

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044594.D
 Acq On : 26 Feb 2020 2:32
 Operator : CG/JU
 Sample : PB127049BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:05:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	67500	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	277042	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	172251	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	421377	20.00	ng	0.00
76) Chrysene-d12	21.50	240	450203	20.00	ng	0.00
87) Perylene-d12	24.57	264	311259	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	480433	114.20	ng	0.00
7) Phenol-d6	7.05	99	656719	114.04	ng	0.00
23) Nitrobenzene-d5	9.03	82	366773	68.20	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	287896	117.88	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	878286	73.02	ng	0.00
79) Terphenyl-d14	19.88	244	1506606	63.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	57046	31.074	ng	98
3) Pyridine	3.72	79	142215	27.763	ng	99
4) n-Nitrosodimethylamine	3.64	42	69491	35.718	ng	93
6) Aniline	7.20	93	125070	17.839	ng	97
8) 2-Chlorophenol	7.44	128	175042	38.115	ng	99
9) Benzaldehyde	7.03	77	470	0.139	ng	# 61
10) Phenol	7.08	94	214684	38.470	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	166000	35.384	ng	97
12) 1,3-Dichlorobenzene	7.77	146	184029	33.598	ng	100
13) 1,4-Dichlorobenzene	7.91	146	185884	33.768	ng	98
14) 1,2-Dichlorobenzene	8.22	146	175760	33.574	ng	98
15) Benzyl Alcohol	8.11	79	141976	36.557	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	210947	33.458	ng	99
17) 2-Methylphenol	8.33	107	149493	37.498	ng	98
18) Hexachloroethane	8.96	117	66830	33.220	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	125730	33.967	ng	100
20) 3+4-Methylphenols	8.65	107	206330	37.803	ng	100
22) Acetophenone	8.69	105	244367	35.132	ng	99
24) Nitrobenzene	9.08	77	179196	34.395	ng	99
25) Isophorone	9.60	82	349070	34.699	ng	99
26) 2-Nitrophenol	9.79	139	100723	35.649	ng	99
27) 2,4-Dimethylphenol	9.86	122	163969	41.332	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	221600	33.310	ng	99
29) 2,4-Dichlorophenol	10.33	162	178495	37.634	ng	100
30) 1,2,4-Trichlorobenzene	10.54	180	182040	33.187	ng	99
31) Naphthalene	10.72	128	520468	34.429	ng	99
32) Benzoic acid	10.02	122	100045	57.862	ng	96
33) 4-Chloroaniline	10.83	127	107017	16.073	ng	99
34) Hexachlorobutadiene	11.02	225	108034	31.362	ng	99
35) Caprolactam	11.60	113	29105	17.142	ng	96
36) 4-Chloro-3-methylphenol	11.97	107	194302	39.798	ng	96
37) 2-Methylnaphthalene	12.34	142	396968	35.531	ng	98
38) 1-Methylnaphthalene	12.55	142	377662	35.575	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	207822	35.838	ng	100

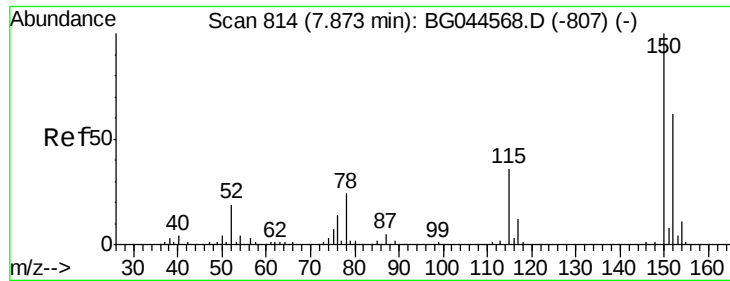
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044594.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	100528	41.059	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	146439	38.892	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	159811	41.318	ng	98
46) 1,1'-Biphenyl	13.35	154	510491	35.812	ng	99
47) 2-Chloronaphthalene	13.39	162	399061	35.701	ng	99
48) 2-Nitroaniline	13.59	65	117016	37.713	ng	95
49) Acenaphthylene	14.23	152	623697	37.800	ng	100
50) Dimethylphthalate	13.97	163	525704	37.813	ng	99
51) 2,6-Dinitrotoluene	14.09	165	119861	39.091	ng	95
52) Acenaphthene	14.58	154	388996	36.984	ng	98
53) 3-Nitroaniline	14.42	138	80047	24.206	ng	97
54) 2,4-Dinitrophenol	14.63	184	142292	78.136	ng	96
55) Dibenzofuran	14.92	168	622893	38.630	ng	99
56) 4-Nitrophenol	14.75	139	212954	93.619	ng	99
57) 2,4-Dinitrotoluene	14.88	165	171303	39.737	ng	98
58) Fluorene	15.56	166	500682	39.162	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	147726	41.475	ng	98
60) Diethylphthalate	15.34	149	538681	39.104	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	262292	37.732	ng	100
62) 4-Nitroaniline	15.59	138	120796	36.481	ng	97
63) Azobenzene	15.85	77	462421	39.444	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	107020	41.017	ng	97
66) n-Nitrosodiphenylamine	15.77	169	469618	35.729	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	177732	33.980	ng	98
68) Hexachlorobenzene	16.58	284	195322	33.029	ng	97
69) Atrazine	16.72	200	71694	14.754	ng	97
70) Pentachlorophenol	16.92	266	326510	109.849	ng	97
71) Phenanthrene	17.30	178	837350	35.893	ng	99
72) Anthracene	17.40	178	826239	35.939	ng	99
73) Carbazole	17.67	167	788633	37.686	ng	100
74) Di-n-butylphthalate	18.23	149	974703	37.170	ng	99
75) Fluoranthene	19.32	202	1043856	37.798	ng	99
77) Benzidine	19.50	184	91948	5.962	ng	97
78) Pyrene	19.67	202	1053801	32.245	ng	99
80) Butylbenzylphthalate	20.57	149	459795	32.165	ng	99
81) Benzo(a)anthracene	21.48	228	1030644	32.572	ng	100
82) 3,3'-Dichlorobenzidine	21.40	252	296273	23.701	ng	100
83) Chrysene	21.55	228	968450	31.656	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	645094	32.751	ng	99
85) Di-n-octyl phthalate	22.56	149	1126471	32.505	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1230518	31.341	ng	99
88) Benzo(b)fluoranthene	23.60	252	1099085	53.706	ng	99
89) Benzo(k)fluoranthene	23.66	252	1034803	52.114	ng	100
90) Benzo(a)pyrene	24.43	252	1021676	53.135	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1034350	54.394	ng	99
92) Benzo(g,h,i)perylene	29.13	276	1040537	54.615	ng	99

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

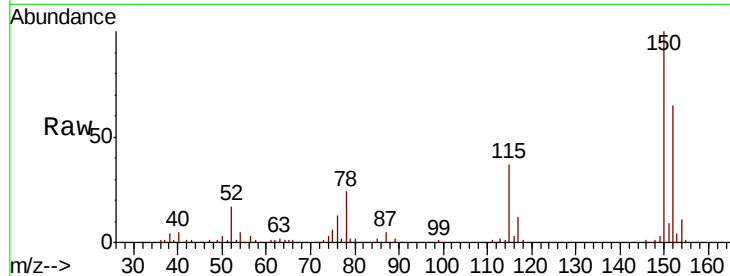


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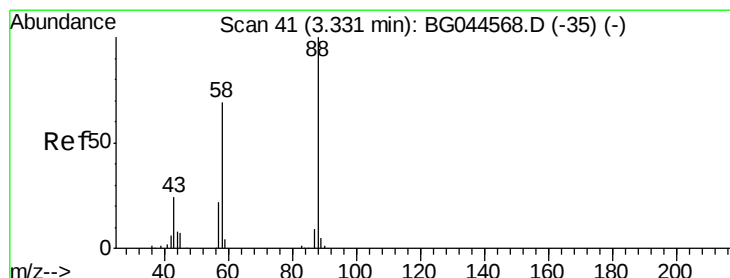
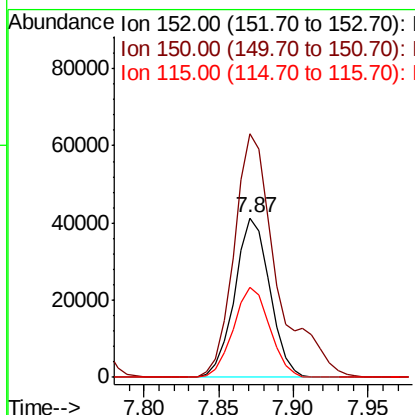
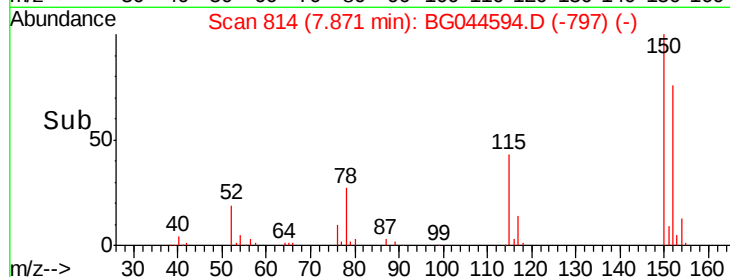
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67500
Ion Ratio Lower Upper
152 100
150 152.9 128.9 193.3
115 56.4 47.0 70.4



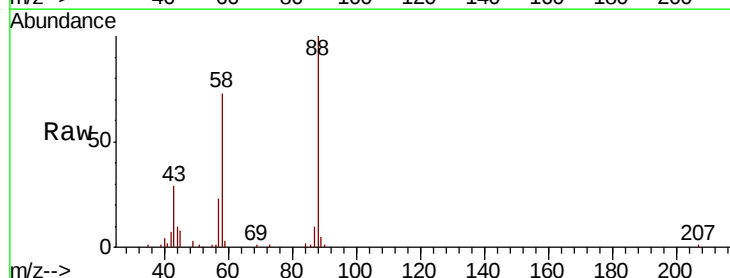
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



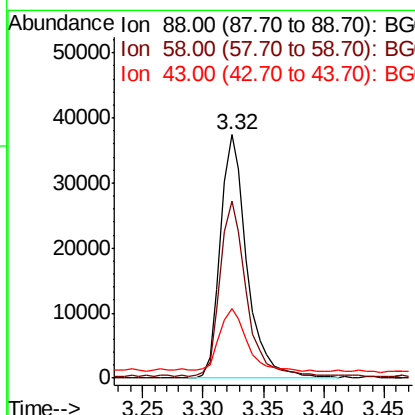
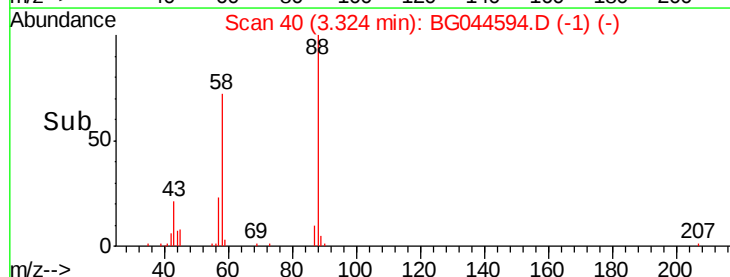
#2

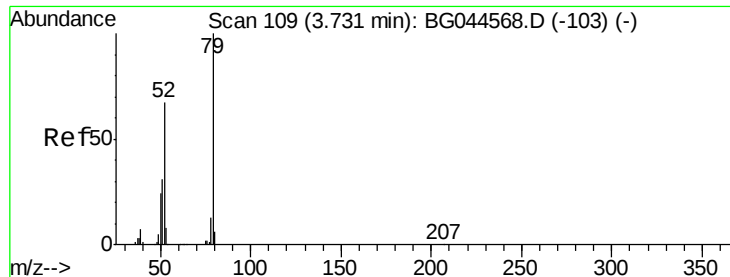
1,4-Dioxane
Concen: 31.074 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion: 88 Resp: 57046
Ion Ratio Lower Upper
88 100
58 70.9 55.8 83.8
43 26.9 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: 27.763 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

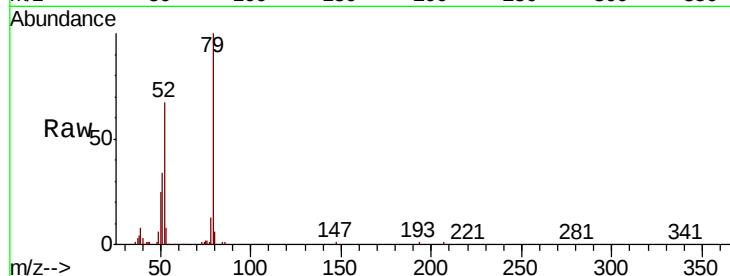
Tot Ion: 79 Resp: 142215

Ion Ratio Lower Upper

79 100

52 66.8 53.7 80.5

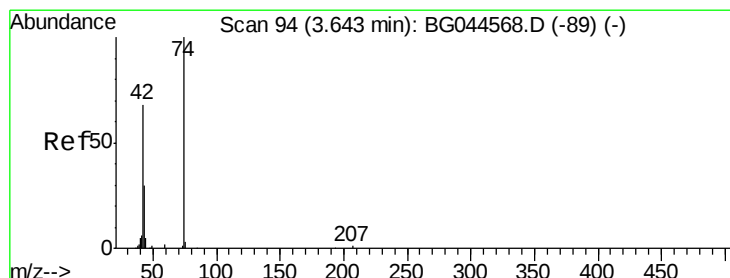
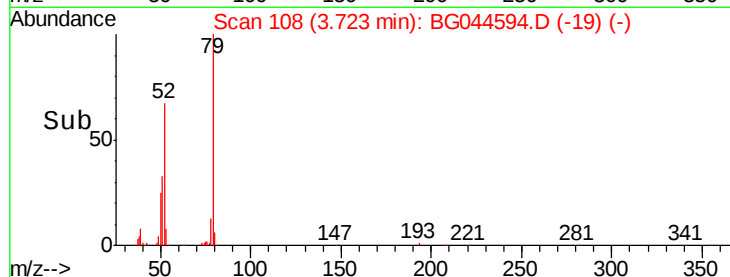
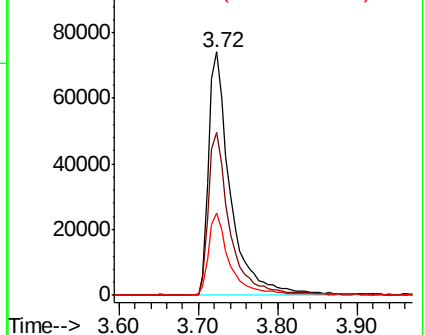
51 33.6 25.4 38.0



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: 35.718 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

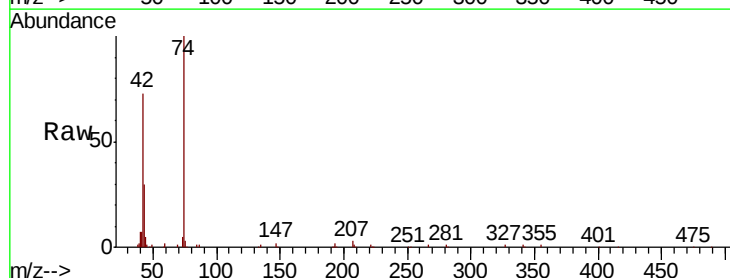
Tgt Ion: 42 Resp: 69491

Ion Ratio Lower Upper

42 100

74 137.6 117.6 176.4

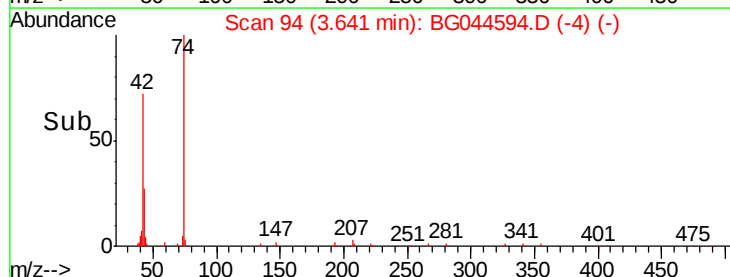
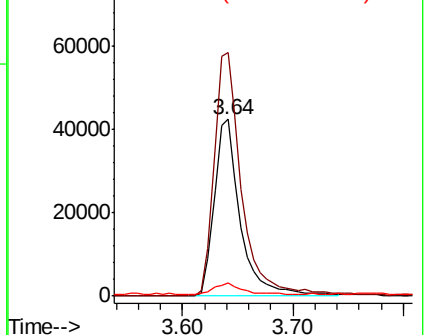
44 7.2 6.3 9.5

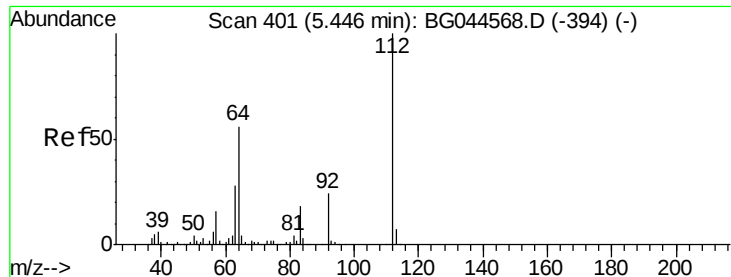


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 114.199 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampleId :

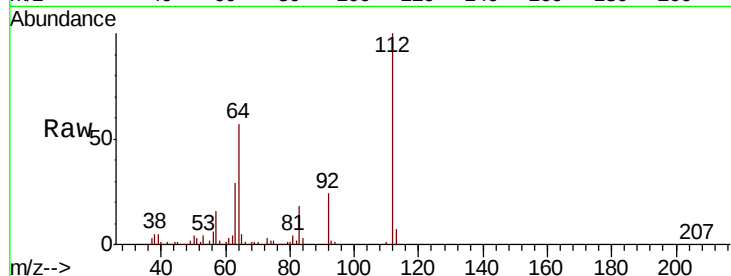
Tot Ion:112 Resp: 480433

Ion Ratio Lower Upper

112 100

64 56.6 44.8 67.2

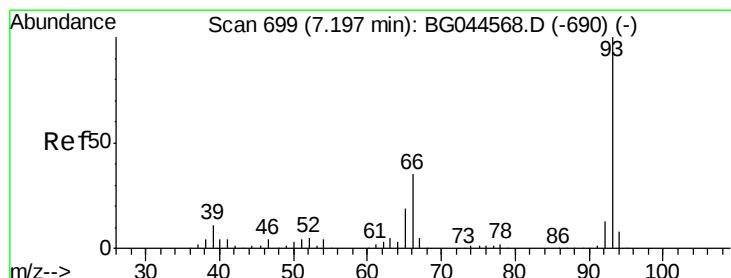
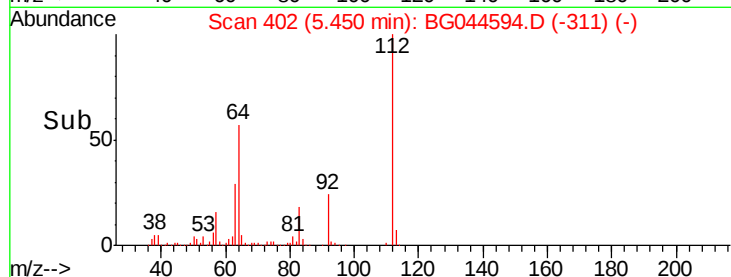
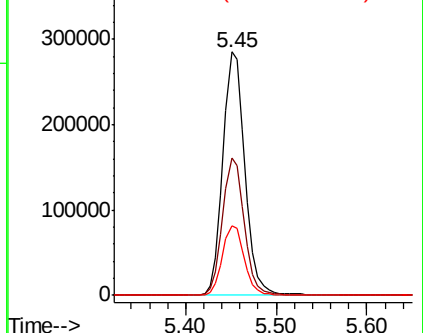
63 28.7 22.3 33.5



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: 17.839 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

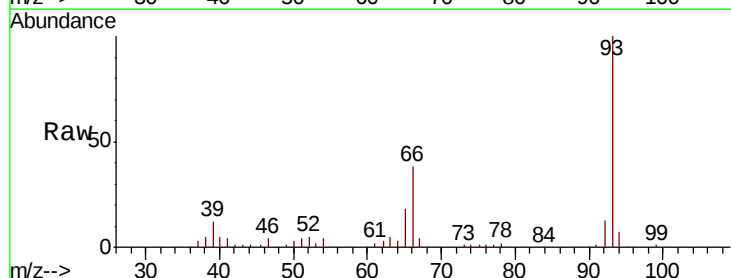
Tgt Ion: 93 Resp: 125070

Ion Ratio Lower Upper

93 100

66 37.6 27.8 41.8

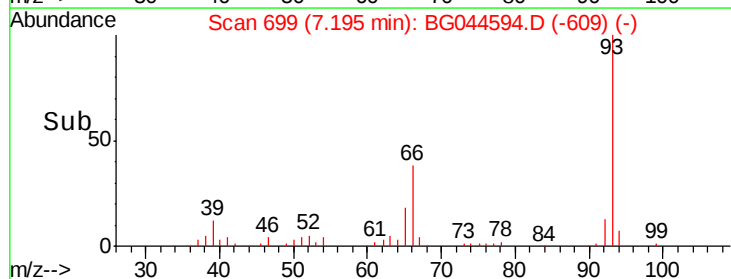
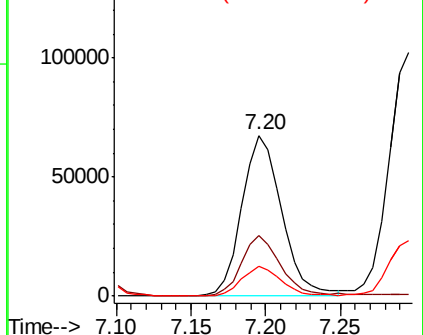
65 18.4 14.9 22.3



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.042 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

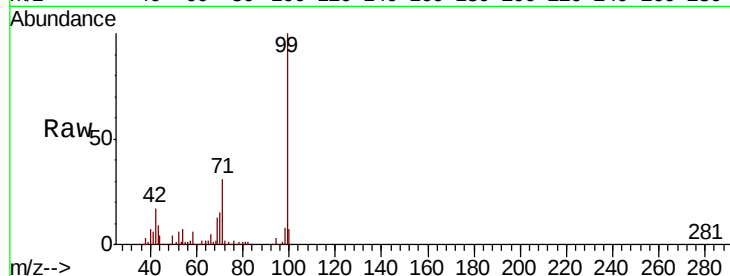
Tot Ion: 99 Resp: 656719

Ion Ratio Lower Upper

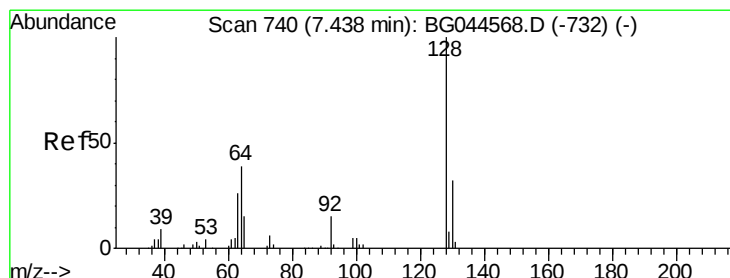
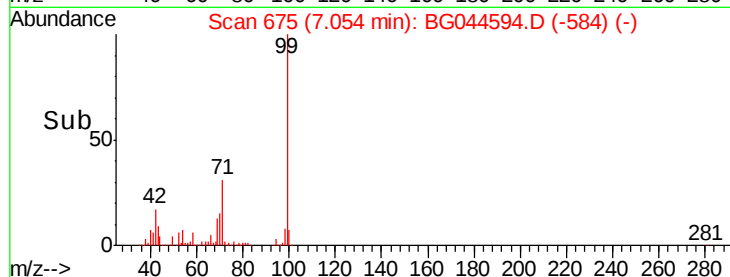
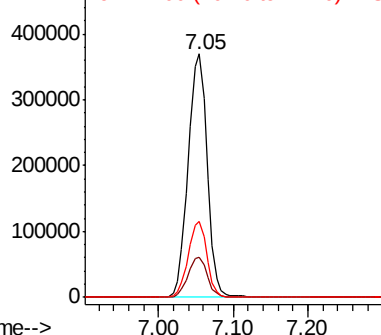
99 100

42 16.7 12.8 19.2

71 31.3 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: 38.115 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

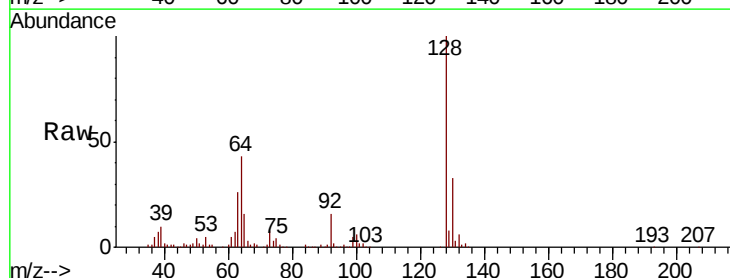
Tgt Ion:128 Resp: 175042

Ion Ratio Lower Upper

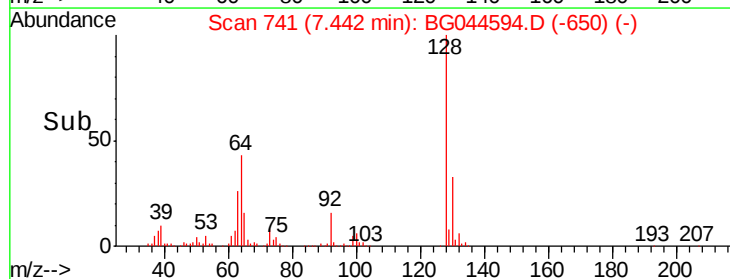
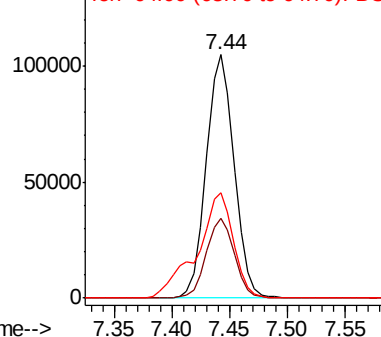
128 100

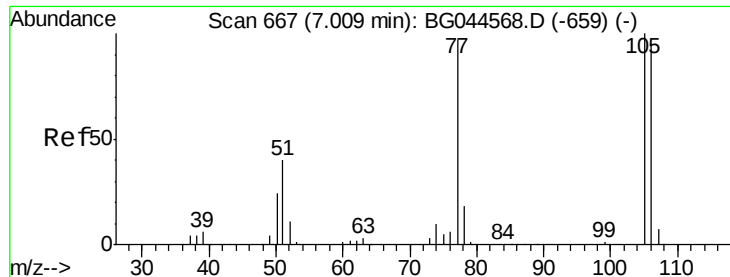
130 32.9 12.3 52.3

64 43.2 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

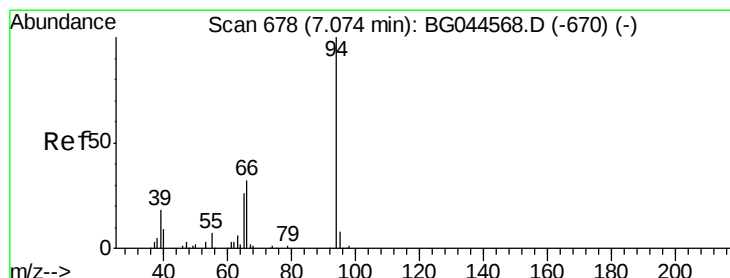
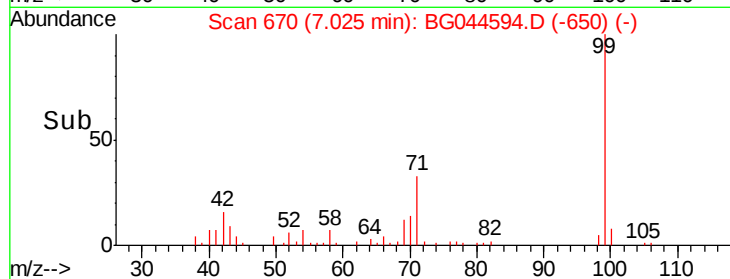
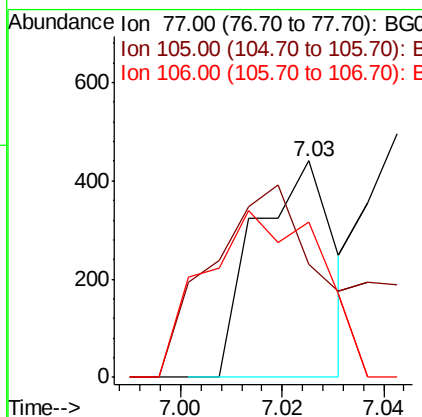
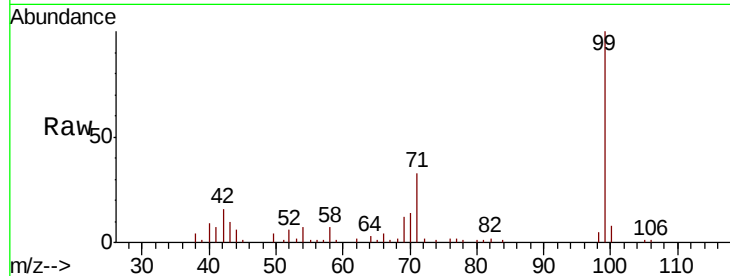




#9
Benzaldehyde
Concen: 0.139 ng
RT: 7.03 min Scan# 670
Delta R.T. 0.02 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

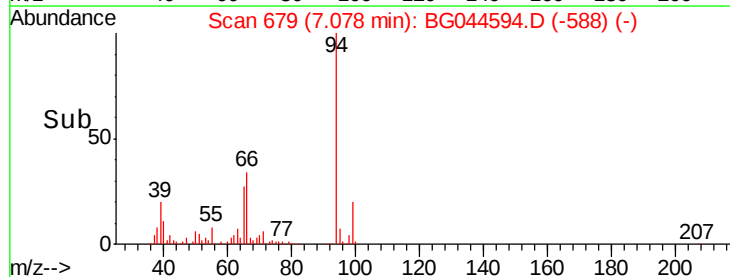
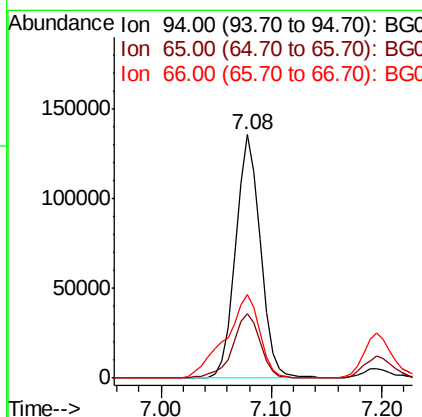
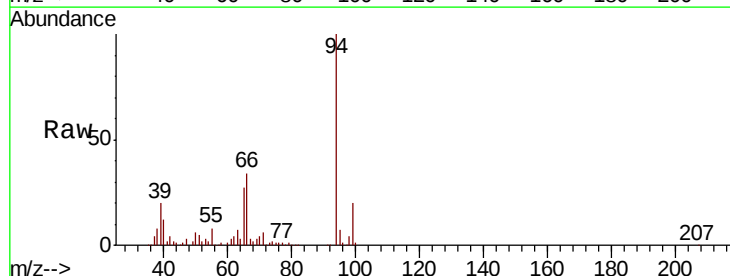
Instrument :
BNA_G
ClientSampled :

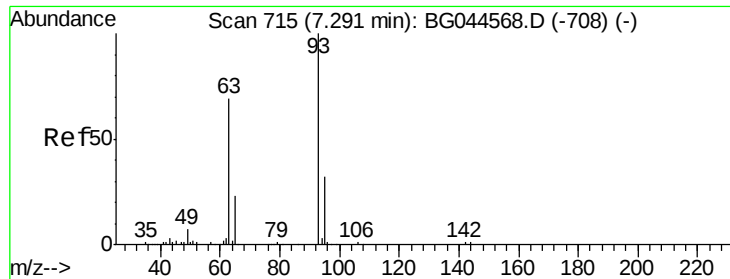
Tot Ion: 77 Resp: 470
Ion Ratio Lower Upper
77 100
105 52.5 83.6 123.6#
106 71.8 78.2 118.2#



#10
Phenol
Concen: 38.470 ng
RT: 7.08 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion: 94 Resp: 214684
Ion Ratio Lower Upper
94 100
65 26.7 6.4 46.4
66 34.3 13.9 53.9

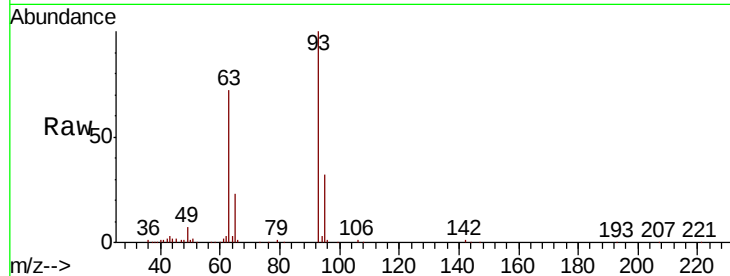




#11
bis(2-Chloroethyl)ether
Concen: 35.384 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	93	63	95
Resp: 166000			
Ion Ratio	100	71.9	32.0
Lower		48.9	11.3
Upper		88.9	51.3

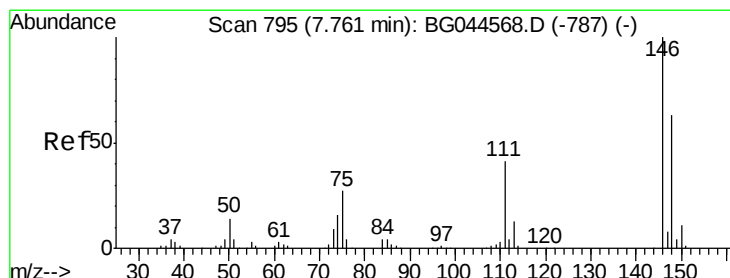
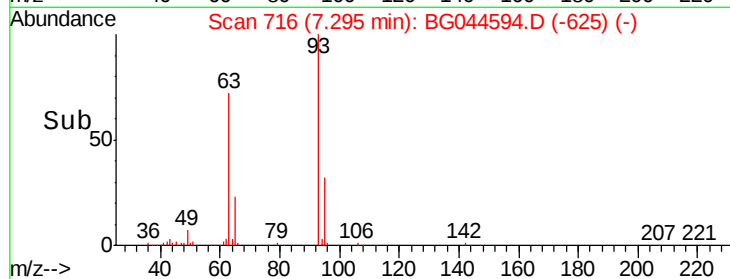
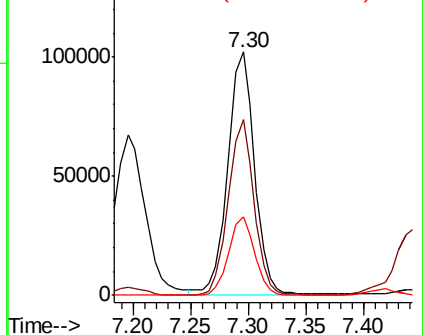


Abundance

Ion 93.00 (92.70 to 93.70): BGC

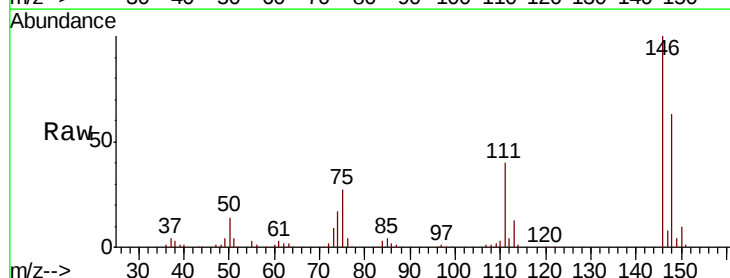
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 33.598 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	146	148	75
Resp: 184029			
Ion Ratio	100	62.7	26.7
Lower		50.6	21.4
Upper		75.8	32.0

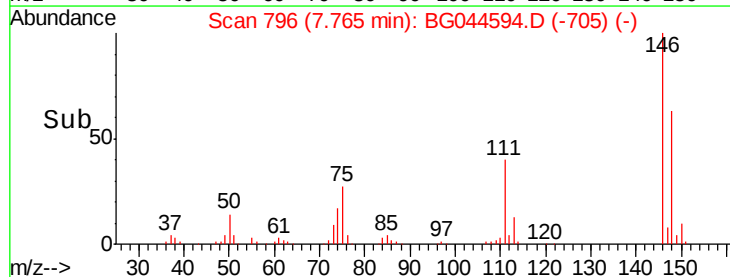
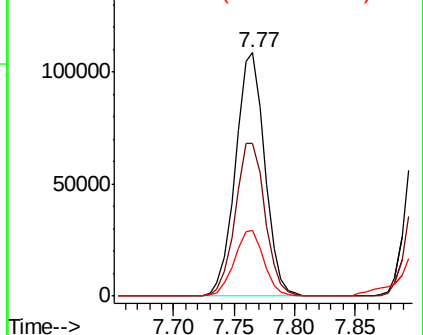


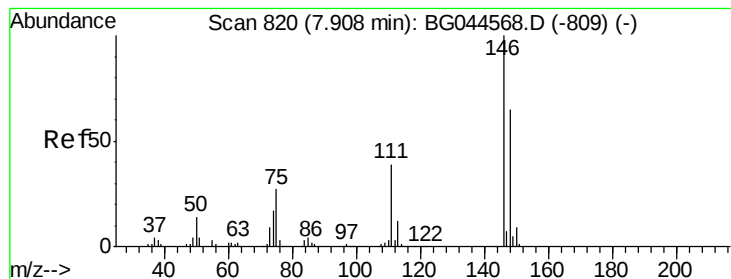
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 33.768 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

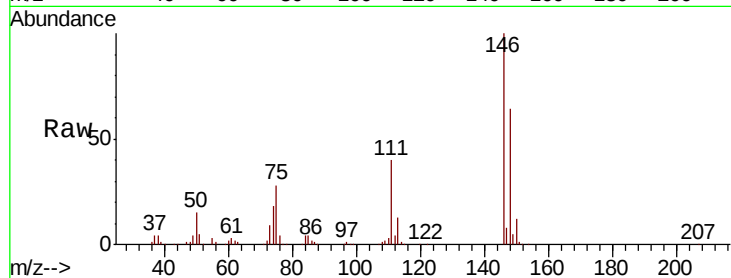
Tot Ion:146 Resp: 185884

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

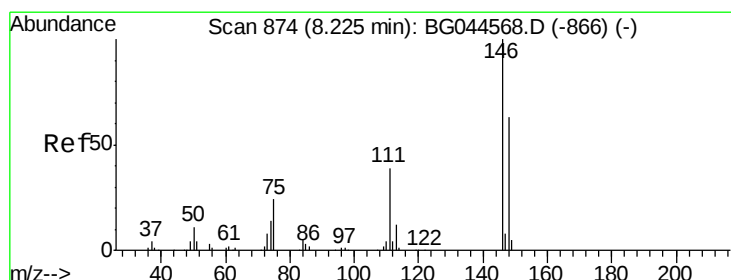
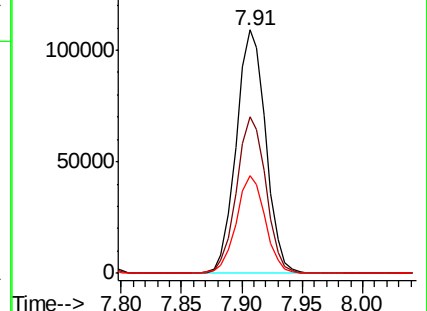
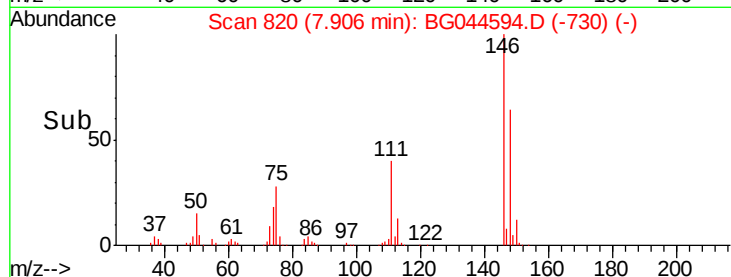
111 40.2 30.8 46.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.574 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

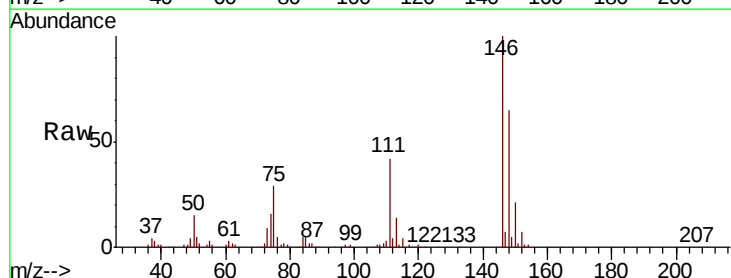
Tgt Ion:146 Resp: 175760

Ion Ratio Lower Upper

146 100

148 64.7 50.7 76.1

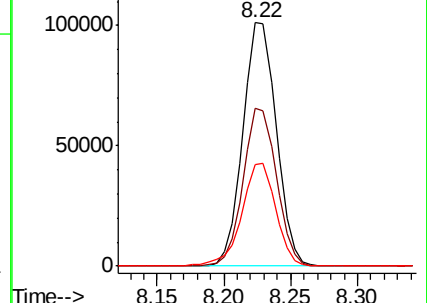
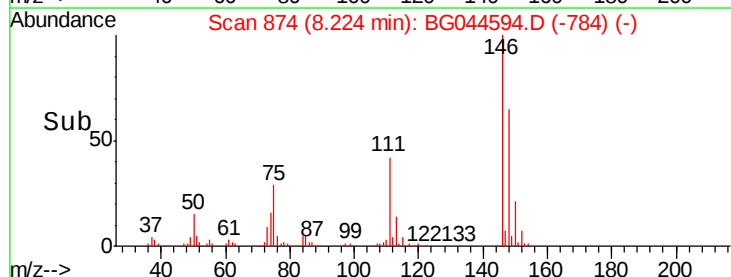
111 41.7 31.8 47.6

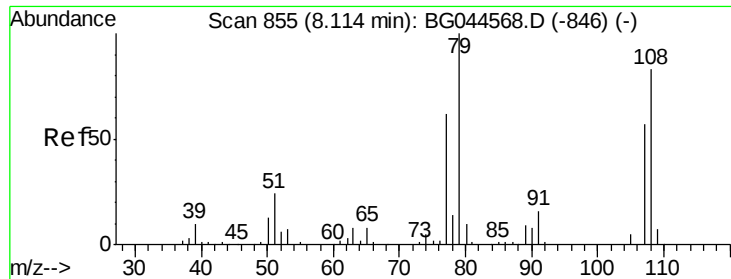


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.557 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

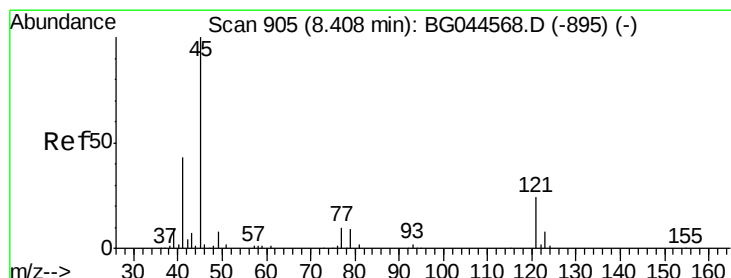
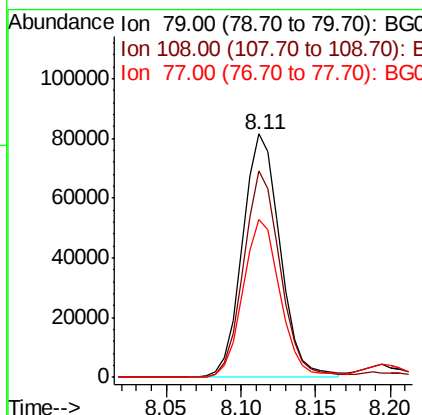
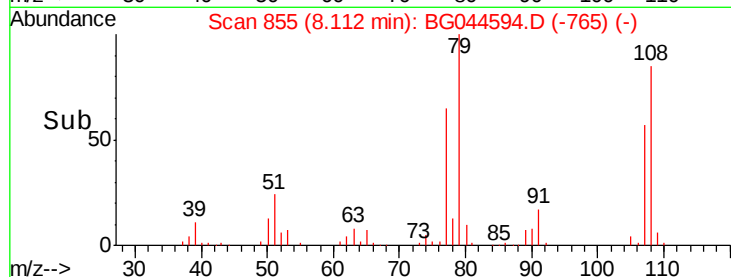
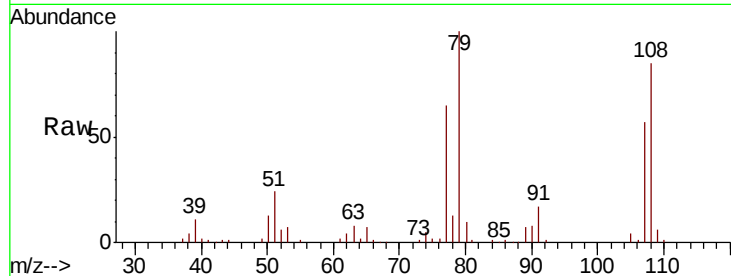
Tot Ion: 79 Resp: 141976

Ion Ratio Lower Upper

79 100

108 84.6 66.0 99.0

77 64.6 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.458 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

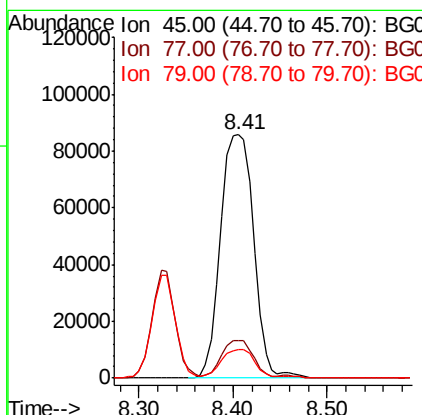
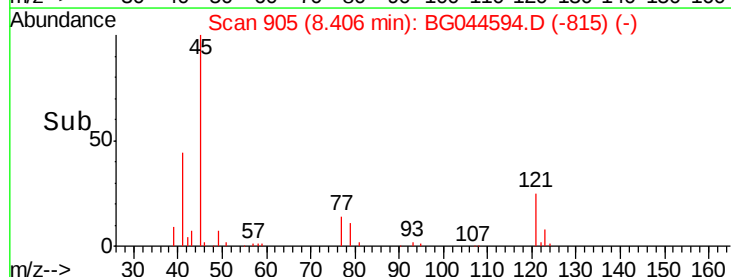
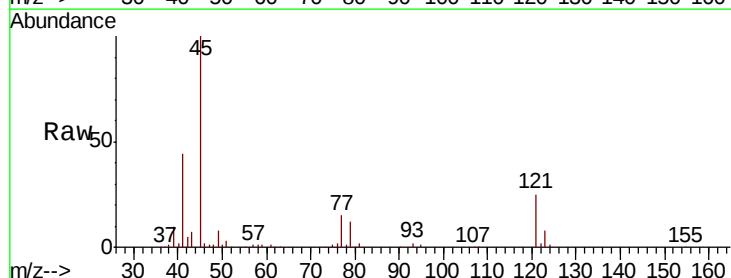
Tgt Ion: 45 Resp: 210947

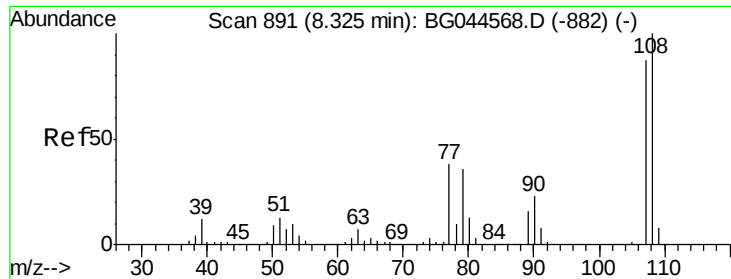
Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.4

79 12.0 0.0 32.3

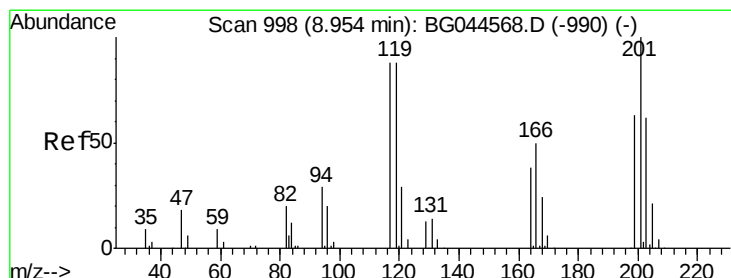
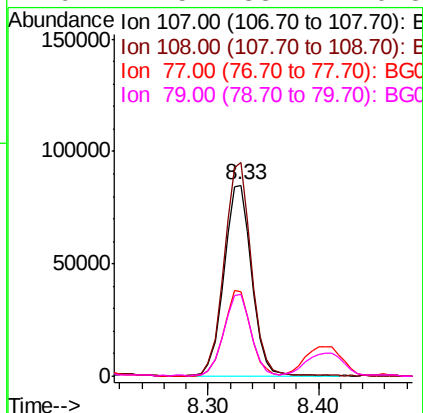
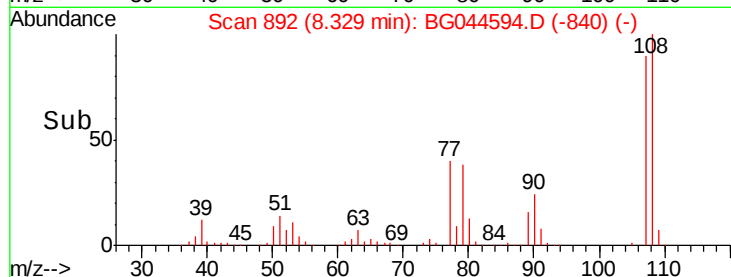
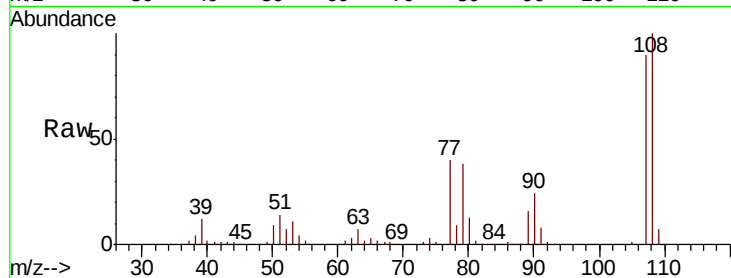




#17
2-Methylphenol
Concen: 37.498 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

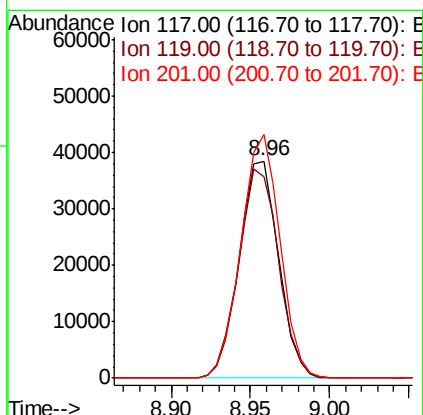
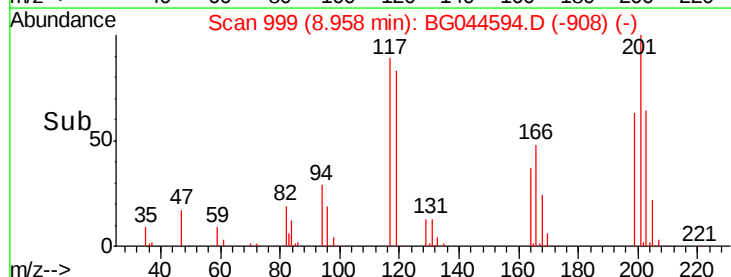
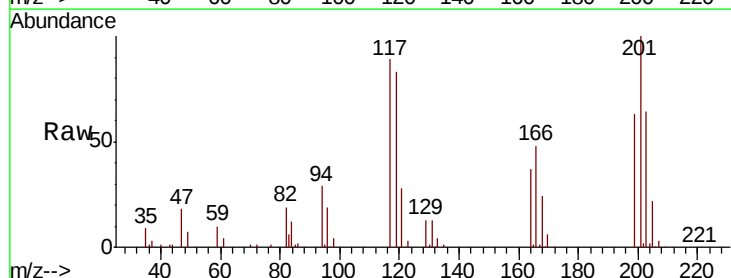
Instrument :
BNA_G
ClientSampled :

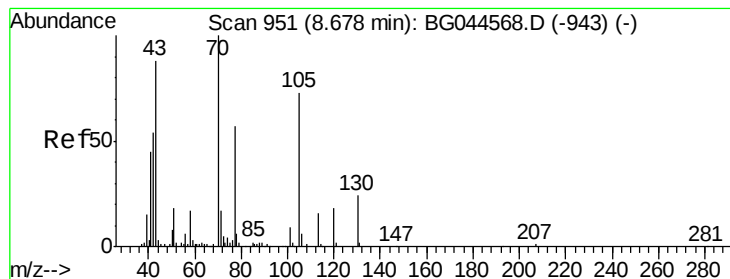
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.7	137.5
77	44.1	35.1	52.7
79	42.5	33.2	49.8



#18
Hexachloroethane
Concen: 33.220 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	80.0	120.0
201	114.7	90.5	135.7





#19

n-Nitroso-di-n-propylamine

Concen: 33.967 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 125730

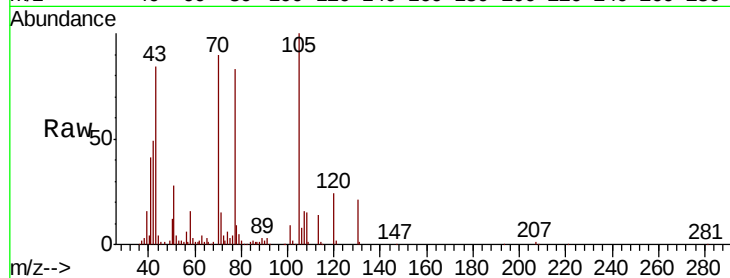
Ion Ratio Lower Upper

70 100

42 54.3 43.4 65.0

101 10.0 7.5 11.3

130 23.8 18.9 28.3

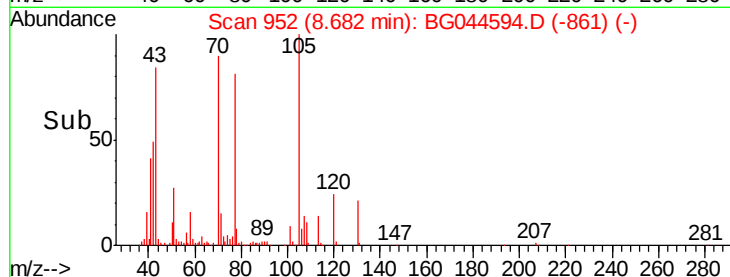
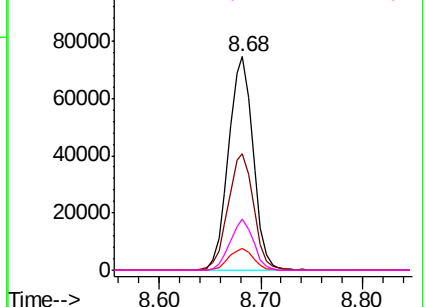


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 37.803 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion: 107 Resp: 206330

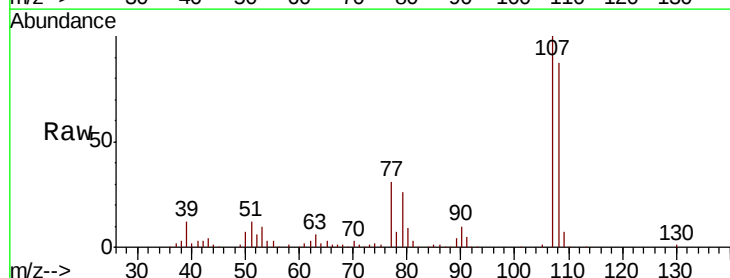
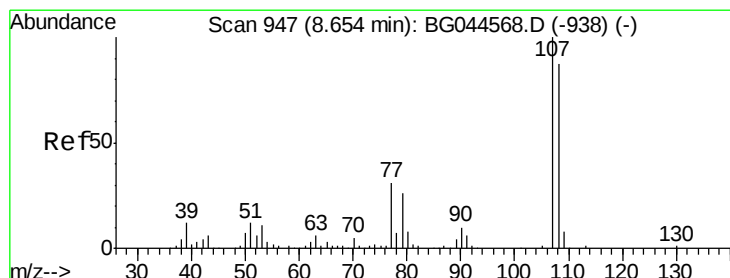
Ion Ratio Lower Upper

107 100

108 87.4 67.5 107.5

77 31.0 11.3 51.3

79 26.0 6.4 46.4

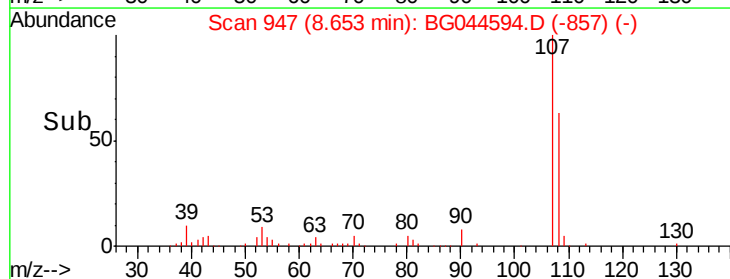
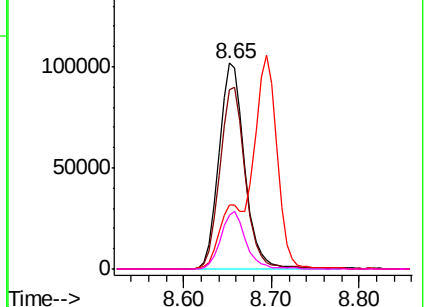


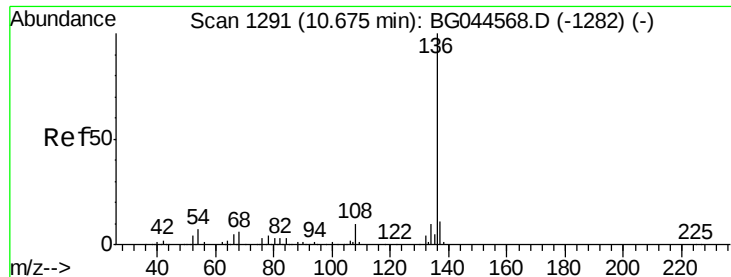
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 277042

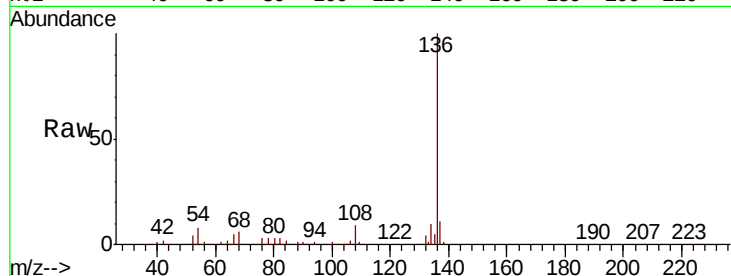
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.6 5.7 8.5

68 5.5 4.5 6.7

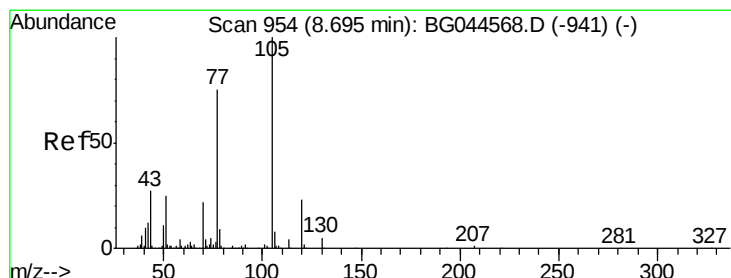
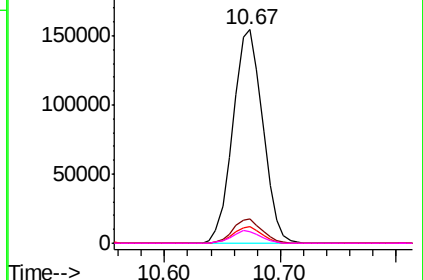
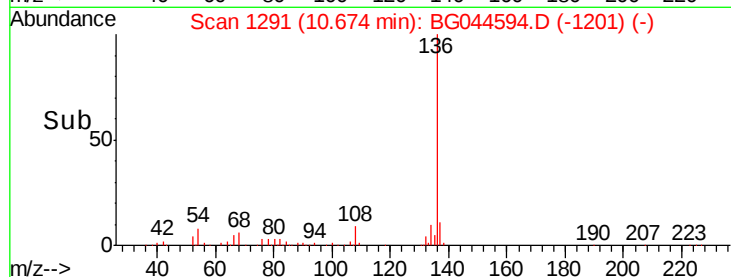


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.132 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:105 Resp: 244367

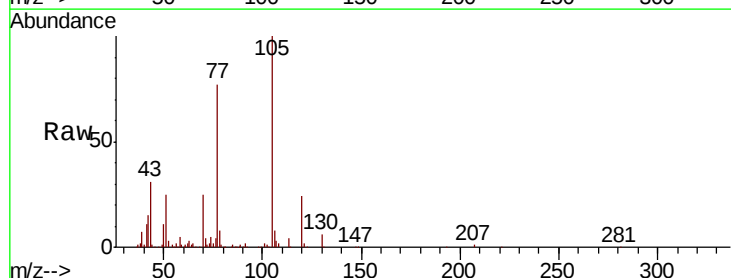
Ion Ratio Lower Upper

105 100

71 4.1 2.8 4.2

51 25.3 19.9 29.9

120 24.2 18.6 28.0

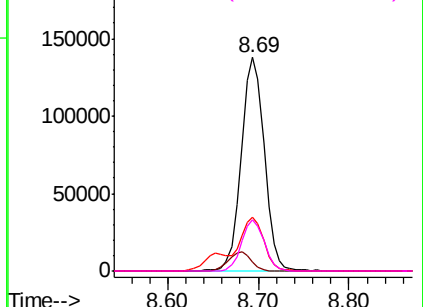
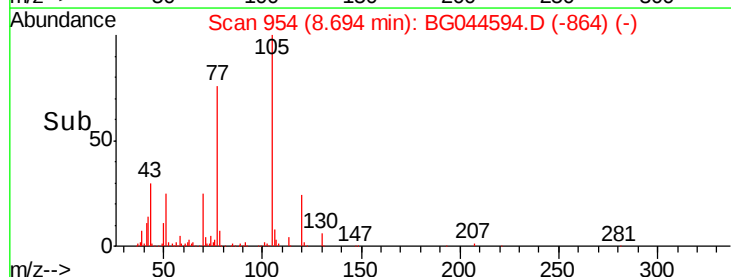


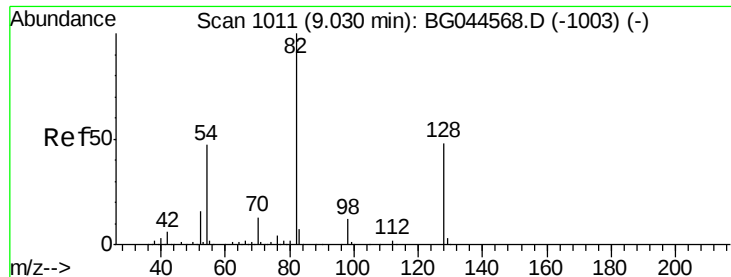
Abundance Ion 105.00 (104.70 to 105.70): E

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

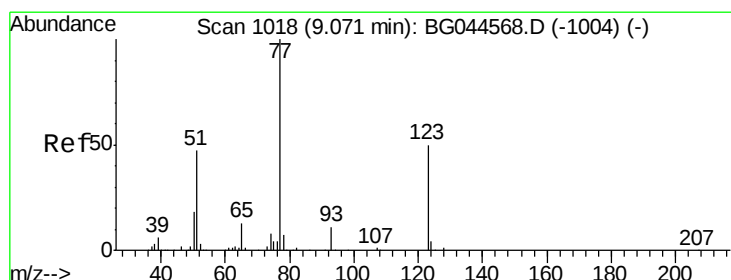
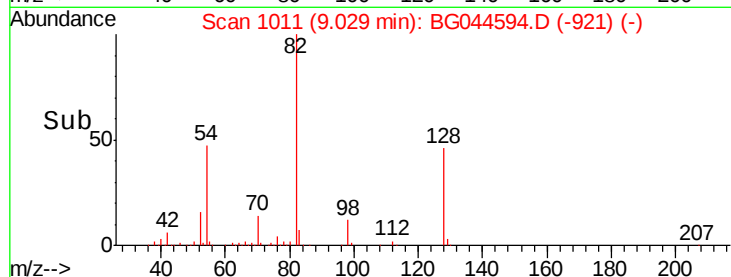
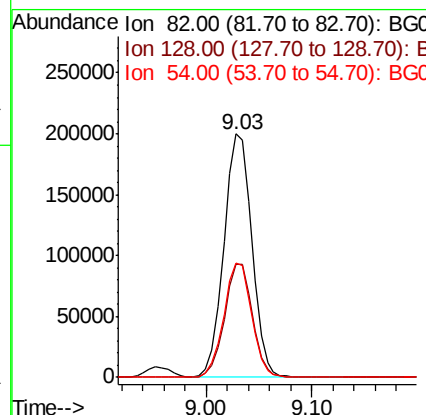
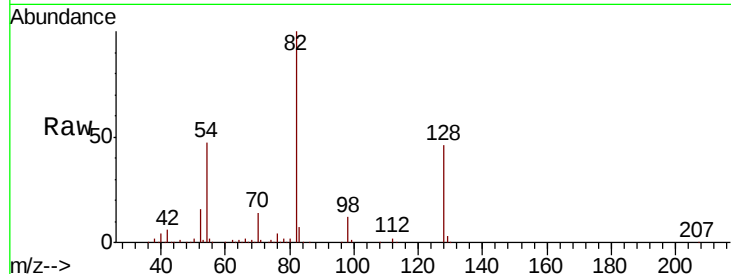




#23
Nitrobenzene-d5
Concen: 68.205 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

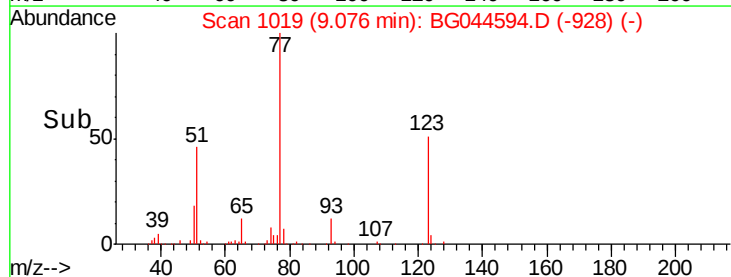
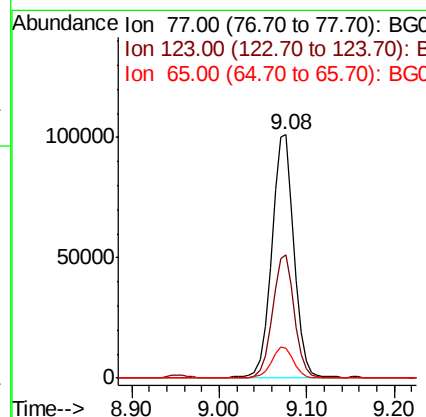
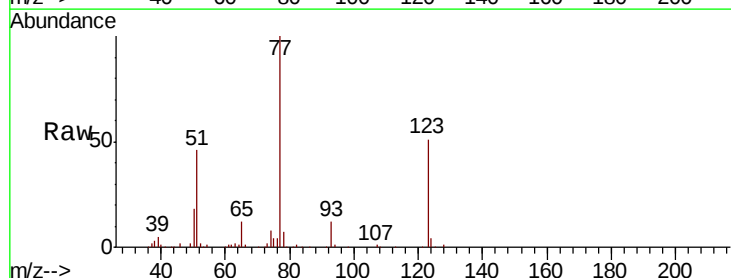
Instrument :
BNA_G
ClientSampled :

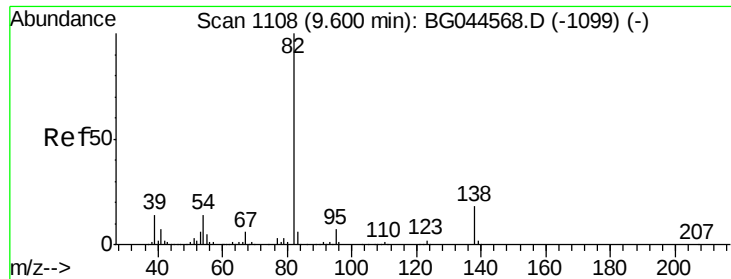
Tot Ion	82	Resp	366773
Ion Ratio	Lower	Upper	
82	100		
128	46.2	38.1	57.1
54	46.7	37.5	56.3



#24
Nitrobenzene
Concen: 34.395 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	77	Resp	179196
Ion Ratio	Lower	Upper	
77	100		
123	50.7	40.1	60.1
65	12.5	10.4	15.6





#25

Isophorone

Concen: 34.699 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

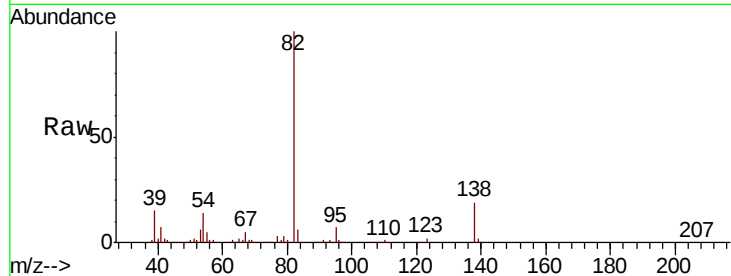
Tot Ion: 82 Resp: 349070

Ion Ratio Lower Upper

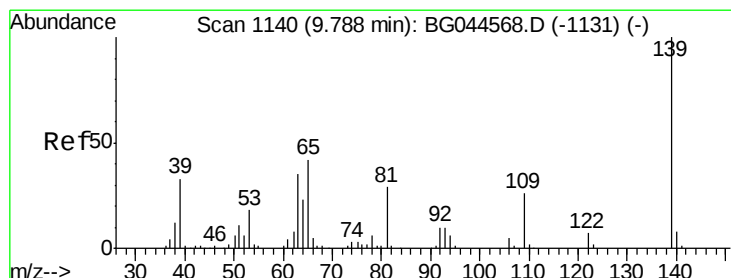
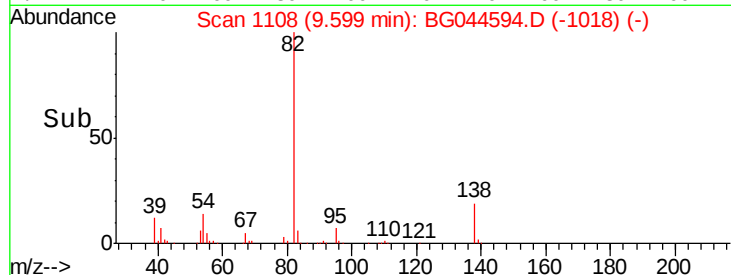
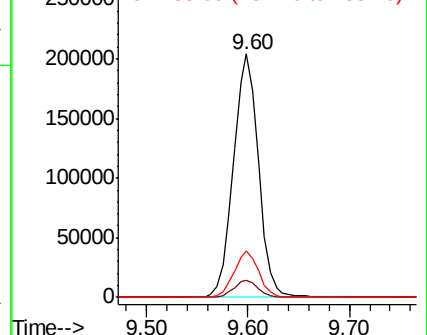
82 100

95 7.2 5.6 8.4

138 19.0 14.7 22.1



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



#26

2-Nitrophenol

Concen: 35.649 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

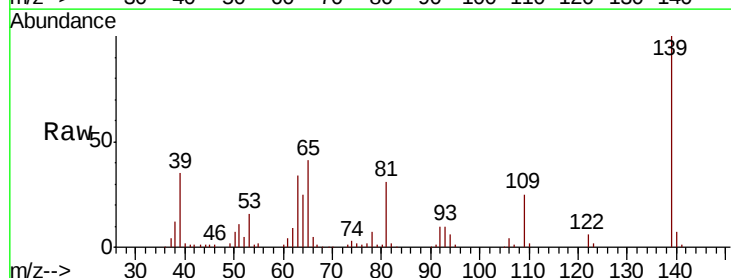
Tgt Ion: 139 Resp: 100723

Ion Ratio Lower Upper

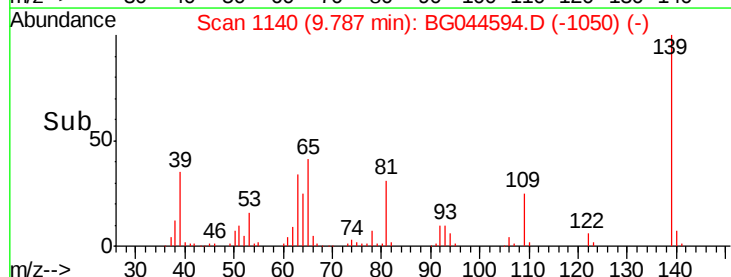
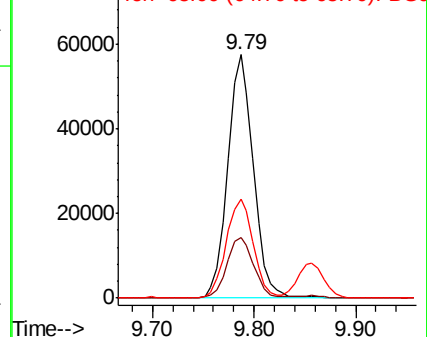
139 100

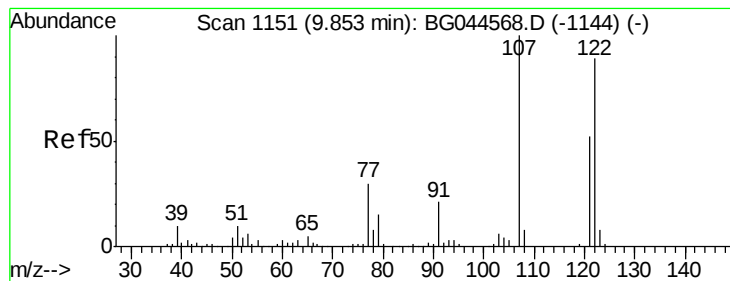
109 25.0 20.6 31.0

65 40.9 33.3 49.9



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





#27

2,4-Dimethylphenol

Concen: 41.332 ng

RT: 9.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

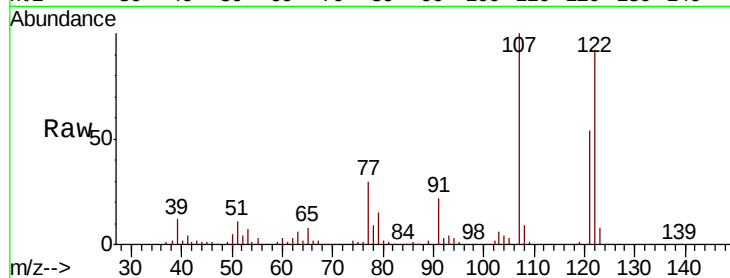
Tot Ion:122 Resp: 163969

Ion Ratio Lower Upper

122 100

107 109.2 89.4 134.0

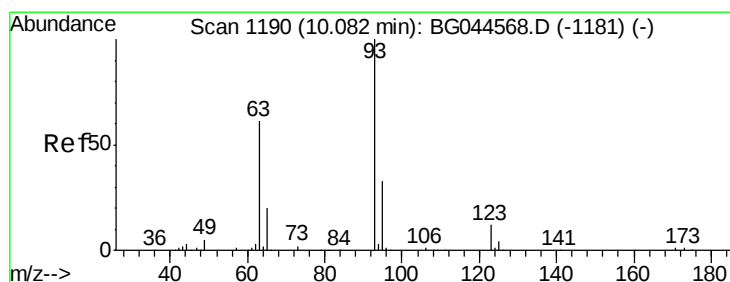
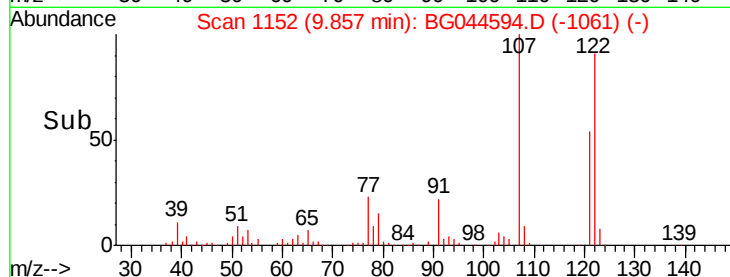
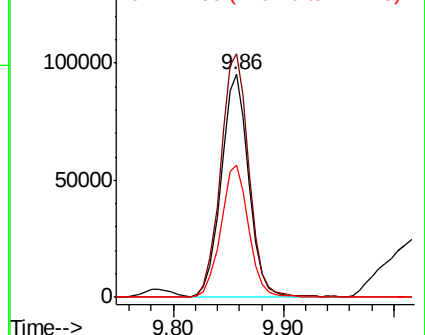
121 59.1 46.5 69.7



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: 33.310 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

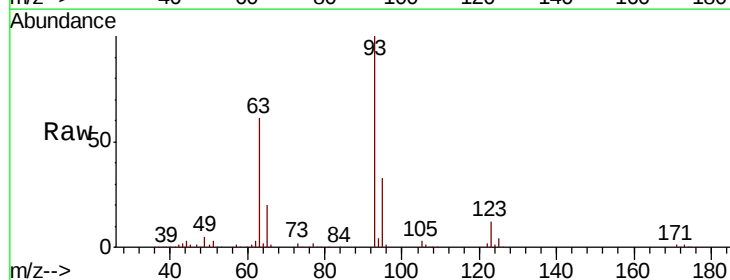
Tgt Ion: 93 Resp: 221600

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

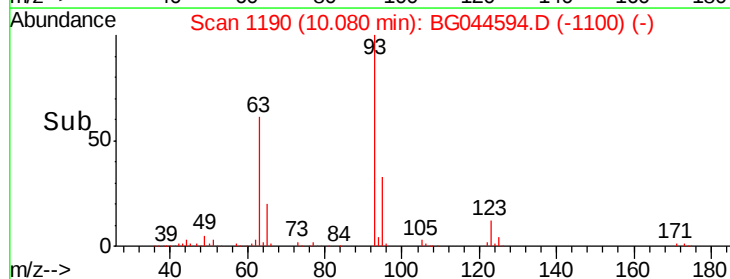
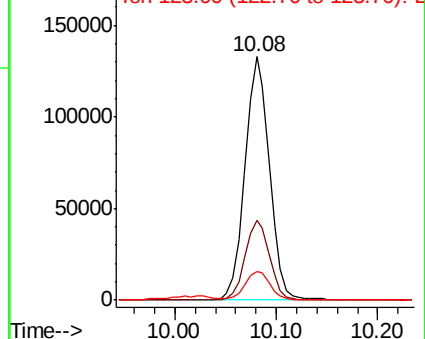
123 11.7 9.7 14.5

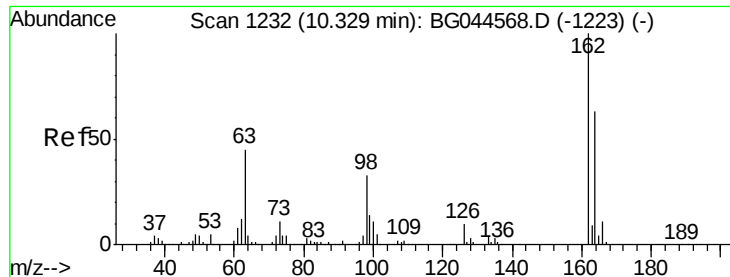


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

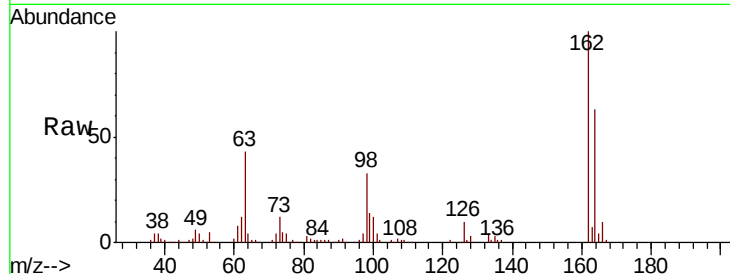




#29
 2,4-Dichlorophenol
 Concen: 37.634 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.2	83.2
98	33.4	13.2	53.2

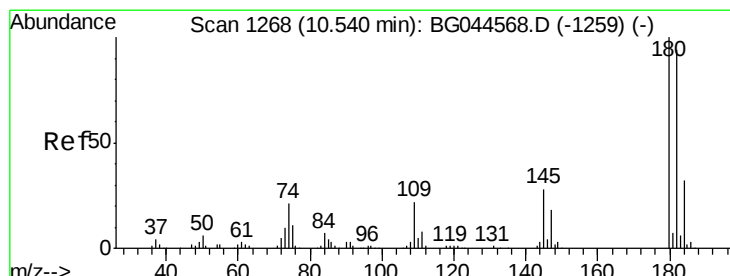
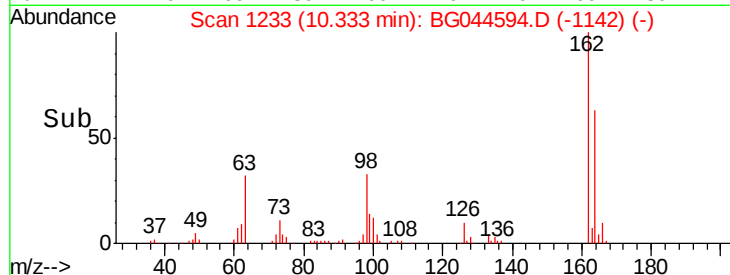
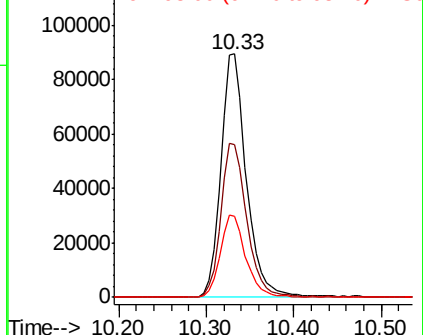


Abundance

Ion 162.00 (161.70 to 162.70): E

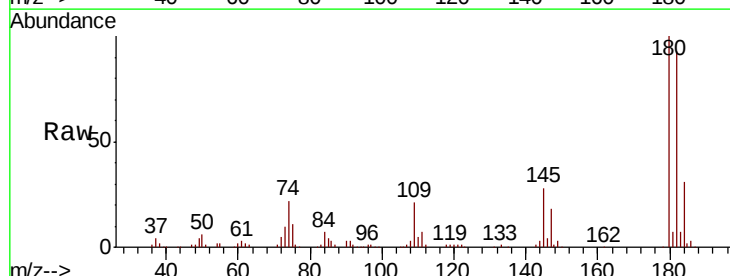
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 33.187 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.6	113.4
145	27.7	22.2	33.2

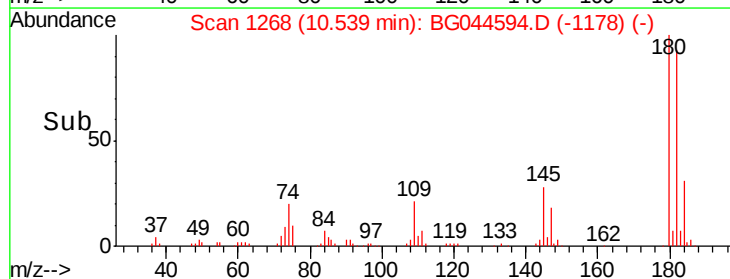
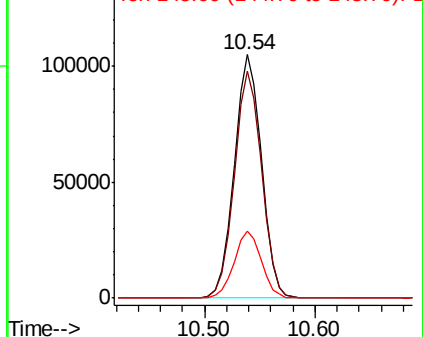


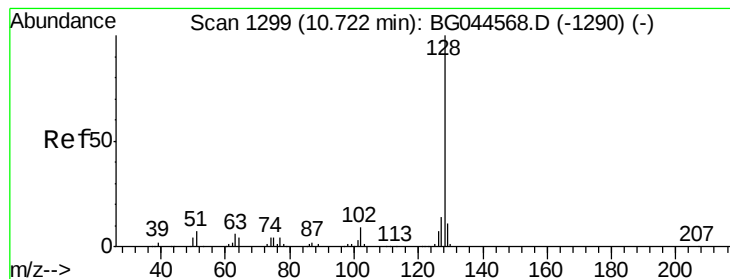
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

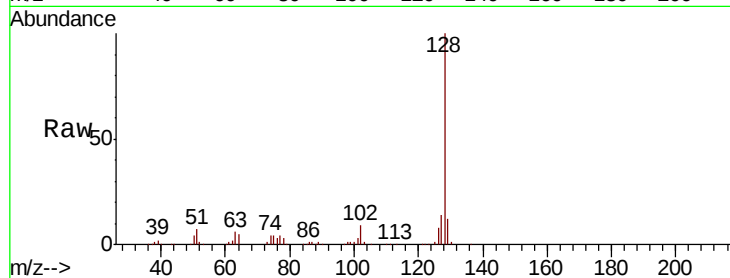




#31
Naphthalene
Concen: 34.429 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.2	11.0	16.4

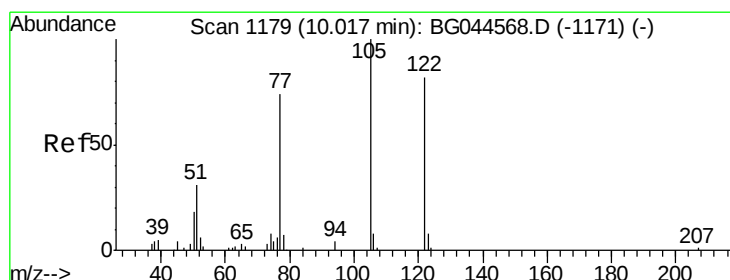
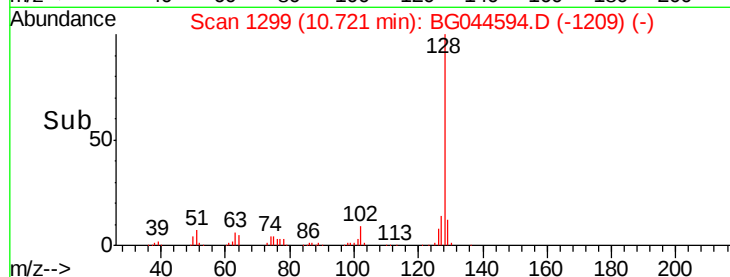
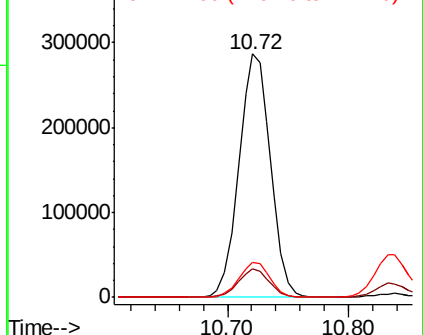


Abundance

Ion 128.00 (127.70 to 128.70): E

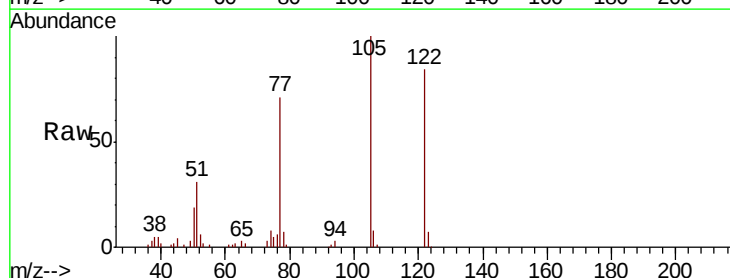
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 57.862 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	101.4	141.4
77	84.4	69.8	109.8

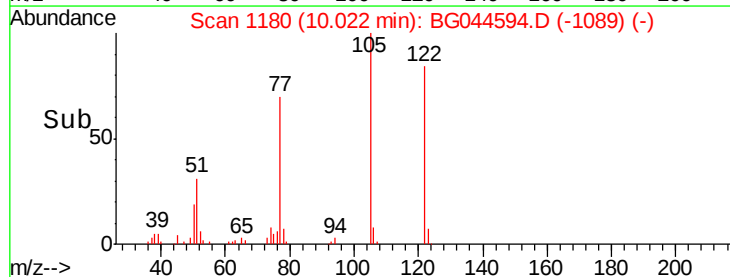
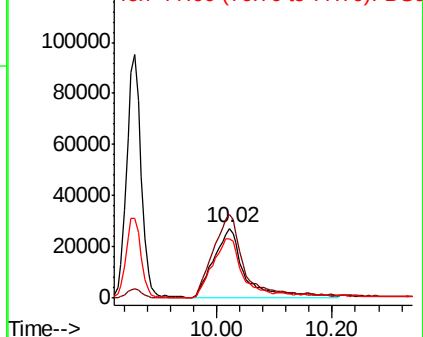


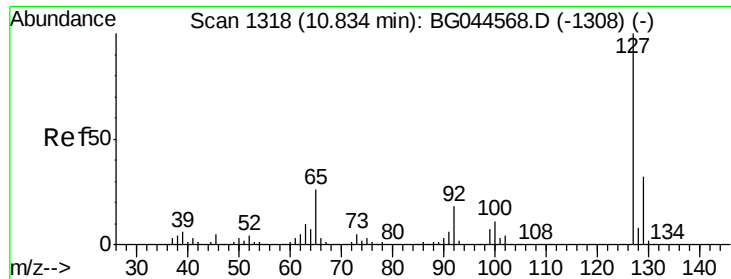
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

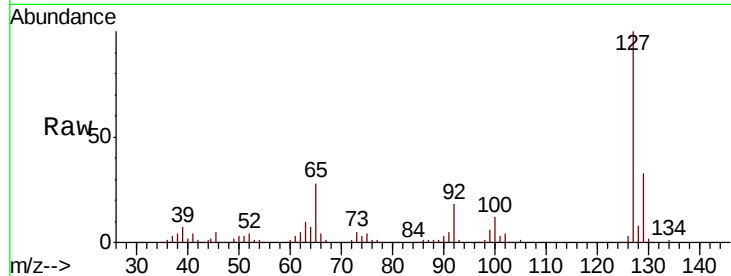




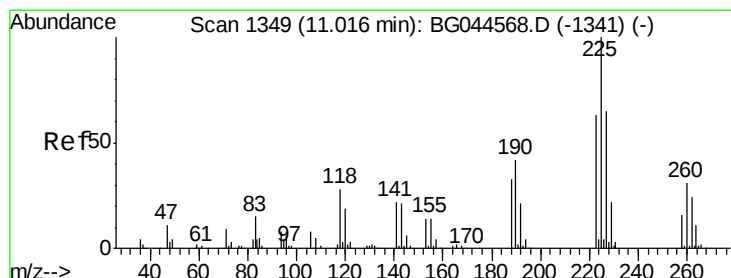
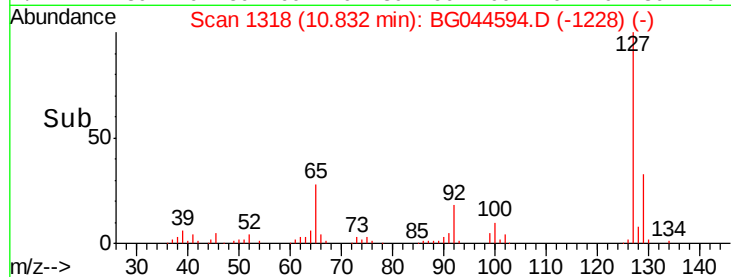
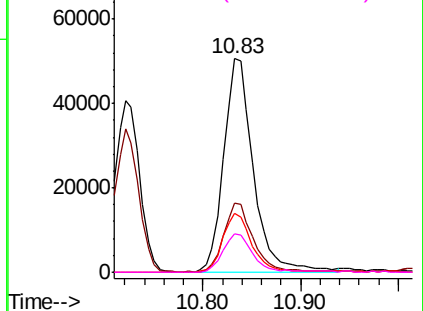
#33
4-Chloroaniline
Concen: 16.073 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	107017
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.7	20.7	31.1
92	17.8	14.2	21.2

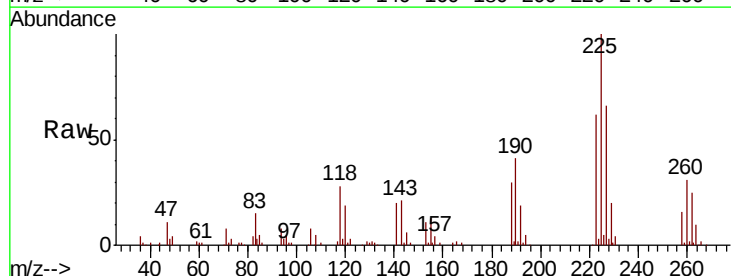


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

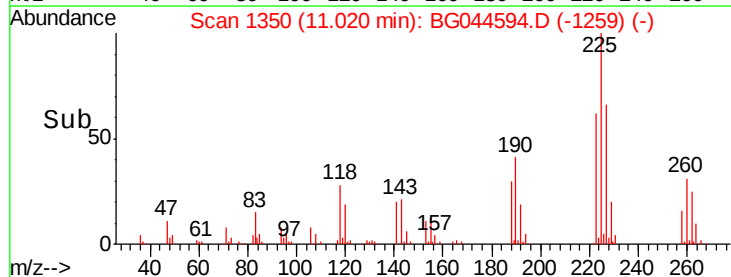
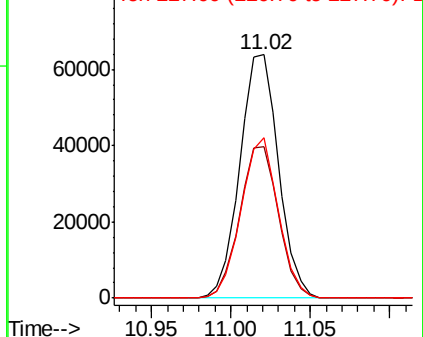


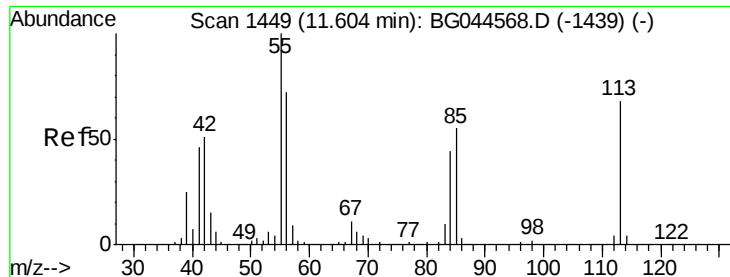
#34
Hexachlorobutadiene
Concen: 31.362 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:	225	Resp:	108034
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	65.7	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 17.142 ng

RT: 11.60 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

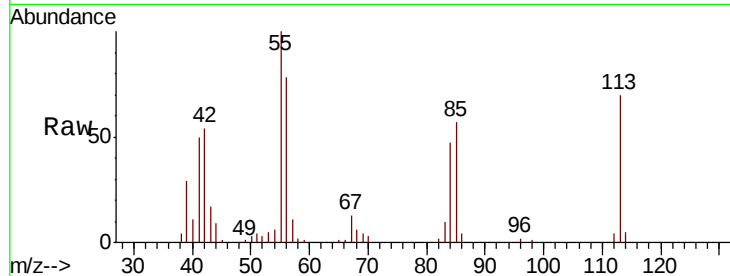
Tot Ion:113 Resp: 29105

Ion Ratio Lower Upper

113 100

55 143.3 127.8 167.8

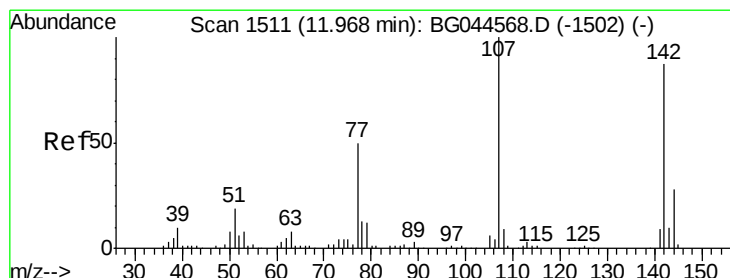
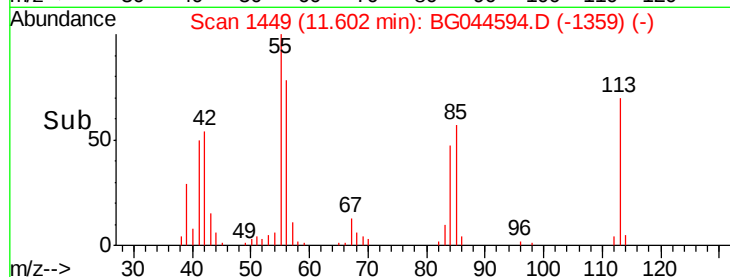
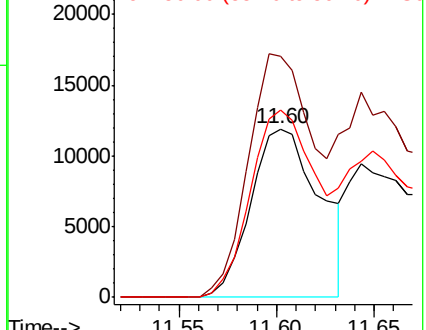
56 111.3 86.9 126.9



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: 39.798 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

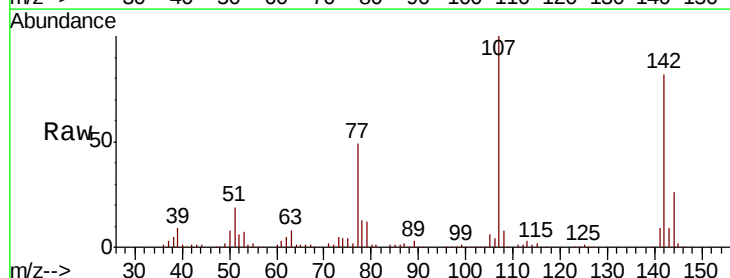
Tgt Ion:107 Resp: 194302

Ion Ratio Lower Upper

107 100

144 26.3 22.3 33.5

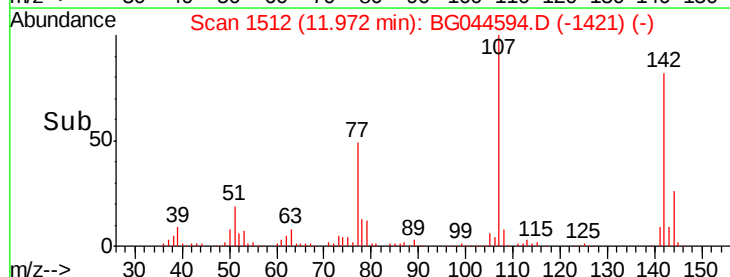
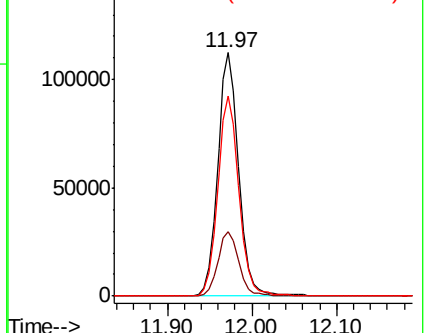
142 82.4 69.3 103.9

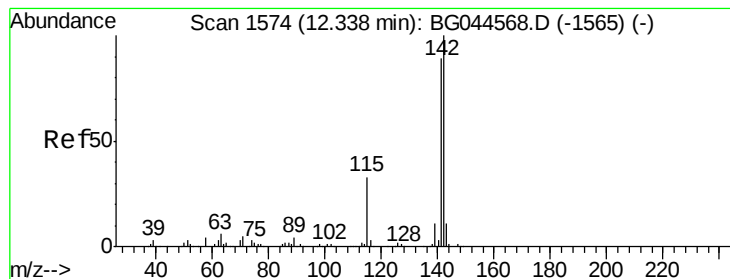


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.531 ng

RT: 12.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampleId :

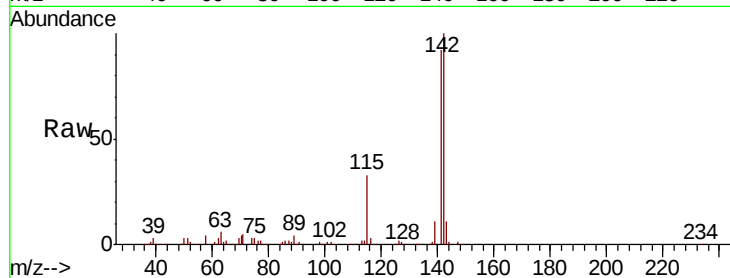
Tot Ion:142 Resp: 396968

Ion Ratio Lower Upper

142 100

141 91.8 71.3 106.9

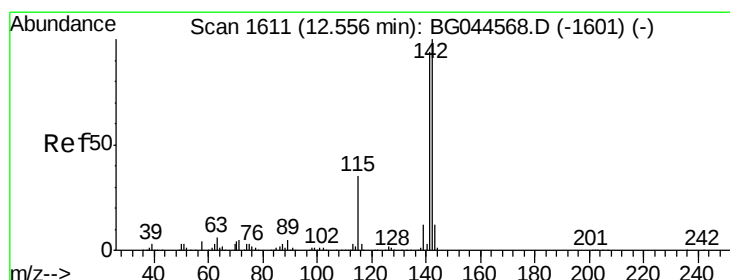
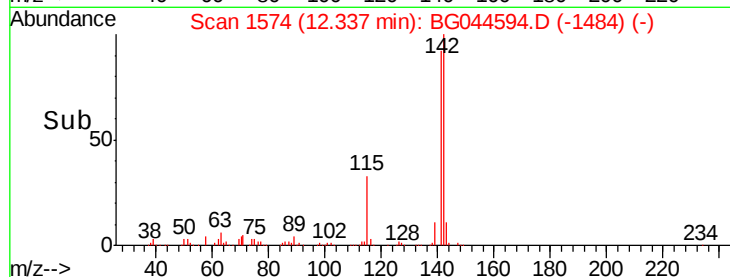
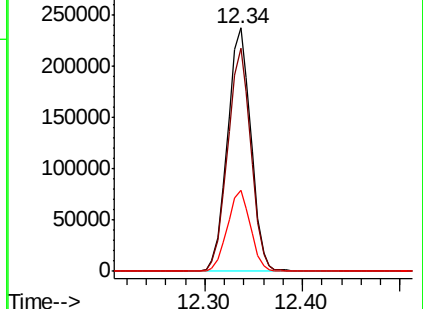
115 33.1 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.575 ng

RT: 12.55 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

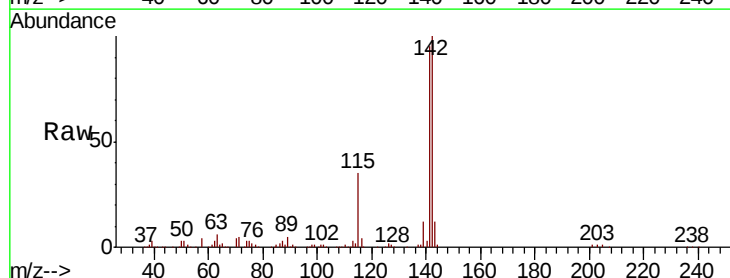
Tgt Ion:142 Resp: 377662

Ion Ratio Lower Upper

142 100

141 95.4 75.1 112.7

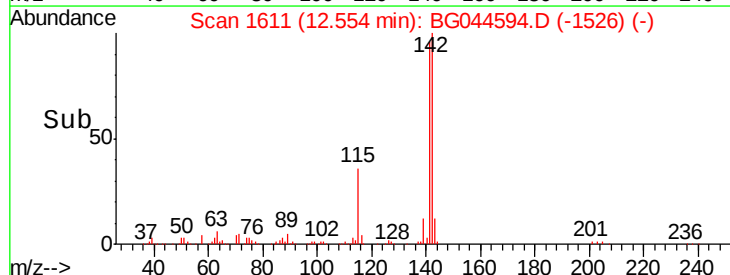
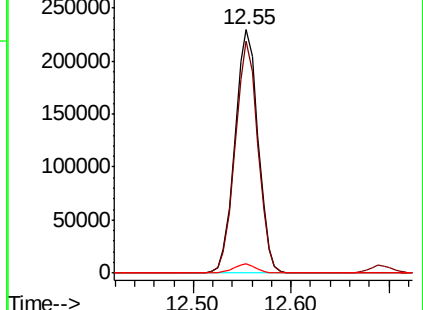
116 3.7 2.6 4.0

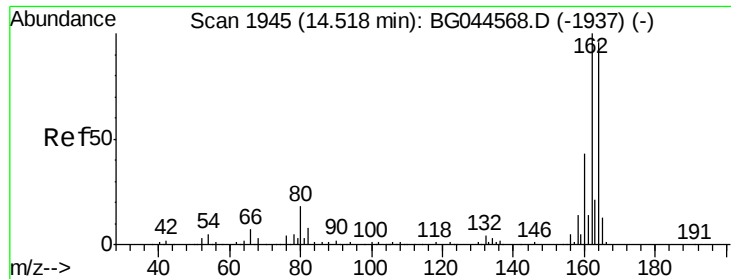


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampleId :

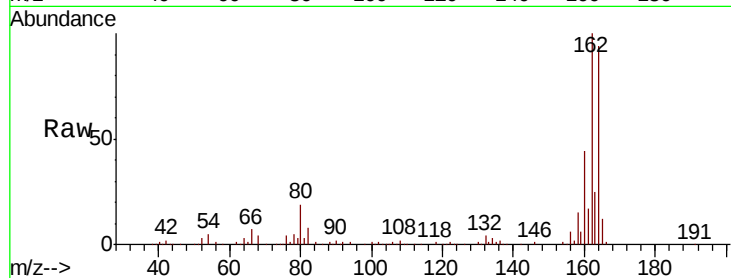
Tot Ion:164 Resp: 172251

Ion Ratio Lower Upper

164 100

162 106.0 83.6 125.4

160 46.8 36.2 54.4

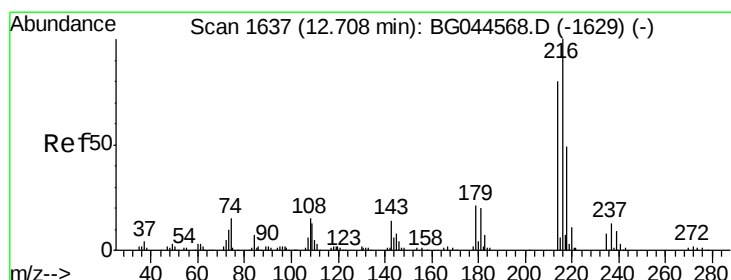
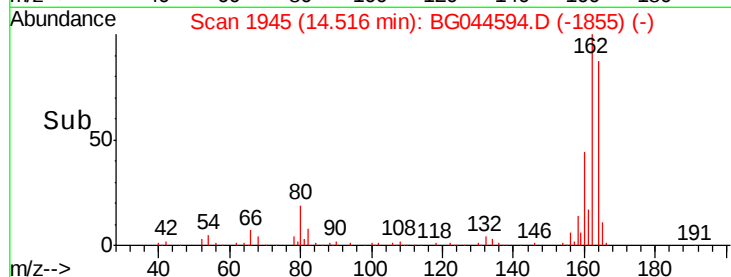
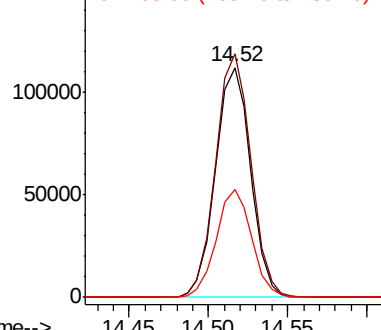


Abundance

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: 35.838 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:216 Resp: 207822

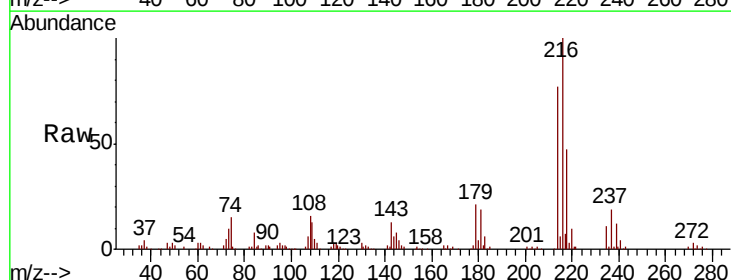
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 20.2 16.2 24.2

108 16.3 12.6 18.8



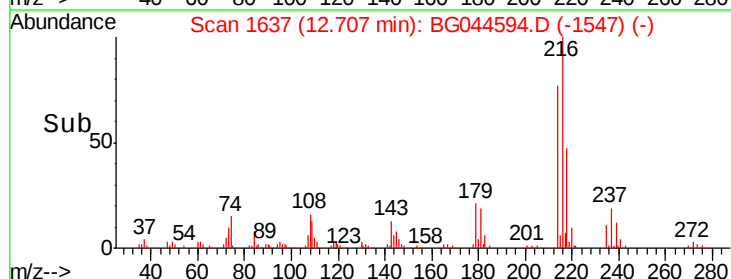
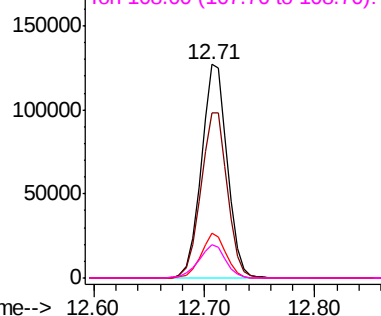
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.059 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

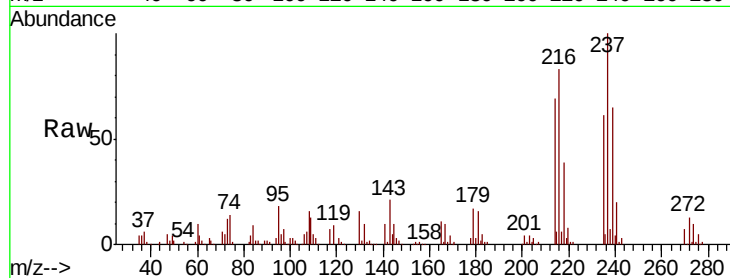
Instrument :

BNA_G

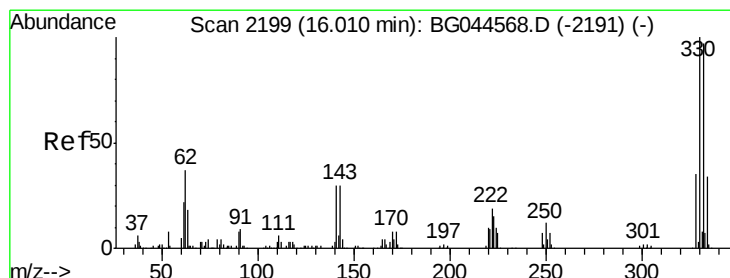
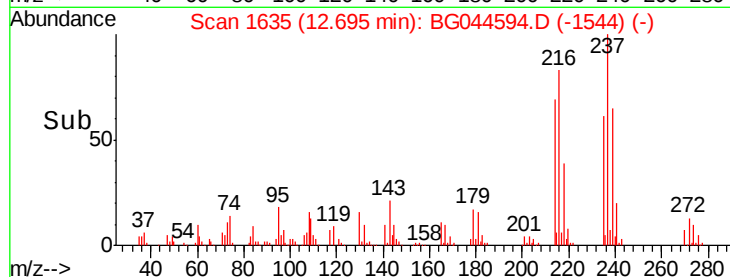
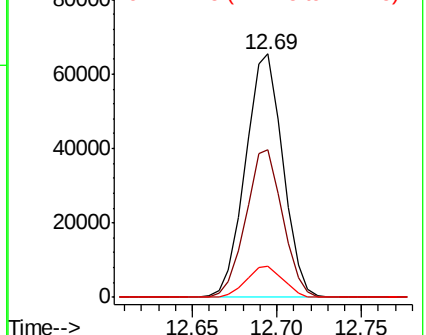
ClientSampleId :

Tot Ion:237 Resp: 100528

Ion	Ratio	Lower	Upper
237	100		
235	60.7	40.7	80.7
272	12.9	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: 117.875 ng

RT: 16.01 min Scan# 2199

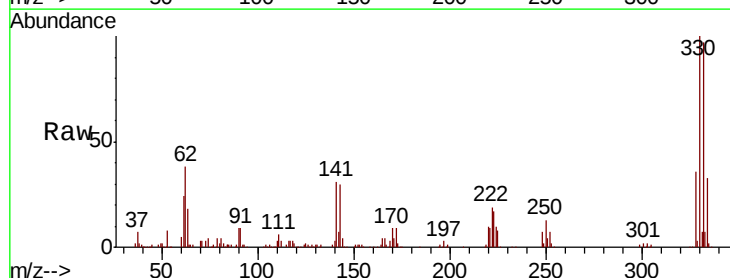
Delta R.T. -0.00 min

Lab File: BG044594.D

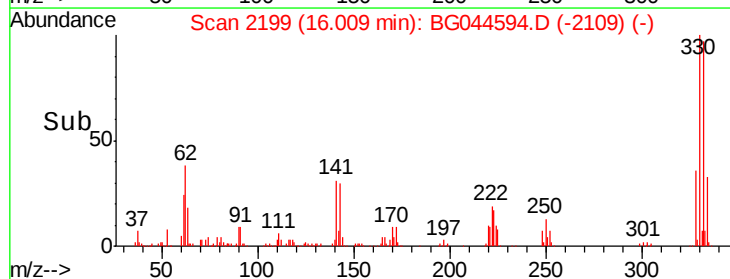
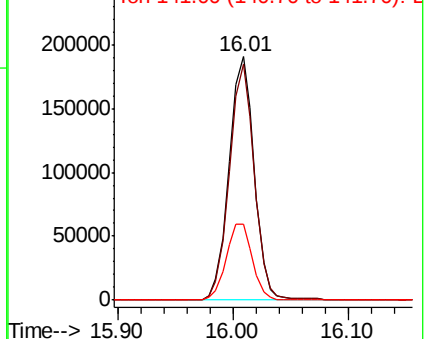
Acq: 26 Feb 2020 2:32

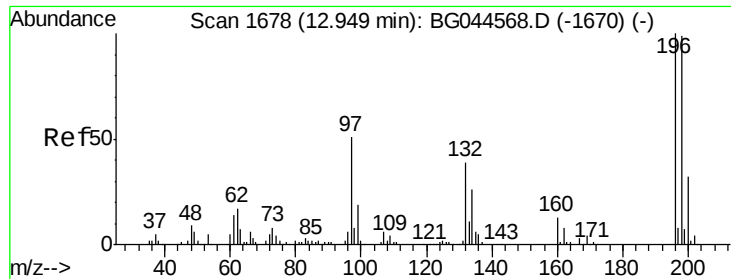
Tgt Ion:330 Resp: 287896

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	32.5	26.1	39.1



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

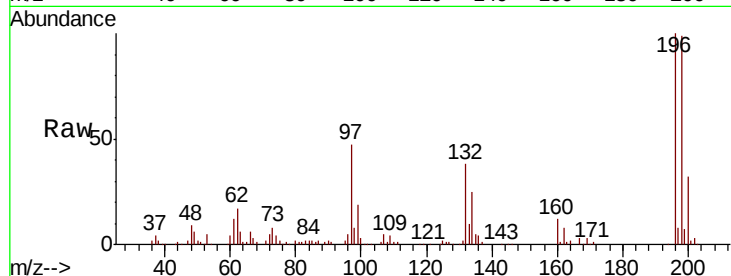




#43
 2,4,6-Trichlorophenol
 Concen: 38.892 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	146439
Ion Ratio	Lower	Upper	
196	100		
198	99.1	79.2	118.8
200	31.7	25.7	38.5

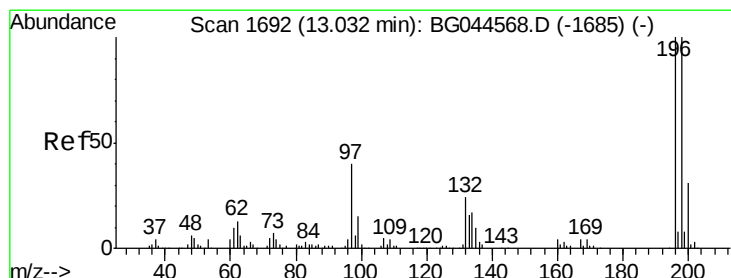
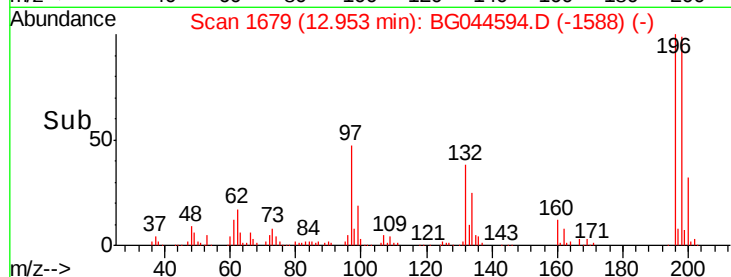
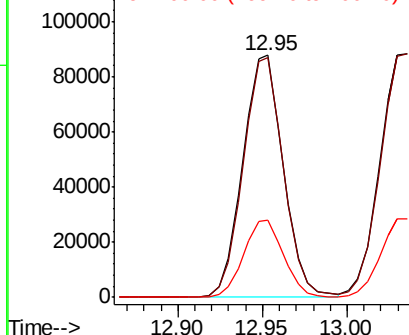


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.318 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	196	Resp	159811
Ion Ratio	Lower	Upper	
196	100		
198	100.1	79.3	118.9
97	42.1	32.3	48.5
132	25.9	19.1	28.7

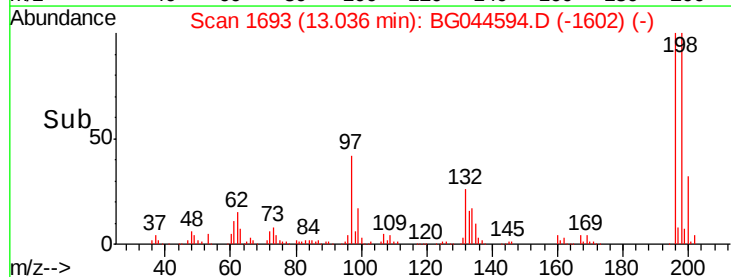
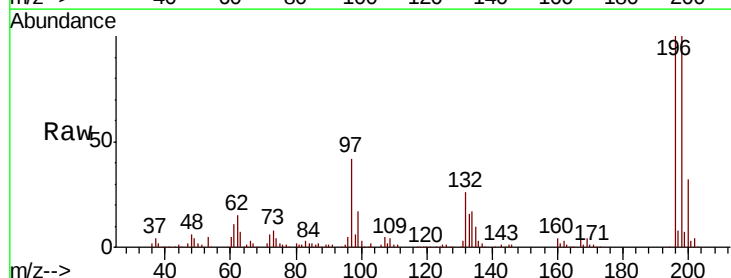
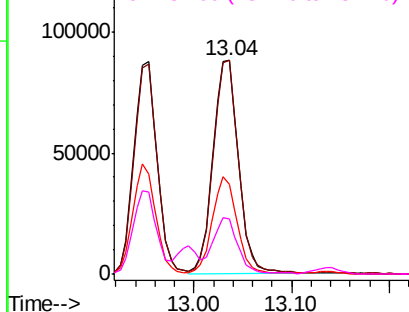
Abundance

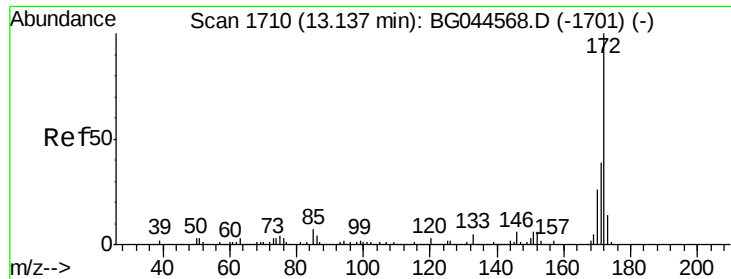
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

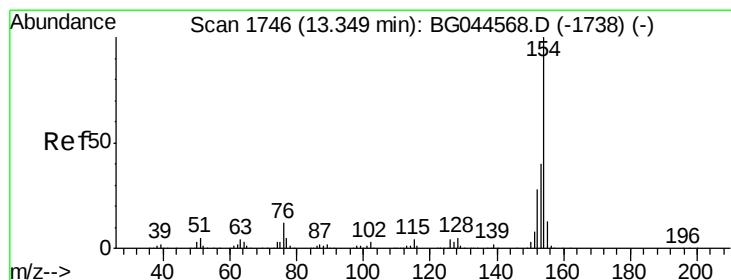
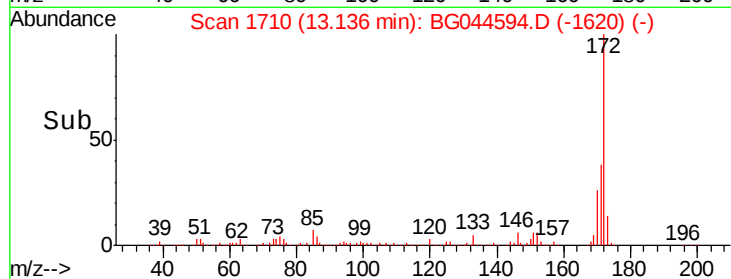
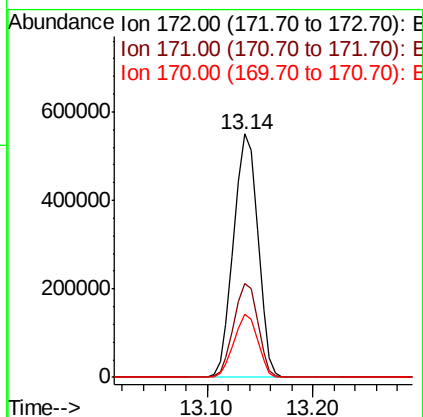
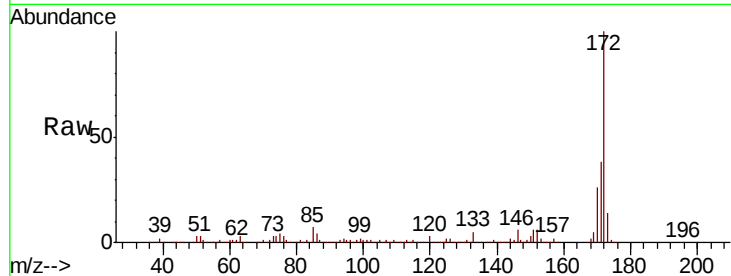




#45
 2-Fluorobiphenyl
 Concen: 73.015 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

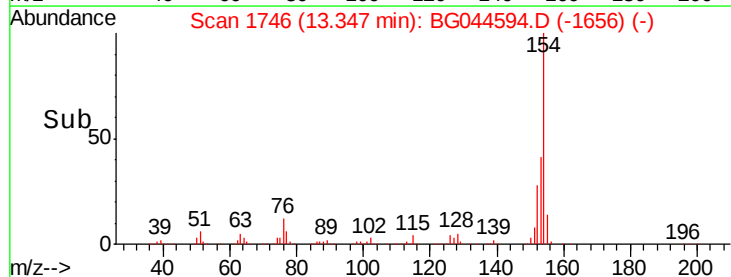
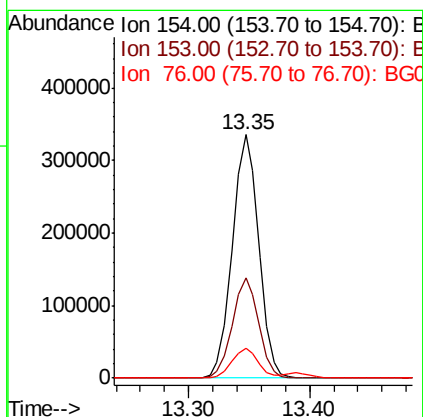
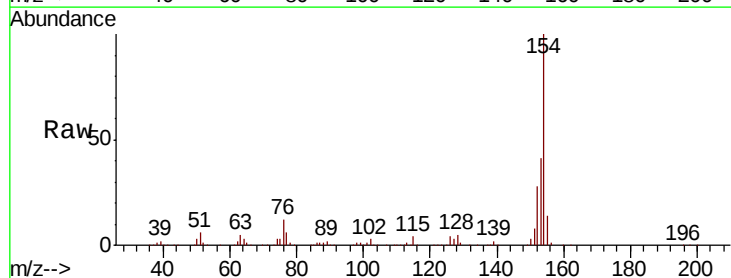
Instrument :
 BNA_G
 ClientSampleId :

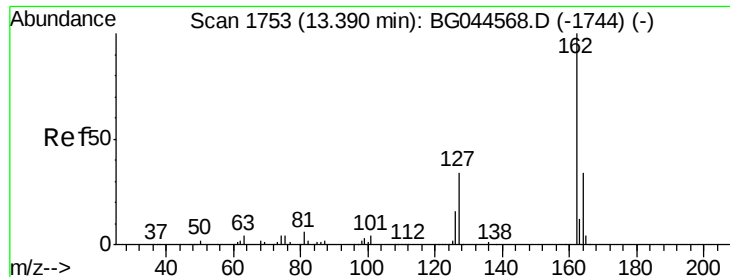
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.8	21.0	31.4



#46
 1,1'-Biphenyl
 Concen: 35.812 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	12.1	0.0	31.8





#47

2-Chloronaphthalene

Concen: 35.701 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampleId :

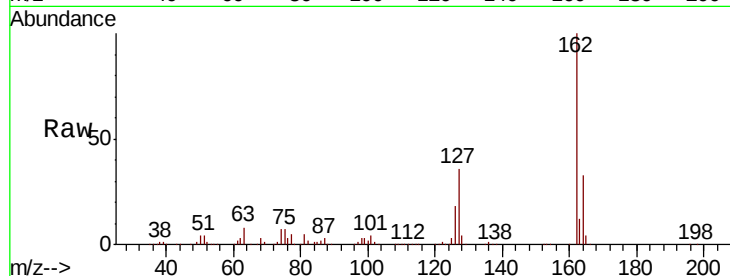
Tot Ion: 162 Resp: 399061

Ion Ratio Lower Upper

162 100

127 35.9 28.7 43.1

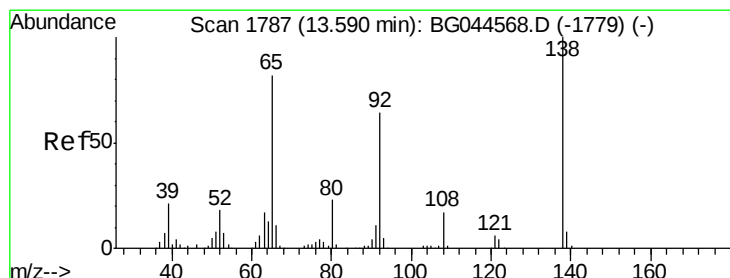
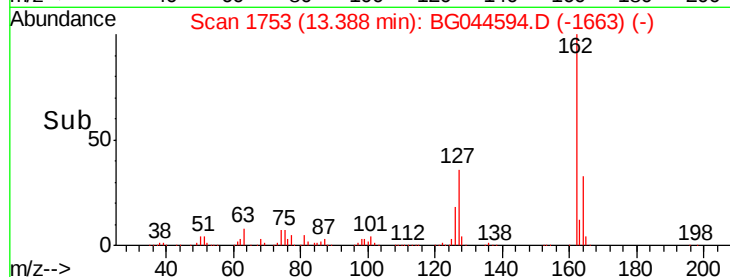
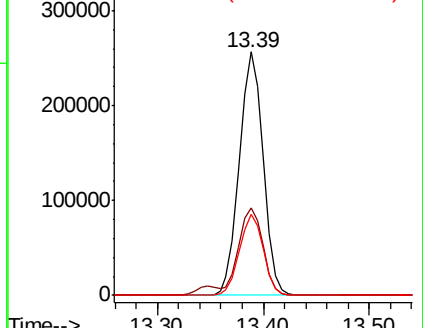
164 33.2 27.3 40.9



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: 37.713 ng

RT: 13.59 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

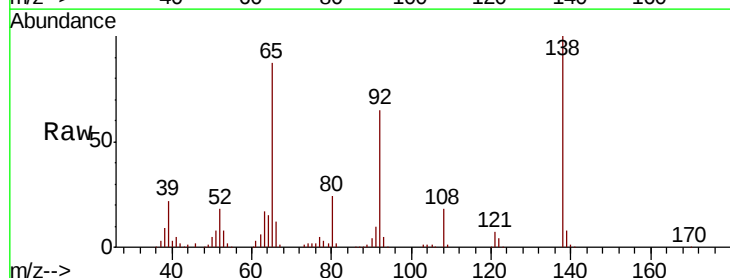
Tgt Ion: 65 Resp: 117016

Ion Ratio Lower Upper

65 100

92 74.8 62.2 93.2

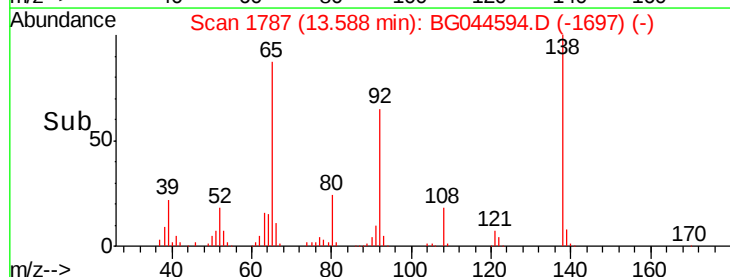
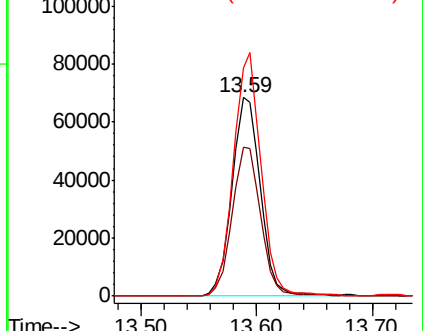
138 115.1 97.6 146.4

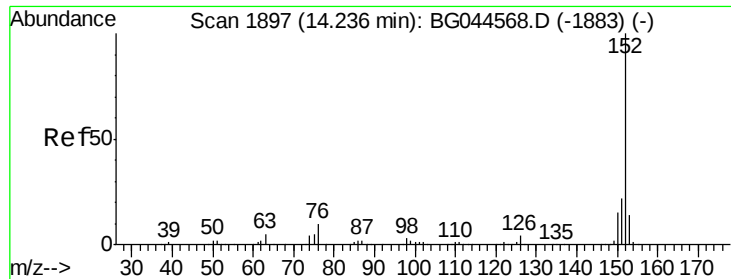


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.800 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

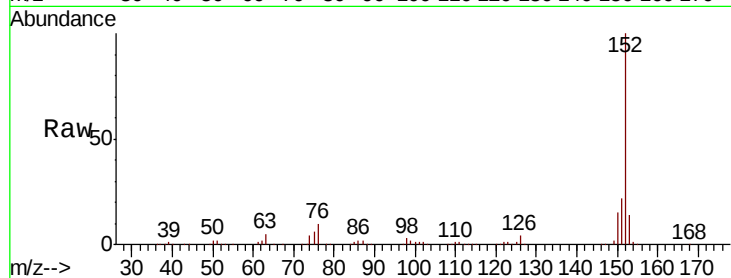
Tot Ion:152 Resp: 623697

Ion Ratio Lower Upper

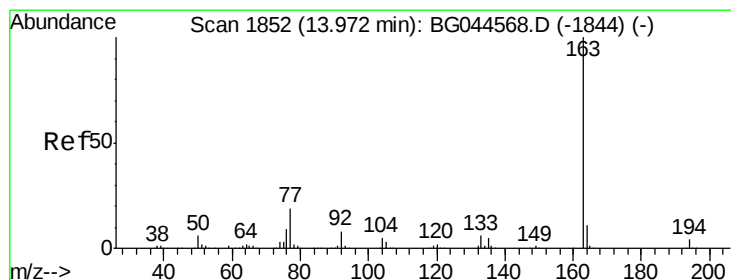
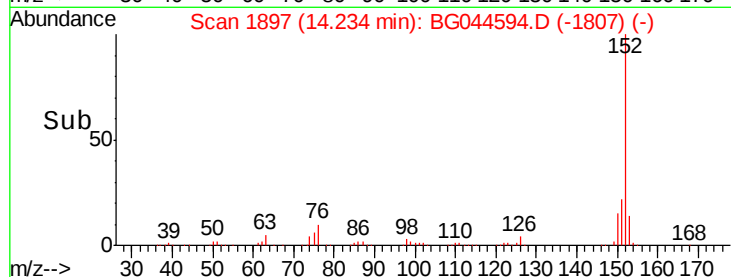
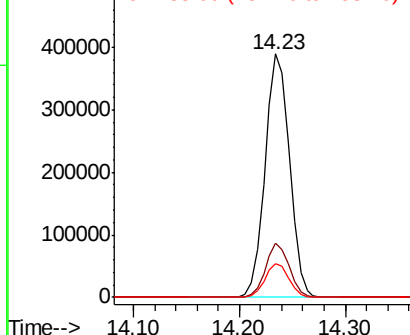
152 100

151 22.3 17.7 26.5

153 14.0 11.3 16.9



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



#50

Dimethylphthalate

Concen: 37.813 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

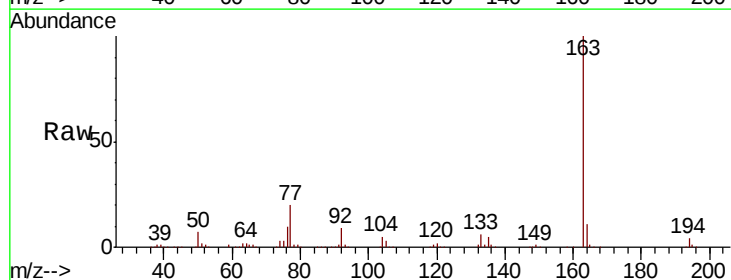
Tgt Ion:163 Resp: 525704

Ion Ratio Lower Upper

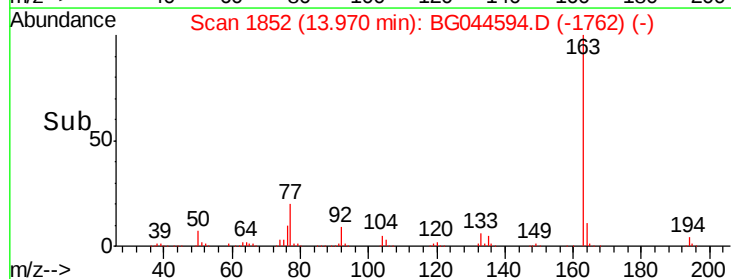
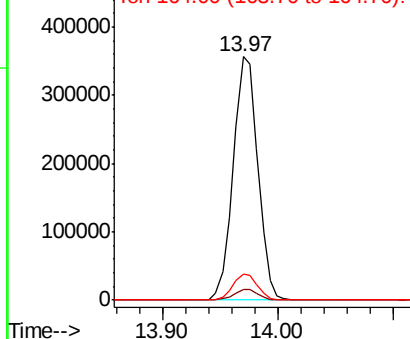
163 100

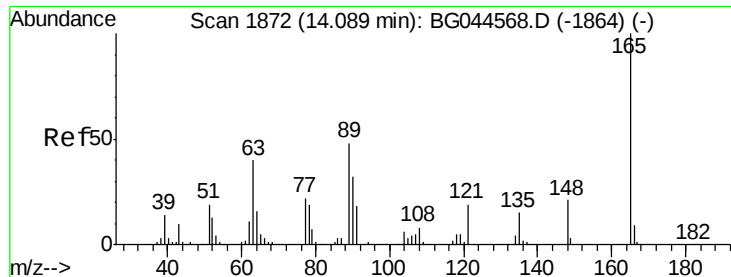
194 4.3 3.4 5.0

164 10.6 8.7 13.1



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

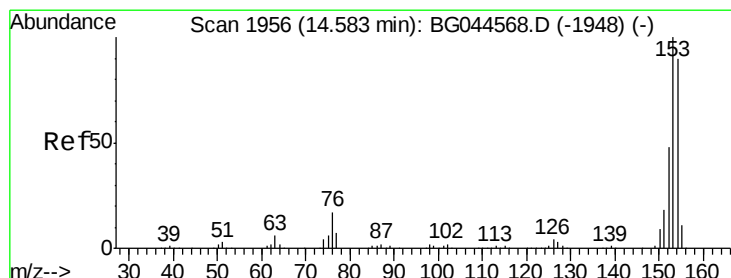
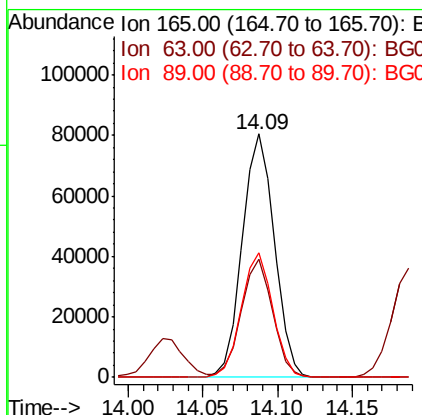
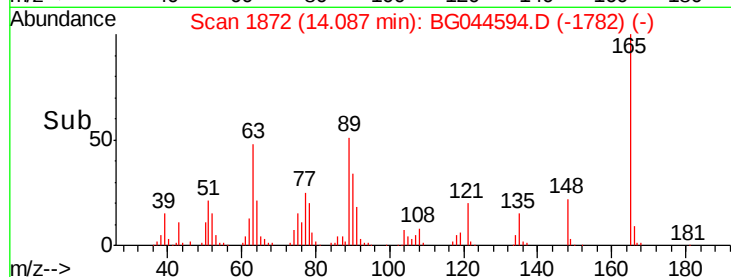
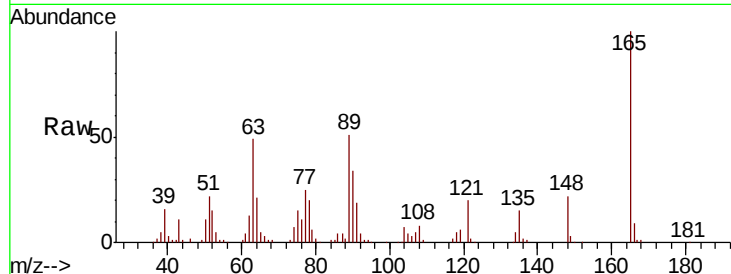




#51
2,6-Dinitrotoluene
Concen: 39.091 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

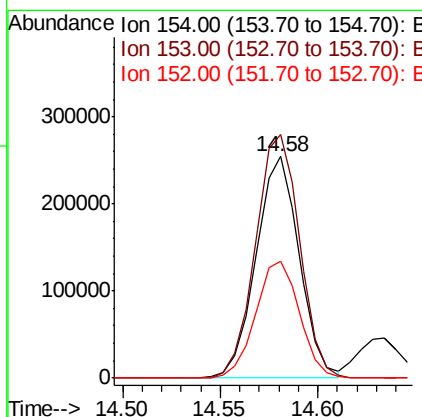
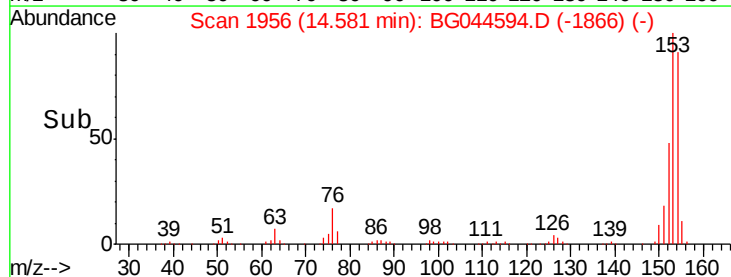
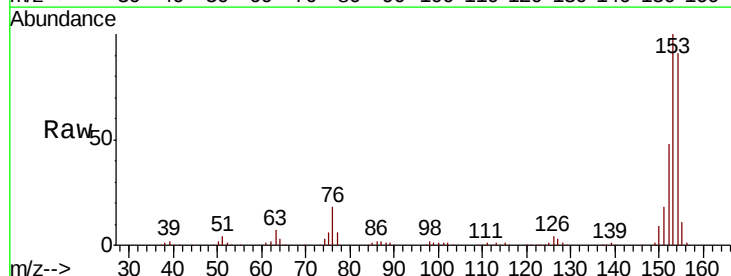
Instrument :
BNA_G
ClientSampleId :

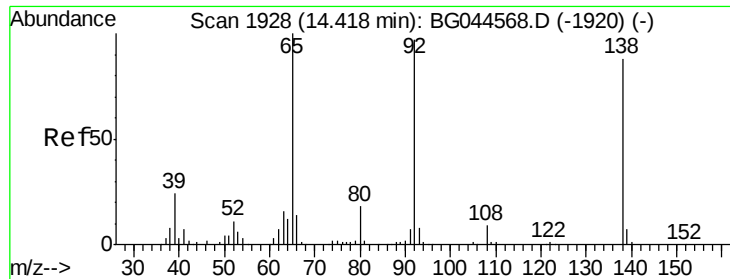
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	35.8	53.6
89	51.1	38.7	58.1



#52
Acenaphthene
Concen: 36.984 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.9	89.4	134.0
152	52.8	43.0	64.4

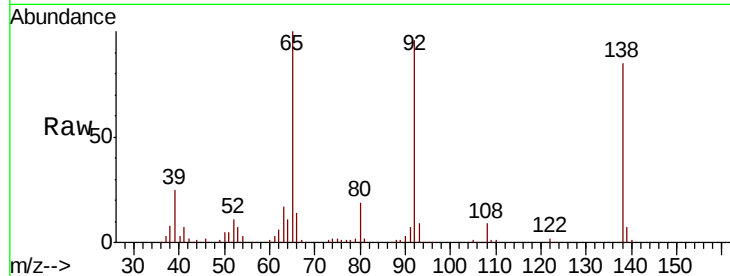




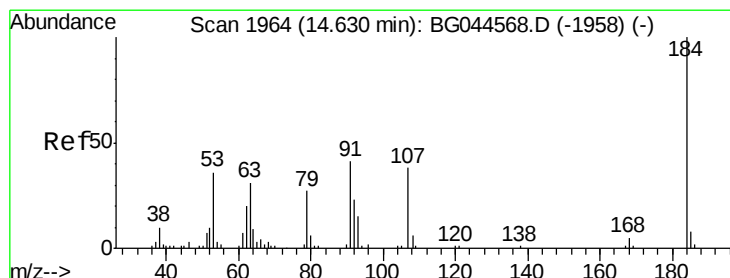
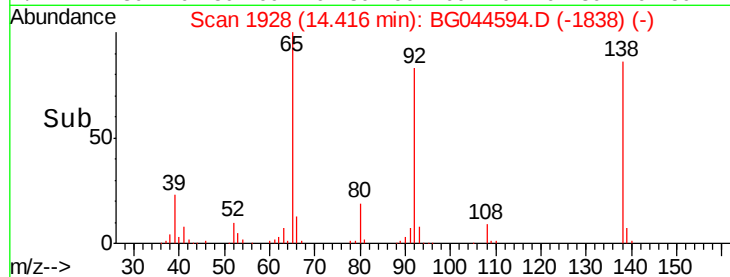
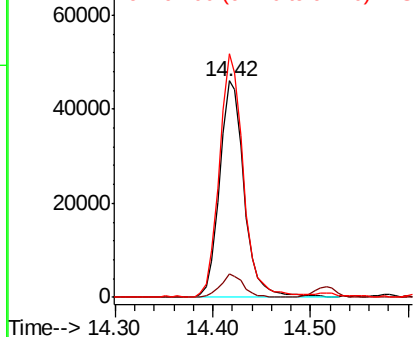
#53
3-Nitroaniline
Concen: 24.206 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 80047
Ion Ratio Lower Upper
138 100
108 10.8 7.9 11.9
92 112.5 87.4 131.2

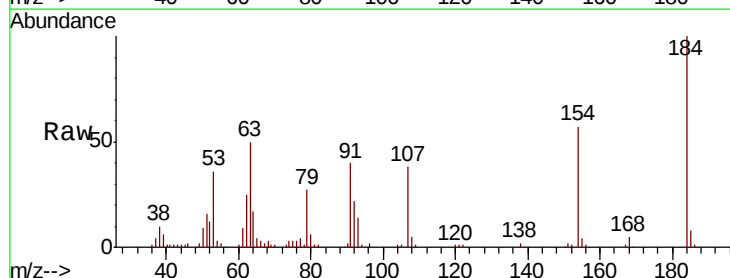


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

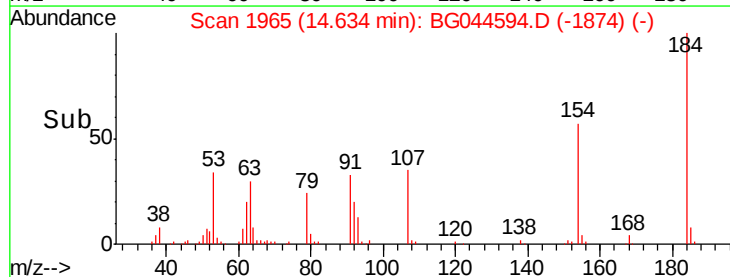
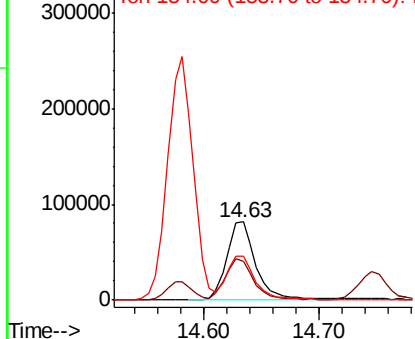


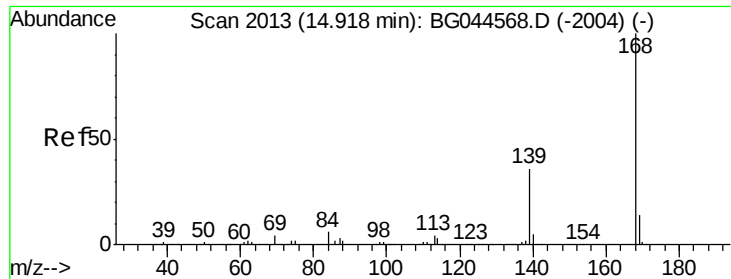
#54
2,4-Dinitrophenol
Concen: 78.136 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:184 Resp: 142292
Ion Ratio Lower Upper
184 100
63 49.8 42.1 63.1
154 56.8 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

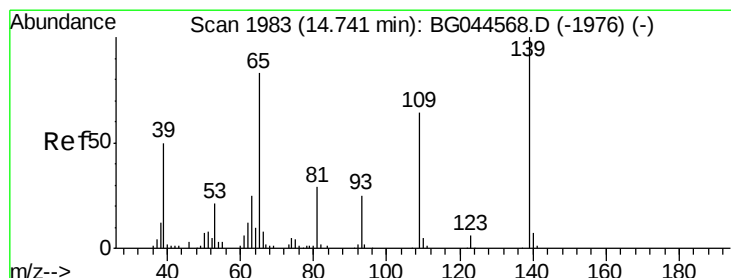
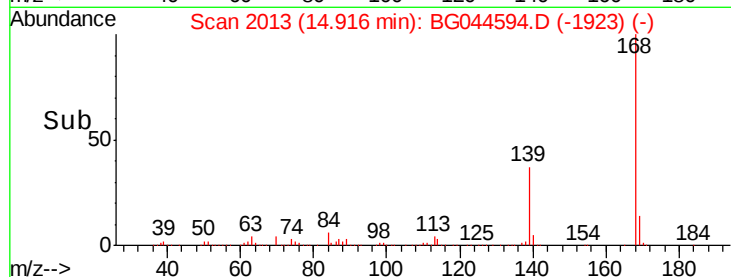
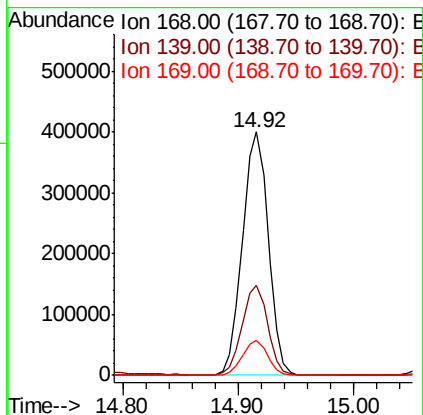
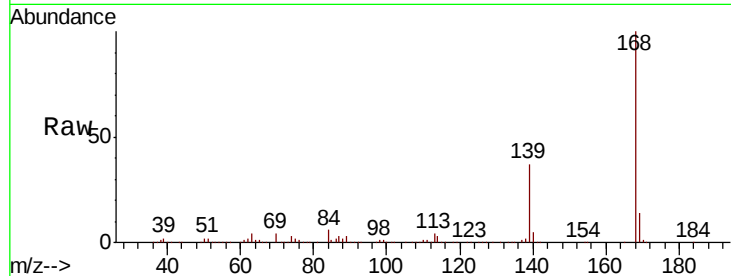




#55
Dibenzofuran
Concen: 38.630 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

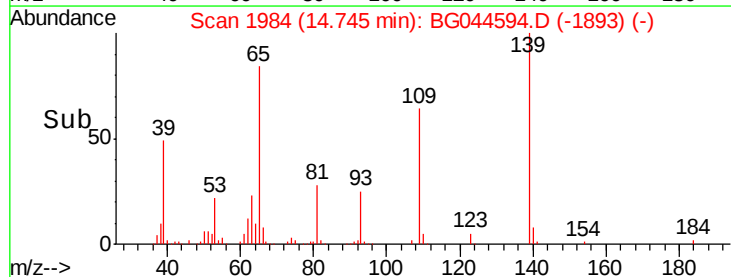
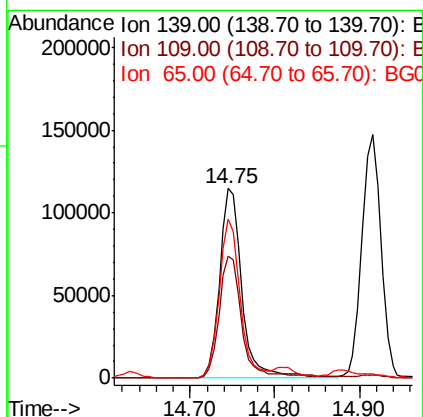
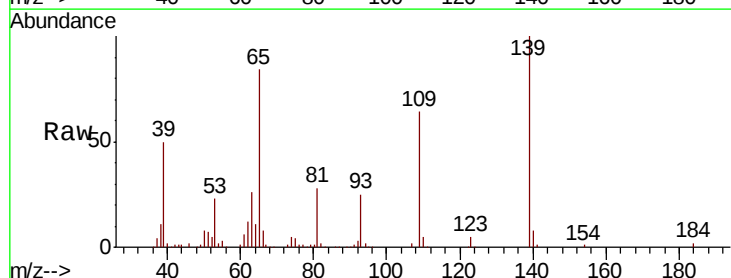
Instrument :
BNA_G
ClientSampled :

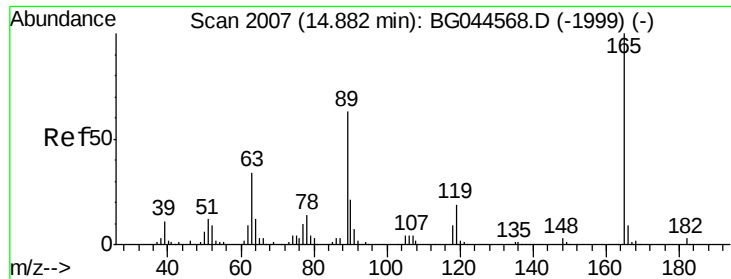
Tot Ion:168 Resp: 622893
Ion Ratio Lower Upper
168 100
139 36.8 29.2 43.8
169 14.1 11.0 16.6



#56
4-Nitrophenol
Concen: 93.619 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:139 Resp: 212954
Ion Ratio Lower Upper
139 100
109 64.5 43.8 83.8
65 84.2 63.6 103.6

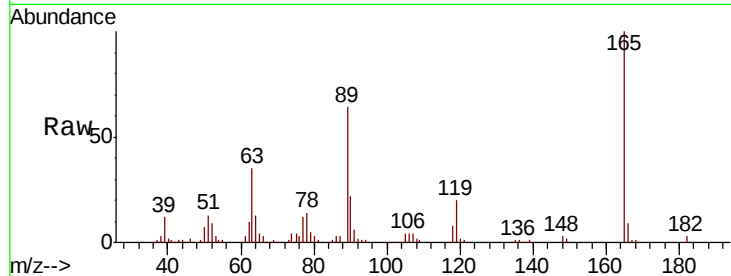




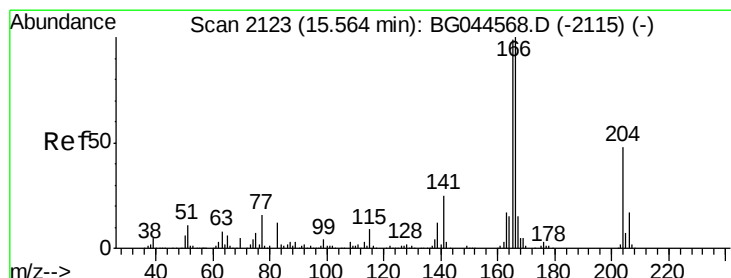
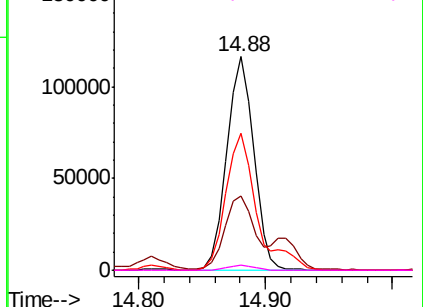
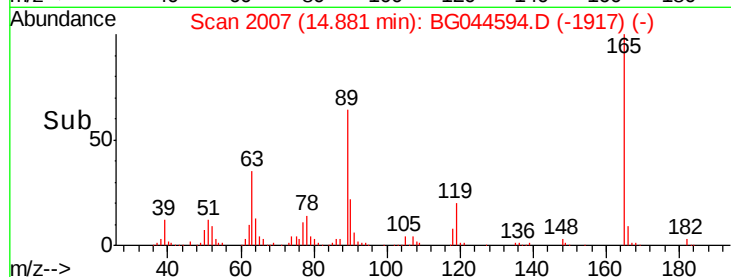
#57
 2,4-Dinitrotoluene
 Concen: 39.737 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	171303
Ion	Ratio	Lower	Upper
165	100		
63	35.0	27.5	41.3
89	64.0	50.0	75.0
182	2.6	2.3	3.5

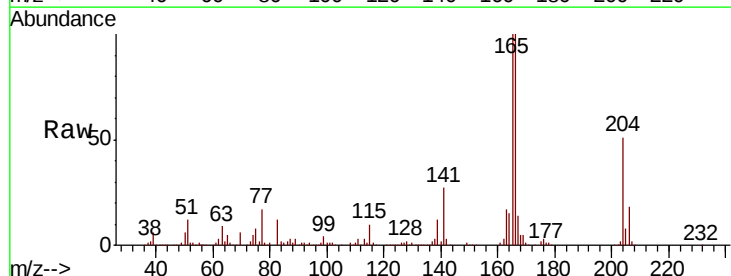


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

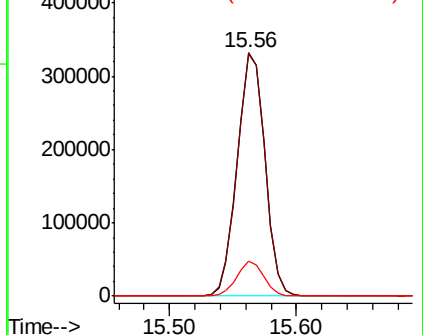
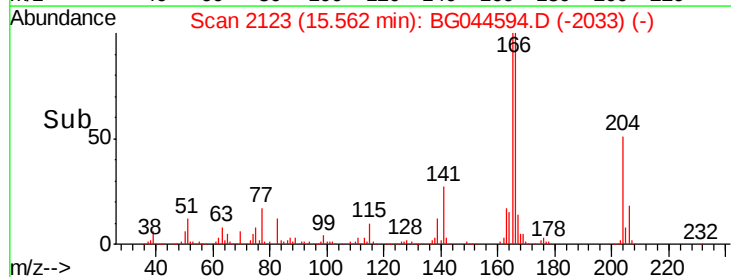


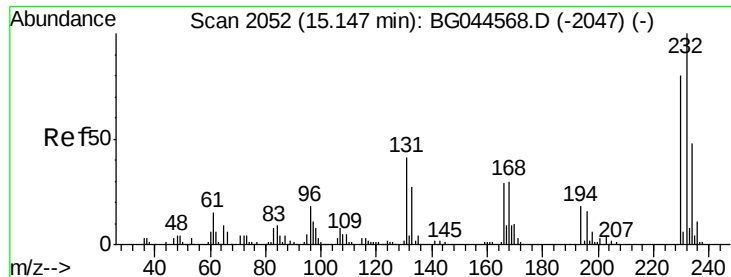
#58
 Fluorene
 Concen: 39.162 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion:	166	Resp:	500682
Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.2	118.8
167	14.5	11.7	17.5



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

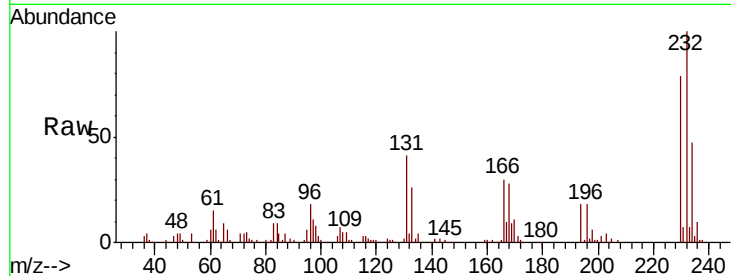




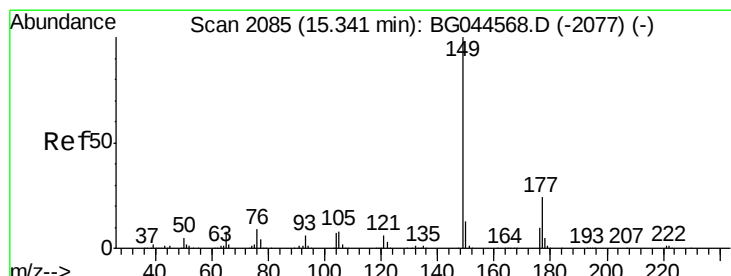
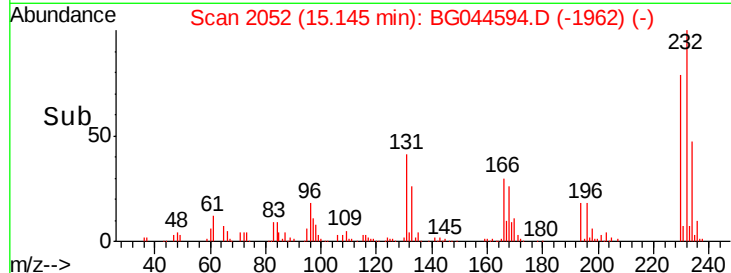
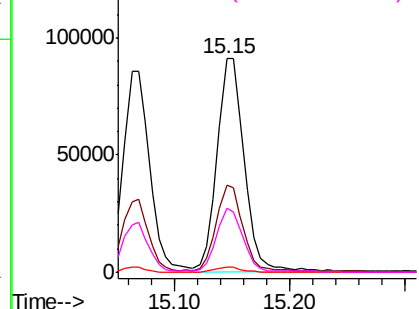
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.475 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	147726
Ion Ratio	Lower	Upper
232	100	
131	40.6	31.8 47.6
130	2.3	1.8 2.6
166	29.6	22.7 34.1

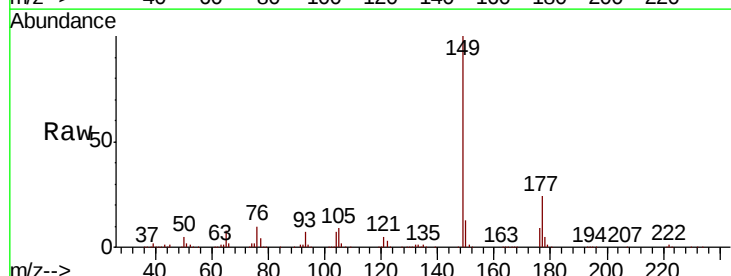


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

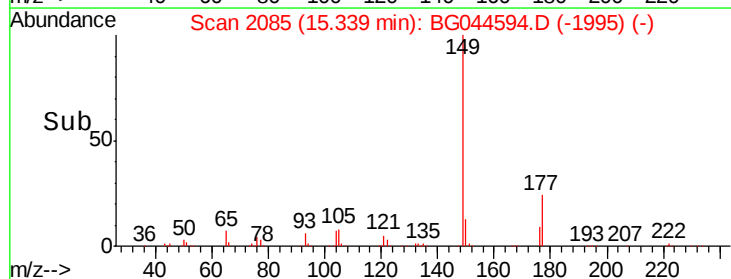
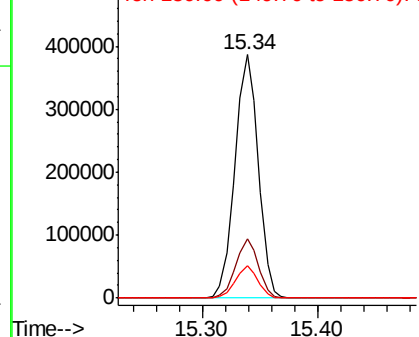


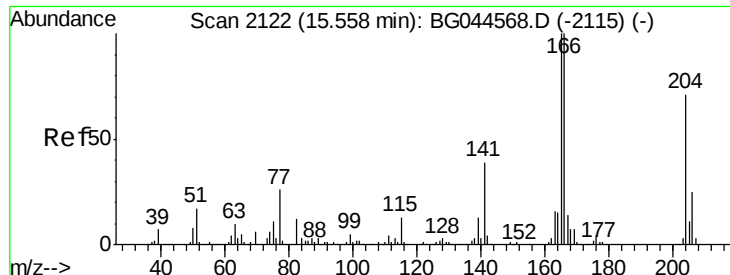
#60
 Diethylphthalate
 Concen: 39.104 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion:149	Resp:	538681
Ion Ratio	Lower	Upper
149	100	
177	24.1	19.2 28.8
150	13.2	10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

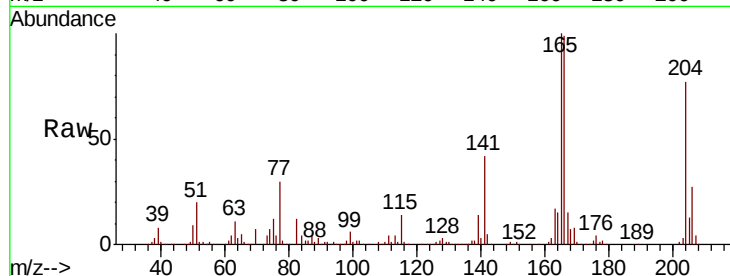




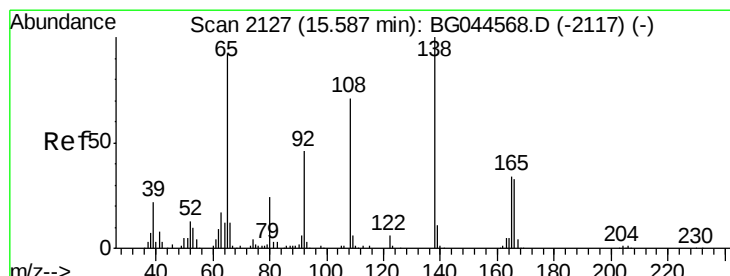
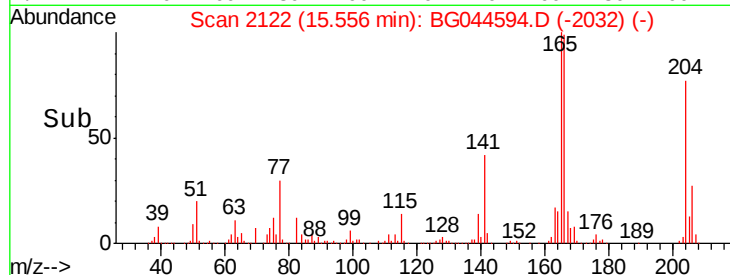
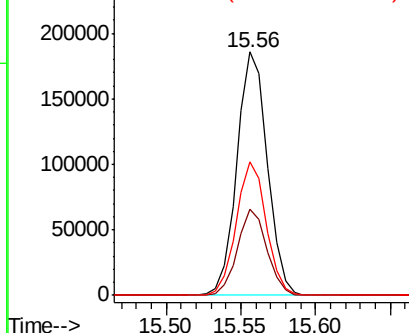
#61
 4-Chlorophenyl-phenylether
 Concen: 37.732 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	27.8	41.8
141	54.9	43.8	65.8

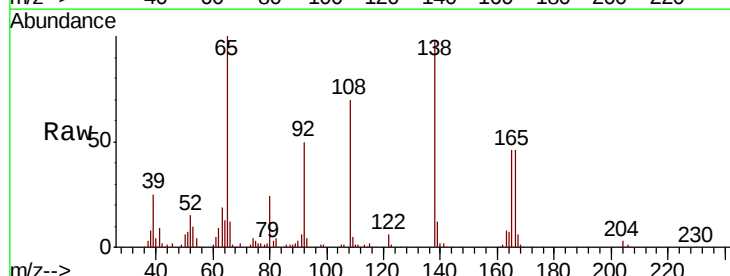


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

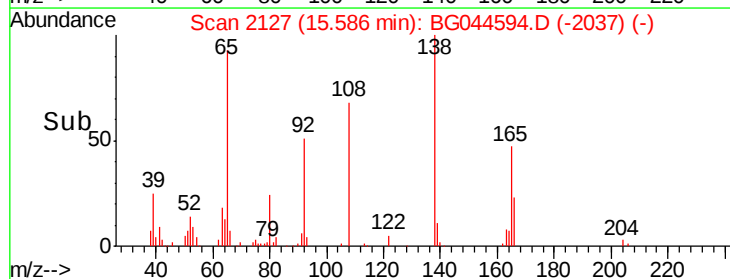
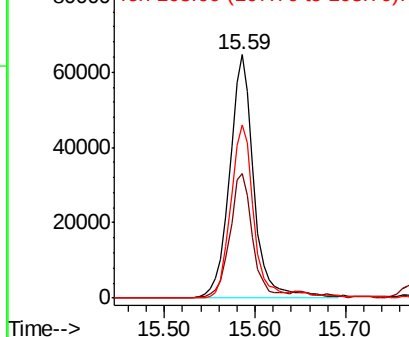


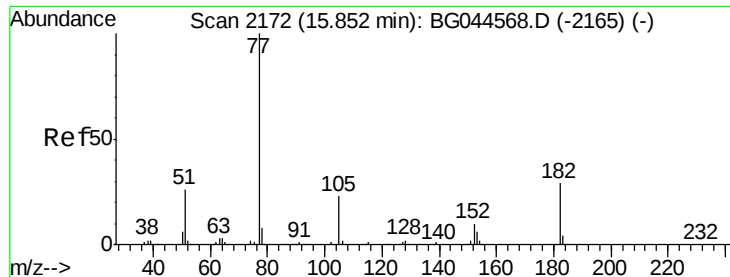
#62
 4-Nitroaniline
 Concen: 36.481 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	26.4	66.4
108	71.3	50.5	90.5



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





#63

Azobenzene

Concen: 39.444 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 462421

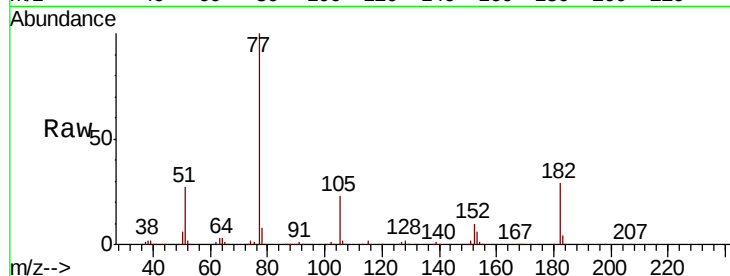
Ion Ratio Lower Upper

77 100

182 29.3 9.4 49.4

105 23.3 3.4 43.4

51 27.2 6.4 46.4

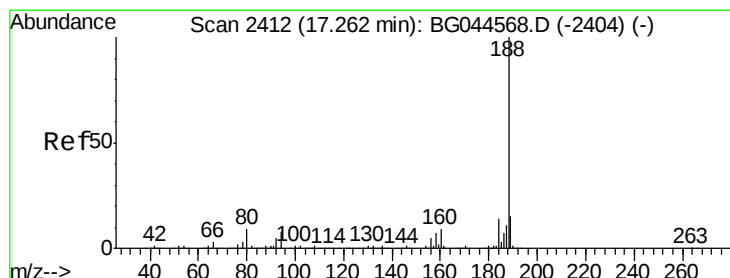
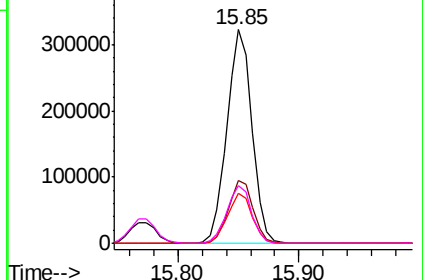
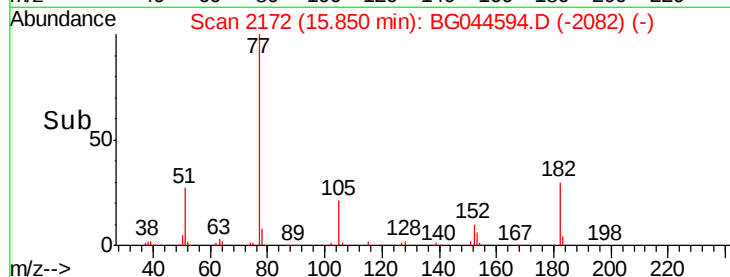


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044594.D

Acq: 26 Feb 2020 2:32

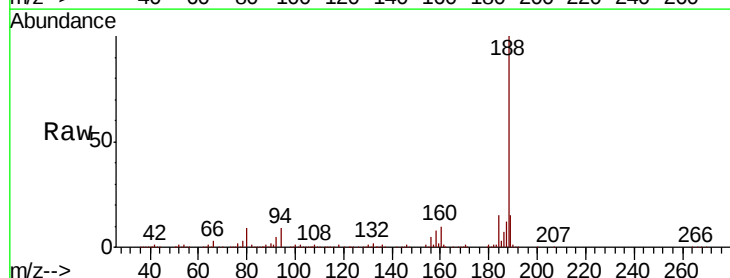
Tgt Ion: 188 Resp: 421377

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

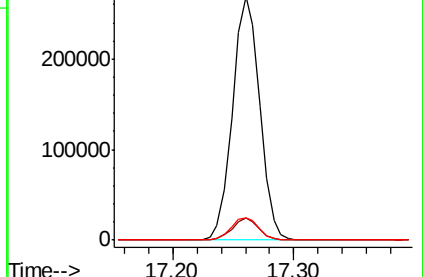
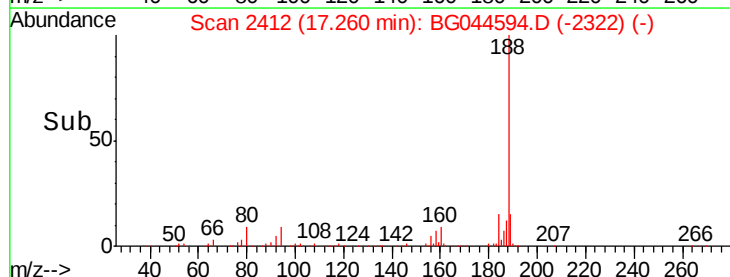
80 9.3 7.6 11.4

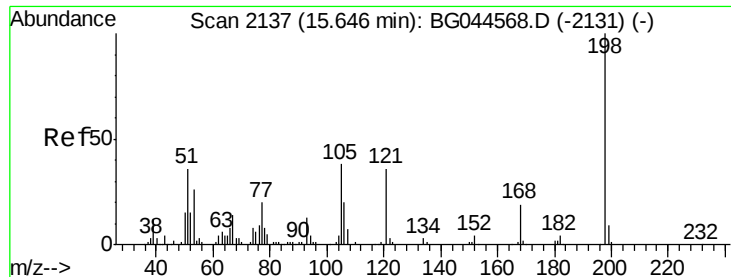


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.017 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

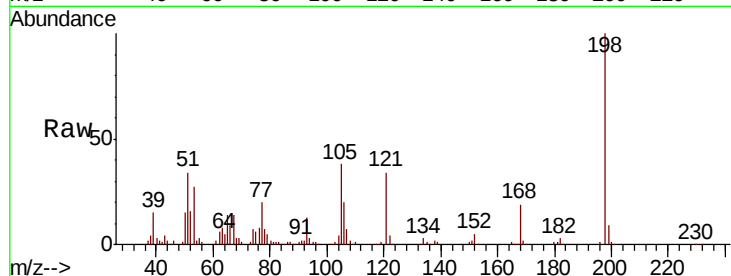
Tot Ion:198 Resp: 107020

Ion Ratio Lower Upper

198 100

51 33.5 17.0 57.0

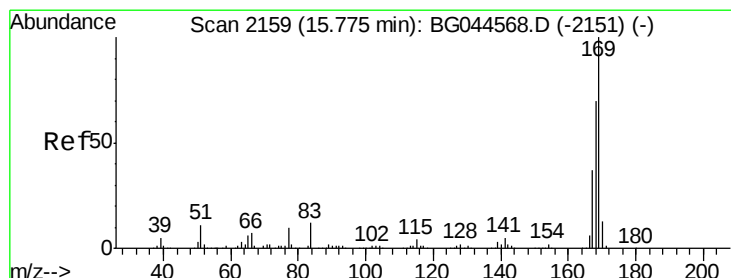
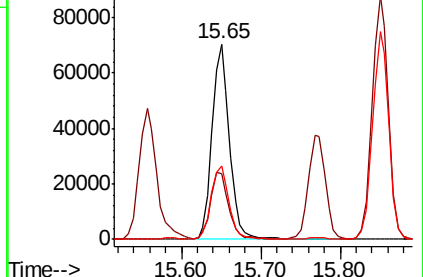
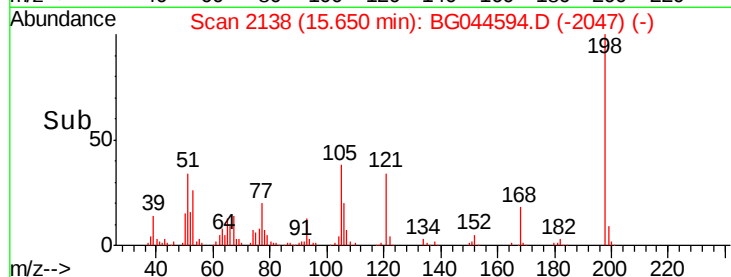
105 37.9 18.4 58.4



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: 35.729 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

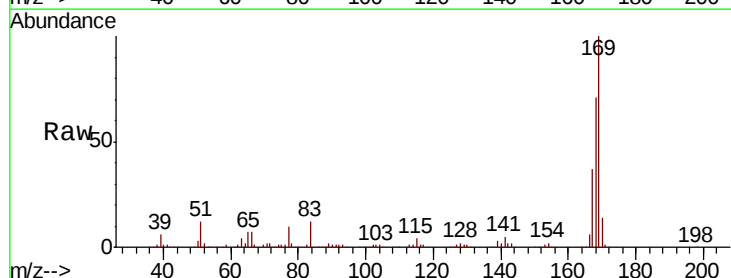
Tgt Ion:169 Resp: 469618

Ion Ratio Lower Upper

169 100

168 70.8 56.1 84.1

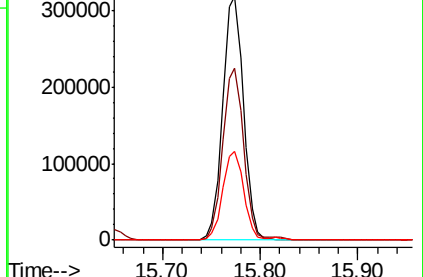
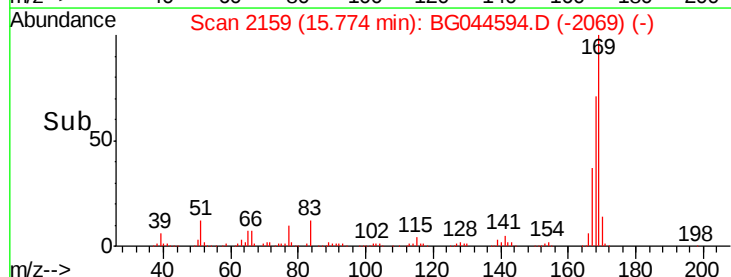
167 36.7 29.4 44.0

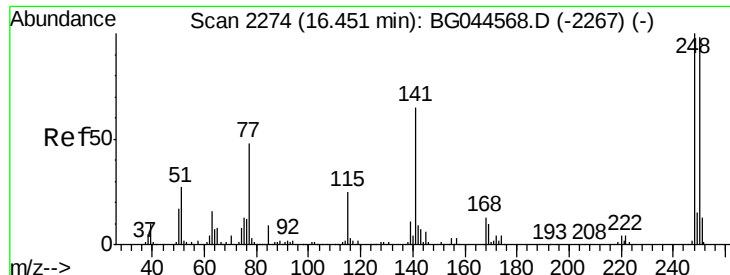


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

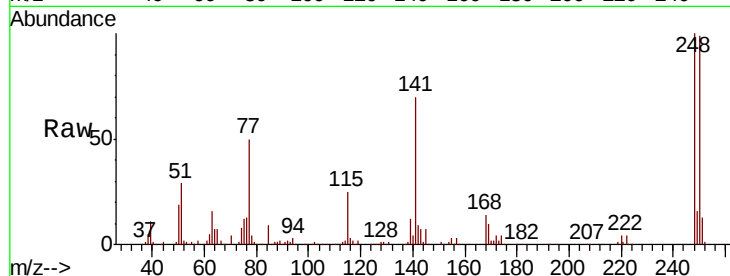




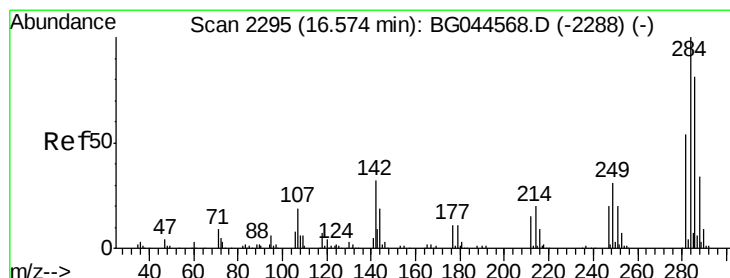
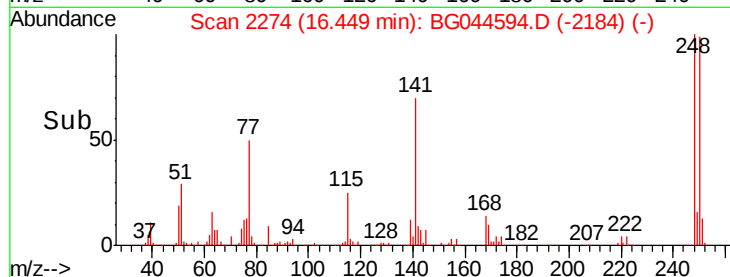
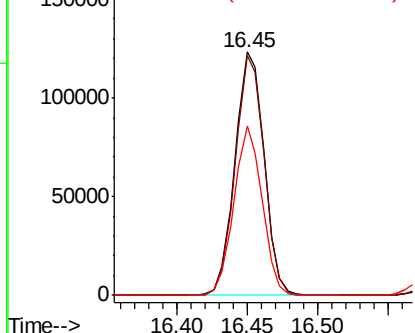
#67
 4-Bromophenyl-phenylether
 Concen: 33.980 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 177732
 Ion Ratio Lower Upper
 248 100
 250 98.6 78.7 118.1
 141 69.7 52.3 78.5

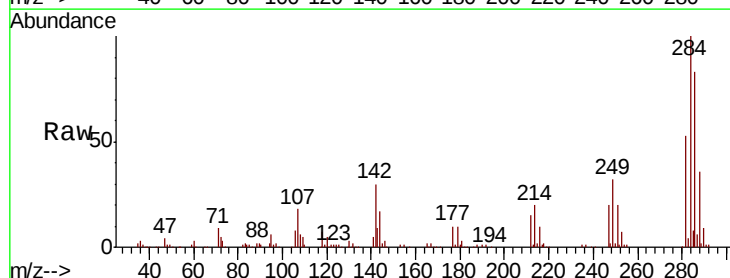


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

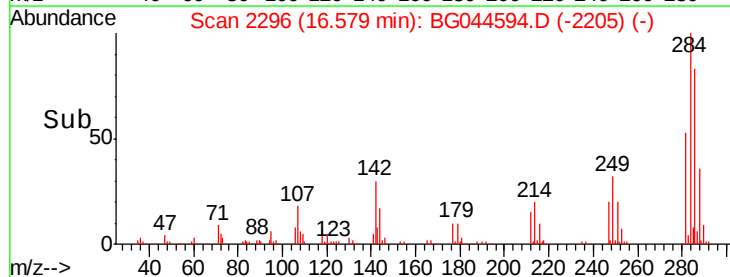
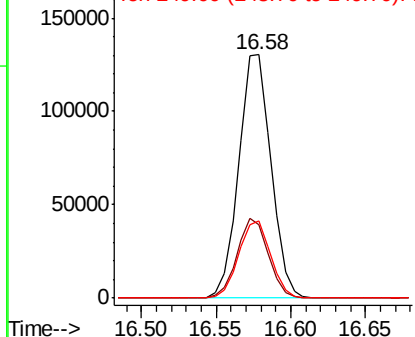


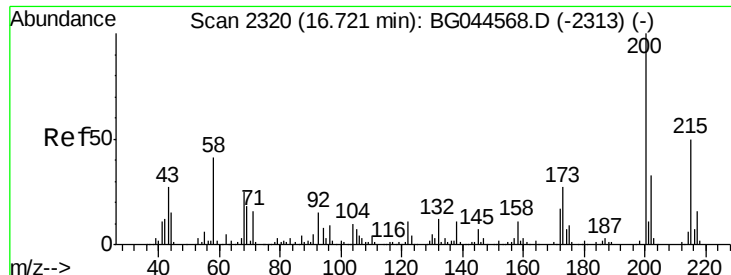
#68
 Hexachlorobenzene
 Concen: 33.029 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion:284 Resp: 195322
 Ion Ratio Lower Upper
 284 100
 142 30.0 25.6 38.4
 249 31.5 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

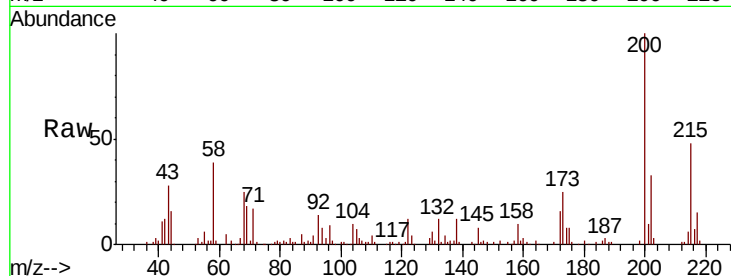




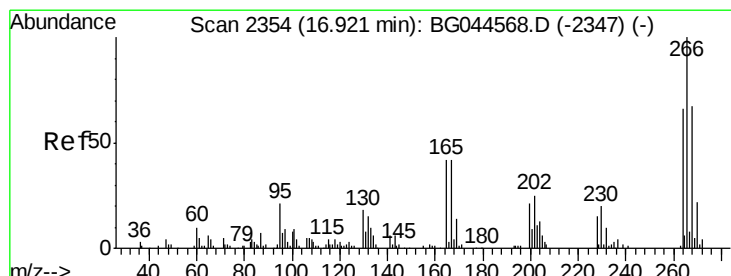
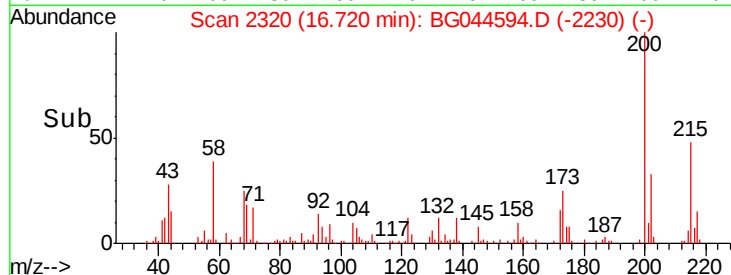
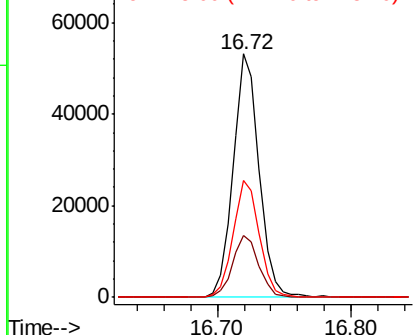
#69
 Atrazine
 Concen: 14.754 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 71694
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.6 46.6
 215 48.3 30.3 70.3

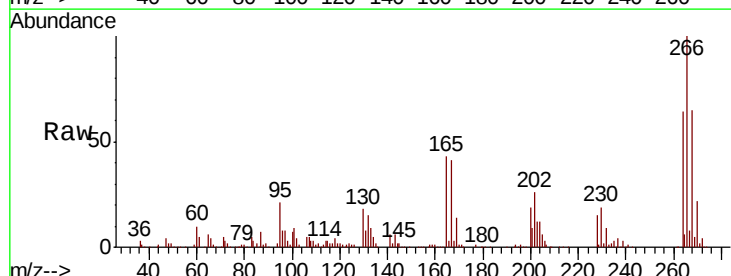


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

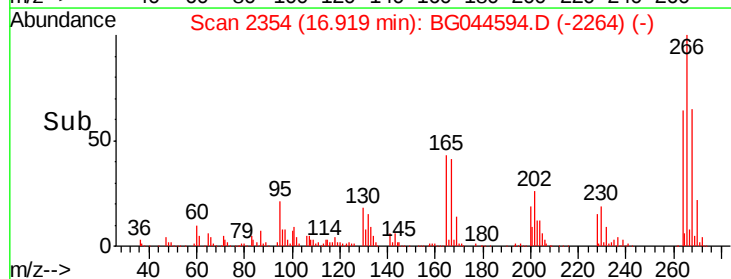
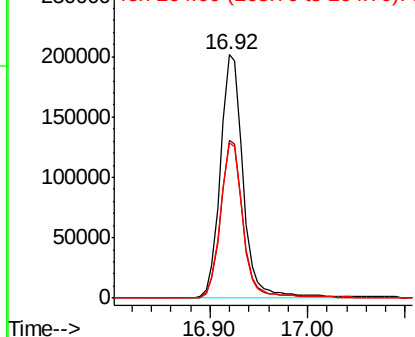


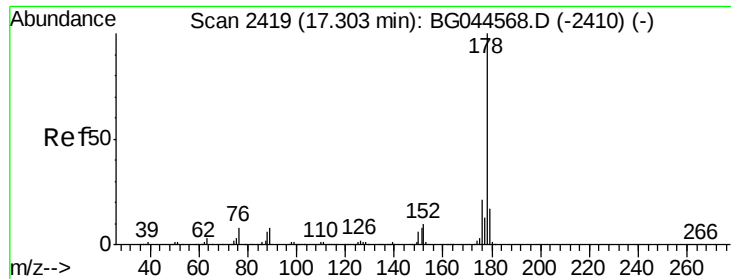
#70
 Pentachlorophenol
 Concen: 109.849 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion:266 Resp: 326510
 Ion Ratio Lower Upper
 266 100
 268 64.9 53.4 80.0
 264 63.8 53.0 79.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

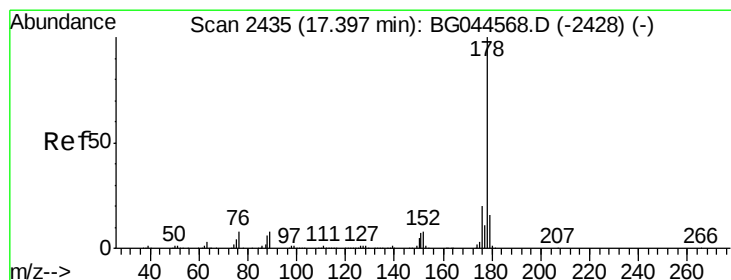
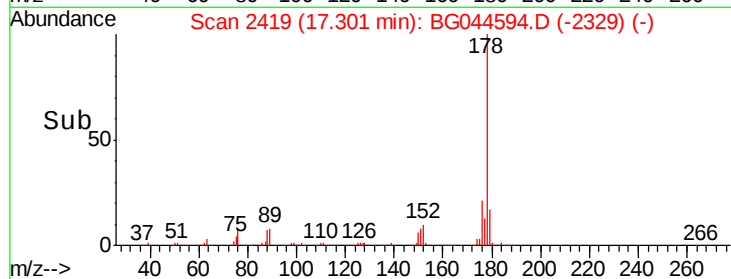
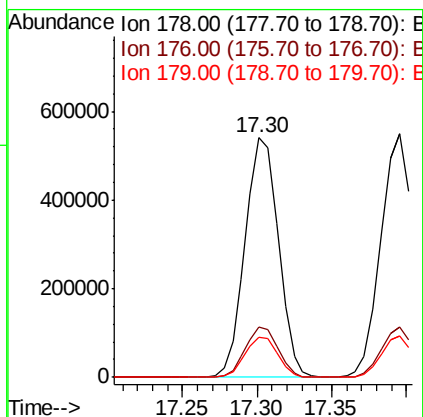
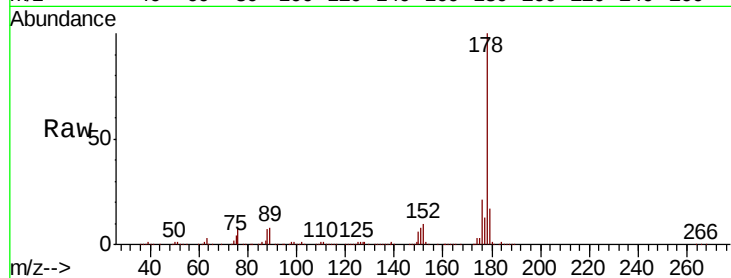




#71
Phenanthrene
Concen: 35.893 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

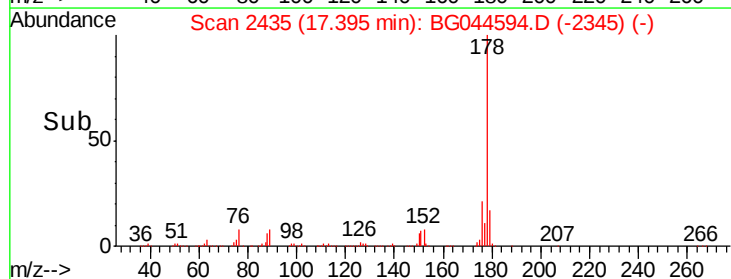
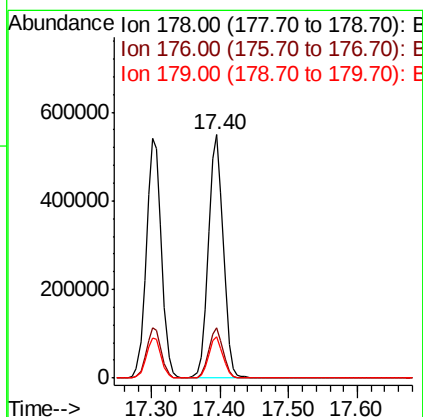
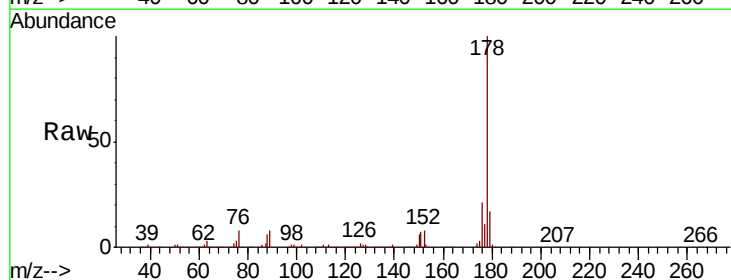
Instrument :
BNA_G
ClientSampleId :

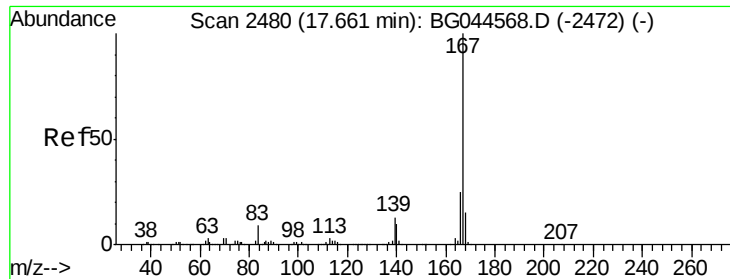
Tot Ion:178 Resp: 837350
Ion Ratio Lower Upper
178 100
176 21.1 16.6 25.0
179 16.9 13.3 19.9



#72
Anthracene
Concen: 35.939 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:178 Resp: 826239
Ion Ratio Lower Upper
178 100
176 20.7 15.9 23.9
179 16.8 13.1 19.7

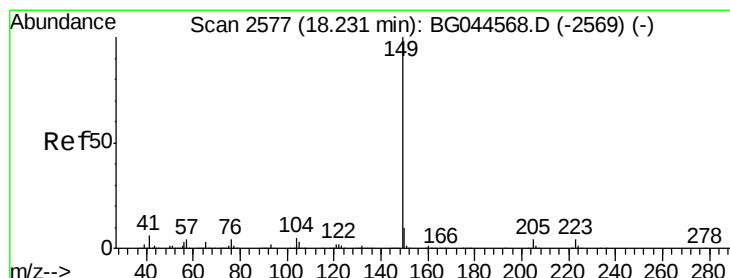
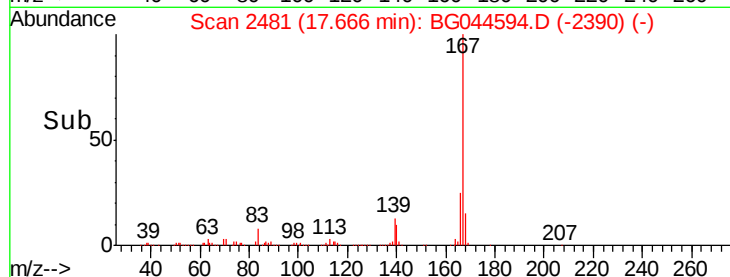
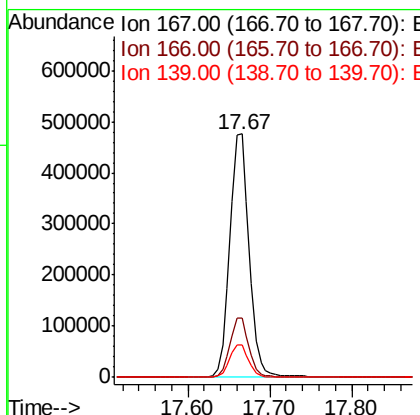
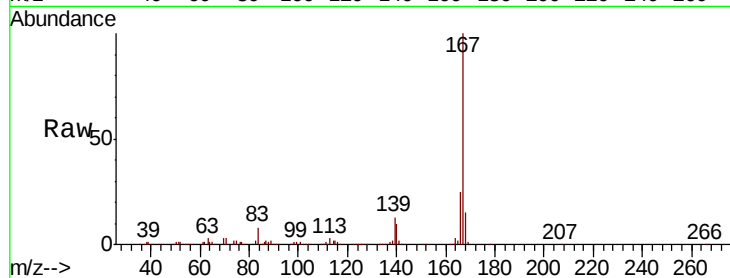




#73
 Carbazole
 Concen: 37.686 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

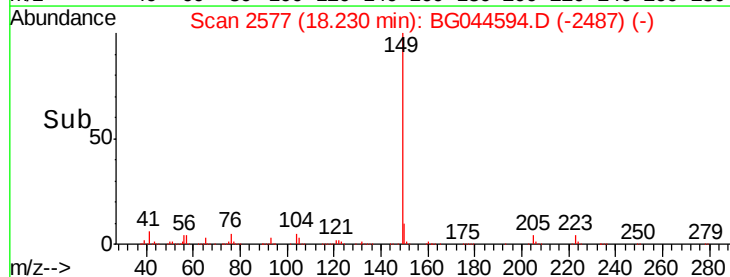
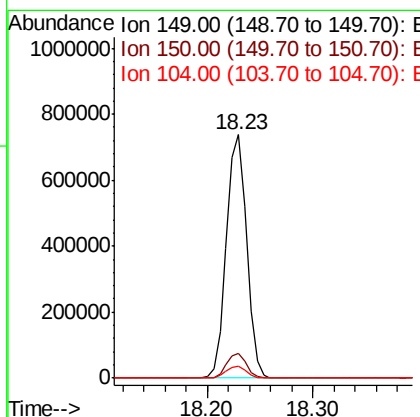
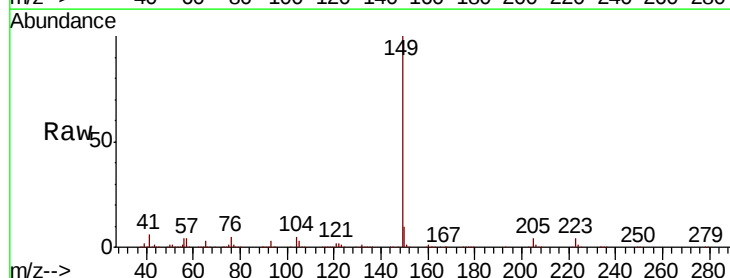
Instrument :
 BNA_G
 ClientSampleId :

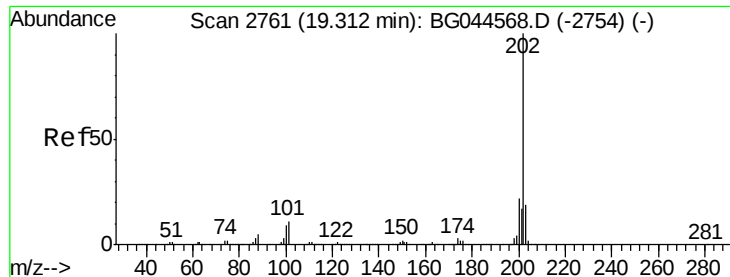
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.7	29.5
139	13.2	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 37.170 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 37.798 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

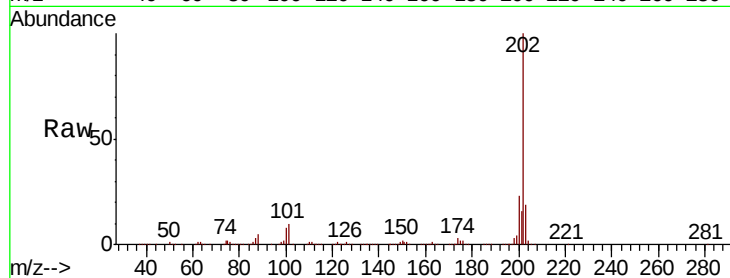
Tot Ion:202 Resp: 1043856

Ion Ratio Lower Upper

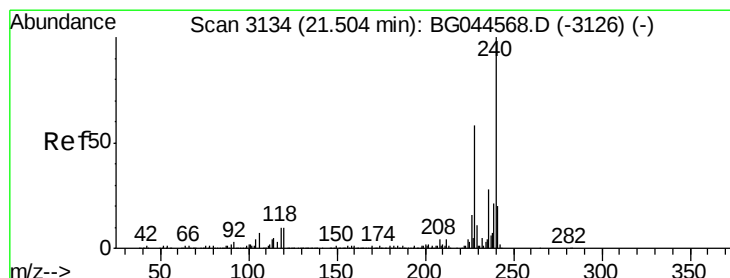
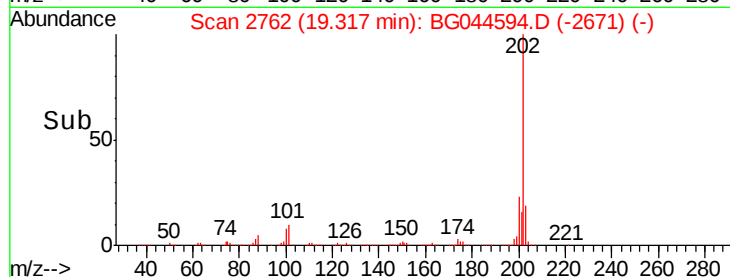
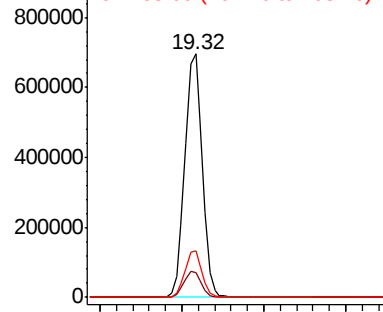
202 100

101 10.4 0.0 31.0

203 19.0 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: BG044594.D

Acq: 26 Feb 2020 2:32

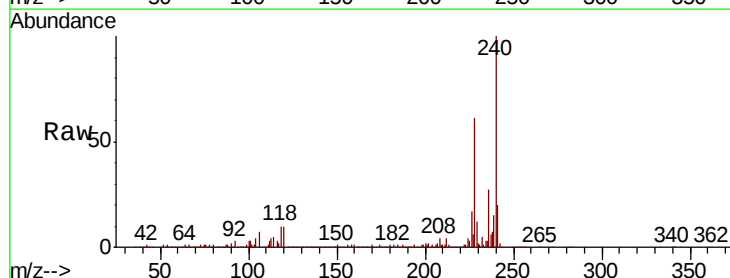
Tgt Ion:240 Resp: 450203

Ion Ratio Lower Upper

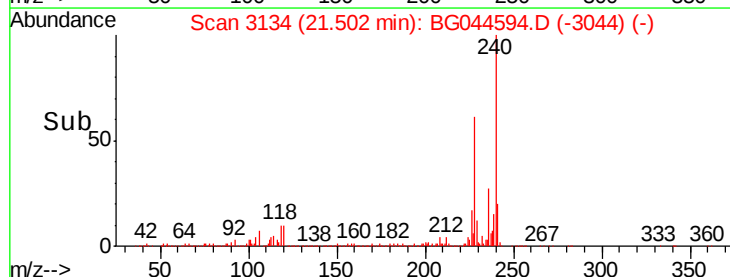
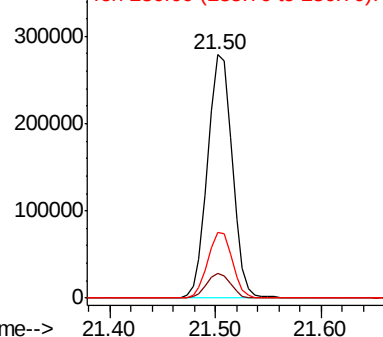
240 100

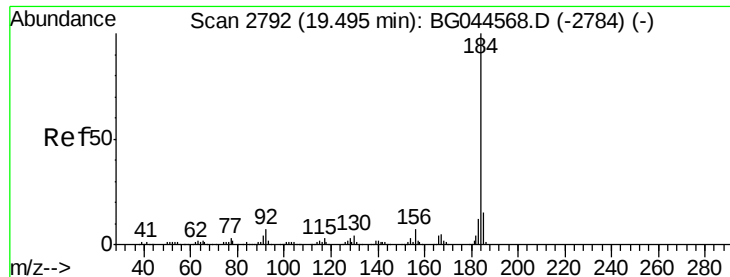
120 10.1 8.3 12.5

236 27.2 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: 5.962 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampleId :

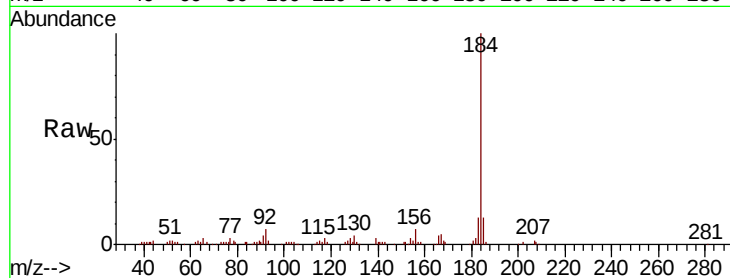
Tot Ion:184 Resp: 91948

Ion Ratio Lower Upper

184 100

185 13.1 12.2 18.4

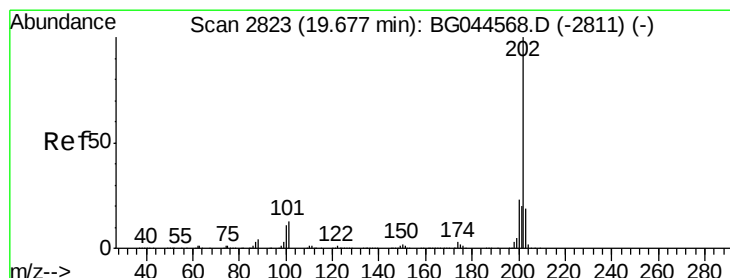
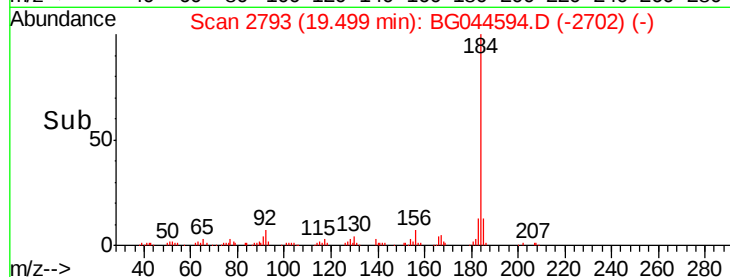
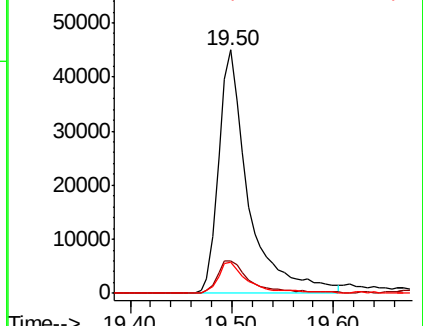
183 12.6 9.9 14.9



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: 32.245 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

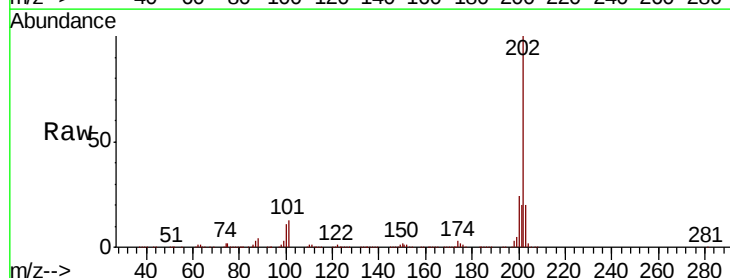
Tgt Ion:202 Resp: 1053801

Ion Ratio Lower Upper

202 100

200 23.7 18.6 28.0

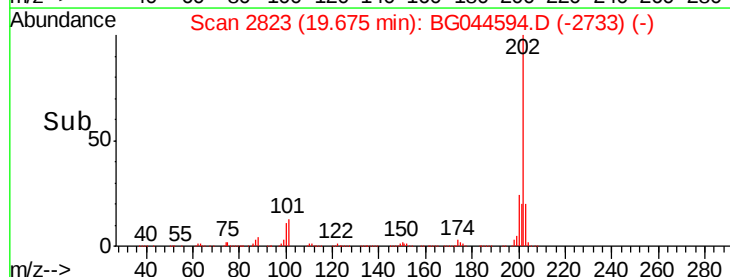
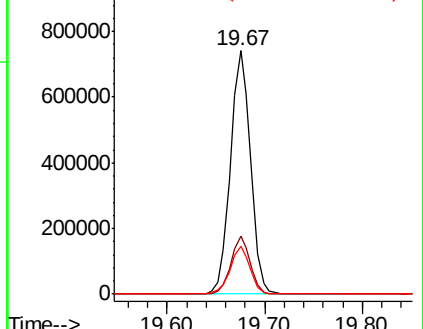
203 19.5 15.3 22.9

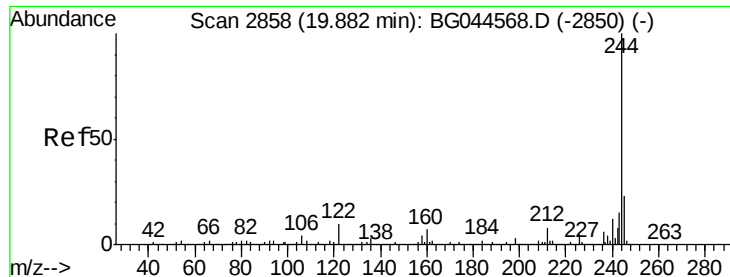


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.352 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampled :

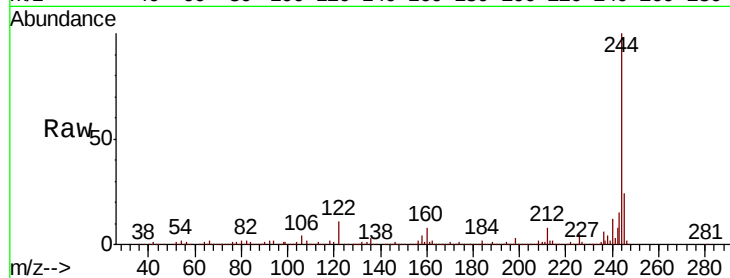
Tot Ion:244 Resp: 1506606

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

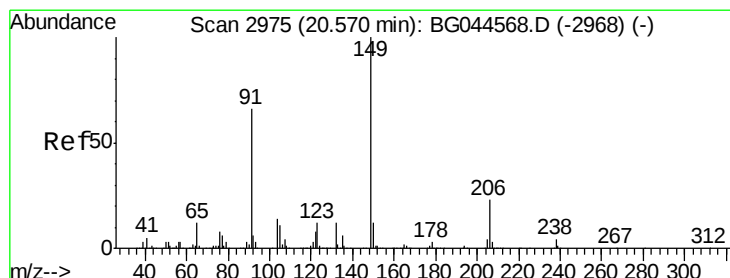
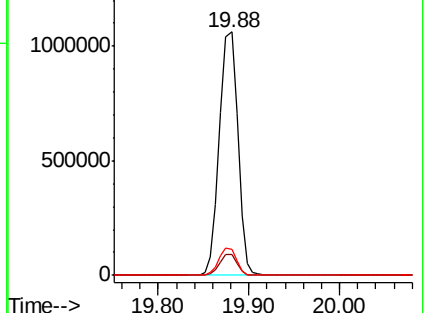
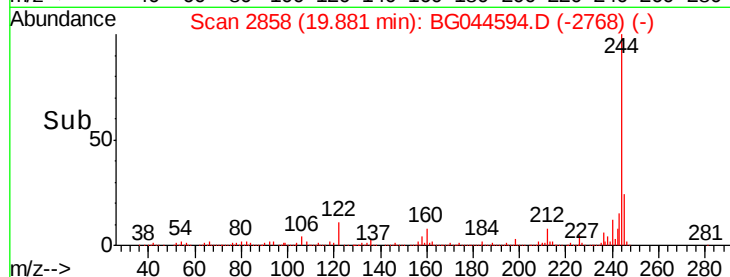
122 10.6 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.165 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

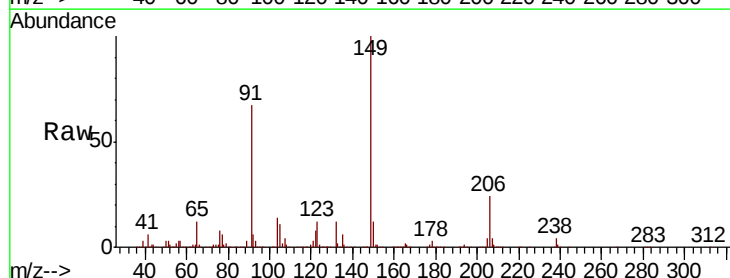
Tgt Ion:149 Resp: 459795

Ion Ratio Lower Upper

149 100

91 66.6 52.7 79.1

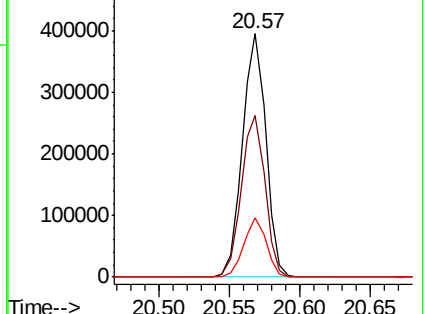
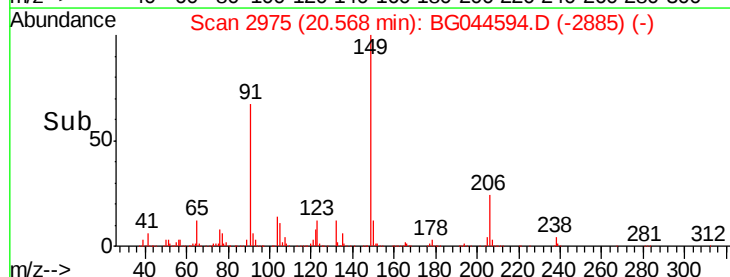
206 24.2 18.6 28.0

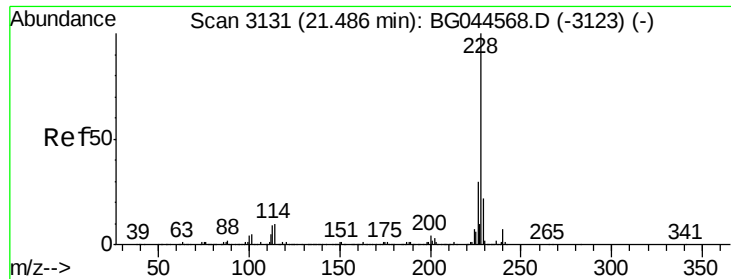


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

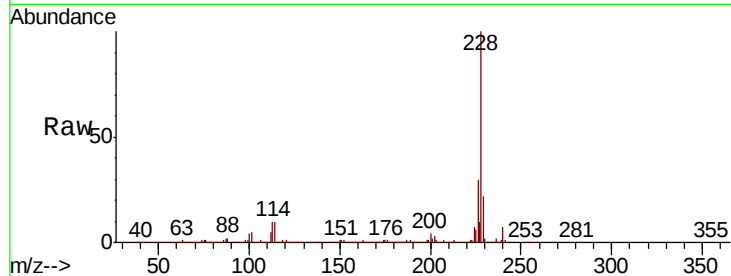




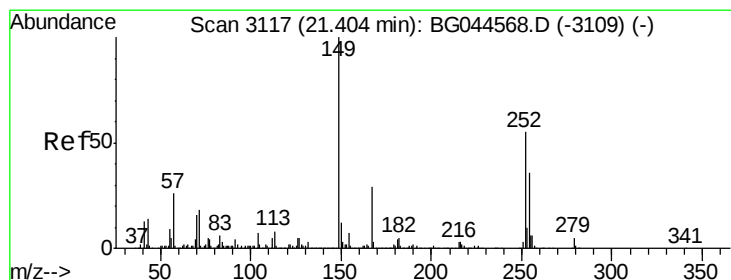
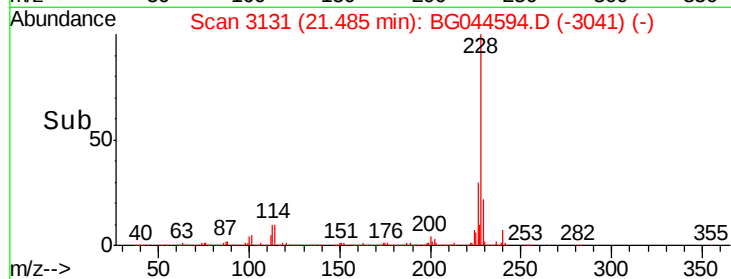
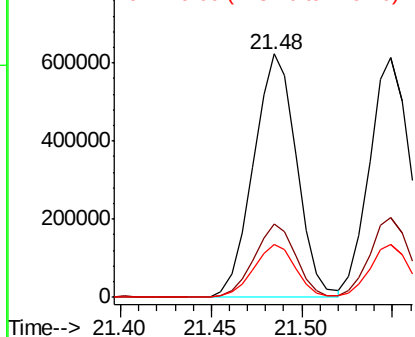
#81
Benzo(a)anthracene
Concen: 32.572 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1030644
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 21.7 17.2 25.8

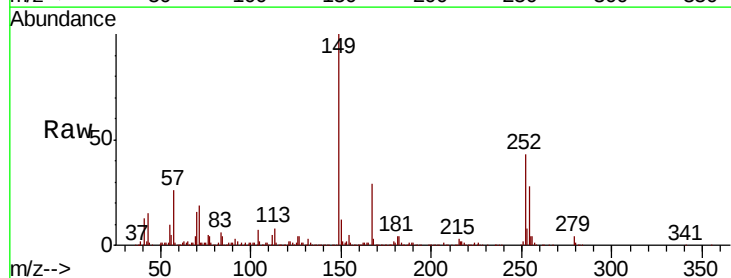


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

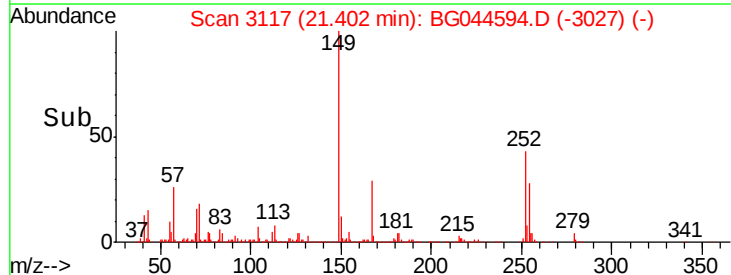
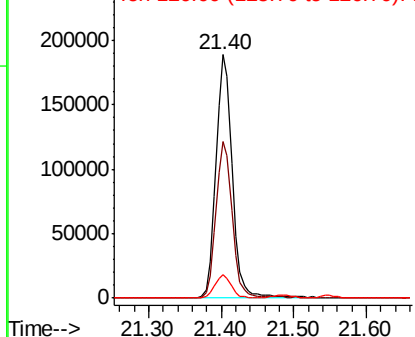


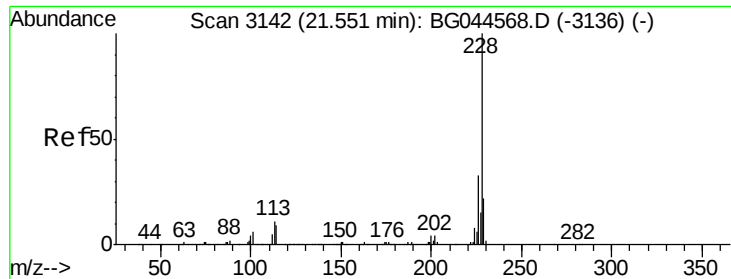
#82
3,3'-Dichlorobenzidine
Concen: 23.701 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:252 Resp: 296273
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 9.6 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

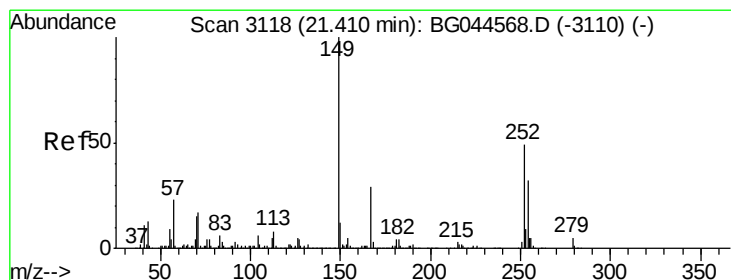
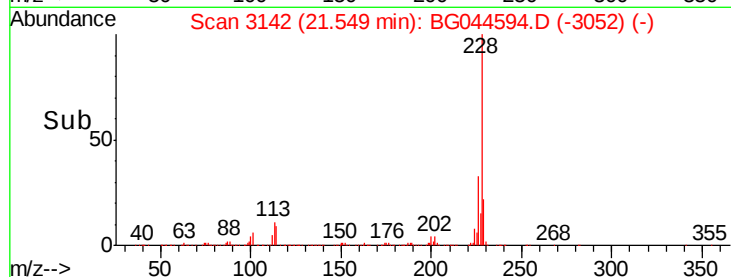
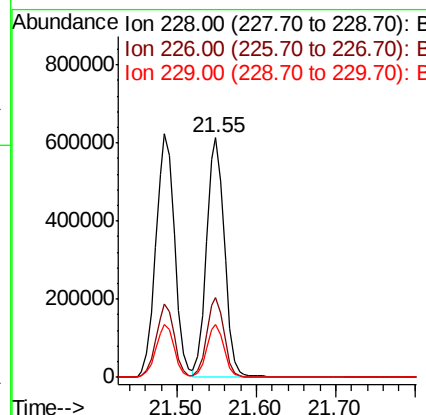
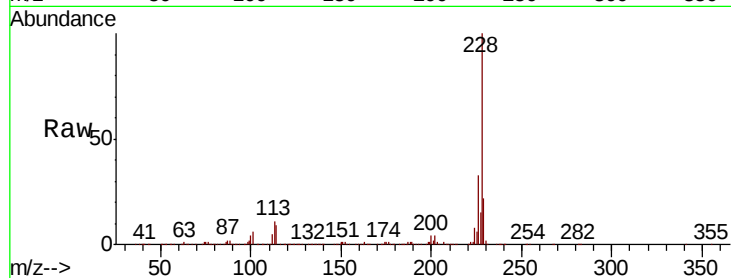




#83
 Chrvsene
 Concen: 31.656 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

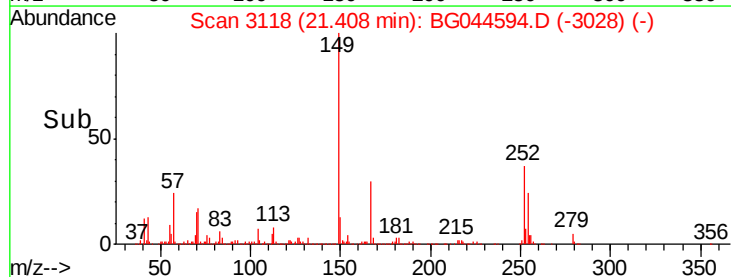
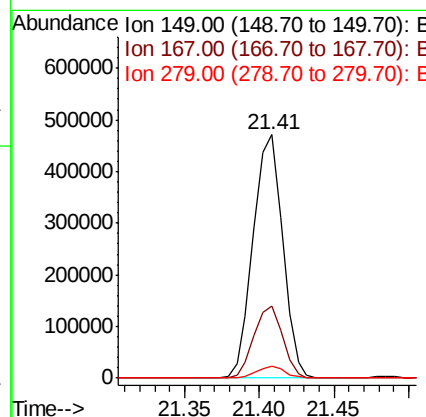
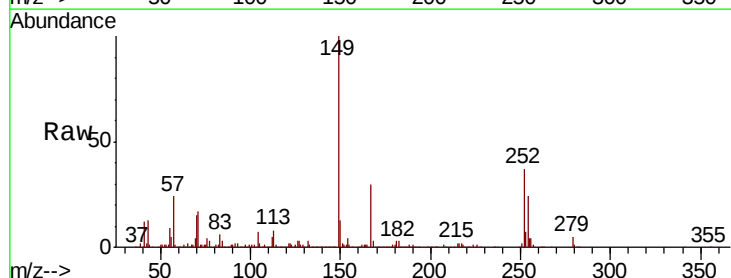
Instrument :
 BNA_G
 ClientSampleId :

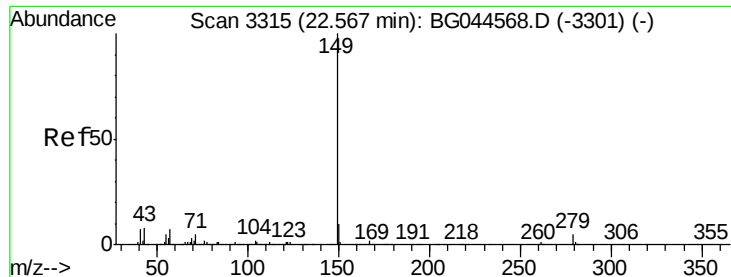
Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.1	39.1
229	22.0	17.2	25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 32.751 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG044594.D
 Acq: 26 Feb 2020 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.4	35.0
279	5.1	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 32.505 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Instrument :

BNA_G

ClientSampleId :

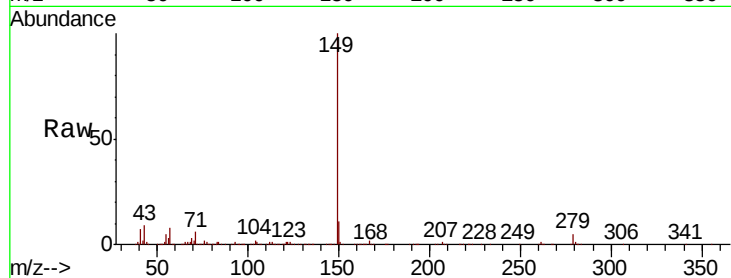
Tot Ion:149 Resp: 1126471

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.9 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

22.56

800000

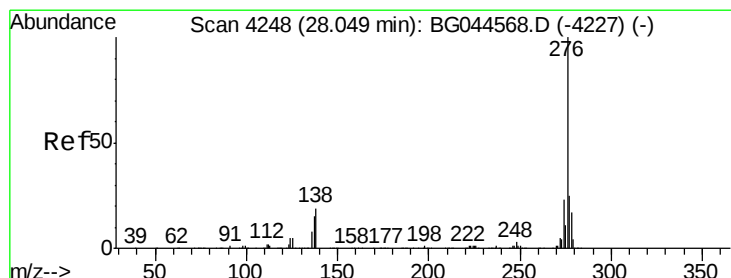
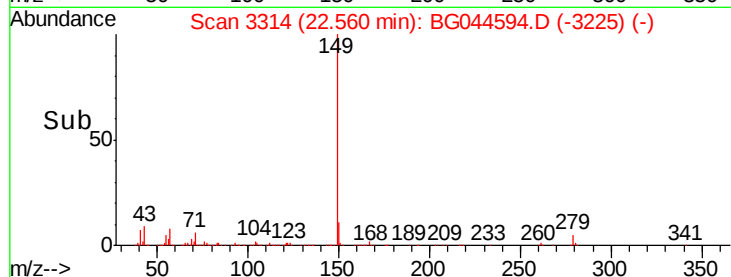
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.341 ng

RT: 28.05 min Scan# 4248

Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

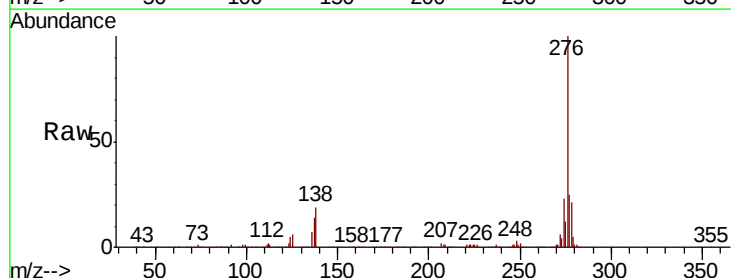
Tgt Ion:276 Resp: 1230518

Ion Ratio Lower Upper

276 100

138 23.0 18.2 27.4

277 26.3 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

28.05

300000

250000

200000

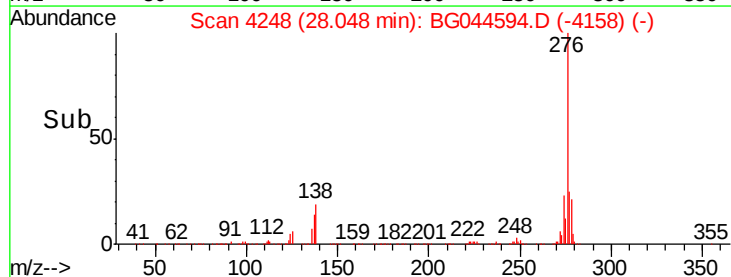
150000

100000

50000

0

Time-->



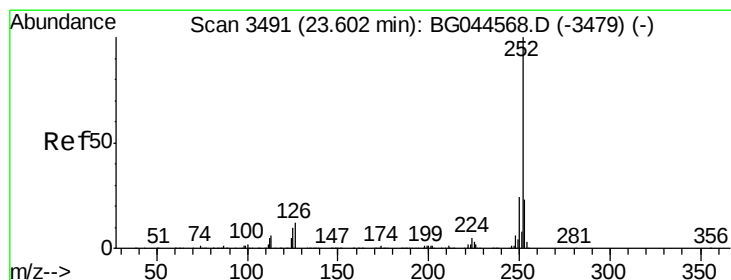
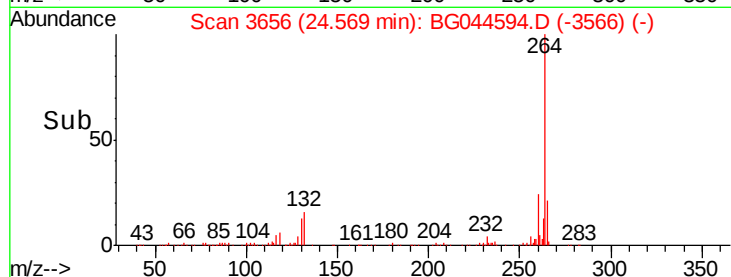
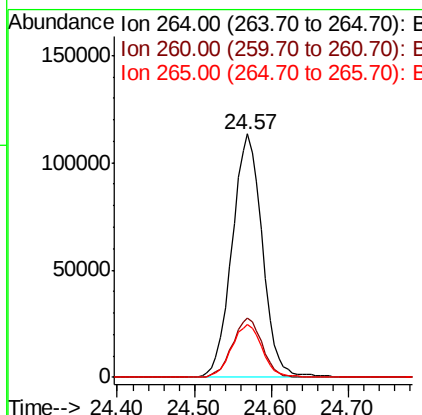
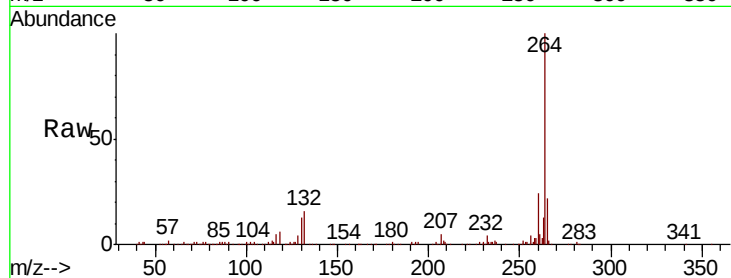


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 311259

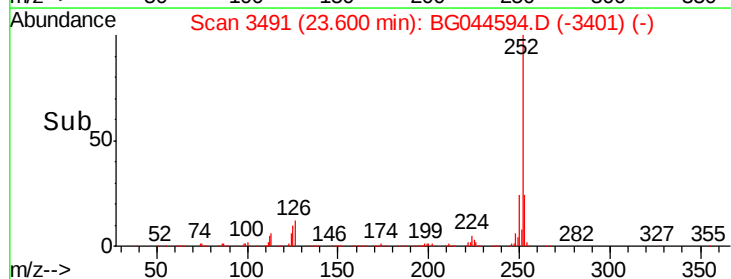
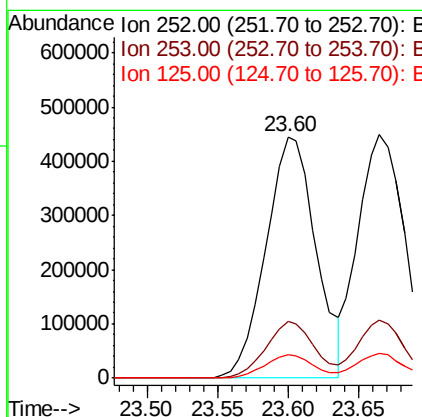
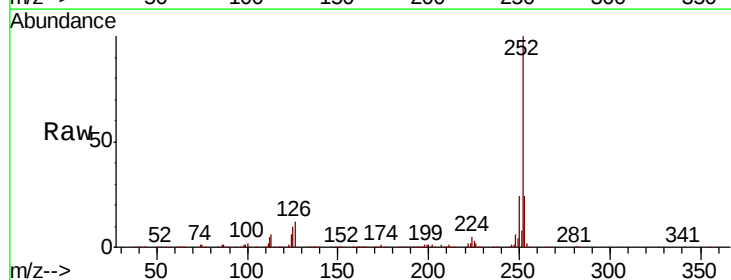
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.6	17.8	26.8

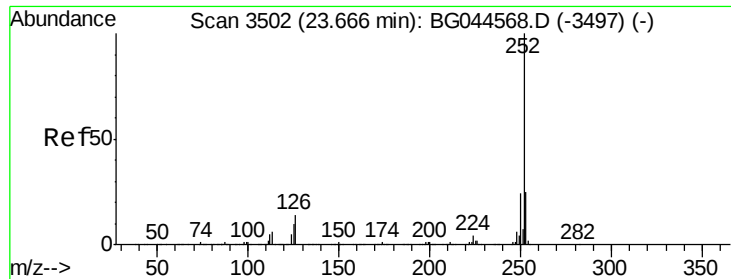


#88
Benzo(b)fluoranthene
Concen: 53.706 ng
RT: 23.60 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:252 Resp: 1099085

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	9.7	7.9	11.9

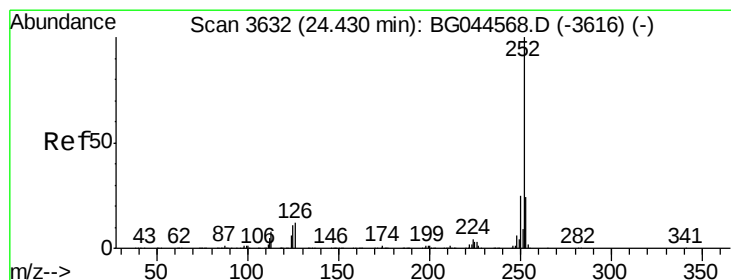
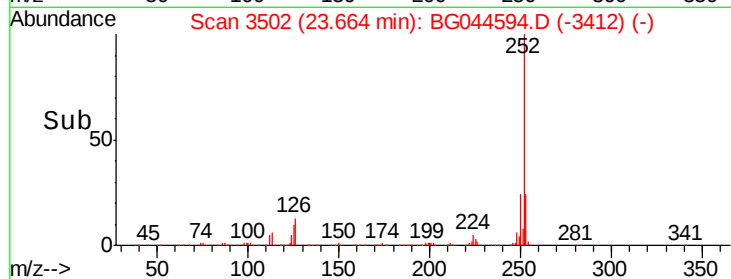
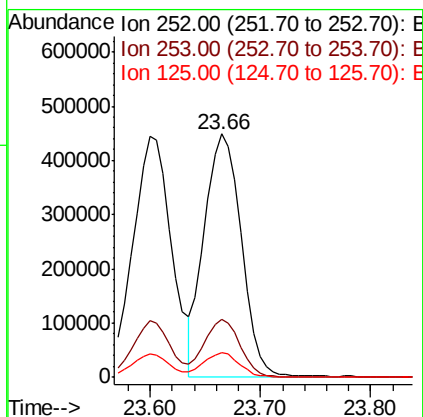
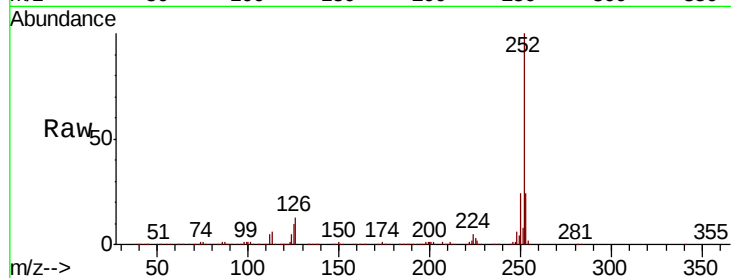




#89
Benzo(k)fluoranthene
Concen: 52.114 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

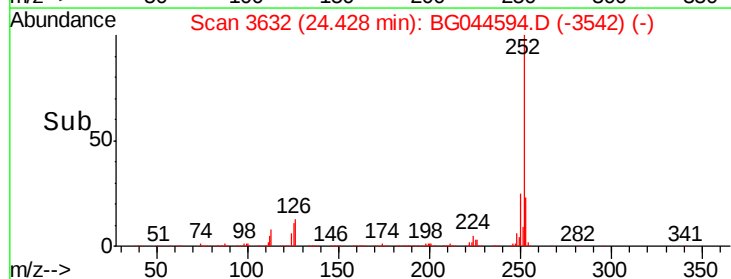
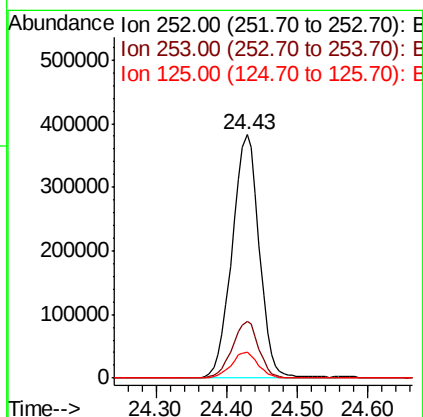
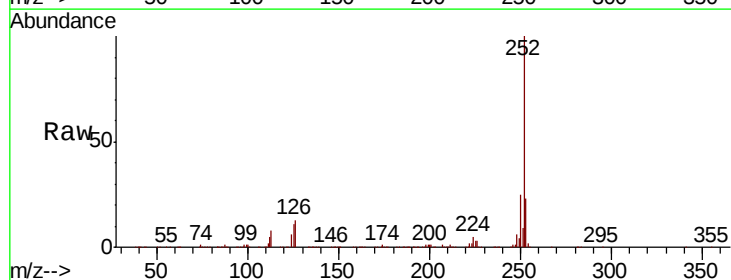
Instrument :
BNA_G
ClientSampleId :

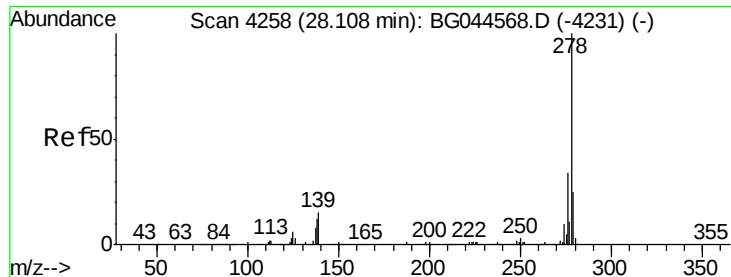
Tot Ion:252 Resp: 1034803
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.6
125 10.1 7.8 11.8



#90
Benzo(a)pyrene
Concen: 53.135 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044594.D
Acq: 26 Feb 2020 2:32

Tgt Ion:252 Resp: 1021676
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.4
125 10.6 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 54.394 ng

RT: 28.10 min Scan# 4257

Delta R.T. -0.01 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

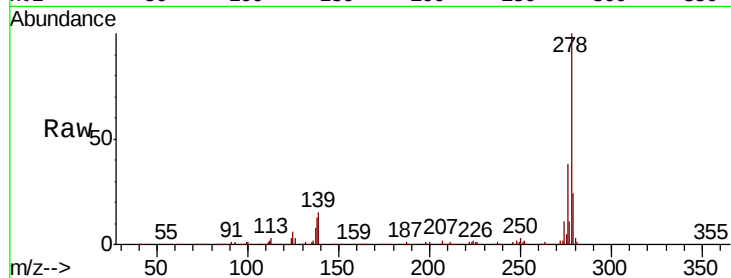
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1034350

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	24.4	19.8	29.6

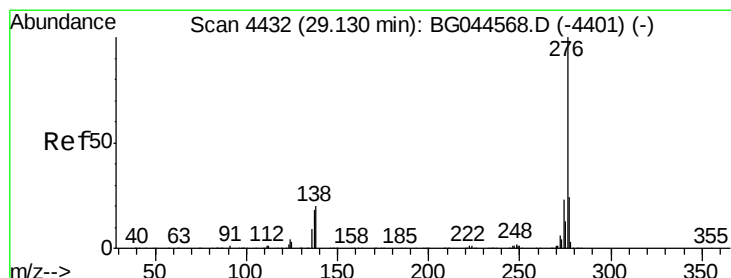
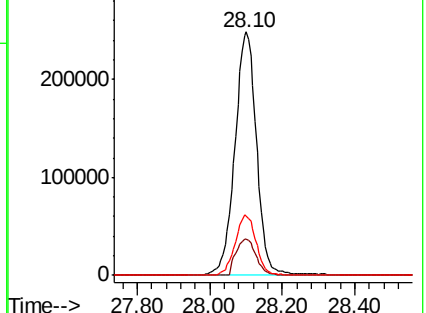
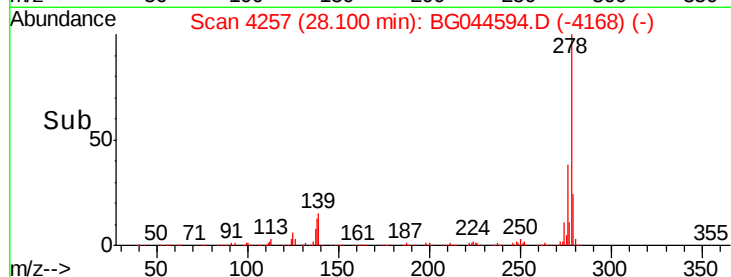


Abundance

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: 54.615 ng

RT: 29.13 min Scan# 4432

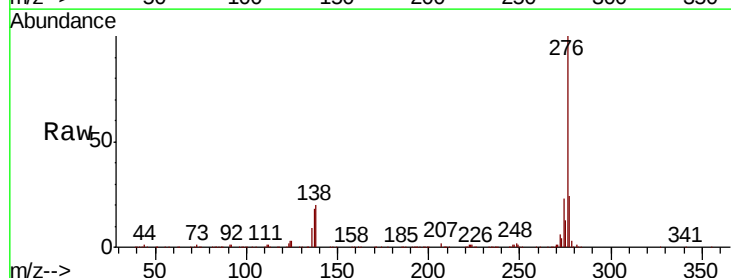
Delta R.T. -0.00 min

Lab File: BG044594.D

Acq: 26 Feb 2020 2:32

Tgt Ion:276 Resp: 1040537

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	20.1	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

