

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044600.D
 Acq On : 26 Feb 2020 12:34
 Operator : CG/JU
 Sample : PB127061BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 06:40:56 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	74612	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	313124	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	201975	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	459501	20.00	ng	0.00
76) Chrysene-d12	21.50	240	436283	20.00	ng	0.00
87) Perylene-d12	24.57	264	390516	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	560083	120.44	ng	0.00
7) Phenol-d6	7.05	99	728295	114.42	ng	0.00
23) Nitrobenzene-d5	9.03	82	384846	63.32	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	306118	106.89	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	879235	62.34	ng	0.00
79) Terphenyl-d14	19.88	244	1473081	63.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	74642	36.783	ng	98
3) Pyridine	3.72	79	150065	26.503	ng	100
4) n-Nitrosodimethylamine	3.63	42	84273	39.187	ng	99
6) Aniline	7.19	93	230043	29.684	ng	98
8) 2-Chlorophenol	7.44	128	224179	44.162	ng	98
9) Benzaldehyde	7.00	77	52604	14.054	ng	99
10) Phenol	7.08	94	269779	43.735	ng	99
11) bis(2-Chloroethyl)ether	7.29	93	207257	39.967	ng	97
12) 1,3-Dichlorobenzene	7.76	146	227987	37.656	ng	98
13) 1,4-Dichlorobenzene	7.90	146	230022	37.803	ng	97
14) 1,2-Dichlorobenzene	8.23	146	220468	38.100	ng	96
15) Benzyl Alcohol	8.11	79	180934	42.147	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	265950	38.161	ng	99
17) 2-Methylphenol	8.33	107	189095	42.911	ng	96
18) Hexachloroethane	8.95	117	83998	37.773	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	157575	38.512	ng	99
20) 3+4-Methylphenols	8.65	107	255480	42.346	ng	98
22) Acetophenone	8.70	105	302536	38.483	ng	99
24) Nitrobenzene	9.07	77	227802	38.687	ng	99
25) Isophorone	9.59	82	434177	38.186	ng	99
26) 2-Nitrophenol	9.78	139	129574	40.575	ng	98
27) 2,4-Dimethylphenol	9.85	122	206324	46.015	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	272882	36.292	ng	100
29) 2,4-Dichlorophenol	10.33	162	218632	40.784	ng	98
30) 1,2,4-Trichlorobenzene	10.53	180	226485	36.532	ng	100
31) Naphthalene	10.72	128	651154	38.110	ng	98
32) Benzoic acid	10.03	122	106749	56.120	ng	97
33) 4-Chloroaniline	10.83	127	146754	19.501	ng	99
34) Hexachlorobutadiene	11.02	225	134962	34.665	ng	99
35) Caprolactam	11.60	113	38449	20.035	ng	95
36) 4-Chloro-3-methylphenol	11.97	107	222790	40.375	ng	96
37) 2-Methylnaphthalene	12.33	142	481555	38.135	ng	98
38) 1-Methylnaphthalene	12.56	142	456955	38.084	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	245079	36.044	ng	99

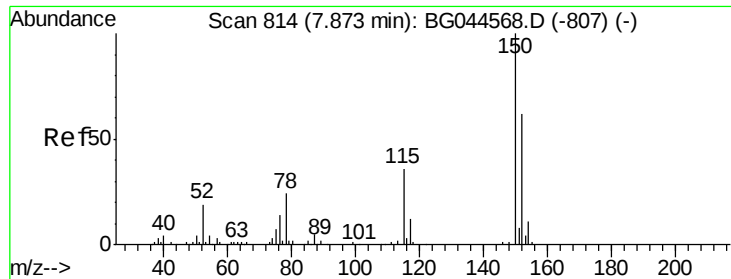
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044600.D
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 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	193029	61.758	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	174131	39.441	ng	100
44) 2,4,5-Trichlorophenol	13.03	196	188624	41.591	ng	98
46) 1,1'-Biphenyl	13.35	154	599637	35.876	ng	98
47) 2-Chloronaphthalene	13.39	162	476801	36.378	ng	99
48) 2-Nitroaniline	13.59	65	137902	37.903	ng	97
49) Acenaphthylene	14.24	152	739257	38.210	ng	100
50) Dimethylphthalate	13.97	163	608976	37.356	ng	100
51) 2,6-Dinitrotoluene	14.09	165	139059	38.678	ng	99
52) Acenaphthene	14.58	154	454207	36.829	ng	100
53) 3-Nitroaniline	14.42	138	109097	28.136	ng	99
54) 2,4-Dinitrophenol	14.63	184	172899	80.631	ng	98
55) Dibenzofuran	14.91	168	717425	37.945	ng	98
56) 4-Nitrophenol	14.75	139	265739	99.632	ng	100
57) 2,4-Dinitrotoluene	14.88	165	197560	39.084	ng	99
58) Fluorene	15.56	166	571103	38.097	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	171715	41.115	ng	98
60) Diethylphthalate	15.34	149	606822	37.568	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	301713	37.016	ng	98
62) 4-Nitroaniline	15.59	138	144030	37.096	ng	99
63) Azobenzene	15.85	77	528811	38.468	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	126256	44.375	ng	97
66) n-Nitrosodiphenylamine	15.77	169	538379	37.562	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	202020	35.419	ng	98
68) Hexachlorobenzene	16.57	284	225298	34.937	ng	98
69) Atrazine	16.73	200	209814	39.597	ng	99
70) Pentachlorophenol	16.92	266	262405	82.871	ng	97
71) Phenanthrene	17.30	178	949711	37.332	ng	99
72) Anthracene	17.39	178	971084	38.735	ng	98
73) Carbazole	17.66	167	912285	39.978	ng	100
74) Di-n-butylphthalate	18.23	149	1112296	38.898	ng	98
75) Fluoranthene	19.31	202	1192608	39.602	ng	98
77) Benzidine	19.49	184	250429	16.757	ng	98
78) Pyrene	19.68	202	1200712	37.913	ng	98
80) Butylbenzylphthalate	20.56	149	520901	37.602	ng	97
81) Benzo(a)anthracene	21.49	228	1143003	37.276	ng	98
82) 3,3'-Dichlorobenzidine	21.40	252	366859	30.284	ng	99
83) Chrysene	21.55	228	1095091	36.937	ng	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	724162	37.938	ng	99
85) Di-n-octyl phthalate	22.56	149	1283314	38.213	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1395369	36.674	ng	99
88) Benzo(b)fluoranthene	23.60	252	1200347	46.750	ng	99
89) Benzo(k)fluoranthene	23.67	252	1211447	48.628	ng	100
90) Benzo(a)pyrene	24.43	252	1112885	46.132	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1169423	49.016	ng	99
92) Benzo(g,h,i)perylene	29.13	276	1184654	49.560	ng	99

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

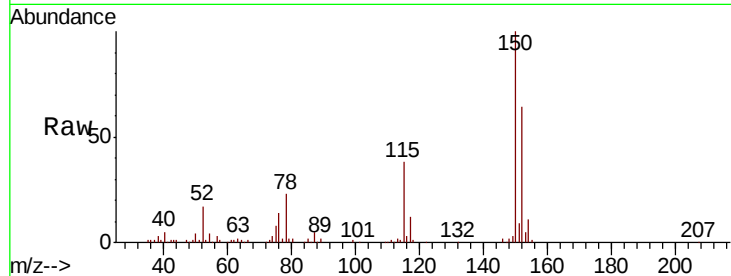


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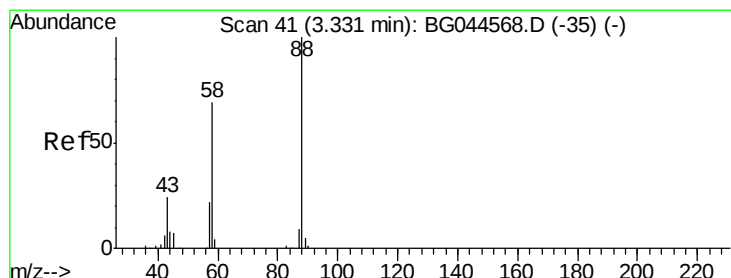
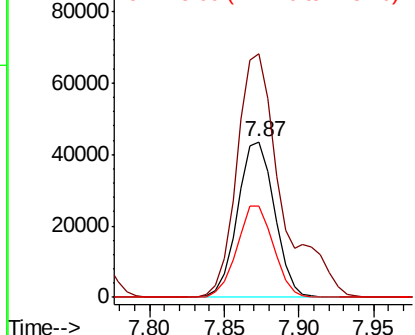
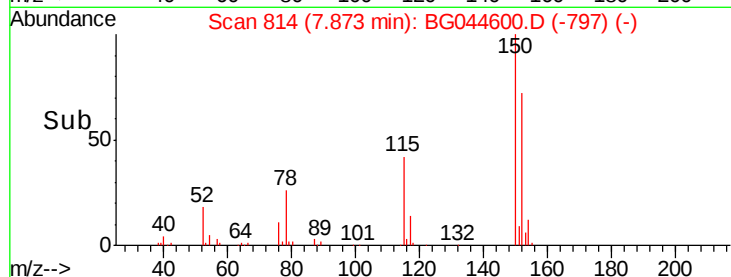
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74612
Ion Ratio Lower Upper
152 100
150 156.3 128.9 193.3
115 58.6 47.0 70.4



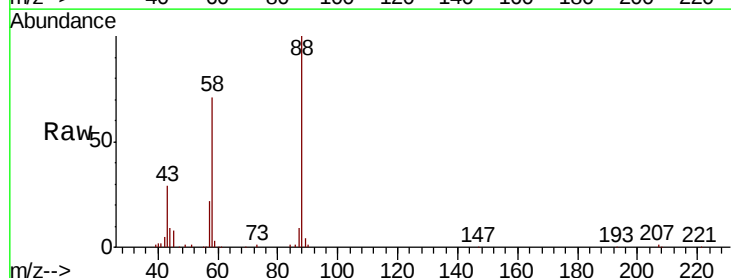
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



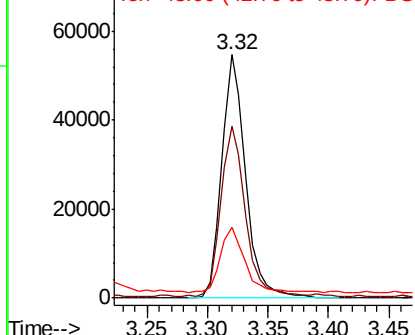
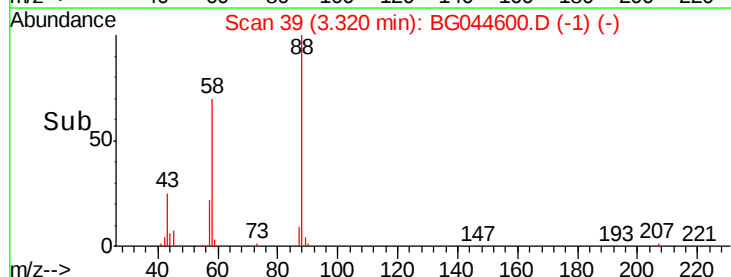
#2

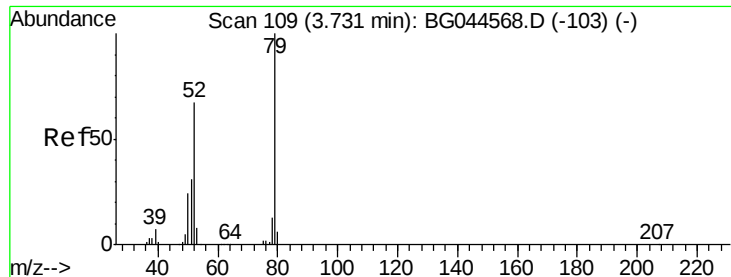
1,4-Dioxane
Concen: 36.783 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion: 88 Resp: 74642
Ion Ratio Lower Upper
88 100
58 70.8 55.8 83.8
43 28.3 20.6 31.0



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





#3

Pvridine

Concen: 26.503 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

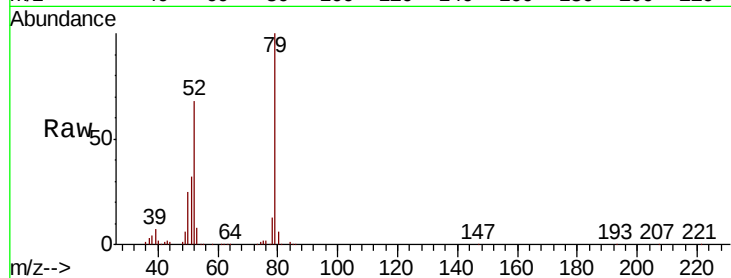
Tot Ion: 79 Resp: 150065

Ion Ratio Lower Upper

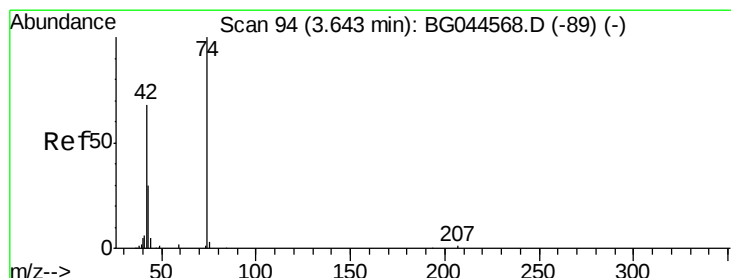
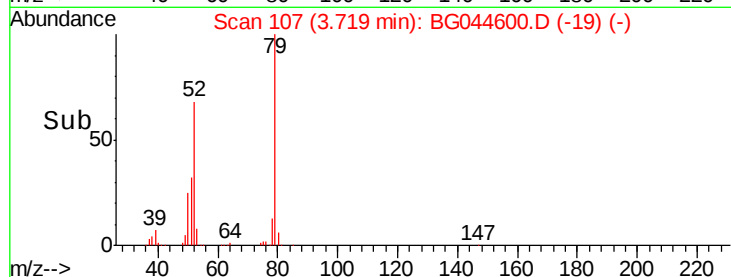
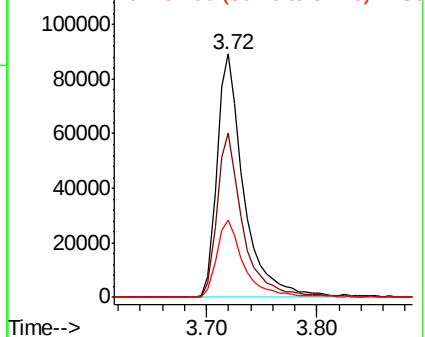
79 100

52 67.6 53.7 80.5

51 31.8 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: 39.187 ng

RT: 3.63 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

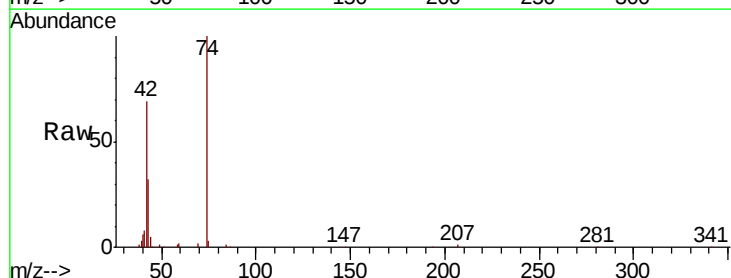
Tgt Ion: 42 Resp: 84273

Ion Ratio Lower Upper

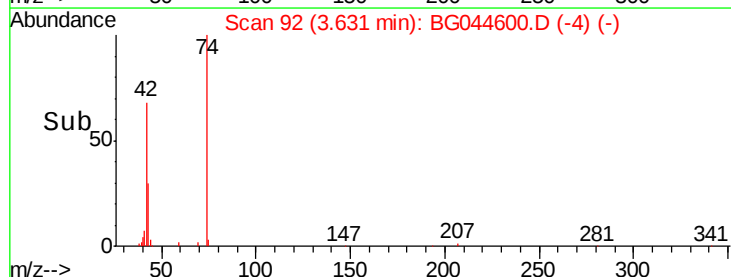
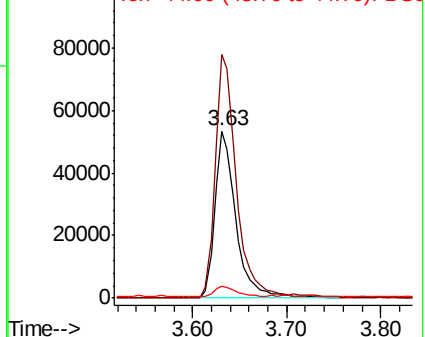
42 100

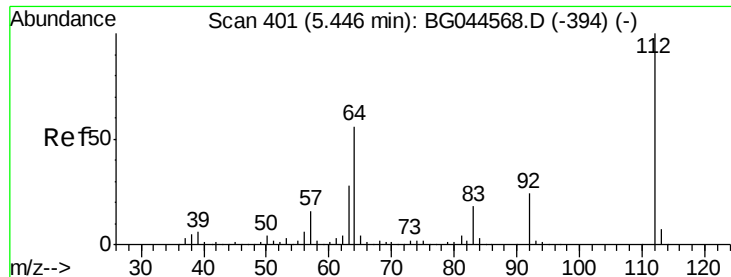
74 145.4 117.6 176.4

44 7.4 6.3 9.5



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





#5

2-Fluorophenol

Concen: 120.441 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

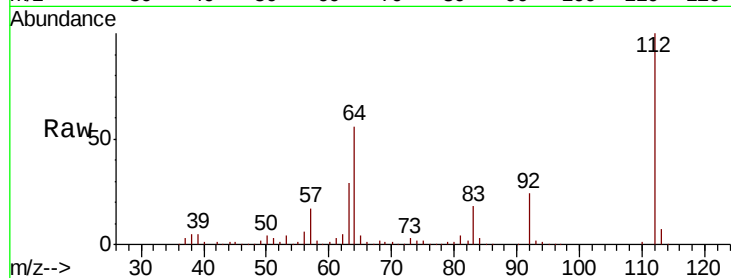
Tot Ion:112 Resp: 560083

Ion Ratio Lower Upper

112 100

64 56.0 44.8 67.2

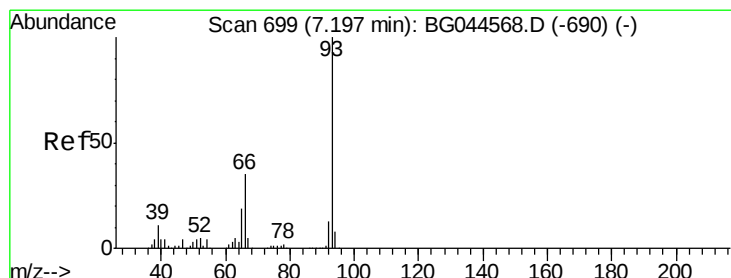
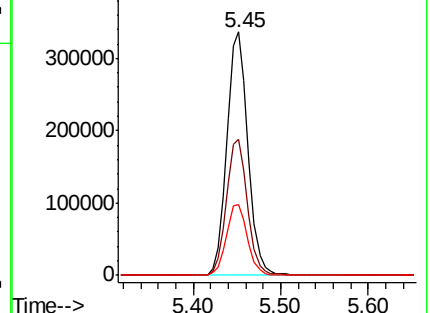
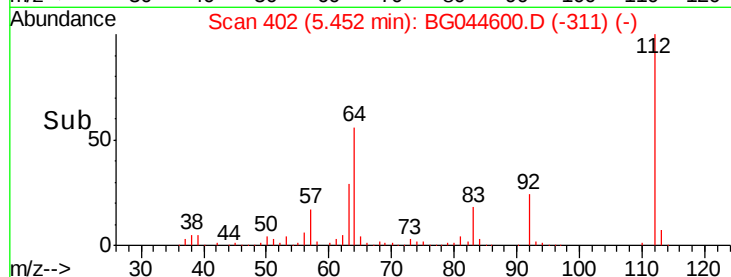
63 29.0 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.684 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

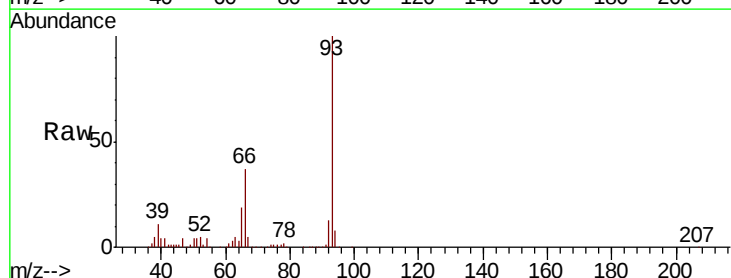
Tgt Ion: 93 Resp: 230043

Ion Ratio Lower Upper

93 100

66 36.9 27.8 41.8

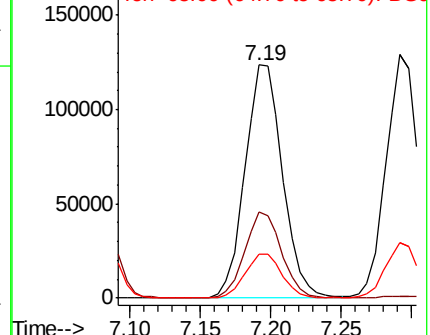
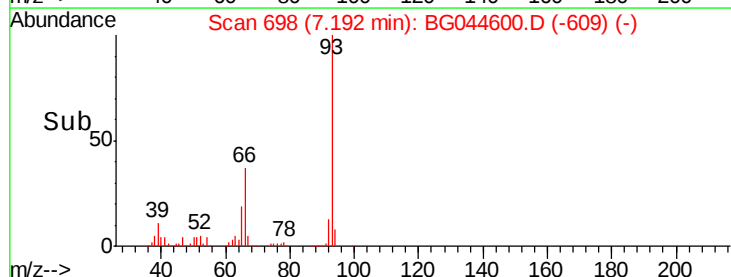
65 18.7 14.9 22.3



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: 114.416 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampled :

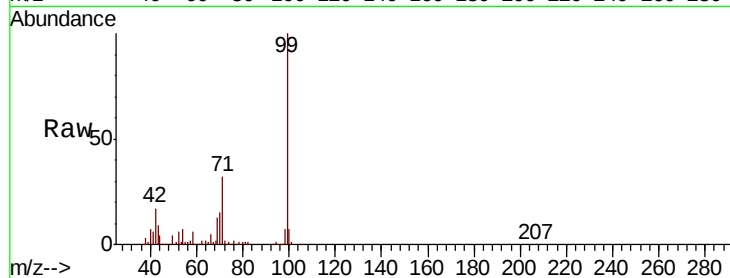
Tot Ion: 99 Resp: 728295

Ion Ratio Lower Upper

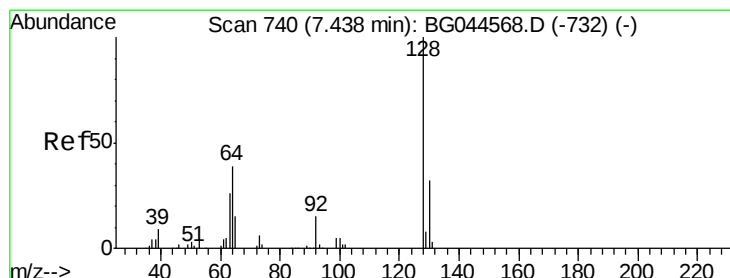
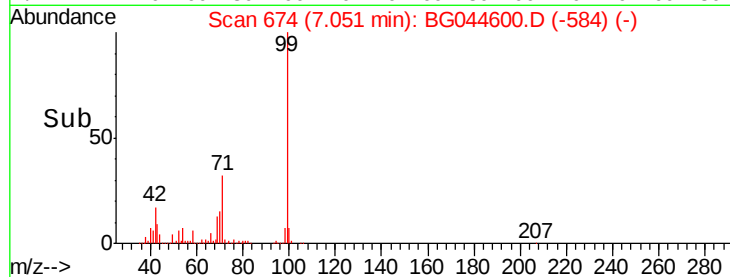
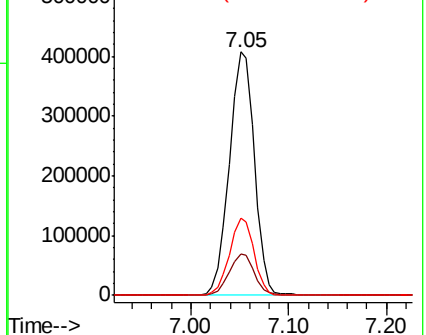
99 100

42 17.2 12.8 19.2

71 31.9 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: 44.162 ng

RT: 7.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

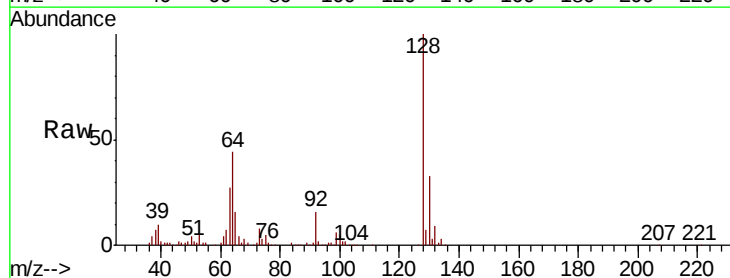
Tgt Ion: 128 Resp: 224179

Ion Ratio Lower Upper

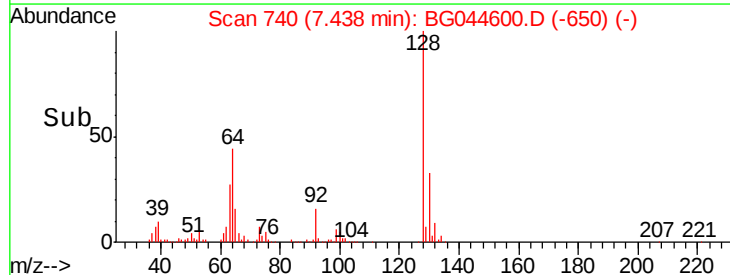
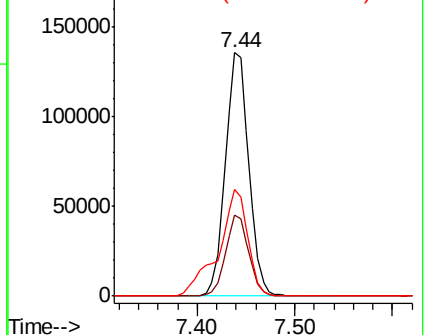
128 100

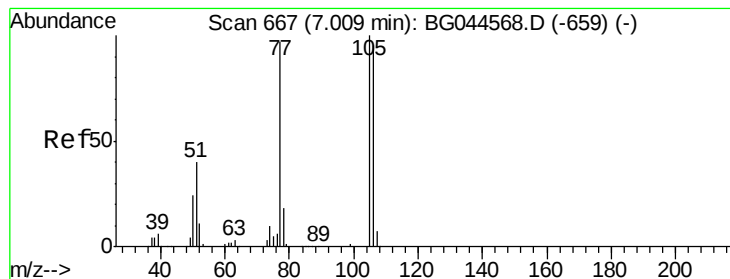
130 33.2 12.3 52.3

64 44.0 22.5 62.5



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





#9

Benzaldehyde

Concen: 14.054 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

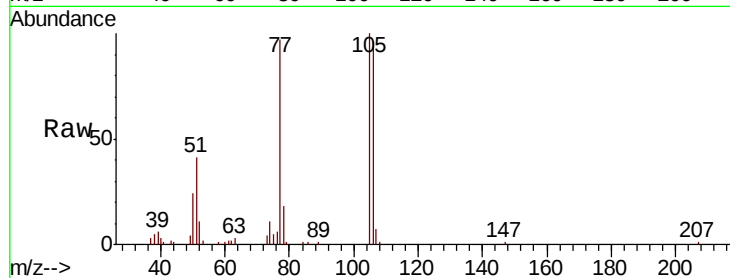
Tot Ion: 77 Resp: 52604

Ion Ratio Lower Upper

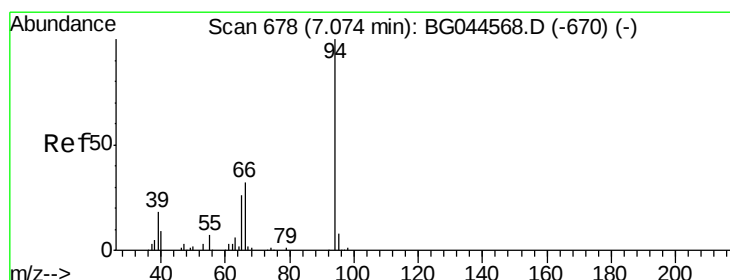
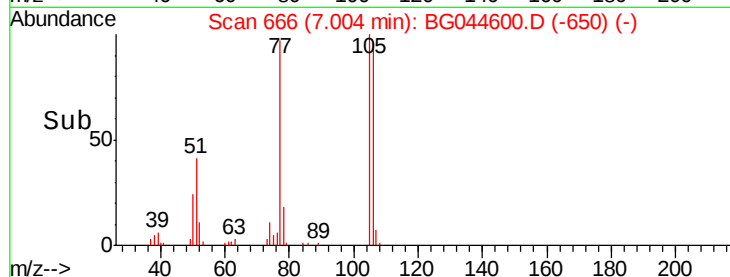
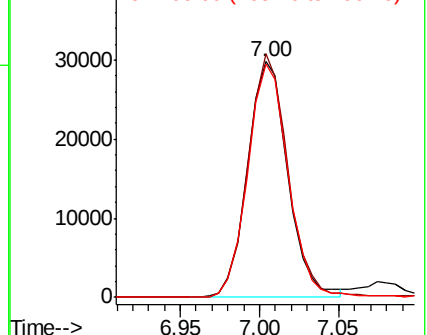
77 100

105 103.4 83.6 123.6

106 99.3 78.2 118.2



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



#10

Phenol

Concen: 43.735 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

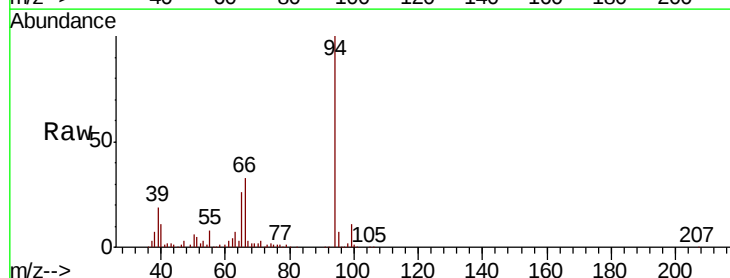
Tgt Ion: 94 Resp: 269779

Ion Ratio Lower Upper

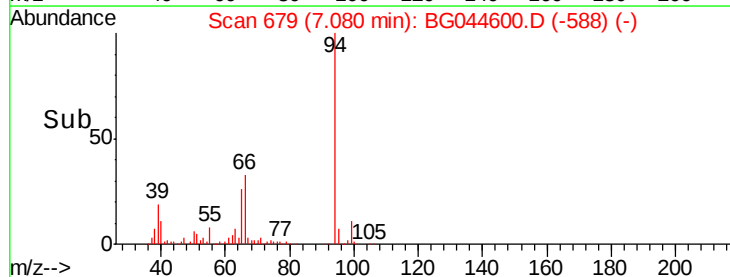
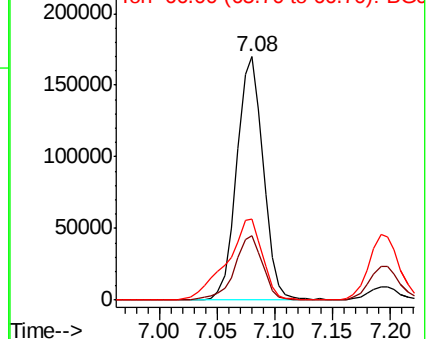
94 100

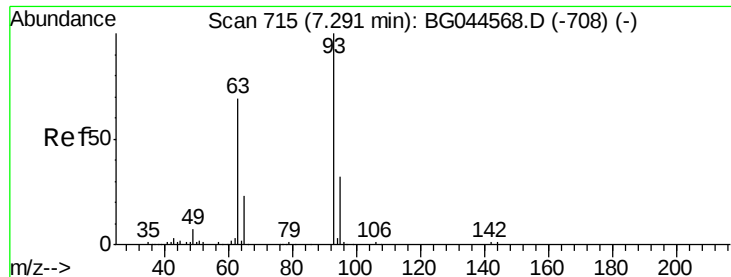
65 26.3 6.4 46.4

66 33.1 13.9 53.9



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

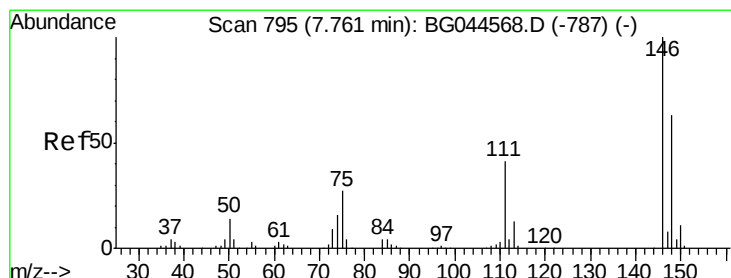
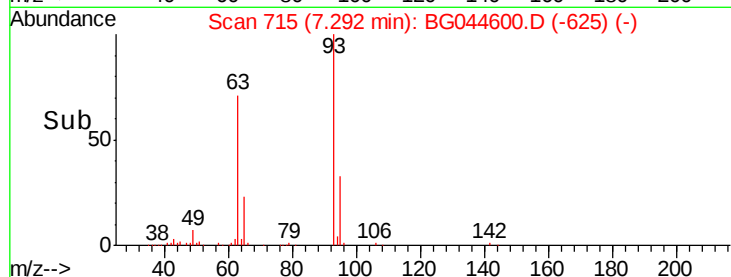
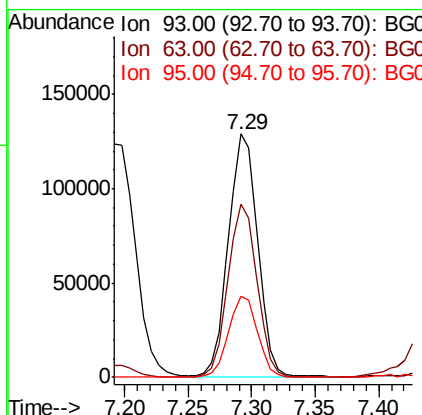
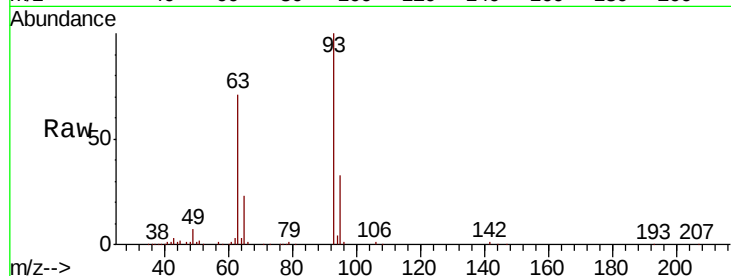




#11
 bis(2-Chloroethyl)ether
 Concen: 39.967 ng
 RT: 7.29 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

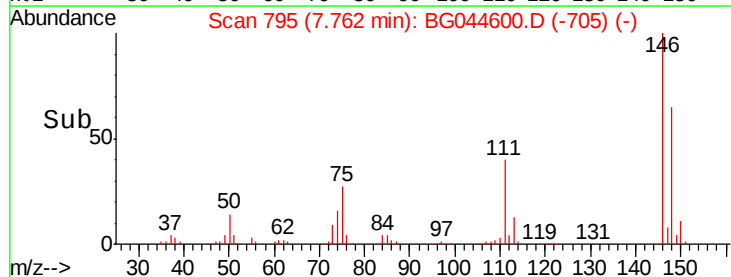
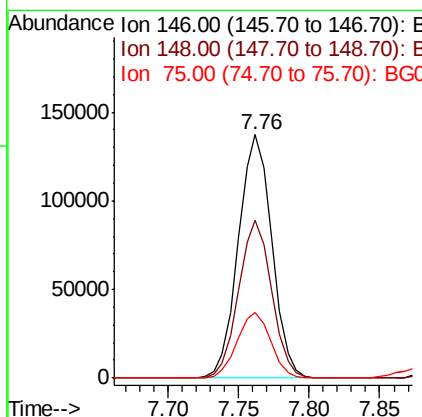
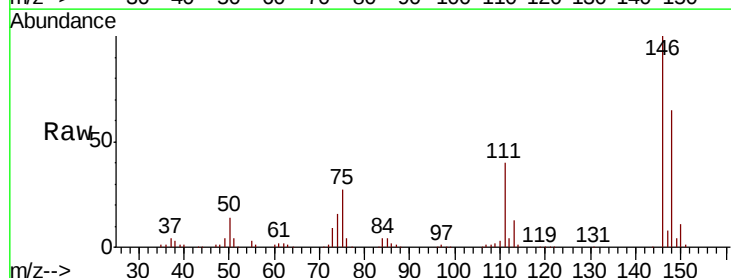
Instrument :
 BNA_G
 ClientSampleId :

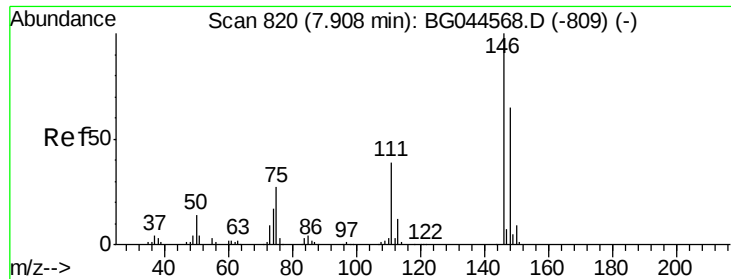
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	48.9	88.9
95	33.0	11.3	51.3



#12
 1,3-Dichlorobenzene
 Concen: 37.656 ng
 RT: 7.76 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
75	27.1	21.4	32.0





#13

1,4-Dichlorobenzene

Concen: 37.803 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

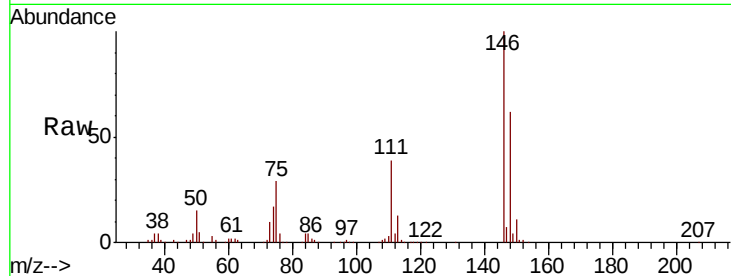
Tot Ion:146 Resp: 230022

Ion Ratio Lower Upper

146 100

148 61.9 51.9 77.9

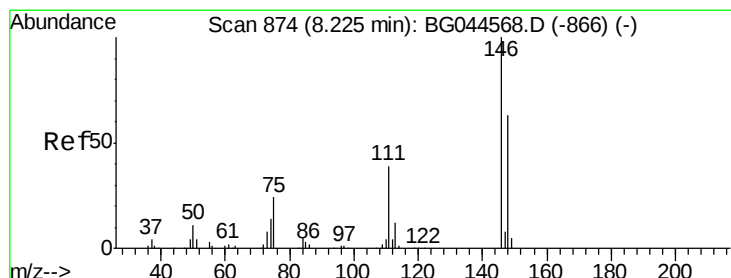
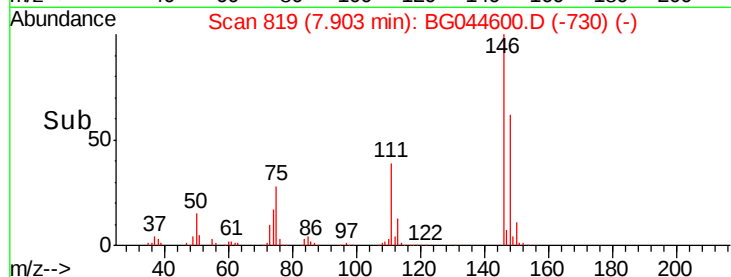
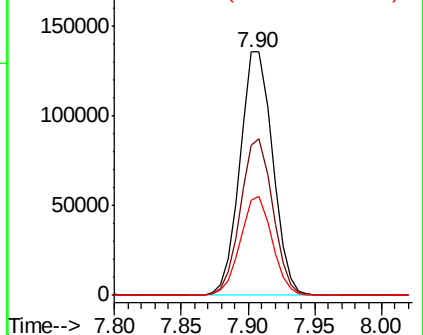
111 39.2 30.8 46.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.100 ng

RT: 8.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

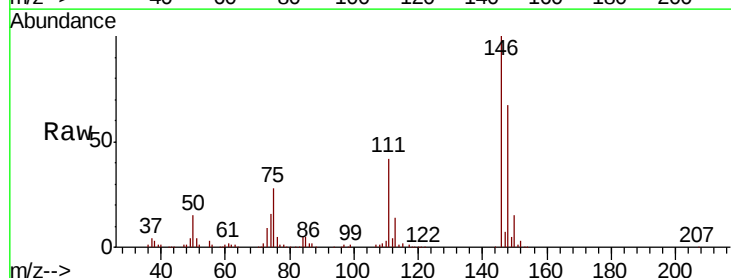
Tgt Ion:146 Resp: 220468

Ion Ratio Lower Upper

146 100

148 66.8 50.7 76.1

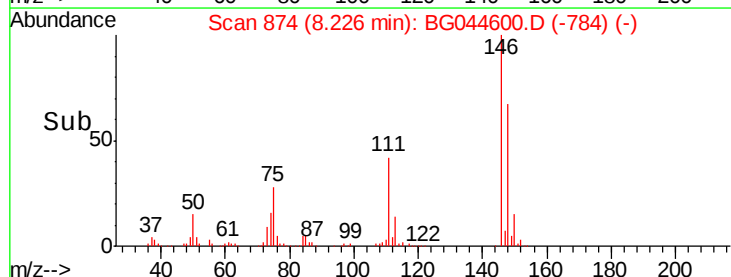
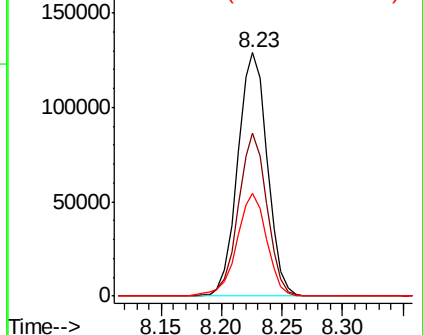
111 42.4 31.8 47.6

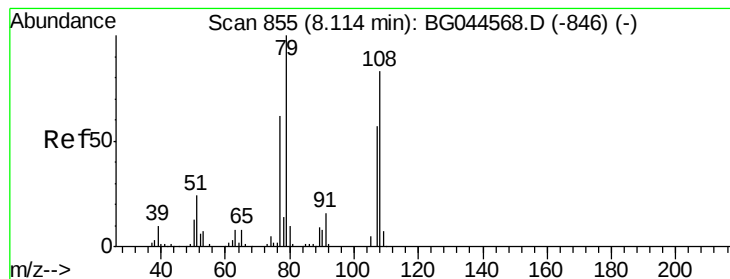


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.147 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

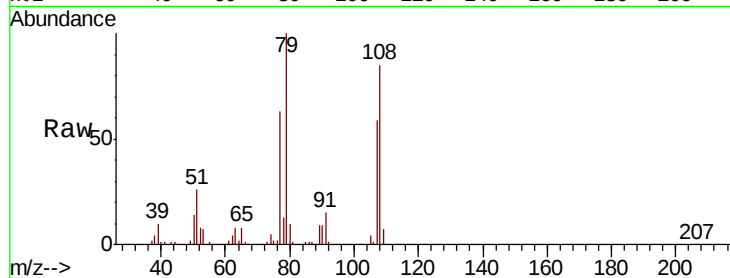
Tot Ion: 79 Resp: 180934

Ion Ratio Lower Upper

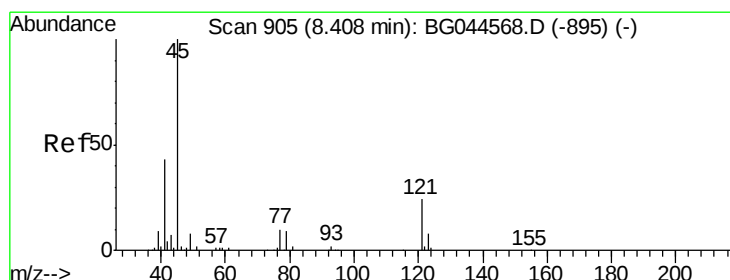
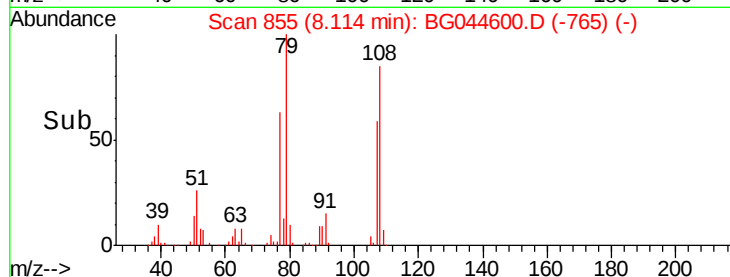
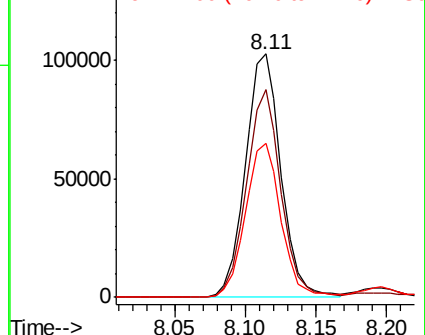
79 100

108 85.2 66.0 99.0

77 63.3 49.6 74.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.161 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

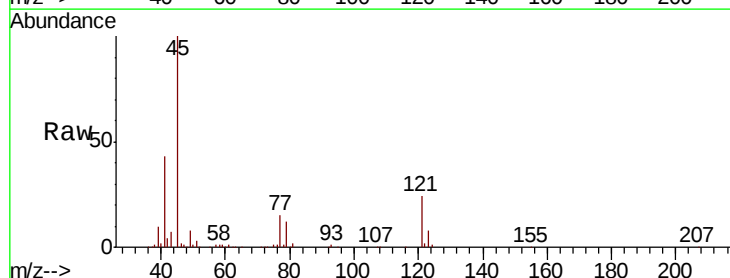
Tgt Ion: 45 Resp: 265950

Ion Ratio Lower Upper

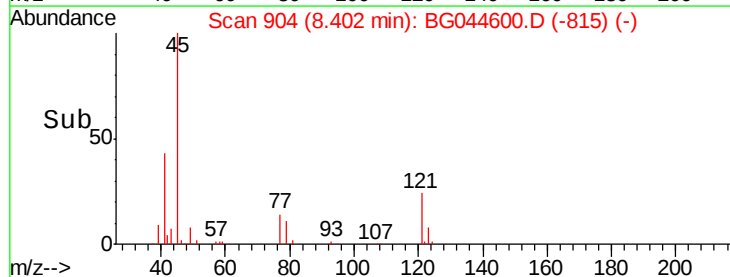
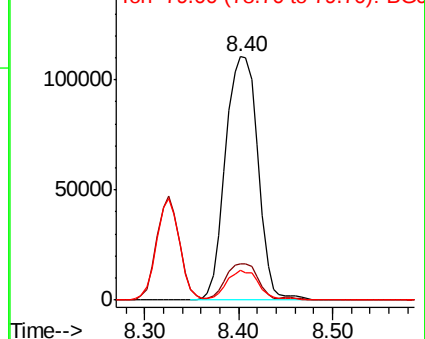
45 100

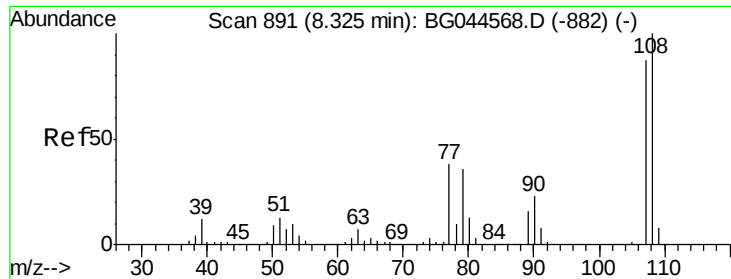
77 15.0 0.0 34.4

79 12.0 0.0 32.3



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

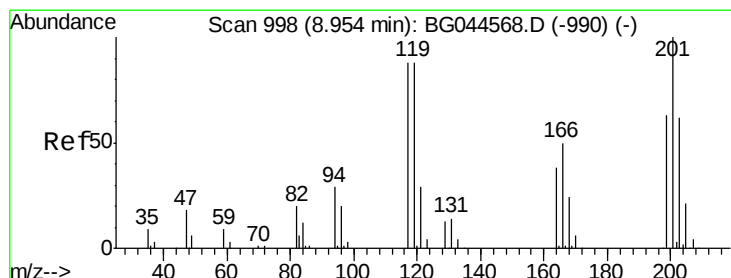
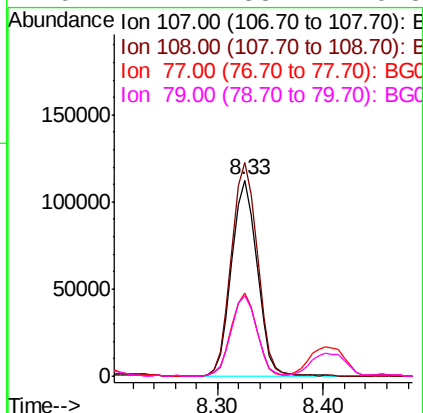
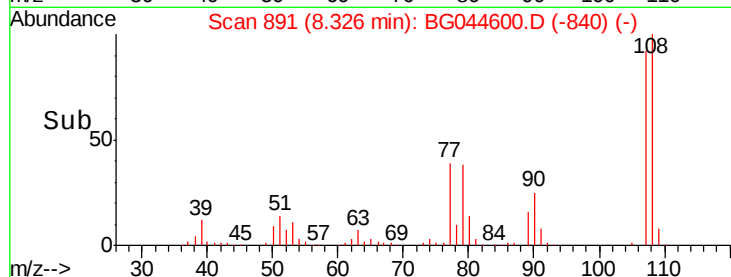
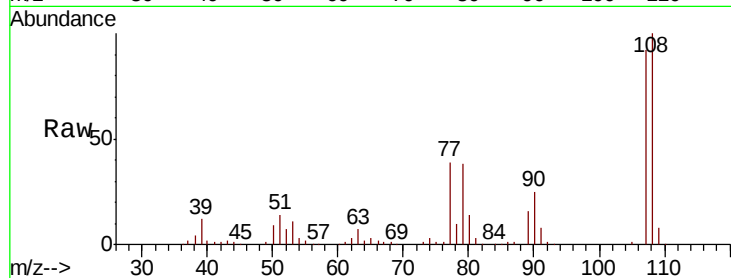




#17
2-Methylphenol
Concen: 42.911 ng
RT: 8.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

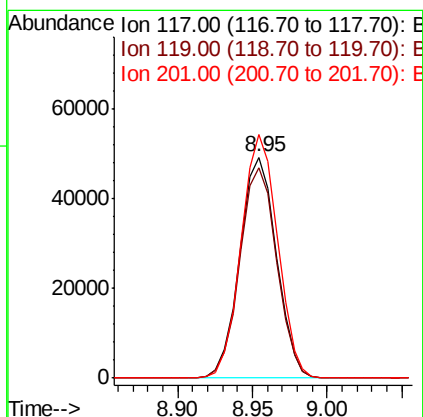
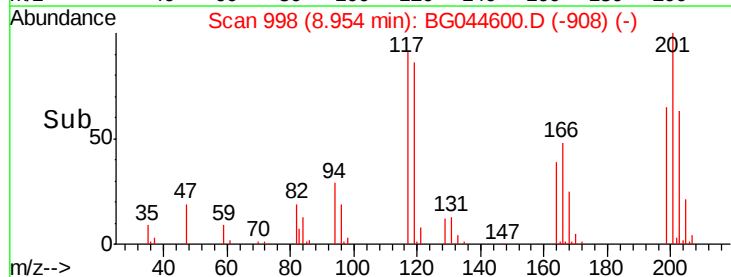
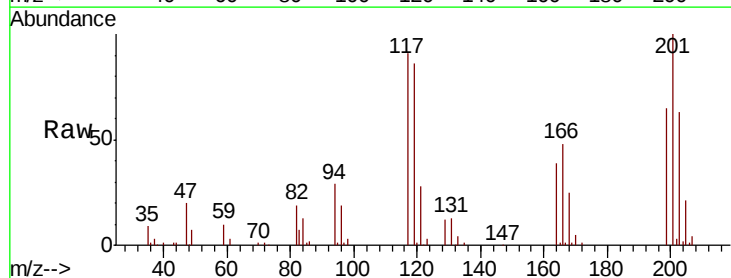
Instrument :
BNA_G
ClientSampled :

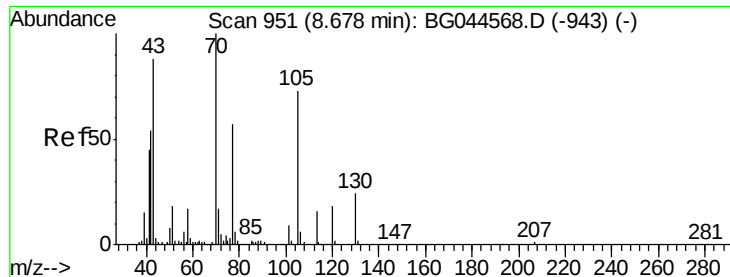
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.7	91.7	137.5
77	42.1	35.1	52.7
79	41.1	33.2	49.8



#18
Hexachloroethane
Concen: 37.773 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	80.0	120.0
201	110.1	90.5	135.7

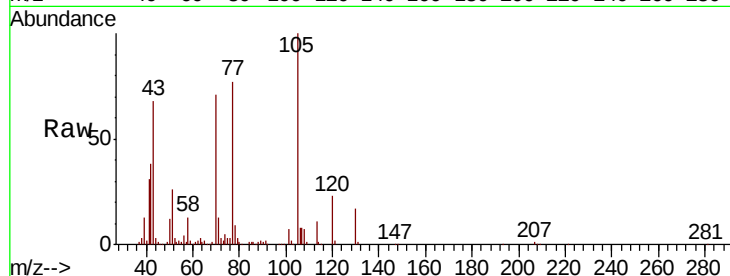




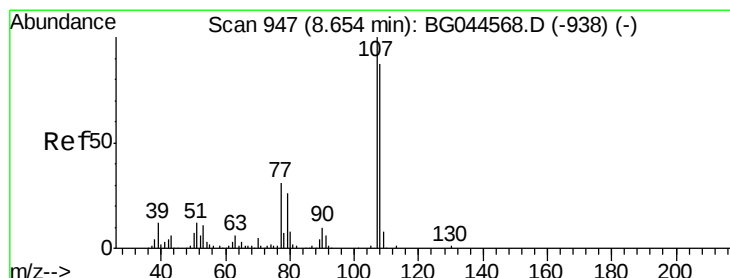
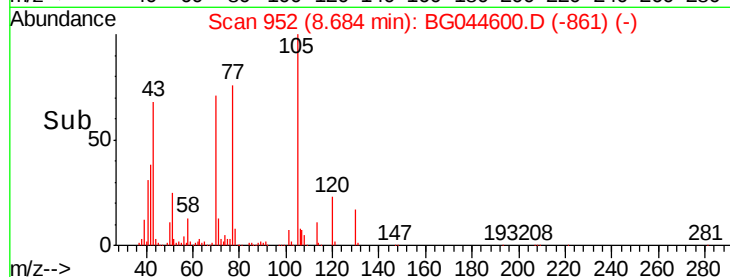
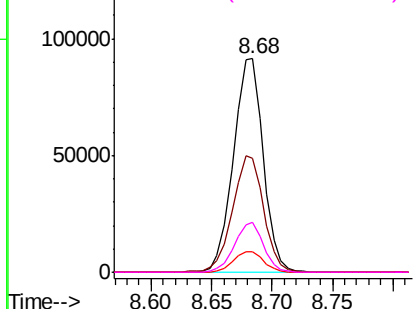
#19
n-Nitroso-di-n-propylamine
Concen: 38.512 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	157575
Ion	Ratio	Lower	Upper
70	100		
42	53.4	43.4	65.0
101	9.8	7.5	11.3
130	23.6	18.9	28.3

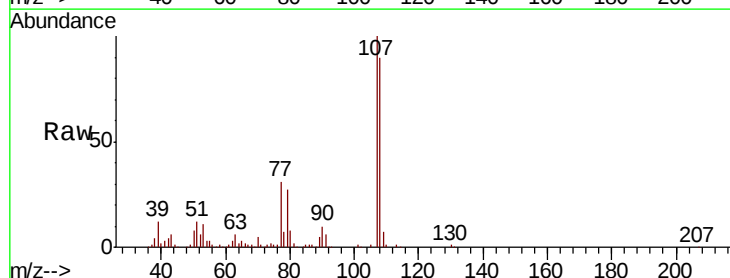


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

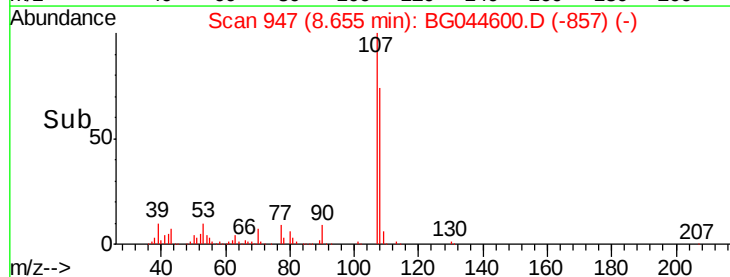
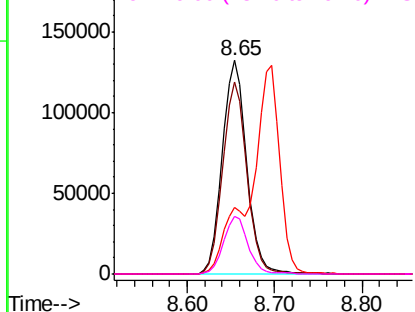


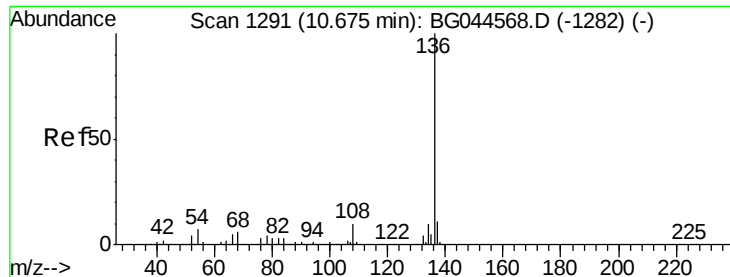
#20
3+4-Methylphenols
Concen: 42.346 ng
RT: 8.65 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:	107	Resp:	255480
Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.5	107.5
77	31.1	11.3	51.3
79	27.2	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# 1290

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 313124

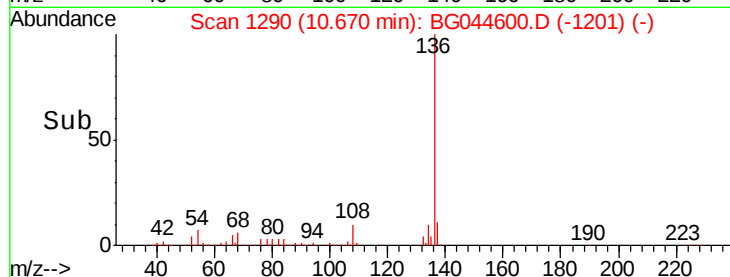
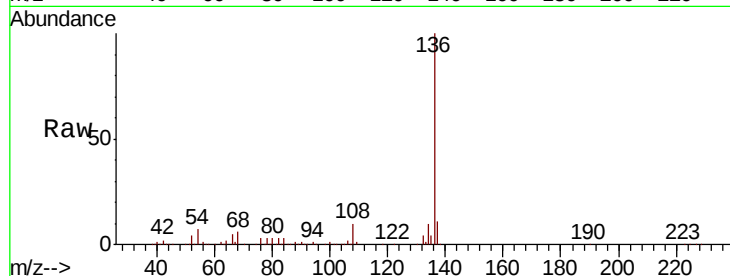
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.5 5.7 8.5

68 6.0 4.5 6.7

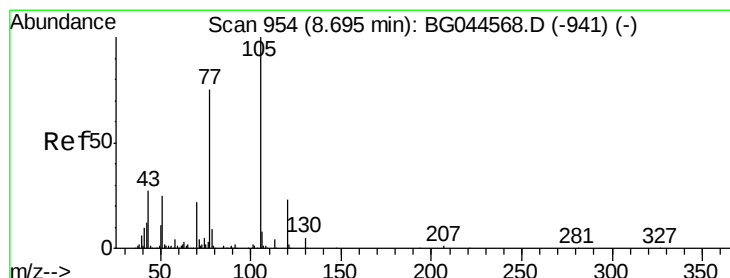
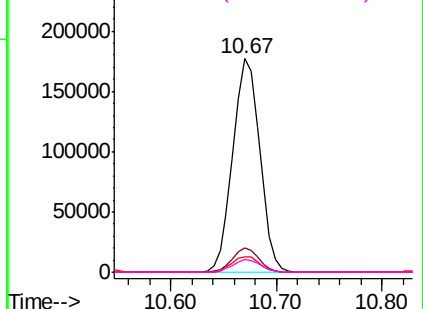


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.483 ng

RT: 8.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:105 Resp: 302536

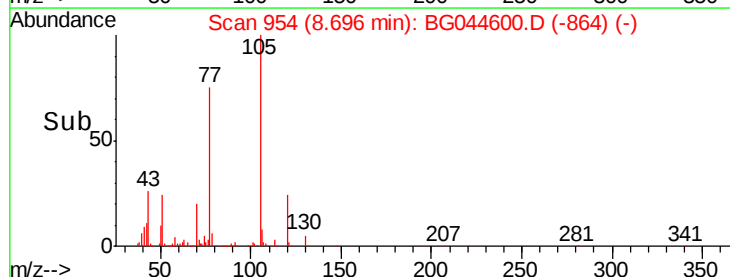
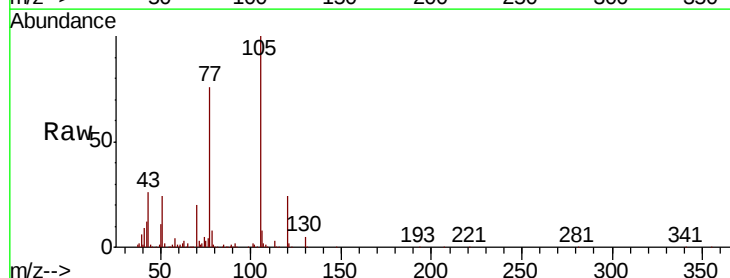
Ion Ratio Lower Upper

105 100

71 3.4 2.8 4.2

51 24.1 19.9 29.9

120 23.8 18.6 28.0

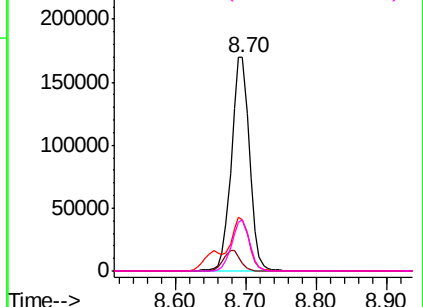


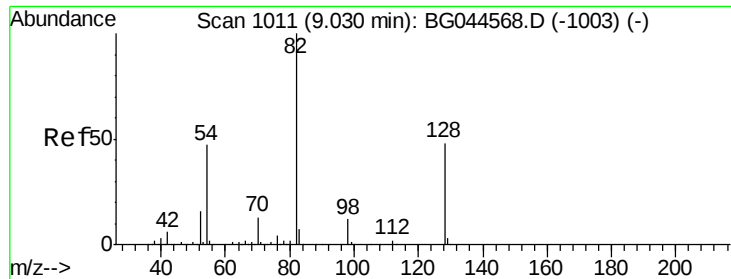
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

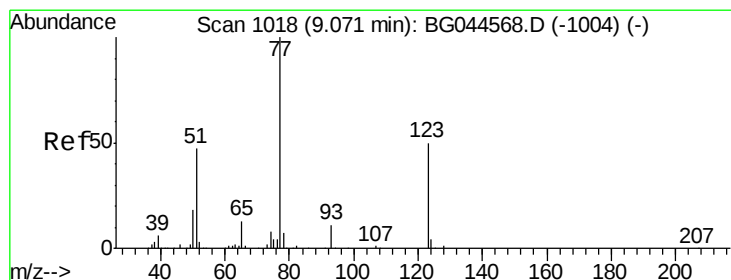
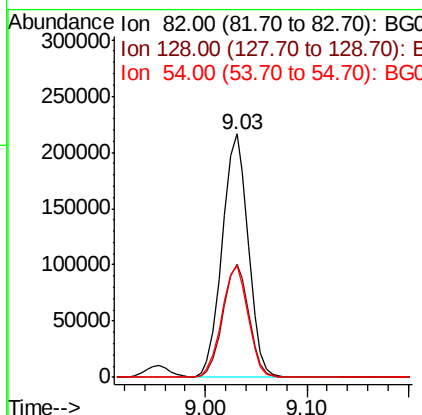
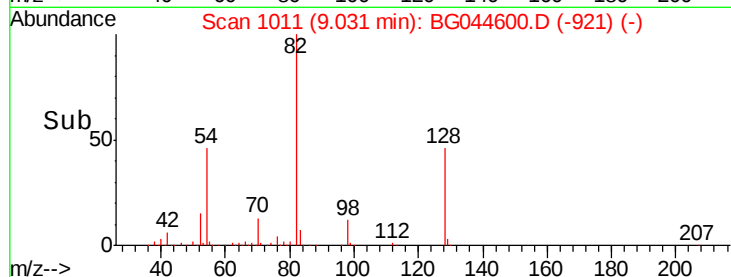
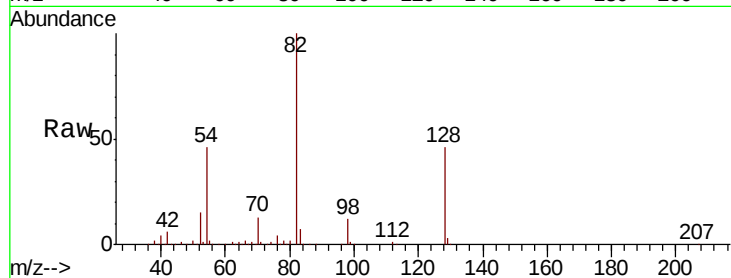




#23
 Nitrobenzene-d5
 Concen: 63.319 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

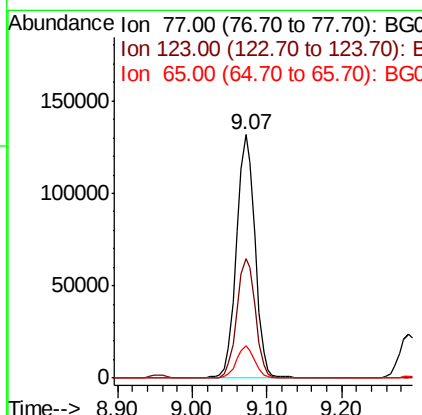
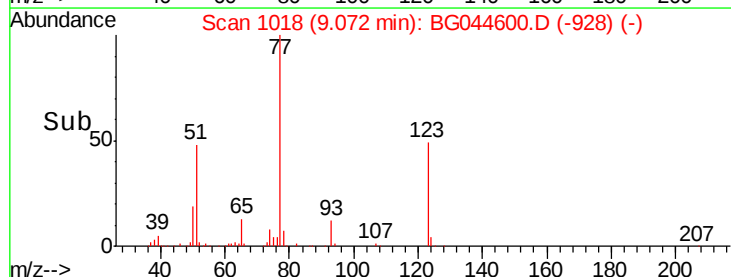
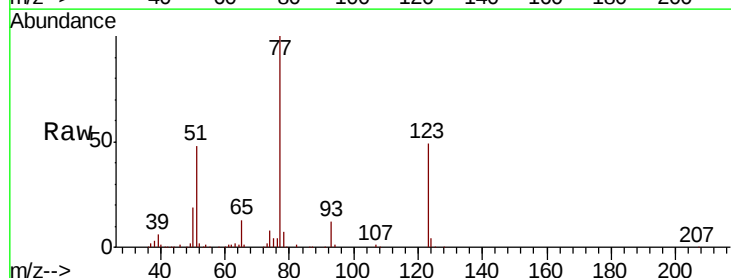
Instrument :
 BNA_G
 ClientSampleId :

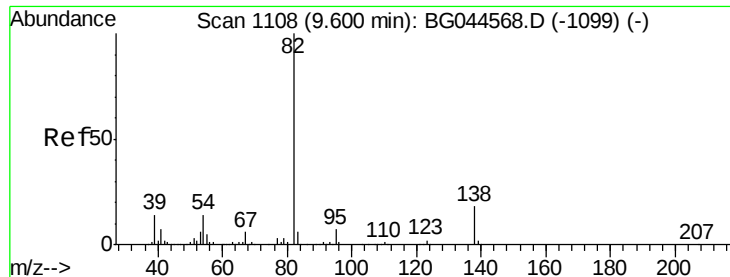
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.1	57.1
54	45.9	37.5	56.3



#24
 Nitrobenzene
 Concen: 38.687 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	40.1	60.1
65	13.4	10.4	15.6





#25

Isophorone

Concen: 38.186 ng

RT: 9.59 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

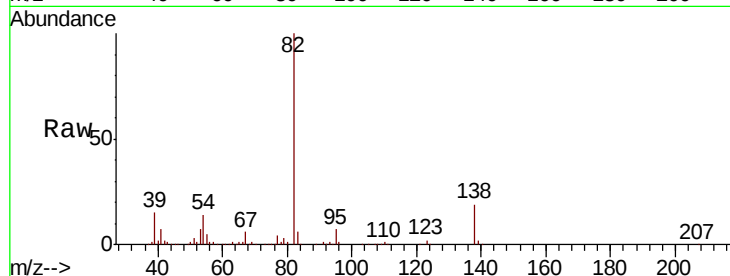
Tot Ion: 82 Resp: 434177

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

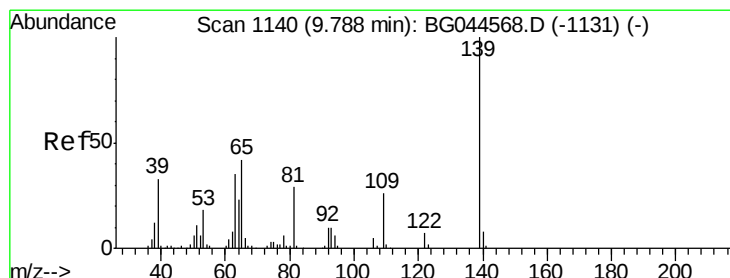
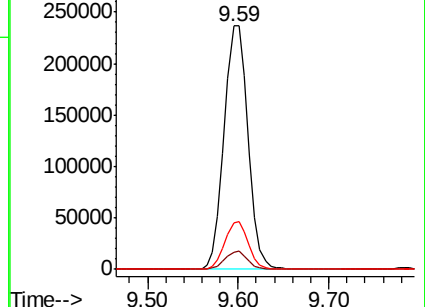
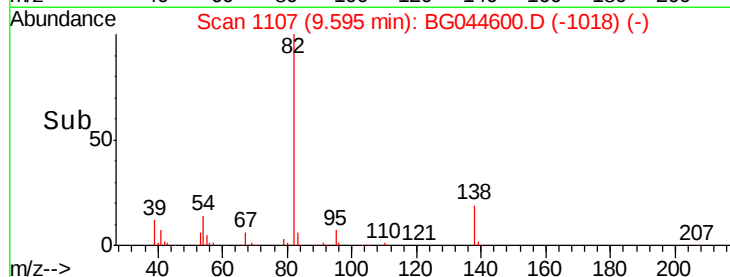
138 19.1 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044600.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BG044600.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BG044600.D (-1099) (-)



#26

2-Nitrophenol

Concen: 40.575 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

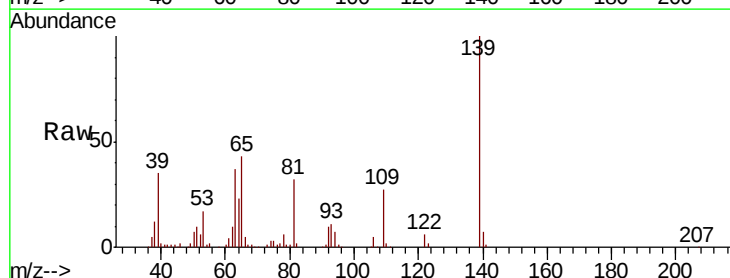
Tgt Ion: 139 Resp: 129574

Ion Ratio Lower Upper

139 100

109 26.6 20.6 31.0

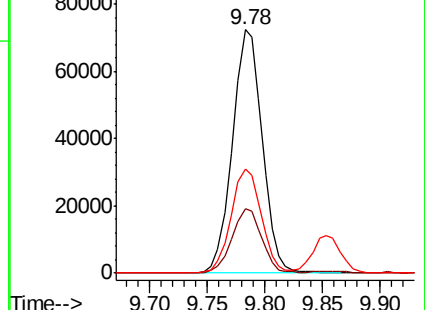
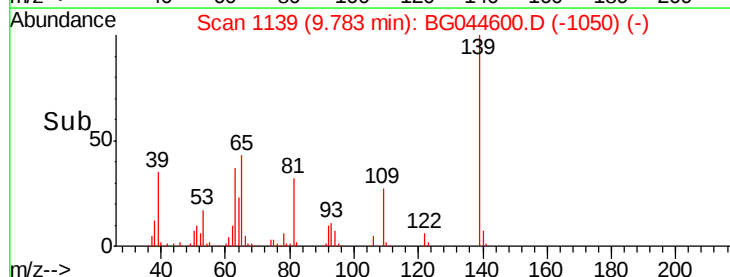
65 42.6 33.3 49.9

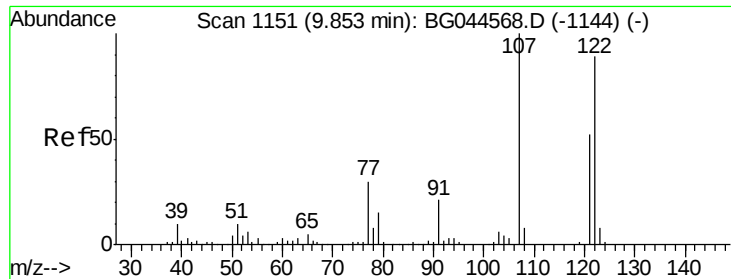


Abundance Ion 139.00 (138.70 to 139.70): BG044600.D (-1131) (-)

Ion 109.00 (108.70 to 109.70): BG044600.D (-1131) (-)

Ion 65.00 (64.70 to 65.70): BG044600.D (-1131) (-)

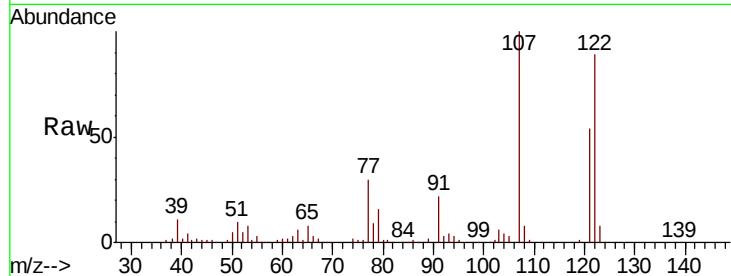




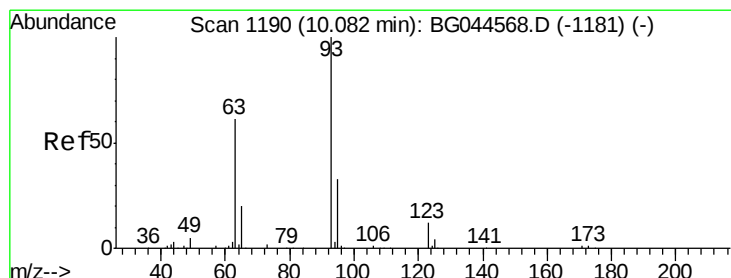
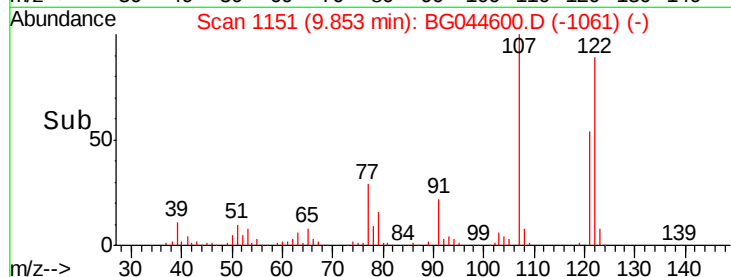
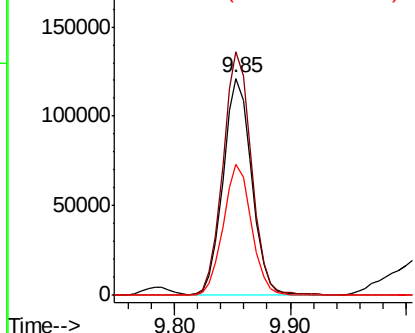
#27
 2,4-Dimethylphenol
 Concen: 46.015 ng
 RT: 9.85 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.4	134.0
121	60.3	46.5	69.7

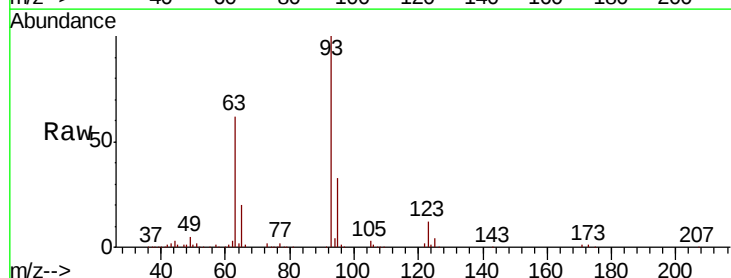


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

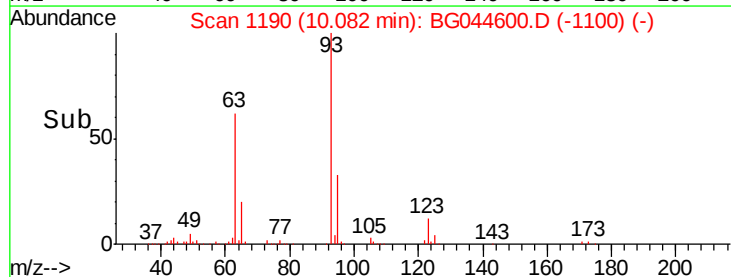
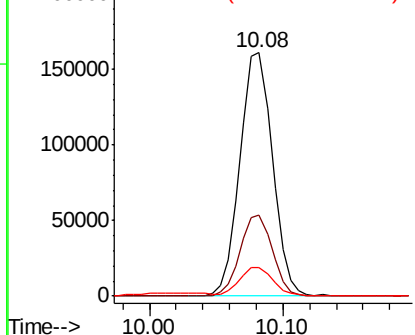


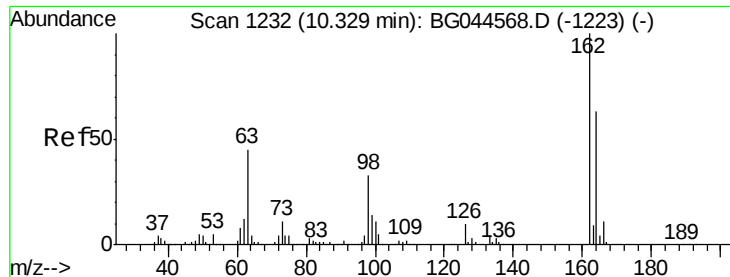
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.292 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.8	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

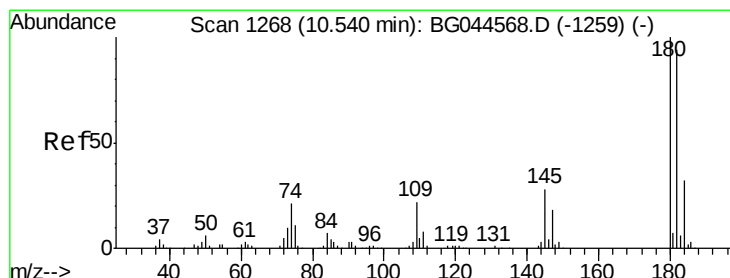
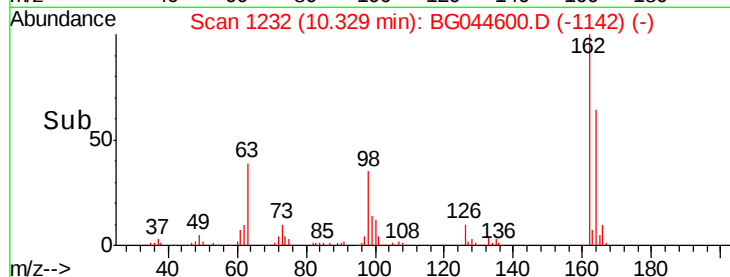
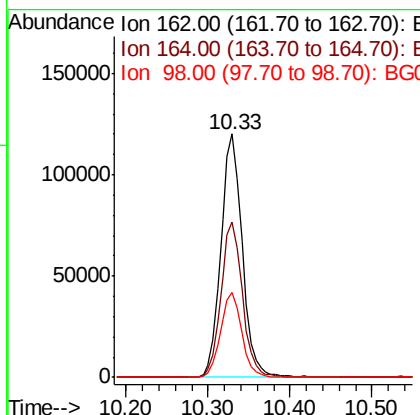
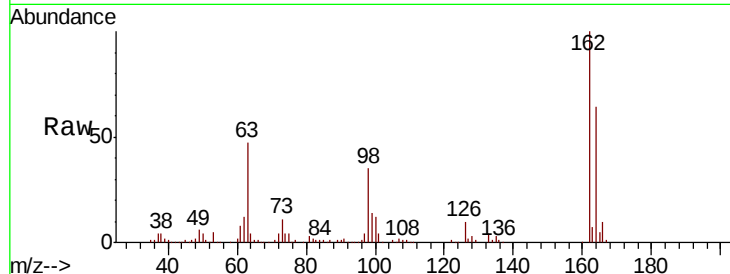




#29
 2,4-Dichlorophenol
 Concen: 40.784 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

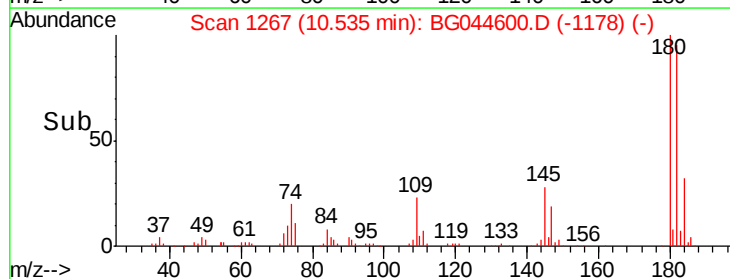
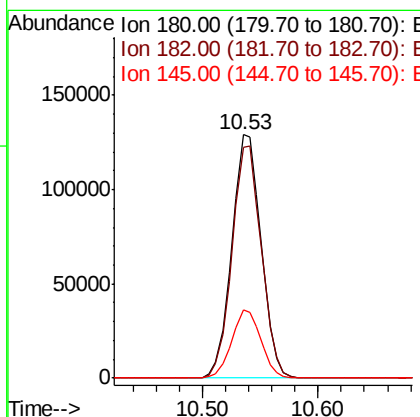
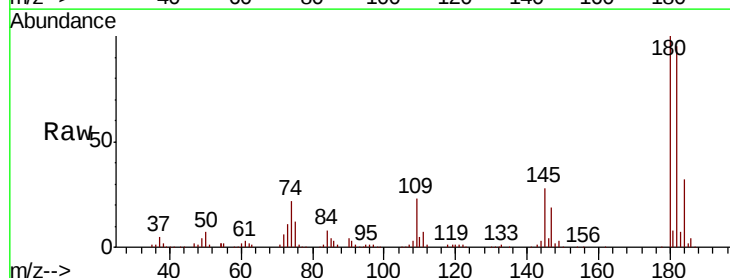
Instrument :
 BNA_G
 ClientSampleId :

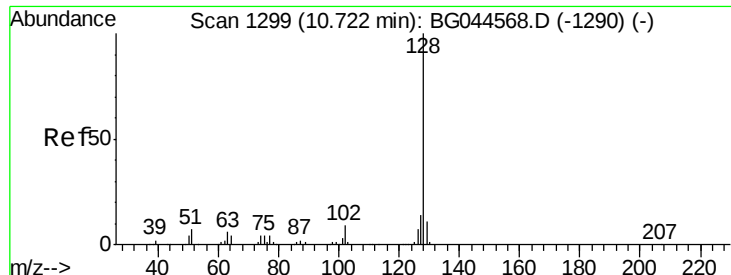
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.2	83.2
98	35.0	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 36.532 ng
 RT: 10.53 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.6	113.4
145	28.2	22.2	33.2

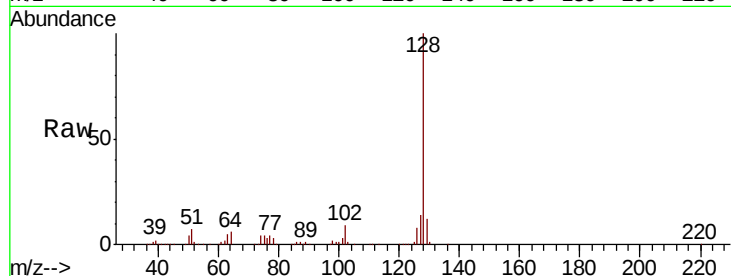




#31
Naphthalene
Concen: 38.110 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.3	11.0	16.4

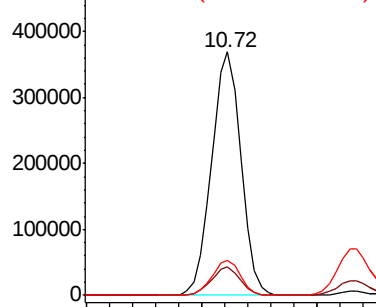


Abundance

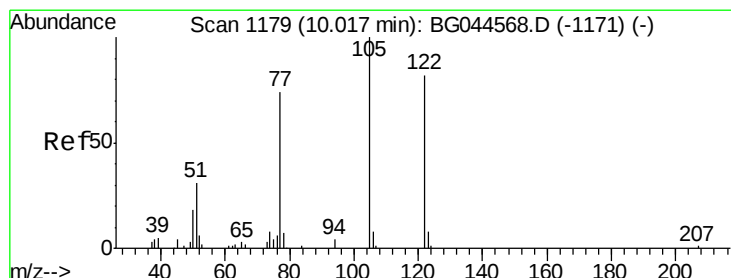
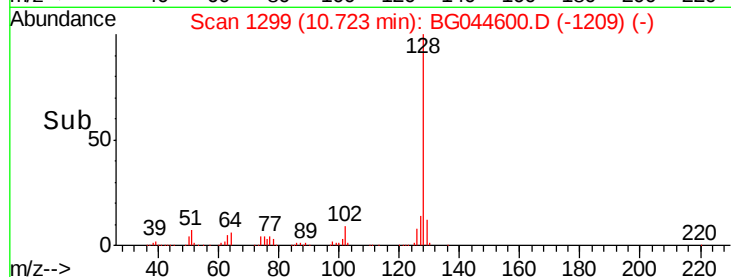
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

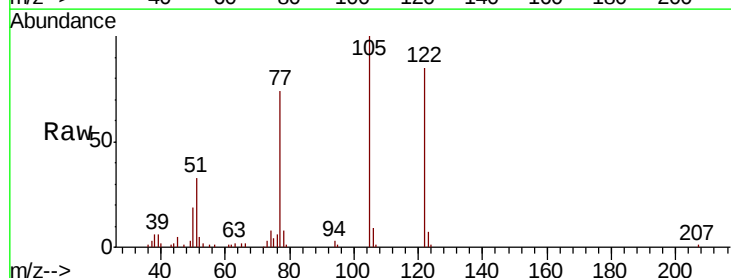


Time--> 10.60 10.70 10.80



#32
Benzoic acid
Concen: 56.120 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	101.4	141.4
77	87.6	69.8	109.8

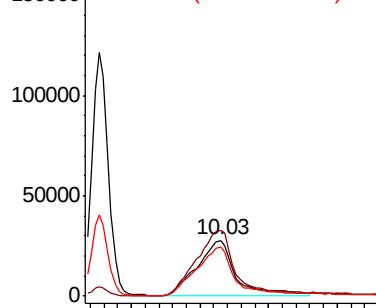


Abundance

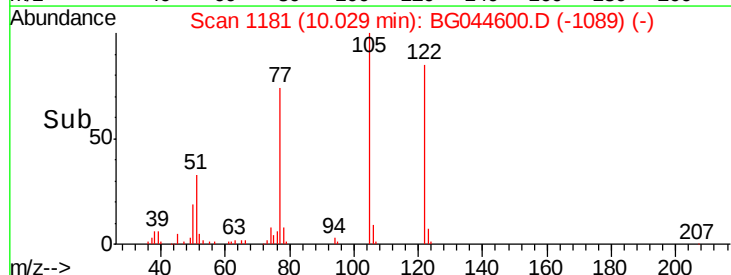
Ion 122.00 (121.70 to 122.70): E

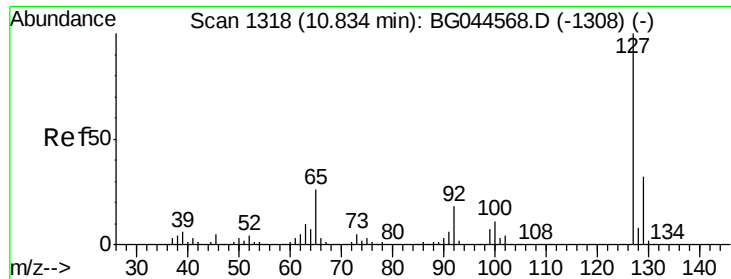
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



Time--> 9.90 10.00 10.10 10.20

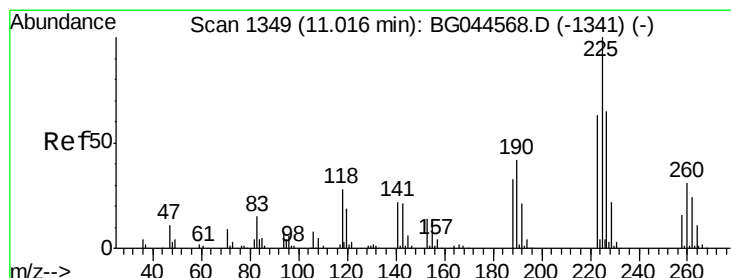
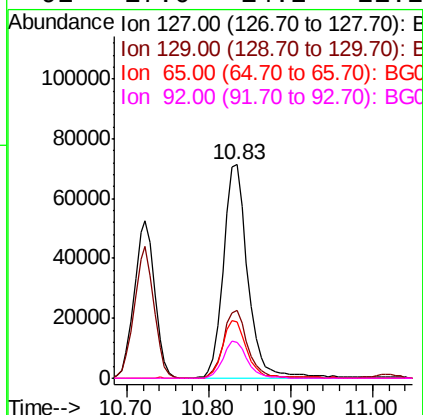
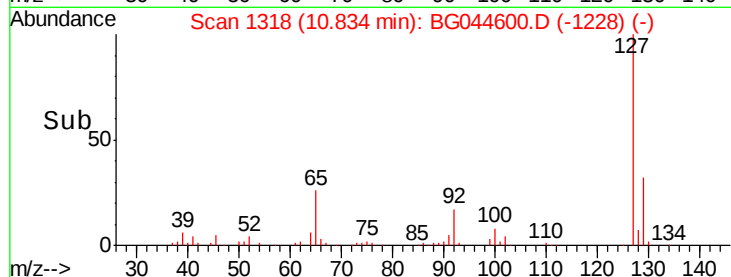
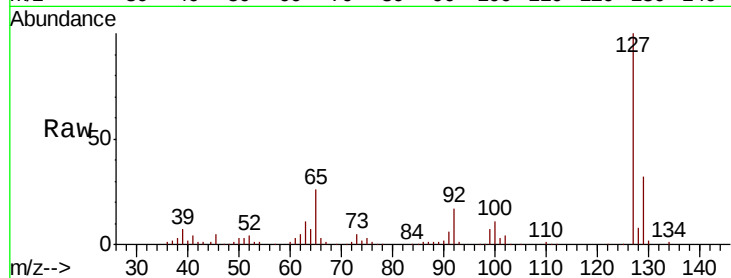




#33
4-Chloroaniline
Concen: 19.501 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

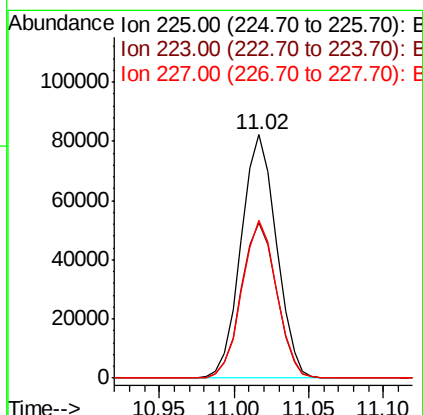
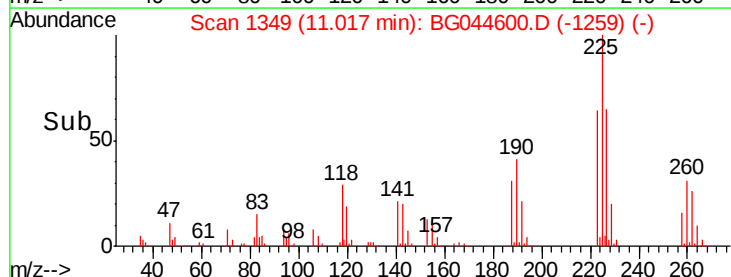
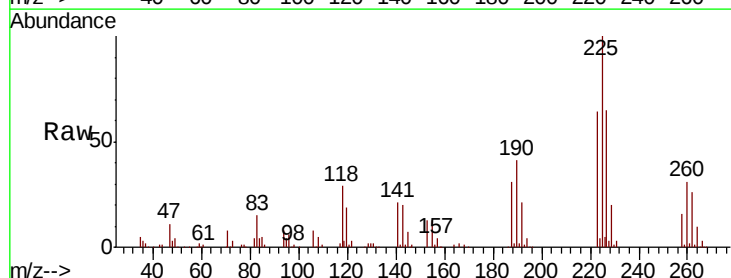
Instrument :
BNA_G
ClientSampleId :

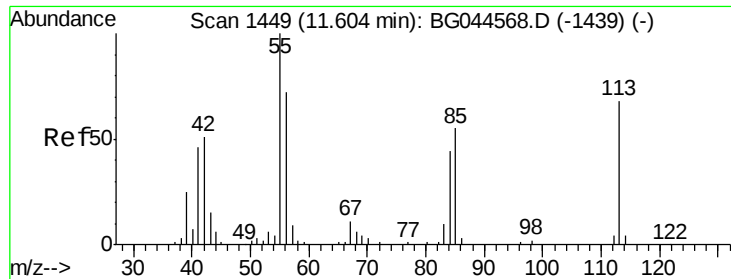
Tot Ion:	127	Resp:	146754
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	26.3	20.7	31.1
92	17.0	14.2	21.2



#34
Hexachlorobutadiene
Concen: 34.665 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:	225	Resp:	134962
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	64.8	52.1	78.1

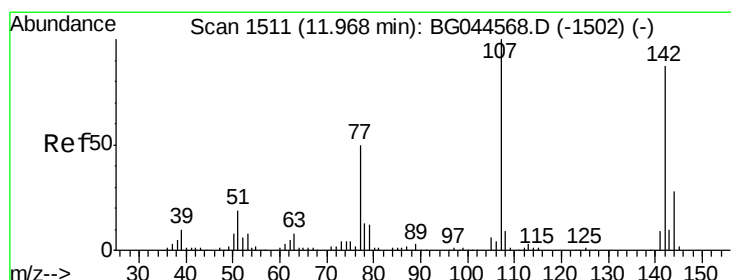
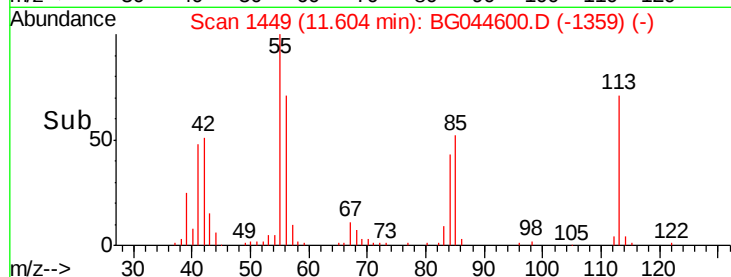
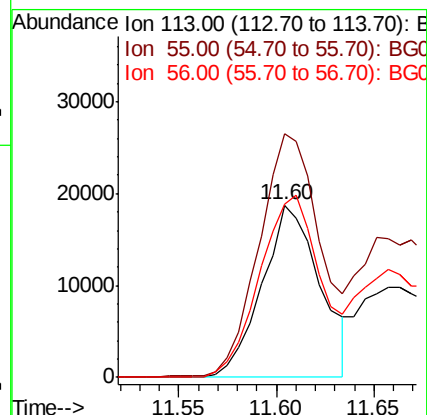
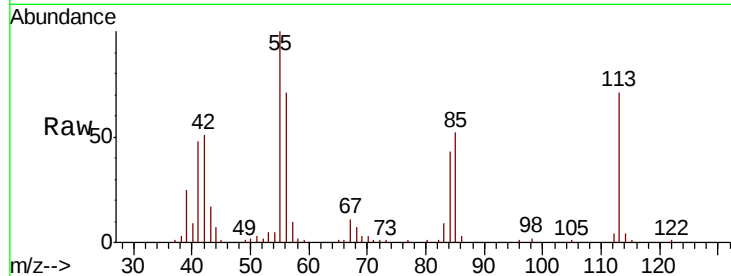




#35
Caprolactam
Concen: 20.035 ng
RT: 11.60 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

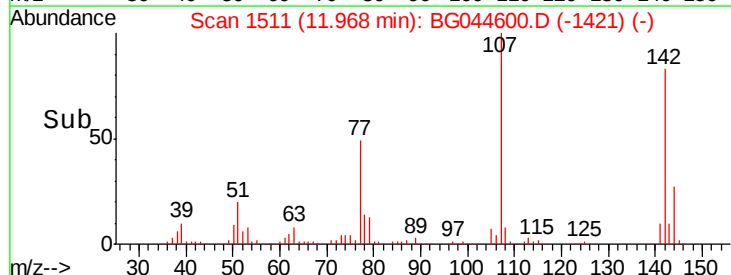
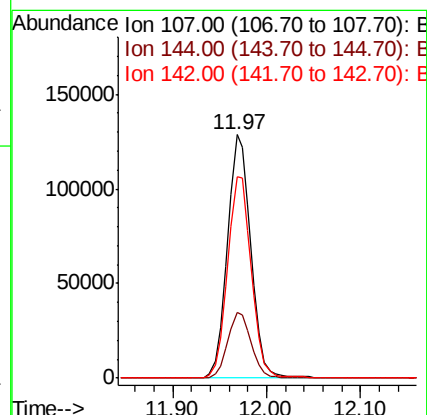
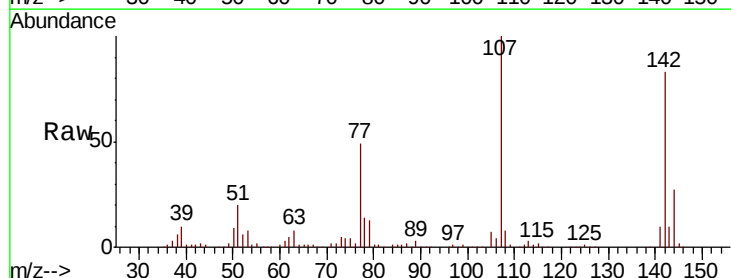
Instrument :
BNA_G
ClientSampleId :

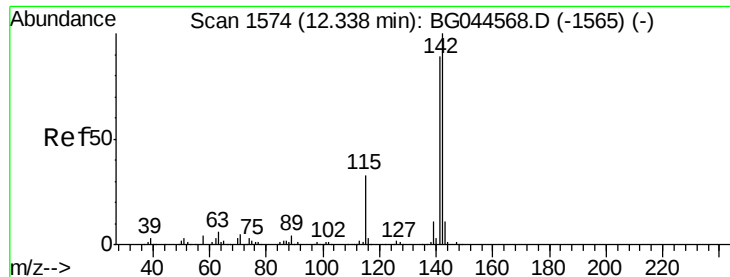
Tot Ion:113 Resp: 38449
Ion Ratio Lower Upper
113 100
55 141.3 127.8 167.8
56 100.9 86.9 126.9



#36
4-Chloro-3-methylphenol
Concen: 40.375 ng
RT: 11.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:107 Resp: 222790
Ion Ratio Lower Upper
107 100
144 26.8 22.3 33.5
142 82.5 69.3 103.9

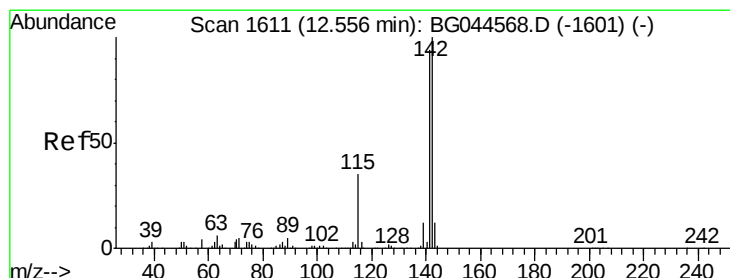
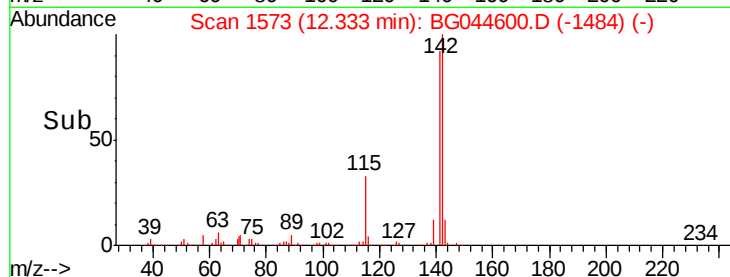
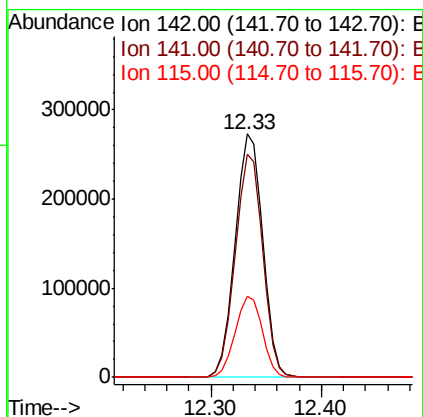
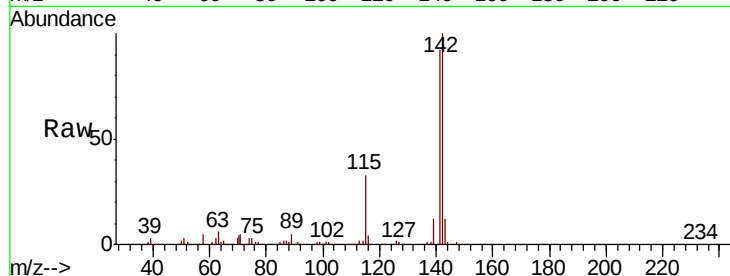




#37
2-Methylnaphthalene
Concen: 38.135 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

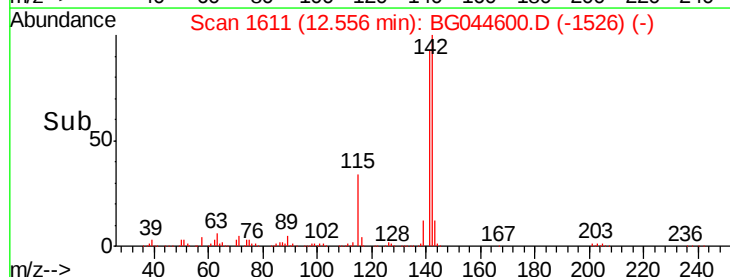
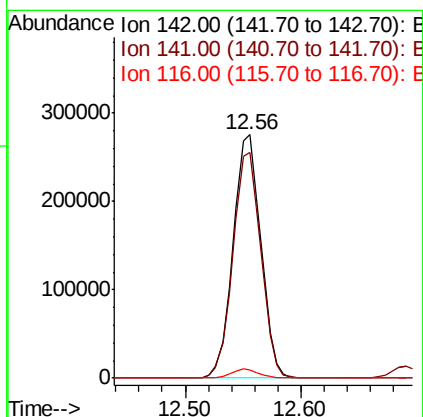
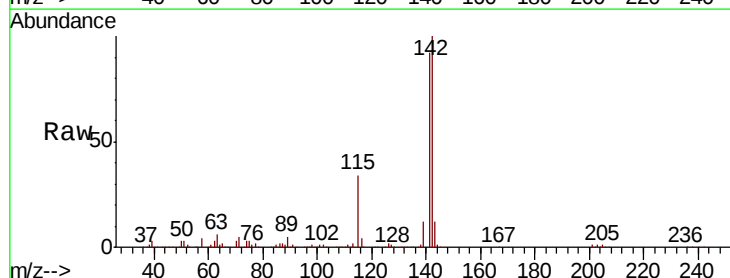
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.3	106.9
115	33.3	26.2	39.2



#38
1-Methylnaphthalene
Concen: 38.084 ng
RT: 12.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.1	112.7
116	3.6	2.6	4.0

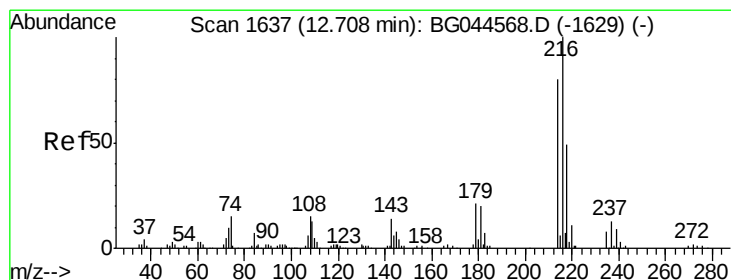
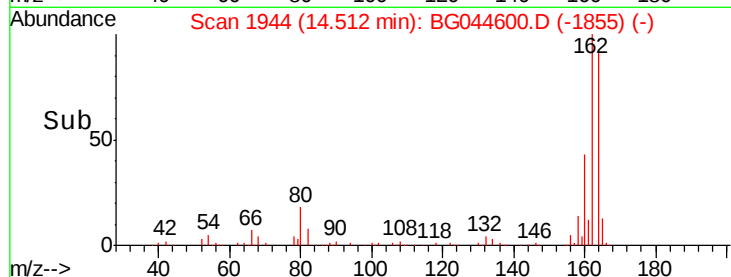
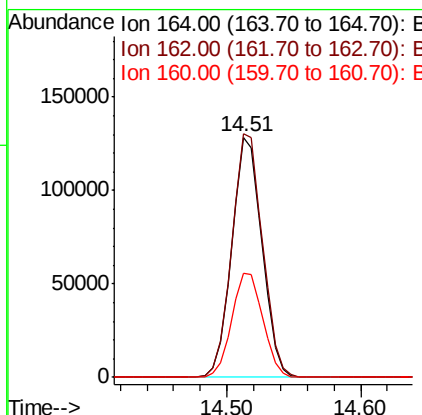
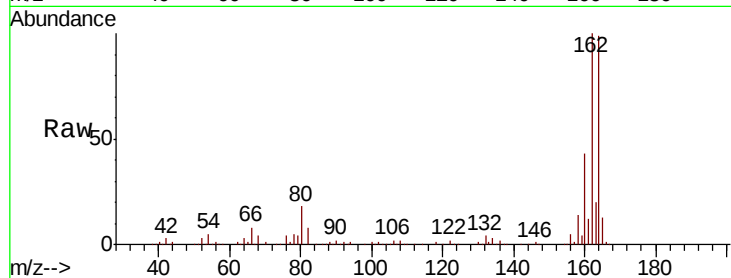




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

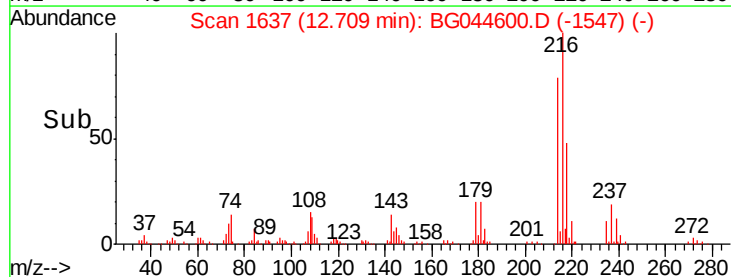
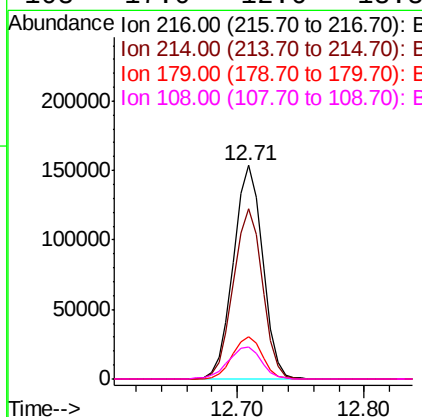
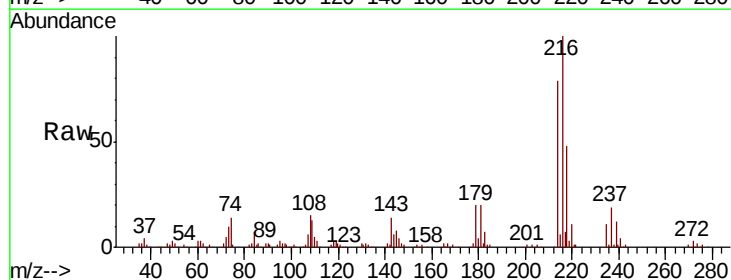
Instrument :
BNA_G
ClientSampleId :

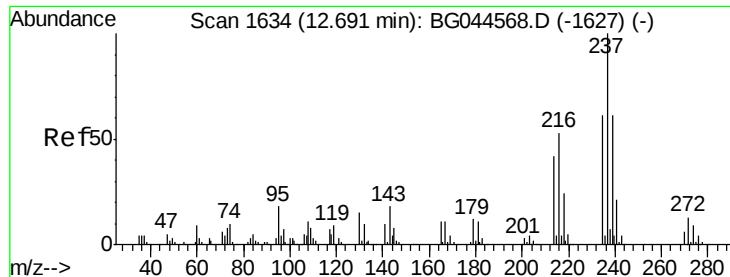
Tot Ion:164 Resp: 201975
Ion Ratio Lower Upper
164 100
162 101.4 83.6 125.4
160 43.3 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.044 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:216 Resp: 245079
Ion Ratio Lower Upper
216 100
214 79.4 63.3 94.9
179 19.9 16.2 24.2
108 17.0 12.6 18.8





#41

Hexachlorocyclopentadiene

Concen: 61.758 ng

RT: 12.69 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

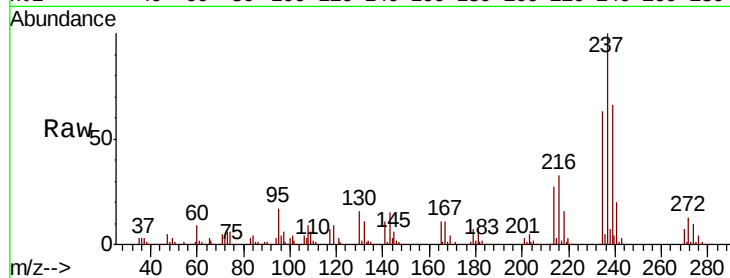
Tot Ion:237 Resp: 193029

Ion Ratio Lower Upper

237 100

235 62.5 40.7 80.7

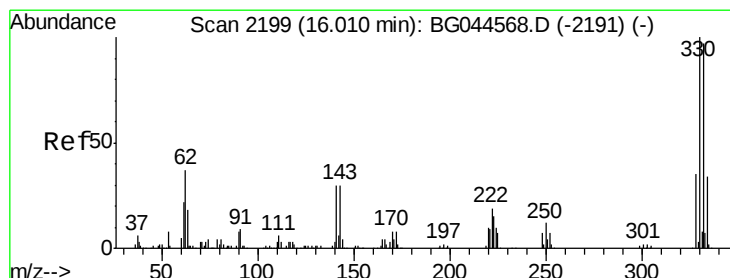
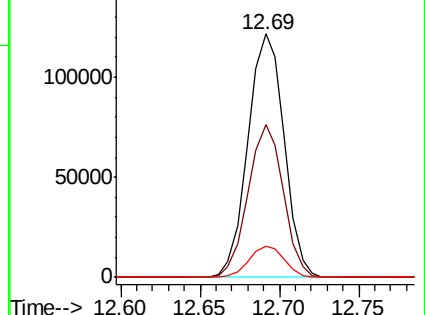
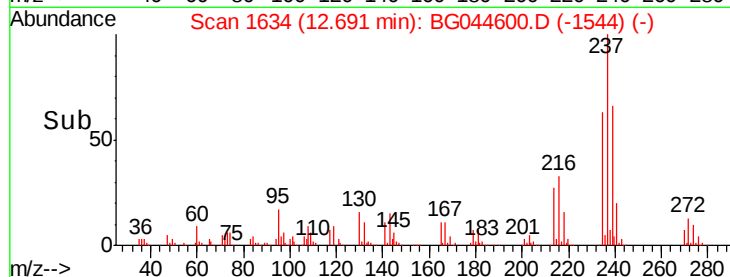
272 12.8 0.0 32.7



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: 106.891 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

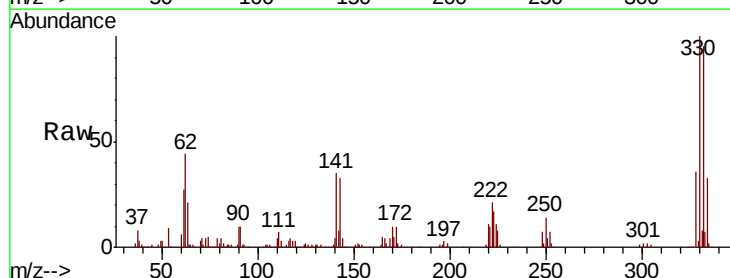
Tgt Ion:330 Resp: 306118

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

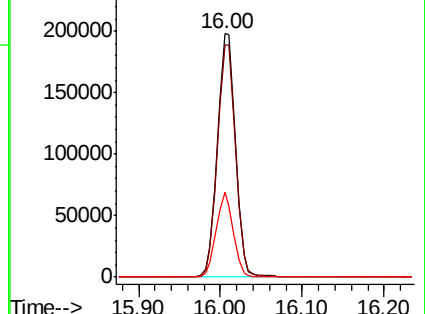
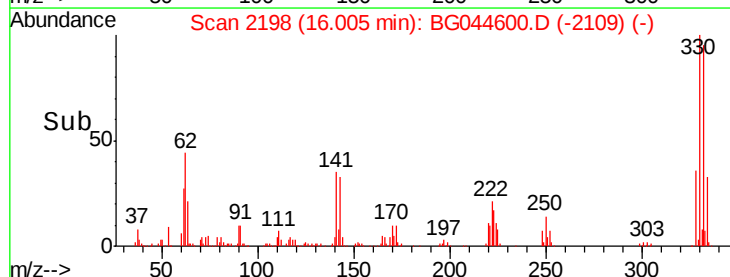
141 33.0 26.1 39.1

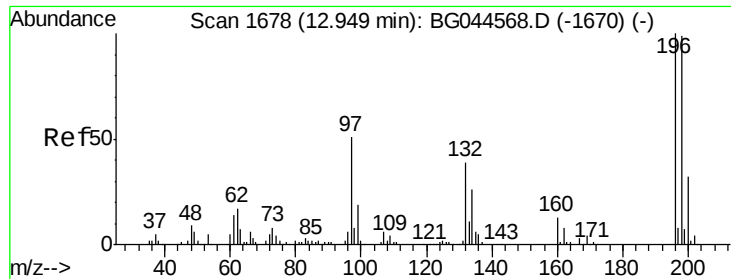


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

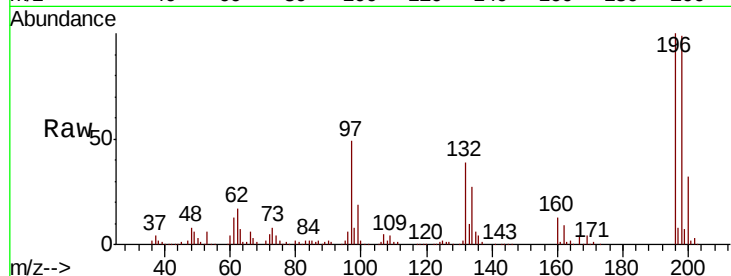




#43
 2,4,6-Trichlorophenol
 Concen: 39.441 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	174131
Ion Ratio	Lower	Upper	
196	100		
198	98.7	79.2	118.8
200	31.8	25.7	38.5

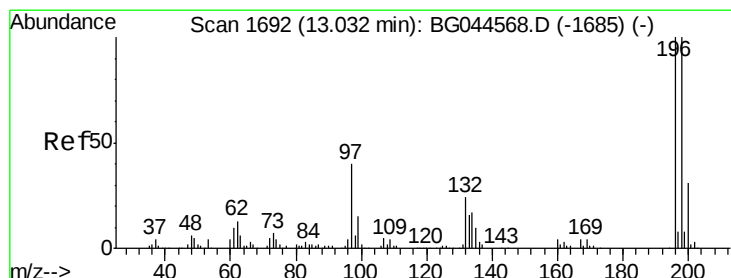
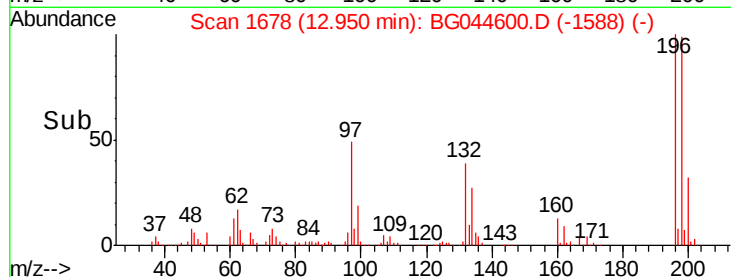
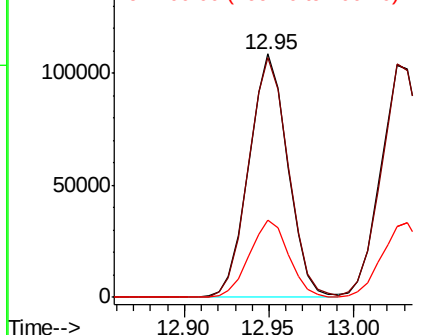


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.591 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	196	Resp	188624
Ion Ratio	Lower	Upper	
196	100		
198	100.1	79.3	118.9
97	43.7	32.3	48.5
132	25.7	19.1	28.7

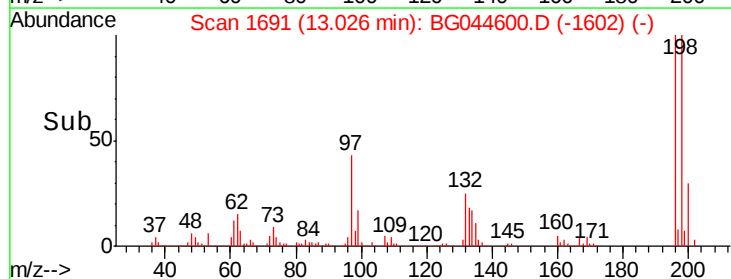
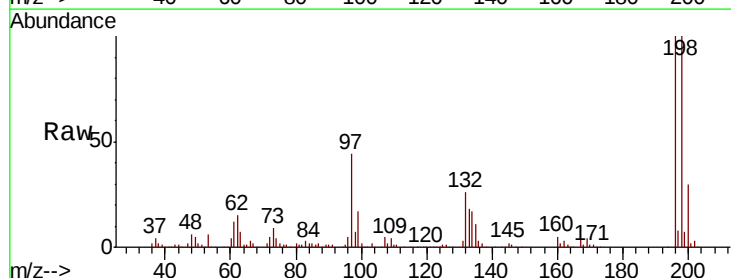
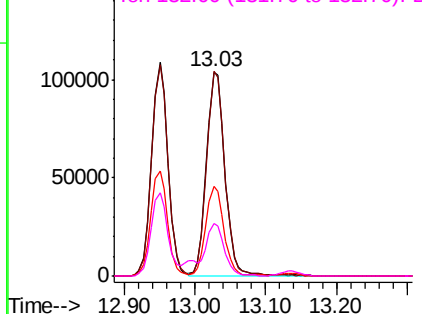
Abundance

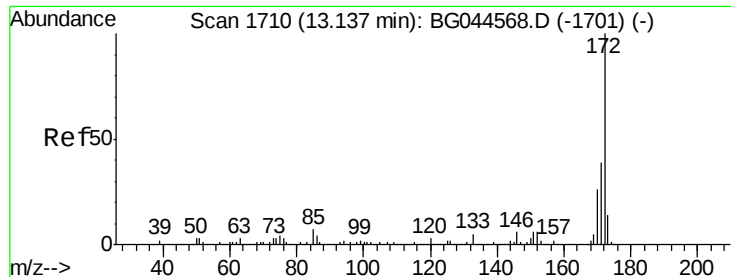
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

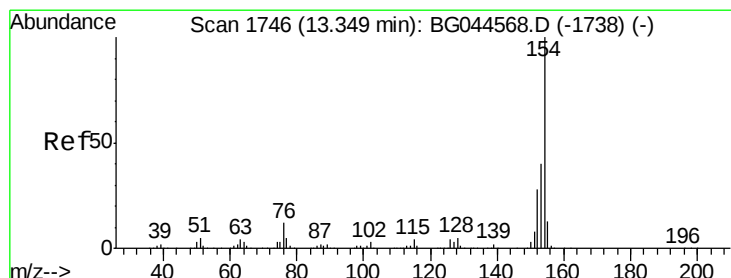
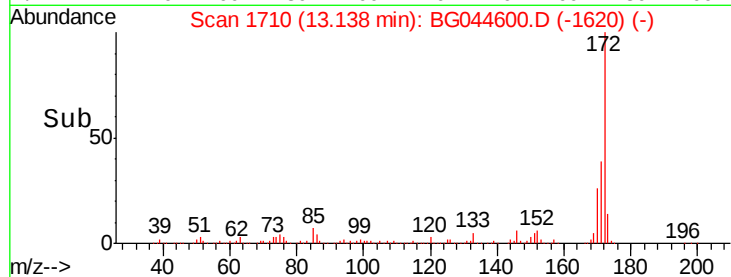
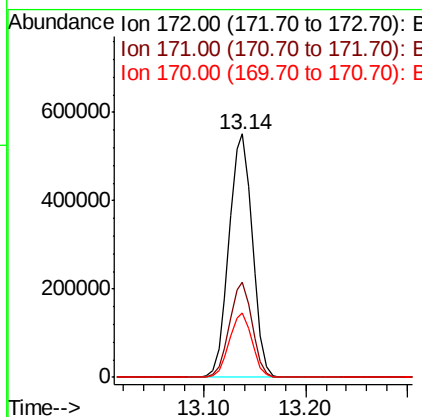
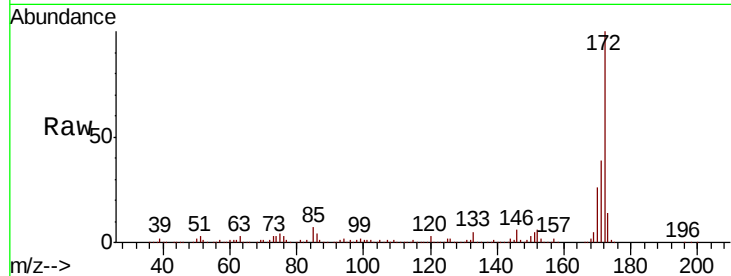




#45
 2-Fluorobiphenyl
 Concen: 62.337 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

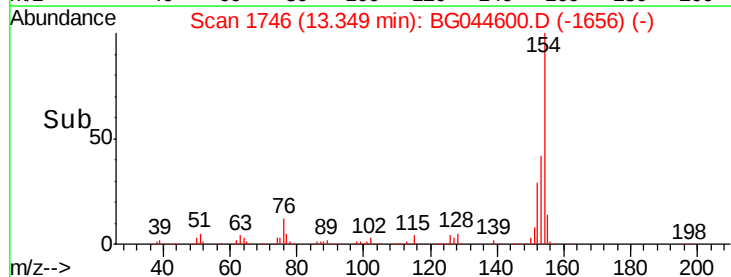
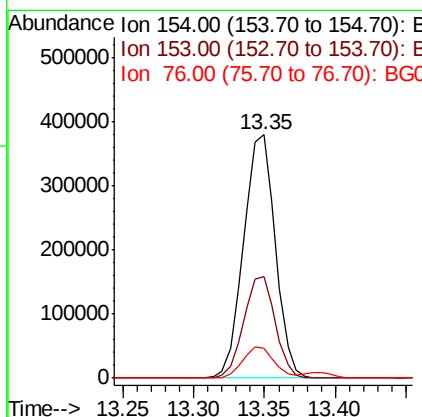
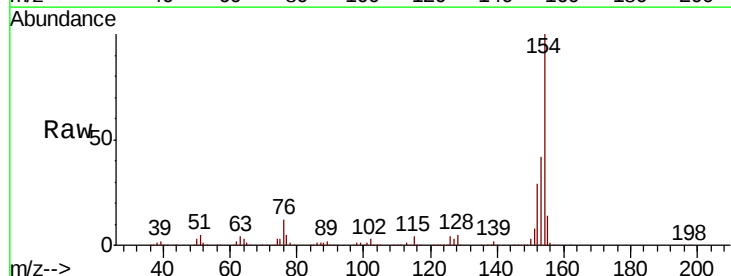
Instrument :
 BNA_G
 ClientSampleId :

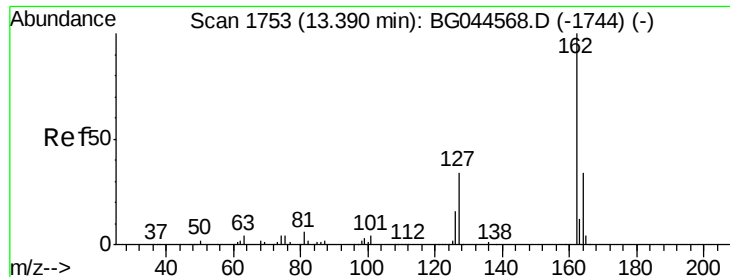
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	26.3	21.0	31.4



#46
 1,1'-Biphenyl
 Concen: 35.876 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.2	60.2
76	12.1	0.0	31.8





#47

2-Chloronaphthalene

Concen: 36.378 ng

RT: 13.39 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

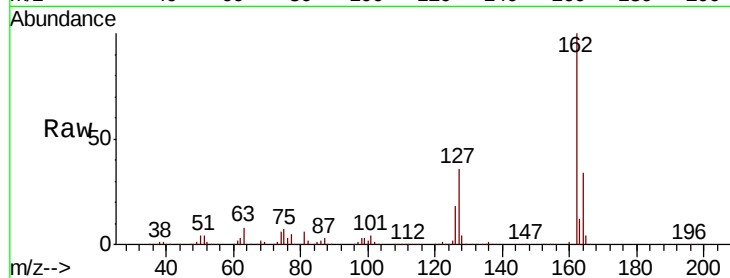
Tot Ion:162 Resp: 476801

Ion Ratio Lower Upper

162 100

127 36.0 28.7 43.1

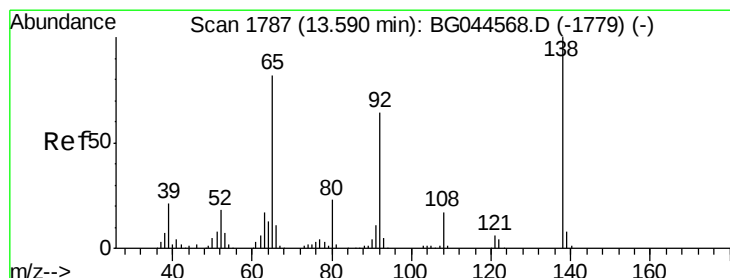
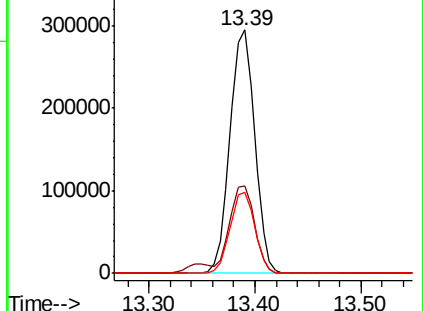
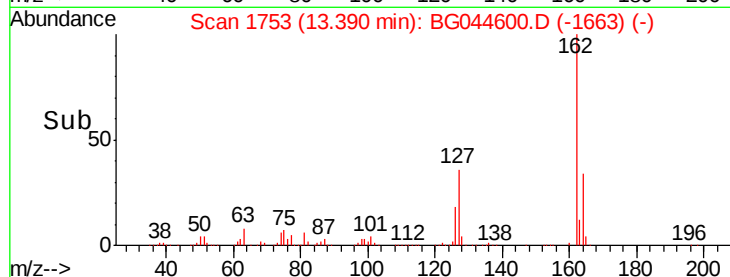
164 33.5 27.3 40.9



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: 37.903 ng

RT: 13.59 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

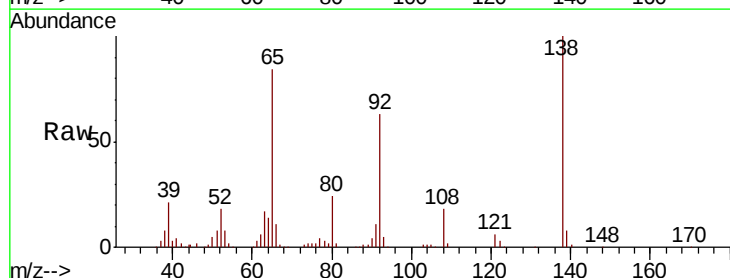
Tgt Ion: 65 Resp: 137902

Ion Ratio Lower Upper

65 100

92 75.0 62.2 93.2

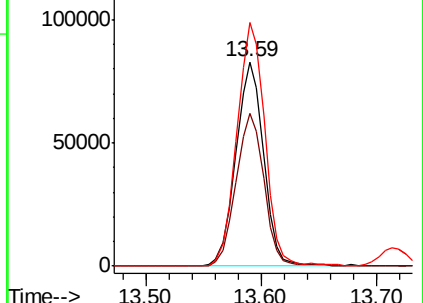
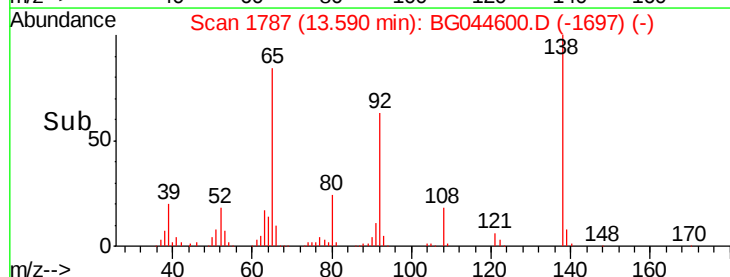
138 119.4 97.6 146.4

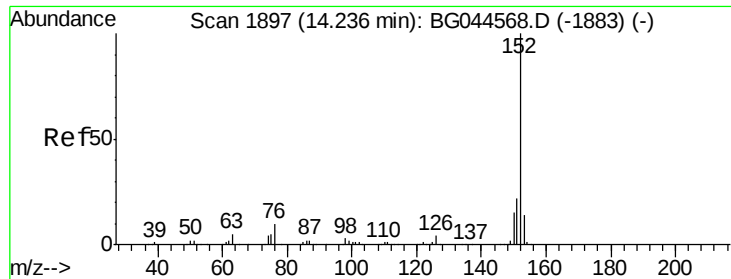


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.210 ng

RT: 14.24 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

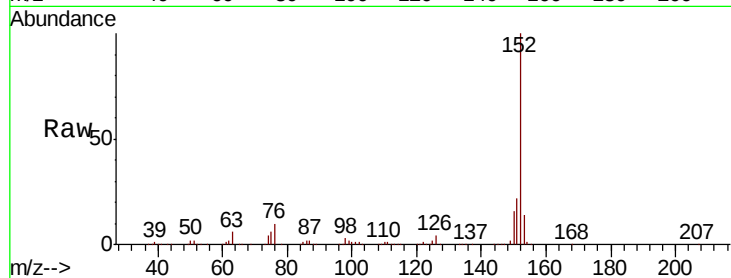
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 739257

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.7	26.5
153	14.2	11.3	16.9

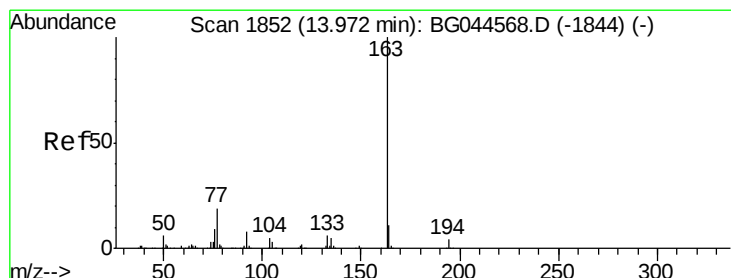
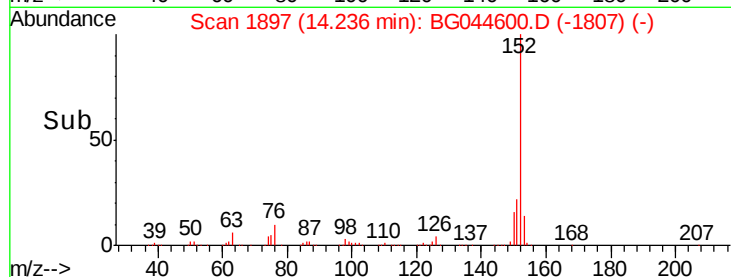
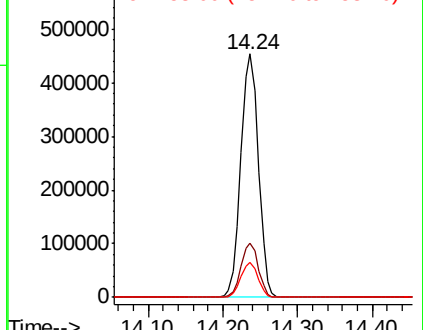


Abundance

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: 37.356 ng

RT: 13.97 min Scan# 1852

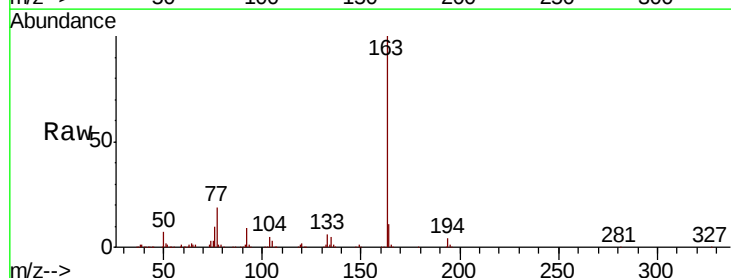
Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:163 Resp: 608976

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.9	8.7	13.1

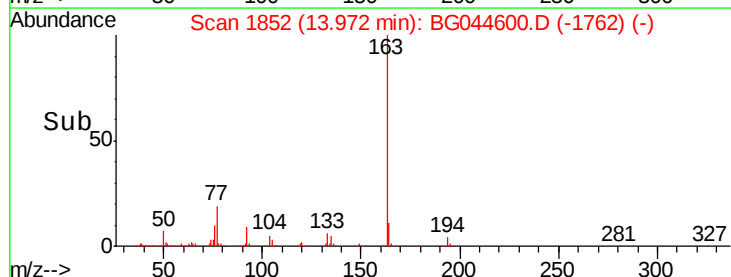
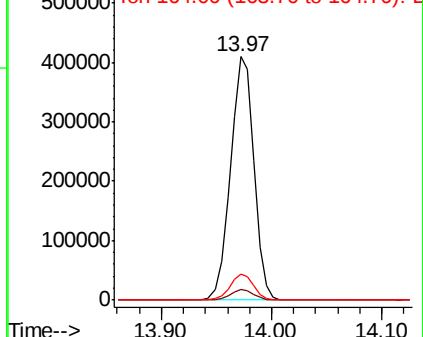


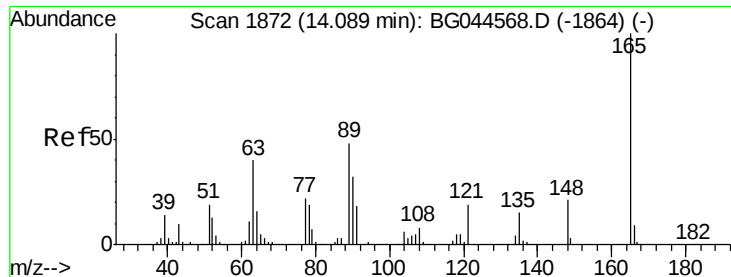
Abundance

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

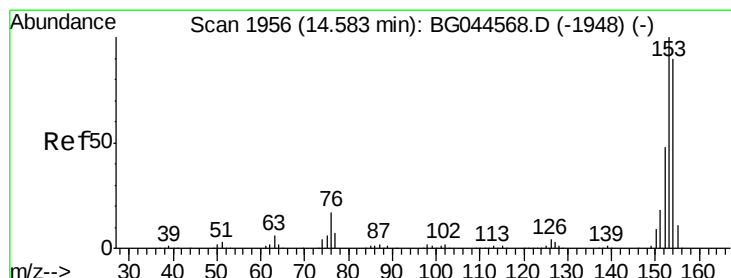
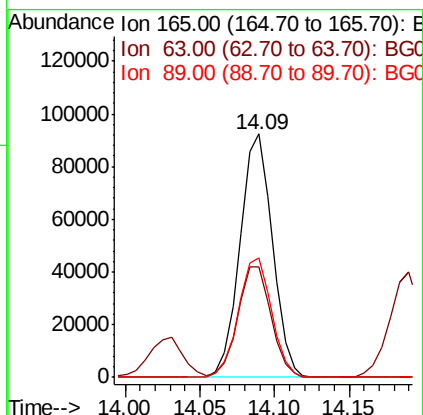
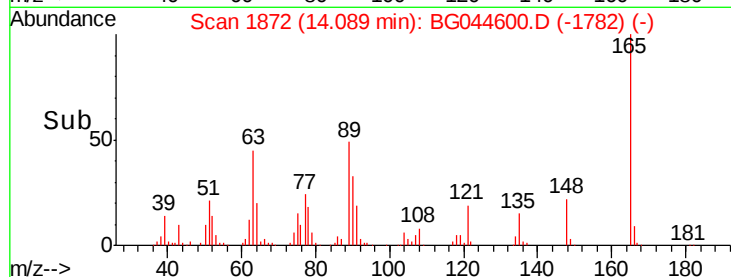
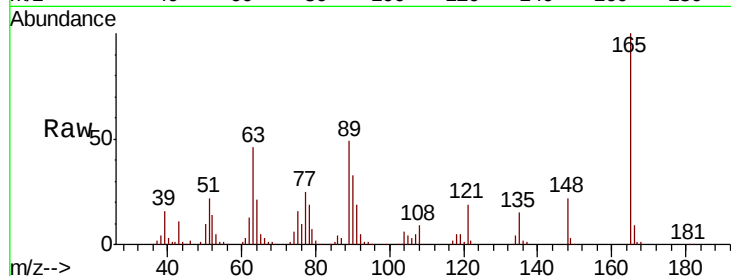




#51
2,6-Dinitrotoluene
Concen: 38.678 ng
RT: 14.09 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

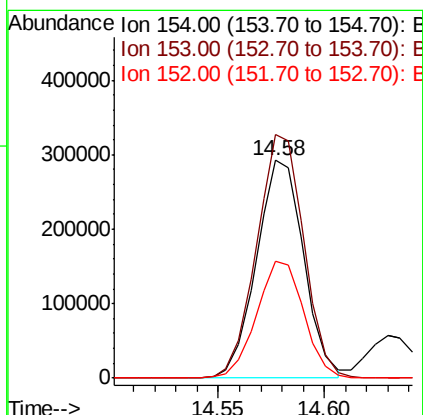
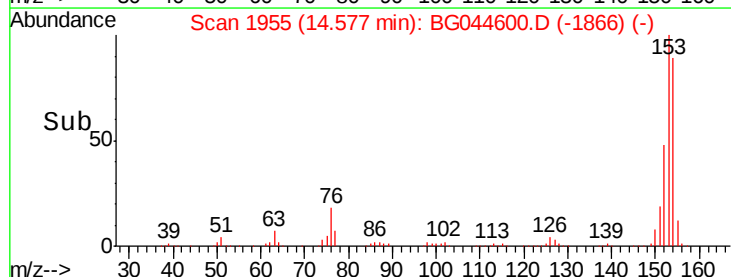
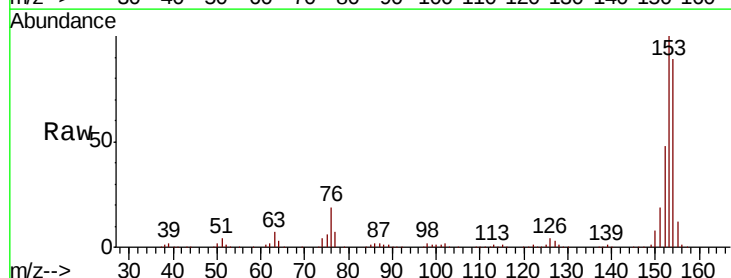
Instrument :
BNA_G
ClientSampleId :

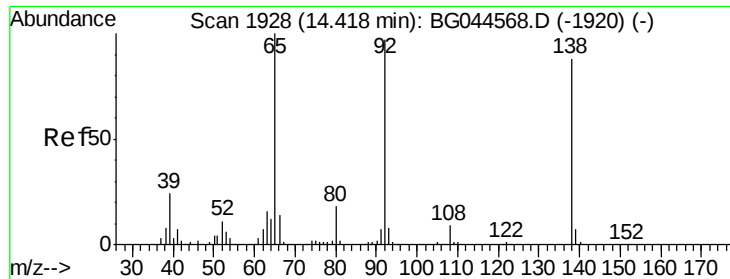
Tot Ion:165 Resp: 139059
Ion Ratio Lower Upper
165 100
63 45.6 35.8 53.6
89 49.3 38.7 58.1



#52
Acenaphthene
Concen: 36.829 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:154 Resp: 454207
Ion Ratio Lower Upper
154 100
153 111.8 89.4 134.0
152 53.5 43.0 64.4

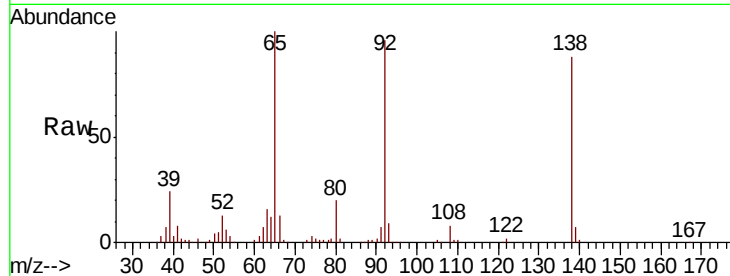




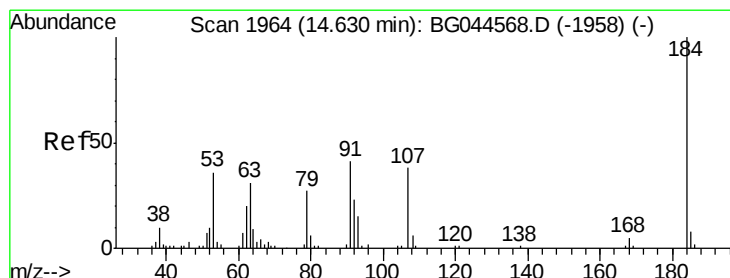
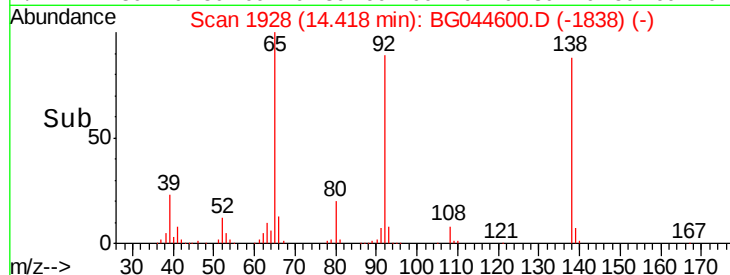
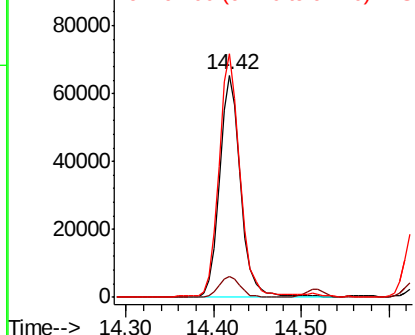
#53
3-Nitroaniline
Concen: 28.136 ng
RT: 14.42 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 109097
Ion Ratio Lower Upper
138 100
108 9.3 7.9 11.9
92 109.7 87.4 131.2

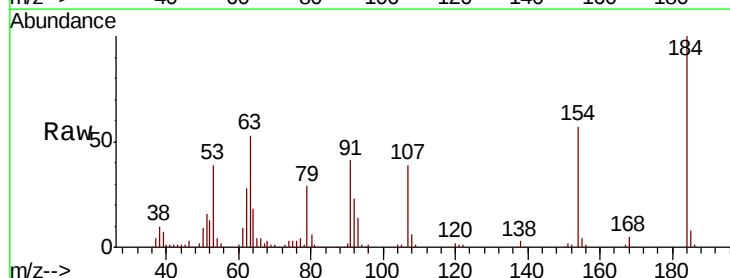


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

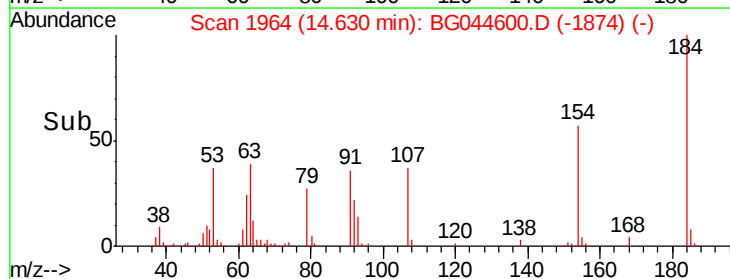
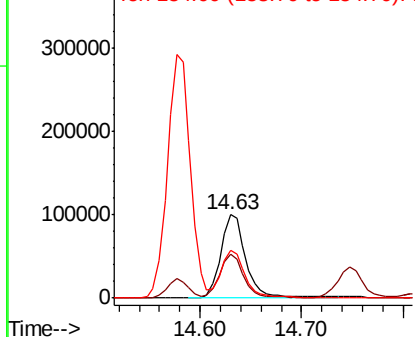


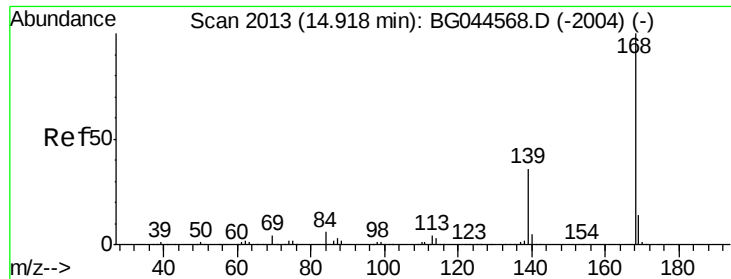
#54
2,4-Dinitrophenol
Concen: 80.631 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:184 Resp: 172899
Ion Ratio Lower Upper
184 100
63 52.9 42.1 63.1
154 56.9 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

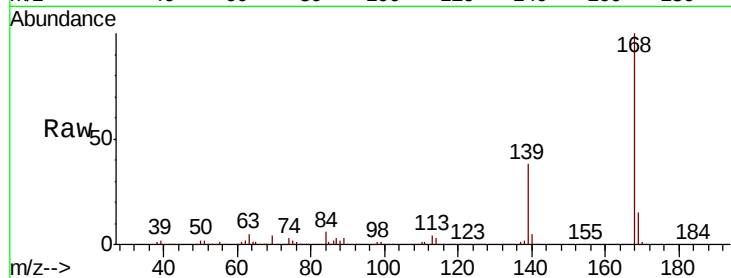




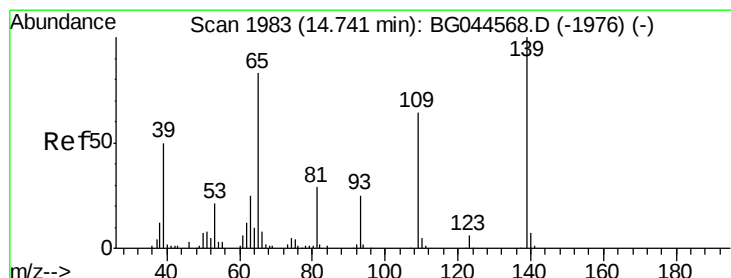
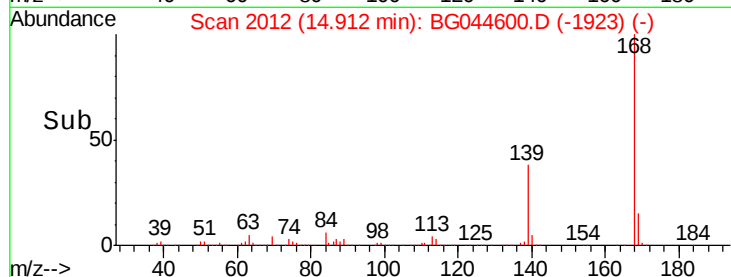
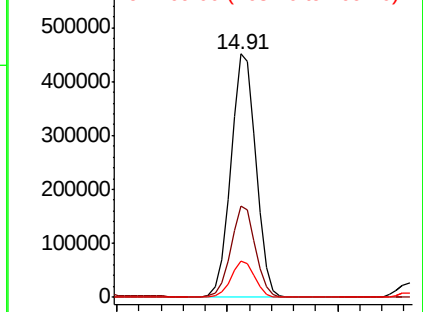
#55
Dibenzofuran
Concen: 37.945 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 717425
Ion Ratio Lower Upper
168 100
139 37.5 29.2 43.8
169 14.7 11.0 16.6

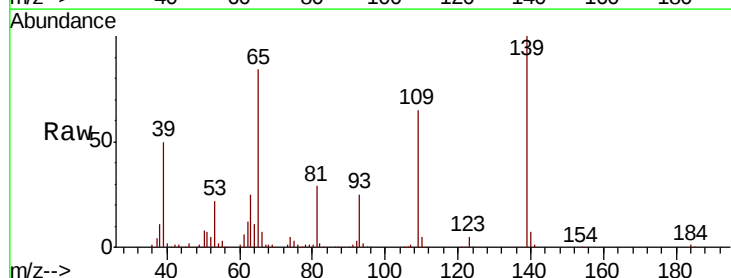


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

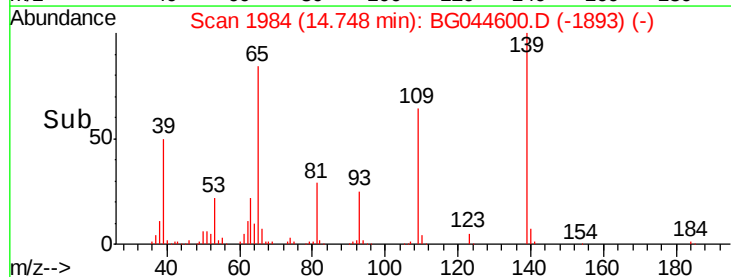
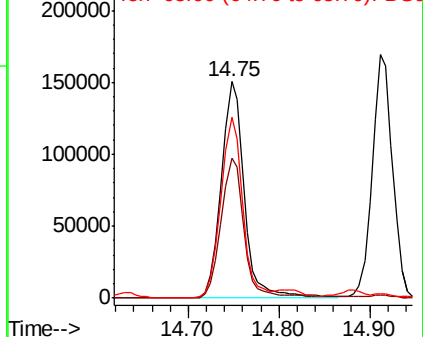


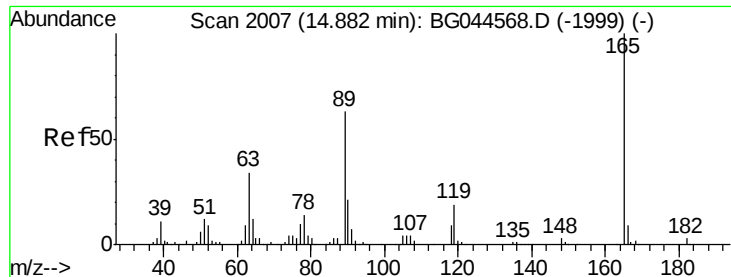
#56
4-Nitrophenol
Concen: 99.632 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:139 Resp: 265739
Ion Ratio Lower Upper
139 100
109 64.6 43.8 83.8
65 83.7 63.6 103.6



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

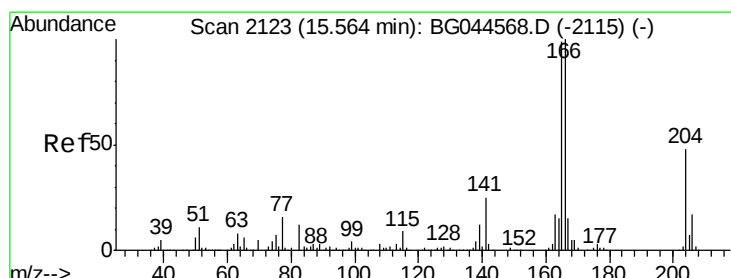
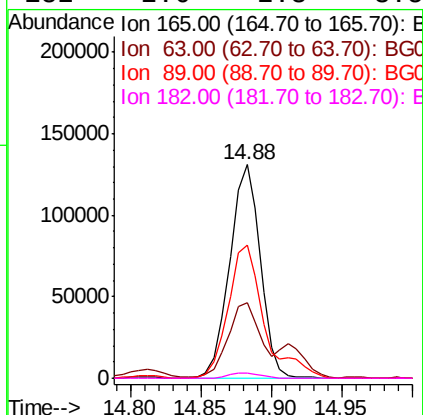
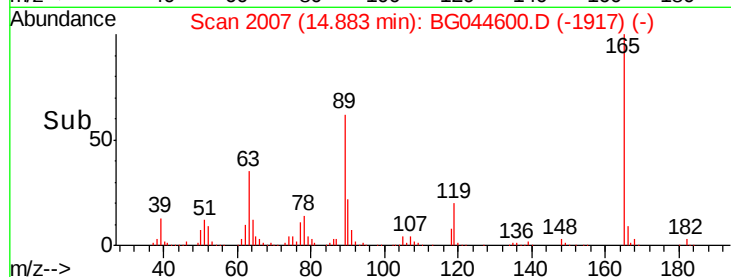
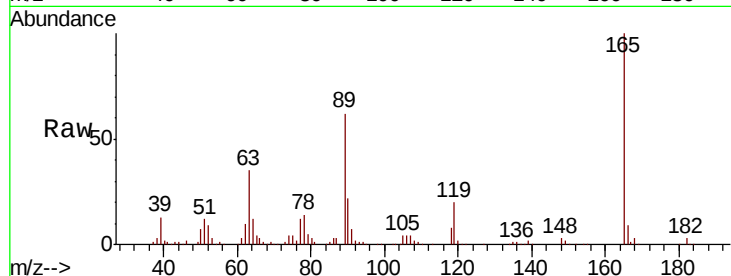




#57
 2,4-Dinitrotoluene
 Concen: 39.084 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

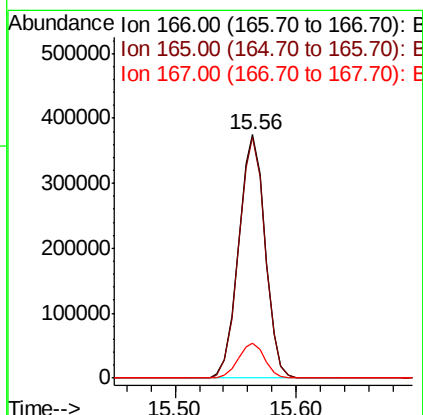
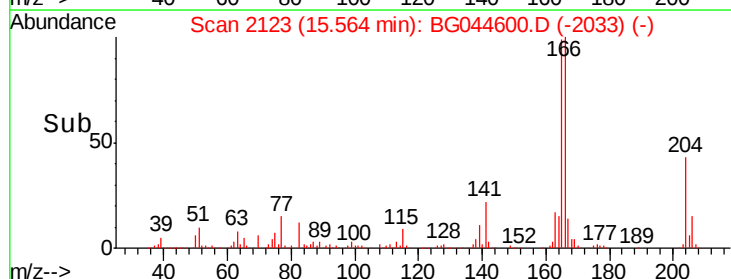
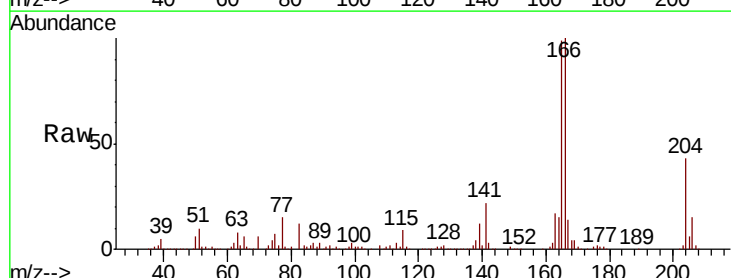
Instrument :
 BNA_G
 ClientSampleId :

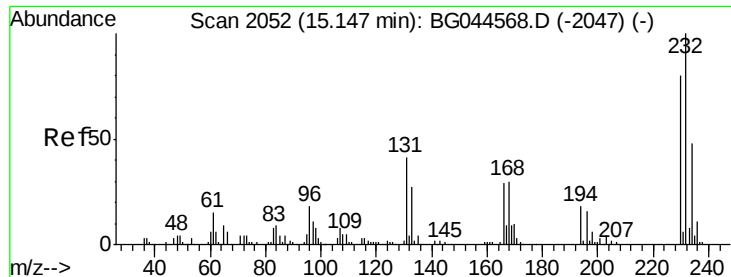
Tot Ion:165	Resp:	197560
Ion Ratio	Lower	Upper
165	100	
63	35.4	27.5 41.3
89	62.1	50.0 75.0
182	2.6	2.3 3.5



#58
 Fluorene
 Concen: 38.097 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion:166	Resp:	571103
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.2 118.8
167	14.4	11.7 17.5

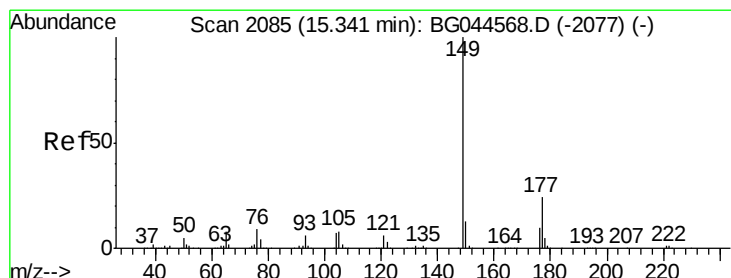
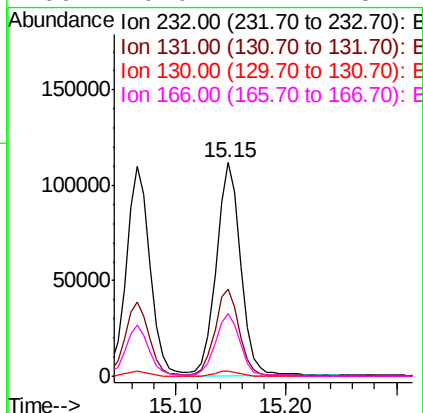
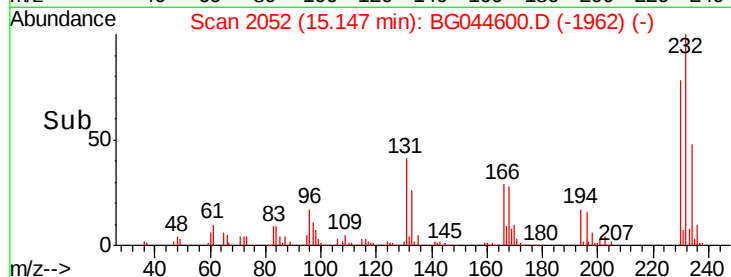
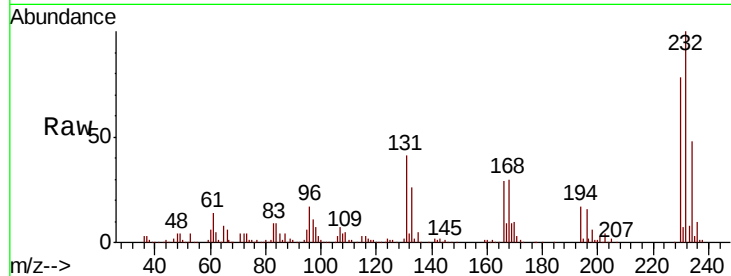




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.115 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

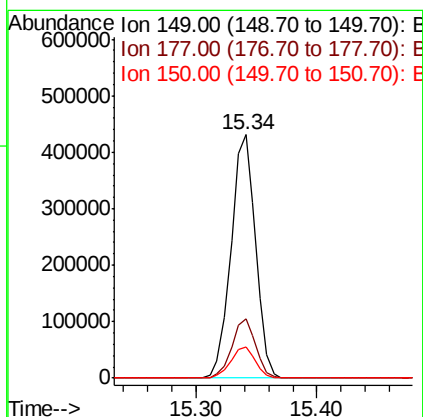
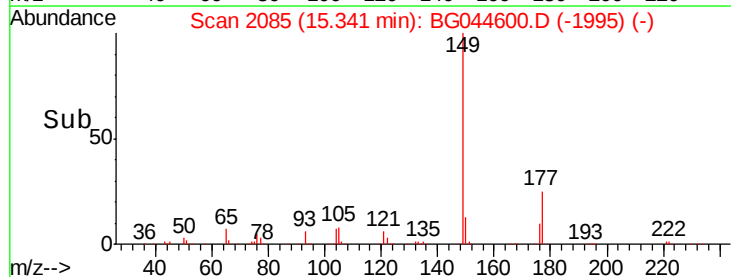
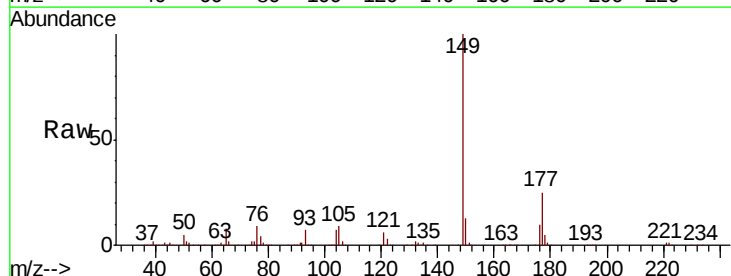
Instrument :
 BNA_G
 ClientSampleId :

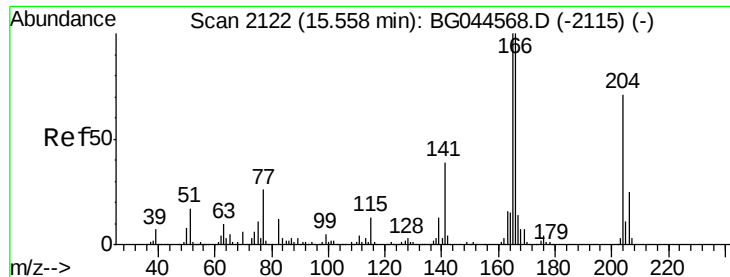
Tot Ion:	232	Resp:	171715
Ion	Ratio	Lower	Upper
232	100		
131	40.9	31.8	47.6
130	2.3	1.8	2.6
166	29.0	22.7	34.1



#60
 Diethylphthalate
 Concen: 37.568 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion:	149	Resp:	606822
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.2	28.8
150	12.8	10.2	15.4

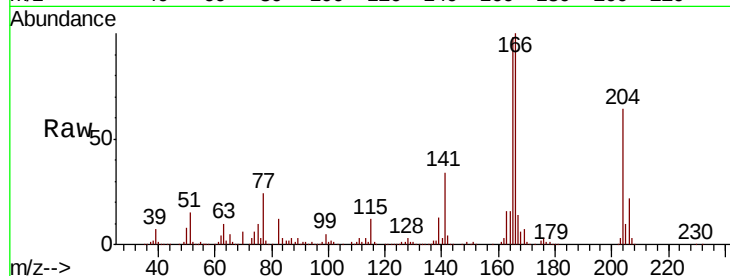




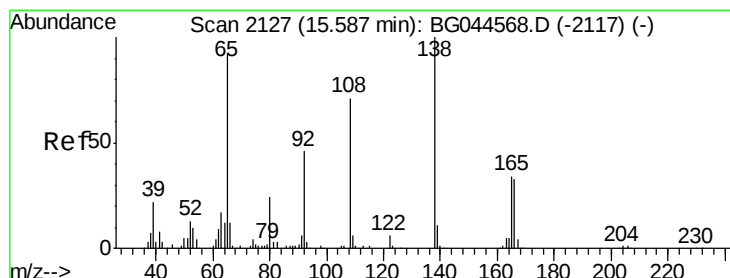
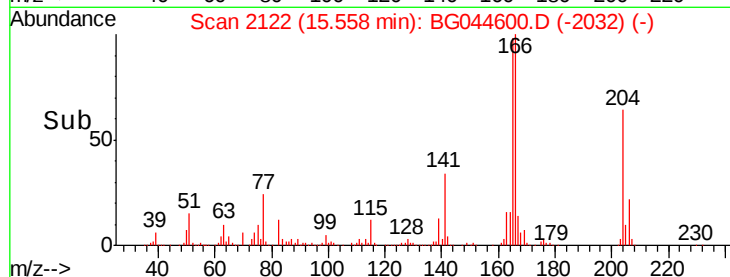
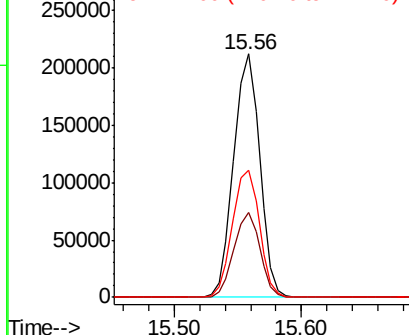
#61
 4-Chlorophenyl-phenylether
 Concen: 37.016 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 301713
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.8 41.8
 141 52.0 43.8 65.8

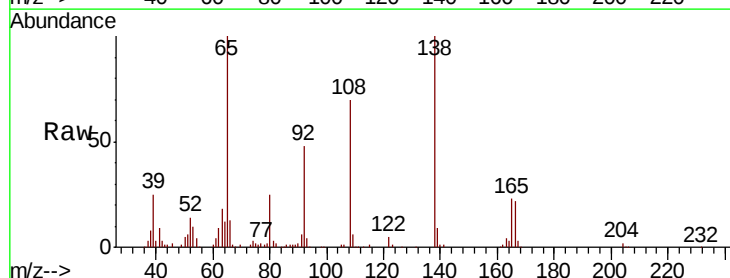


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

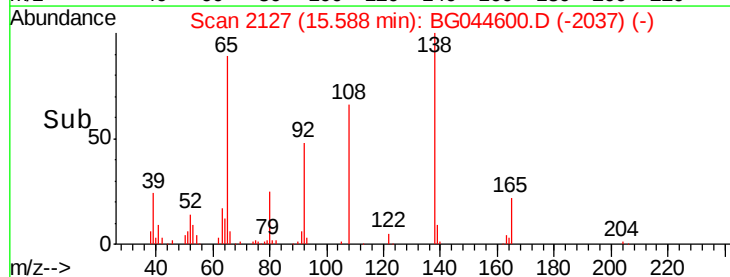
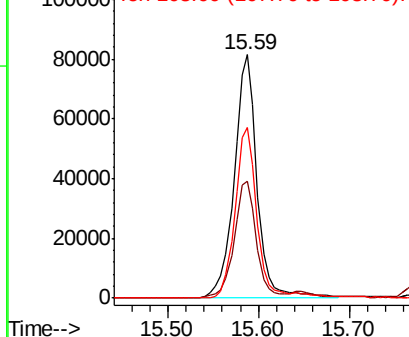


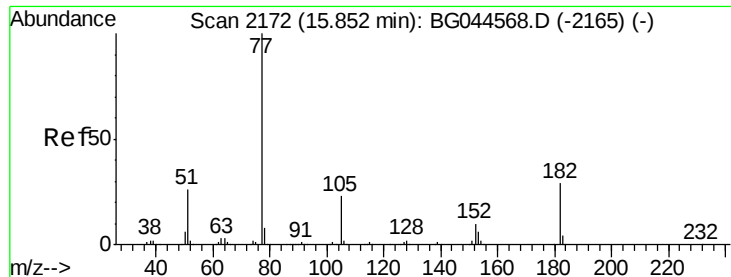
#62
 4-Nitroaniline
 Concen: 37.096 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion:138 Resp: 144030
 Ion Ratio Lower Upper
 138 100
 92 48.1 26.4 66.4
 108 70.3 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

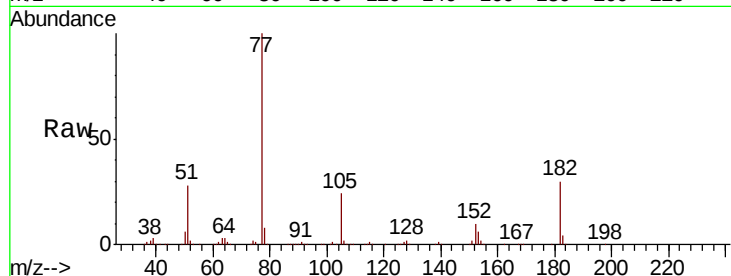




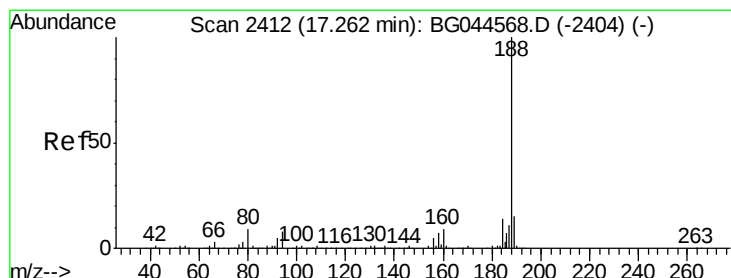
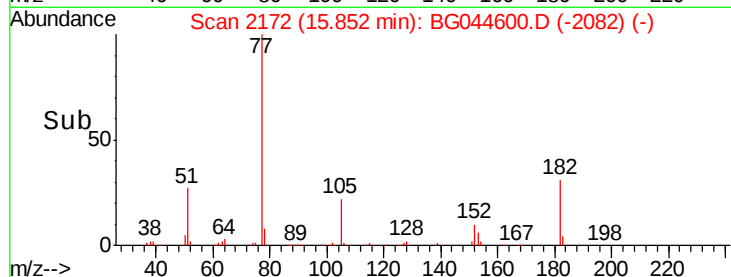
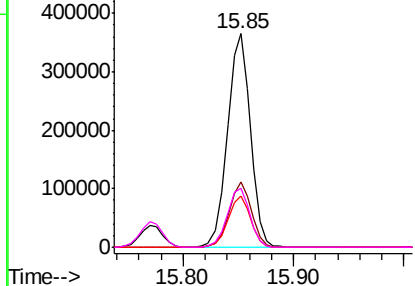
#63
Azobenzene
Concen: 38.468 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	528811
Ion	Ratio	Lower	Upper
77	100		
182	30.3	9.4	49.4
105	24.0	3.4	43.4
51	27.5	6.4	46.4

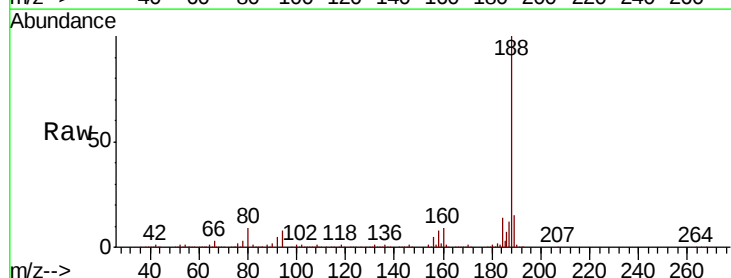


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

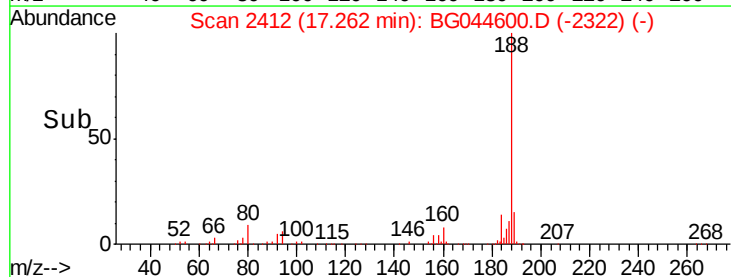
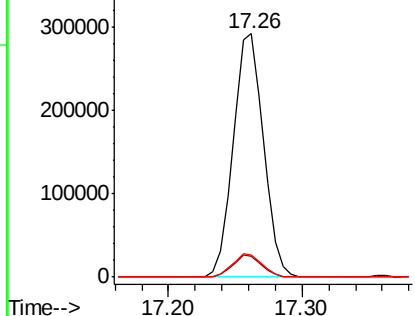


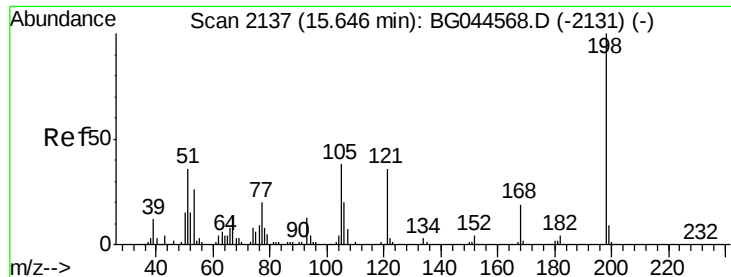
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:	188	Resp:	459501
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.1	7.6	11.4



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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.375 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

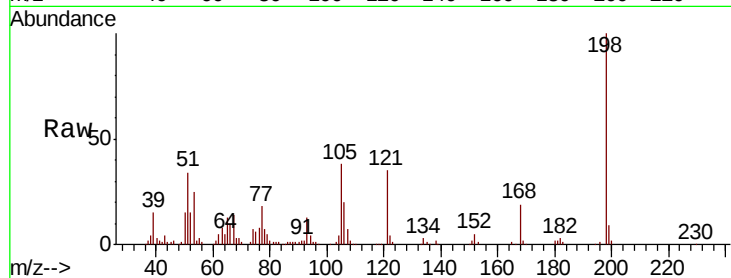
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 126256

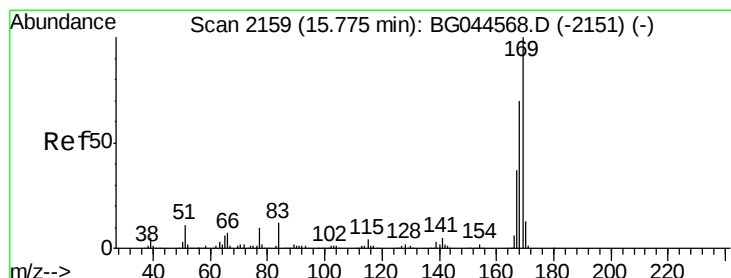
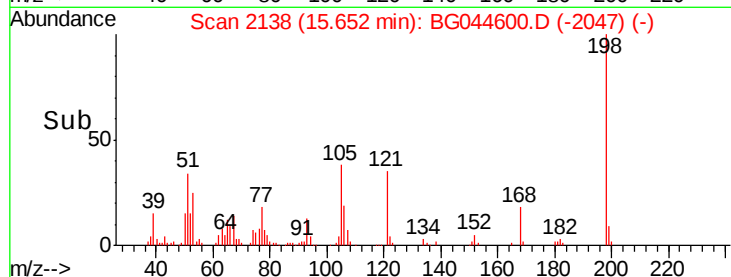
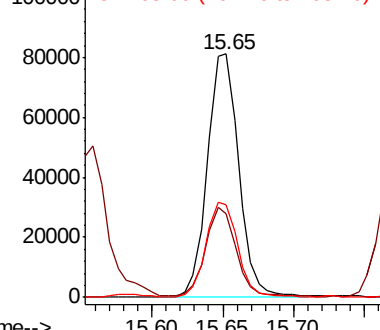
Ion	Ratio	Lower	Upper
198	100		
51	34.4	17.0	57.0
105	37.9	18.4	58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044568.D (-2131) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.562 ng

RT: 15.77 min Scan# 2158

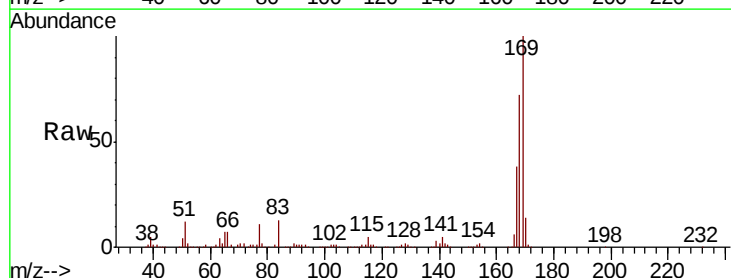
Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Tgt Ion:169 Resp: 538379

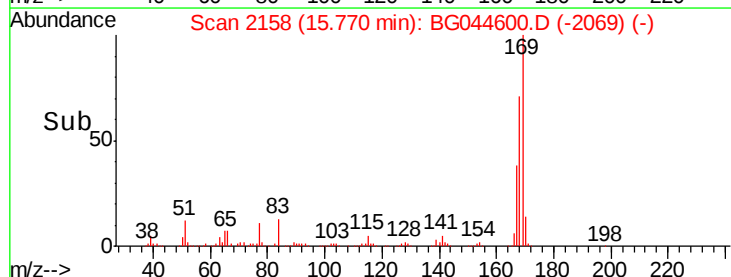
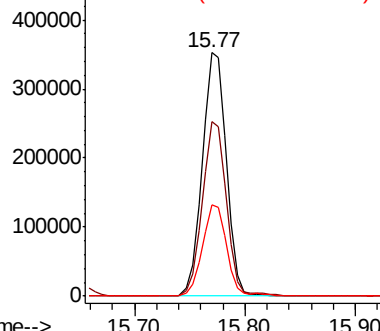
Ion	Ratio	Lower	Upper
169	100		
168	71.5	56.1	84.1
167	37.6	29.4	44.0

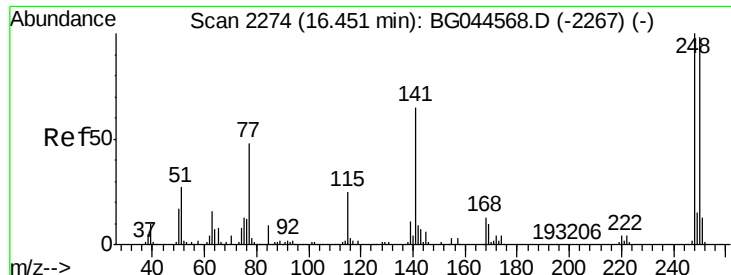


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

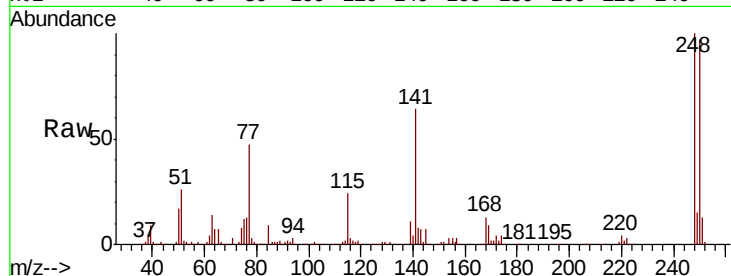




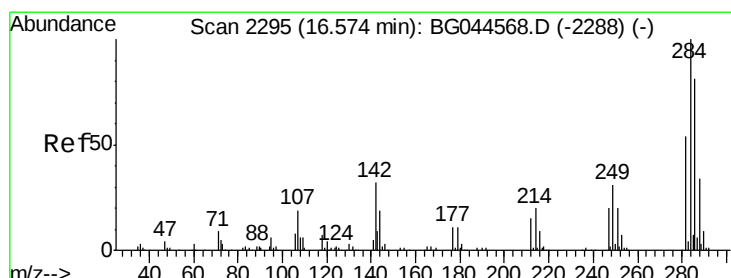
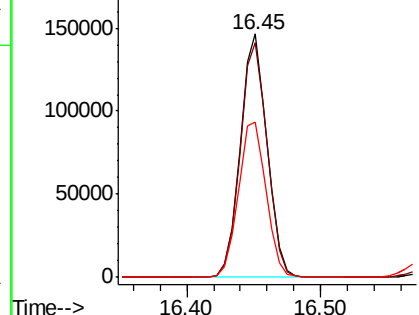
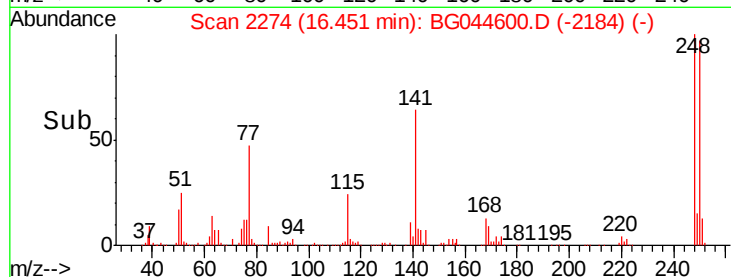
#67
4-Bromophenyl-phenylether
Concen: 35.419 ng
RT: 16.45 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 202020
Ion Ratio Lower Upper
248 100
250 96.5 78.7 118.1
141 63.8 52.3 78.5

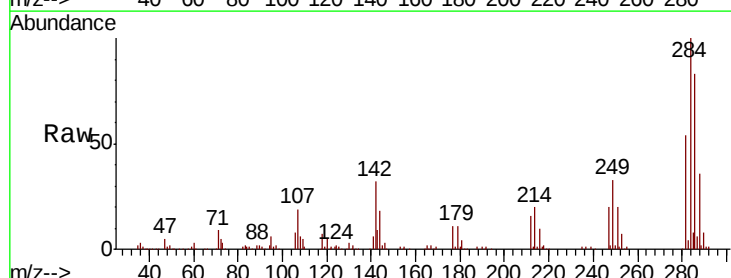


Abundance Ion 248.00 (247.70 to 248.70): E
200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

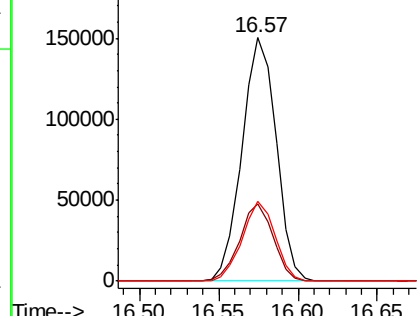
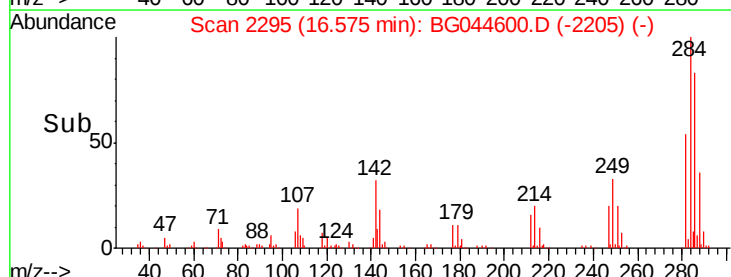


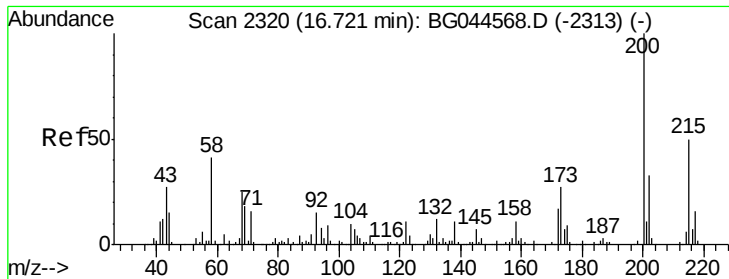
#68
Hexachlorobenzene
Concen: 34.937 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:284 Resp: 225298
Ion Ratio Lower Upper
284 100
142 31.7 25.6 38.4
249 32.9 24.6 36.8



Abundance Ion 283.80 (283.50 to 284.50): E
200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

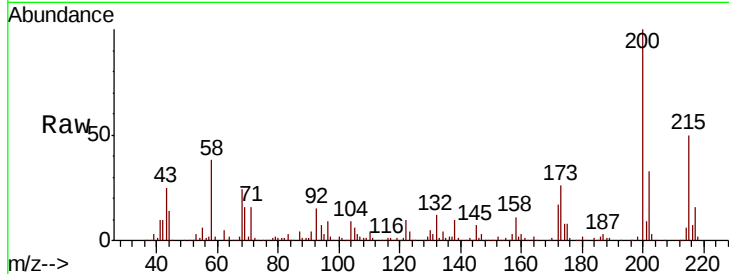




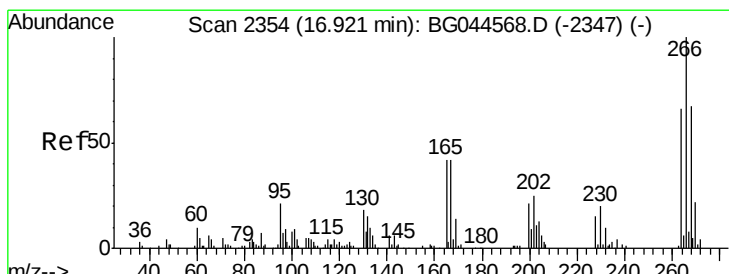
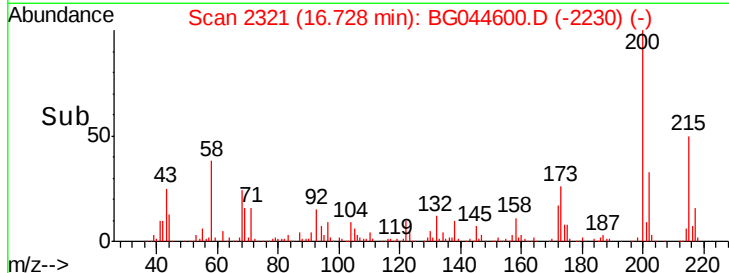
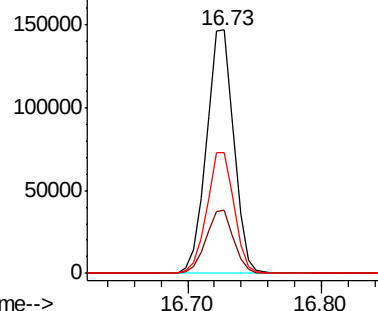
#69
 Atrazine
 Concen: 39.597 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	49.6	30.3	70.3

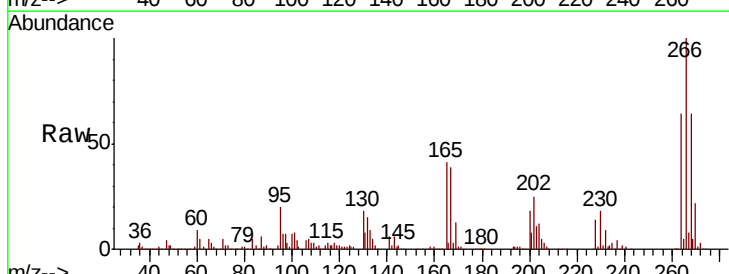


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

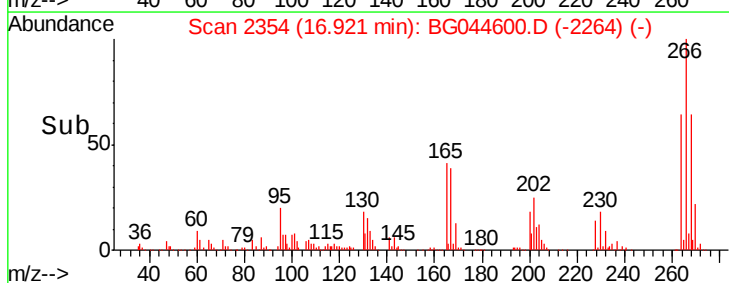
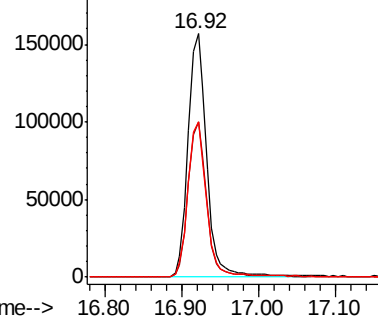


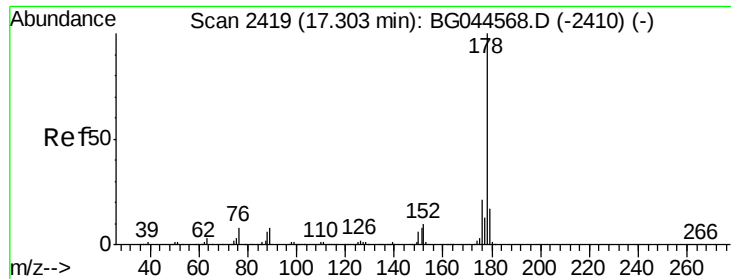
#70
 Pentachlorophenol
 Concen: 82.871 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	53.4	80.0
264	63.6	53.0	79.4



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

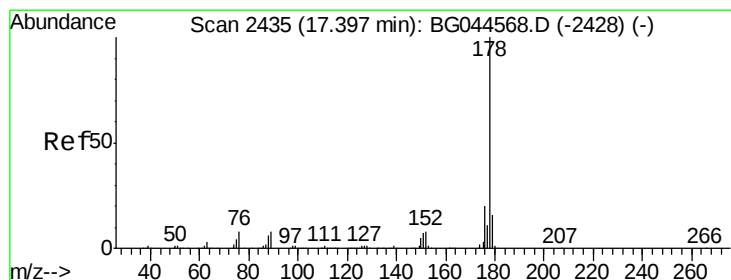
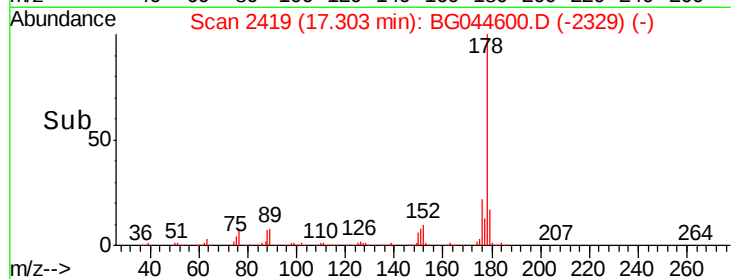
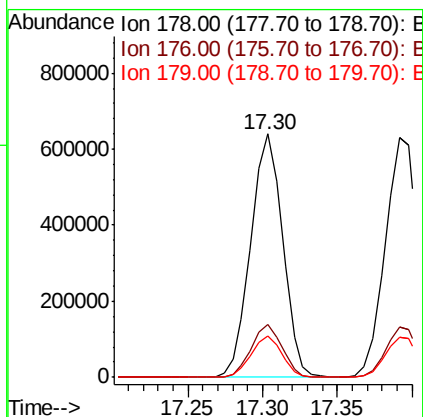
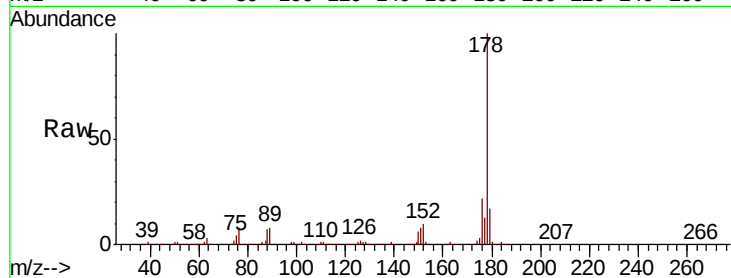




#71
Phenanthrene
Concen: 37.332 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

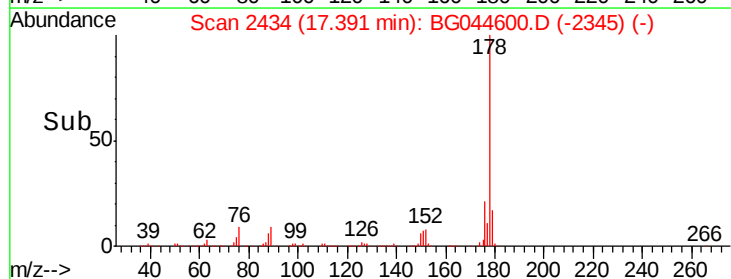
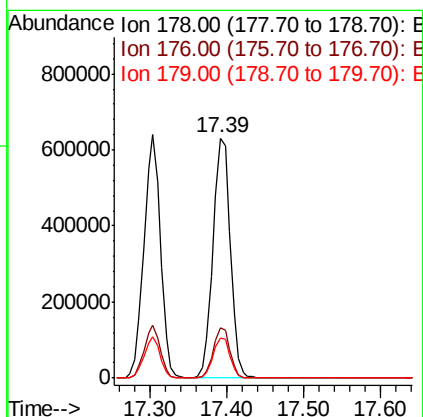
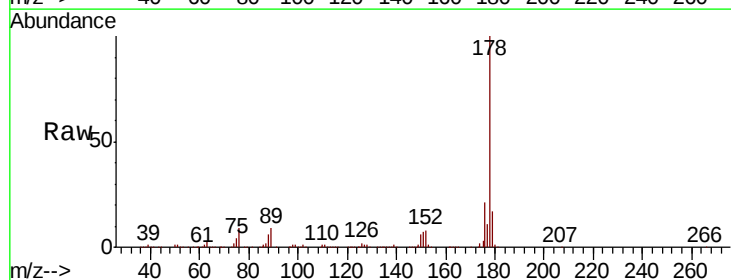
Instrument :
BNA_G
ClientSampleId :

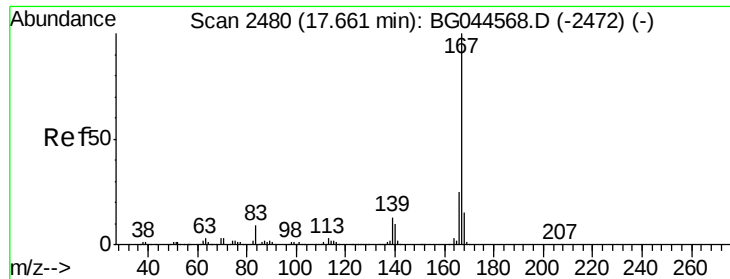
Tot Ion:178 Resp: 949711
Ion Ratio Lower Upper
178 100
176 21.5 16.6 25.0
179 17.1 13.3 19.9



#72
Anthracene
Concen: 38.735 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:178 Resp: 971084
Ion Ratio Lower Upper
178 100
176 20.8 15.9 23.9
179 16.9 13.1 19.7

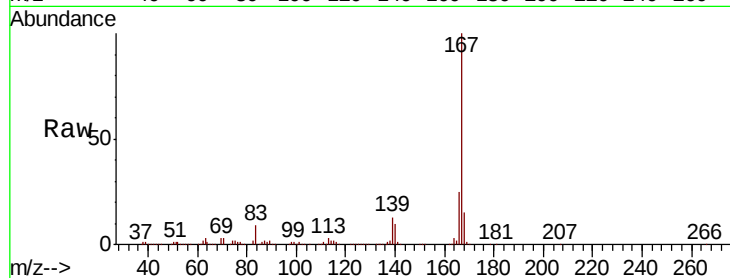




#73
 Carbazole
 Concen: 39.978 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.7	29.5
139	13.3	10.6	15.8

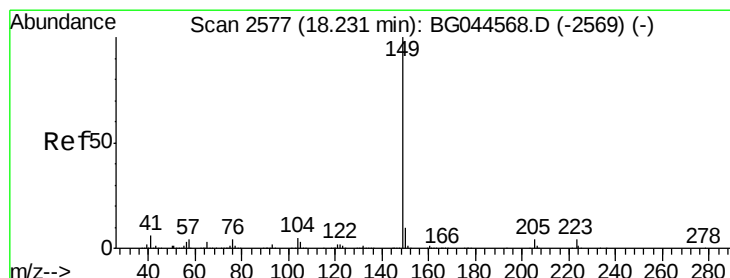
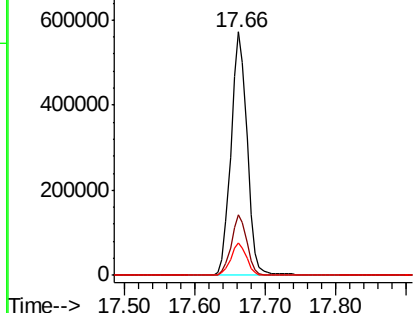
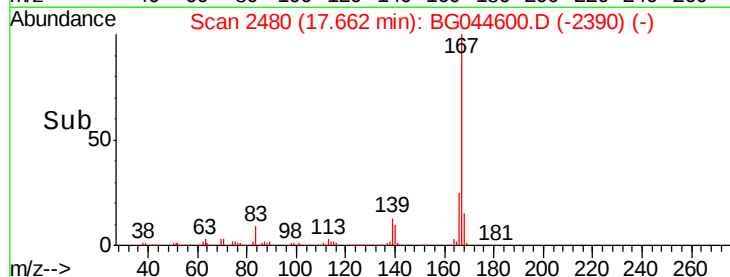


Abundance

Ion 167.00 (166.70 to 167.70): E

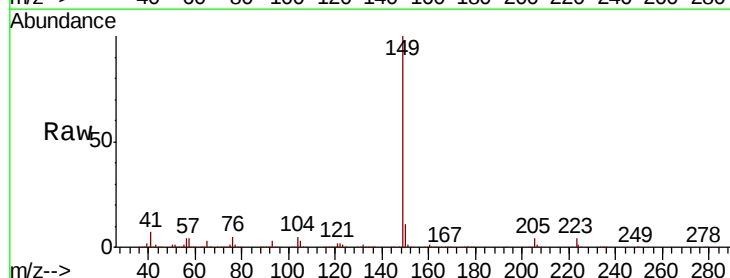
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.898 ng
 RT: 18.23 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.8	11.8
104	5.3	4.0	6.0

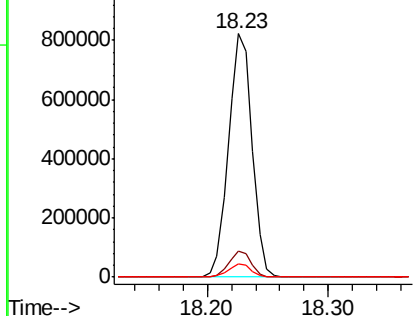
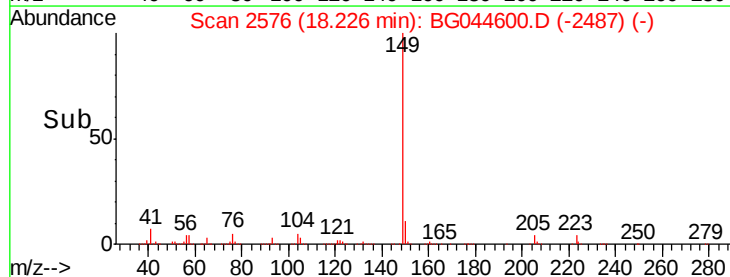


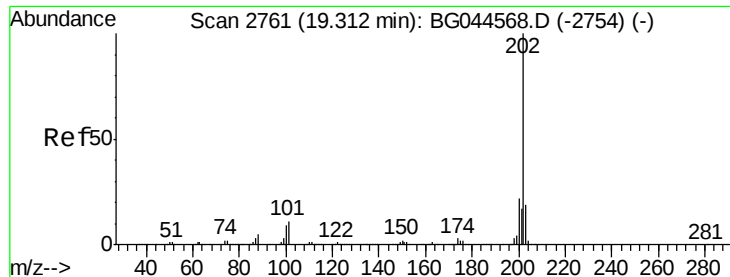
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.602 ng

RT: 19.31 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampled :

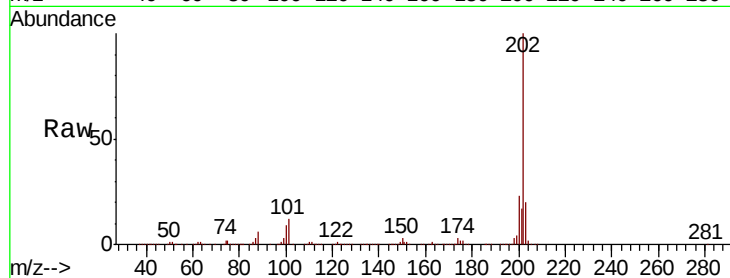
Tot Ion:202 Resp: 1192608

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.0

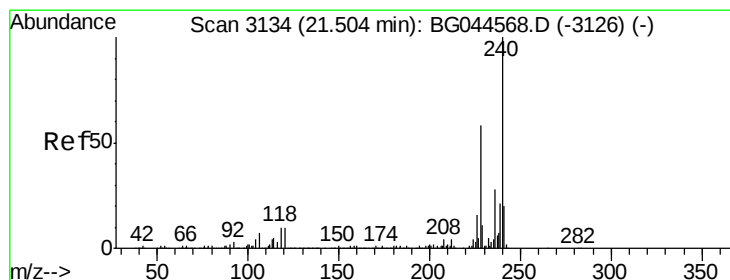
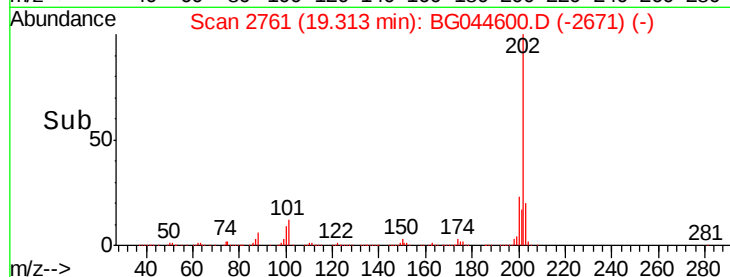
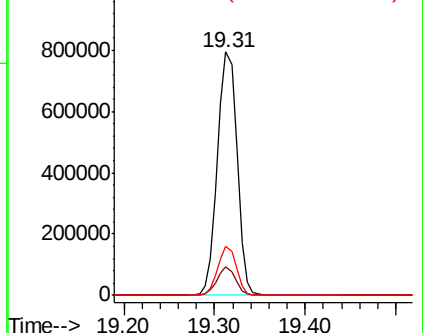
203 19.9 0.0 39.2



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: BG044600.D

Acq: 26 Feb 2020 12:34

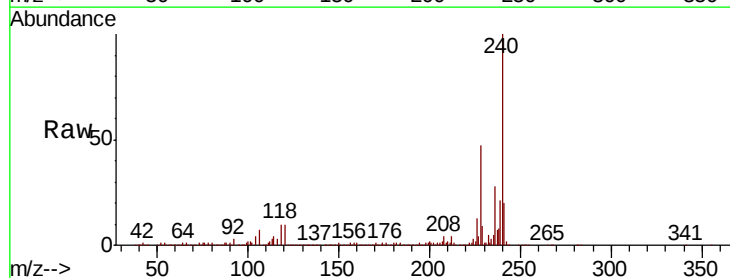
Tgt Ion:240 Resp: 436283

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

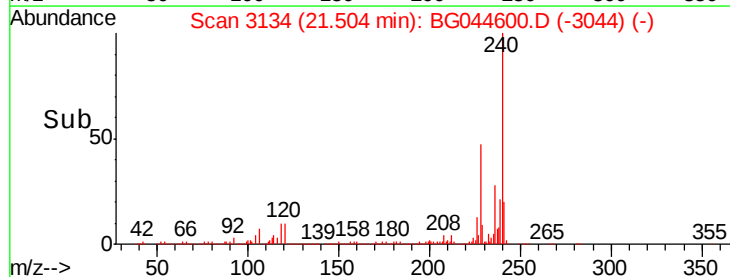
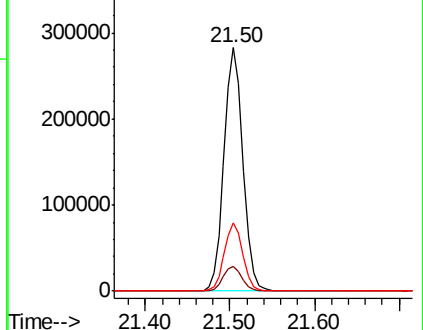
236 28.3 22.3 33.5

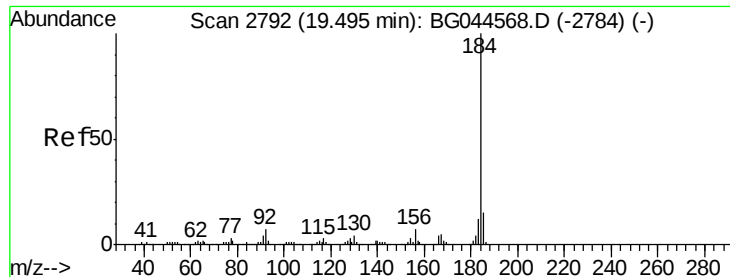


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.757 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

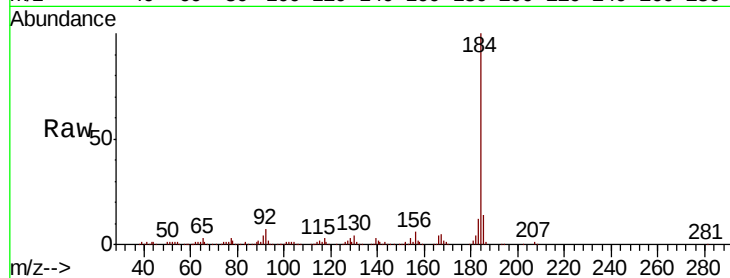
Tot Ion:184 Resp: 250429

Ion Ratio Lower Upper

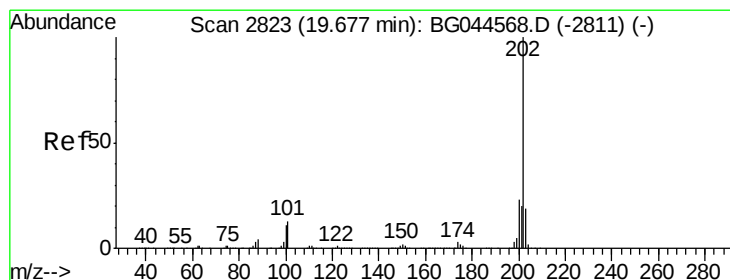
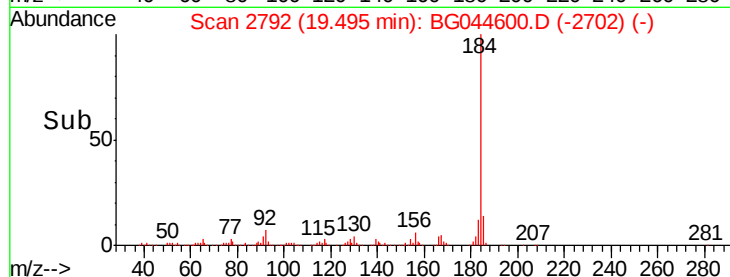
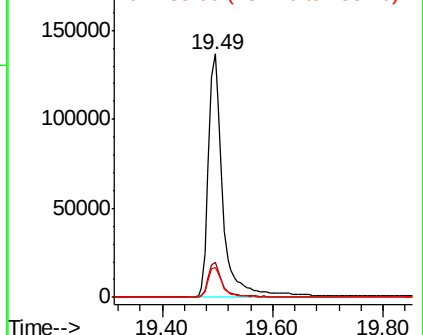
184 100

185 14.3 12.2 18.4

183 12.2 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: 37.913 ng

RT: 19.68 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

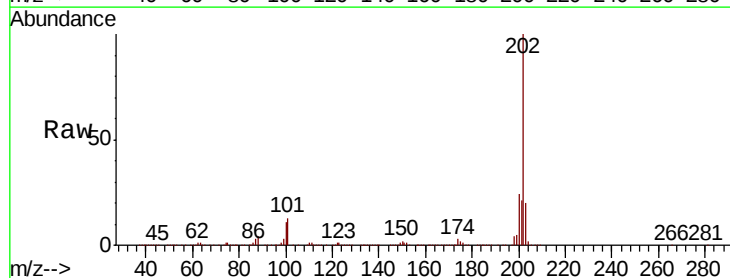
Tgt Ion:202 Resp: 1200712

Ion Ratio Lower Upper

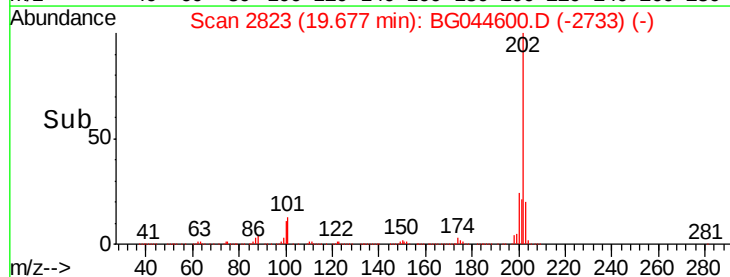
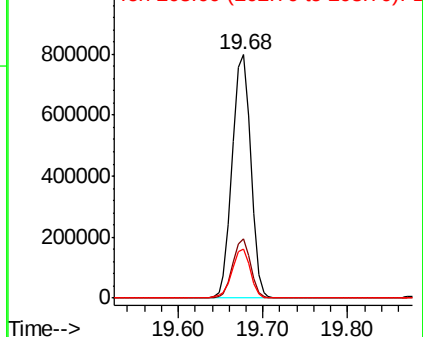
202 100

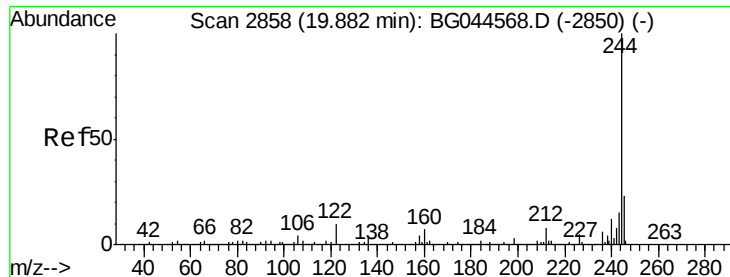
200 24.2 18.6 28.0

203 20.2 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: 63.918 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

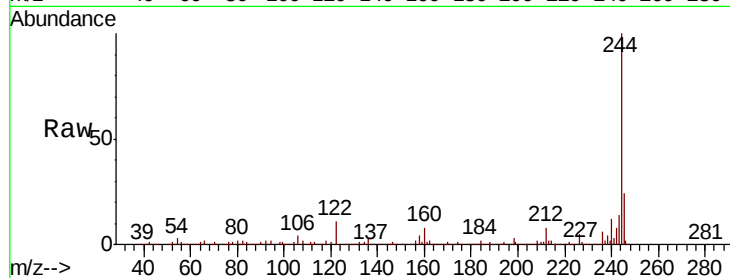
Tot Ion:244 Resp: 1473081

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

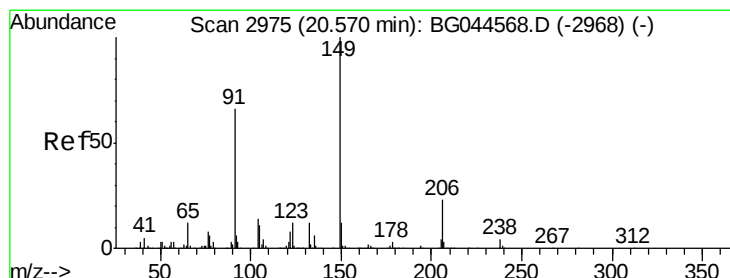
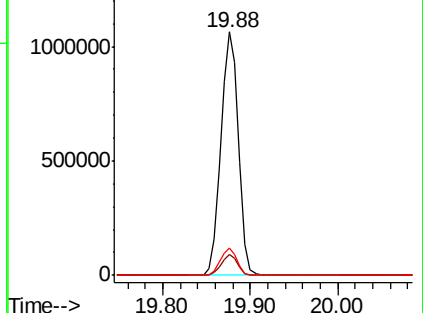
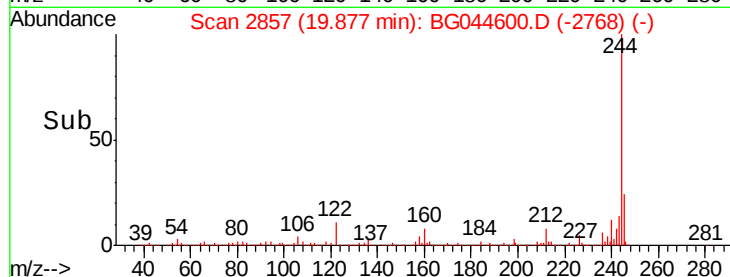
122 11.4 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.602 ng

RT: 20.56 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

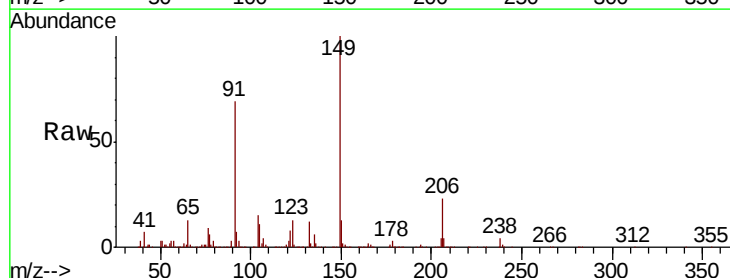
Tgt Ion:149 Resp: 520901

Ion Ratio Lower Upper

149 100

91 69.0 52.7 79.1

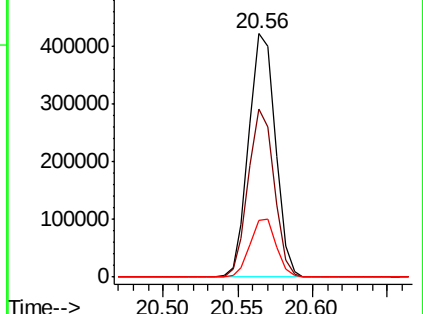
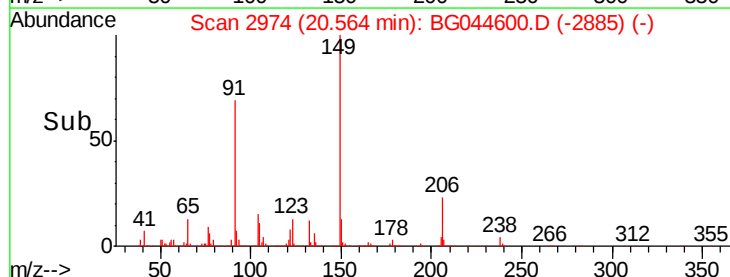
206 23.3 18.6 28.0

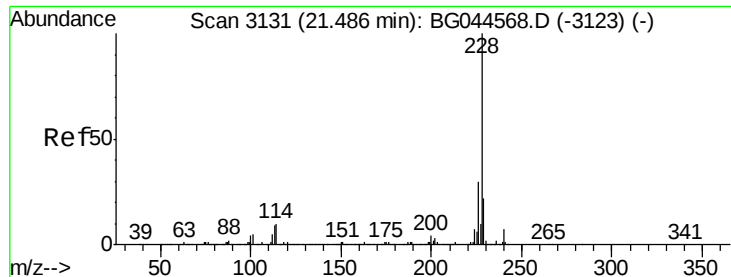


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

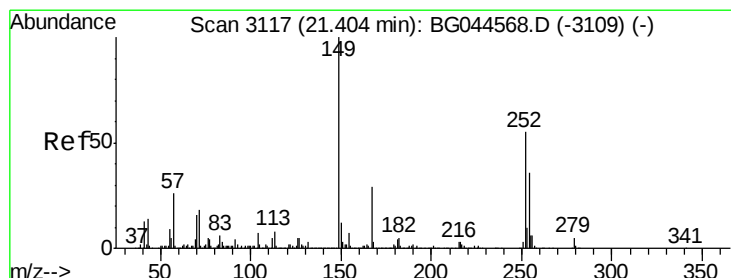
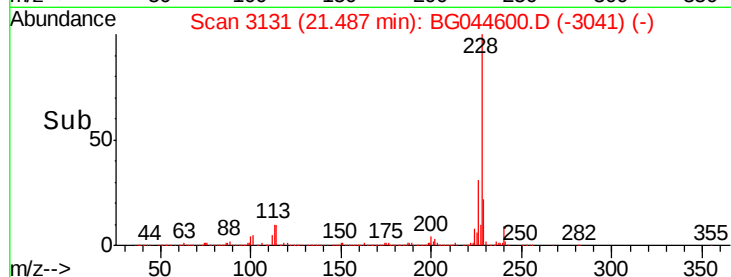
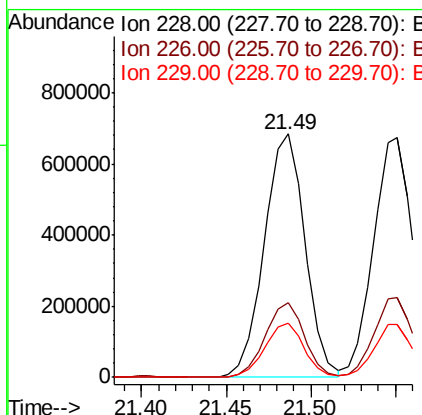
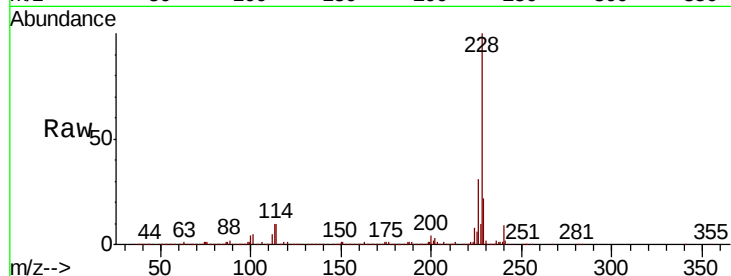




#81
Benzo(a)anthracene
Concen: 37.276 ng
RT: 21.49 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

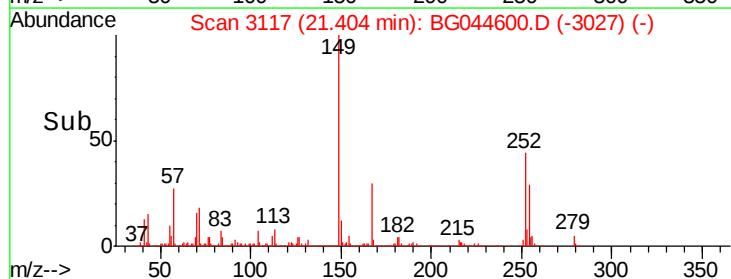
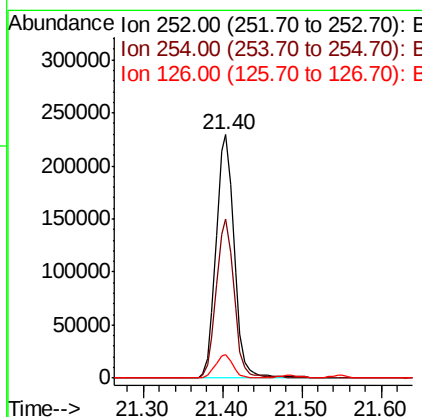
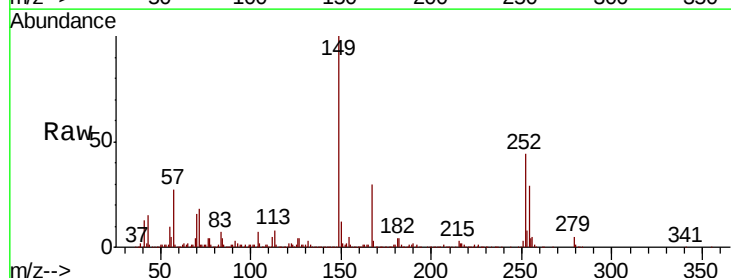
Instrument :
BNA_G
ClientSampled :

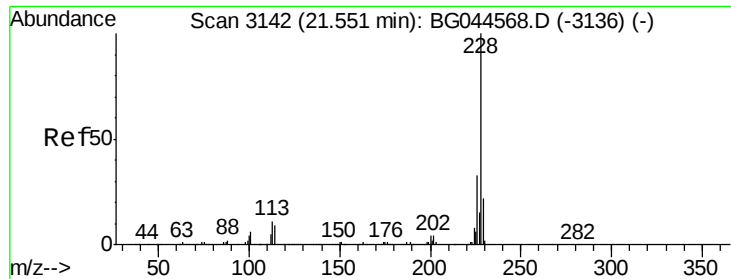
Tot Ion:228 Resp: 1143003
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 22.3 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 30.284 ng
RT: 21.40 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:252 Resp: 366859
Ion Ratio Lower Upper
252 100
254 65.6 51.5 77.3
126 9.8 7.8 11.6

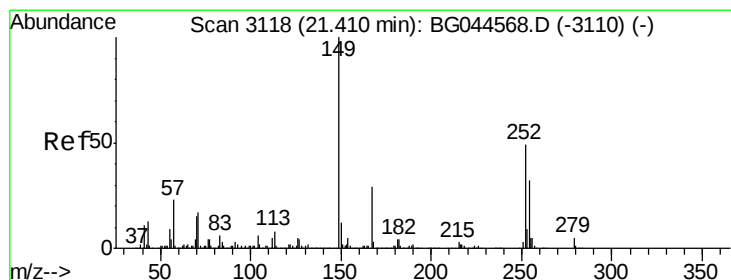
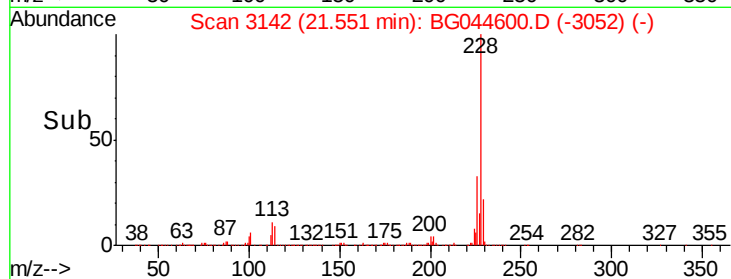
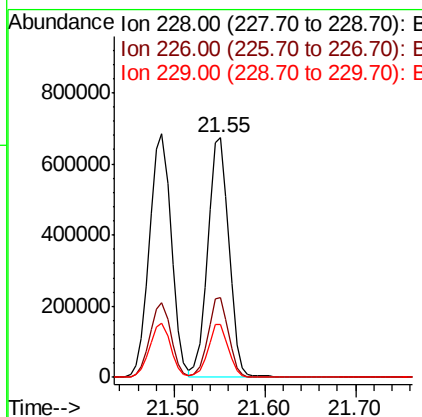
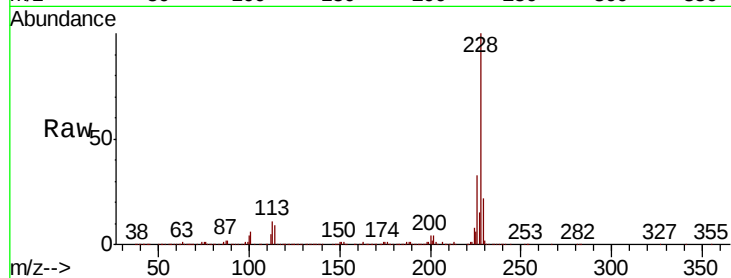




#83
 Chrvsene
 Concen: 36.937 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

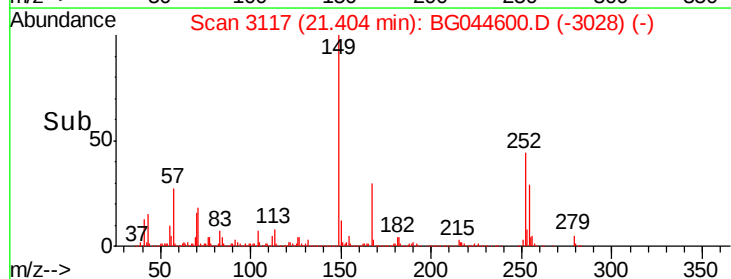
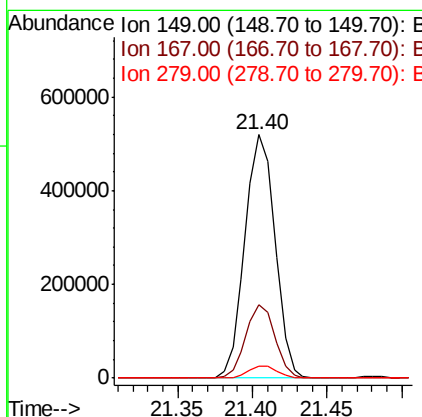
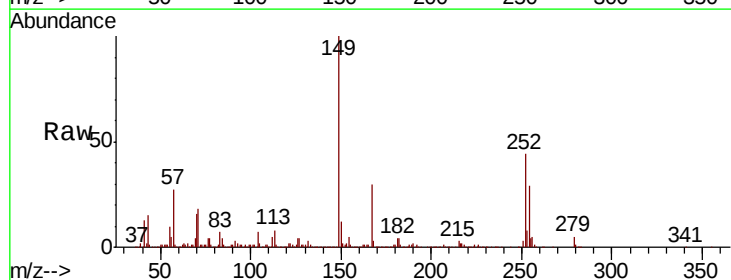
Instrument :
 BNA_G
 ClientSampleId :

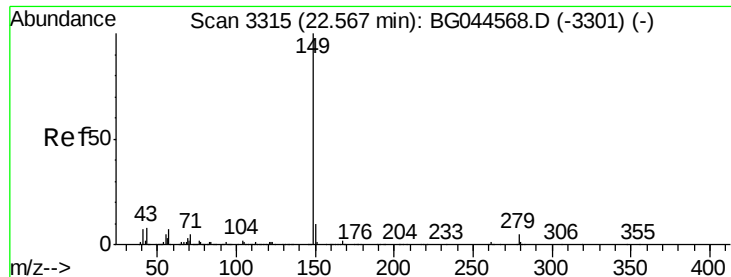
Tot Ion:228 Resp: 1095091
 Ion Ratio Lower Upper
 228 100
 226 33.4 26.1 39.1
 229 22.1 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.938 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044600.D
 Acq: 26 Feb 2020 12:34

Tgt Ion:149 Resp: 724162
 Ion Ratio Lower Upper
 149 100
 167 29.9 23.4 35.0
 279 5.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 38.213 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

Instrument :

BNA_G

ClientSampleId :

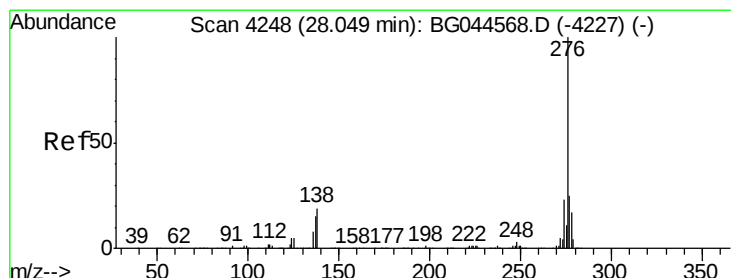
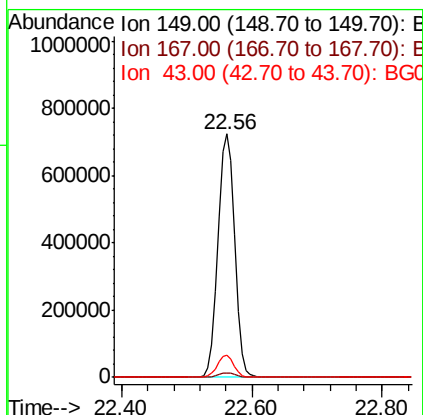
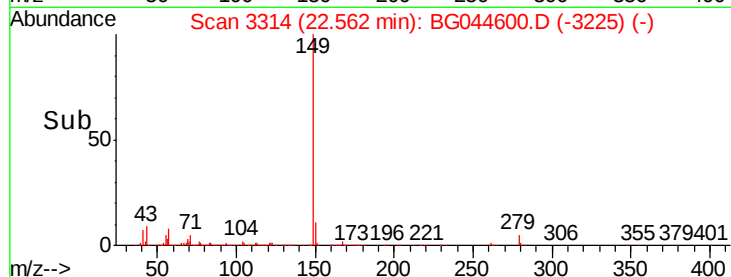
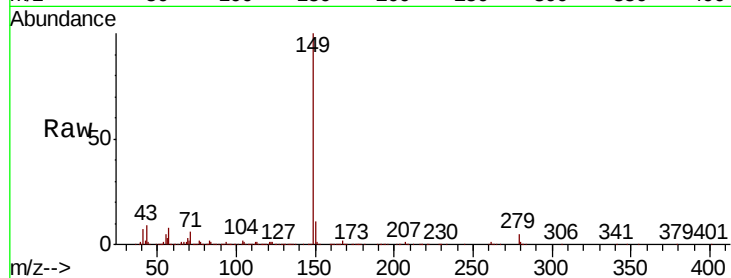
Tot Ion:149 Resp: 1283314

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.7 6.6 10.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.674 ng

RT: 28.05 min Scan# 4248

Delta R.T. 0.00 min

Lab File: BG044600.D

Acq: 26 Feb 2020 12:34

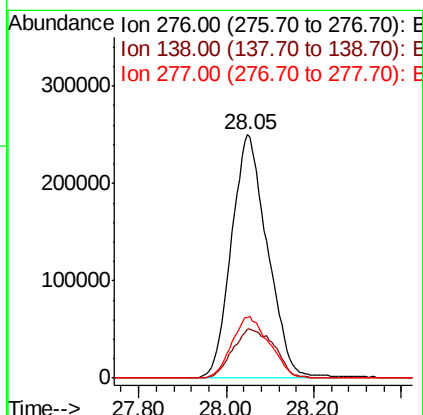
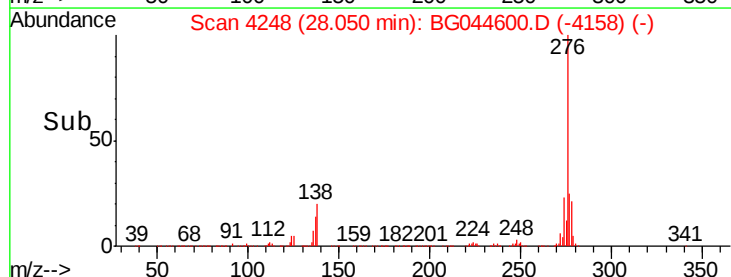
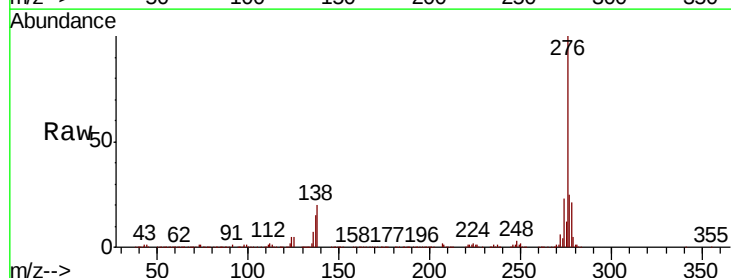
Tgt Ion:276 Resp: 1395369

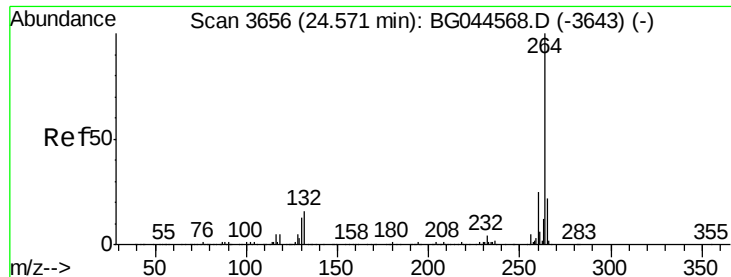
Ion Ratio Lower Upper

276 100

138 23.5 18.2 27.4

277 26.4 20.7 31.1

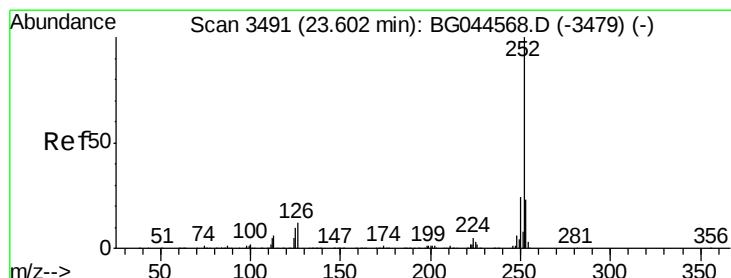
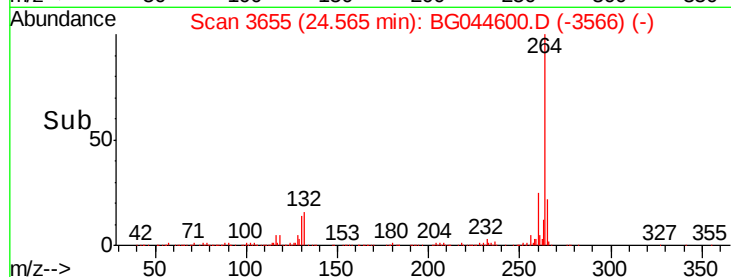
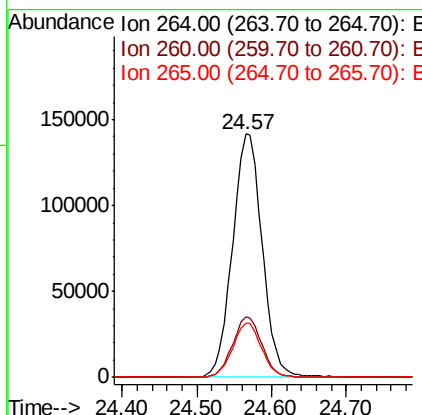
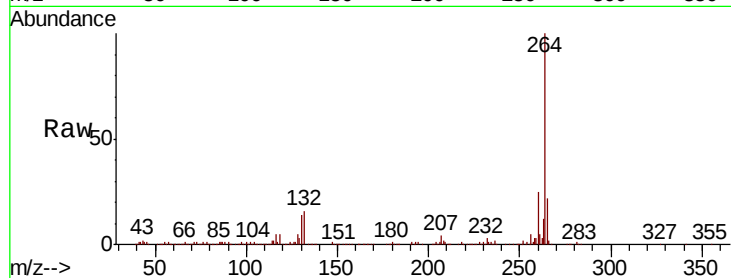




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

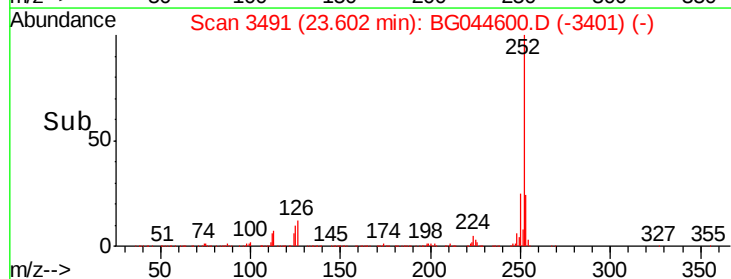
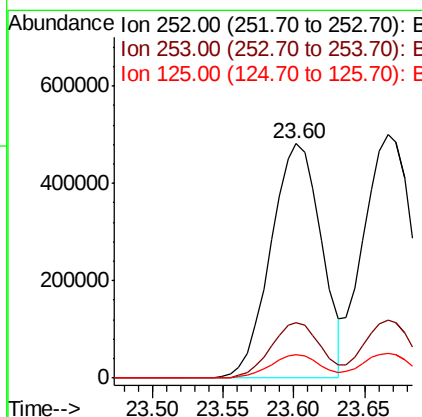
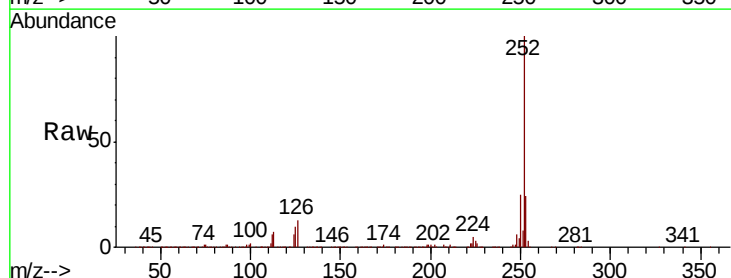
Instrument :
BNA_G
ClientSampleId :

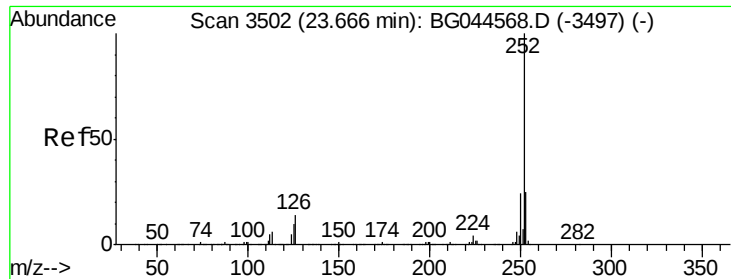
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.1	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 46.750 ng
RT: 23.60 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	10.2	7.9	11.9

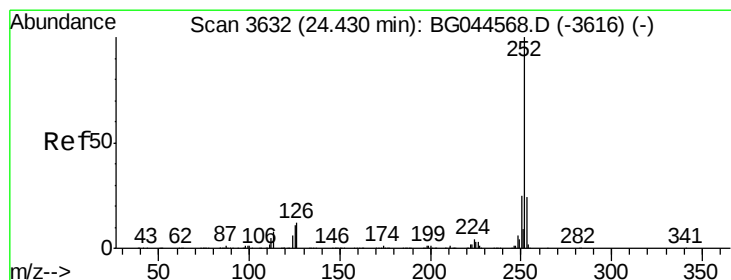
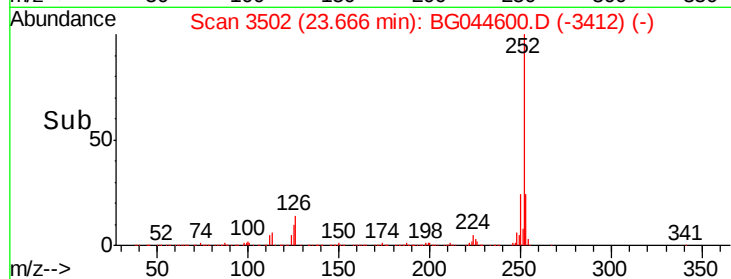
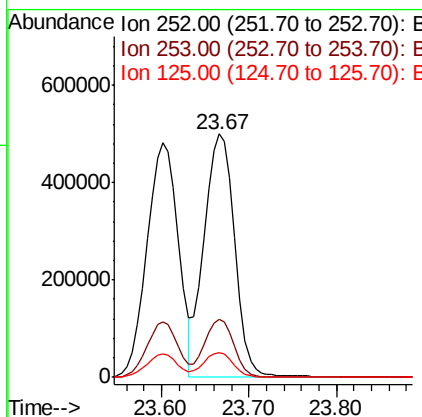
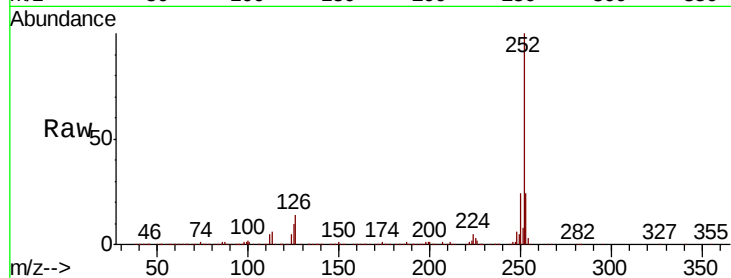




#89
Benzo(k)fluoranthene
Concen: 48.628 ng
RT: 23.67 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

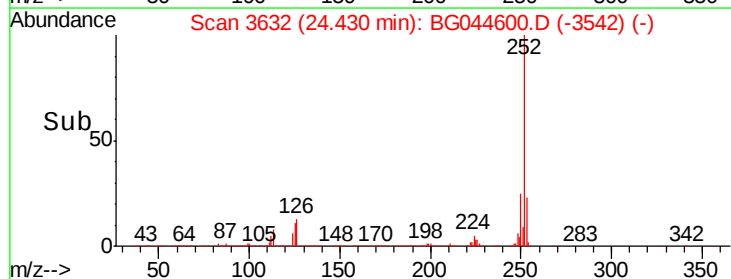
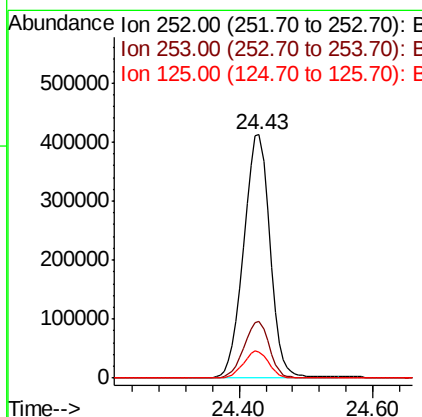
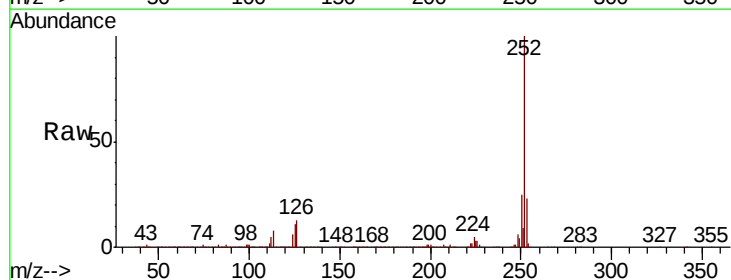
Instrument :
BNA_G
ClientSampleId :

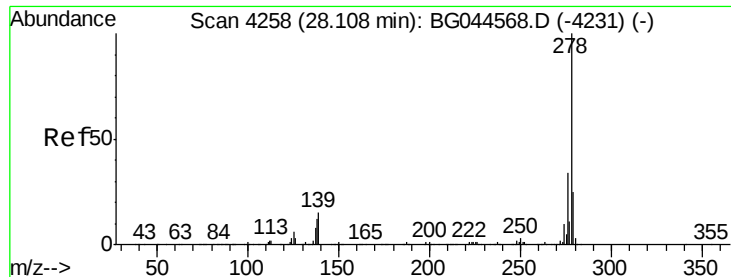
Tot Ion:252 Resp: 1211447
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.6
125 10.1 7.8 11.8



#90
Benzo(a)pyrene
Concen: 46.132 ng
RT: 24.43 min Scan# 3632
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:252 Resp: 1112885
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.4
125 10.9 8.5 12.7

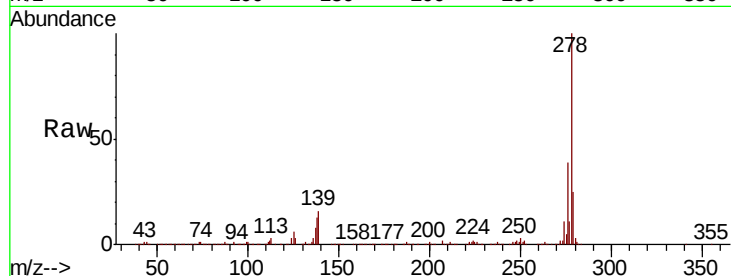




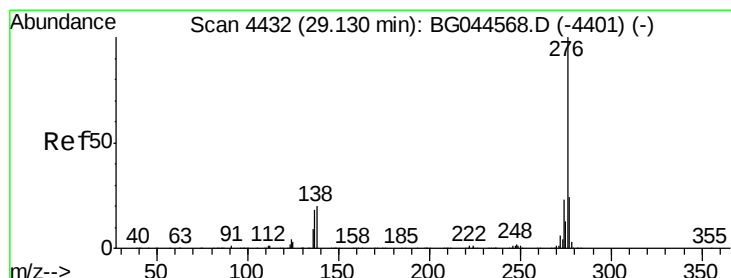
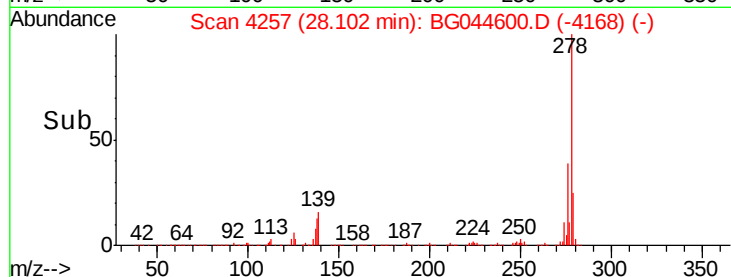
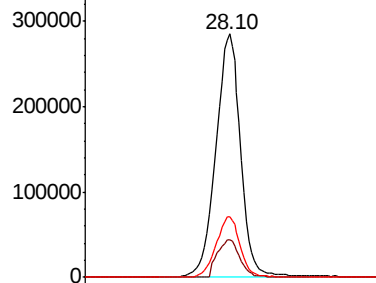
#91
Dibenzo(a,h)anthracene
Concen: 49.016 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.01 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1169423
Ion Ratio Lower Upper
278 100
139 15.6 11.7 17.5
279 24.7 19.8 29.6

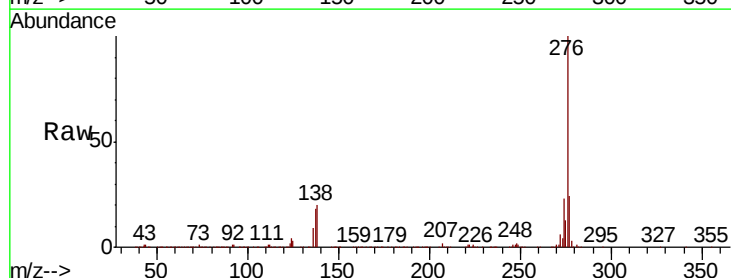


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.560 ng
RT: 29.13 min Scan# 4432
Delta R.T. 0.00 min
Lab File: BG044600.D
Acq: 26 Feb 2020 12:34

Tgt Ion:276 Resp: 1184654
Ion Ratio Lower Upper
276 100
277 24.4 19.5 29.3
138 19.5 16.1 24.1



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

