

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044612.D
 Acq On : 26 Feb 2020 20:43
 Operator : CG/JU
 Sample : L1367-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 06:44:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	59265	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	248804	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	167264	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	388375	20.00	ng	0.00
76) Chrysene-d12	21.50	240	391122	20.00	ng	0.00
87) Perylene-d12	24.57	264	417394	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	478836	129.63	ng	0.00
7) Phenol-d6	7.05	99	582208	115.15	ng	0.00
23) Nitrobenzene-d5	9.03	82	408512	84.59	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	309614	130.55	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	934763	80.03	ng	0.00
79) Terphenyl-d14	19.88	244	1685092	81.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	62137	38.550	ng	# 43
3) Pyridine	3.74	79	119978	26.676	ng	99
4) n-Nitrosodimethylamine	3.64	42	78550	45.985	ng	97
6) Aniline	7.20	93	143681	23.341	ng	98
8) 2-Chlorophenol	7.44	128	201082	49.870	ng	99
9) Benzaldehyde	7.01	77	72383	24.346	ng	97
10) Phenol	7.08	94	216202	44.126	ng	100
11) bis(2-Chloroethyl)ether	7.29	93	187754	45.582	ng	97
12) 1,3-Dichlorobenzene	7.76	146	206926	43.027	ng	98
13) 1,4-Dichlorobenzene	7.91	146	208730	43.187	ng	97
14) 1,2-Dichlorobenzene	8.23	146	197034	42.868	ng	98
15) Benzyl Alcohol	8.11	79	165290	48.474	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	239845	43.327	ng	99
17) 2-Methylphenol	8.33	107	163210	46.628	ng	98
18) Hexachloroethane	8.95	117	75863	42.949	ng	94
19) n-Nitroso-di-n-propylamine	8.68	70	146463	45.066	ng	98
20) 3+4-Methylphenols	8.65	107	221555	46.232	ng	99
22) Acetophenone	8.70	105	277448	44.415	ng	99
24) Nitrobenzene	9.07	77	207749	44.402	ng	99
25) Isophorone	9.60	82	408000	45.160	ng	99
26) 2-Nitrophenol	9.79	139	112926	44.504	ng	98
27) 2,4-Dimethylphenol	9.85	122	187970	52.759	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	254048	42.522	ng	98
29) 2,4-Dichlorophenol	10.33	162	199096	46.741	ng	97
30) 1,2,4-Trichlorobenzene	10.54	180	202287	41.064	ng	97
31) Naphthalene	10.72	128	593990	43.752	ng	99
32) Benzoic acid	10.02	122	58009	45.831	ng	98
33) 4-Chloroaniline	10.85	127	31866	5.329	ng	98
34) Hexachlorobutadiene	11.02	225	120107	38.824	ng	97
35) Caprolactam	11.61	113	28775	18.871	ng	98
36) 4-Chloro-3-methylphenol	11.97	107	213825	48.768	ng	97
37) 2-Methylnaphthalene	12.33	142	440639	43.916	ng	99
38) 1-Methylnaphthalene	12.56	142	421133	44.172	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	224048	39.789	ng	99

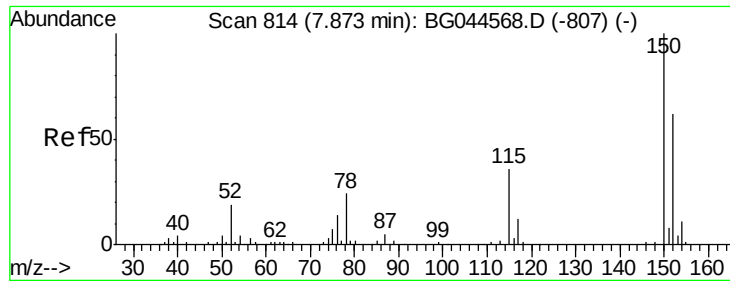
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044612.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	196800	74.044	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	164303	44.938	ng	100
44) 2,4,5-Trichlorophenol	13.03	196	179261	47.729	ng	98
46) 1,1'-Biphenyl	13.35	154	573159	41.408	ng	99
47) 2-Chloronaphthalene	13.39	162	446255	41.114	ng	98
48) 2-Nitroaniline	13.59	65	136300	45.237	ng	95
49) Acenaphthylene	14.24	152	716017	44.689	ng	100
50) Dimethylphthalate	13.97	163	634431	46.994	ng	100
51) 2,6-Dinitrotoluene	14.09	165	137235	46.092	ng	95
52) Acenaphthene	14.58	154	441232	43.202	ng	99
53) 3-Nitroaniline	14.42	138	69996	21.798	ng	100
54) 2,4-Dinitrophenol	14.63	184	127889	73.018	ng	95
55) Dibenzofuran	14.92	168	700007	44.707	ng	100
56) 4-Nitrophenol	14.75	139	221988	100.500	ng	99
57) 2,4-Dinitrotoluene	14.88	165	194969	46.576	ng	98
58) Fluorene	15.56	166	562058	45.274	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	169154	48.907	ng	99
60) Diethylphthalate	15.34	149	609874	45.593	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	295017	43.705	ng	98
62) 4-Nitroaniline	15.59	138	140433	43.676	ng	98
63) Azobenzene	15.85	77	531068	46.650	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	110307	45.870	ng	98
66) n-Nitrosodiphenylamine	15.78	169	533233	44.016	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	200500	41.590	ng	100
68) Hexachlorobenzene	16.57	284	222253	40.777	ng	99
69) Atrazine	16.73	200	213462	47.663	ng	99
70) Pentachlorophenol	16.92	266	241711	89.662	ng	96
71) Phenanthrene	17.30	178	951043	44.231	ng	99
72) Anthracene	17.39	178	967200	45.645	ng	98
73) Carbazole	17.66	167	888787	46.081	ng	100
74) Di-n-butylphthalate	18.23	149	1084328	44.864	ng	98
75) Fluoranthene	19.31	202	1162380	45.667	ng	99
77) Benzidine	19.49	184	193486	14.441	ng	100
78) Pyrene	19.68	202	1166010	41.068	ng	98
80) Butylbenzylphthalate	20.57	149	509625	41.036	ng	99
81) Benzo(a)anthracene	21.49	228	1144074	41.619	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	220013	20.259	ng	99
83) Chrysene	21.55	228	1096464	41.254	ng	98
84) Bis(2-ethylhexyl)phthalate	21.40	149	729371	42.623	ng	99
85) Di-n-octyl phthalate	22.56	149	1266081	42.053	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1429528	41.910	ng	# 87
88) Benzo(b)fluoranthene	23.61	252	1235480	45.020	ng	99
89) Benzo(k)fluoranthene	23.67	252	1186164	44.547	ng	100
90) Benzo(a)pyrene	24.43	252	1132887	43.937	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1169743	45.872	ng	99
92) Benzo(g,h,i)perylene	29.14	276	1196069	46.815	ng	99

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

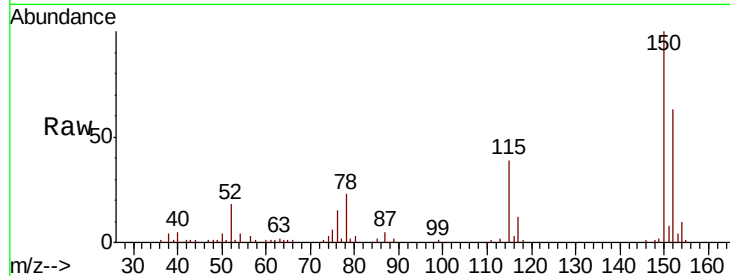


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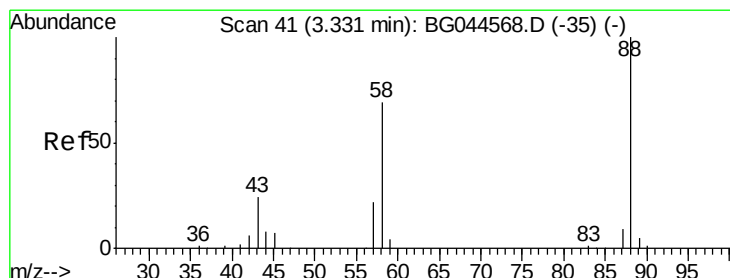
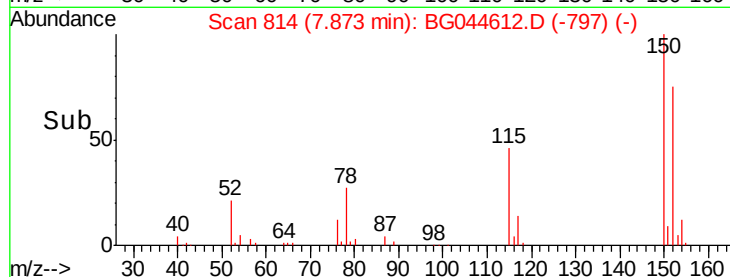
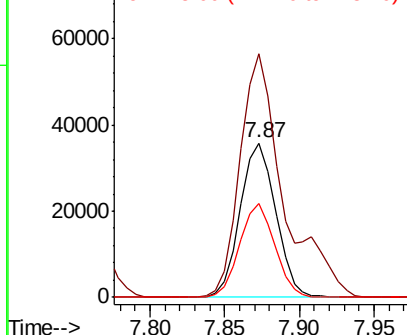
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59265
Ion Ratio Lower Upper
152 100
150 157.6 128.9 193.3
115 61.1 47.0 70.4



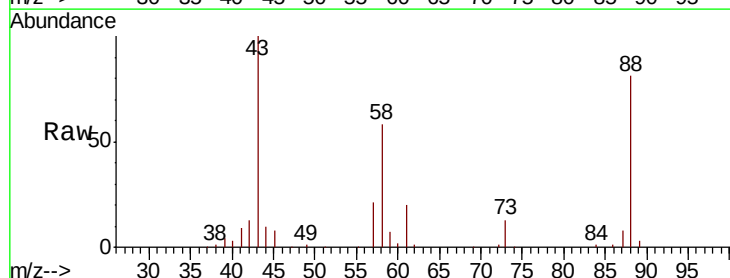
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



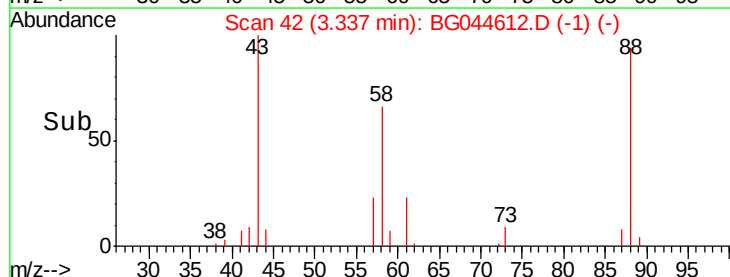
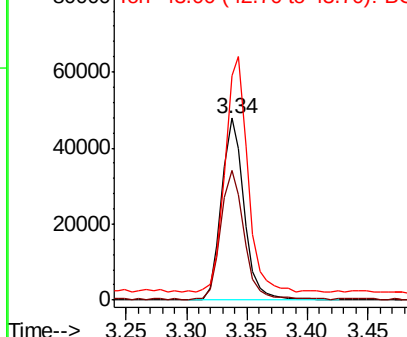
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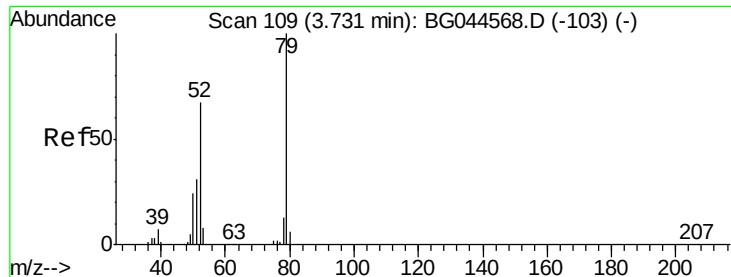
1,4-Dioxane
Concen: 38.550 ng
RT: 3.34 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion: 88 Resp: 62137
Ion Ratio Lower Upper
88 100
58 72.5 55.8 83.8
43 129.2 20.6 31.0#



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





#3

Pvridine

Concen: 26.676 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

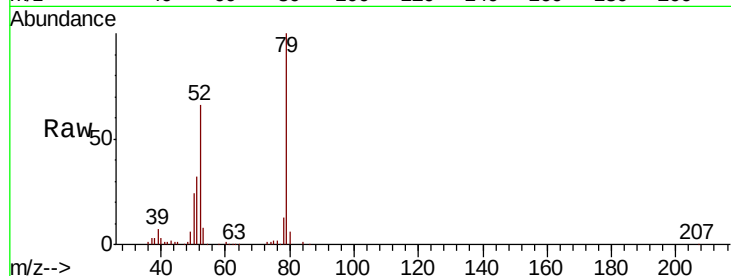
Tot Ion: 79 Resp: 119978

Ion Ratio Lower Upper

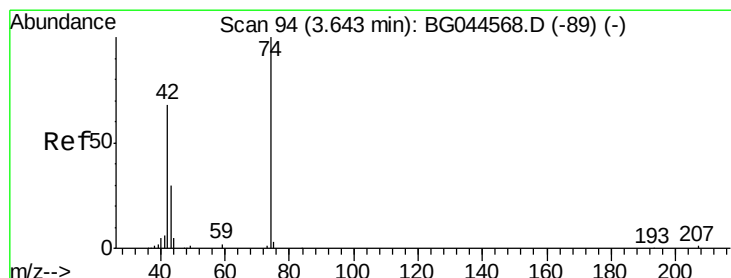
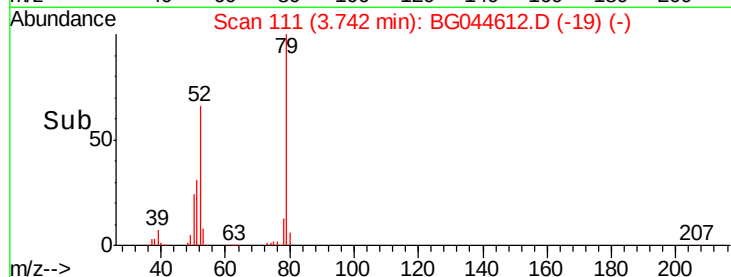
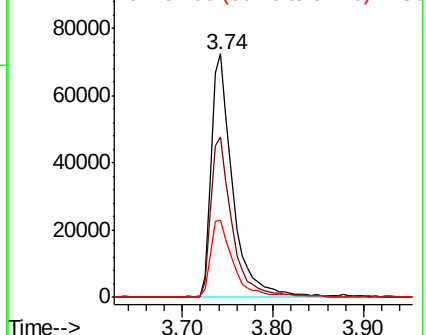
79 100

52 65.9 53.7 80.5

51 31.5 25.4 38.0



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



#4

n-Nitrosodimethylamine

Concen: 45.985 ng

RT: 3.64 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

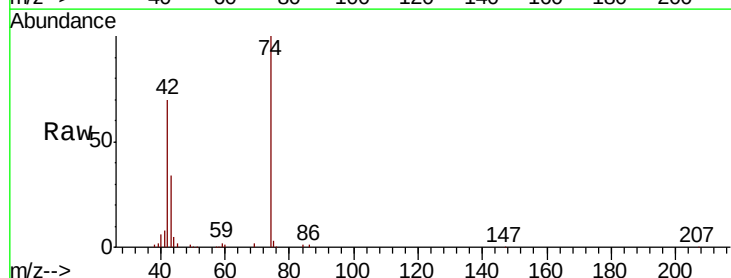
Tgt Ion: 42 Resp: 78550

Ion Ratio Lower Upper

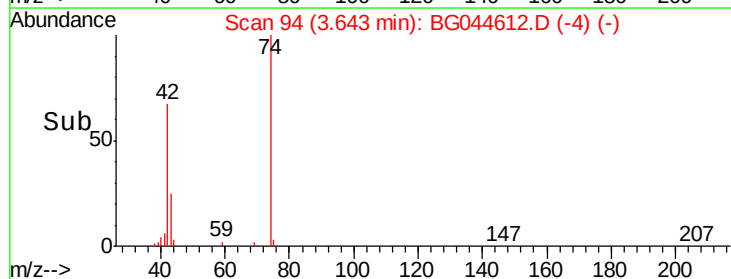
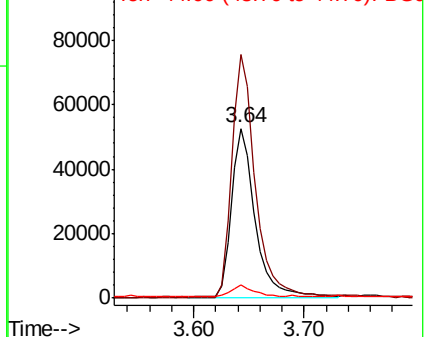
42 100

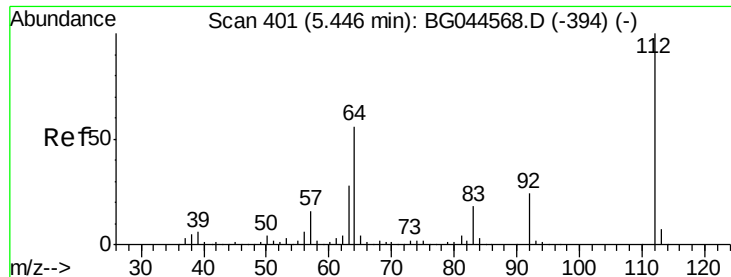
74 143.6 117.6 176.4

44 7.6 6.3 9.5



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





#5

2-Fluorophenol

Concen: 129.634 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

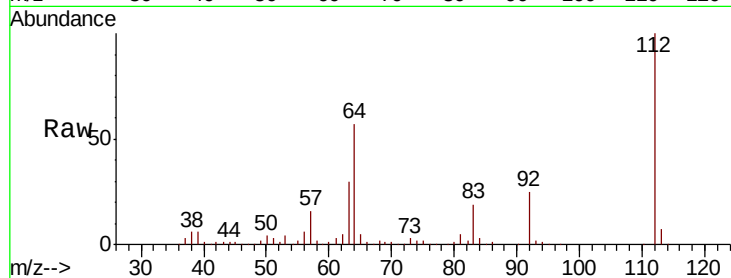
Tot Ion:112 Resp: 478836

Ion Ratio Lower Upper

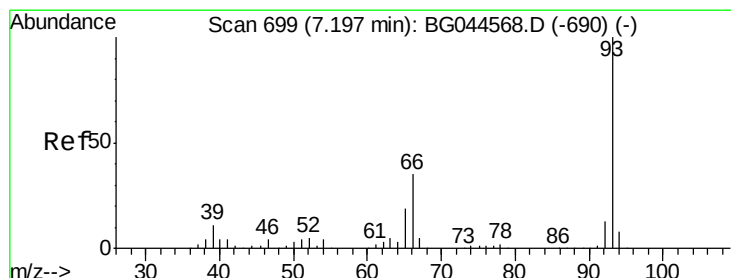
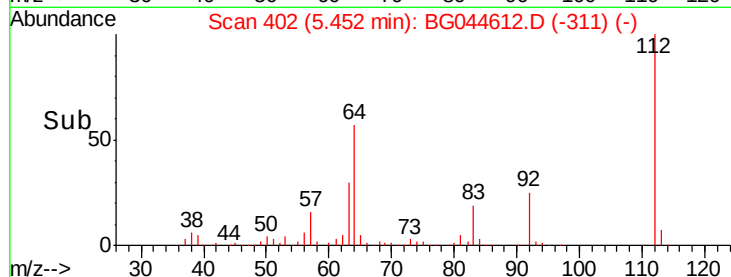
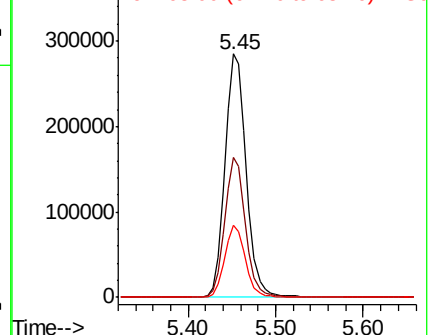
112 100

64 57.3 44.8 67.2

63 29.6 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: 23.341 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

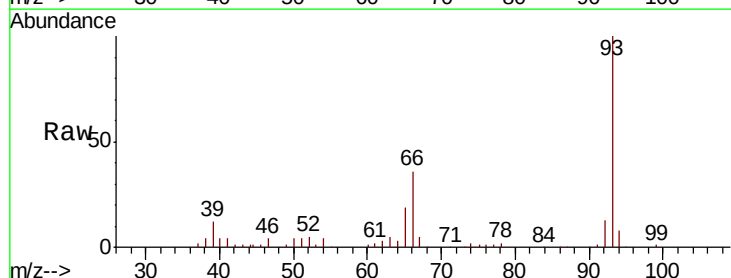
Tgt Ion: 93 Resp: 143681

Ion Ratio Lower Upper

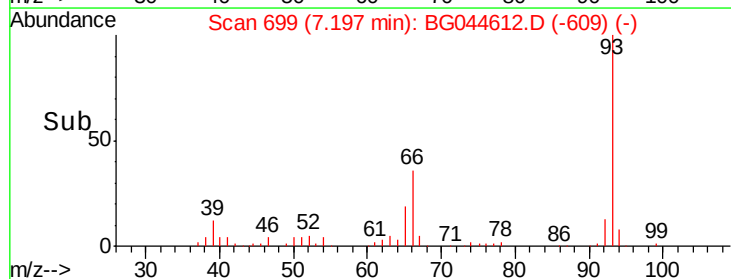
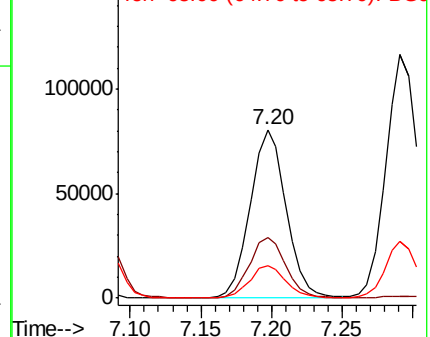
93 100

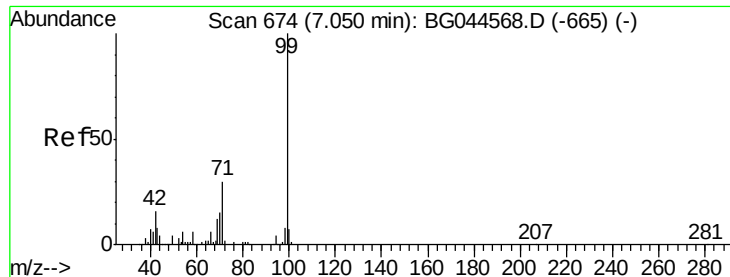
66 36.2 27.8 41.8

65 19.1 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: 115.151 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

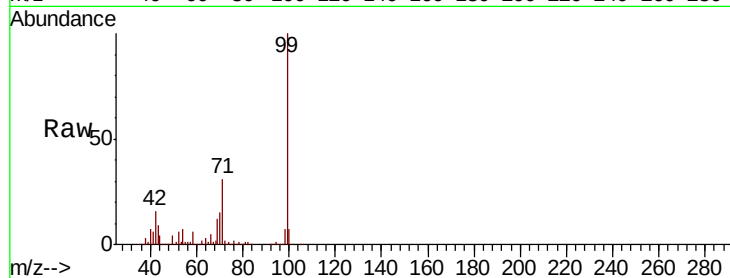
Tot Ion: 99 Resp: 582208

Ion Ratio Lower Upper

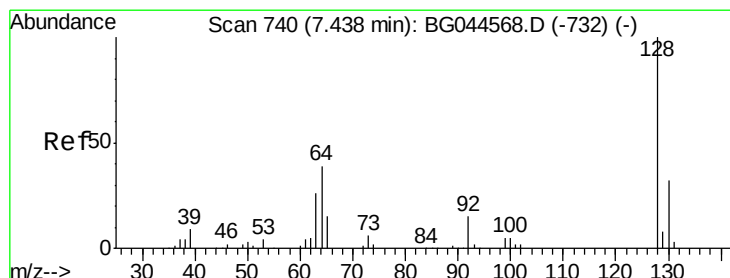
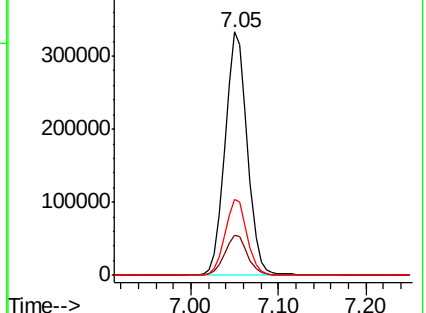
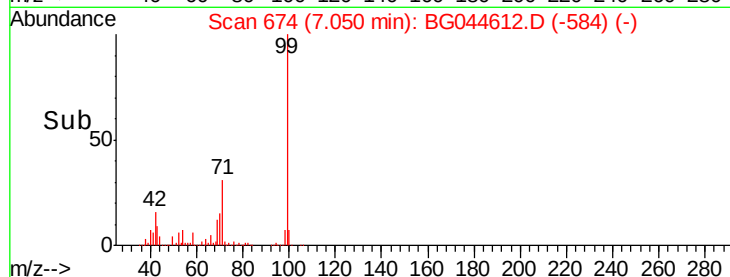
99 100

42 16.5 12.8 19.2

71 31.0 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: 49.870 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

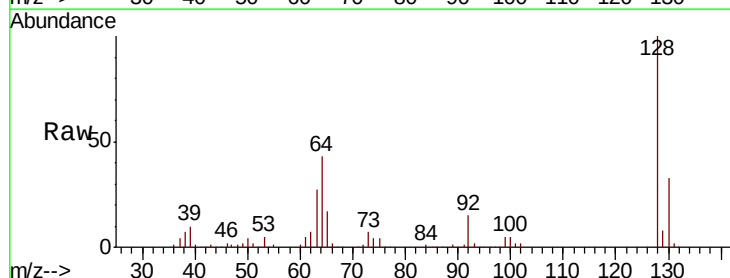
Tgt Ion: 128 Resp: 201082

Ion Ratio Lower Upper

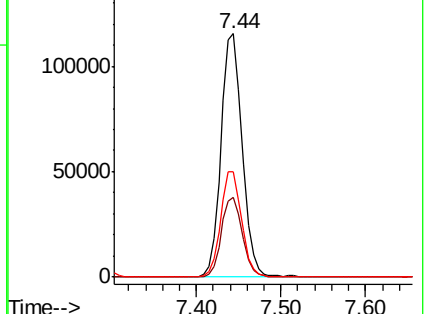
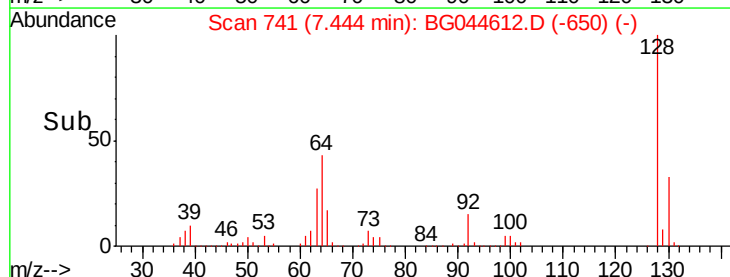
128 100

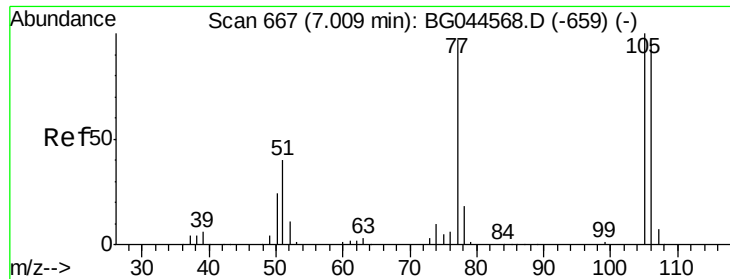
130 32.8 12.3 52.3

64 43.5 22.5 62.5



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





#9

Benzaldehyde

Concen: 24.346 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

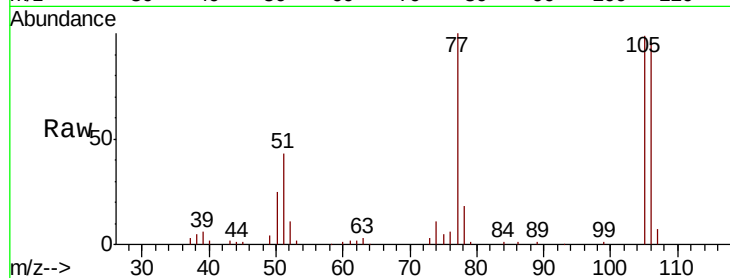
Tot Ion: 77 Resp: 72383

Ion Ratio Lower Upper

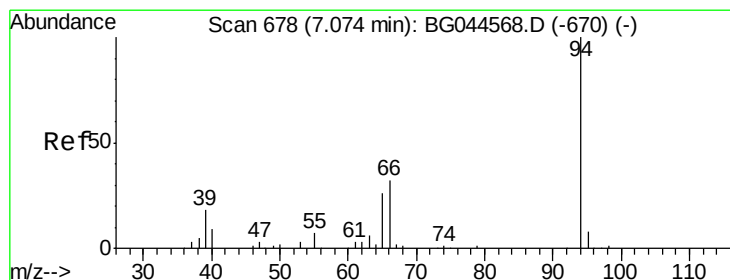
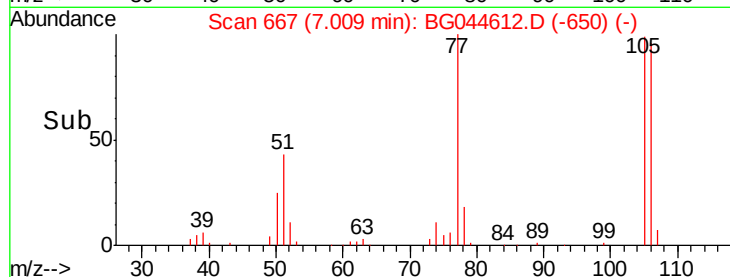
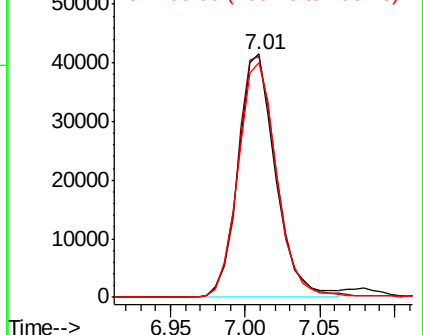
77 100

105 99.1 83.6 123.6

106 96.4 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: 44.126 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

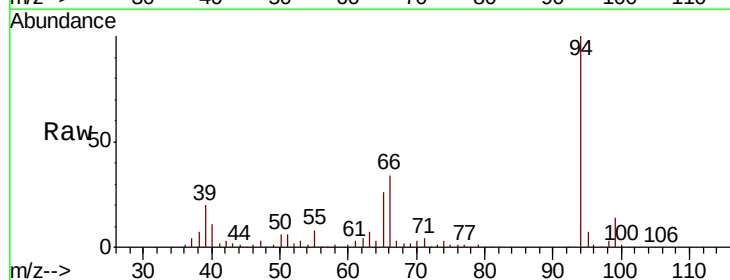
Tgt Ion: 94 Resp: 216202

Ion Ratio Lower Upper

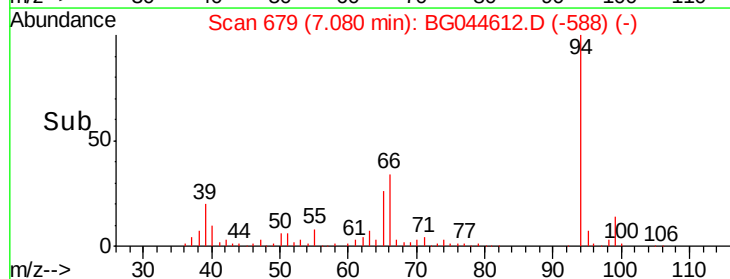
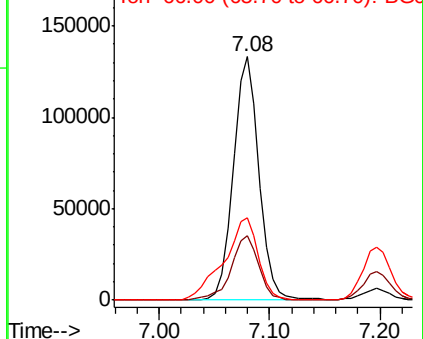
94 100

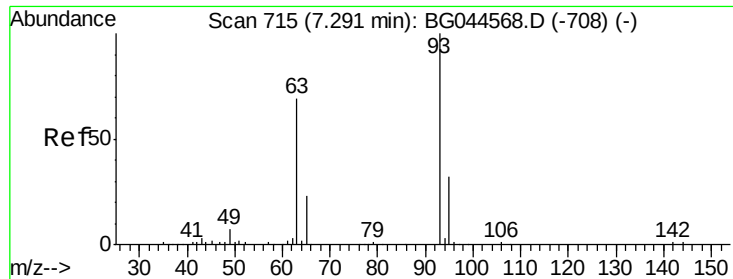
65 26.5 6.4 46.4

66 33.7 13.9 53.9



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

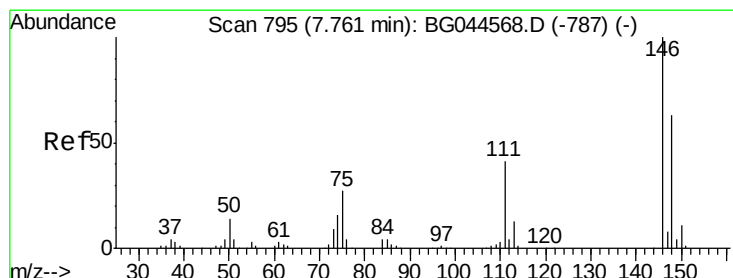
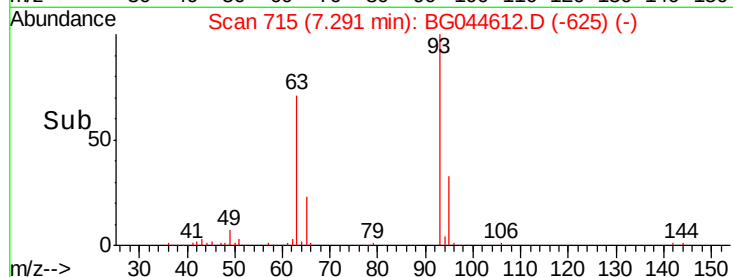
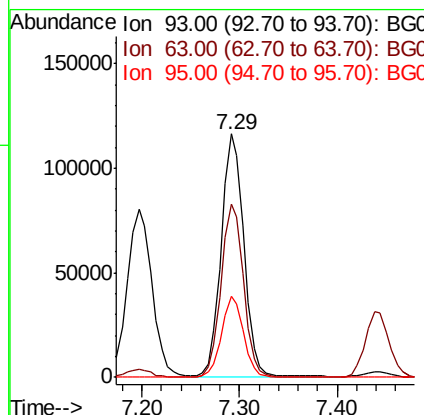
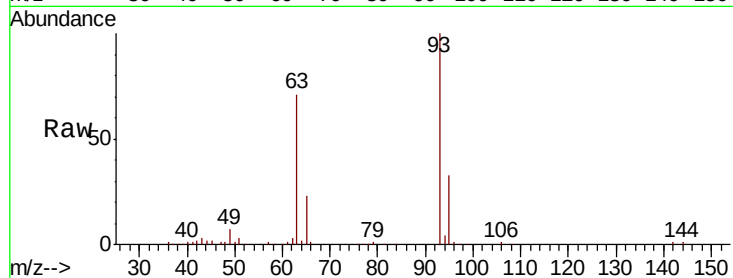




#11
bis(2-Chloroethyl)ether
Concen: 45.582 ng
RT: 7.29 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

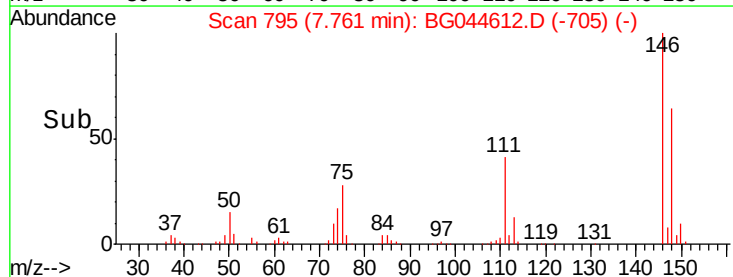
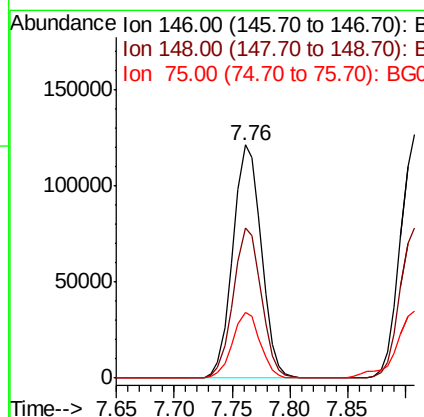
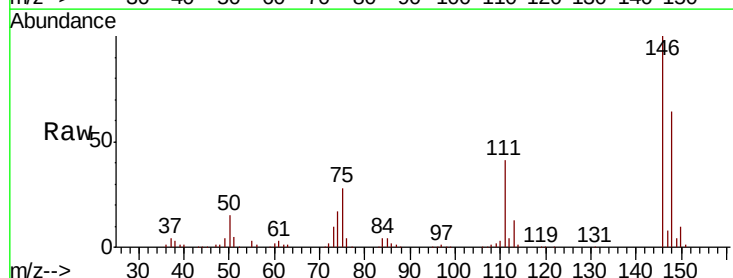
Instrument :
BNA_G
ClientSampled :

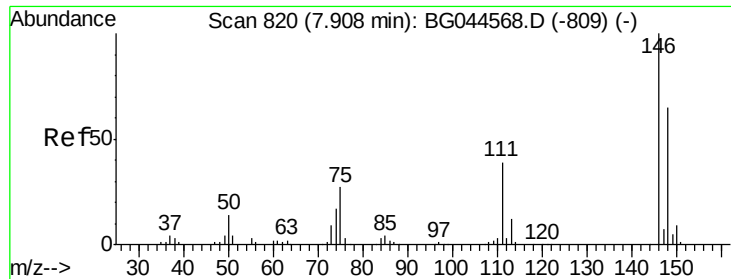
Tot Ion	93	Resp	187754
Ion	Ratio	Lower	Upper
93	100		
63	71.1	48.9	88.9
95	33.1	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 43.027 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	146	Resp	206926
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
75	28.2	21.4	32.0

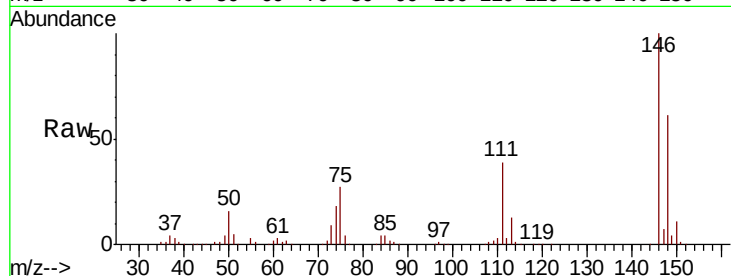




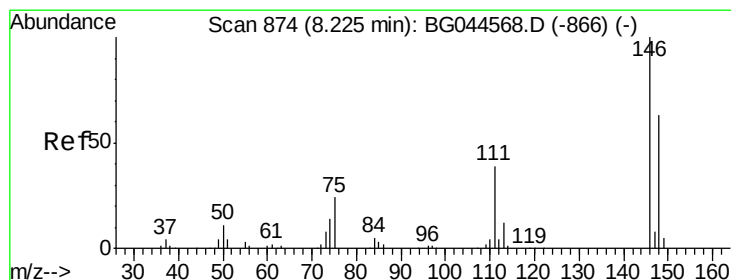
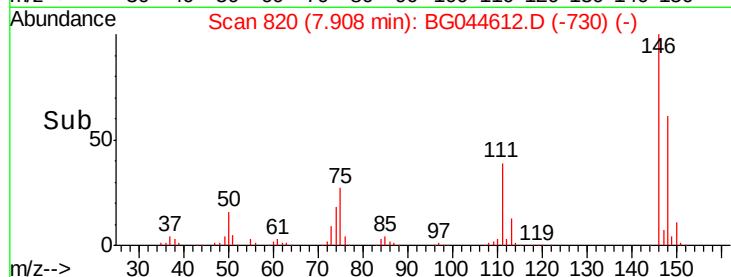
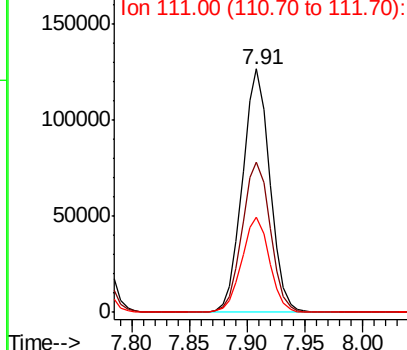
#13
 1,4-Dichlorobenzene
 Concen: 43.187 ng
 RT: 7.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 208730
 Ion Ratio Lower Upper
 146 100
 148 61.4 51.9 77.9
 111 39.0 30.8 46.2

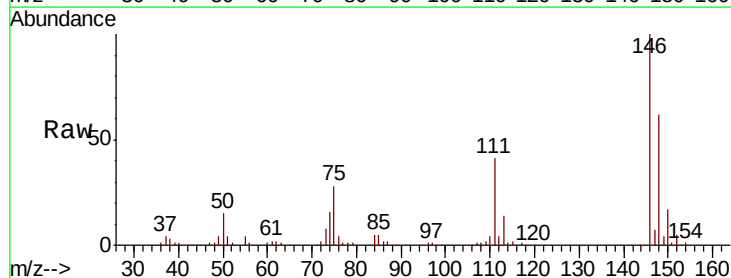


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

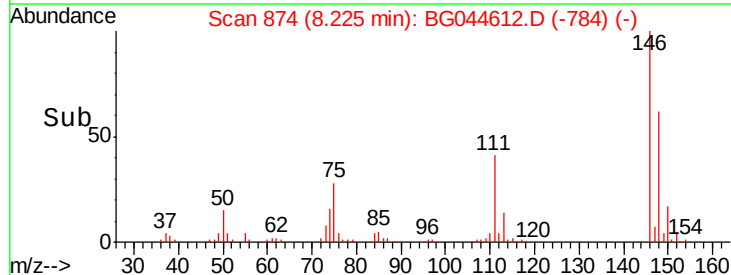
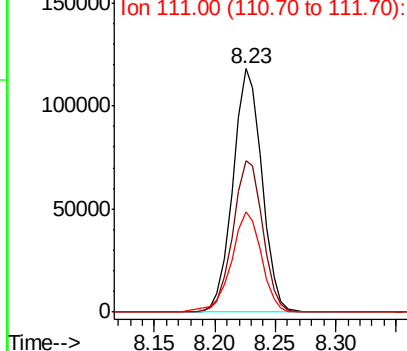


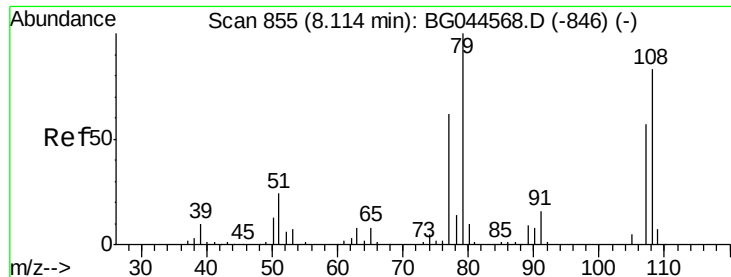
#14
 1,2-Dichlorobenzene
 Concen: 42.868 ng
 RT: 8.23 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion:146 Resp: 197034
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.7 76.1
 111 40.9 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: 48.474 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

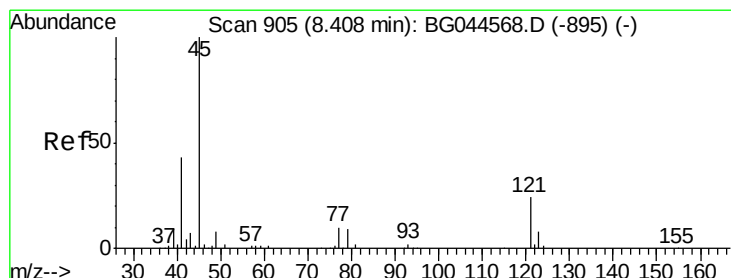
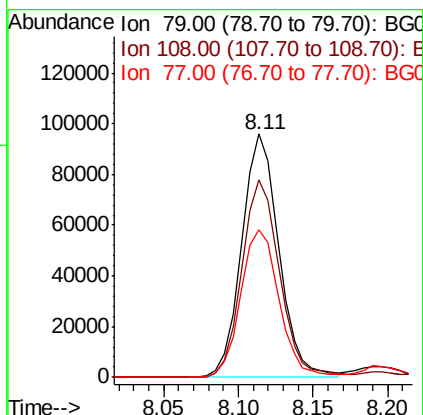
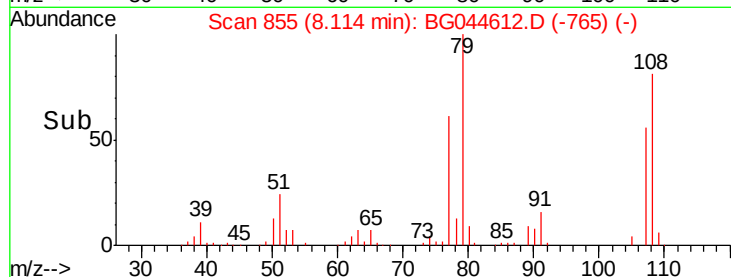
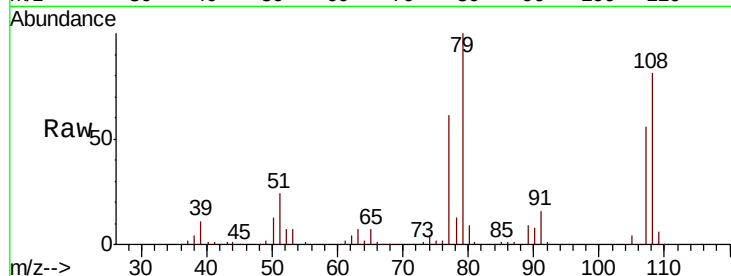
Tot Ion: 79 Resp: 165290

Ion Ratio Lower Upper

79 100

108 81.4 66.0 99.0

77 60.5 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.327 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

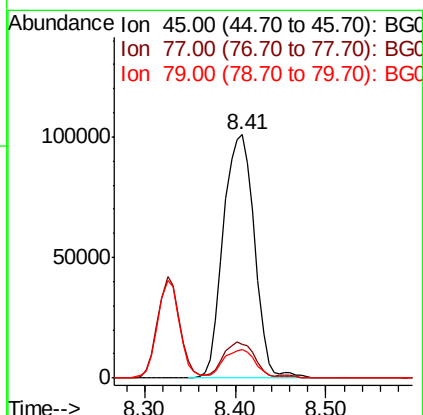
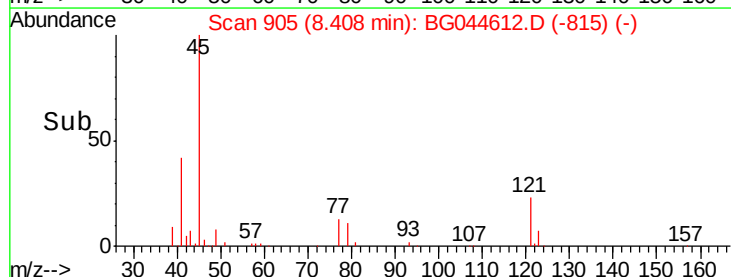
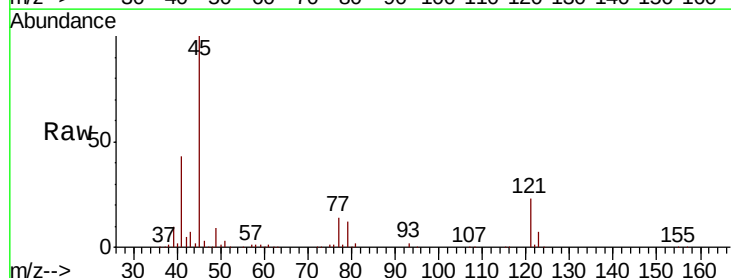
Tgt Ion: 45 Resp: 239845

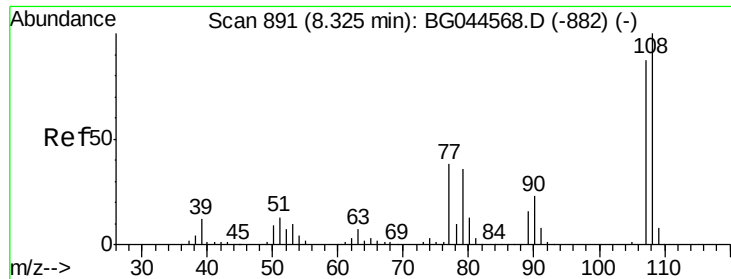
Ion Ratio Lower Upper

45 100

77 14.0 0.0 34.4

79 11.8 0.0 32.3

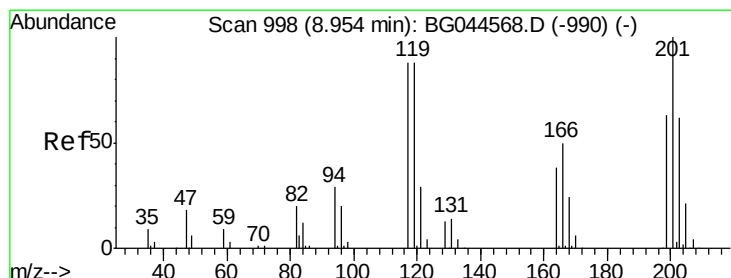
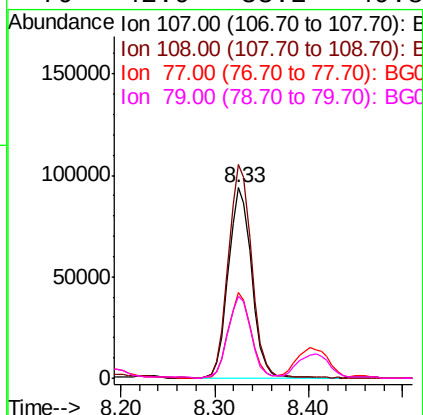
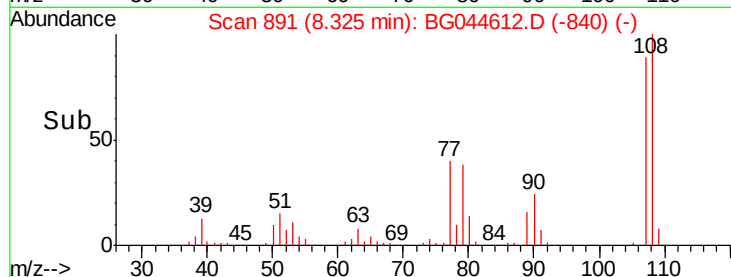
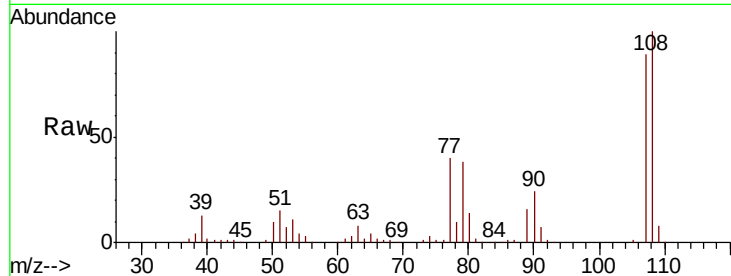




#17
2-Methylphenol
Concen: 46.628 ng
RT: 8.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

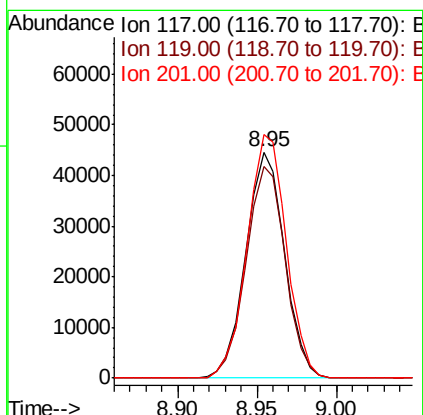
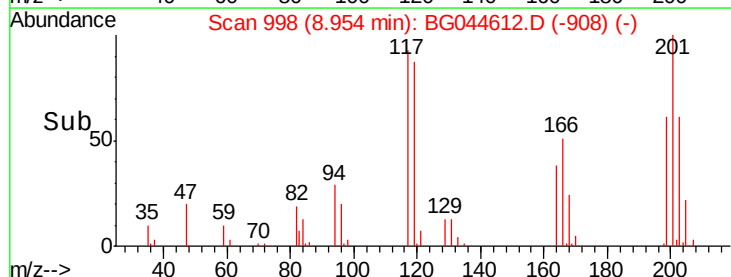
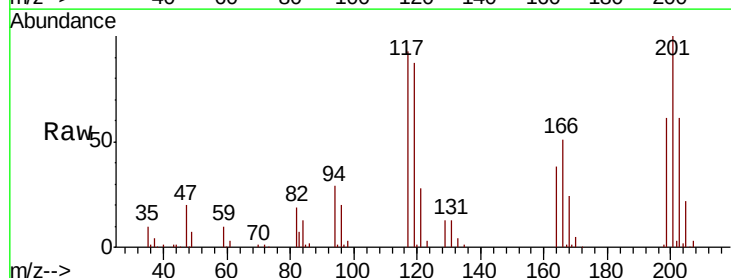
Instrument :
BNA_G
ClientSampleId :

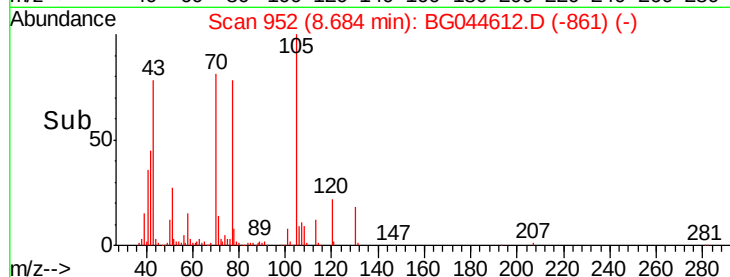
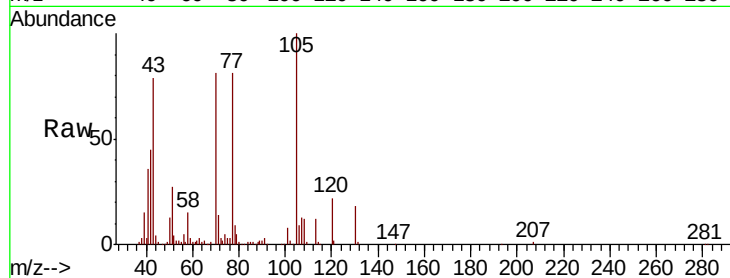
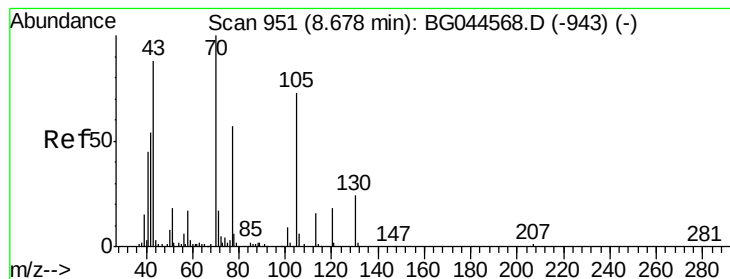
Tot Ion:	107	Resp:	163210
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	44.9	35.1	52.7
79	42.9	33.2	49.8



#18
Hexachloroethane
Concen: 42.949 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:	117	Resp:	75863
Ion	Ratio	Lower	Upper
117	100		
119	93.8	80.0	120.0
201	107.8	90.5	135.7





#19

n-Nitroso-di-n-propylamine

Concen: 45.066 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 146463

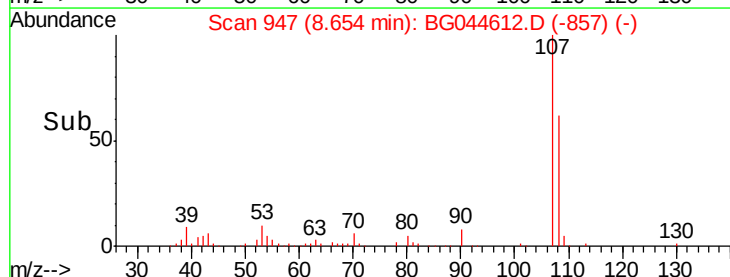
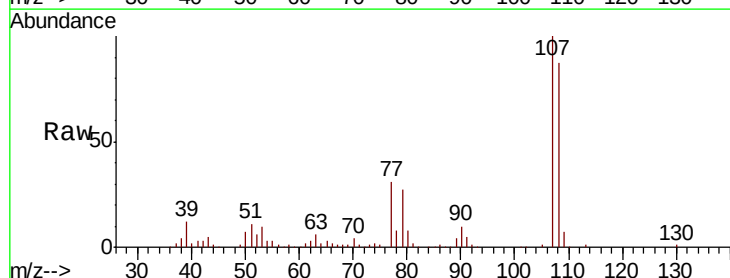
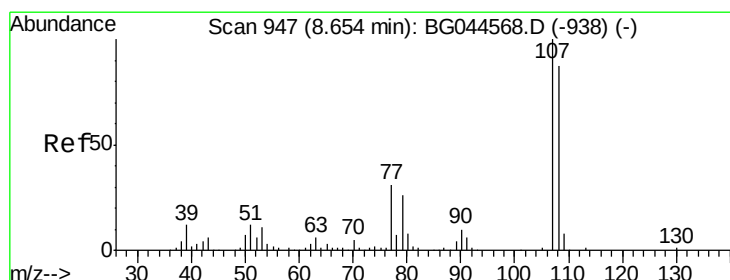
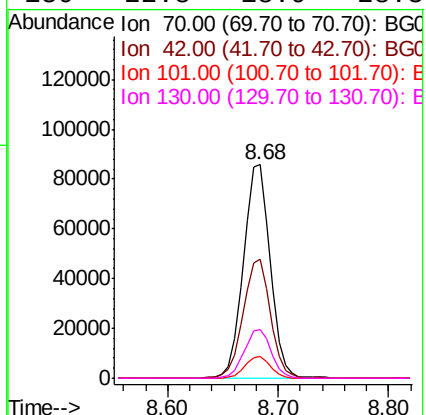
Ion Ratio Lower Upper

70 100

42 55.7 43.4 65.0

101 10.1 7.5 11.3

130 22.8 18.9 28.3



#20

3+4-Methylphenols

Concen: 46.232 ng

RT: 8.65 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:107 Resp: 221555

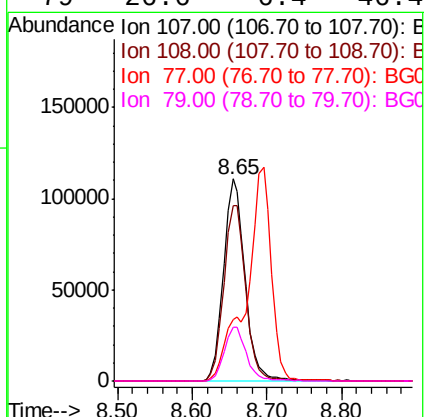
Ion Ratio Lower Upper

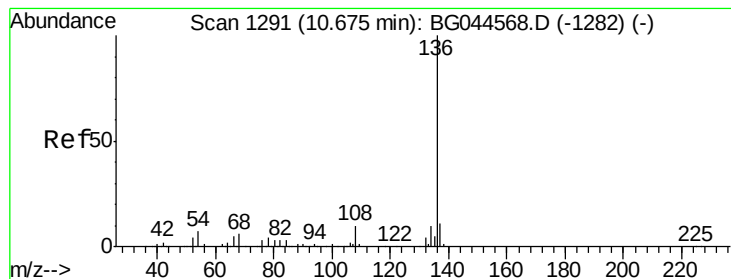
107 100

108 86.6 67.5 107.5

77 30.6 11.3 51.3

79 26.6 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: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 248804

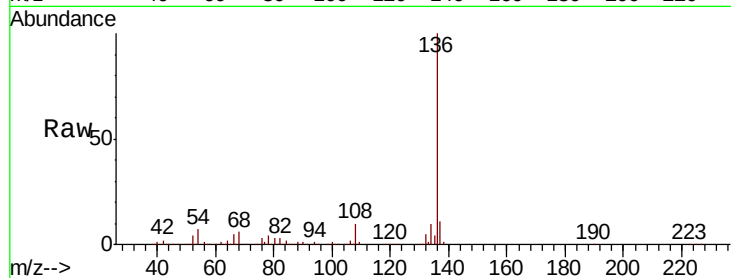
Ion Ratio Lower Upper

136 100

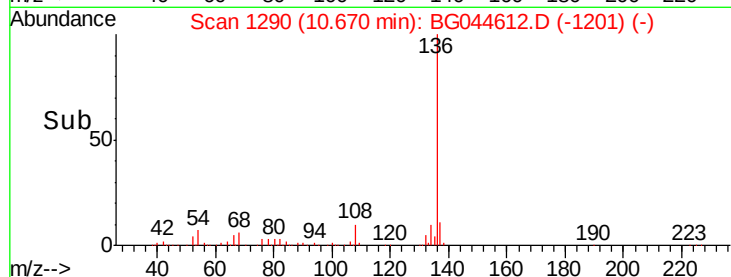
137 11.2 8.8 13.2

54 7.3 5.7 8.5

68 5.6 4.5 6.7



Abundance

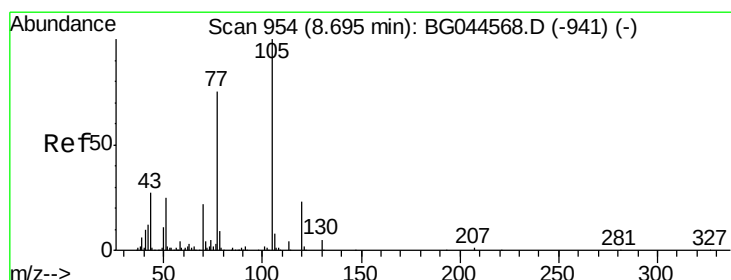
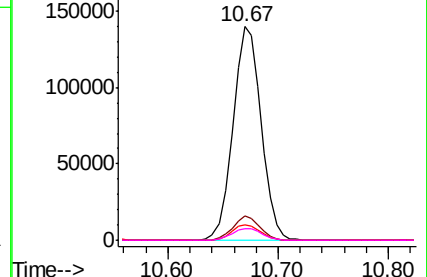


Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.415 ng

RT: 8.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:105 Resp: 277448

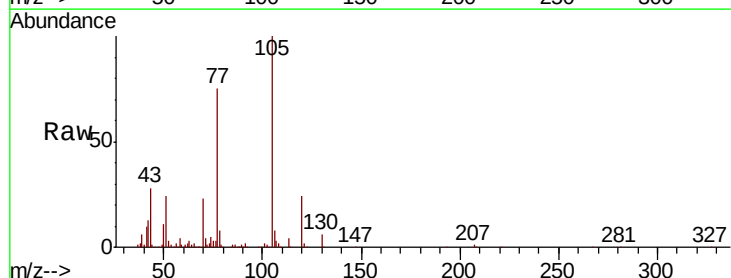
Ion Ratio Lower Upper

105 100

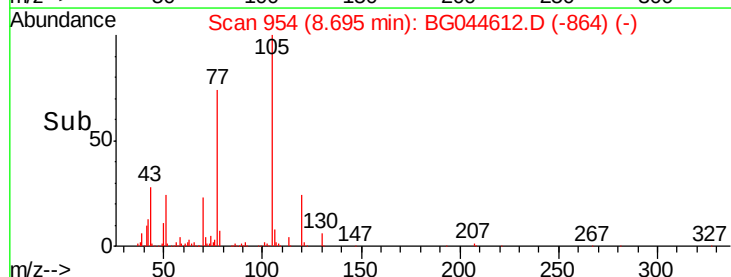
71 3.8 2.8 4.2

51 24.4 19.9 29.9

120 23.8 18.6 28.0



Abundance

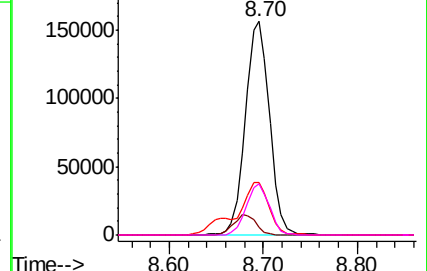


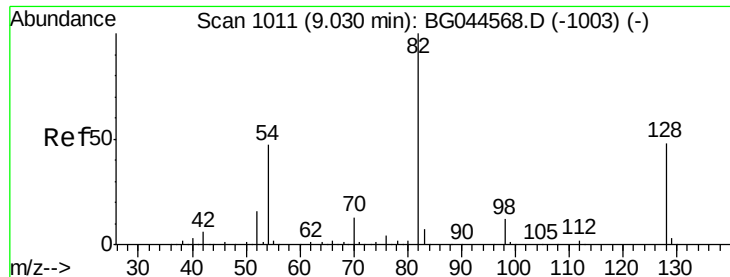
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

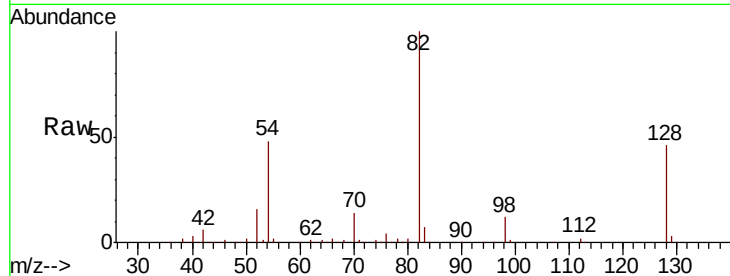




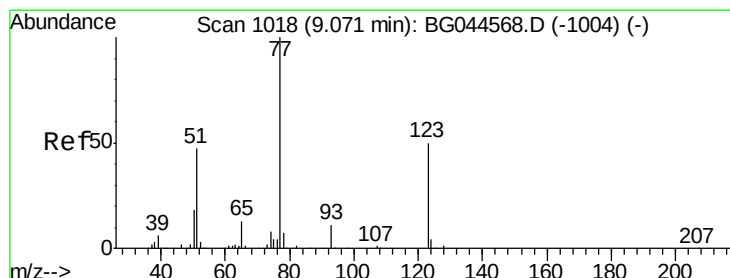
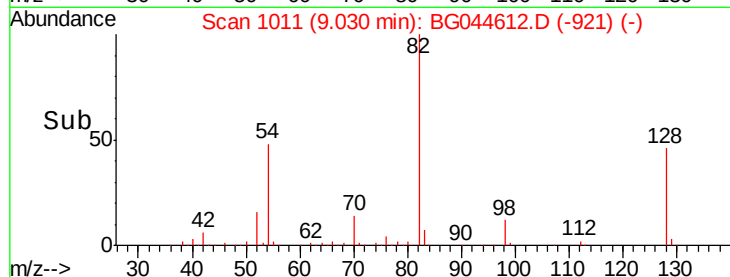
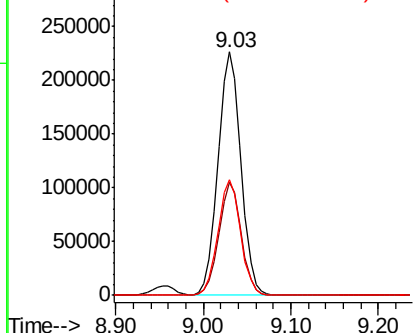
#23
 Nitrobenzene-d5
 Concen: 84.588 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.1	57.1
54	47.7	37.5	56.3

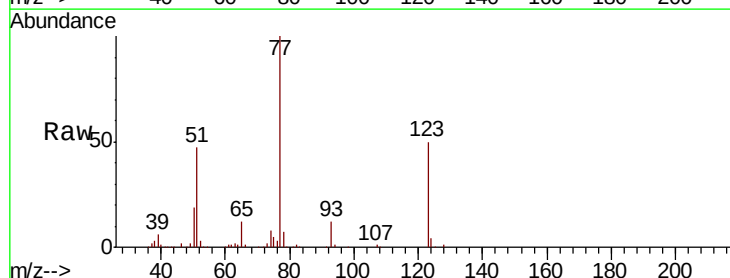


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

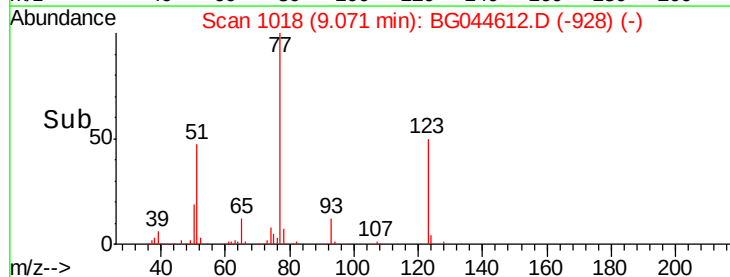
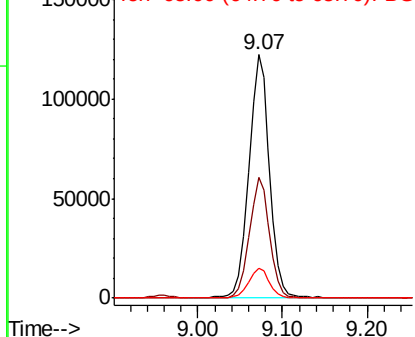


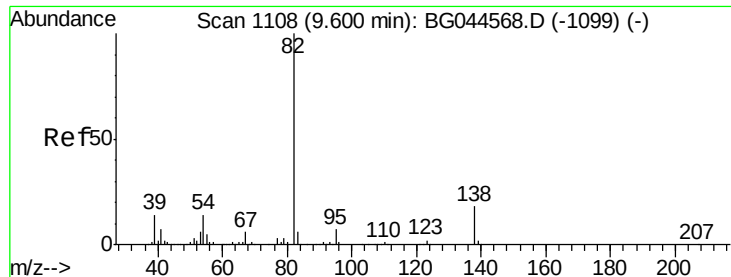
#24
 Nitrobenzene
 Concen: 44.402 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	40.1	60.1
65	12.5	10.4	15.6



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





#25

Isophorone

Concen: 45.160 ng

RT: 9.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

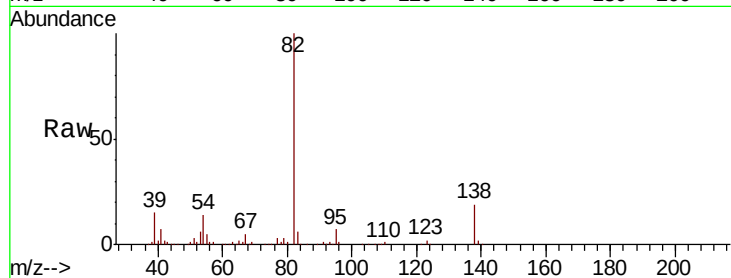
Tot Ion: 82 Resp: 408000

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

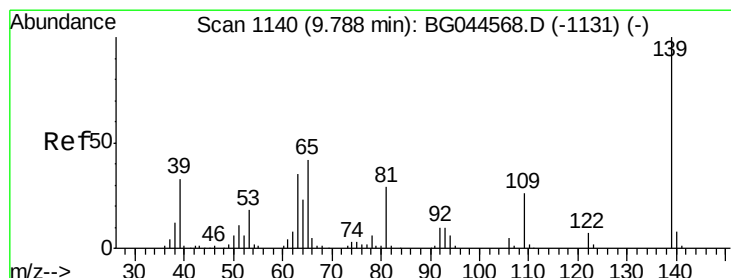
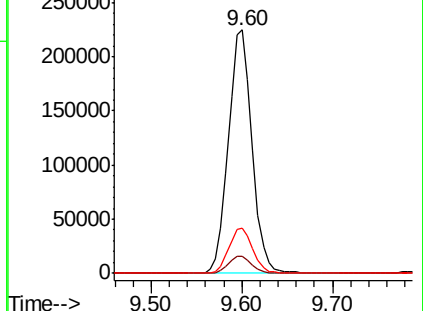
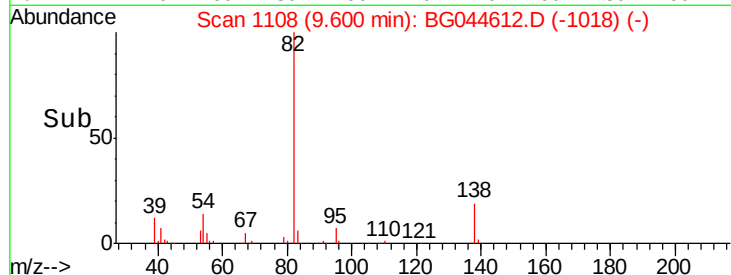
138 18.8 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044612.D (-1018) (-)

Ion 95.00 (94.70 to 95.70): BG044612.D (-1018) (-)

Ion 138.00 (137.70 to 138.70): BG044612.D (-1018) (-)



#26

2-Nitrophenol

Concen: 44.504 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

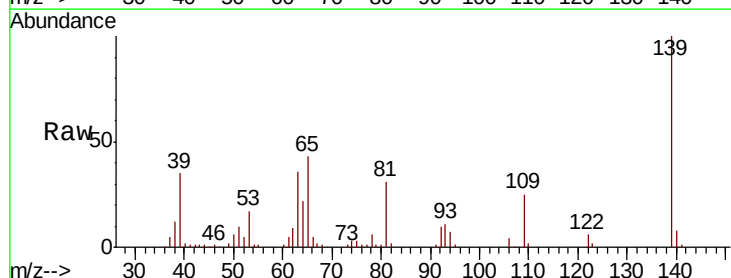
Tgt Ion: 139 Resp: 112926

Ion Ratio Lower Upper

139 100

109 25.5 20.6 31.0

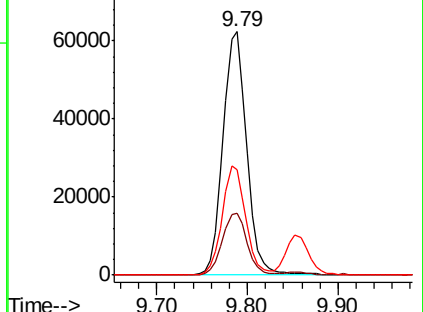
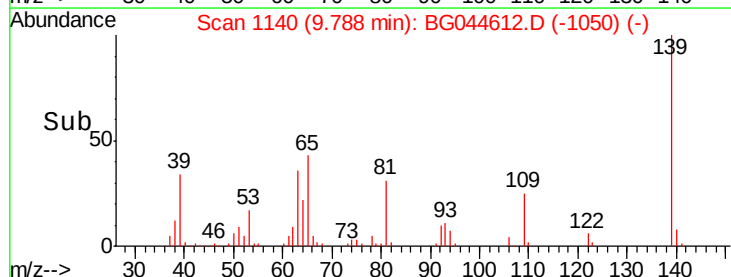
65 43.4 33.3 49.9

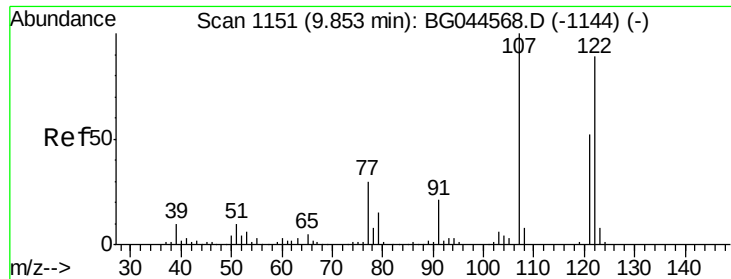


Abundance Ion 139.00 (138.70 to 139.70): BG044612.D (-1050) (-)

Ion 109.00 (108.70 to 109.70): BG044612.D (-1050) (-)

Ion 65.00 (64.70 to 65.70): BG044612.D (-1050) (-)

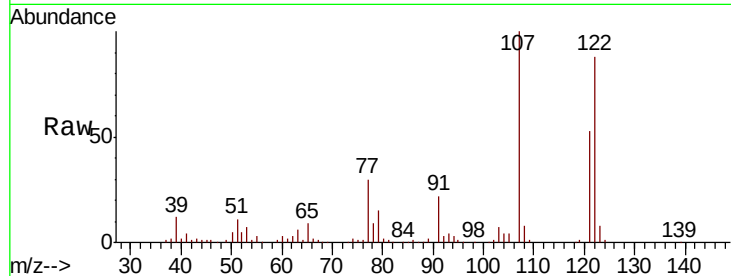




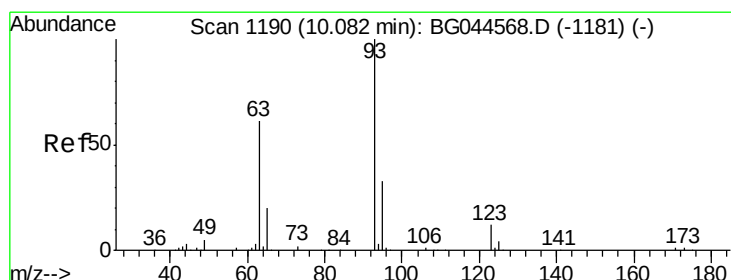
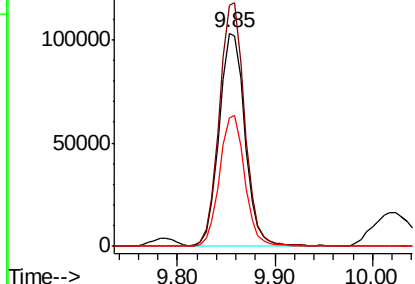
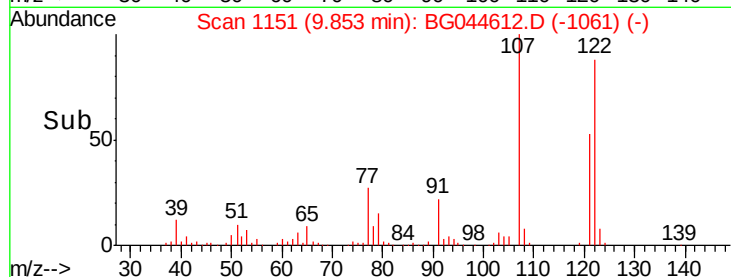
#27
2,4-Dimethylphenol
Concen: 52.759 ng
RT: 9.85 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 187970
Ion Ratio Lower Upper
122 100
107 113.1 89.4 134.0
121 60.4 46.5 69.7

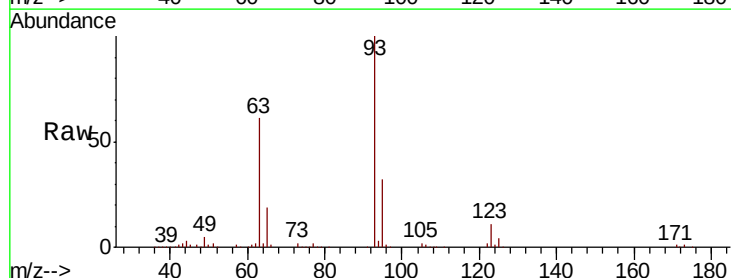


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

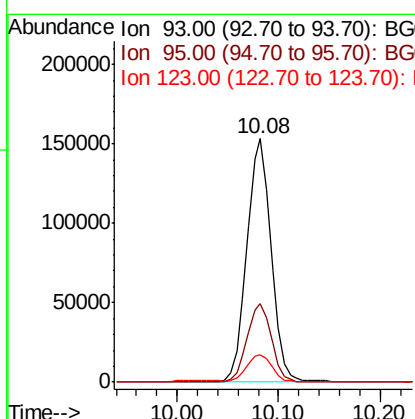
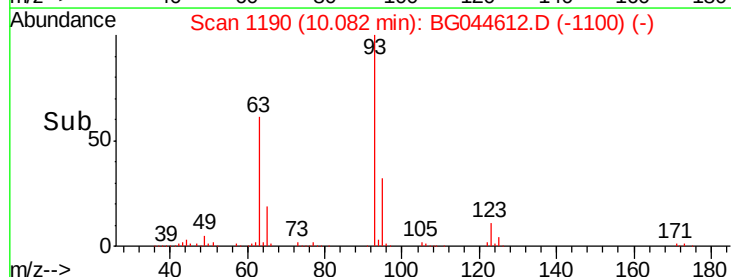


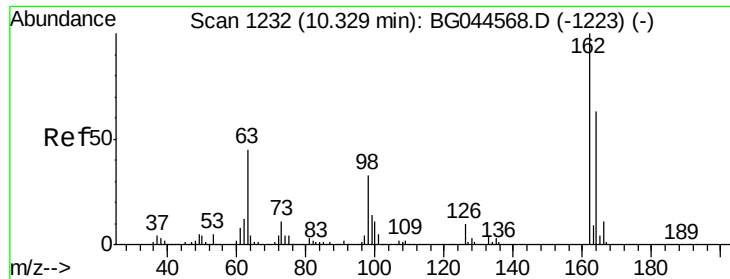
#28
bis(2-Chloroethoxy)methane
Concen: 42.522 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion: 93 Resp: 254048
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.3 9.7 14.5



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

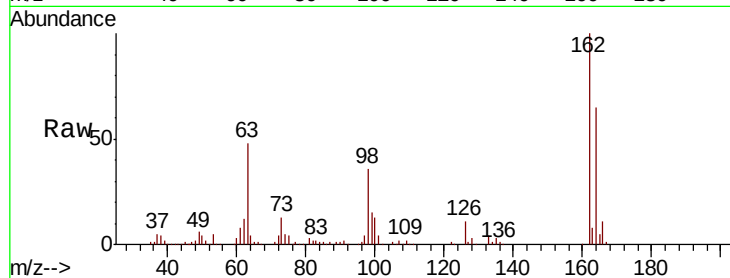




#29
 2,4-Dichlorophenol
 Concen: 46.741 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	199096
Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.2	83.2
98	35.5	13.2	53.2

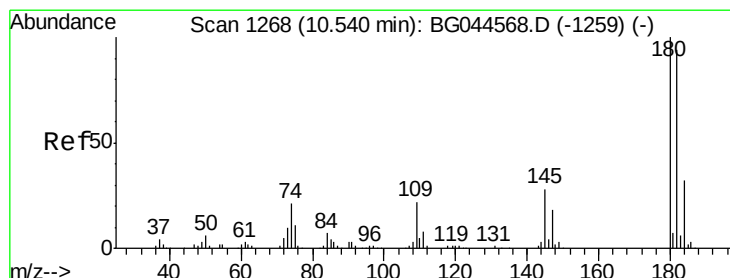
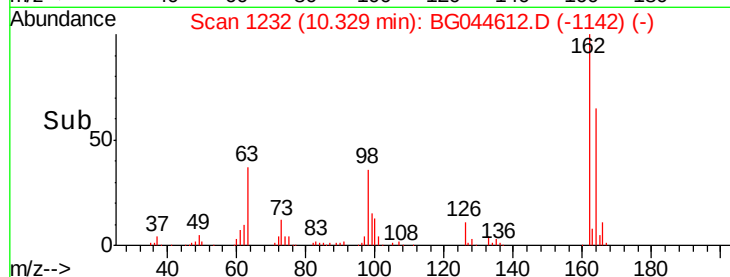
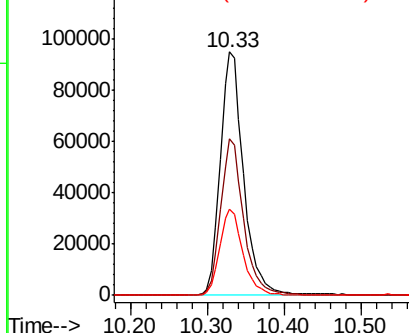


Abundance

Ion 162.00 (161.70 to 162.70): E

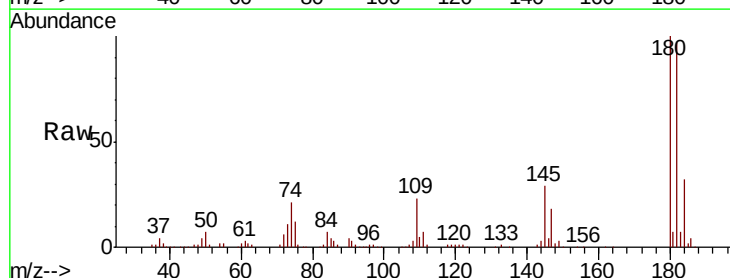
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.064 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	180	Resp	202287
Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.6	113.4
145	28.6	22.2	33.2

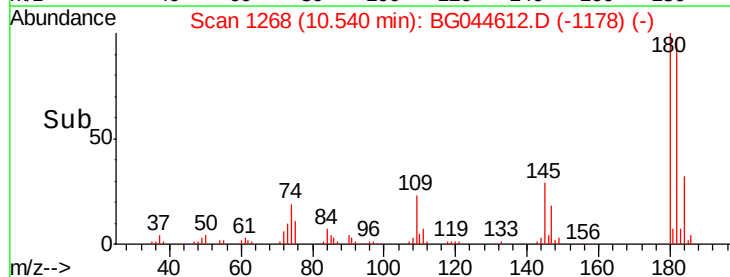
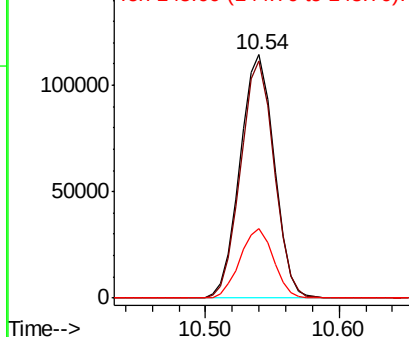


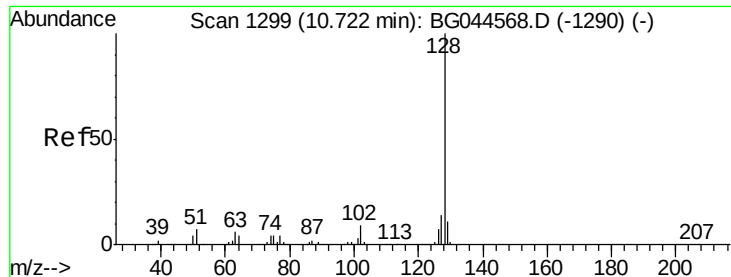
Abundance

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

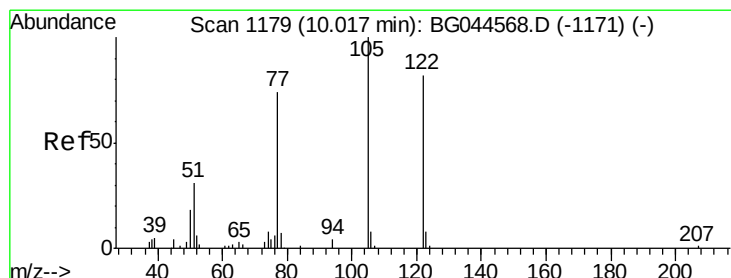
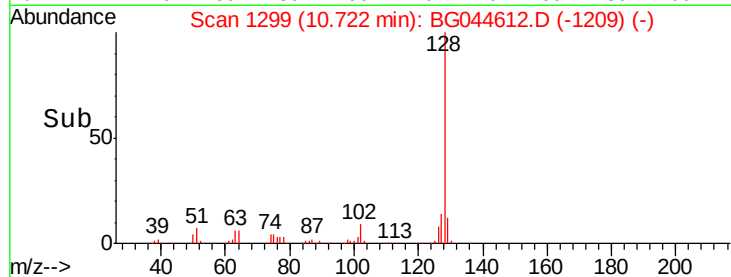
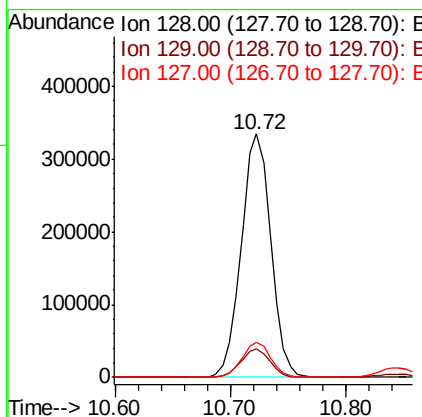
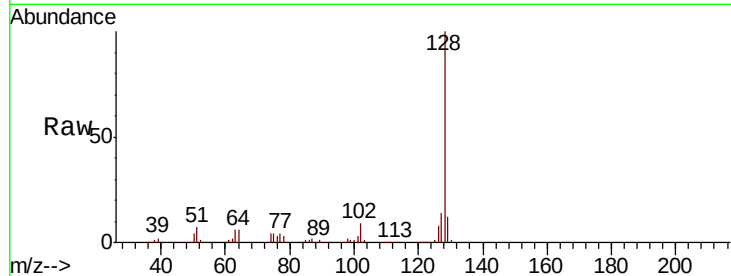




#31
Naphthalene
Concen: 43.752 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

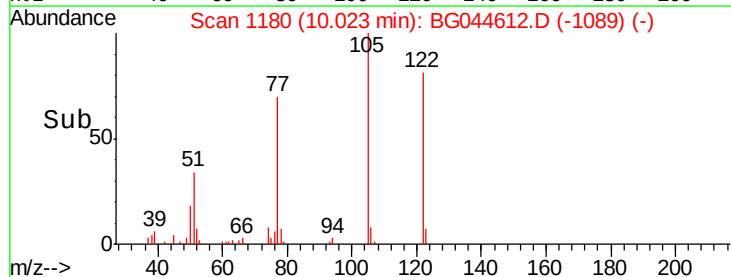
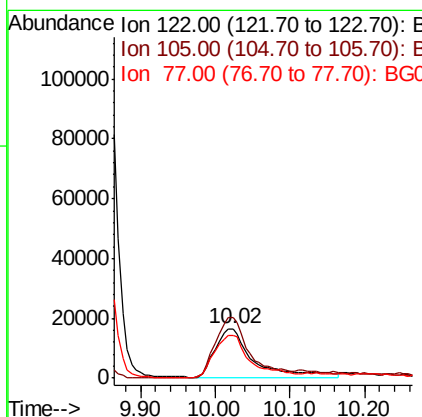
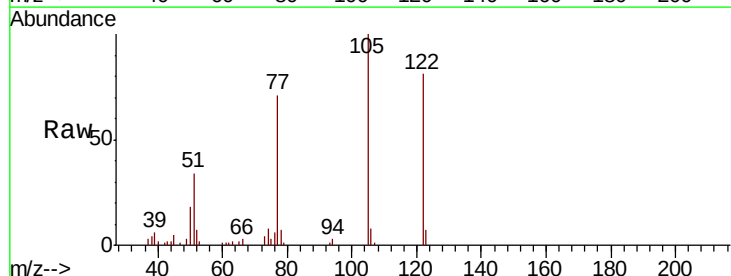
Instrument :
BNA_G
ClientSampleId :

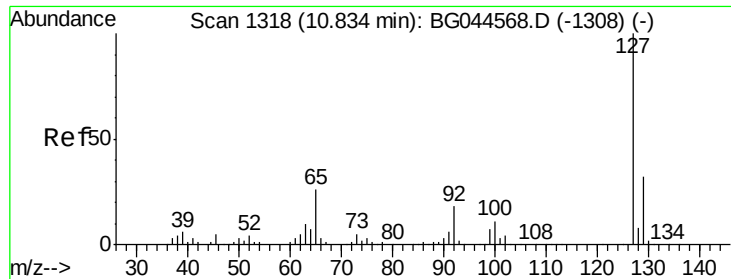
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.1	11.0	16.4



#32
Benzoic acid
Concen: 45.831 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	101.4	141.4
77	87.9	69.8	109.8

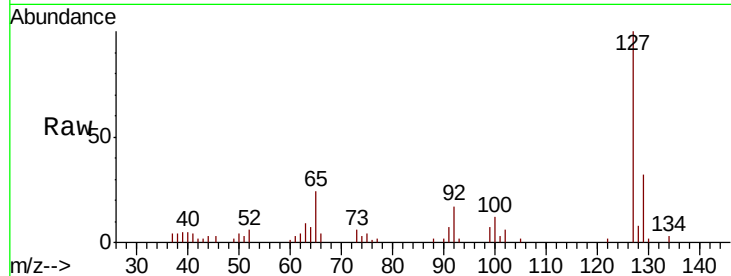




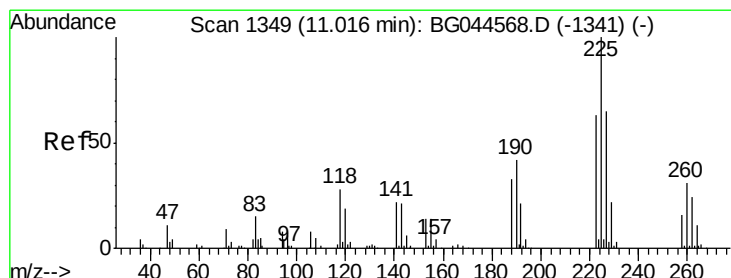
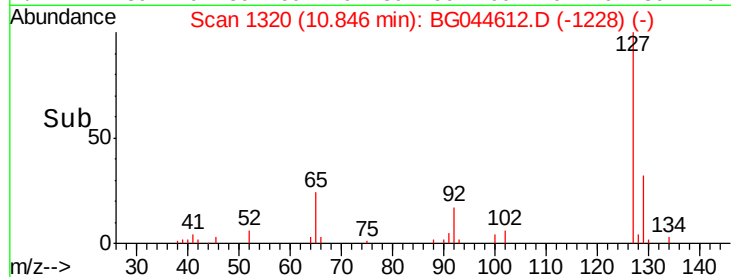
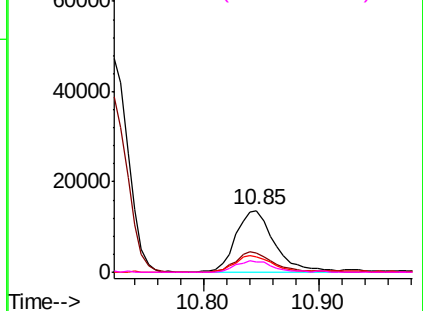
#33
4-Chloroaniline
Concen: 5.329 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	31866
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	24.2	20.7	31.1
92	16.8	14.2	21.2

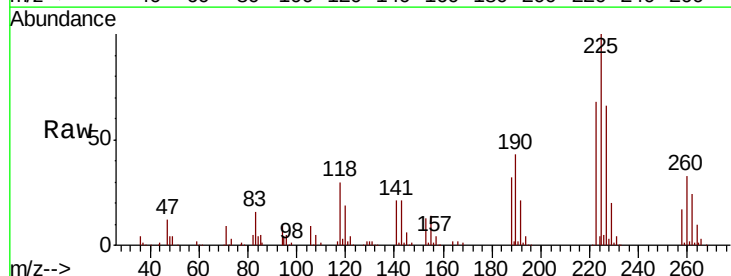


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

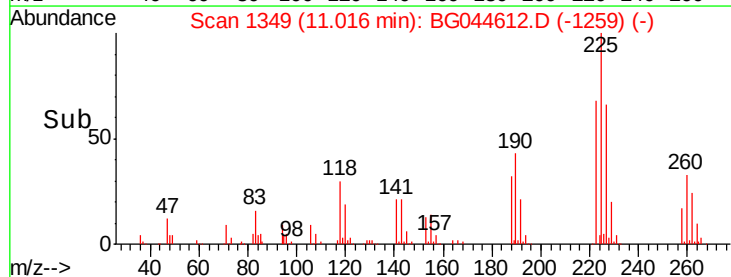
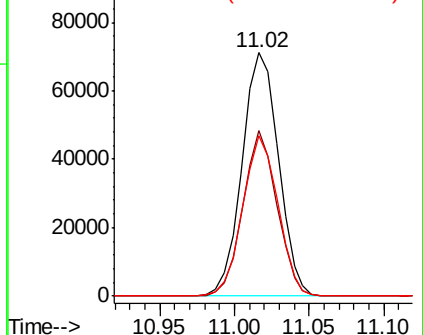


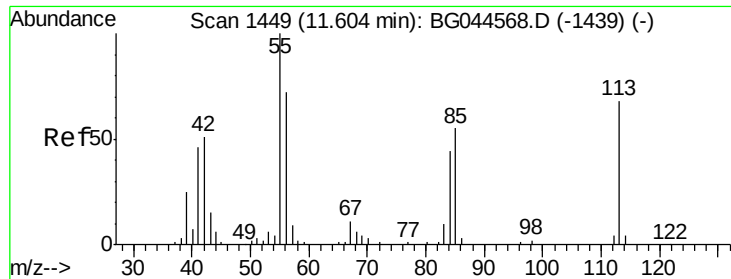
#34
Hexachlorobutadiene
Concen: 38.824 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:	225	Resp:	120107
Ion	Ratio	Lower	Upper
225	100		
223	67.8	50.6	76.0
227	65.9	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

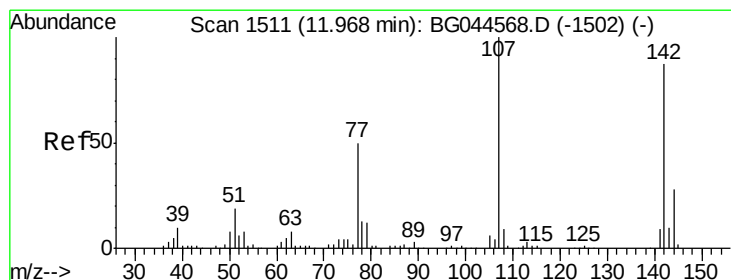
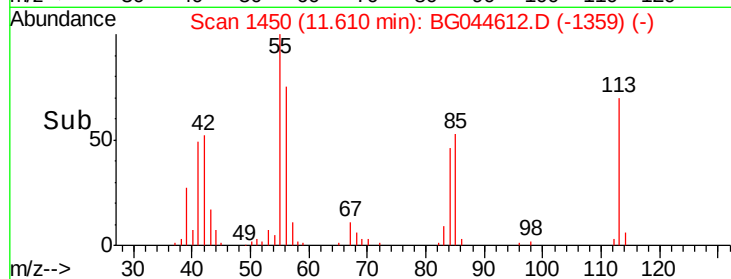
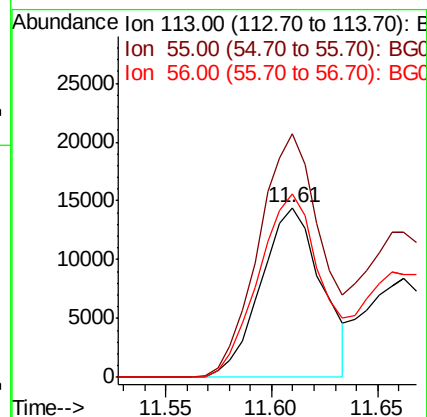
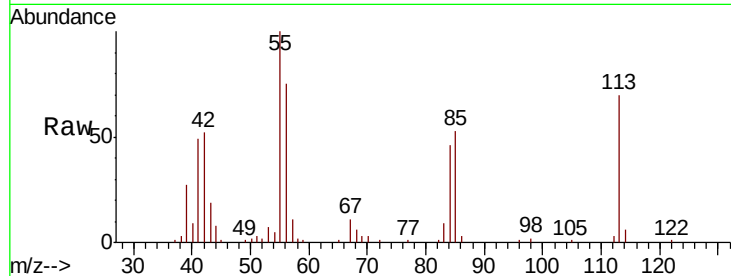




#35
 Caprolactam
 Concen: 18.871 ng
 RT: 11.61 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

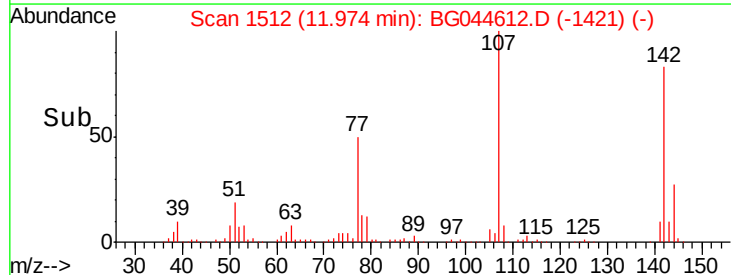
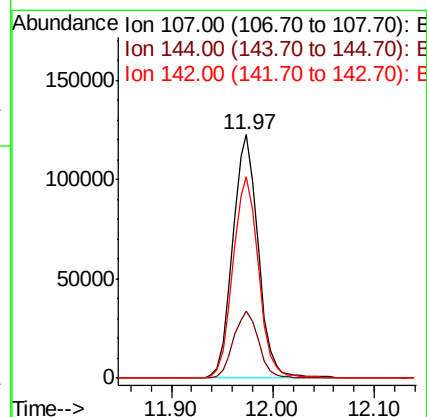
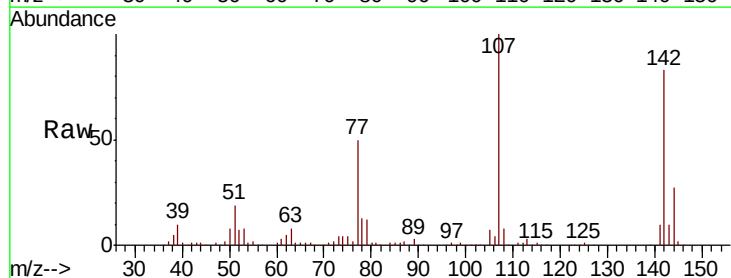
Instrument :
 BNA_G
 ClientSampleId :

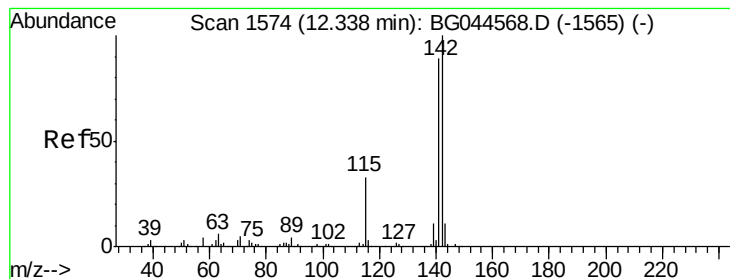
Tot Ion:113 Resp: 28775
 Ion Ratio Lower Upper
 113 100
 55 143.5 127.8 167.8
 56 107.9 86.9 126.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.768 ng
 RT: 11.97 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion:107 Resp: 213825
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.3 33.5
 142 82.6 69.3 103.9





#37

2-Methylnaphthalene

Concen: 43.916 ng

RT: 12.33 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

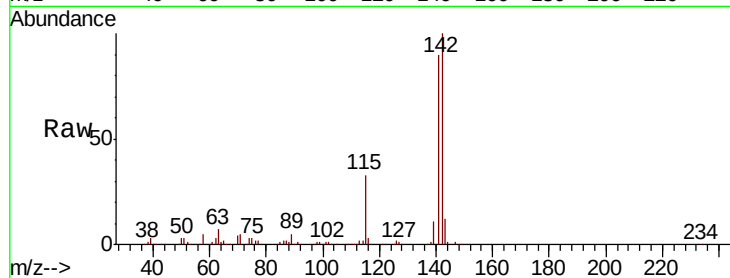
Tot Ion:142 Resp: 440639

Ion Ratio Lower Upper

142 100

141 90.3 71.3 106.9

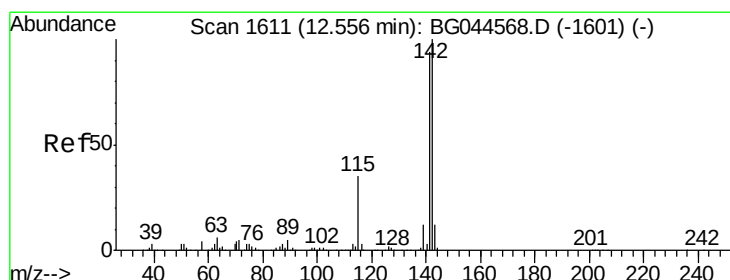
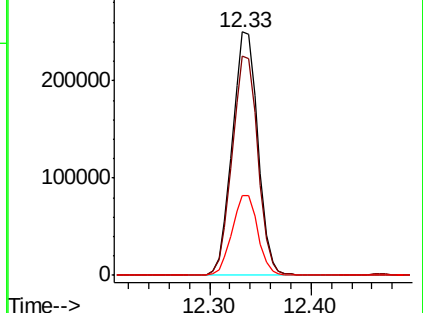
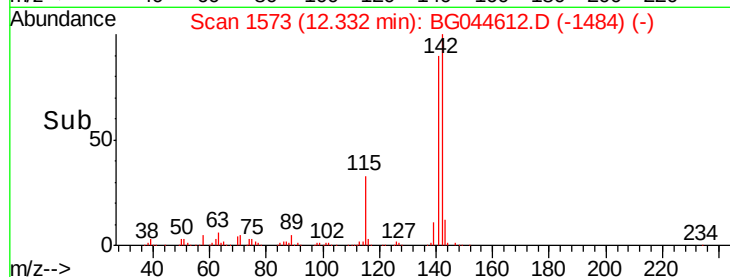
115 33.0 26.2 39.2



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: 44.172 ng

RT: 12.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

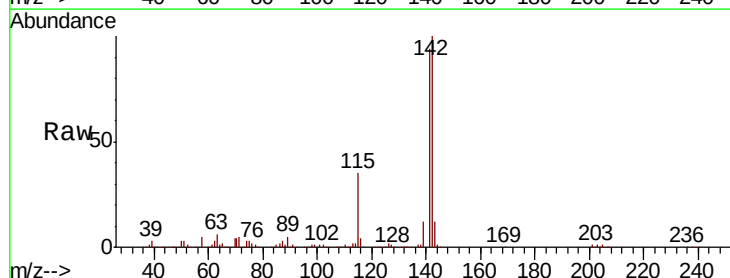
Tgt Ion:142 Resp: 421133

Ion Ratio Lower Upper

142 100

141 94.1 75.1 112.7

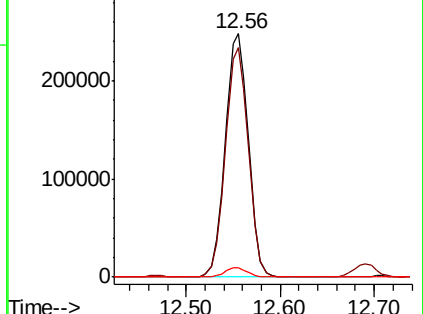
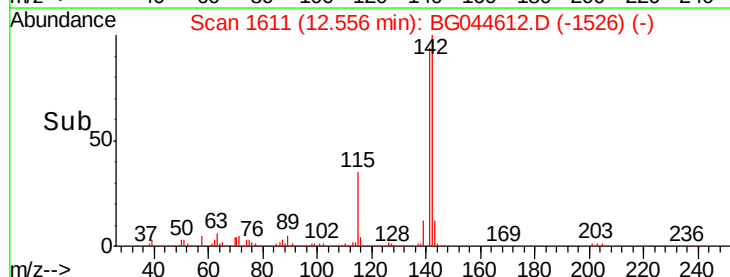
116 3.8 2.6 4.0

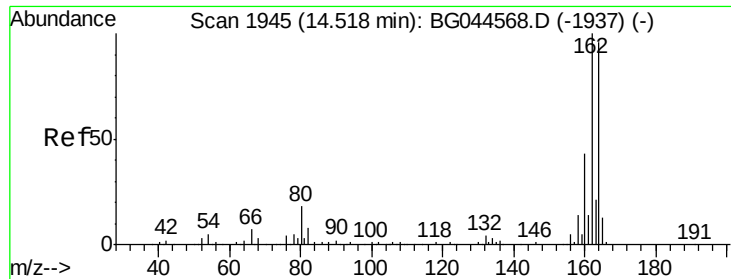


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

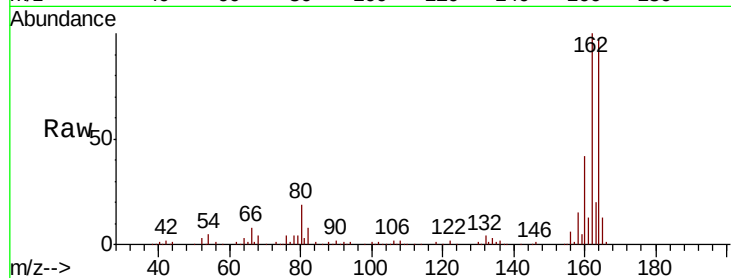
Tot Ion:164 Resp: 167264

Ion Ratio Lower Upper

164 100

162 103.4 83.6 125.4

160 43.6 36.2 54.4

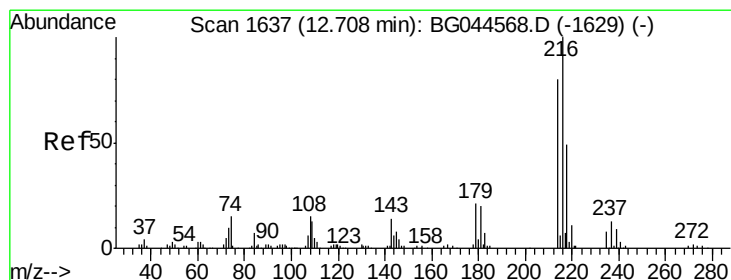
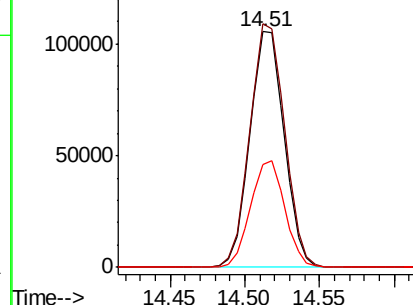
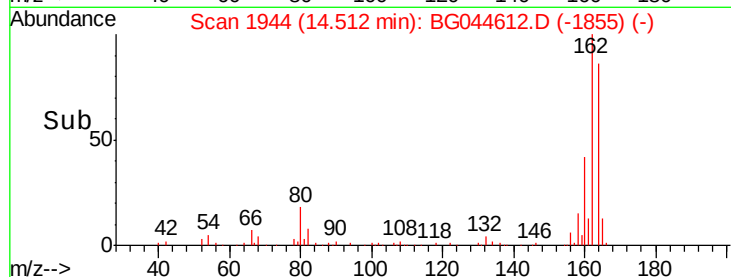


Abundance

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: 39.789 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:216 Resp: 224048

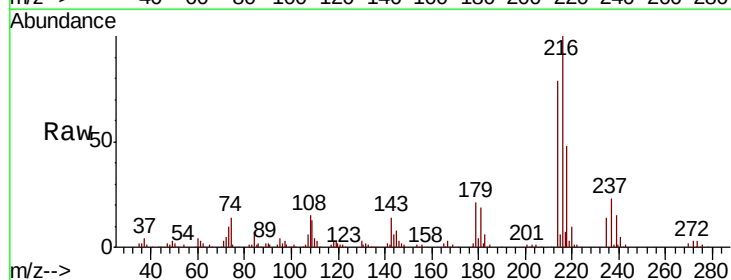
Ion Ratio Lower Upper

216 100

214 79.3 63.3 94.9

179 20.5 16.2 24.2

108 17.6 12.6 18.8



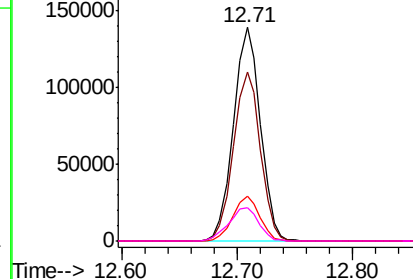
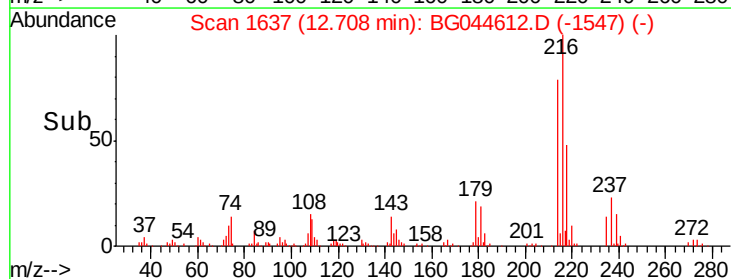
Abundance

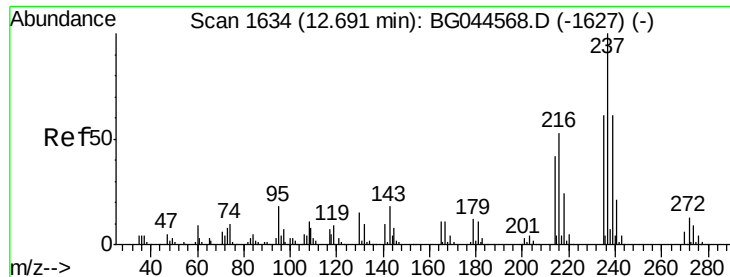
Ion 216.00 (215.70 to 216.70): E

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: 74.044 ng

RT: 12.69 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

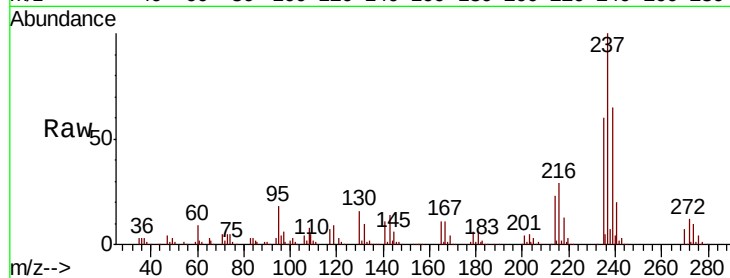
Tot Ion:237 Resp: 196800

Ion Ratio Lower Upper

237 100

235 60.4 40.7 80.7

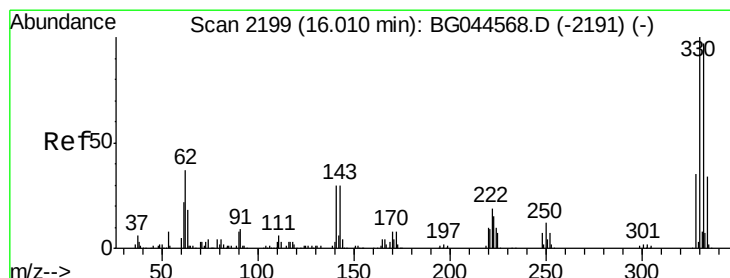
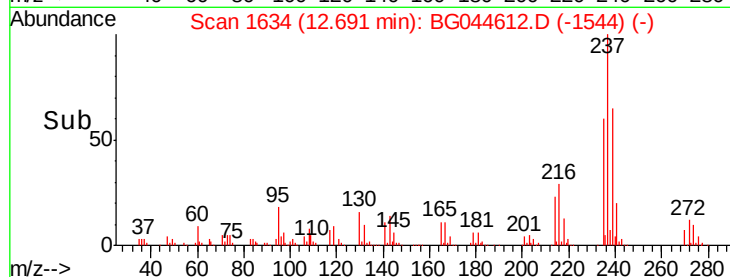
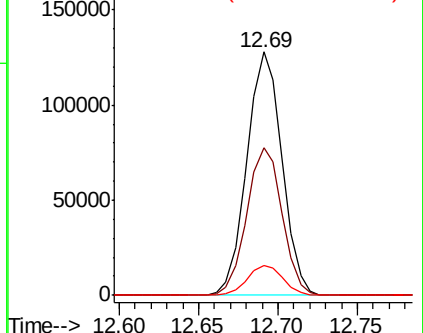
272 12.3 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.547 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

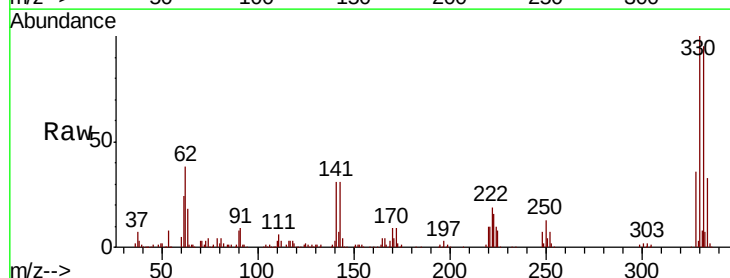
Tgt Ion:330 Resp: 309614

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

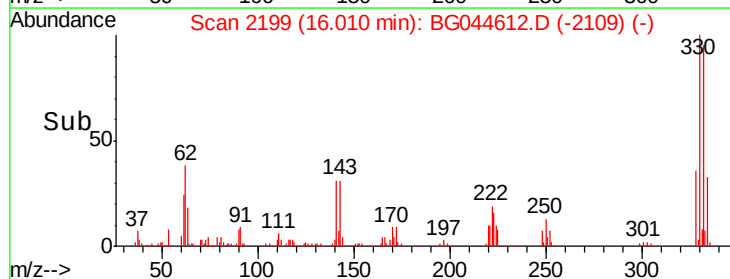
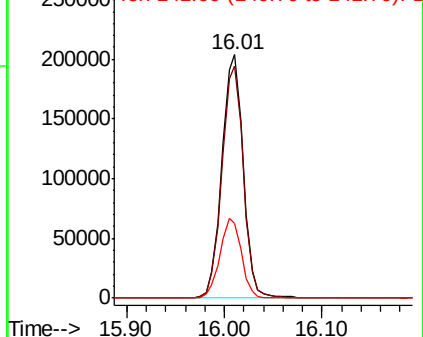
141 33.0 26.1 39.1

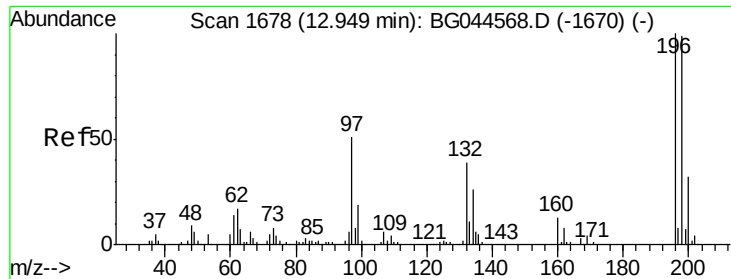


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

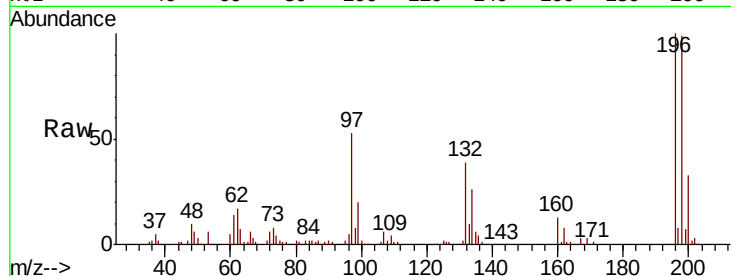




#43
 2,4,6-Trichlorophenol
 Concen: 44.938 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	164303
Ion Ratio	Lower	Upper	
196	100		
198	99.1	79.2	118.8
200	32.8	25.7	38.5

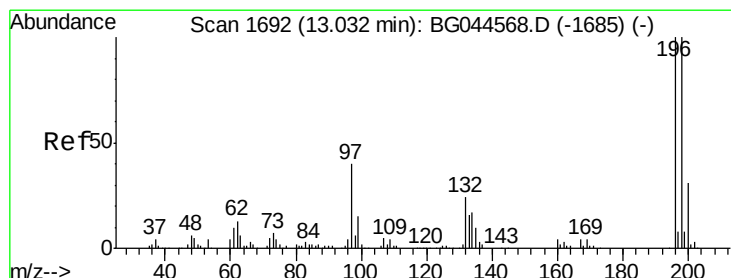
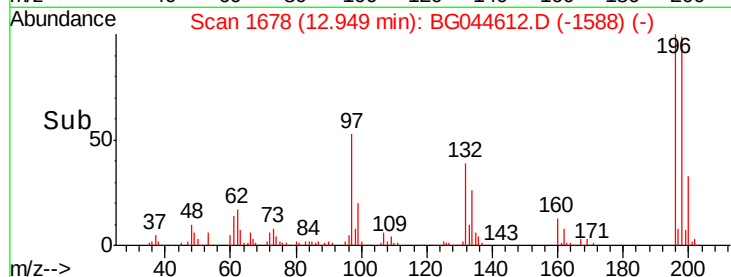
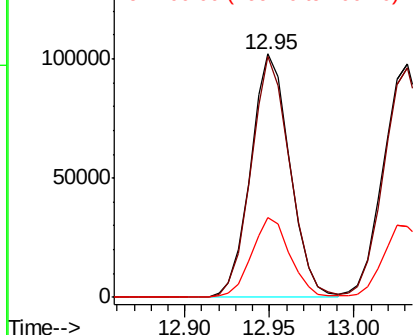


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.729 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	196	Resp	179261
Ion Ratio	Lower	Upper	
196	100		
198	98.8	79.3	118.9
97	43.9	32.3	48.5
132	24.7	19.1	28.7

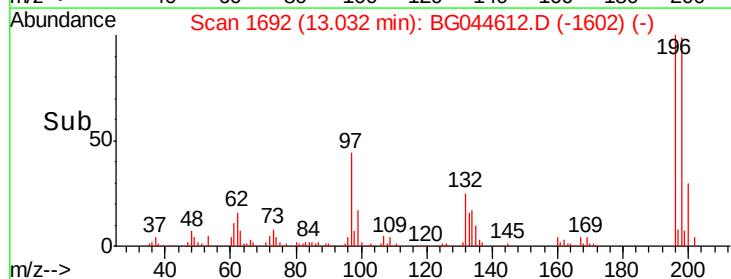
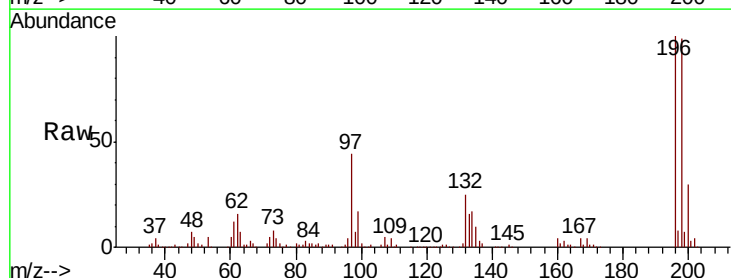
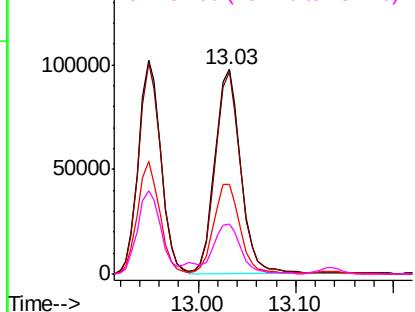
Abundance

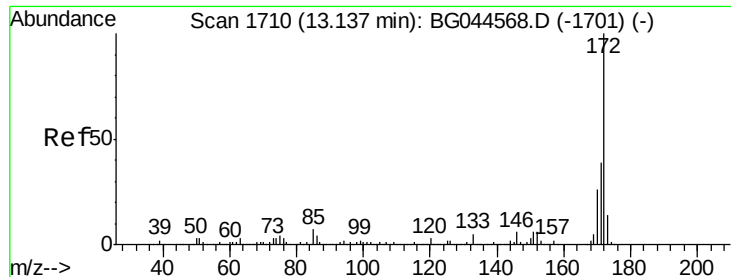
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

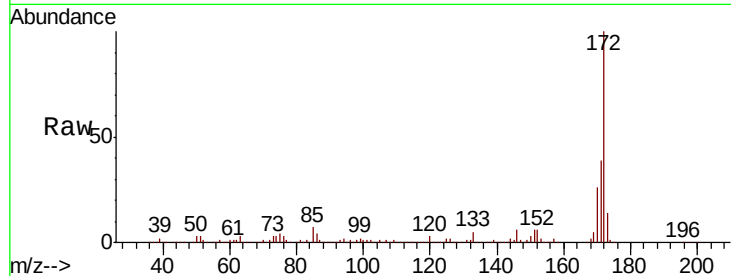




#45
 2-Fluorobiphenyl
 Concen: 80.027 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	26.2	21.0	31.4

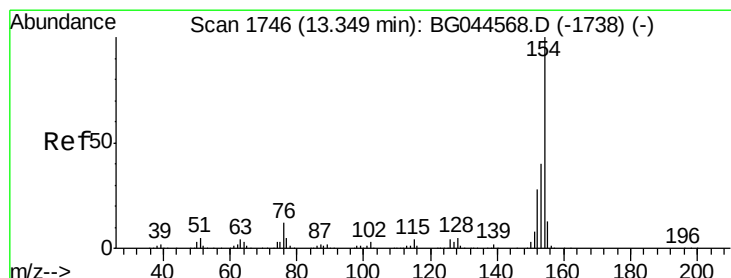
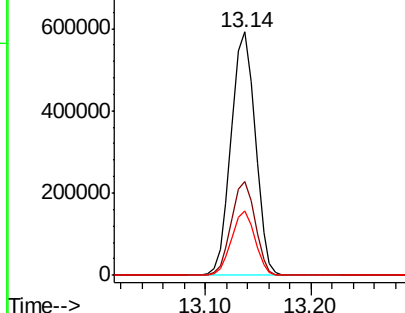
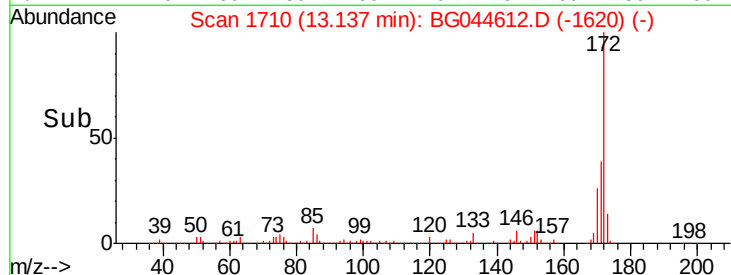


Abundance

Ion 172.00 (171.70 to 172.70): E

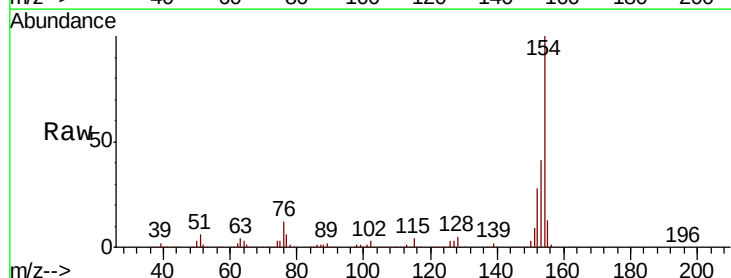
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 41.408 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.2	60.2
76	11.9	0.0	31.8

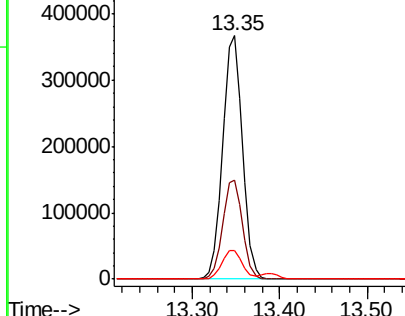
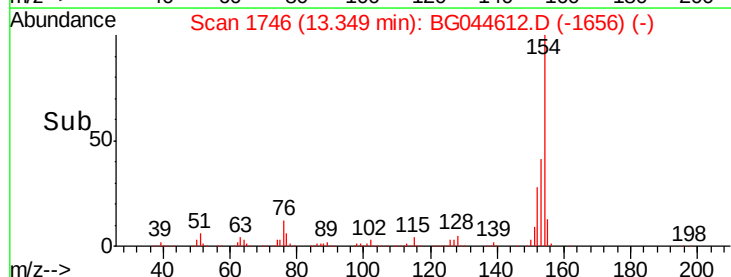


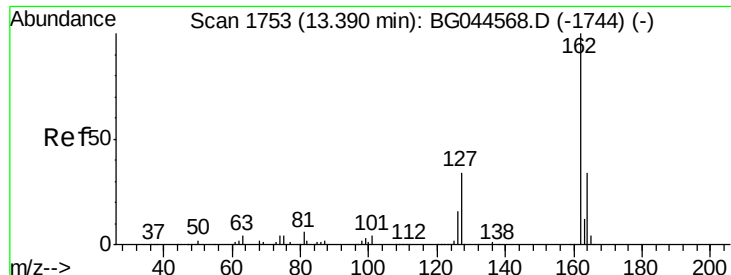
Abundance

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

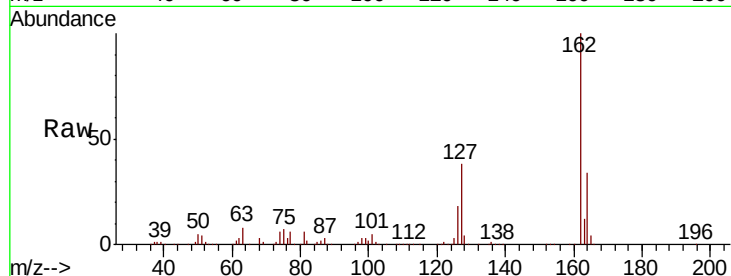




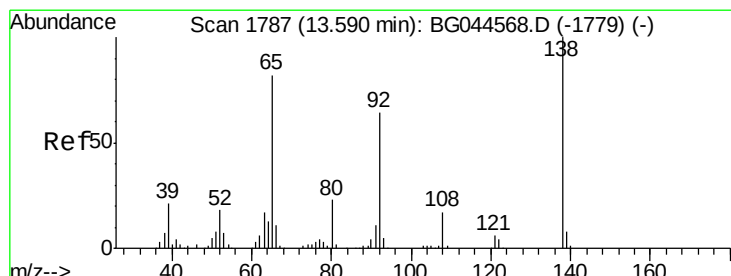
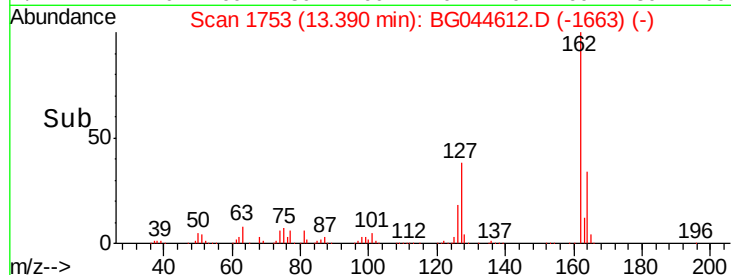
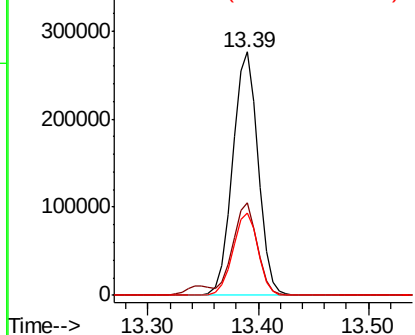
#47
 2-Chloronaphthalene
 Concen: 41.114 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	28.7	43.1
164	33.7	27.3	40.9

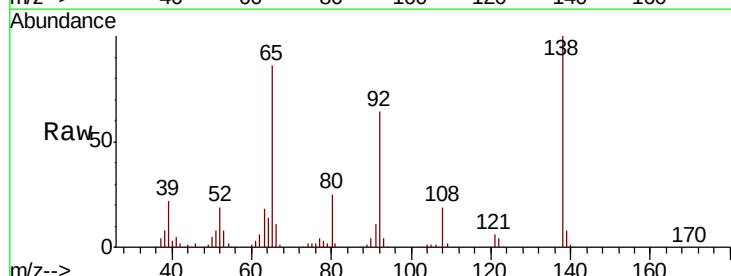


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

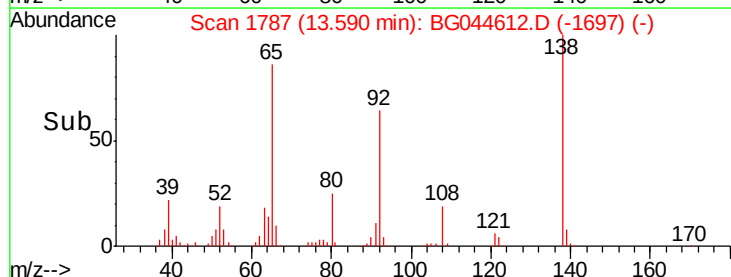
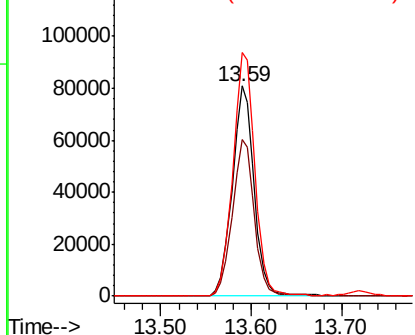


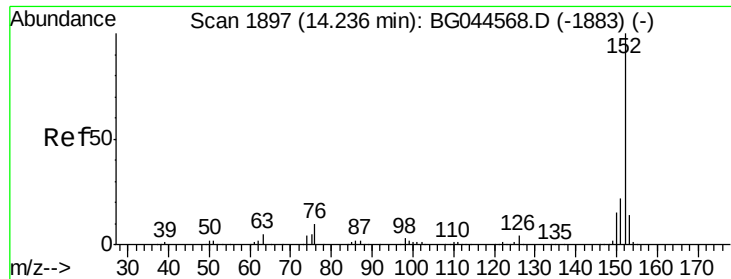
#48
 2-Nitroaniline
 Concen: 45.237 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	62.2	93.2
138	116.1	97.6	146.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.689 ng

RT: 14.24 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

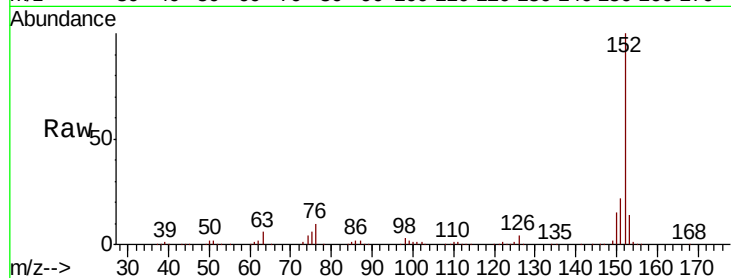
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 716017

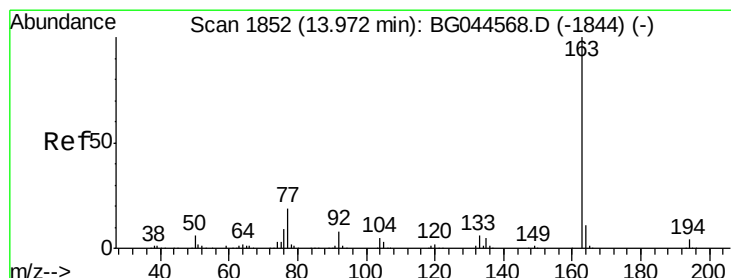
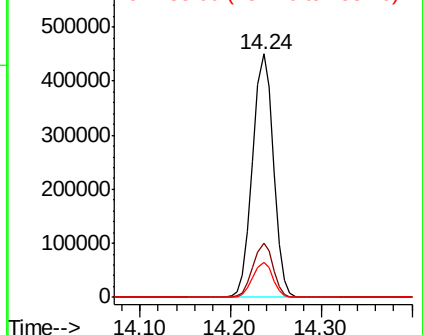
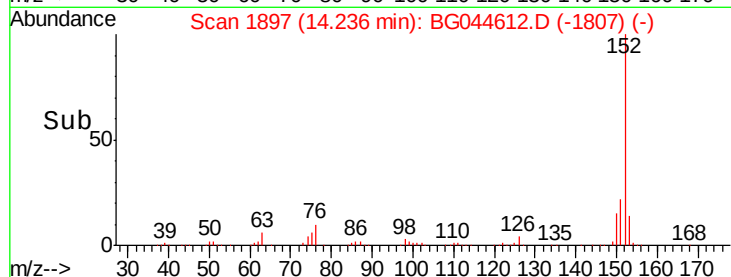
Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.7	26.5
153	14.3	11.3	16.9



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: 46.994 ng

RT: 13.97 min Scan# 1852

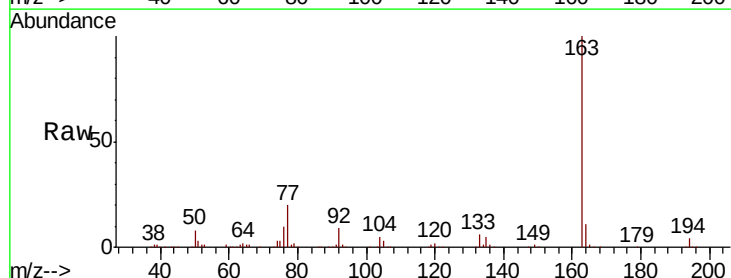
Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:163 Resp: 634431

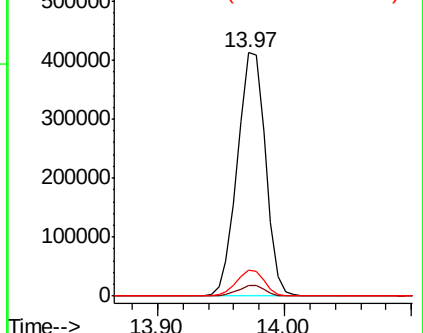
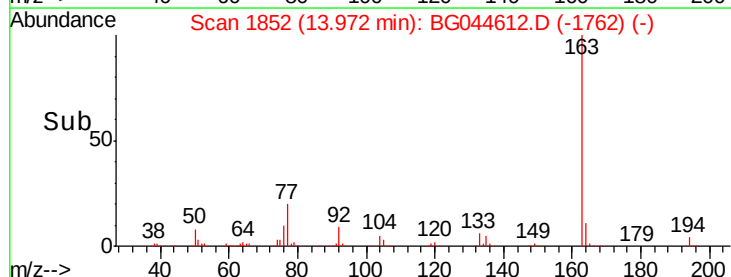
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.7	8.7	13.1

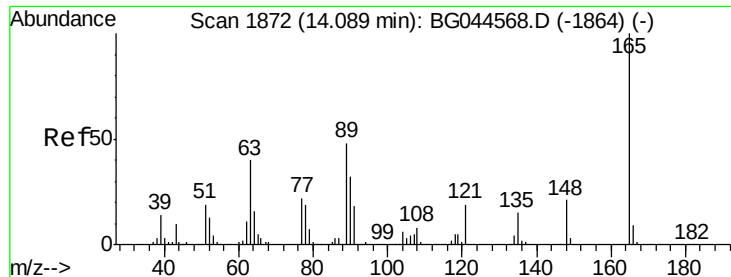


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

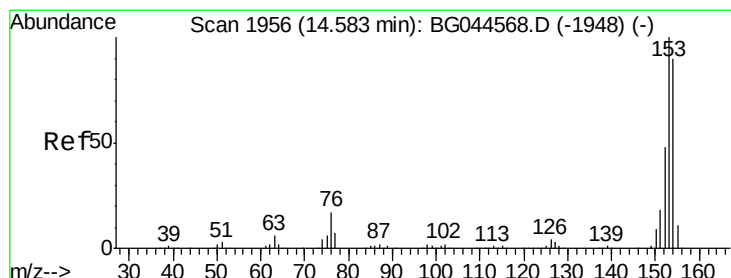
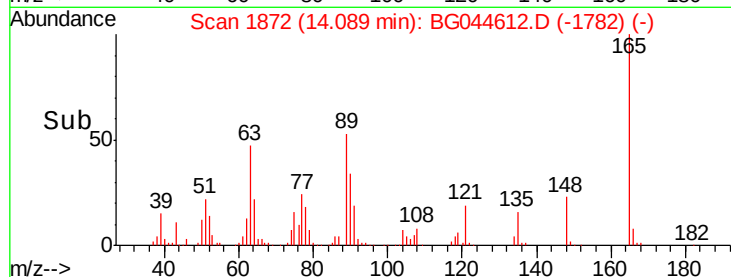
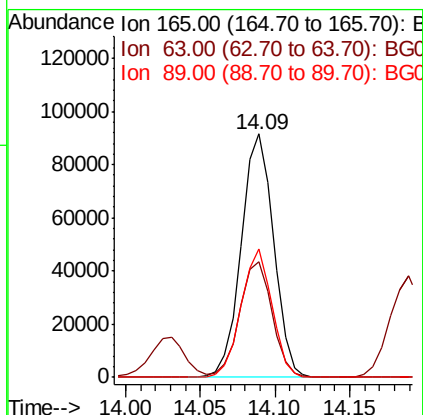
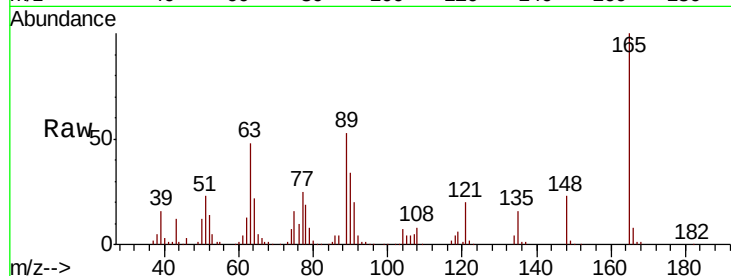




#51
 2,6-Dinitrotoluene
 Concen: 46.092 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

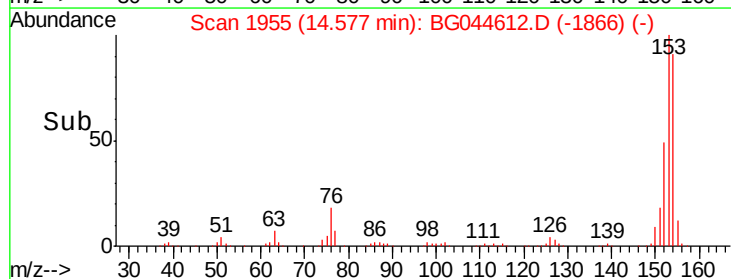
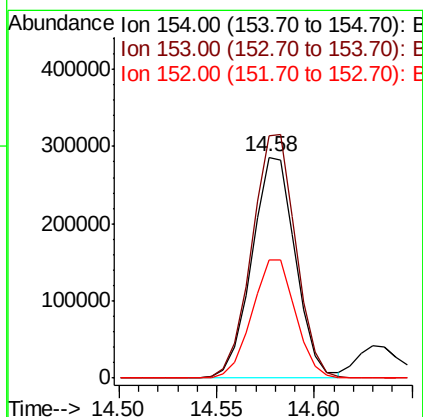
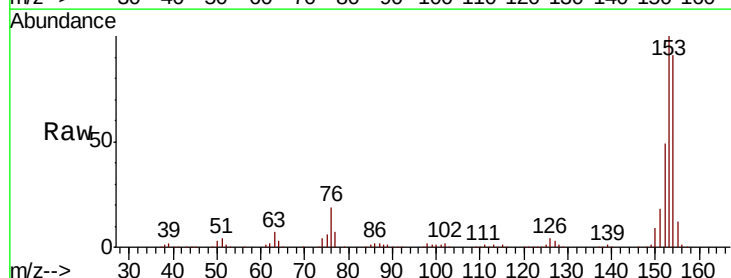
Instrument :
 BNA_G
 ClientSampled :

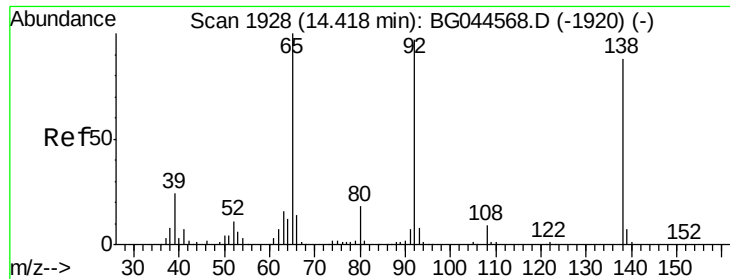
Tot Ion:165 Resp: 137235
 Ion Ratio Lower Upper
 165 100
 63 47.6 35.8 53.6
 89 52.6 38.7 58.1



#52
 Acenaphthene
 Concen: 43.202 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion:154 Resp: 441232
 Ion Ratio Lower Upper
 154 100
 153 110.1 89.4 134.0
 152 53.5 43.0 64.4

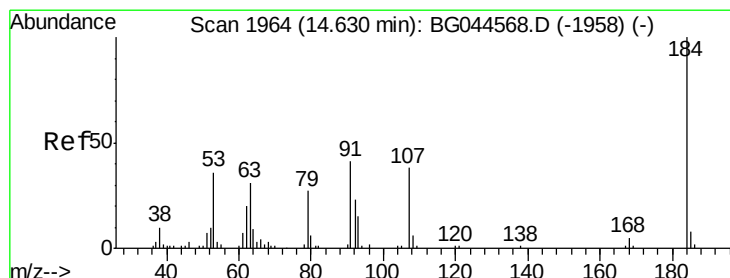
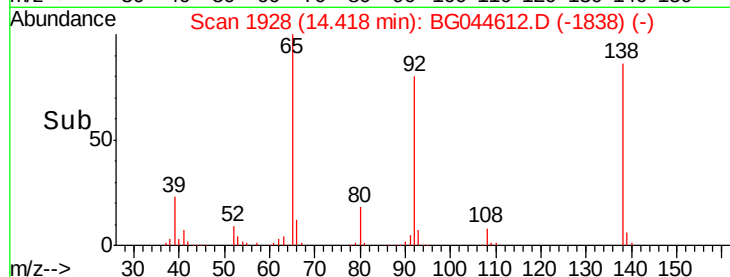
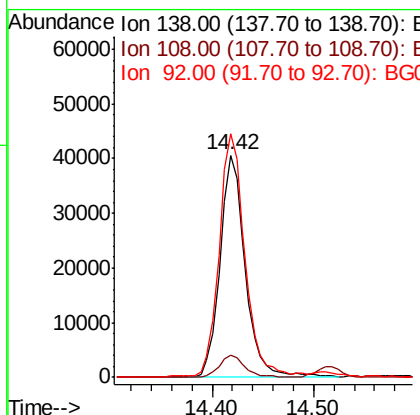
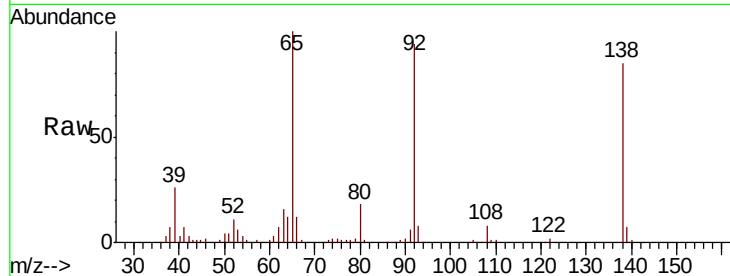




#53
3-Nitroaniline
Concen: 21.798 ng
RT: 14.42 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

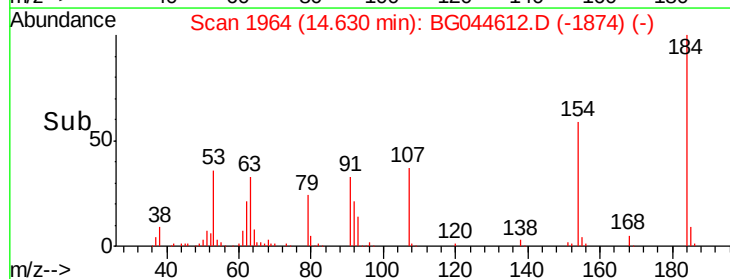
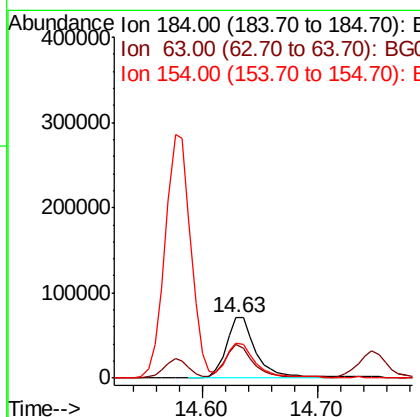
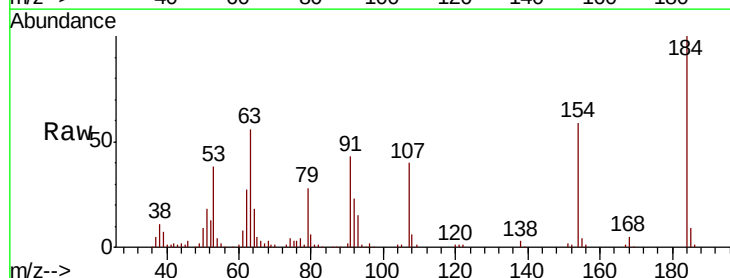
Instrument :
BNA_G
ClientSampleId :

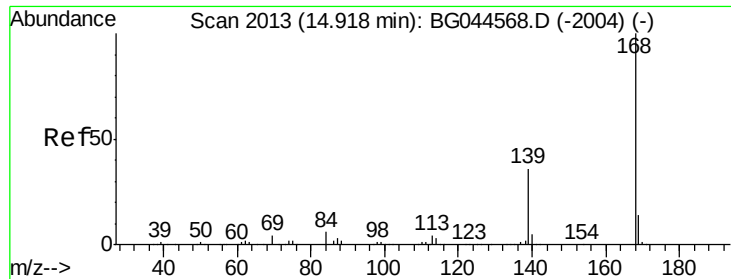
Tot Ion:138 Resp: 69996
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 109.5 87.4 131.2



#54
2,4-Dinitrophenol
Concen: 73.018 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:184 Resp: 127889
Ion Ratio Lower Upper
184 100
63 55.7 42.1 63.1
154 58.5 43.4 65.2

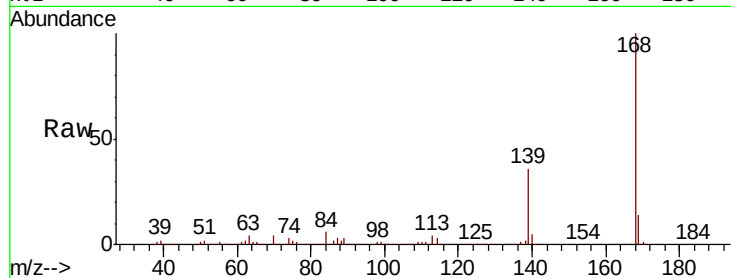




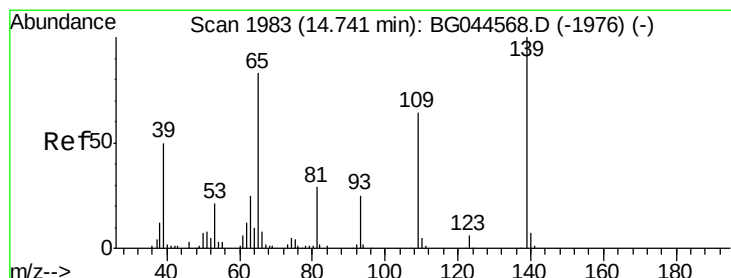
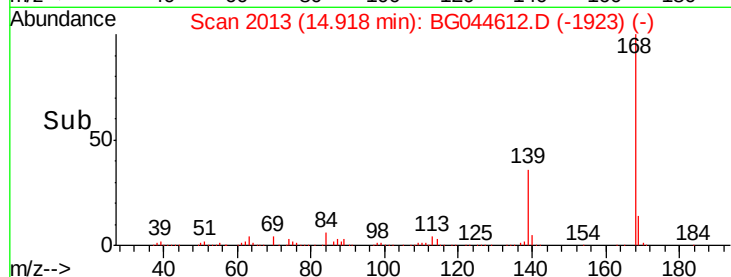
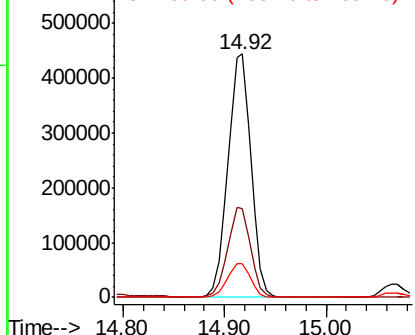
#55
Dibenzofuran
Concen: 44.707 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 700007
Ion Ratio Lower Upper
168 100
139 36.4 29.2 43.8
169 14.1 11.0 16.6

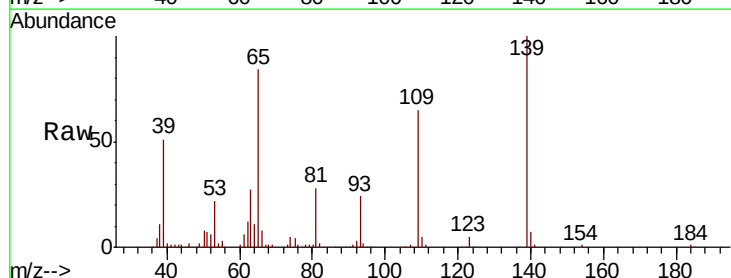


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

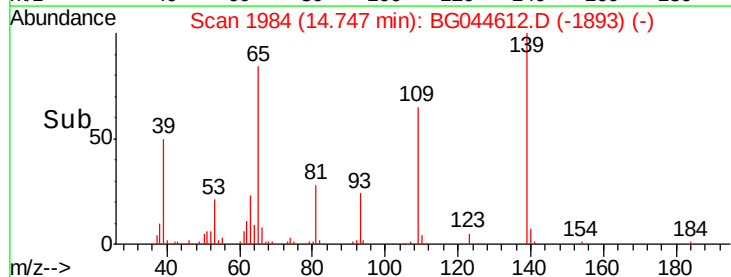
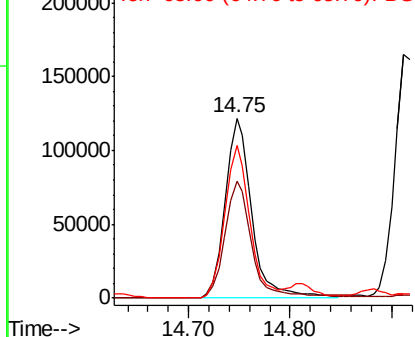


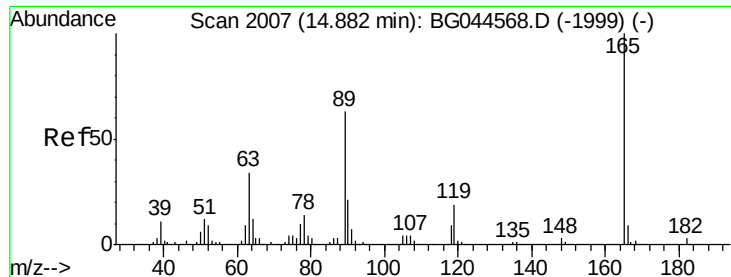
#56
4-Nitrophenol
Concen: 100.500 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:139 Resp: 221988
Ion Ratio Lower Upper
139 100
109 65.2 43.8 83.8
65 84.4 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

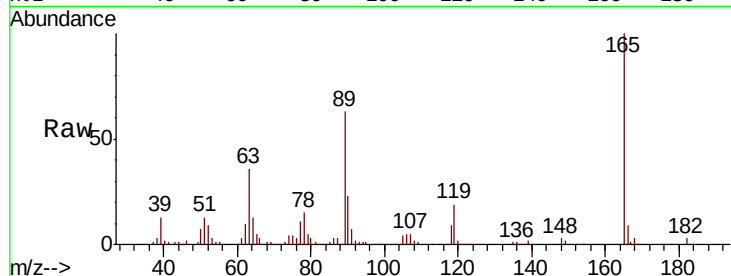




#57
2,4-Dinitrotoluene
Concen: 46.576 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.1	27.5	41.3
89	63.1	50.0	75.0
182	2.6	2.3	3.5



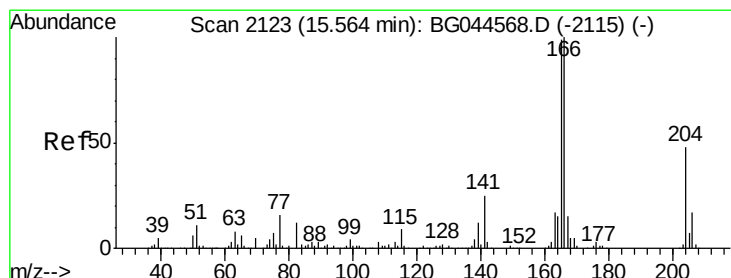
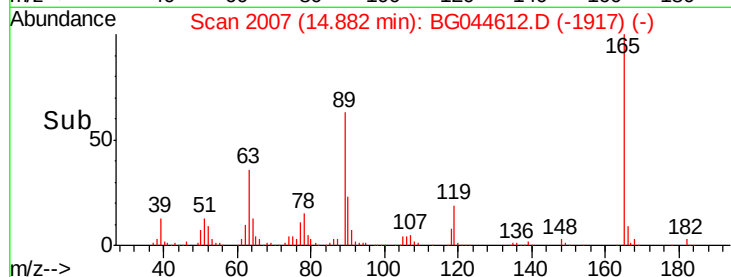
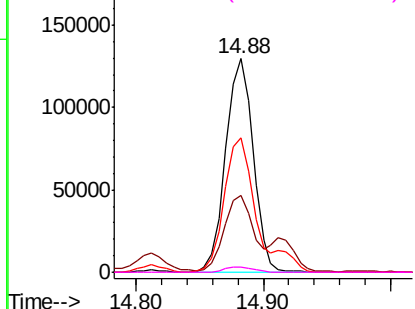
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

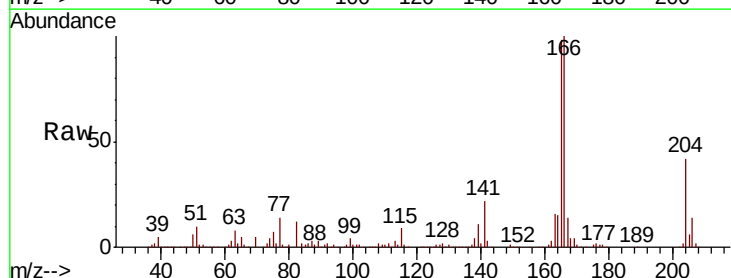
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.274 ng
RT: 15.56 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.2	118.8
167	13.8	11.7	17.5

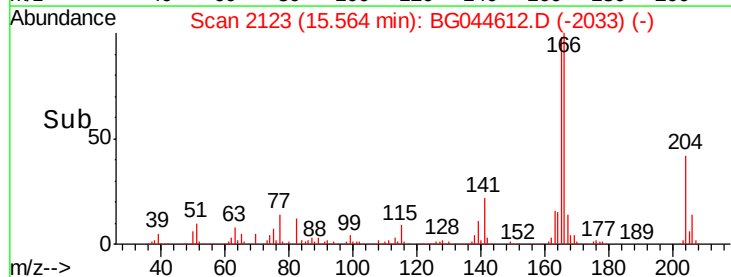
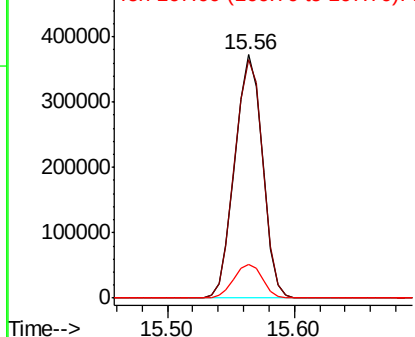


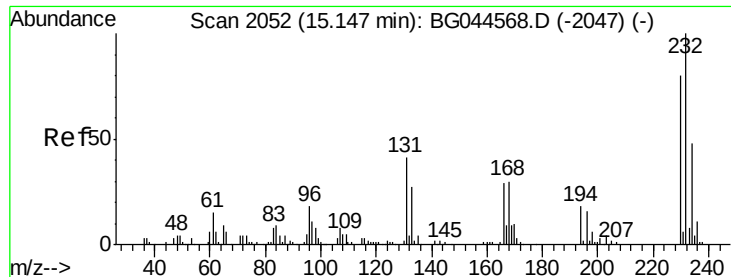
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

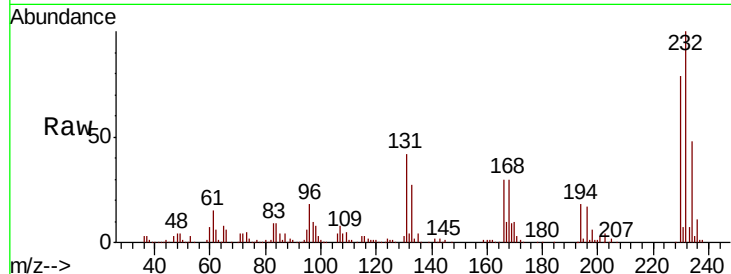




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.907 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	169154
Ion	Ratio	Lower	Upper
232	100		
131	39.8	31.8	47.6
130	2.2	1.8	2.6
166	29.6	22.7	34.1



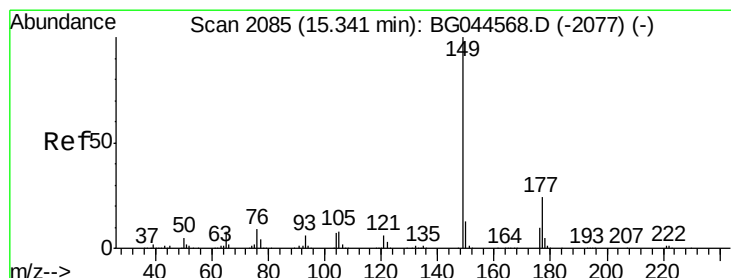
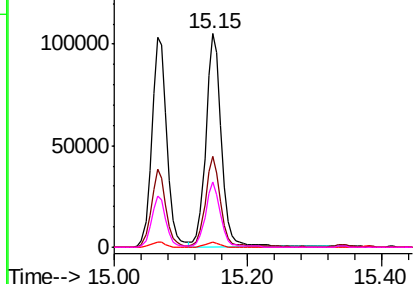
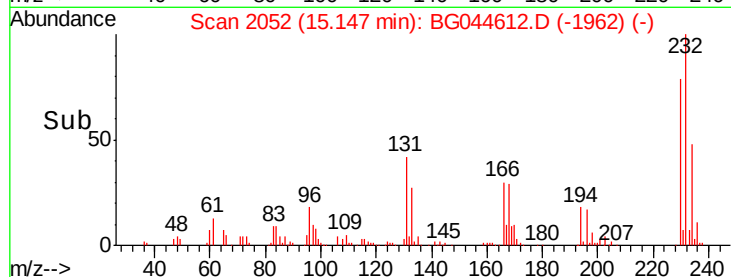
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

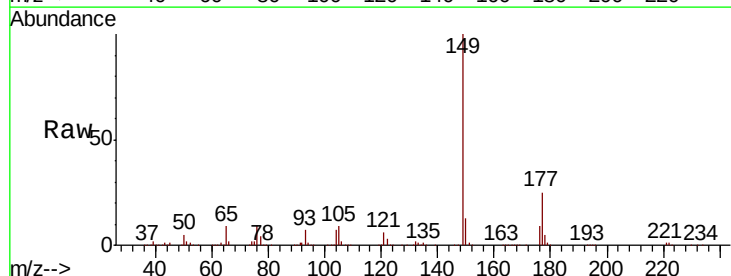
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.593 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion:	149	Resp:	609874
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.2	28.8
150	13.2	10.2	15.4

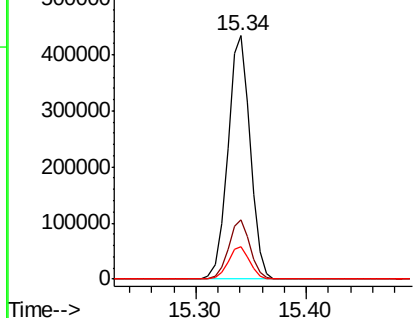
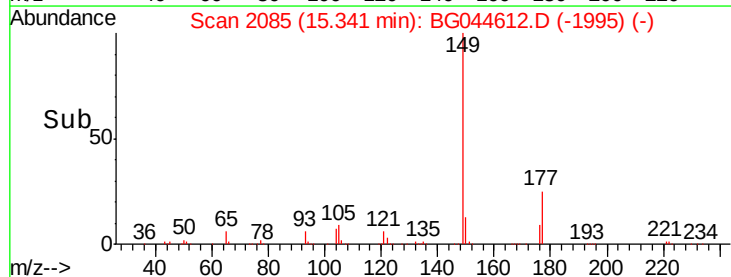


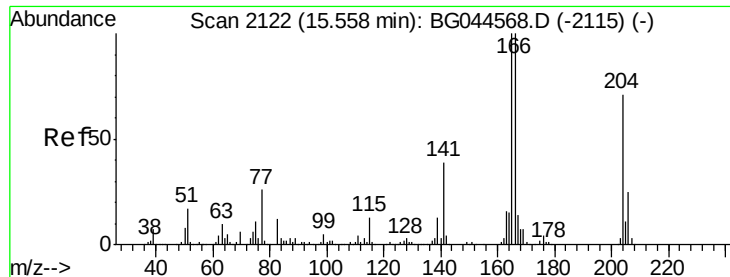
Abundance

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: 43.705 ng

RT: 15.56 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

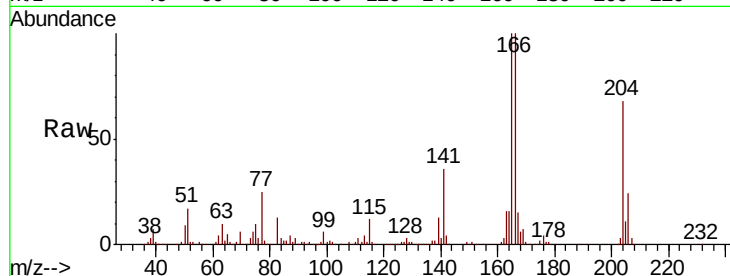
Tot Ion:204 Resp: 295017

Ion	Ratio	Lower	Upper
204	100		
206	35.9	27.8	41.8
141	52.8	43.8	65.8

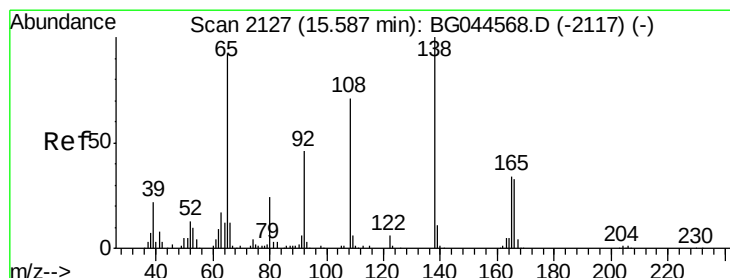
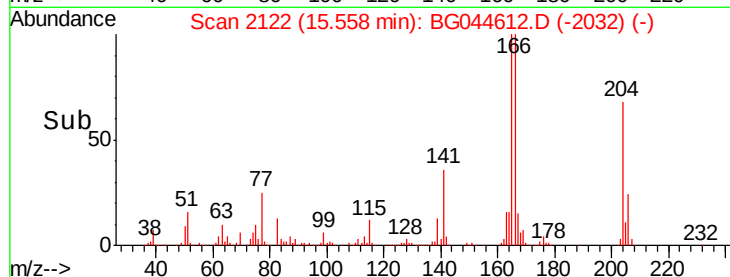
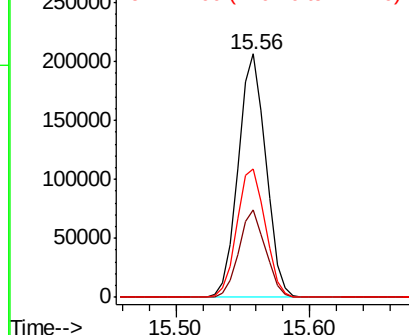
204 100

206 35.9 27.8 41.8

141 52.8 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: 43.676 ng

RT: 15.59 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

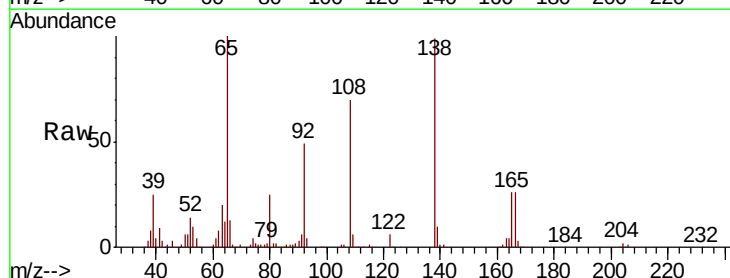
Tgt Ion:138 Resp: 140433

Ion	Ratio	Lower	Upper
138	100		
92	49.3	26.4	66.4
108	71.3	50.5	90.5

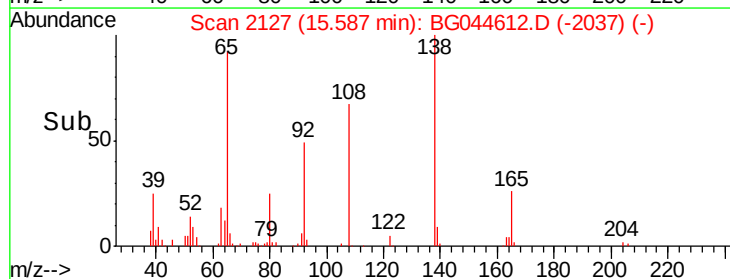
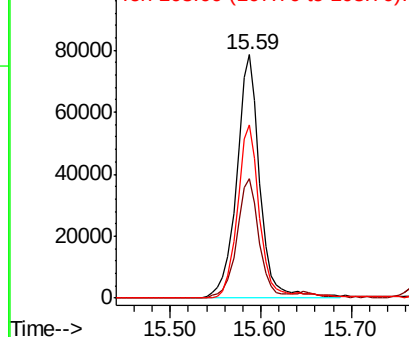
138 100

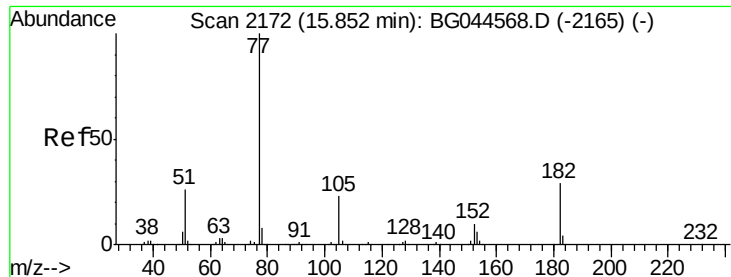
92 49.3 26.4 66.4

108 71.3 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: 46.650 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 531068

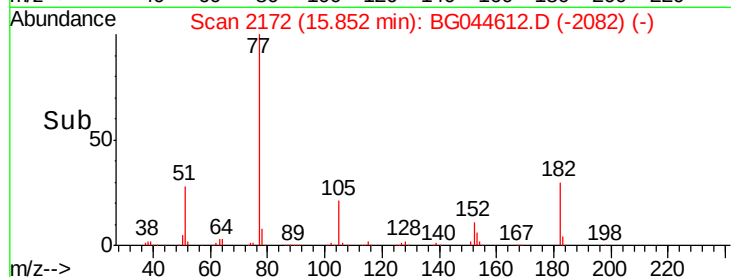
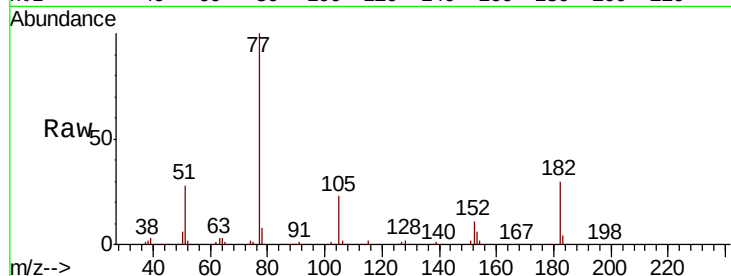
Ion Ratio Lower Upper

77 100

182 29.8 9.4 49.4

105 23.1 3.4 43.4

51 27.9 6.4 46.4

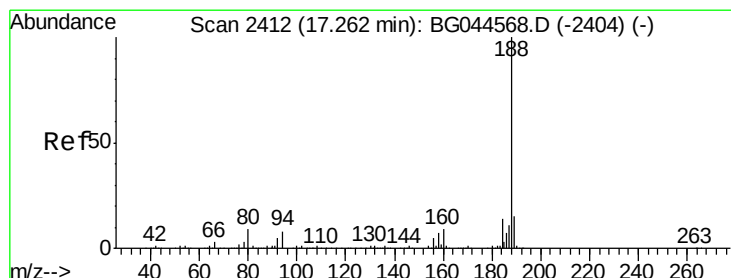
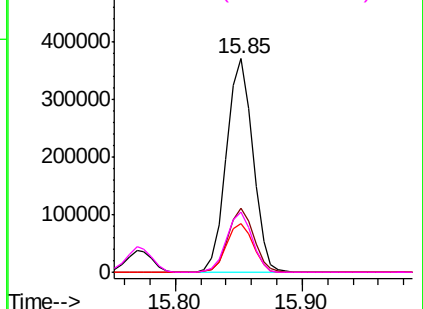


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.26 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

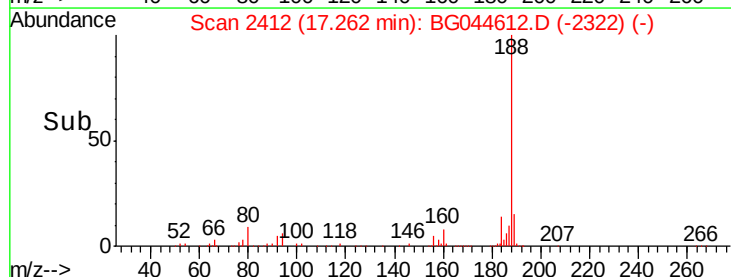
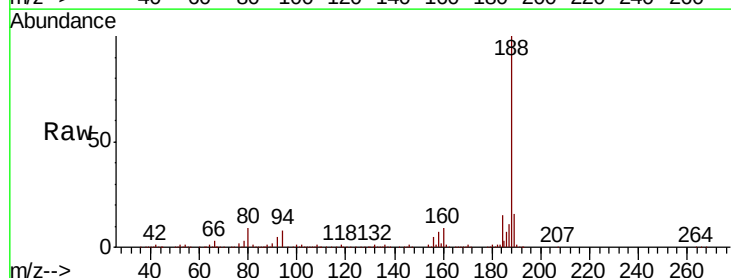
Tgt Ion: 188 Resp: 388375

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

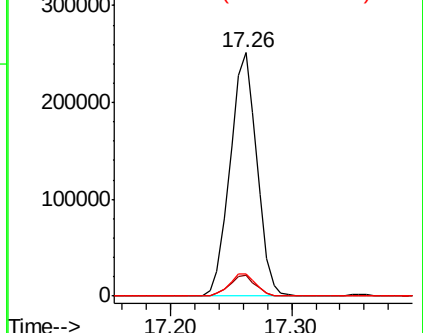
80 9.1 7.6 11.4

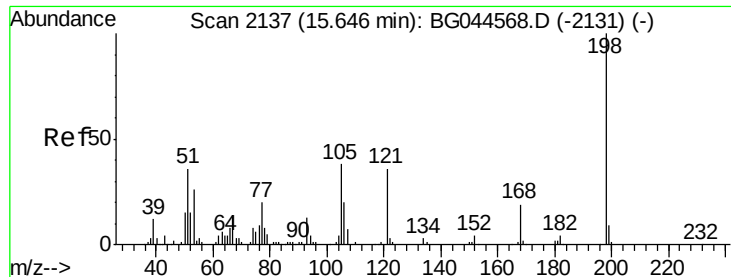


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.870 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

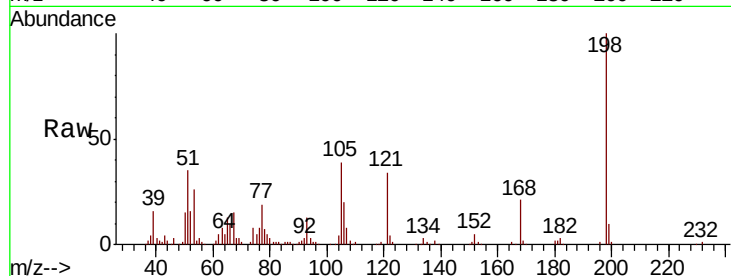
Tot Ion:198 Resp: 110307

Ion Ratio Lower Upper

198 100

51 34.8 17.0 57.0

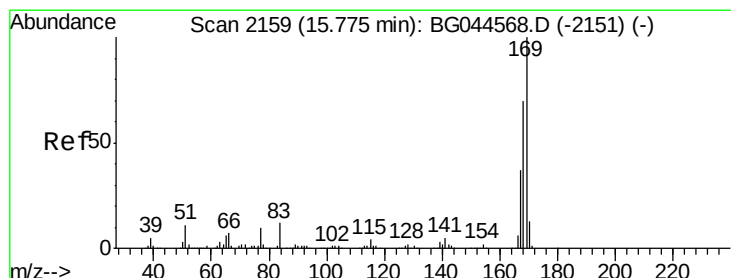
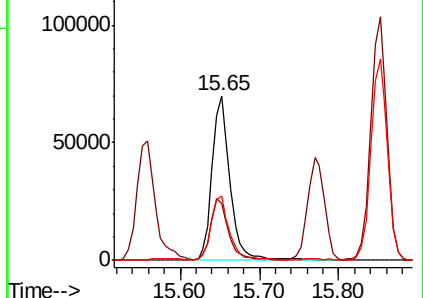
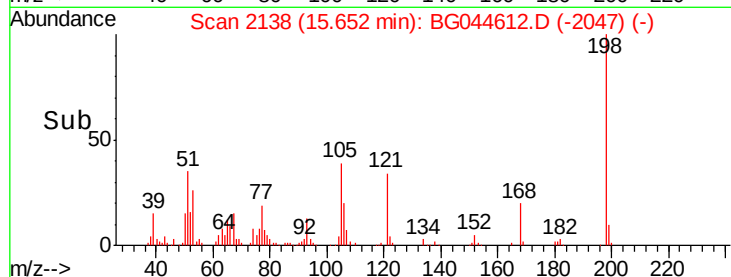
105 39.2 18.4 58.4



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: 44.016 ng

RT: 15.78 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

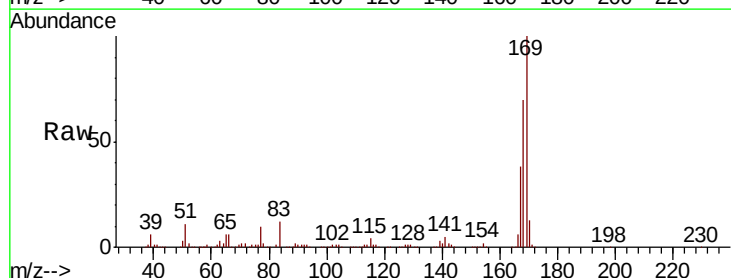
Tgt Ion:169 Resp: 533233

Ion Ratio Lower Upper

169 100

168 70.0 56.1 84.1

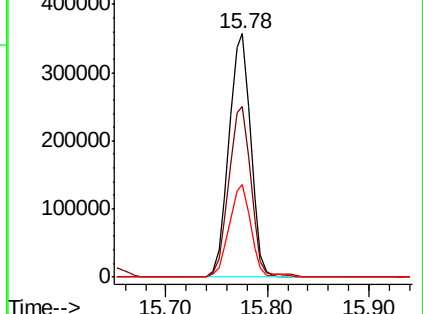
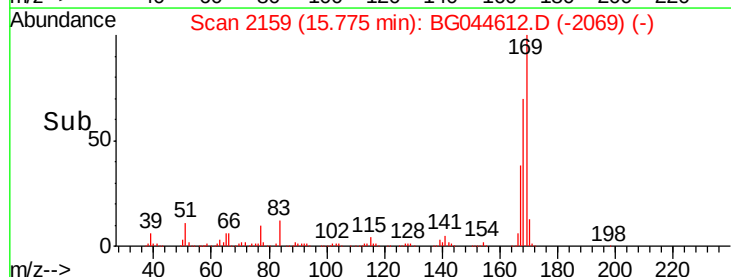
167 37.9 29.4 44.0

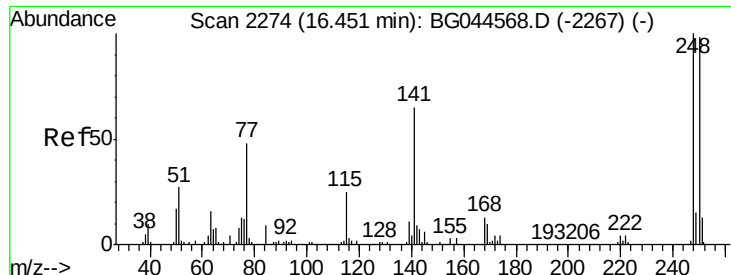


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

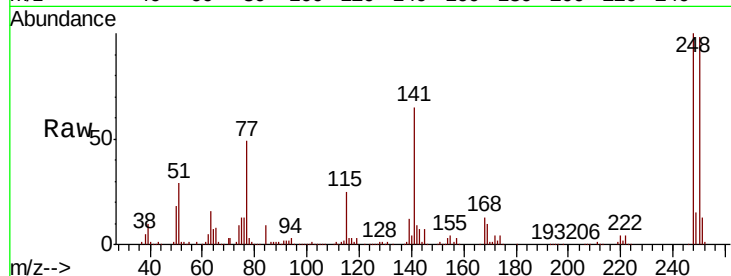




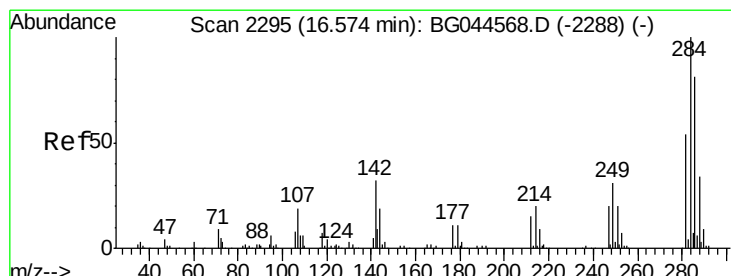
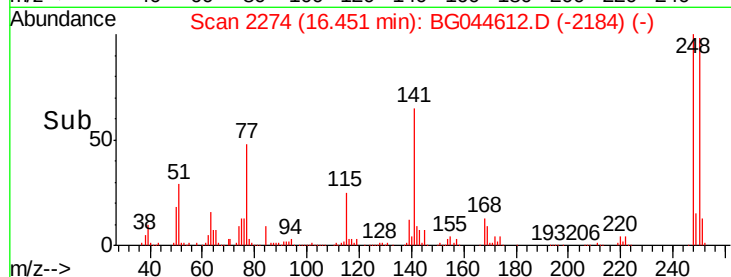
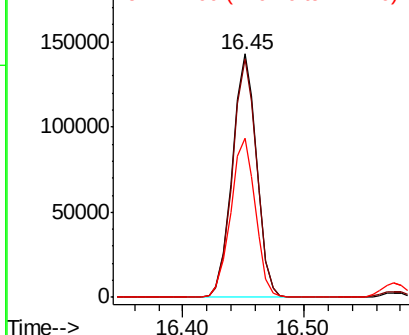
#67
4-Bromophenyl-phenylether
Concen: 41.590 ng
RT: 16.45 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 200500
Ion Ratio Lower Upper
248 100
250 97.8 78.7 118.1
141 65.2 52.3 78.5

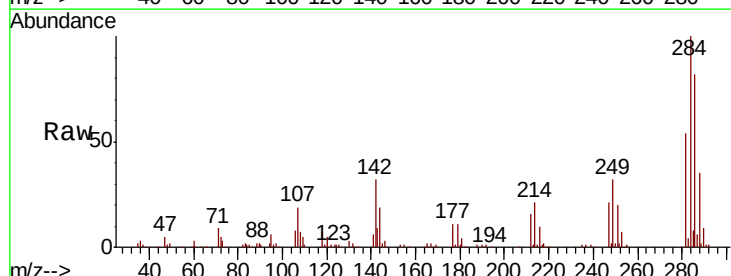


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

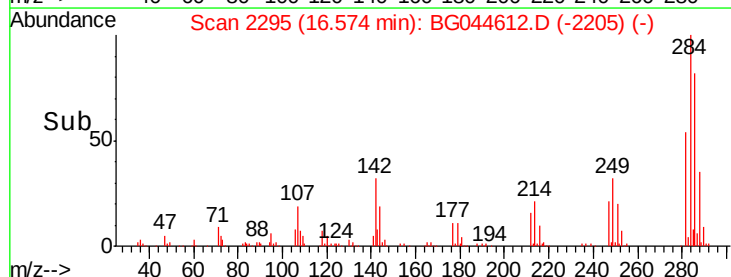
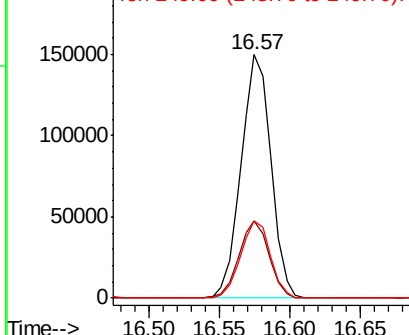


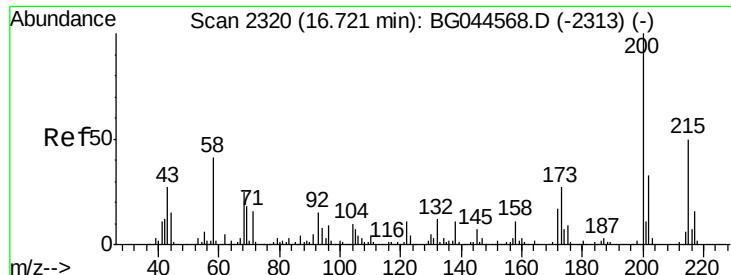
#68
Hexachlorobenzene
Concen: 40.777 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:284 Resp: 222253
Ion Ratio Lower Upper
284 100
142 31.9 25.6 38.4
249 31.6 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: 47.663 ng

RT: 16.73 min Scan# 2321

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

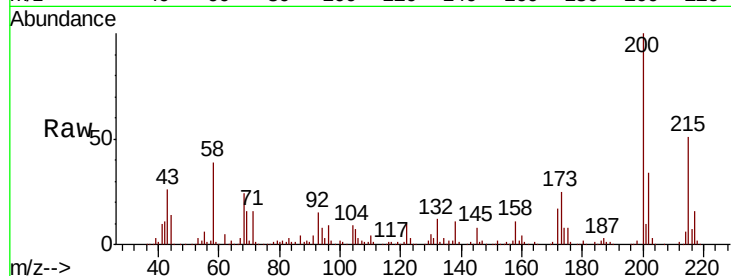
Tot Ion:200 Resp: 213462

Ion Ratio Lower Upper

200 100

173 25.5 6.6 46.6

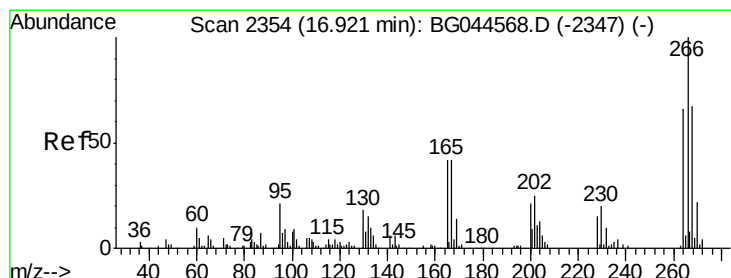
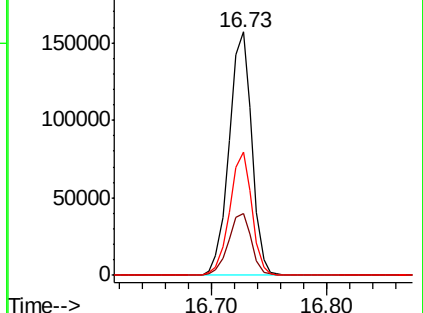
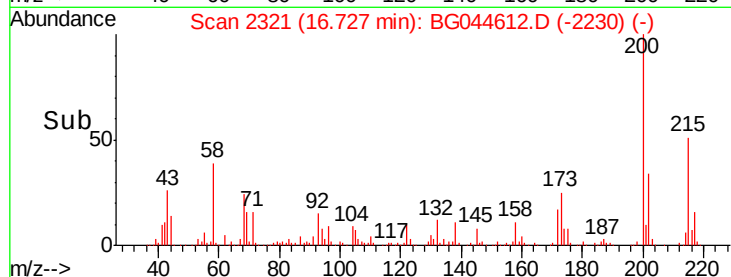
215 50.7 30.3 70.3



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: 89.662 ng

RT: 16.92 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

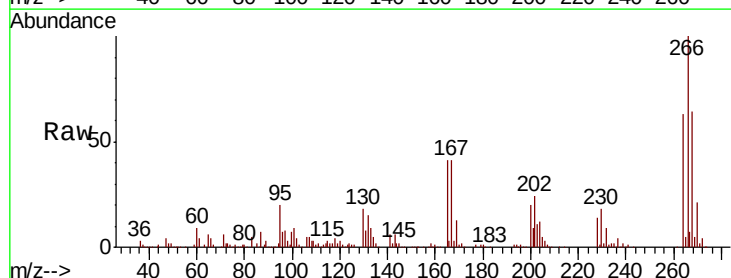
Tgt Ion:266 Resp: 241711

Ion Ratio Lower Upper

266 100

268 63.6 53.4 80.0

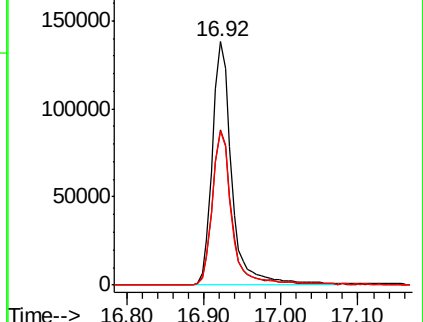
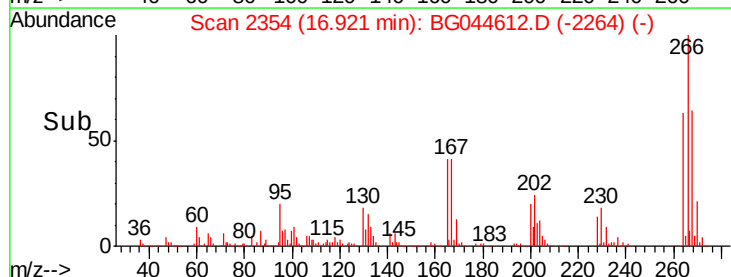
264 63.3 53.0 79.4

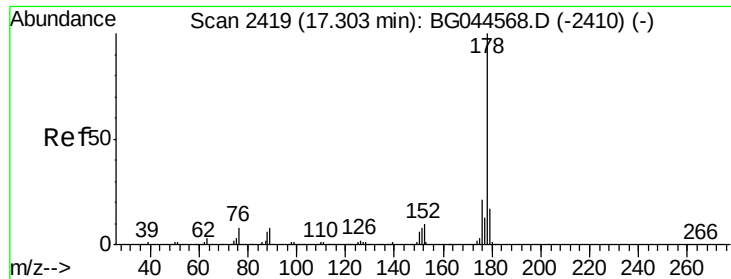


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

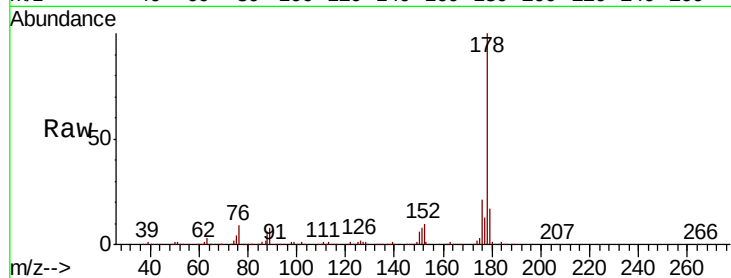




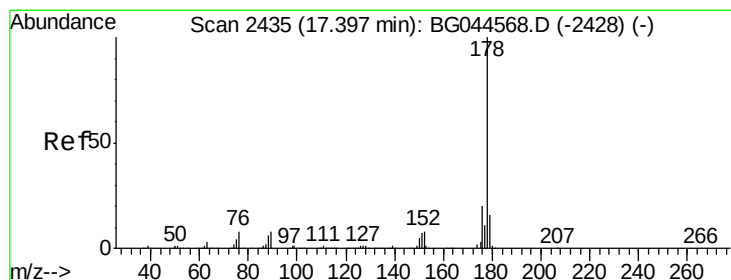
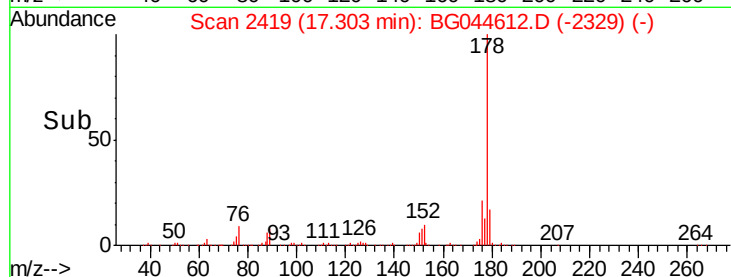
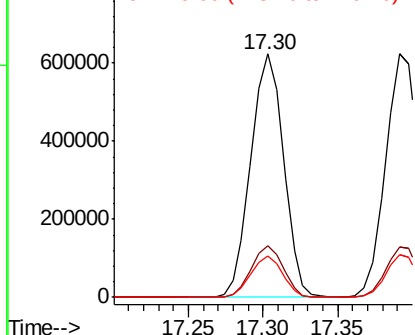
#71
Phenanthrene
Concen: 44.231 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 951043
Ion Ratio Lower Upper
178 100
176 21.4 16.6 25.0
179 16.9 13.3 19.9

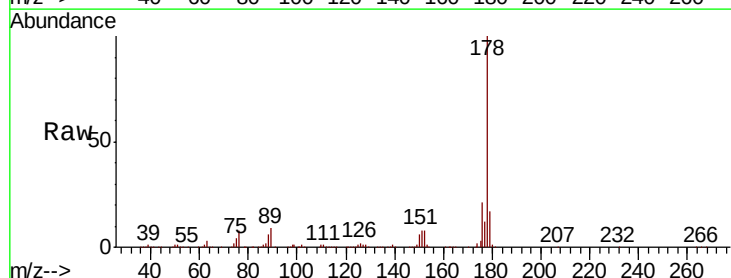


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

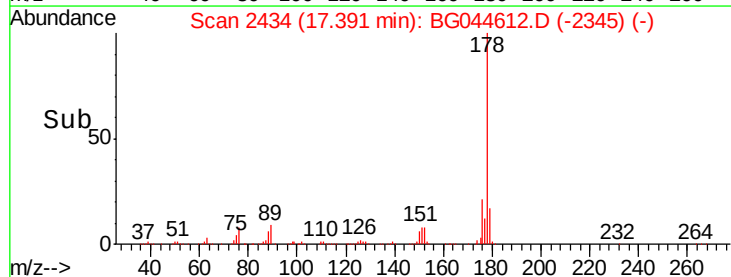
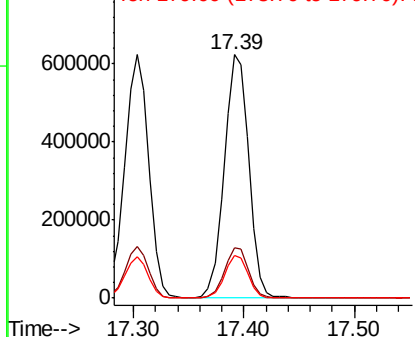


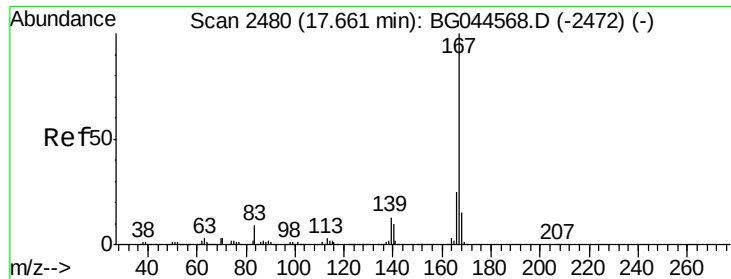
#72
Anthracene
Concen: 45.645 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:178 Resp: 967200
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 17.4 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

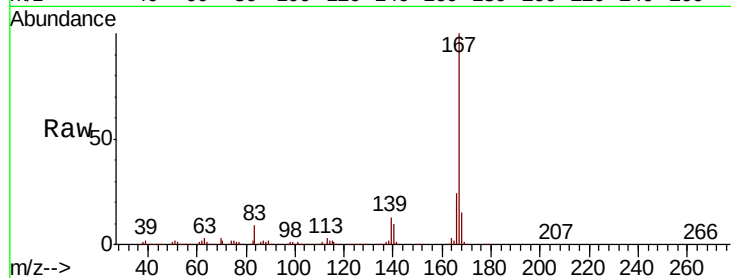




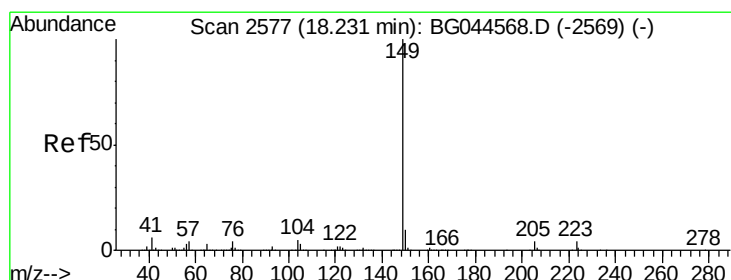
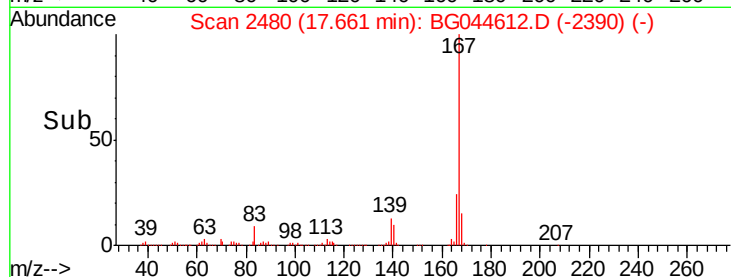
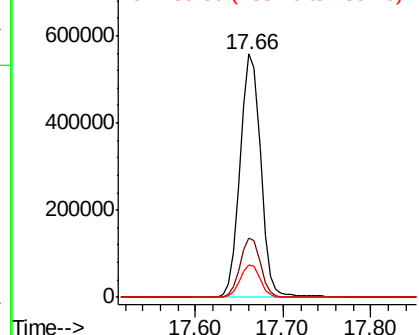
#73
 Carbazole
 Concen: 46.081 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.7	29.5
139	13.5	10.6	15.8

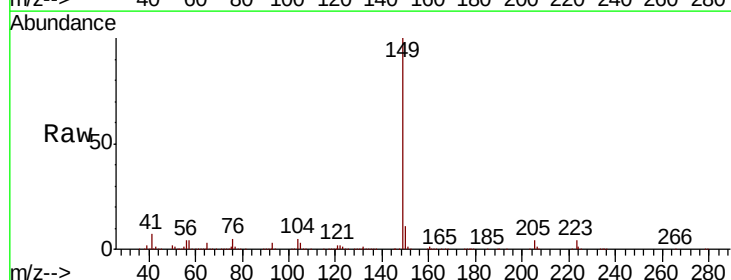


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

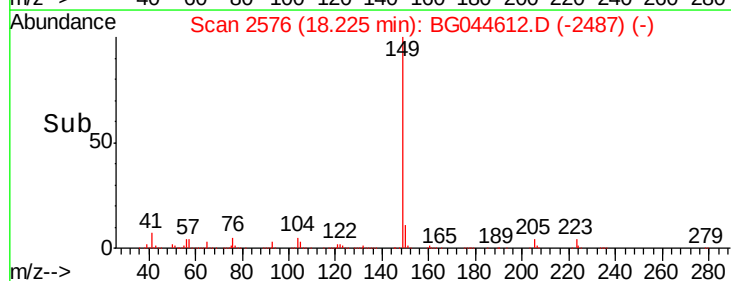
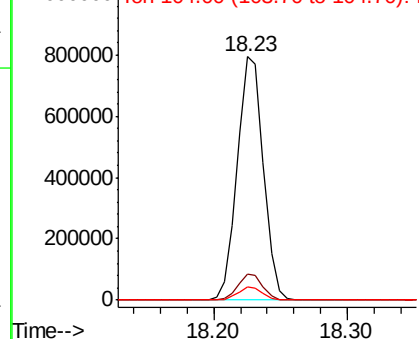


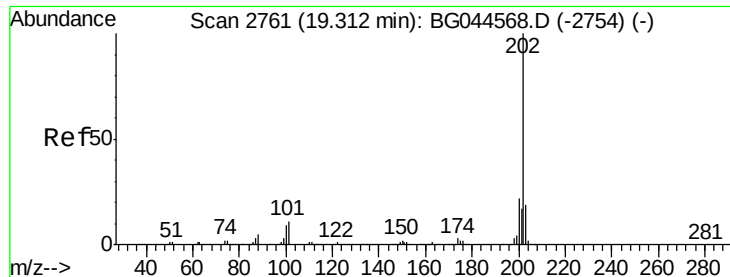
#74
 Di-n-butylphthalate
 Concen: 44.864 ng
 RT: 18.23 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.8	11.8
104	5.4	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: 45.667 ng

RT: 19.31 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

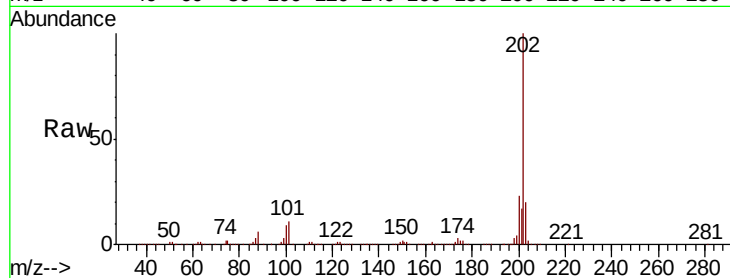
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1162380

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	19.5	0.0	39.2

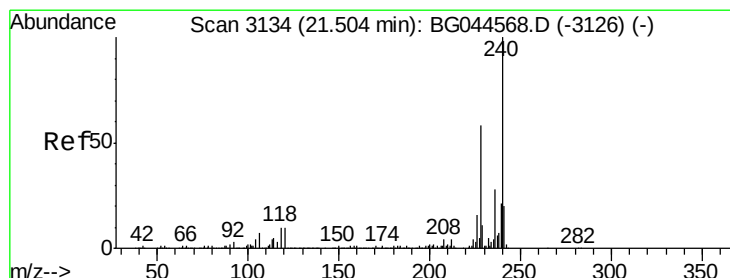
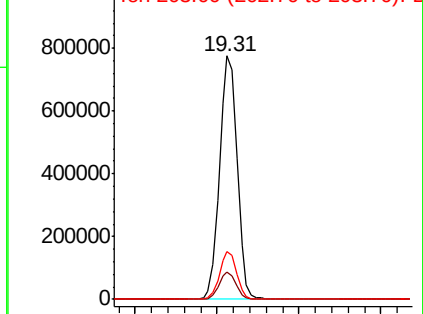
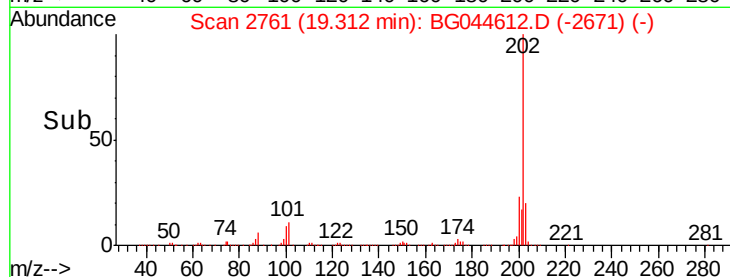


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3134

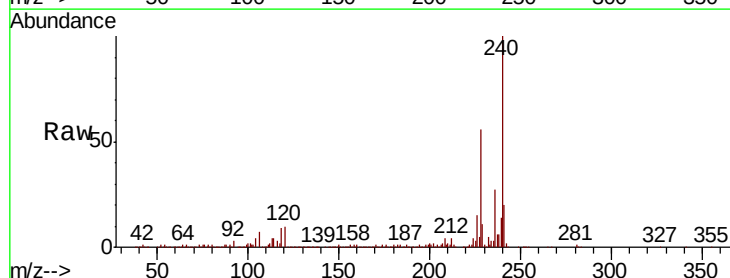
Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:240 Resp: 391122

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	26.9	22.3	33.5

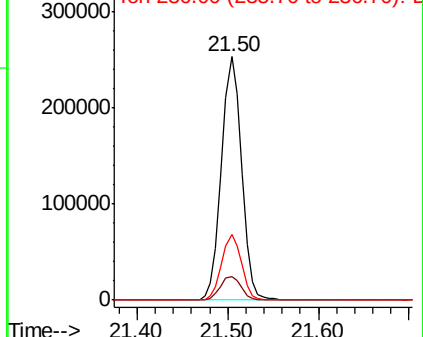
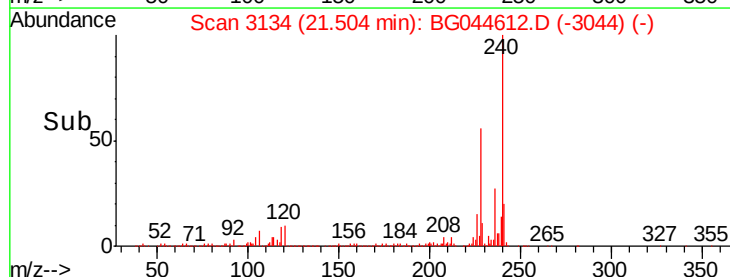


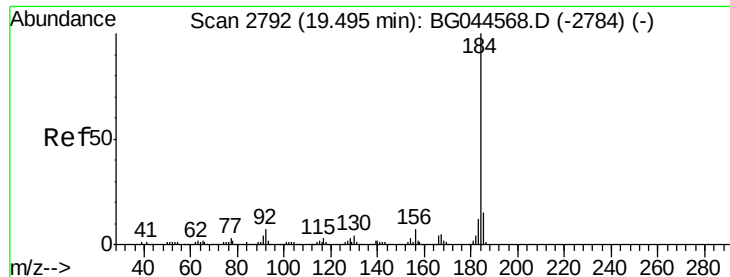
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.441 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

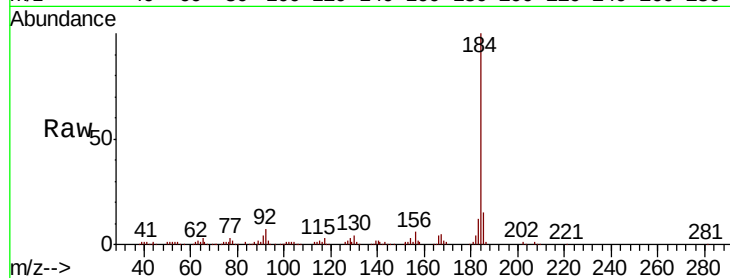
Tot Ion:184 Resp: 193486

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.4

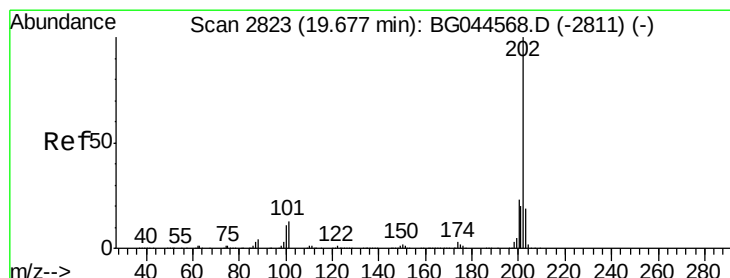
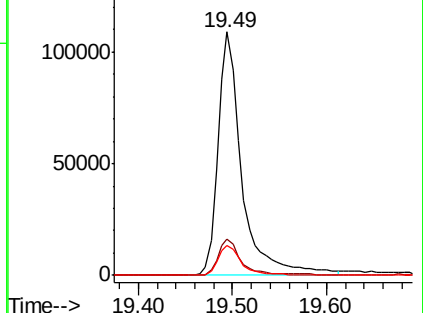
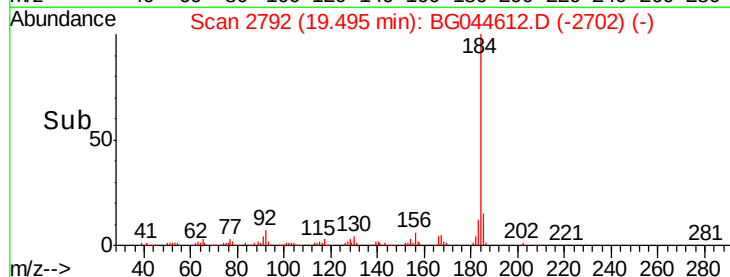
183 12.4 9.9 14.9



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: 41.068 ng

RT: 19.68 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

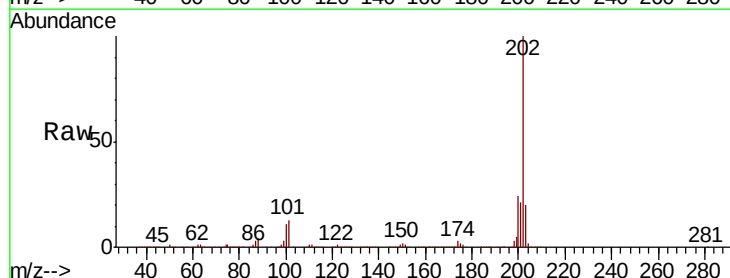
Tgt Ion:202 Resp: 1166010

Ion Ratio Lower Upper

202 100

200 24.1 18.6 28.0

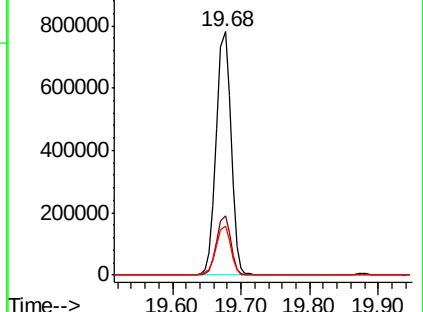
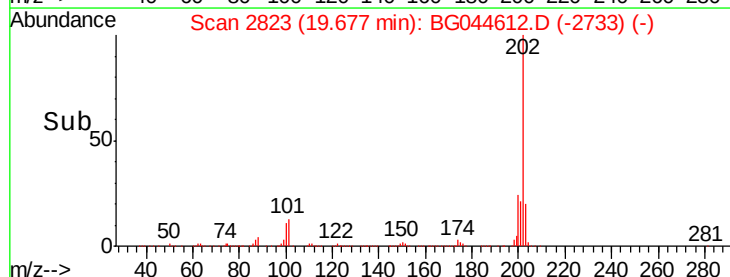
203 20.3 15.3 22.9

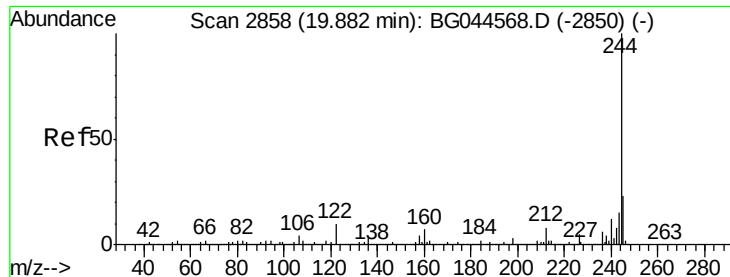


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.560 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

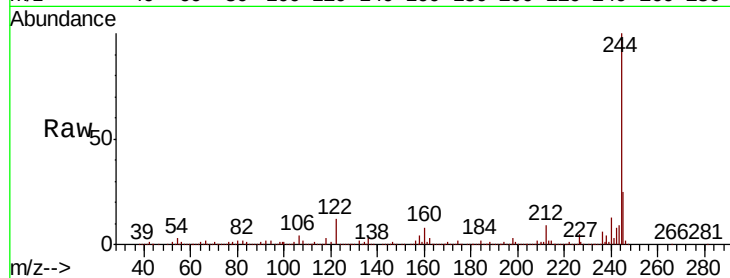
Tot Ion:244 Resp: 1685092

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

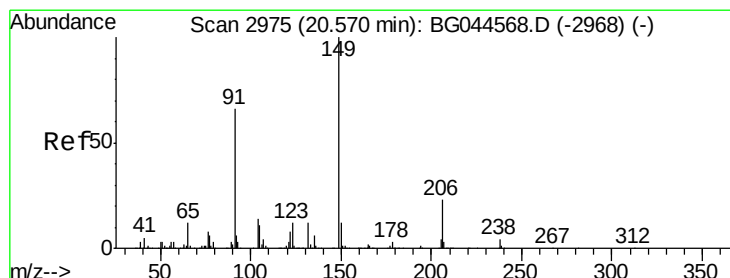
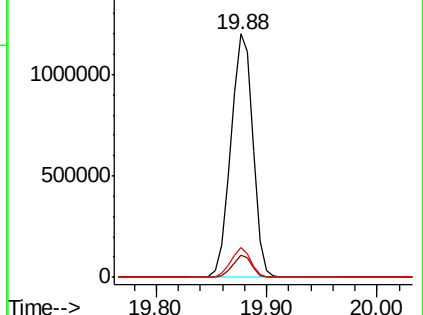
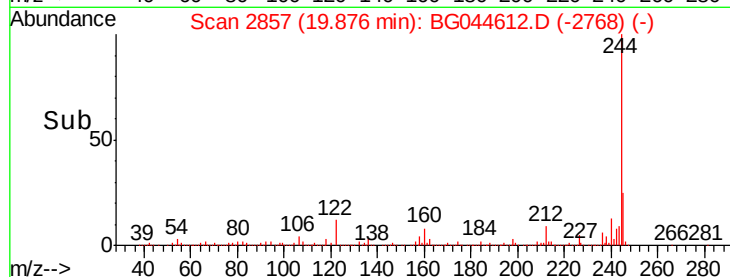
122 12.1 8.2 12.4



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: 41.036 ng

RT: 20.57 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

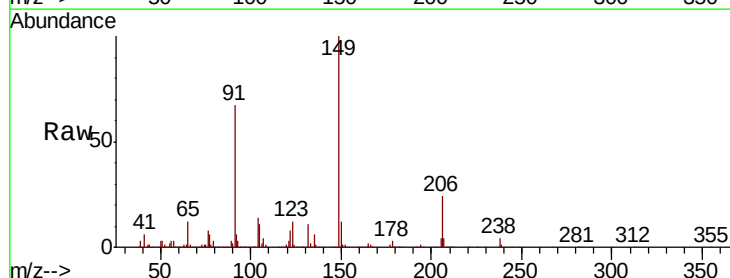
Tgt Ion:149 Resp: 509625

Ion Ratio Lower Upper

149 100

91 66.8 52.7 79.1

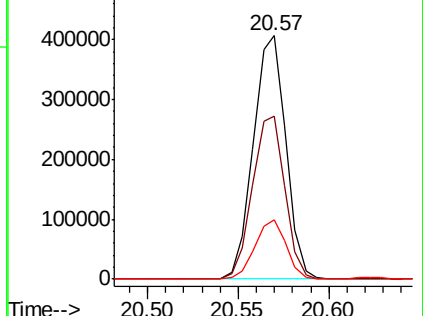
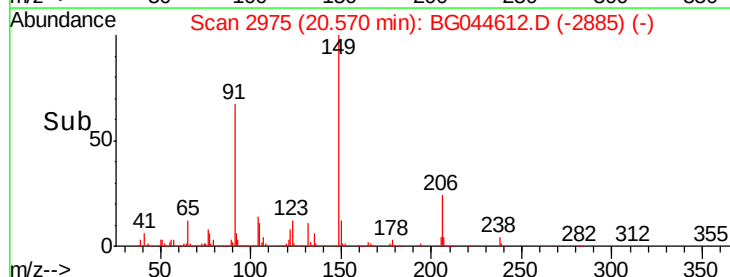
206 24.3 18.6 28.0

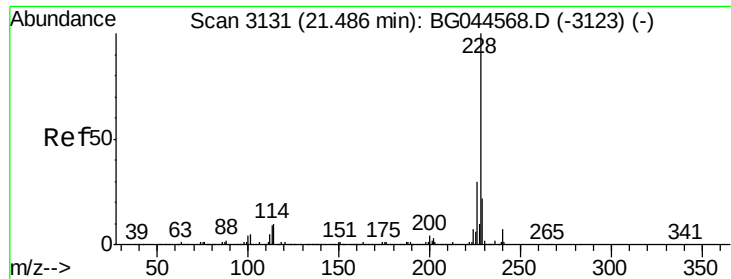


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

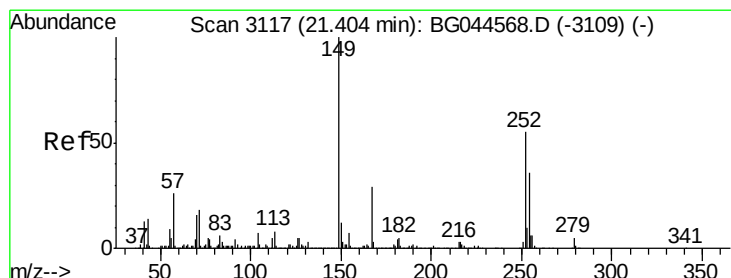
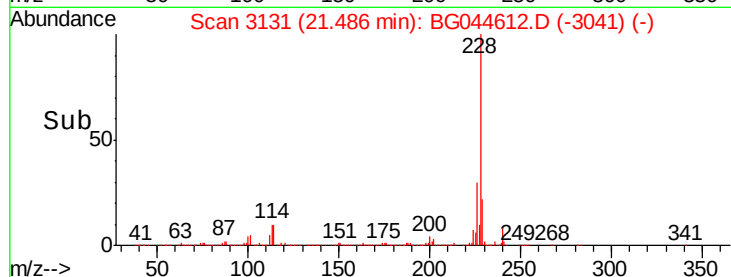
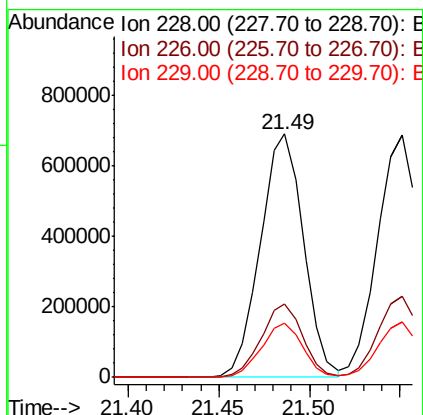
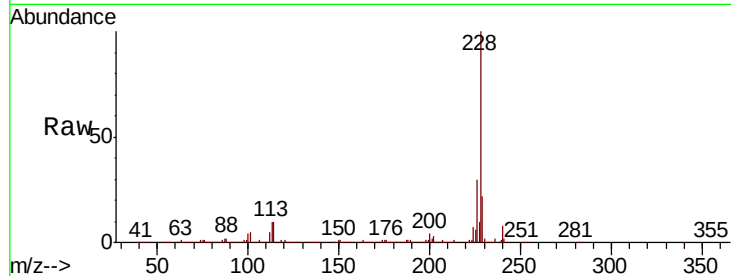




#81
Benzo(a)anthracene
Concen: 41.619 ng
RT: 21.49 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

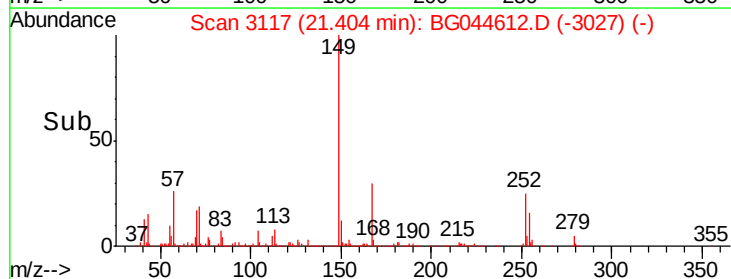
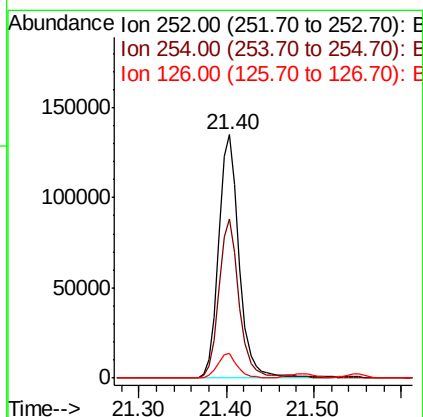
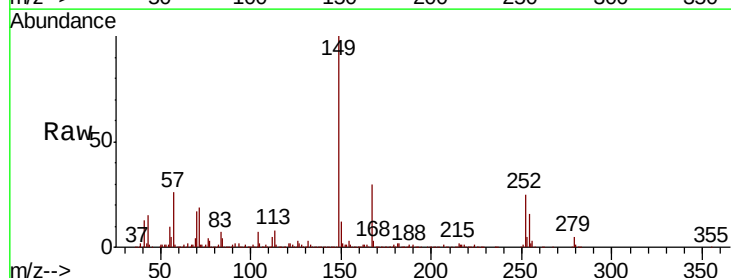
Instrument :
BNA_G
ClientSampled :

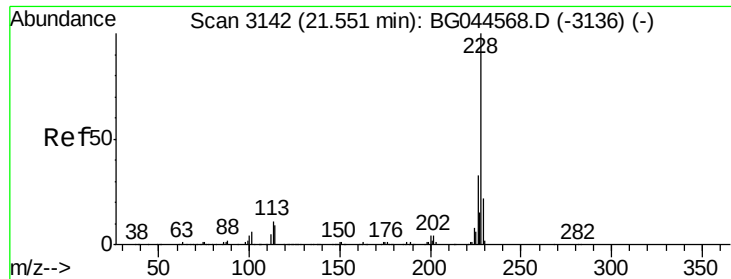
Tot Ion:228 Resp: 1144074
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 22.2 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 20.259 ng
RT: 21.40 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:252 Resp: 220013
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 9.9 7.8 11.6





#83

Chrysene

Concen: 41.254 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

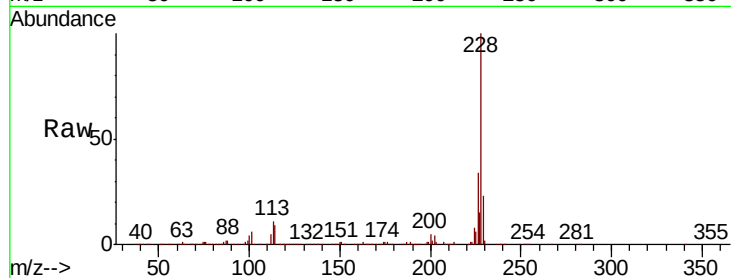
Tot Ion:228 Resp: 1096464

Ion Ratio Lower Upper

228 100

226 33.5 26.1 39.1

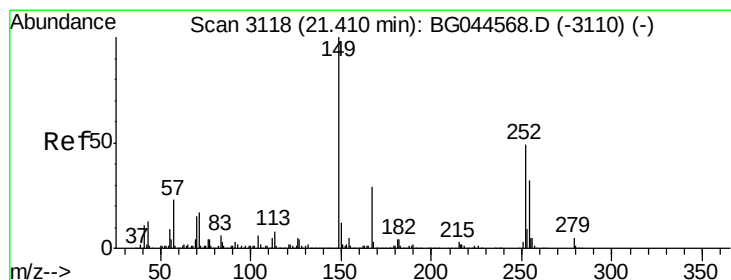
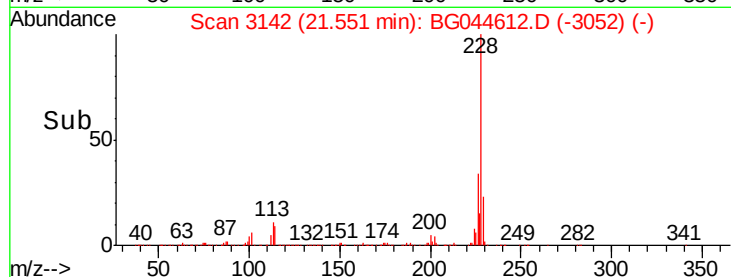
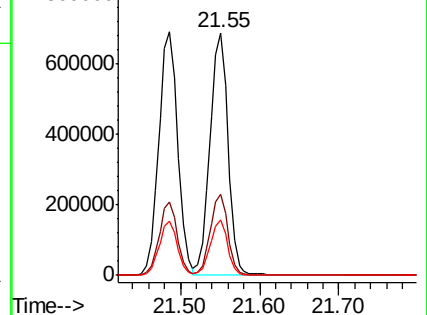
229 22.7 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.623 ng

RT: 21.40 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

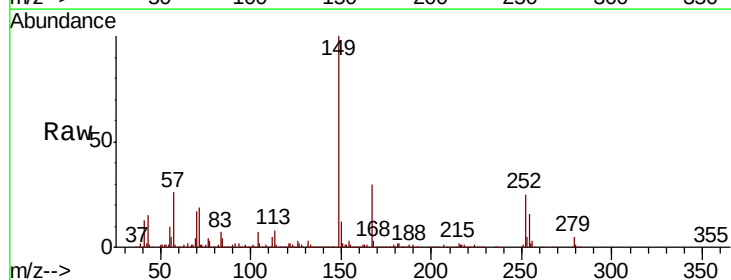
Tgt Ion:149 Resp: 729371

Ion Ratio Lower Upper

149 100

167 29.9 23.4 35.0

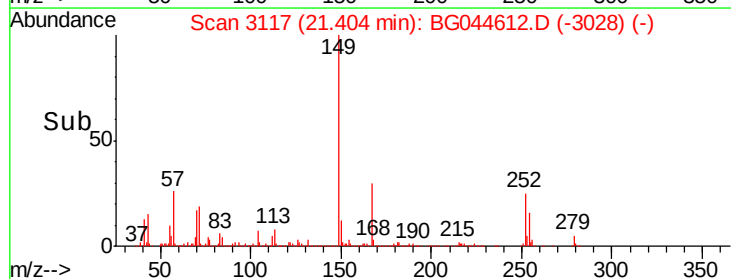
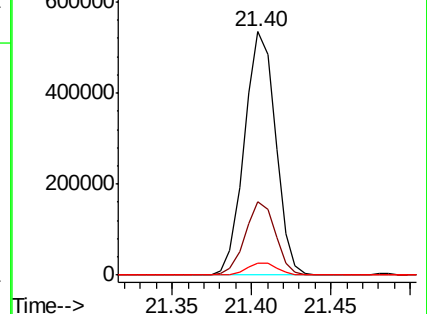
279 4.9 4.2 6.4

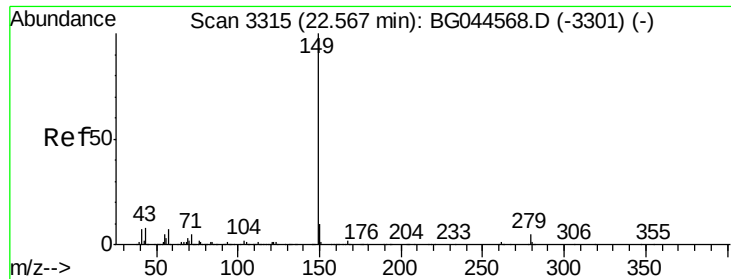


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

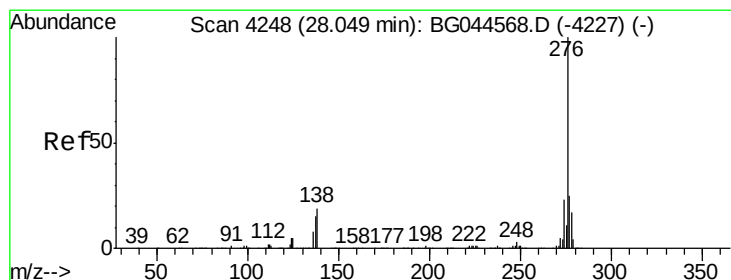
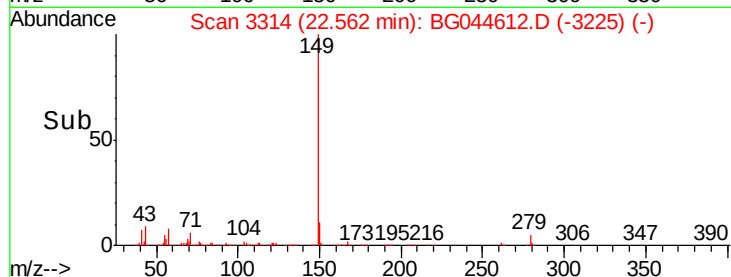
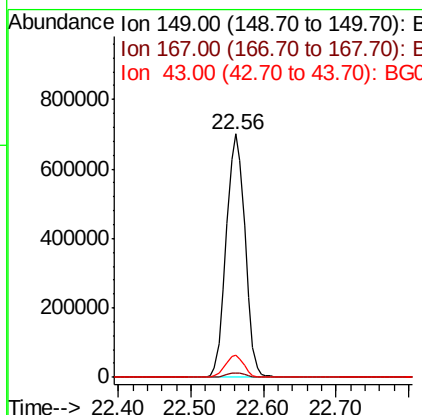
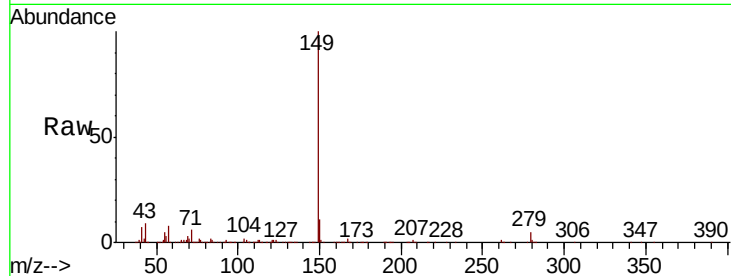




#85
 Di-n-octyl phthalate
 Concen: 42.053 ng
 RT: 22.56 min Scan# 3314
 Delta R.T. -0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

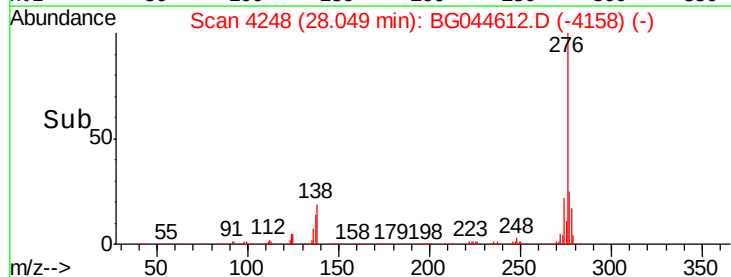
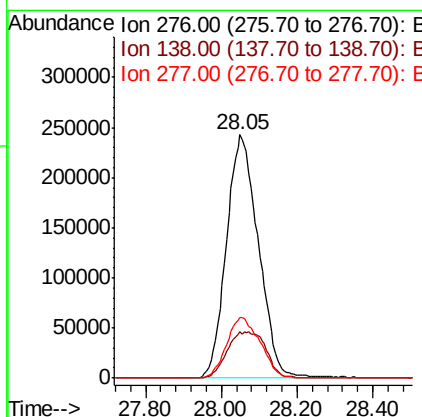
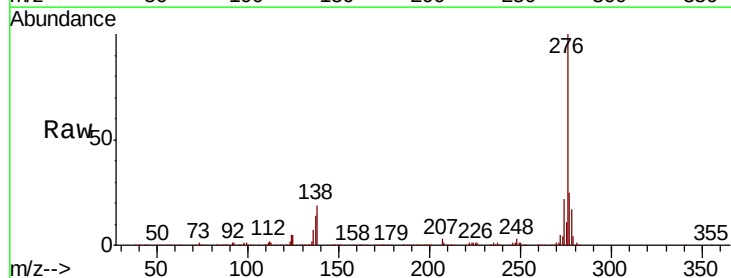
Instrument :
 BNA_G
 ClientSampleId :

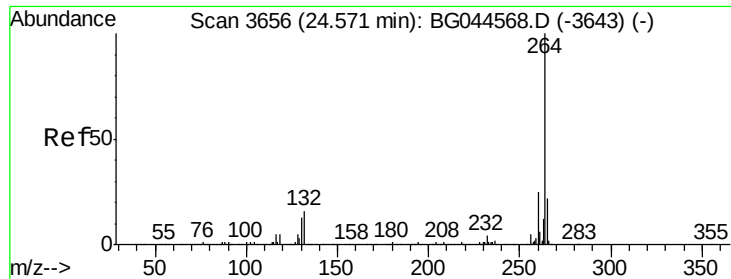
Tot Ion:149 Resp: 1266081
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.8 6.6 10.0



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 41.910 ng
 RT: 28.05 min Scan# 4248
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion:276 Resp: 1429528
 Ion Ratio Lower Upper
 276 100
 138 9.6 18.2 27.4#
 277 26.0 20.7 31.1

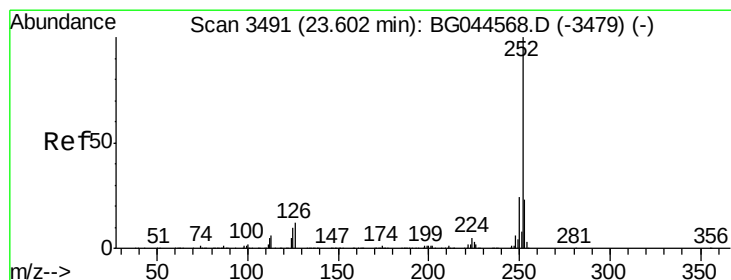
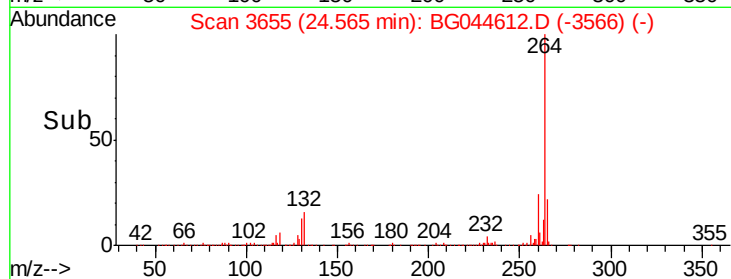
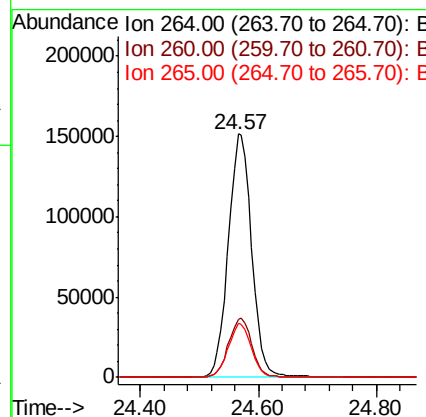
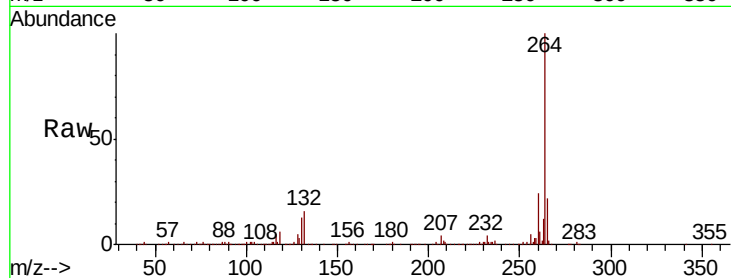




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

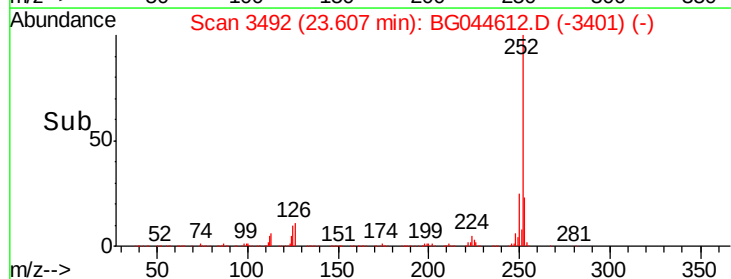
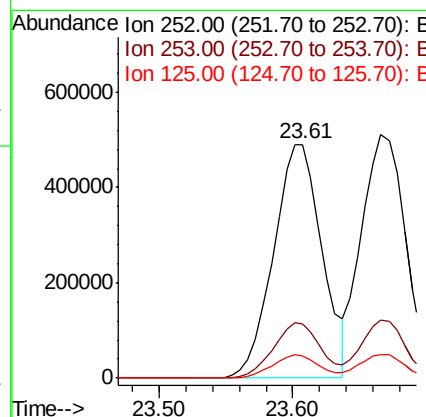
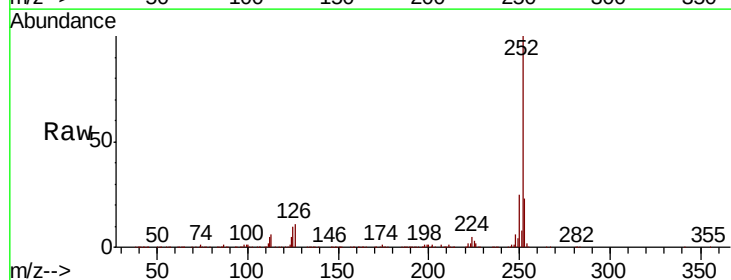
Instrument :
BNA_G
ClientSampleId :

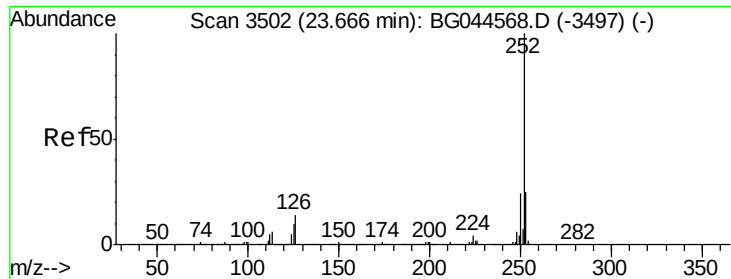
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.3	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 45.020 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	9.6	7.9	11.9

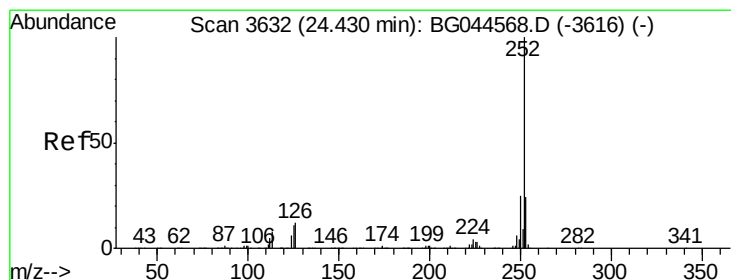
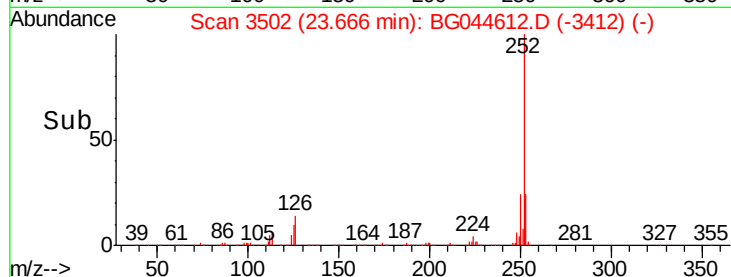
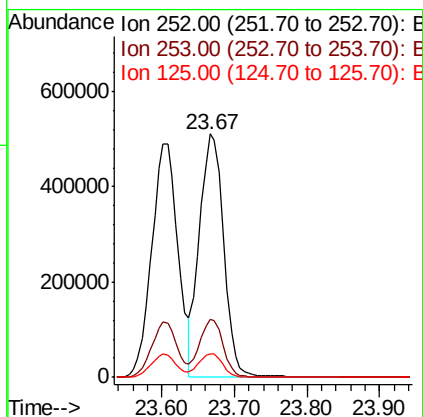
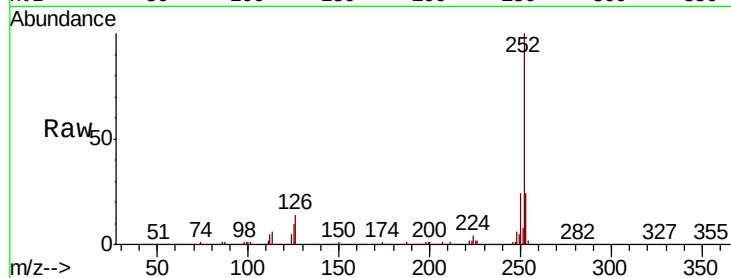




#89
Benzo(k)fluoranthene
Concen: 44.547 ng
RT: 23.67 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

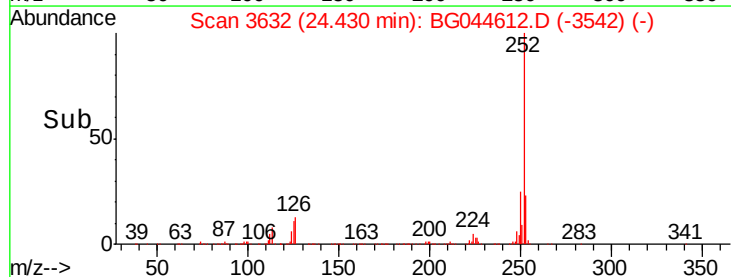
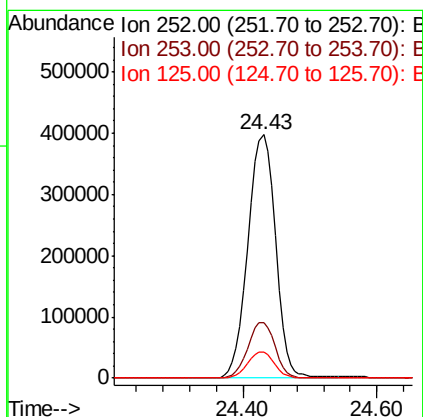
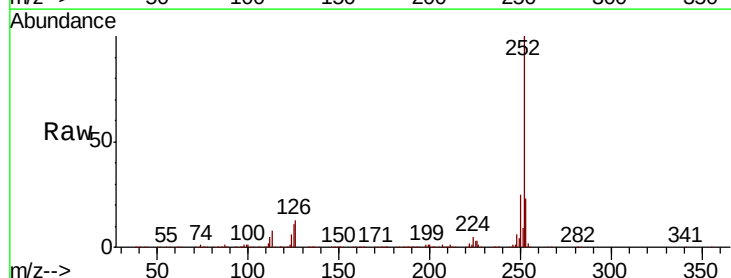
Instrument :
BNA_G
ClientSampleId :

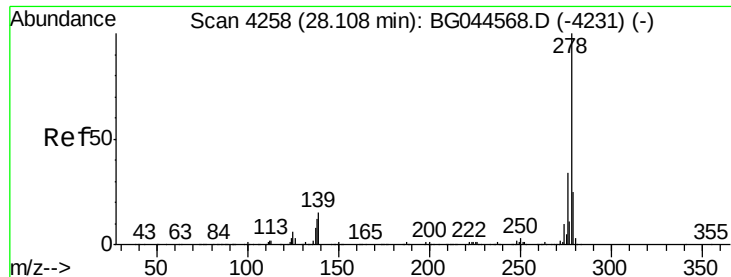
Tot Ion:252 Resp: 1186164
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.6
125 9.7 7.8 11.8



#90
Benzo(a)pyrene
Concen: 43.937 ng
RT: 24.43 min Scan# 3632
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:252 Resp: 1132887
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.4
125 10.8 8.5 12.7

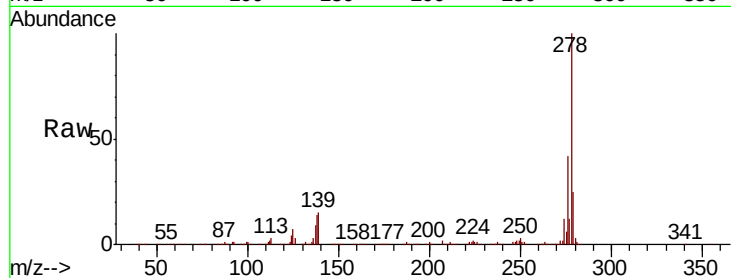




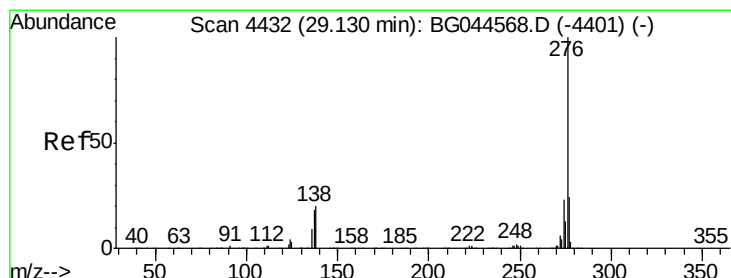
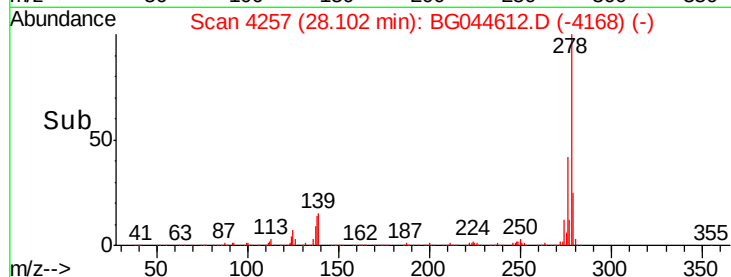
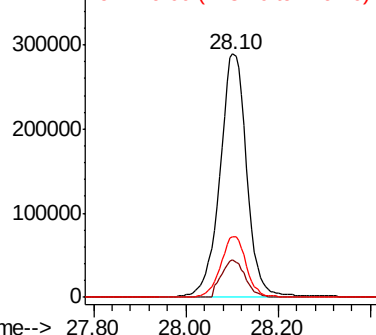
#91
Dibenzo(a,h)anthracene
Concen: 45.872 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1169743
Ion Ratio Lower Upper
278 100
139 15.4 11.7 17.5
279 25.1 19.8 29.6

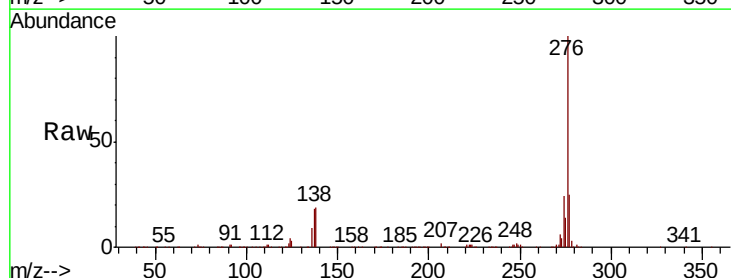


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.815 ng
RT: 29.14 min Scan# 4433
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:276 Resp: 1196069
Ion Ratio Lower Upper
276 100
277 24.6 19.5 29.3
138 19.5 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

