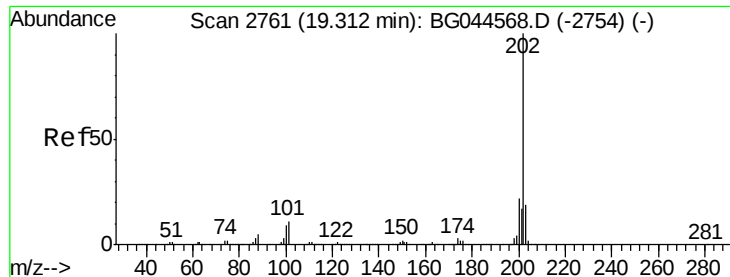


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.868 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

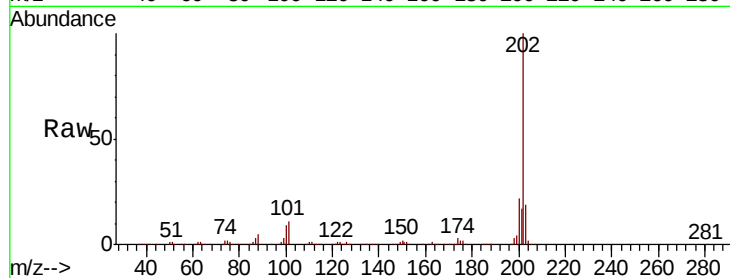
Tot Ion:202 Resp: 974553

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.0

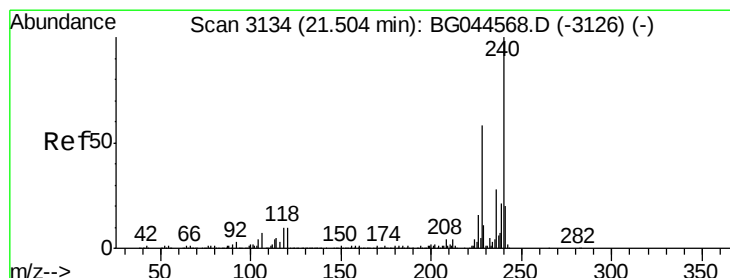
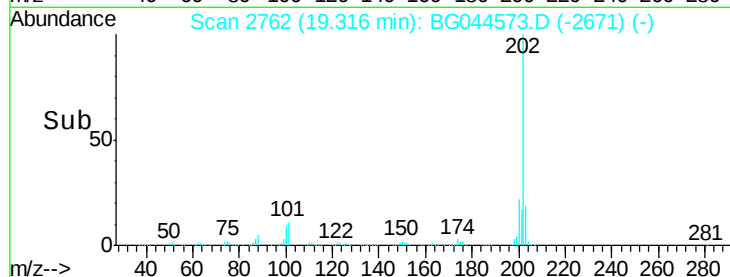
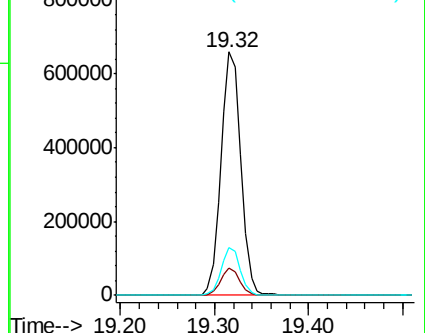
203 19.5 0.0 39.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

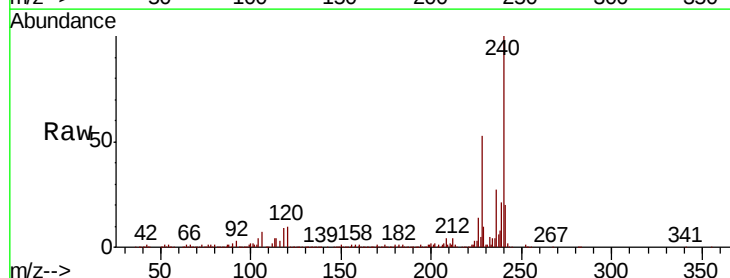
Tgt Ion:240 Resp: 343189

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

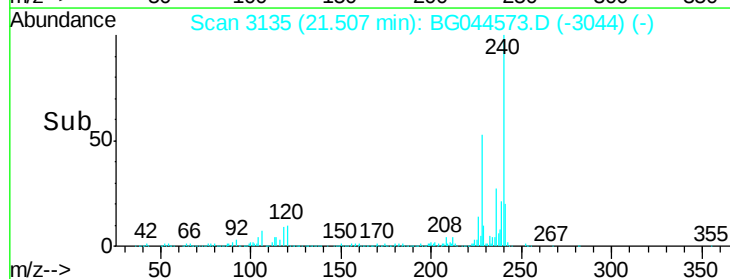
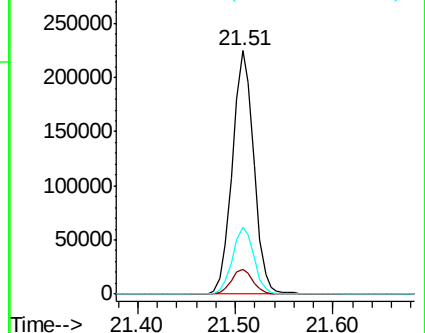
236 27.4 22.3 33.5

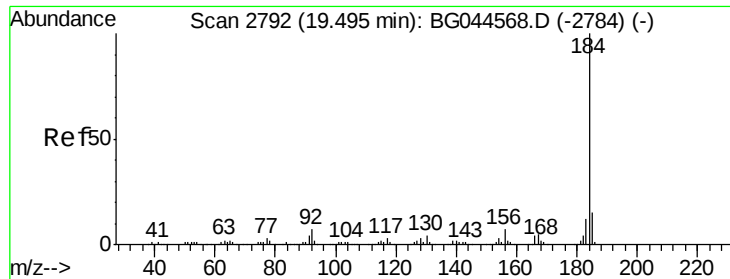


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.333 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

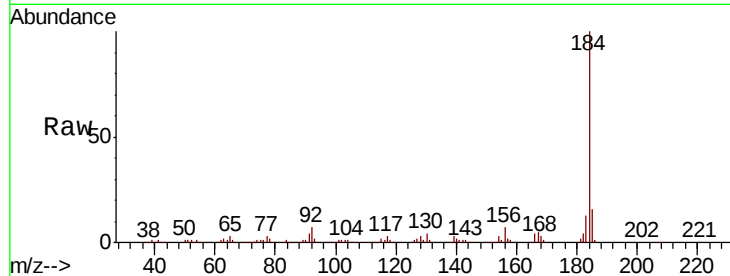
Tot Ion:184 Resp: 403618

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.4

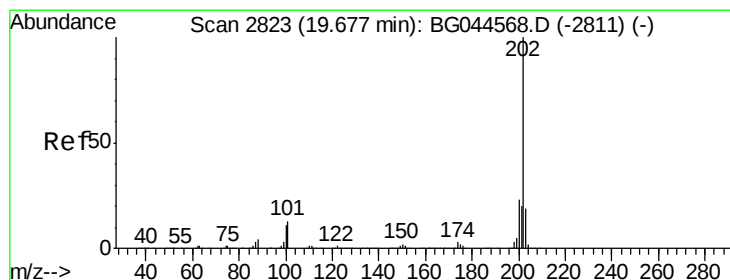
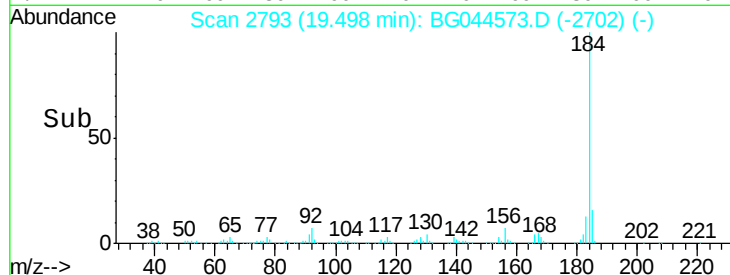
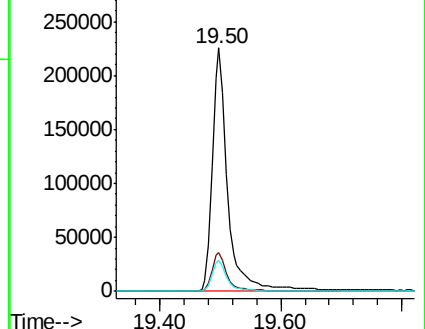
183 12.9 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.285 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

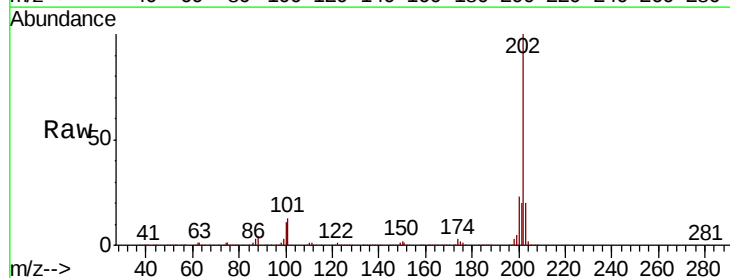
Tgt Ion:202 Resp: 978697

Ion Ratio Lower Upper

202 100

200 23.2 18.6 28.0

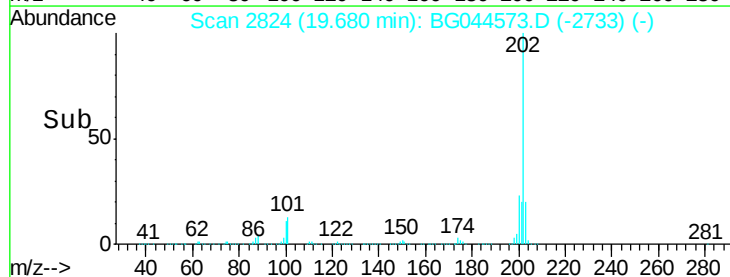
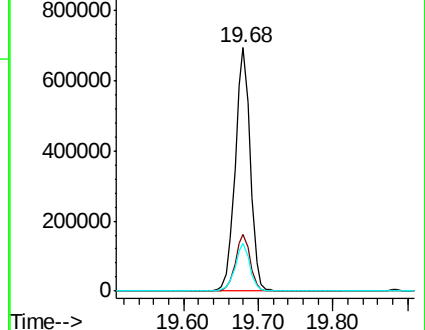
203 19.5 15.3 22.9

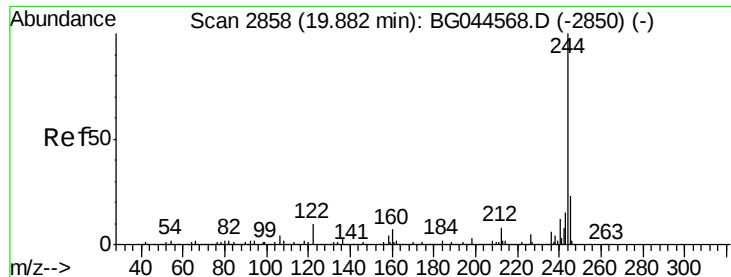


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.854 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

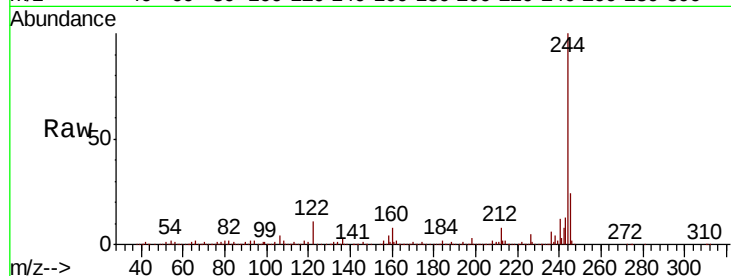
Tot Ion:244 Resp: 1375132

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

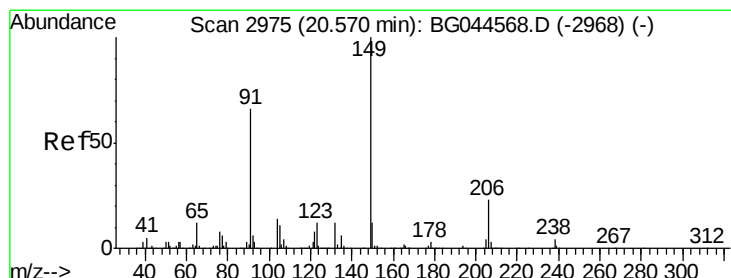
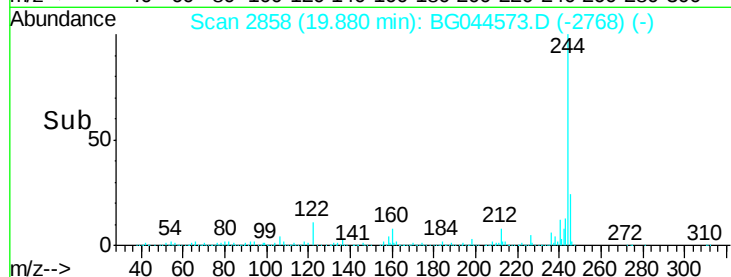
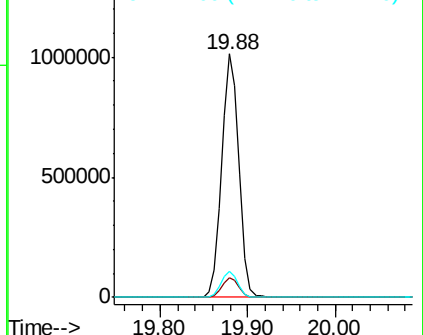
122 10.6 8.2 12.4



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: 37.227 ng

RT: 20.57 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

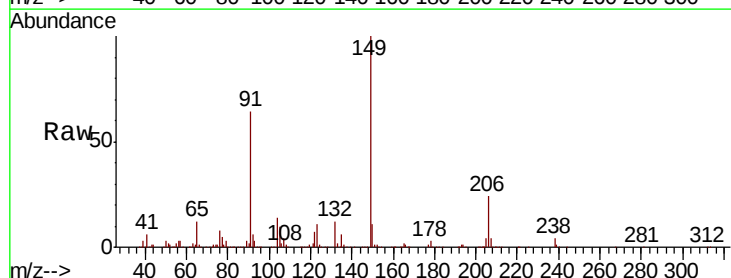
Tgt Ion:149 Resp: 405664

Ion Ratio Lower Upper

149 100

91 63.6 52.7 79.1

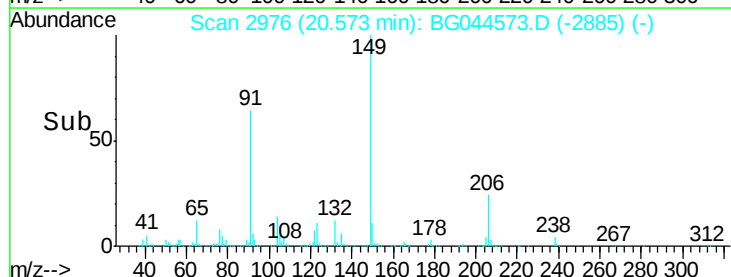
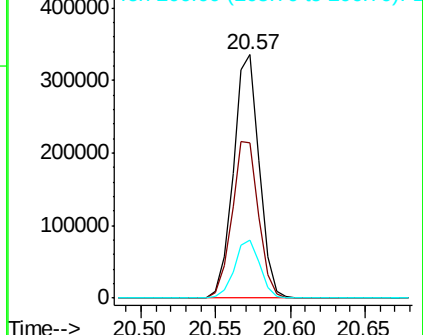
206 23.8 18.6 28.0

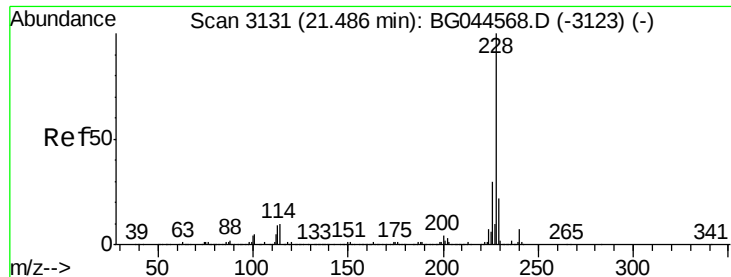


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

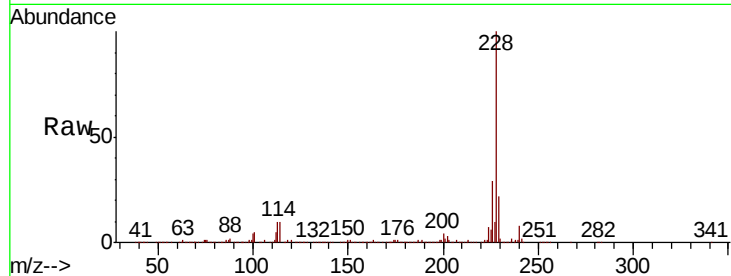




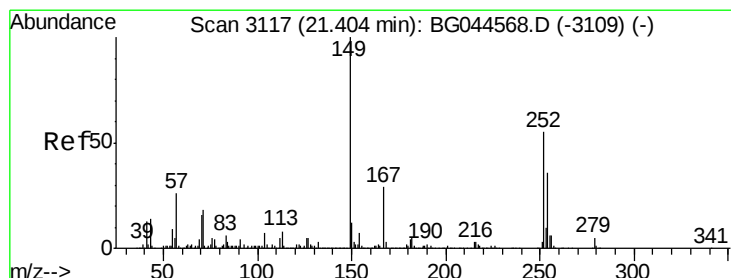
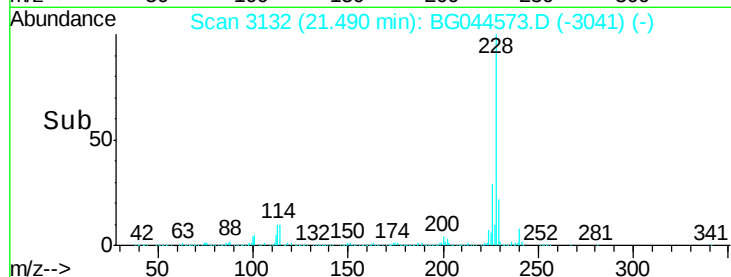
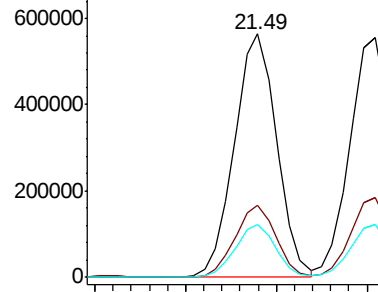
#81
Benzo(a)anthracene
Concen: 37.985 ng
RT: 21.49 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
ICVBG022420

Tot Ion:228 Resp: 916216
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.8
229 21.6 17.2 25.8

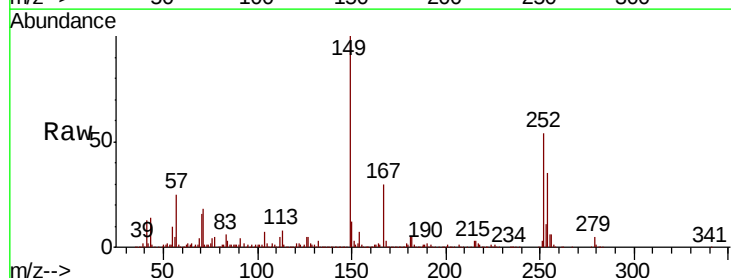


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

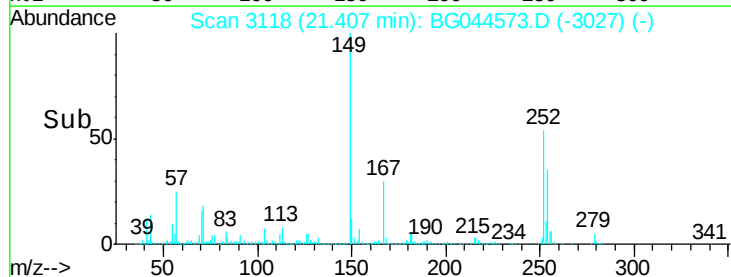
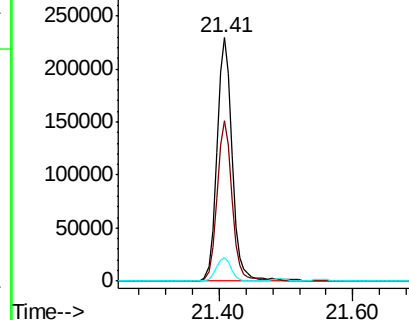


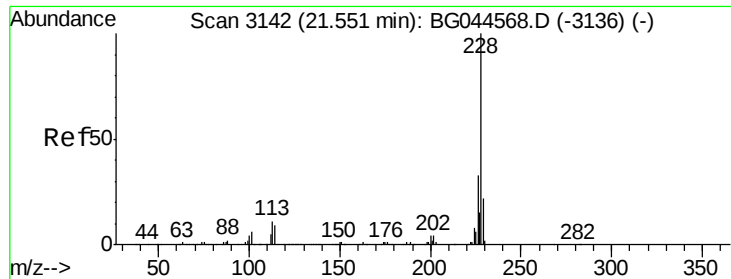
#82
3,3'-Dichlorobenzidine
Concen: 38.857 ng
RT: 21.41 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion:252 Resp: 370269
Ion Ratio Lower Upper
252 100
254 65.6 51.5 77.3
126 9.5 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: 38.104 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

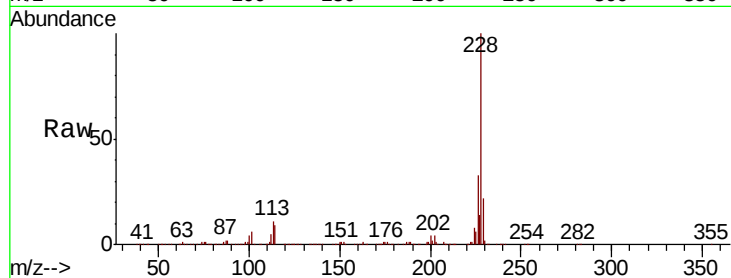
Tot Ion:228 Resp: 888623

Ion Ratio Lower Upper

228 100

226 33.1 26.1 39.1

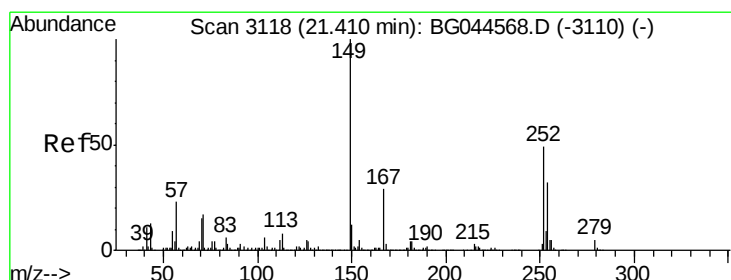
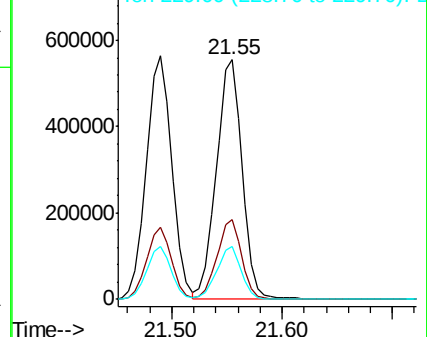
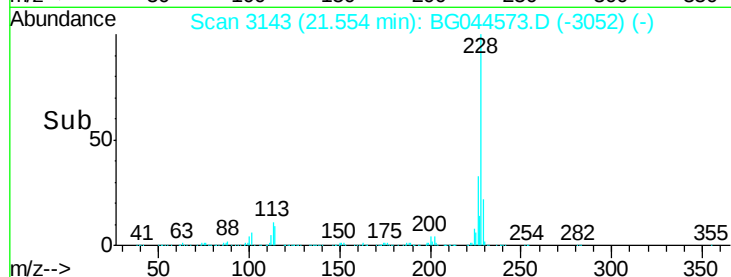
229 21.9 17.2 25.8



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: 37.979 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

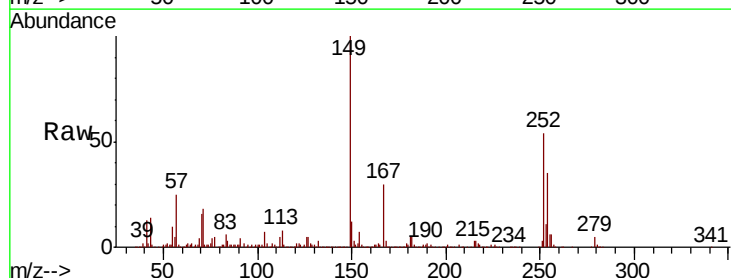
Tgt Ion:149 Resp: 570254

Ion Ratio Lower Upper

149 100

167 29.8 23.4 35.0

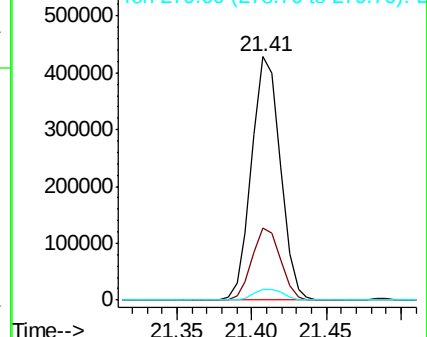
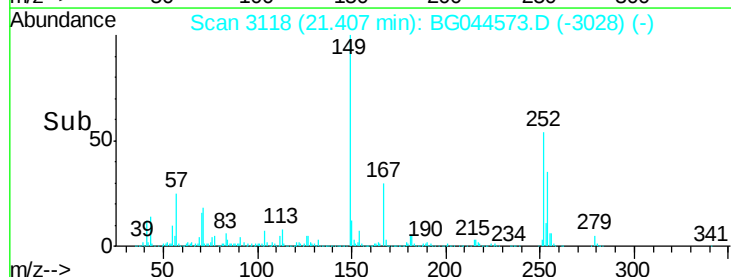
279 4.6 4.2 6.4

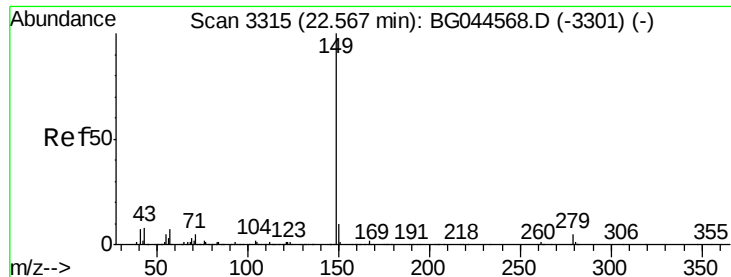


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

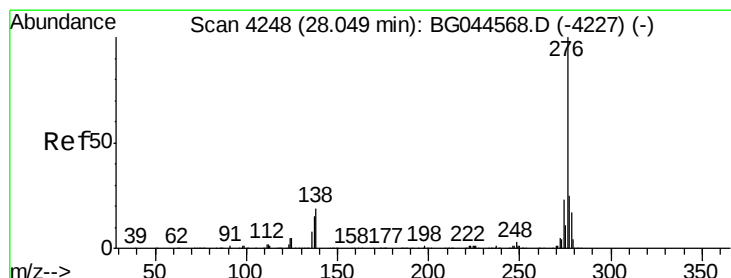
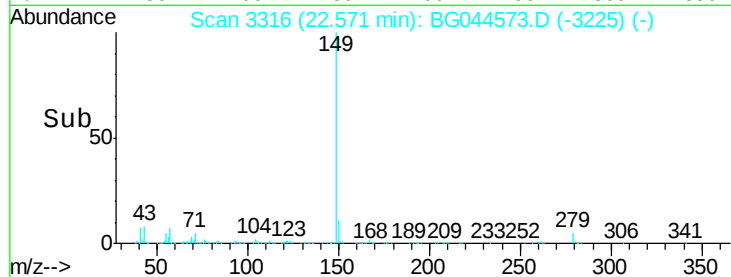
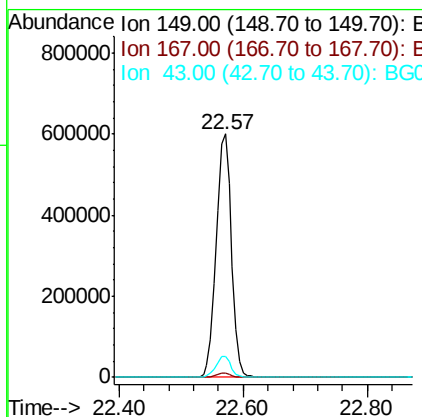
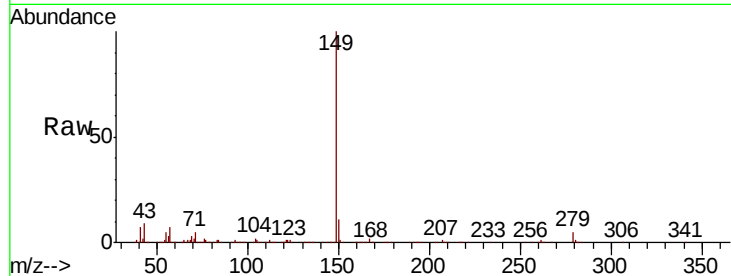




#85
Di-n-octyl phthalate
Concen: 38.461 ng
RT: 22.57 min Scan# 3316
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

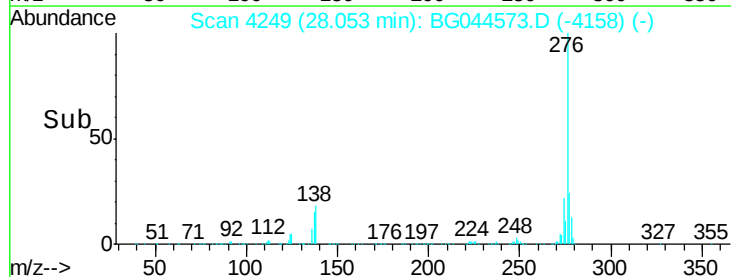
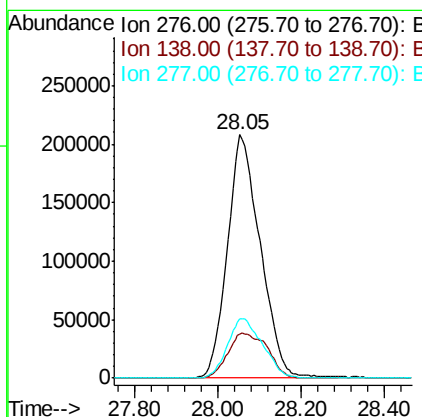
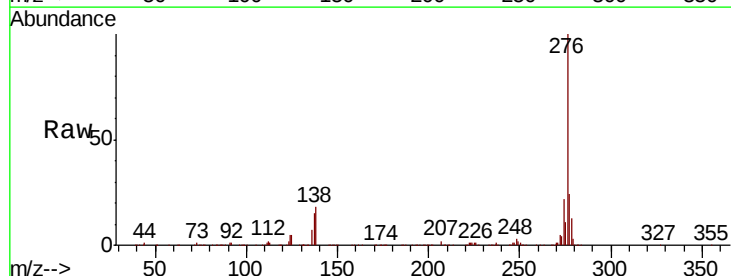
Instrument :
BNA_G
ClientSampleId :
ICVBG022420

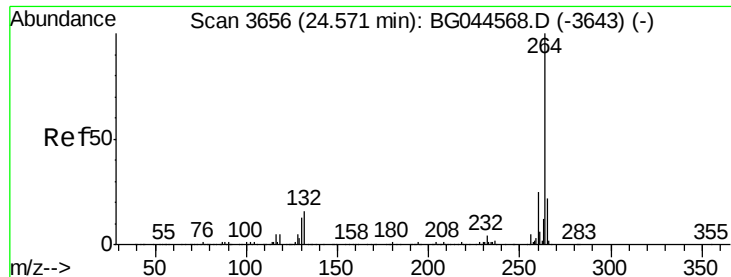
Tot Ion:149 Resp: 1016051
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.4 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.309 ng
RT: 28.05 min Scan# 4249
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion:276 Resp: 1146558
Ion Ratio Lower Upper
276 100
138 22.5 18.2 27.4
277 26.1 20.7 31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.57 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

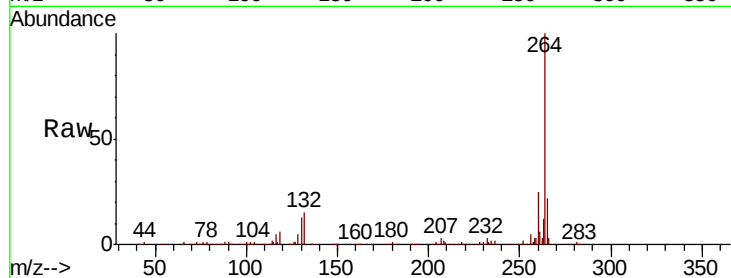
Tot Ion:264 Resp: 396044

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

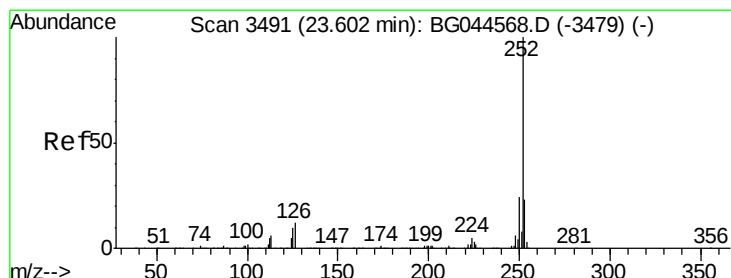
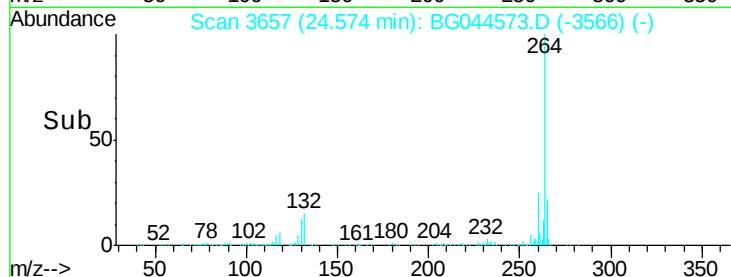
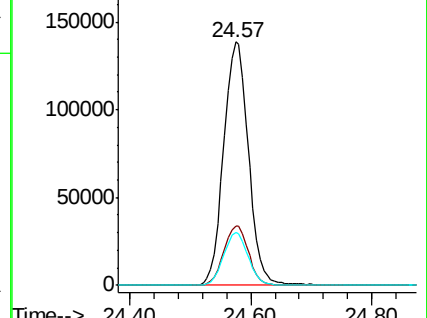
265 22.0 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.375 ng

RT: 23.61 min Scan# 3493

Delta R.T. 0.01 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

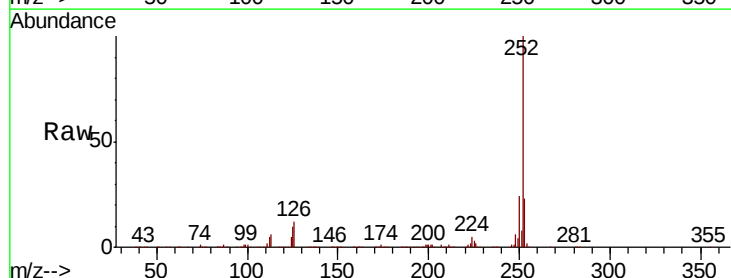
Tgt Ion:252 Resp: 999248

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

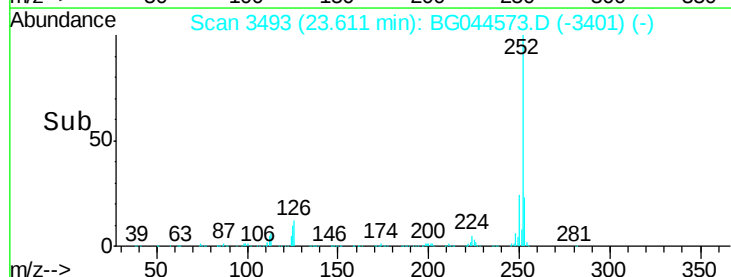
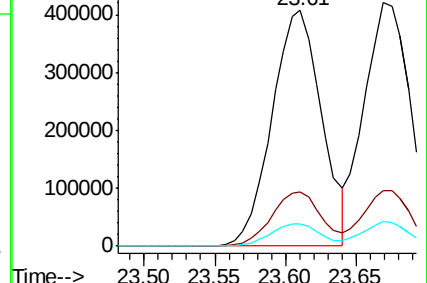
125 9.6 7.9 11.9

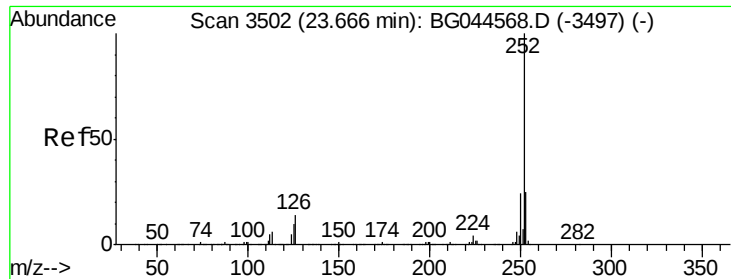


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.633 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

ICVBG022420

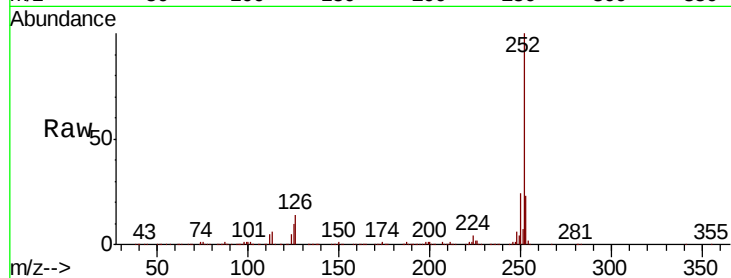
Tot Ion:252 Resp: 976073

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

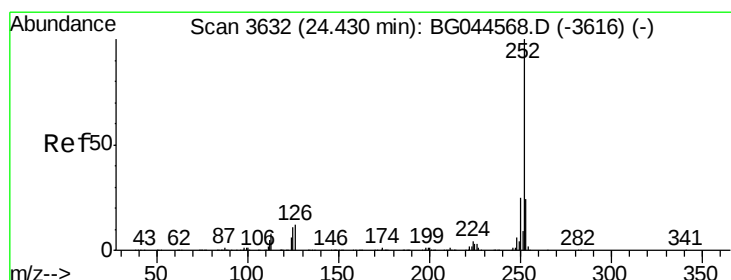
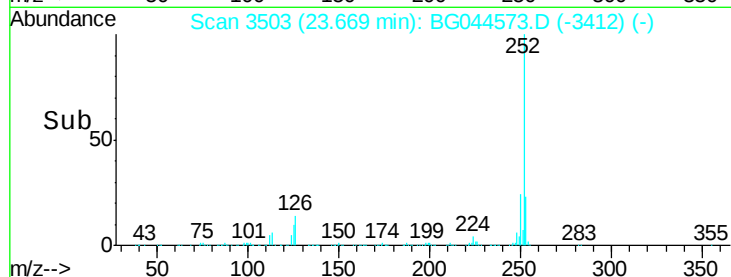
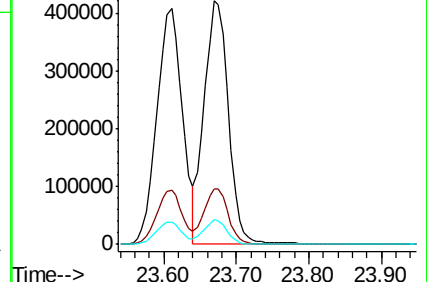
125 10.3 7.8 11.8



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: 39.803 ng

RT: 24.43 min Scan# 3633

Delta R.T. 0.00 min

Lab File: BG044573.D

Acq: 24 Feb 2020 16:04

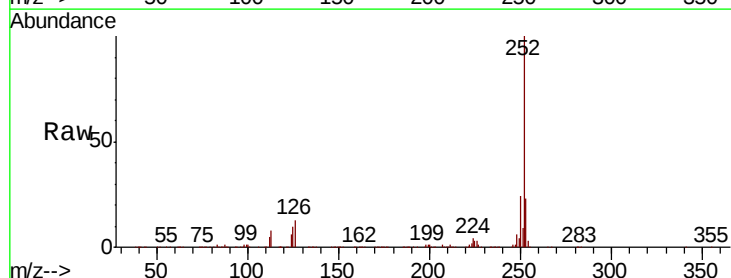
Tgt Ion:252 Resp: 973795

Ion Ratio Lower Upper

252 100

253 23.1 19.0 28.4

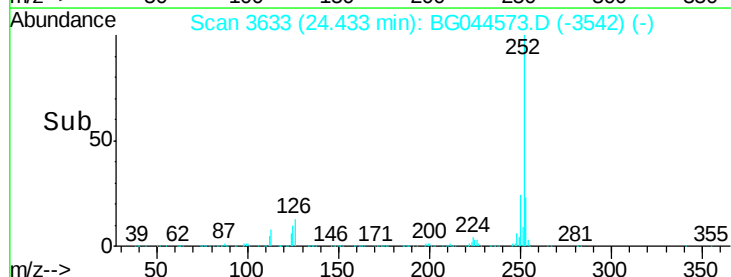
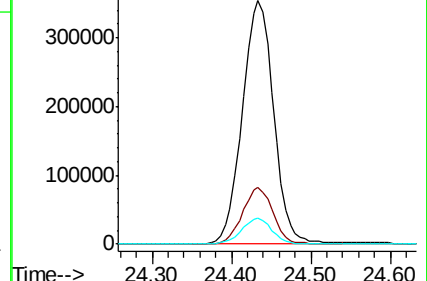
125 10.5 8.5 12.7

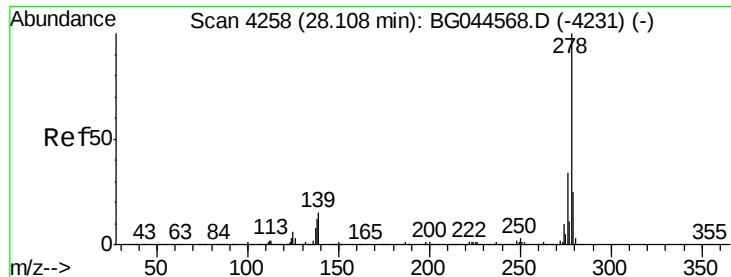


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

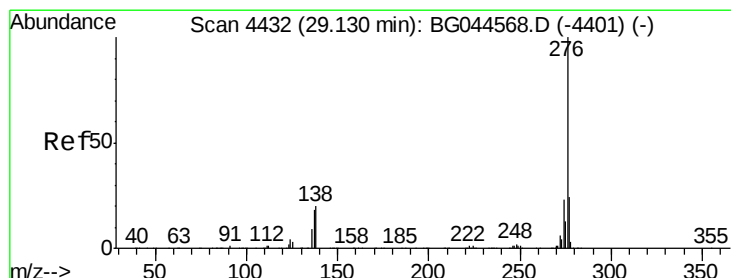
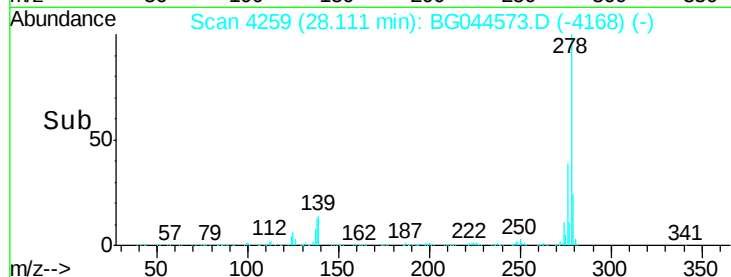
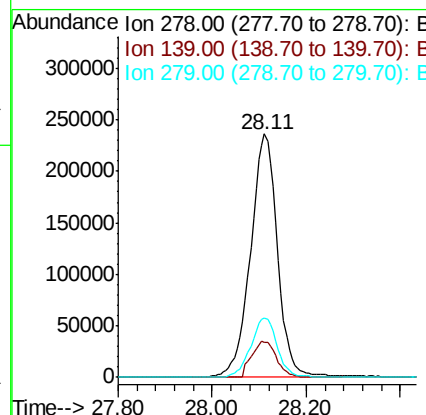
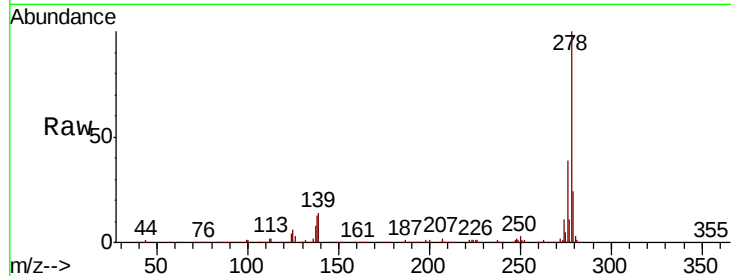




#91
Dibenzo(a,h)anthracene
Concen: 38.908 ng
RT: 28.11 min Scan# 4259
Delta R.T. 0.00 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
ICVBG022420

Tot Ion:278 Resp: 941411
Ion Ratio Lower Upper
278 100
139 14.2 11.7 17.5
279 24.4 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 39.289 ng
RT: 29.14 min Scan# 4434
Delta R.T. 0.01 min
Lab File: BG044573.D
Acq: 24 Feb 2020 16:04

Tgt Ion:276 Resp: 952444
Ion Ratio Lower Upper
276 100
277 23.6 19.5 29.3
138 19.2 16.1 24.1

