

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022820\
 Data File : BG044623.D
 Acq On : 28 Feb 2020 17:46
 Operator : CG/JU
 Sample : L1161-07
 Misc : LOW-WTR-10PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 07:45:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 07:39:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	53136	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	207074	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	139654	20.00	ng	0.00
64) Phenanthrene-d10	17.25	188	322230	20.00	ng	0.00
76) Chrysene-d12	21.50	240	314672	20.00	ng	0.00
87) Perylene-d12	24.56	264	351703	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	480165	144.99	ng	0.00
7) Phenol-d6	7.04	99	611861	134.97	ng	0.00
23) Nitrobenzene-d5	9.02	82	385928	96.02	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	293989	148.47	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	941086	96.50	ng	0.00
79) Terphenyl-d14	19.87	244	1588838	95.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	16430	11.369	ng	87
3) Pyridine	3.73	79	28492	7.066	ng	98
4) n-Nitrosodimethylamine	3.65	42	14209	9.278	ng	96
6) Aniline	7.19	93	47333	8.576	ng	99
8) 2-Chlorophenol	7.44	128	32073	8.872	ng	97
9) Benzaldehyde	7.01	77	29285	10.986	ng	94
10) Phenol	7.07	94	38430	8.748	ng	91
11) bis(2-Chloroethyl)ether	7.29	93	32452	8.787	ng	97
12) 1,3-Dichlorobenzene	7.76	146	37507	8.699	ng	98
13) 1,4-Dichlorobenzene	7.90	146	38597	8.907	ng	96
14) 1,2-Dichlorobenzene	8.22	146	34975	8.487	ng	98
15) Benzyl Alcohol	8.10	79	23835	7.796	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.40	45	41645	8.391	ng	97
17) 2-Methylphenol	8.32	107	25301	8.062	ng	93
18) Hexachloroethane	8.95	117	13328	8.416	ng	96
19) n-Nitroso-di-n-propylamine	8.67	70	25252	8.666	ng	97
20) 3+4-Methylphenols	8.65	107	34147	7.947	ng	98
22) Acetophenone	8.69	105	50877	9.786	ng	98
24) Nitrobenzene	9.06	77	35491	9.114	ng	99
25) Isophorone	9.59	82	68458	9.104	ng	98
26) 2-Nitrophenol	9.79	139	16834	7.971	ng	100
27) 2,4-Dimethylphenol	9.85	122	29815	10.055	ng	95
28) bis(2-Chloroethoxy)methane	10.08	93	41836	8.414	ng	99
29) 2,4-Dichlorophenol	10.34	162	28493	8.037	ng	97
30) 1,2,4-Trichlorobenzene	10.53	180	35278	8.605	ng	95
31) Naphthalene	10.71	128	105269	9.316	ng	98
32) Benzoic acid	9.85	122	29815	25.905	ng	# 14
33) 4-Chloroaniline	10.84	127	40142	8.066	ng	98
34) Hexachlorobutadiene	11.01	225	21903	8.507	ng	99
35) Caprolactam	11.58	113	11247	8.862	ng	# 83
36) 4-Chloro-3-methylphenol	11.97	107	31619	8.665	ng	92
37) 2-Methylnaphthalene	12.33	142	78281	9.374	ng	98
38) 1-Methylnaphthalene	12.55	142	74784	9.425	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	42145	8.964	ng	99

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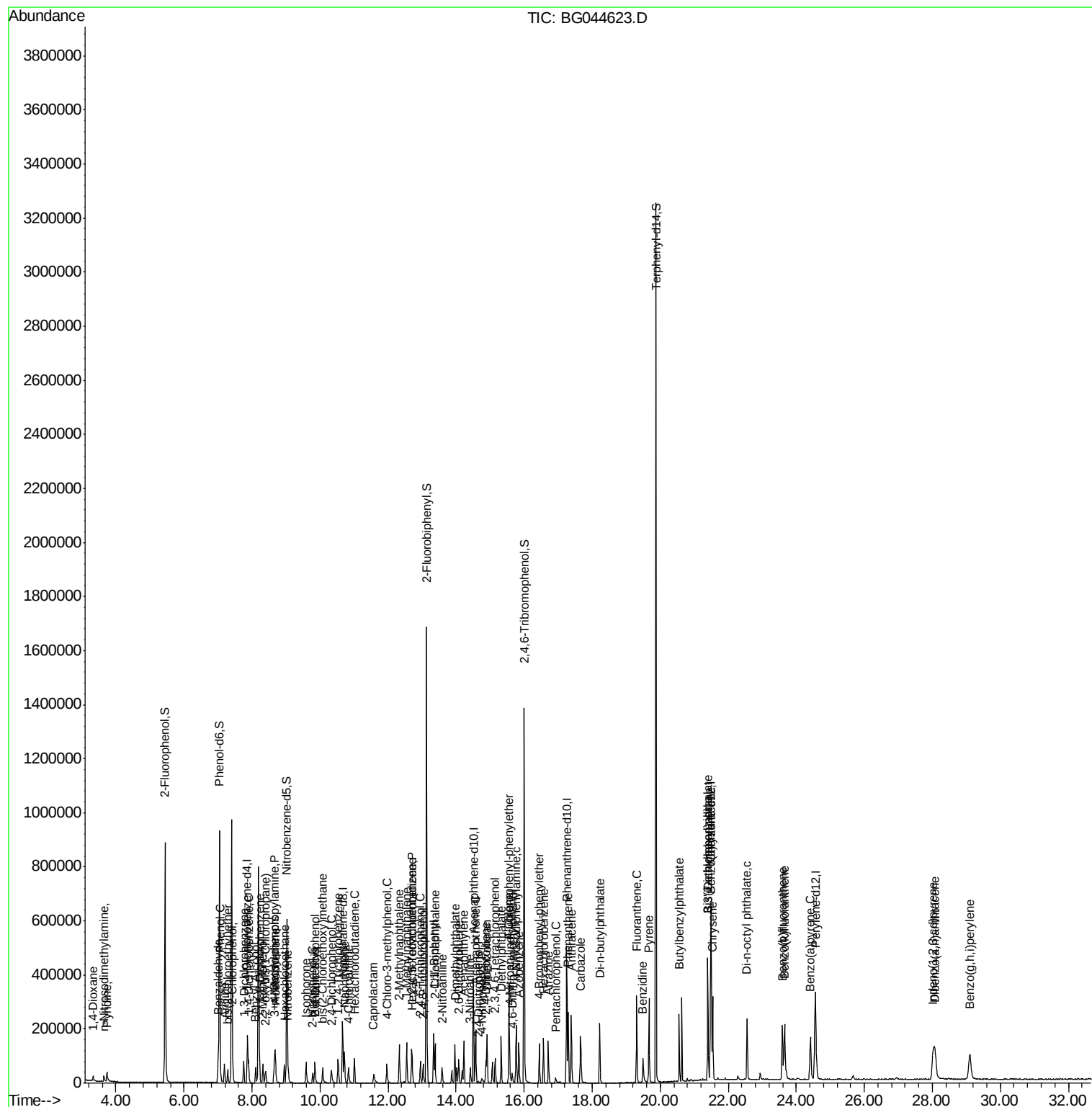
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	8672	4.676	ng	94
43) 2,4,6-Trichlorophenol	12.95	196	23260	7.619	ng	98
44) 2,4,5-Trichlorophenol	13.03	196	27008	8.613	ng	96
46) 1,1'-Biphenyl	13.34	154	104957	9.082	ng	99
47) 2-Chloronaphthalene	13.38	162	78500	8.662	ng	98
48) 2-Nitroaniline	13.59	65	18763	7.459	ng	96
49) Acenaphthylene	14.23	152	124249	9.288	ng	98
50) Dimethylphthalate	13.96	163	104575	9.277	ng	98
51) 2,6-Dinitrotoluene	14.08	165	21938	8.825	ng	96
52) Acenaphthene	14.57	154	75343	8.835	ng	95
53) 3-Nitroaniline	14.42	138	18584	6.932	ng	98
54) 2,4-Dinitrophenol	14.64	184	2864	2.398	ng	94
55) Dibenzofuran	14.91	168	127262	9.735	ng	99
56) 4-Nitrophenol	14.76	139	10135	5.496	ng	92
57) 2,4-Dinitrotoluene	14.87	165	29657	8.485	ng	# 97
58) Fluorene	15.56	166	99120	9.563	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.14	232	23139	8.013	ng	94
60) Diethylphthalate	15.33	149	104976	9.399	ng	97
61) 4-Chlorophenyl-phenylether	15.56	204	52125	9.249	ng	98
62) 4-Nitroaniline	15.58	138	20134	7.500	ng	91
63) Azobenzene	15.84	77	90687	9.541	ng	97
65) 4,6-Dinitro-2-methylphenol	15.65	198	12228	6.129	ng	96
66) n-Nitrosodiphenylamine	15.77	169	90876	9.041	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	33240	8.310	ng	97
68) Hexachlorobenzene	16.57	284	38717	8.562	ng	96
69) Atrazine	16.72	200	36239	9.753	ng	97
70) Pentachlorophenol	16.92	266	8718	4.653	ng	94
71) Phenanthrene	17.29	178	170929	9.581	ng	97
72) Anthracene	17.39	178	170572	9.702	ng	99
73) Carbazole	17.66	167	146522	9.156	ng	97
74) Di-n-butylphthalate	18.22	149	181285	9.040	ng	98
75) Fluoranthene	19.31	202	206339	9.771	ng	97
77) Benzidine	19.49	184	92188	8.552	ng	98
78) Pyrene	19.67	202	212711	9.312	ng	97
80) Butylbenzylphthalate	20.56	149	79029	7.910	ng	99
81) Benzo(a)anthracene	21.48	228	201775	9.123	ng	97
82) 3,3'-Dichlorobenzidine	21.40	252	80340	9.195	ng	100
83) Chrysene	21.54	228	199326	9.322	ng	98
84) Bis(2-ethylhexyl)phthalate	21.40	149	117890	8.563	ng	# 96
85) Di-n-octyl phthalate	22.55	149	196058	8.094	ng	99
86) Indeno(1,2,3-cd)pyrene	28.02	276	228147	8.314	ng	98
88) Benzo(b)fluoranthene	23.59	252	197889	8.558	ng	98
89) Benzo(k)fluoranthene	23.66	252	210675	9.390	ng	95
90) Benzo(a)pyrene	24.42	252	184388	8.487	ng	98
91) Dibenzo(a,h)anthracene	28.08	278	186084	8.660	ng	98
92) Benzo(g,h,i)perylene	29.10	276	192099	8.923	ng	99

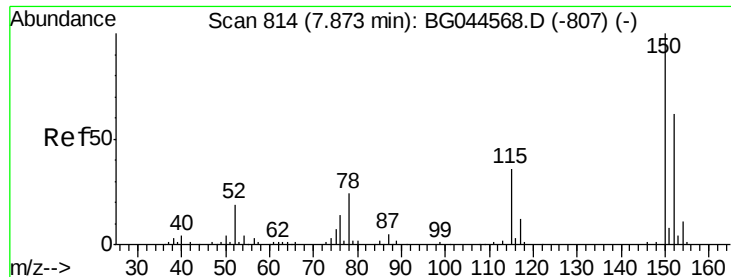
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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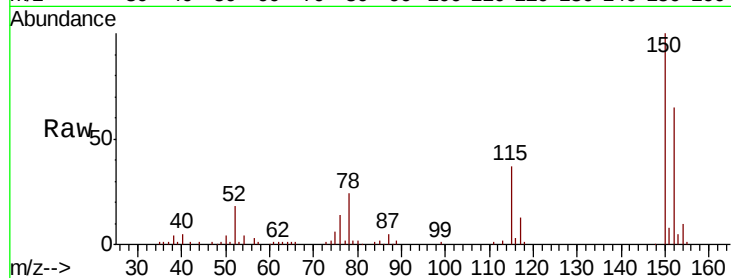


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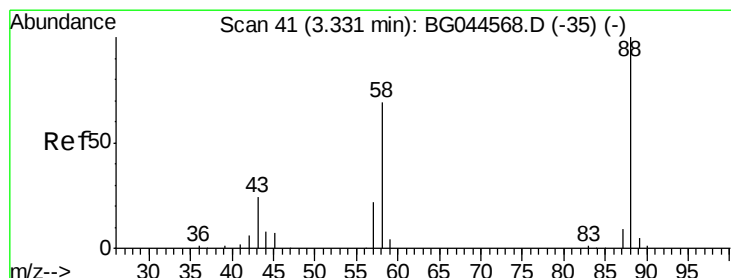
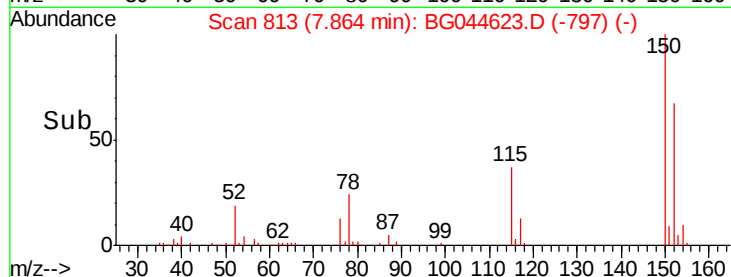
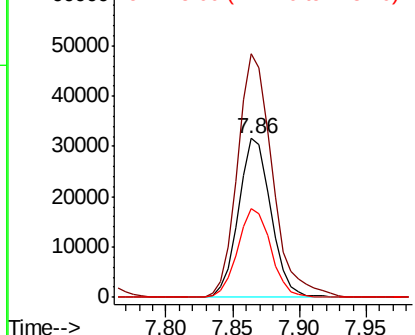
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.86 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 53136
 Ion Ratio Lower Upper
 152 100
 150 153.2 128.9 193.3
 115 56.0 47.0 70.4



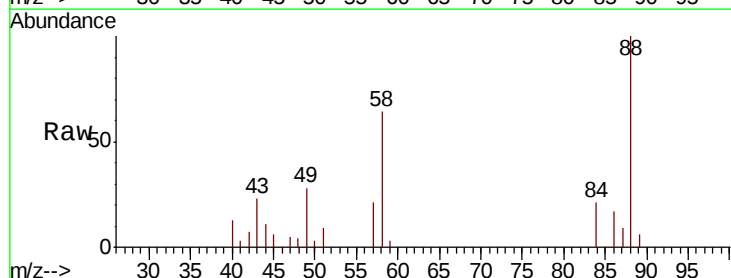
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



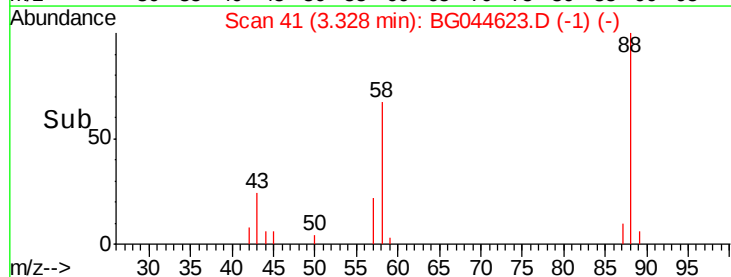
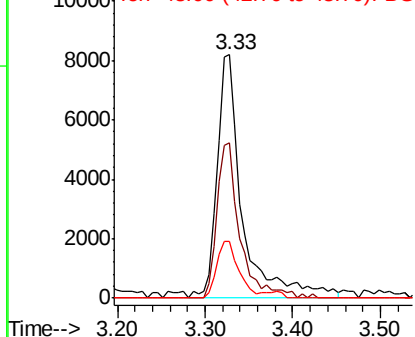
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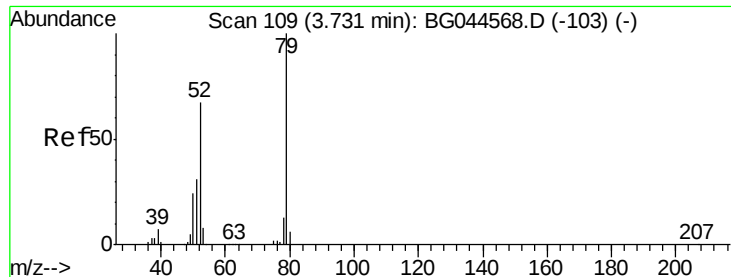
1,4-Dioxane
 Concen: 11.369 ng
 RT: 3.33 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion: 88 Resp: 16430
 Ion Ratio Lower Upper
 88 100
 58 58.0 55.8 83.8
 43 21.0 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: 7.066 ng

RT: 3.73 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

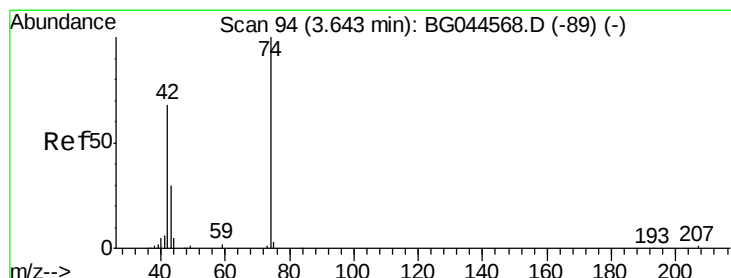
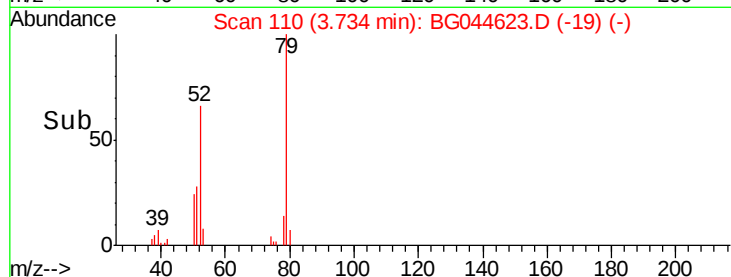
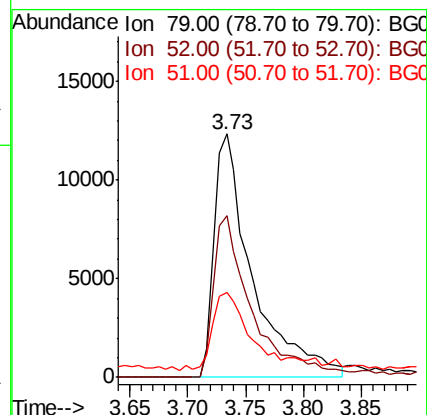
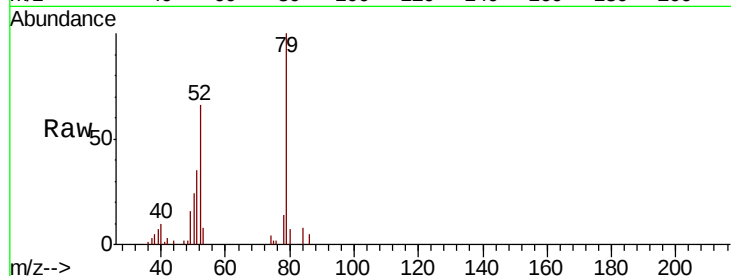
Tot Ion: 79 Resp: 28492

Ion Ratio Lower Upper

79 100

52 66.4 53.7 80.5

51 34.8 25.4 38.0



#4

n-Nitrosodimethylamine

Concen: 9.278 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

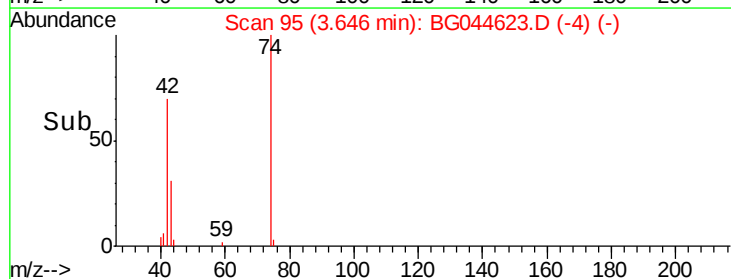
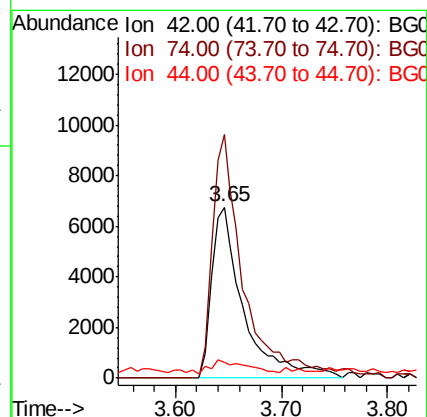
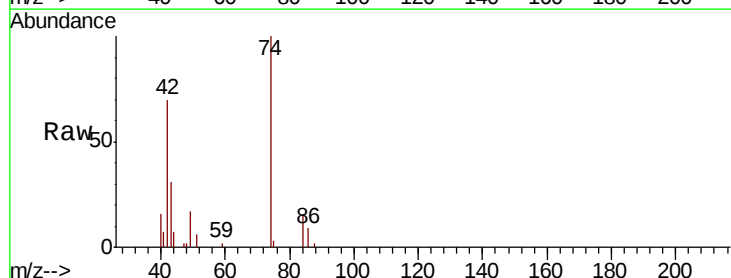
Tgt Ion: 42 Resp: 14209

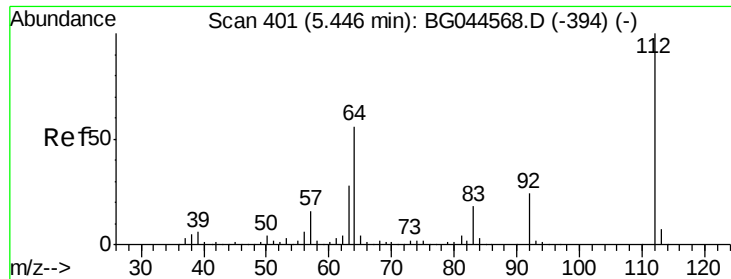
Ion Ratio Lower Upper

42 100

74 142.4 117.6 176.4

44 9.3 6.3 9.5





#5

2-Fluorophenol

Concen: 144.988 ng

RT: 5.44 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

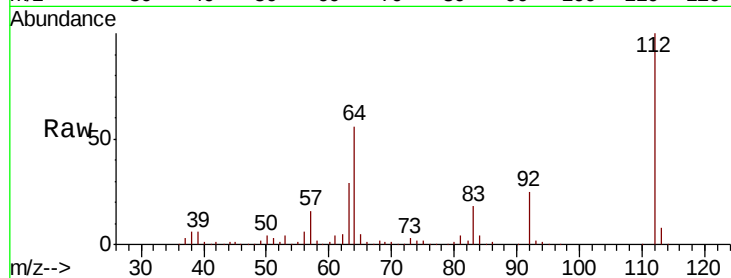
Tot Ion:112 Resp: 480165

Ion Ratio Lower Upper

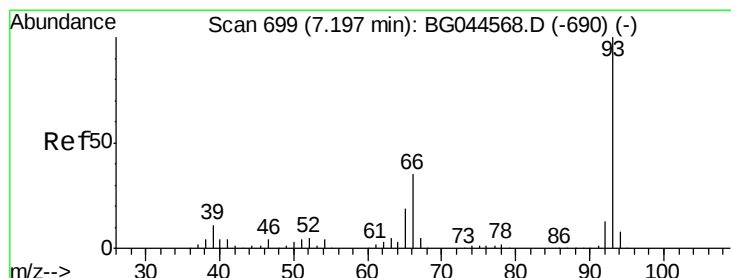
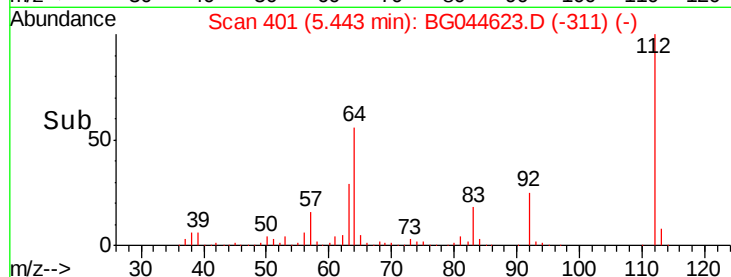
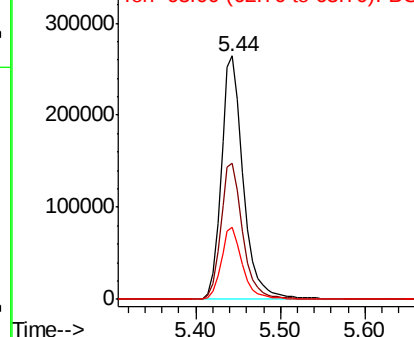
112 100

64 55.9 44.8 67.2

63 29.5 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: 8.576 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

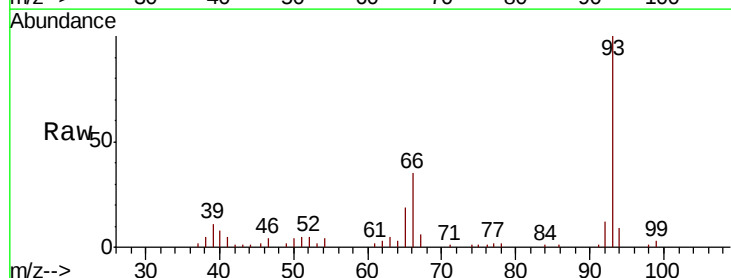
Tgt Ion: 93 Resp: 47333

Ion Ratio Lower Upper

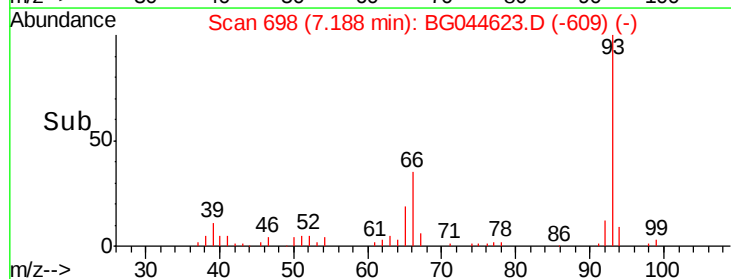
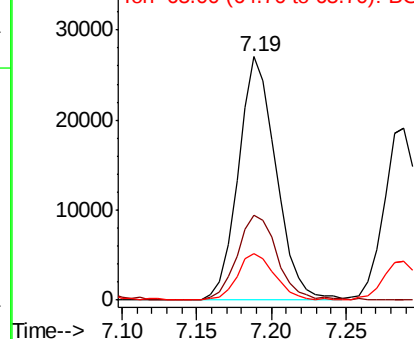
93 100

66 35.0 27.8 41.8

65 19.4 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: 134.975 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

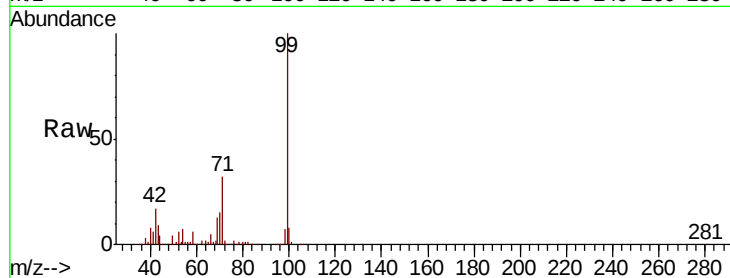
Tot Ion: 99 Resp: 611861

Ion Ratio Lower Upper

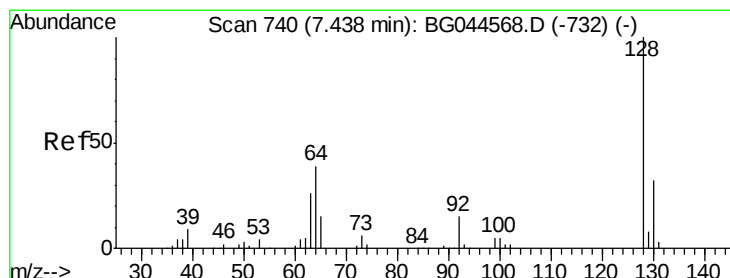
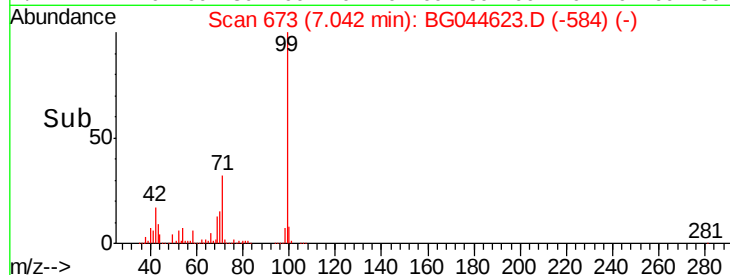
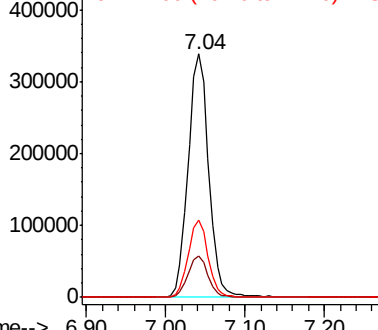
99 100

42 17.0 12.8 19.2

71 31.8 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 8.872 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

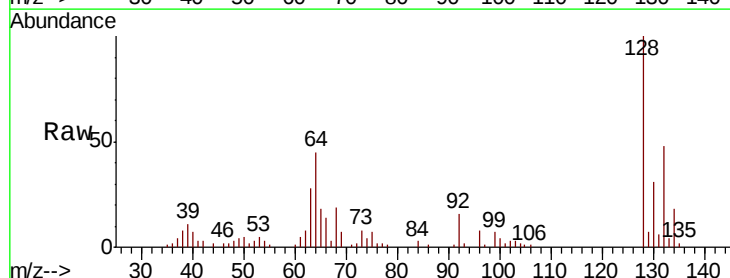
Tgt Ion: 128 Resp: 32073

Ion Ratio Lower Upper

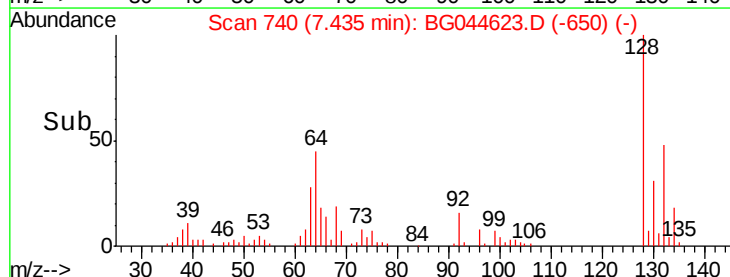
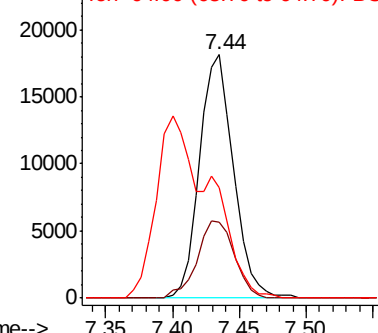
128 100

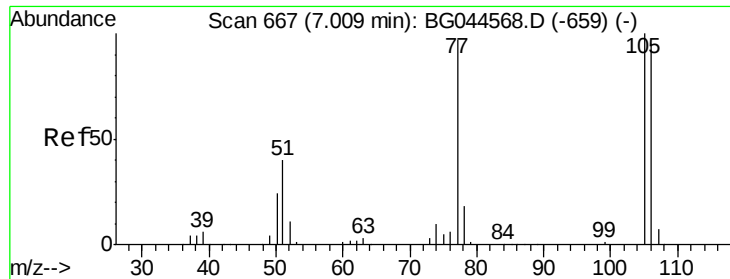
130 31.4 12.3 52.3

64 45.3 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

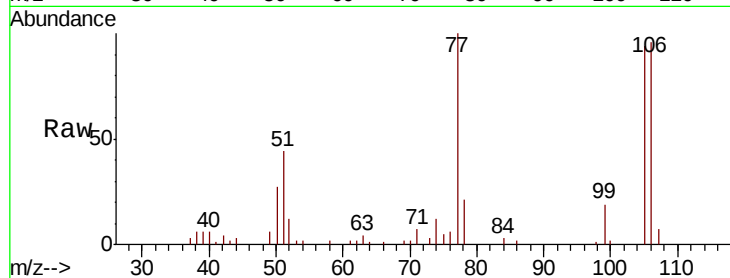




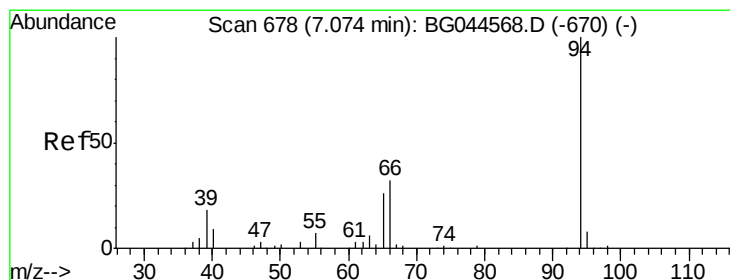
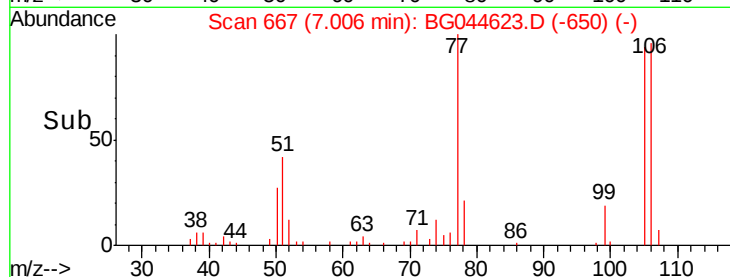
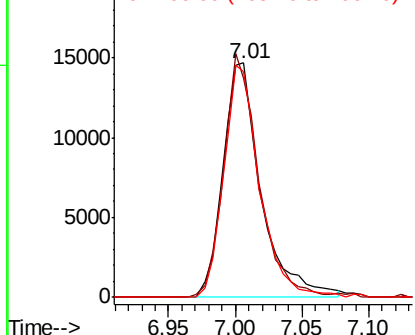
#9
Benzaldehyde
Concen: 10.986 ng
RT: 7.01 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG044623.D
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Instrument :
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ClientSampleId :

Tot Ion: 77 Resp: 29285
Ion Ratio Lower Upper
77 100
105 93.8 83.6 123.6
106 96.1 78.2 118.2

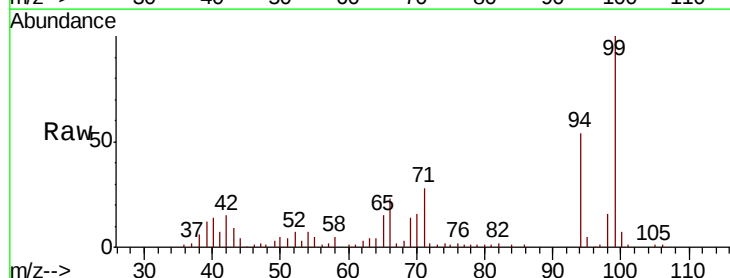


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

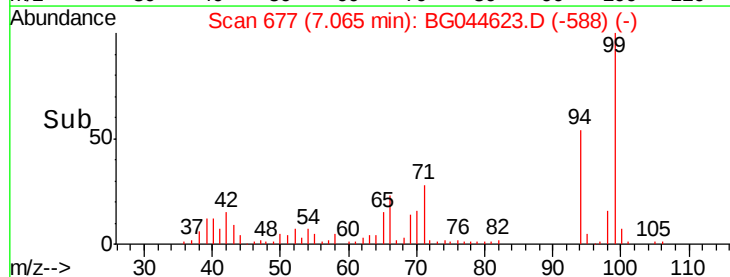
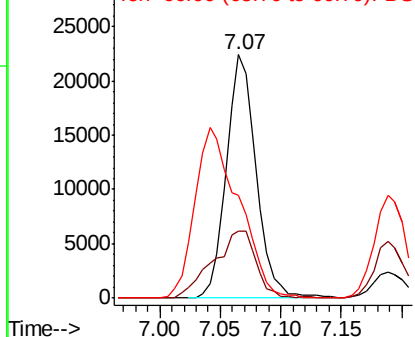


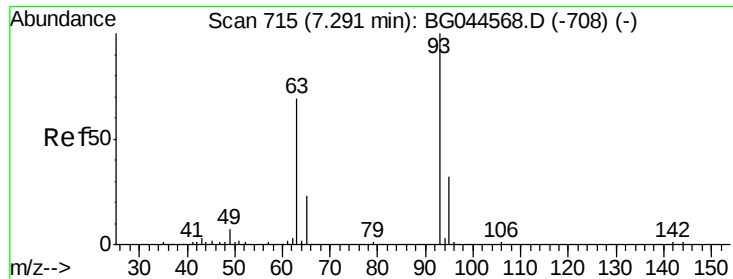
#10
Phenol
Concen: 8.748 ng
RT: 7.07 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion: 94 Resp: 38430
Ion Ratio Lower Upper
94 100
65 27.3 6.4 46.4
66 42.1 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

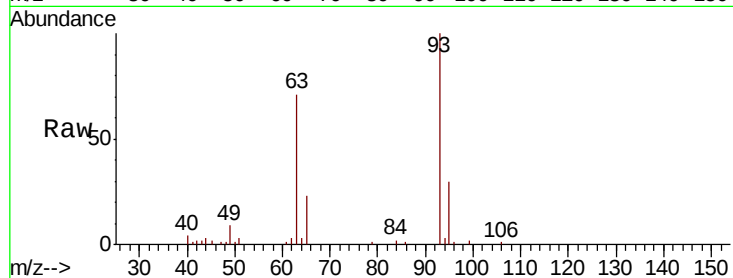




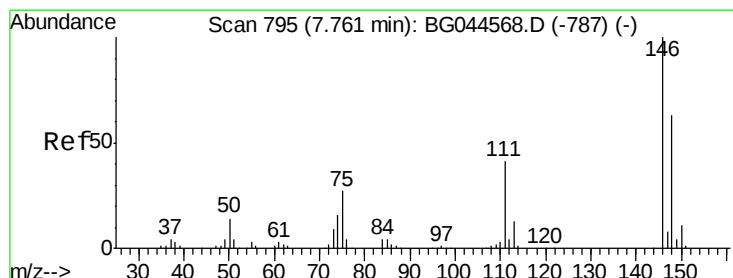
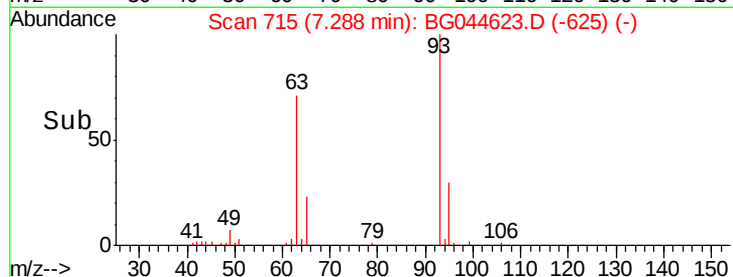
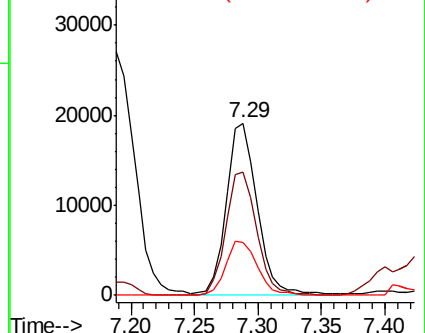
#11
 bis(2-Chloroethyl)ether
 Concen: 8.787 ng
 RT: 7.29 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 32452
 Ion Ratio Lower Upper
 93 100
 63 71.4 48.9 88.9
 95 30.5 11.3 51.3

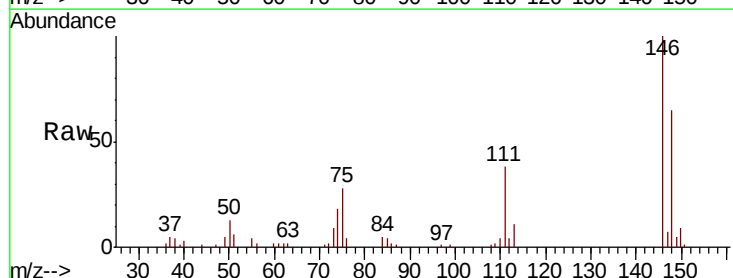


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

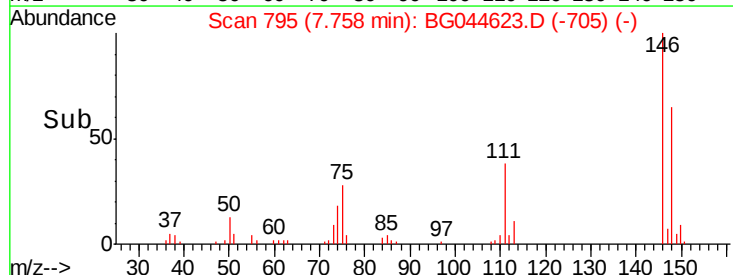
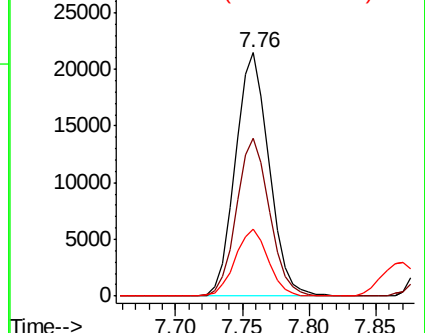


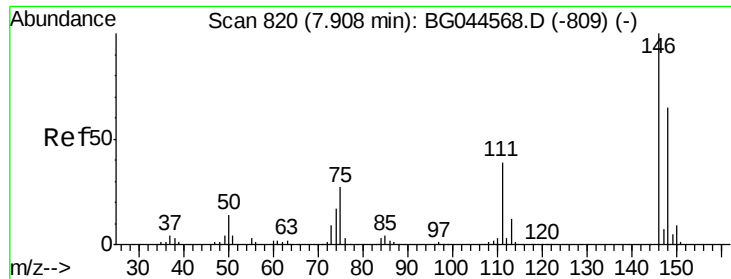
#12
 1,3-Dichlorobenzene
 Concen: 8.699 ng
 RT: 7.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion: 146 Resp: 37507
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.6 75.8
 75 27.6 21.4 32.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
 Ion 148.00 (147.70 to 148.70): BGC
 Ion 75.00 (74.70 to 75.70): BGC

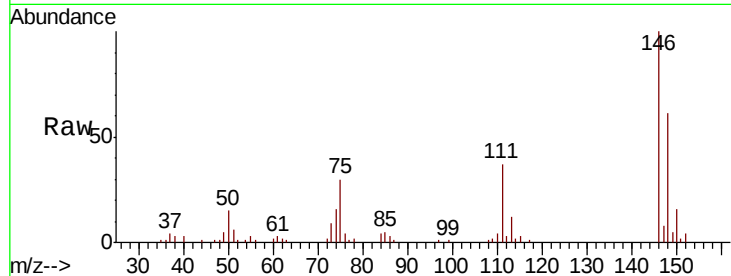




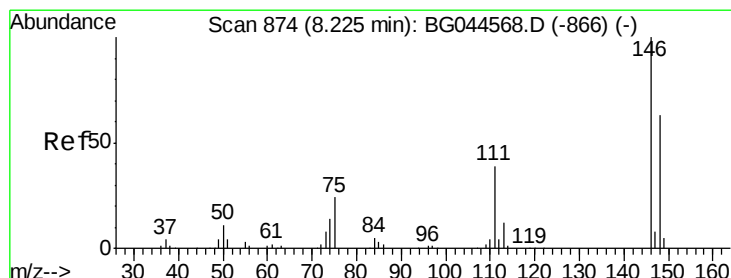
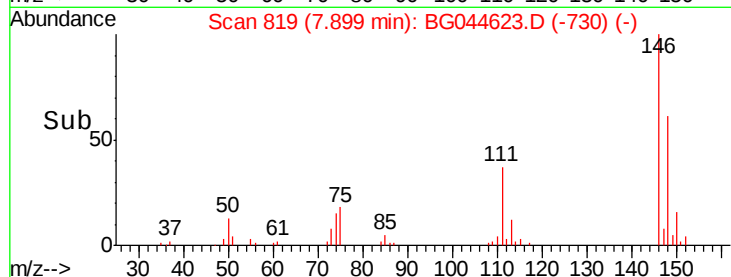
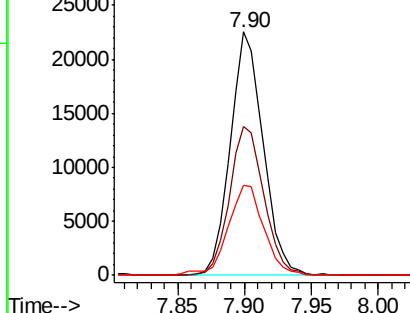
#13
 1,4-Dichlorobenzene
 Concen: 8.907 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 38597
 Ion Ratio Lower Upper
 146 100
 148 61.1 51.9 77.9
 111 37.0 30.8 46.2

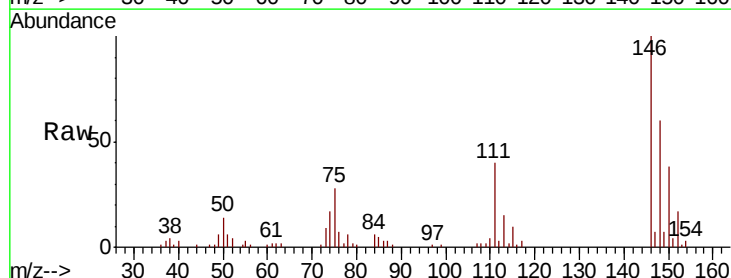


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

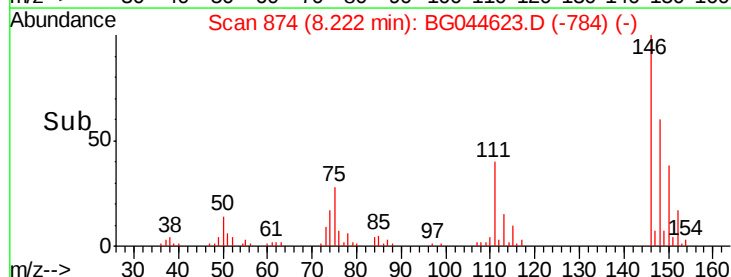
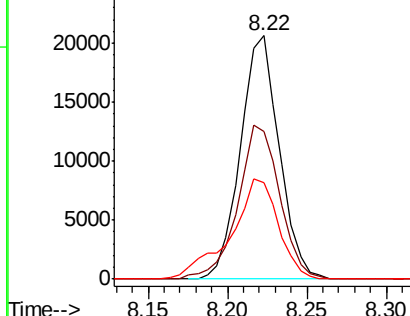


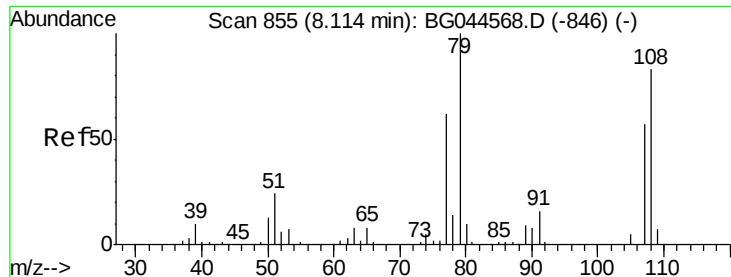
#14
 1,2-Dichlorobenzene
 Concen: 8.487 ng
 RT: 8.22 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion:146 Resp: 34975
 Ion Ratio Lower Upper
 146 100
 148 60.4 50.7 76.1
 111 39.7 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: 7.796 ng

RT: 8.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :
BNA_G
ClientSampleId :

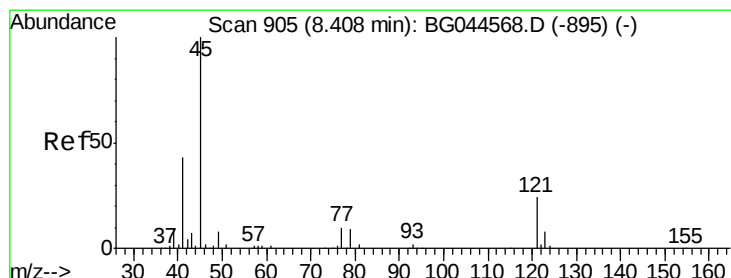
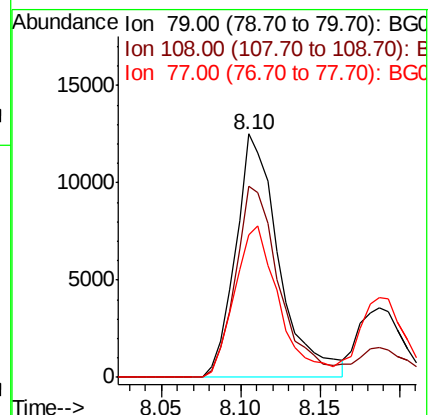
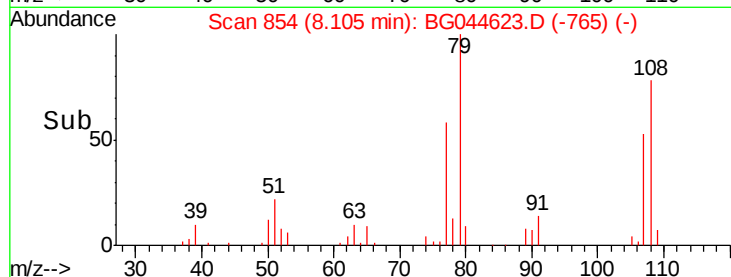
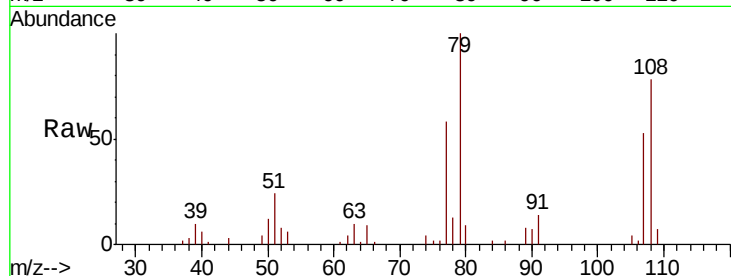
Tot Ion: 79 Resp: 23835

Ion Ratio Lower Upper

79 100

108 78.4 66.0 99.0

77 58.5 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.391 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

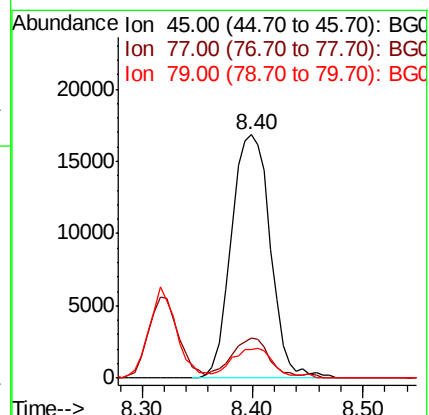
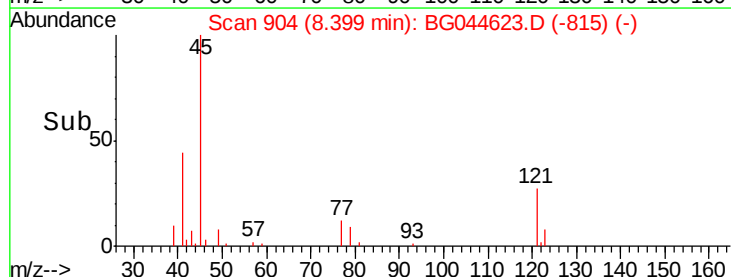
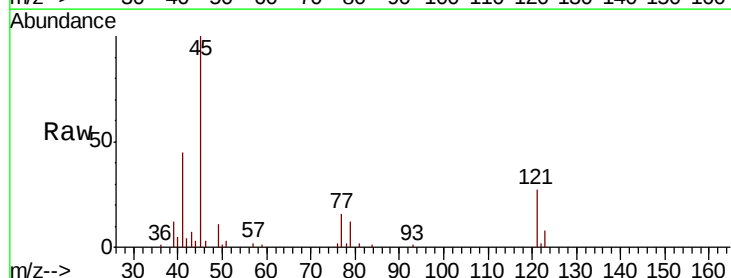
Tgt Ion: 45 Resp: 41645

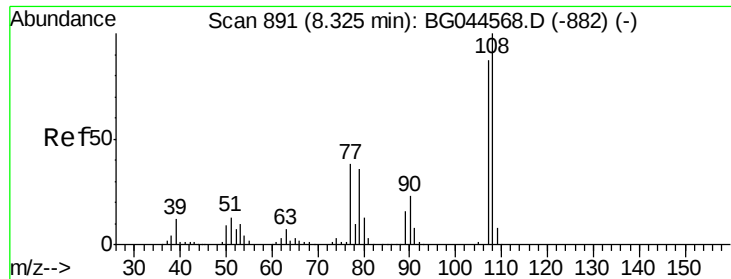
Ion Ratio Lower Upper

45 100

77 16.4 0.0 34.4

79 11.8 0.0 32.3

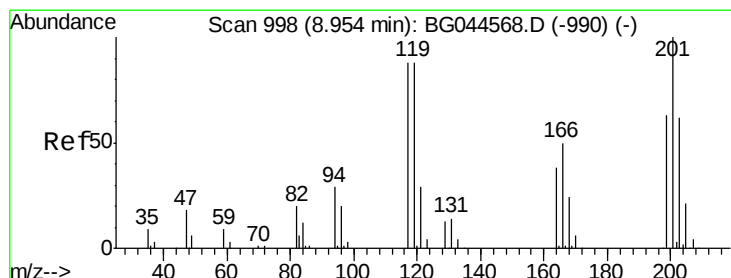
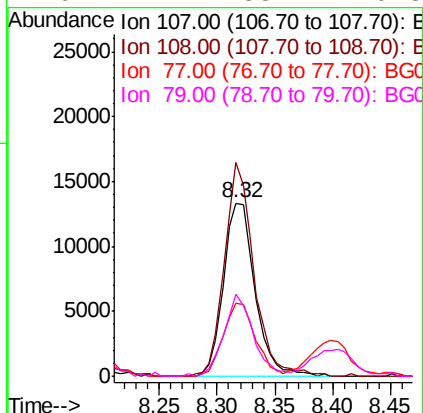
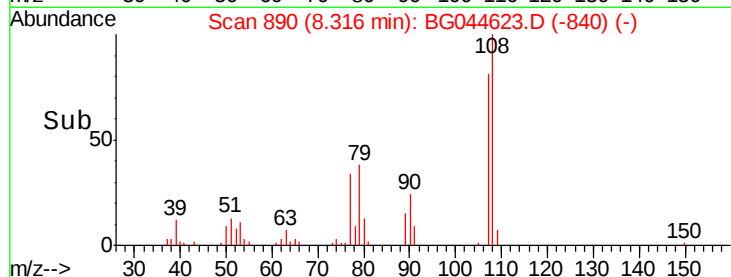
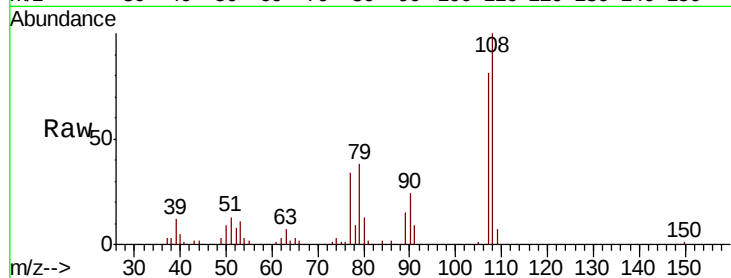




#17
2-Methylphenol
Concen: 8.062 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

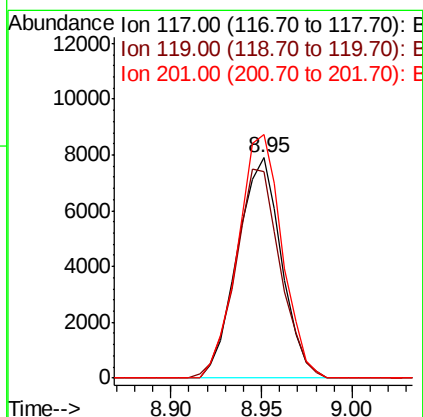
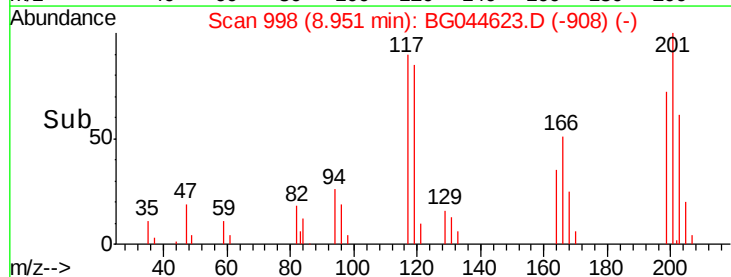
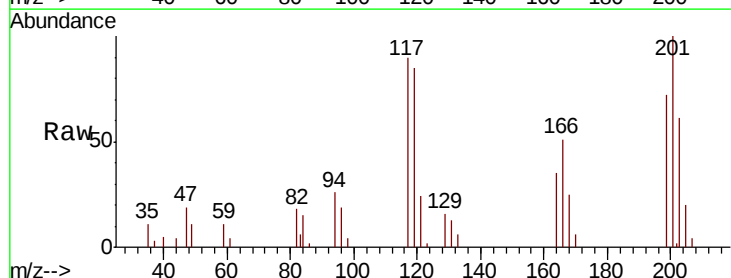
Instrument :
BNA_G
ClientSampled :

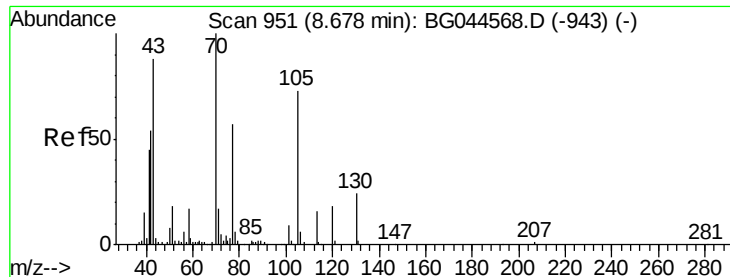
Tot Ion:107 Resp: 25301
Ion Ratio Lower Upper
107 100
108 123.3 91.7 137.5
77 41.9 35.1 52.7
79 47.1 33.2 49.8



#18
Hexachloroethane
Concen: 8.416 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion:117 Resp: 13328
Ion Ratio Lower Upper
117 100
119 93.6 80.0 120.0
201 110.6 90.5 135.7

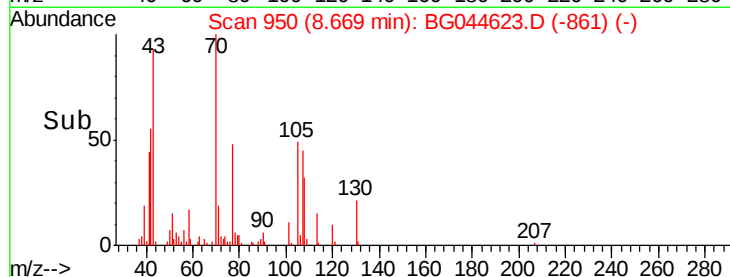
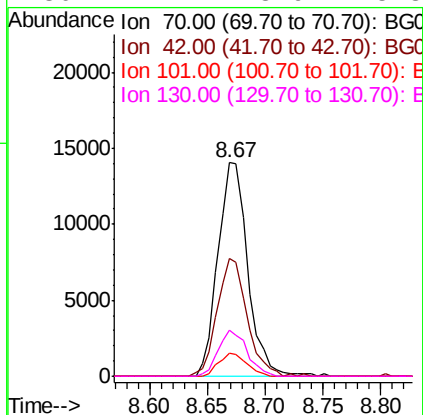
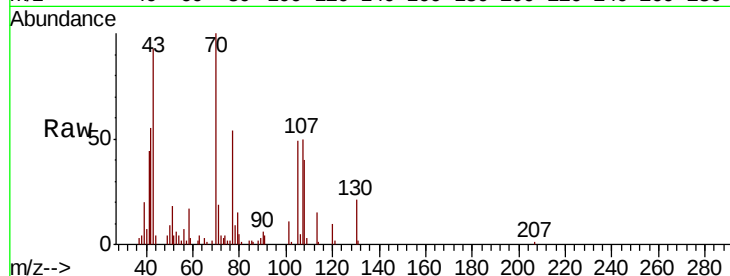




#19
n-Nitroso-di-n-propylamine
Concen: 8.666 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

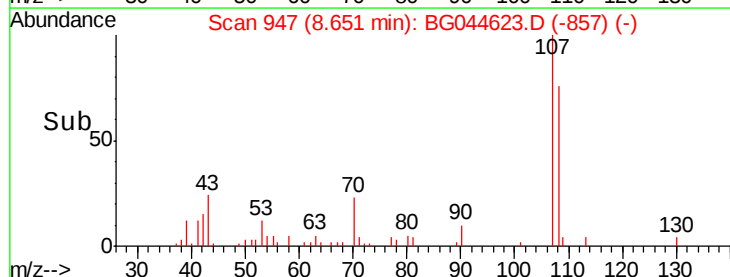
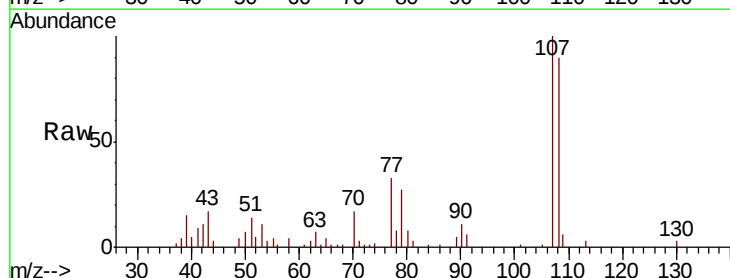
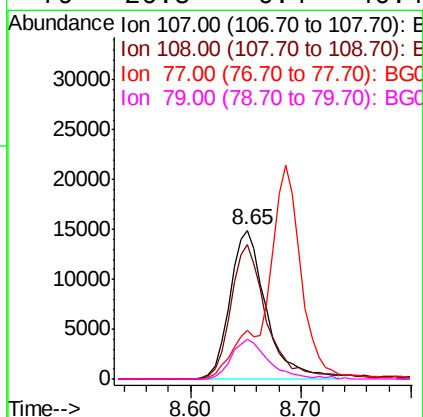
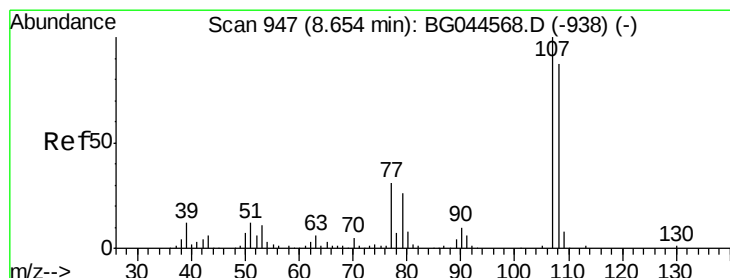
Instrument :
BNA_G
ClientSampleId :

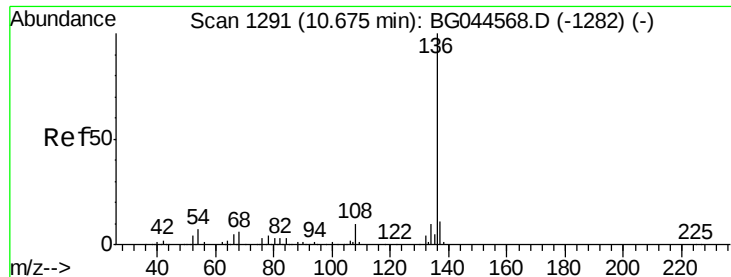
Tot Ion:	70	Resp:	25252
Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.4	65.0
101	10.8	7.5	11.3
130	21.4	18.9	28.3



#20
3+4-Methylphenols
Concen: 7.947 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion:	107	Resp:	34147
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.5	107.5
77	32.9	11.3	51.3
79	26.5	6.4	46.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 207074

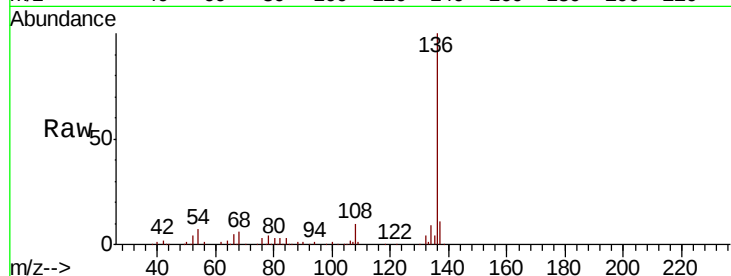
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.0 5.7 8.5

68 5.7 4.5 6.7

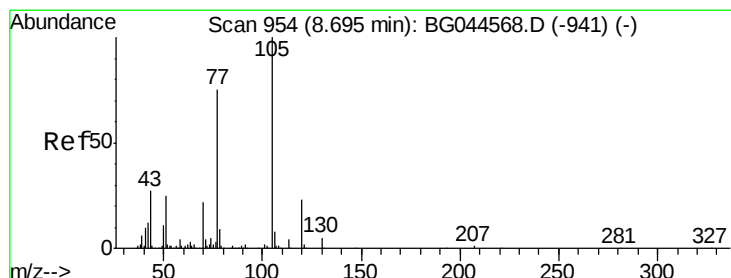
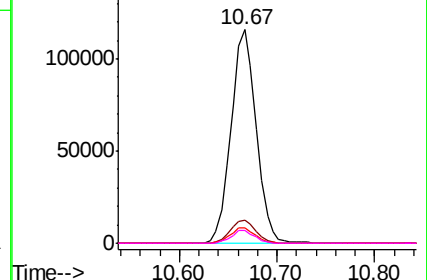
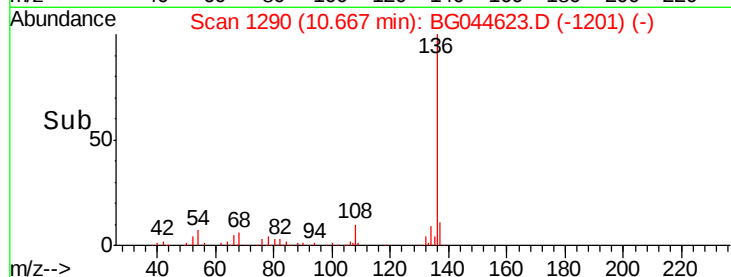


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 9.786 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Tgt Ion:105 Resp: 50877

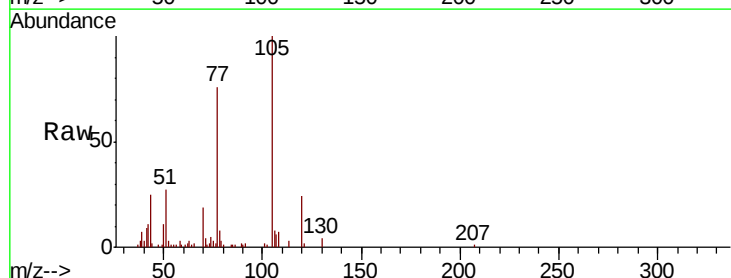
Ion Ratio Lower Upper

105 100

71 4.1 2.8 4.2

51 26.6 19.9 29.9

120 24.0 18.6 28.0

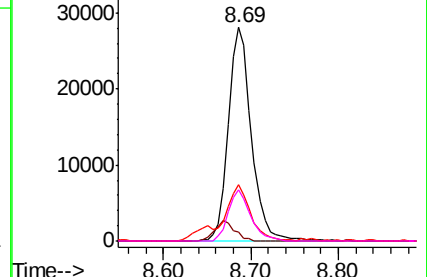
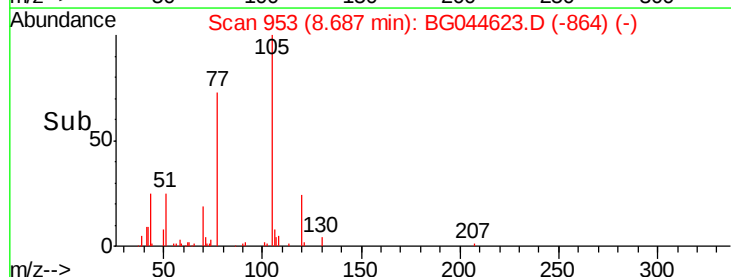


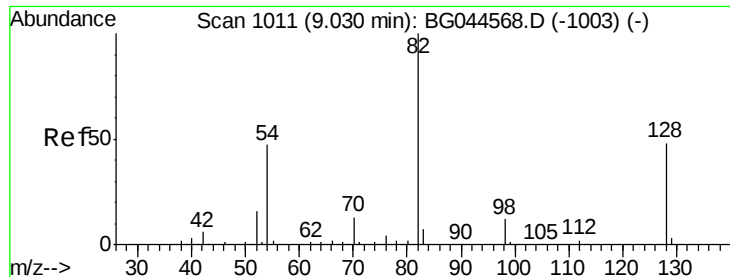
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

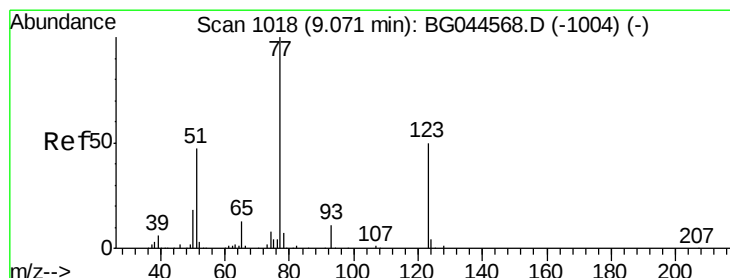
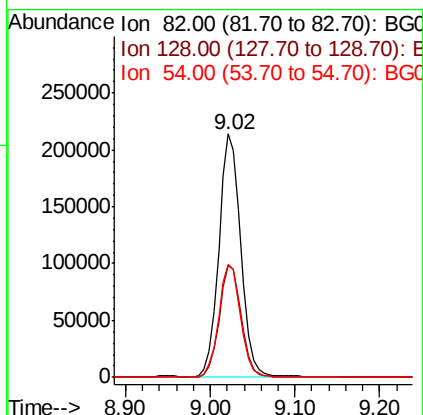
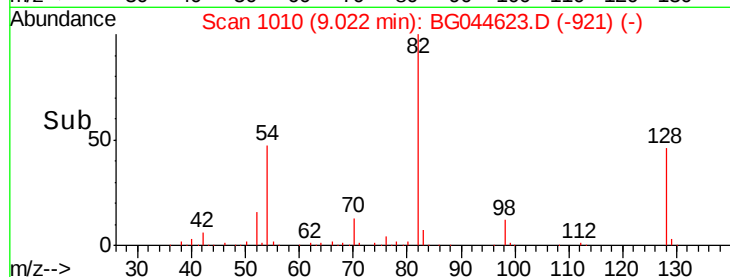
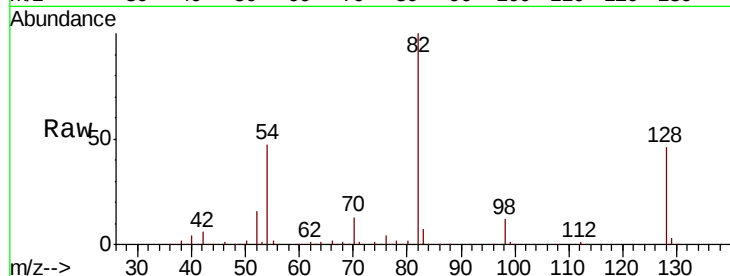




#23
 Nitrobenzene-d5
 Concen: 96.016 ng
 RT: 9.02 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

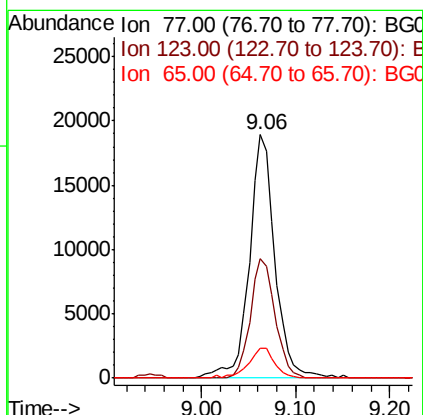
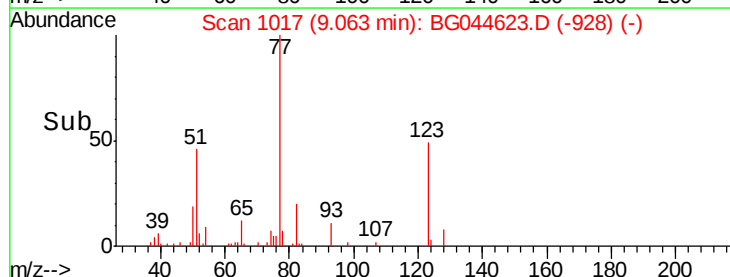
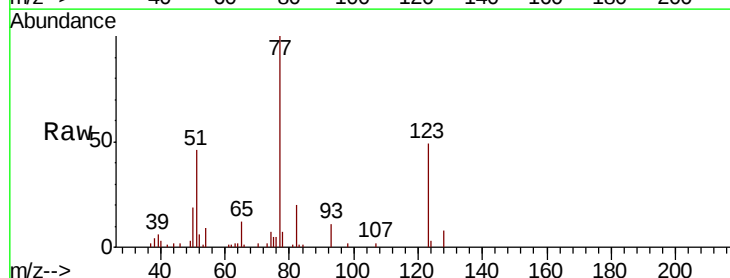
Instrument :
 BNA_G
 ClientSampleId :

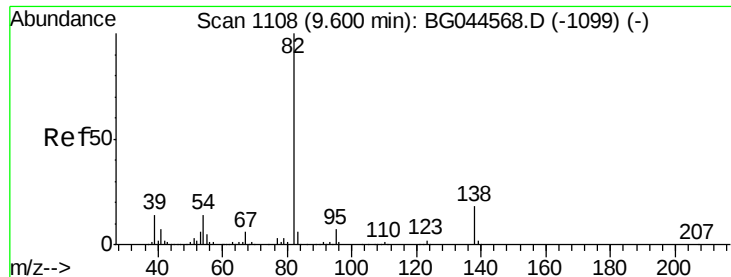
Tot Ion: 82 Resp: 385928
 Ion Ratio Lower Upper
 82 100
 128 45.9 38.1 57.1
 54 46.7 37.5 56.3



#24
 Nitrobenzene
 Concen: 9.114 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion: 77 Resp: 35491
 Ion Ratio Lower Upper
 77 100
 123 49.3 40.1 60.1
 65 12.3 10.4 15.6





#25

Isophorone

Concen: 9.104 ng

RT: 9.59 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

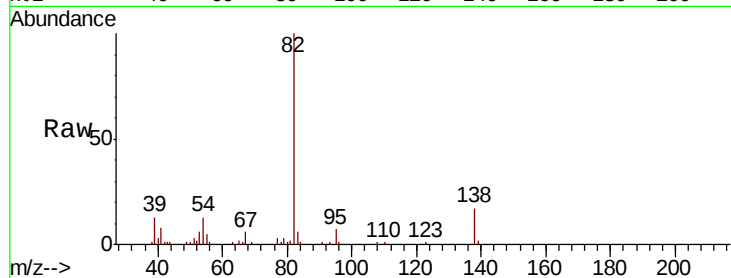
Tot Ion: 82 Resp: 68458

Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

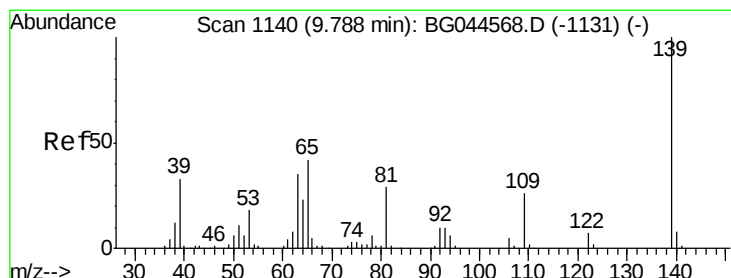
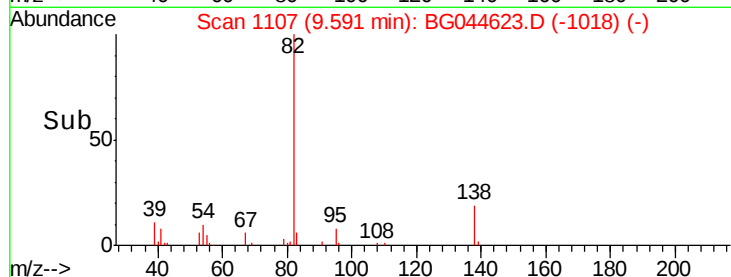
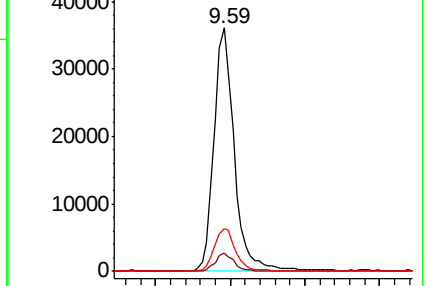
138 17.5 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044568.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BG044568.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BG044568.D (-1099) (-)



#26

2-Nitrophenol

Concen: 7.971 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

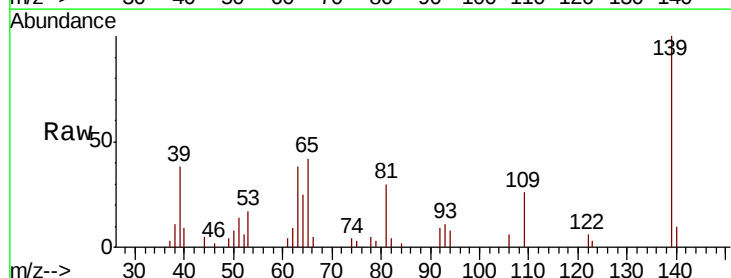
Tgt Ion: 139 Resp: 16834

Ion Ratio Lower Upper

139 100

109 25.9 20.6 31.0

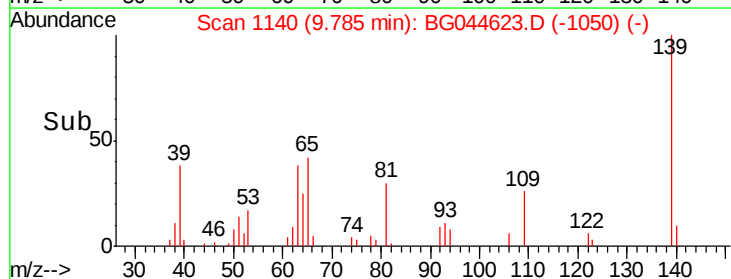
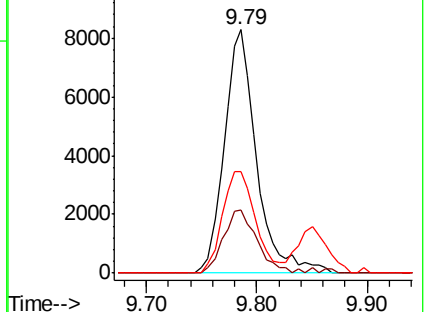
65 41.9 33.3 49.9

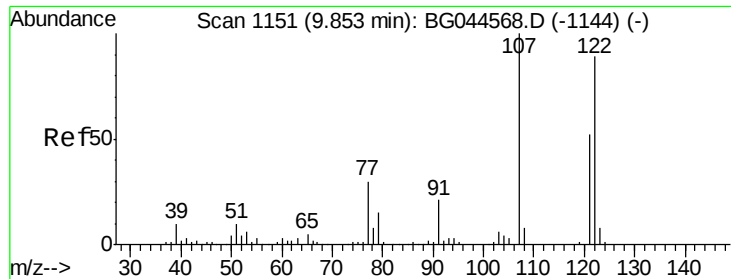


Abundance Ion 139.00 (138.70 to 139.70): BG044568.D (-1131) (-)

Ion 109.00 (108.70 to 109.70): BG044568.D (-1131) (-)

Ion 65.00 (64.70 to 65.70): BG044568.D (-1131) (-)

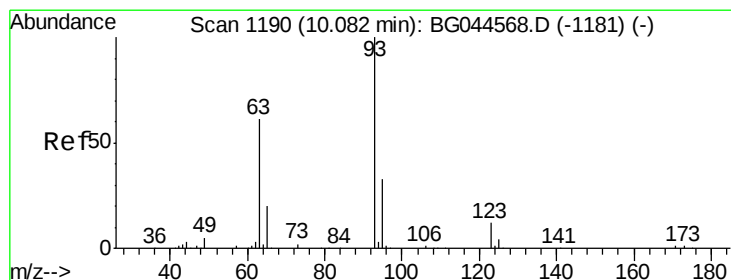
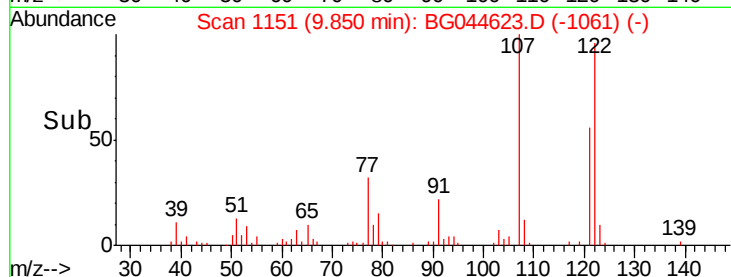
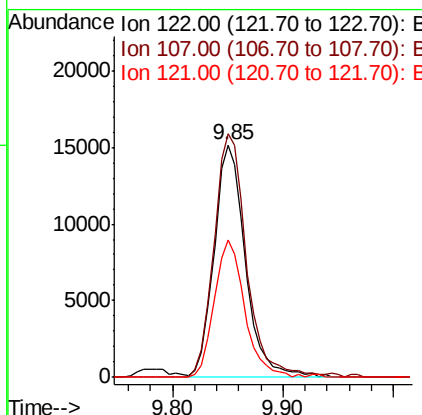
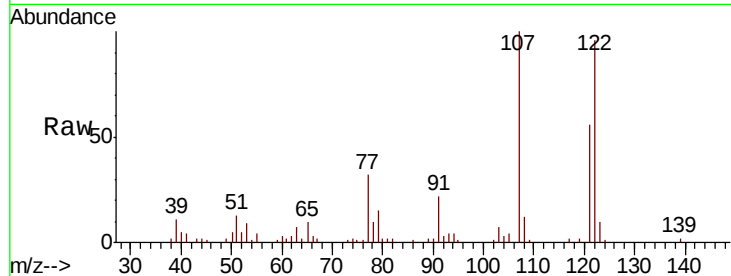




#27
2,4-Dimethylphenol
Concen: 10.055 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

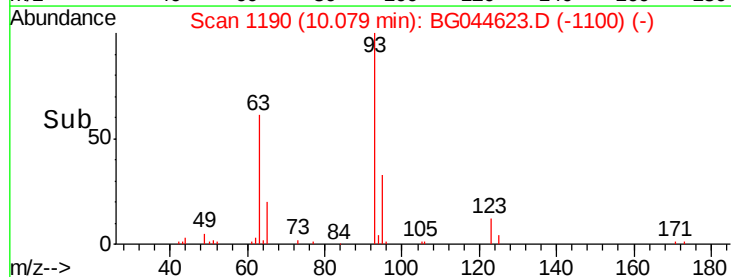
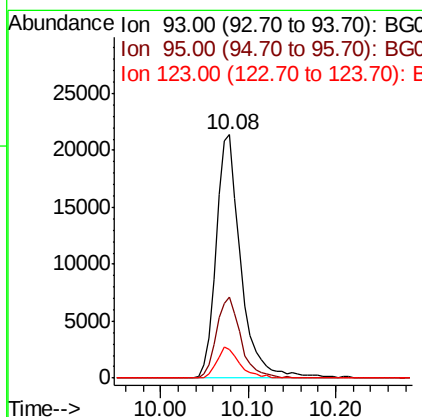
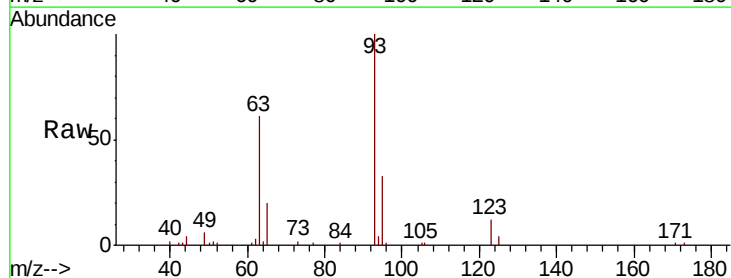
Instrument :
BNA_G
ClientSampleId :

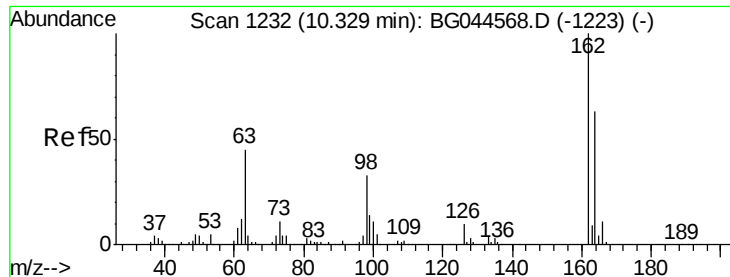
Tot Ion:122 Resp: 29815
Ion Ratio Lower Upper
122 100
107 104.7 89.4 134.0
121 58.9 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 8.414 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion: 93 Resp: 41836
Ion Ratio Lower Upper
93 100
95 33.4 26.5 39.7
123 11.6 9.7 14.5

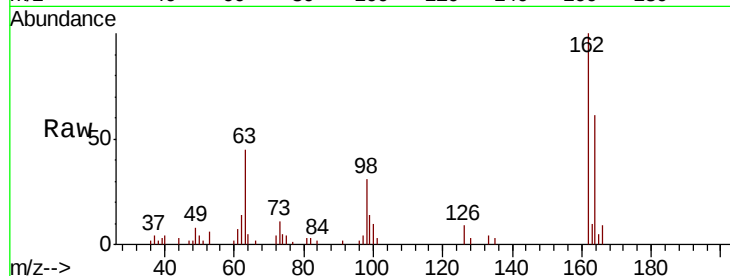




#29
 2,4-Dichlorophenol
 Concen: 8.037 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	28493
Ion	Ratio	Lower	Upper
162	100		
164	60.9	43.2	83.2
98	31.3	13.2	53.2

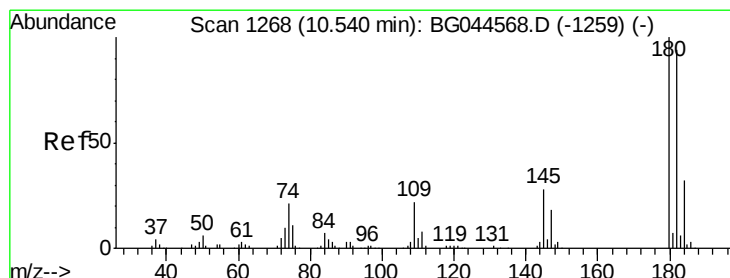
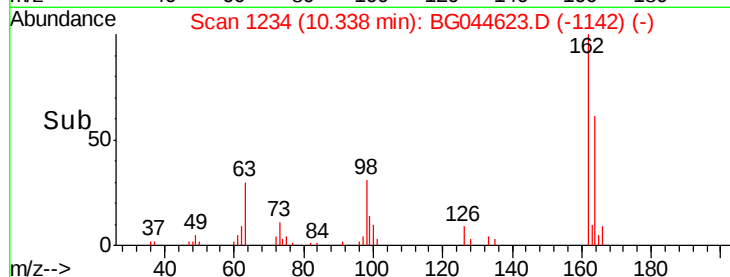
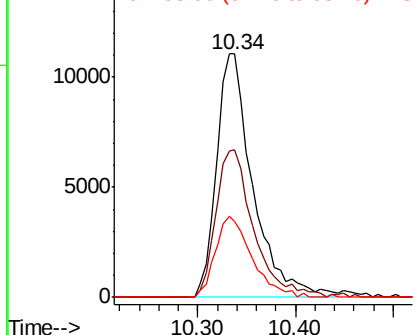


Abundance

Ion 162.00 (161.70 to 162.70): E

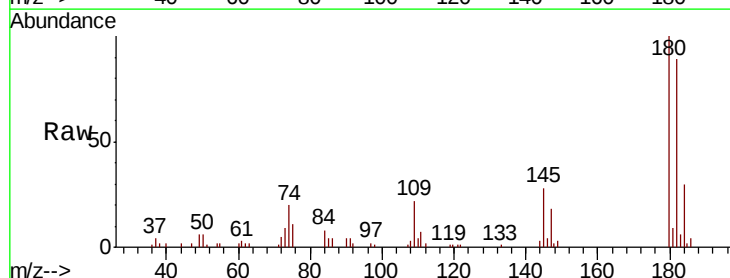
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 8.605 ng
 RT: 10.53 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion	180	Resp	35278
Ion	Ratio	Lower	Upper
180	100		
182	89.0	75.6	113.4
145	28.1	22.2	33.2

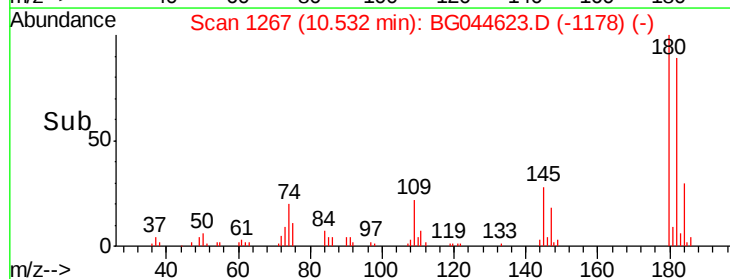
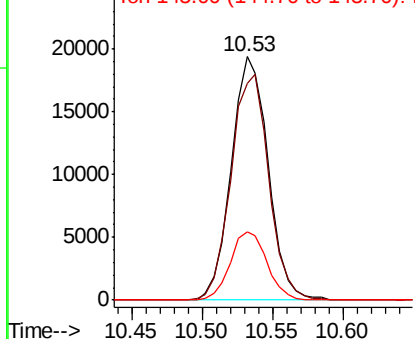


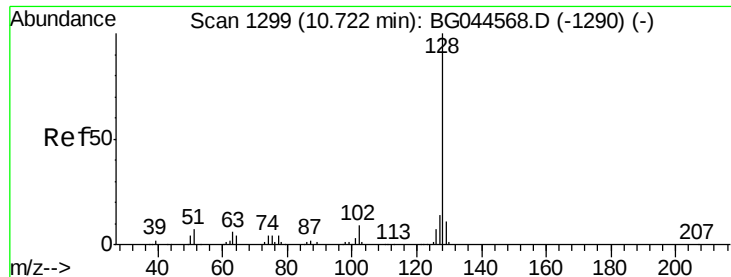
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

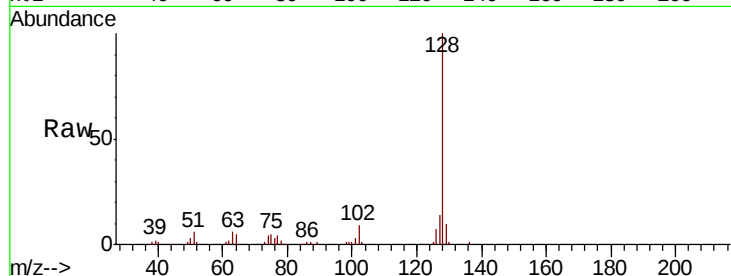




#31
Naphthalene
Concen: 9.316 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.0	13.6
127	14.0	11.0	16.4

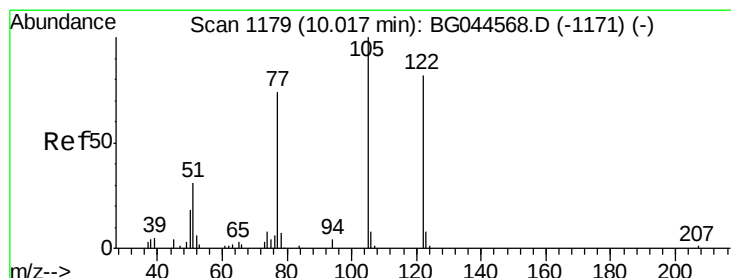
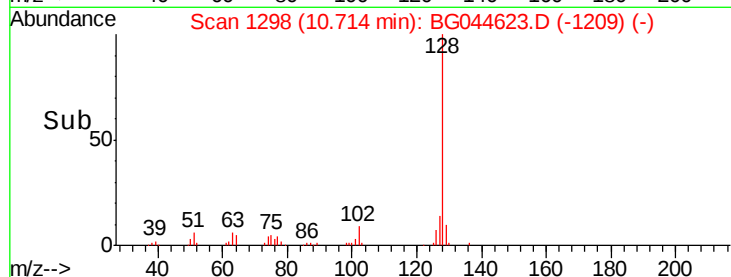
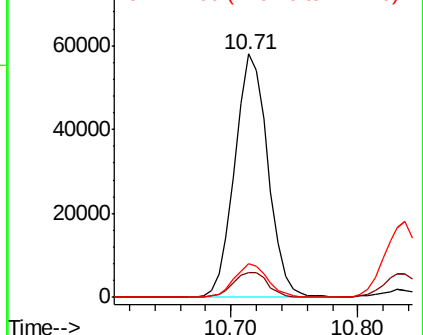


Abundance

Ion 128.00 (127.70 to 128.70): E

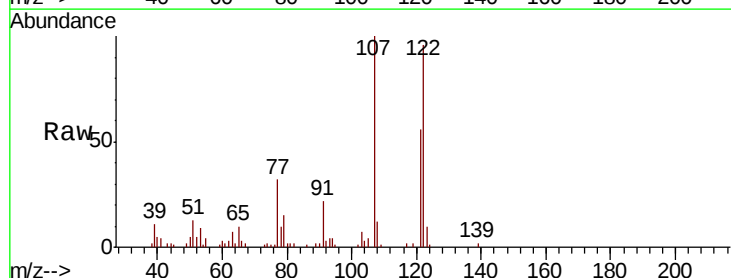
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 25.905 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.17 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.8	101.4	141.4#
77	33.4	69.8	109.8#

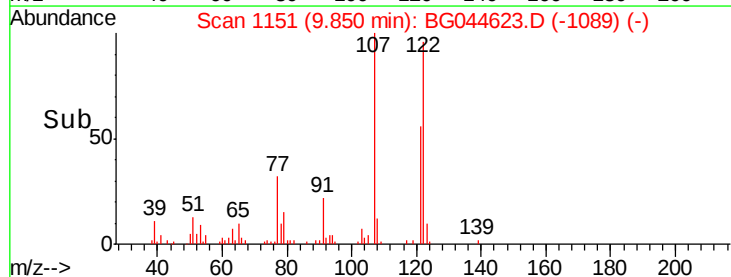
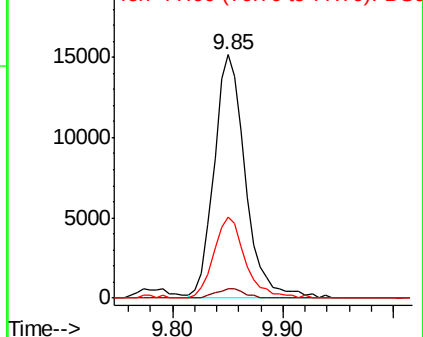


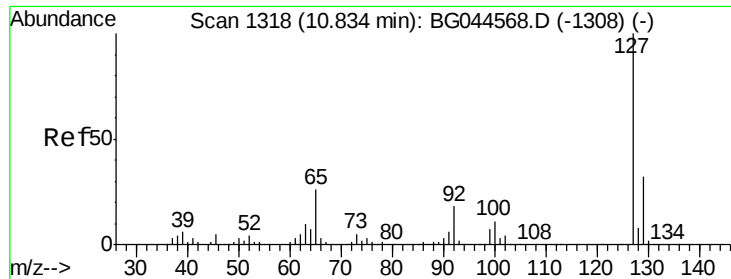
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

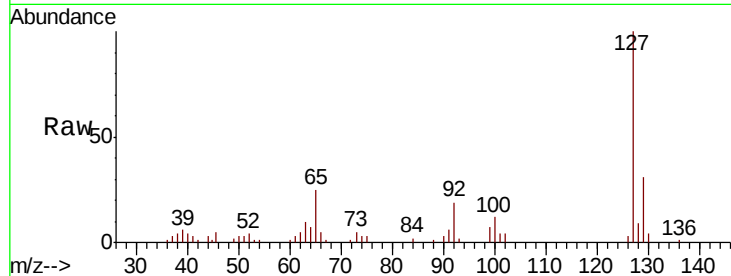




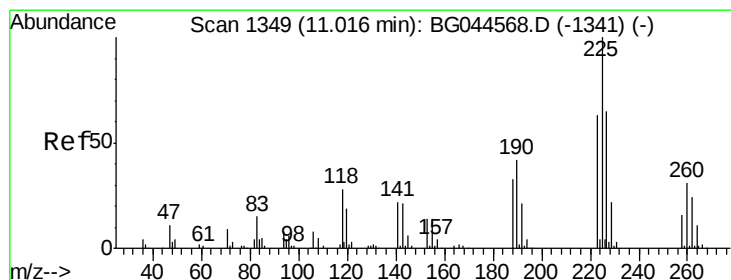
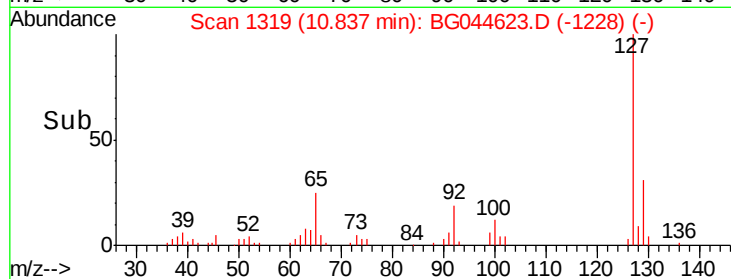
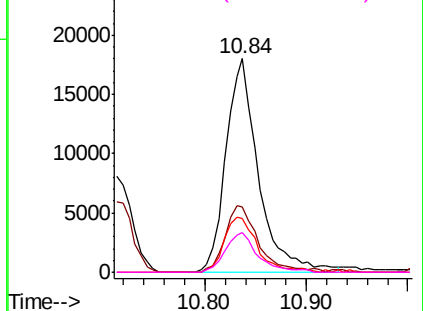
#33
4-Chloroaniline
Concen: 8.066 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	40142
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.9	38.9
65	25.1	20.7	31.1
92	18.6	14.2	21.2

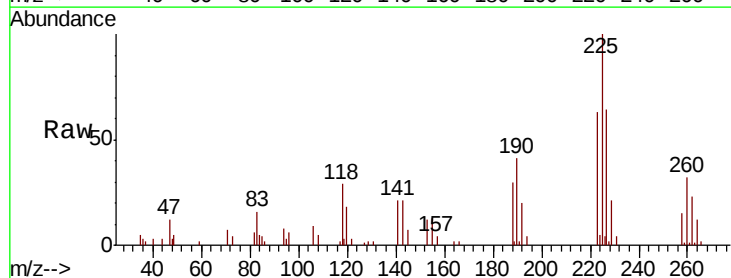


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

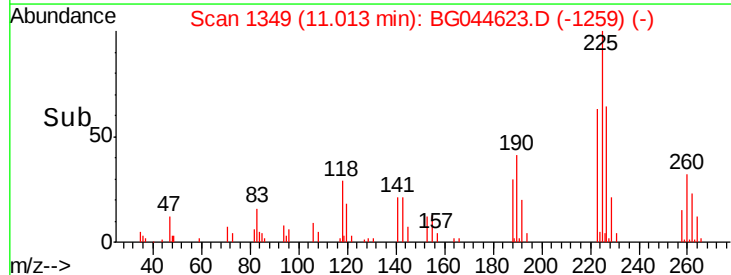
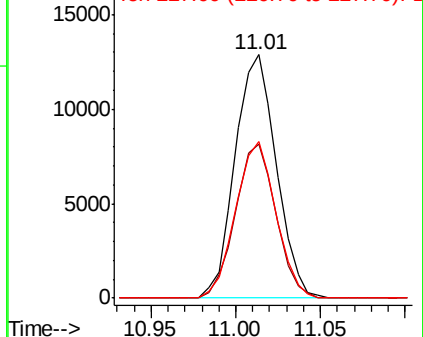


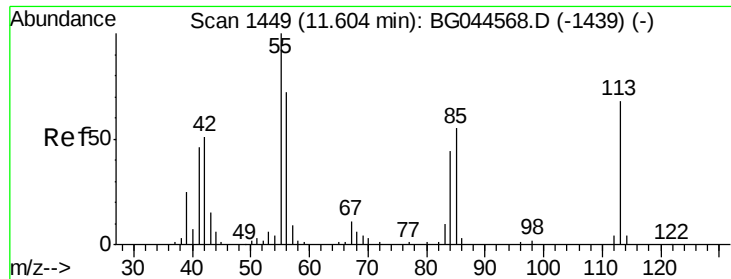
#34
Hexachlorobutadiene
Concen: 8.507 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion:	225	Resp:	21903
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.5	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: 8.862 ng

RT: 11.58 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampled :

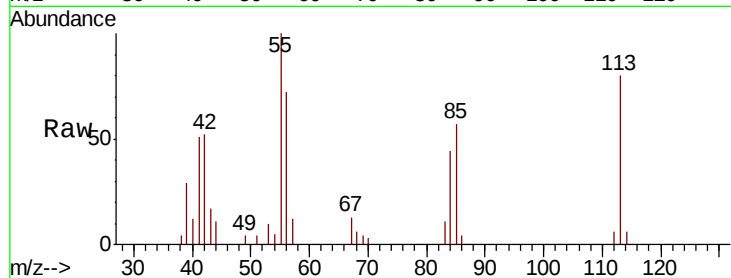
Tot Ion:113 Resp: 11247

Ion Ratio Lower Upper

113 100

55 124.9 127.8 167.8#

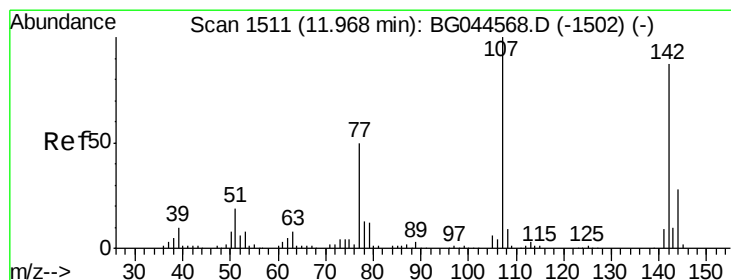
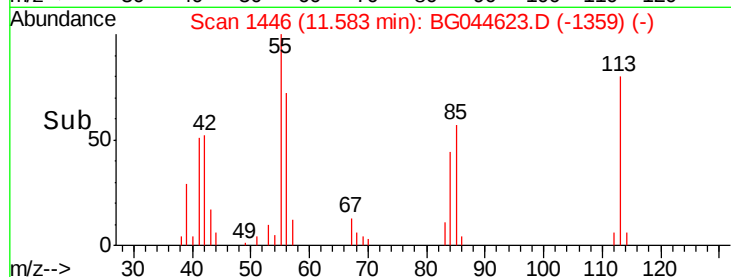
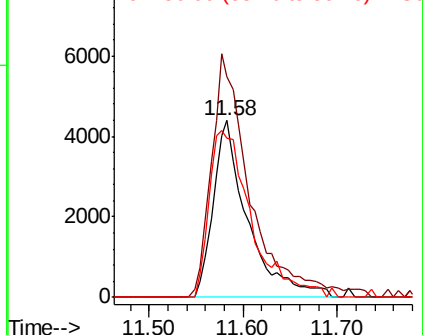
56 90.2 86.9 126.9



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: 8.665 ng

RT: 11.97 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

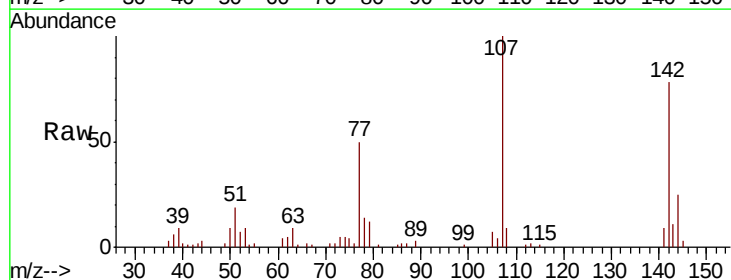
Tgt Ion:107 Resp: 31619

Ion Ratio Lower Upper

107 100

144 25.4 22.3 33.5

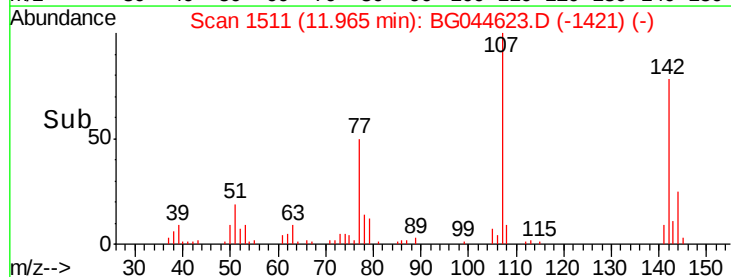
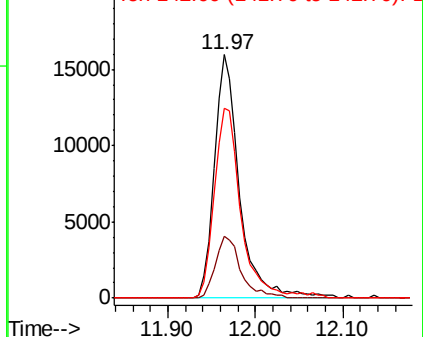
142 77.9 69.3 103.9

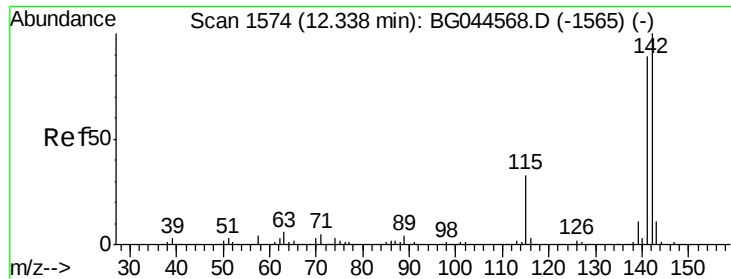


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

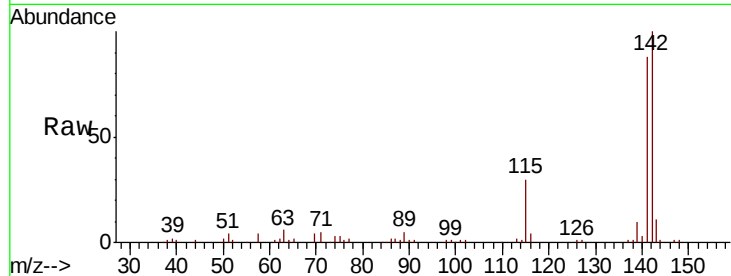




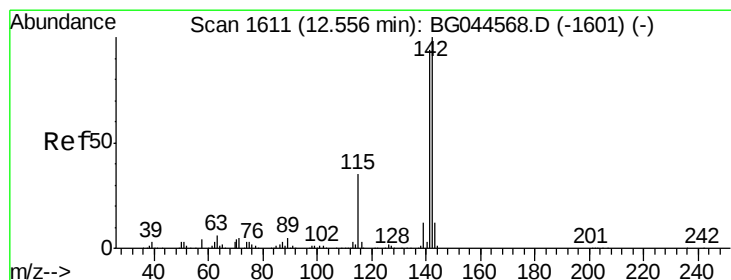
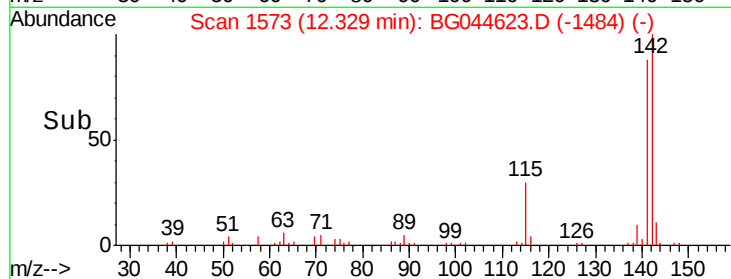
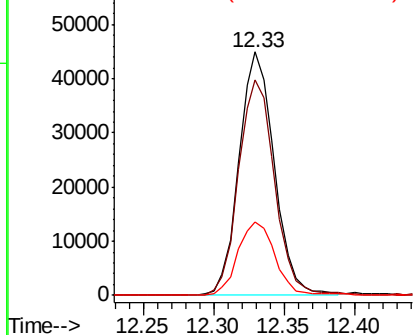
#37
2-Methylnaphthalene
Concen: 9.374 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 78281
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 30.0 26.2 39.2

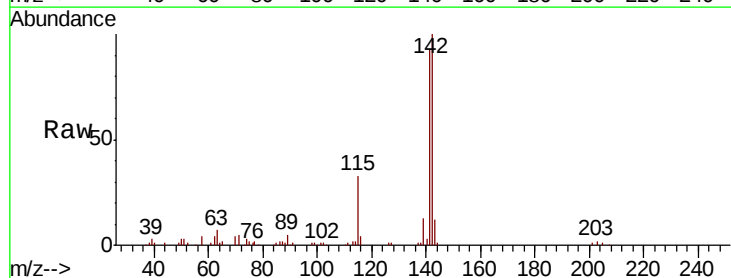


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

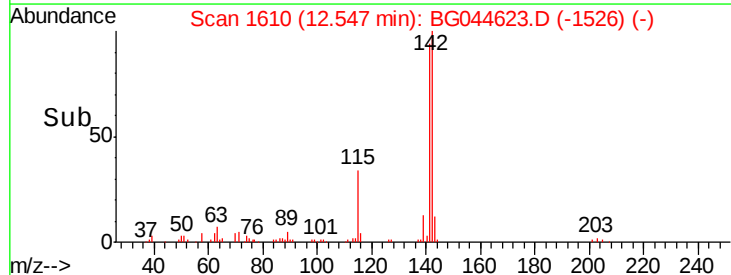
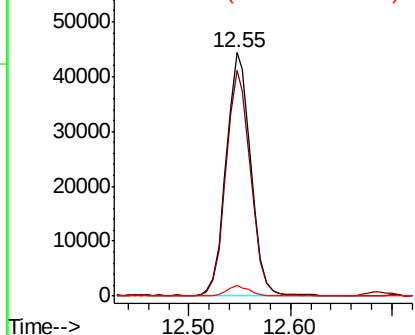


#38
1-Methylnaphthalene
Concen: 9.425 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion:142 Resp: 74784
Ion Ratio Lower Upper
142 100
141 92.9 75.1 112.7
116 4.2 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: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

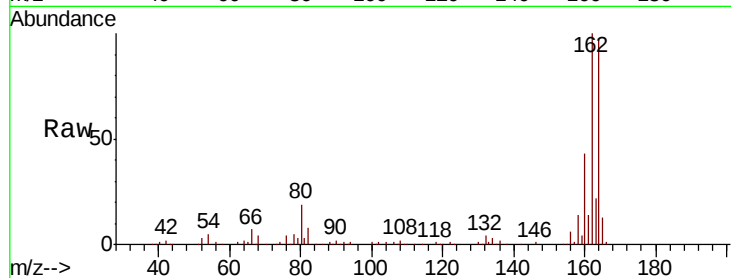
Tot Ion:164 Resp: 139654

Ion Ratio Lower Upper

164 100

162 103.2 83.6 125.4

160 44.1 36.2 54.4

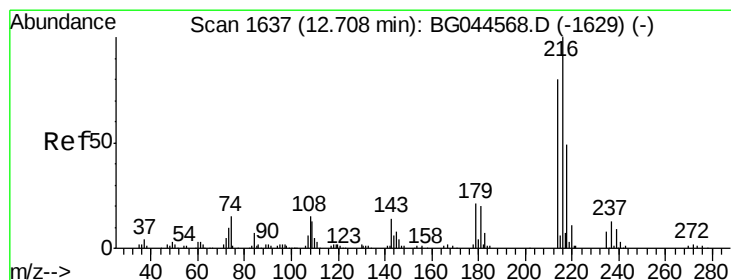
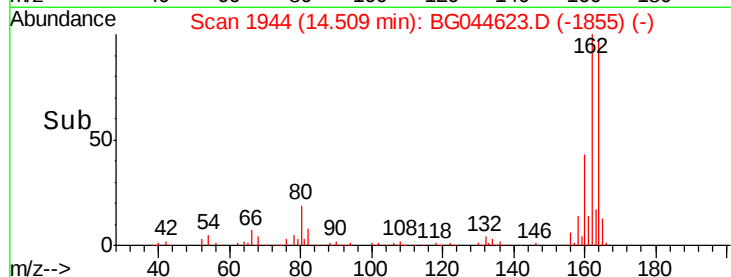
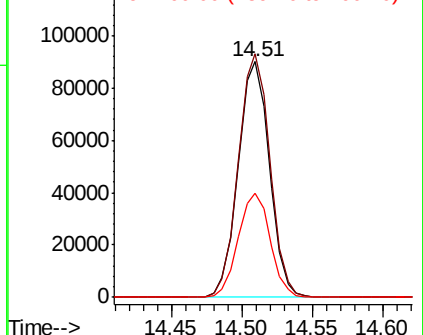


Abundance

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: 8.964 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Tgt Ion:216 Resp: 42145

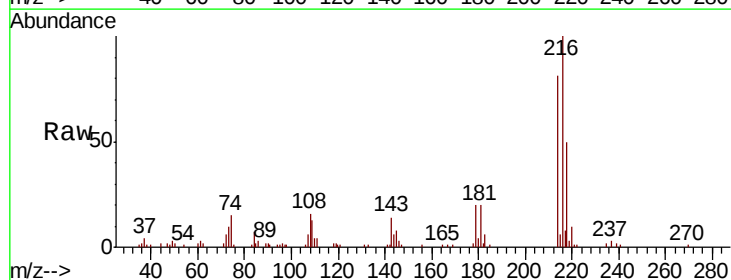
Ion Ratio Lower Upper

216 100

214 80.2 63.3 94.9

179 20.0 16.2 24.2

108 16.1 12.6 18.8



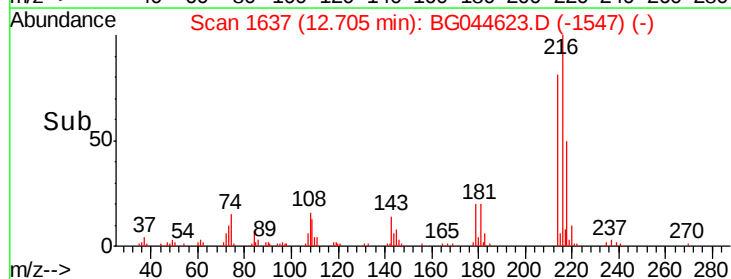
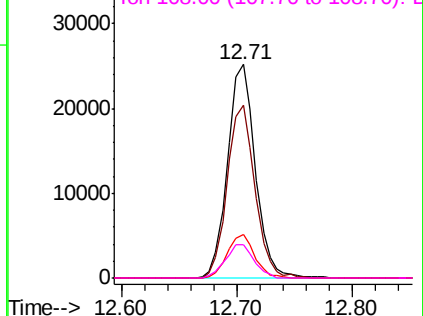
Abundance

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: 4.676 ng

RT: 12.69 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

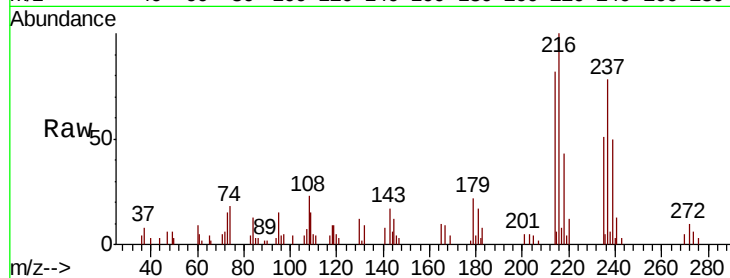
Tot Ion:237 Resp: 8672

Ion Ratio Lower Upper

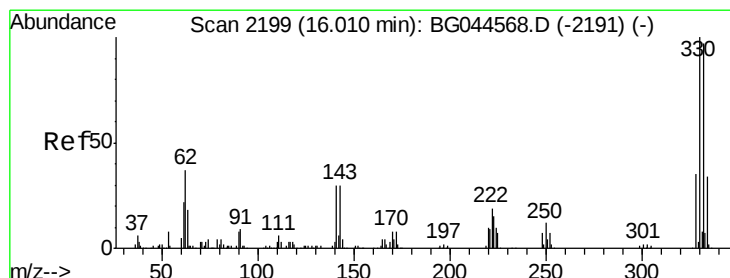
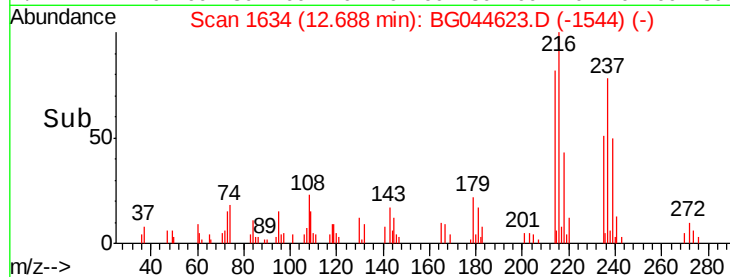
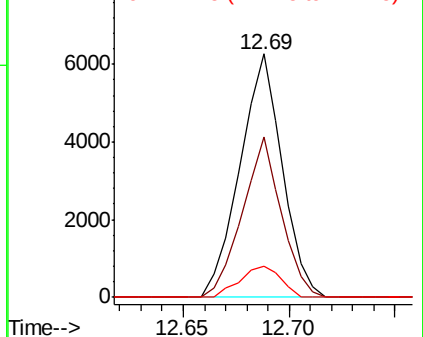
237 100

235 65.8 40.7 80.7

272 13.0 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: 148.466 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

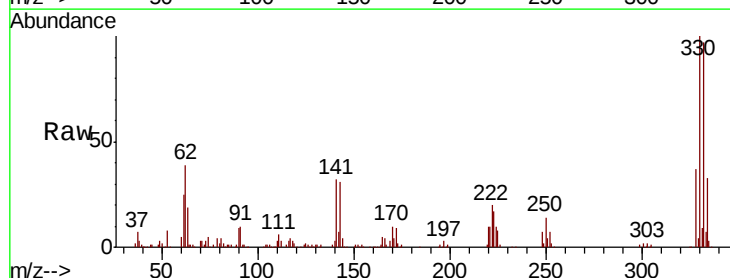
Tgt Ion:330 Resp: 293989

Ion Ratio Lower Upper

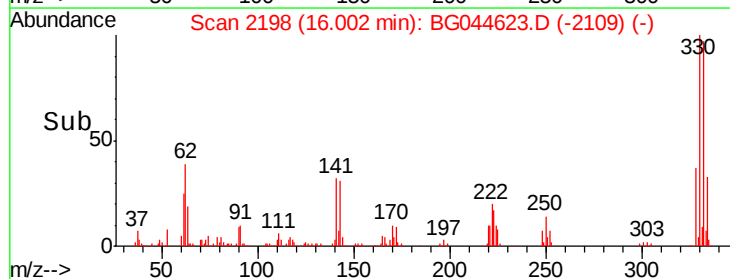
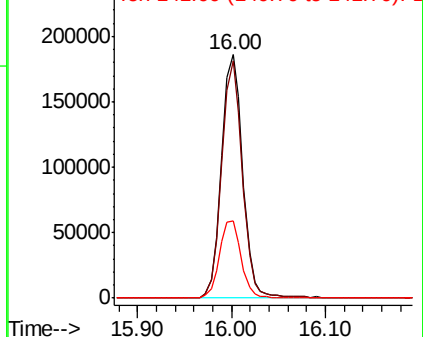
330 100

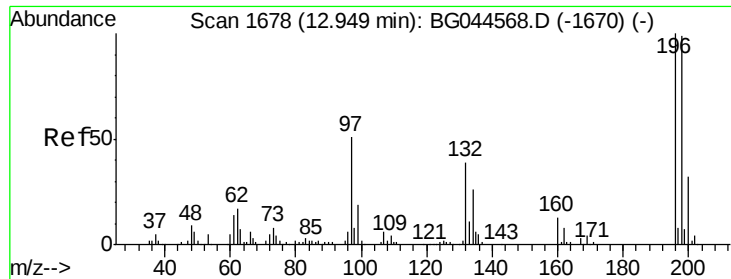
332 95.4 77.4 116.0

141 32.5 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

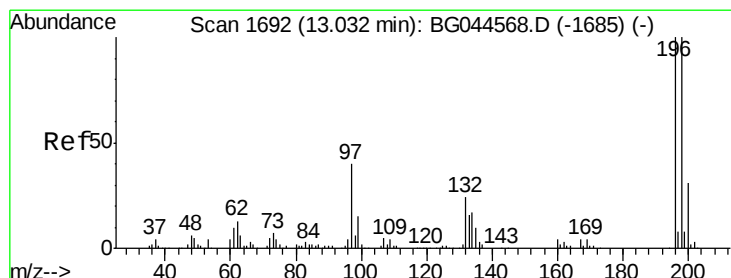
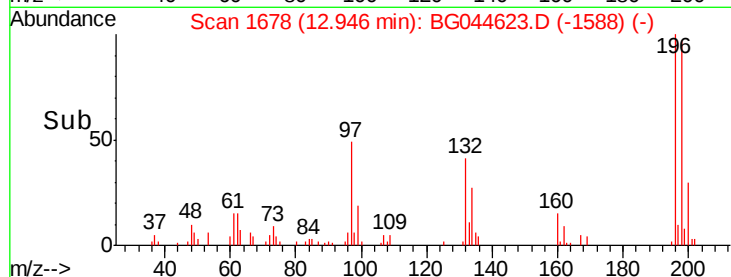
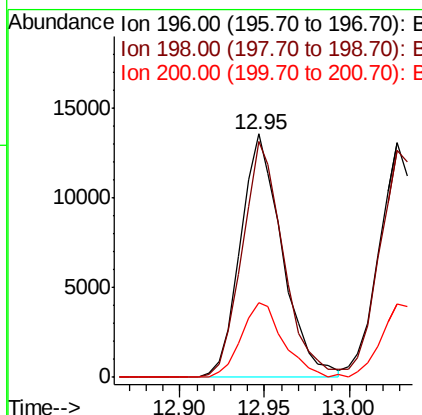
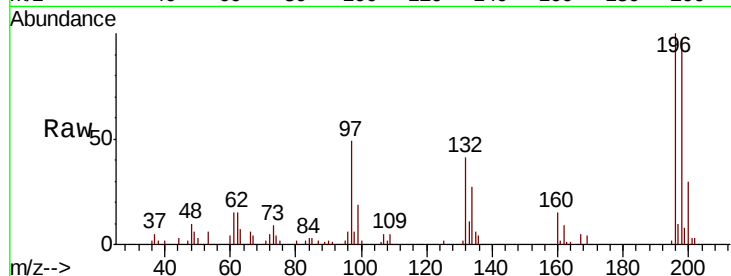




#43
 2,4,6-Trichlorophenol
 Concen: 7.619 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

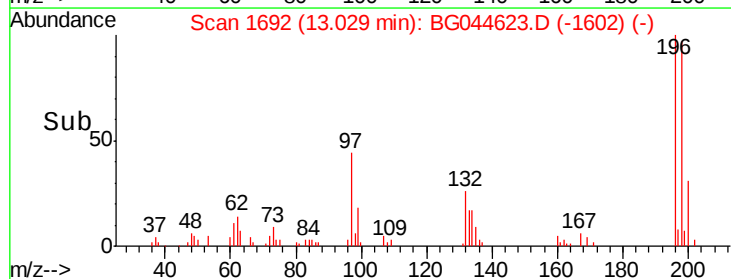
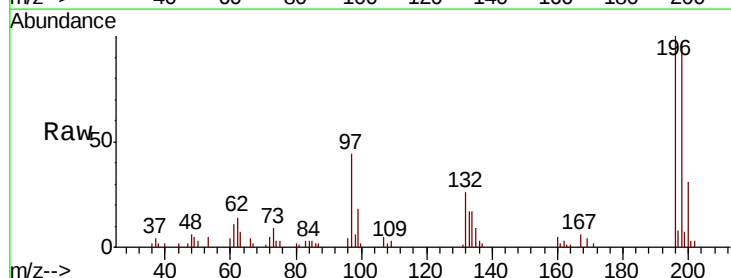
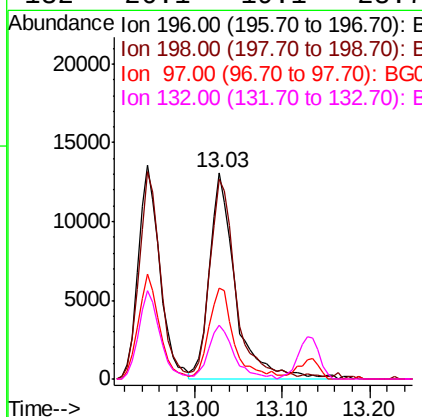
Instrument :
 BNA_G
 ClientSampled :

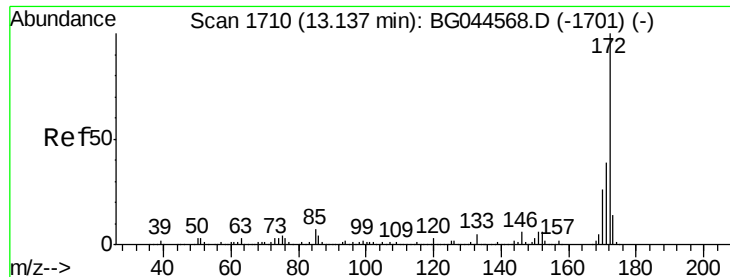
Tot Ion	196	Resp	23260
Ion Ratio	Lower	Upper	
196	100		
198	96.8	79.2	118.8
200	30.4	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 8.613 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion	196	Resp	27008
Ion Ratio	Lower	Upper	
196	100		
198	96.8	79.3	118.9
97	44.0	32.3	48.5
132	26.1	19.1	28.7

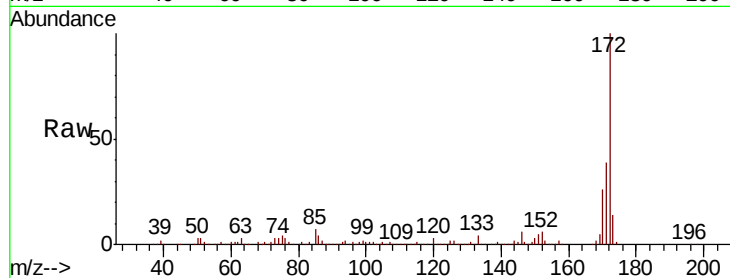




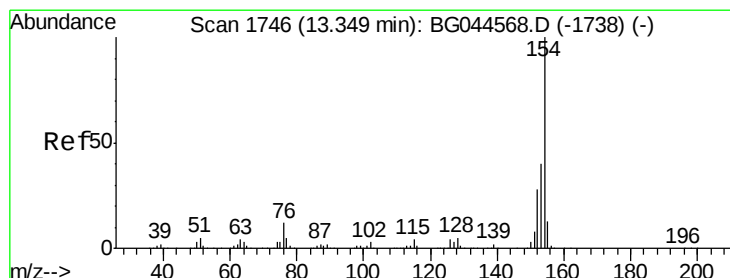
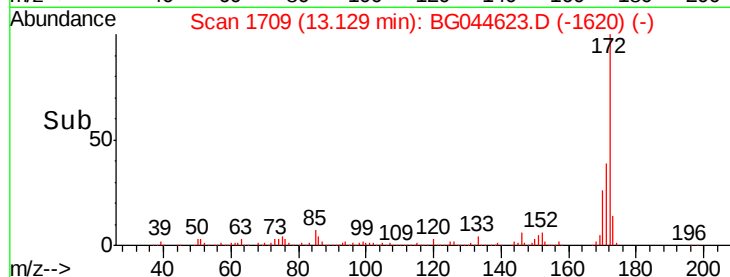
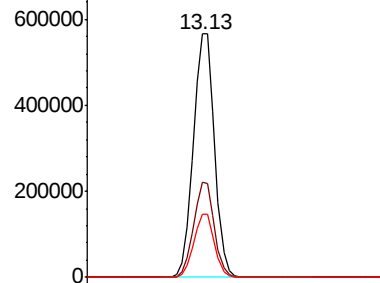
#45
 2-Fluorobiphenyl
 Concen: 96.497 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 941086
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.3 46.9
 170 26.0 21.0 31.4

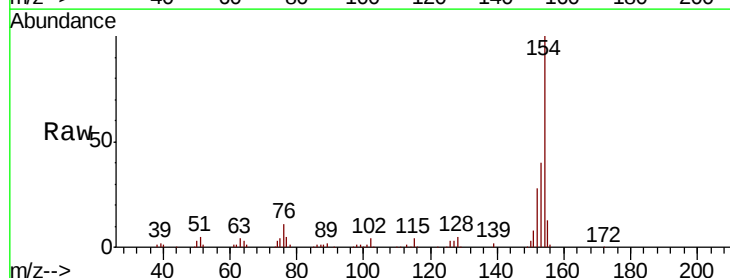


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

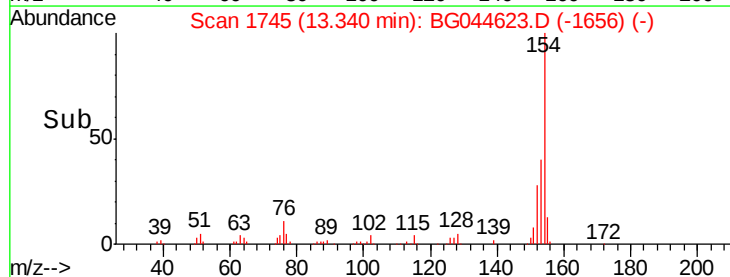
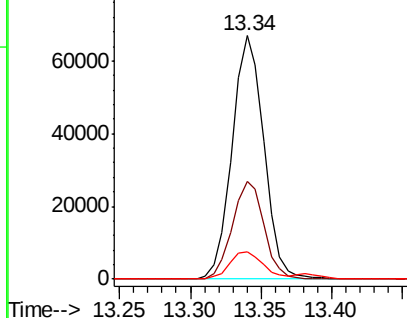


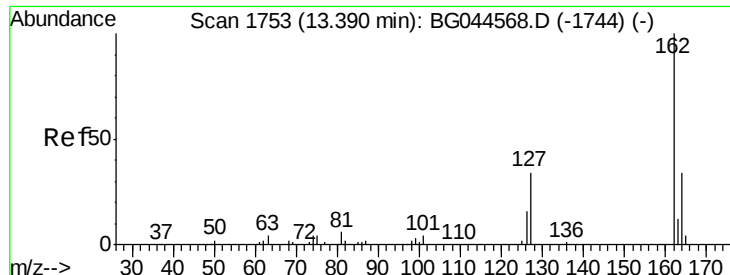
#46
 1,1'-Biphenyl
 Concen: 9.082 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion:154 Resp: 104957
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.2 60.2
 76 11.2 0.0 31.8



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

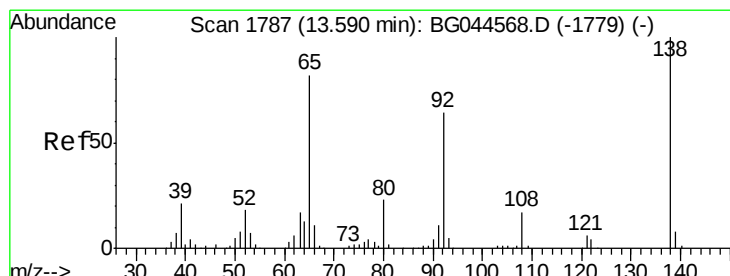
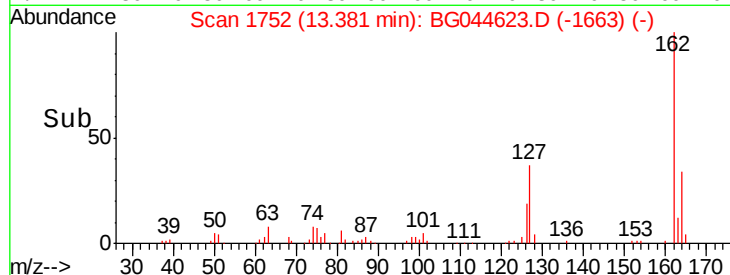
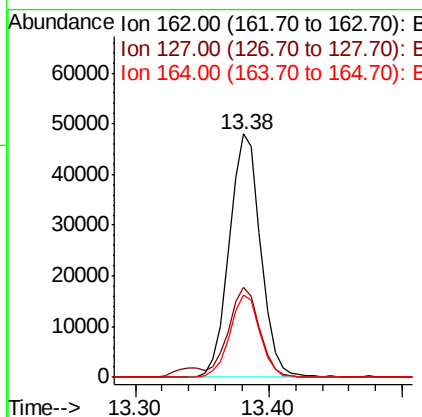
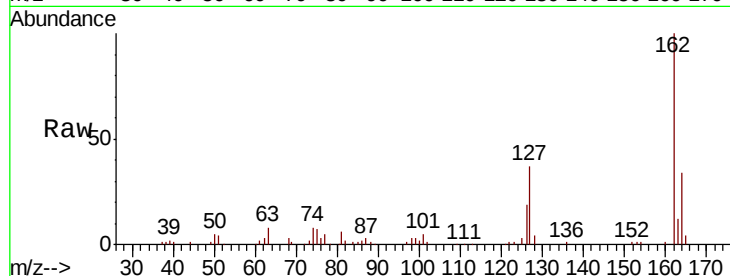




#47
 2-Chloronaphthalene
 Concen: 8.662 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

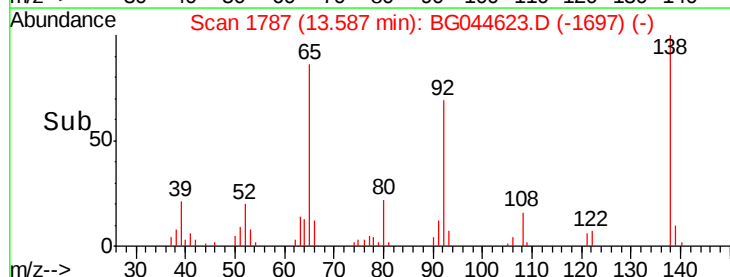
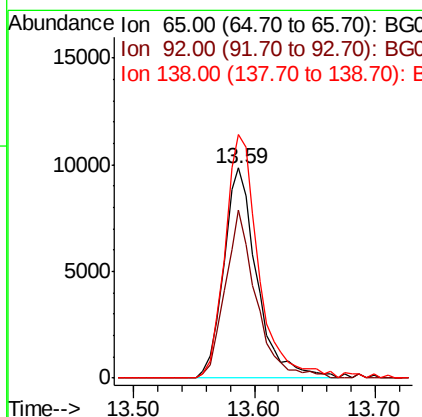
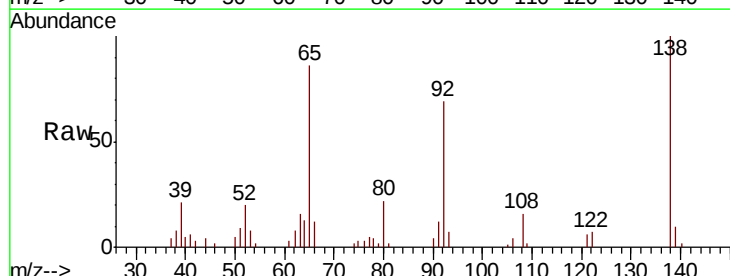
Instrument :
 BNA_G
 ClientSampleId :

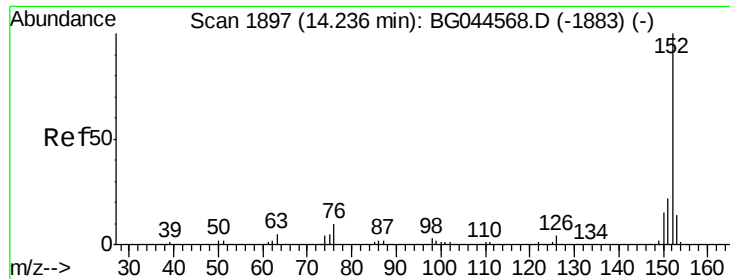
Tot Ion:162 Resp: 78500
 Ion Ratio Lower Upper
 162 100
 127 37.1 28.7 43.1
 164 33.6 27.3 40.9



#48
 2-Nitroaniline
 Concen: 7.459 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion: 65 Resp: 18763
 Ion Ratio Lower Upper
 65 100
 92 80.1 62.2 93.2
 138 115.9 97.6 146.4





#49

Acenaphthylene

Concen: 9.288 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampled :

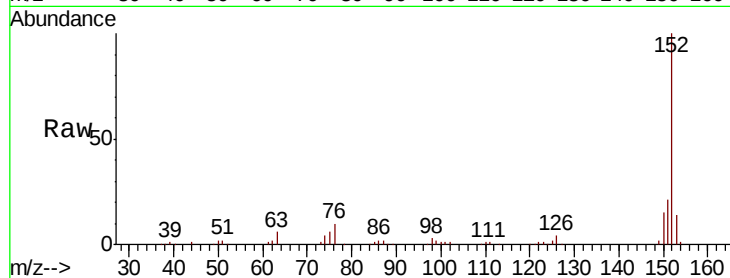
Tot Ion:152 Resp: 124249

Ion Ratio Lower Upper

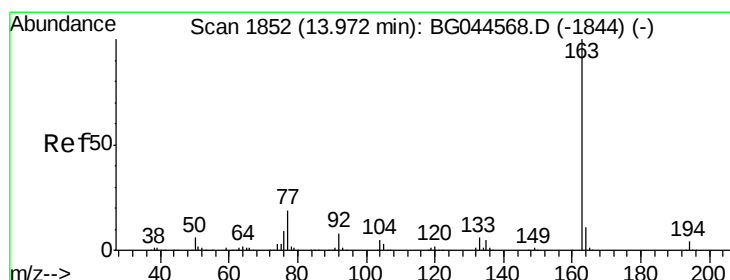
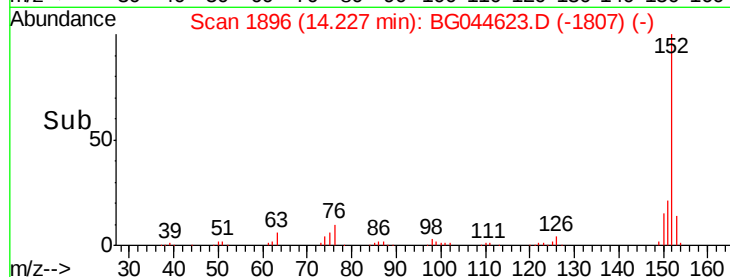
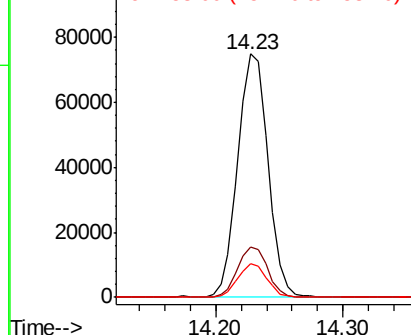
152 100

151 20.7 17.7 26.5

153 13.6 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: 9.277 ng

RT: 13.96 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

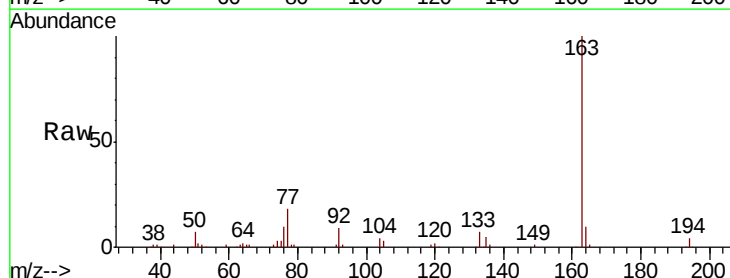
Tgt Ion:163 Resp: 104575

Ion Ratio Lower Upper

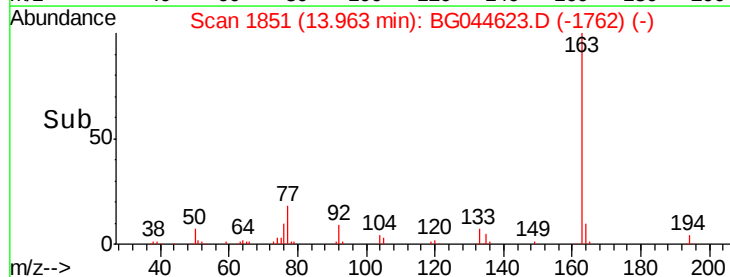
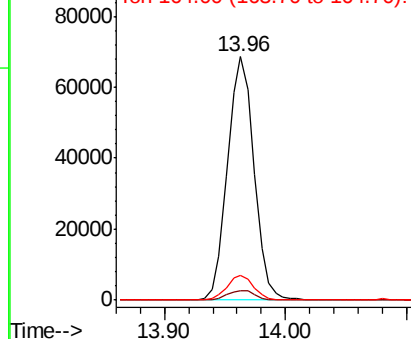
163 100

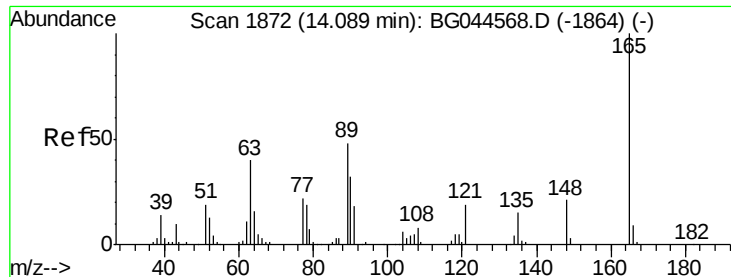
194 4.0 3.4 5.0

164 10.1 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.825 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampled :

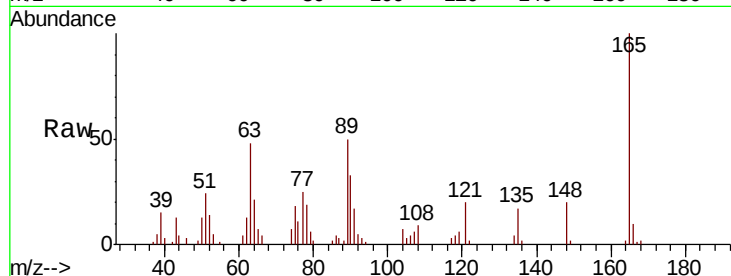
Tot Ion:165 Resp: 21938

Ion Ratio Lower Upper

165 100

63 47.8 35.8 53.6

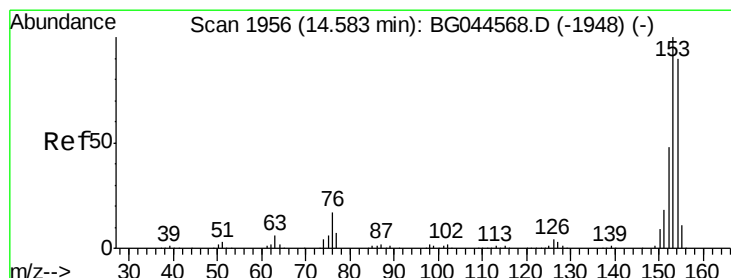
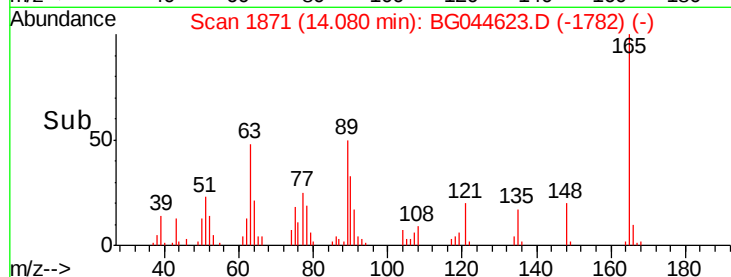
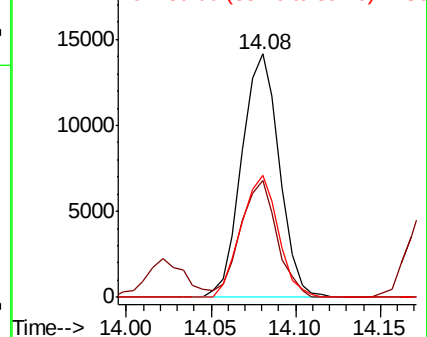
89 50.3 38.7 58.1



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: 8.835 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

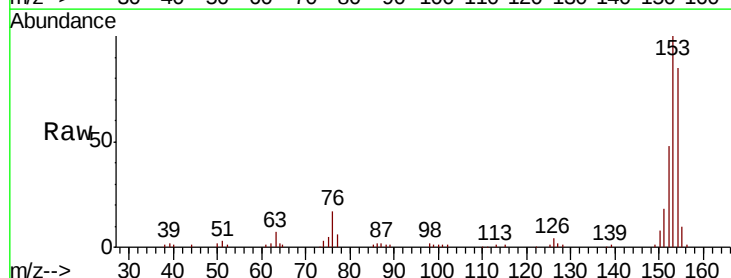
Tgt Ion:154 Resp: 75343

Ion Ratio Lower Upper

154 100

153 117.8 89.4 134.0

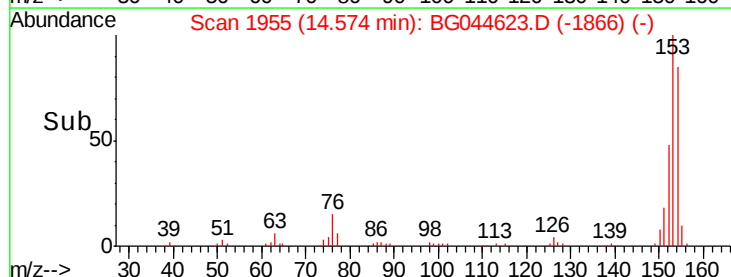
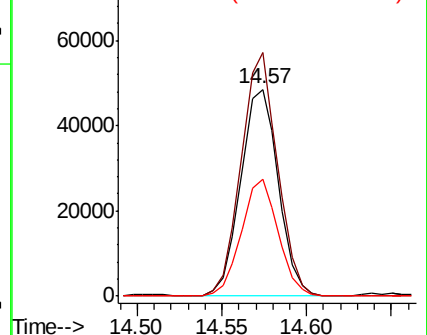
152 56.4 43.0 64.4

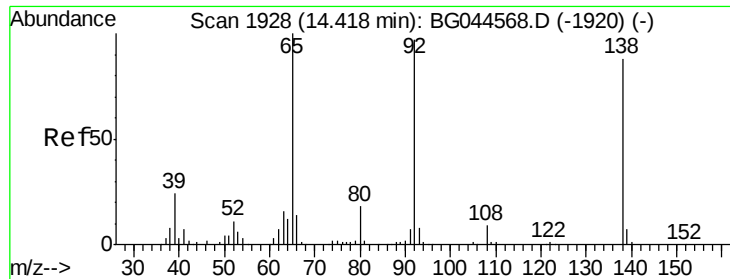


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

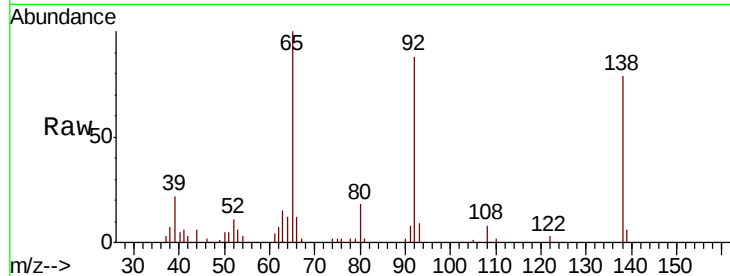




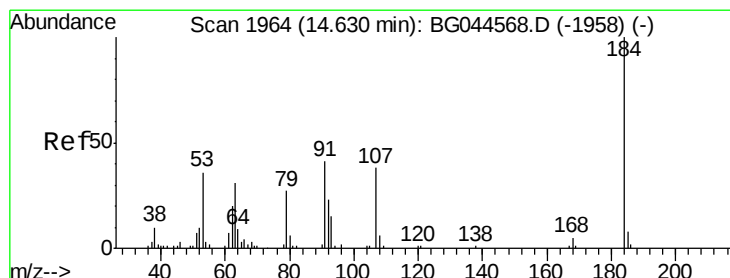
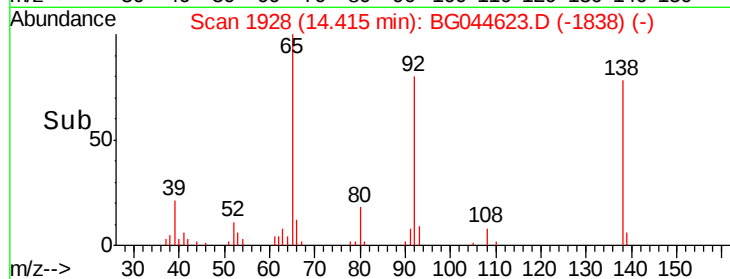
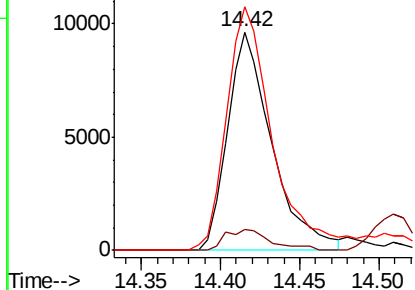
#53
3-Nitroaniline
Concen: 6.932 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 18584
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 111.6 87.4 131.2

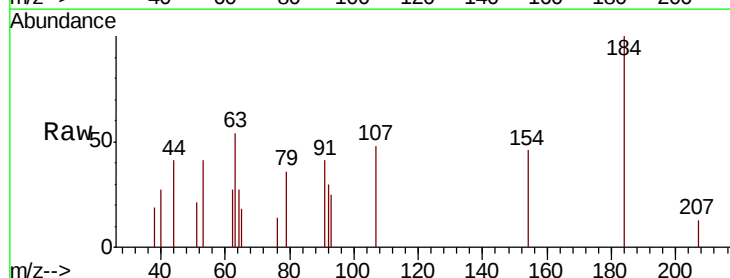


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

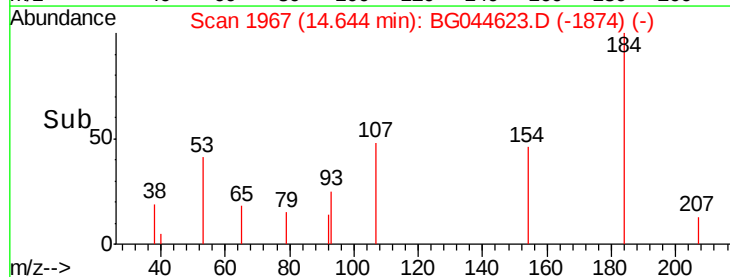
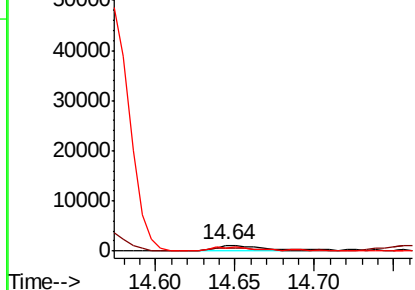


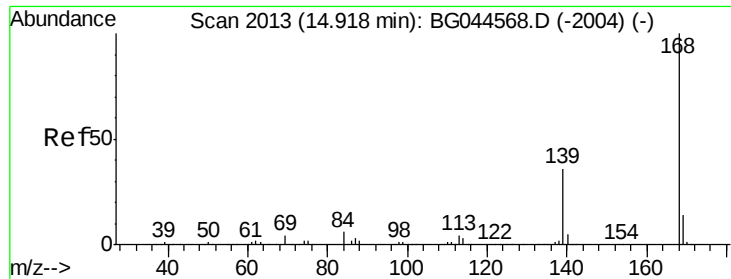
#54
2,4-Dinitrophenol
Concen: 2.398 ng
RT: 14.64 min Scan# 1967
Delta R.T. 0.02 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion:184 Resp: 2864
Ion Ratio Lower Upper
184 100
63 53.8 42.1 63.1
154 46.4 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

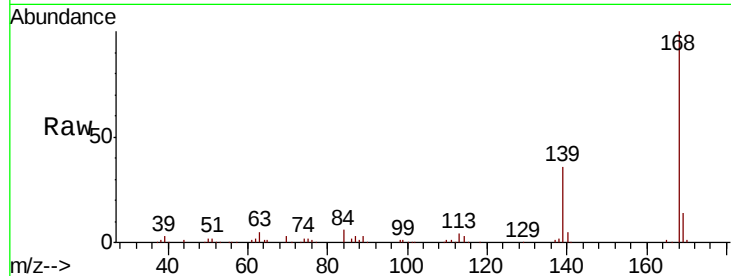




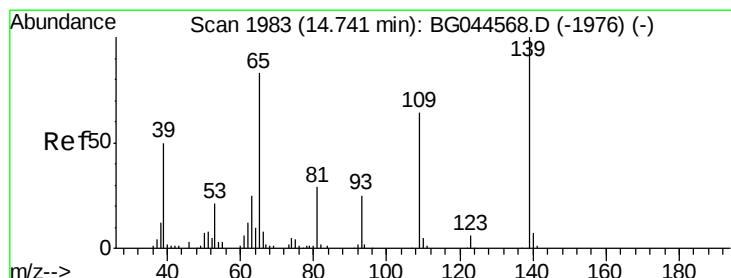
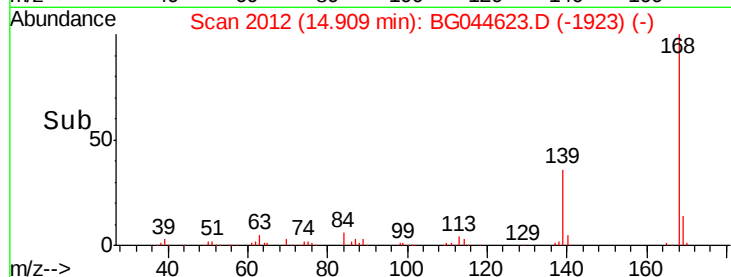
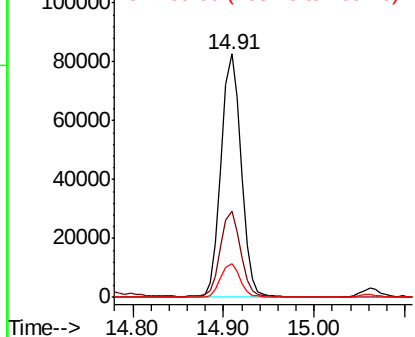
#55
Dibenzofuran
Concen: 9.735 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 127262
Ion Ratio Lower Upper
168 100
139 35.6 29.2 43.8
169 14.1 11.0 16.6

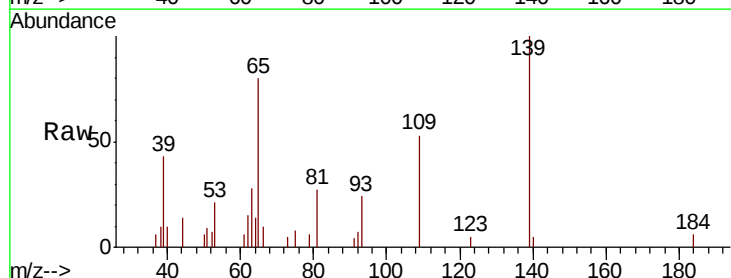


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

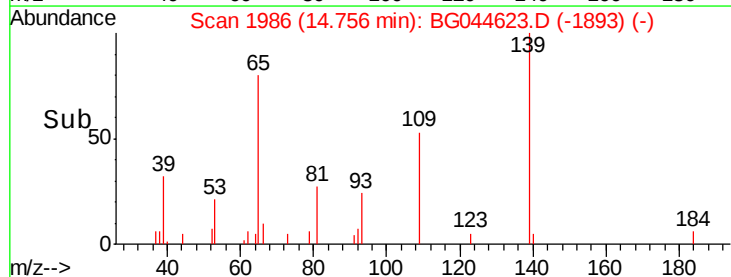
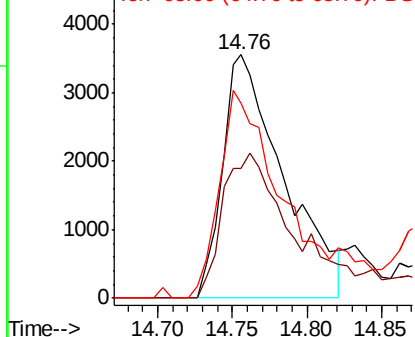


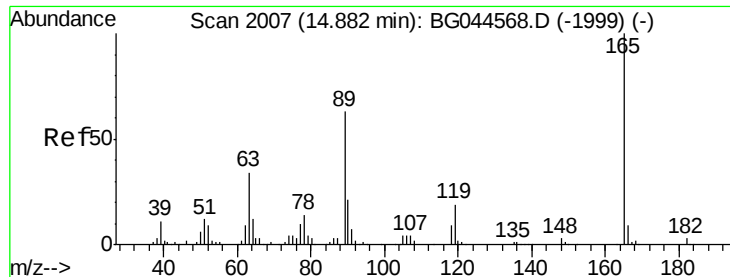
#56
4-Nitrophenol
Concen: 5.496 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion:139 Resp: 10135
Ion Ratio Lower Upper
139 100
109 53.3 43.8 83.8
65 79.8 63.6 103.6



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

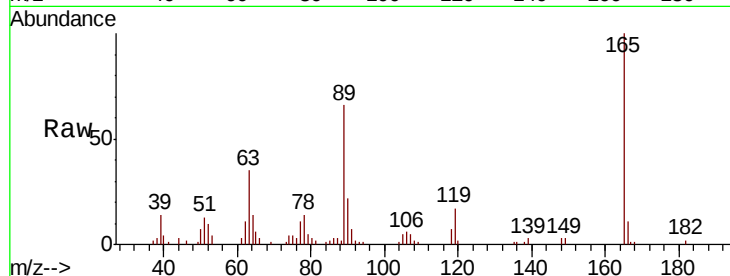




#57
 2,4-Dinitrotoluene
 Concen: 8.485 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.8	27.5	41.3
89	66.3	50.0	75.0
182	2.2	2.3	3.5



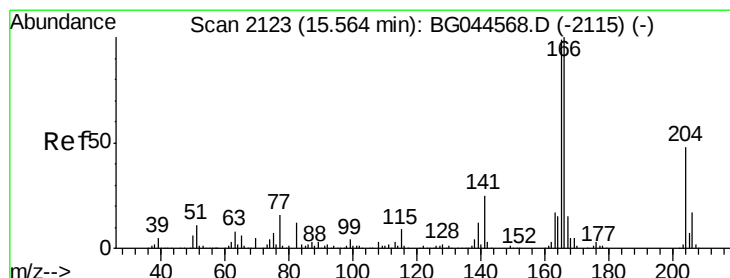
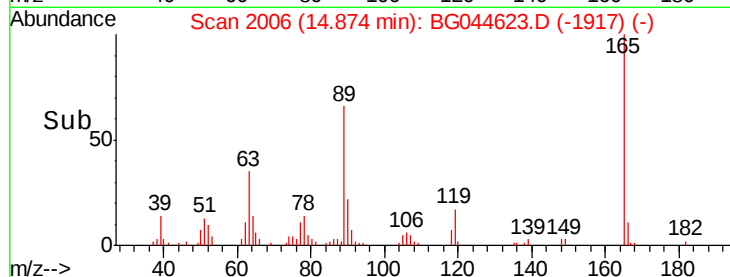
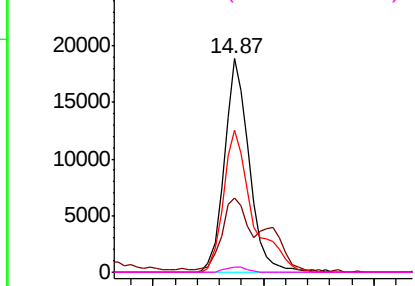
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

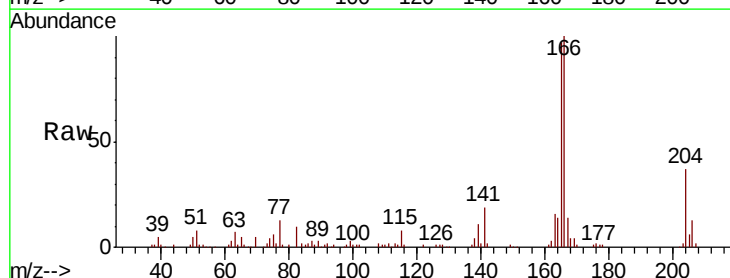
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 9.563 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.2	118.8
167	13.6	11.7	17.5

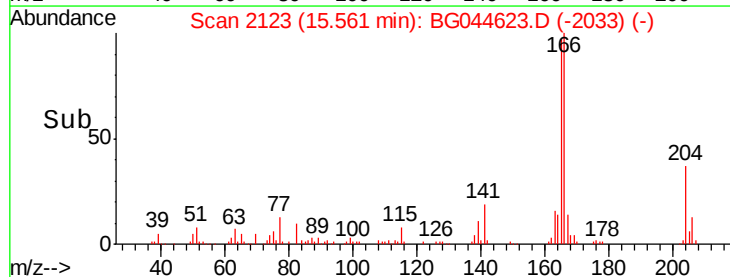
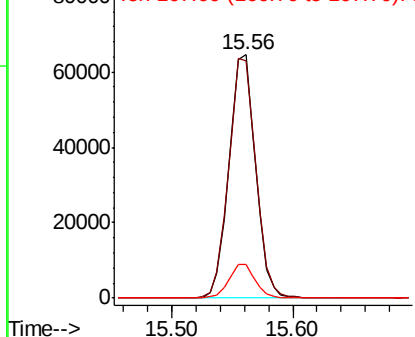


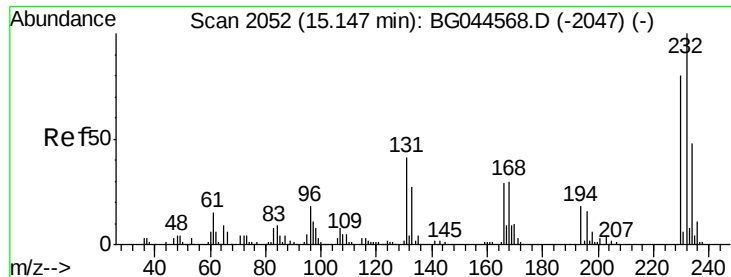
Abundance

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

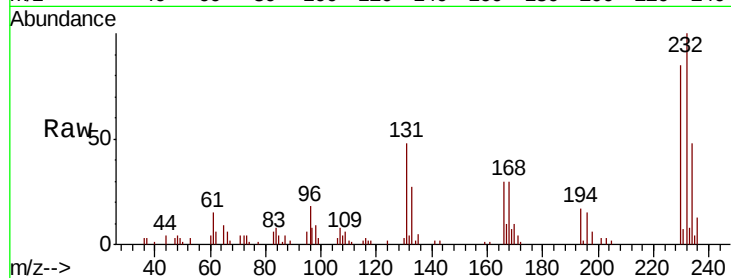




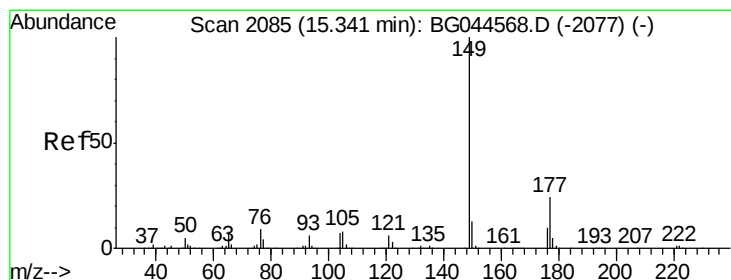
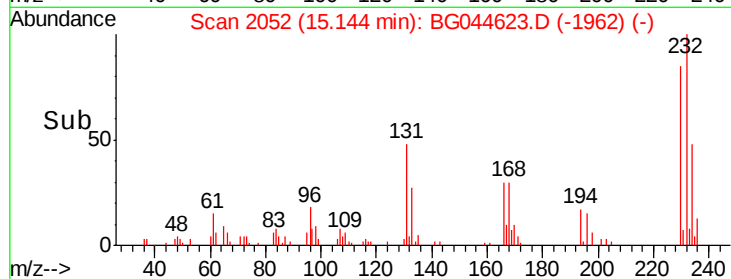
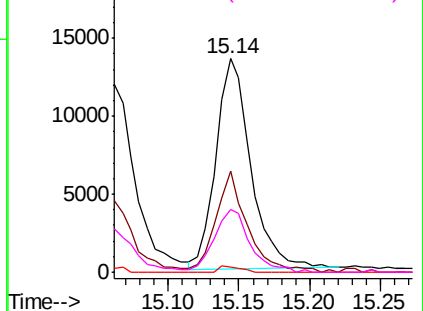
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.013 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	23139
Ion	Ratio	Lower	Upper
232	100		
131	44.0	31.8	47.6
130	1.9	1.8	2.6
166	31.0	22.7	34.1

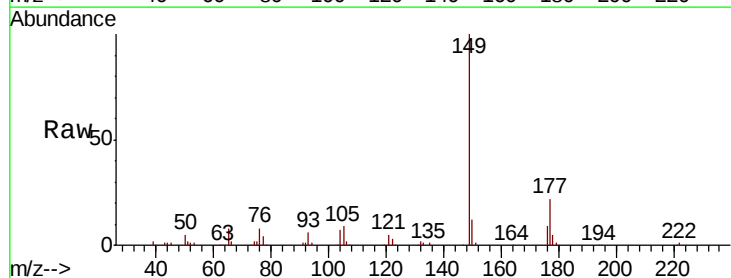


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

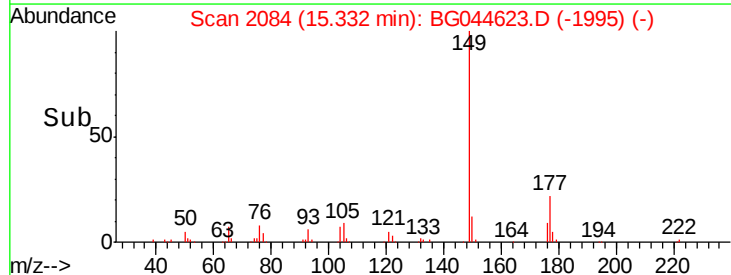
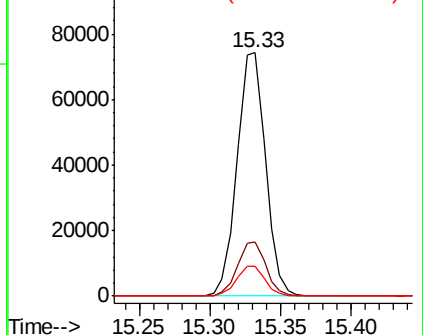


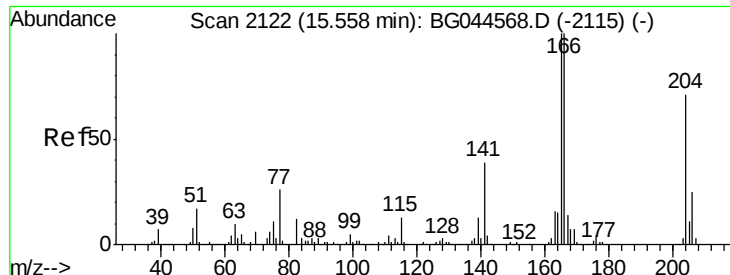
#60
Diethylphthalate
Concen: 9.399 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion:	149	Resp:	104976
Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.2	28.8
150	12.1	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

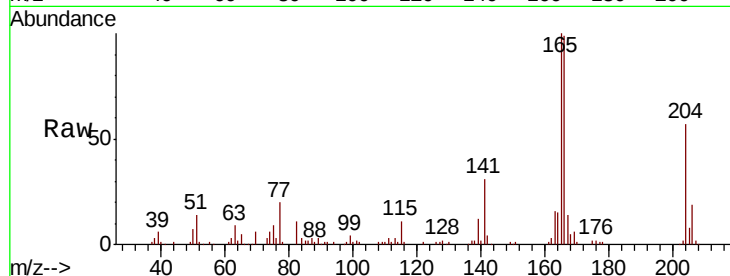




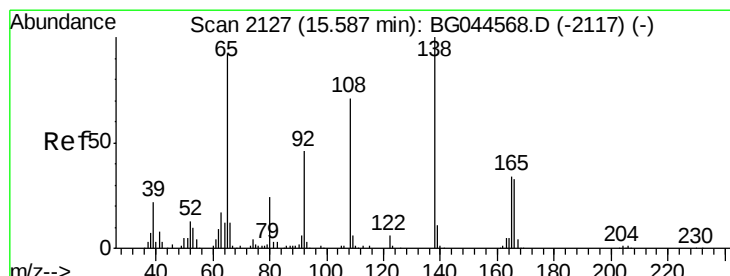
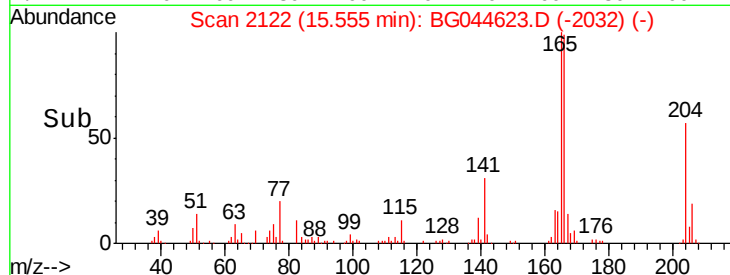
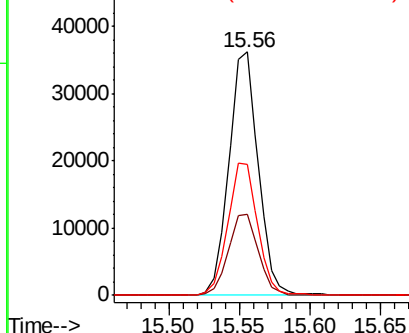
#61
 4-Chlorophenyl-phenylether
 Concen: 9.249 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.8	41.8
141	54.0	43.8	65.8

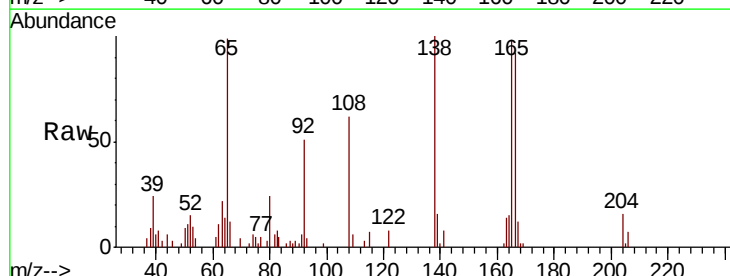


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

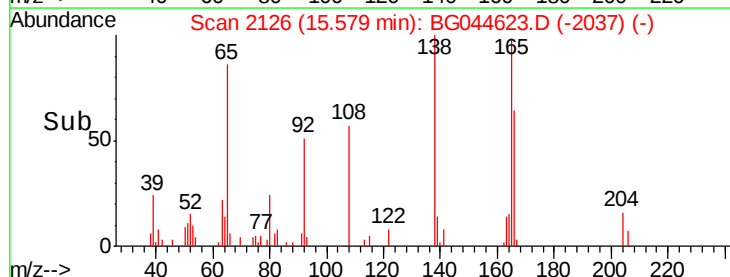
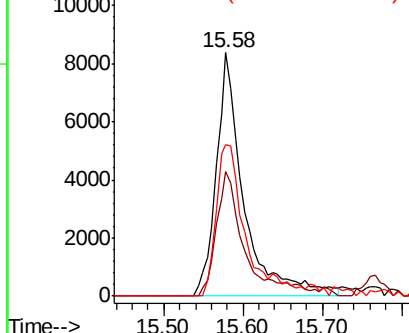


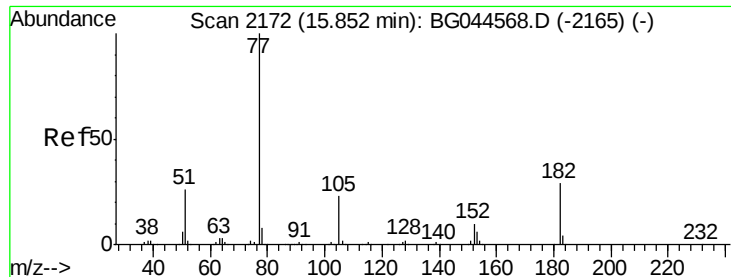
#62
 4-Nitroaniline
 Concen: 7.500 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	26.4	66.4
108	62.1	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

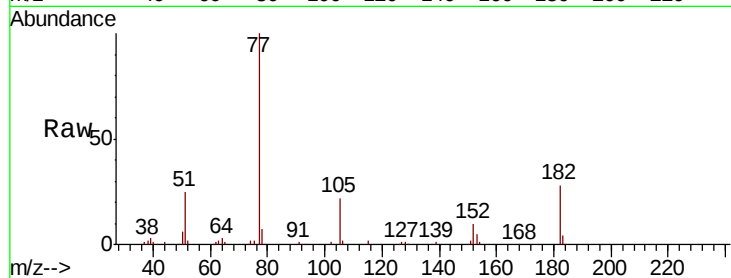




#63
Azobenzene
Concen: 9.541 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	90687
Ion	Ratio	Lower	Upper
77	100		
182	27.6	9.4	49.4
105	22.3	3.4	43.4
51	25.4	6.4	46.4



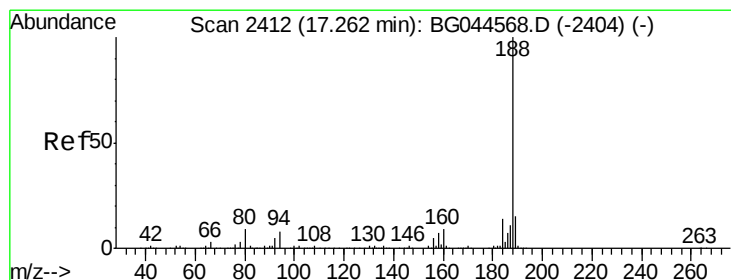
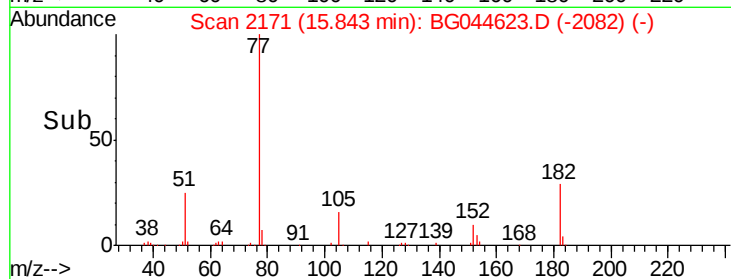
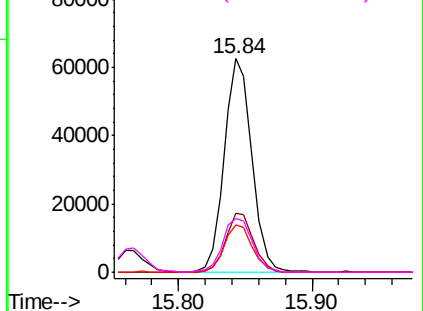
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

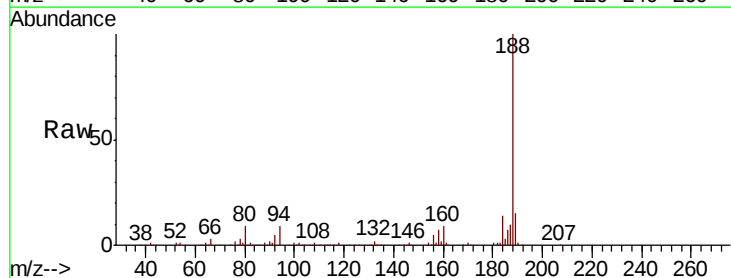
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.25 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion:	188	Resp:	322230
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.2	7.6	11.4

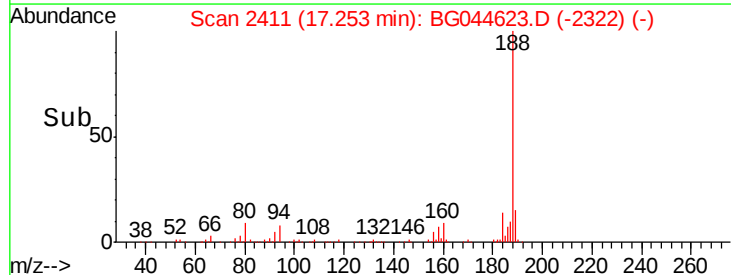
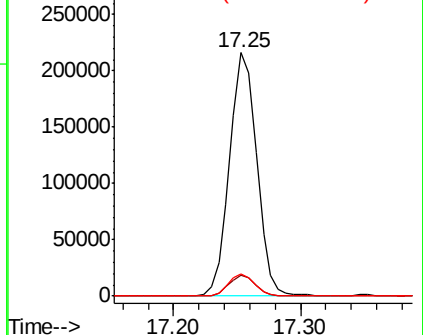


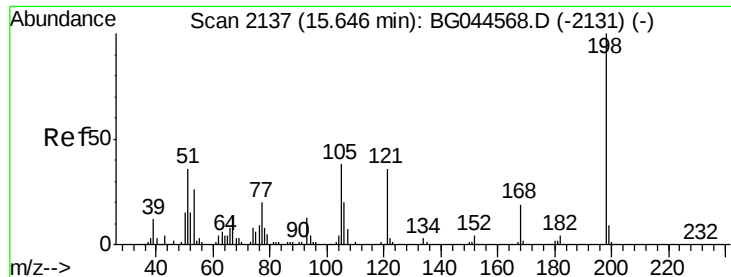
Abundance

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: 6.129 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

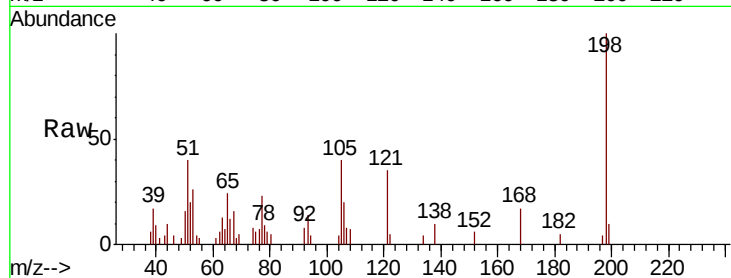
Tot Ion:198 Resp: 12228

Ion Ratio Lower Upper

198 100

51 39.5 17.0 57.0

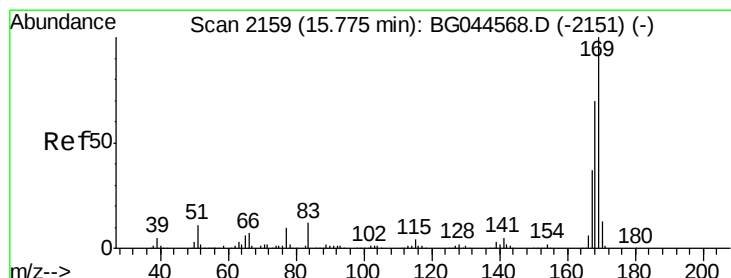
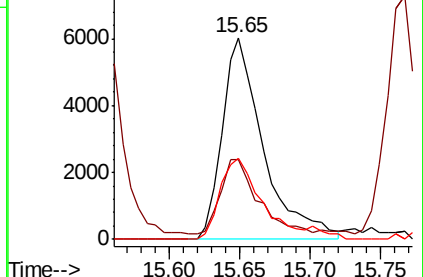
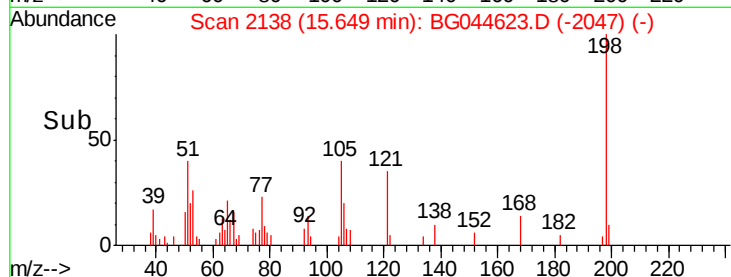
105 40.4 18.4 58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 9.041 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

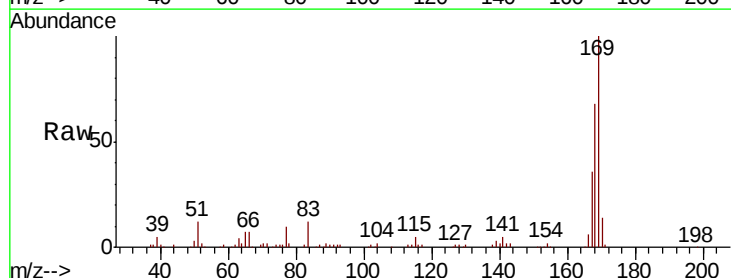
Tgt Ion:169 Resp: 90876

Ion Ratio Lower Upper

169 100

168 67.7 56.1 84.1

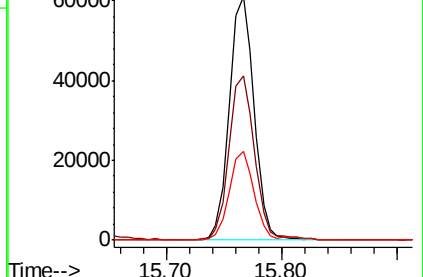
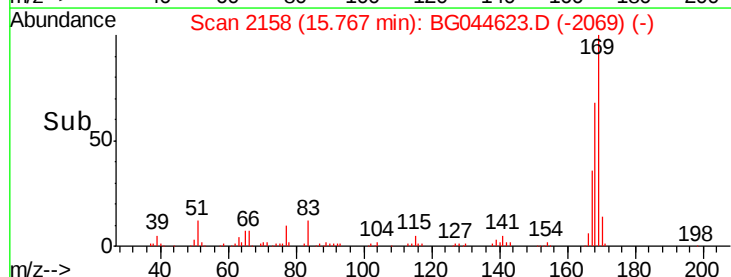
167 36.3 29.4 44.0

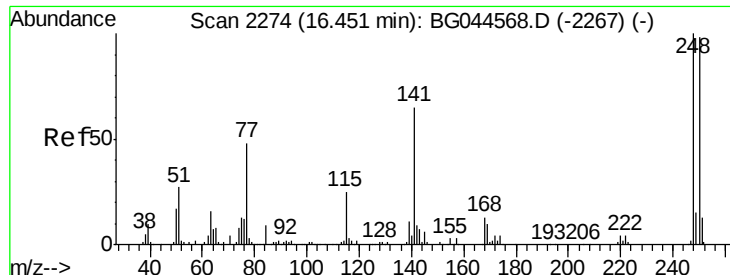


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

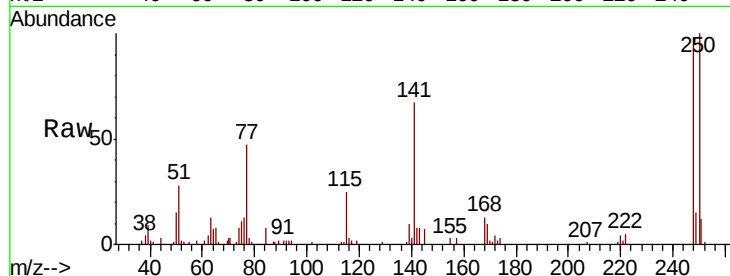




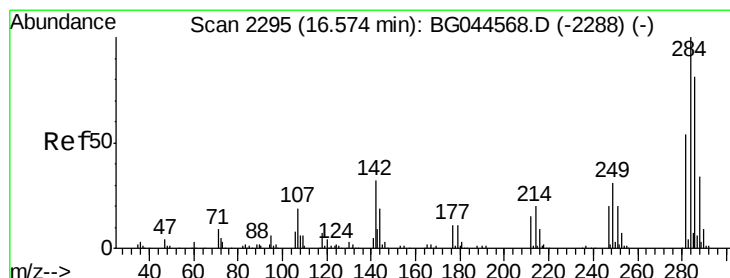
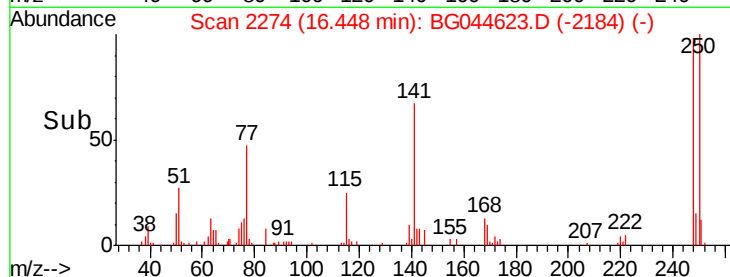
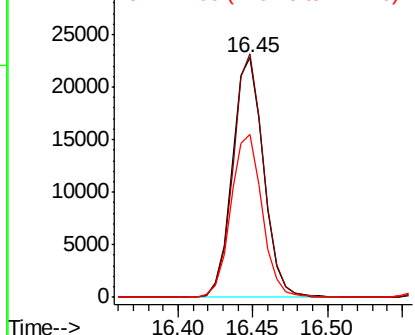
#67
 4-Bromophenyl-phenylether
 Concen: 8.310 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 33240
 Ion Ratio Lower Upper
 248 100
 250 101.8 78.7 118.1
 141 68.1 52.3 78.5

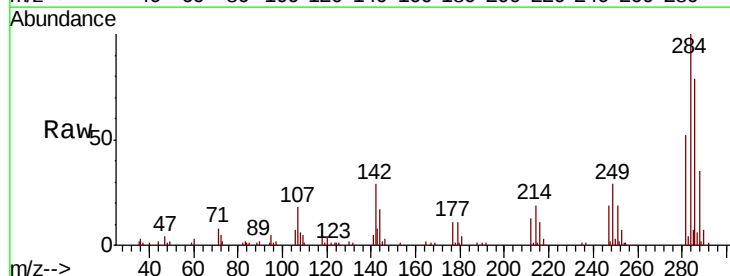


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

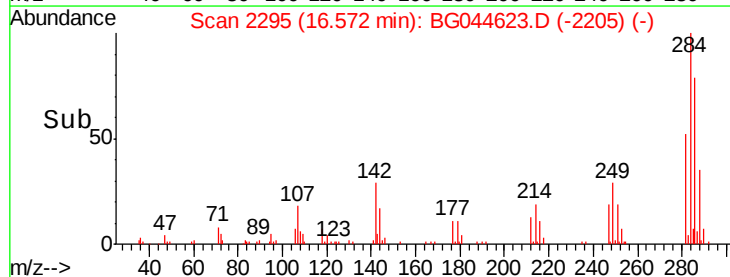
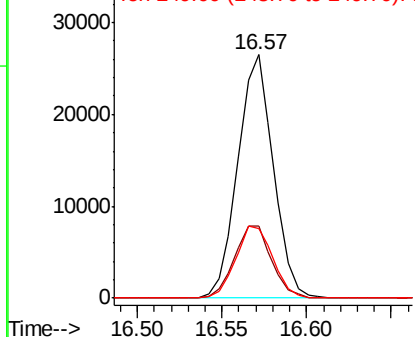


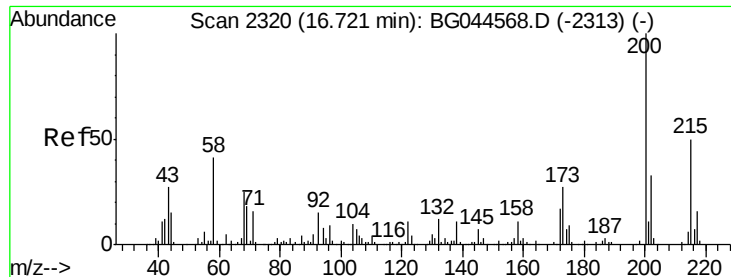
#68
 Hexachlorobenzene
 Concen: 8.562 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion:284 Resp: 38717
 Ion Ratio Lower Upper
 284 100
 142 29.4 25.6 38.4
 249 28.7 24.6 36.8



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

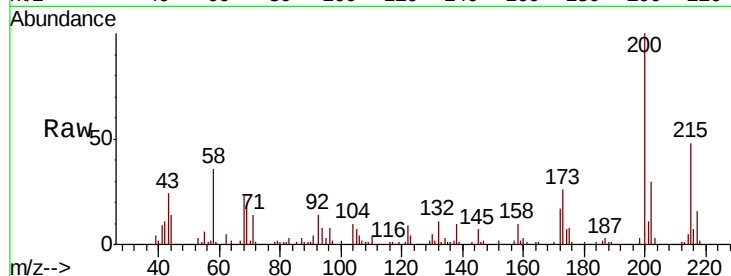




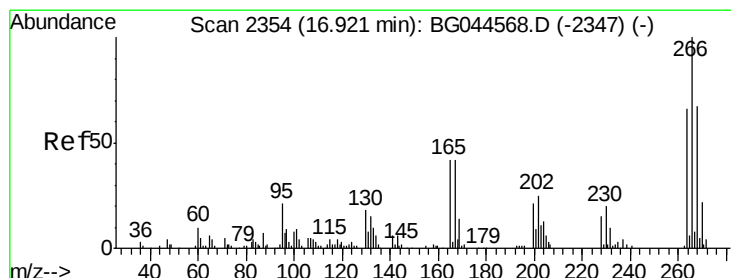
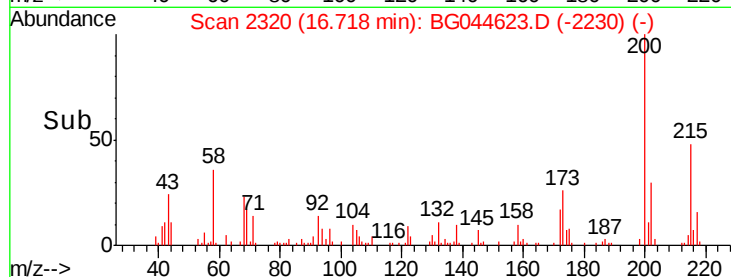
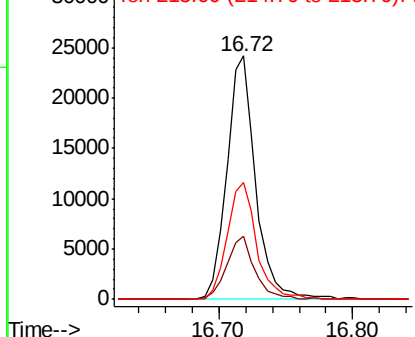
#69
 Atrazine
 Concen: 9.753 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 36239
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.6 46.6
 215 48.2 30.3 70.3

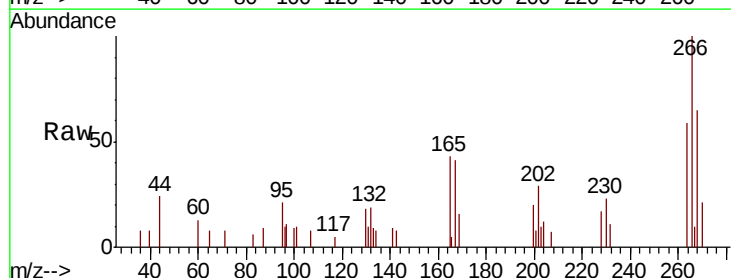


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

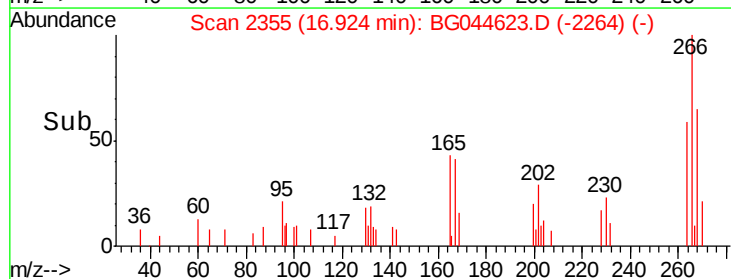
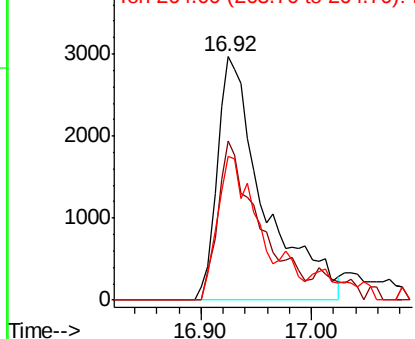


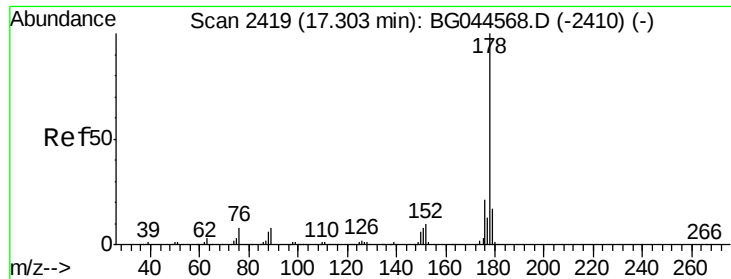
#70
 Pentachlorophenol
 Concen: 4.653 ng
 RT: 16.92 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion:266 Resp: 8718
 Ion Ratio Lower Upper
 266 100
 268 65.1 53.4 80.0
 264 58.8 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

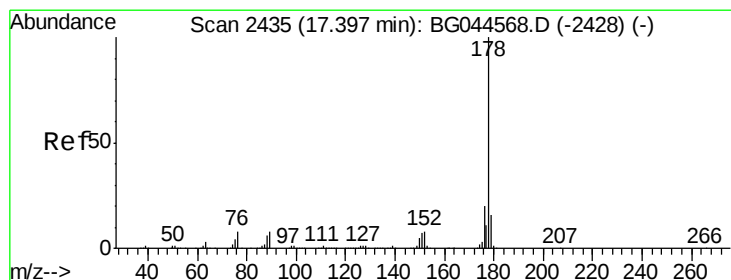
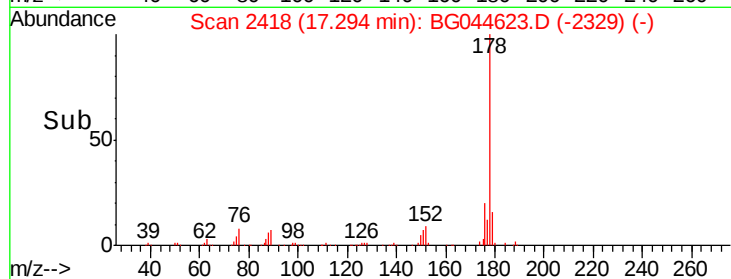
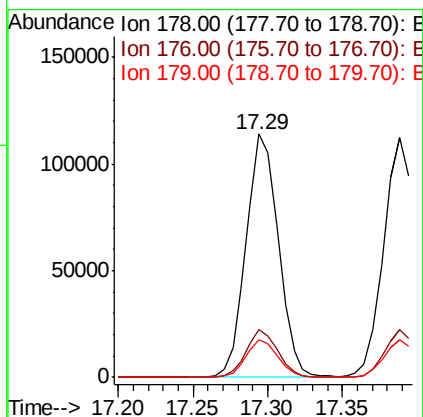
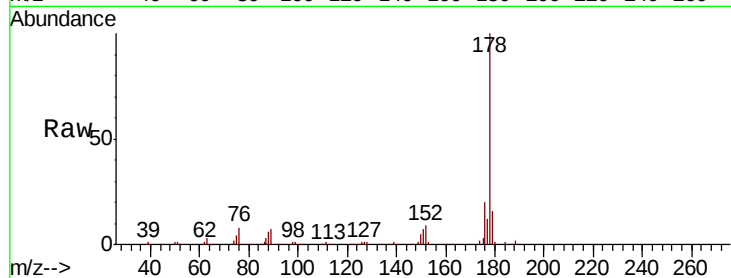




#71
Phenanthrene
Concen: 9.581 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

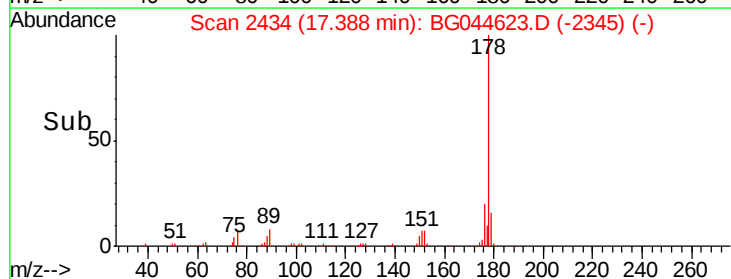
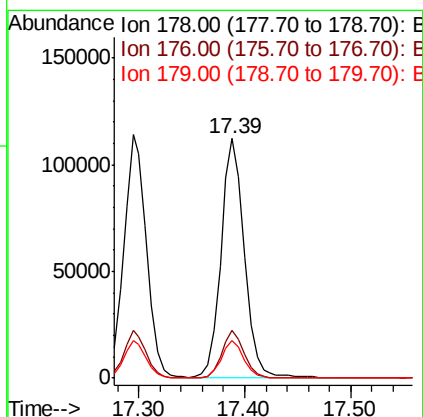
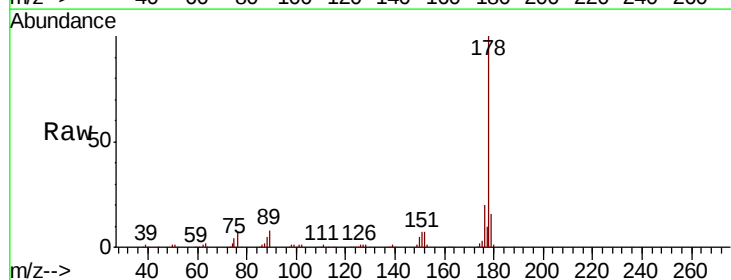
Instrument :
BNA_G
ClientSampleId :

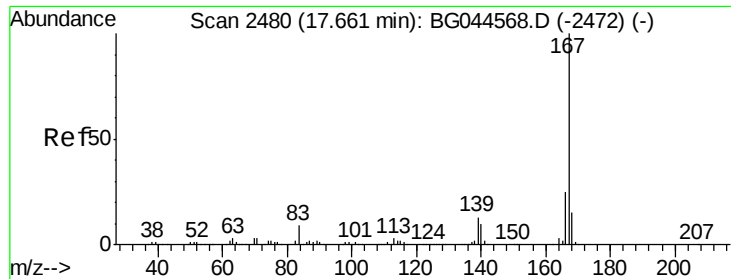
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.6	13.3	19.9



#72
Anthracene
Concen: 9.702 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.7	13.1	19.7





#73

Carbazole

Concen: 9.156 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampled :

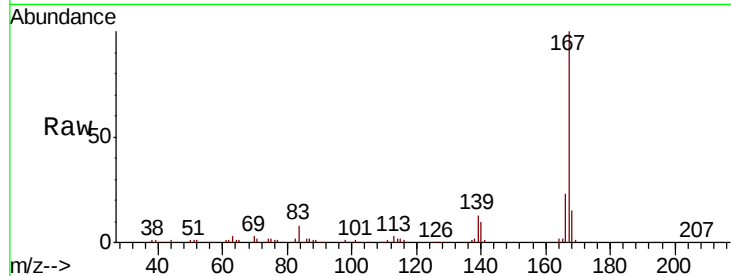
Tot Ion:167 Resp: 146522

Ion Ratio Lower Upper

167 100

166 22.9 19.7 29.5

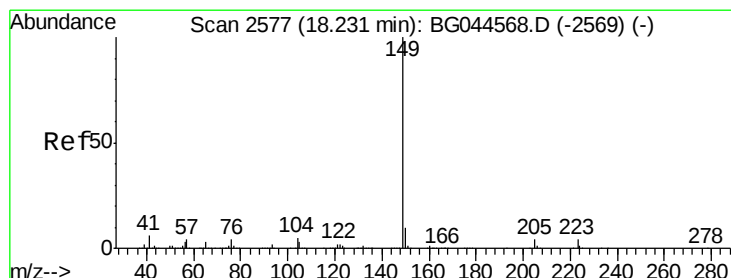
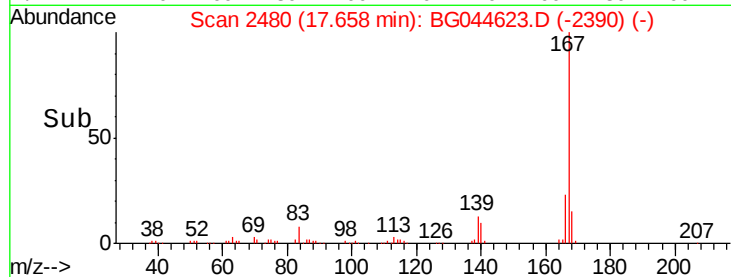
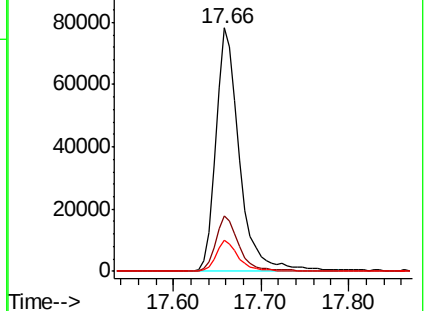
139 12.7 10.6 15.8



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: 9.040 ng

RT: 18.22 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

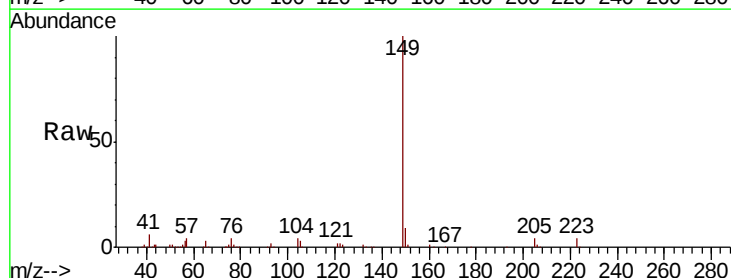
Tgt Ion:149 Resp: 181285

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.8

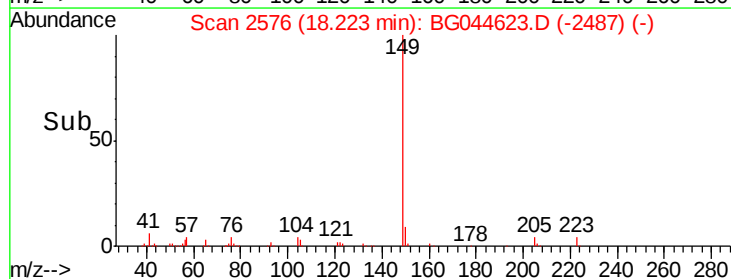
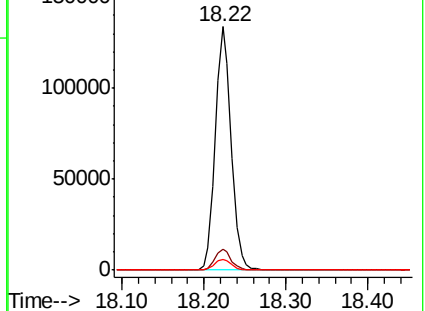
104 4.4 4.0 6.0

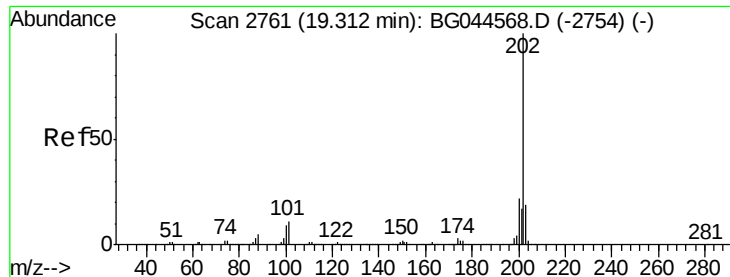


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.771 ng

RT: 19.31 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

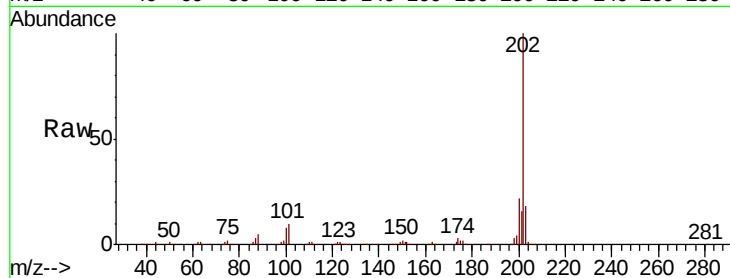
Tot Ion:202 Resp: 206339

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.0

203 18.1 0.0 39.2



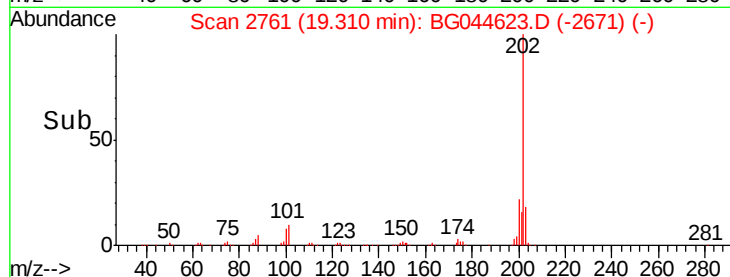
Abundance

Ion 202.00 (201.70 to 202.70): E

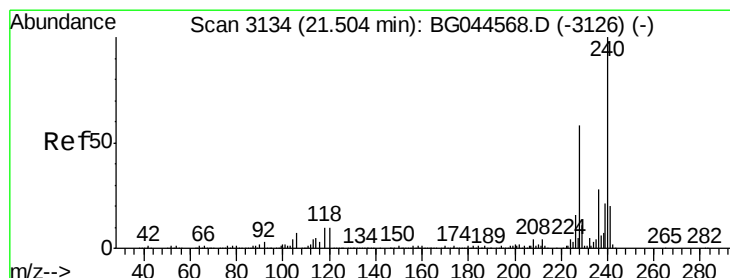
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.31



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

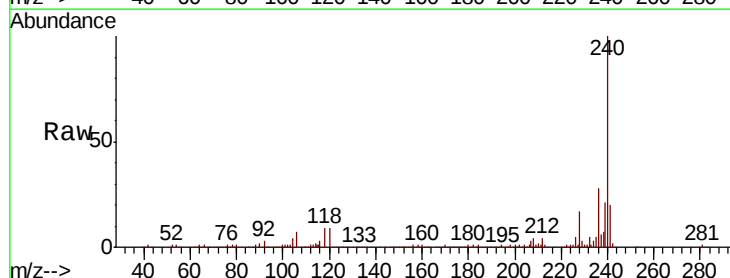
Tgt Ion:240 Resp: 314672

Ion Ratio Lower Upper

240 100

120 9.5 8.3 12.5

236 27.8 22.3 33.5



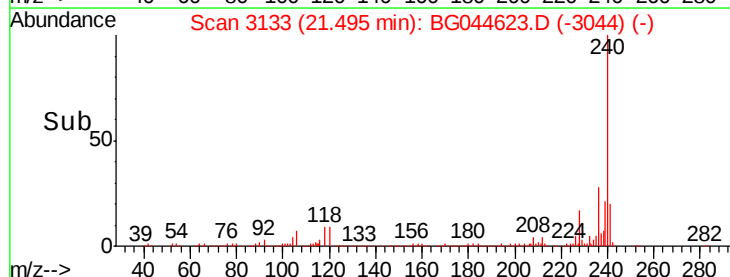
Abundance

Ion 240.00 (239.70 to 240.70): E

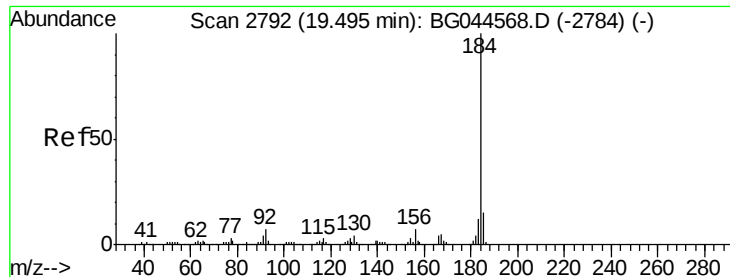
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.50



Time-->



#77

Benzidine

Concen: 8.552 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampled :

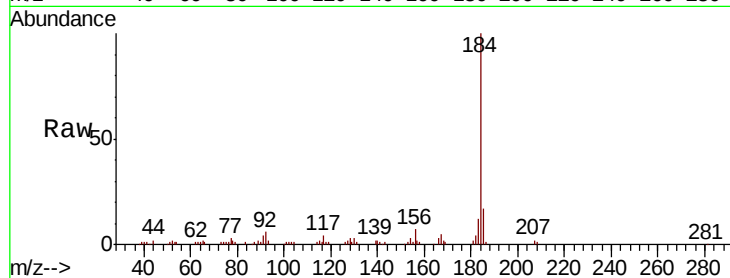
Tot Ion:184 Resp: 92188

Ion Ratio Lower Upper

184 100

185 16.9 12.2 18.4

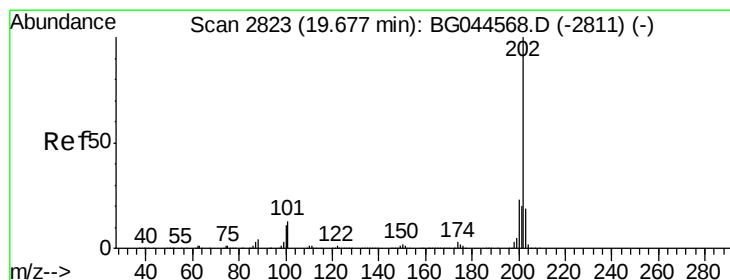
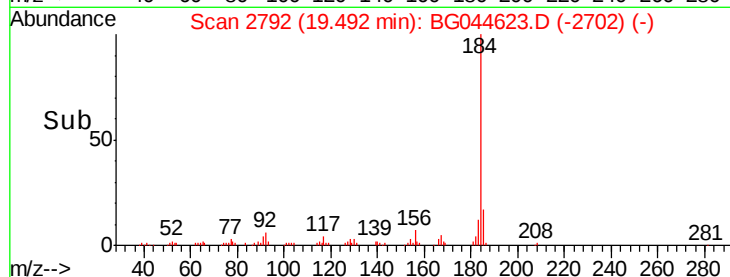
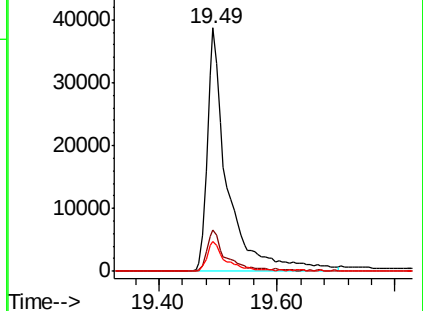
183 12.1 9.9 14.9



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: 9.312 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

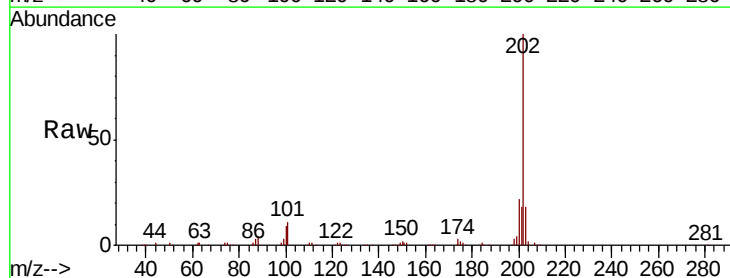
Tgt Ion:202 Resp: 212711

Ion Ratio Lower Upper

202 100

200 22.2 18.6 28.0

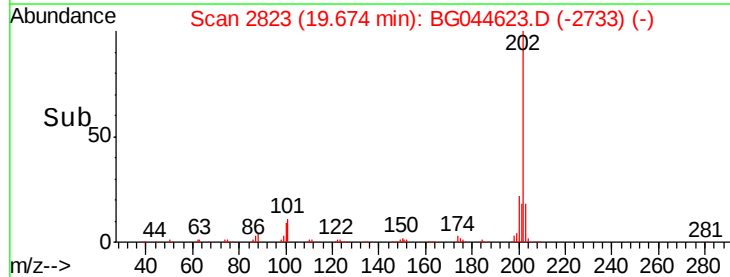
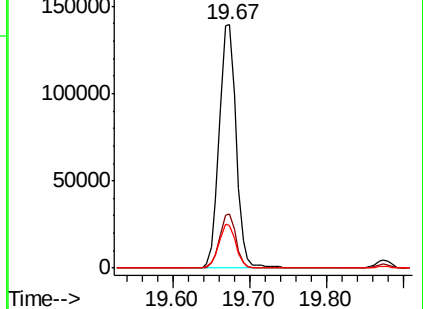
203 17.6 15.3 22.9

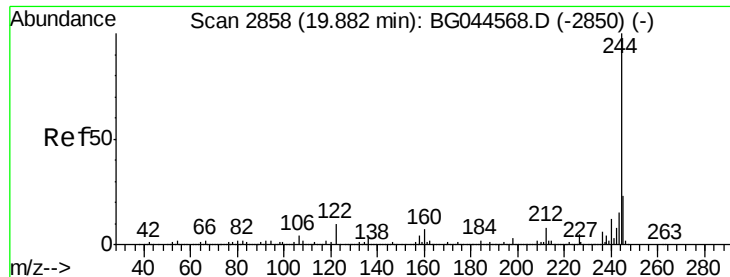


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.584 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampled :

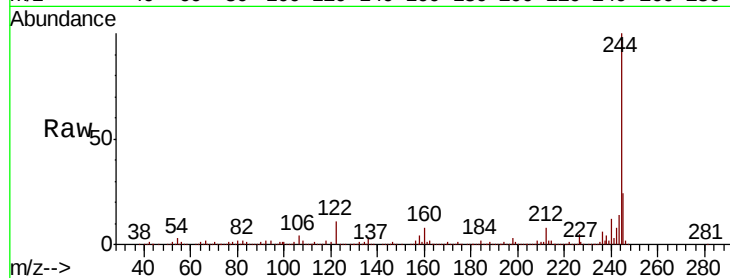
Tot Ion:244 Resp: 1588838

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

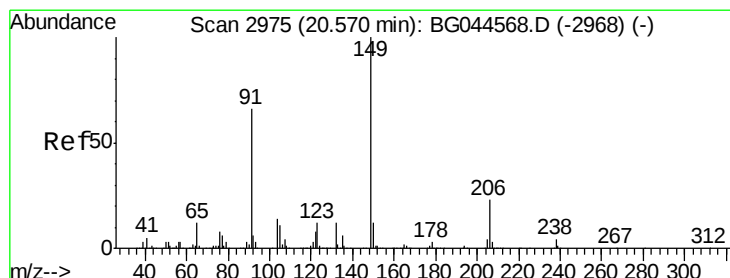
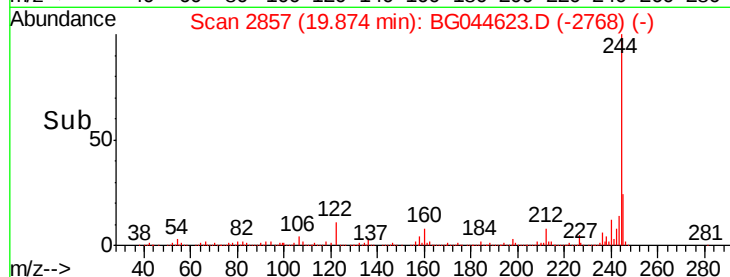
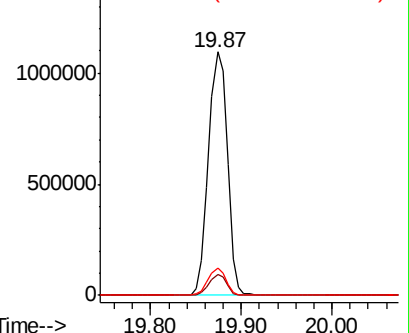
122 11.1 8.2 12.4



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: 7.910 ng

RT: 20.56 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

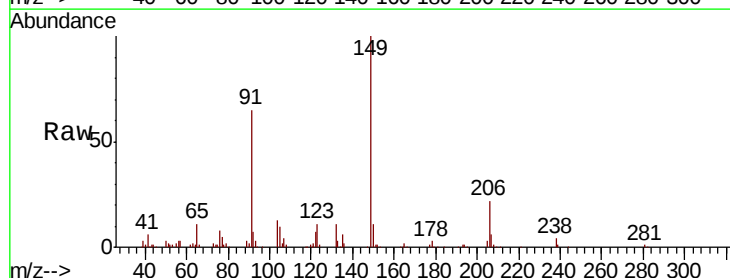
Tgt Ion:149 Resp: 79029

Ion Ratio Lower Upper

149 100

91 65.5 52.7 79.1

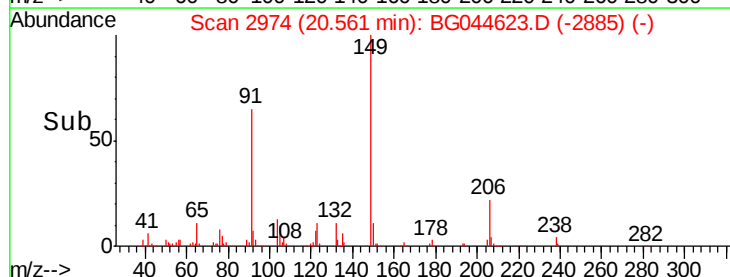
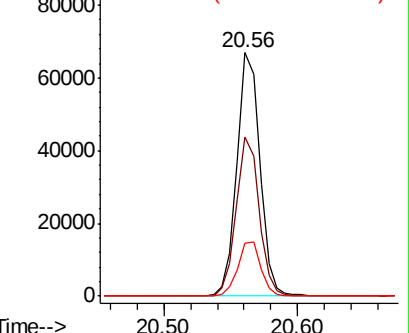
206 21.7 18.6 28.0

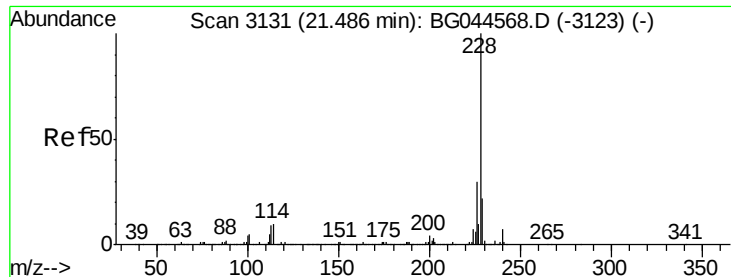


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.123 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

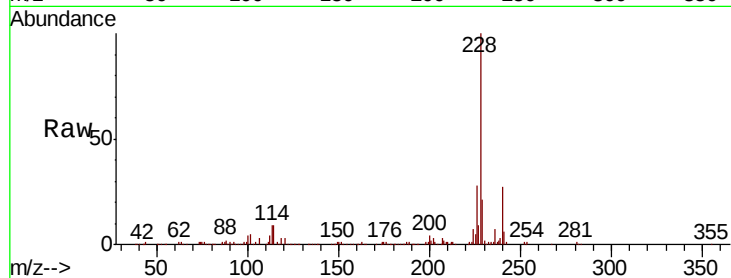
Tot Ion:228 Resp: 201775

Ion Ratio Lower Upper

228 100

226 27.8 23.8 35.8

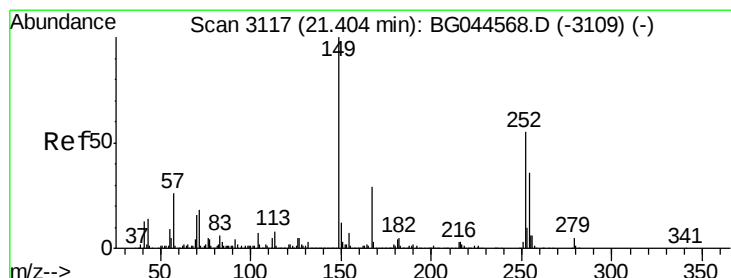
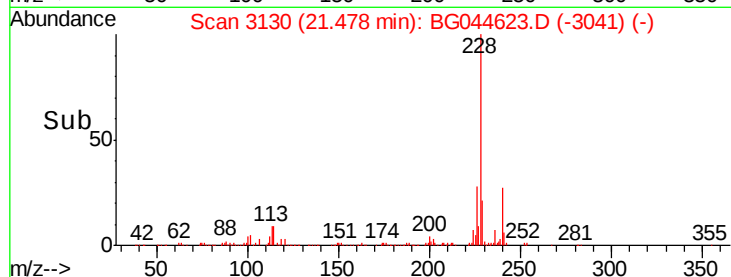
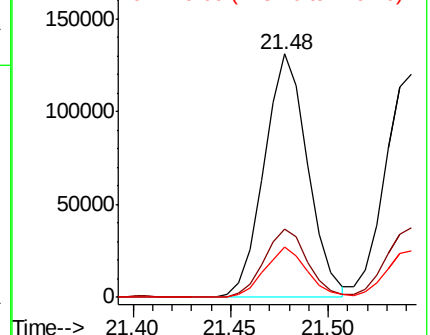
229 20.5 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.195 ng

RT: 21.40 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

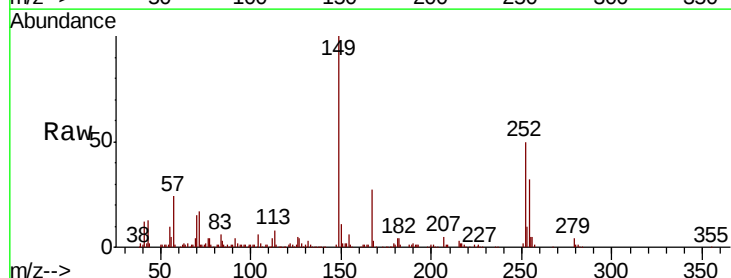
Tgt Ion:252 Resp: 80340

Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

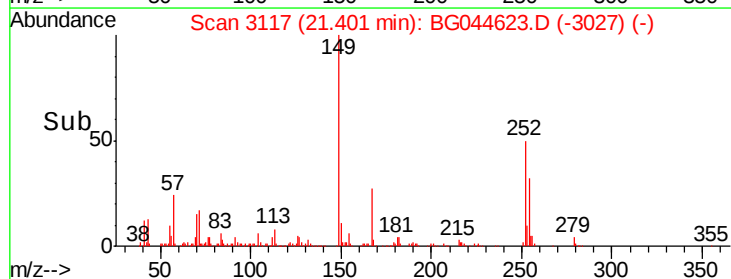
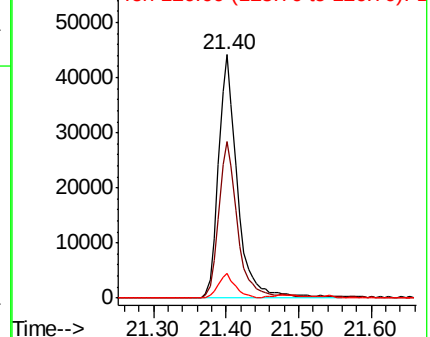
126 10.0 7.8 11.6

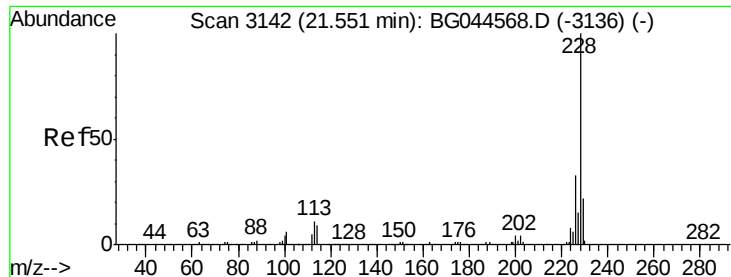


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

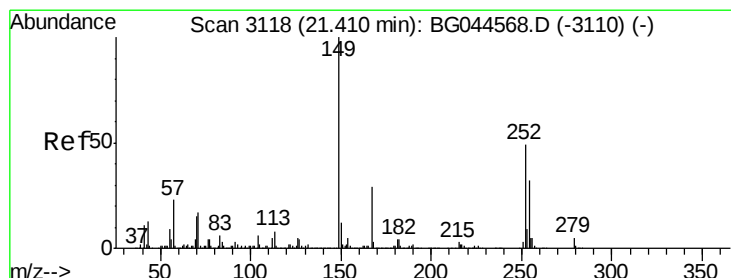
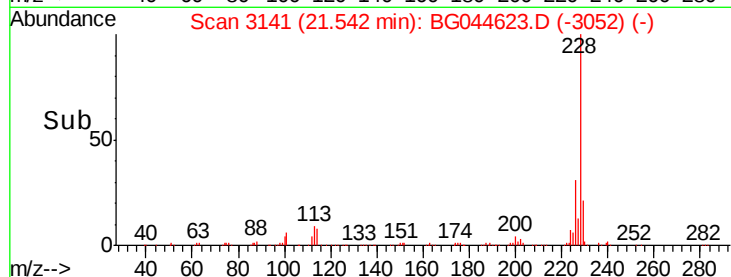
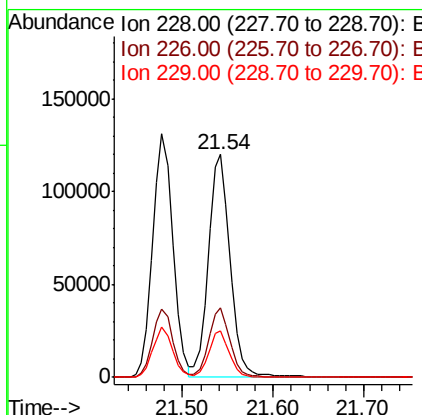
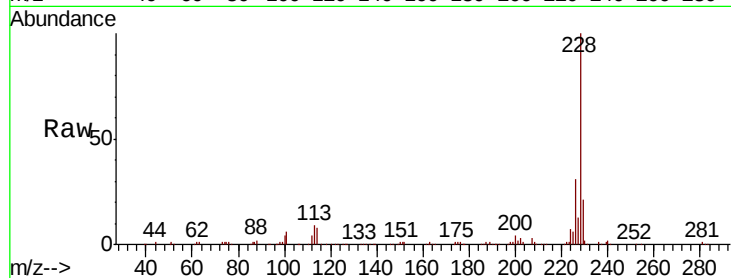




#83
 Chrysene
 Concen: 9.322 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

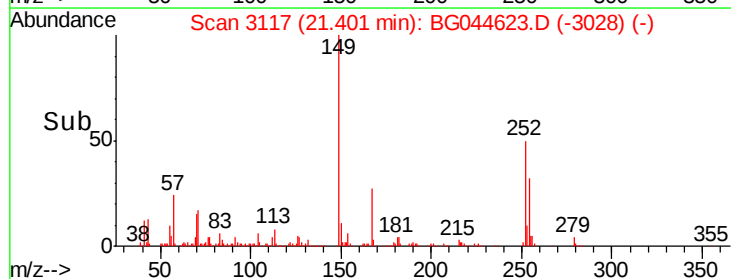
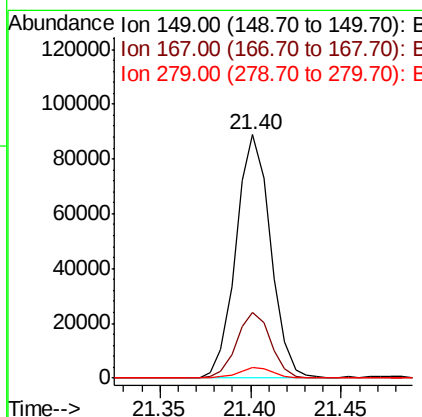
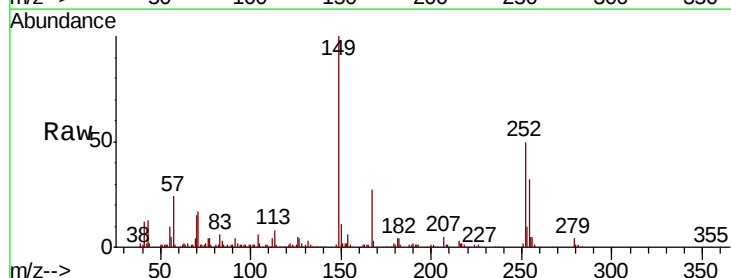
Instrument :
 BNA_G
 ClientSampleId :

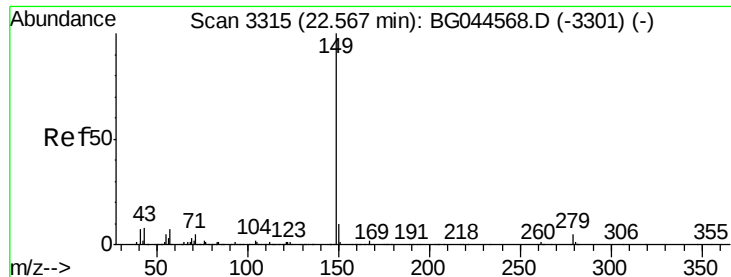
Tot Ion:228 Resp: 199326
 Ion Ratio Lower Upper
 228 100
 226 31.0 26.1 39.1
 229 20.8 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.563 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044623.D
 Acq: 28 Feb 2020 17:46

Tgt Ion:149 Resp: 117890
 Ion Ratio Lower Upper
 149 100
 167 27.0 23.4 35.0
 279 4.2 4.2 6.4#





#85

Di-n-octyl phthalate

Concen: 8.094 ng

RT: 22.55 min Scan# 3313

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

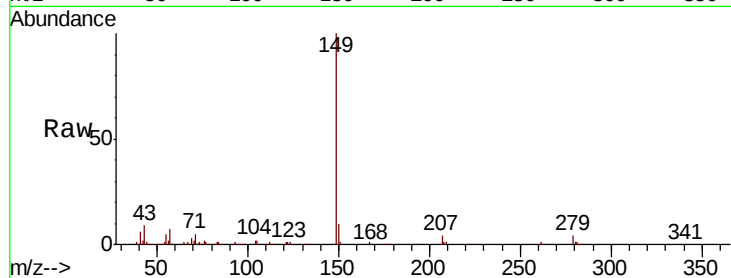
Tot Ion:149 Resp: 196058

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

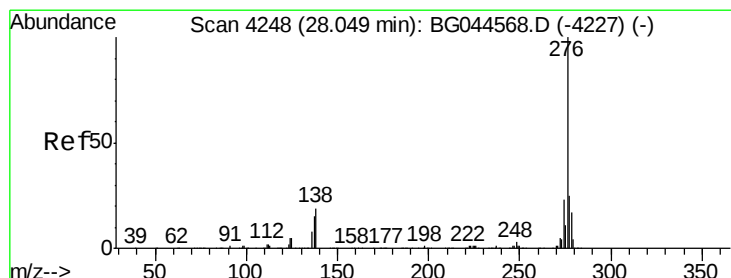
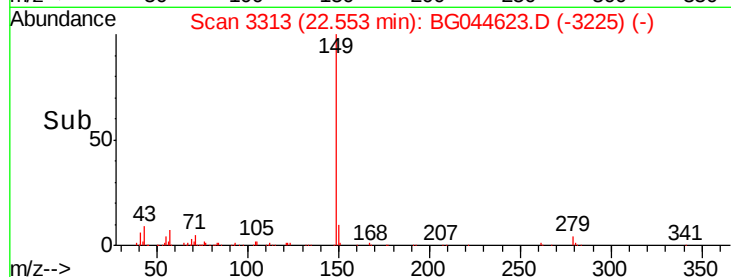
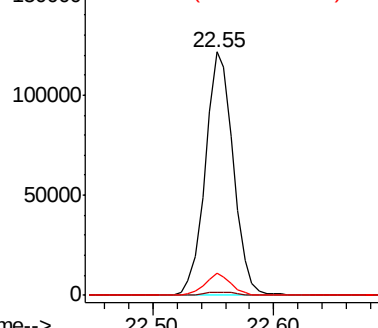
43 8.8 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.314 ng

RT: 28.02 min Scan# 4244

Delta R.T. -0.03 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

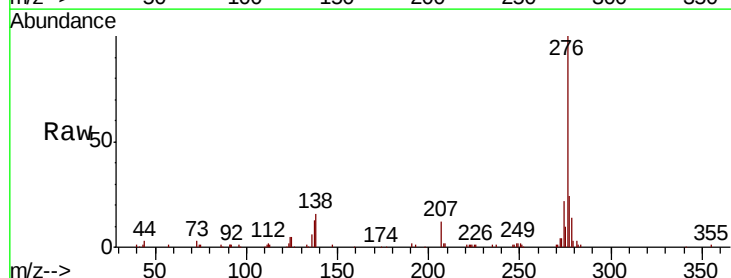
Tgt Ion:276 Resp: 228147

Ion Ratio Lower Upper

276 100

138 21.3 18.2 27.4

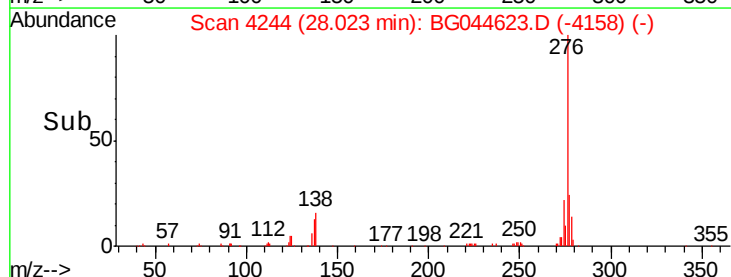
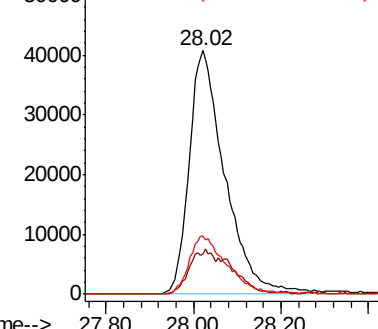
277 25.0 20.7 31.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampleId :

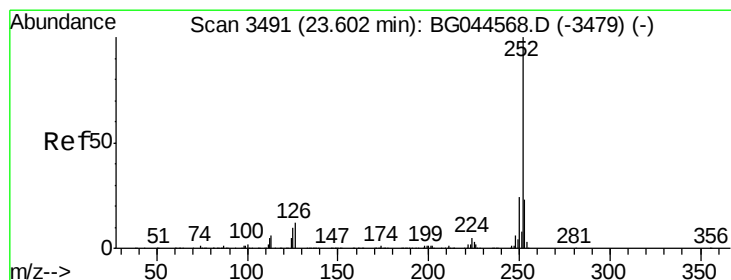
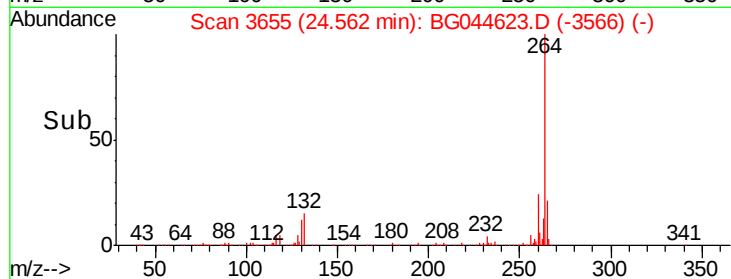
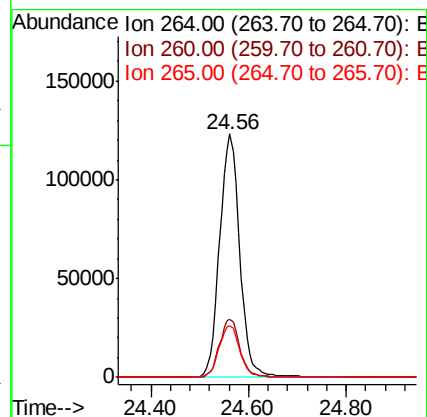
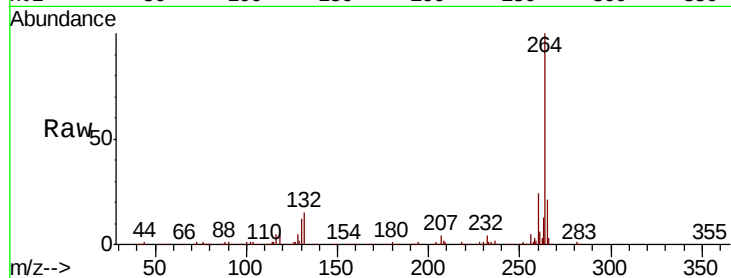
Tot Ion:264 Resp: 351703

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.4 17.8 26.8



#88

Benzo(b)fluoranthene

Concen: 8.558 ng

RT: 23.59 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

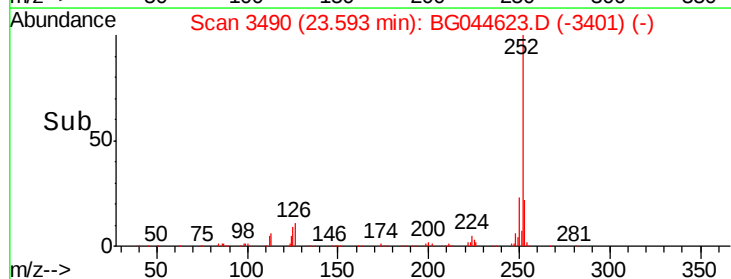
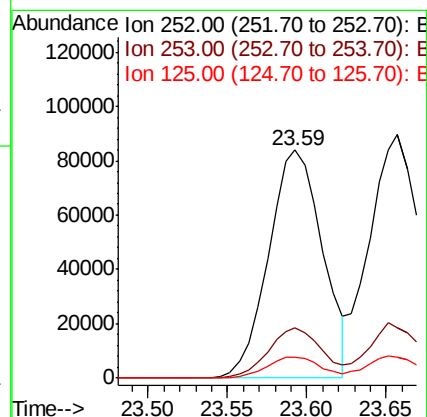
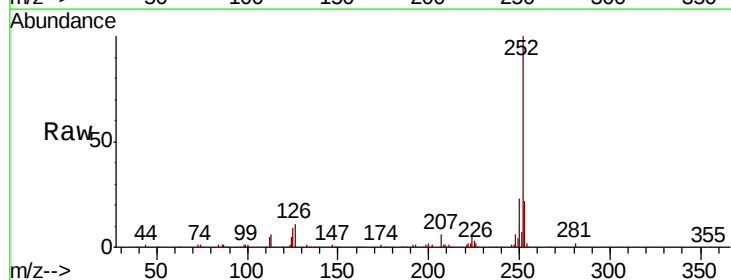
Tgt Ion:252 Resp: 197889

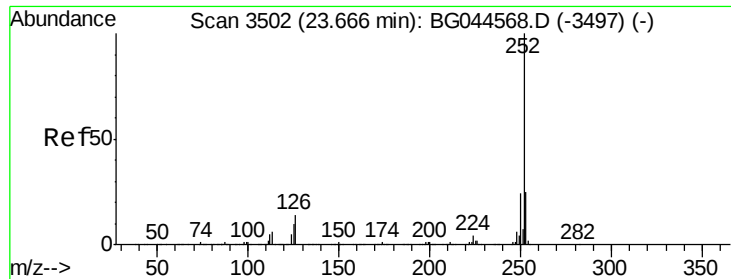
Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 8.9 7.9 11.9

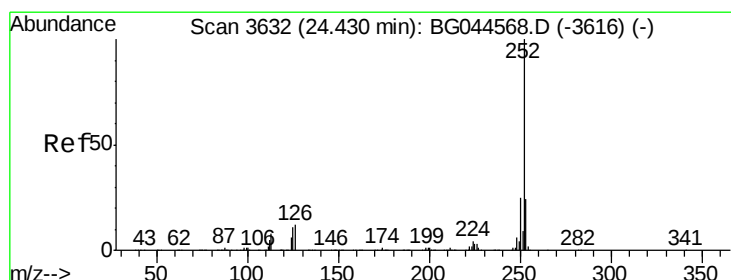
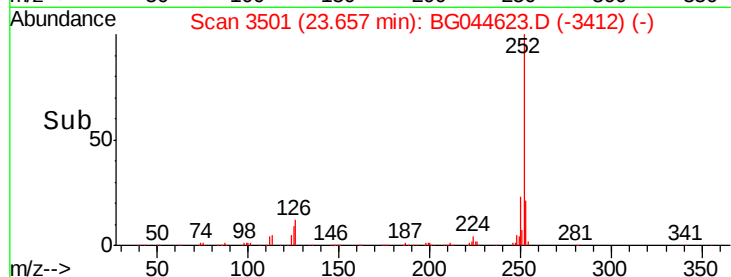
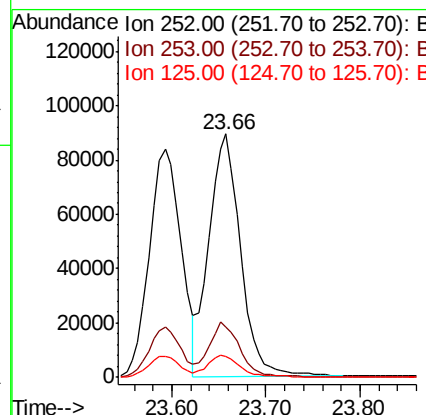
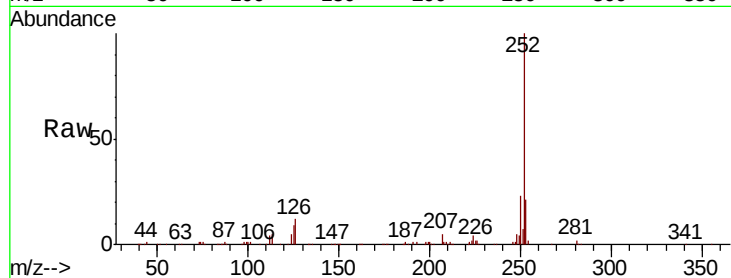




#89
Benzo(k)fluoranthene
Concen: 9.390 ng
RT: 23.66 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

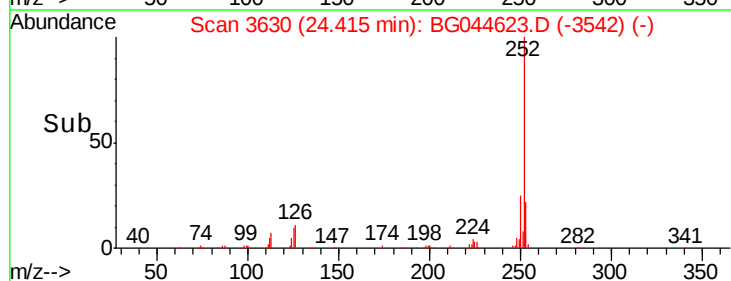
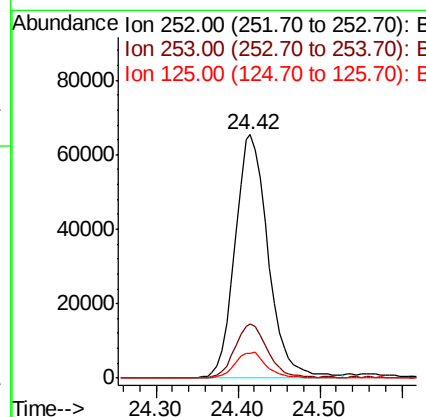
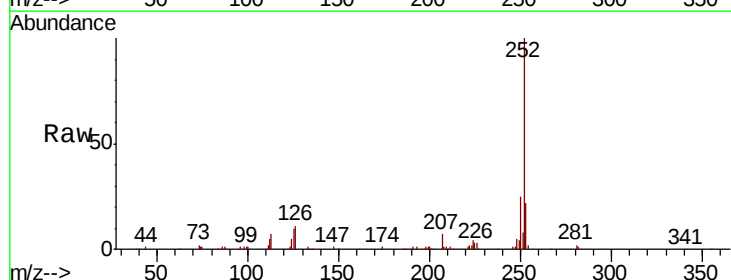
Instrument :
BNA_G
ClientSampled :

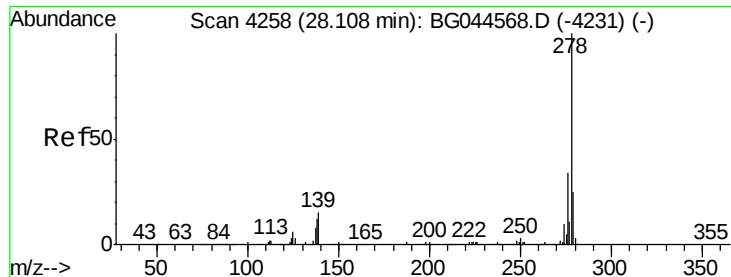
Tot Ion:252 Resp: 210675
Ion Ratio Lower Upper
252 100
253 20.9 19.0 28.6
125 8.8 7.8 11.8



#90
Benzo(a)pyrene
Concen: 8.487 ng
RT: 24.42 min Scan# 3630
Delta R.T. -0.01 min
Lab File: BG044623.D
Acq: 28 Feb 2020 17:46

Tgt Ion:252 Resp: 184388
Ion Ratio Lower Upper
252 100
253 22.3 19.0 28.4
125 10.3 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 8.660 ng

RT: 28.08 min Scan# 4254

Delta R.T. -0.03 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

Instrument :

BNA_G

ClientSampled :

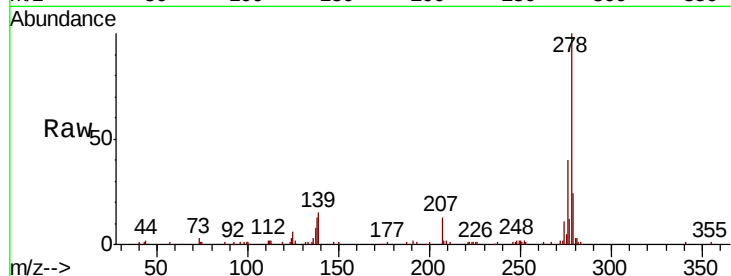
Tot Ion:278 Resp: 186084

Ion Ratio Lower Upper

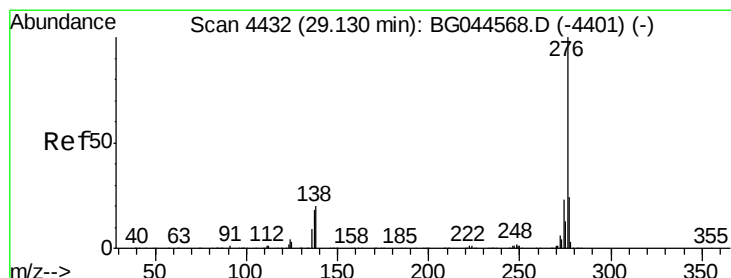
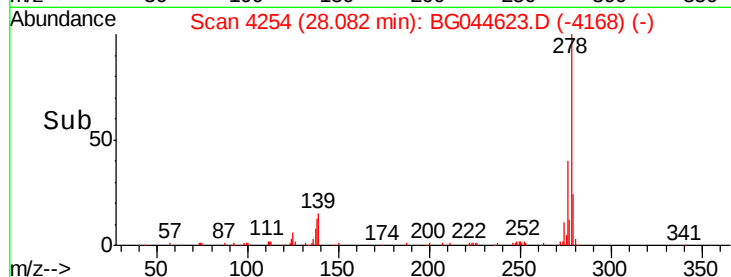
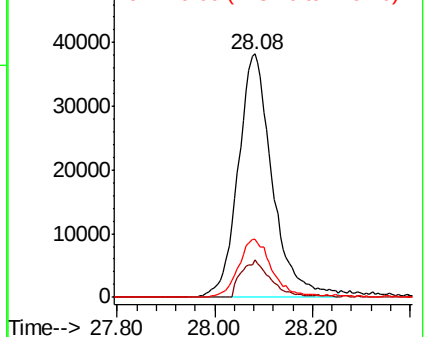
278 100

139 15.2 11.7 17.5

279 23.6 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.923 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.03 min

Lab File: BG044623.D

Acq: 28 Feb 2020 17:46

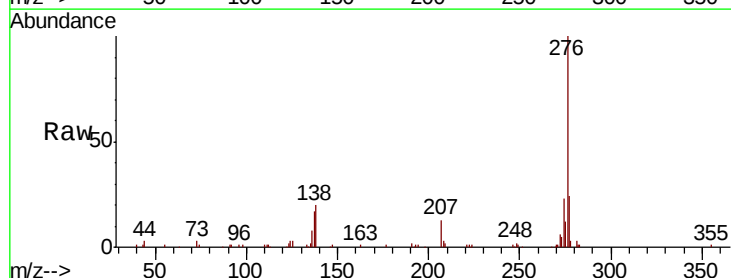
Tgt Ion:276 Resp: 192099

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 19.6 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

