

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044567.D
 Acq On : 24 Feb 2020 11:55
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 14:20:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 14:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	56561	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	246039	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	165841	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	358564	20.00	ng	0.00
76) Chrysene-d12	21.50	240	326386	20.00	ng	0.00
87) Perylene-d12	24.57	264	375225	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	145856	45.51	ng	0.00
7) Phenol-d6	7.05	99	201107	46.73	ng	0.00
23) Nitrobenzene-d5	9.03	82	190448	43.70	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	89969	46.21	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	485042	48.98	ng	0.00
79) Terphenyl-d14	19.88	244	768308	48.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	32334	22.455	ng	98
3) Pyridine	3.73	79	90636	23.626	ng	98
4) n-Nitrosodimethylamine	3.65	42	32811	20.467	ng	98
6) Aniline	7.20	93	120730	22.600	ng	98
8) 2-Chlorophenol	7.44	128	80995	22.995	ng	96
9) Benzaldehyde	7.01	77	63231	25.797	ng	99
10) Phenol	7.07	94	96875	22.745	ng	95
11) bis(2-Chloroethyl)ether	7.29	93	80684	22.158	ng	99
12) 1,3-Dichlorobenzene	7.77	146	95105	22.615	ng	99
13) 1,4-Dichlorobenzene	7.91	146	96078	23.067	ng	99
14) 1,2-Dichlorobenzene	8.22	146	93008	23.624	ng	100
15) Benzyl Alcohol	8.11	79	65692	21.560	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.40	45	110271	22.374	ng	97
17) 2-Methylphenol	8.32	107	69033	22.717	ng	96
18) Hexachloroethane	8.96	117	34829	22.283	ng	92
19) n-Nitroso-di-n-propylamine	8.68	70	66626	23.229	ng	97
20) 3+4-Methylphenols	8.65	107	93354	22.291	ng	99
22) Acetophenone	8.69	105	122749	20.508	ng	98
24) Nitrobenzene	9.07	77	91129	21.419	ng	98
25) Isophorone	9.60	82	179920	22.150	ng	98
26) 2-Nitrophenol	9.79	139	48074	21.776	ng	97
27) 2,4-Dimethylphenol	9.86	122	68923	22.117	ng	95
28) bis(2-Chloroethoxy)methane	10.08	93	118108	21.796	ng	98
29) 2,4-Dichlorophenol	10.33	162	81289	21.573	ng	100
30) 1,2,4-Trichlorobenzene	10.54	180	95602	22.126	ng	99
31) Naphthalene	10.72	128	271676	22.759	ng	99
32) Benzoic acid	10.01	122	7984	4.803	ng	84
33) 4-Chloroaniline	10.83	127	115243	21.227	ng	98
34) Hexachlorobutadiene	11.02	225	59754	22.475	ng	95
35) Caprolactam	11.58	113	28742	20.822	ng	96
36) 4-Chloro-3-methylphenol	11.97	107	86011	21.771	ng	97
37) 2-Methylnaphthalene	12.34	142	200381	22.609	ng	97
38) 1-Methylnaphthalene	12.55	142	193210	23.123	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	108435	21.858	ng	99

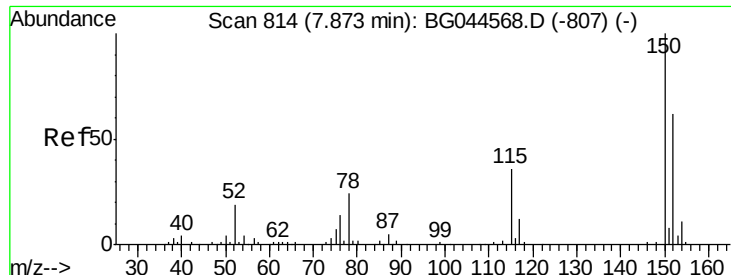
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044567.D
 Acq On : 24 Feb 2020 11:55
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 14:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	32632	13.709	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	68022	21.213	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	70477	21.518	ng	97
46) 1,1'-Biphenyl	13.35	154	274888	22.980	ng	99
47) 2-Chloronaphthalene	13.39	162	214183	22.501	ng	99
48) 2-Nitroaniline	13.59	65	56813	20.224	ng	96
49) Acenaphthylene	14.23	152	318394	22.805	ng	99
50) Dimethylphthalate	13.97	163	269608	22.616	ng	98
51) 2,6-Dinitrotoluene	14.08	165	57890	21.779	ng	98
52) Acenaphthene	14.58	154	202727	22.402	ng	99
53) 3-Nitroaniline	14.42	138	60654	20.626	ng	99
54) 2,4-Dinitrophenol	14.63	184	20915	15.850	ng	95
55) Dibenzofuran	14.92	168	316945	23.132	ng	99
56) 4-Nitrophenol	14.75	139	37657	17.482	ng	98
57) 2,4-Dinitrotoluene	14.88	165	80375	21.575	ng	99
58) Fluorene	15.56	166	250892	23.248	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	64422	21.776	ng	98
60) Diethylphthalate	15.34	149	268502	22.604	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	132712	22.680	ng	100
62) 4-Nitroaniline	15.58	138	62103	21.135	ng	99
63) Azobenzene	15.85	77	228411	21.940	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	38419	19.411	ng	98
66) n-Nitrosodiphenylamine	15.77	169	224461	22.338	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	86871	22.237	ng	97
68) Hexachlorobenzene	16.58	284	98716	22.555	ng	97
69) Atrazine	16.72	200	82920	24.076	ng	98
70) Pentachlorophenol	16.93	266	30922	15.247	ng	98
71) Phenanthrene	17.30	178	412781	23.774	ng	99
72) Anthracene	17.40	178	400991	23.360	ng	99
73) Carbazole	17.67	167	364293	23.020	ng	98
74) Di-n-butylphthalate	18.23	149	463685	23.711	ng	100
75) Fluoranthene	19.32	202	489317	24.362	ng	98
77) Benzidine	19.50	184	213933	23.631	ng	99
78) Pyrene	19.67	202	502403	23.969	ng	97
80) Butylbenzylphthalate	20.57	149	207747	21.749	ng	98
81) Benzo(a)anthracene	21.48	228	474968	23.612	ng	97
82) 3,3'-Dichlorobenzidine	21.41	252	180468	23.116	ng	99
83) Chrysene	21.55	228	452541	23.275	ng	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	298179	22.680	ng	98
85) Di-n-octyl phthalate	22.57	149	509738	22.408	ng	100
86) Indeno(1,2,3-cd)pyrene	28.04	276	548817	21.635	ng	100
88) Benzo(b)fluoranthene	23.61	252	490725	22.696	ng	98
89) Benzo(k)fluoranthene	23.66	252	480907	22.821	ng	97
90) Benzo(a)pyrene	24.43	252	457198	22.364	ng	98
91) Dibenzo(a,h)anthracene	28.09	278	446508	22.069	ng	98
92) Benzo(g,h,i)perylene	29.12	276	449941	22.215	ng	98

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

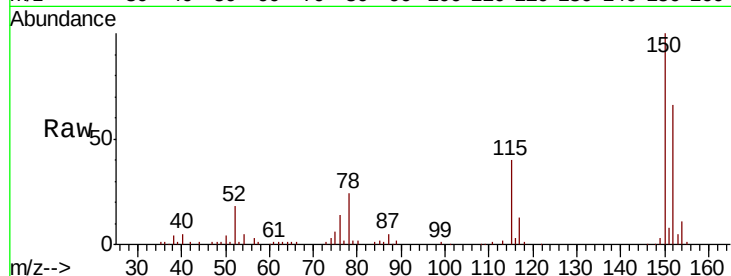


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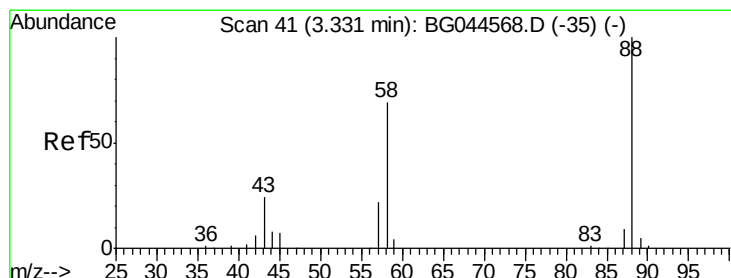
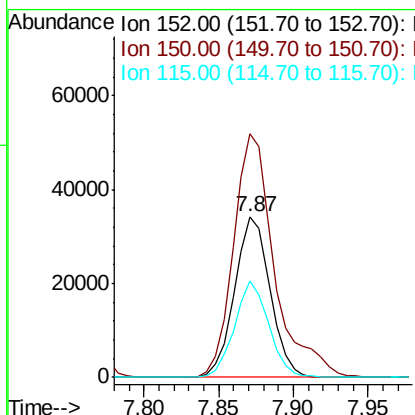
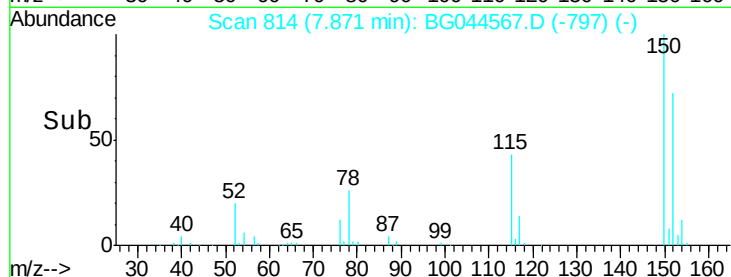
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56561
Ion Ratio Lower Upper
152 100
150 151.2 128.9 193.3
115 59.7 47.0 70.4



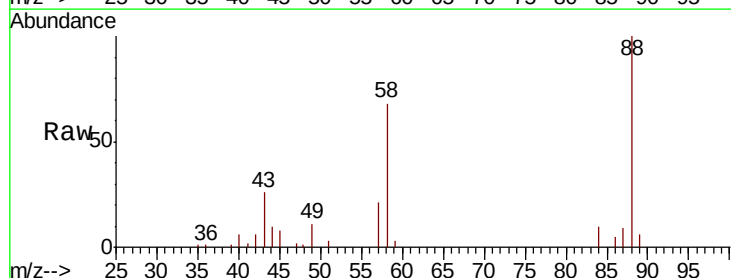
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



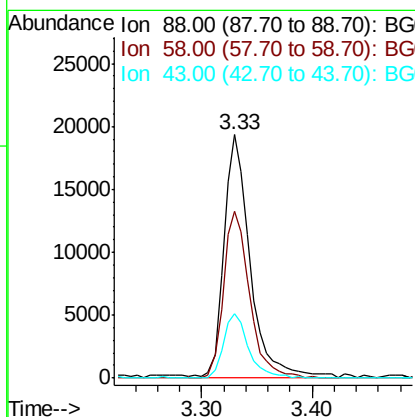
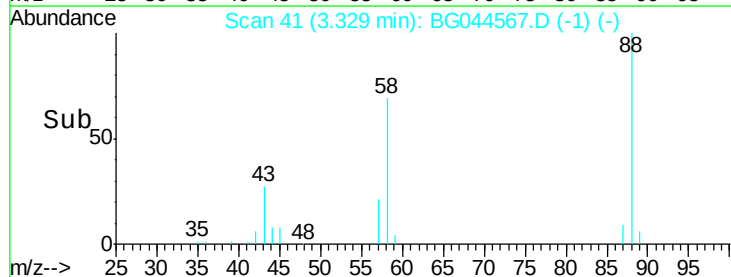
#2

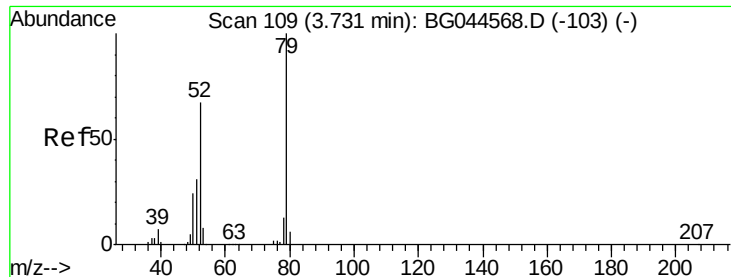
1,4-Dioxane
Concen: 22.455 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion: 88 Resp: 32334
Ion Ratio Lower Upper
88 100
58 67.4 55.8 83.8
43 25.1 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: 23.626 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampleId :

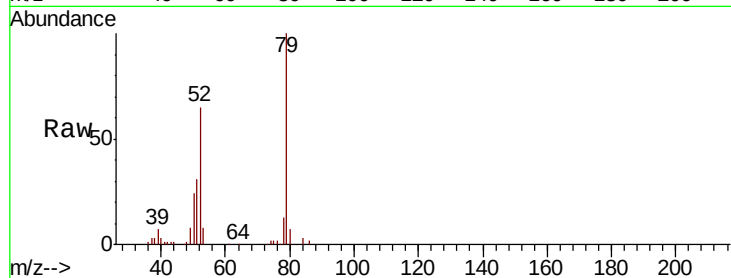
Tot Ion: 79 Resp: 90636

Ion Ratio Lower Upper

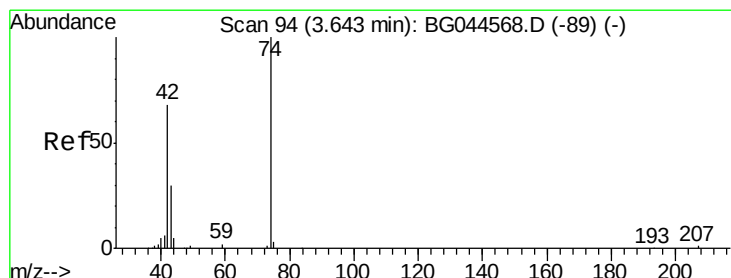
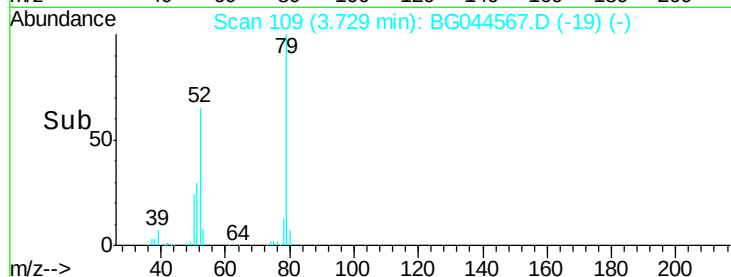
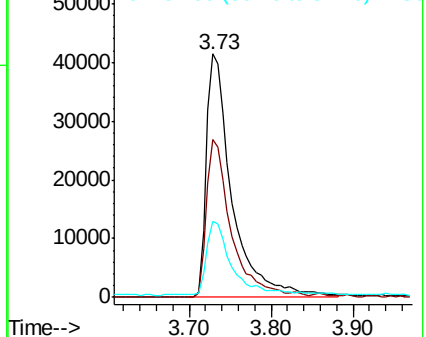
79 100

52 64.7 53.7 80.5

51 31.4 25.4 38.0



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



#4

n-Nitrosodimethylamine

Concen: 20.467 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

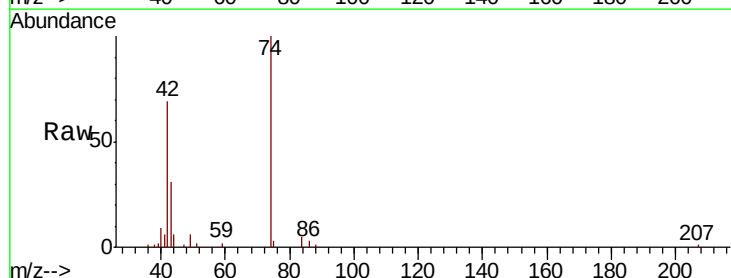
Tgt Ion: 42 Resp: 32811

Ion Ratio Lower Upper

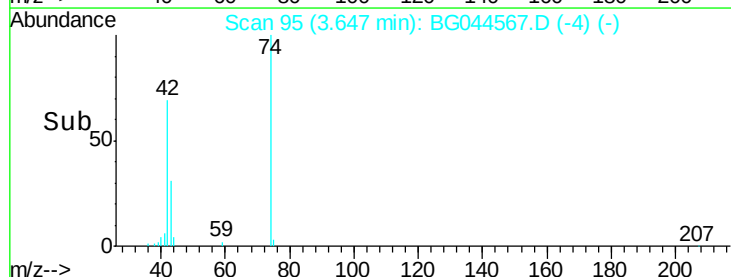
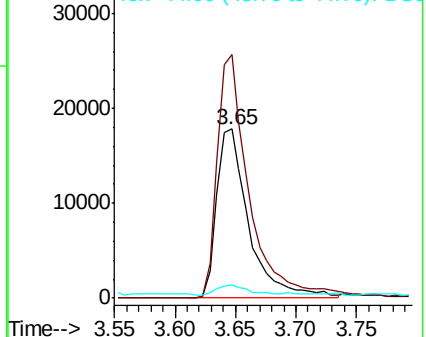
42 100

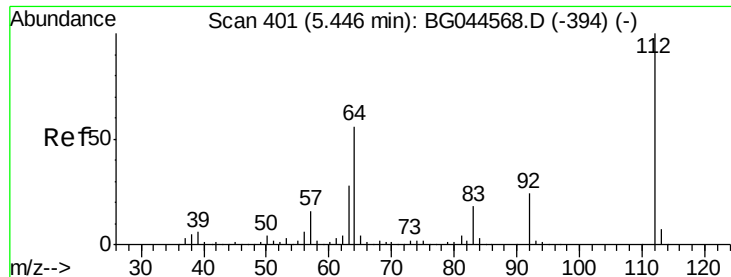
74 144.2 117.6 176.4

44 8.1 6.3 9.5



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





#5

2-Fluorophenol

Concen: 45.511 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampled :

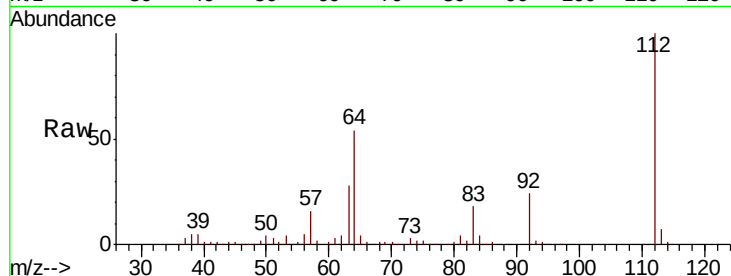
Tot Ion: 112 Resp: 145856

Ion Ratio Lower Upper

112 100

64 54.1 44.8 67.2

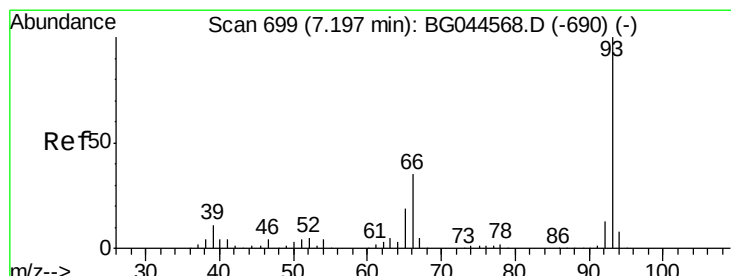
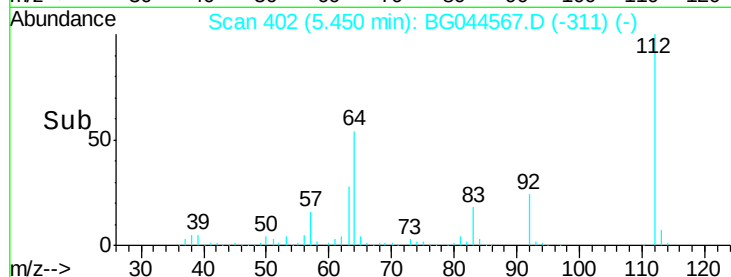
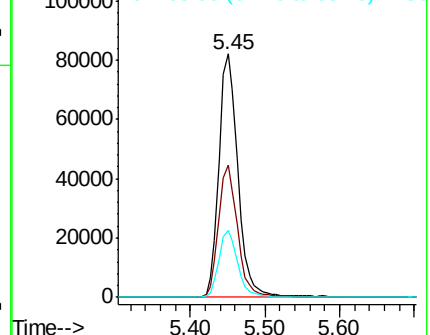
63 27.5 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.600 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

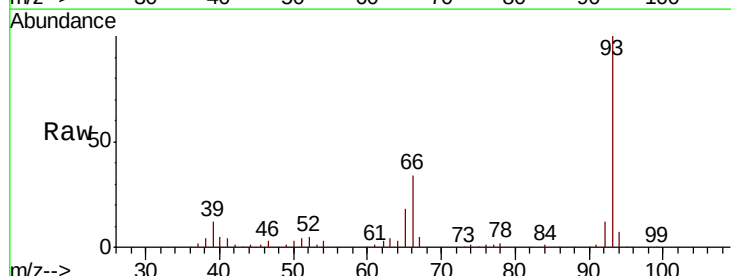
Tgt Ion: 93 Resp: 120730

Ion Ratio Lower Upper

93 100

66 34.0 27.8 41.8

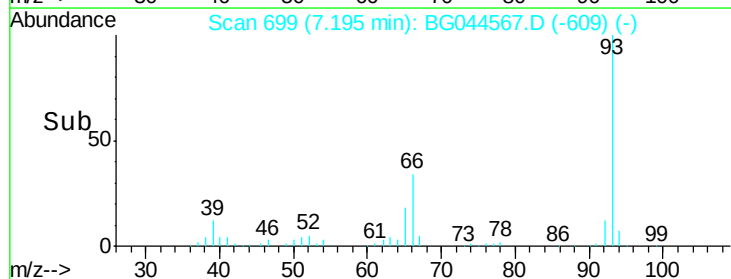
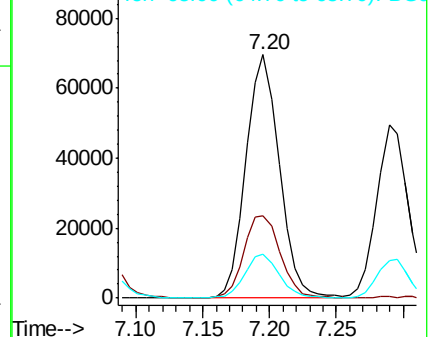
65 17.8 14.9 22.3

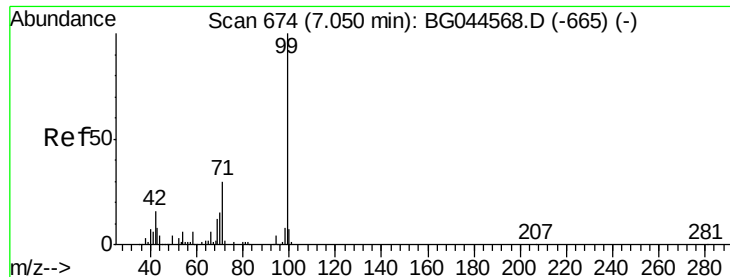


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 46.729 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampled :

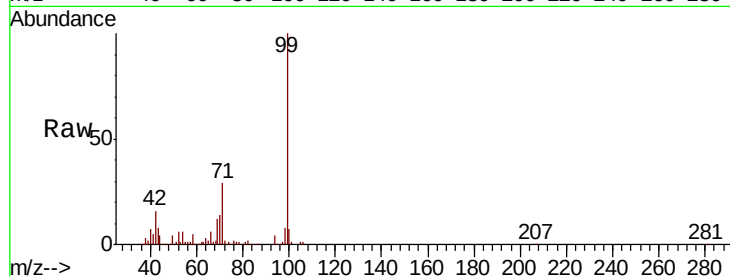
Tot Ion: 99 Resp: 201107

Ion Ratio Lower Upper

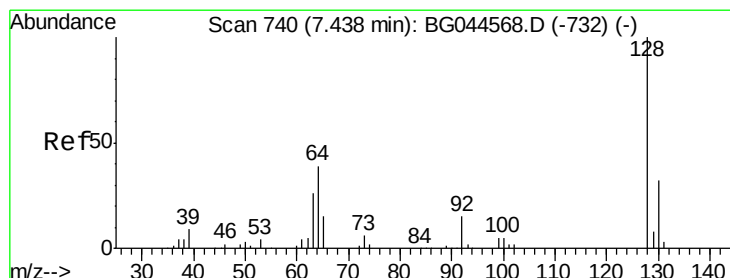
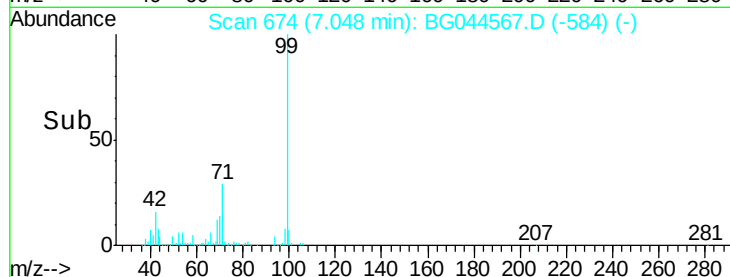
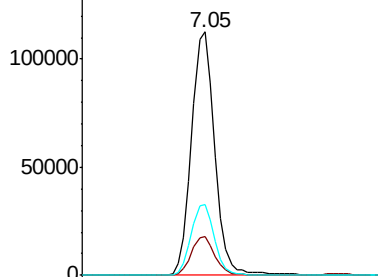
99 100

42 16.1 12.8 19.2

71 28.8 24.4 36.6



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



#8

2-Chlorophenol

Concen: 22.995 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

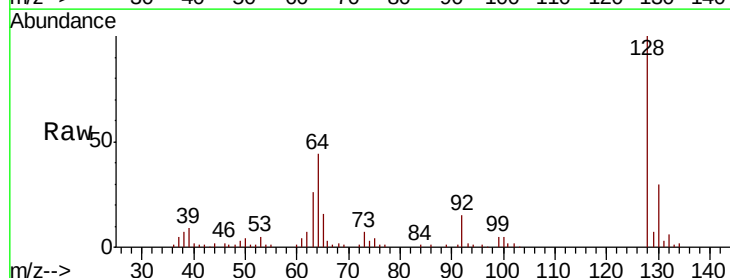
Tgt Ion: 128 Resp: 80995

Ion Ratio Lower Upper

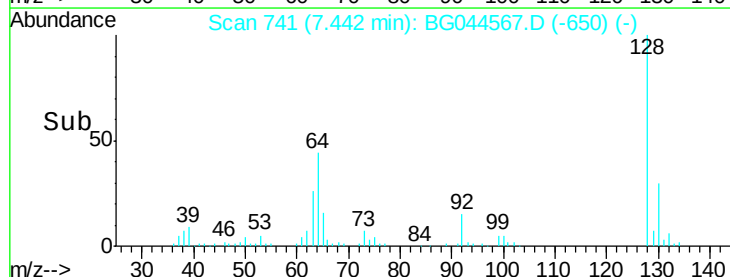
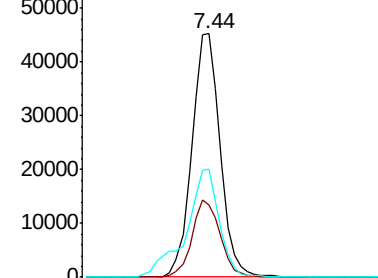
128 100

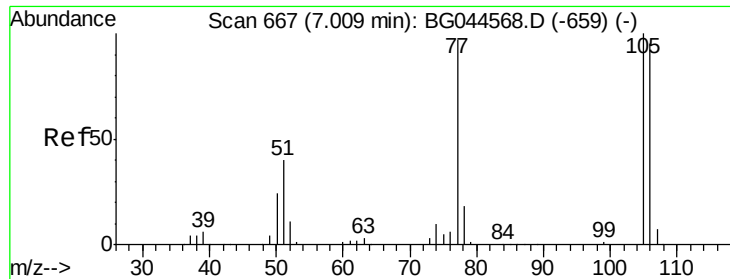
130 29.5 12.3 52.3

64 44.2 22.5 62.5



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

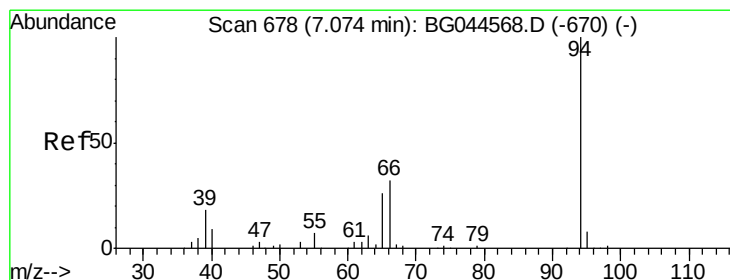
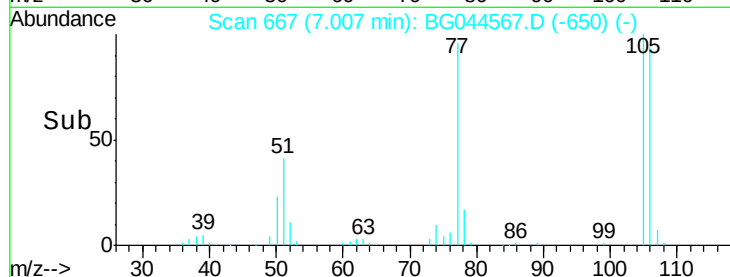
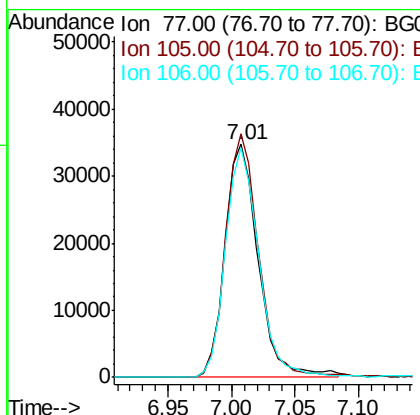
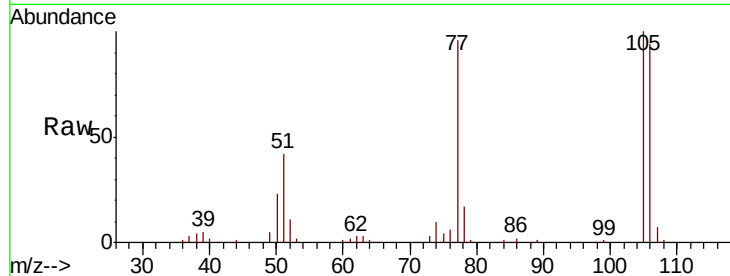




#9
Benzaldehyde
Concen: 25.797 ng
RT: 7.01 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

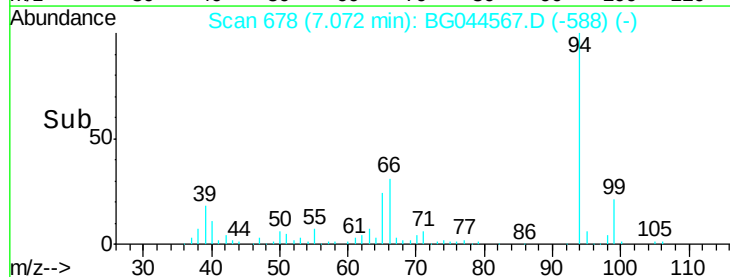
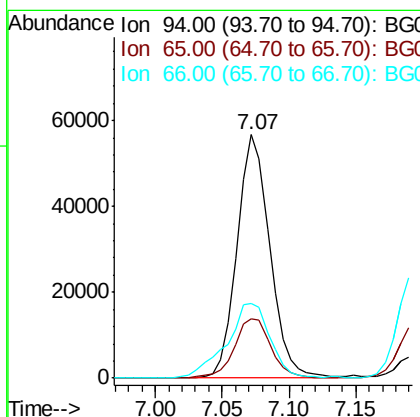
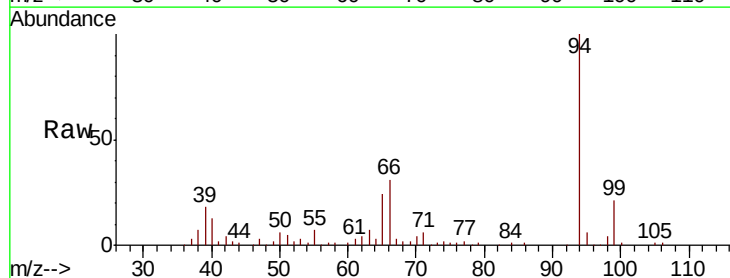
Instrument :
BNA_G
ClientSampled :

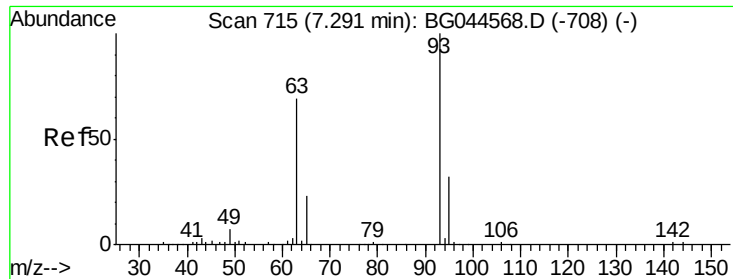
Tot Ion: 77 Resp: 63231
Ion Ratio Lower Upper
77 100
105 104.6 83.6 123.6
106 98.7 78.2 118.2



#10
Phenol
Concen: 22.745 ng
RT: 7.07 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion: 94 Resp: 96875
Ion Ratio Lower Upper
94 100
65 24.3 6.4 46.4
66 30.8 13.9 53.9

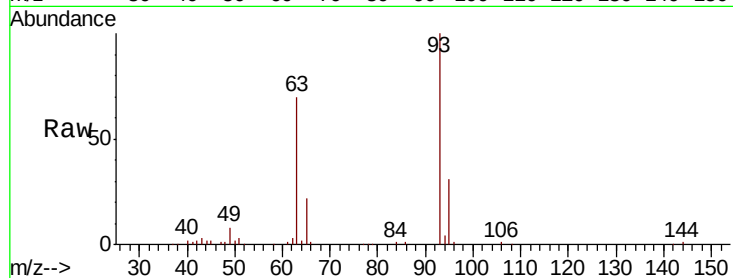




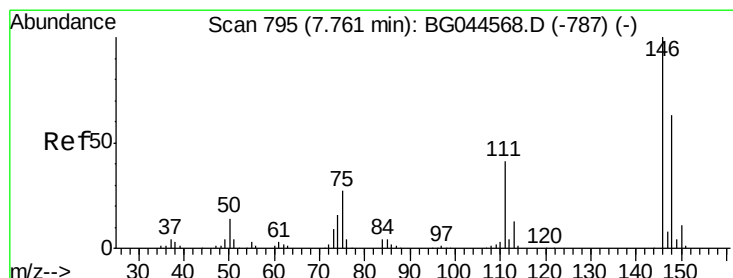
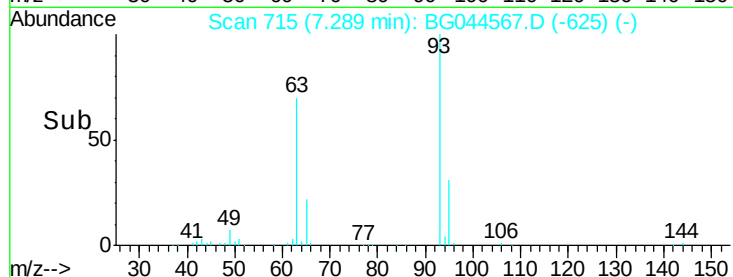
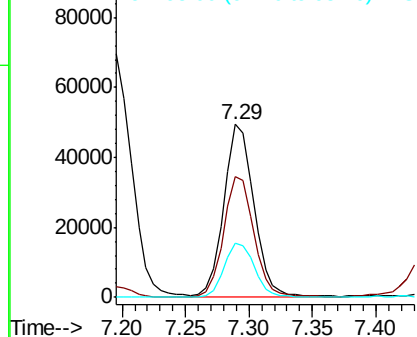
#11
bis(2-Chloroethyl)ether
Concen: 22.158 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 80684
Ion Ratio Lower Upper
93 100
63 70.1 48.9 88.9
95 31.3 11.3 51.3

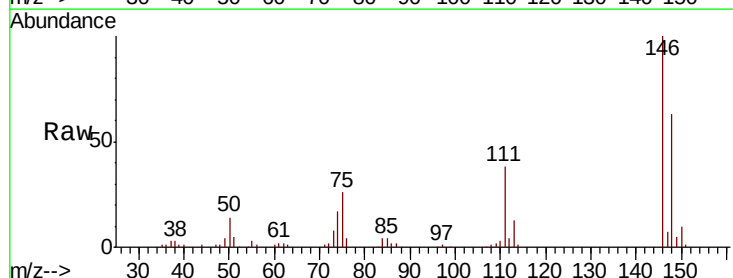


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

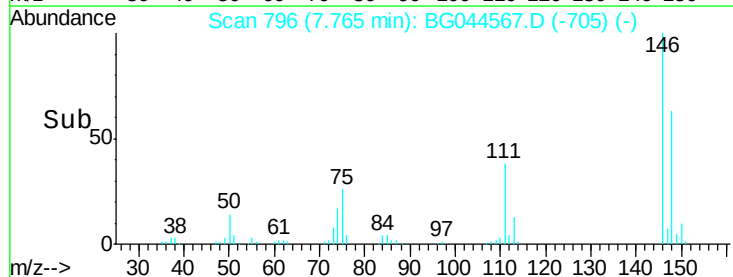
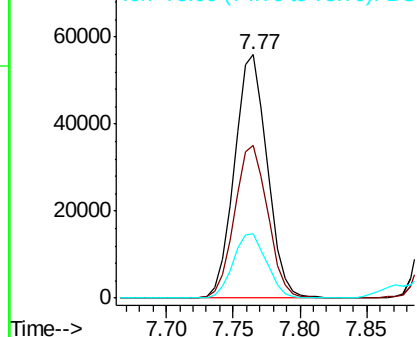


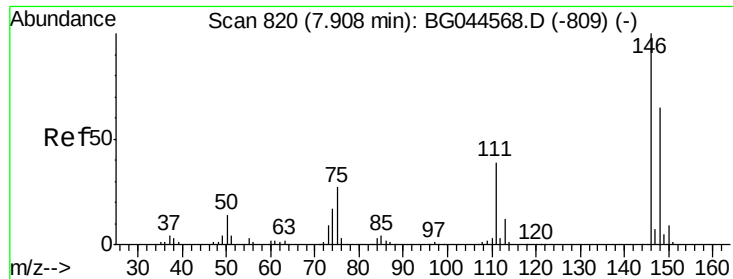
#12
1,3-Dichlorobenzene
Concen: 22.615 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion: 146 Resp: 95105
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 26.3 21.4 32.0



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

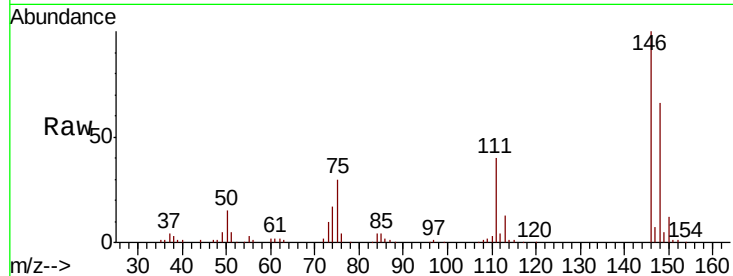




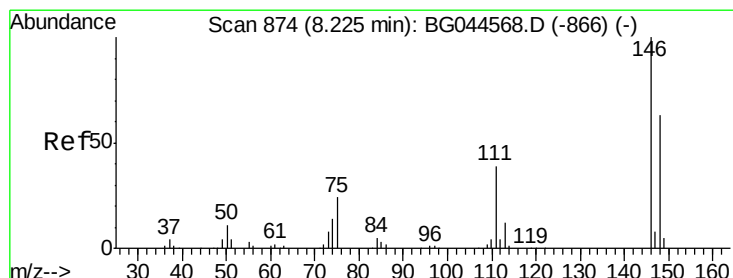
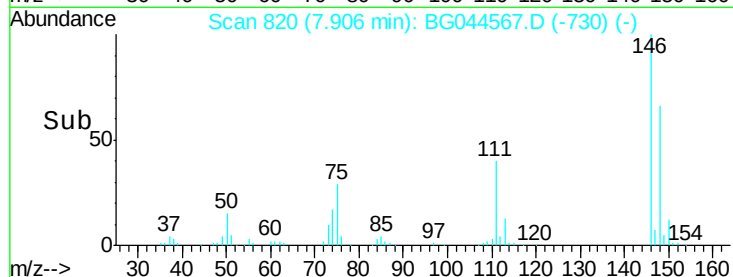
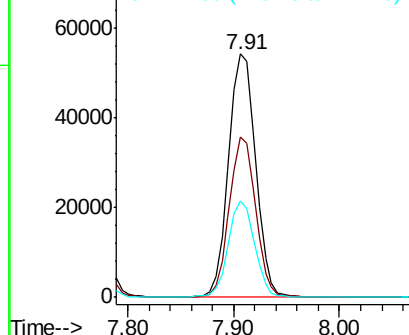
#13
 1,4-Dichlorobenzene
 Concen: 23.067 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 96078
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.9 77.9
 111 39.6 30.8 46.2

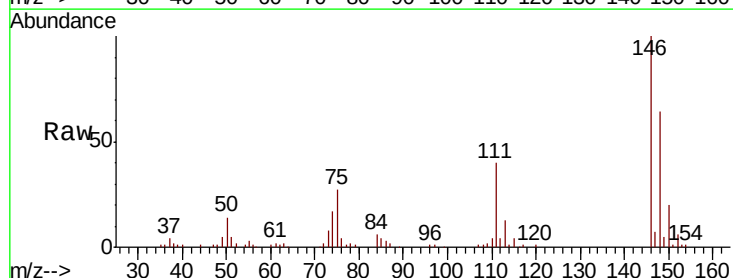


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

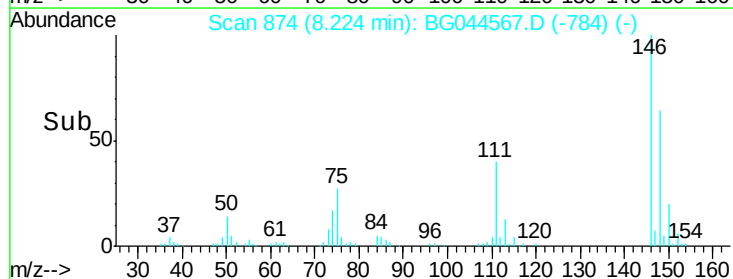
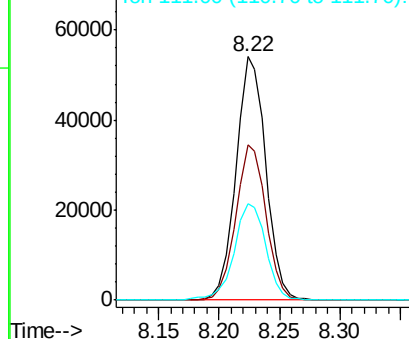


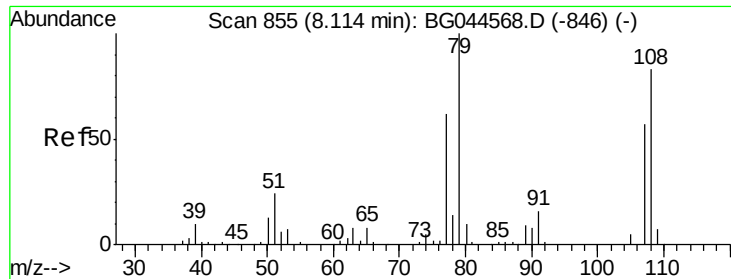
#14
 1,2-Dichlorobenzene
 Concen: 23.624 ng
 RT: 8.22 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion:146 Resp: 93008
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.7 76.1
 111 39.7 31.8 47.6



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





#15

Benzyl Alcohol

Concen: 21.560 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampled :

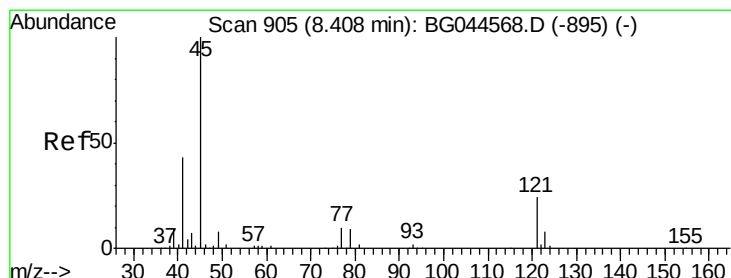
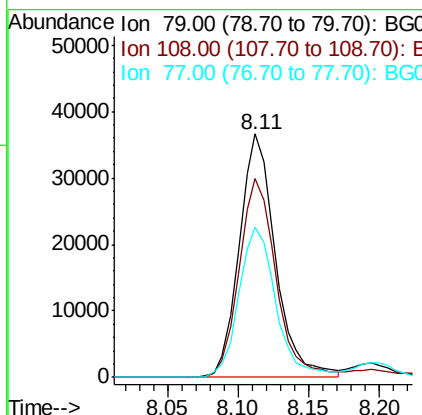
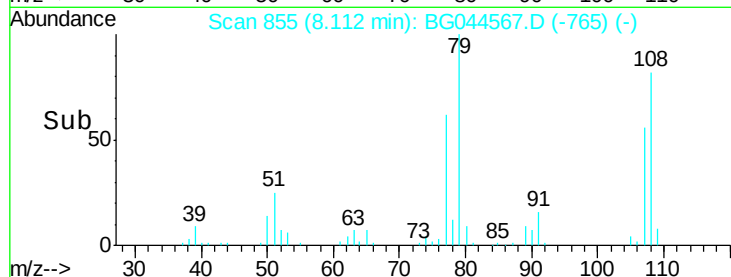
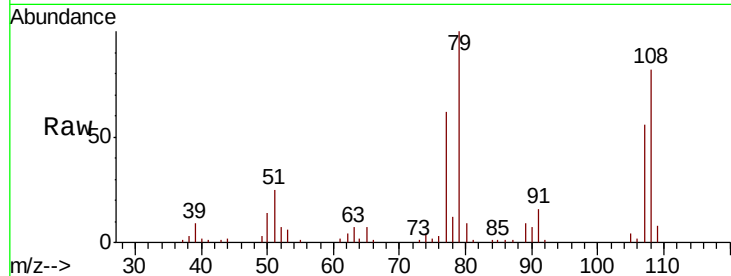
Tot Ion: 79 Resp: 65692

Ion Ratio Lower Upper

79 100

108 81.6 66.0 99.0

77 61.8 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.374 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

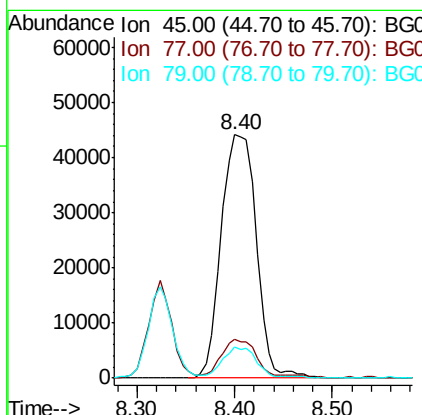
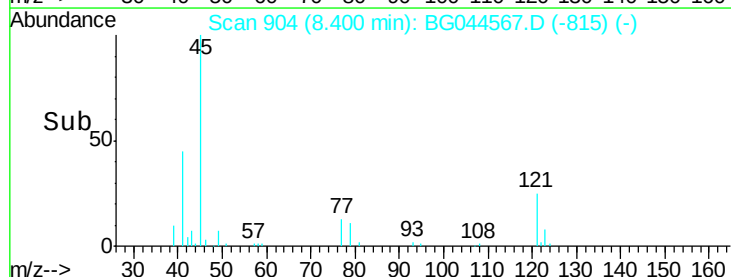
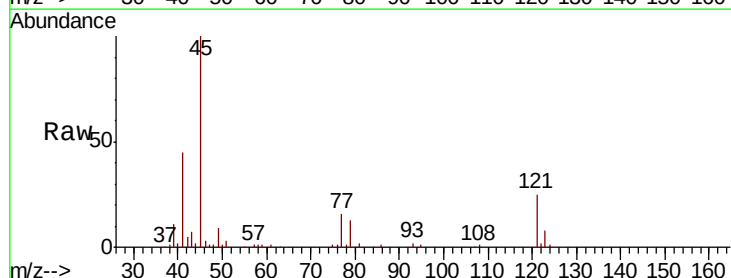
Tgt Ion: 45 Resp: 110271

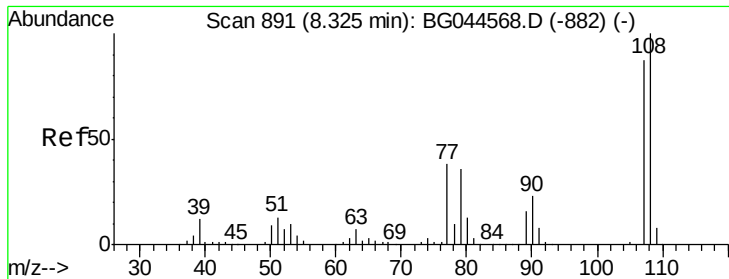
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.4

79 13.0 0.0 32.3

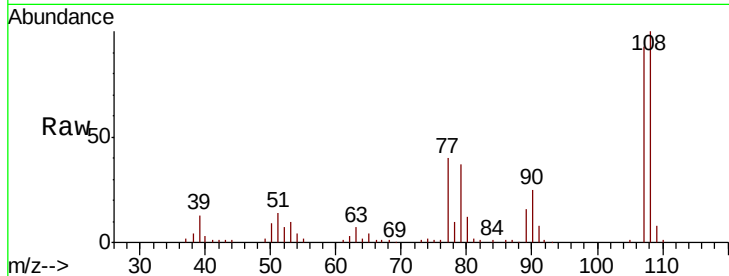




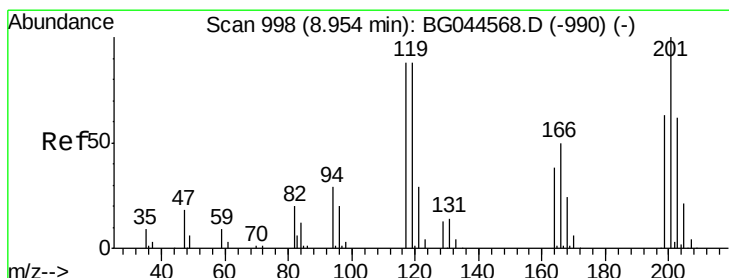
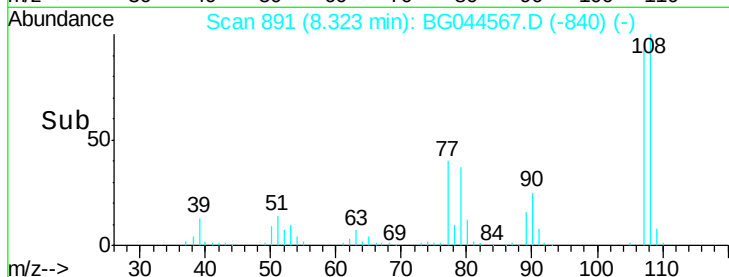
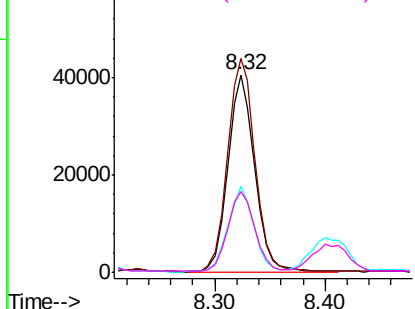
#17
2-Methylphenol
Concen: 22.717 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 69033
Ion Ratio Lower Upper
107 100
108 108.1 91.7 137.5
77 43.6 35.1 52.7
79 40.5 33.2 49.8

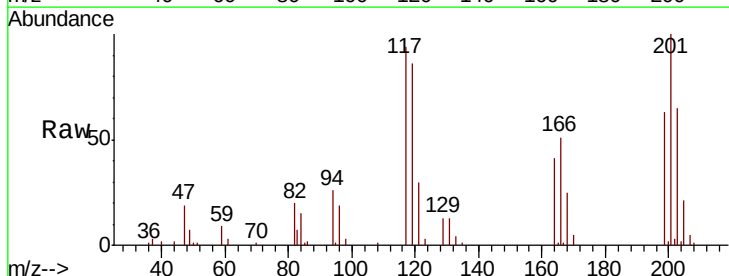


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

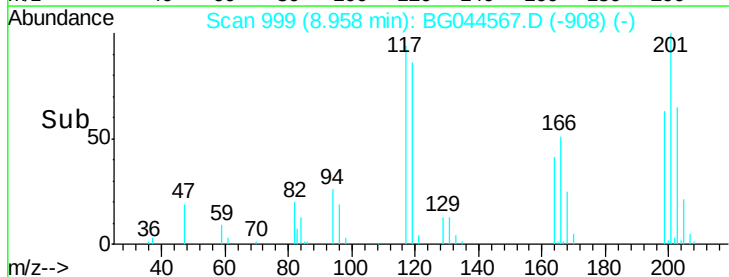
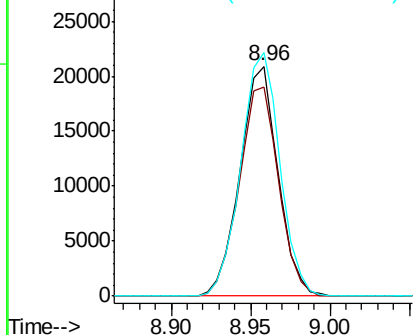


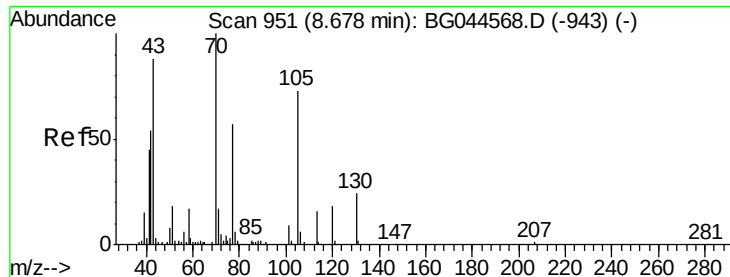
#18
Hexachloroethane
Concen: 22.283 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:117 Resp: 34829
Ion Ratio Lower Upper
117 100
119 91.2 80.0 120.0
201 106.1 90.5 135.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 23.229 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 66626

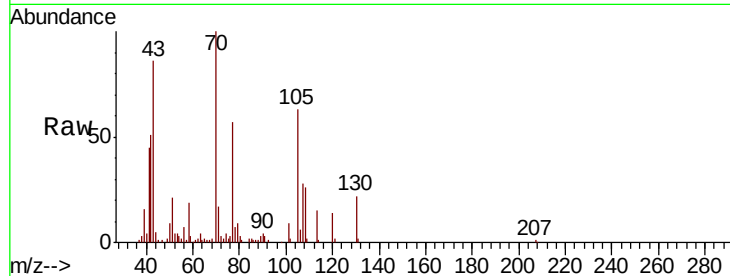
Ion Ratio Lower Upper

70 100

42 51.4 43.4 65.0

101 9.3 7.5 11.3

130 22.1 18.9 28.3

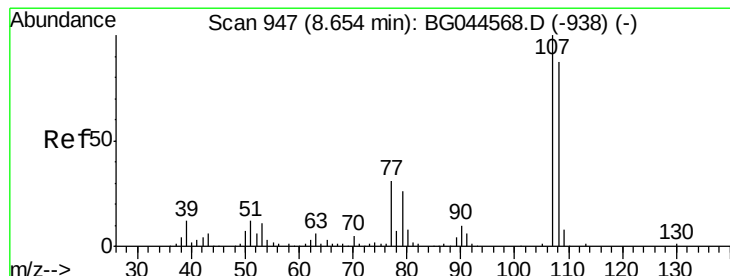
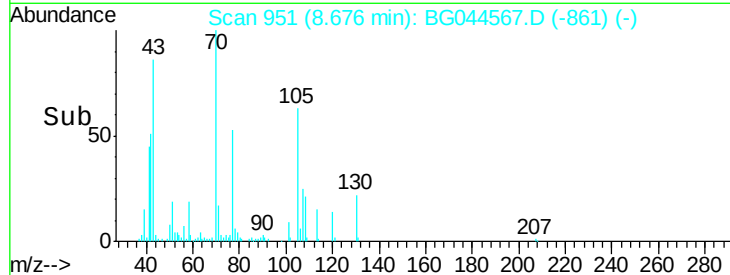
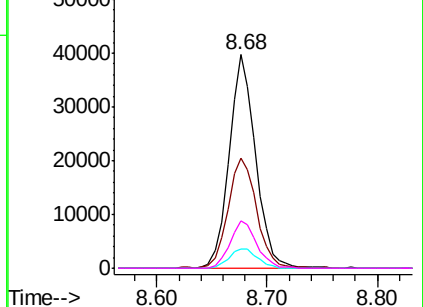


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 22.291 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Tgt Ion: 107 Resp: 93354

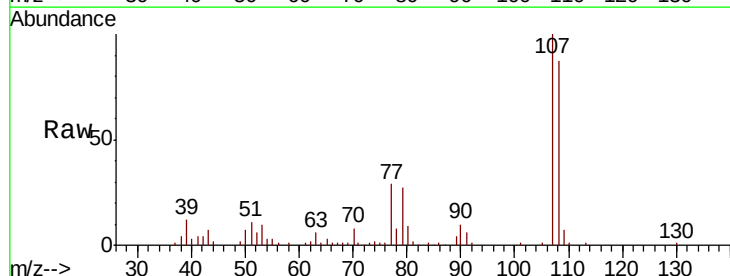
Ion Ratio Lower Upper

107 100

108 87.0 67.5 107.5

77 29.3 11.3 51.3

79 26.6 6.4 46.4

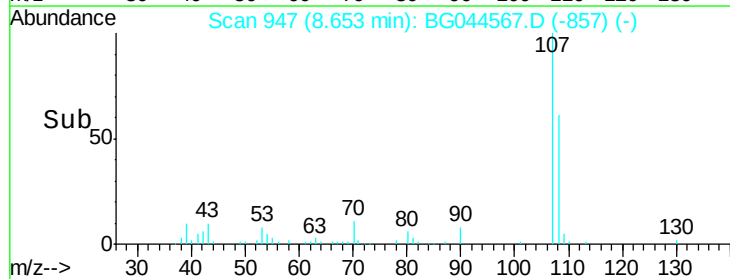
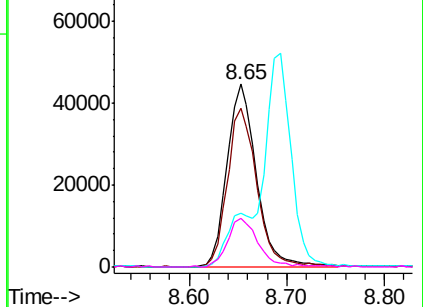


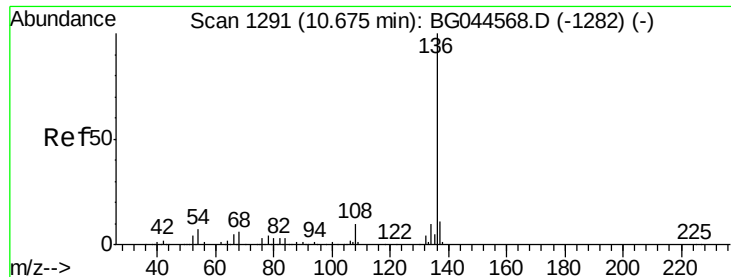
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 79.00 (78.70 to 79.70): BG0

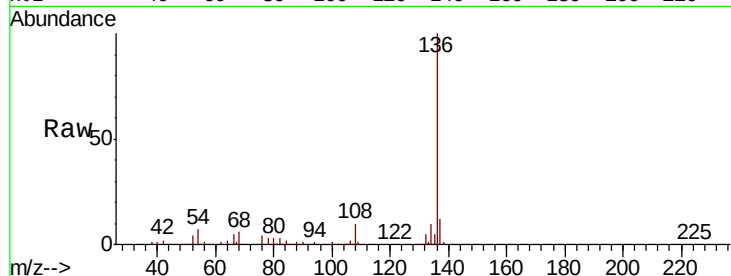




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 246039
Ion Ratio	Lower Upper
136 100	
137 11.7	8.8 13.2
54 7.2	5.7 8.5
68 5.6	4.5 6.7



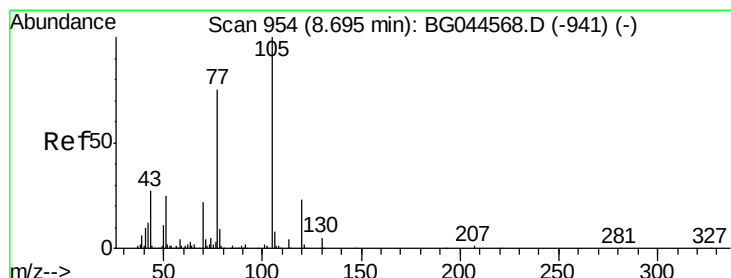
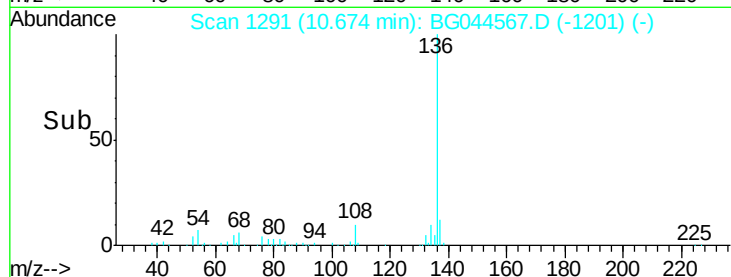
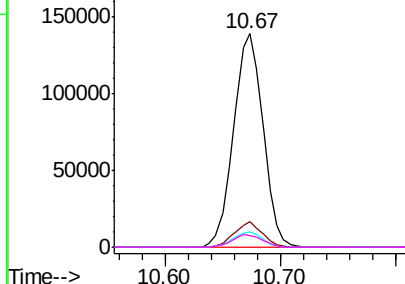
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

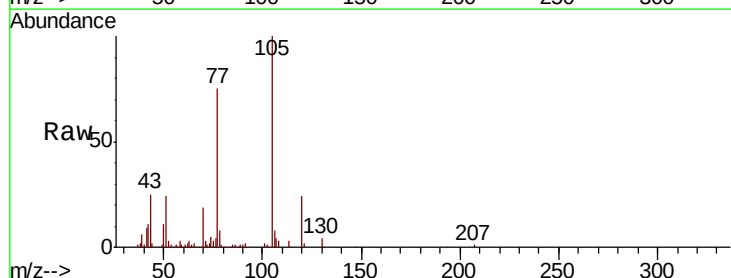
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 20.508 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:105	Resp: 122749
Ion Ratio	Lower Upper
105 100	
71 2.9	2.8 4.2
51 24.2	19.9 29.9
120 24.2	18.6 28.0



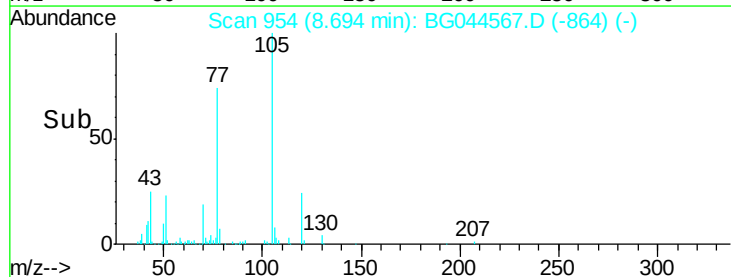
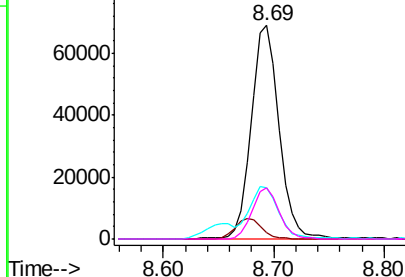
Abundance

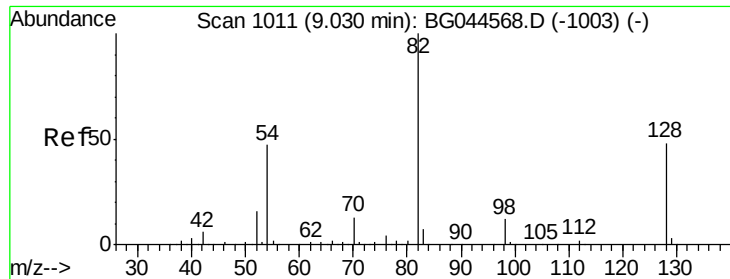
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

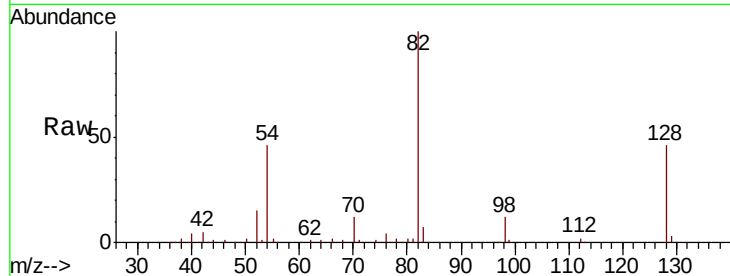




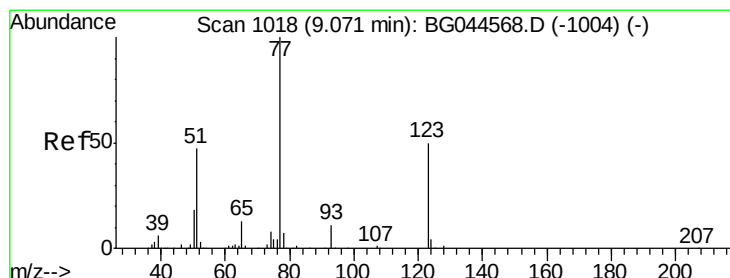
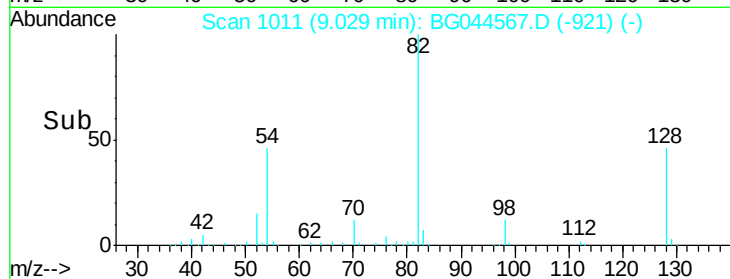
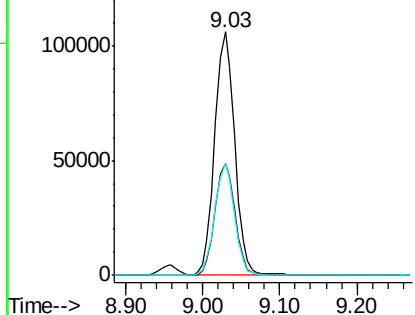
#23
Nitrobenzene-d5
Concen: 43.700 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	190448
Ion Ratio	100	Lower	Upper
128	45.7	38.1	57.1
54	45.8	37.5	56.3

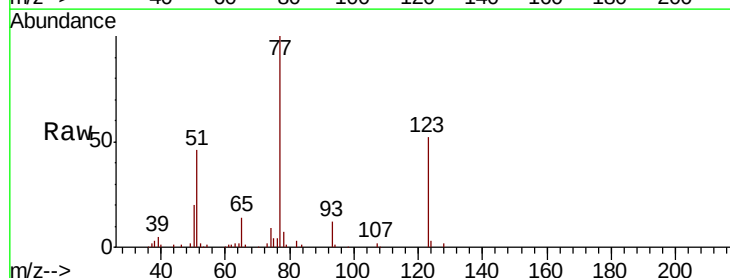


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

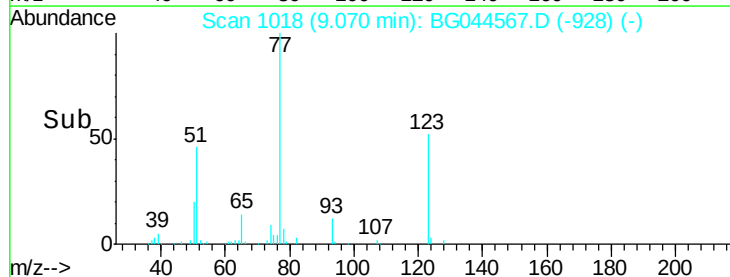
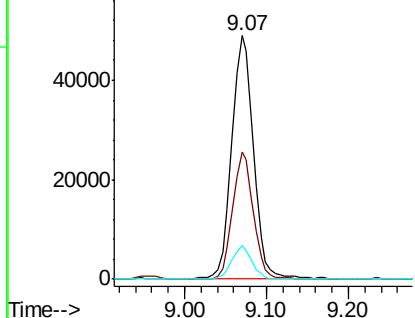


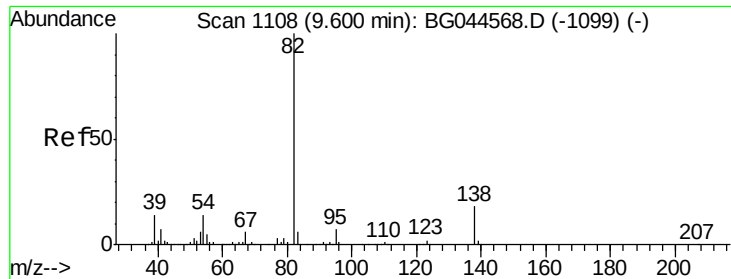
#24
Nitrobenzene
Concen: 21.419 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion	77	Resp	91129
Ion Ratio	100	Lower	Upper
123	52.0	40.1	60.1
65	13.6	10.4	15.6



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





#25

Isophorone

Concen: 22.150 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampleId :

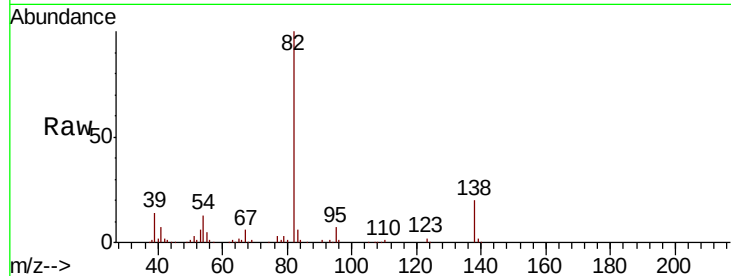
Tot Ion: 82 Resp: 179920

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

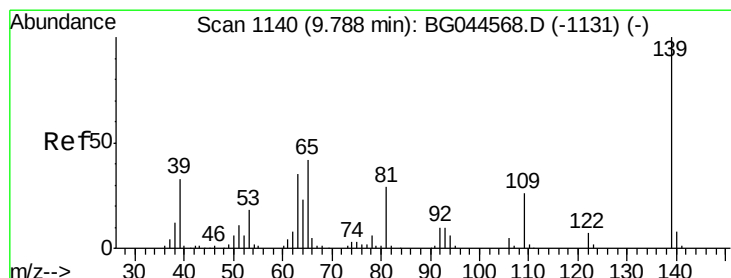
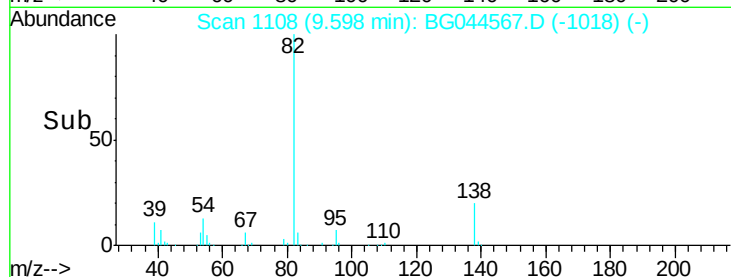
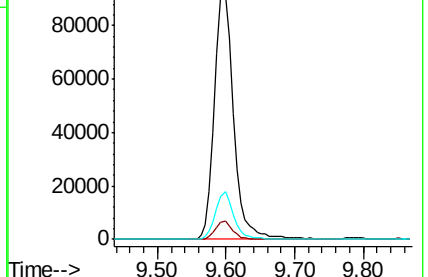
138 19.7 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044567.D (-1018) (-)

Ion 95.00 (94.70 to 95.70): BG044567.D (-1018) (-)

Ion 138.00 (137.70 to 138.70): BG044567.D (-1018) (-)



#26

2-Nitrophenol

Concen: 21.776 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

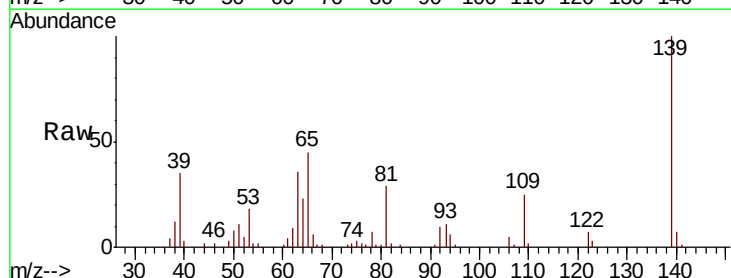
Tgt Ion: 139 Resp: 48074

Ion Ratio Lower Upper

139 100

109 25.3 20.6 31.0

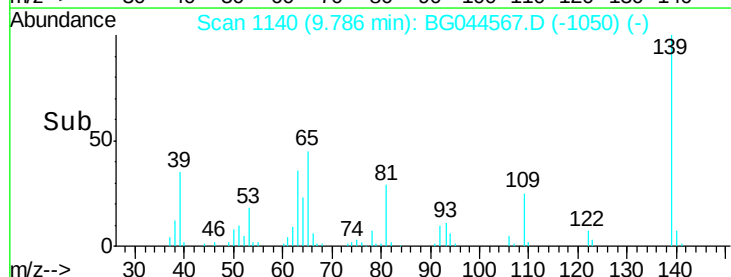
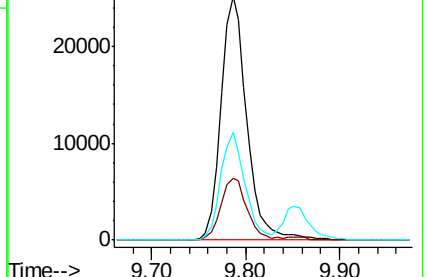
65 44.6 33.3 49.9

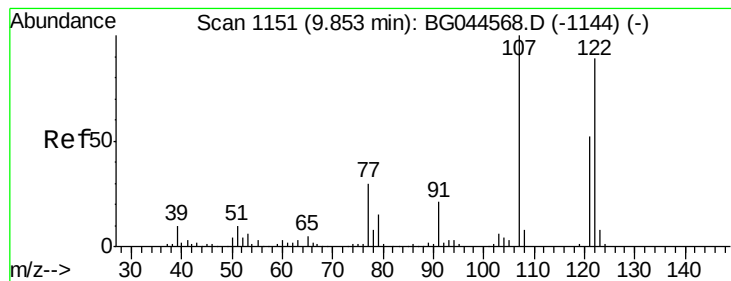


Abundance Ion 139.00 (138.70 to 139.70): BG044567.D (-1050) (-)

Ion 109.00 (108.70 to 109.70): BG044567.D (-1050) (-)

Ion 65.00 (64.70 to 65.70): BG044567.D (-1050) (-)





#27

2,4-Dimethylphenol

Concen: 22.117 ng

RT: 9.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampled :

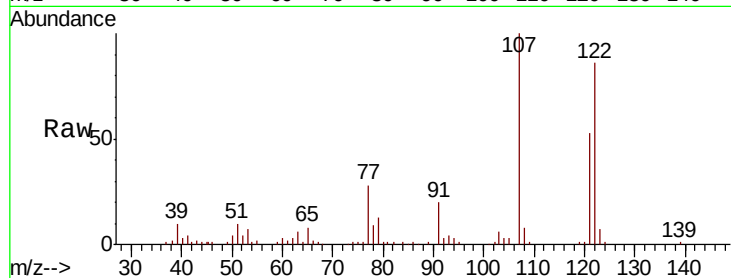
Tot Ion:122 Resp: 68923

Ion Ratio Lower Upper

122 100

107 116.9 89.4 134.0

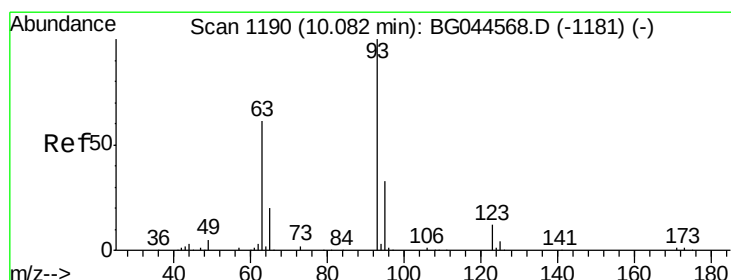
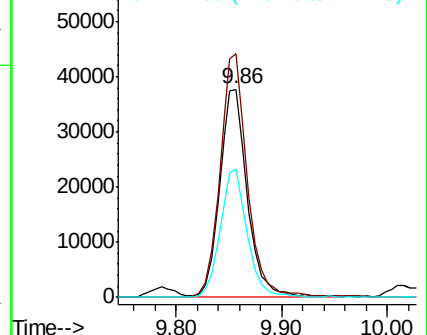
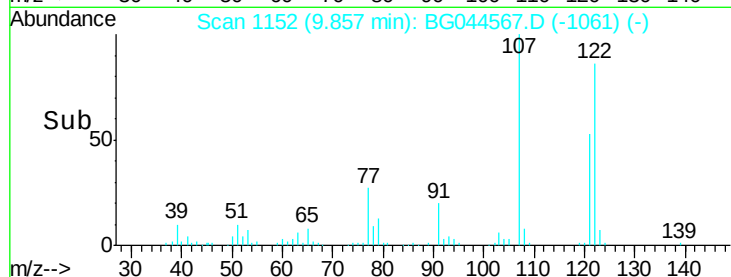
121 61.6 46.5 69.7



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: 21.796 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

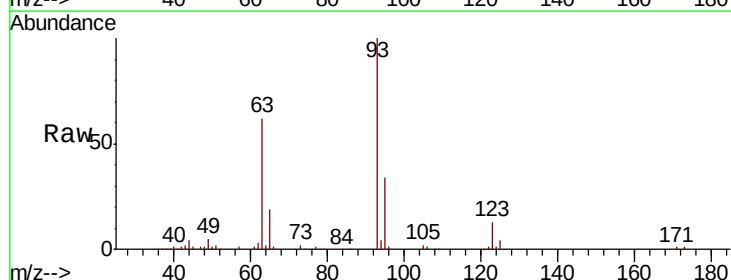
Tgt Ion: 93 Resp: 118108

Ion Ratio Lower Upper

93 100

95 34.1 26.5 39.7

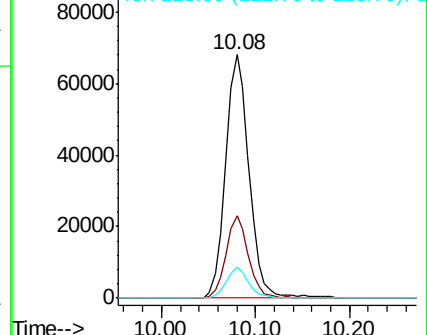
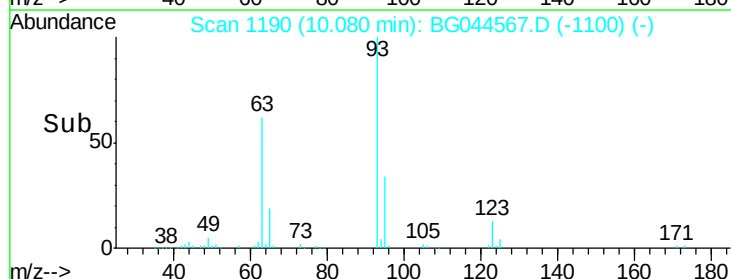
123 12.8 9.7 14.5

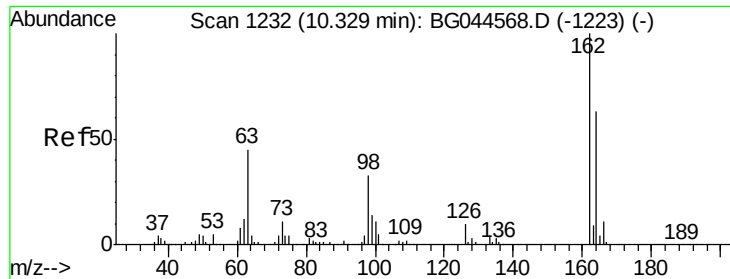


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

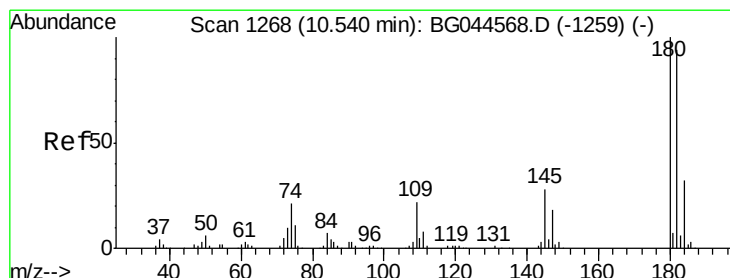
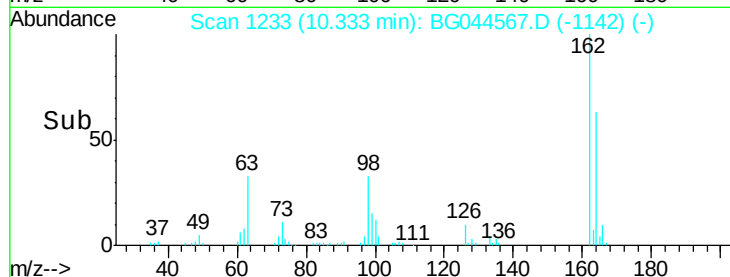
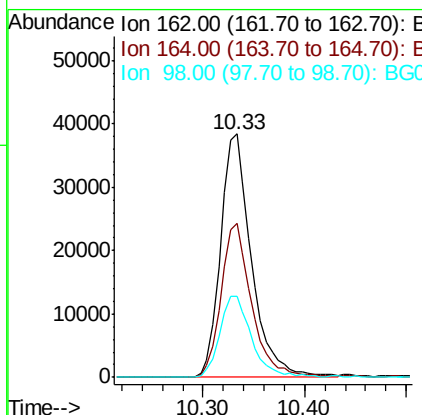
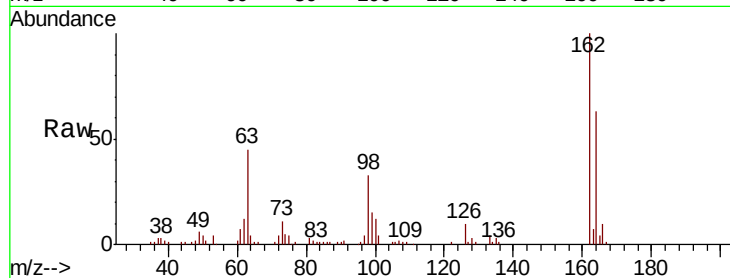




#29
 2,4-Dichlorophenol
 Concen: 21.573 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

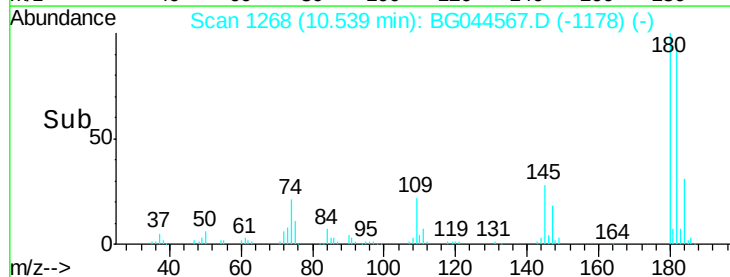
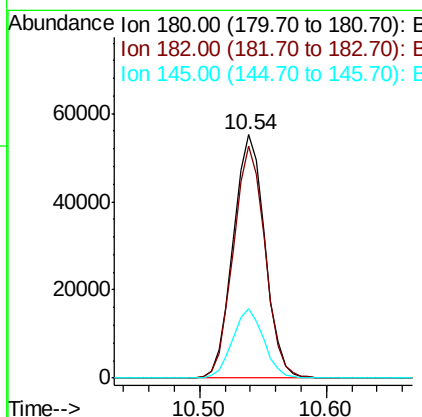
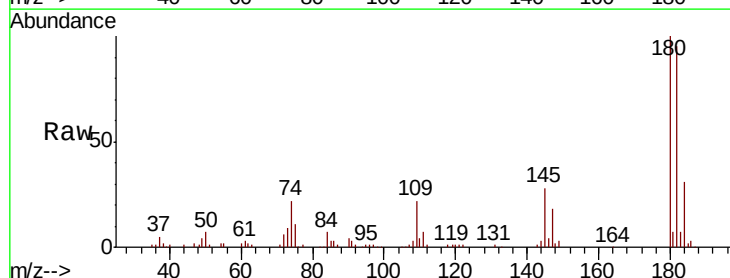
Instrument :
 BNA_G
 ClientSampled :

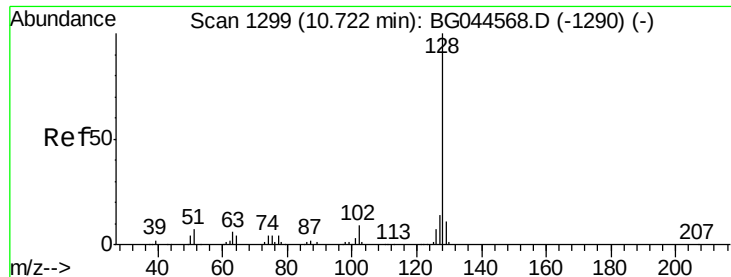
Tot Ion	162	Resp	81289
Ion Ratio	Lower	Upper	
162	100		
164	63.2	43.2	83.2
98	33.2	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 22.126 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion	180	Resp	95602
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.6	113.4
145	28.4	22.2	33.2

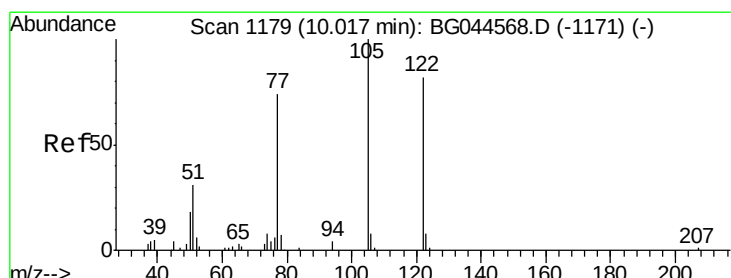
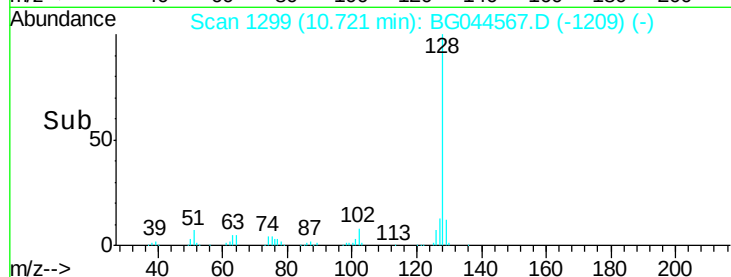
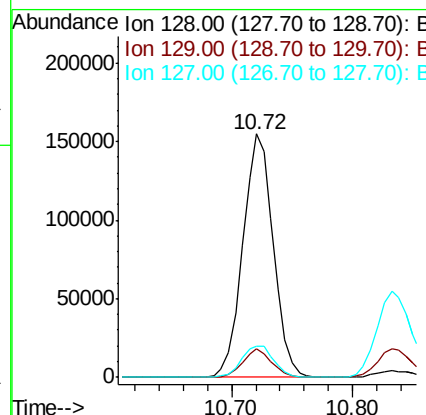
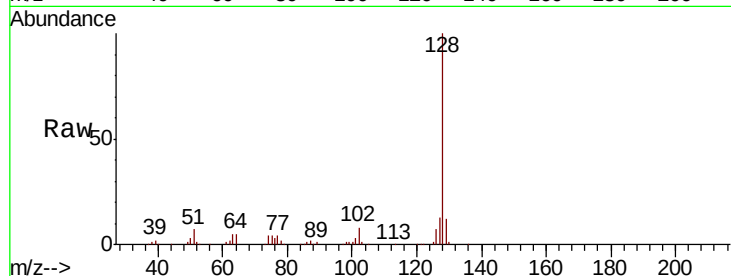




#31
Naphthalene
Concen: 22.759 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

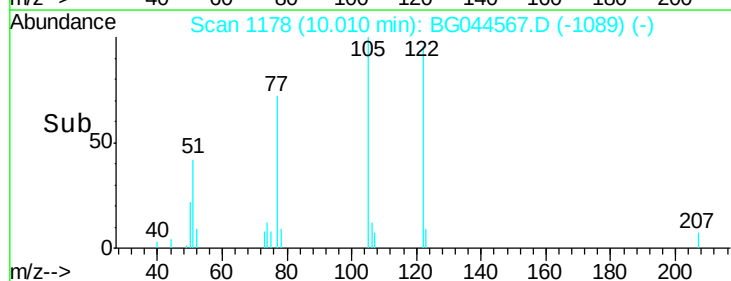
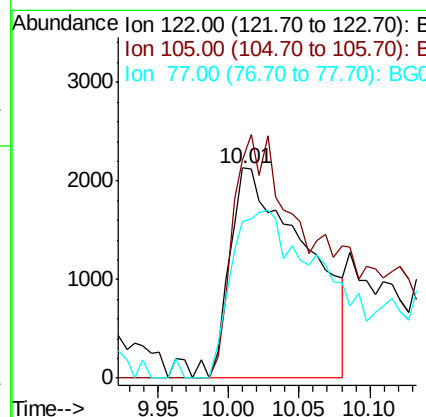
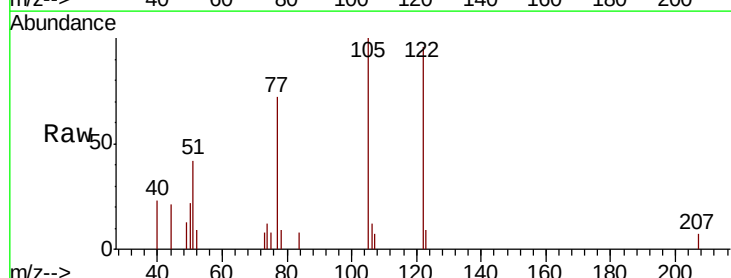
Instrument :
BNA_G
ClientSampleId :

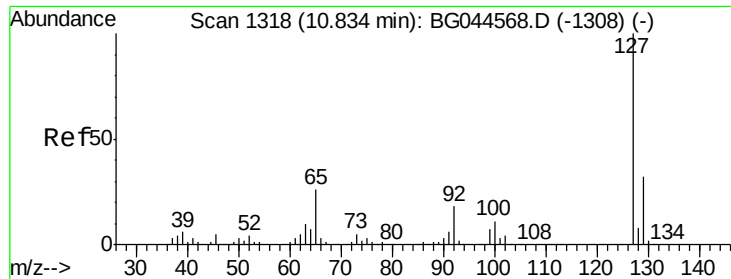
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.0	11.0	16.4



#32
Benzoic acid
Concen: 4.803 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	104.0	101.4	141.4
77	74.7	69.8	109.8

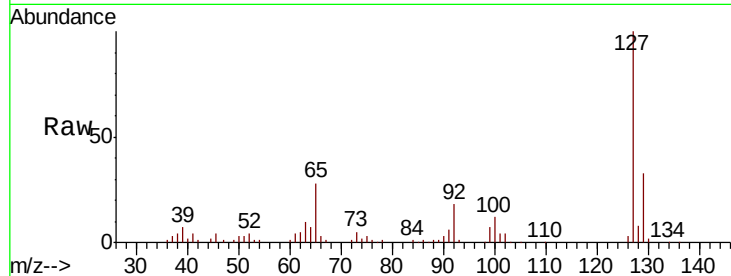




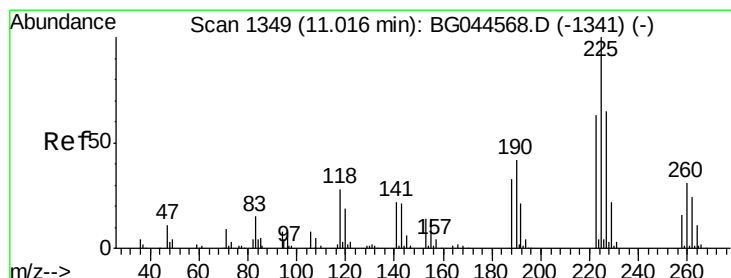
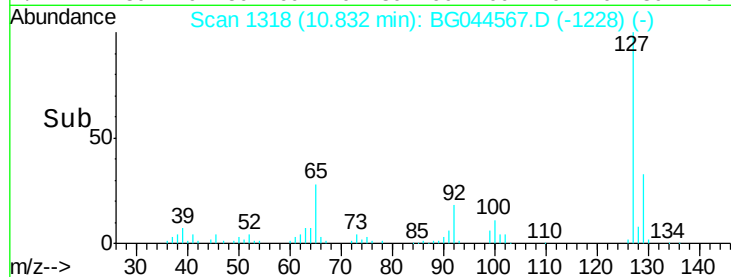
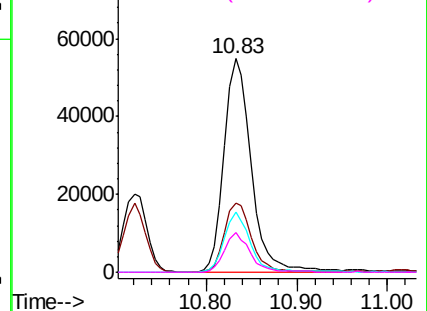
#33
4-Chloroaniline
Concen: 21.227 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	115243
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	28.0	20.7	31.1
92	18.4	14.2	21.2

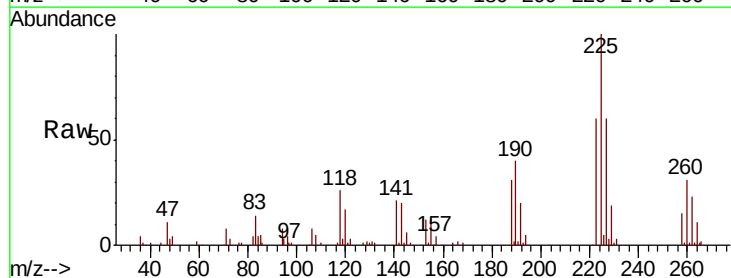


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

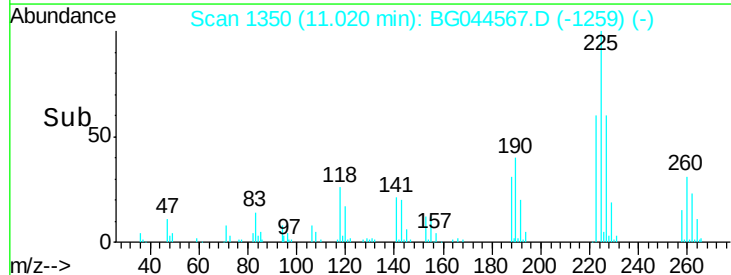
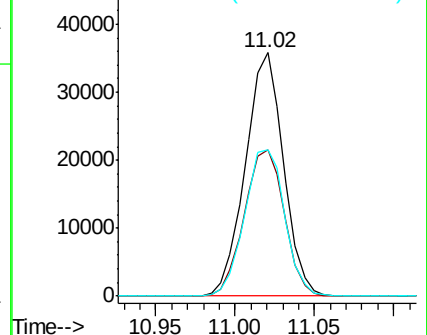


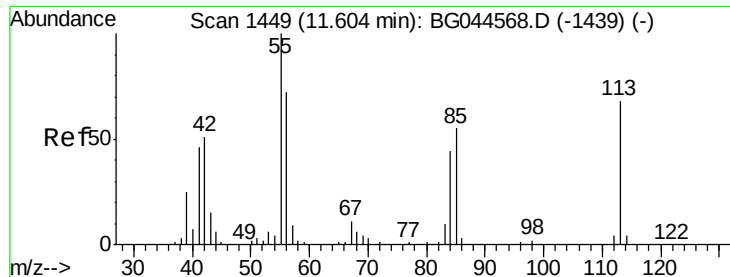
#34
Hexachlorobutadiene
Concen: 22.475 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:	225	Resp:	59754
Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.6	76.0
227	60.0	52.1	78.1



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

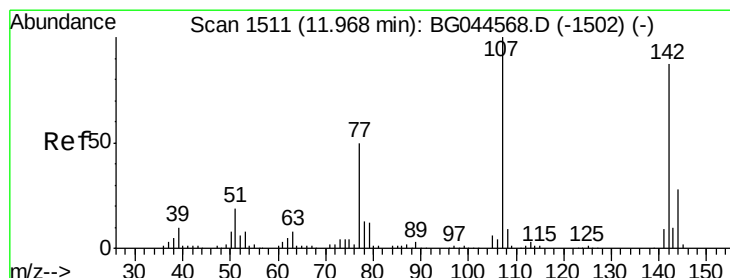
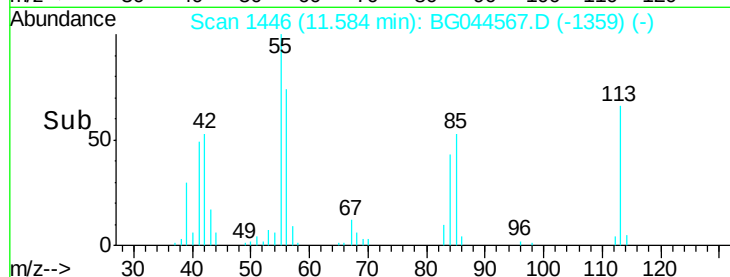
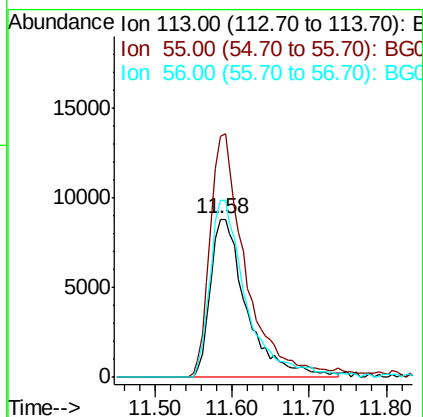
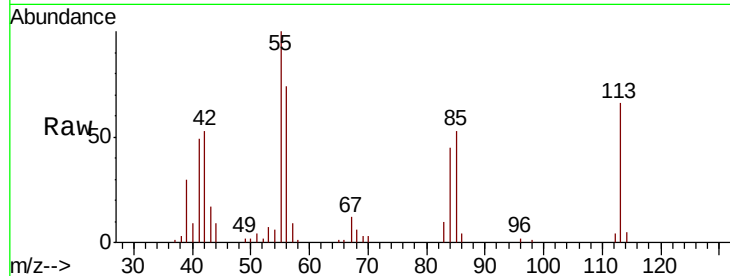




#35
Caprolactam
Concen: 20.822 ng
RT: 11.58 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

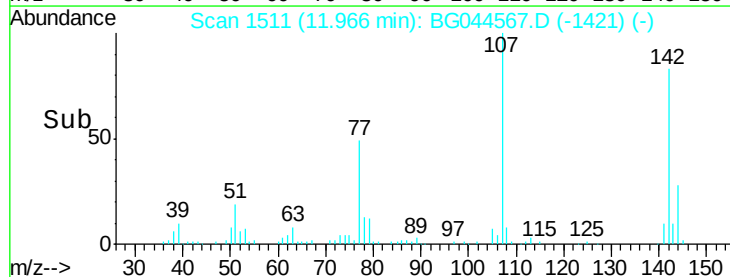
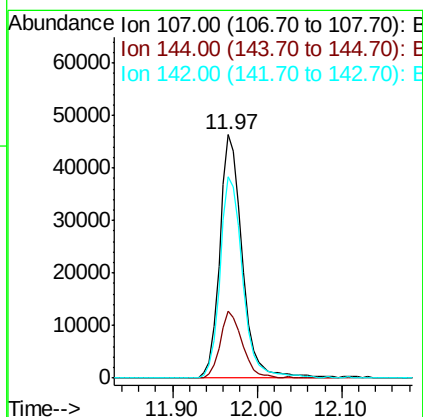
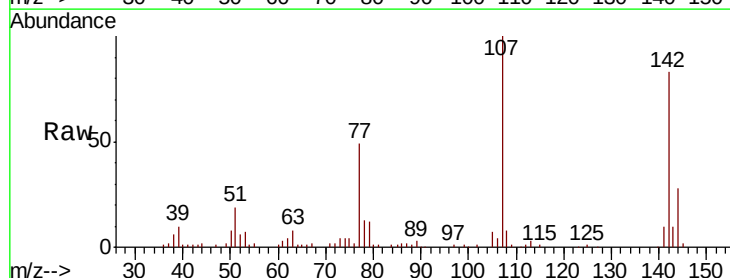
Instrument :
BNA_G
ClientSampled :

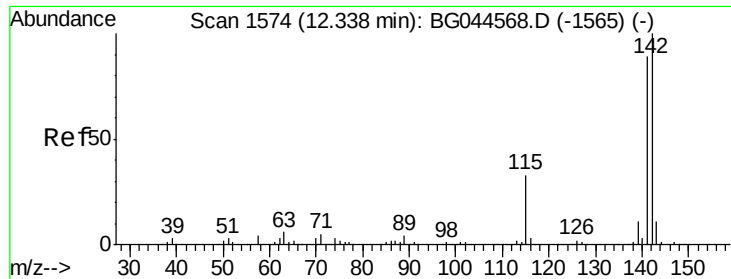
Tot Ion:113 Resp: 28742
Ion Ratio Lower Upper
113 100
55 152.3 127.8 167.8
56 112.2 86.9 126.9



#36
4-Chloro-3-methylphenol
Concen: 21.771 ng
RT: 11.97 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:107 Resp: 86011
Ion Ratio Lower Upper
107 100
144 27.7 22.3 33.5
142 82.9 69.3 103.9

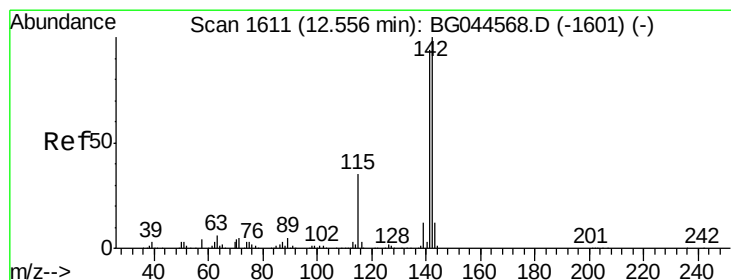
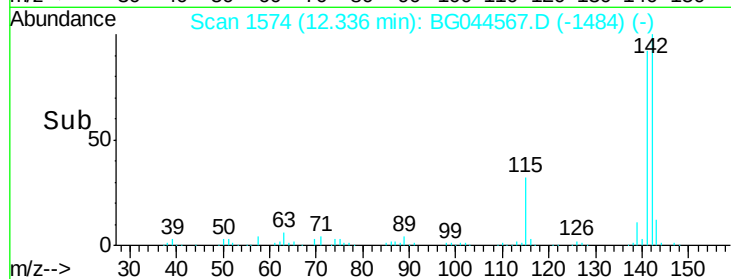
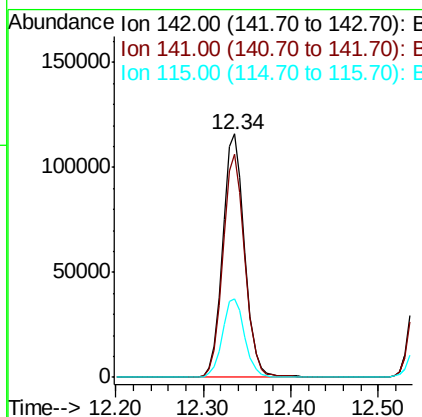
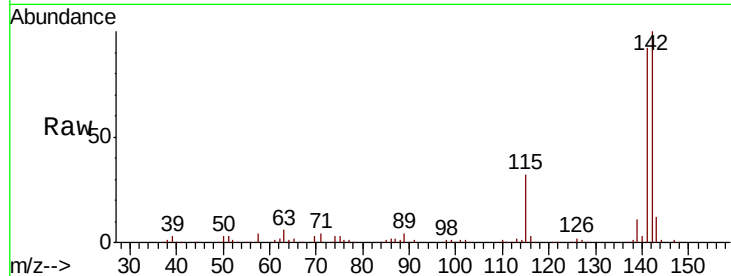




#37
 2-Methylnaphthalene
 Concen: 22.609 ng
 RT: 12.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

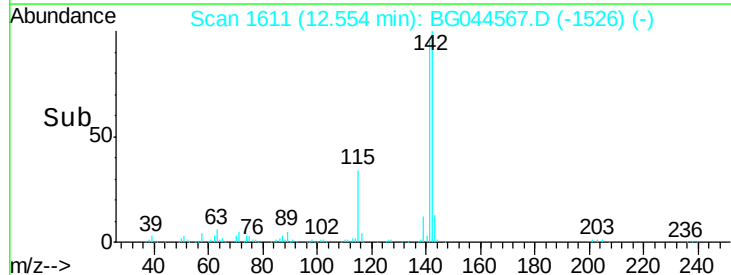
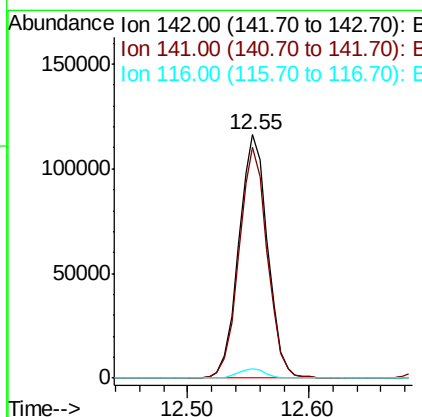
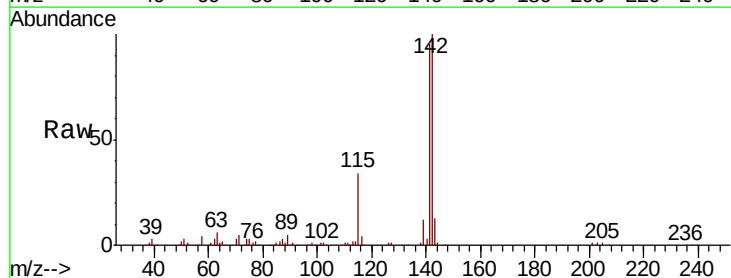
Instrument :
 BNA_G
 ClientSampleId :

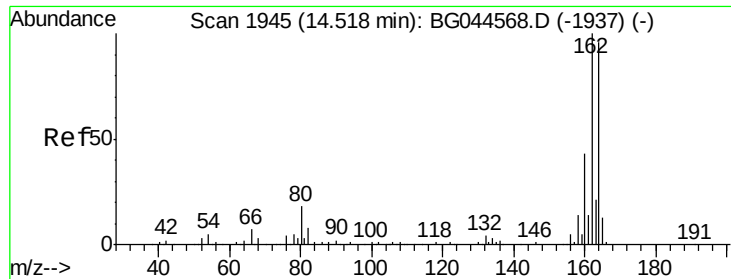
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.3	106.9
115	32.0	26.2	39.2



#38
 1-Methylnaphthalene
 Concen: 23.123 ng
 RT: 12.55 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.1	112.7
116	3.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampled :

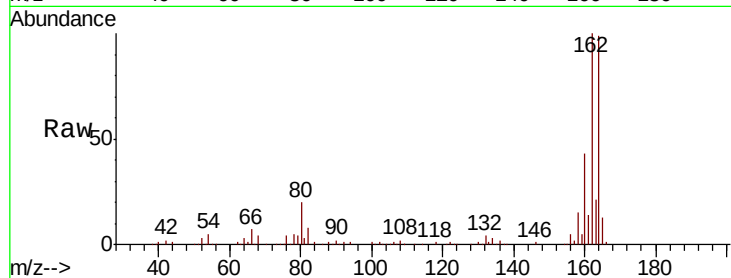
Tot Ion:164 Resp: 165841

Ion Ratio Lower Upper

164 100

162 101.1 83.6 125.4

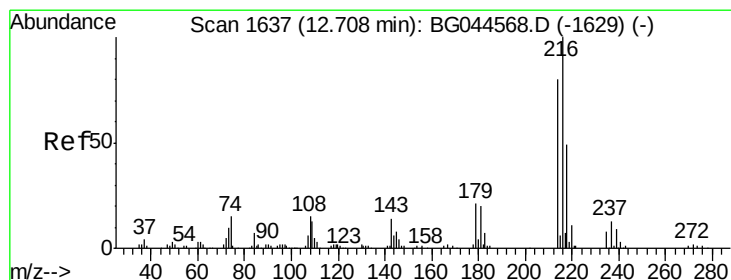
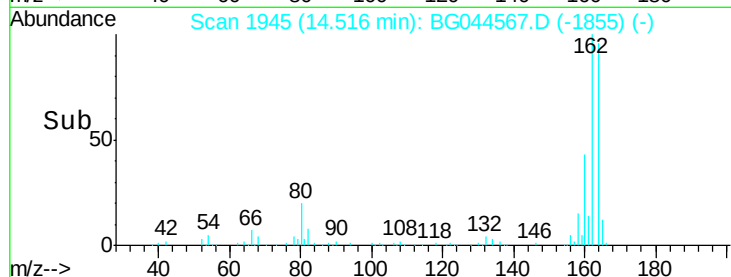
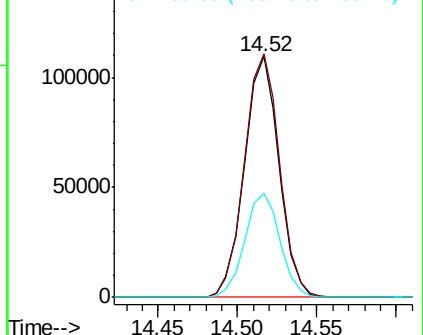
160 43.2 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.858 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Tgt Ion:216 Resp: 108435

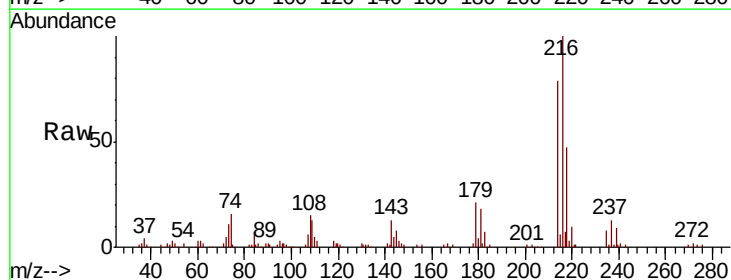
Ion Ratio Lower Upper

216 100

214 78.5 63.3 94.9

179 20.0 16.2 24.2

108 15.6 12.6 18.8

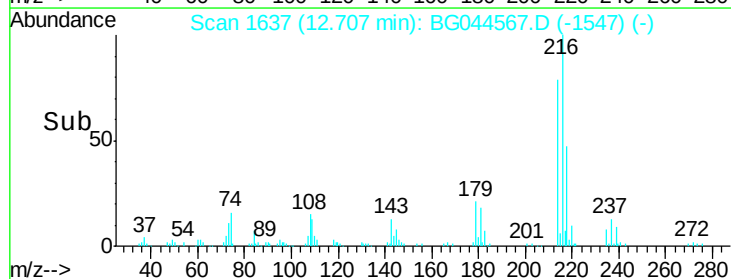
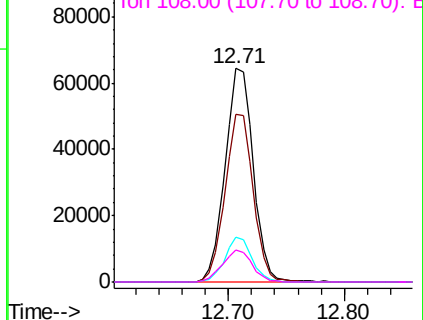


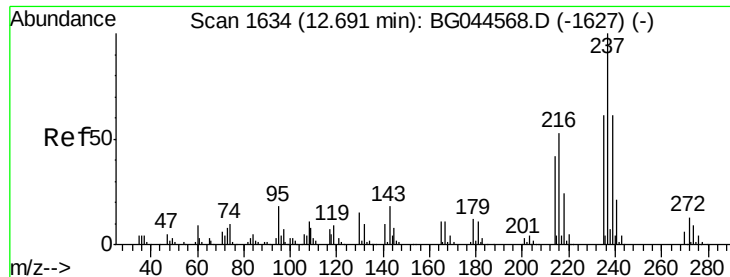
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

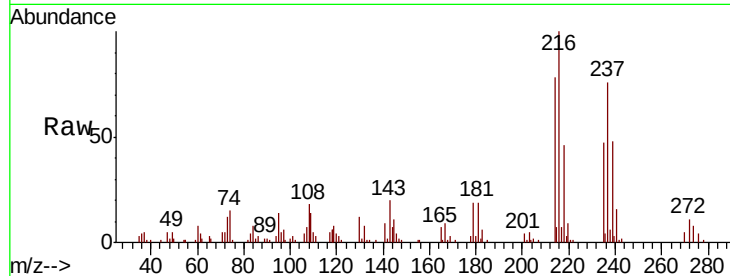




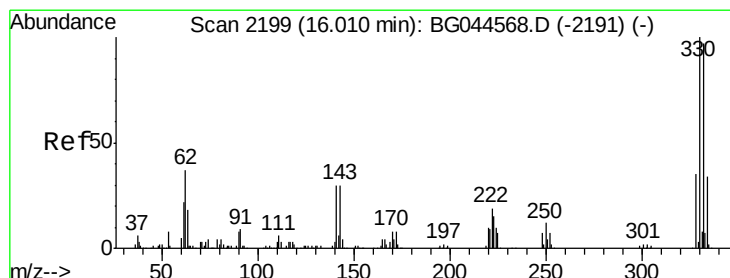
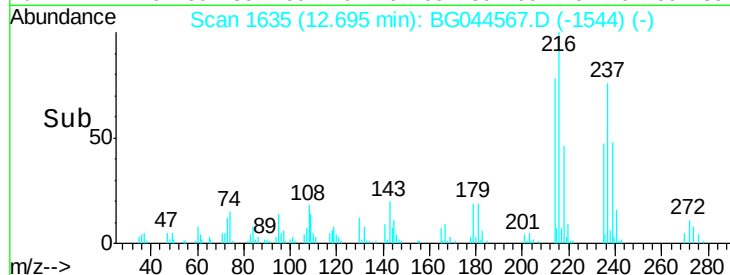
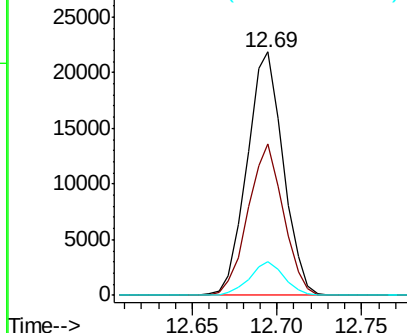
#41
Hexachlorocyclopentadiene
Concen: 13.709 ng
RT: 12.69 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 32632
Ion Ratio Lower Upper
237 100
235 62.4 40.7 80.7
272 13.8 0.0 32.7

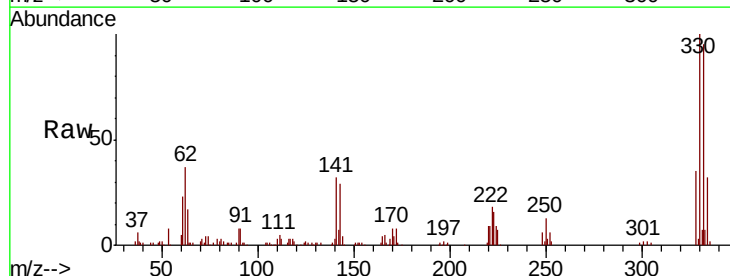


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

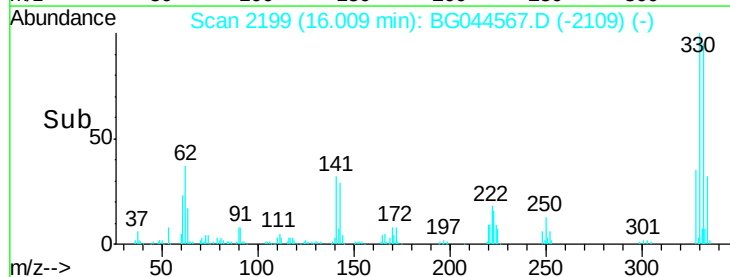
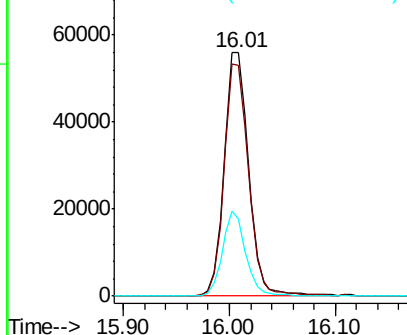


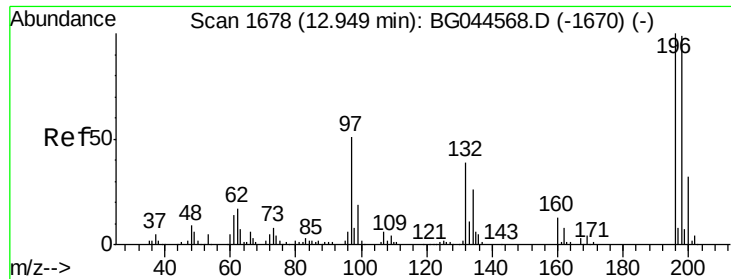
#42
2,4,6-Tribromophenol
Concen: 46.212 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:330 Resp: 89969
Ion Ratio Lower Upper
330 100
332 95.4 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

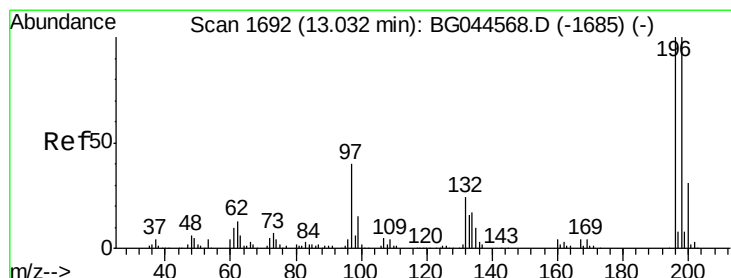
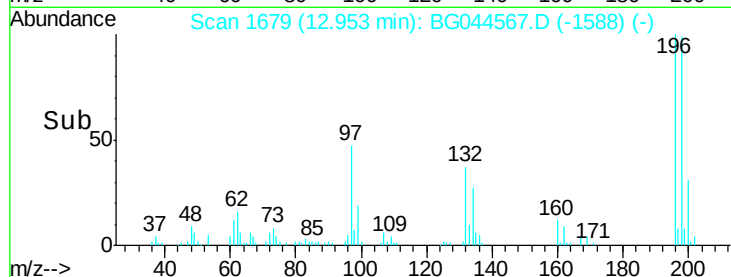
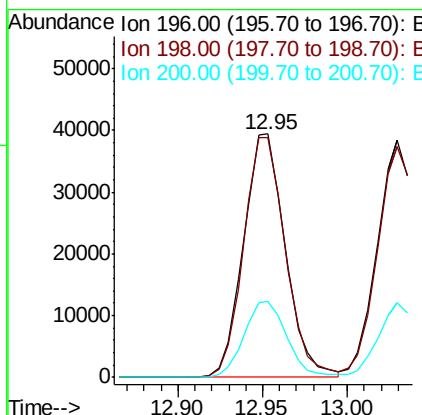
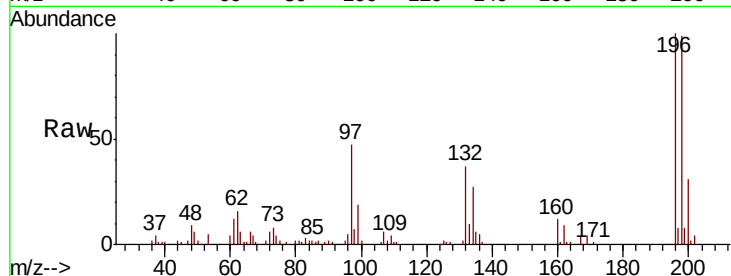




#43
 2,4,6-Trichlorophenol
 Concen: 21.213 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

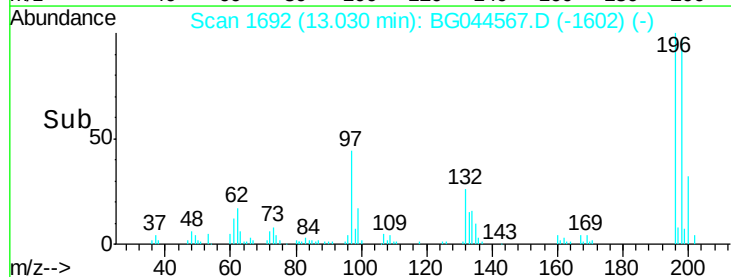
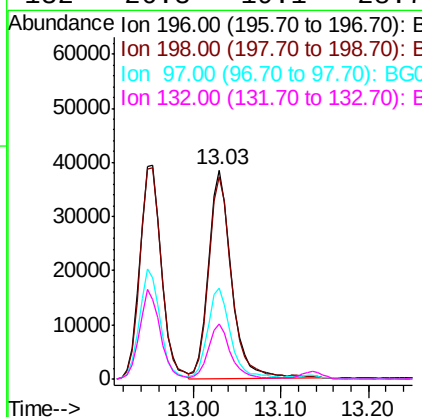
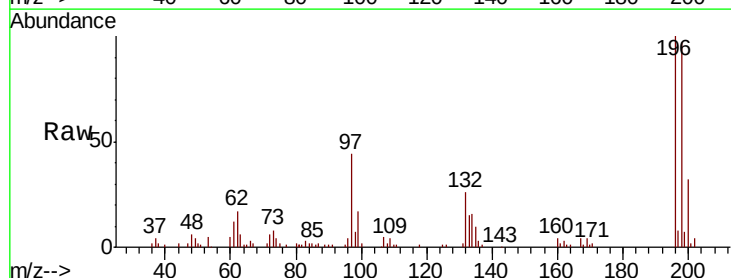
Instrument :
 BNA_G
 ClientSampleId :

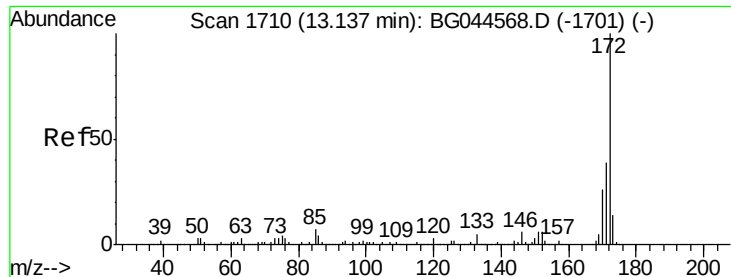
Tot Ion:196 Resp: 68022
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.2 118.8
 200 31.4 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 21.518 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion:196 Resp: 70477
 Ion Ratio Lower Upper
 196 100
 198 96.9 79.3 118.9
 97 43.7 32.3 48.5
 132 26.3 19.1 28.7

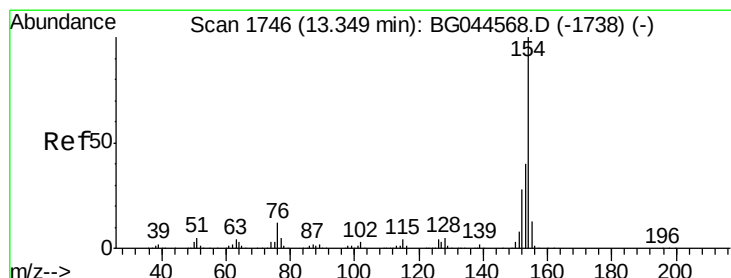
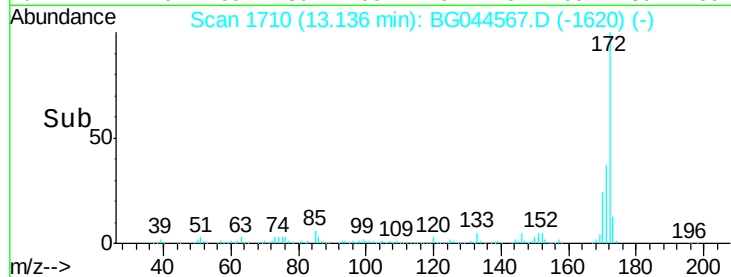
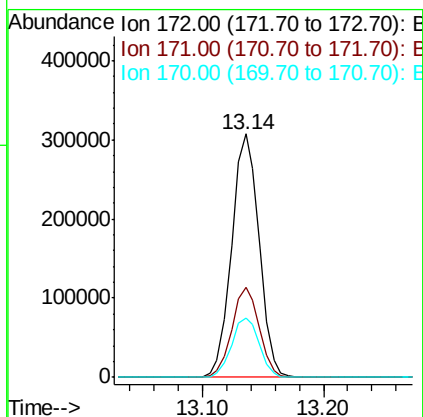
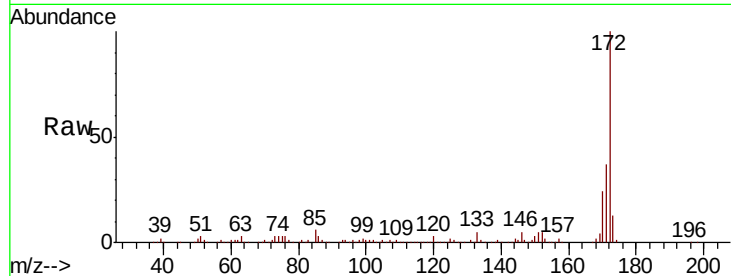




#45
2-Fluorobiphenyl
Concen: 48.976 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

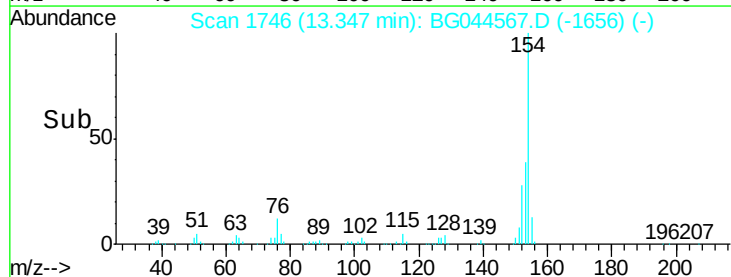
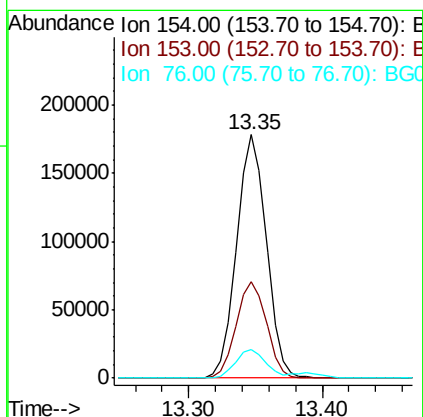
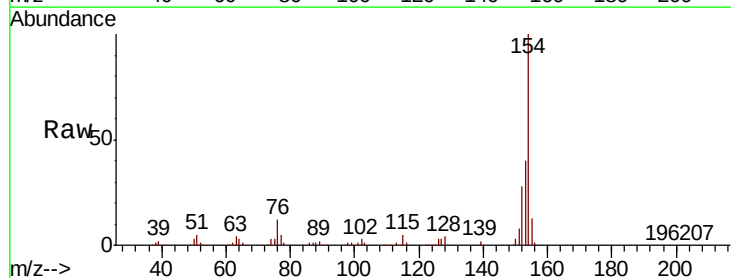
Instrument :
BNA_G
ClientSampleId :

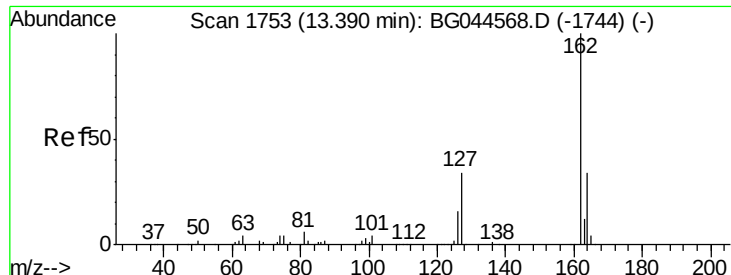
Tot Ion:172 Resp: 485042
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 24.5 21.0 31.4



#46
1,1'-Biphenyl
Concen: 22.980 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:154 Resp: 274888
Ion Ratio Lower Upper
154 100
153 39.6 20.2 60.2
76 11.8 0.0 31.8

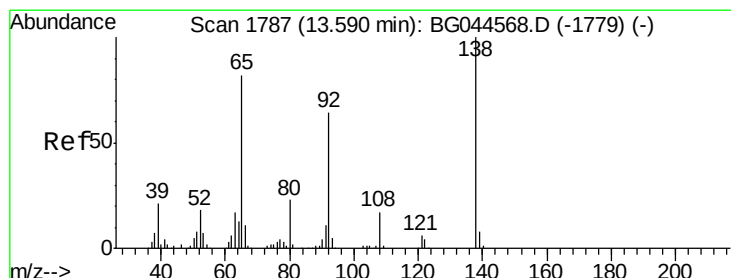
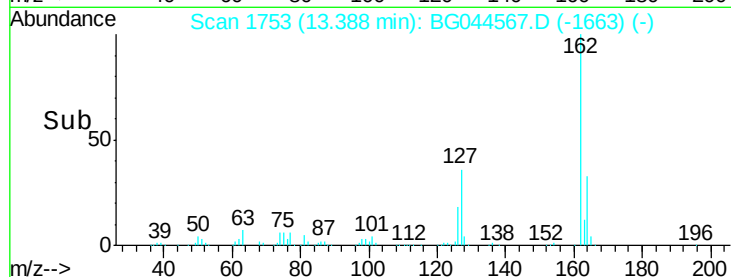
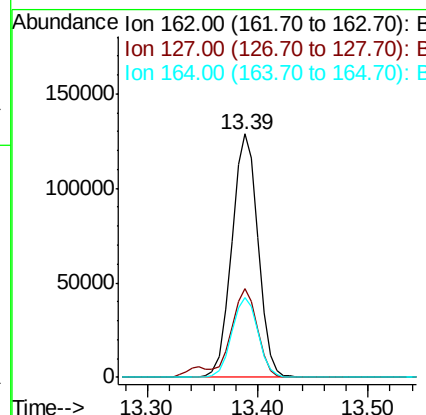
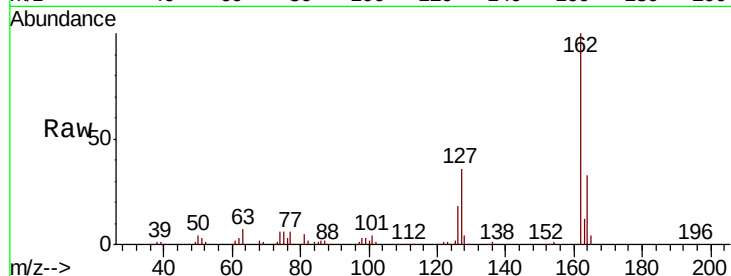




#47
 2-Chloronaphthalene
 Concen: 22.501 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

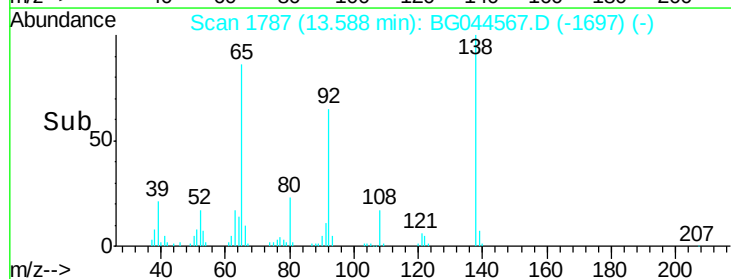
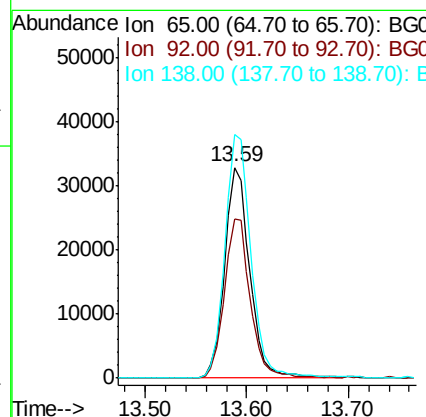
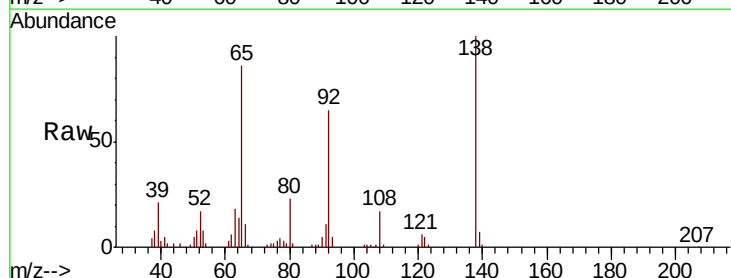
Instrument :
 BNA_G
 ClientSampleId :

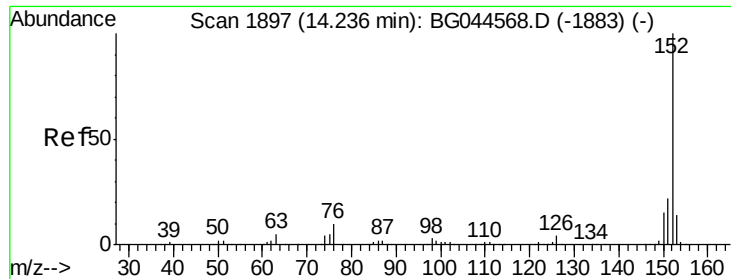
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	28.7	43.1
164	32.9	27.3	40.9



#48
 2-Nitroaniline
 Concen: 20.224 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	62.2	93.2
138	115.7	97.6	146.4





#49

Acenaphthylene

Concen: 22.805 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampled :

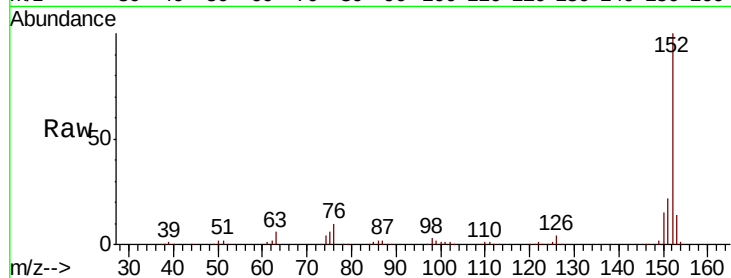
Tot Ion:152 Resp: 318394

Ion Ratio Lower Upper

152 100

151 21.6 17.7 26.5

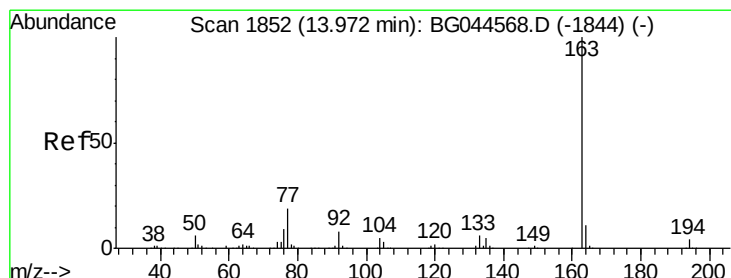
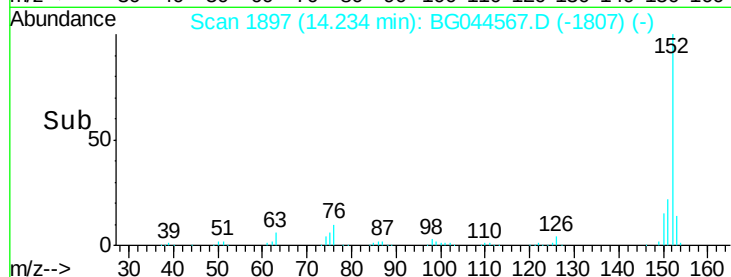
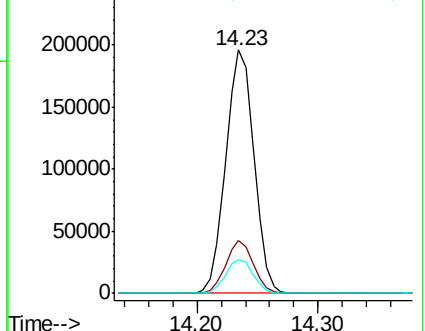
153 13.9 11.3 16.9



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: 22.616 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

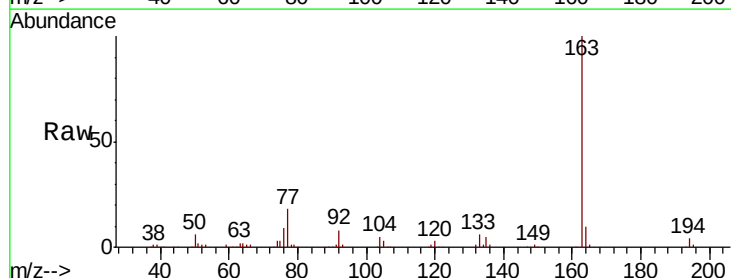
Tgt Ion:163 Resp: 269608

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

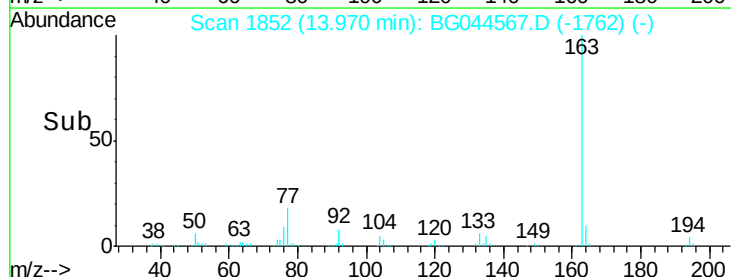
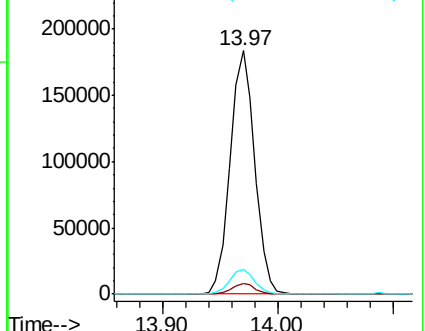
164 9.9 8.7 13.1

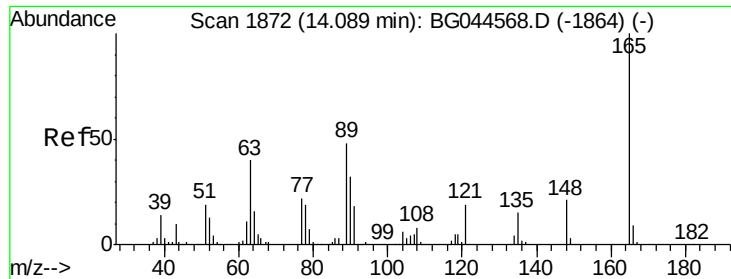


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

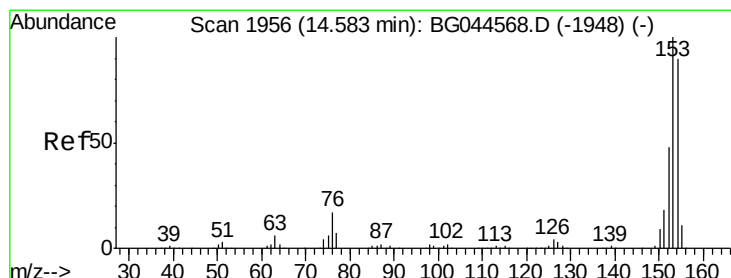
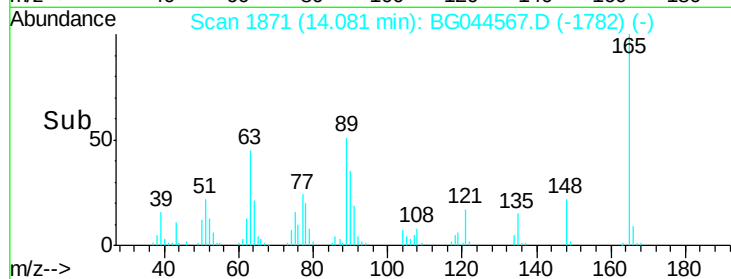
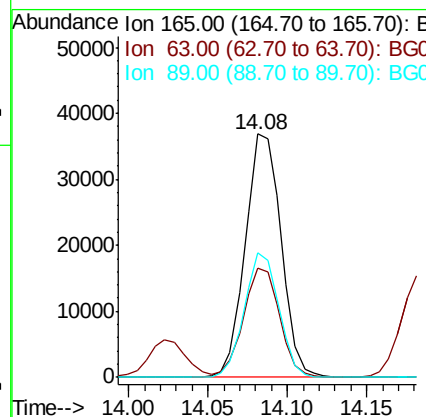
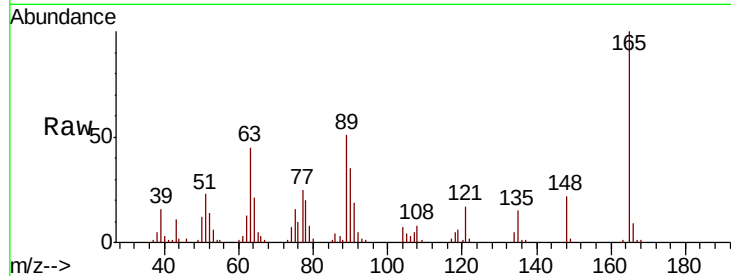




#51
 2,6-Dinitrotoluene
 Concen: 21.779 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

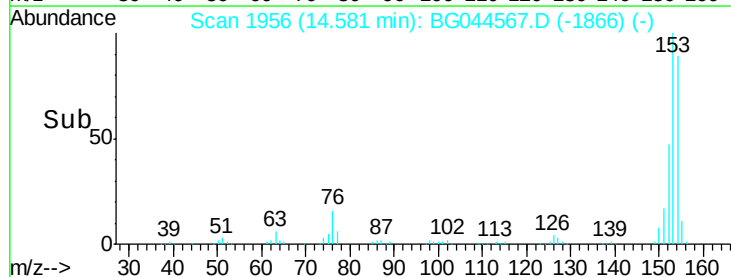
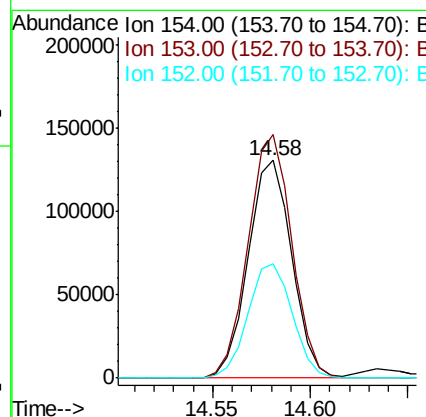
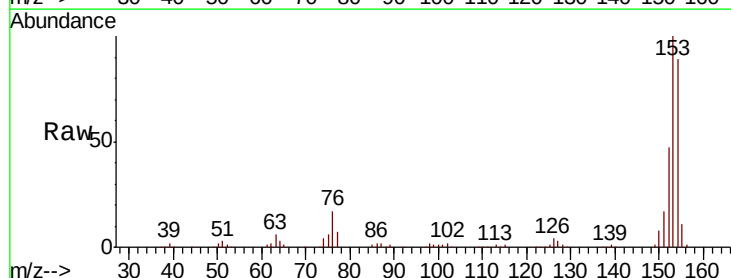
Instrument :
 BNA_G
 ClientSampled :

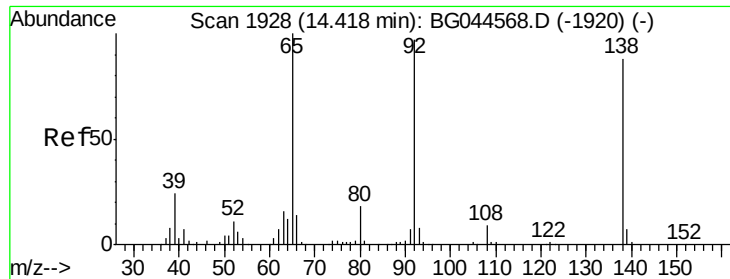
Tot Ion:165 Resp: 57890
 Ion Ratio Lower Upper
 165 100
 63 44.9 35.8 53.6
 89 51.2 38.7 58.1



#52
 Acenaphthene
 Concen: 22.402 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion:154 Resp: 202727
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.4 134.0
 152 52.3 43.0 64.4

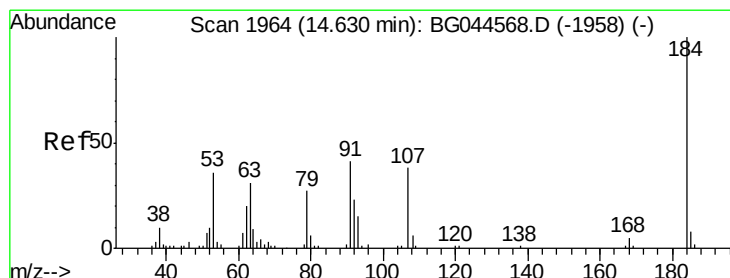
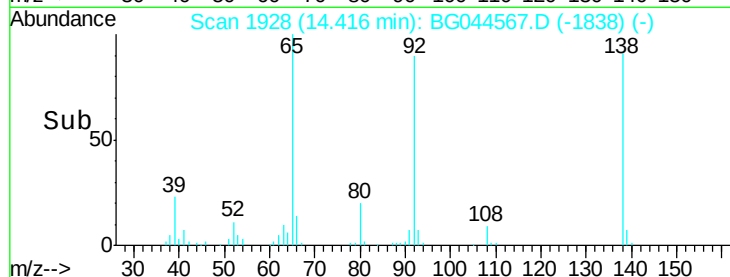
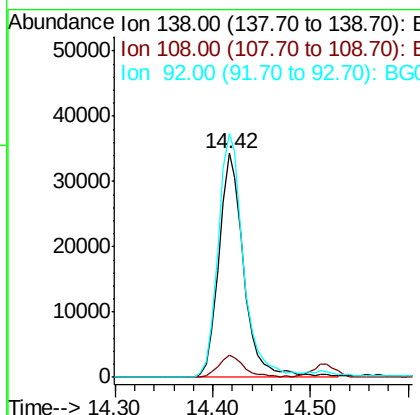
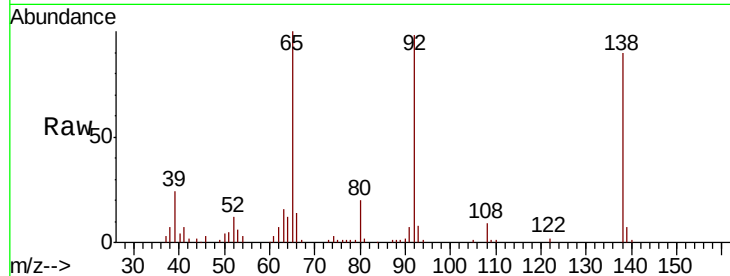




#53
3-Nitroaniline
Concen: 20.626 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

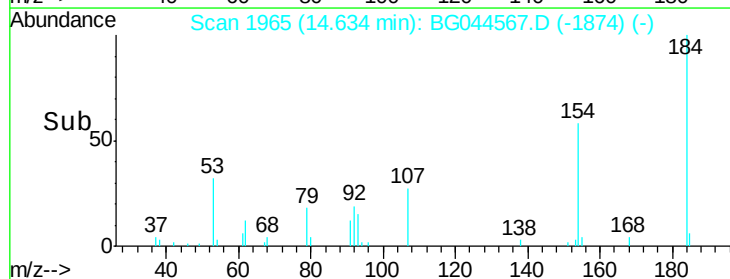
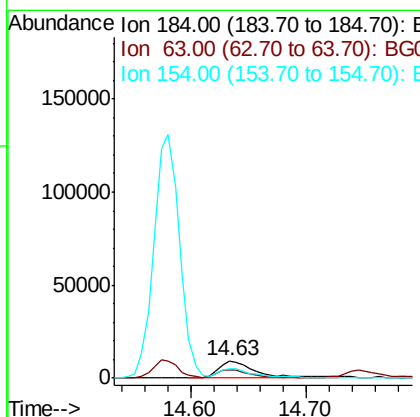
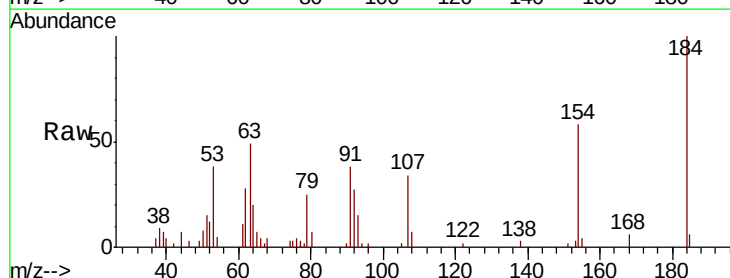
Instrument :
BNA_G
ClientSampled :

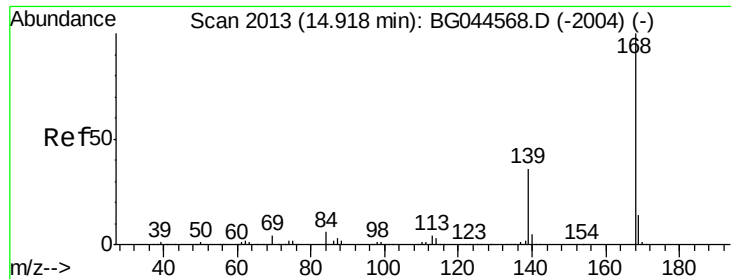
Tot Ion:138 Resp: 60654
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 108.7 87.4 131.2



#54
2,4-Dinitrophenol
Concen: 15.850 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:184 Resp: 20915
Ion Ratio Lower Upper
184 100
63 49.0 42.1 63.1
154 57.6 43.4 65.2

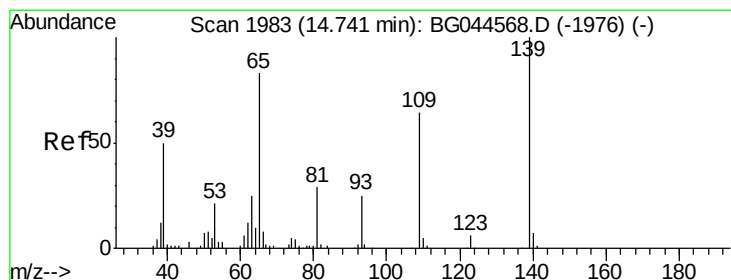
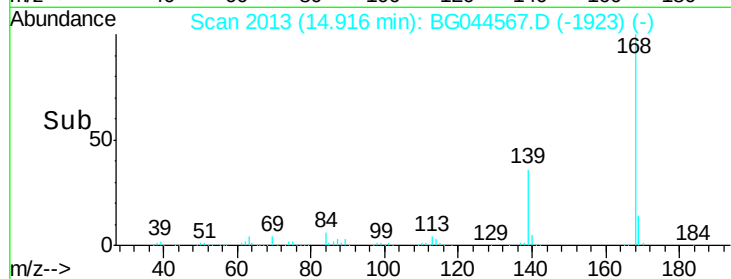
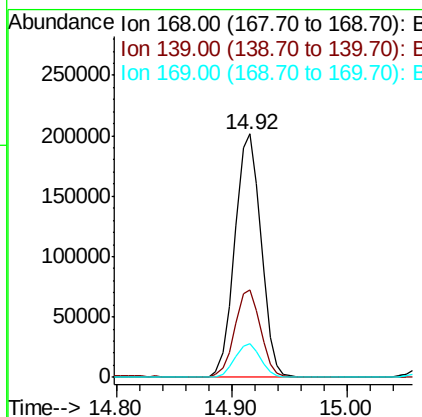
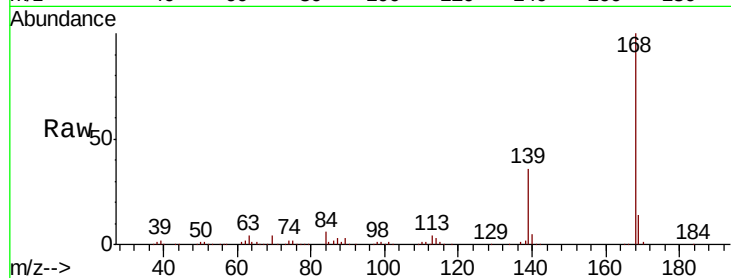




#55
Dibenzofuran
Concen: 23.132 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

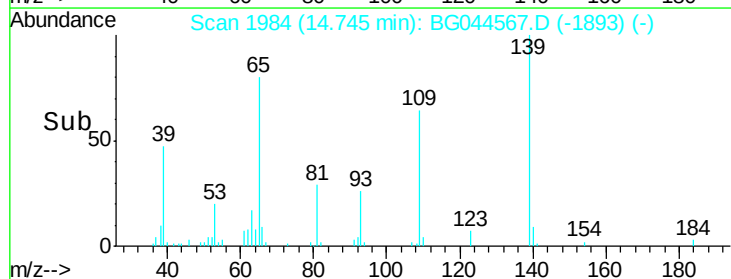
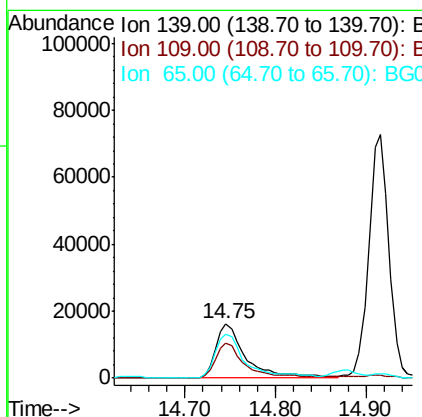
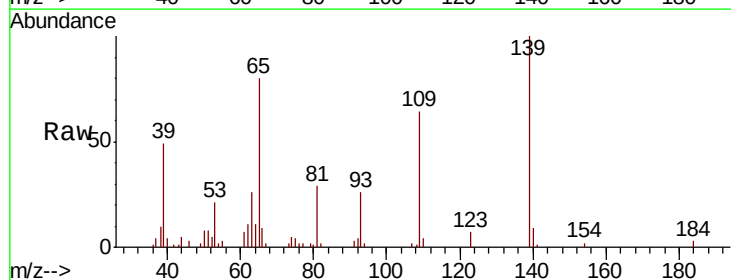
Instrument :
BNA_G
ClientSampleId :

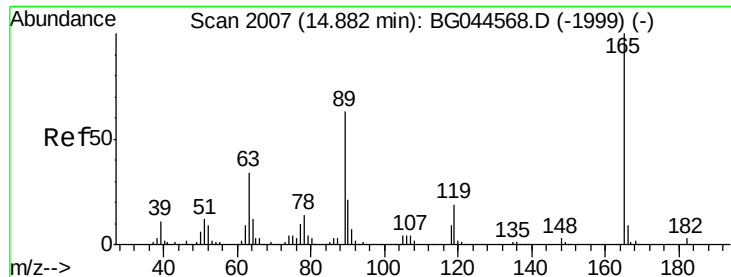
Tot Ion:168 Resp: 316945
Ion Ratio Lower Upper
168 100
139 36.1 29.2 43.8
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 17.482 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:139 Resp: 37657
Ion Ratio Lower Upper
139 100
109 63.8 43.8 83.8
65 80.3 63.6 103.6

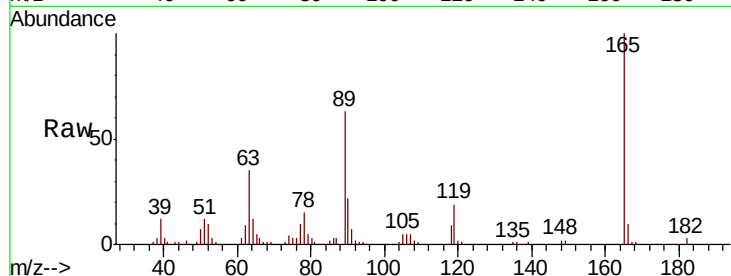




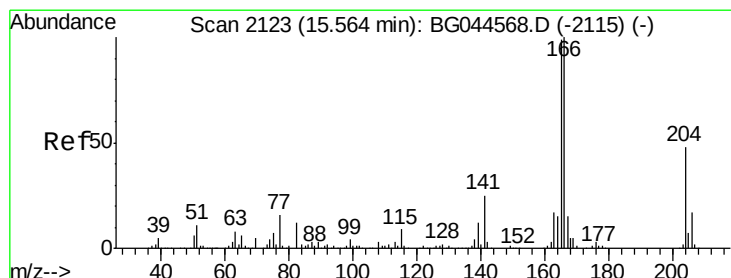
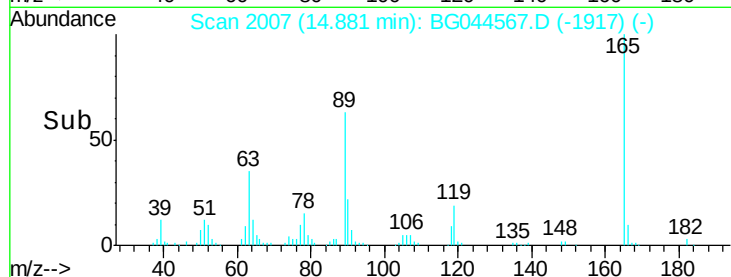
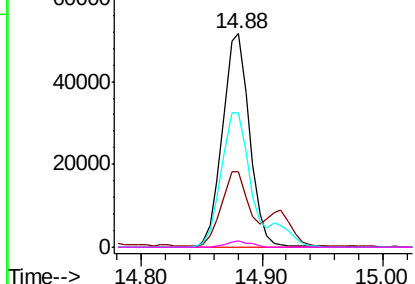
#57
 2,4-Dinitrotoluene
 Concen: 21.575 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	80375
Ion Ratio	Lower	Upper
165	100	
63	35.2	27.5 41.3
89	63.1	50.0 75.0
182	2.7	2.3 3.5

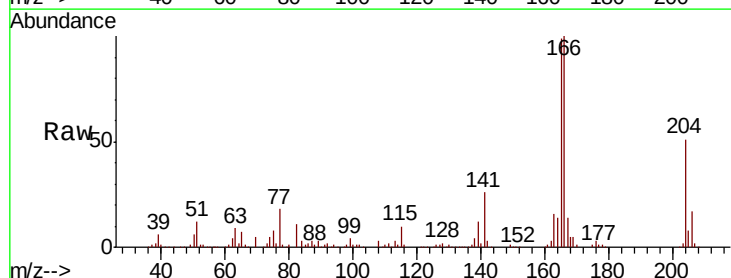


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

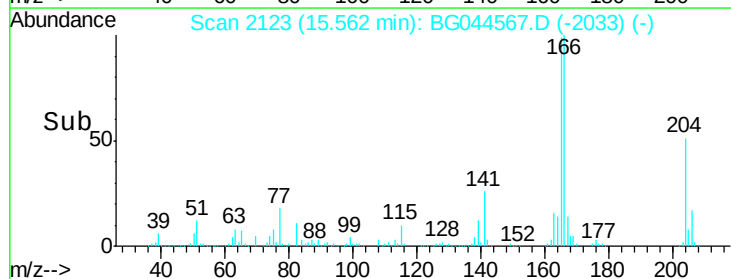
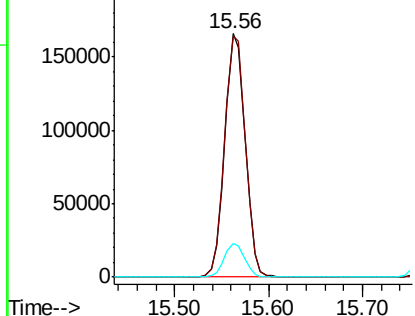


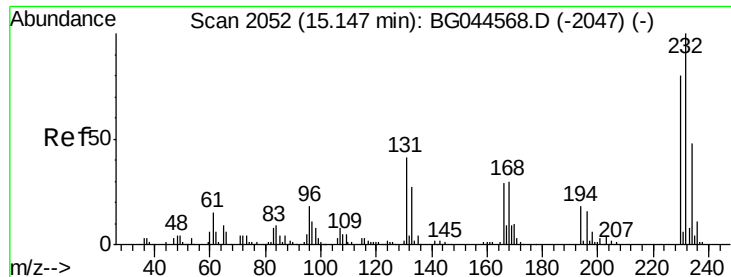
#58
 Fluorene
 Concen: 23.248 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion:166	Resp:	250892
Ion Ratio	Lower	Upper
166	100	
165	99.1	79.2 118.8
167	13.8	11.7 17.5



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

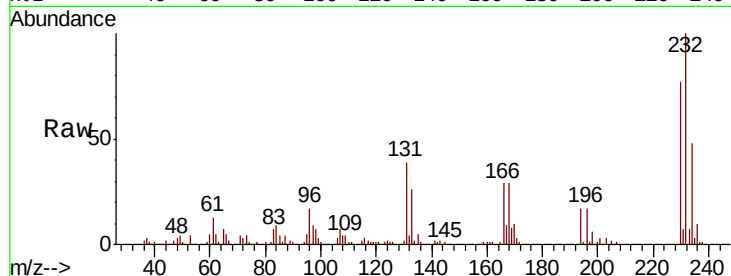




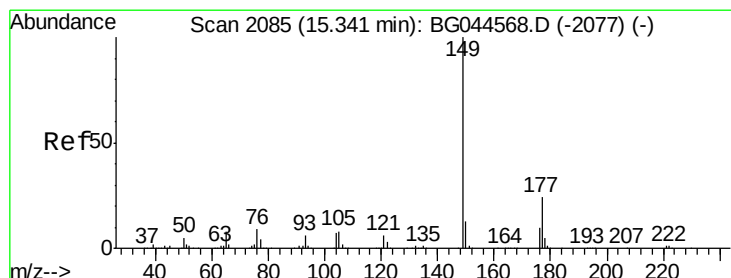
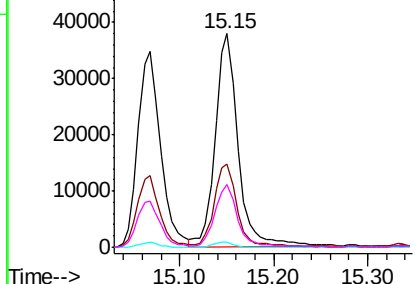
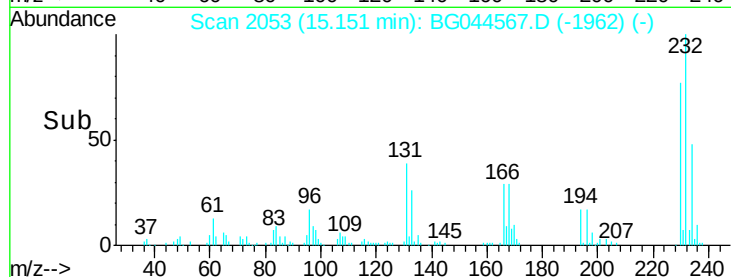
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.776 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	64422
Ion	Ratio	Lower	Upper
232	100		
131	40.1	31.8	47.6
130	2.0	1.8	2.6
166	30.0	22.7	34.1

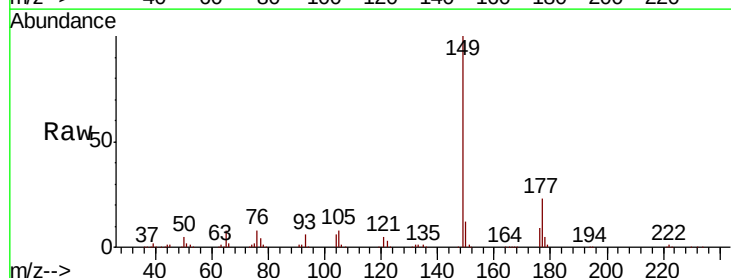


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

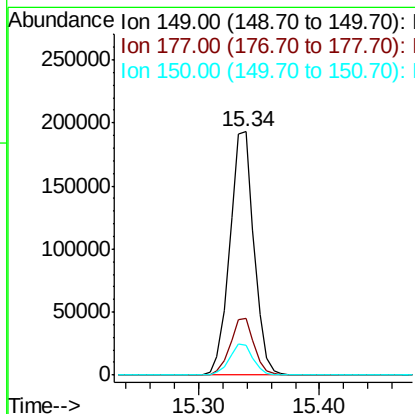
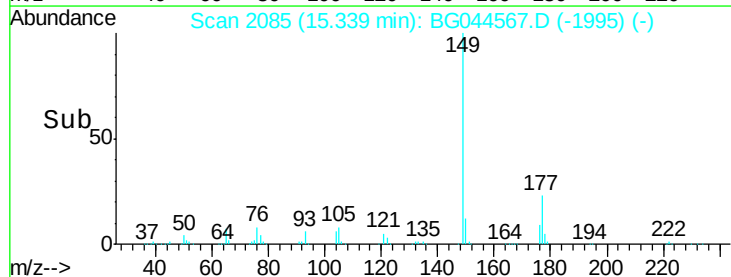


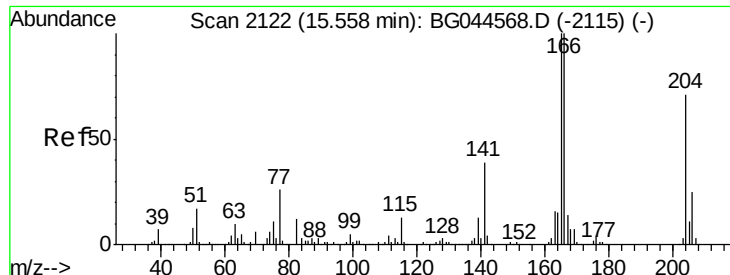
#60
 Diethylphthalate
 Concen: 22.604 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion:	149	Resp:	268502
Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.2	28.8
150	12.1	10.2	15.4



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

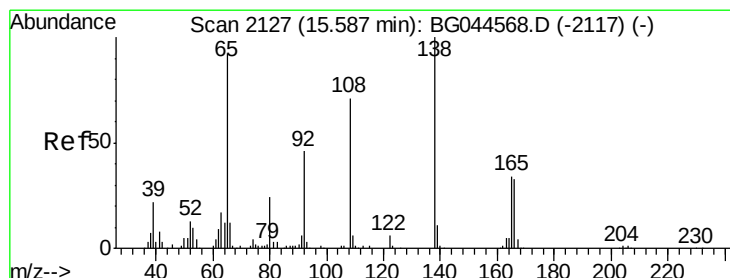
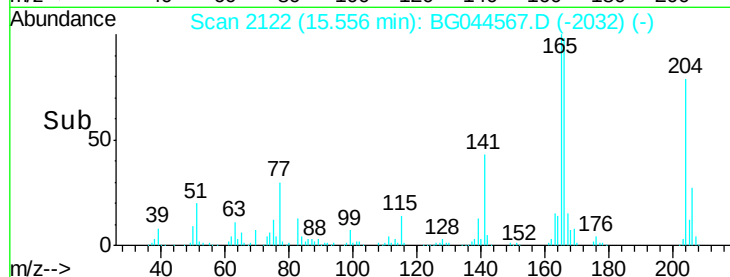
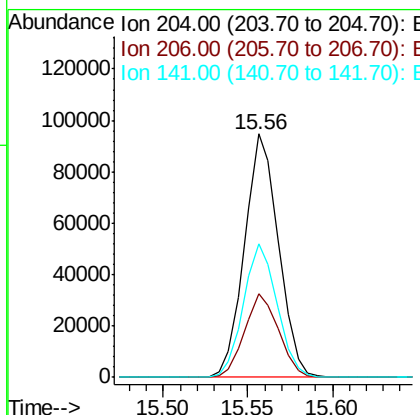
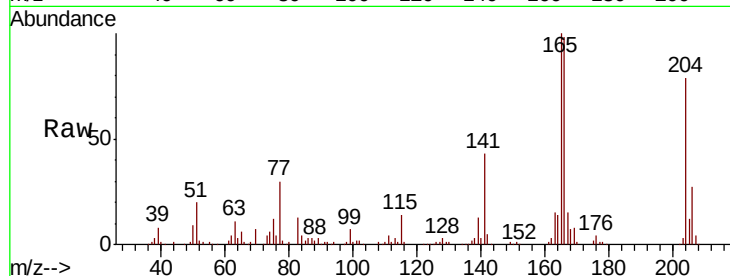




#61
 4-Chlorophenyl-phenylether
 Concen: 22.680 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

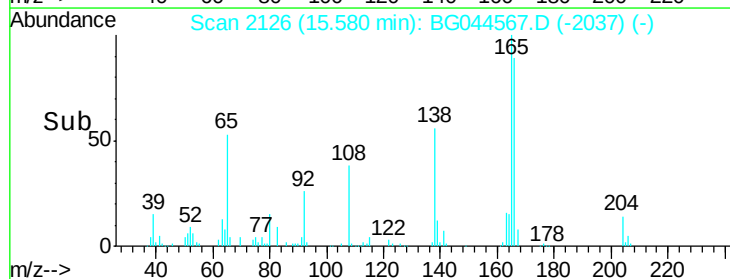
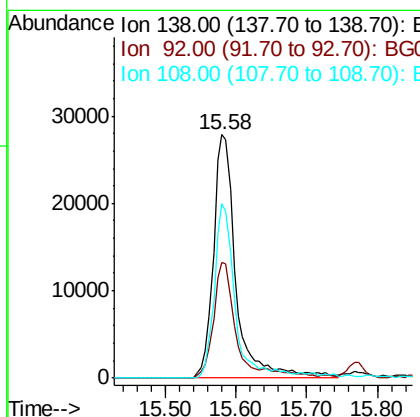
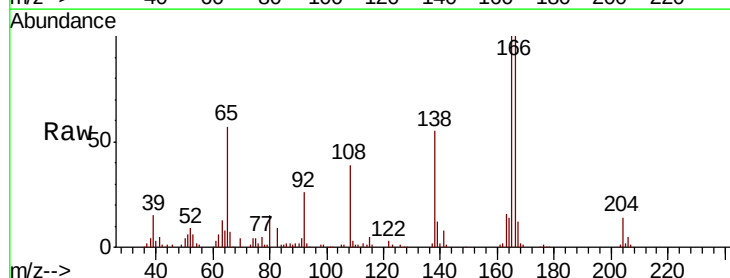
Instrument :
 BNA_G
 ClientSampleId :

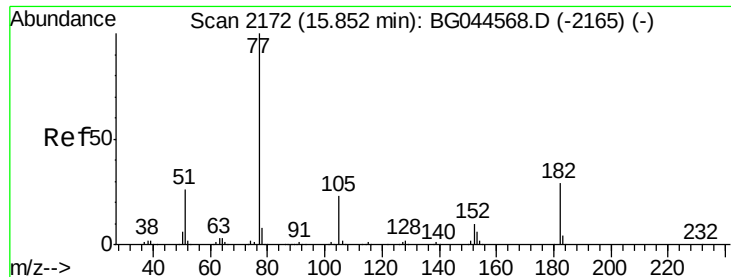
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.8	41.8
141	54.8	43.8	65.8



#62
 4-Nitroaniline
 Concen: 21.135 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	26.4	66.4
108	71.4	50.5	90.5





#63

Azobenzene

Concen: 21.940 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 228411

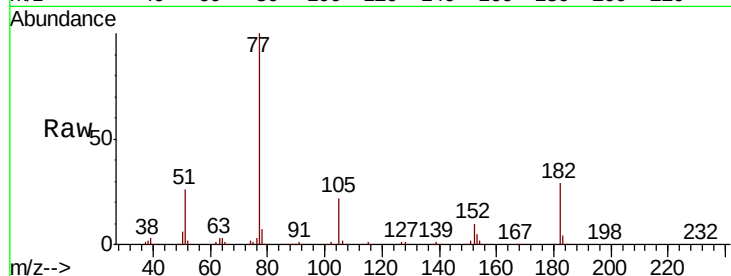
Ion Ratio Lower Upper

77 100

182 28.7 9.4 49.4

105 22.3 3.4 43.4

51 26.1 6.4 46.4

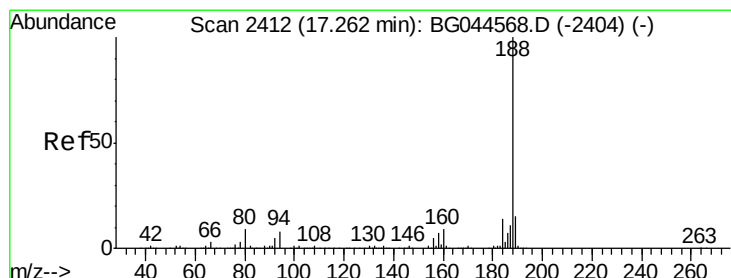
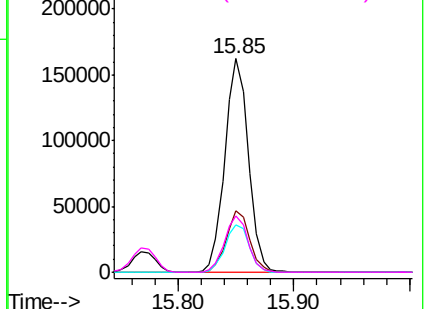
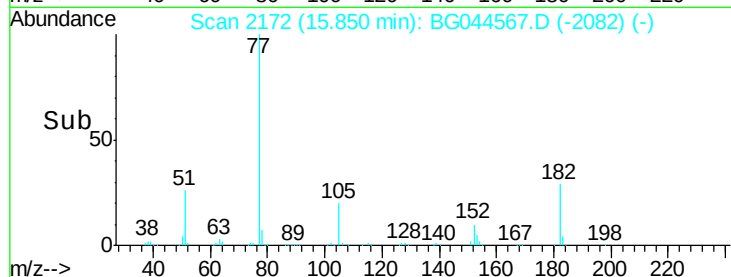


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

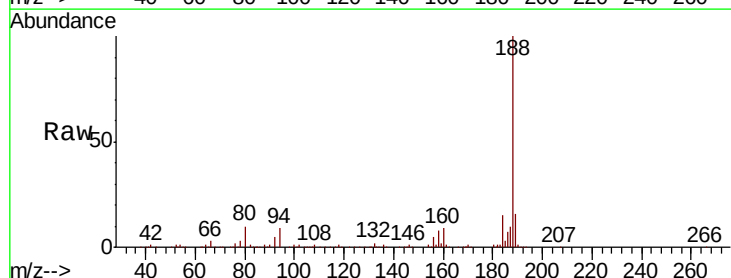
Tgt Ion: 188 Resp: 358564

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

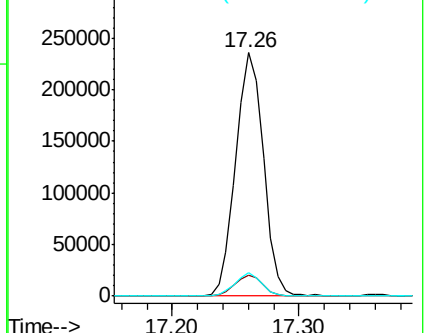
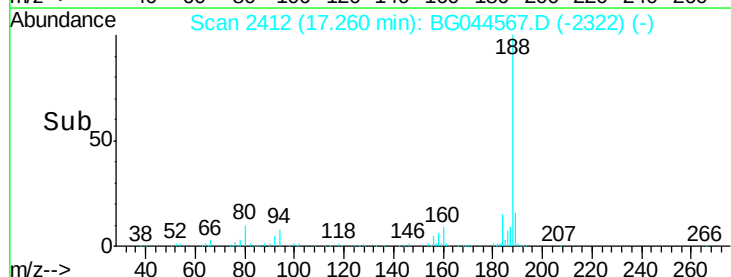
80 9.8 7.6 11.4

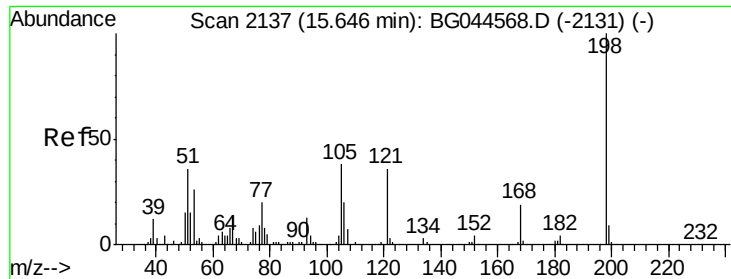


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 19.411 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampleId :

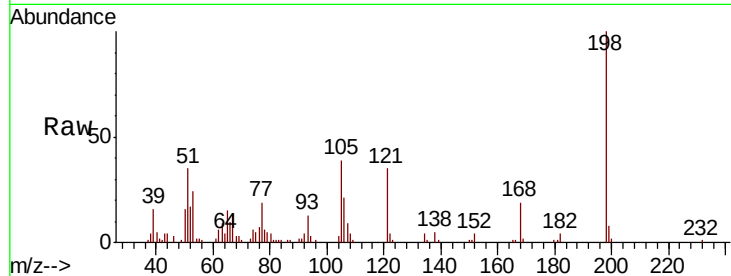
Tot Ion:198 Resp: 38419

Ion	Ratio	Lower	Upper
198	100		
51	35.1	17.0	57.0
105	38.8	18.4	58.4

198 100

51 35.1 17.0 57.0

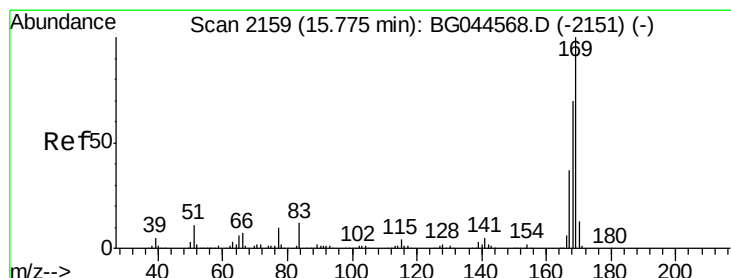
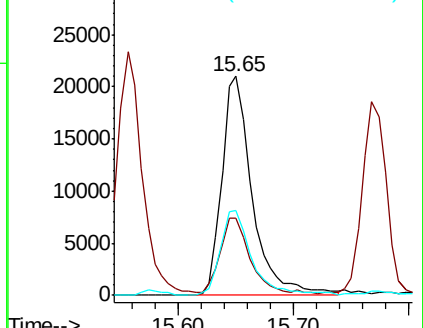
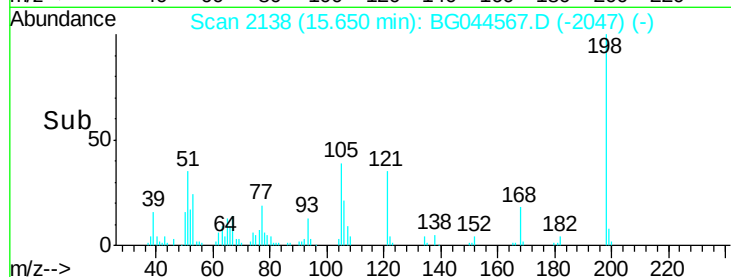
105 38.8 18.4 58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044567.D (-2047) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 22.338 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

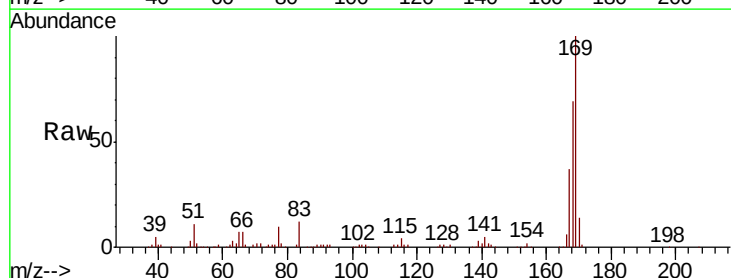
Tgt Ion:169 Resp: 224461

Ion	Ratio	Lower	Upper
169	100		
168	69.1	56.1	84.1
167	37.3	29.4	44.0

169 100

168 69.1 56.1 84.1

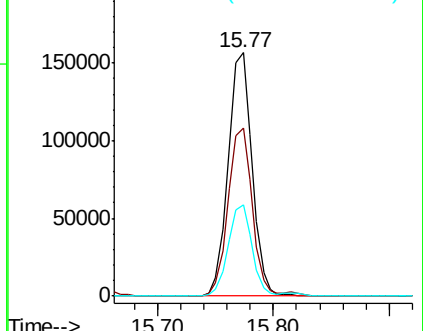
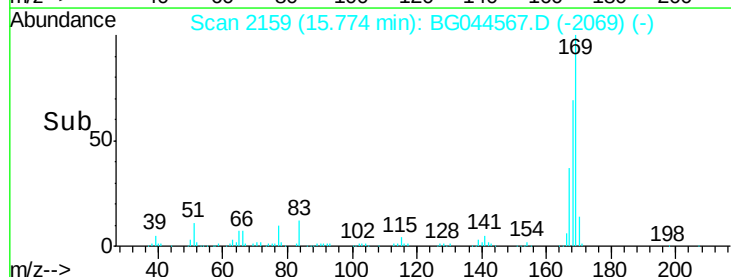
167 37.3 29.4 44.0

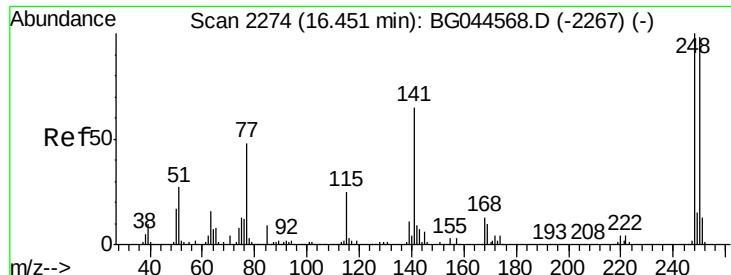


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

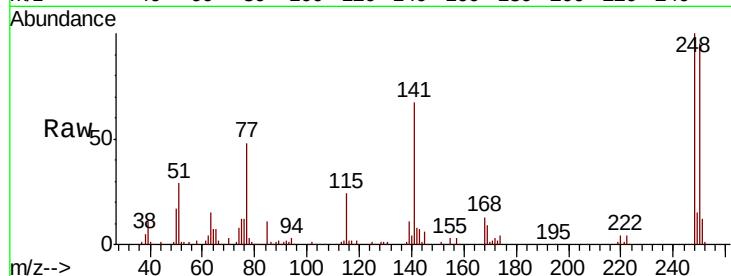




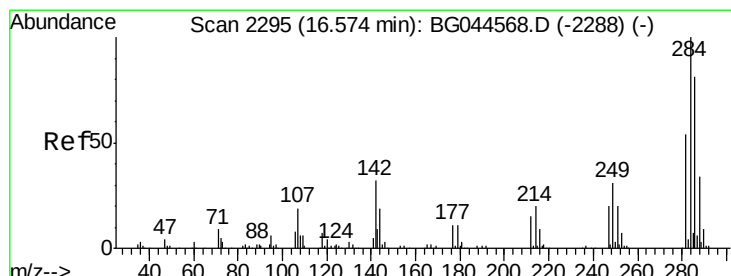
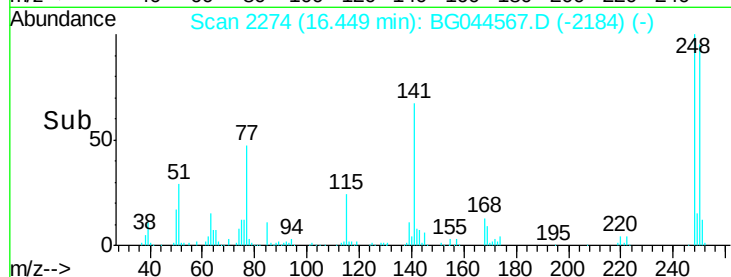
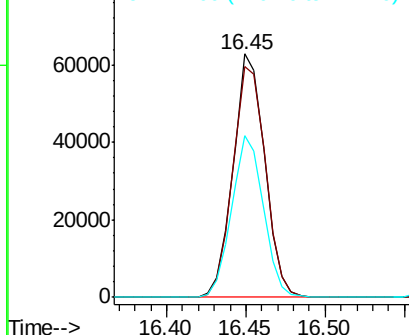
#67
4-Bromophenyl-phenylether
Concen: 22.237 ng
RT: 16.45 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 86871
Ion Ratio Lower Upper
248 100
250 94.6 78.7 118.1
141 66.6 52.3 78.5

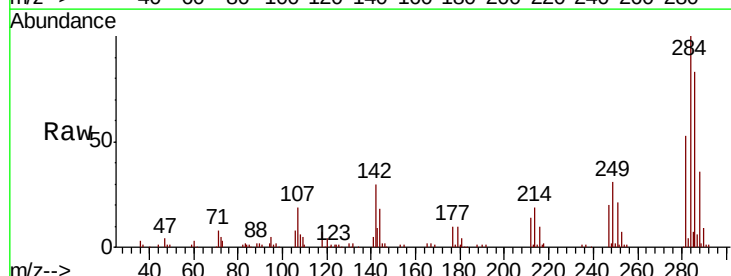


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

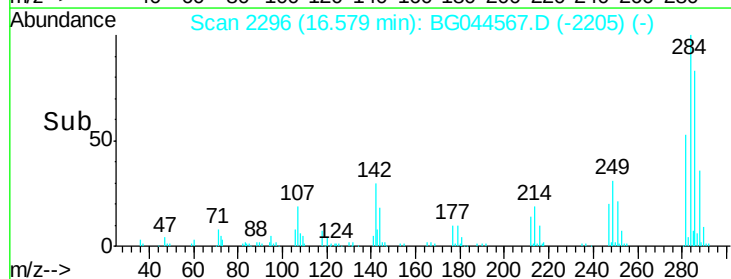
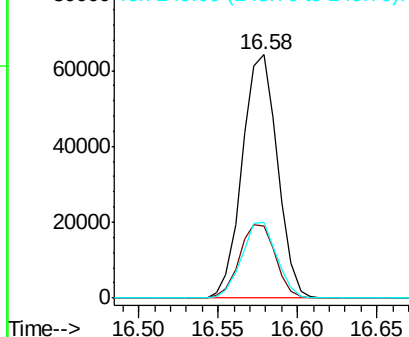


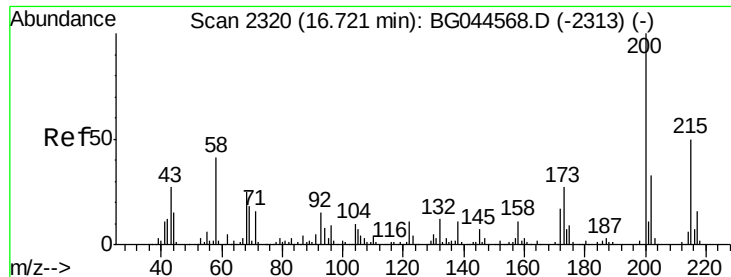
#68
Hexachlorobenzene
Concen: 22.555 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:284 Resp: 98716
Ion Ratio Lower Upper
284 100
142 29.5 25.6 38.4
249 31.1 24.6 36.8



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





#69

Atrazine

Concen: 24.076 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampled :

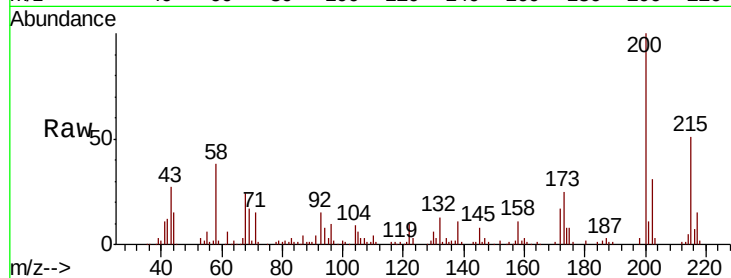
Tot Ion:200 Resp: 82920

Ion Ratio Lower Upper

200 100

173 24.9 6.6 46.6

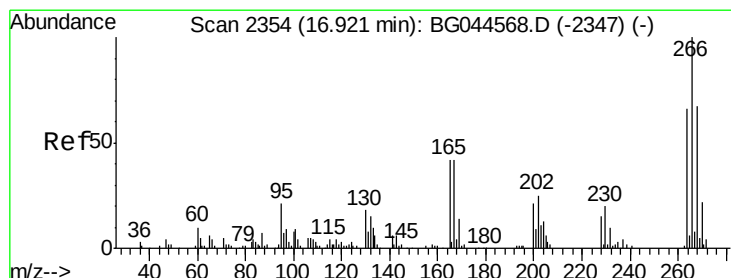
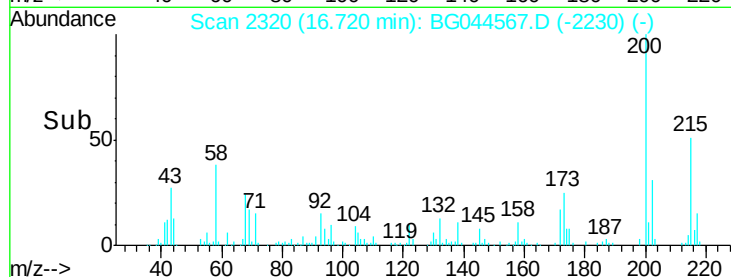
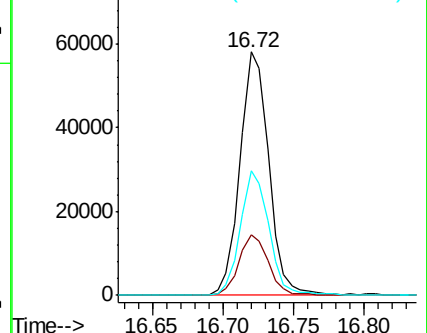
215 51.2 30.3 70.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 15.247 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

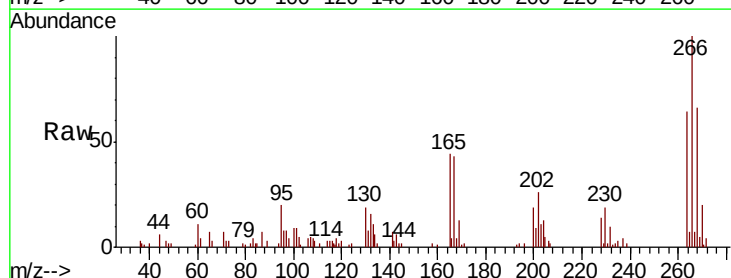
Tgt Ion:266 Resp: 30922

Ion Ratio Lower Upper

266 100

268 66.1 53.4 80.0

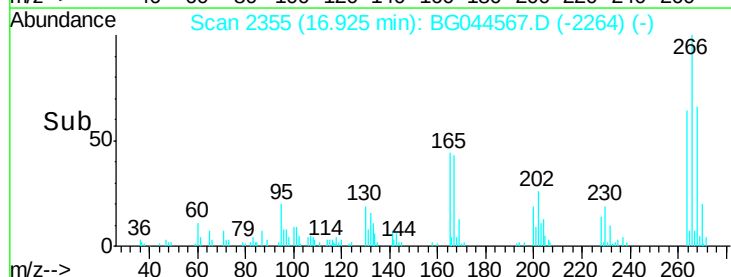
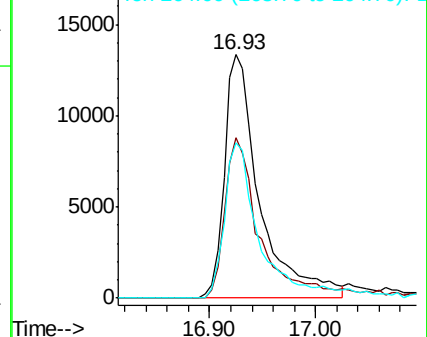
264 63.9 53.0 79.4

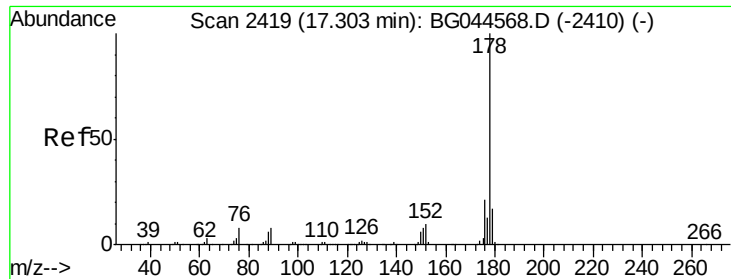


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

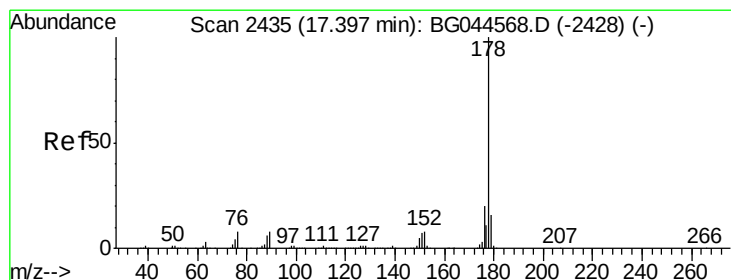
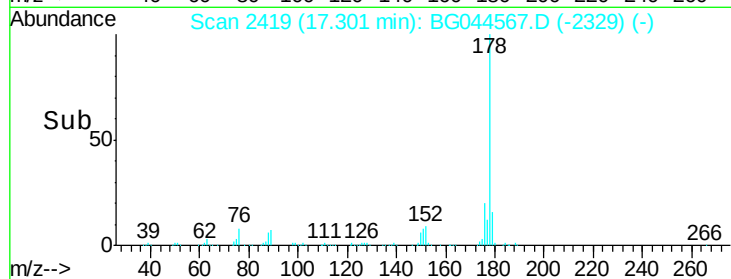
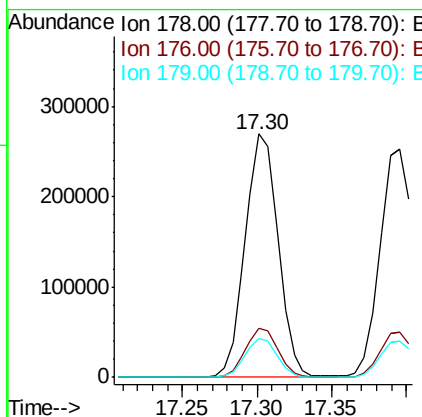
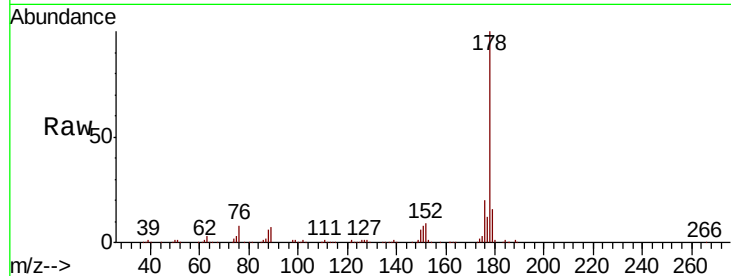




#71
Phenanthrene
Concen: 23.774 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

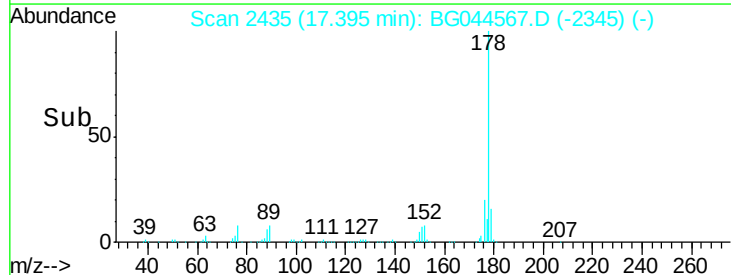
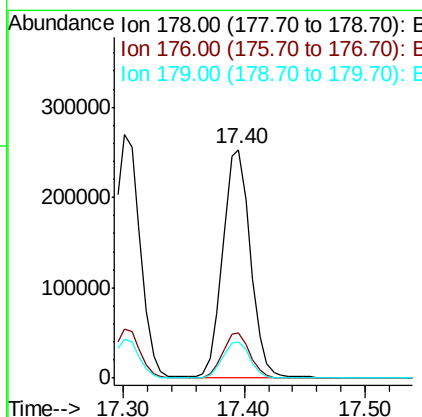
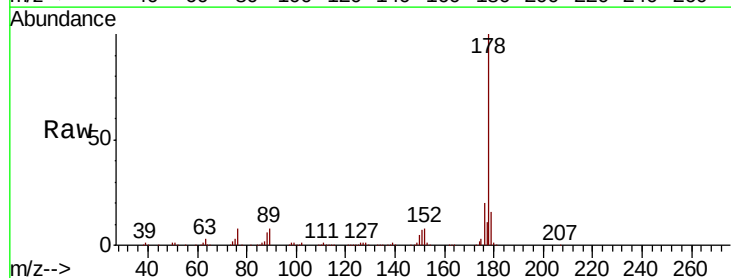
Instrument :
BNA_G
ClientSampleId :

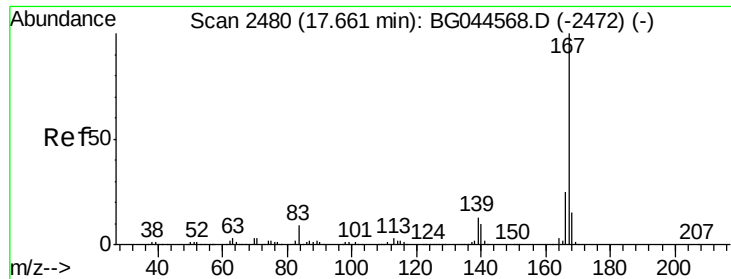
Tot Ion:178 Resp: 412781
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 16.1 13.3 19.9



#72
Anthracene
Concen: 23.360 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:178 Resp: 400991
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.8 13.1 19.7

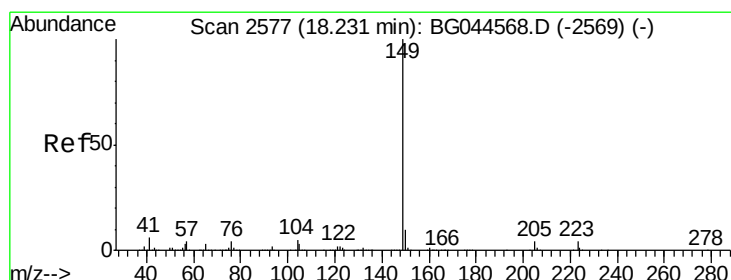
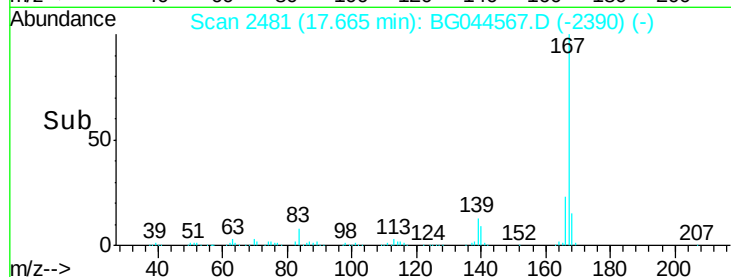
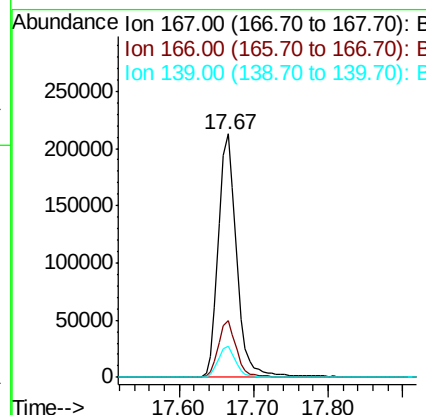
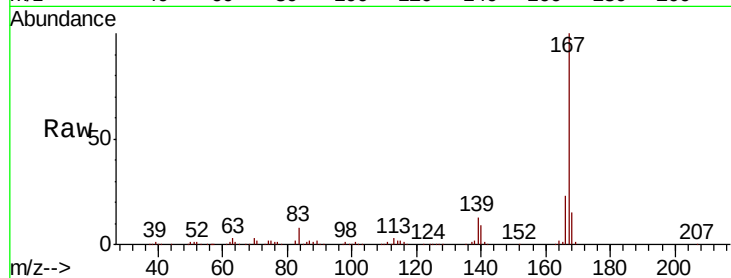




#73
 Carbazole
 Concen: 23.020 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

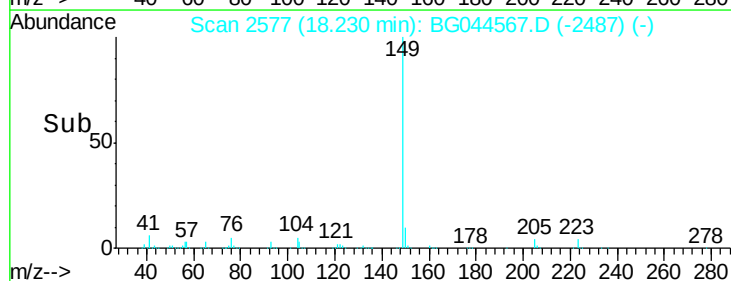
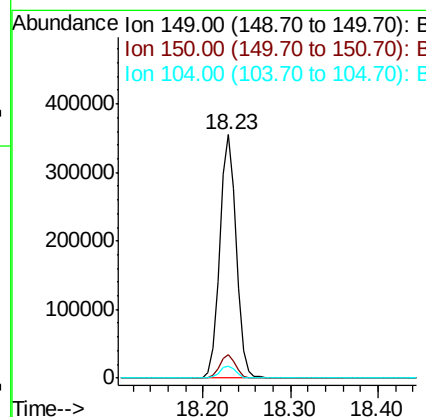
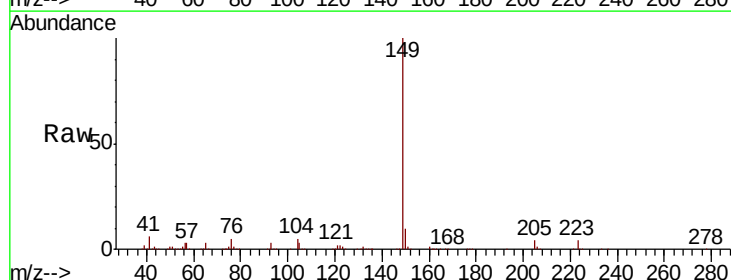
Instrument :
 BNA_G
 ClientSampled :

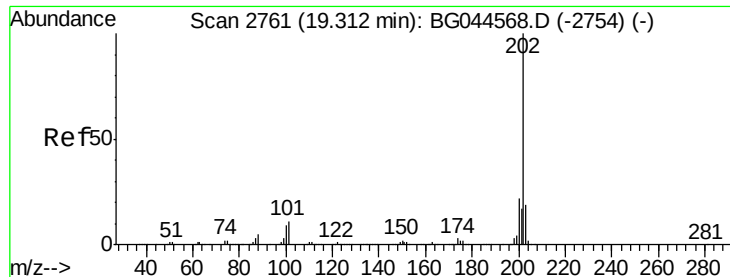
Tot Ion:167 Resp: 364293
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.7 29.5
 139 13.0 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 23.711 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion:149 Resp: 463685
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 24.362 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044567.D

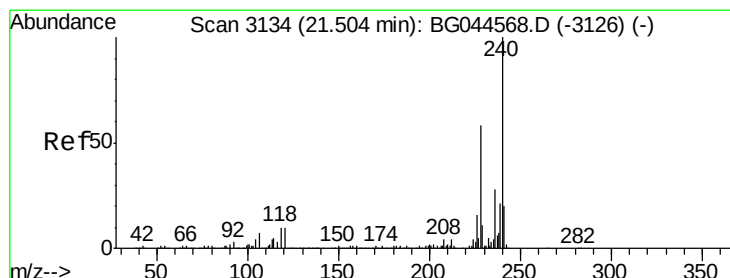
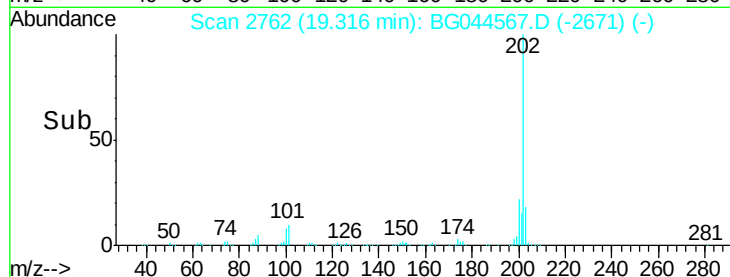
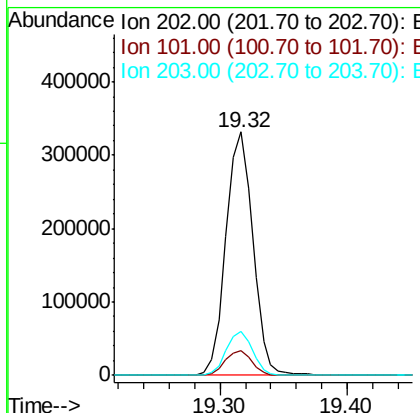
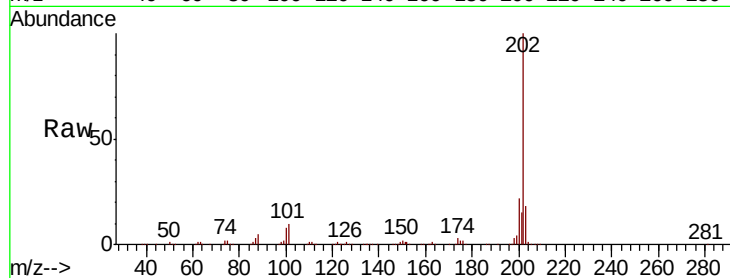
Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	489317
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.0
203	18.0	0.0	39.2



#76

Chrysene-d12

Concen: 20.000 ng

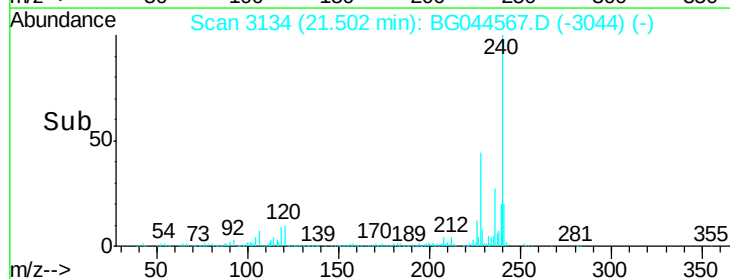
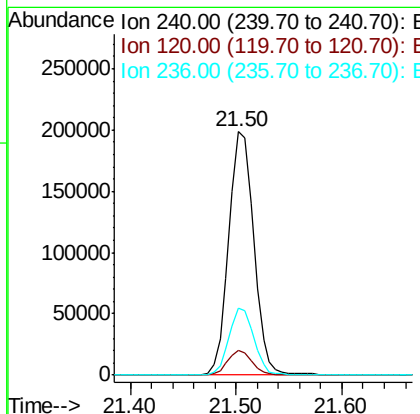
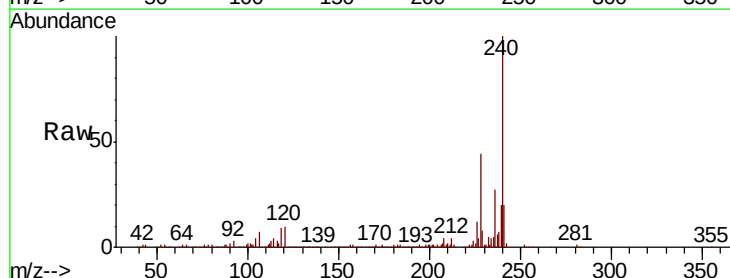
RT: 21.50 min Scan# 3134

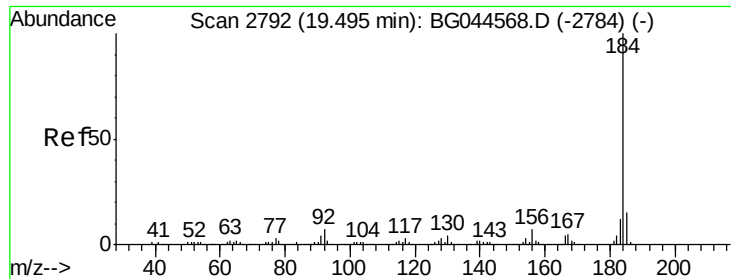
Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Tgt Ion:	240	Resp:	326386
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	27.5	22.3	33.5





#77

Benzidine

Concen: 23.631 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampleId :

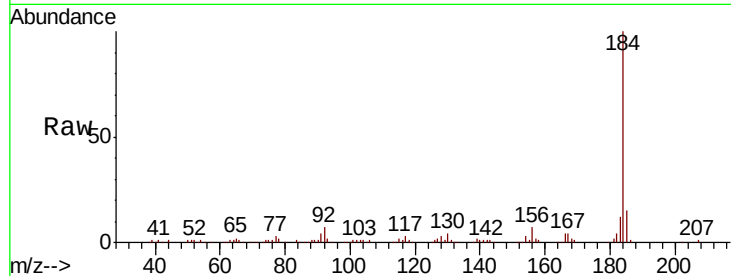
Tot Ion:184 Resp: 213933

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.4

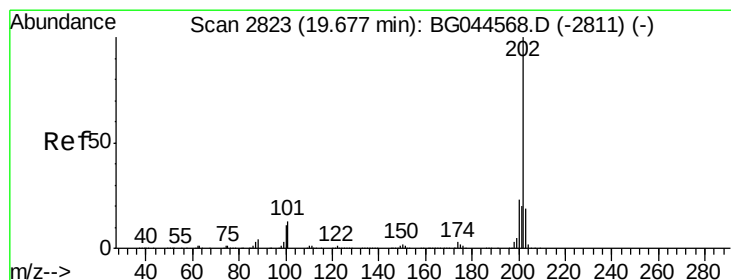
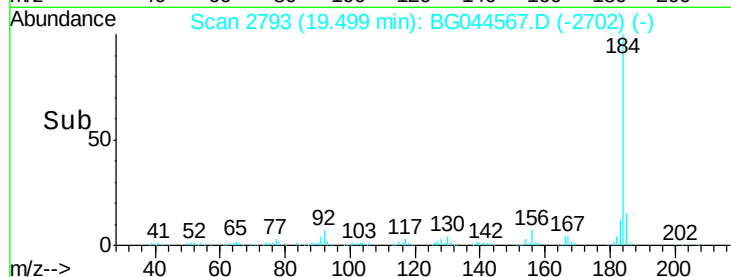
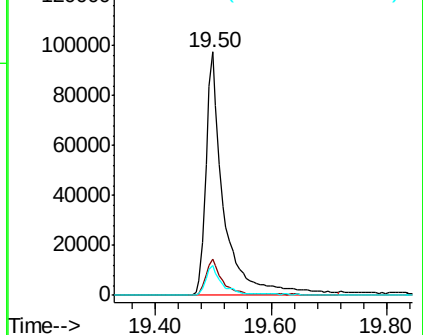
183 12.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 23.969 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

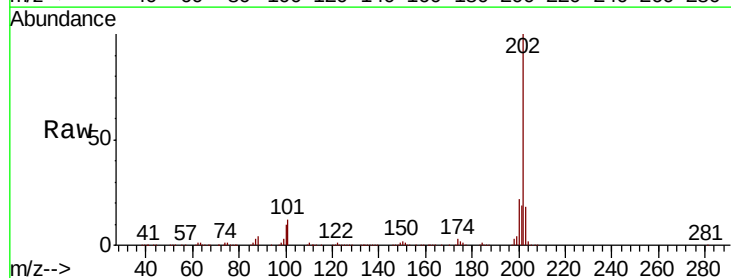
Tgt Ion:202 Resp: 502403

Ion Ratio Lower Upper

202 100

200 22.0 18.6 28.0

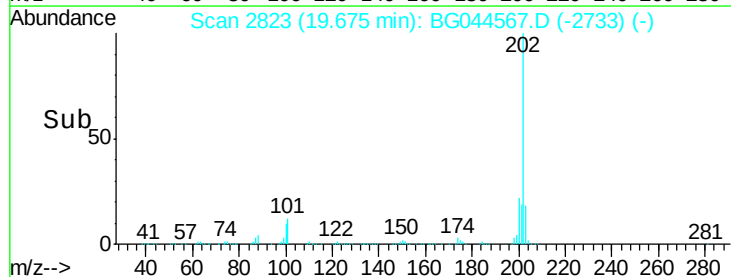
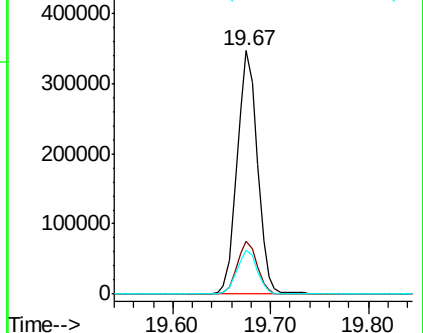
203 18.0 15.3 22.9

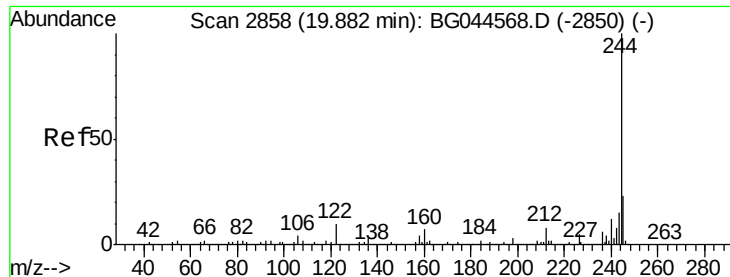


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.418 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampleId :

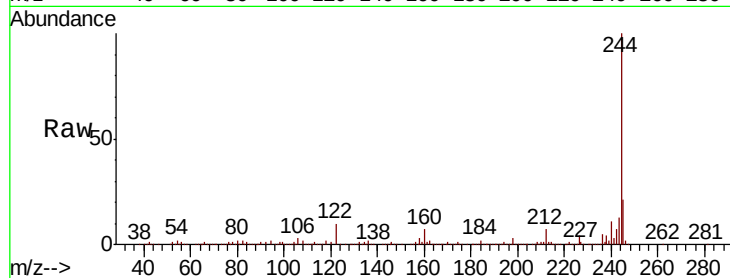
Tot Ion:244 Resp: 768308

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

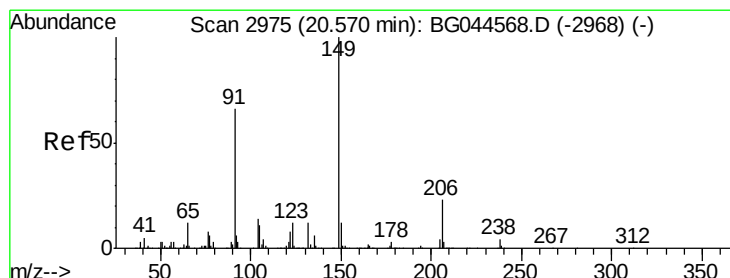
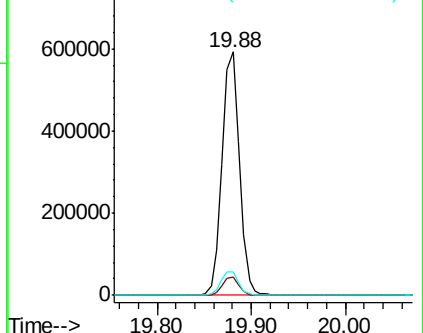
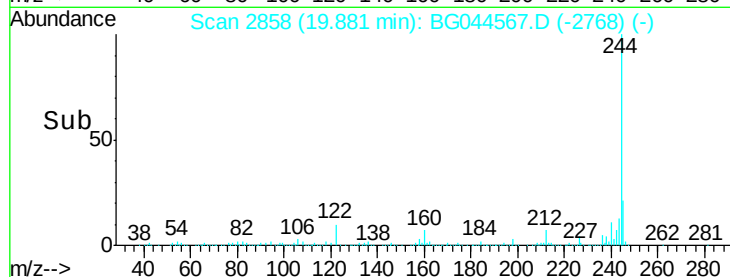
122 9.6 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 21.749 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

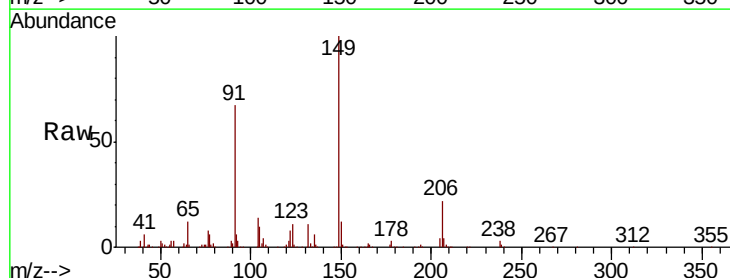
Tgt Ion:149 Resp: 207747

Ion Ratio Lower Upper

149 100

91 66.9 52.7 79.1

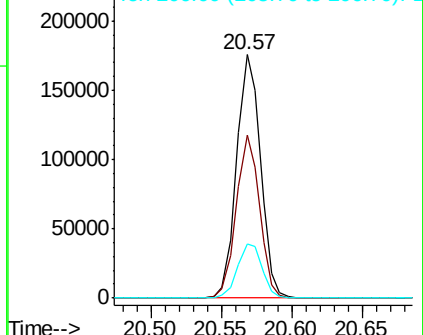
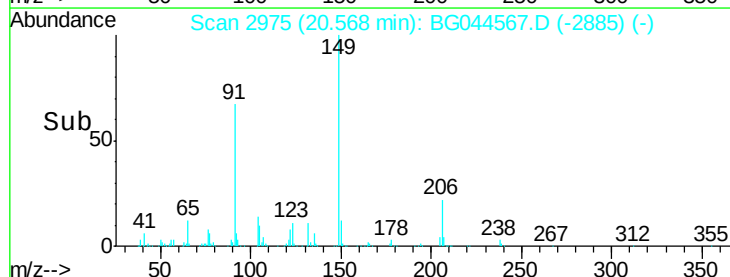
206 22.1 18.6 28.0

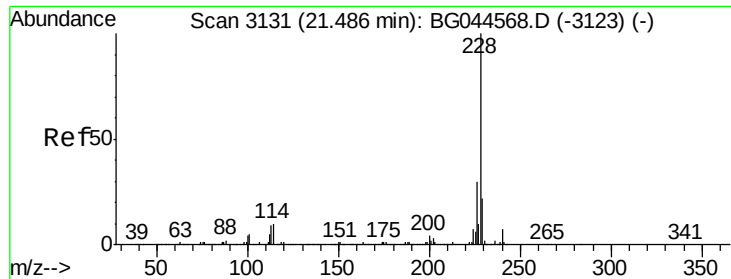


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 23.612 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampleId :

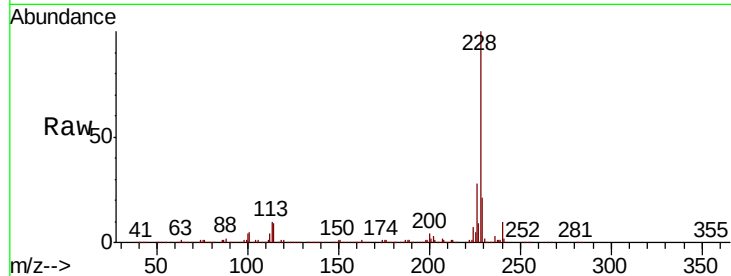
Tot Ion:228 Resp: 474968

Ion Ratio Lower Upper

228 100

226 28.0 23.8 35.8

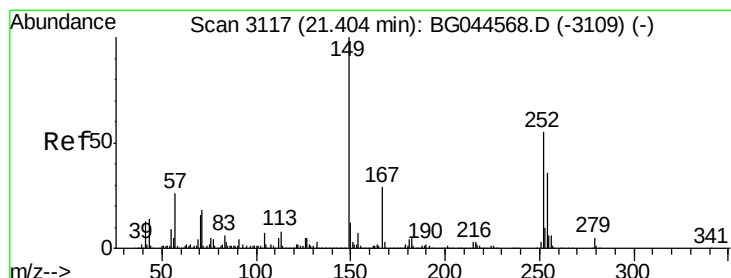
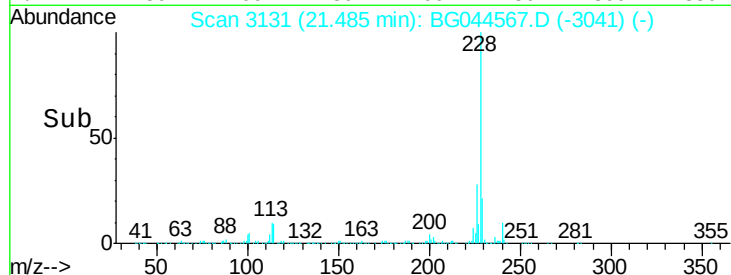
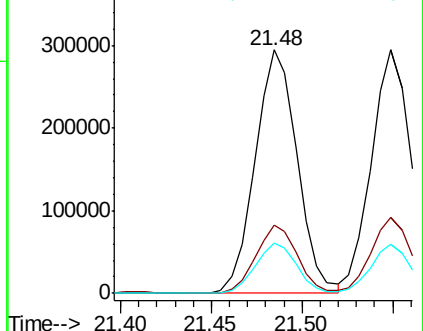
229 20.6 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.116 ng

RT: 21.41 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

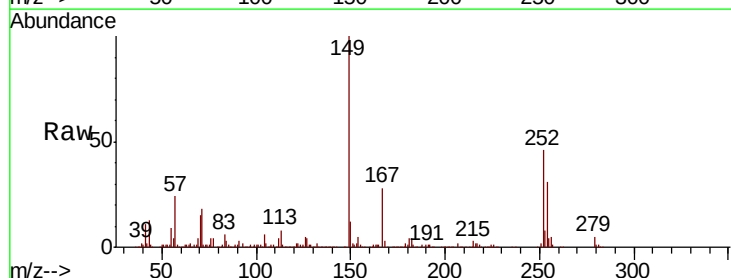
Tgt Ion:252 Resp: 180468

Ion Ratio Lower Upper

252 100

254 65.7 51.5 77.3

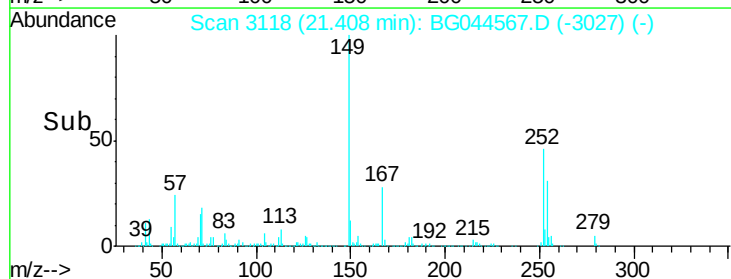
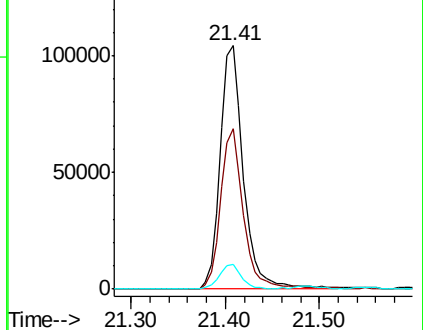
126 9.9 7.8 11.6

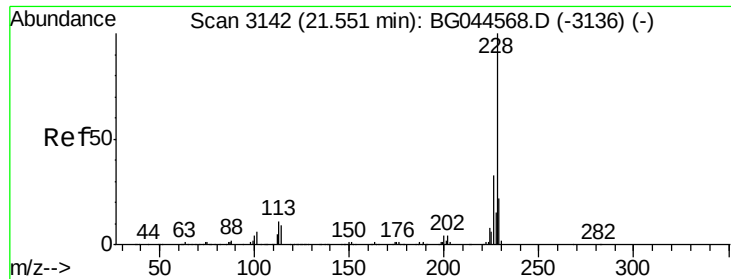


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

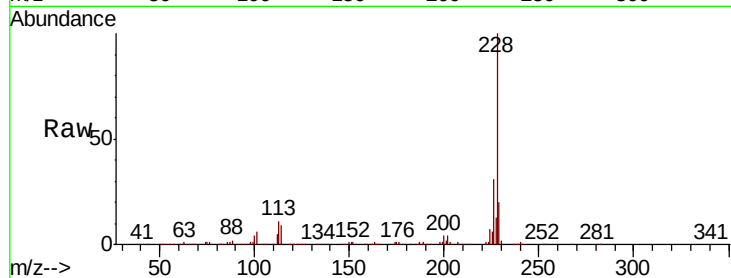




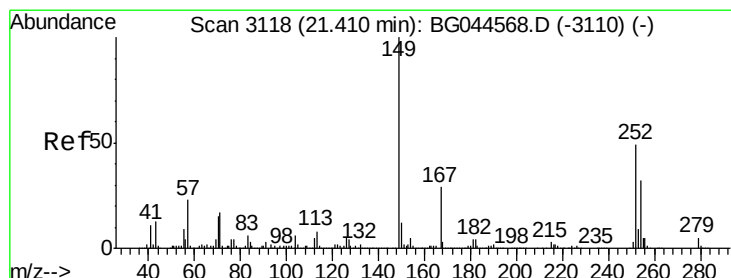
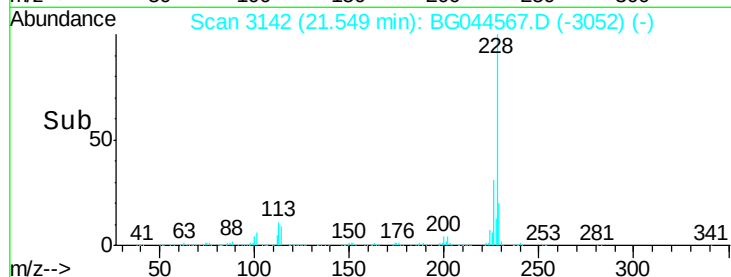
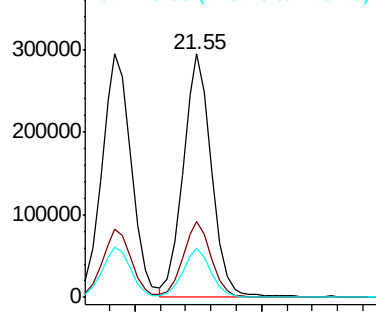
#83
 Chrysene
 Concen: 23.275 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 452541
 Ion Ratio Lower Upper
 228 100
 226 31.1 26.1 39.1
 229 20.0 17.2 25.8

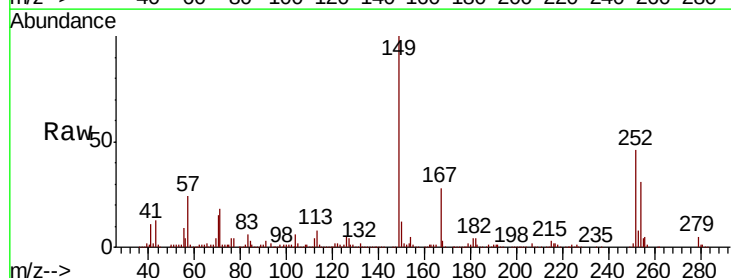


Abundance Ion 228.00 (227.70 to 228.70): E
 400000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

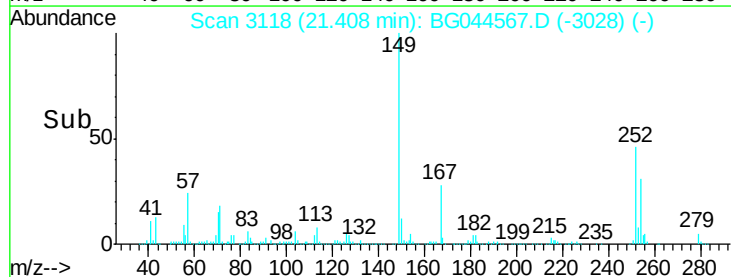
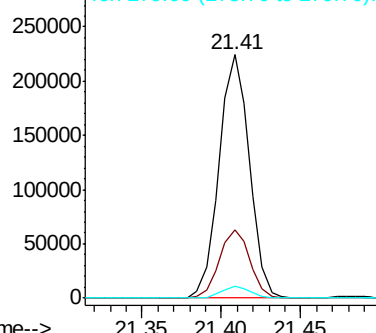


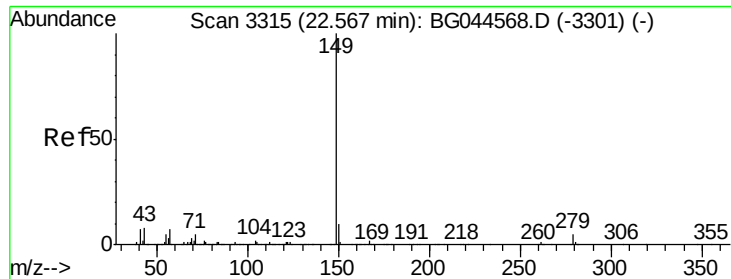
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.680 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG044567.D
 Acq: 24 Feb 2020 11:55

Tgt Ion:149 Resp: 298179
 Ion Ratio Lower Upper
 149 100
 167 28.0 23.4 35.0
 279 4.7 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 300000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

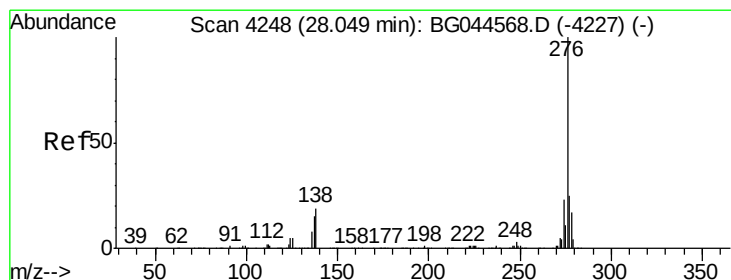
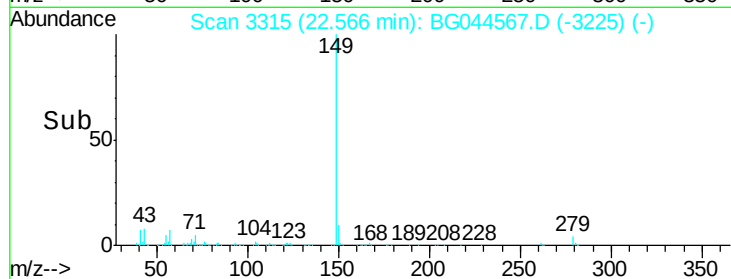
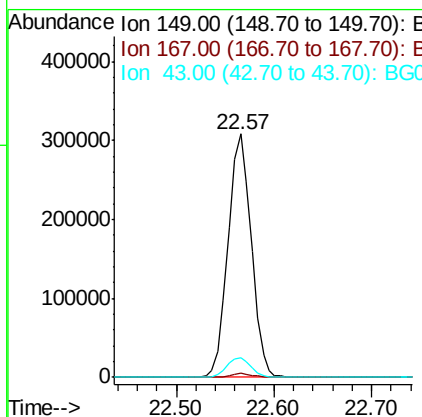
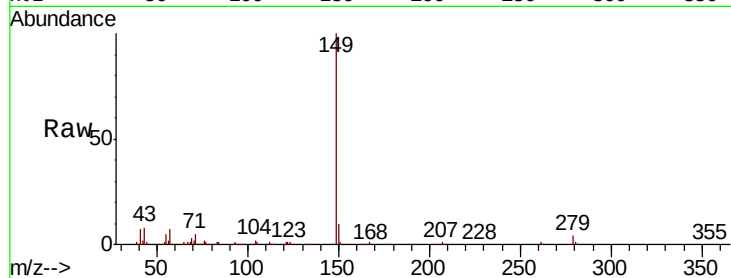




#85
Di-n-octyl phthalate
Concen: 22.408 ng
RT: 22.57 min Scan# 3315
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

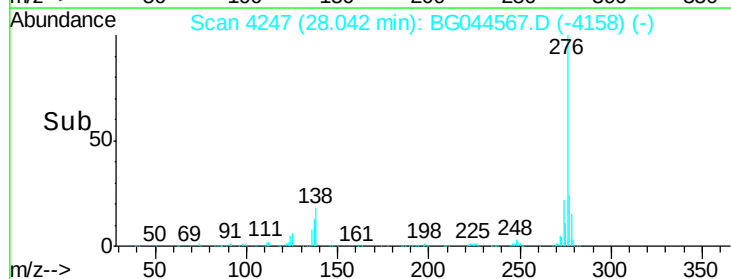
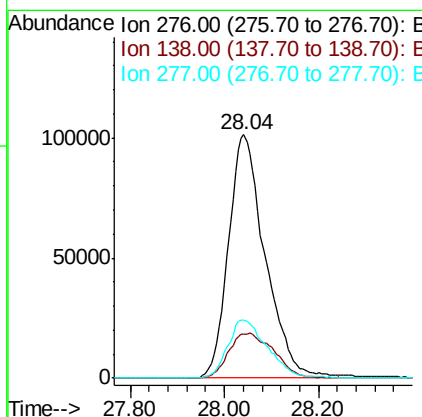
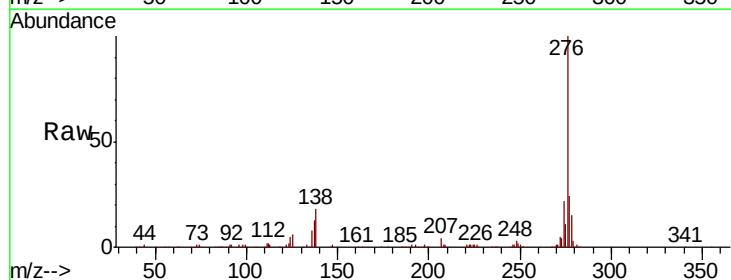
Instrument :
BNA_G
ClientSampleId :

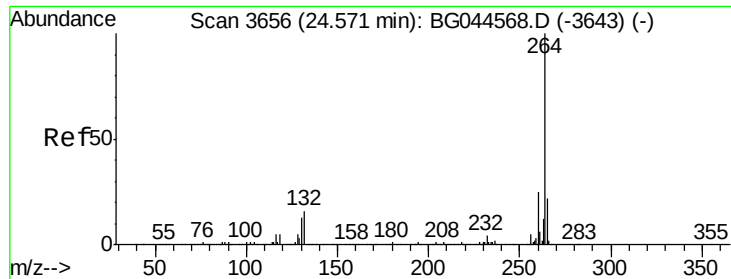
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.3	6.6	10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 21.635 ng
RT: 28.04 min Scan# 4247
Delta R.T. -0.01 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.4
277	25.8	20.7	31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

Instrument :

BNA_G

ClientSampleId :

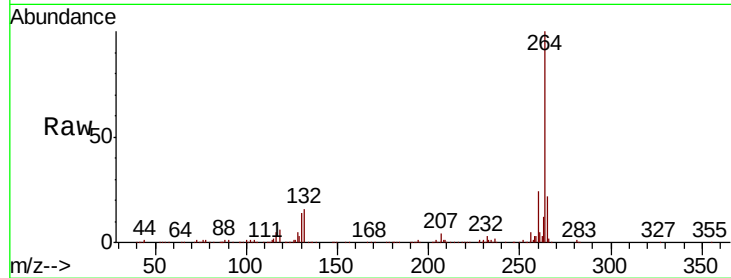
Tot Ion:264 Resp: 375225

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

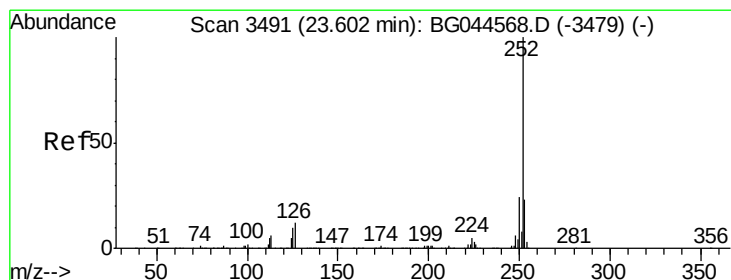
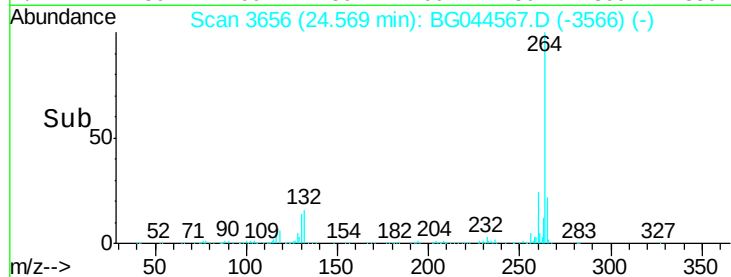
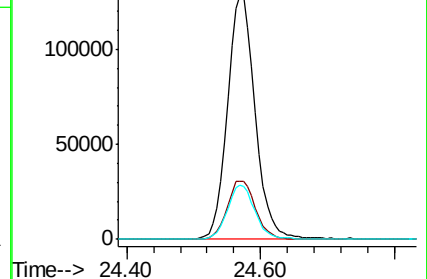
265 22.2 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 22.696 ng

RT: 23.61 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BG044567.D

Acq: 24 Feb 2020 11:55

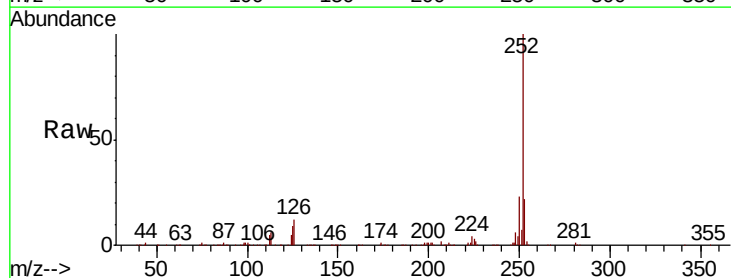
Tgt Ion:252 Resp: 490725

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

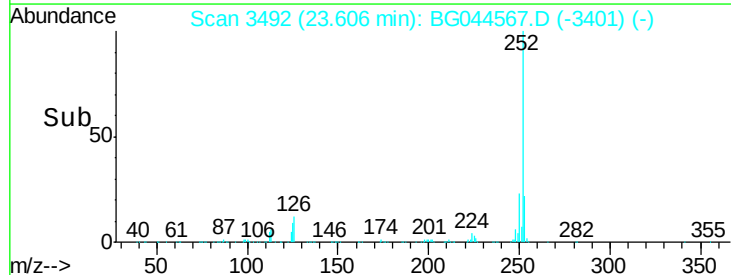
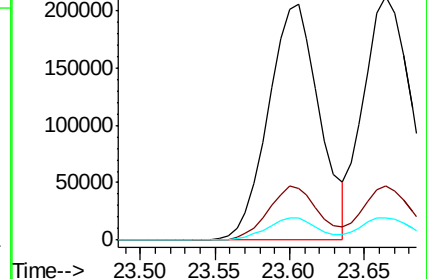
125 9.2 7.9 11.9

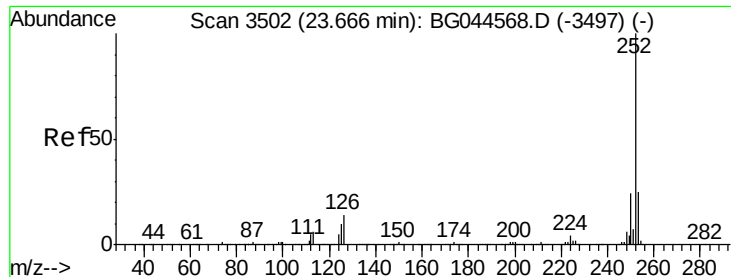


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

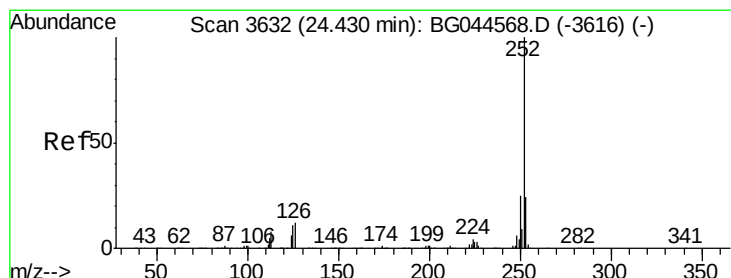
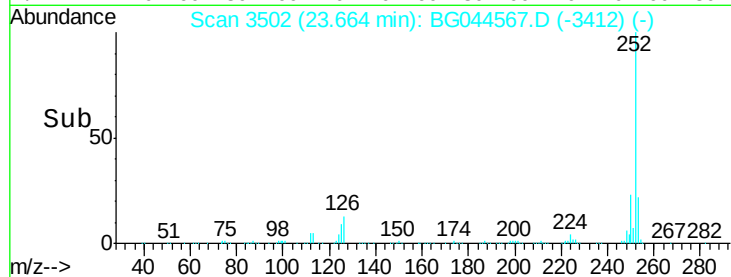
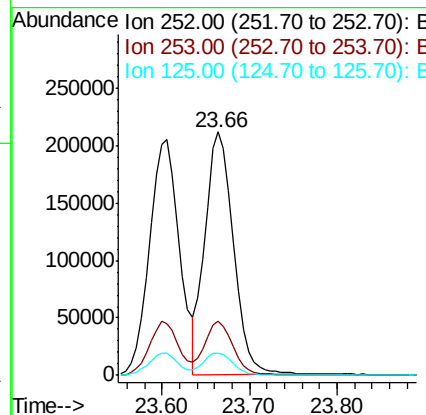
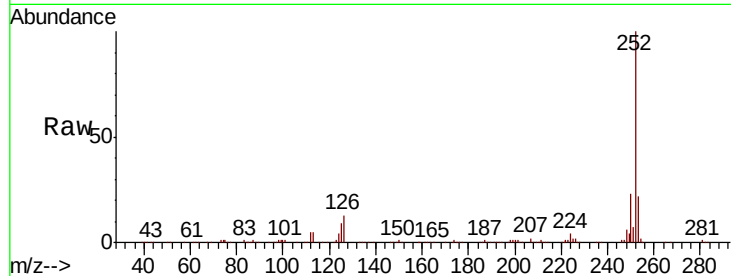




#89
Benzo(k)fluoranthene
Concen: 22.821 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

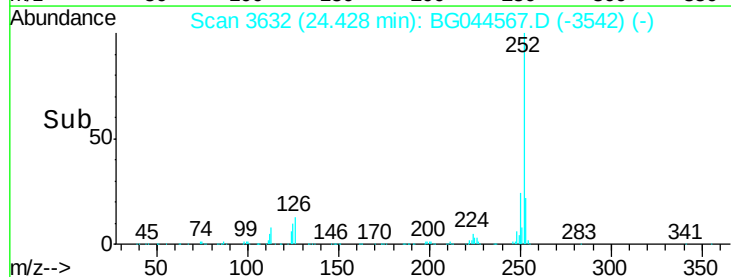
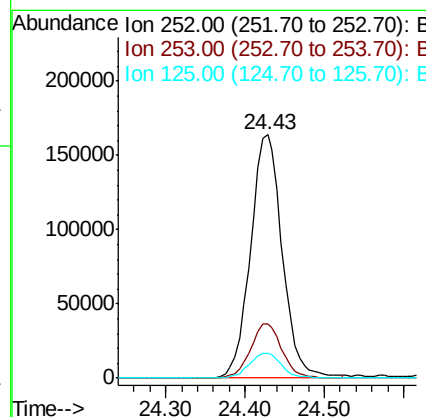
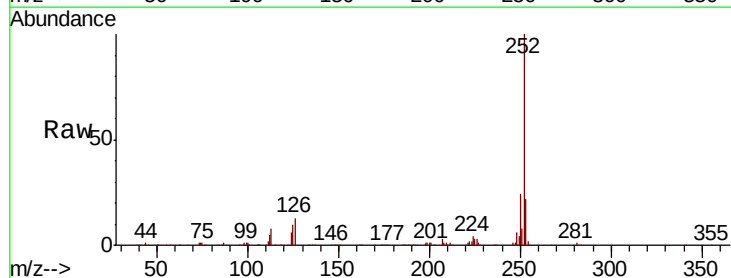
Instrument :
BNA_G
ClientSampled :

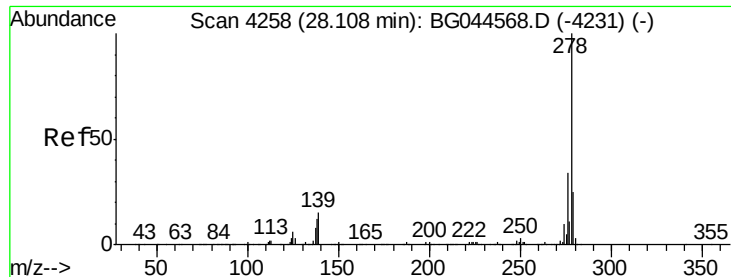
Tot Ion:252 Resp: 480907
Ion Ratio Lower Upper
252 100
253 22.3 19.0 28.6
125 9.1 7.8 11.8



#90
Benzo(a)pyrene
Concen: 22.364 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion:252 Resp: 457198
Ion Ratio Lower Upper
252 100
253 22.2 19.0 28.4
125 10.3 8.5 12.7

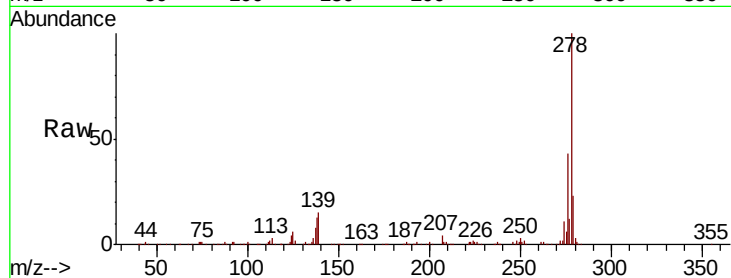




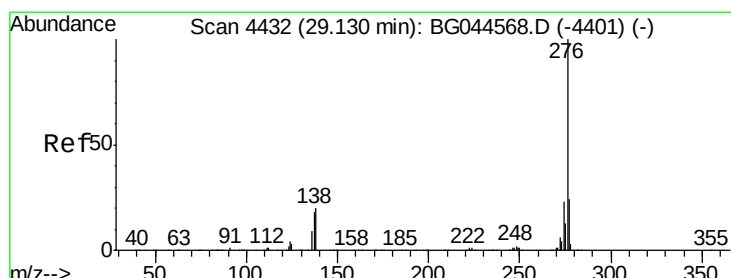
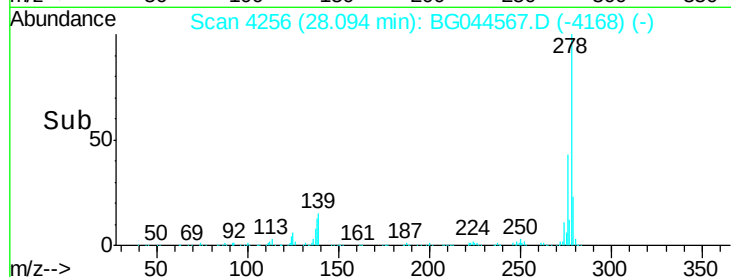
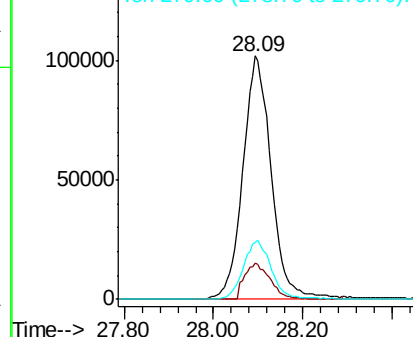
#91
Dibenzo(a,h)anthracene
Concen: 22.069 ng
RT: 28.09 min Scan# 4256
Delta R.T. -0.01 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	23.4	19.8	29.6

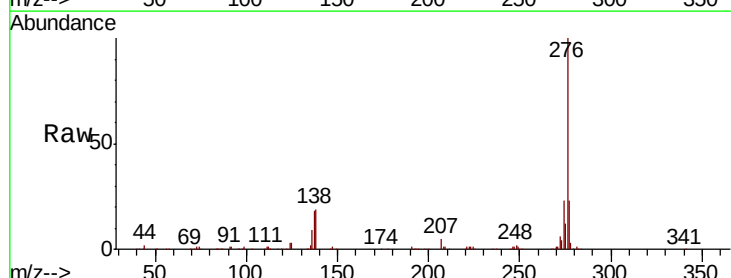


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 22.215 ng
RT: 29.12 min Scan# 4430
Delta R.T. -0.01 min
Lab File: BG044567.D
Acq: 24 Feb 2020 11:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	19.1	16.1	24.1



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

