

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044570.D
 Acq On : 24 Feb 2020 13:52
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 14:40:01 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 14:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	65026	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	253795	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	161284	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	347120	20.00	ng	0.00
76) Chrysene-d12	21.50	240	315160	20.00	ng	0.00
87) Perylene-d12	24.57	264	361661	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	492774	133.74	ng	0.00
7) Phenol-d6	7.05	99	662029	133.80	ng	0.00
23) Nitrobenzene-d5	9.04	82	604623	134.50	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	281511	148.68	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1334439	138.55	ng	0.00
79) Terphenyl-d14	19.88	244	1917514	125.15	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.33	88	107779	65.106	ng	99
3) Pyridine	3.73	79	310073	70.304	ng	97
4) n-Nitrosodimethylamine	3.65	42	116143	63.018	ng	99
6) Aniline	7.20	93	404307	65.832	ng	97
8) 2-Chlorophenol	7.44	128	263533	65.080	ng	99
9) Benzaldehyde	7.01	77	181029	64.242	ng	99
10) Phenol	7.08	94	319211	65.190	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	270689	64.661	ng	97
12) 1,3-Dichlorobenzene	7.77	146	316572	65.477	ng	98
13) 1,4-Dichlorobenzene	7.91	146	315469	65.880	ng	99
14) 1,2-Dichlorobenzene	8.23	146	297184	65.659	ng	99
15) Benzyl Alcohol	8.11	79	226752	64.733	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	359480	63.444	ng	98
17) 2-Methylphenol	8.33	107	227232	65.041	ng	97
18) Hexachloroethane	8.95	117	116528	64.848	ng	95
19) n-Nitroso-di-n-propylamine	8.68	70	208631	63.270	ng	97
20) 3+4-Methylphenols	8.65	107	312261	64.855	ng	99
22) Acetophenone	8.70	105	387785	62.809	ng	# 99
24) Nitrobenzene	9.08	77	293006	66.764	ng	99
25) Isophorone	9.60	82	559913	66.824	ng	99
26) 2-Nitrophenol	9.79	139	164263	72.133	ng	98
27) 2,4-Dimethylphenol	9.86	122	223098	69.403	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	373613	66.842	ng	100
29) 2,4-Dichlorophenol	10.33	162	267785	68.894	ng	97
30) 1,2,4-Trichlorobenzene	10.54	180	310253	69.612	ng	100
31) Naphthalene	10.72	128	834712	67.789	ng	98
32) Benzoic acid	10.05	122	95553	55.727	ng	97
33) 4-Chloroaniline	10.83	127	372887	66.585	ng	97
34) Hexachlorobutadiene	11.02	225	192974	70.365	ng	99
35) Caprolactam	11.62	113	95514	67.082	ng	98
36) 4-Chloro-3-methylphenol	11.97	107	272007	66.746	ng	99
37) 2-Methylnaphthalene	12.34	142	615648	67.340	ng	98
38) 1-Methylnaphthalene	12.56	142	582244	67.551	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	335362	69.512	ng	100

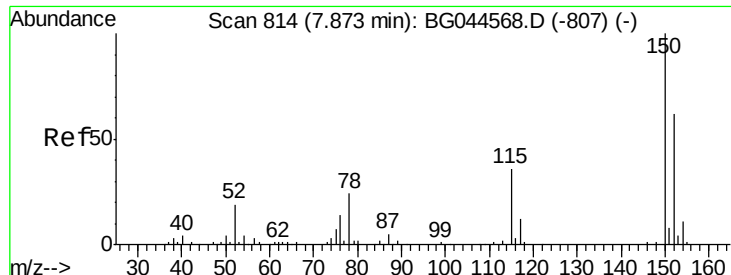
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044570.D
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 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 14:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	150412	64.974	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	220252	70.629	ng	100
44) 2,4,5-Trichlorophenol	13.03	196	227172	71.321	ng	97
46) 1,1'-Biphenyl	13.35	154	811604	69.764	ng	98
47) 2-Chloronaphthalene	13.39	162	633863	68.471	ng	99
48) 2-Nitroaniline	13.59	65	182475	66.791	ng	93
49) Acenaphthylene	14.24	152	927862	68.335	ng	99
50) Dimethylphthalate	13.98	163	782004	67.452	ng	100
51) 2,6-Dinitrotoluene	14.09	165	174781	67.614	ng	98
52) Acenaphthene	14.58	154	593081	67.388	ng	99
53) 3-Nitroaniline	14.42	138	193313	67.595	ng	99
54) 2,4-Dinitrophenol	14.64	184	96084	74.871	ng	95
55) Dibenzofuran	14.92	168	904335	67.867	ng	98
56) 4-Nitrophenol	14.75	139	139797	66.733	ng	97
57) 2,4-Dinitrotoluene	14.88	165	246110	67.929	ng	97
58) Fluorene	15.56	166	713171	67.952	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	204638	71.127	ng	98
60) Diethylphthalate	15.34	149	770630	66.709	ng	98
61) 4-Chlorophenyl-phenylether	15.56	204	389305	68.412	ng	99
62) 4-Nitroaniline	15.59	138	192412	67.331	ng	97
63) Azobenzene	15.85	77	658350	65.025	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	142949	74.604	ng	95
66) n-Nitrosodiphenylamine	15.78	169	654190	67.249	ng	97
67) 4-Bromophenyl-phenylether	16.45	248	261987	69.275	ng	99
68) Hexachlorobenzene	16.58	284	297450	70.204	ng	96
69) Atrazine	16.73	200	243424	73.007	ng	98
70) Pentachlorophenol	16.92	266	140334	71.476	ng	96
71) Phenanthrene	17.30	178	1151945	68.532	ng	99
72) Anthracene	17.40	178	1145989	68.960	ng	97
73) Carbazole	17.67	167	1037517	67.723	ng	99
74) Di-n-butylphthalate	18.23	149	1296028	68.458	ng	97
75) Fluoranthene	19.32	202	1354042	69.636	ng	98
77) Benzidine	19.49	184	695762	79.590	ng	96
78) Pyrene	19.68	202	1357068	67.050	ng	97
80) Butylbenzylphthalate	20.57	149	616757	66.868	ng	97
81) Benzo(a)anthracene	21.49	228	1335893	68.777	ng	98
82) 3,3'-Dichlorobenzidine	21.40	252	541481	71.829	ng	97
83) Chrysene	21.55	228	1294688	68.959	ng	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	826626	65.113	ng	98
85) Di-n-octyl phthalate	22.57	149	1473753	67.093	ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1703013	69.527	ng	99
88) Benzo(b)fluoranthene	23.61	252	1486729	71.340	ng	99
89) Benzo(k)fluoranthene	23.67	252	1384489	68.163	ng	99
90) Benzo(a)pyrene	24.44	252	1377698	69.919	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1368722	70.189	ng	99
92) Benzo(g,h,i)perylene	29.14	276	1359888	69.661	ng	99

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

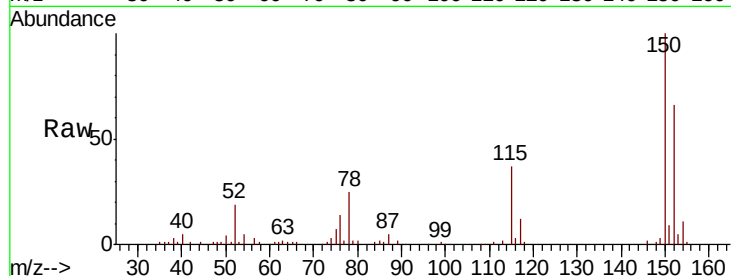


#1

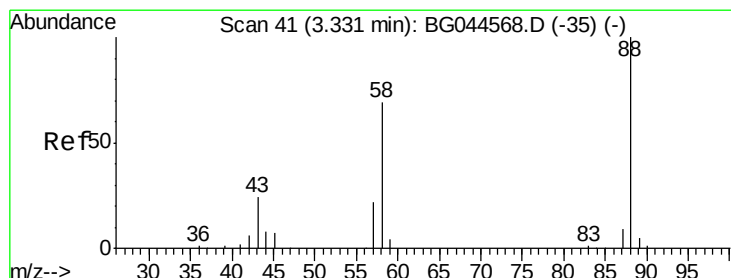
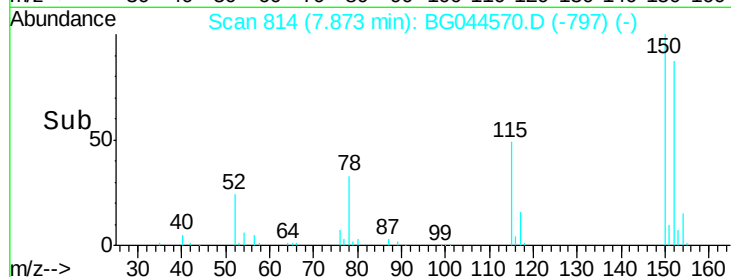
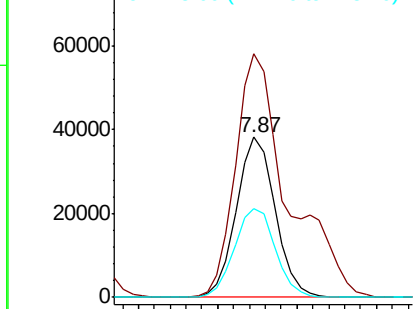
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	128.9	193.3
115	55.7	47.0	70.4



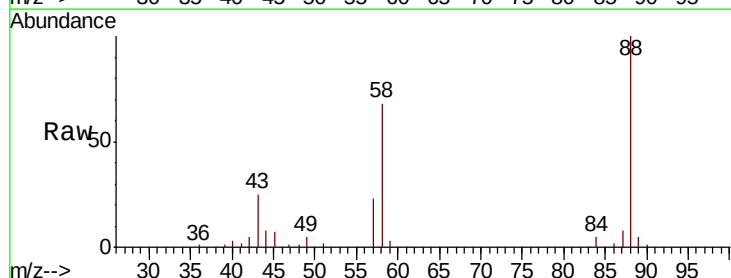
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



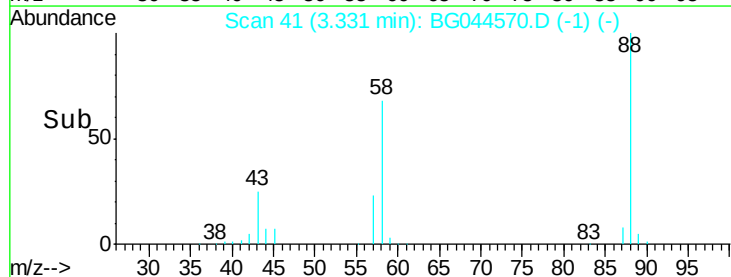
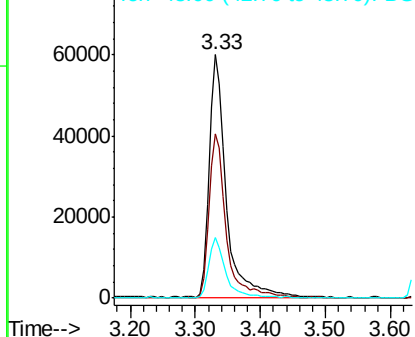
#2

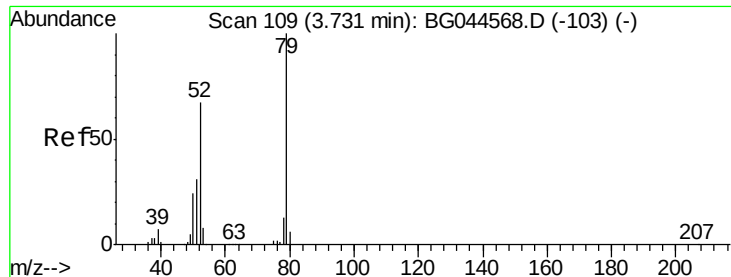
1,4-Dioxane
Concen: 65.106 ng
RT: 3.33 min Scan# 41
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	55.8	83.8
43	25.5	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: 70.304 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

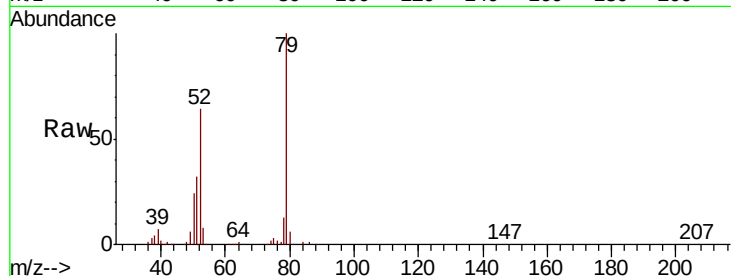
Tot Ion: 79 Resp: 310073

Ion Ratio Lower Upper

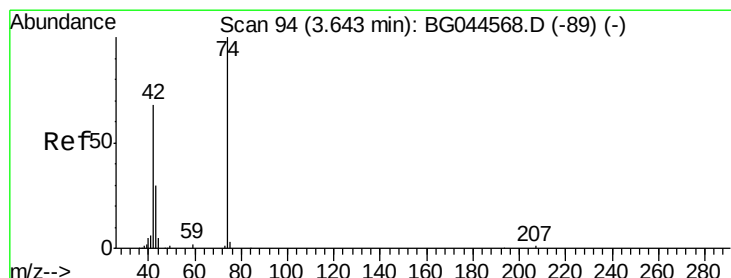
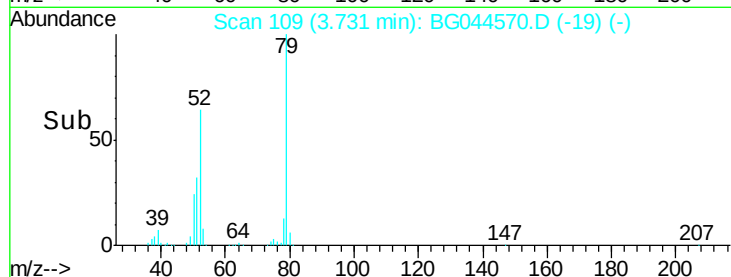
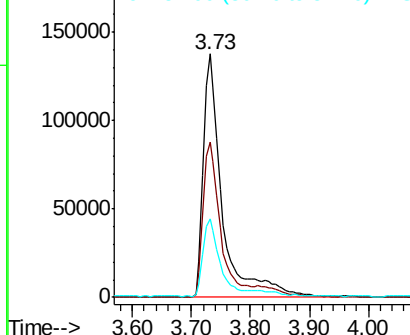
79 100

52 63.9 53.7 80.5

51 32.4 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: 63.018 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

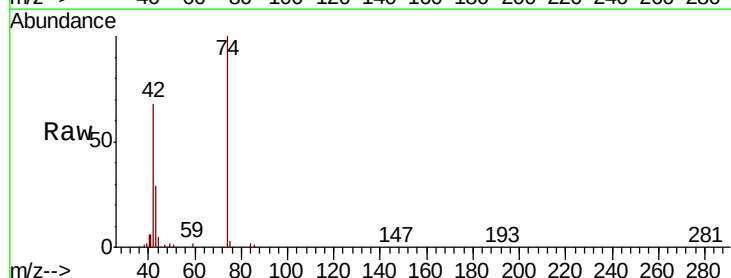
Tgt Ion: 42 Resp: 116143

Ion Ratio Lower Upper

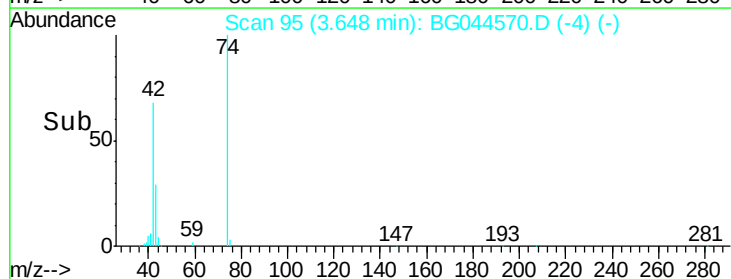
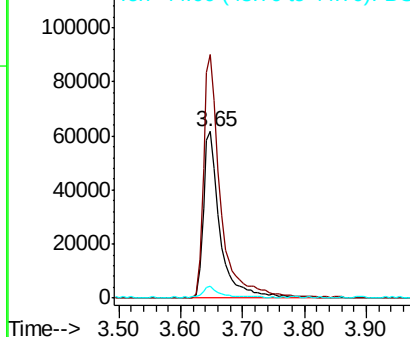
42 100

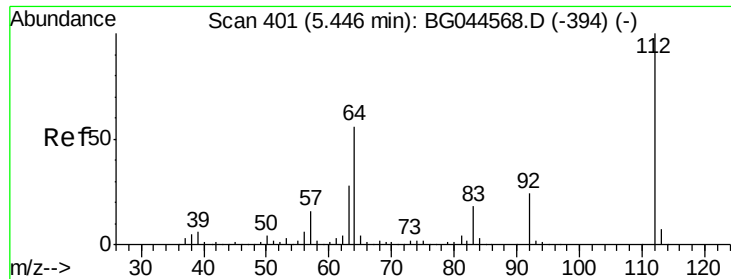
74 146.5 117.6 176.4

44 7.1 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: 133.742 ng

RT: 5.45 min Scan# 402

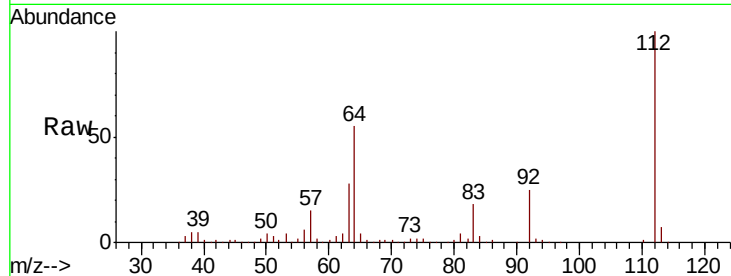
Delta R.T. 0.01 min

Lab File: BG044570.D

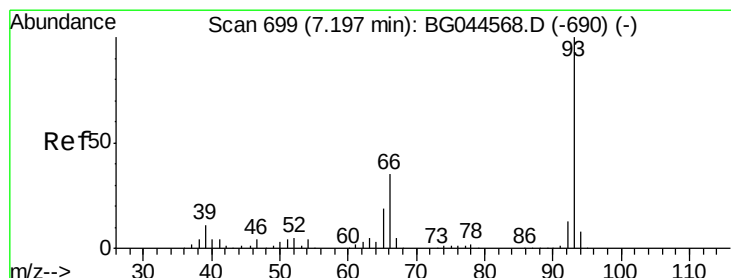
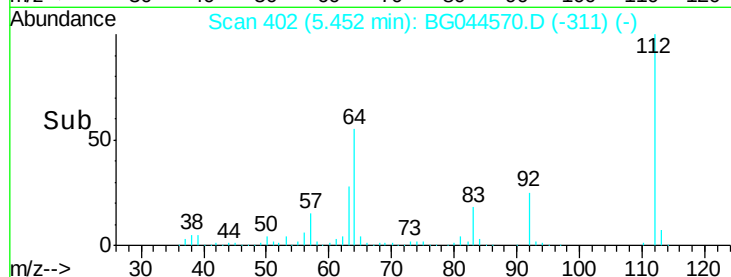
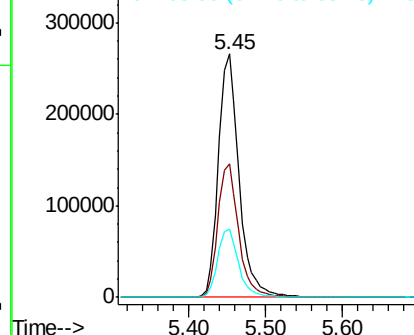
Acq: 24 Feb 2020 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	492774
Ion	Ratio	Lower	Upper
112	100		
64	54.9	44.8	67.2
63	28.2	22.3	33.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 65.832 ng

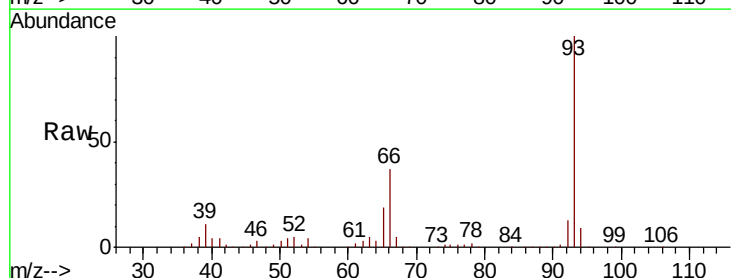
RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

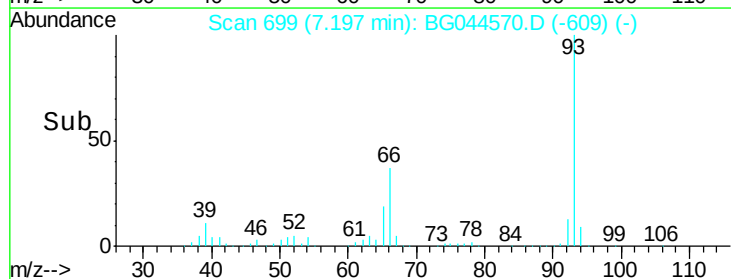
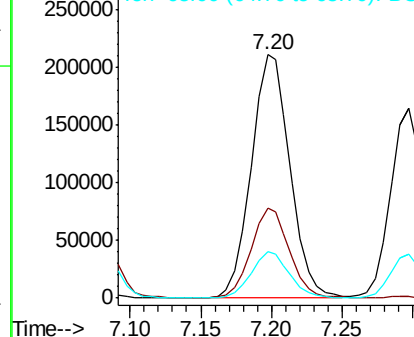
Lab File: BG044570.D

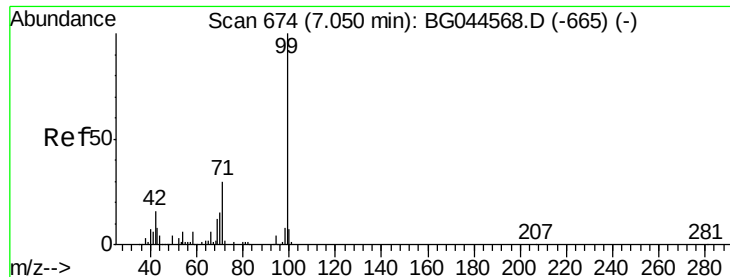
Acq: 24 Feb 2020 13:52

Tgt Ion:	93	Resp:	404307
Ion	Ratio	Lower	Upper
93	100		
66	36.8	27.8	41.8
65	19.0	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: 133.804 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

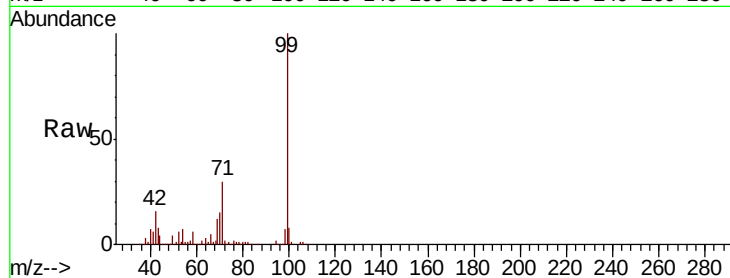
Tot Ion: 99 Resp: 662029

Ion Ratio Lower Upper

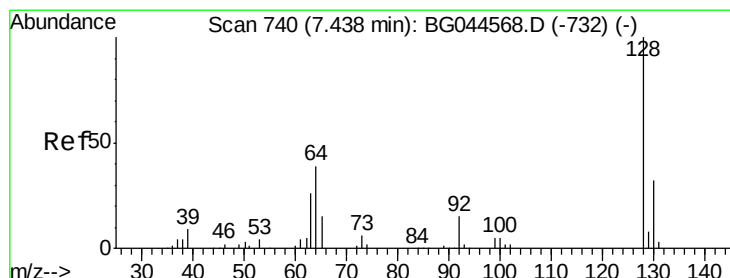
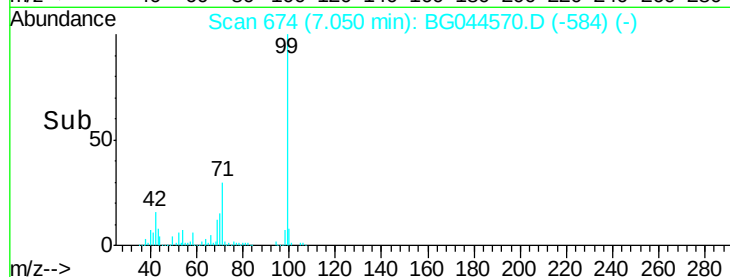
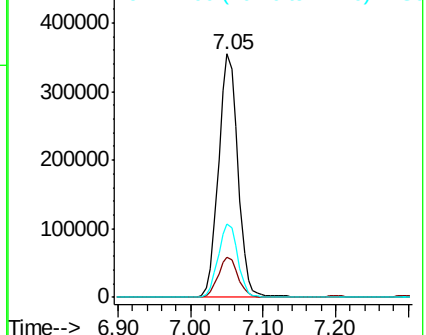
99 100

42 16.3 12.8 19.2

71 30.3 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: 65.080 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

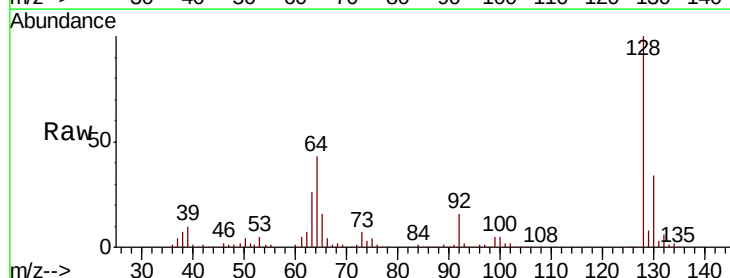
Tgt Ion: 128 Resp: 263533

Ion Ratio Lower Upper

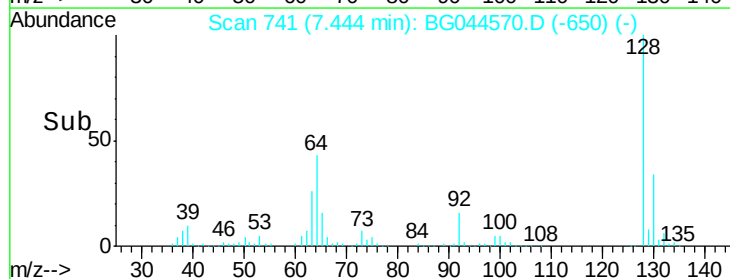
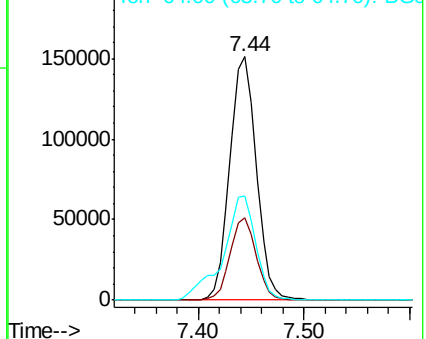
128 100

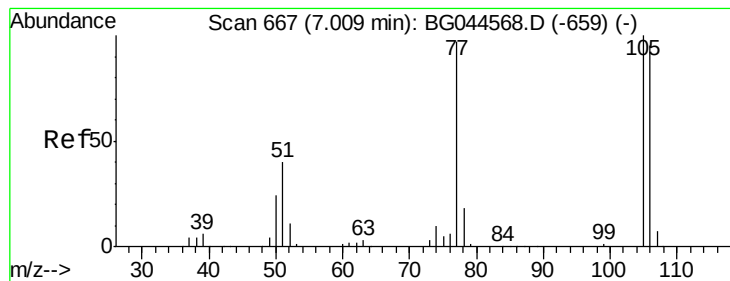
130 33.6 12.3 52.3

64 43.0 22.5 62.5



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





#9

Benzaldehyde

Concen: 64.242 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampled :

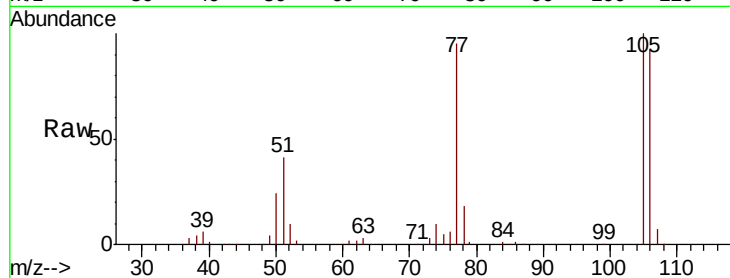
Tot Ion: 77 Resp: 181029

Ion Ratio Lower Upper

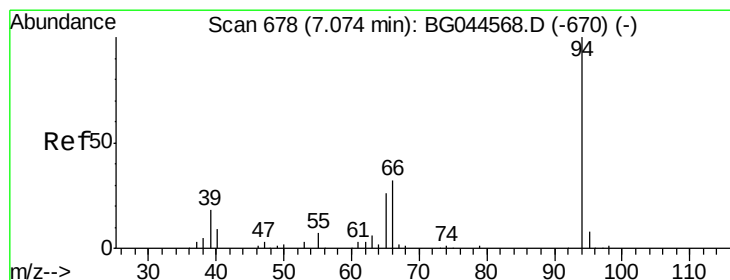
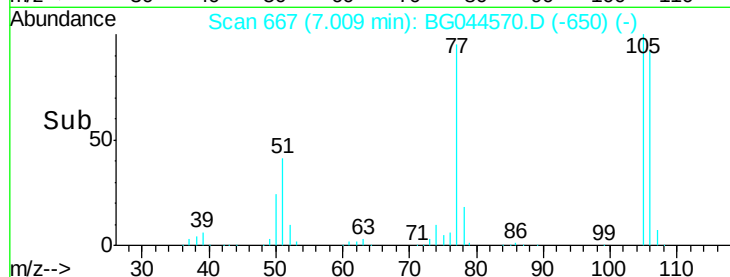
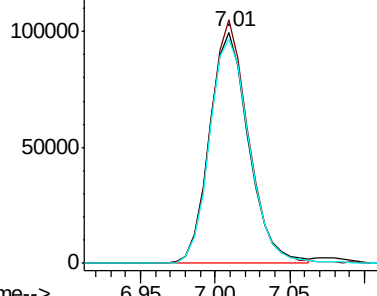
77 100

105 105.3 83.6 123.6

106 96.9 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: 65.190 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

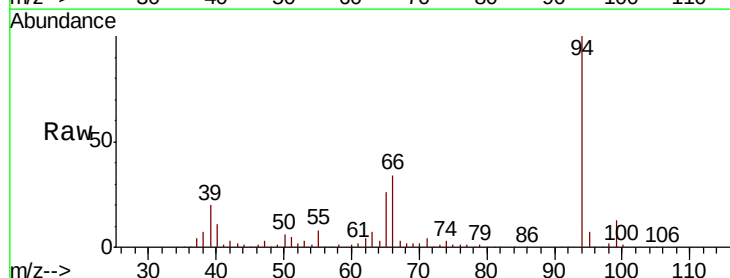
Tgt Ion: 94 Resp: 319211

Ion Ratio Lower Upper

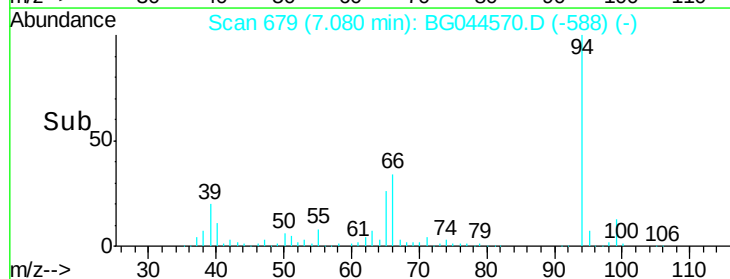
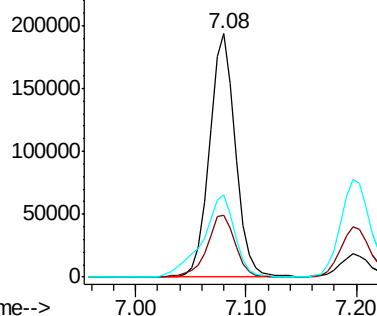
94 100

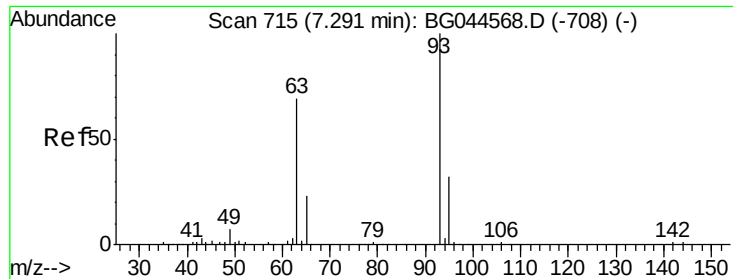
65 25.6 6.4 46.4

66 34.0 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

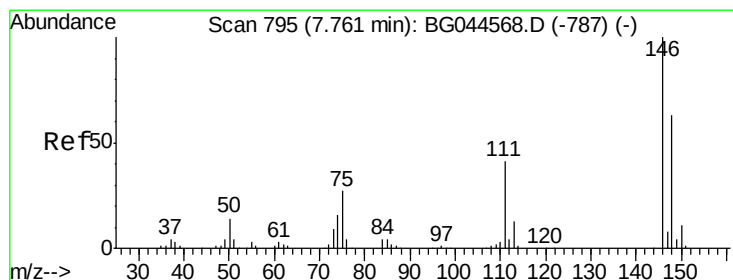
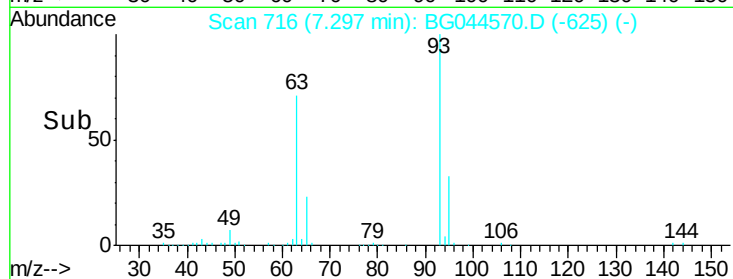
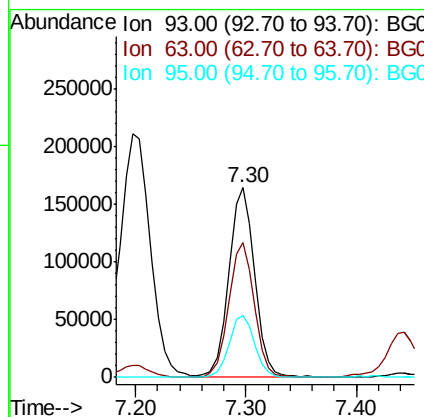
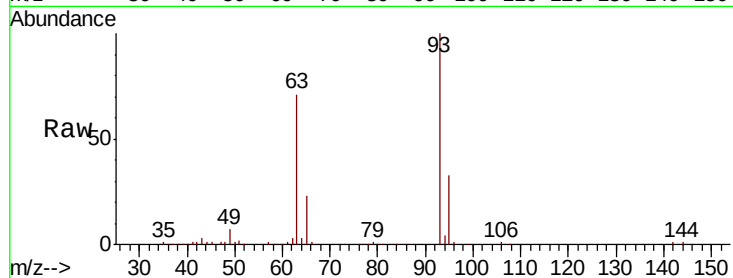




#11
bis(2-Chloroethyl)ether
Concen: 64.661 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

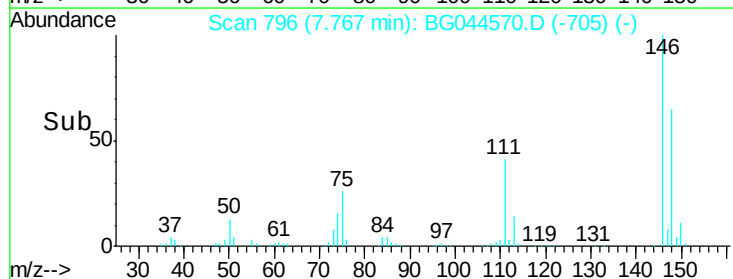
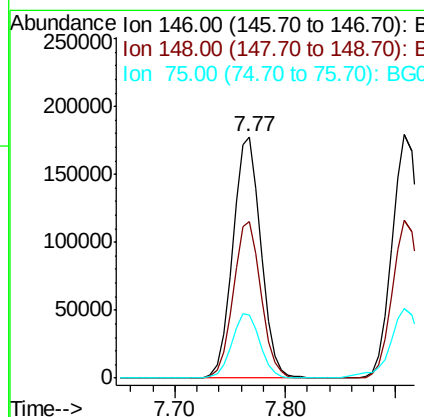
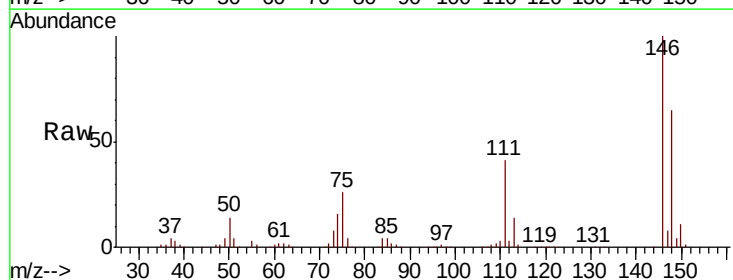
Instrument :
BNA_G
ClientSampleId :

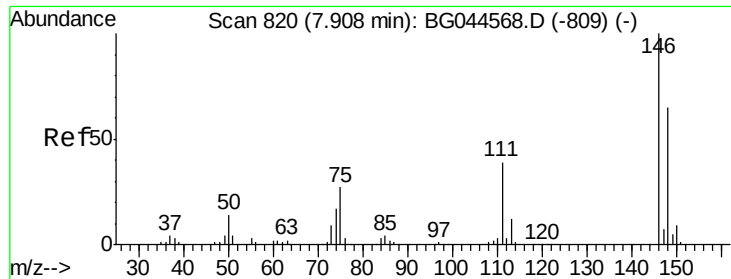
Tot Ion	93	Resp	270689
Ion	Ratio	Lower	Upper
93	100		
63	71.2	48.9	88.9
95	32.9	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 65.477 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion	146	Resp	316572
Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
75	26.0	21.4	32.0

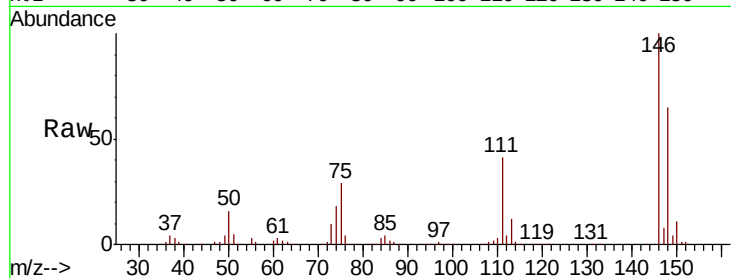




#13
 1,4-Dichlorobenzene
 Concen: 65.880 ng
 RT: 7.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	40.7	30.8	46.2

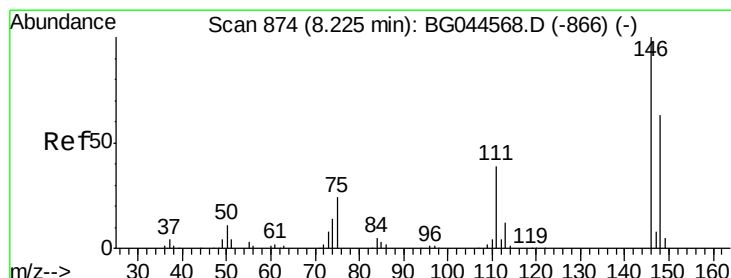
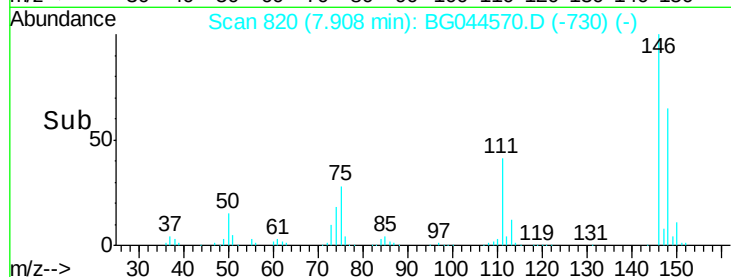
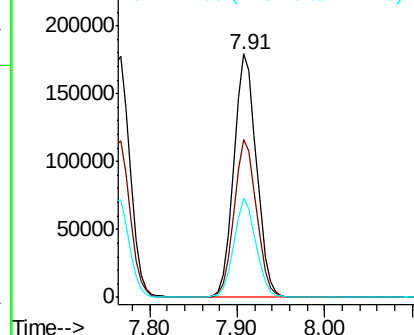


Abundance

Ion 146.00 (145.70 to 146.70): E

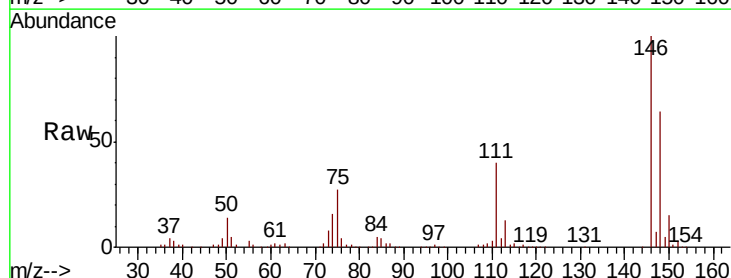
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 65.659 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.7	76.1
111	40.5	31.8	47.6

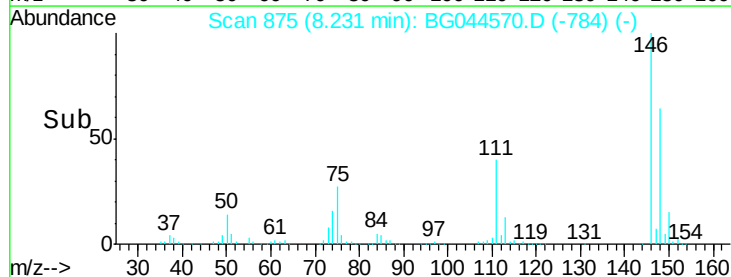
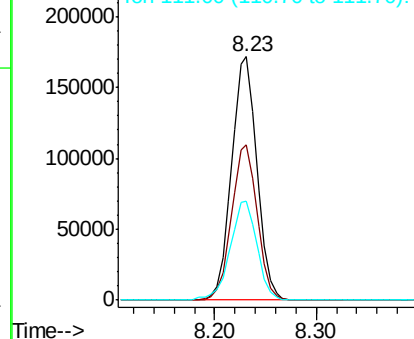


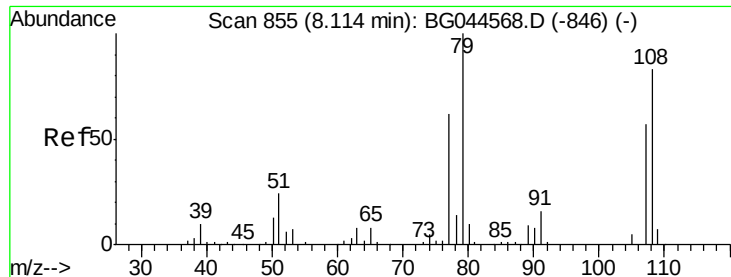
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 64.733 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

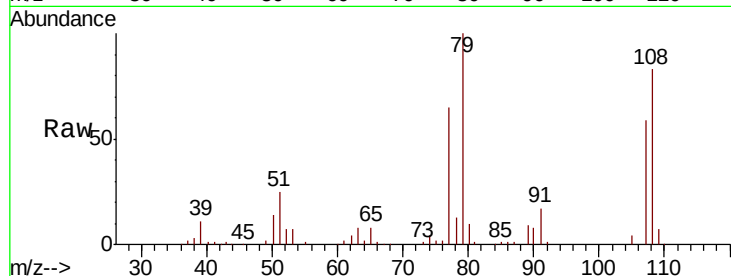
Tot Ion: 79 Resp: 226752

Ion Ratio Lower Upper

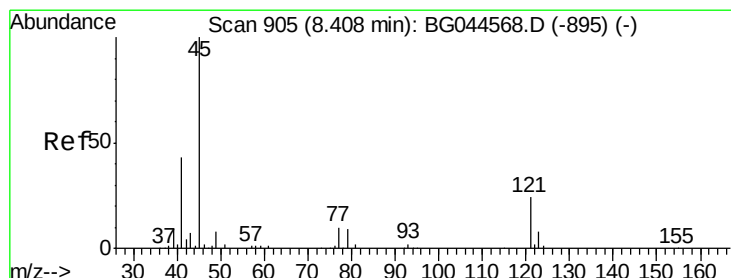
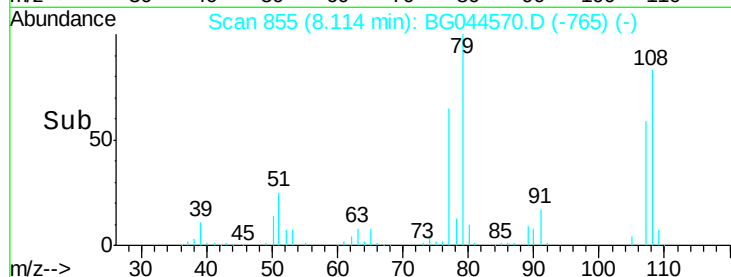
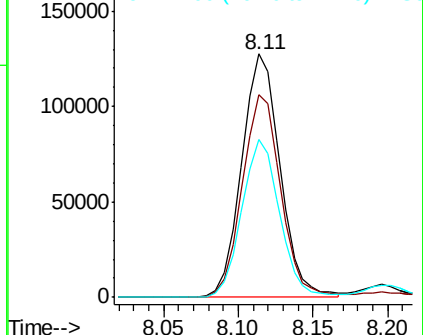
79 100

108 83.4 66.0 99.0

77 65.1 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.444 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

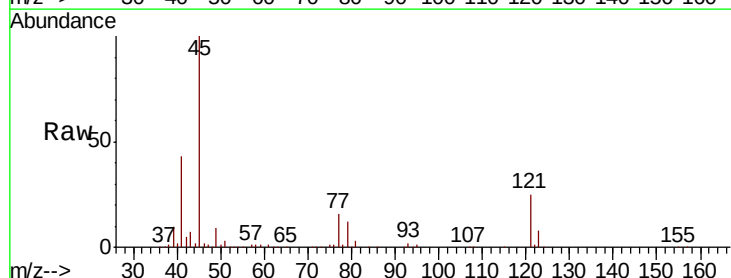
Tgt Ion: 45 Resp: 359480

Ion Ratio Lower Upper

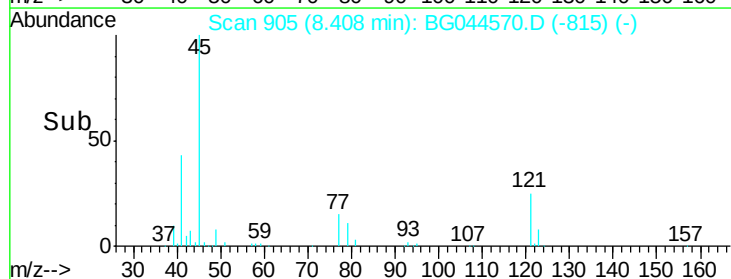
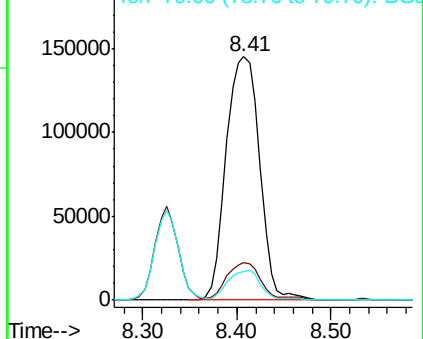
45 100

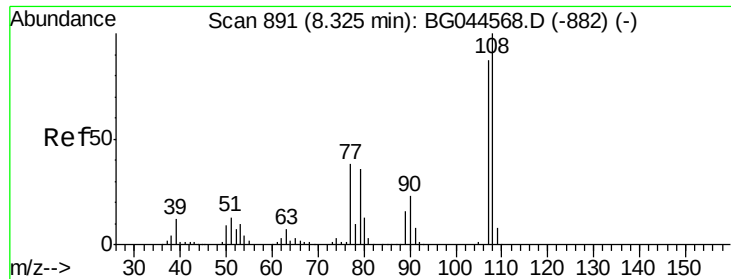
77 15.6 0.0 34.4

79 11.9 0.0 32.3



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

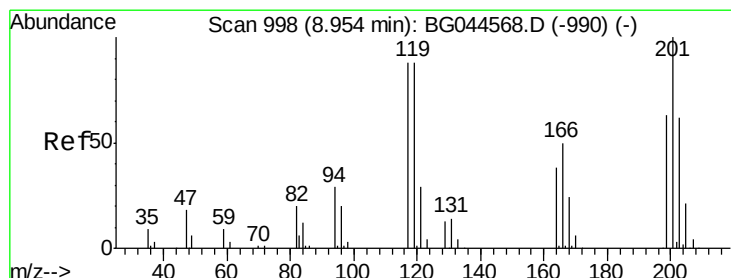
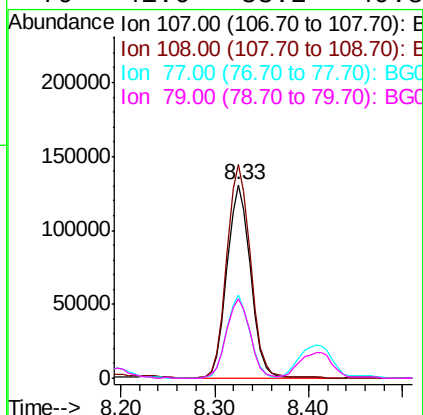
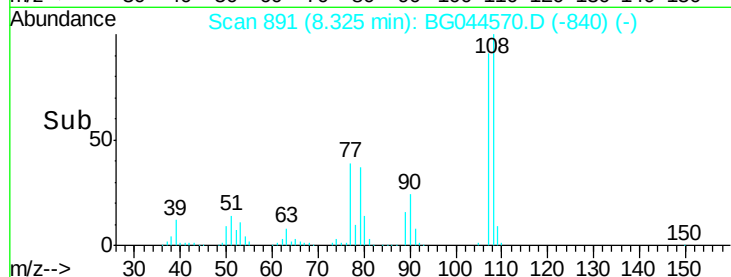
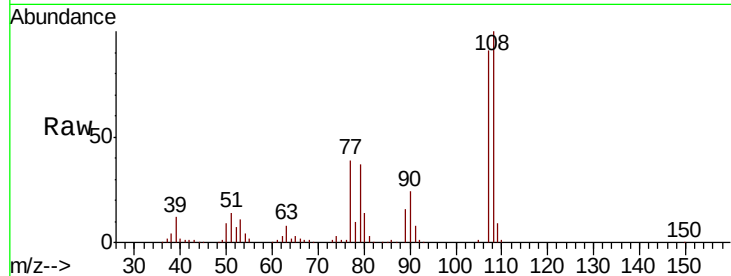




#17
2-Methylphenol
Concen: 65.041 ng
RT: 8.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

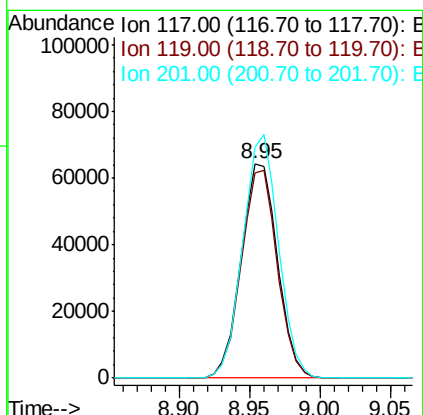
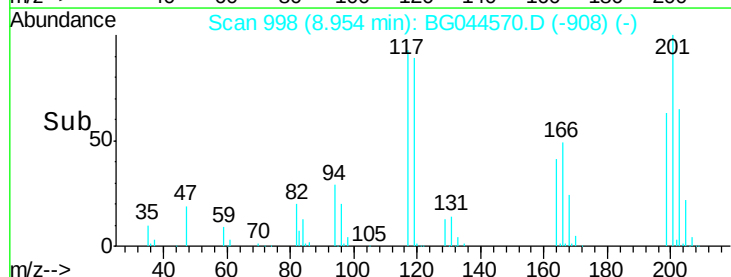
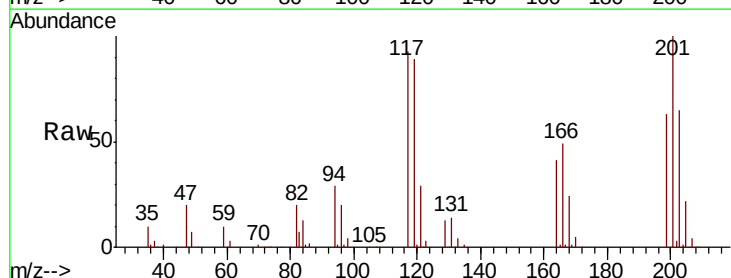
Instrument :
BNA_G
ClientSampled :

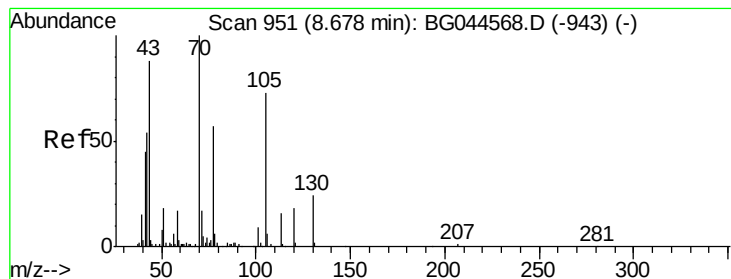
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.7	137.5
77	43.0	35.1	52.7
79	41.0	33.2	49.8



#18
Hexachloroethane
Concen: 64.848 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	80.0	120.0
201	107.8	90.5	135.7





#19

n-Nitroso-di-n-propylamine

Concen: 63.270 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 208631

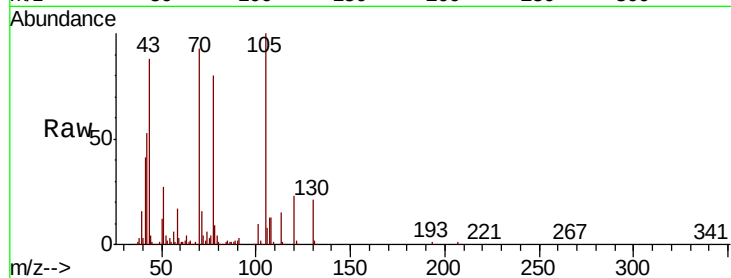
Ion Ratio Lower Upper

70 100

42 57.5 43.4 65.0

101 10.6 7.5 11.3

130 23.2 18.9 28.3

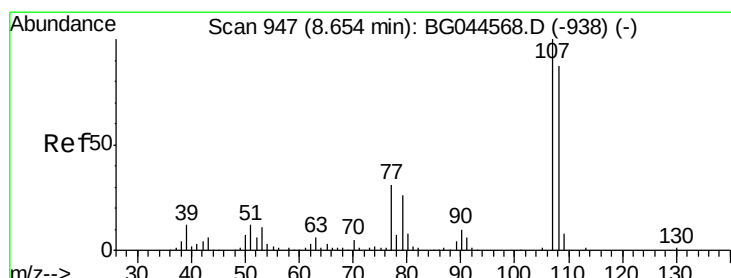
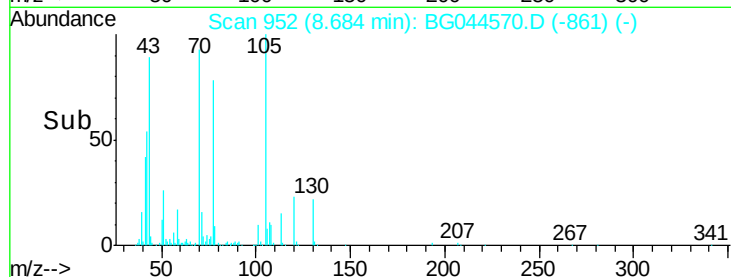
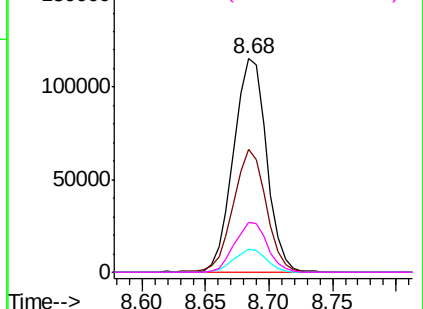


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 64.855 ng

RT: 8.65 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Tgt Ion: 107 Resp: 312261

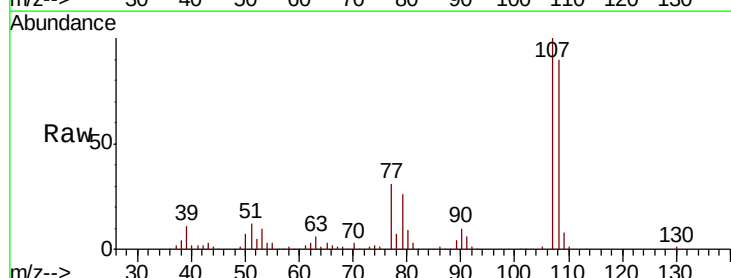
Ion Ratio Lower Upper

107 100

108 89.7 67.5 107.5

77 31.3 11.3 51.3

79 26.3 6.4 46.4

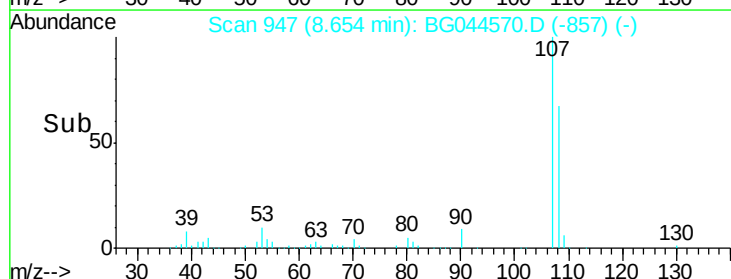
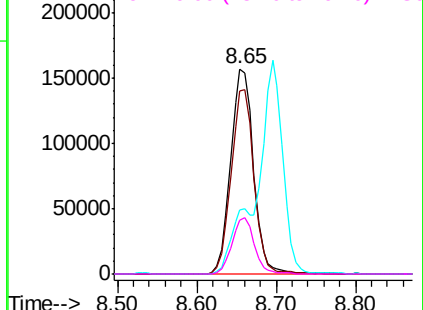


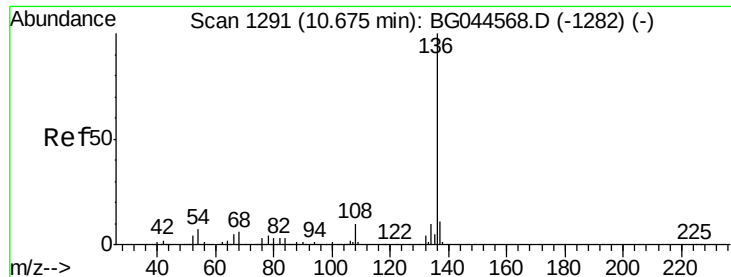
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

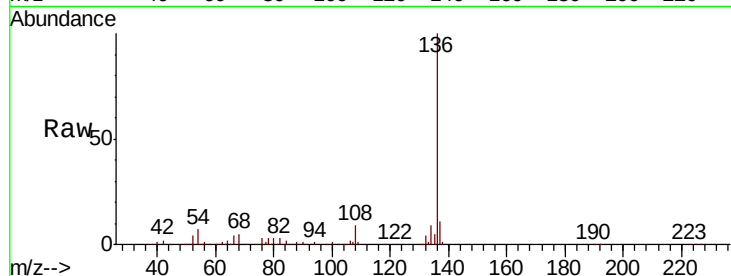




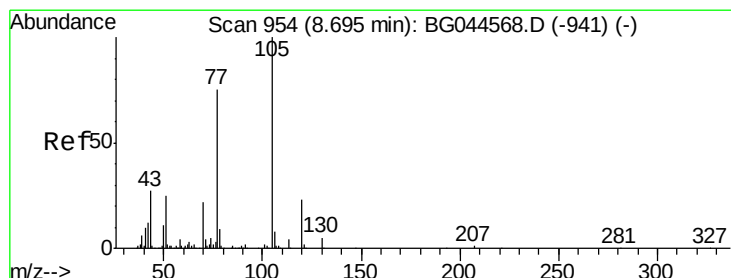
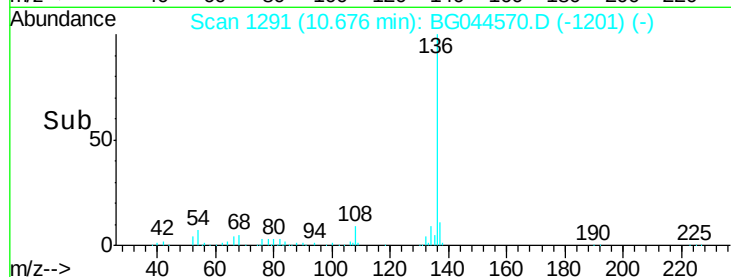
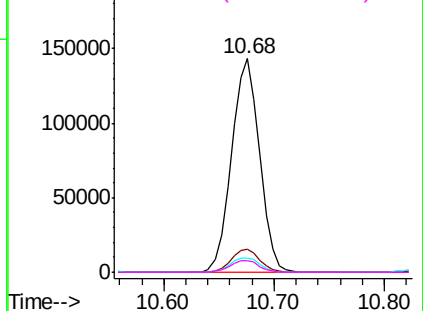
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	253795
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 6.7	5.7	8.5
68 5.3	4.5	6.7

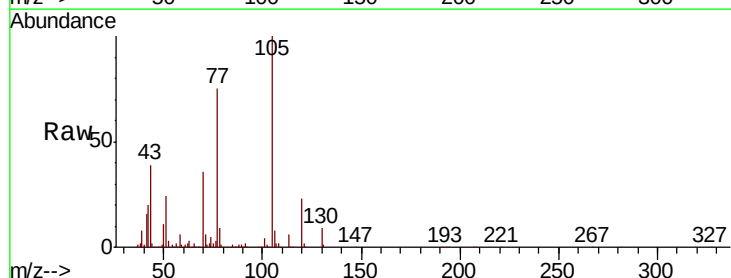


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

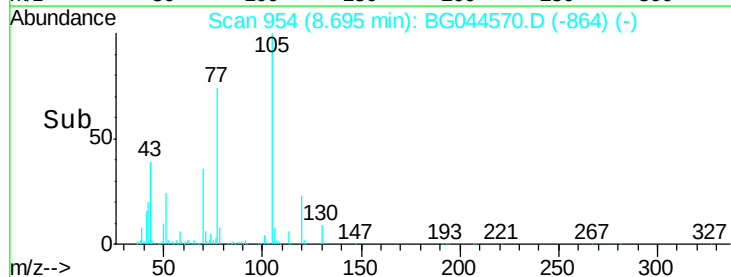
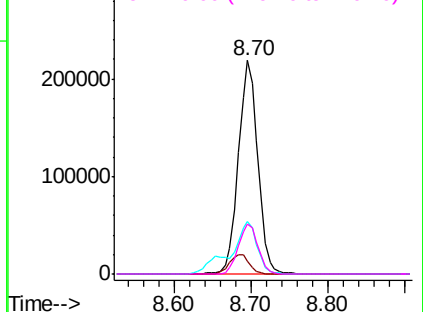


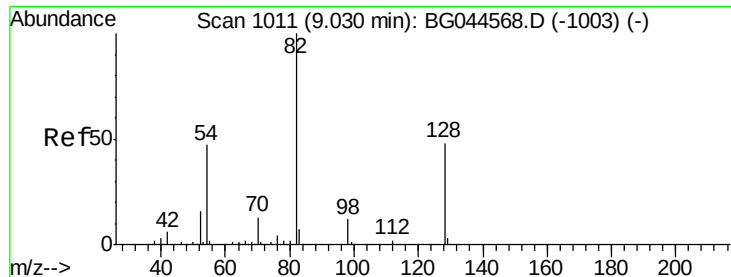
#22
Acetophenone
Concen: 62.809 ng
RT: 8.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt	Ion:105	Resp:	387785
Ion	Ratio	Lower	Upper
105	100		
71	6.1	2.8	4.2#
51	24.5	19.9	29.9
120	23.4	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

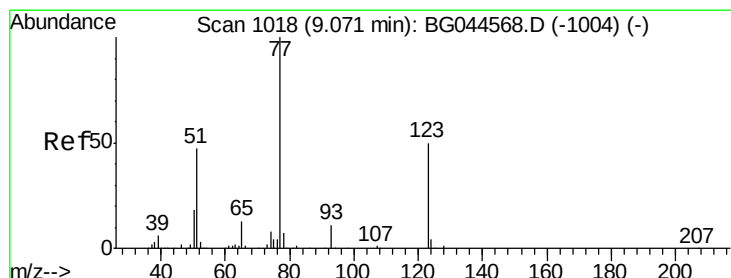
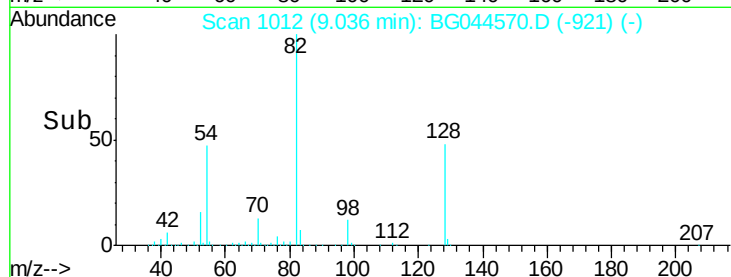
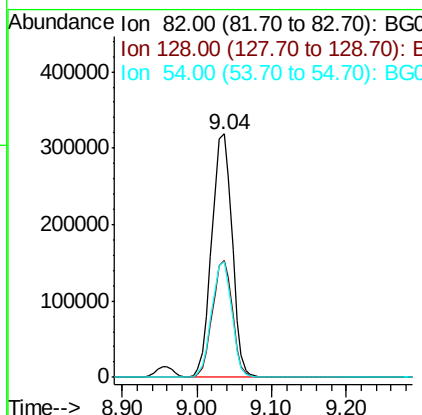
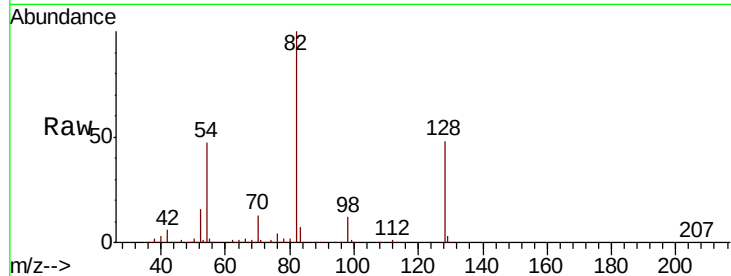




#23
 Nitrobenzene-d5
 Concen: 134.497 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

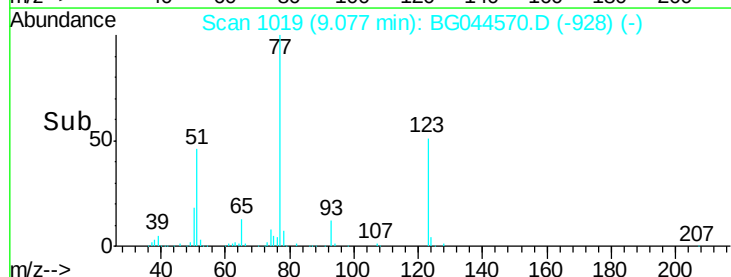
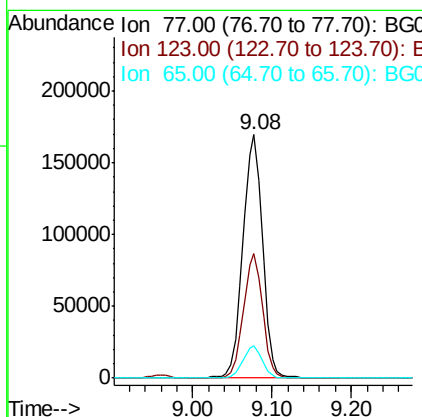
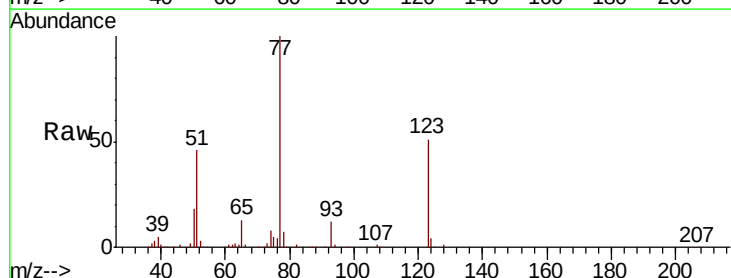
Instrument :
 BNA_G
 ClientSampleId :

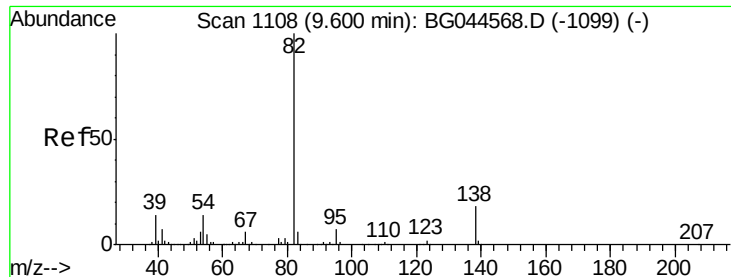
Tot Ion	82	Resp	604623
Ion Ratio	100	Lower	Upper
128	48.1	38.1	57.1
54	47.2	37.5	56.3



#24
 Nitrobenzene
 Concen: 66.764 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion	77	Resp	293006
Ion Ratio	100	Lower	Upper
123	51.1	40.1	60.1
65	13.1	10.4	15.6





#25

Isophorone

Concen: 66.824 ng

RT: 9.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

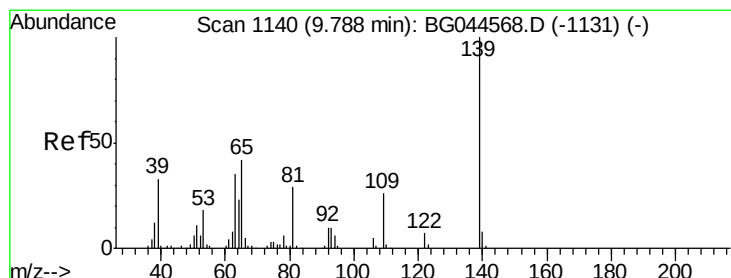
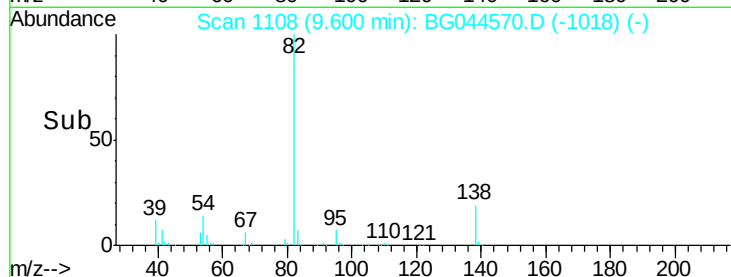
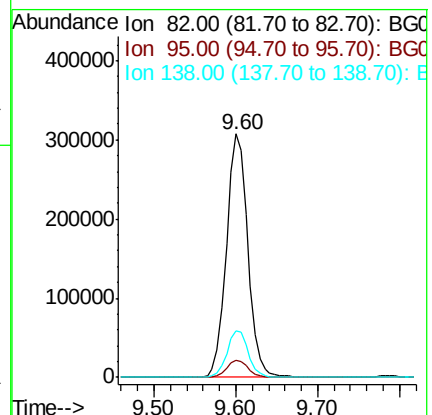
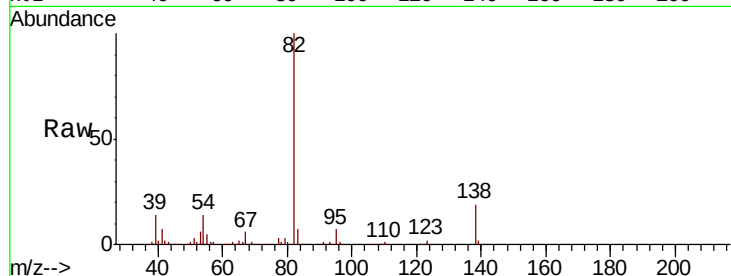
Tot Ion: 82 Resp: 559913

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 18.9 14.7 22.1



#26

2-Nitrophenol

Concen: 72.133 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

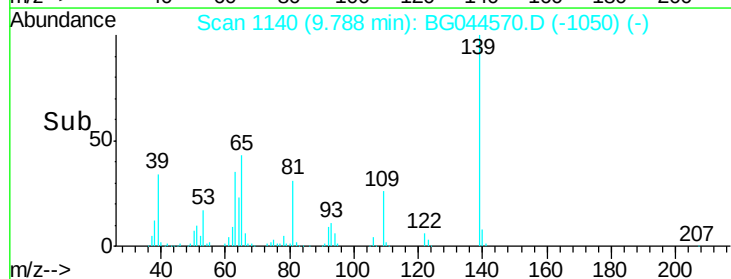
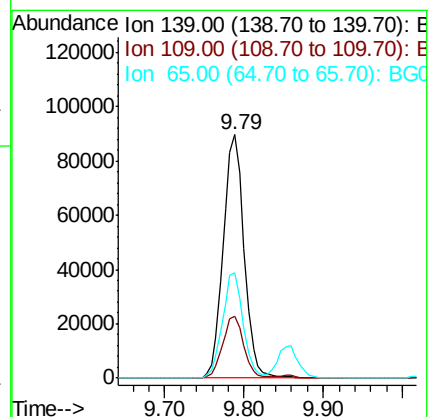
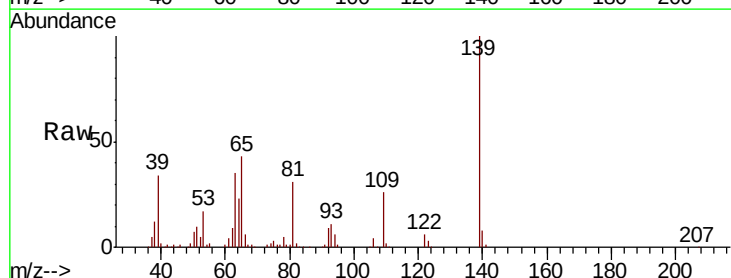
Tgt Ion: 139 Resp: 164263

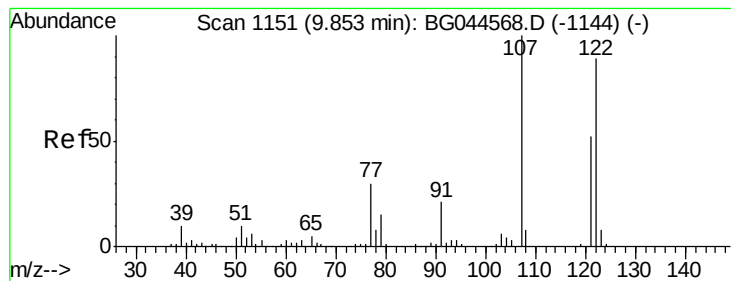
Ion Ratio Lower Upper

139 100

109 25.6 20.6 31.0

65 43.3 33.3 49.9





#27

2,4-Dimethylphenol

Concen: 69.403 ng

RT: 9.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

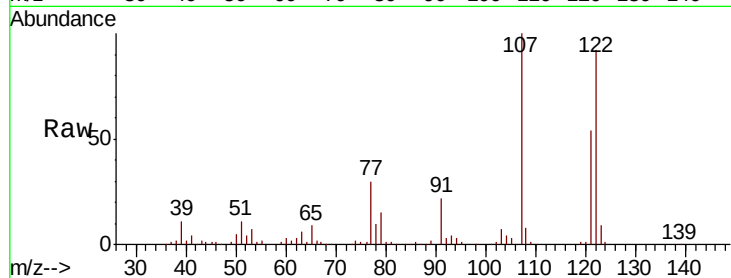
Tot Ion:122 Resp: 223098

Ion Ratio Lower Upper

122 100

107 108.6 89.4 134.0

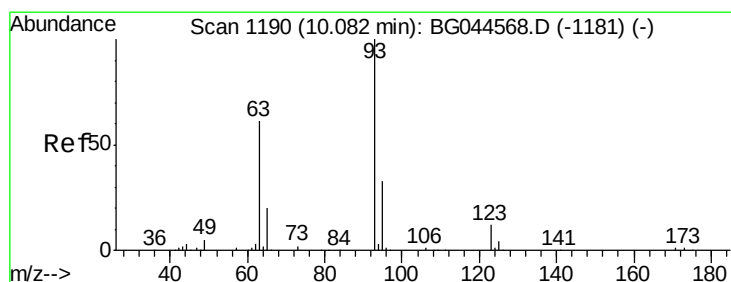
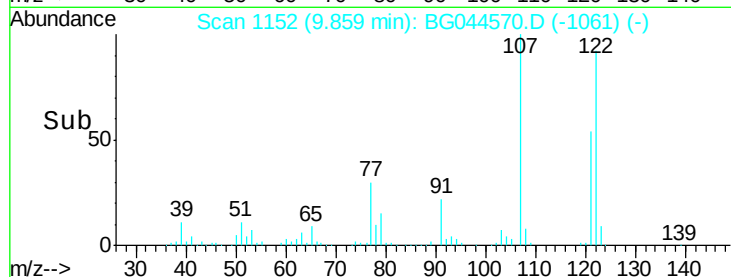
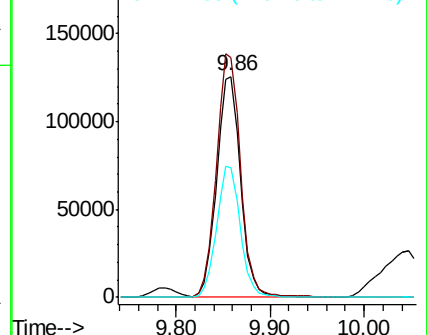
121 58.9 46.5 69.7



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: 66.842 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

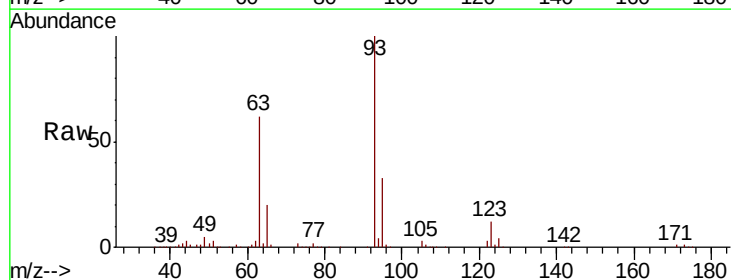
Tgt Ion: 93 Resp: 373613

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

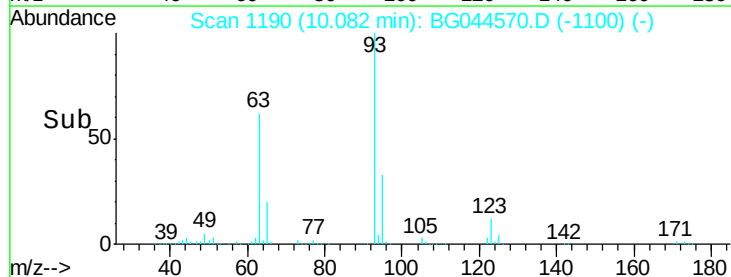
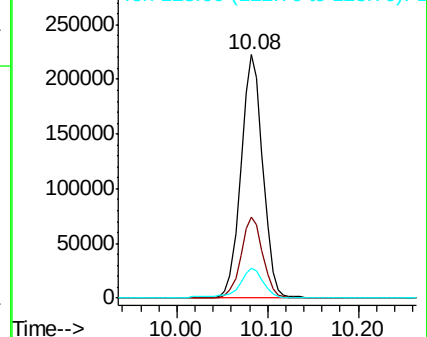
123 12.2 9.7 14.5

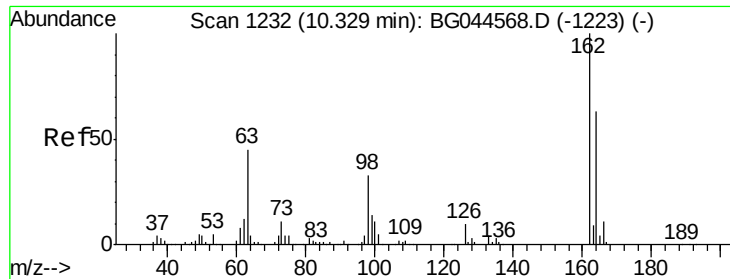


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

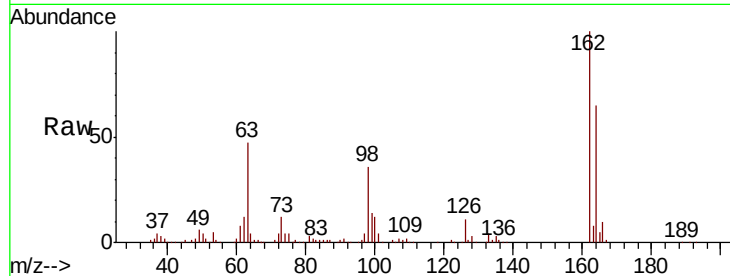




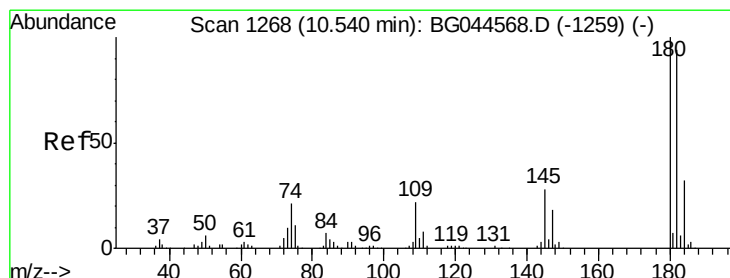
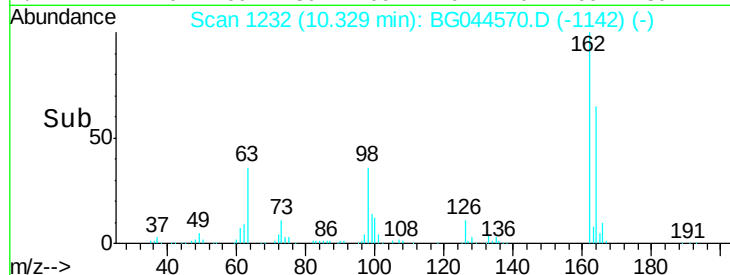
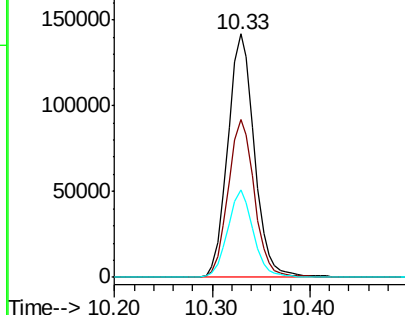
#29
 2,4-Dichlorophenol
 Concen: 68.894 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.2	83.2
98	35.7	13.2	53.2

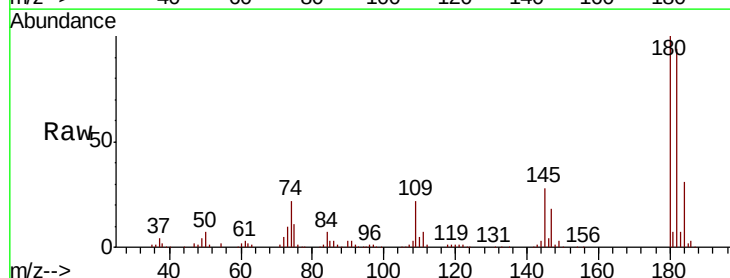


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

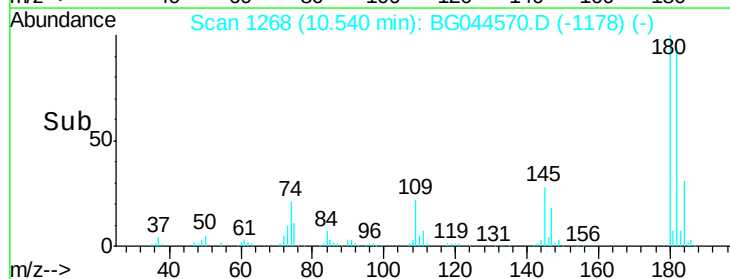
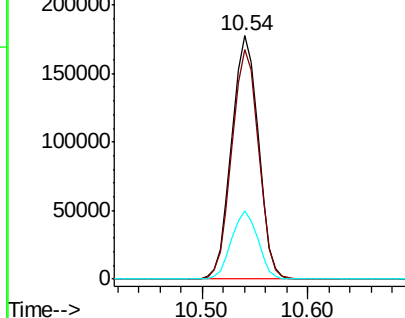


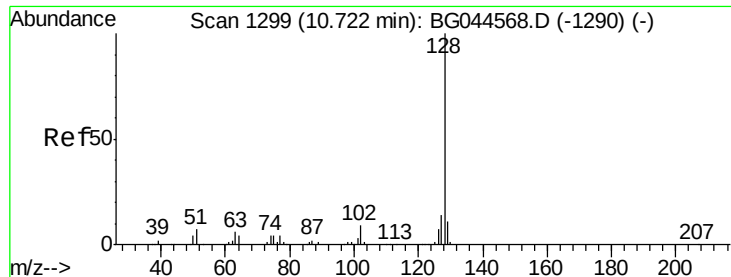
#30
 1,2,4-Trichlorobenzene
 Concen: 69.612 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.6	113.4
145	28.0	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

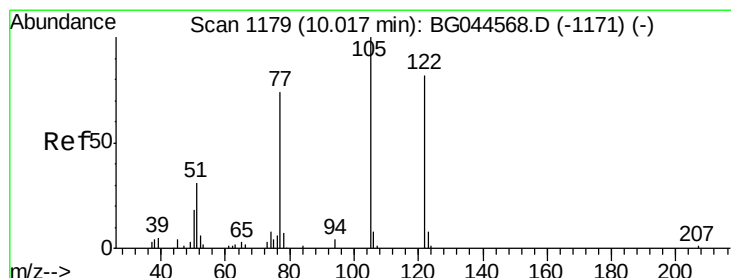
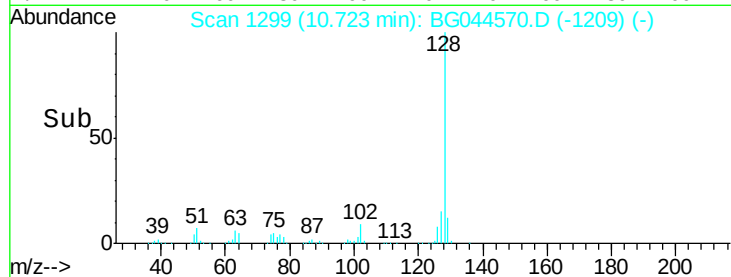
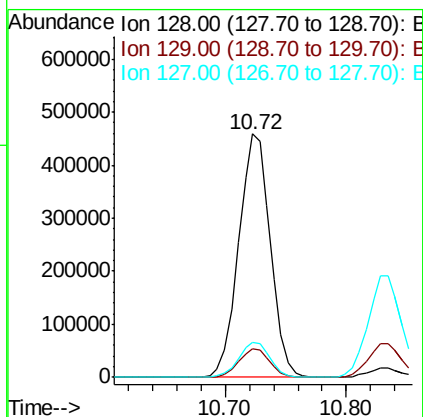
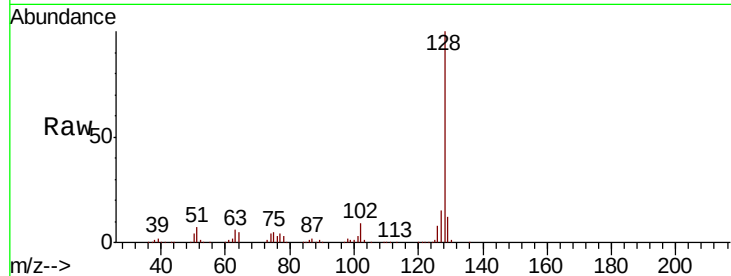




#31
Naphthalene
Concen: 67.789 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

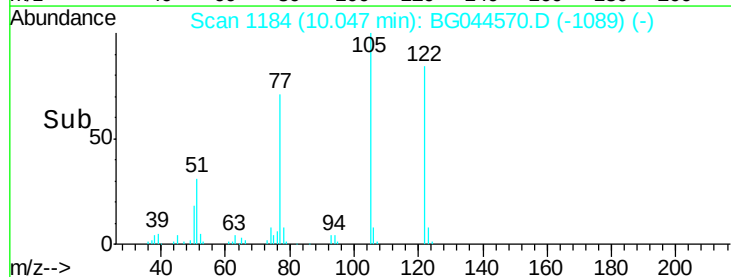
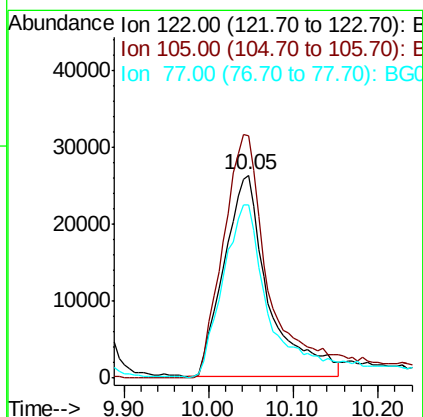
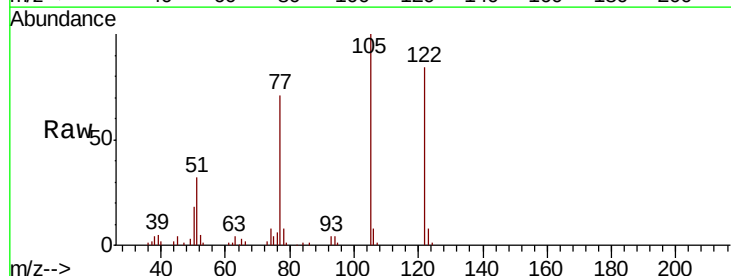
Instrument :
BNA_G
ClientSampleId :

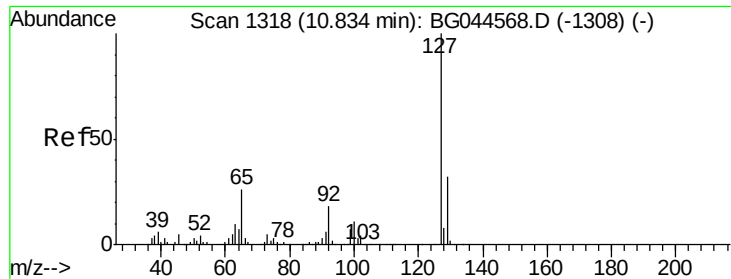
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.6	11.0	16.4



#32
Benzoic acid
Concen: 55.727 ng
RT: 10.05 min Scan# 1184
Delta R.T. 0.03 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	101.4	141.4
77	85.2	69.8	109.8

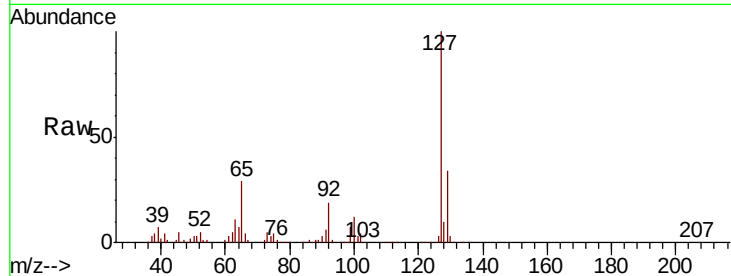




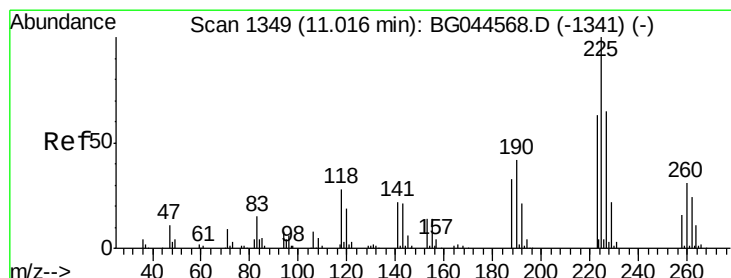
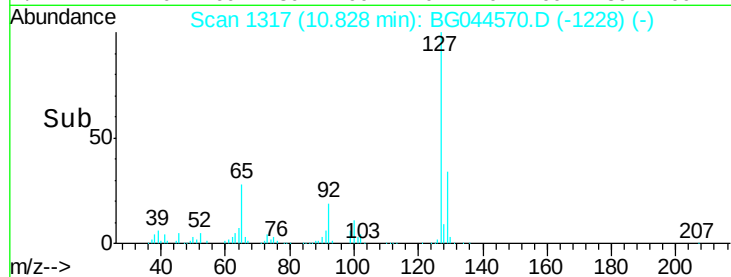
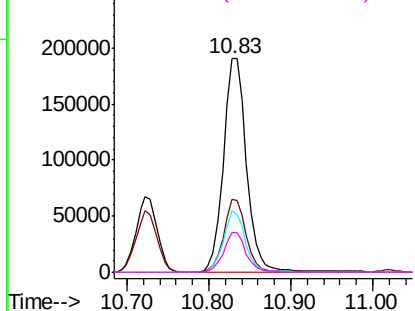
#33
4-Chloroaniline
Concen: 66.585 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	372887
Ion Ratio	Lower	Upper
127 100		
129 33.9	25.9	38.9
65 28.5	20.7	31.1
92 18.7	14.2	21.2

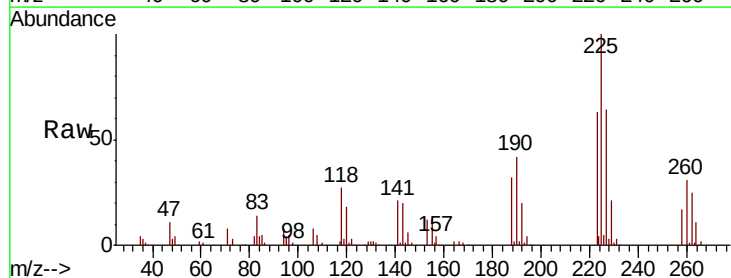


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

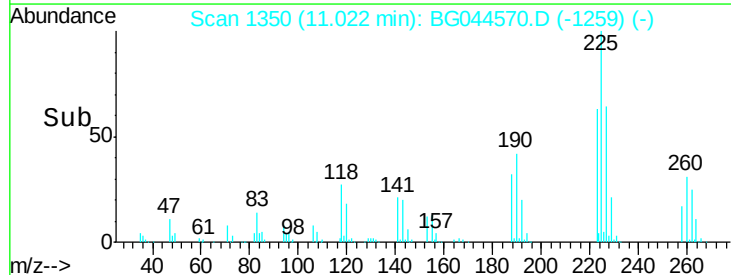
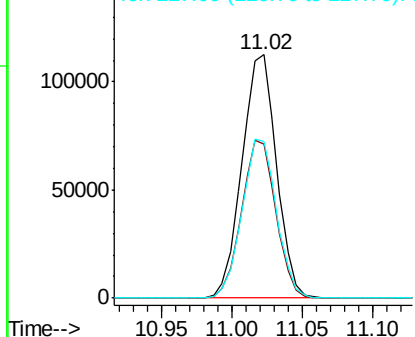


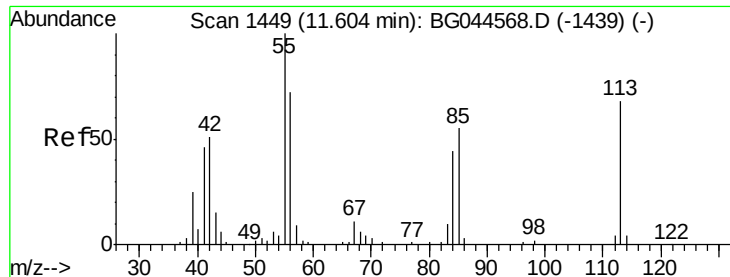
#34
Hexachlorobutadiene
Concen: 70.365 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt	Ion:225	Resp:	192974
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.1	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: 67.082 ng

RT: 11.62 min Scan# 1452

Delta R.T. 0.02 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampled :

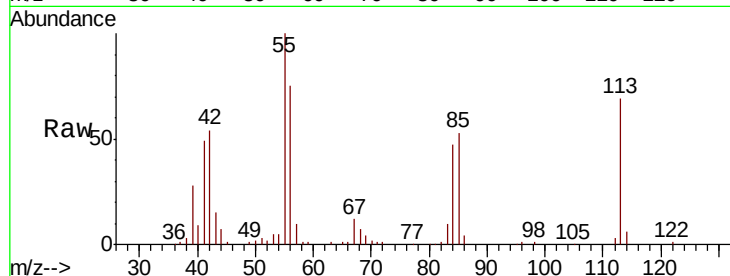
Tot Ion:113 Resp: 95514

Ion Ratio Lower Upper

113 100

55 144.5 127.8 167.8

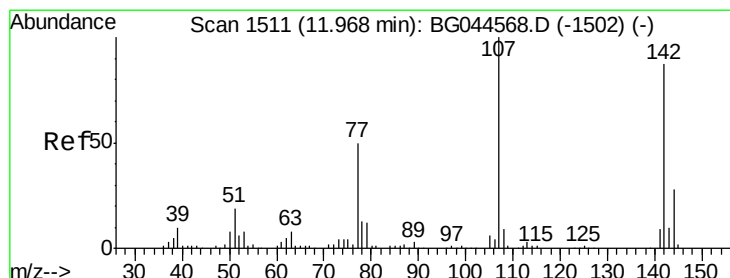
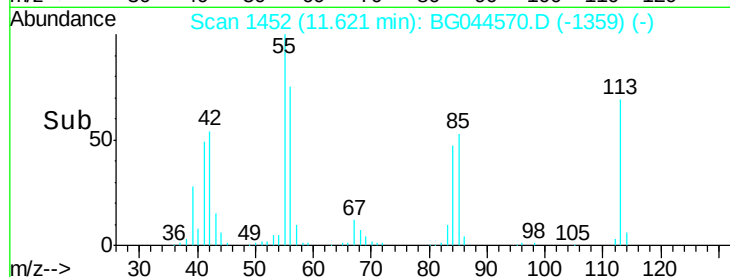
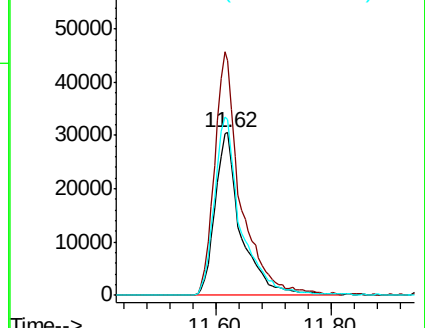
56 107.8 86.9 126.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 66.746 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

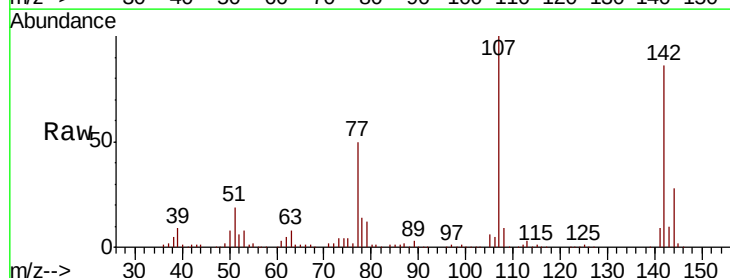
Tgt Ion:107 Resp: 272007

Ion Ratio Lower Upper

107 100

144 27.6 22.3 33.5

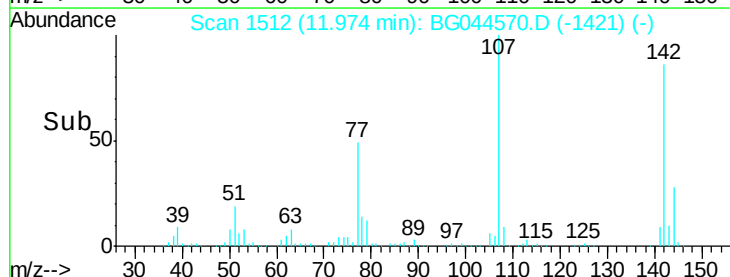
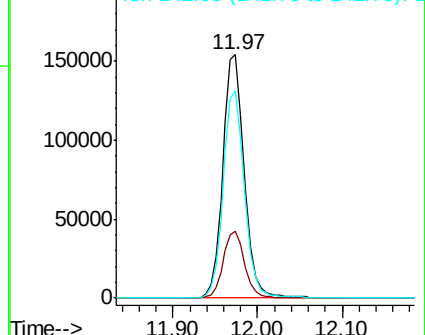
142 85.5 69.3 103.9

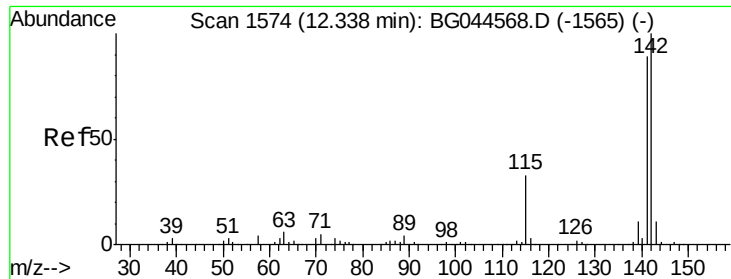


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

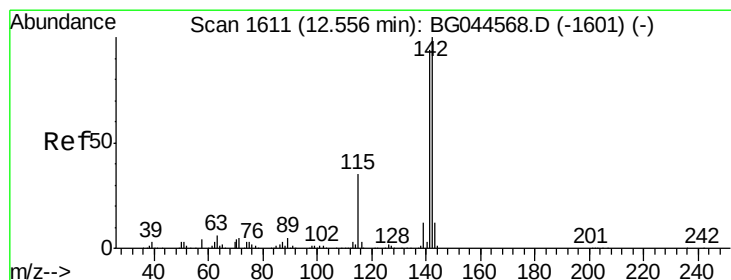
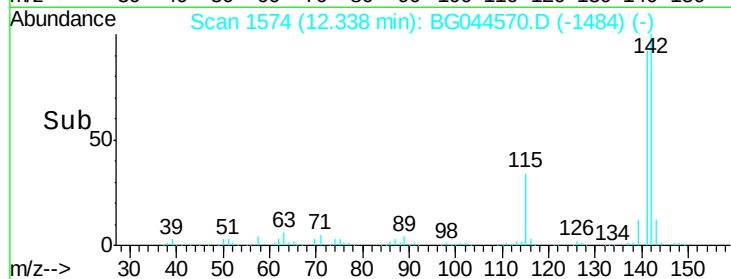
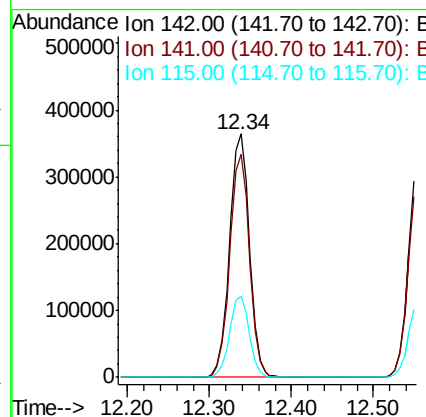
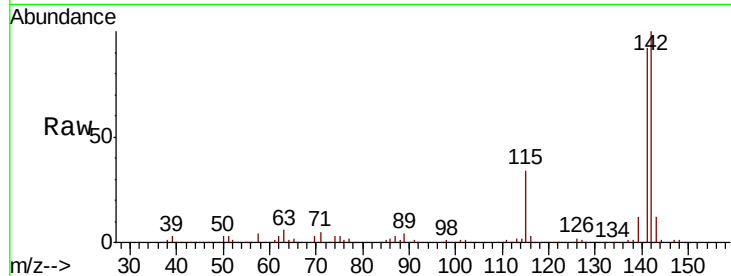




#37
2-Methylnaphthalene
Concen: 67.340 ng
RT: 12.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

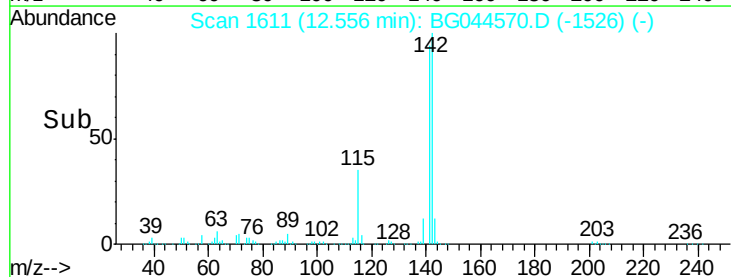
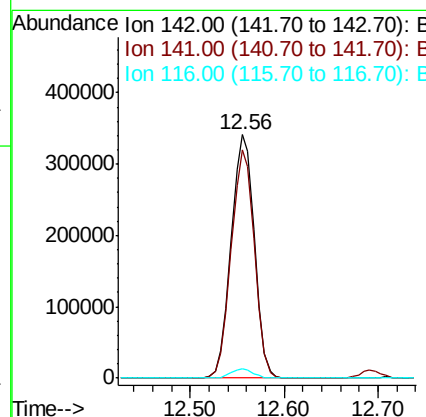
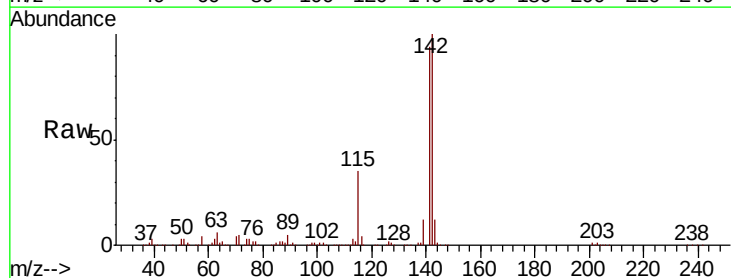
Instrument :
BNA_G
ClientSampled :

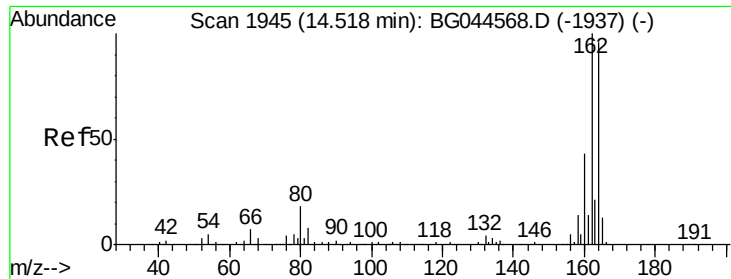
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.3	106.9
115	33.5	26.2	39.2



#38
1-Methylnaphthalene
Concen: 67.551 ng
RT: 12.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.1	112.7
116	3.8	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

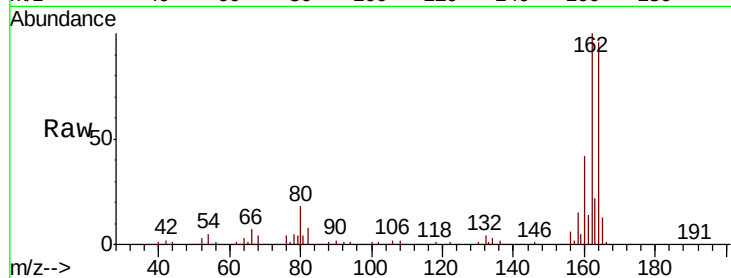
Tot Ion:164 Resp: 161284

Ion Ratio Lower Upper

164 100

162 103.7 83.6 125.4

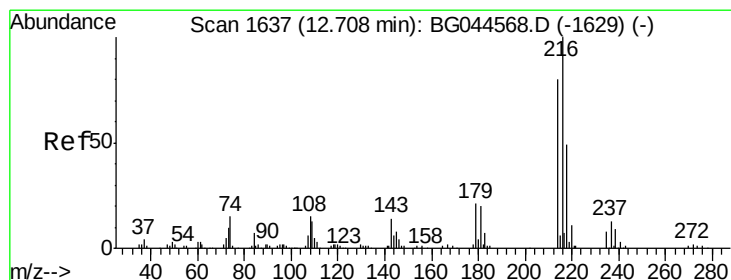
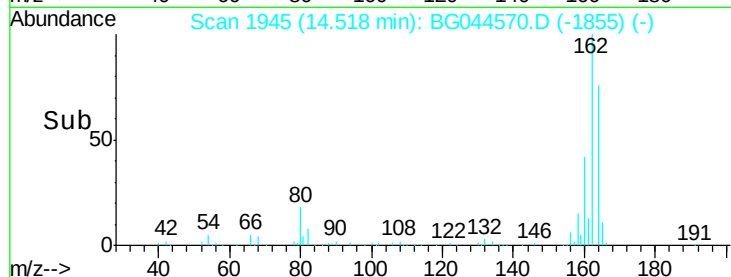
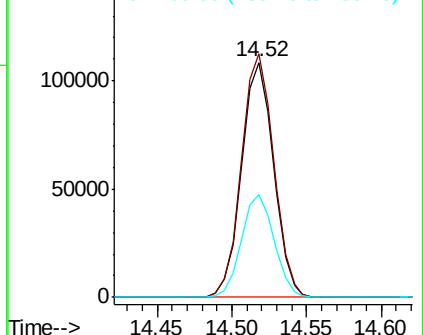
160 44.0 36.2 54.4



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: 69.512 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Tgt Ion:216 Resp: 335362

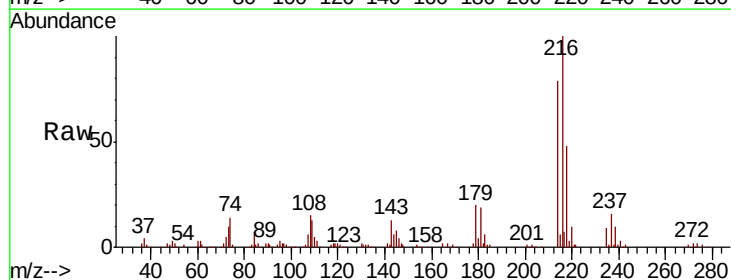
Ion Ratio Lower Upper

216 100

214 79.0 63.3 94.9

179 20.3 16.2 24.2

108 16.1 12.6 18.8

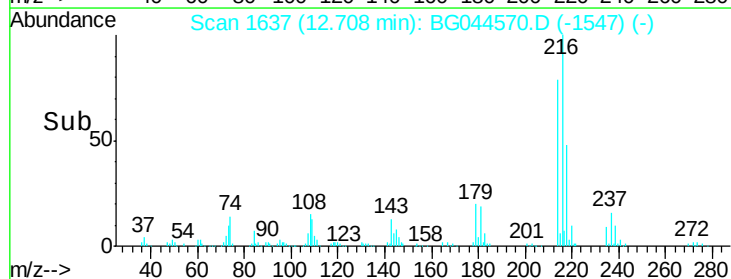
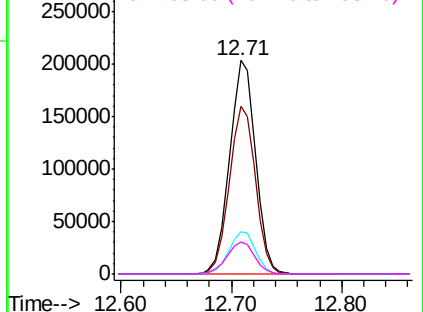


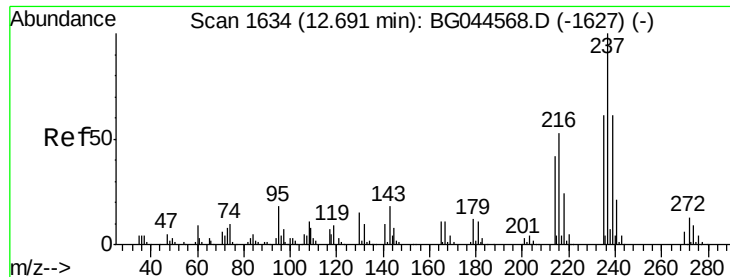
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 64.974 ng

RT: 12.69 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

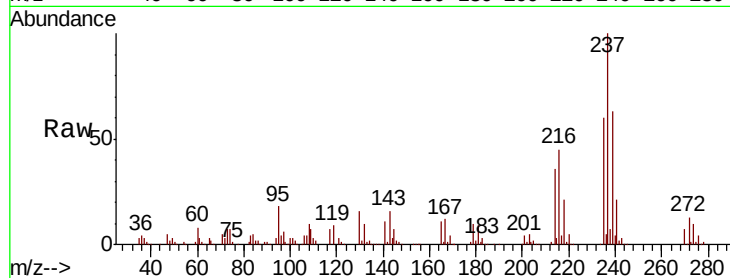
Tot Ion:237 Resp: 150412

Ion Ratio Lower Upper

237 100

235 60.3 40.7 80.7

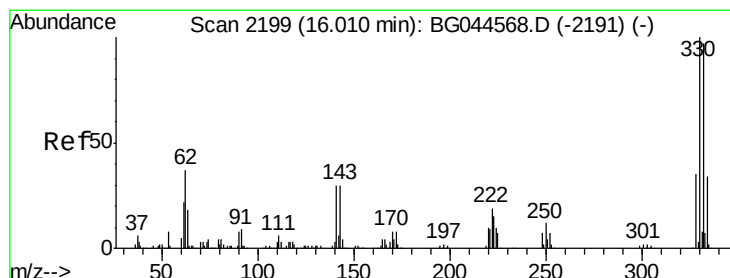
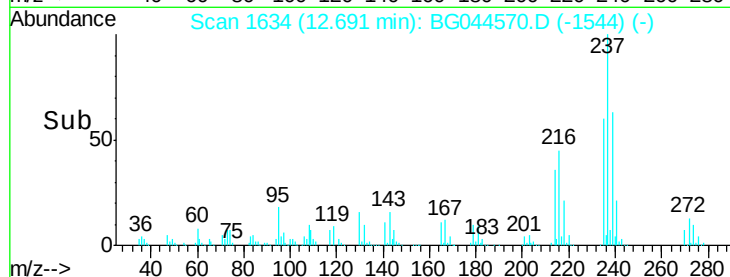
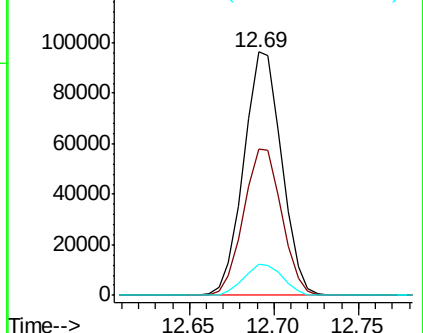
272 12.6 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 148.682 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

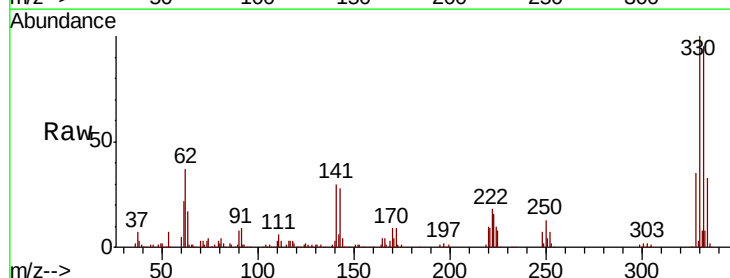
Tgt Ion:330 Resp: 281511

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

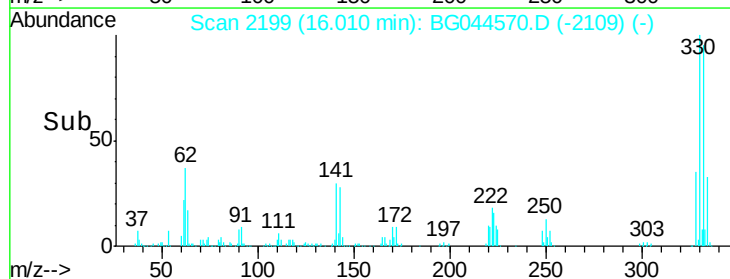
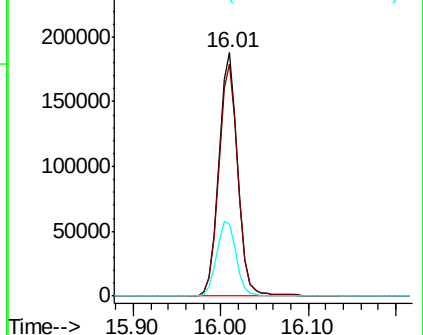
141 32.0 26.1 39.1

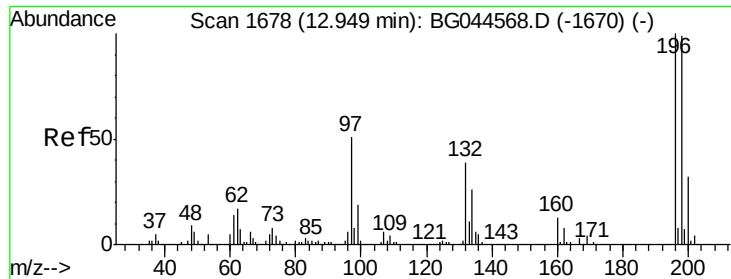


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

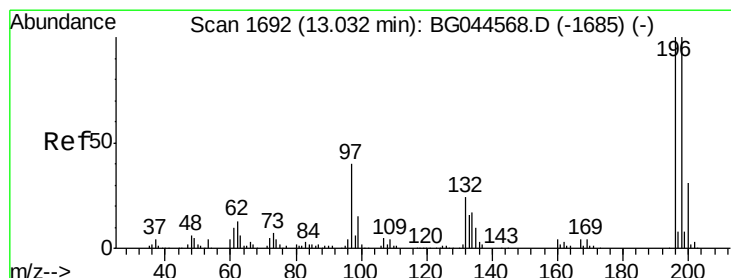
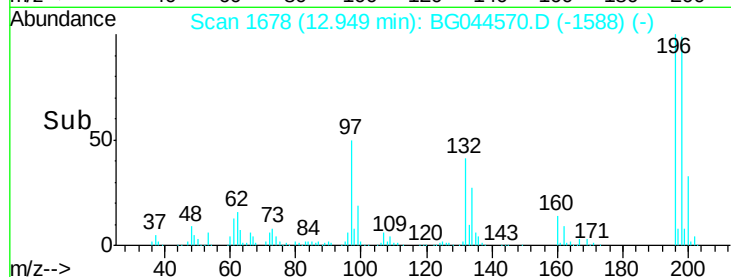
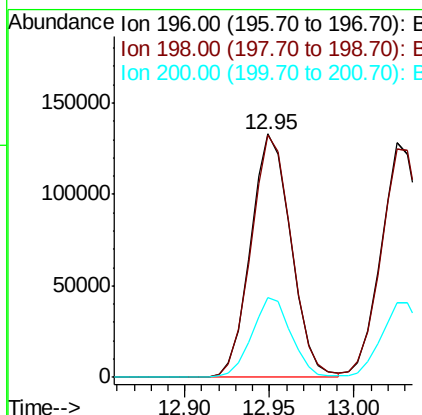
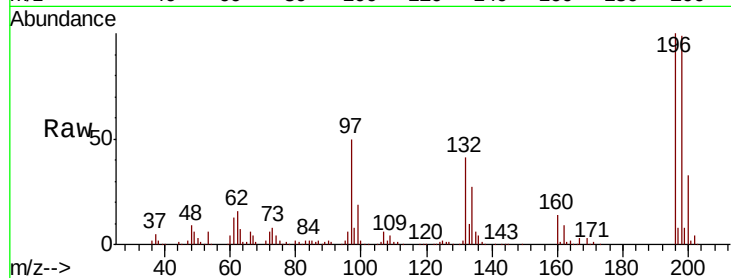




#43
 2,4,6-Trichlorophenol
 Concen: 70.629 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

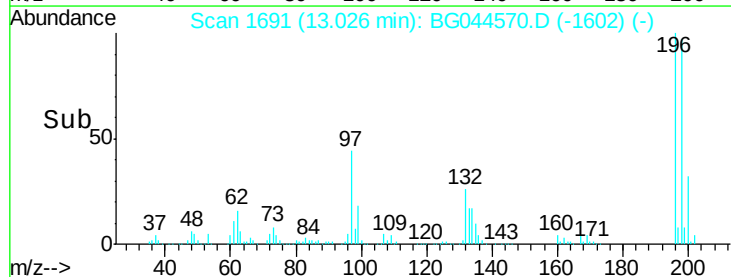
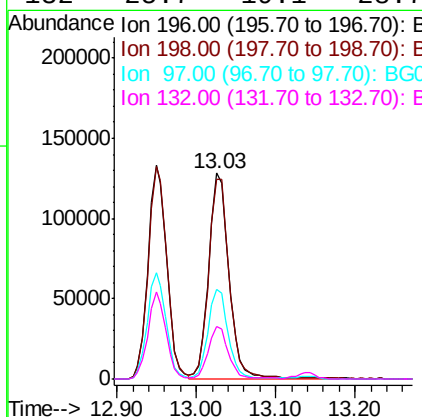
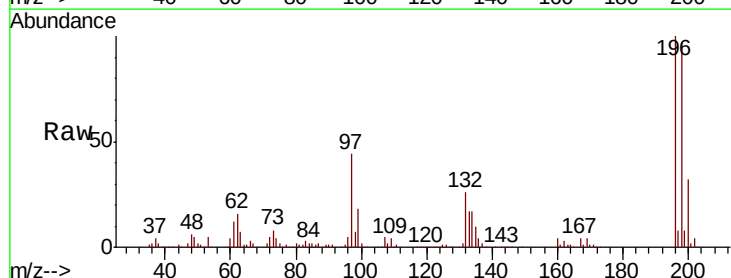
Instrument :
 BNA_G
 ClientSampleId :

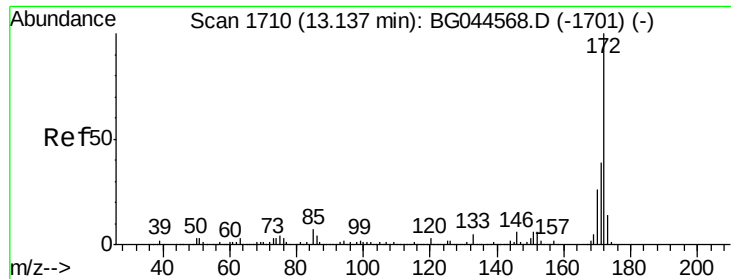
Tot Ion:196 Resp: 220252
 Ion Ratio Lower Upper
 196 100
 198 99.4 79.2 118.8
 200 32.5 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 71.321 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion:196 Resp: 227172
 Ion Ratio Lower Upper
 196 100
 198 97.3 79.3 118.9
 97 43.8 32.3 48.5
 132 25.7 19.1 28.7



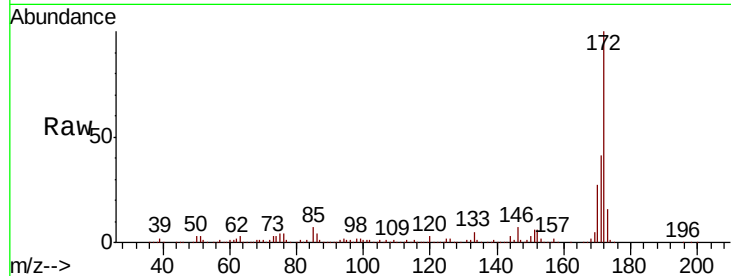


#45
 2-Fluorobiphenyl
 Concen: 138.550 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

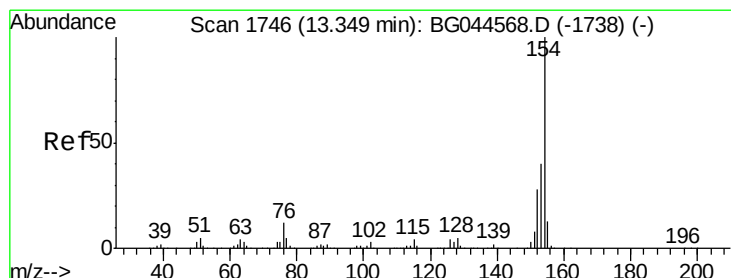
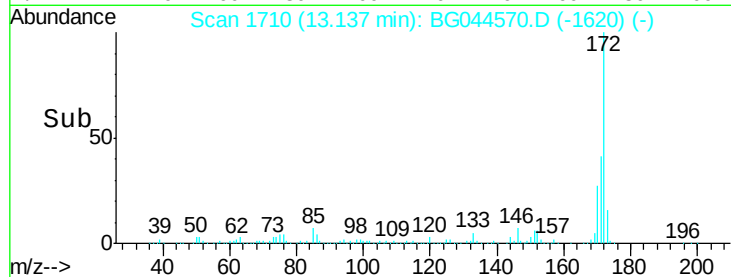
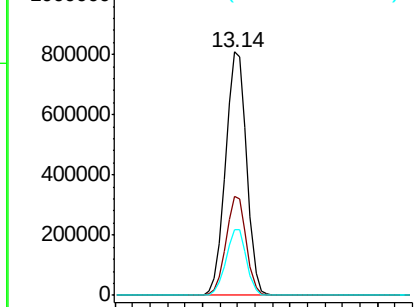
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1334439

Ion	Ratio	Lower	Upper
172	100		
171	40.6	31.3	46.9
170	26.9	21.0	31.4



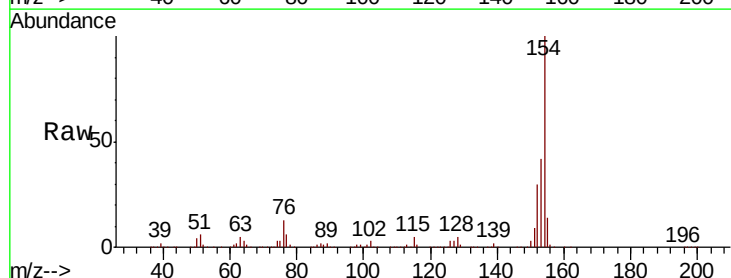
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



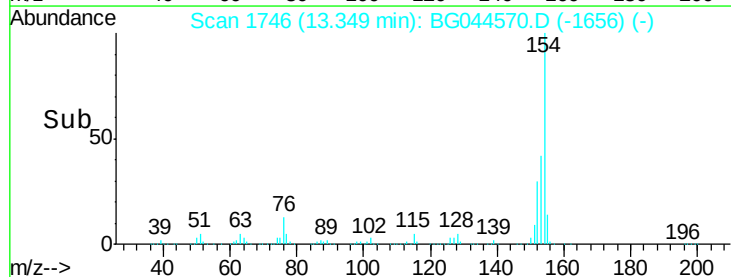
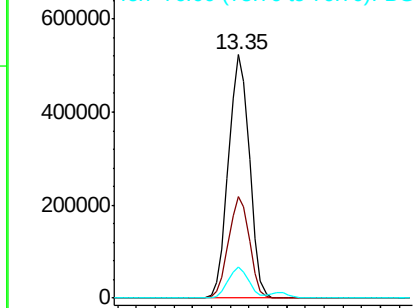
#46
 1,1'-Biphenyl
 Concen: 69.764 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

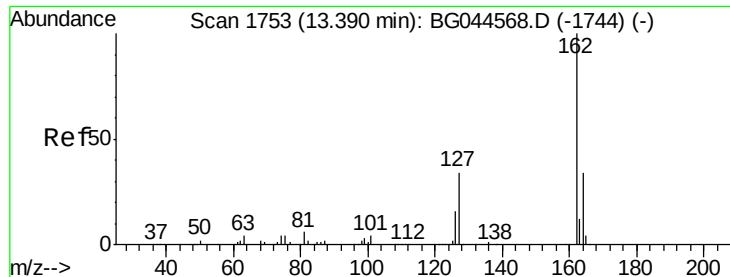
Tgt Ion:154 Resp: 811604

Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.2	60.2
76	12.7	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): BG0

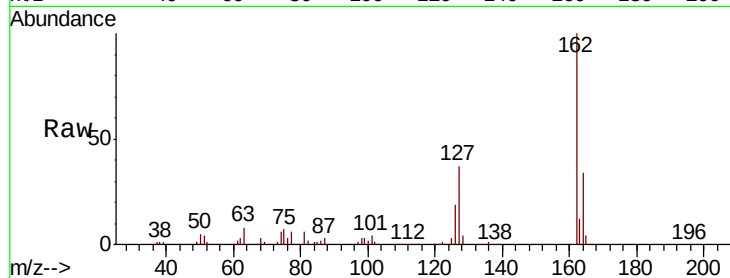




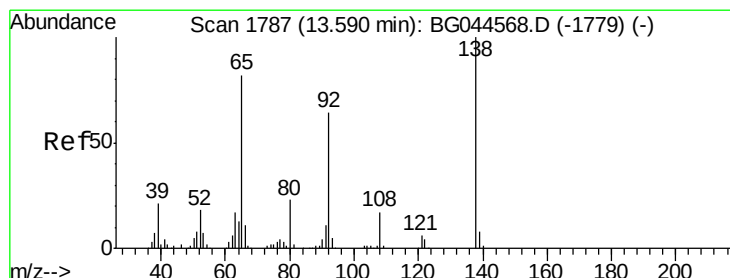
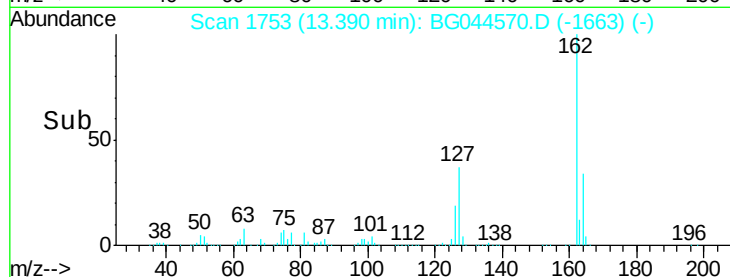
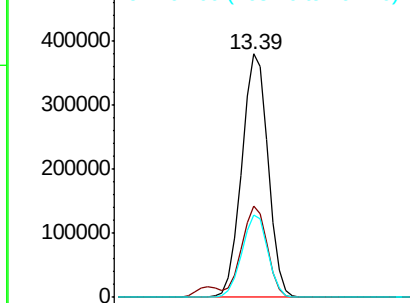
#47
 2-Chloronaphthalene
 Concen: 68.471 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	28.7	43.1
164	33.9	27.3	40.9

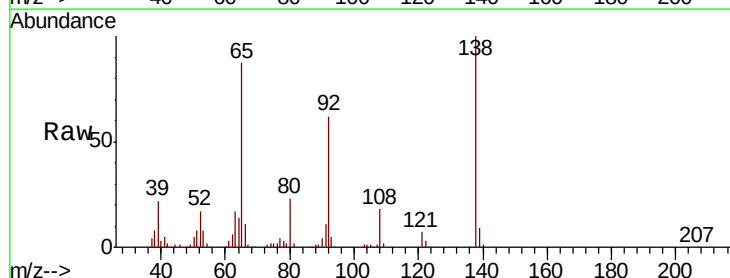


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

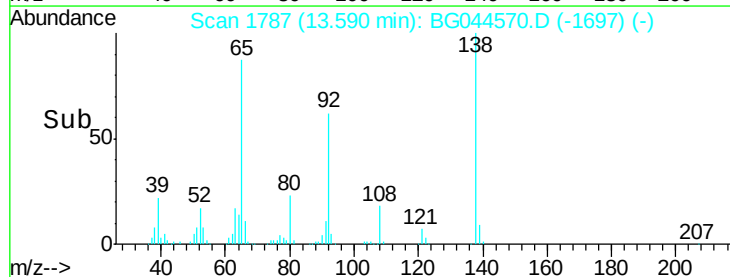
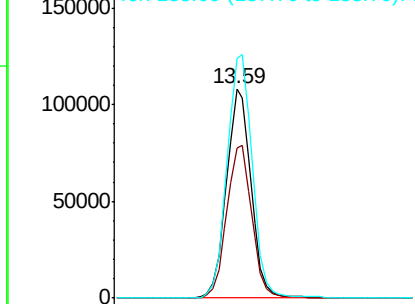


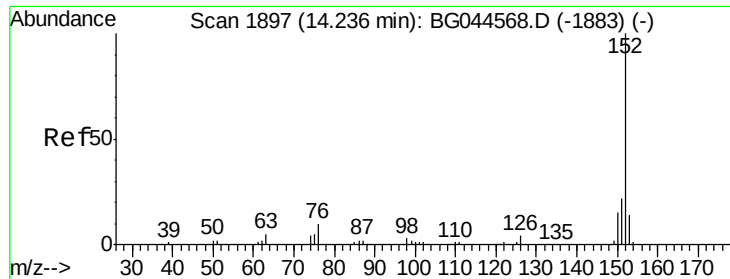
#48
 2-Nitroaniline
 Concen: 66.791 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	62.2	93.2
138	114.8	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: 68.335 ng

RT: 14.24 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

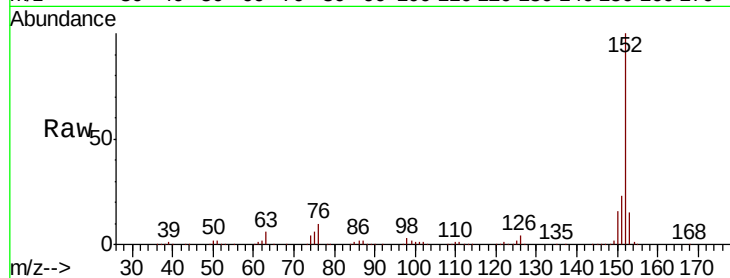
Tot Ion:152 Resp: 927862

Ion Ratio Lower Upper

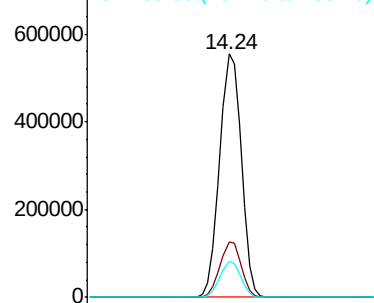
152 100

151 22.7 17.7 26.5

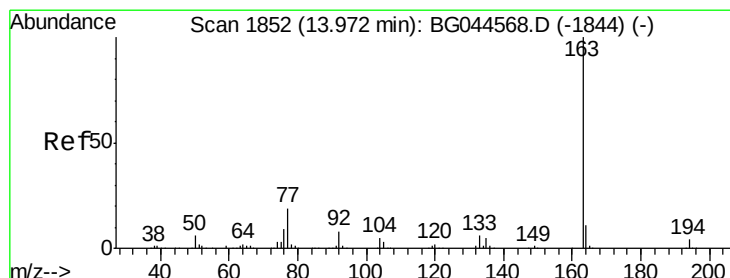
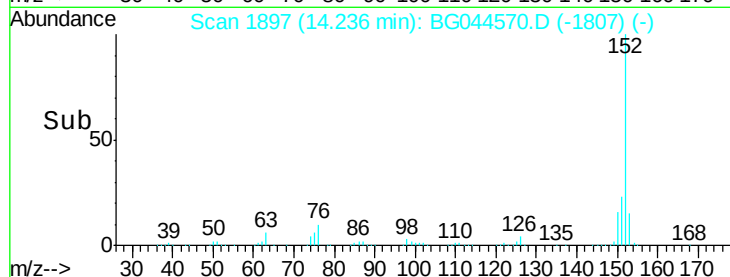
153 14.7 11.3 16.9



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



Time--> 14.10 14.20 14.30



#50

Dimethylphthalate

Concen: 67.452 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

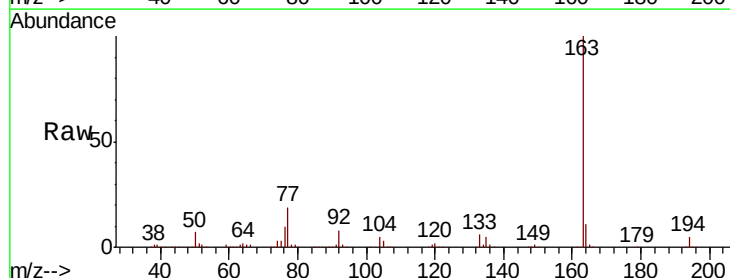
Tgt Ion:163 Resp: 782004

Ion Ratio Lower Upper

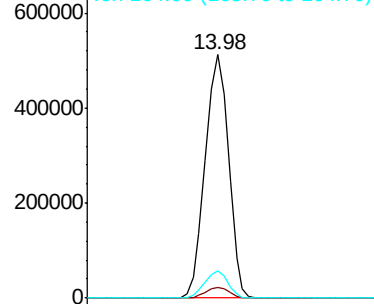
163 100

194 4.5 3.4 5.0

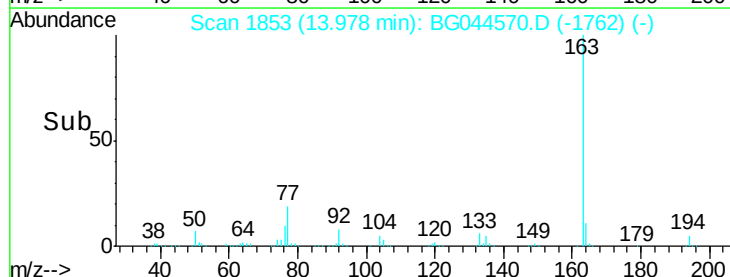
164 11.0 8.7 13.1

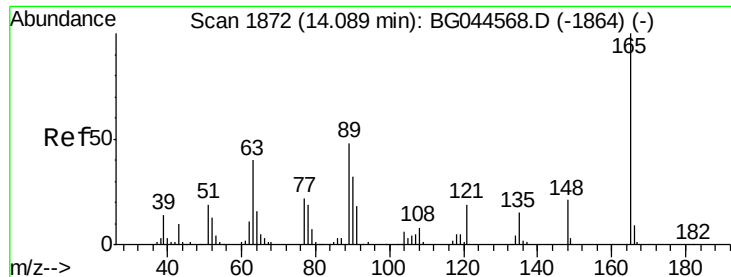


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 13.90 14.00 14.10

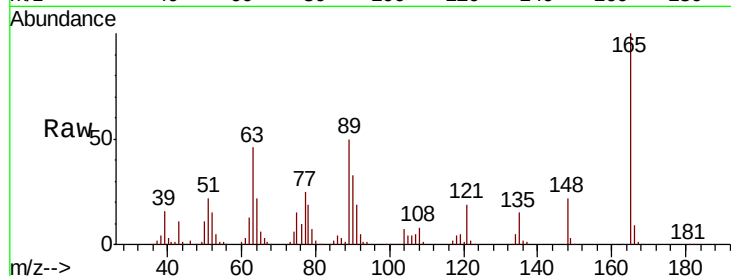




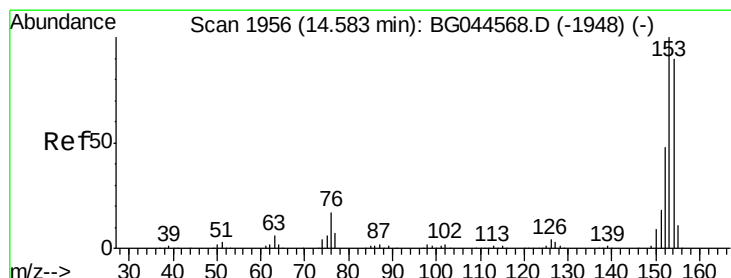
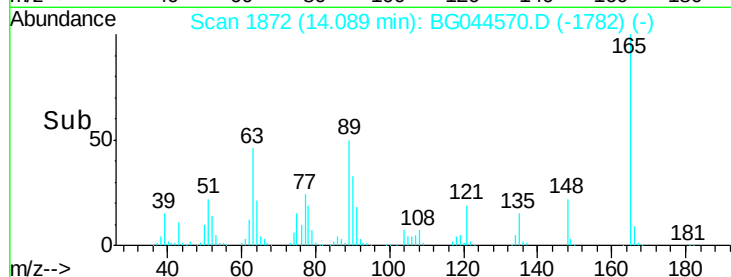
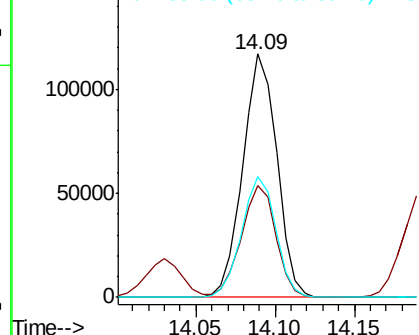
#51
 2,6-Dinitrotoluene
 Concen: 67.614 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 174781
 Ion Ratio Lower Upper
 165 100
 63 46.1 35.8 53.6
 89 49.5 38.7 58.1

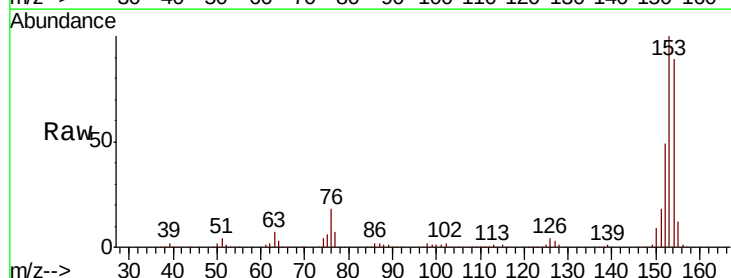


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

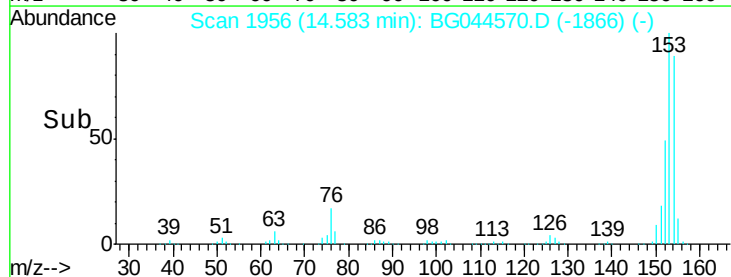
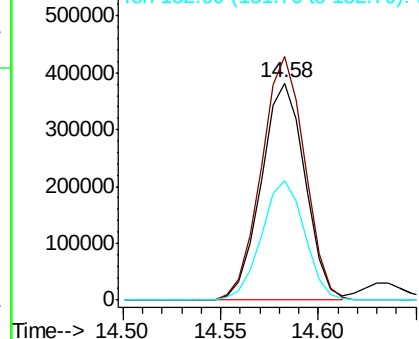


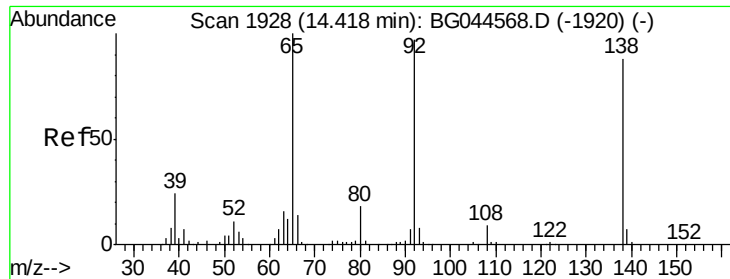
#52
 Acenaphthene
 Concen: 67.388 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion:154 Resp: 593081
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.4 134.0
 152 54.9 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 67.595 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

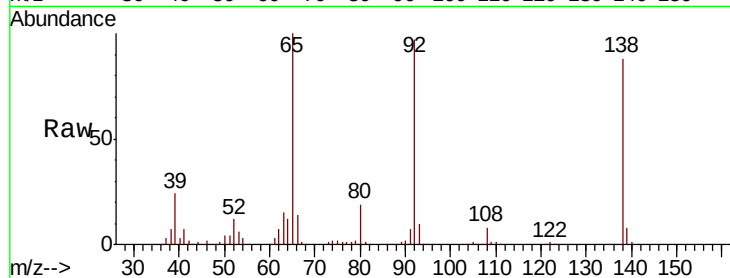
Tot Ion:138 Resp: 193313

Ion Ratio Lower Upper

138 100

108 9.5 7.9 11.9

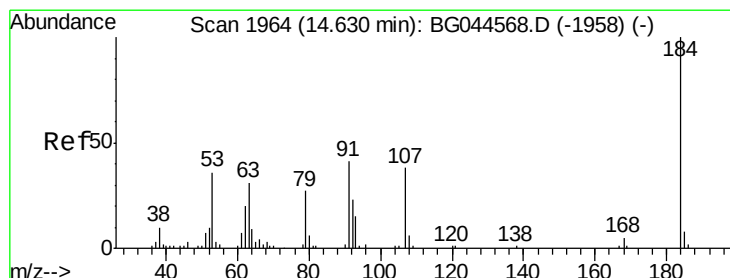
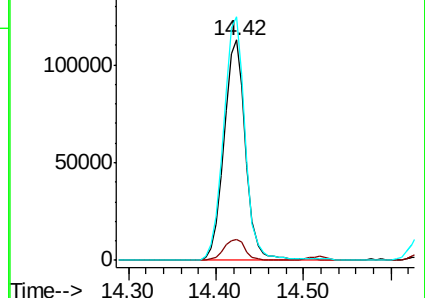
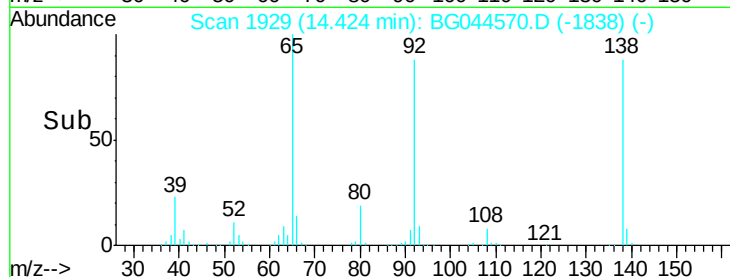
92 110.4 87.4 131.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 74.871 ng

RT: 14.64 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

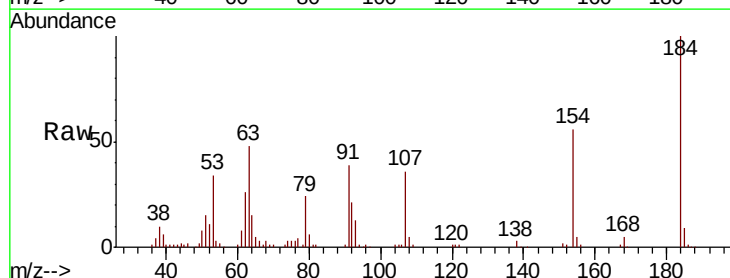
Tgt Ion:184 Resp: 96084

Ion Ratio Lower Upper

184 100

63 47.8 42.1 63.1

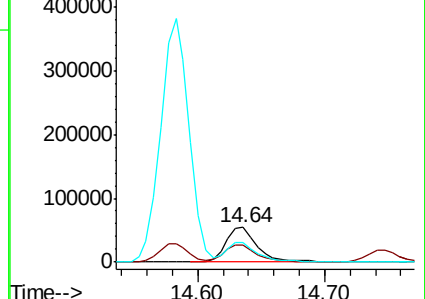
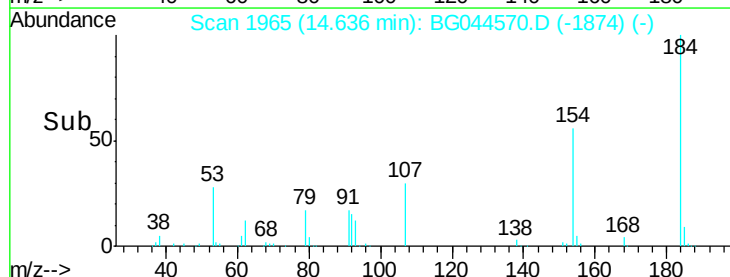
154 56.3 43.4 65.2

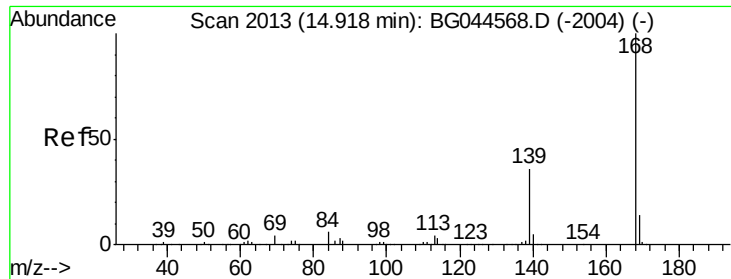


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

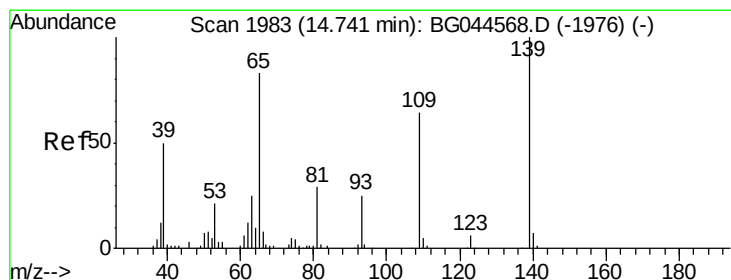
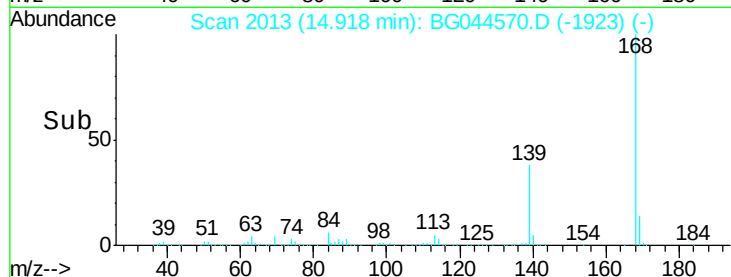
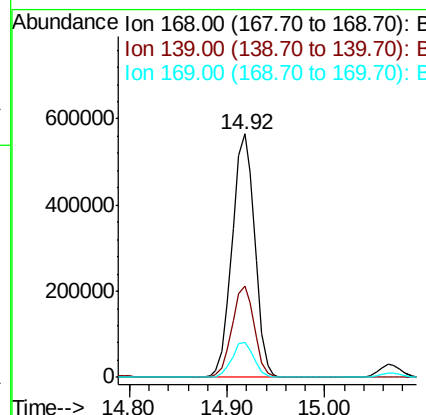
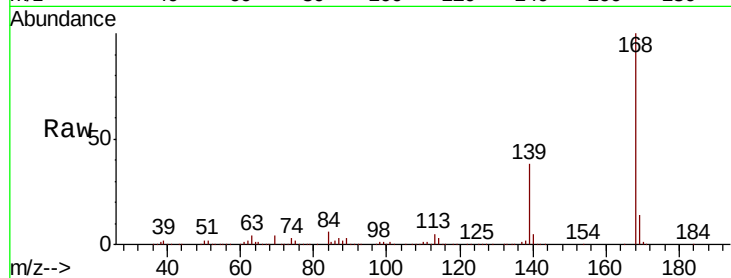




#55
Dibenzofuran
Concen: 67.867 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

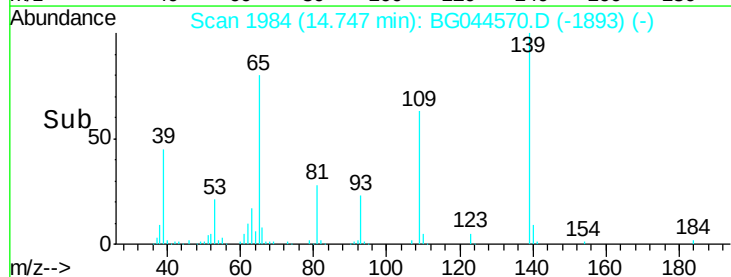
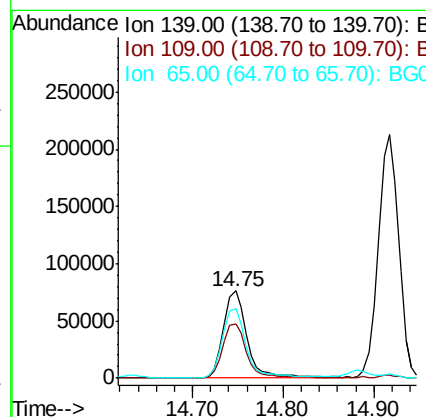
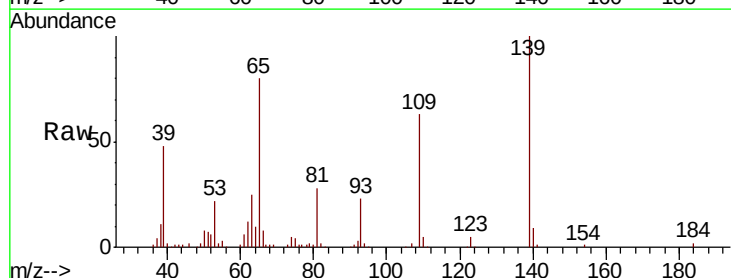
Instrument :
BNA_G
ClientSampleId :

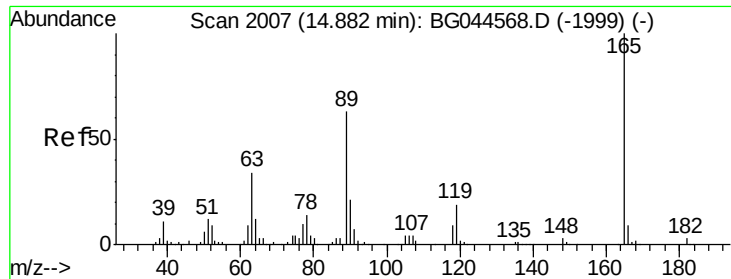
Tot Ion:168 Resp: 904335
Ion Ratio Lower Upper
168 100
139 37.6 29.2 43.8
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 66.733 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion:139 Resp: 139797
Ion Ratio Lower Upper
139 100
109 62.8 43.8 83.8
65 80.0 63.6 103.6

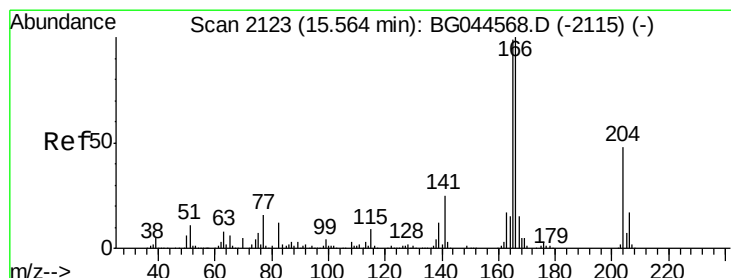
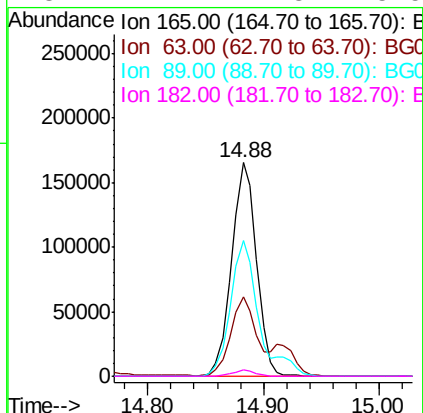
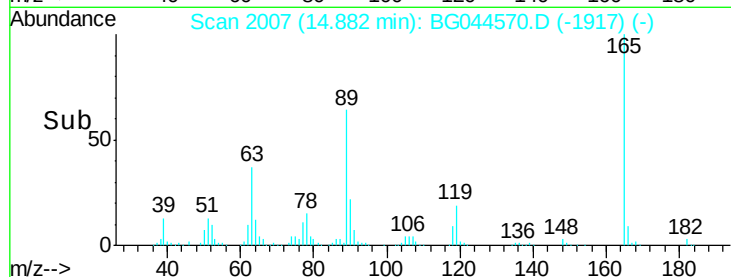
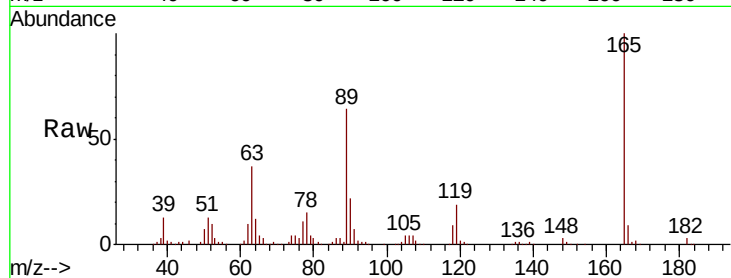




#57
 2,4-Dinitrotoluene
 Concen: 67.929 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

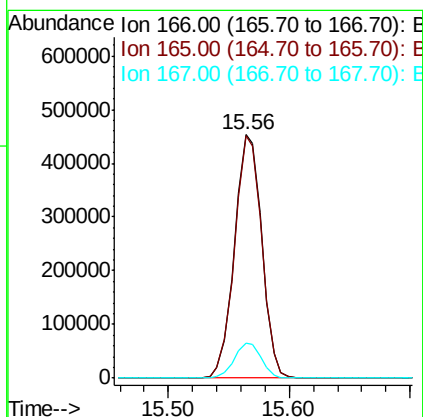
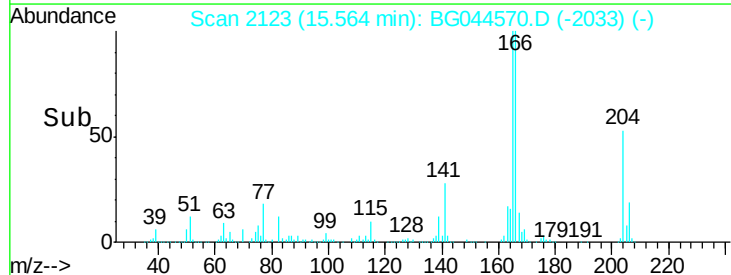
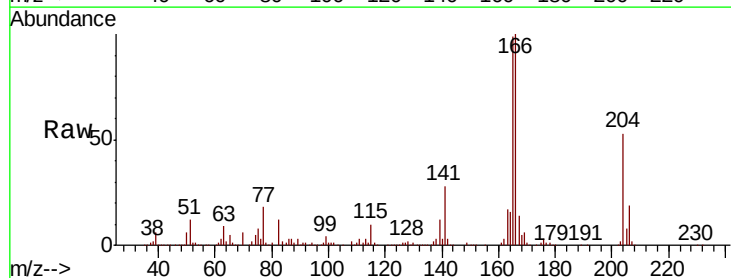
Instrument :
 BNA_G
 ClientSampled :

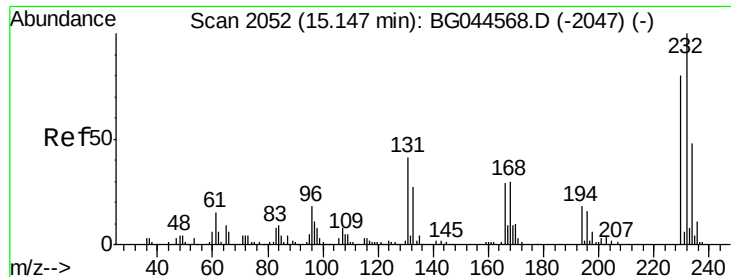
Tot Ion:165	Resp:	246110
Ion	Ratio	Lower Upper
165	100	
63	36.9	27.5 41.3
89	63.8	50.0 75.0
182	2.7	2.3 3.5



#58
 Fluorene
 Concen: 67.952 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion:166	Resp:	713171
Ion	Ratio	Lower Upper
166	100	
165	99.5	79.2 118.8
167	14.4	11.7 17.5

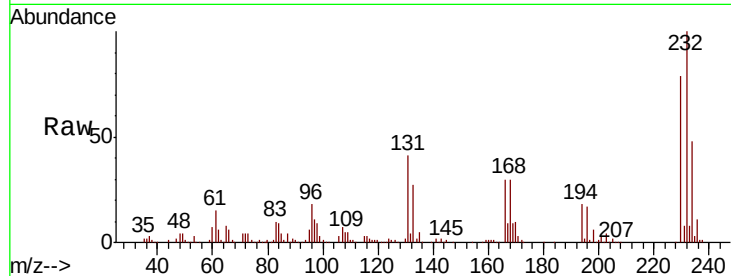




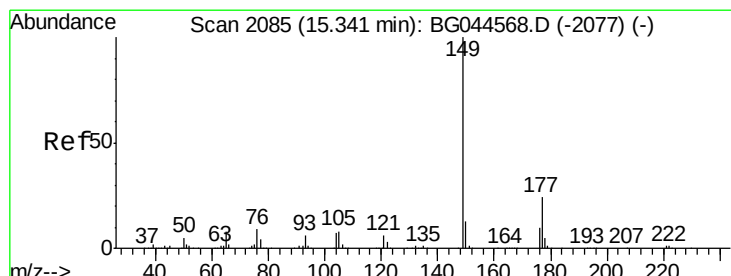
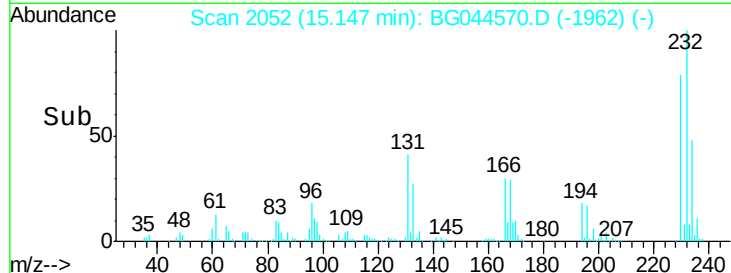
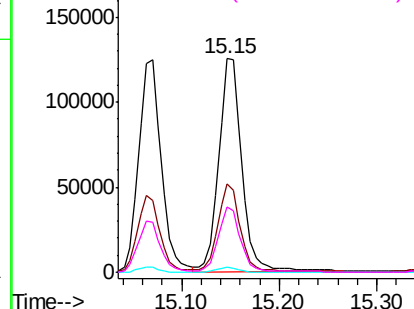
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 71.127 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	204638
Ion	Ratio	Lower	Upper
232	100		
131	41.0	31.8	47.6
130	2.3	1.8	2.6
166	29.7	22.7	34.1

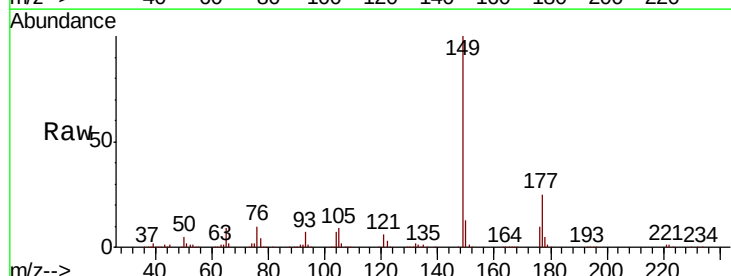


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

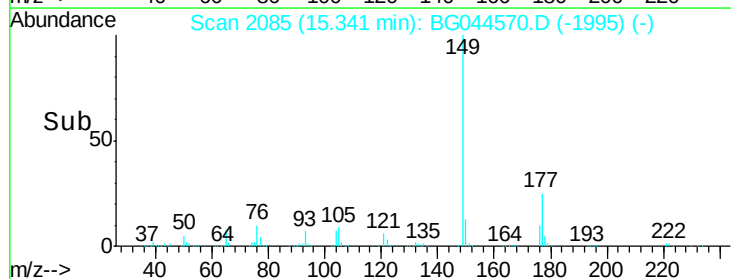
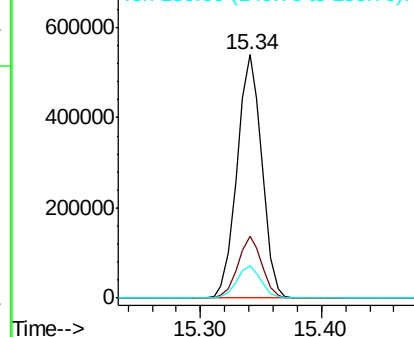


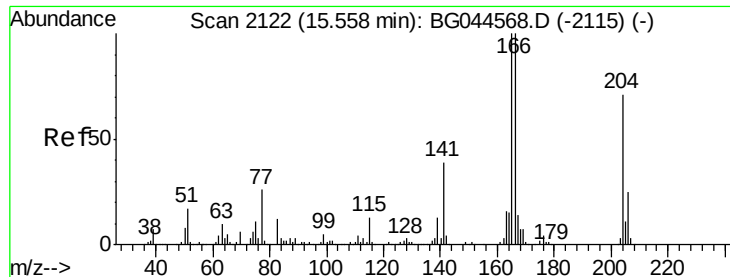
#60
 Diethylphthalate
 Concen: 66.709 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion:	149	Resp:	770630
Ion	Ratio	Lower	Upper
149	100		
177	25.2	19.2	28.8
150	13.4	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

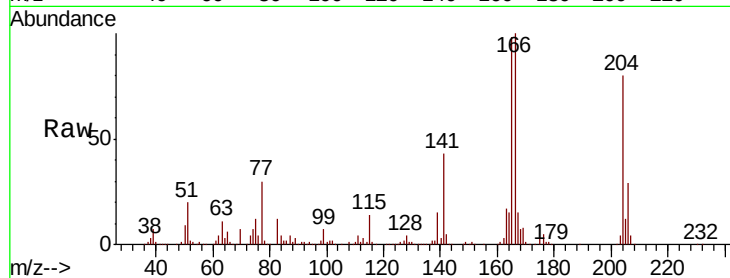




#61
 4-Chlorophenyl-phenylether
 Concen: 68.412 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	27.8	41.8
141	54.1	43.8	65.8

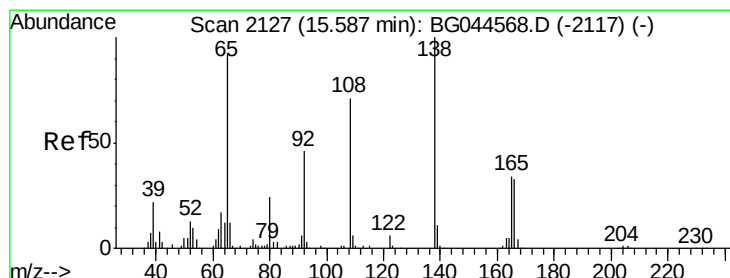
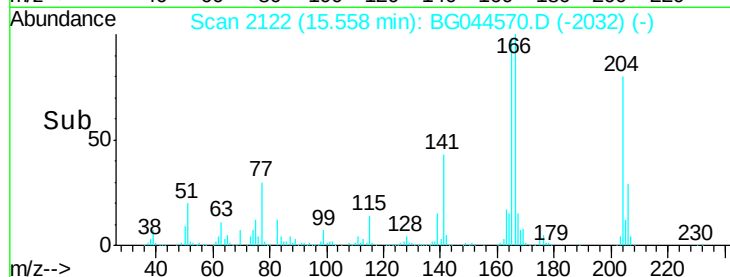
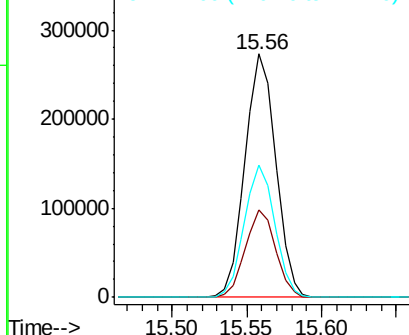


Abundance

Ion 204.00 (203.70 to 204.70): E

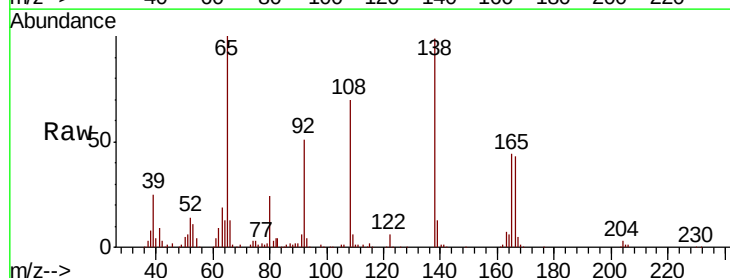
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 67.331 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	26.4	66.4
108	70.6	50.5	90.5

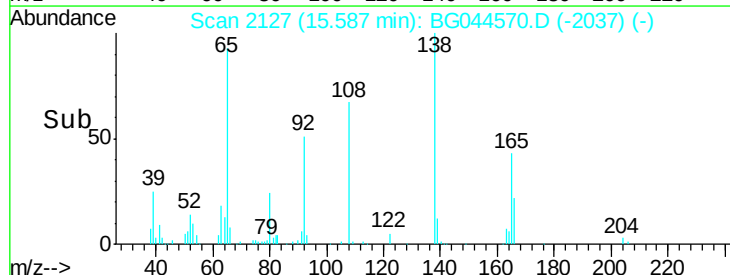
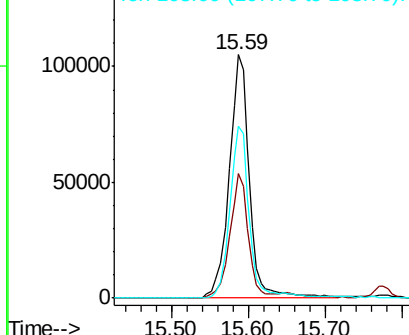


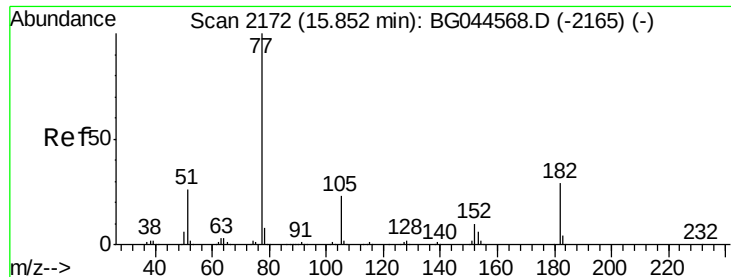
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E

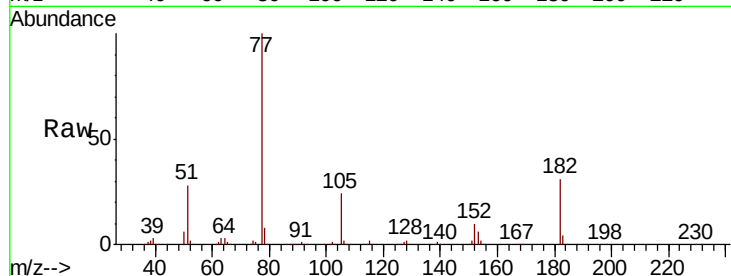




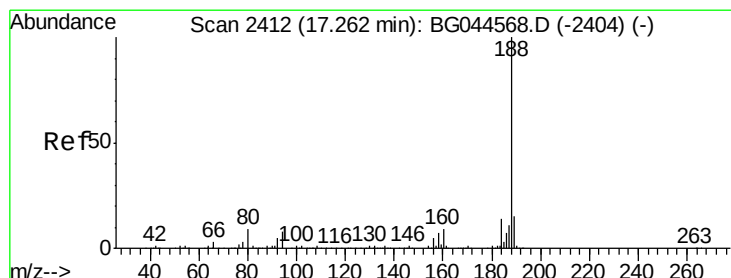
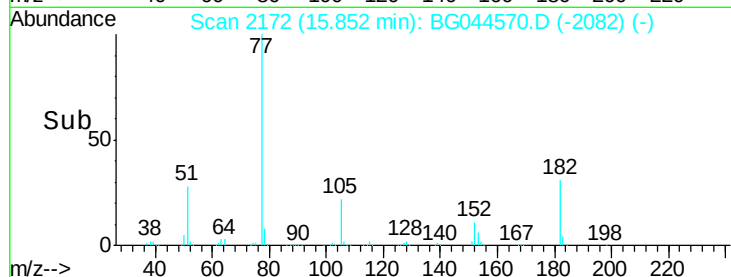
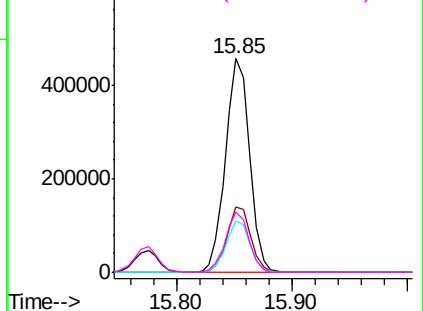
#63
Azobenzene
Concen: 65.025 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	658350
Ion	Ratio	Lower	Upper
77	100		
182	30.7	9.4	49.4
105	23.9	3.4	43.4
51	28.1	6.4	46.4

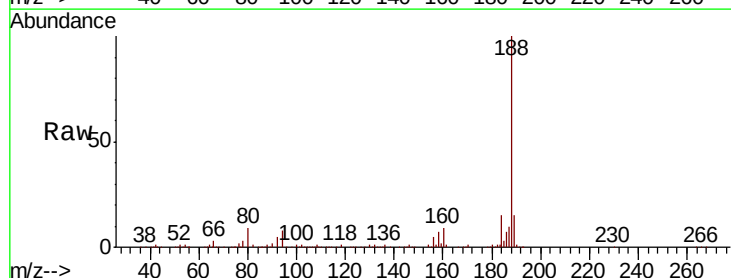


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

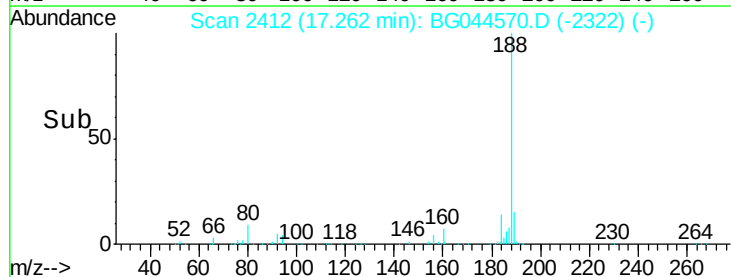
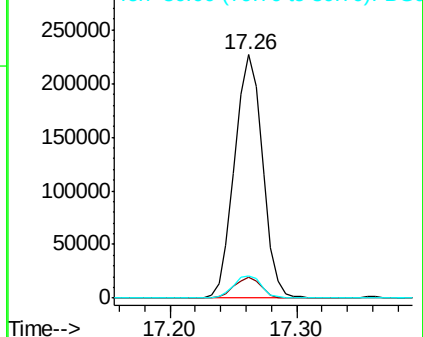


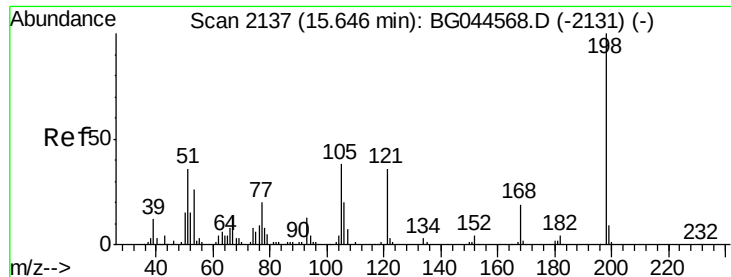
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion:	188	Resp:	347120
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.3	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: 74.604 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

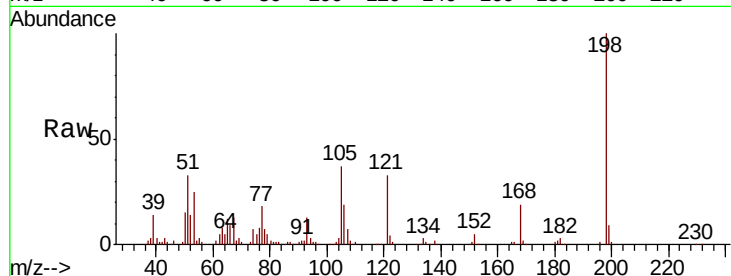
Tot Ion:198 Resp: 142949

Ion Ratio Lower Upper

198 100

51 32.5 17.0 57.0

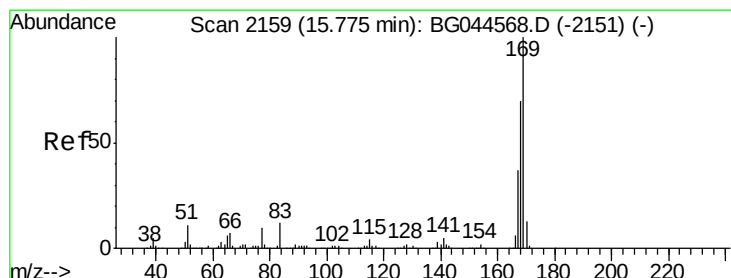
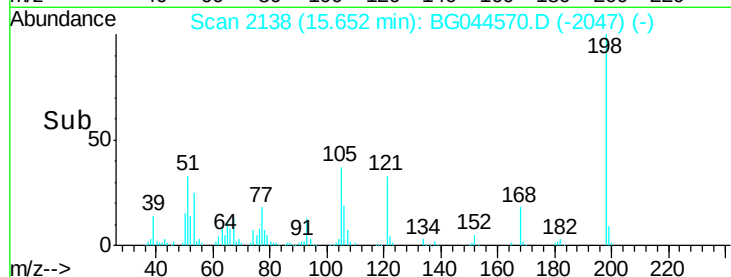
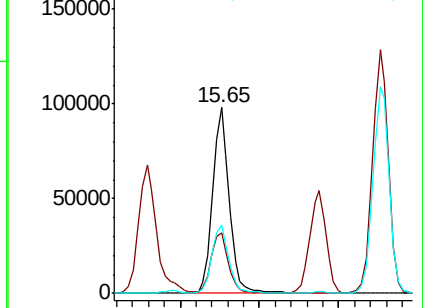
105 36.7 18.4 58.4



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: 67.249 ng

RT: 15.78 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

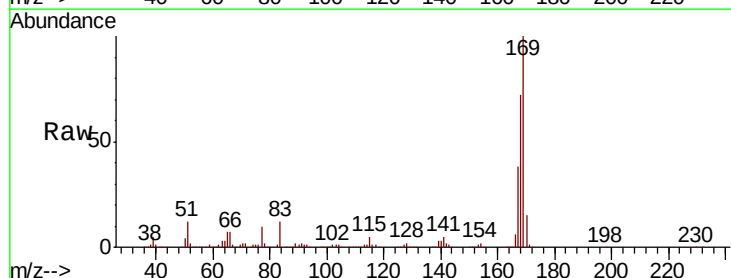
Tgt Ion:169 Resp: 654190

Ion Ratio Lower Upper

169 100

168 72.4 56.1 84.1

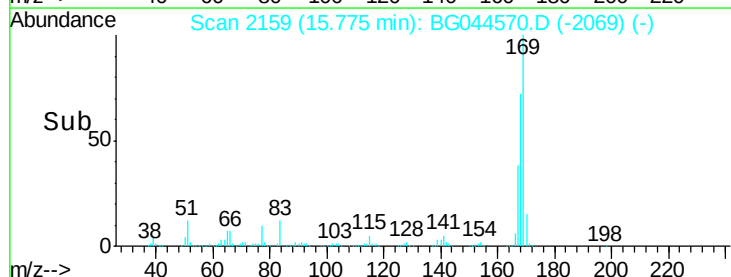
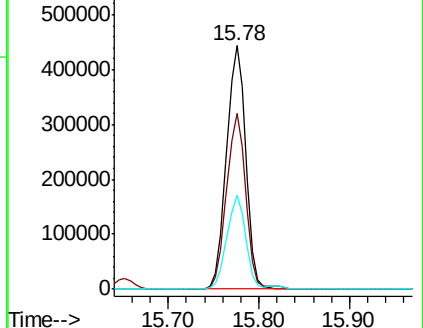
167 38.4 29.4 44.0

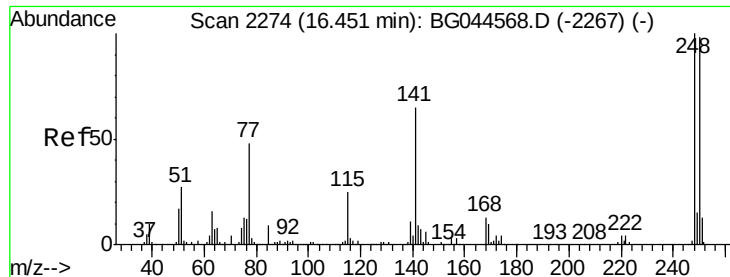


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

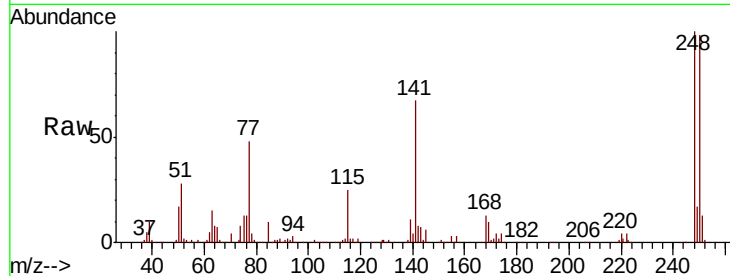




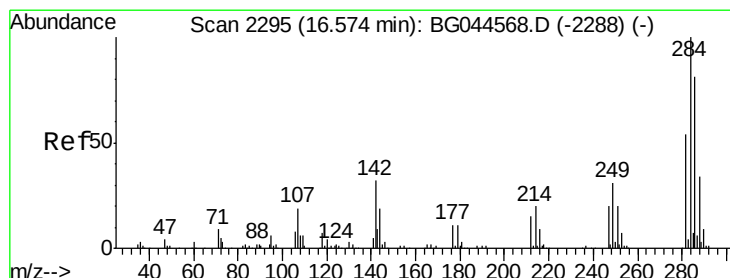
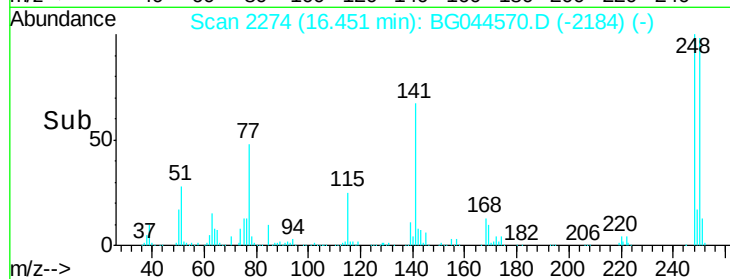
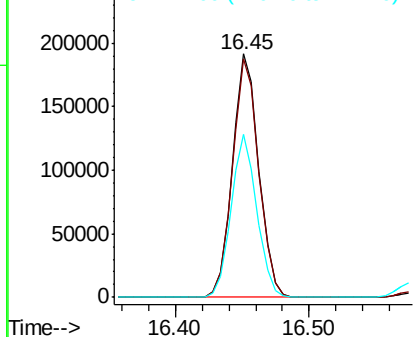
#67
 4-Bromophenyl-phenylether
 Concen: 69.275 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 261987
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.7 118.1
 141 66.8 52.3 78.5

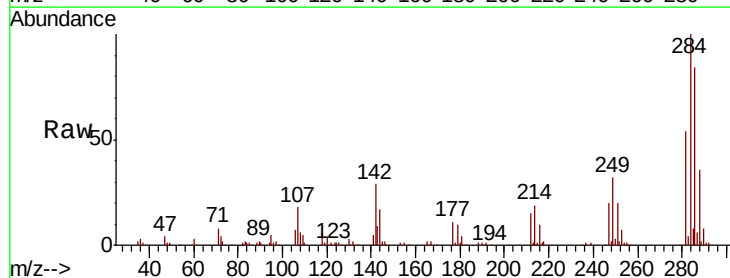


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

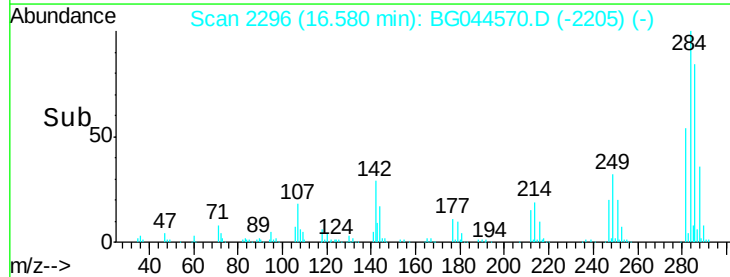
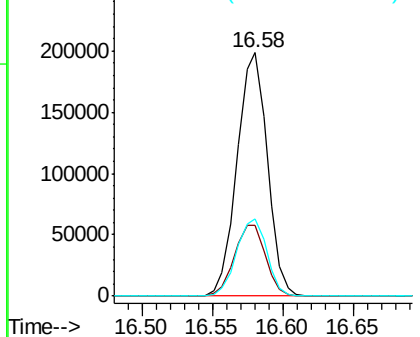


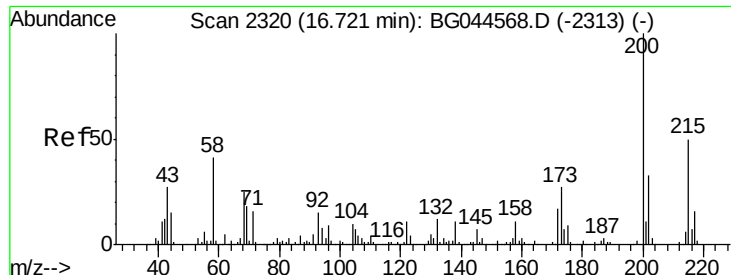
#68
 Hexachlorobenzene
 Concen: 70.204 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.01 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion:284 Resp: 297450
 Ion Ratio Lower Upper
 284 100
 142 28.8 25.6 38.4
 249 31.9 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: 73.007 ng

RT: 16.73 min Scan# 2321

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampled :

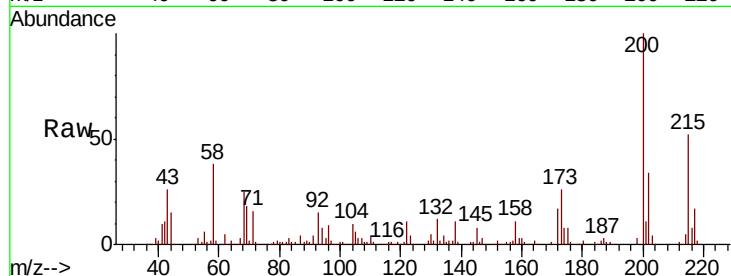
Tot Ion:200 Resp: 243424

Ion Ratio Lower Upper

200 100

173 25.6 6.6 46.6

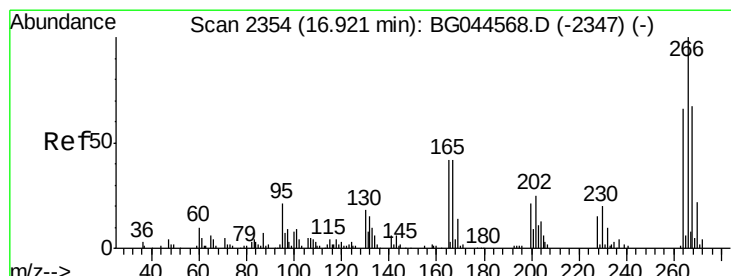
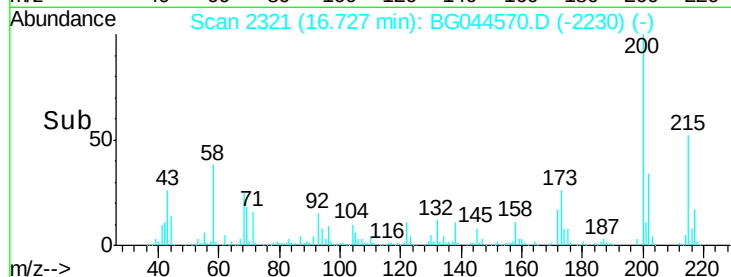
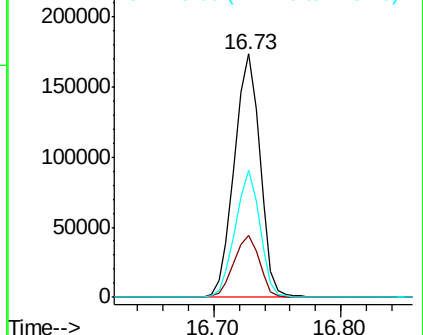
215 52.0 30.3 70.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.476 ng

RT: 16.92 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

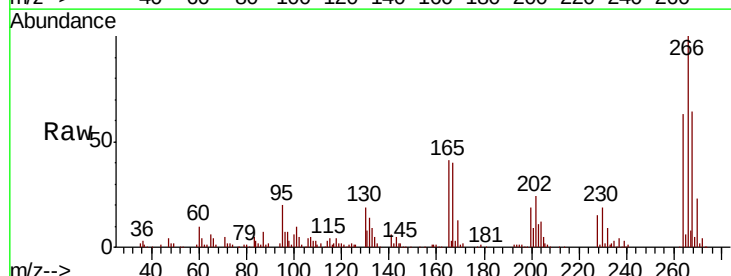
Tgt Ion:266 Resp: 140334

Ion Ratio Lower Upper

266 100

268 64.3 53.4 80.0

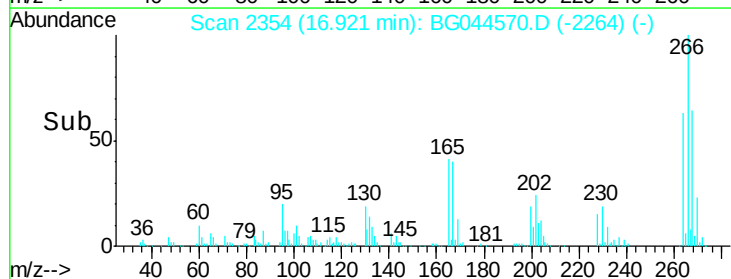
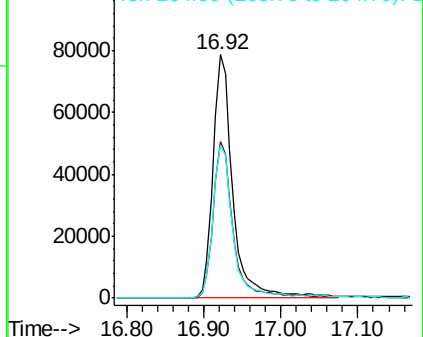
264 62.6 53.0 79.4

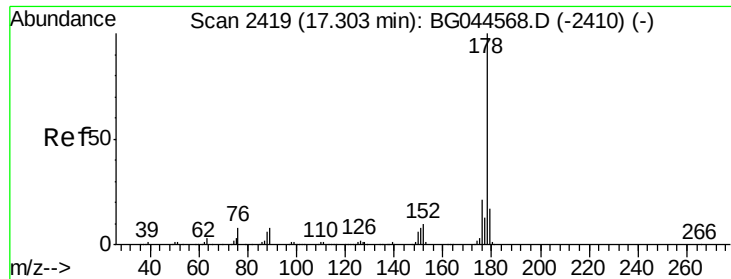


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

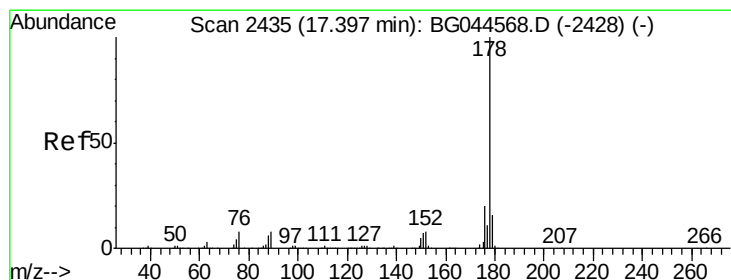
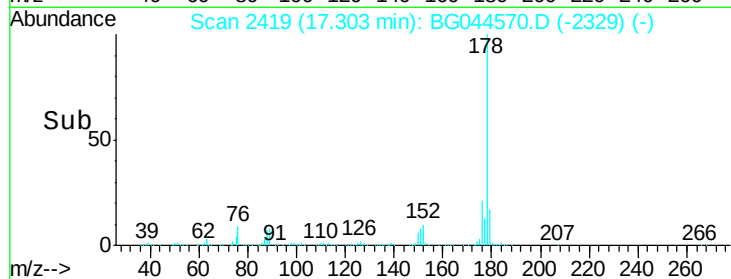
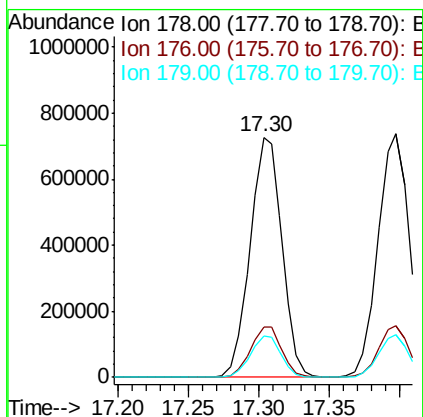
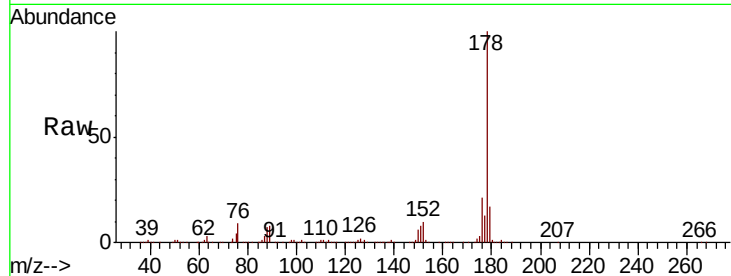




#71
Phenanthrene
Concen: 68.532 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

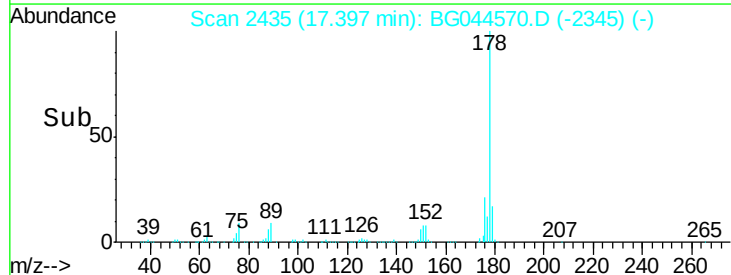
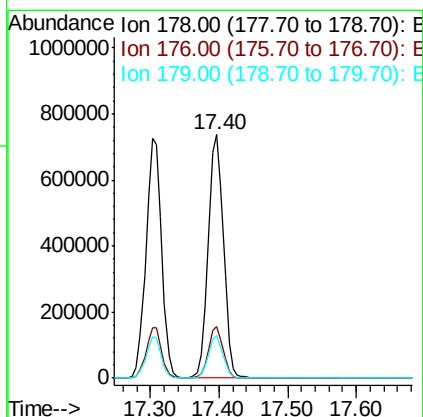
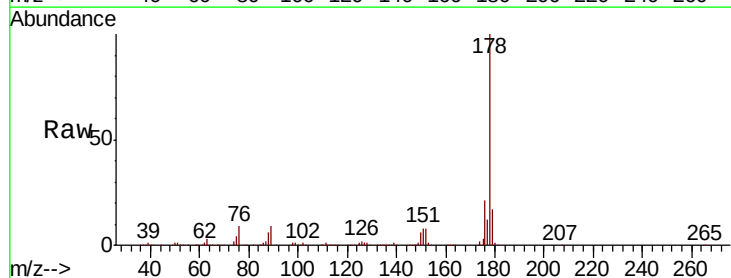
Instrument :
BNA_G
ClientSampleId :

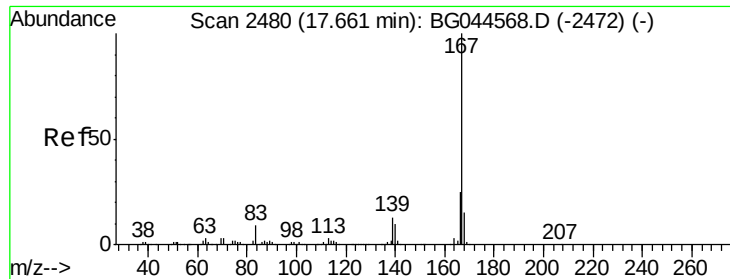
Tot Ion:178 Resp: 1151945
Ion Ratio Lower Upper
178 100
176 21.2 16.6 25.0
179 17.4 13.3 19.9



#72
Anthracene
Concen: 68.960 ng
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion:178 Resp: 1145989
Ion Ratio Lower Upper
178 100
176 21.2 15.9 23.9
179 17.5 13.1 19.7



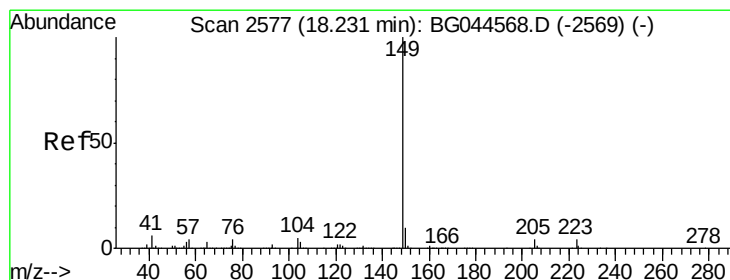
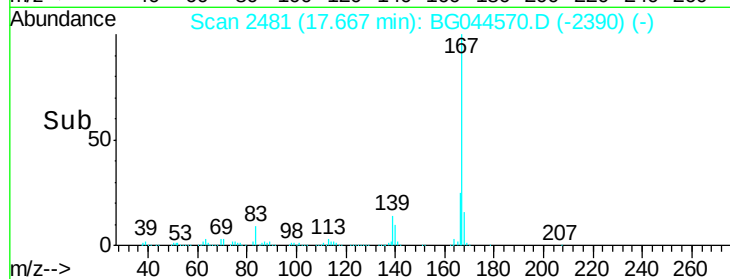
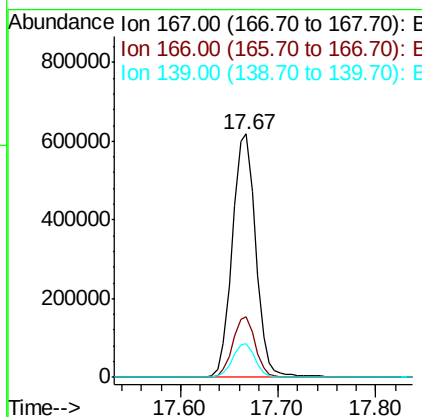
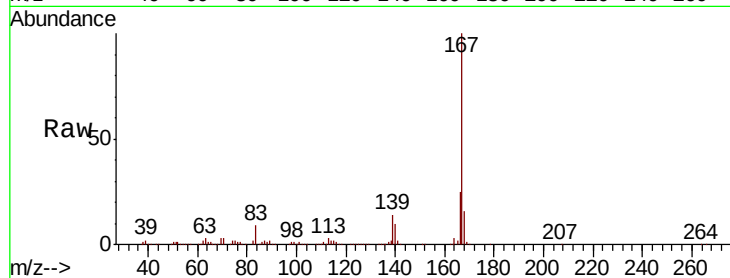


#73
 Carbazole
 Concen: 67.723 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. 0.01 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1037517

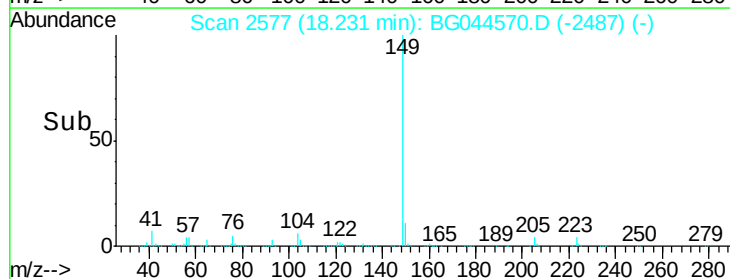
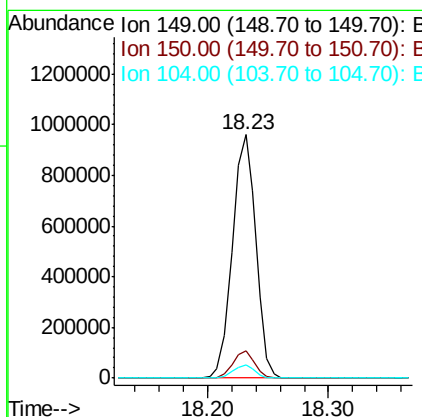
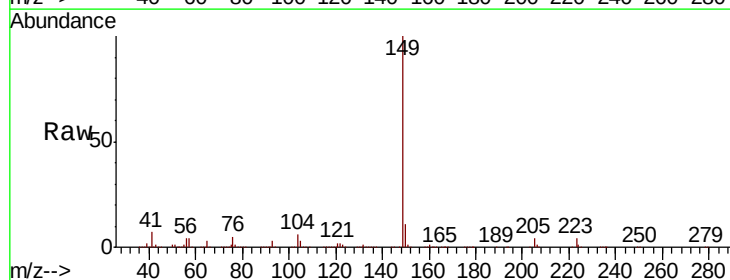
Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.7	29.5
139	13.7	10.6	15.8

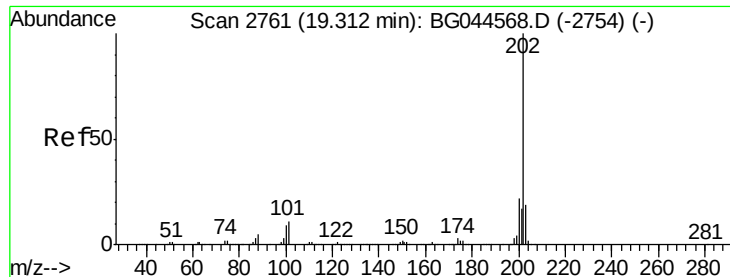


#74
 Di-n-butylphthalate
 Concen: 68.458 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion:149 Resp: 1296028

Ion	Ratio	Lower	Upper
149	100		
150	11.2	7.8	11.8
104	5.5	4.0	6.0





#75

Fluoranthene

Concen: 69.636 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.01 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

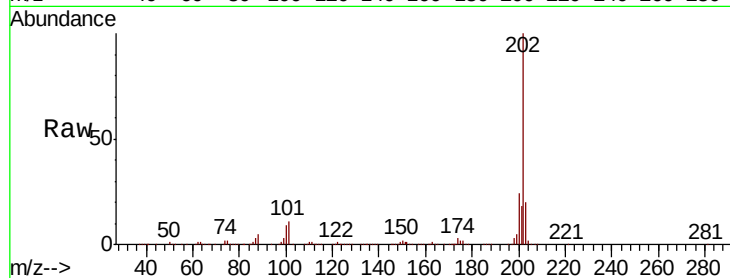
Tot Ion:202 Resp: 1354042

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.0

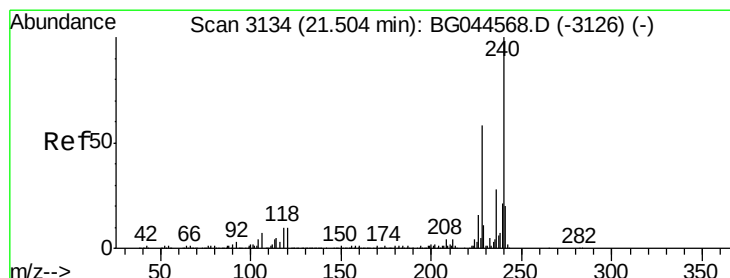
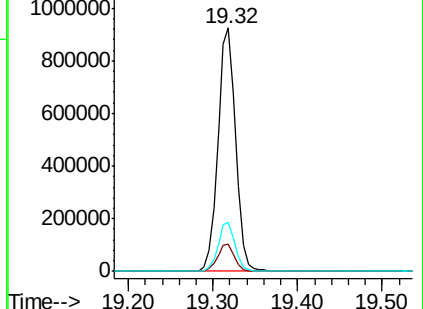
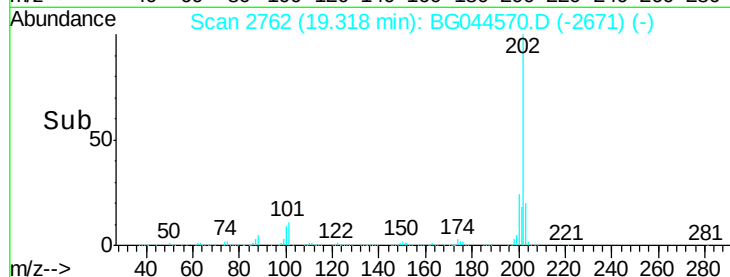
203 20.3 0.0 39.2



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: BG044570.D

Acq: 24 Feb 2020 13:52

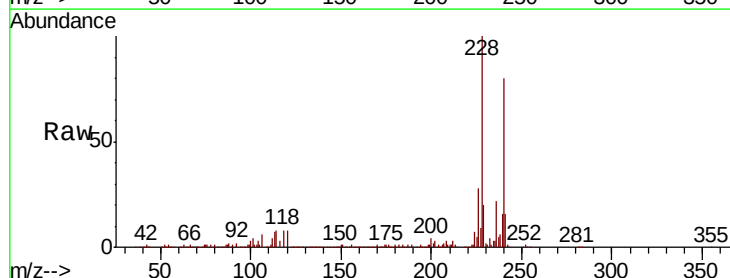
Tgt Ion:240 Resp: 315160

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

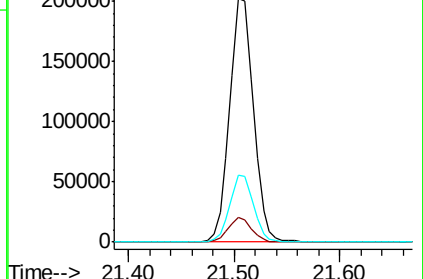
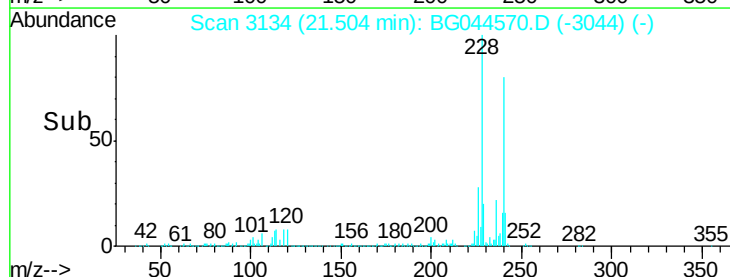
236 27.6 22.3 33.5

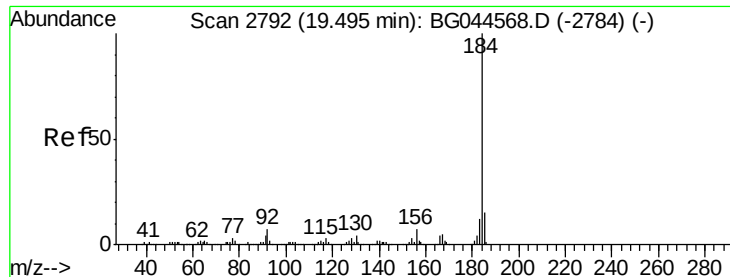


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 79.590 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

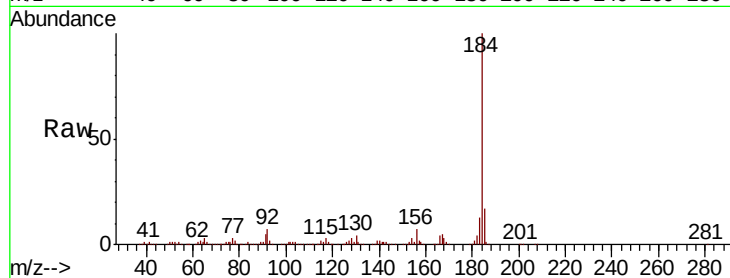
Tot Ion:184 Resp: 695762

Ion Ratio Lower Upper

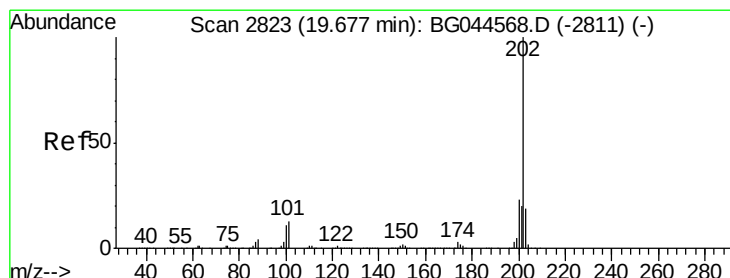
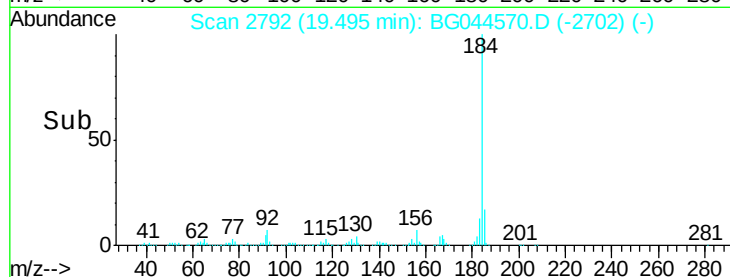
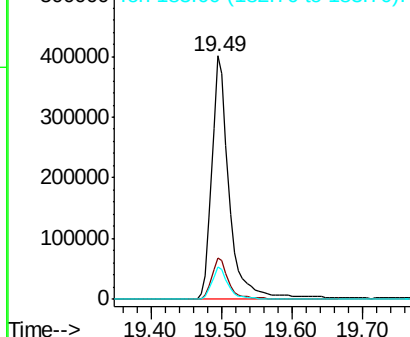
184 100

185 17.2 12.2 18.4

183 13.4 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: 67.050 ng

RT: 19.68 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

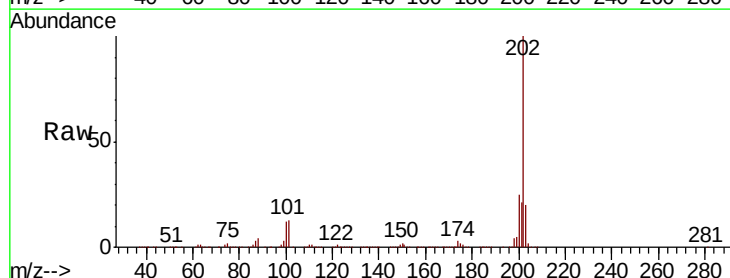
Tgt Ion:202 Resp: 1357068

Ion Ratio Lower Upper

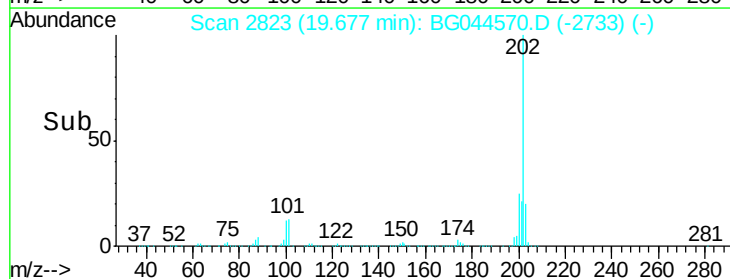
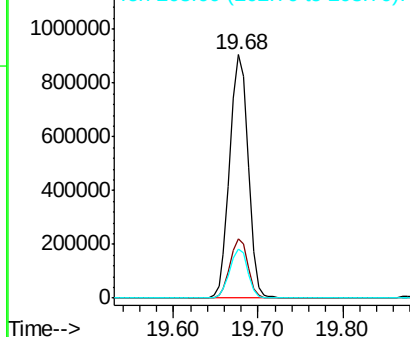
202 100

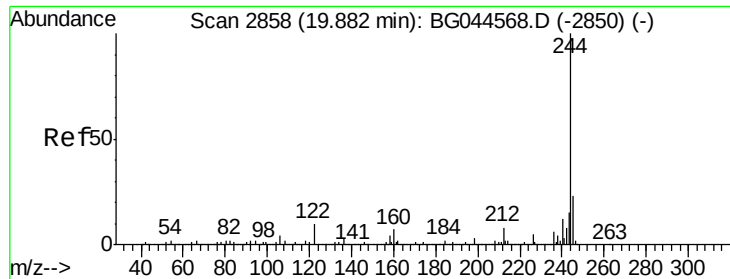
200 24.6 18.6 28.0

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: 125.145 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

Instrument :

BNA_G

ClientSampleId :

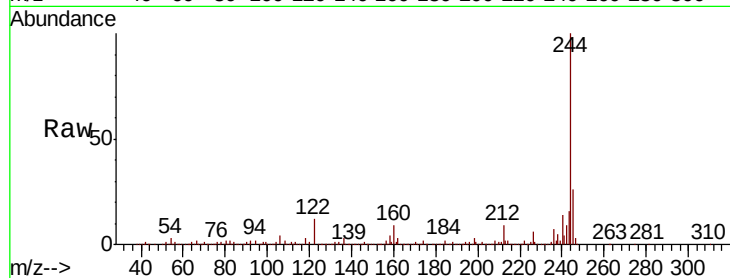
Tot Ion:244 Resp: 1917514

Ion Ratio Lower Upper

244 100

212 9.5 6.5 9.7

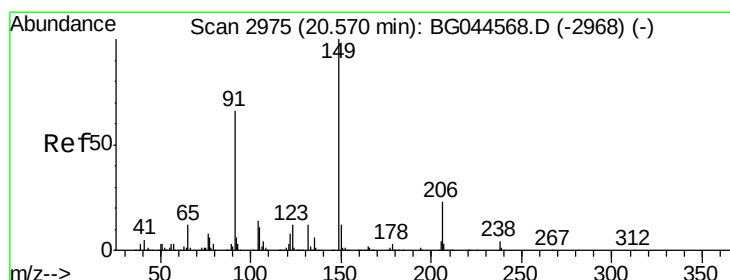
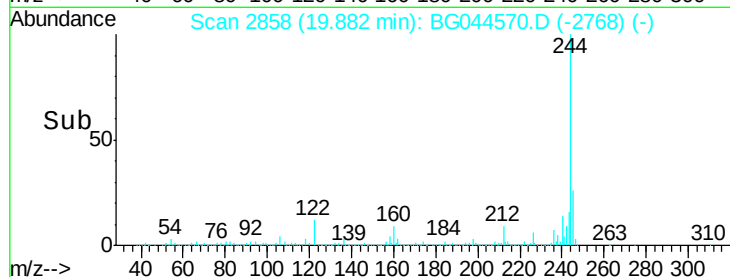
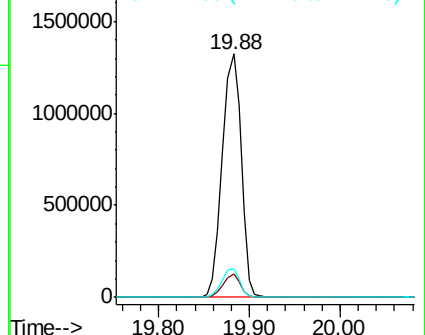
122 12.0 8.2 12.4



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: 66.868 ng

RT: 20.57 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG044570.D

Acq: 24 Feb 2020 13:52

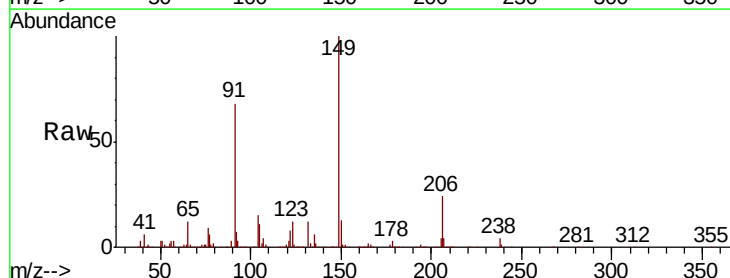
Tgt Ion:149 Resp: 616757

Ion Ratio Lower Upper

149 100

91 68.0 52.7 79.1

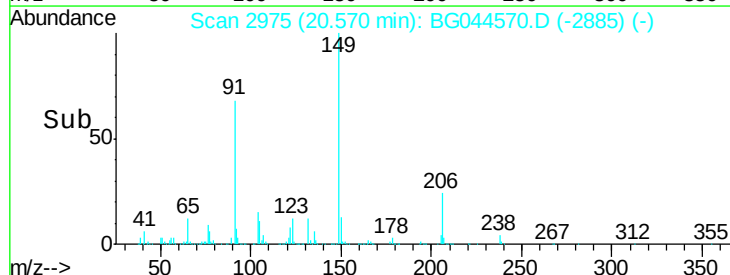
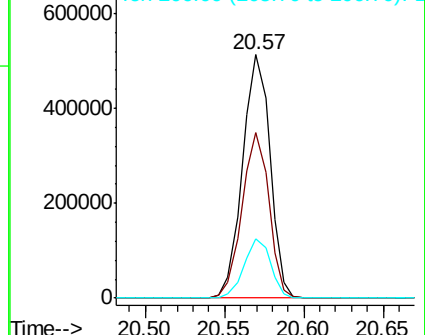
206 24.5 18.6 28.0

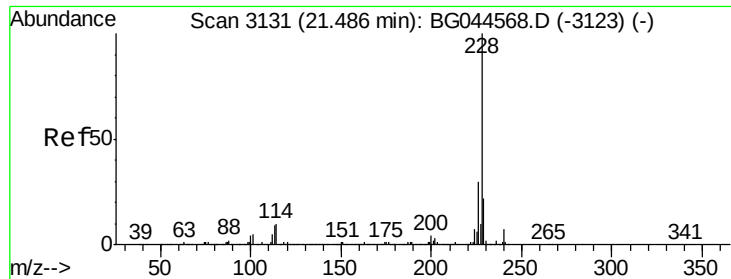


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

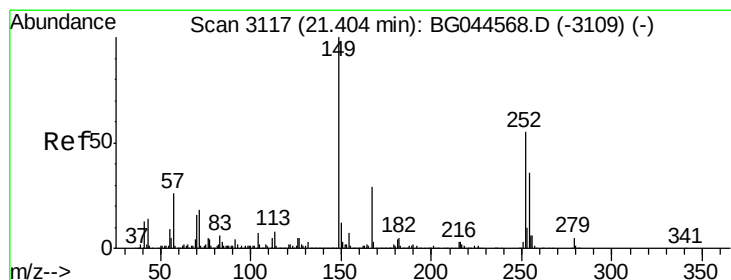
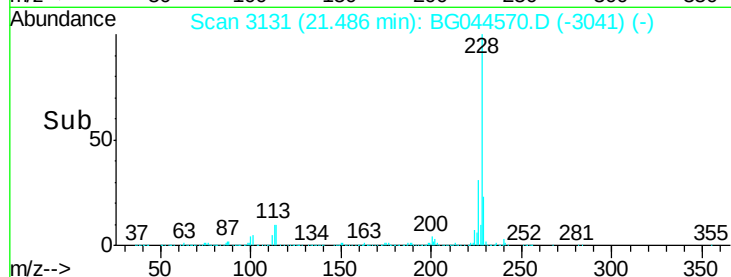
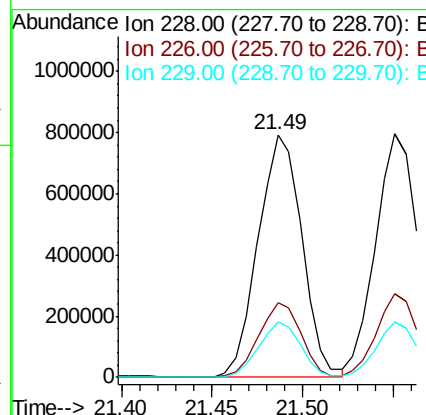
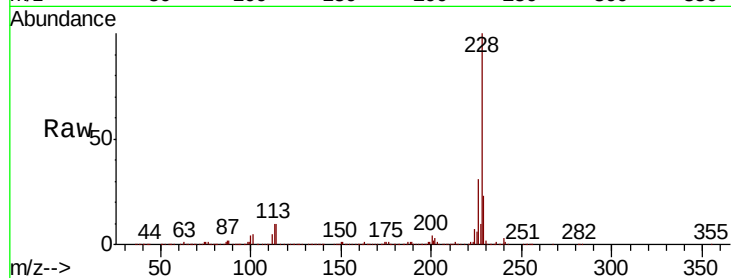




#81
Benzo(a)anthracene
Concen: 68.777 ng
RT: 21.49 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

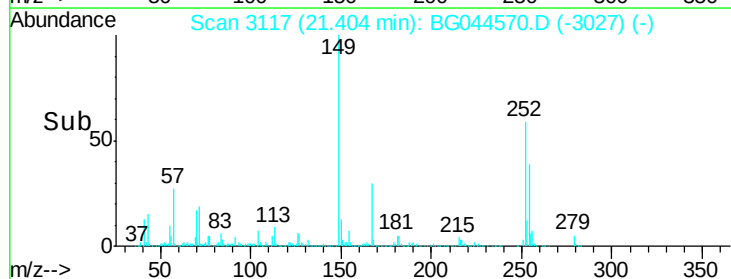
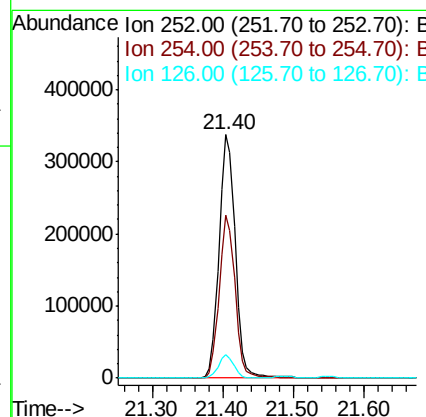
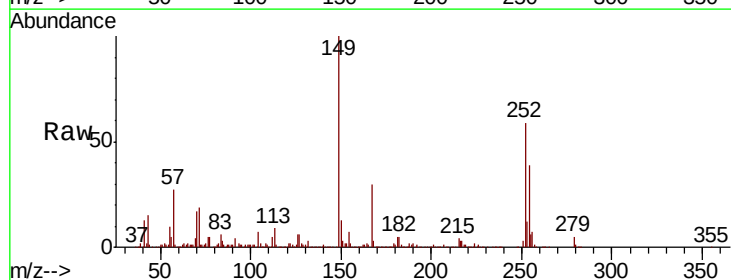
Instrument :
BNA_G
ClientSampleId :

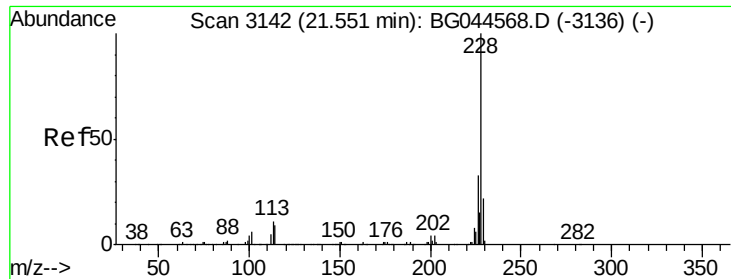
Tot Ion:228 Resp: 1335893
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 22.6 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 71.829 ng
RT: 21.40 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion:252 Resp: 541481
Ion Ratio Lower Upper
252 100
254 66.8 51.5 77.3
126 9.7 7.8 11.6

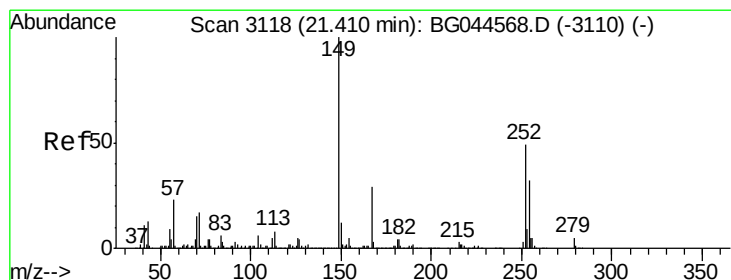
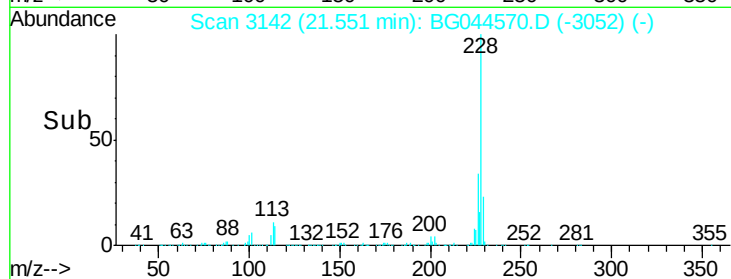
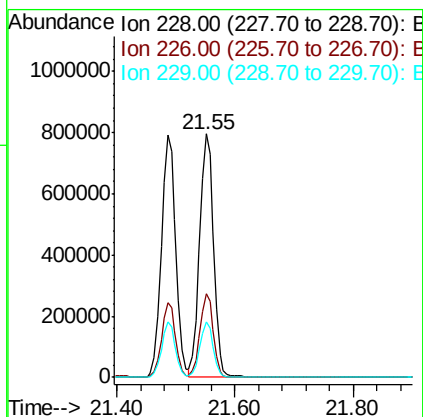
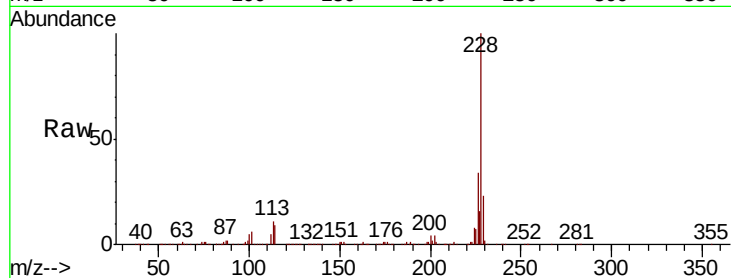




#83
 Chrysene
 Concen: 68.959 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

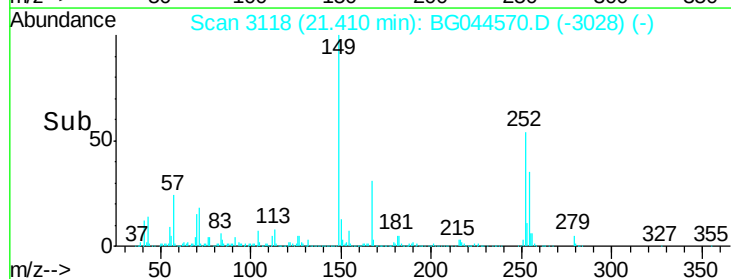
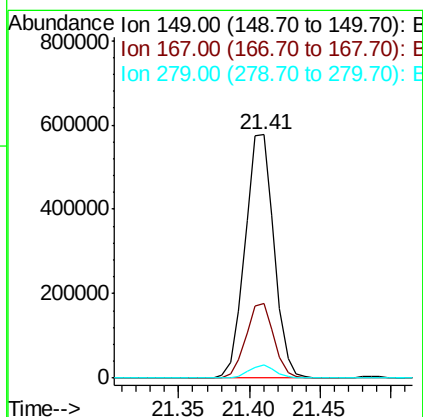
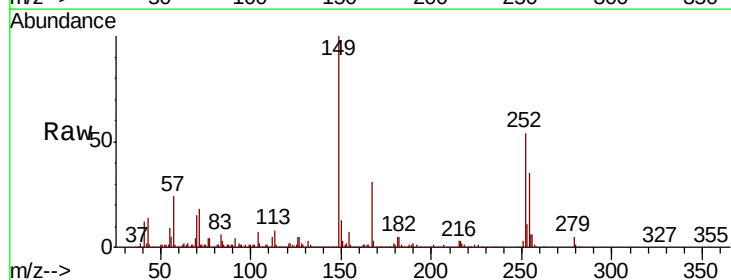
Instrument :
 BNA_G
 ClientSampleId :

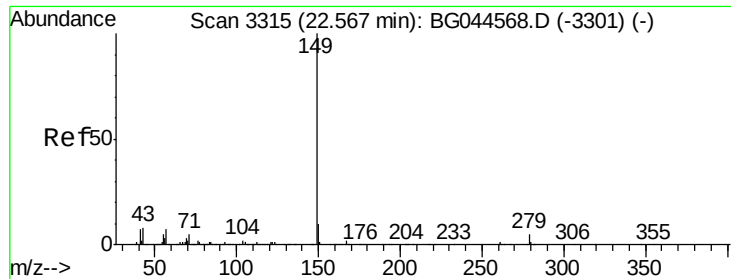
Tot Ion:228 Resp: 1294688
 Ion Ratio Lower Upper
 228 100
 226 34.2 26.1 39.1
 229 22.6 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 65.113 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: BG044570.D
 Acq: 24 Feb 2020 13:52

Tgt Ion:149 Resp: 826626
 Ion Ratio Lower Upper
 149 100
 167 30.6 23.4 35.0
 279 5.3 4.2 6.4

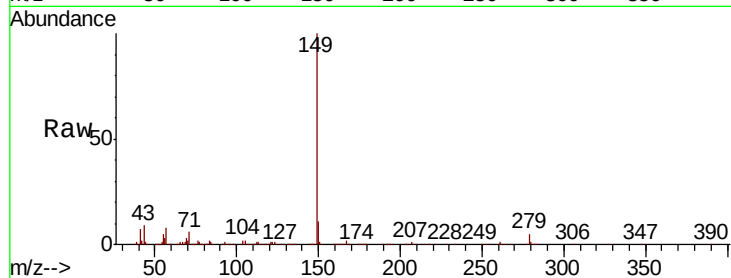




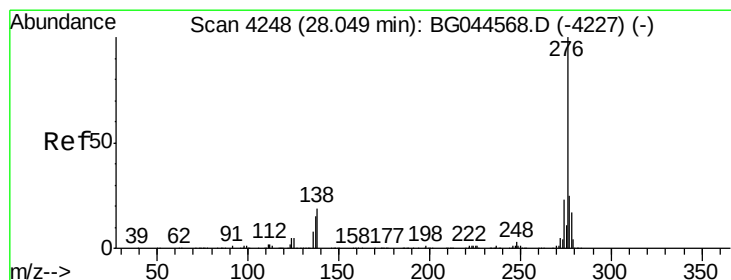
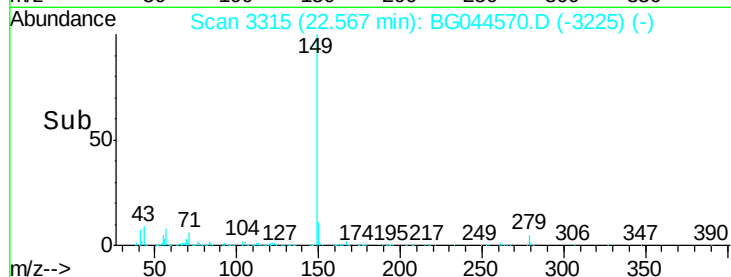
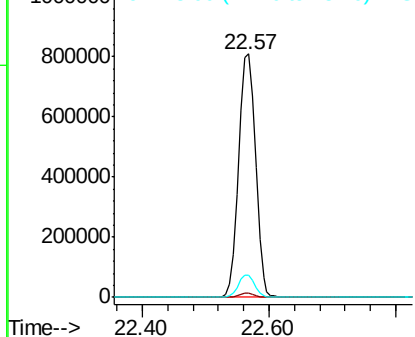
#85
Di-n-octyl phthalate
Concen: 67.093 ng
RT: 22.57 min Scan# 3315
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 1473753
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 6.6 10.0

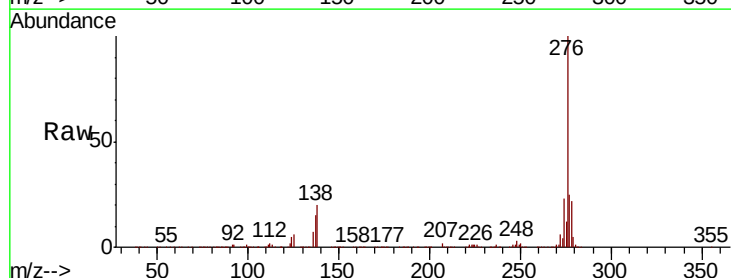


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

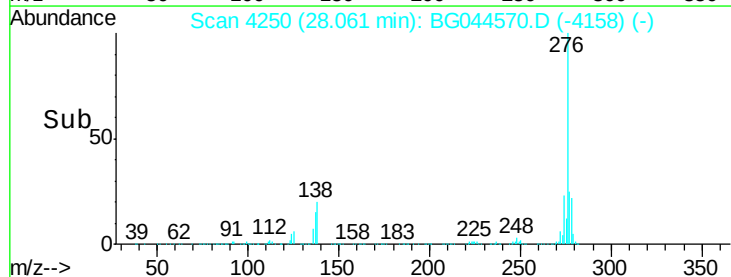
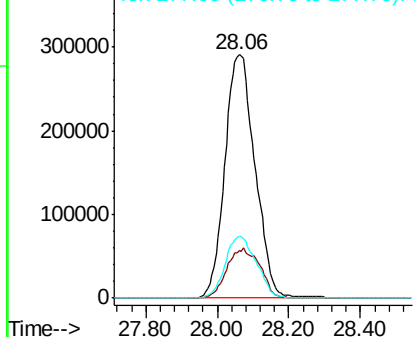


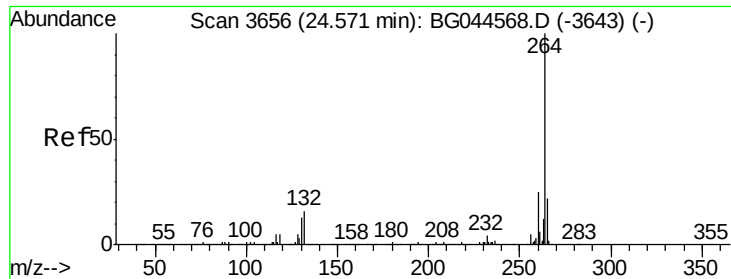
#86
Indeno(1,2,3-cd)pyrene
Concen: 69.527 ng
RT: 28.06 min Scan# 4250
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion:276 Resp: 1703013
Ion Ratio Lower Upper
276 100
138 22.5 18.2 27.4
277 26.2 20.7 31.1



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

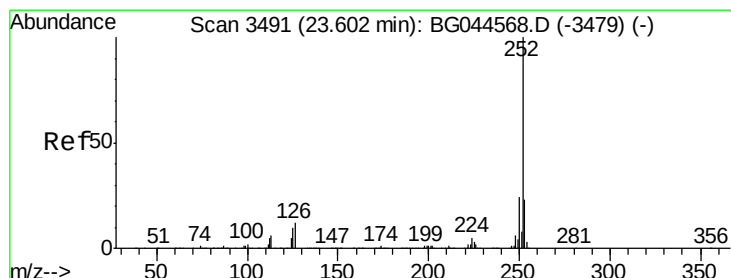
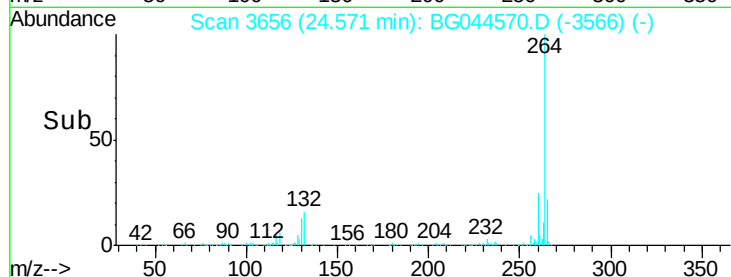
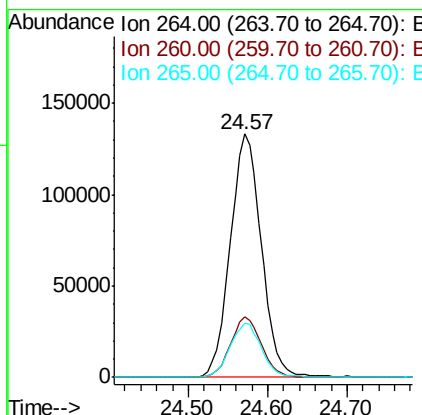
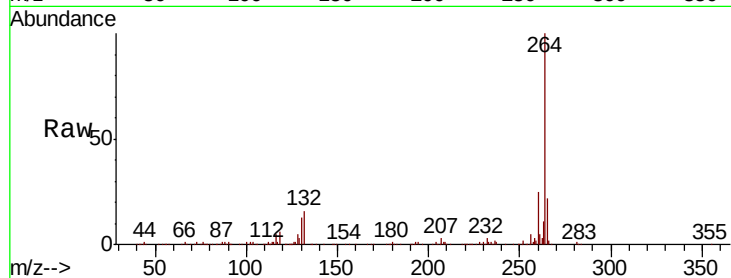




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3656
Delta R.T. 0.00 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

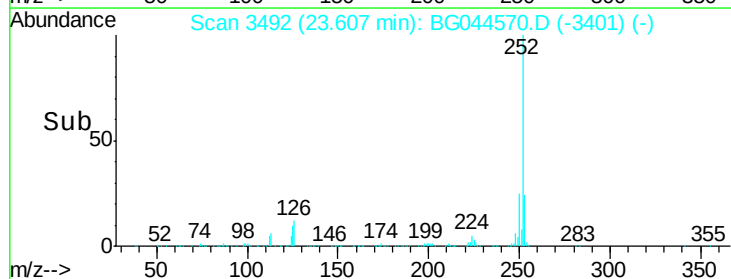
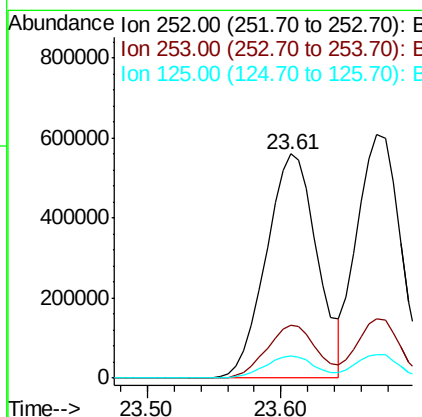
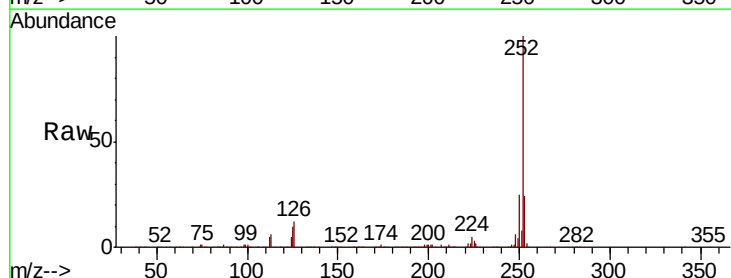
Instrument :
BNA_G
ClientSampleId :

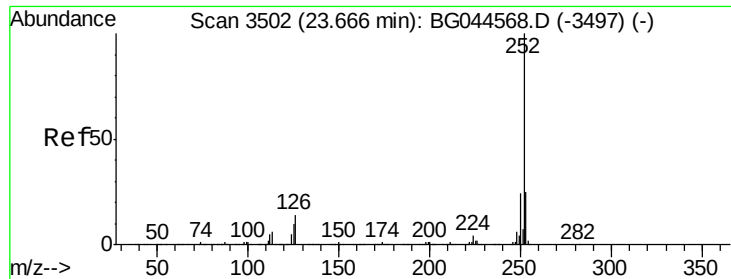
Tot Ion:264 Resp: 361661
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 22.1 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 71.340 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion:252 Resp: 1486729
Ion Ratio Lower Upper
252 100
253 23.7 18.4 27.6
125 9.6 7.9 11.9

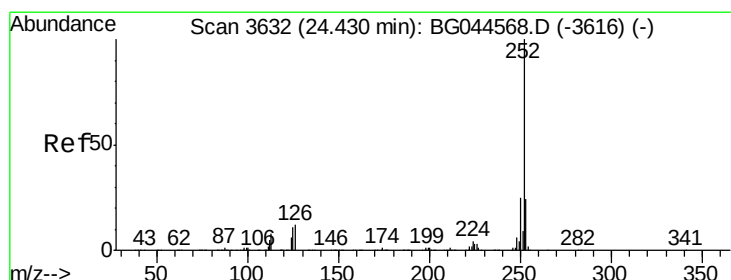
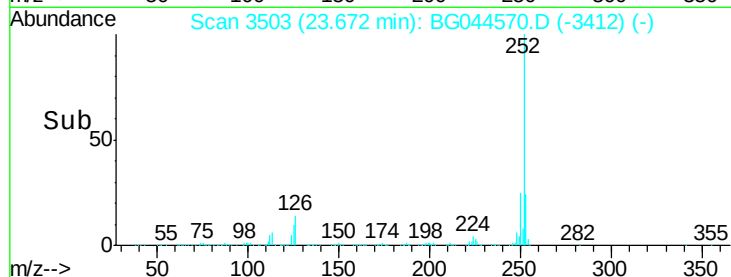
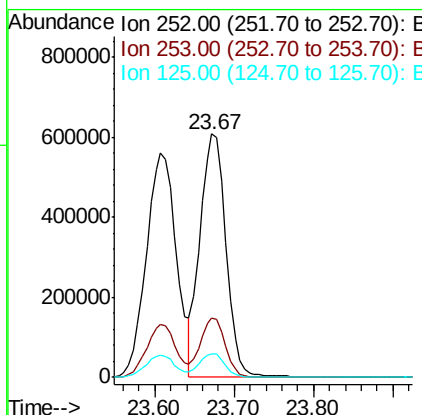
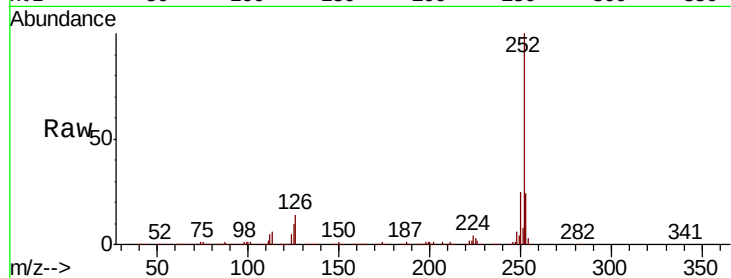




#89
Benzo(k)fluoranthene
Concen: 68.163 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

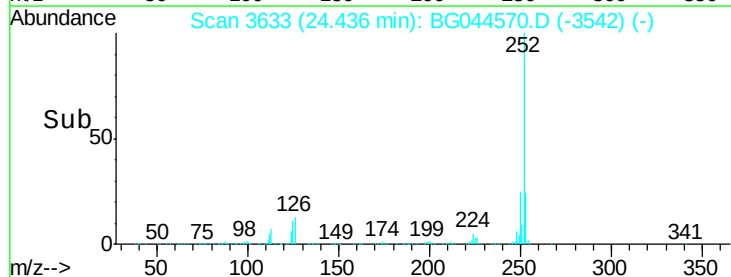
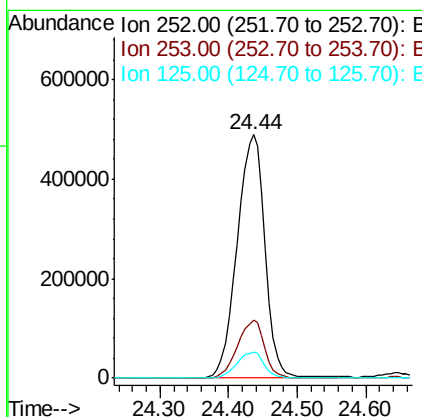
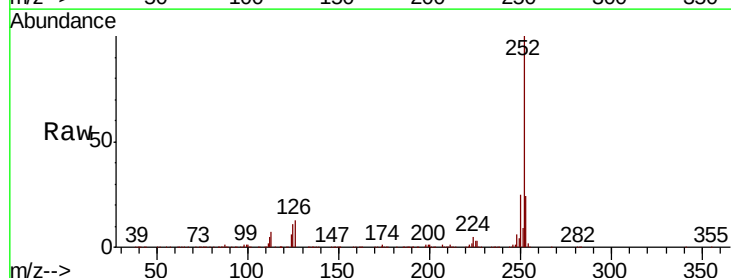
Instrument :
BNA_G
ClientSampleId :

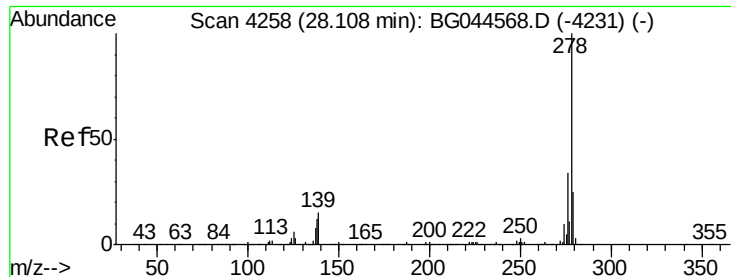
Tot Ion:252 Resp: 1384489
Ion Ratio Lower Upper
252 100
253 24.3 19.0 28.6
125 9.9 7.8 11.8



#90
Benzo(a)pyrene
Concen: 69.919 ng
RT: 24.44 min Scan# 3633
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion:252 Resp: 1377698
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.4
125 10.7 8.5 12.7

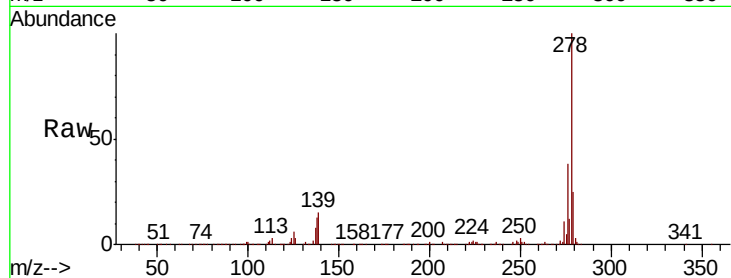




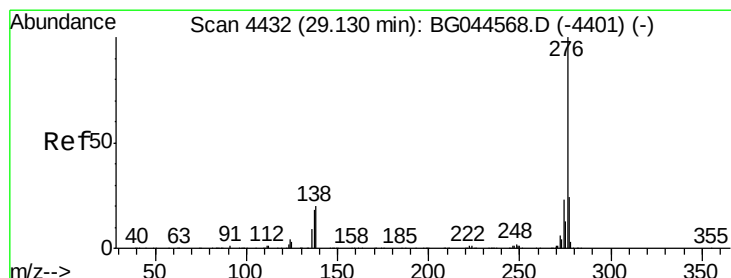
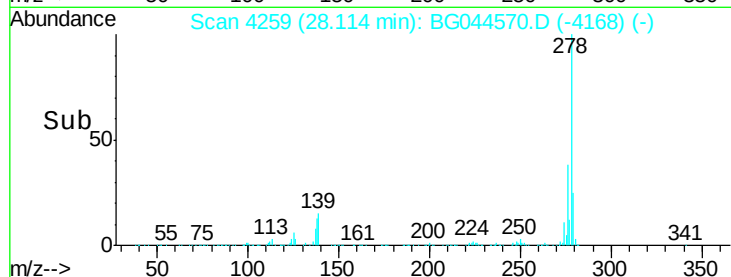
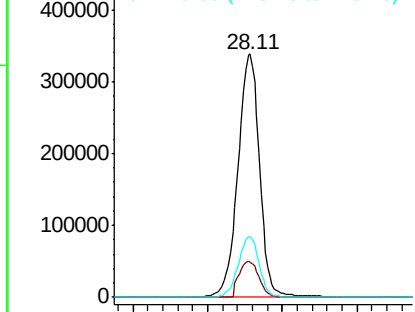
#91
Dibenzo(a,h)anthracene
Concen: 70.189 ng
RT: 28.11 min Scan# 4259
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1368722
Ion Ratio Lower Upper
278 100
139 14.5 11.7 17.5
279 25.1 19.8 29.6

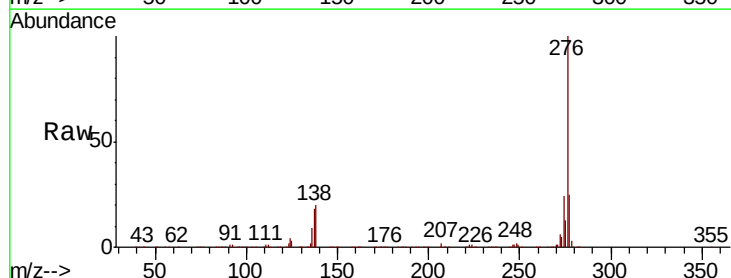


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 69.661 ng
RT: 29.14 min Scan# 4434
Delta R.T. 0.01 min
Lab File: BG044570.D
Acq: 24 Feb 2020 13:52

Tgt Ion:276 Resp: 1359888
Ion Ratio Lower Upper
276 100
277 24.6 19.5 29.3
138 19.6 16.1 24.1



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

