

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044663.D
 Acq On : 3 Mar 2020 15:20
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:44:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	71416	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	284634	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	176305	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	383618	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	365908	20.00	ng	-0.06
87) Perylene-d12	24.46	264	415694	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	363538	81.67	ng	-0.07
7) Phenol-d6	6.98	99	474399	77.86	ng	-0.07
23) Nitrobenzene-d5	8.96	82	427333	77.35	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	181887	72.76	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	939653	76.32	ng	-0.06
79) Terphenyl-d14	19.83	244	1419018	73.41	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	79526	40.944	ng	98
3) Pyridine	3.64	79	218311	40.281	ng	99
4) n-Nitrosodimethylamine	3.56	42	83838	40.730	ng	98
6) Aniline	7.13	93	284285	38.324	ng	98
8) 2-Chlorophenol	7.37	128	187733	38.637	ng	97
9) Benzaldehyde	6.94	77	132682	37.035	ng	99
10) Phenol	7.01	94	226701	38.396	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	190291	38.338	ng	96
12) 1,3-Dichlorobenzene	7.69	146	227043	39.178	ng	98
13) 1,4-Dichlorobenzene	7.84	146	225116	38.652	ng	99
14) 1,2-Dichlorobenzene	8.16	146	211254	38.142	ng	99
15) Benzyl Alcohol	8.05	79	160784	39.130	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.34	45	265345	39.778	ng	99
17) 2-Methylphenol	8.26	107	159220	37.748	ng	96
18) Hexachloroethane	8.89	117	82478	38.750	ng	97
19) n-Nitroso-di-n-propylamine	8.62	70	145435	37.136	ng	99
20) 3+4-Methylphenols	8.59	107	217791	37.714	ng	98
22) Acetophenone	8.63	105	270526	37.856	ng	# 99
24) Nitrobenzene	9.00	77	206354	38.552	ng	97
25) Isophorone	9.53	82	390260	37.759	ng	100
26) 2-Nitrophenol	9.72	139	110486	38.061	ng	97
27) 2,4-Dimethylphenol	9.79	122	153135	37.571	ng	97
28) bis(2-Chloroethoxy)methane	10.02	93	259002	37.894	ng	99
29) 2,4-Dichlorophenol	10.26	162	184715	37.906	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	210532	37.358	ng	98
31) Naphthalene	10.66	128	582633	37.513	ng	98
32) Benzoic acid	9.96	122	64645	45.192	ng	98
33) 4-Chloroaniline	10.77	127	258755	37.825	ng	98
34) Hexachlorobutadiene	10.96	225	134122	37.897	ng	100
35) Caprolactam	11.54	113	64931	37.222	ng	98
36) 4-Chloro-3-methylphenol	11.91	107	186083	37.098	ng	97
37) 2-Methylnaphthalene	12.27	142	425409	37.061	ng	99
38) 1-Methylnaphthalene	12.49	142	397527	36.447	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	222408	37.472	ng	98

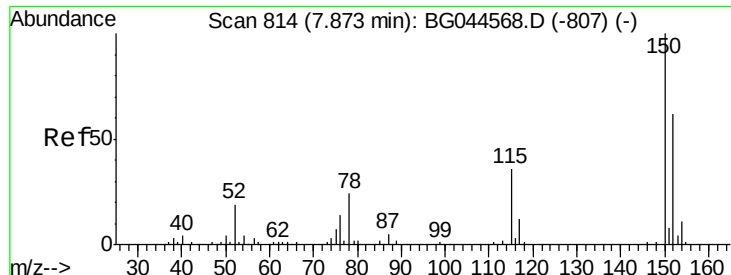
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044663.D
 Acq On : 3 Mar 2020 15:20
 Operator : CG/JU
 Sample : SSTDC0040
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Quant Time: Mar 04 03:44:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	87214	36.112	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	150226	38.981	ng	100
44) 2,4,5-Trichlorophenol	12.97	196	151172	38.186	ng	98
46) 1,1'-Biphenyl	13.29	154	552663	37.879	ng	98
47) 2-Chloronaphthalene	13.33	162	433419	37.883	ng	98
48) 2-Nitroaniline	13.53	65	126690	39.892	ng	95
49) Acenaphthylene	14.18	152	645247	38.207	ng	100
50) Dimethylphthalate	13.92	163	535864	37.657	ng	100
51) 2,6-Dinitrotoluene	14.03	165	118694	37.820	ng	98
52) Acenaphthene	14.52	154	402427	37.382	ng	99
53) 3-Nitroaniline	14.36	138	131153	38.749	ng	98
54) 2,4-Dinitrophenol	14.57	184	56431	36.014	ng	93
55) Dibenzofuran	14.86	168	621896	37.682	ng	100
56) 4-Nitrophenol	14.69	139	91518	39.308	ng	97
57) 2,4-Dinitrotoluene	14.83	165	166389	37.710	ng	99
58) Fluorene	15.51	166	489646	37.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	133187	36.533	ng	97
60) Diethylphthalate	15.29	149	532964	37.800	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	261203	36.712	ng	99
62) 4-Nitroaniline	15.53	138	134563	39.704	ng	95
63) Azobenzene	15.80	77	454664	37.890	ng	99
65) 4,6-Dinitro-2-methylphenol	15.60	198	88440	37.233	ng	97
66) n-Nitrosodiphenylamine	15.72	169	444731	37.166	ng	98
67) 4-Bromophenyl-phenylether	16.40	248	173407	36.416	ng	99
68) Hexachlorobenzene	16.52	284	194280	36.087	ng	98
69) Atrazine	16.67	200	163342	36.924	ng	98
70) Pentachlorophenol	16.87	266	86201	37.021	ng	97
71) Phenanthrene	17.25	178	795620	37.461	ng	100
72) Anthracene	17.34	178	787675	37.634	ng	99
73) Carbazole	17.61	167	734089	38.532	ng	99
74) Di-n-butylphthalate	18.18	149	932487	39.060	ng	99
75) Fluoranthene	19.26	202	955218	37.993	ng	100
77) Benzidine	19.44	184	484074	38.620	ng	99
78) Pyrene	19.62	202	966340	36.381	ng	99
80) Butylbenzylphthalate	20.52	149	446323	38.415	ng	99
81) Benzo(a)anthracene	21.43	228	969083	37.682	ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	379859	37.388	ng	98
83) Chrysene	21.48	228	926713	37.270	ng	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	623893	38.971	ng	99
85) Di-n-octyl phthalate	22.49	149	1083925	38.483	ng	98
86) Indeno(1,2,3-cd)pyrene	27.88	276	1153492	36.148	ng	99
88) Benzo(b)fluoranthene	23.51	252	1009537	36.937	ng	99
89) Benzo(k)fluoranthene	23.58	252	988363	37.270	ng	99
90) Benzo(a)pyrene	24.32	252	956171	37.235	ng	99
91) Dibenzo(a,h)anthracene	27.94	278	940015	37.014	ng	99
92) Benzo(g,h,i)perylene	28.95	276	927060	36.434	ng	100

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

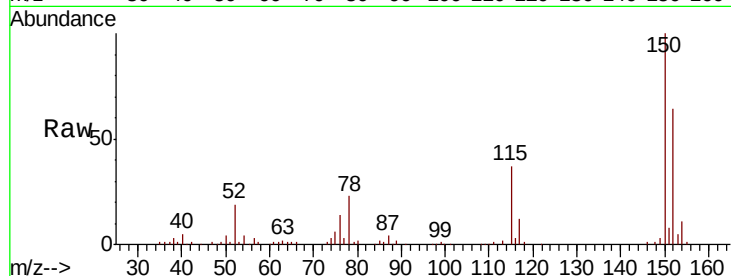


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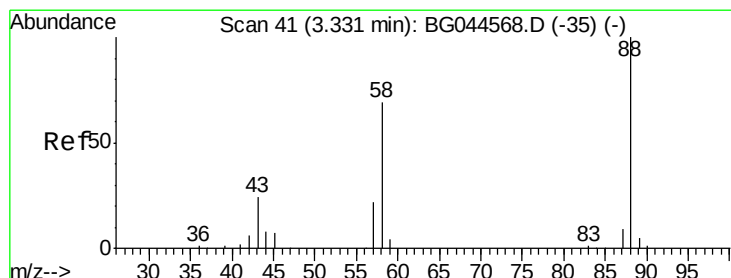
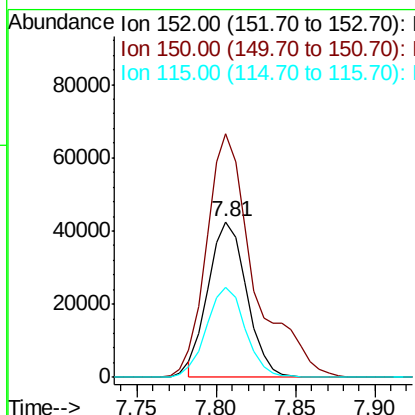
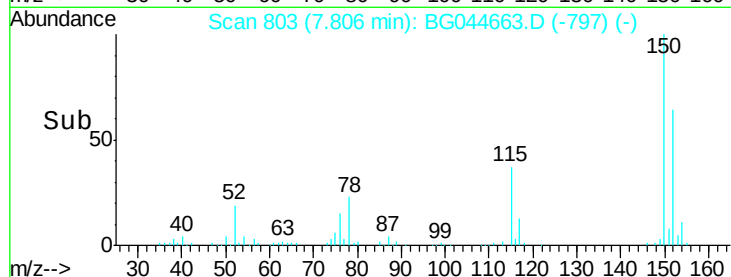
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 71416
Ion Ratio Lower Upper
152 100
150 156.3 128.9 193.3
115 57.4 47.0 70.4



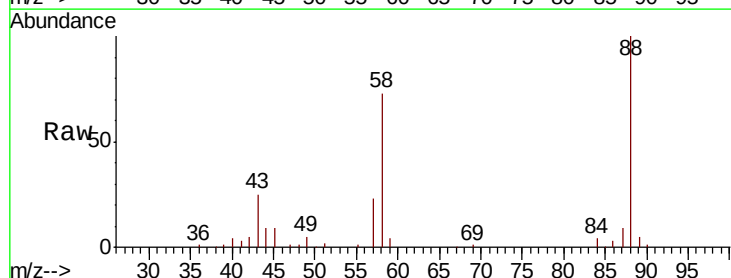
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



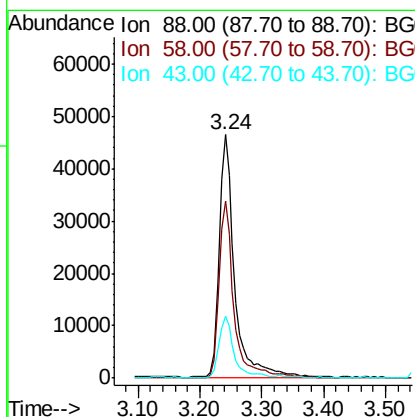
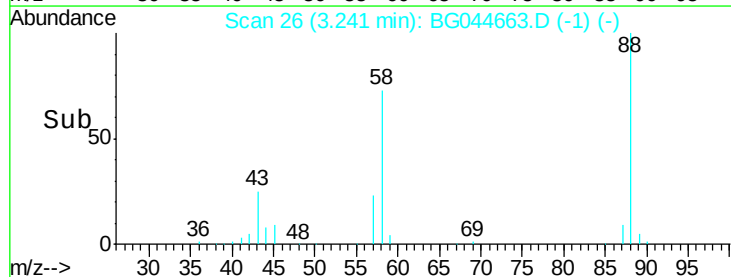
#2

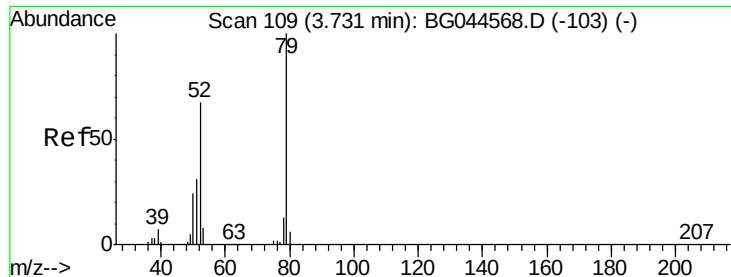
1,4-Dioxane
Concen: 40.944 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.09 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion: 88 Resp: 79526
Ion Ratio Lower Upper
88 100
58 71.9 55.8 83.8
43 25.8 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: 40.281 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.09 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampled :

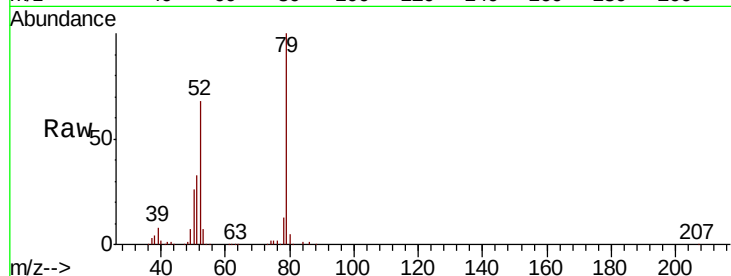
Tot Ion: 79 Resp: 218311

Ion Ratio Lower Upper

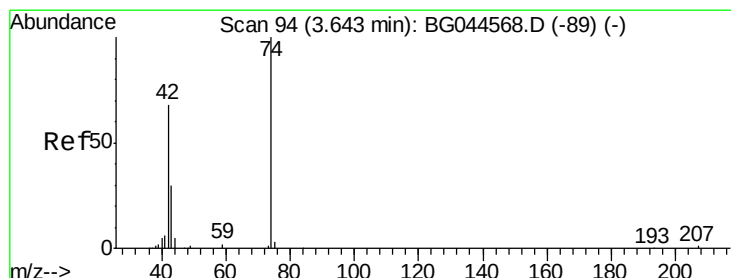
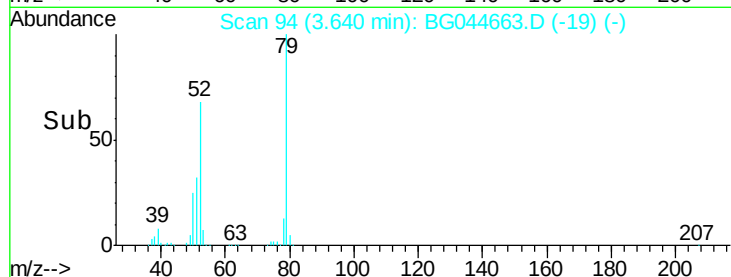
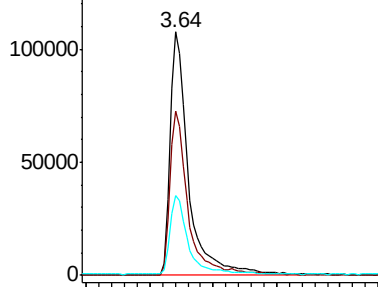
79 100

52 67.5 53.7 80.5

51 32.9 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: 40.730 ng

RT: 3.56 min Scan# 80

Delta R.T. -0.08 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

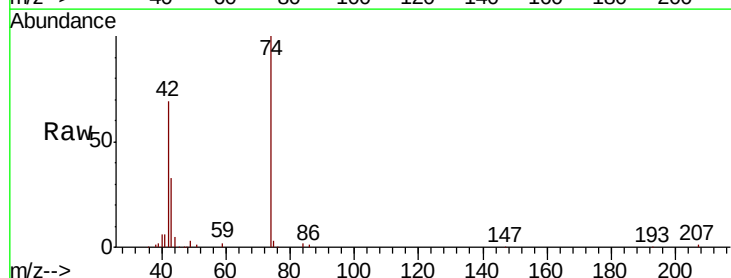
Tgt Ion: 42 Resp: 83838

Ion Ratio Lower Upper

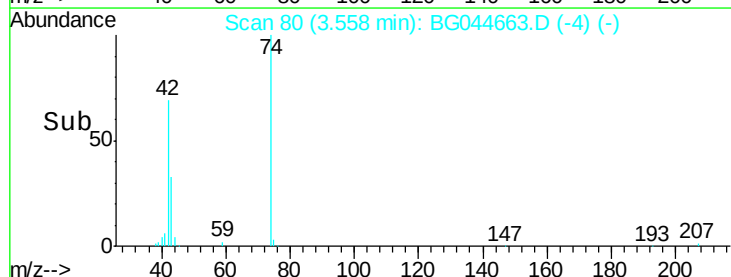
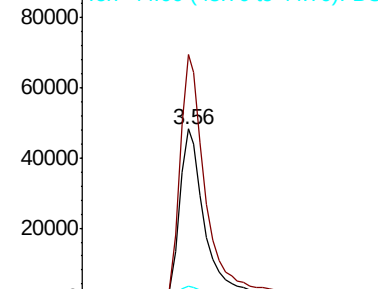
42 100

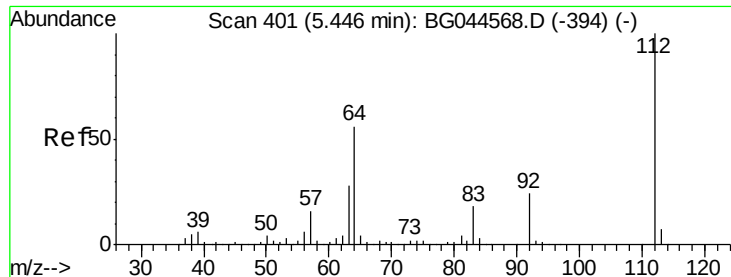
74 144.2 117.6 176.4

44 6.7 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: 81.674 ng

RT: 5.38 min Scan# 390

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

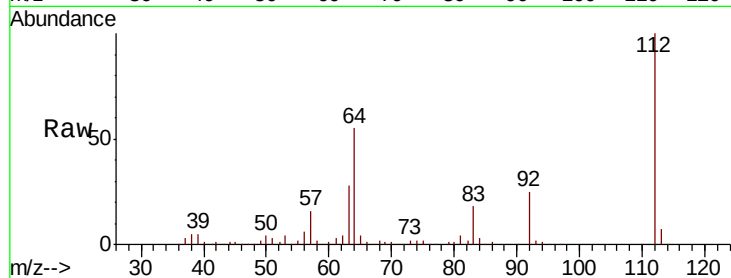
Tot Ion:112 Resp: 363538

Ion Ratio Lower Upper

112 100

64 55.2 44.8 67.2

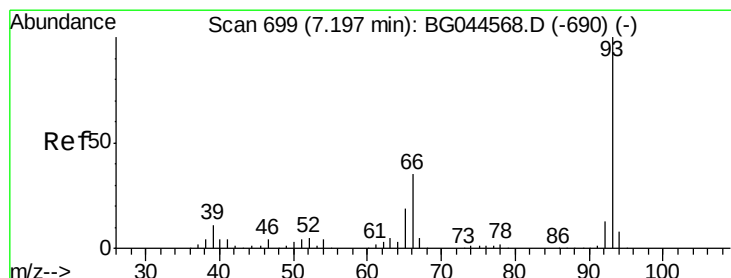
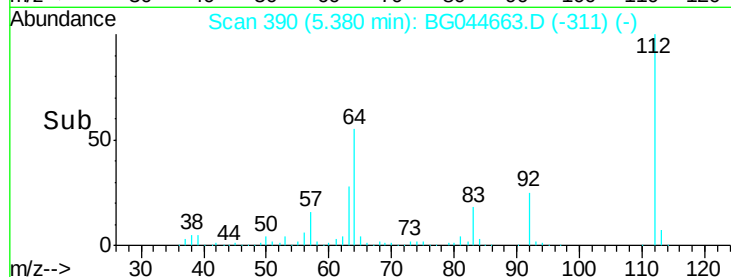
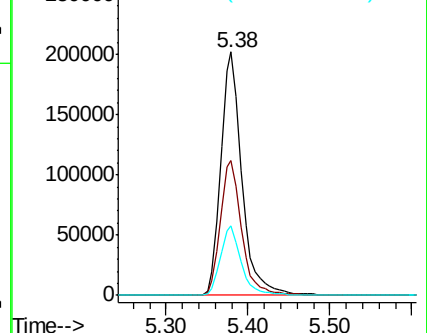
63 28.4 22.3 33.5



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: 38.324 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

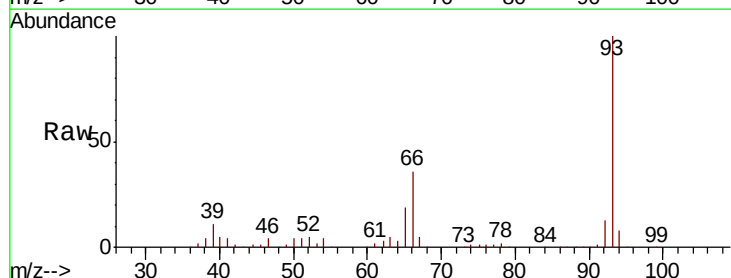
Tgt Ion: 93 Resp: 284285

Ion Ratio Lower Upper

93 100

66 36.4 27.8 41.8

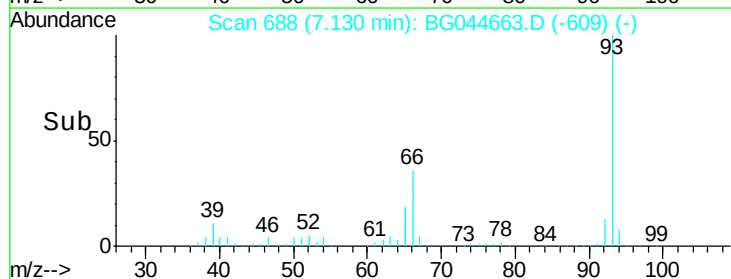
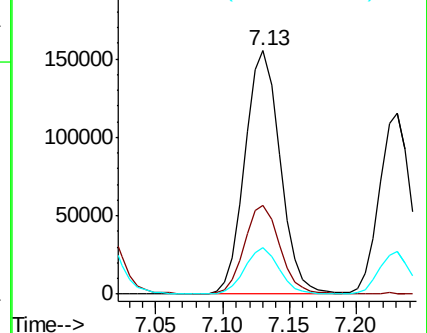
65 19.2 14.9 22.3

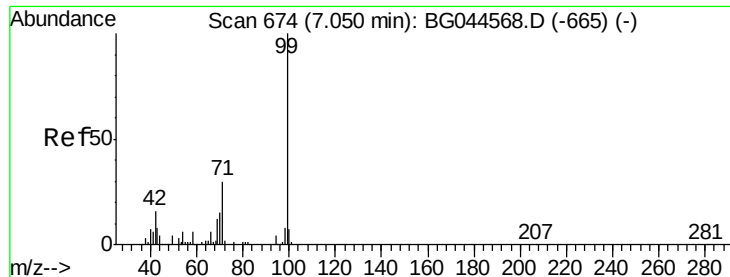


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.864 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

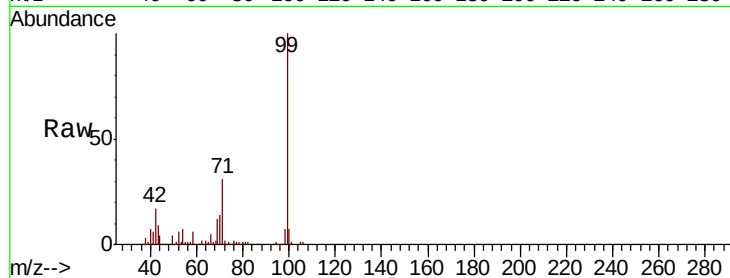
Tot Ion: 99 Resp: 474399

Ion Ratio Lower Upper

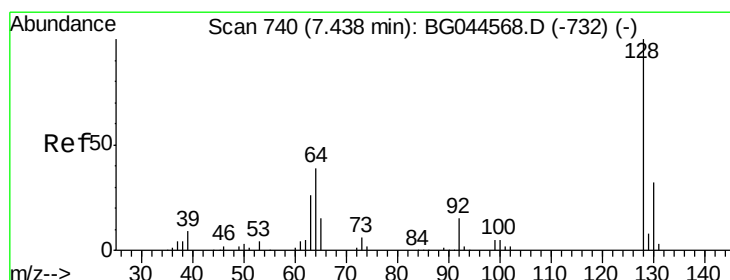
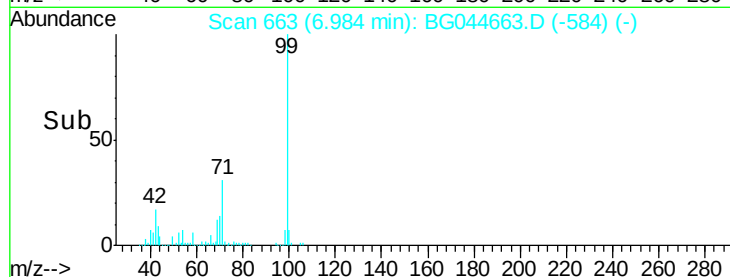
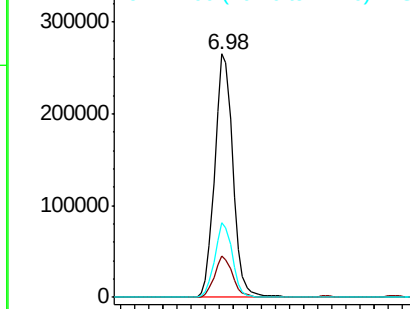
99 100

42 17.0 12.8 19.2

71 30.7 24.4 36.6



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



#8

2-Chlorophenol

Concen: 38.637 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

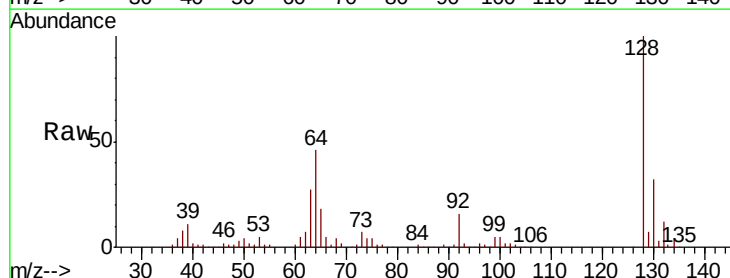
Tgt Ion: 128 Resp: 187733

Ion Ratio Lower Upper

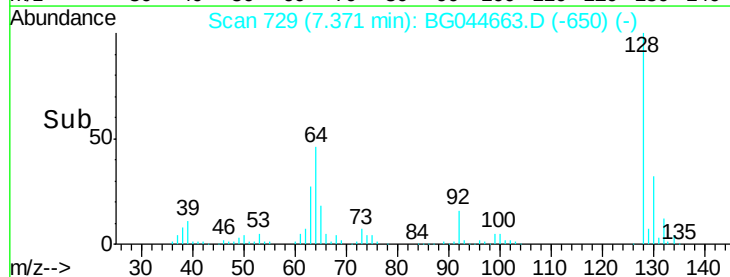
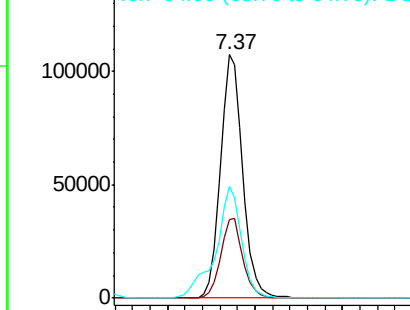
128 100

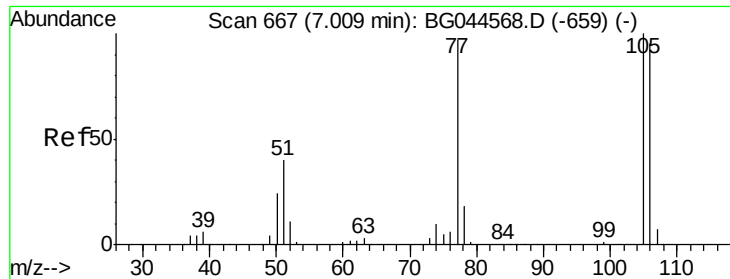
130 32.5 12.3 52.3

64 45.7 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: 37.035 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampled :

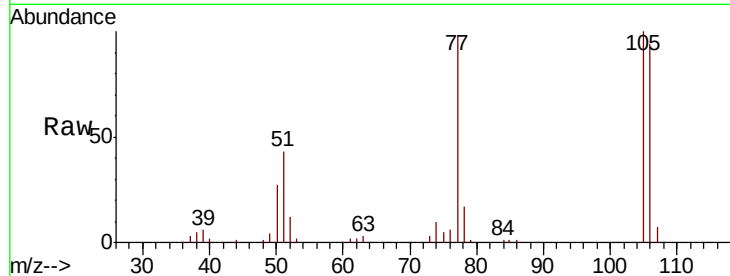
Tot Ion: 77 Resp: 132682

Ion Ratio Lower Upper

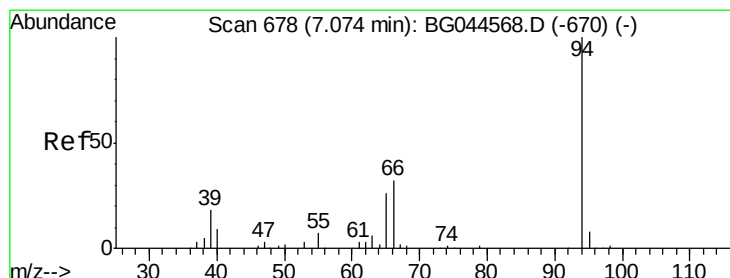
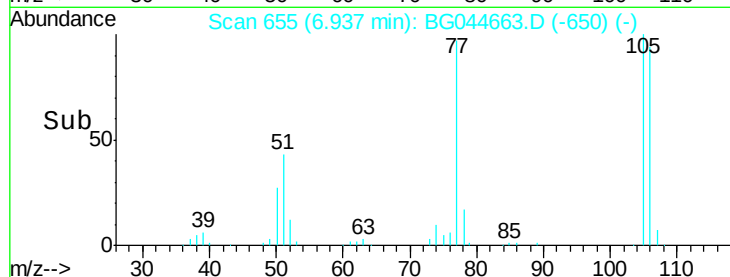
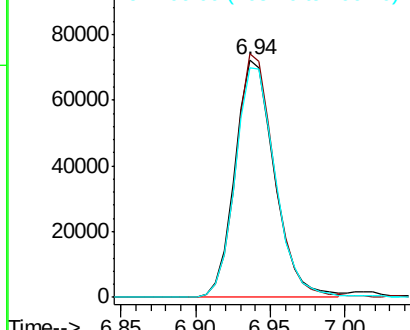
77 100

105 102.4 83.6 123.6

106 96.7 78.2 118.2



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



#10

Phenol

Concen: 38.396 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

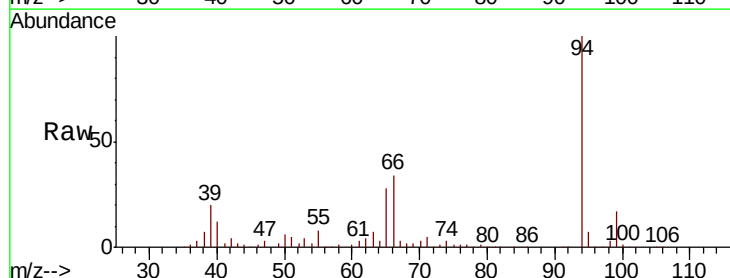
Tgt Ion: 94 Resp: 226701

Ion Ratio Lower Upper

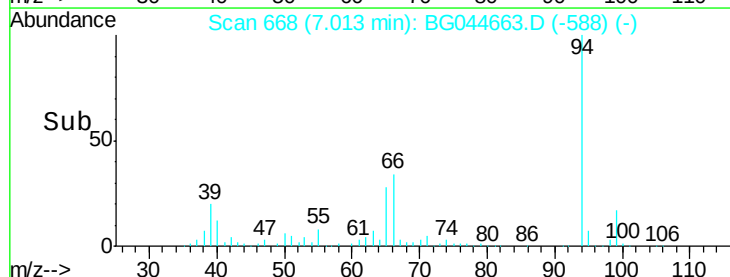
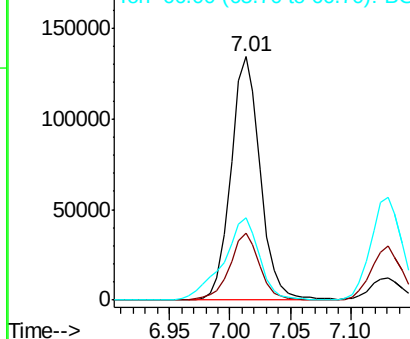
94 100

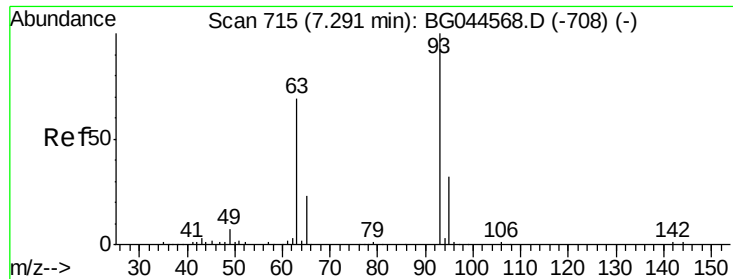
65 27.5 6.4 46.4

66 33.9 13.9 53.9



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





#11

bis(2-Chloroethyl)ether

Concen: 38.338 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampled :

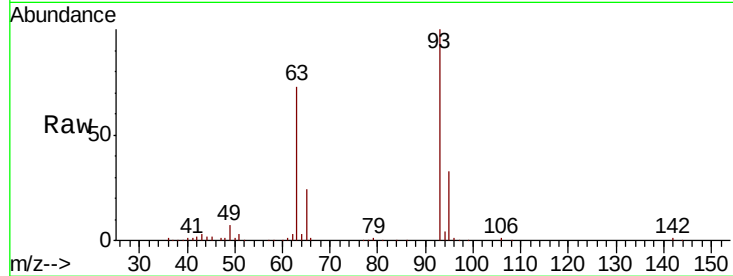
Tot Ion: 93 Resp: 190291

Ion Ratio Lower Upper

93 100

63 72.9 48.9 88.9

95 33.0 11.3 51.3

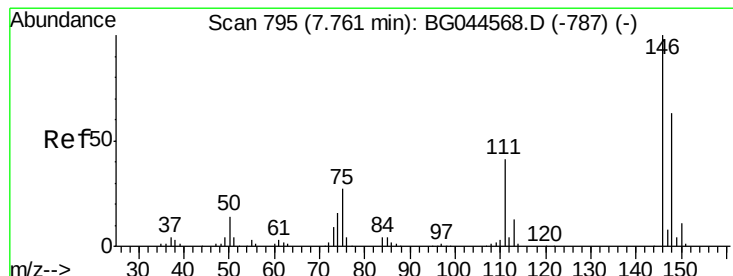
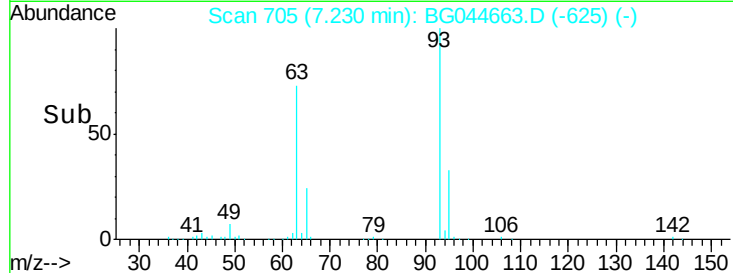
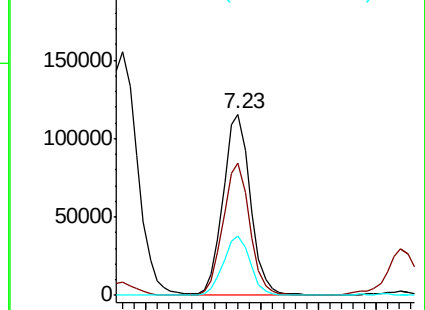


Abundance

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: 39.178 ng

RT: 7.69 min Scan# 784

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

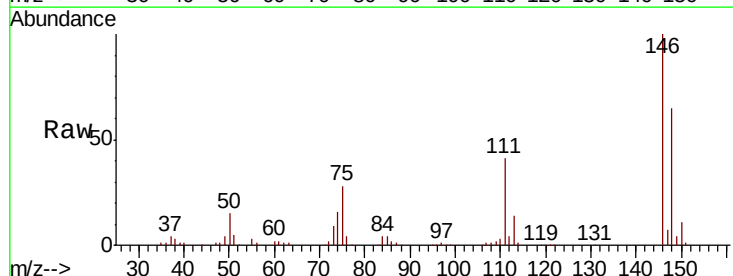
Tgt Ion: 146 Resp: 227043

Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

75 28.1 21.4 32.0

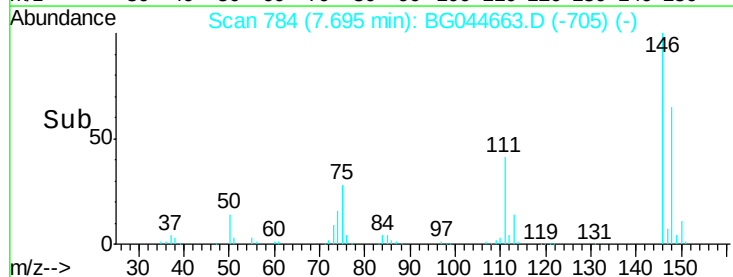
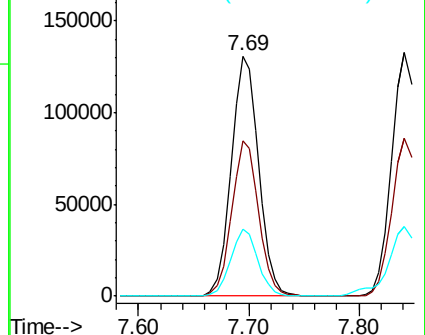


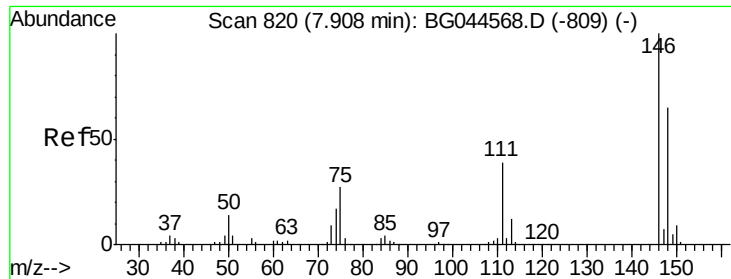
Abundance

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

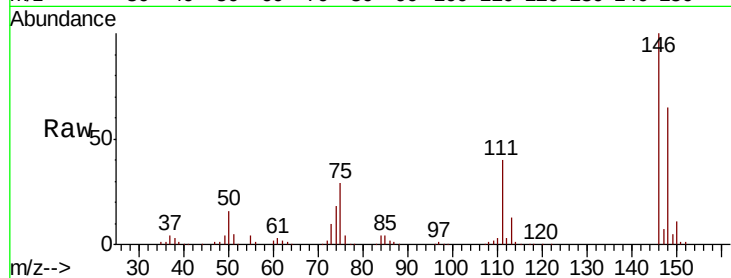




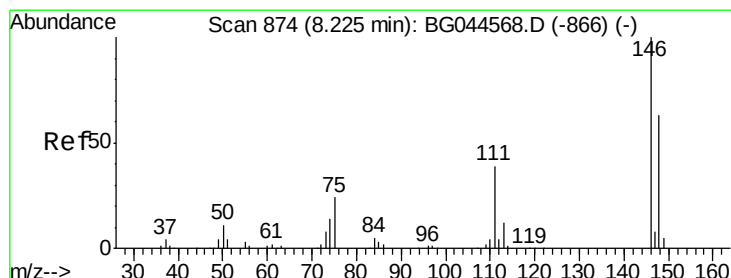
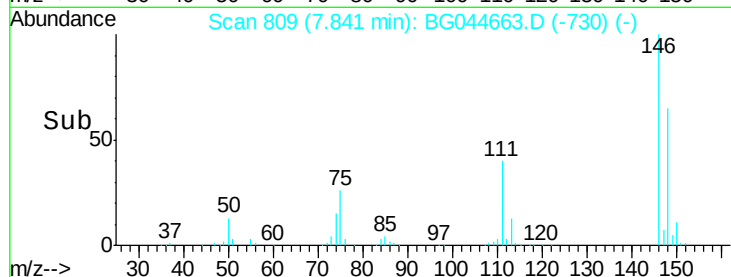
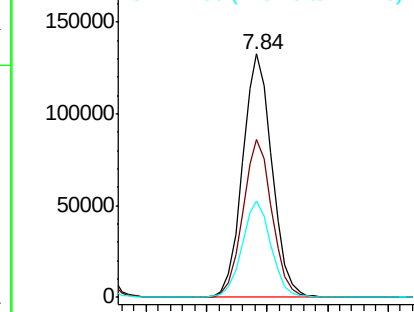
#13
 1,4-Dichlorobenzene
 Concen: 38.652 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 225116
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 39.8 30.8 46.2

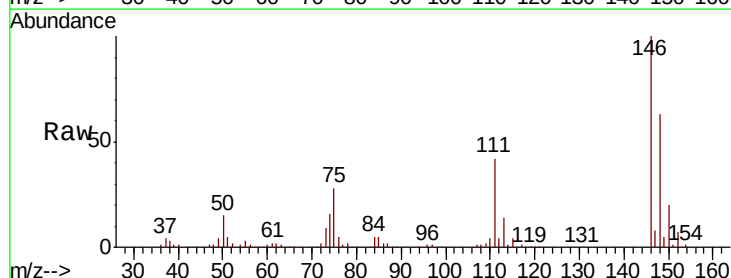


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

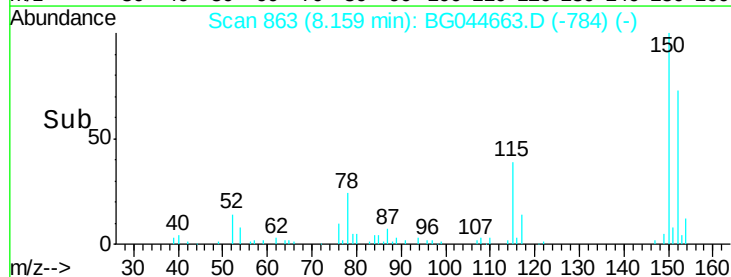
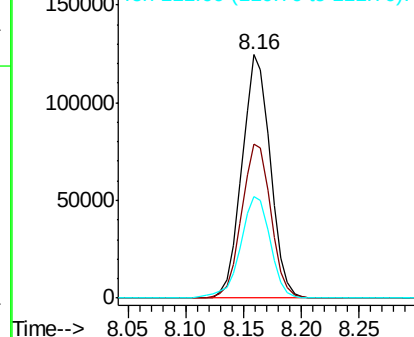


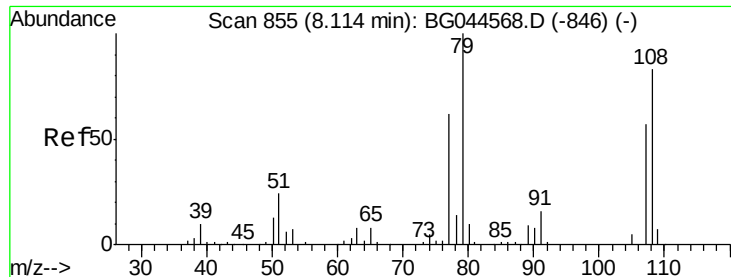
#14
 1,2-Dichlorobenzene
 Concen: 38.142 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion:146 Resp: 211254
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.7 76.1
 111 41.6 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

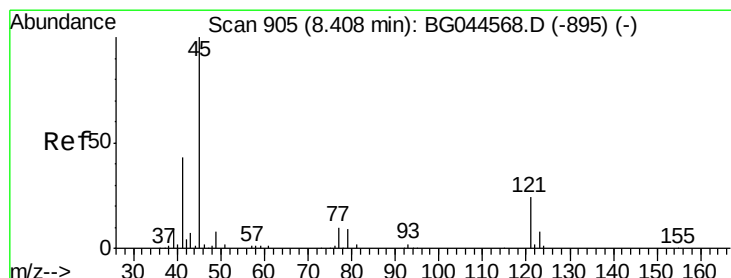
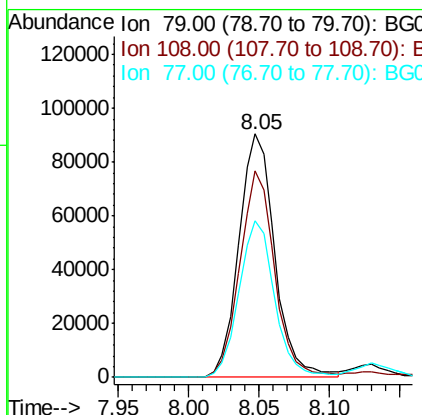
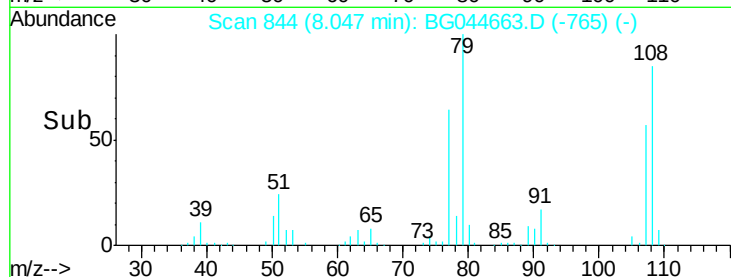
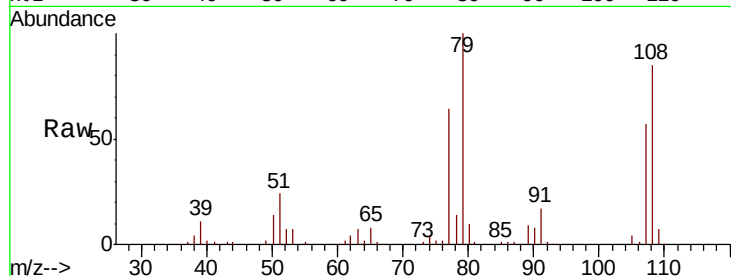




#15
Benzyl Alcohol
Concen: 39.130 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

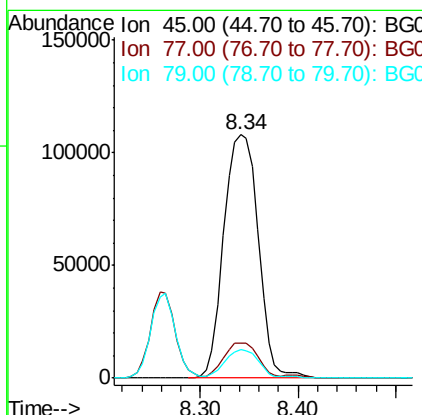
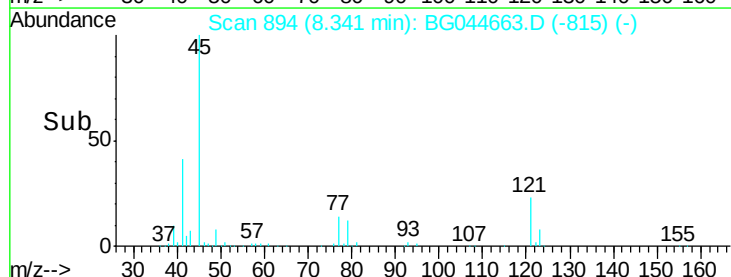
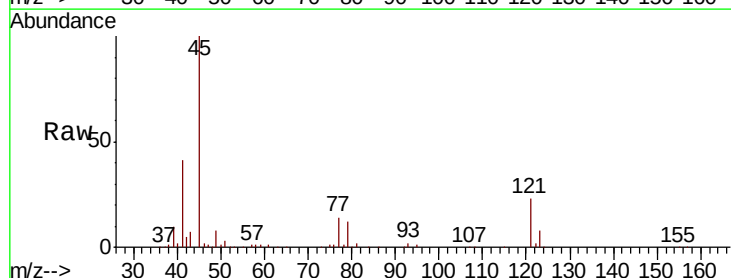
Instrument :
BNA_G
ClientSampleId :

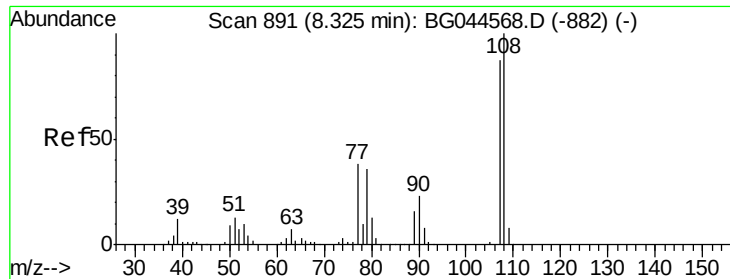
Tot Ion: 79 Resp: 160784
Ion Ratio Lower Upper
79 100
108 84.6 66.0 99.0
77 64.3 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.778 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion: 45 Resp: 265345
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.4
79 11.5 0.0 32.3

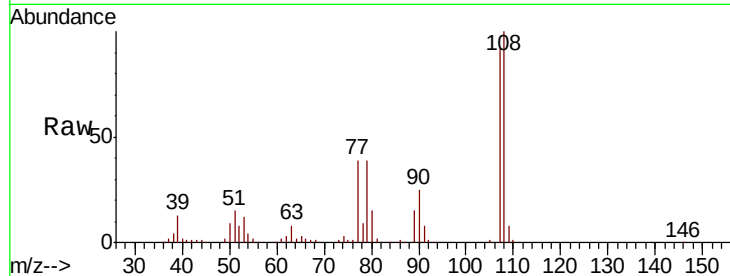




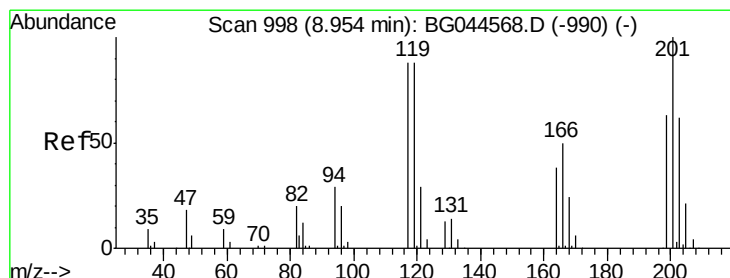
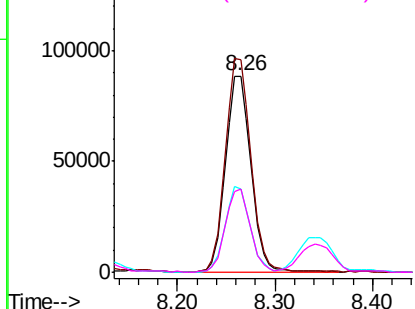
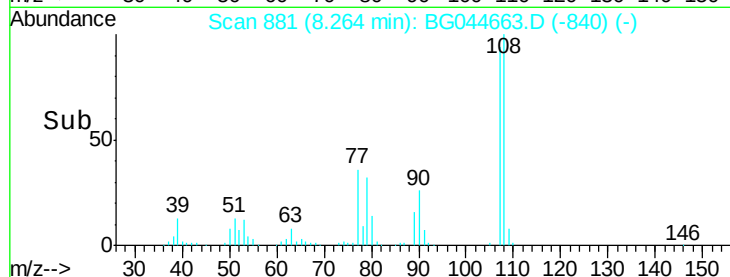
#17
2-Methylphenol
Concen: 37.748 ng
RT: 8.26 min Scan# 881
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 159220
Ion Ratio Lower Upper
107 100
108 108.5 91.7 137.5
77 42.7 35.1 52.7
79 42.4 33.2 49.8

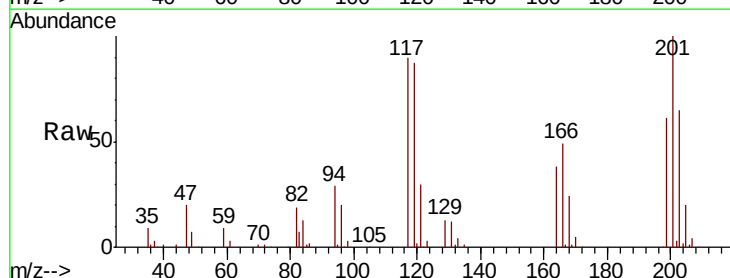


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

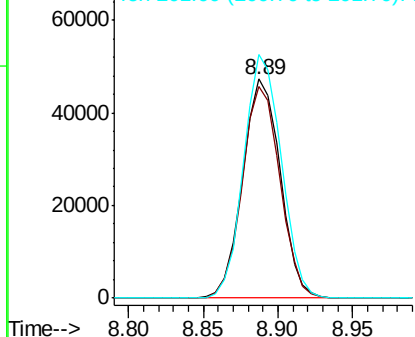
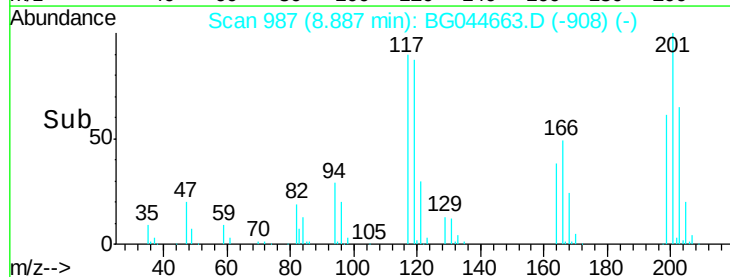


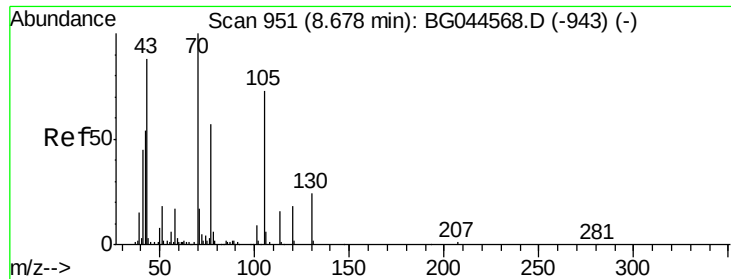
#18
Hexachloroethane
Concen: 38.750 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:117 Resp: 82478
Ion Ratio Lower Upper
117 100
119 96.6 80.0 120.0
201 111.2 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

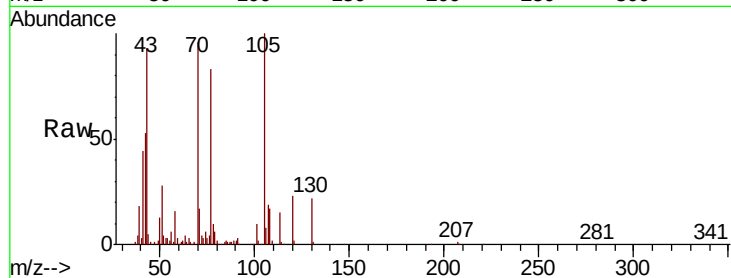




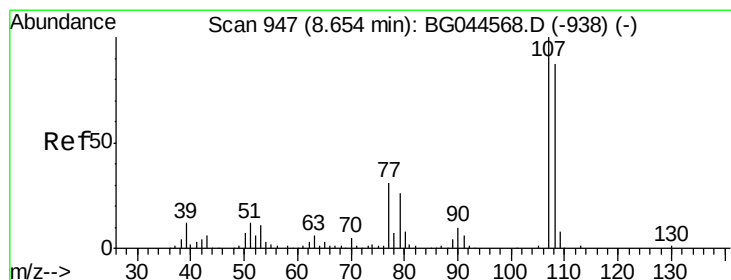
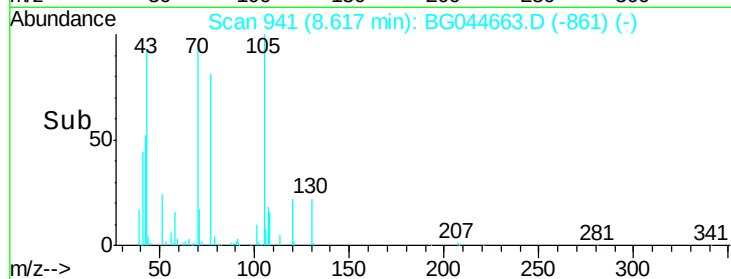
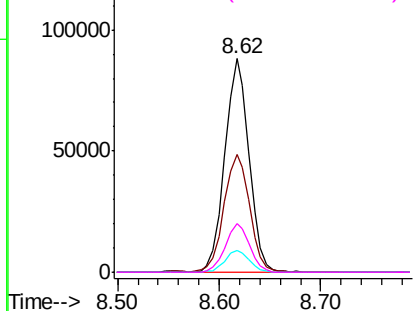
#19
n-Nitroso-di-n-propylamine
Concen: 37.136 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	145435
Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.4	65.0
101	10.2	7.5	11.3
130	23.0	18.9	28.3

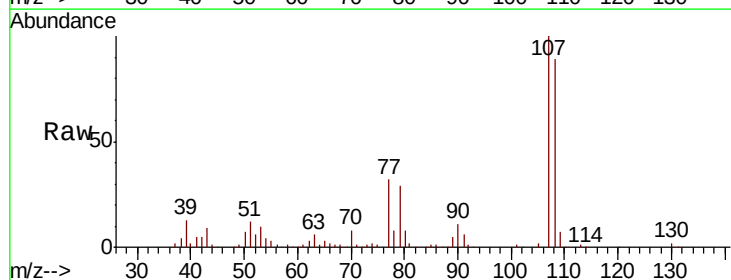


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

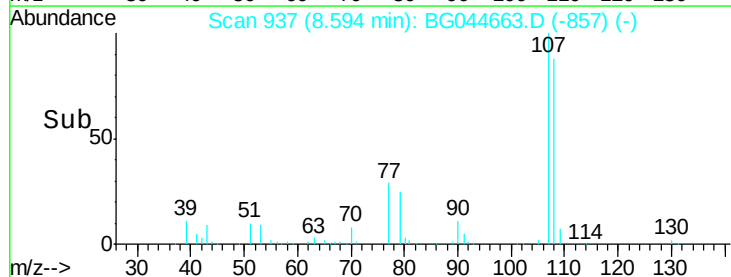
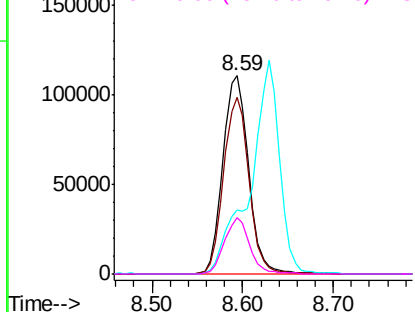


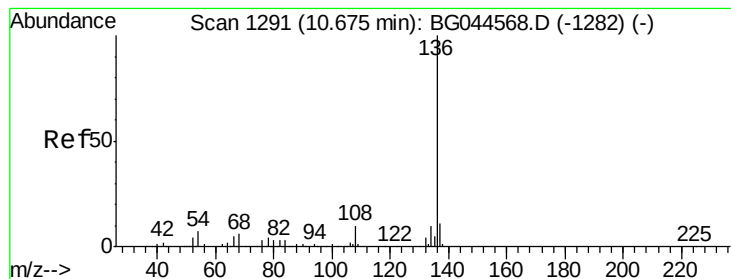
#20
3+4-Methylphenols
Concen: 37.714 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:	107	Resp:	217791
Ion	Ratio	Lower	Upper
107	100		
108	89.5	67.5	107.5
77	32.3	11.3	51.3
79	28.5	6.4	46.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 284634

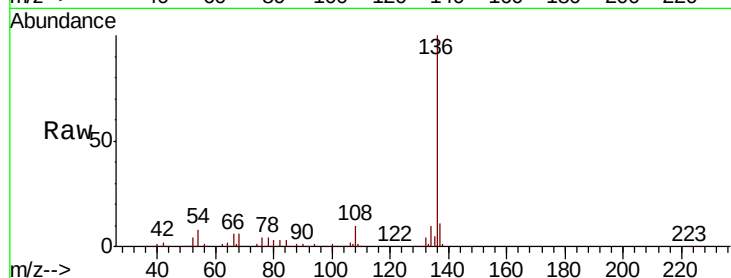
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.7 5.7 8.5

68 6.0 4.5 6.7



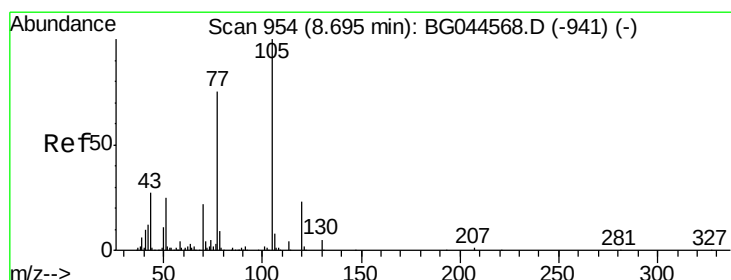
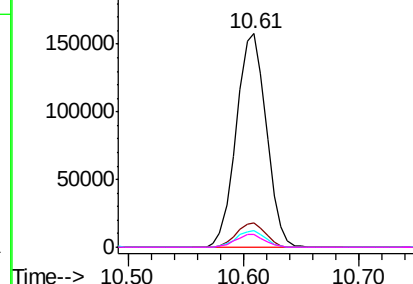
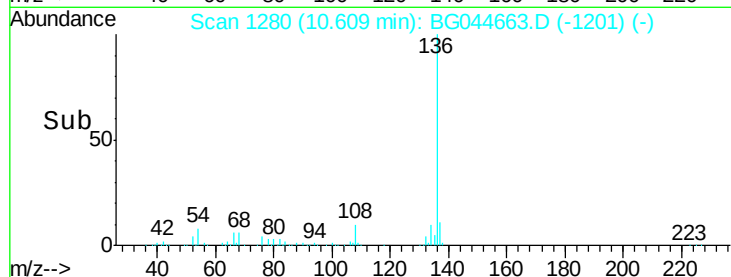
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.856 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:105 Resp: 270526

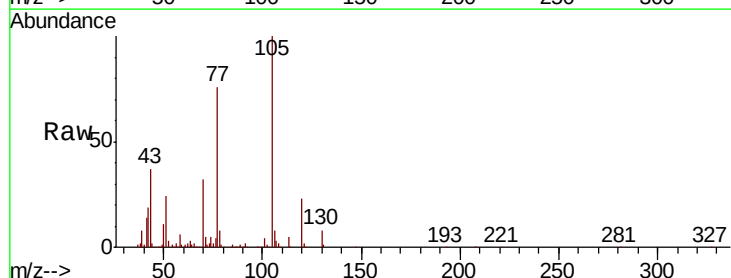
Ion Ratio Lower Upper

105 100

71 5.2 2.8 4.2#

51 24.5 19.9 29.9

120 22.7 18.6 28.0



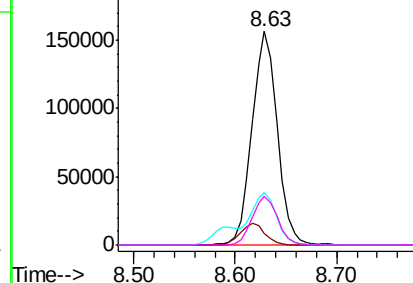
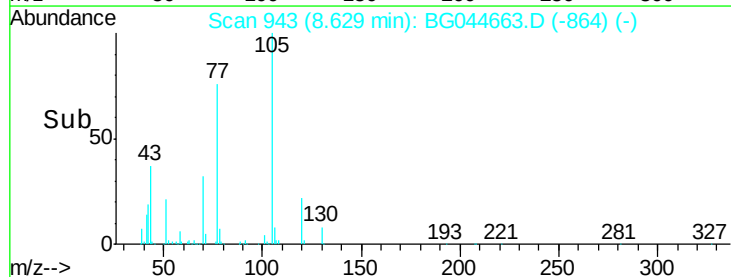
Abundance

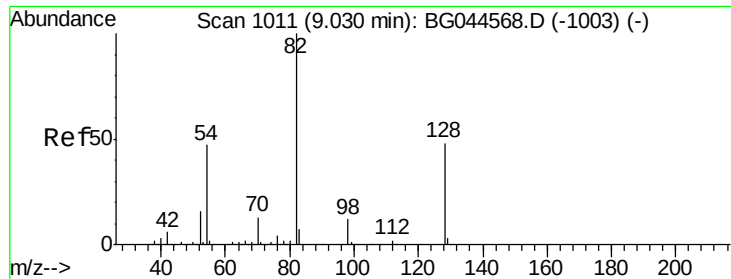
Ion 105.00 (104.70 to 105.70): E

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

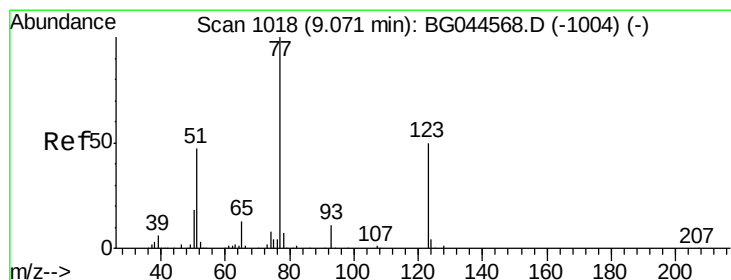
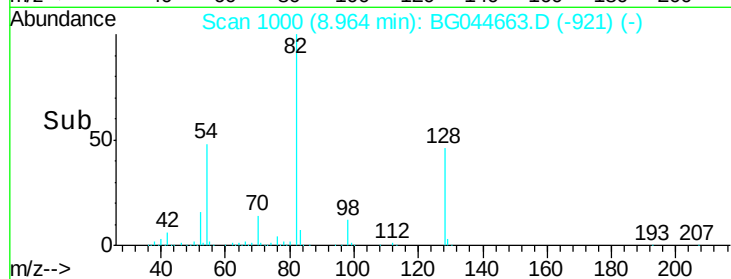
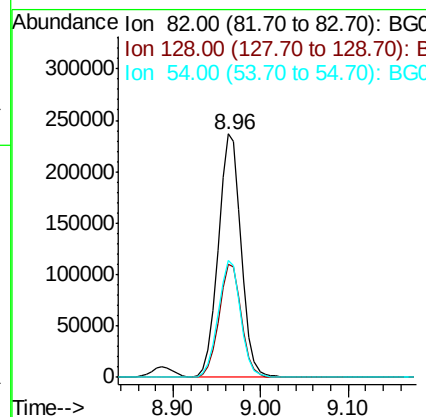
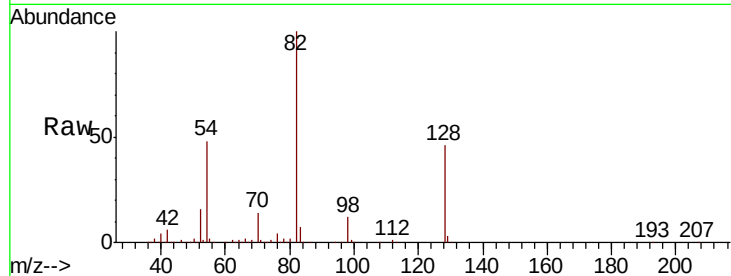




#23
 Nitrobenzene-d5
 Concen: 77.347 ng
 RT: 8.96 min Scan# 1000
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

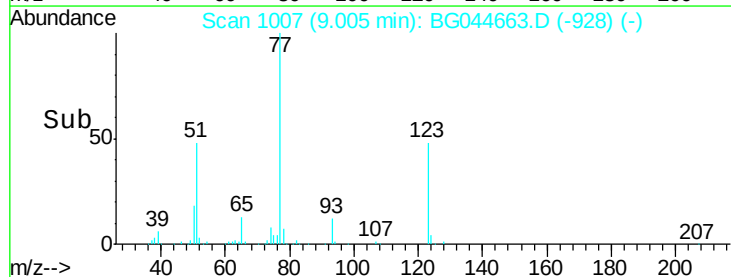
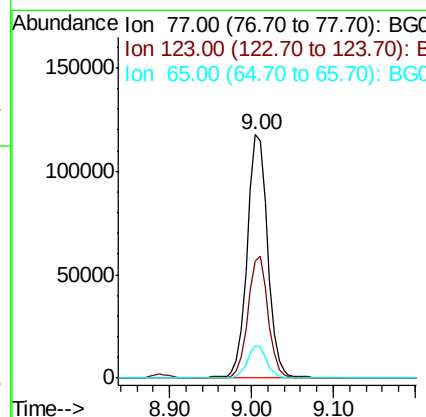
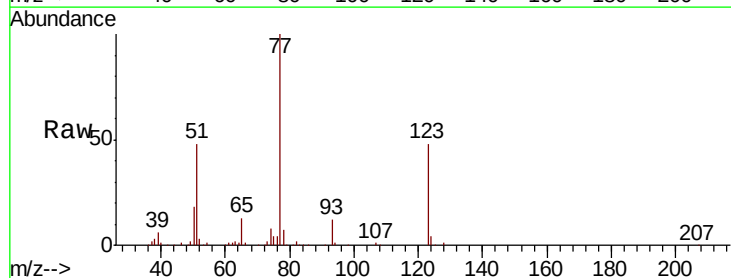
Instrument :
 BNA_G
 ClientSampleId :

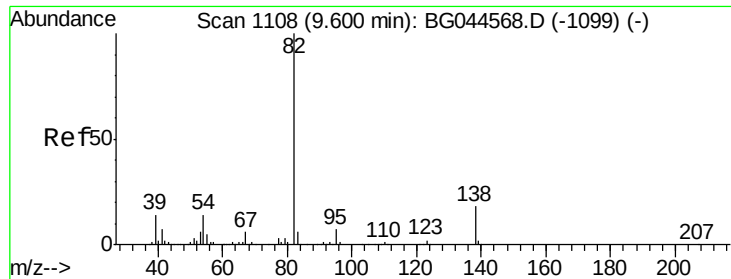
Tot Ion	82	Resp	427333
Ion Ratio	100	Lower	Upper
128	46.3	38.1	57.1
54	47.9	37.5	56.3



#24
 Nitrobenzene
 Concen: 38.552 ng
 RT: 9.00 min Scan# 1007
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	77	Resp	206354
Ion Ratio	100	Lower	Upper
123	48.1	40.1	60.1
65	13.4	10.4	15.6





#25

Isophorone

Concen: 37.759 ng

RT: 9.53 min Scan# 1097

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

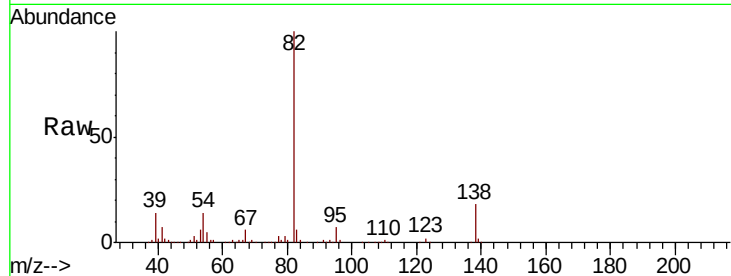
Tot Ion: 82 Resp: 390260

Ion Ratio Lower Upper

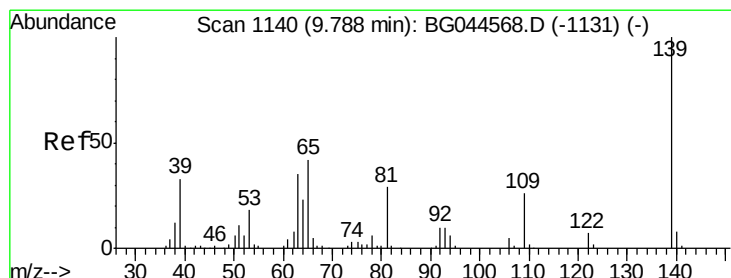
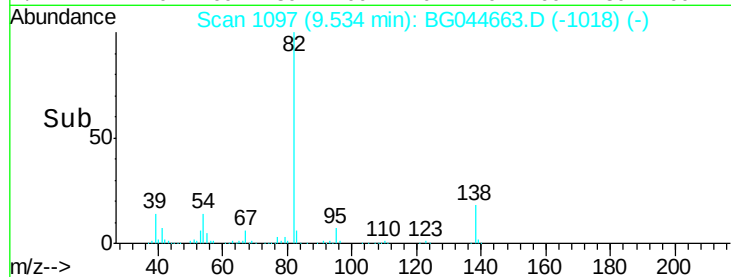
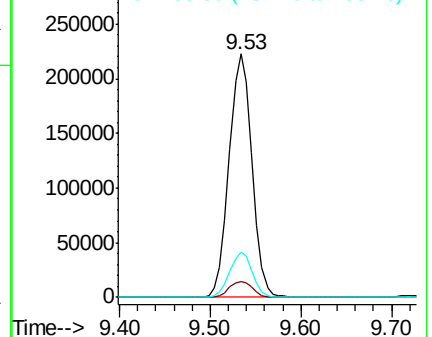
82 100

95 6.6 5.6 8.4

138 18.4 14.7 22.1



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



#26

2-Nitrophenol

Concen: 38.061 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

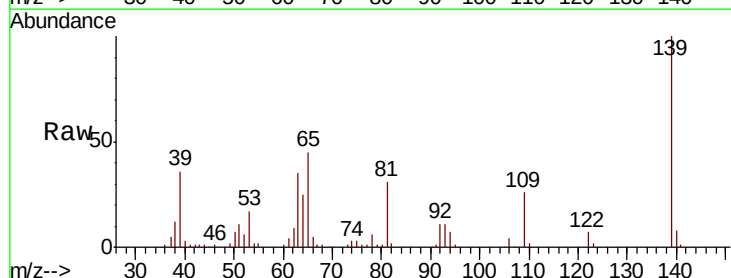
Tgt Ion: 139 Resp: 110486

Ion Ratio Lower Upper

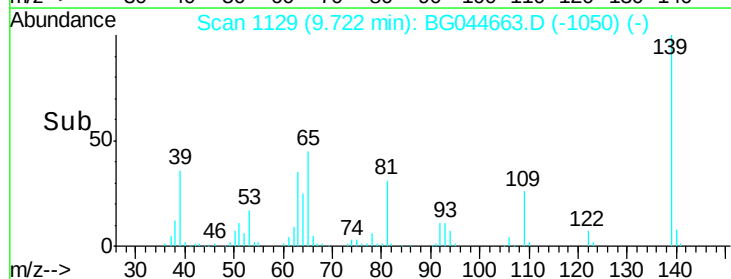
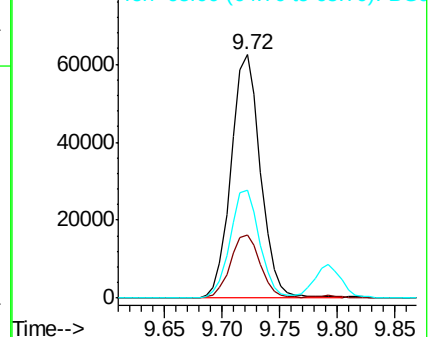
139 100

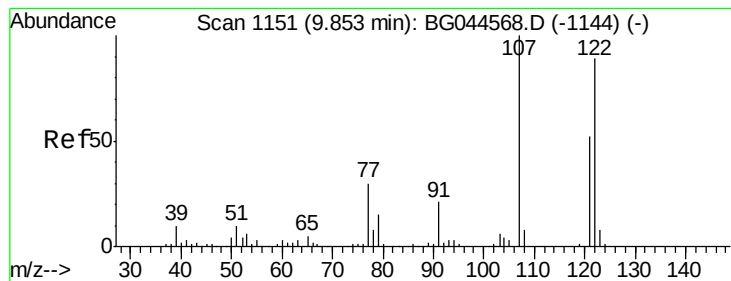
109 25.8 20.6 31.0

65 44.5 33.3 49.9



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





#27

2,4-Dimethylphenol

Concen: 37.571 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampled :

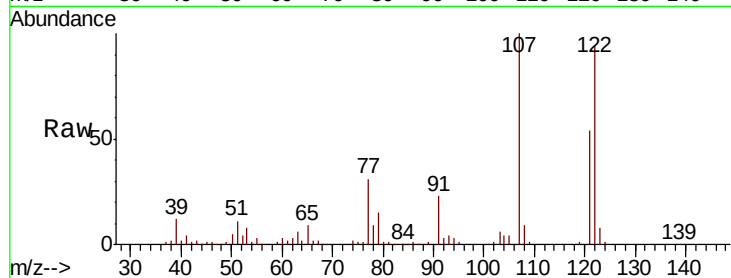
Tot Ion:122 Resp: 153135

Ion Ratio Lower Upper

122 100

107 106.3 89.4 134.0

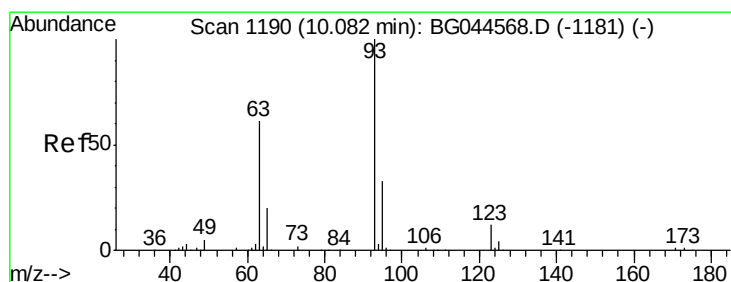
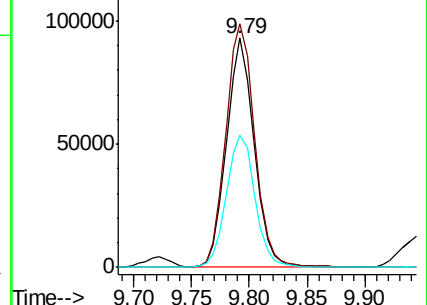
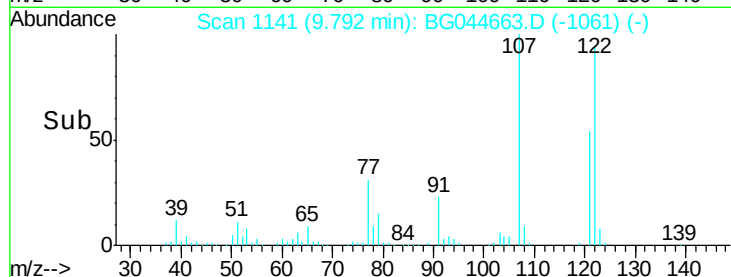
121 57.9 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.894 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

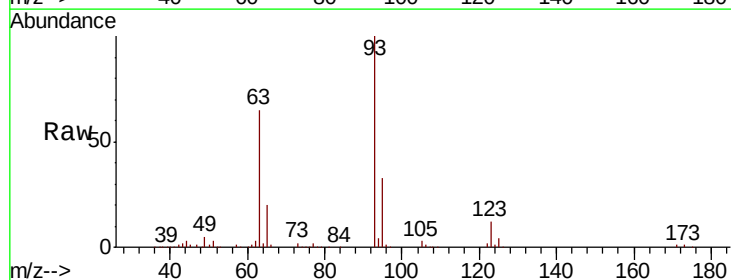
Tgt Ion: 93 Resp: 259002

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

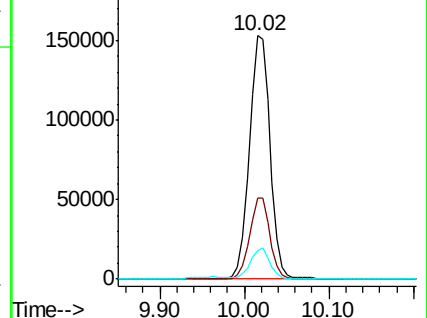
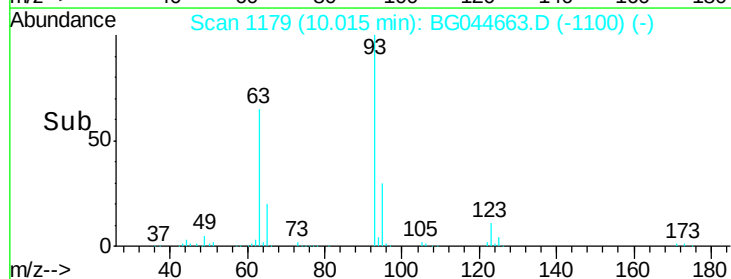
123 11.7 9.7 14.5

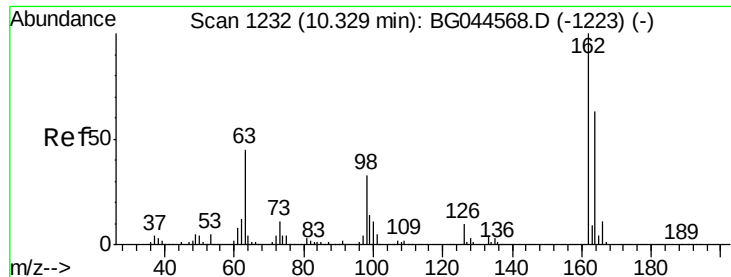


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

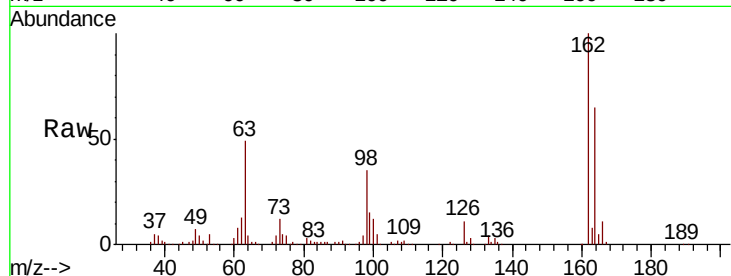




#29
 2,4-Dichlorophenol
 Concen: 37.906 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.2	83.2
98	35.1	13.2	53.2

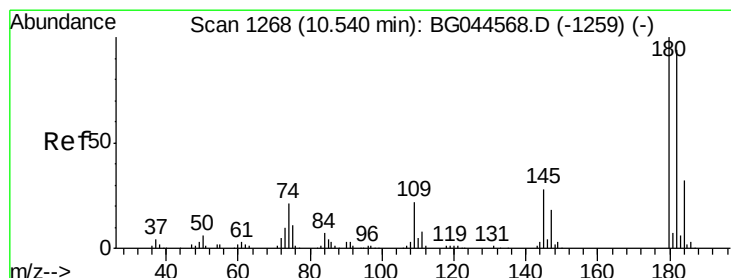
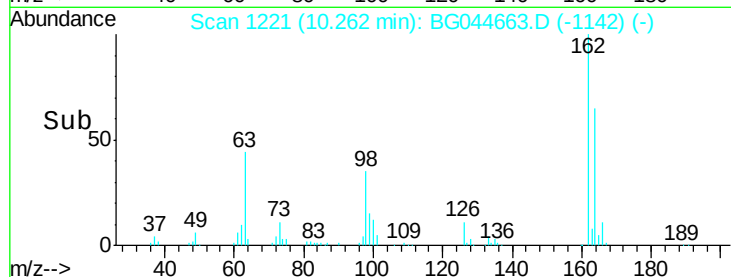
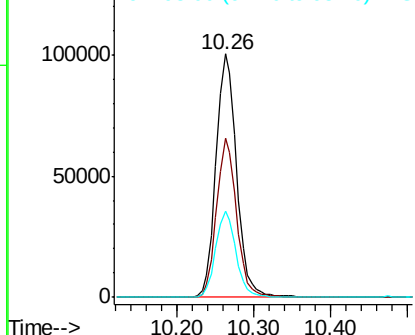


Abundance

Ion 162.00 (161.70 to 162.70): E

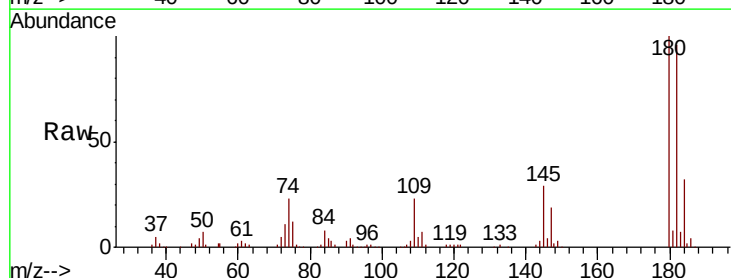
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 37.358 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.6	113.4
145	28.6	22.2	33.2

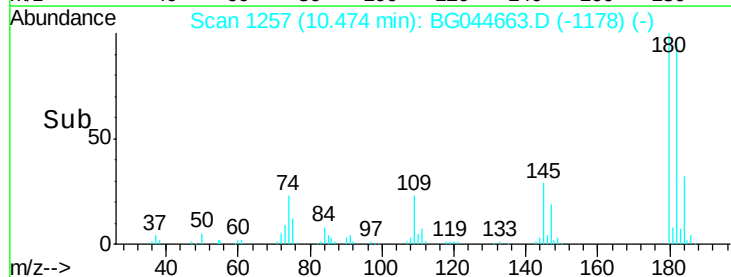
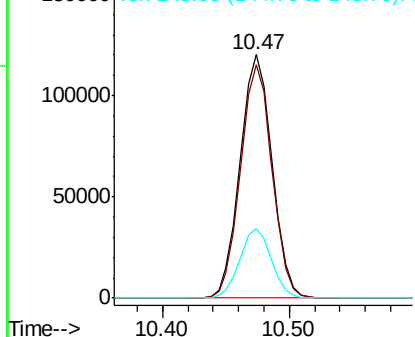


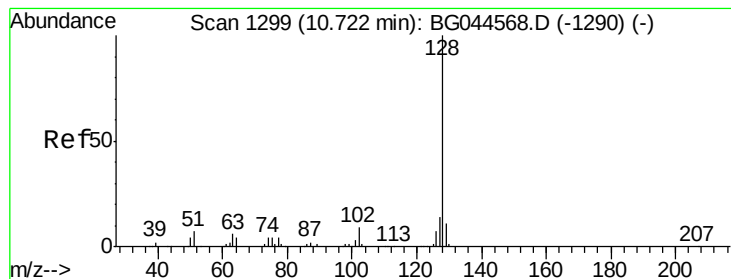
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.513 ng

RT: 10.66 min Scan# 1288

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampled :

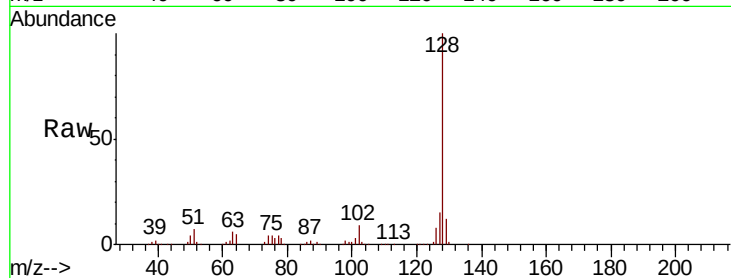
Tot Ion:128 Resp: 582633

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

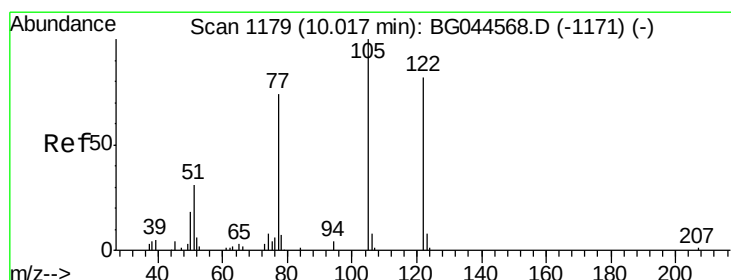
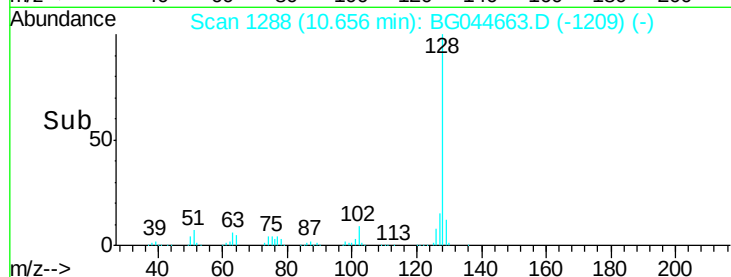
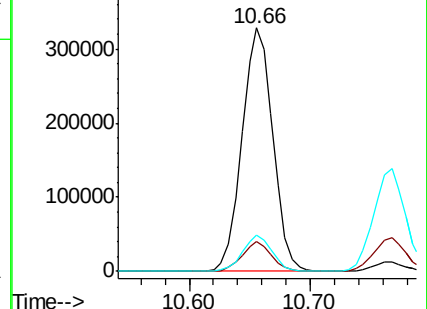
127 14.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.192 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

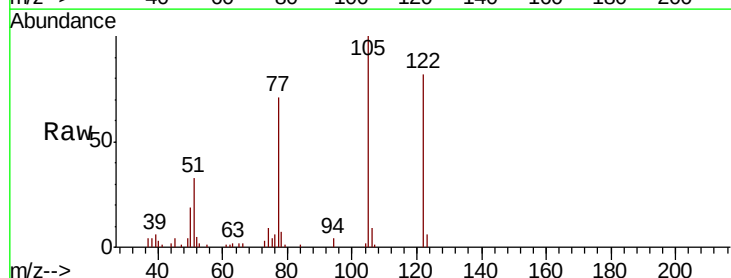
Tgt Ion:122 Resp: 64645

Ion Ratio Lower Upper

122 100

105 122.6 101.4 141.4

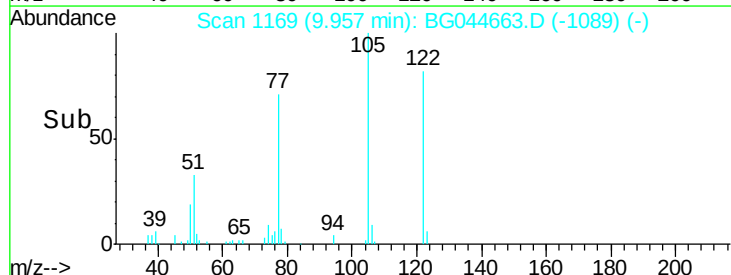
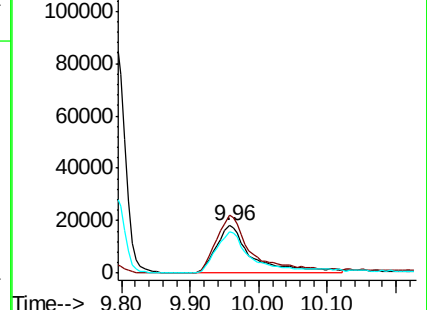
77 87.6 69.8 109.8

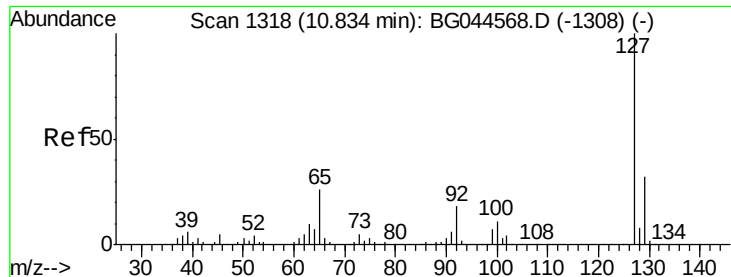


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

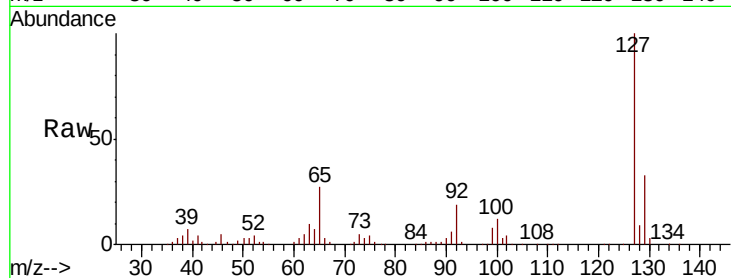




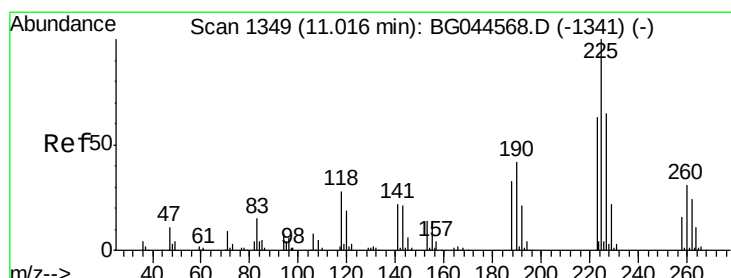
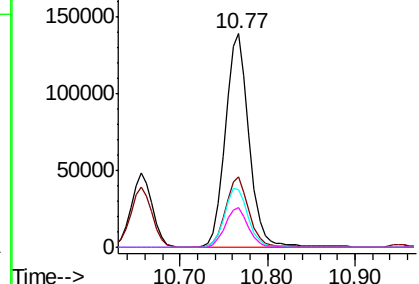
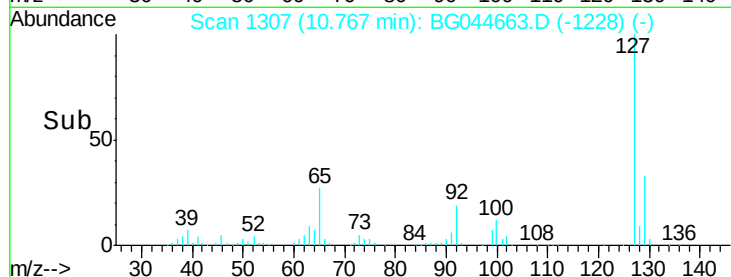
#33
4-Chloroaniline
Concen: 37.825 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	258755
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	27.1	20.7	31.1
92	18.6	14.2	21.2

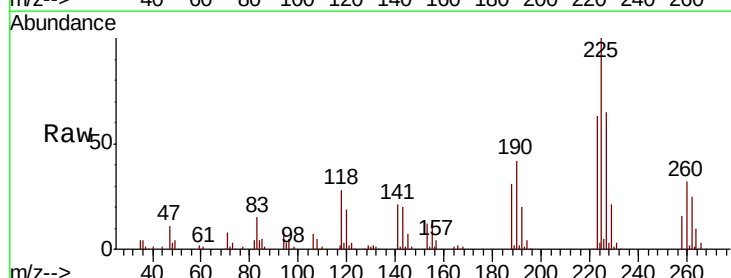


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

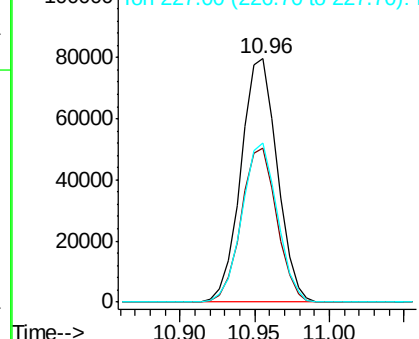
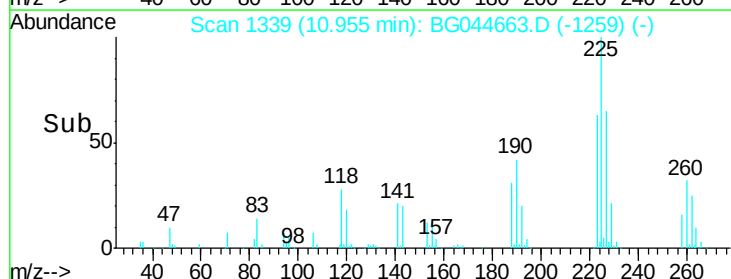


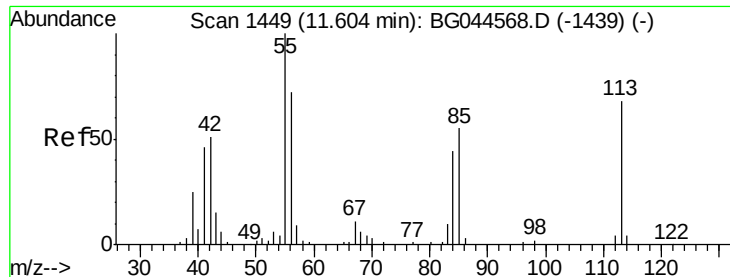
#34
Hexachlorobutadiene
Concen: 37.897 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:	225	Resp:	134122
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	65.3	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

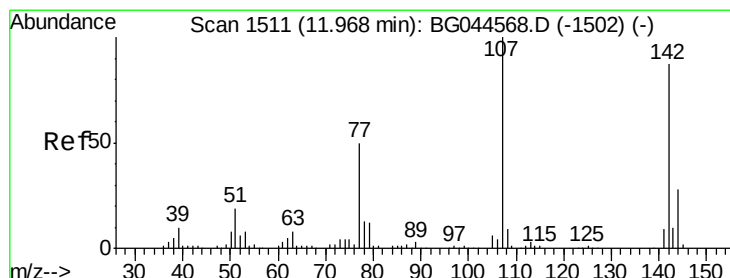
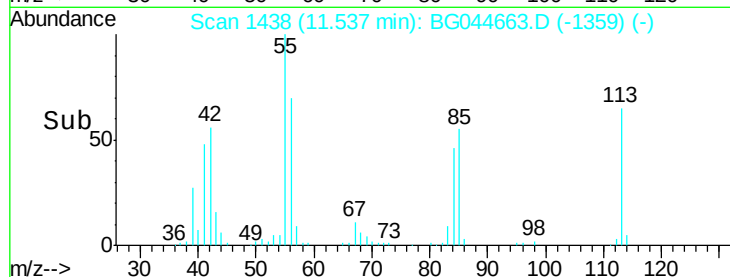
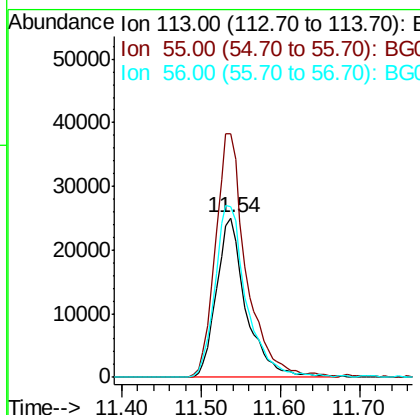
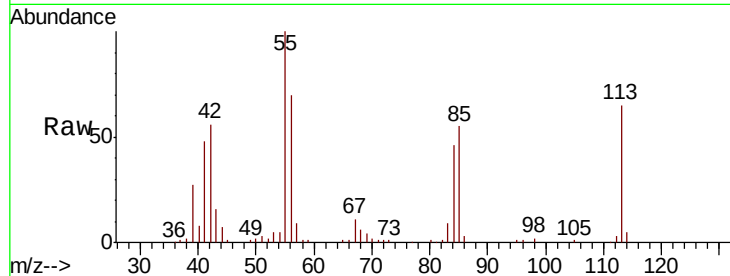




#35
 Caprolactam
 Concen: 37.222 ng
 RT: 11.54 min Scan# 1438
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

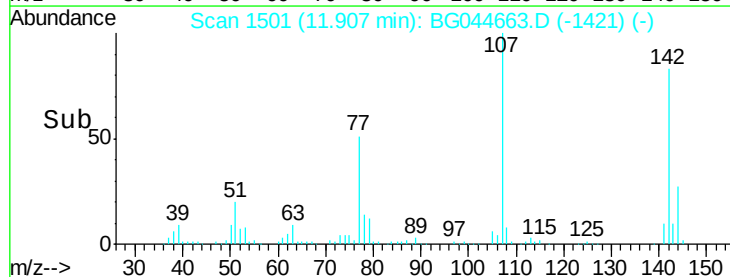
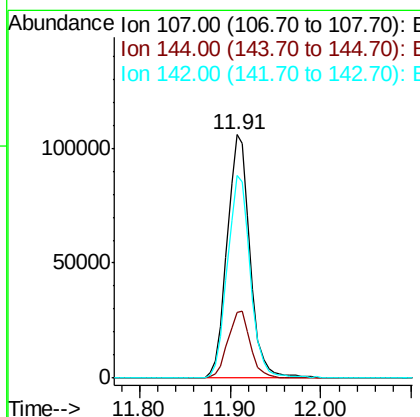
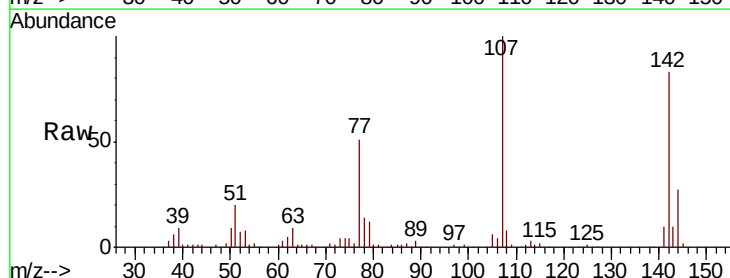
Instrument :
 BNA_G
 ClientSampleId :

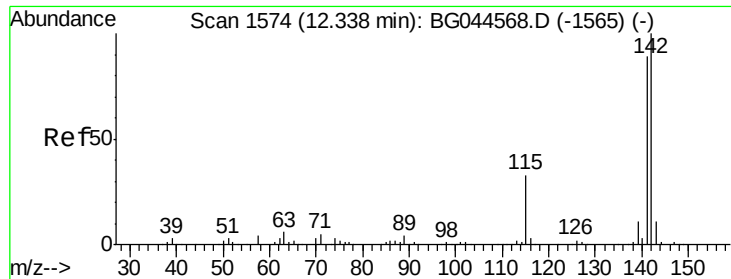
Tot Ion:113 Resp: 64931
 Ion Ratio Lower Upper
 113 100
 55 152.8 127.8 167.8
 56 107.4 86.9 126.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.098 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.06 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion:107 Resp: 186083
 Ion Ratio Lower Upper
 107 100
 144 27.0 22.3 33.5
 142 83.0 69.3 103.9

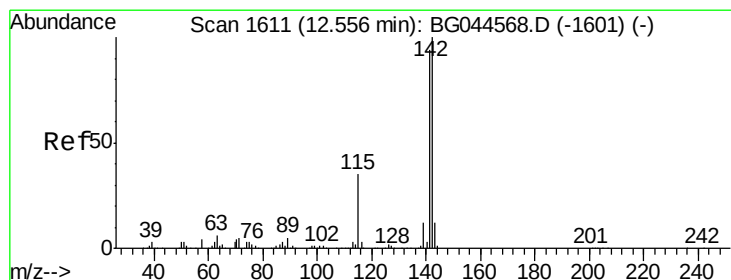
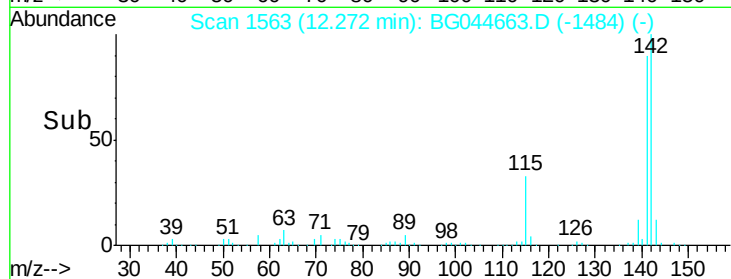
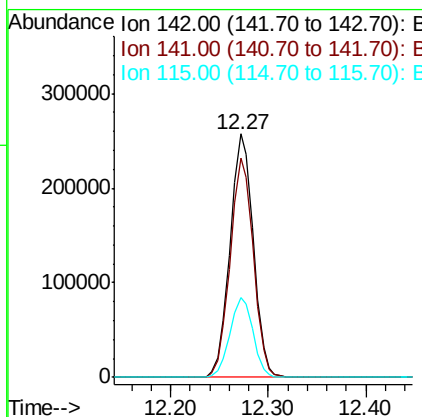
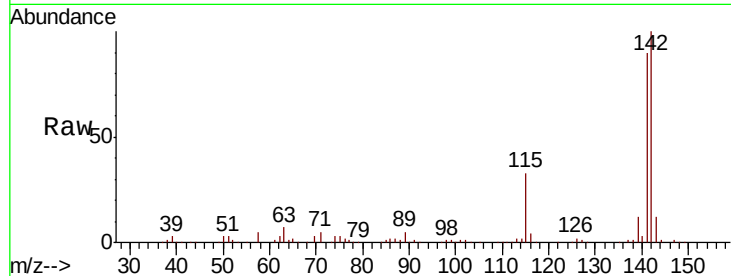




#37
2-Methylnaphthalene
Concen: 37.061 ng
RT: 12.27 min Scan# 1563
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

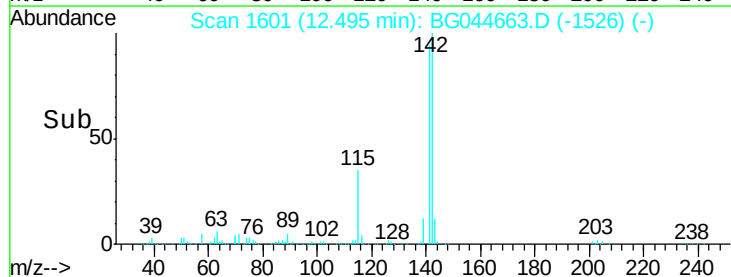
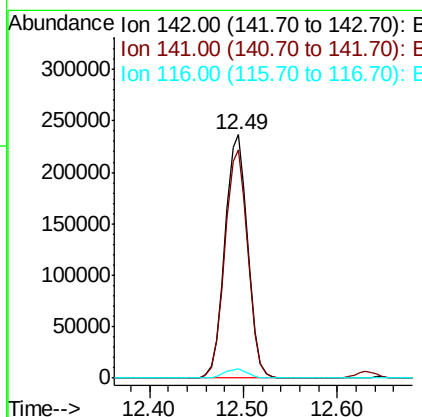
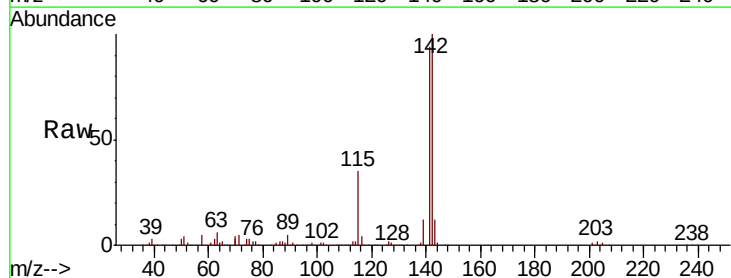
Instrument :
BNA_G
ClientSampleId :

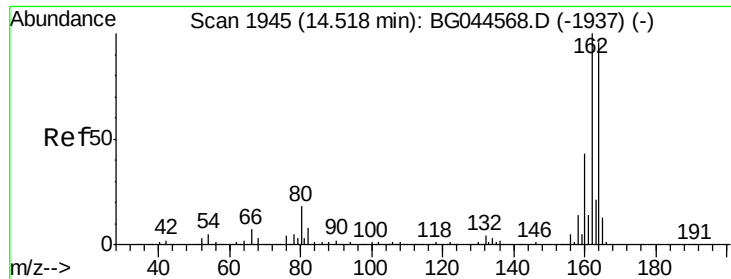
Tot Ion:142 Resp: 425409
Ion Ratio Lower Upper
142 100
141 90.3 71.3 106.9
115 33.0 26.2 39.2



#38
1-Methylnaphthalene
Concen: 36.447 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:142 Resp: 397527
Ion Ratio Lower Upper
142 100
141 93.7 75.1 112.7
116 3.8 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

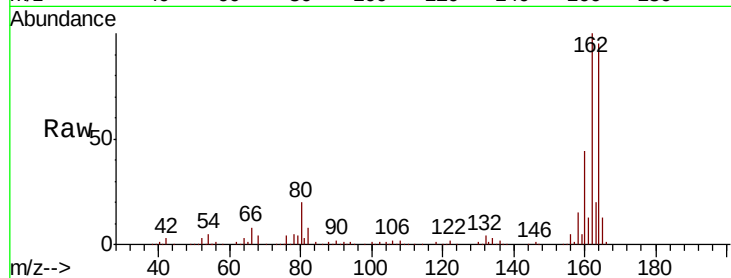
Tot Ion:164 Resp: 176305

Ion Ratio Lower Upper

164 100

162 104.7 83.6 125.4

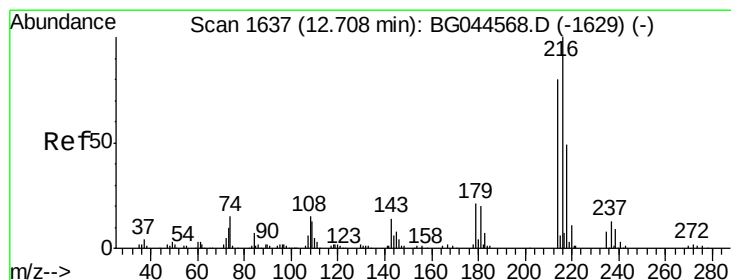
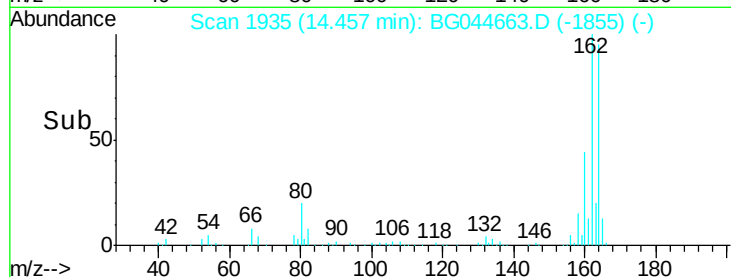
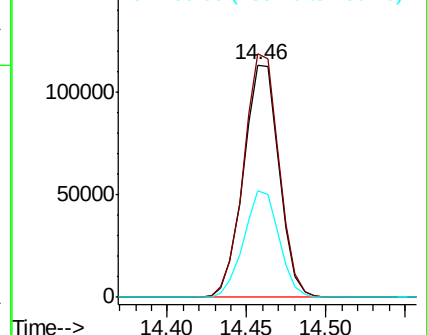
160 46.1 36.2 54.4



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: 37.472 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:216 Resp: 222408

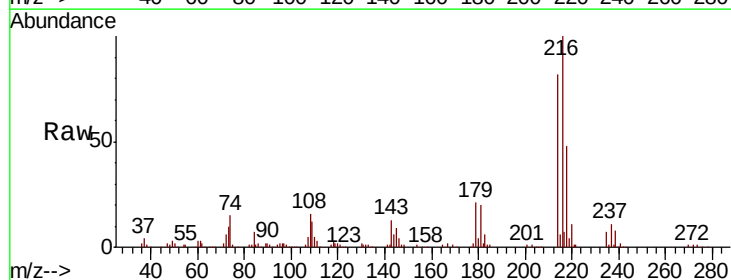
Ion Ratio Lower Upper

216 100

214 80.6 63.3 94.9

179 20.6 16.2 24.2

108 16.6 12.6 18.8

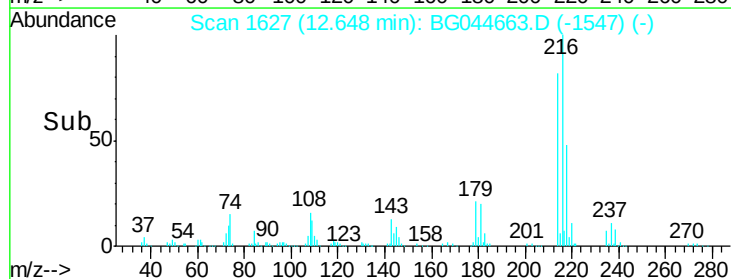
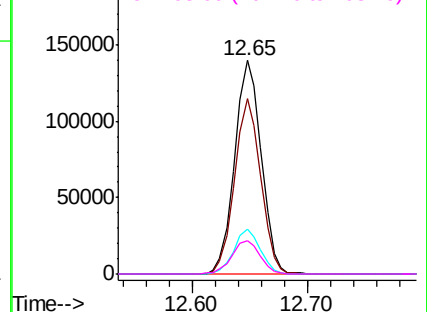


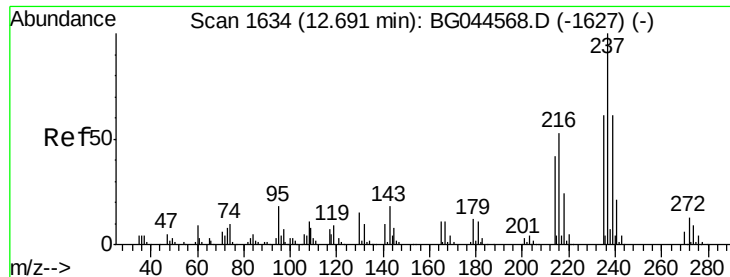
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.112 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

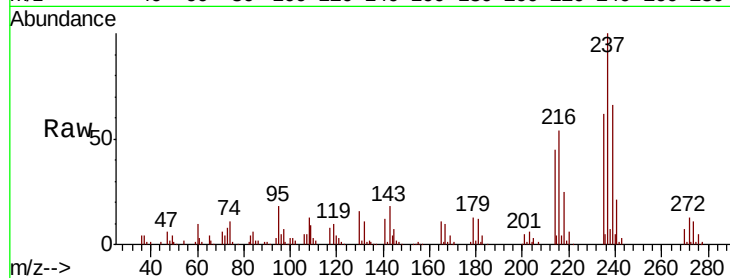
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 87214

Ion	Ratio	Lower	Upper
237	100		
235	62.0	40.7	80.7
272	12.8	0.0	32.7

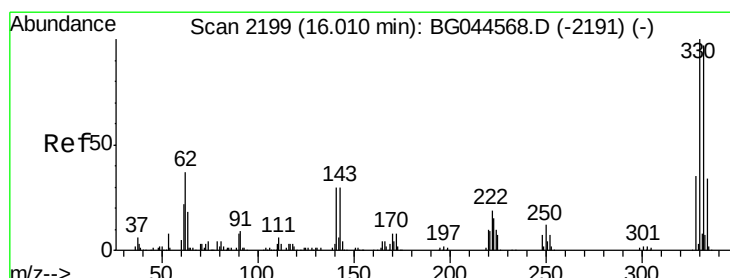
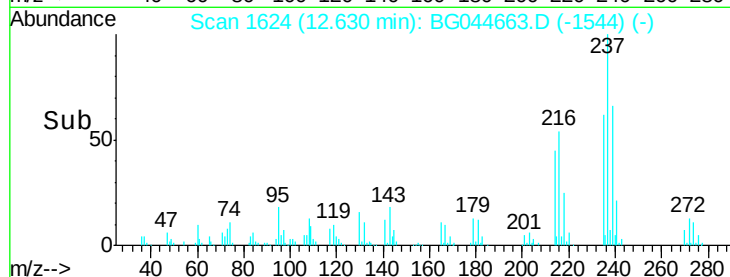
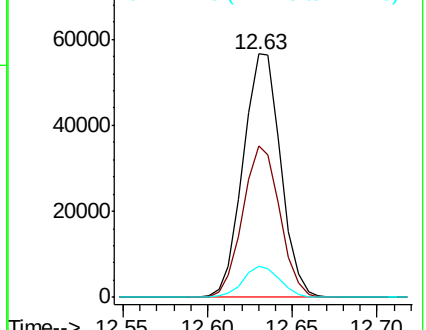


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 72.759 ng

RT: 15.95 min Scan# 2189

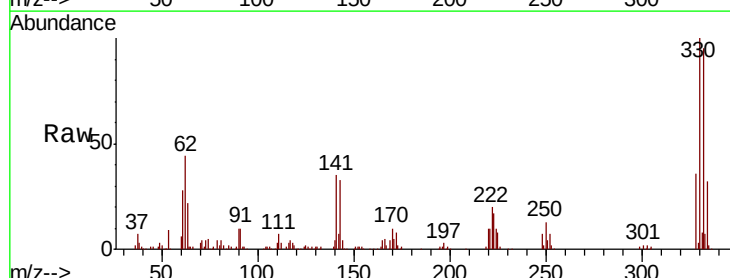
Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:330 Resp: 181887

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	33.7	26.1	39.1

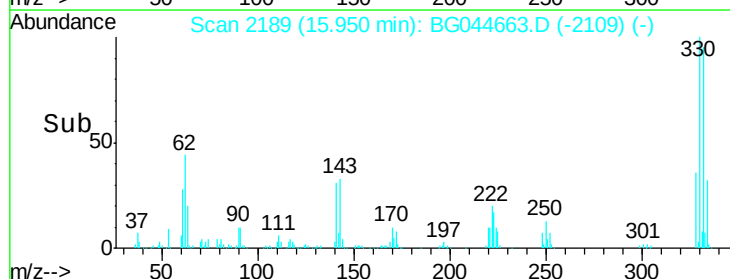
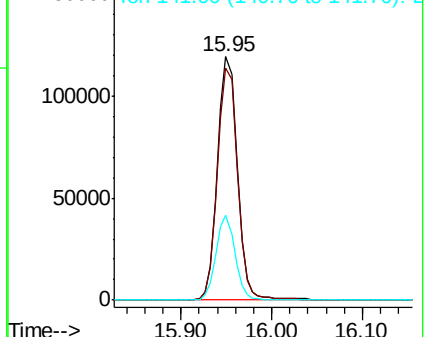


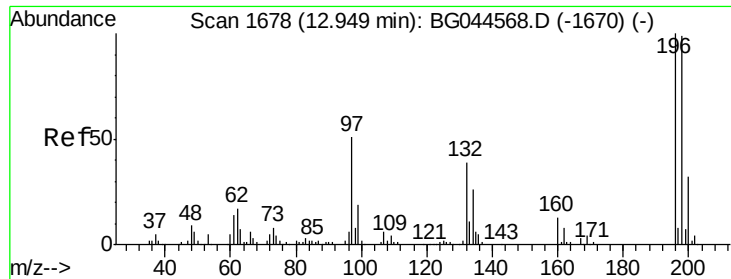
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

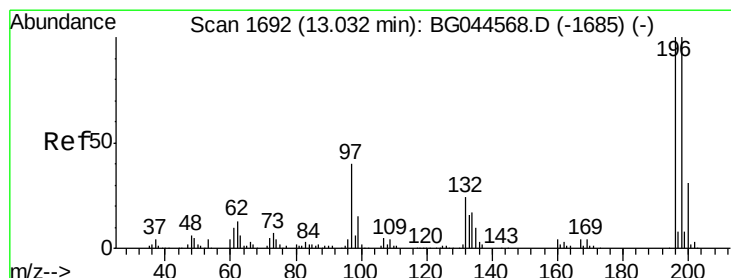
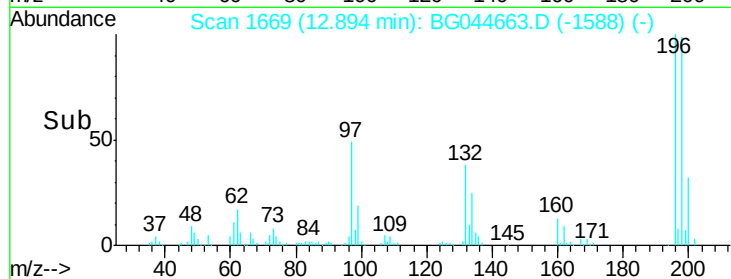
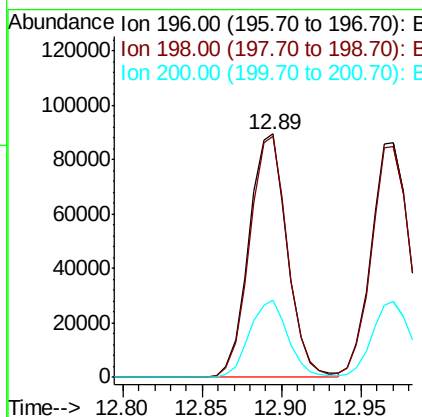
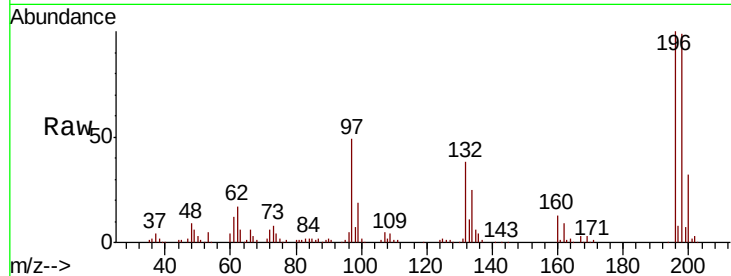




#43
 2,4,6-Trichlorophenol
 Concen: 38.981 ng
 RT: 12.89 min Scan# 1669
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

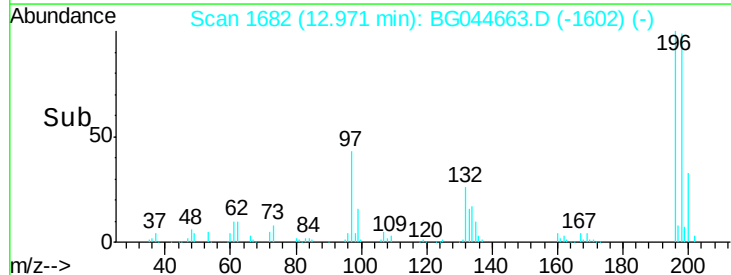
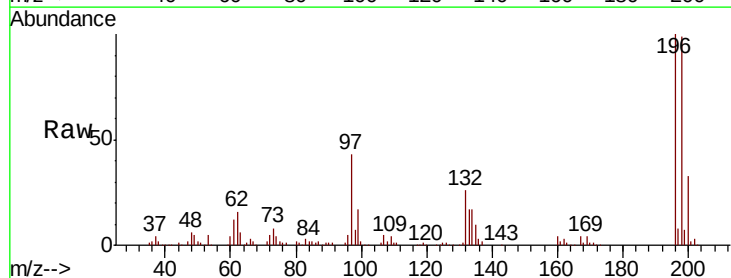
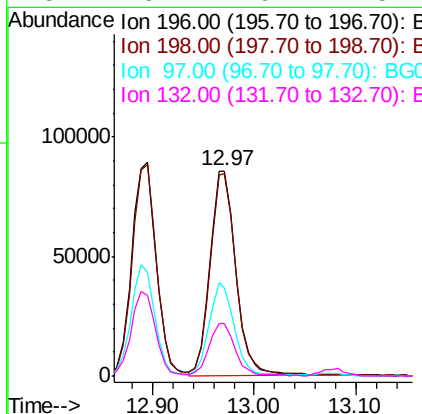
Instrument :
 BNA_G
 ClientSampled :

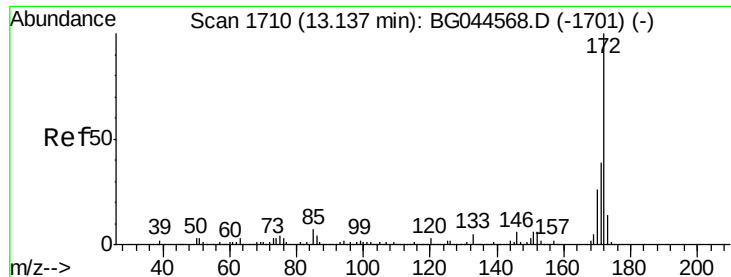
Tot Ion	196	Resp	150226
Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.2	118.8
200	31.5	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 38.186 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.06 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	196	Resp	151172
Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.3	118.9
97	43.3	32.3	48.5
132	25.7	19.1	28.7

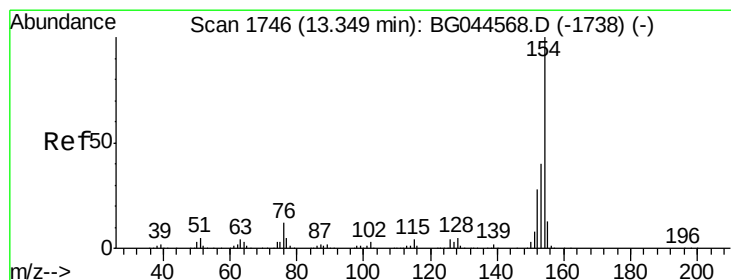
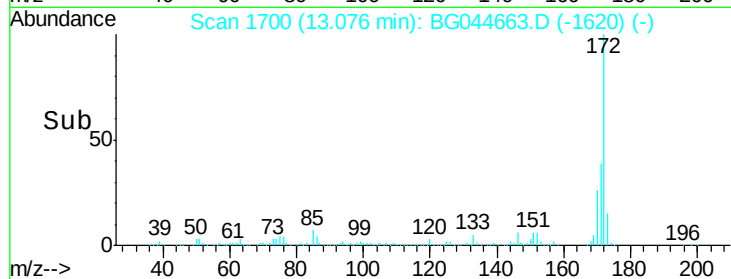
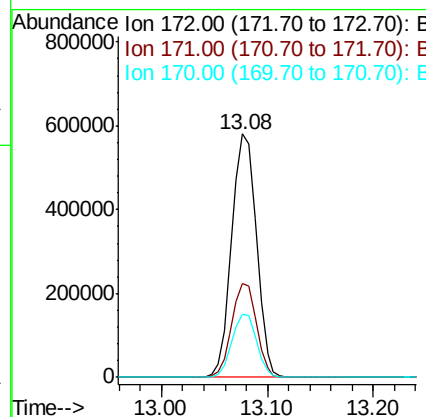
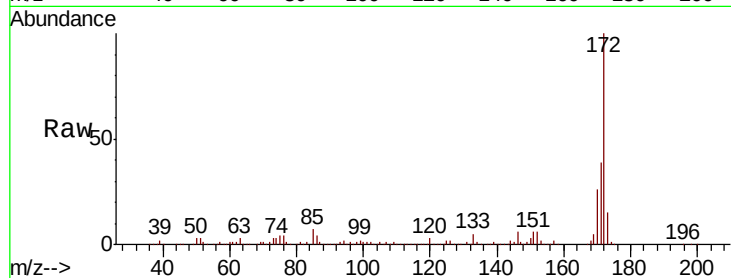




#45
2-Fluorobiphenyl
Concen: 76.321 ng
RT: 13.08 min Scan# 1700
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

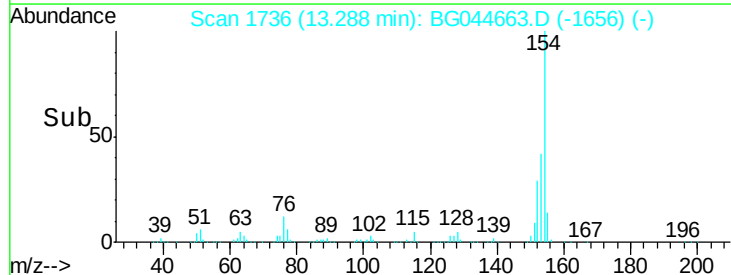
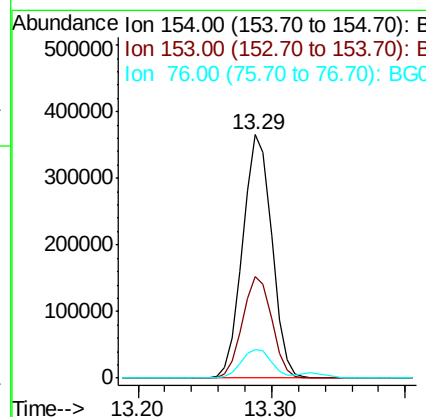
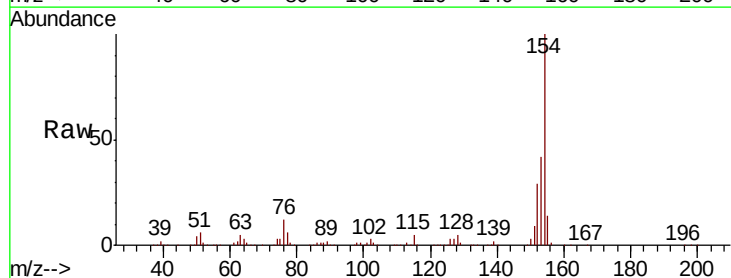
Instrument :
BNA_G
ClientSampleId :

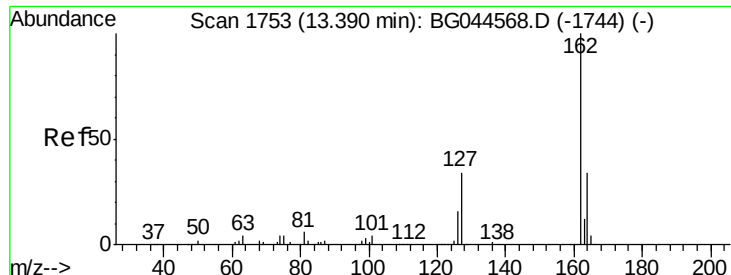
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	26.1	21.0	31.4



#46
1,1'-Biphenyl
Concen: 37.879 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.2	60.2
76	11.9	0.0	31.8

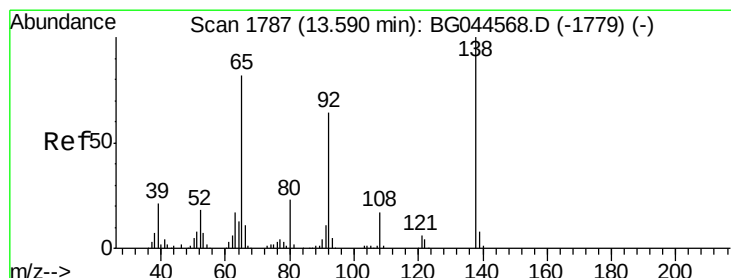
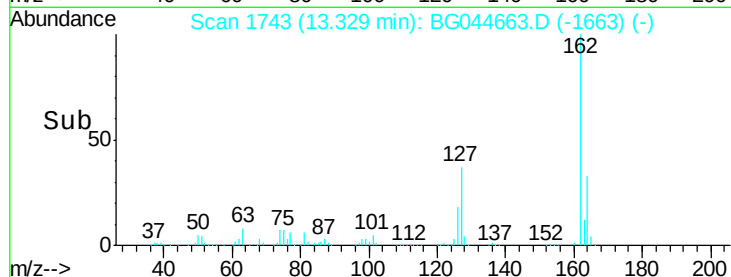
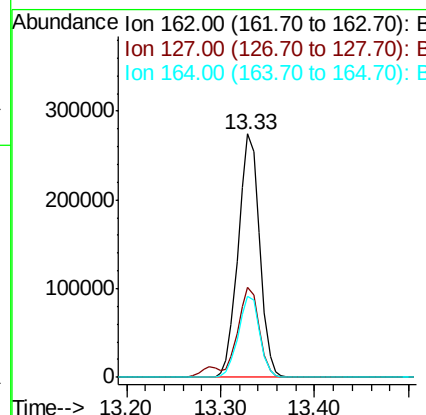
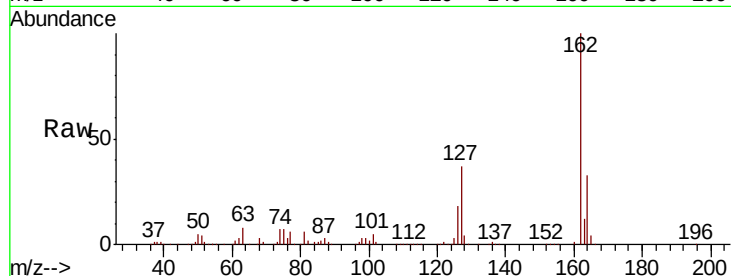




#47
2-Chloronaphthalene
Concen: 37.883 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

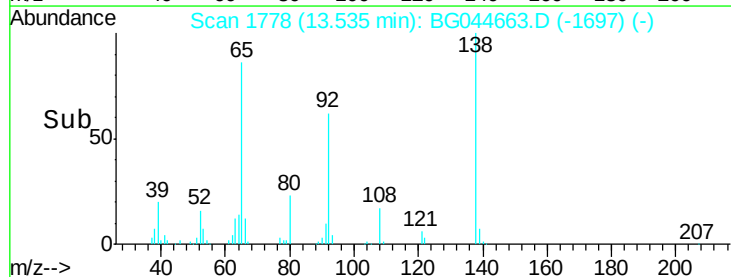
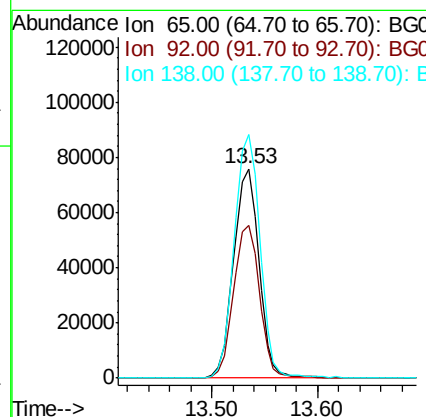
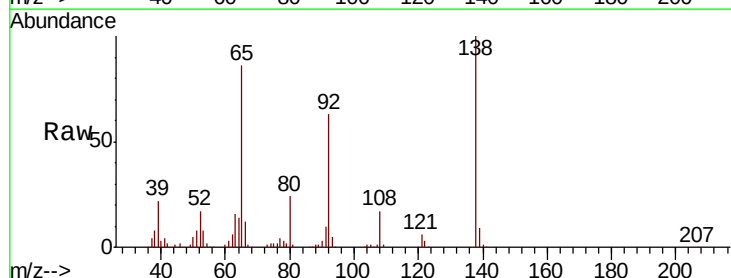
Instrument :
BNA_G
ClientSampleId :

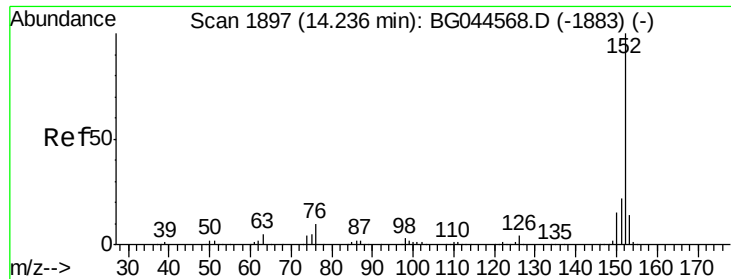
Tot Ion:162 Resp: 433419
Ion Ratio Lower Upper
162 100
127 36.9 28.7 43.1
164 33.2 27.3 40.9



#48
2-Nitroaniline
Concen: 39.892 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion: 65 Resp: 126690
Ion Ratio Lower Upper
65 100
92 73.0 62.2 93.2
138 116.3 97.6 146.4





#49

Acenaphthylene

Concen: 38.207 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

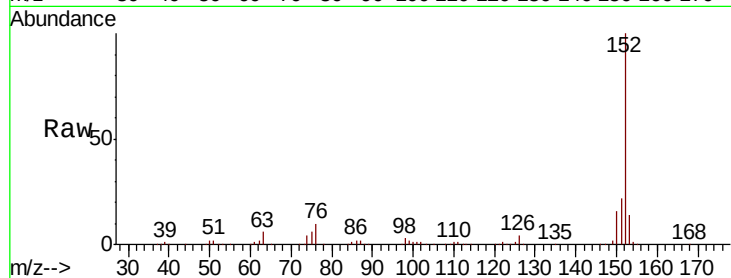
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 645247

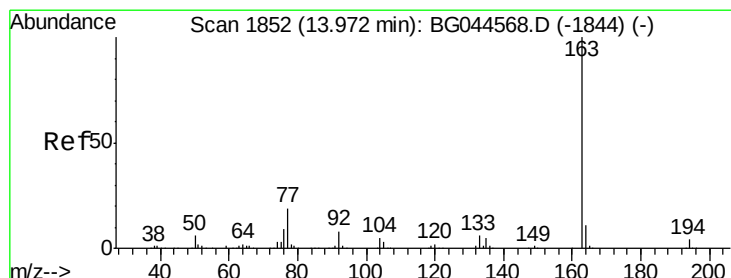
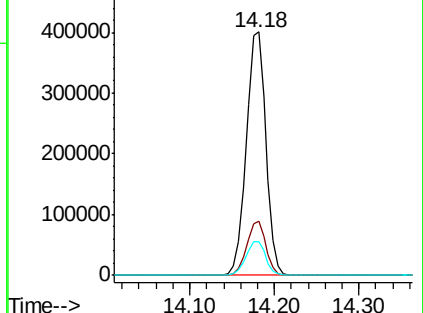
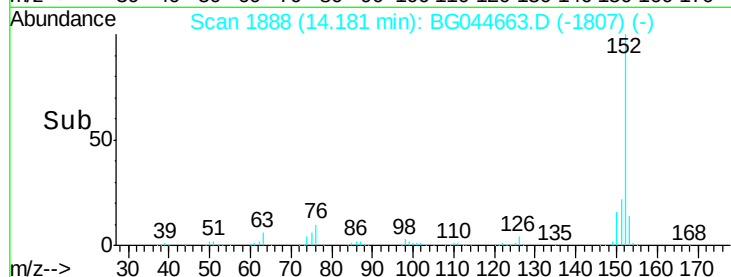
Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.7	26.5
153	14.0	11.3	16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.657 ng

RT: 13.92 min Scan# 1843

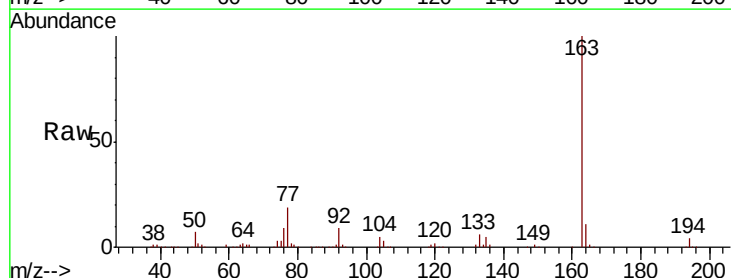
Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:163 Resp: 535864

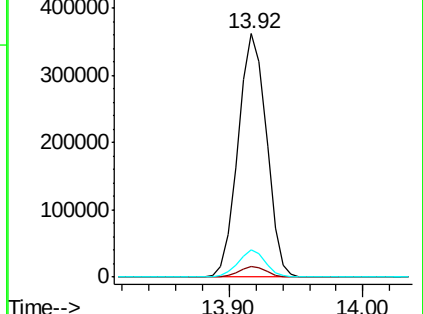
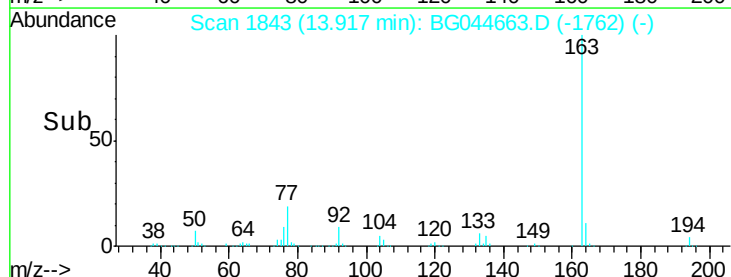
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	11.1	8.7	13.1

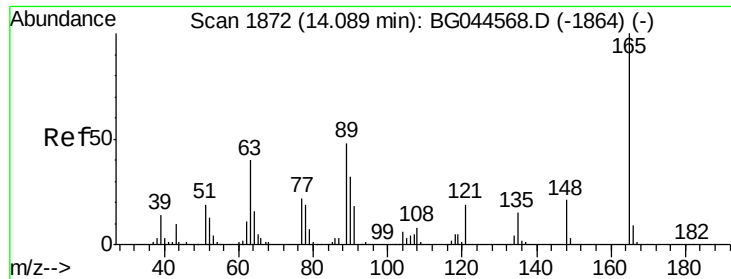


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

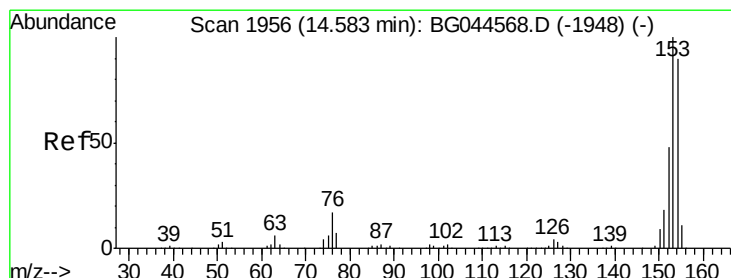
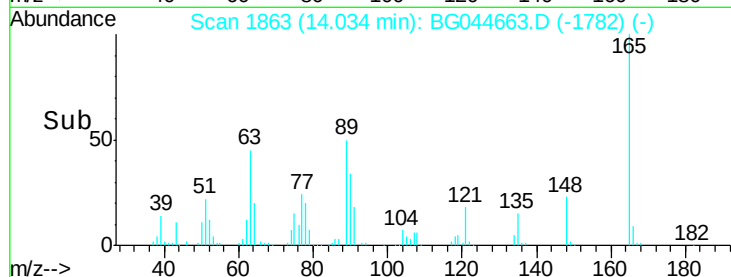
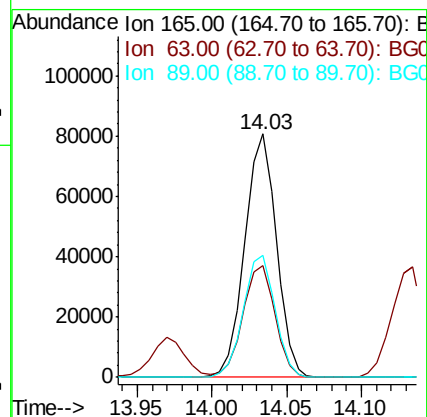
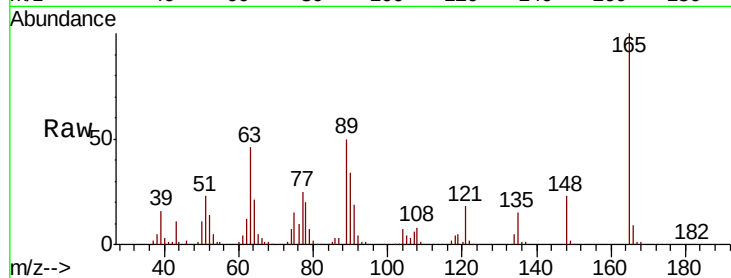




#51
 2,6-Dinitrotoluene
 Concen: 37.820 ng
 RT: 14.03 min Scan# 1863
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

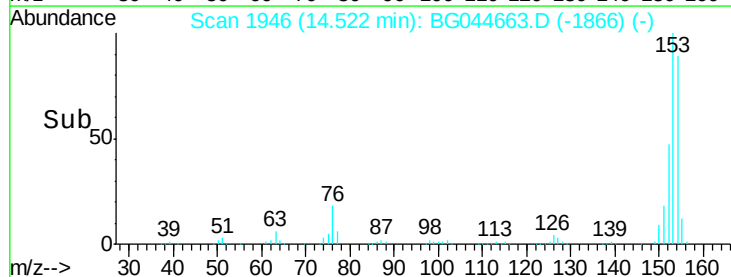
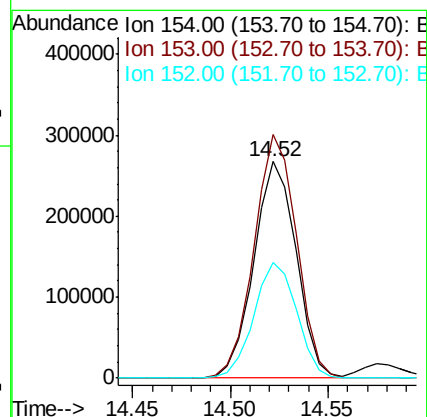
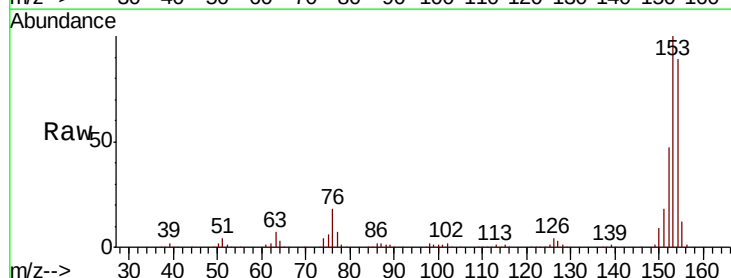
Instrument :
 BNA_G
 ClientSampleID :

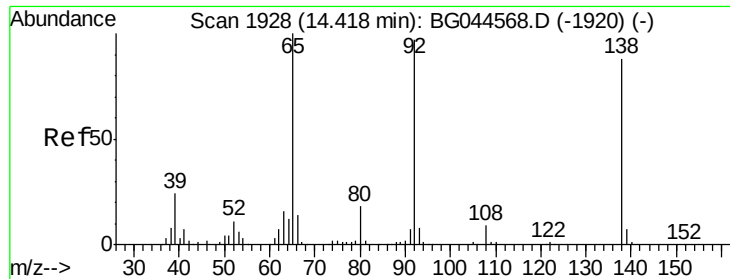
Tot Ion:165 Resp: 118694
 Ion Ratio Lower Upper
 165 100
 63 45.9 35.8 53.6
 89 50.1 38.7 58.1



#52
 Acenaphthene
 Concen: 37.382 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.06 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion:154 Resp: 402427
 Ion Ratio Lower Upper
 154 100
 153 112.5 89.4 134.0
 152 53.3 43.0 64.4





#53

3-Nitroaniline

Concen: 38.749 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampled :

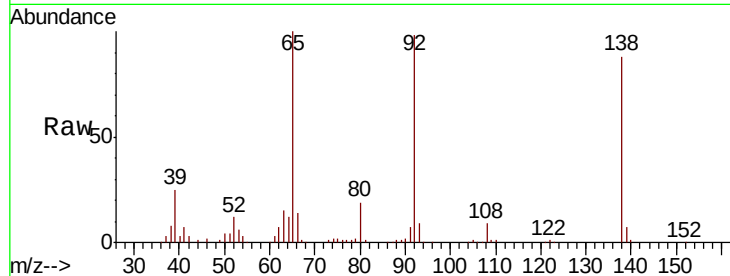
Tot Ion:138 Resp: 131153

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

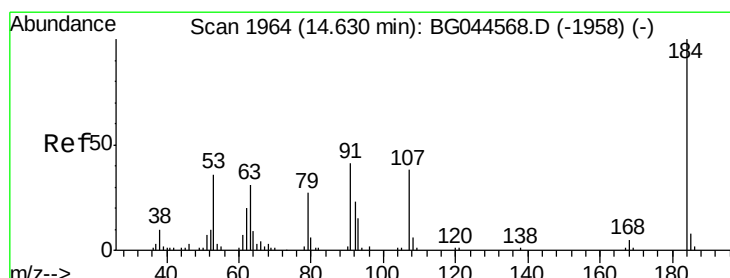
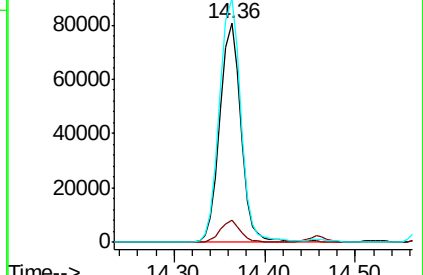
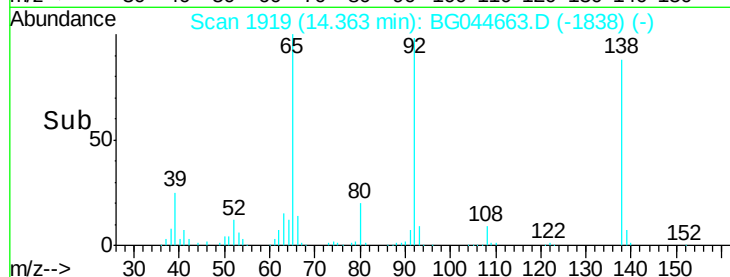
92 111.3 87.4 131.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 36.014 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

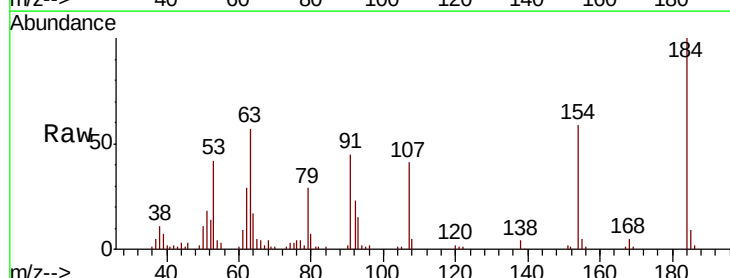
Tgt Ion:184 Resp: 56431

Ion Ratio Lower Upper

184 100

63 57.4 42.1 63.1

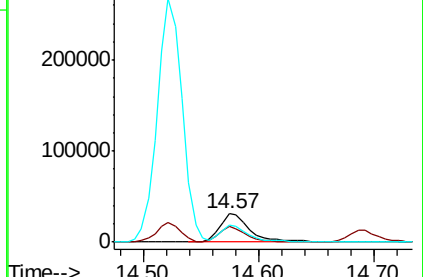
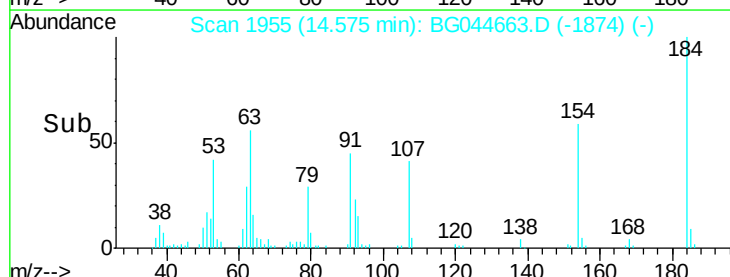
154 59.2 43.4 65.2

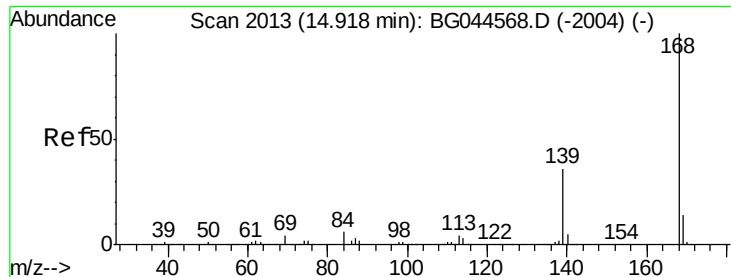


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.682 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

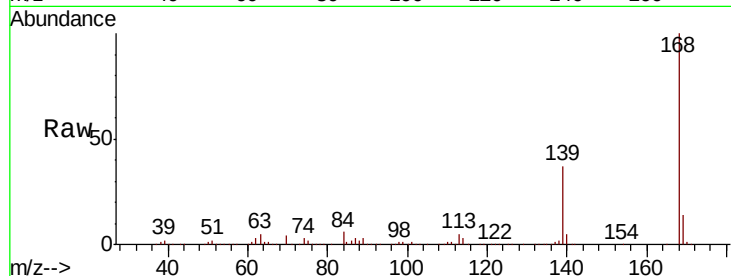
Tot Ion:168 Resp: 621896

Ion Ratio Lower Upper

168 100

139 36.5 29.2 43.8

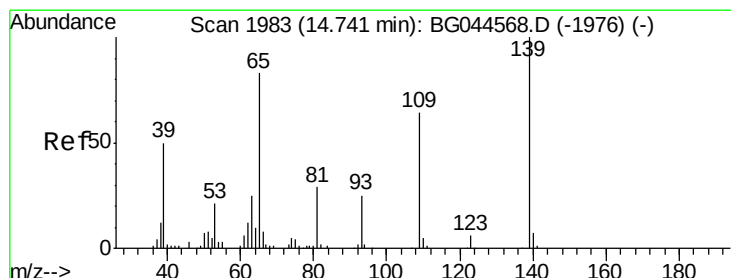
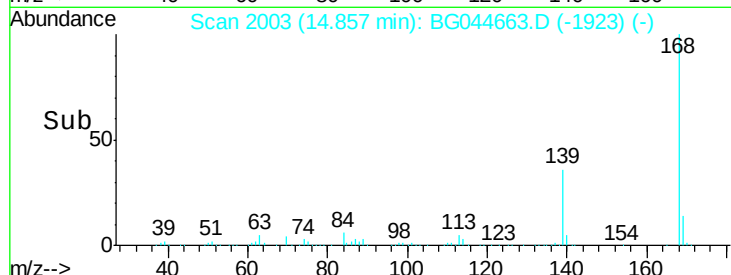
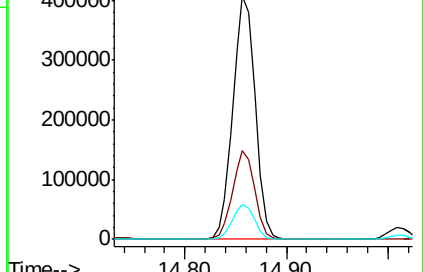
169 14.2 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.308 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

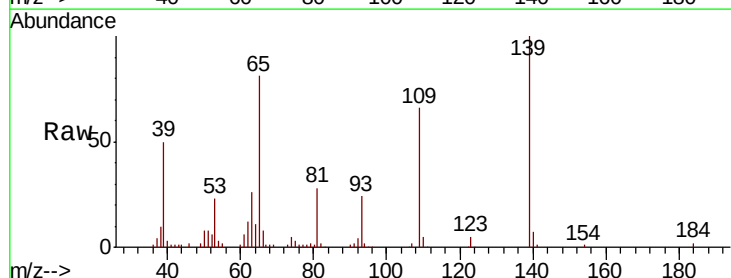
Tgt Ion:139 Resp: 91518

Ion Ratio Lower Upper

139 100

109 66.1 43.8 83.8

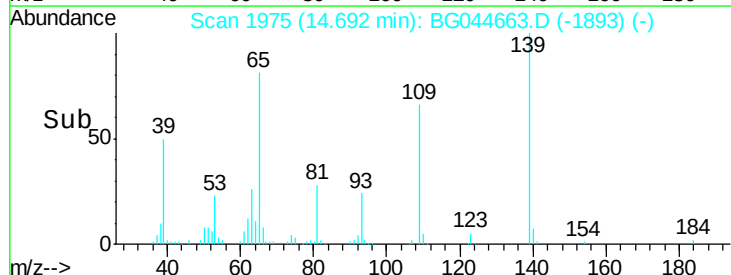
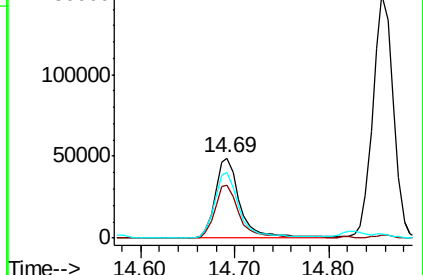
65 81.2 63.6 103.6

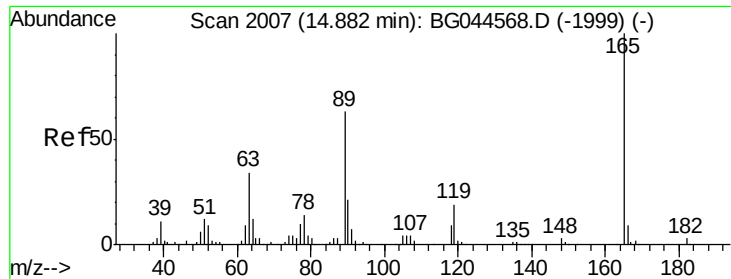


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

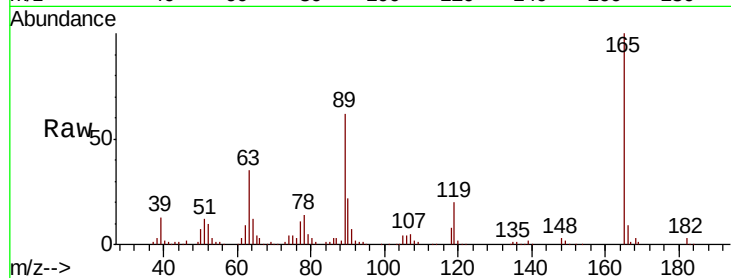




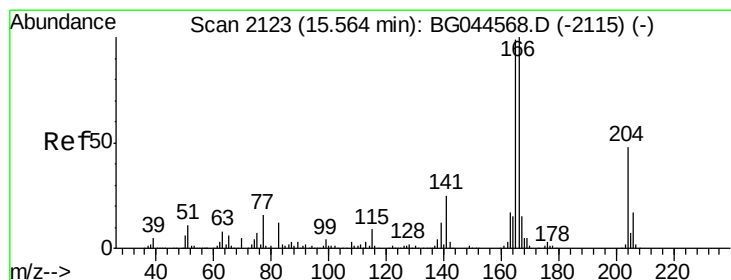
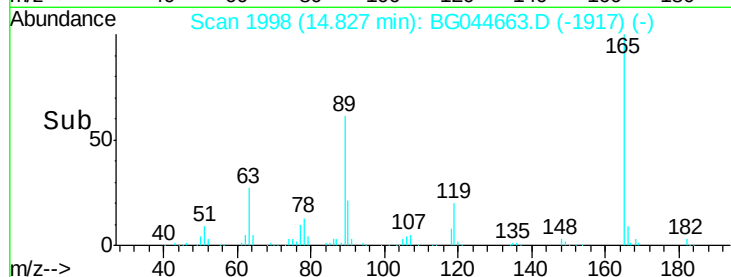
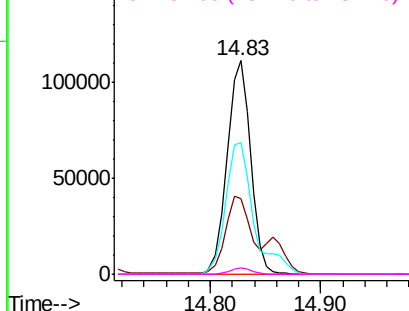
#57
2,4-Dinitrotoluene
Concen: 37.710 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 166389
Ion Ratio Lower Upper
165 100
63 35.1 27.5 41.3
89 62.0 50.0 75.0
182 2.8 2.3 3.5

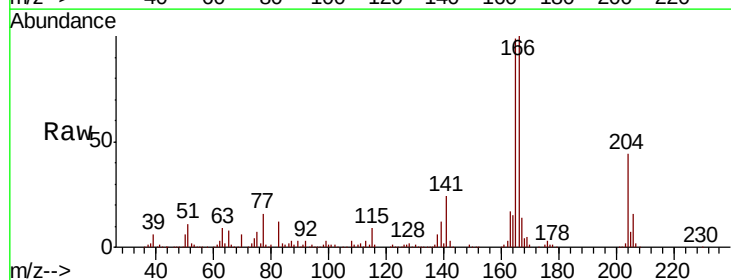


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

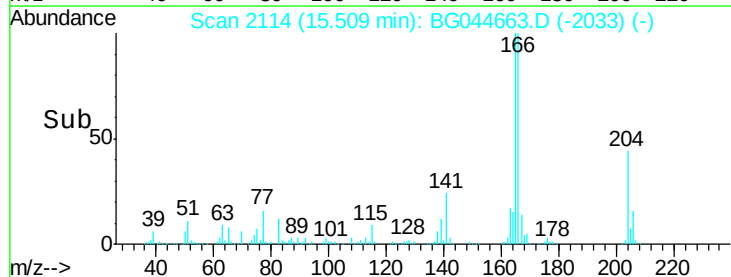
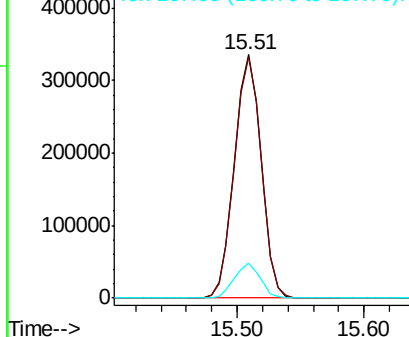


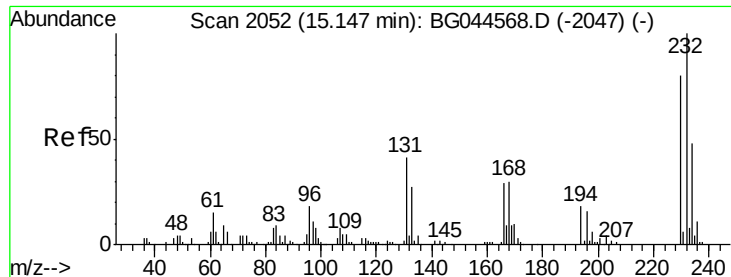
#58
Fluorene
Concen: 37.418 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:166 Resp: 489646
Ion Ratio Lower Upper
166 100
165 99.2 79.2 118.8
167 14.3 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

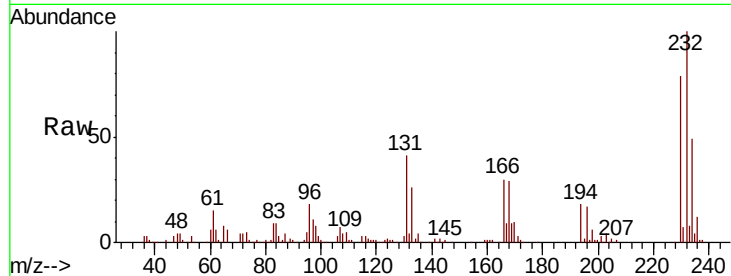




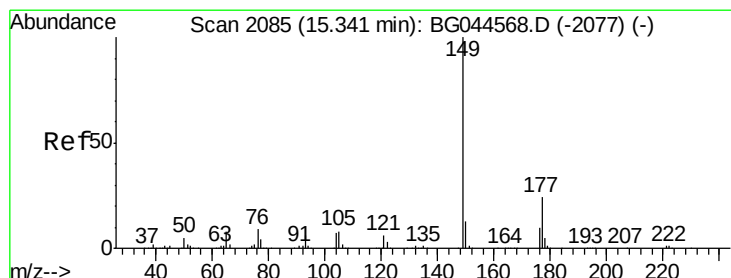
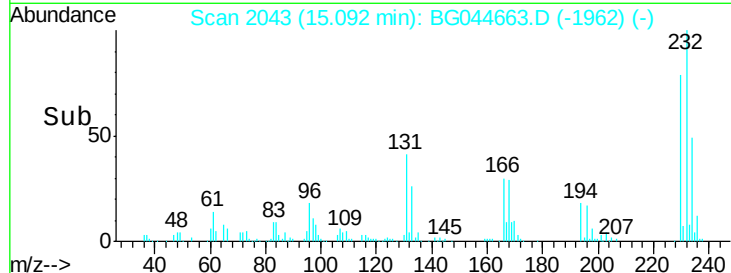
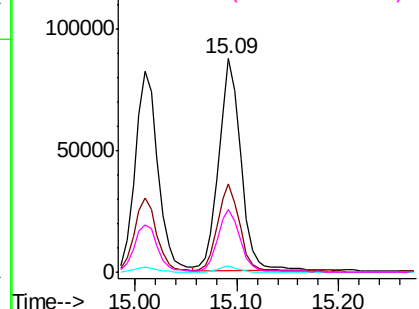
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.533 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.3	31.8	47.6
130	2.4	1.8	2.6
166	31.0	22.7	34.1

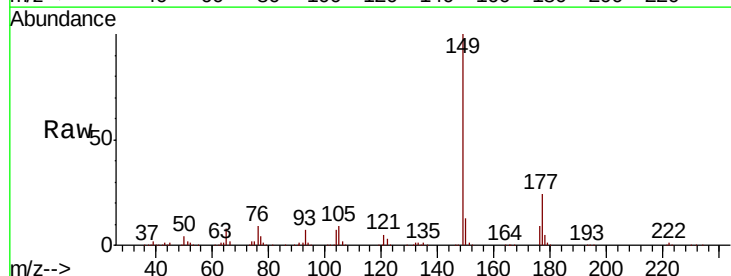


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

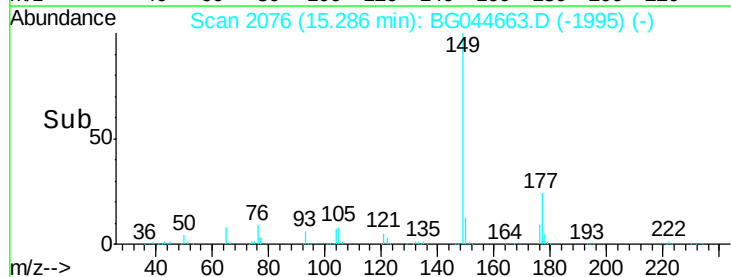
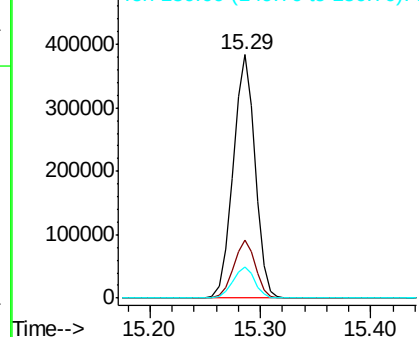


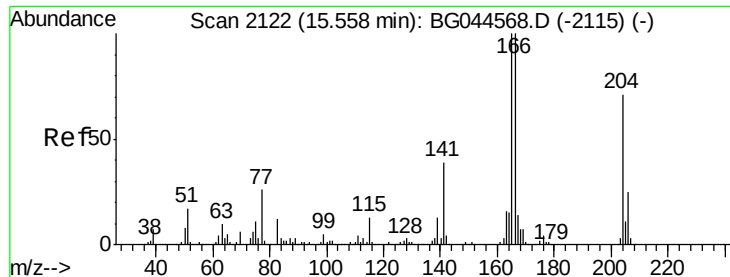
#60
Diethylphthalate
Concen: 37.800 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.2	28.8
150	12.9	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

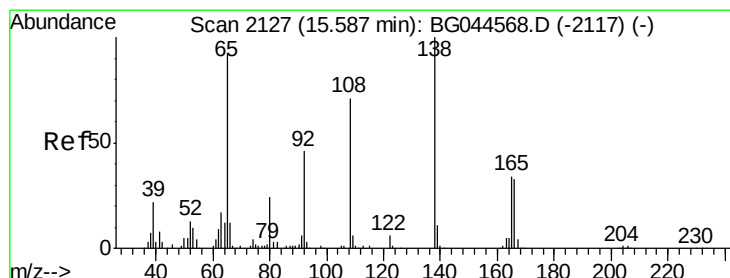
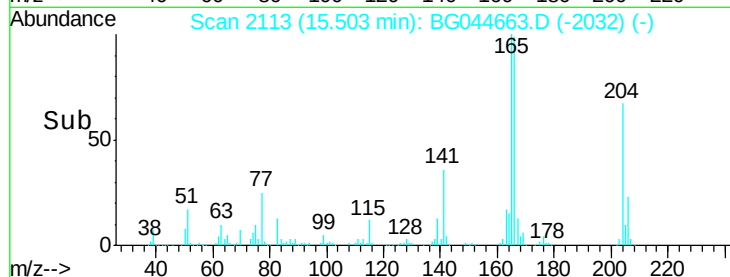
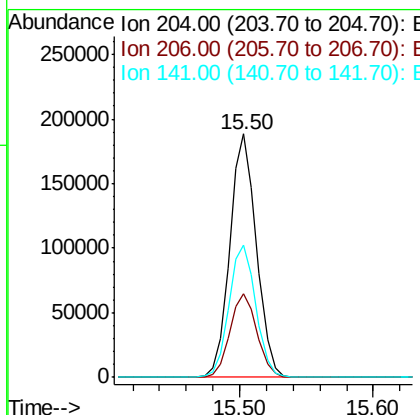
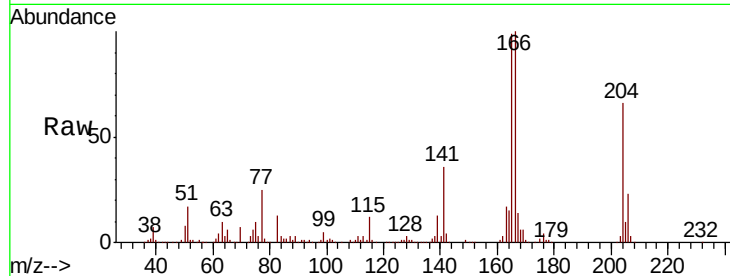




#61
 4-Chlorophenyl-phenylether
 Concen: 36.712 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

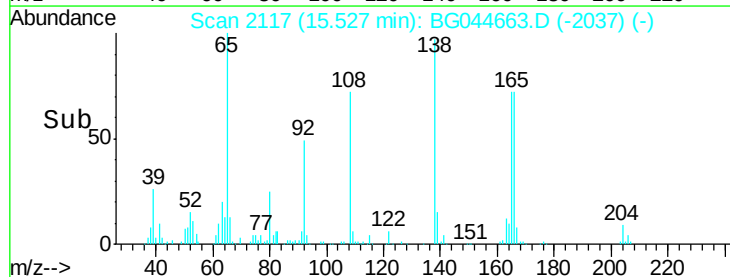
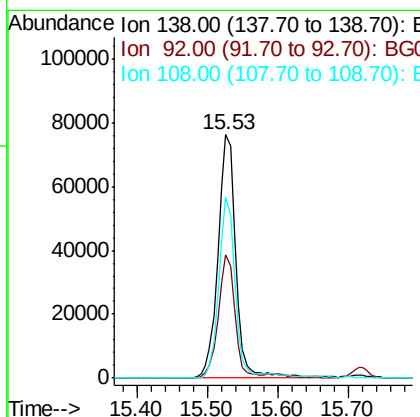
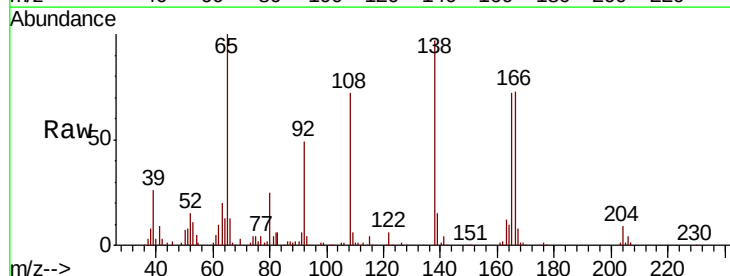
Instrument :
 BNA_G
 ClientSampleId :

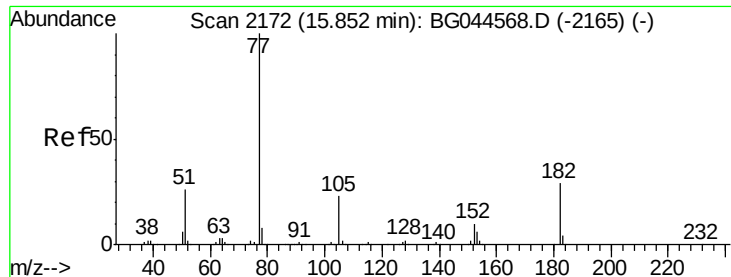
Tot Ion:	204	Resp:	261203
Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.8	41.8
141	54.2	43.8	65.8



#62
 4-Nitroaniline
 Concen: 39.704 ng
 RT: 15.53 min Scan# 2117
 Delta R.T. -0.06 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion:	138	Resp:	134563
Ion	Ratio	Lower	Upper
138	100		
92	50.7	26.4	66.4
108	74.5	50.5	90.5





#63

Azobenzene

Concen: 37.890 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 454664

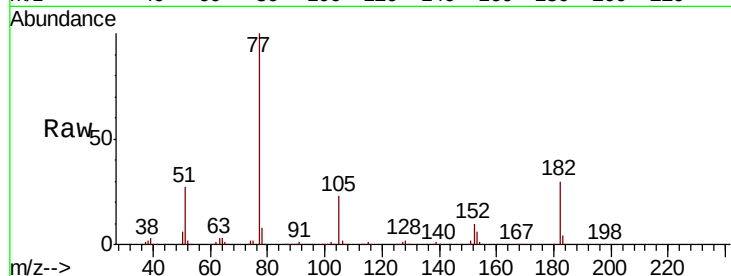
Ion Ratio Lower Upper

77 100

182 29.6 9.4 49.4

105 23.1 3.4 43.4

51 27.5 6.4 46.4

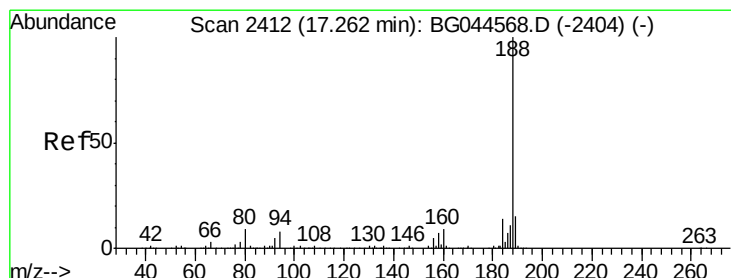
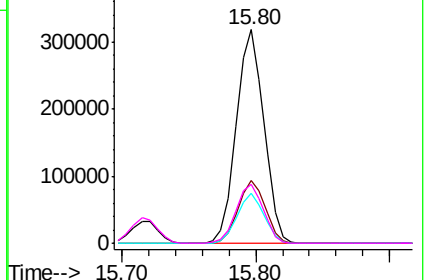
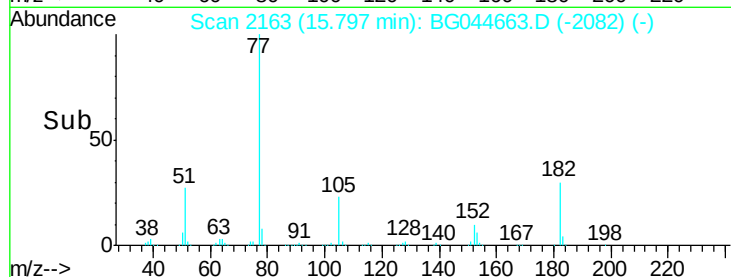


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2402

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

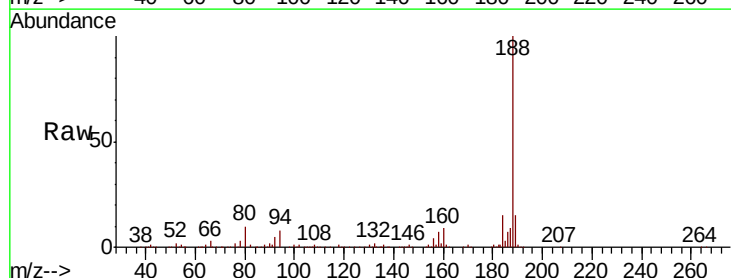
Tgt Ion: 188 Resp: 383618

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

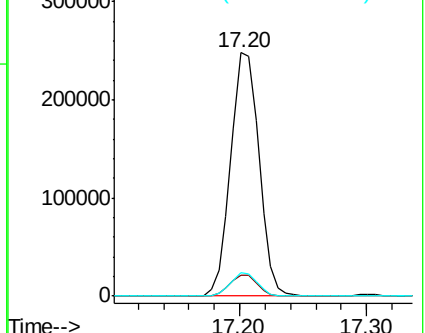
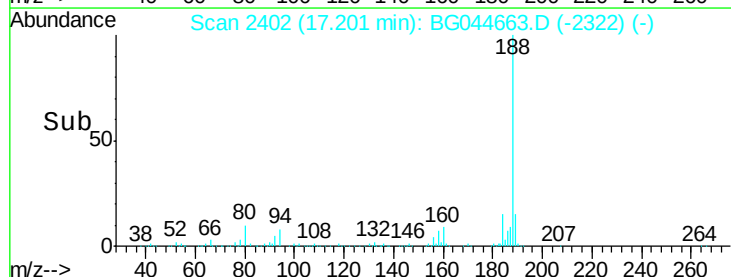
80 9.6 7.6 11.4

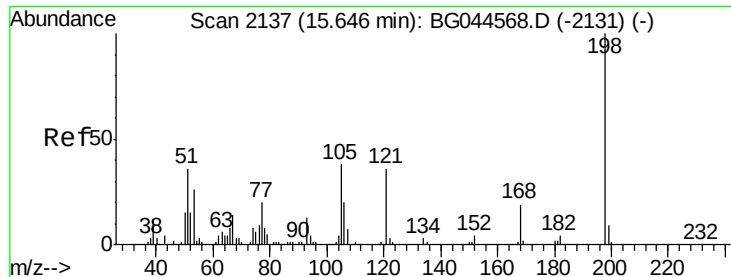


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

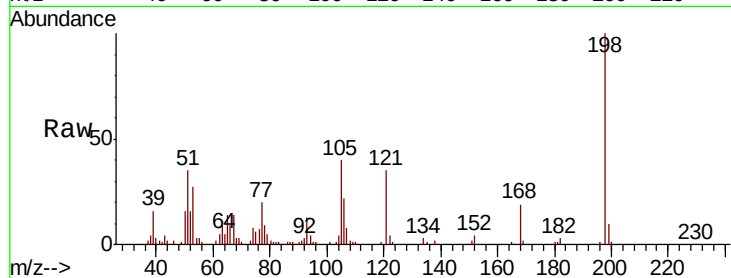




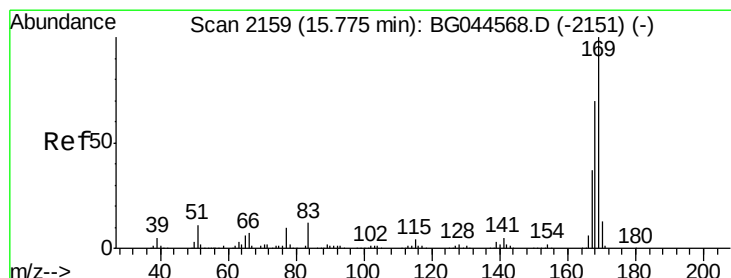
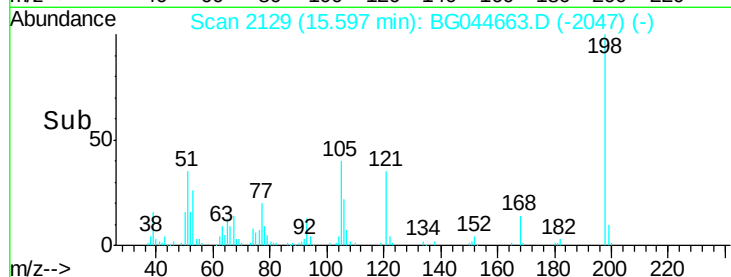
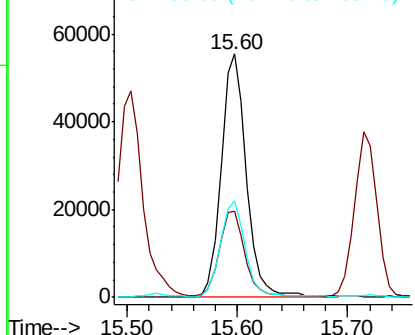
#65
4,6-Dinitro-2-methylphenol
Concen: 37.233 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 88440
Ion Ratio Lower Upper
198 100
51 35.2 17.0 57.0
105 39.7 18.4 58.4

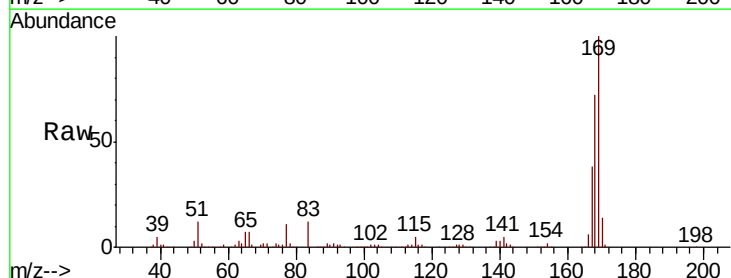


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

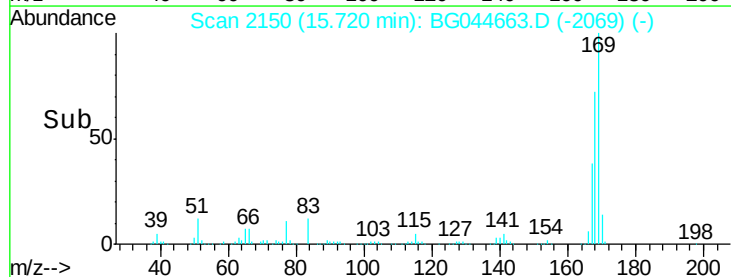
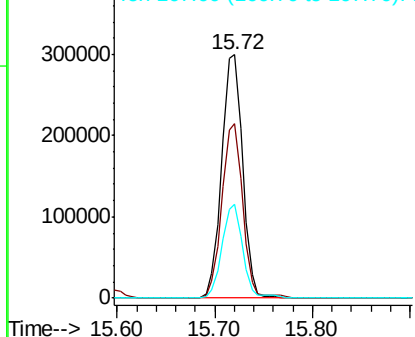


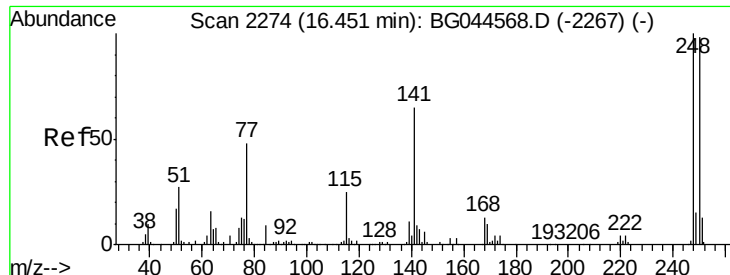
#66
n-Nitrosodiphenylamine
Concen: 37.166 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:169 Resp: 444731
Ion Ratio Lower Upper
169 100
168 71.9 56.1 84.1
167 38.5 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

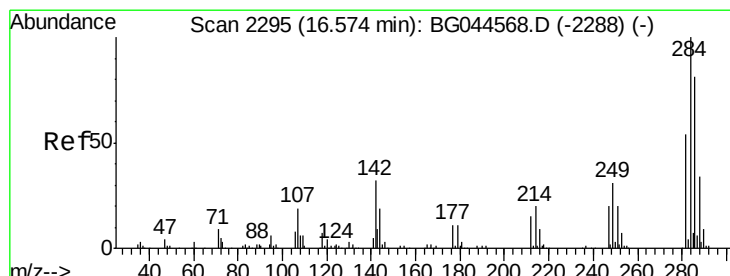
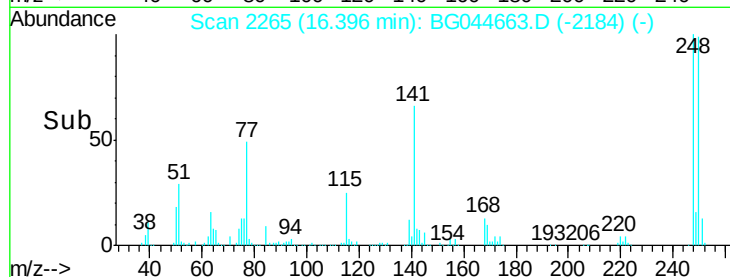
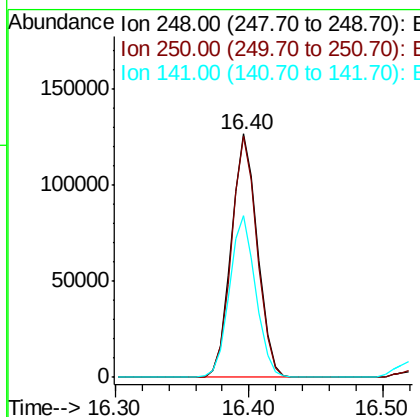
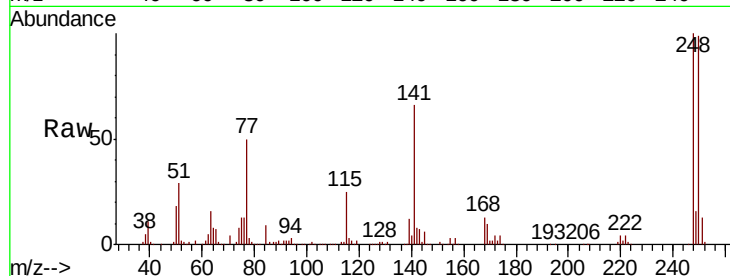




#67
 4-Bromophenyl-phenylether
 Concen: 36.416 ng
 RT: 16.40 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

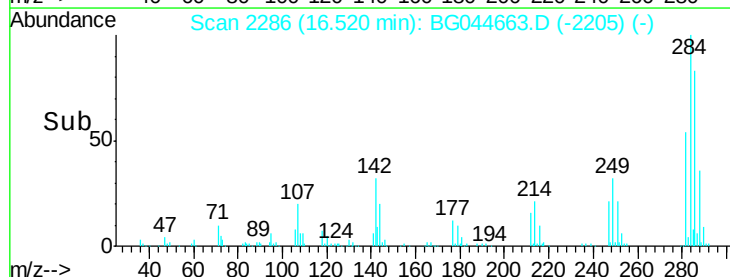
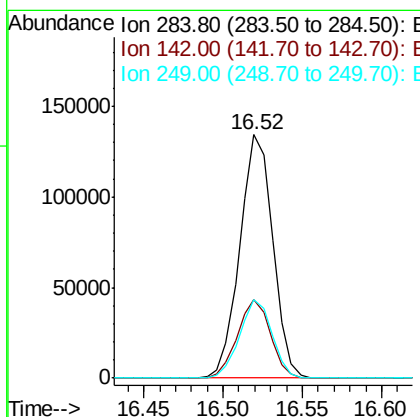
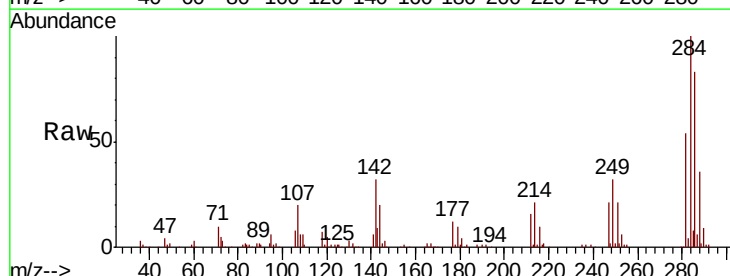
Instrument :
 BNA_G
 ClientSampleId :

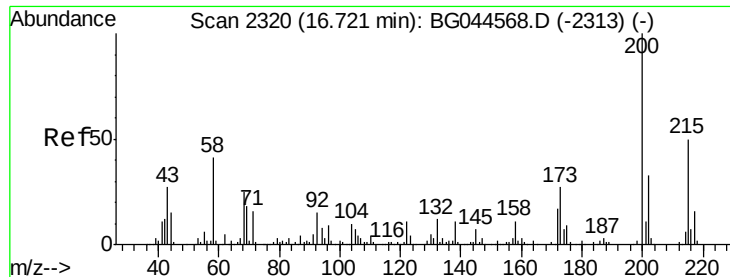
Tot Ion:248 Resp: 173407
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.7 118.1
 141 66.2 52.3 78.5



#68
 Hexachlorobenzene
 Concen: 36.087 ng
 RT: 16.52 min Scan# 2286
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion:284 Resp: 194280
 Ion Ratio Lower Upper
 284 100
 142 32.4 25.6 38.4
 249 32.5 24.6 36.8





#69

Atrazine

Concen: 36.924 ng

RT: 16.67 min Scan# 2312

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

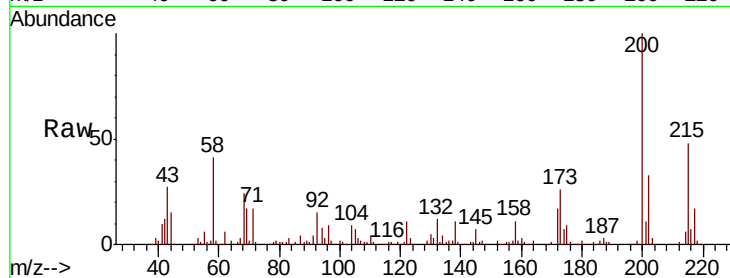
Tot Ion:200 Resp: 163342

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

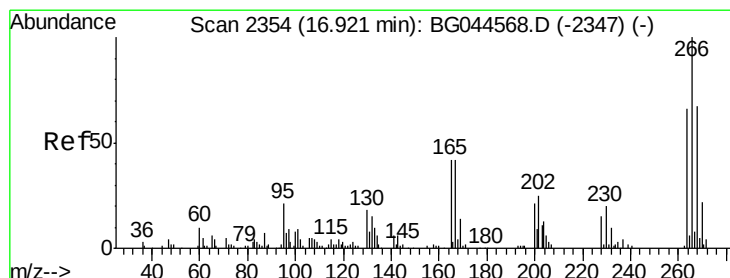
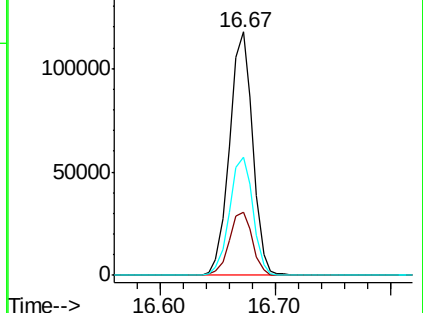
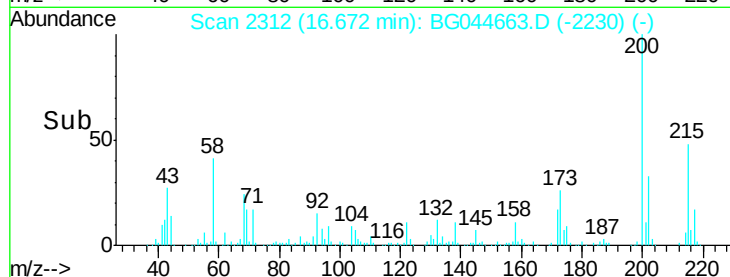
215 48.3 30.3 70.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.021 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

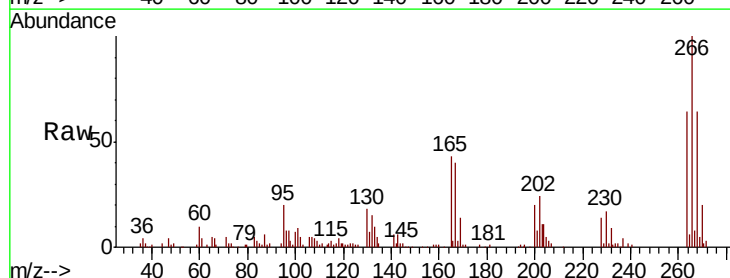
Tgt Ion:266 Resp: 86201

Ion Ratio Lower Upper

266 100

268 63.6 53.4 80.0

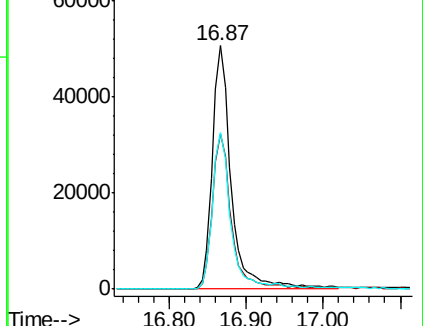
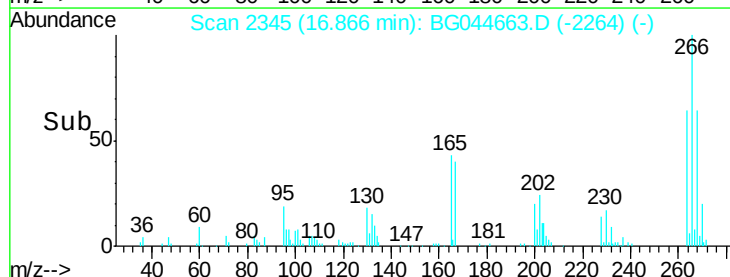
264 64.2 53.0 79.4

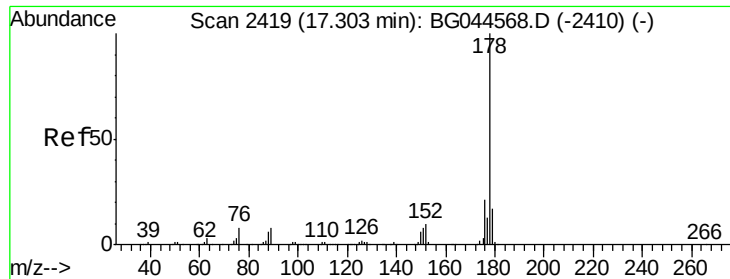


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

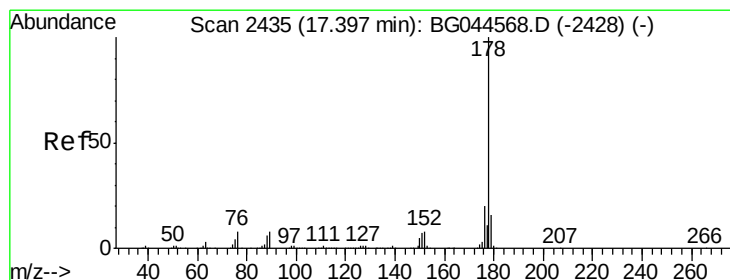
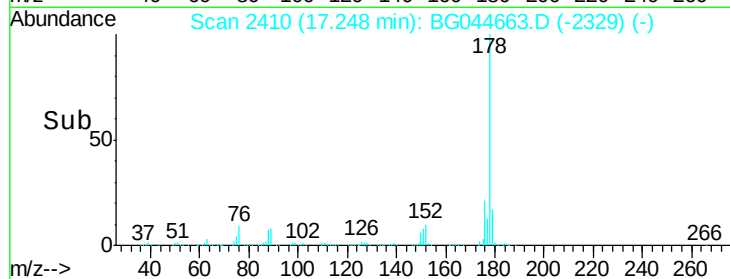
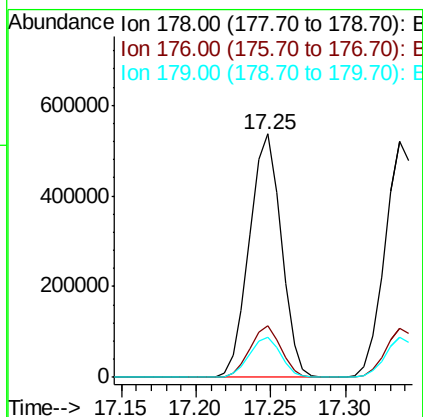
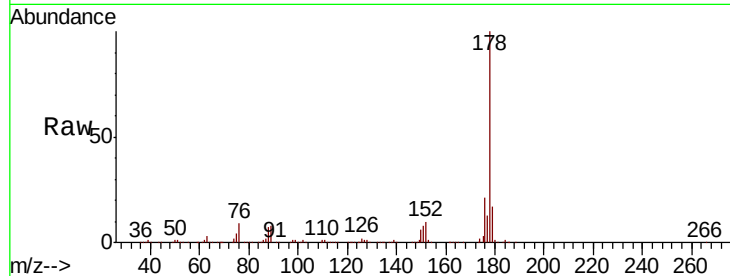




#71
Phenanthrene
Concen: 37.461 ng
RT: 17.25 min Scan# 2410
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

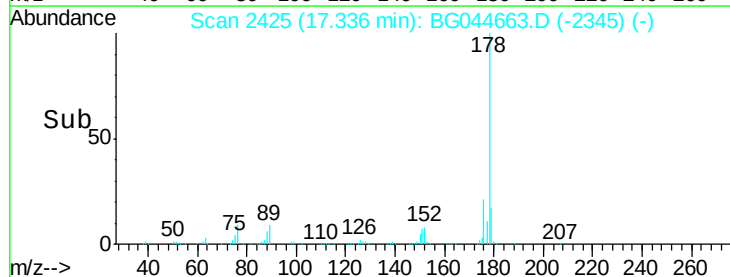
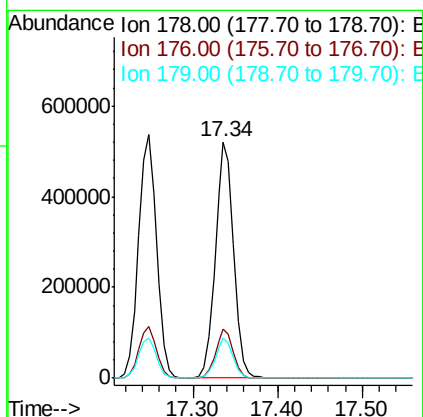
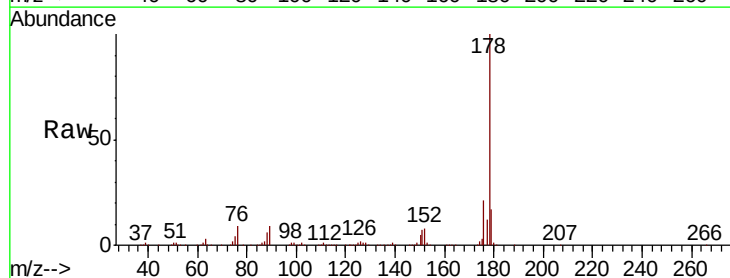
Instrument :
BNA_G
ClientSampleId :

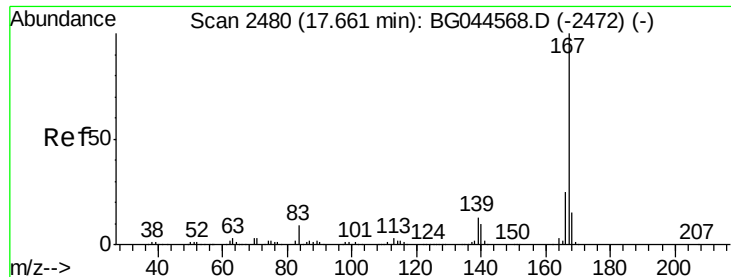
Tot Ion:178 Resp: 795620
Ion Ratio Lower Upper
178 100
176 21.0 16.6 25.0
179 16.6 13.3 19.9



#72
Anthracene
Concen: 37.634 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:178 Resp: 787675
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 17.0 13.1 19.7





#73

Carbazole

Concen: 38.532 ng

RT: 17.61 min Scan# 2471

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

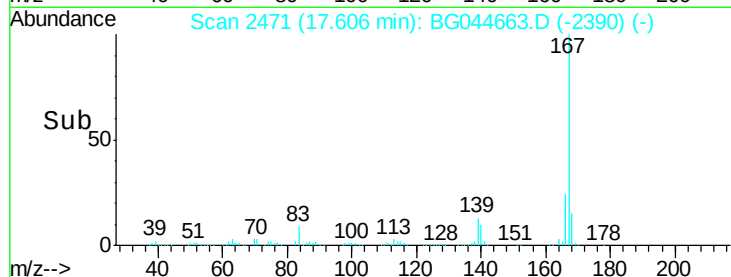
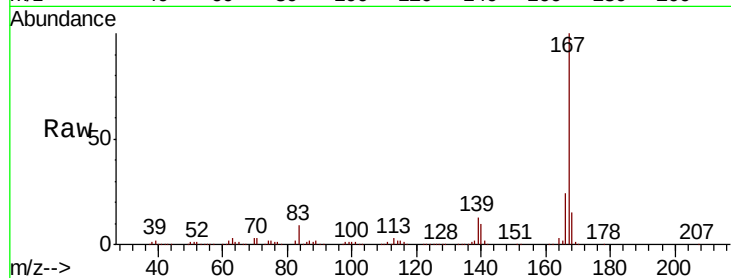
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 734089

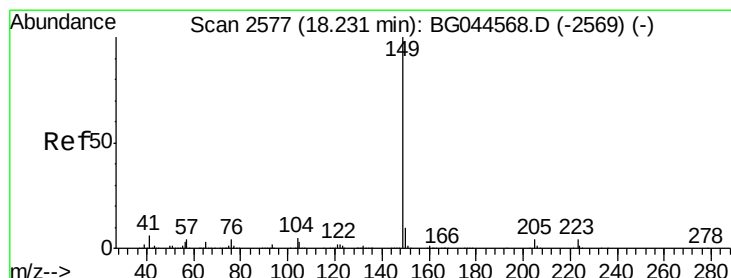
Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.7	29.5
139	13.4	10.6	15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.060 ng

RT: 18.18 min Scan# 2568

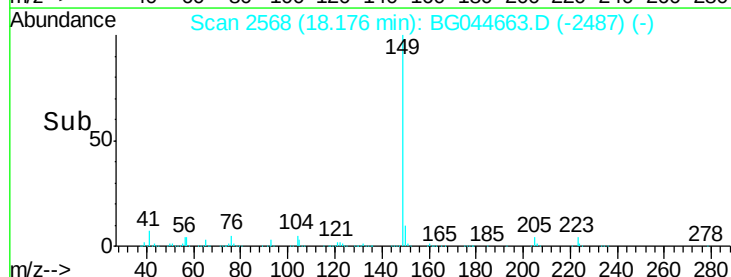
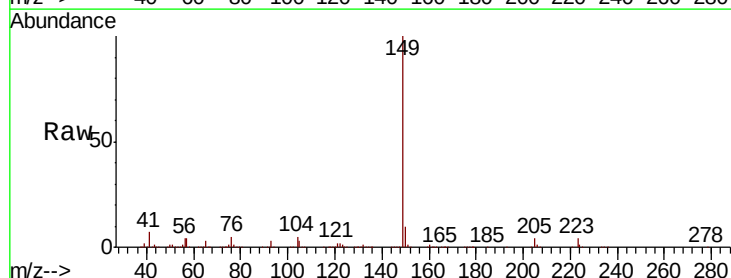
Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:149 Resp: 932487

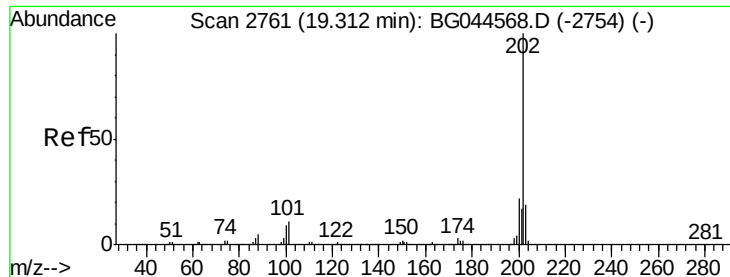
Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.1	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 37.993 ng

RT: 19.26 min Scan# 2753

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

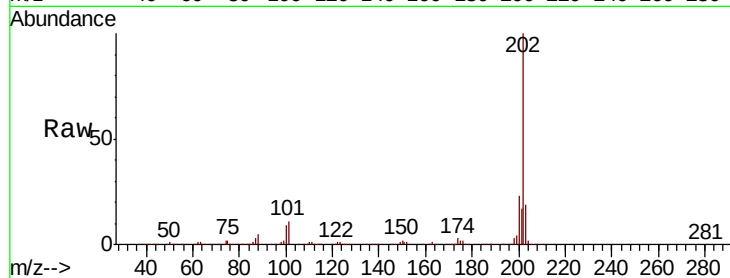
Tot Ion:202 Resp: 955218

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.0

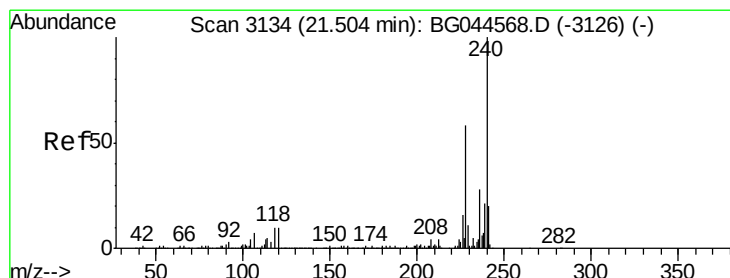
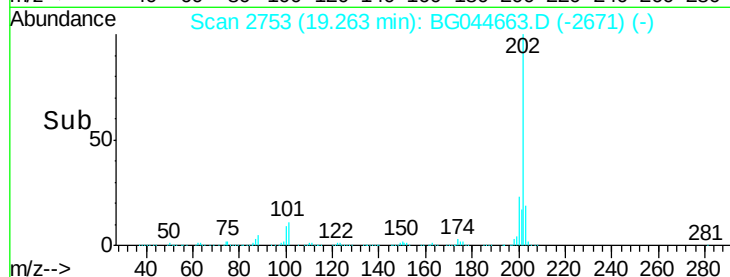
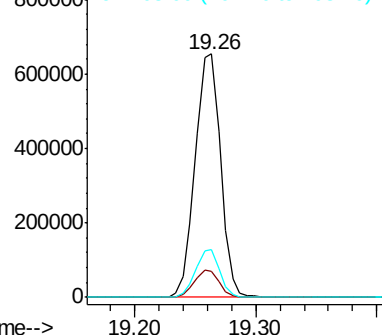
203 19.4 0.0 39.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

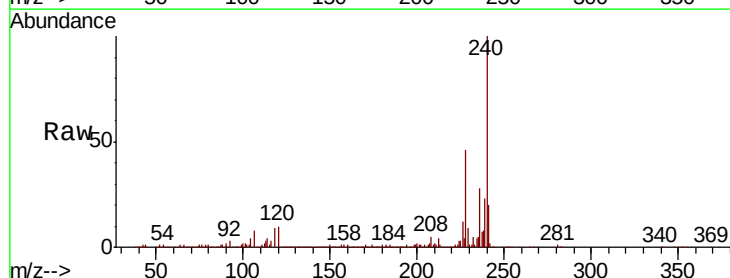
Tgt Ion:240 Resp: 365908

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

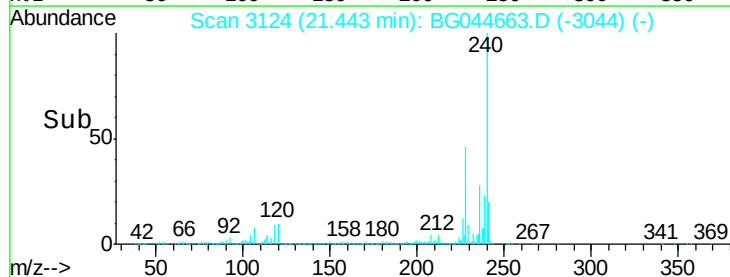
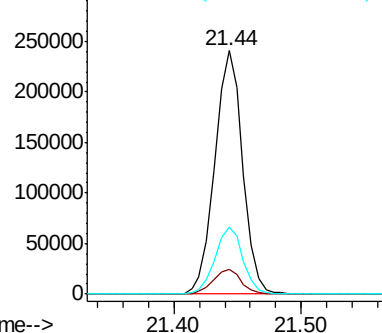
236 27.5 22.3 33.5

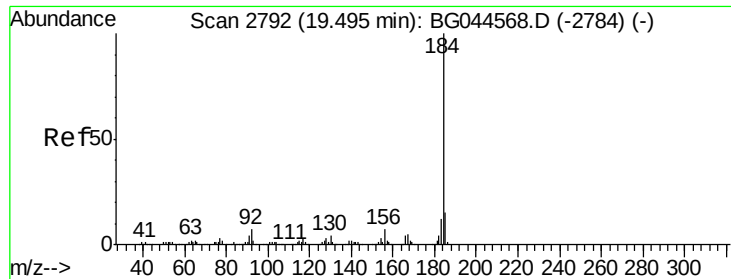


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.620 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

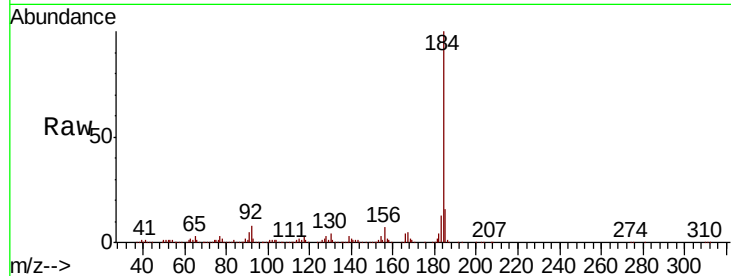
Tot Ion:184 Resp: 484074

Ion Ratio Lower Upper

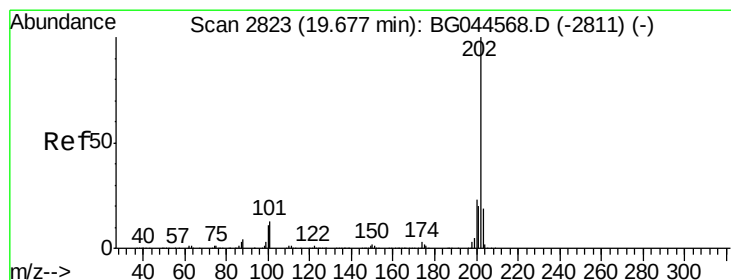
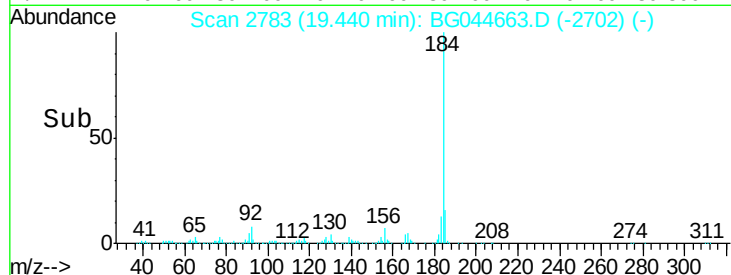
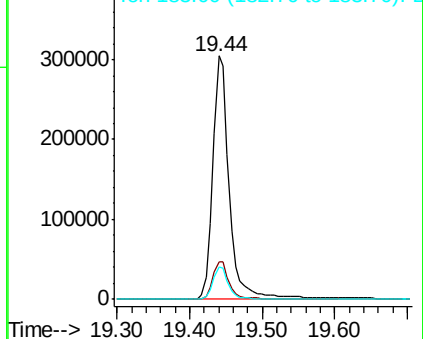
184 100

185 15.6 12.2 18.4

183 13.1 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: 36.381 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

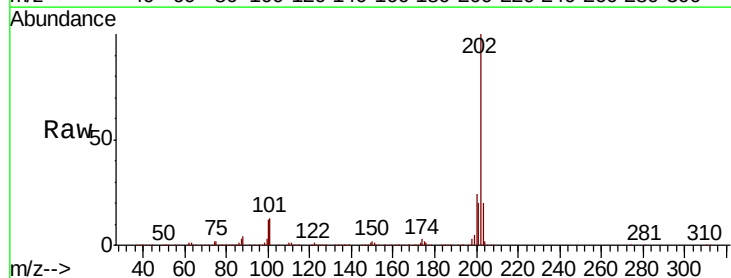
Tgt Ion:202 Resp: 966340

Ion Ratio Lower Upper

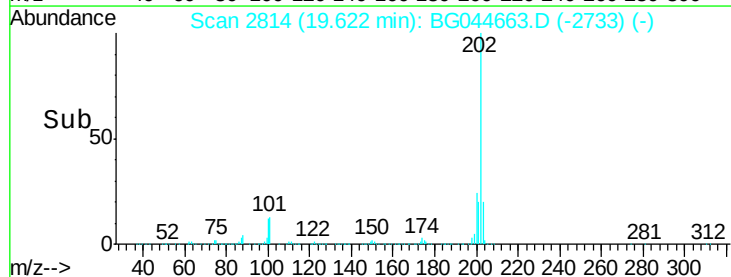
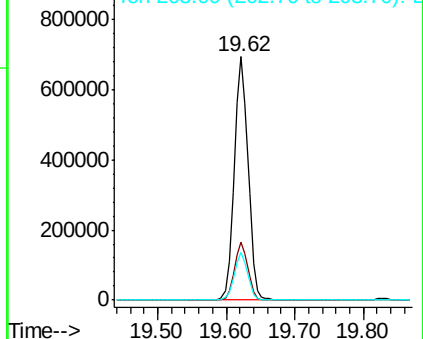
202 100

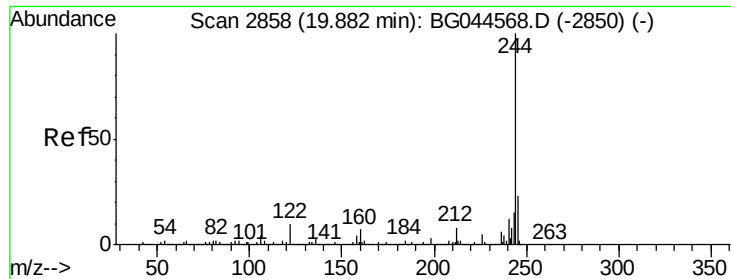
200 23.7 18.6 28.0

203 19.7 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: 73.415 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

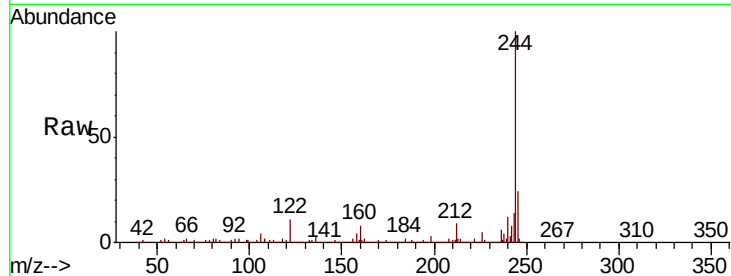
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1419018

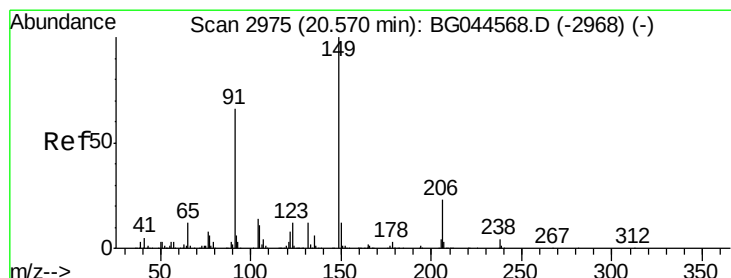
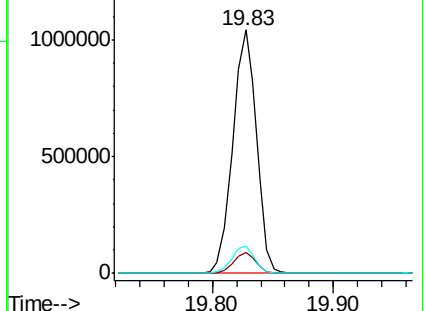
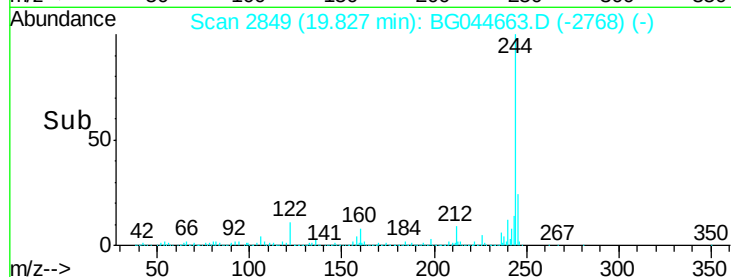
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.3	8.2	12.4



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: 38.415 ng

RT: 20.52 min Scan# 2967

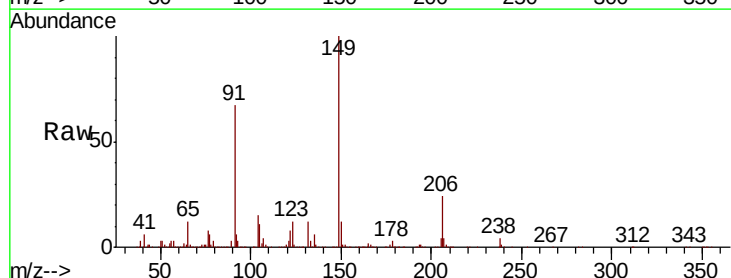
Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:149 Resp: 446323

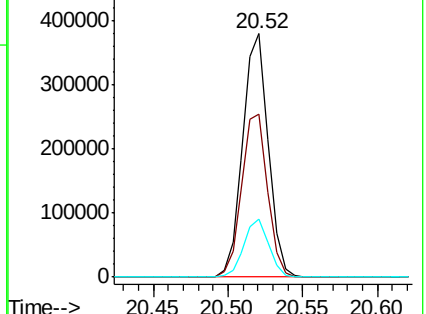
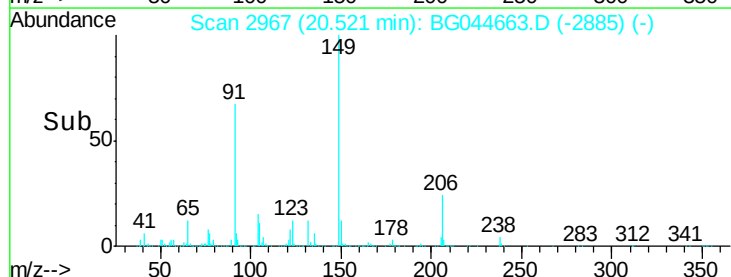
Ion	Ratio	Lower	Upper
149	100		
91	66.8	52.7	79.1
206	24.0	18.6	28.0

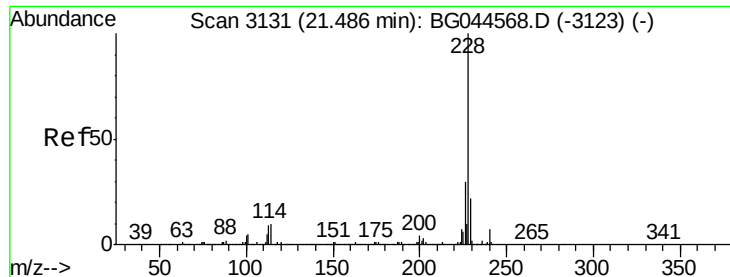


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

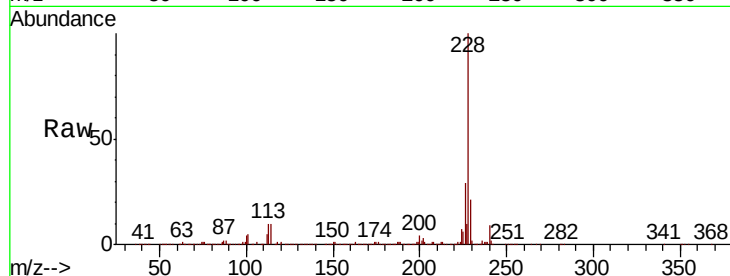




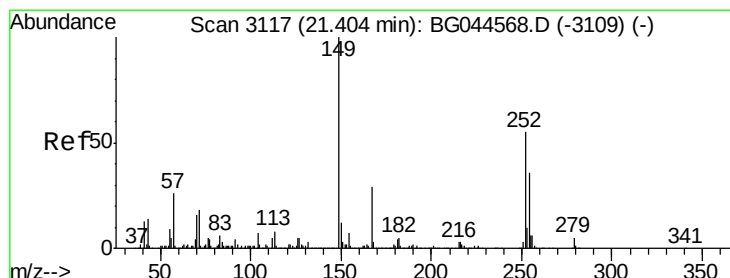
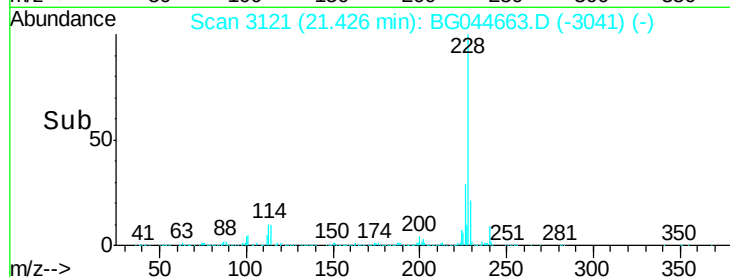
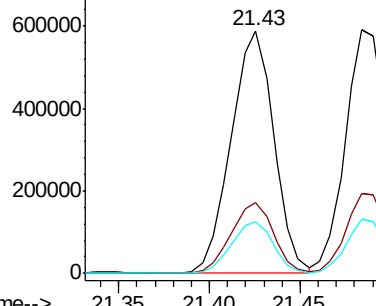
#81
Benzo(a)anthracene
Concen: 37.682 ng
RT: 21.43 min Scan# 3121
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 969083
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 21.1 17.2 25.8

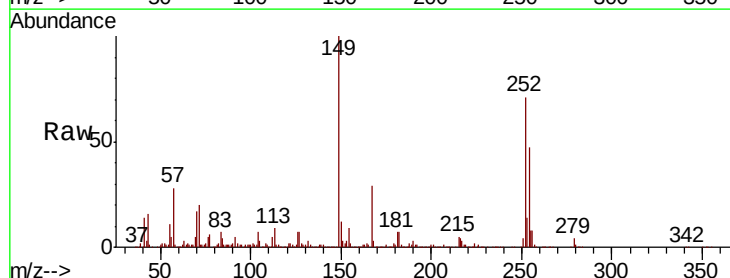


Abundance Ion 228.00 (227.70 to 228.70): E
800000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

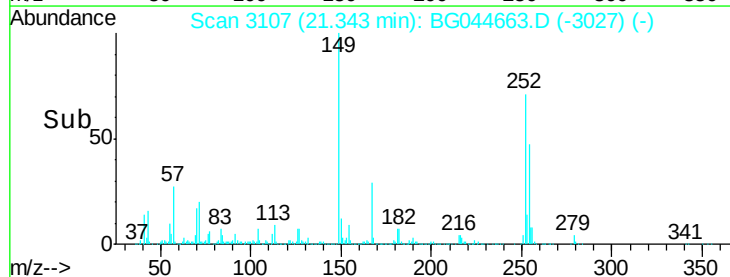
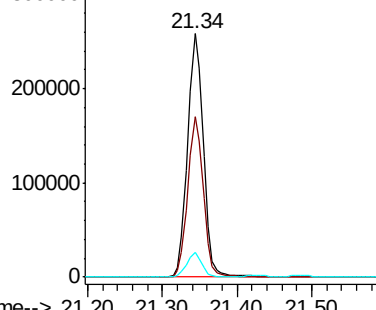


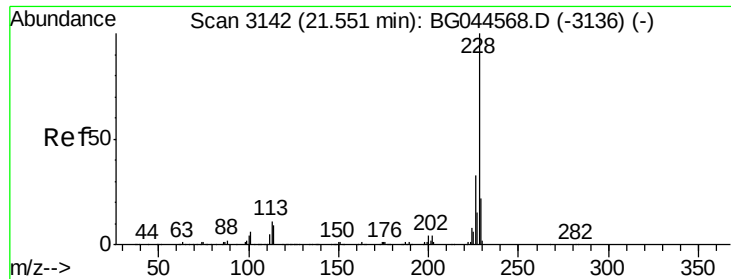
#82
3,3'-Dichlorobenzidine
Concen: 37.388 ng
RT: 21.34 min Scan# 3107
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:252 Resp: 379859
Ion Ratio Lower Upper
252 100
254 65.7 51.5 77.3
126 10.1 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
300000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

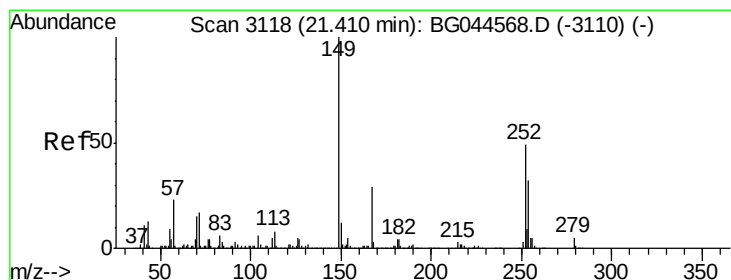
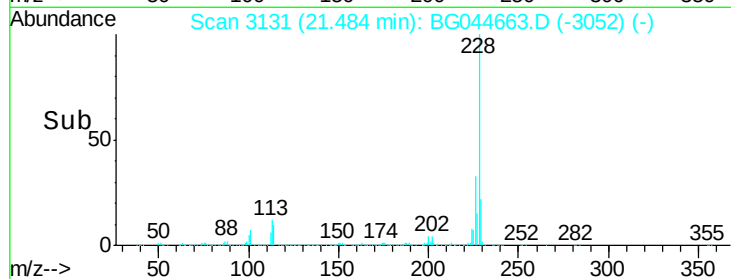
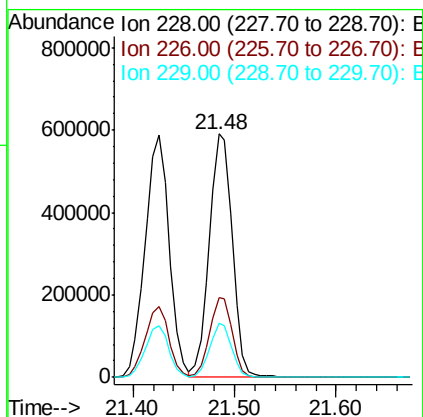
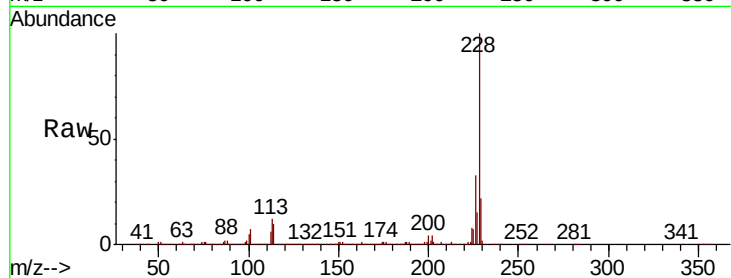




#83
Chrysene
Concen: 37.270 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

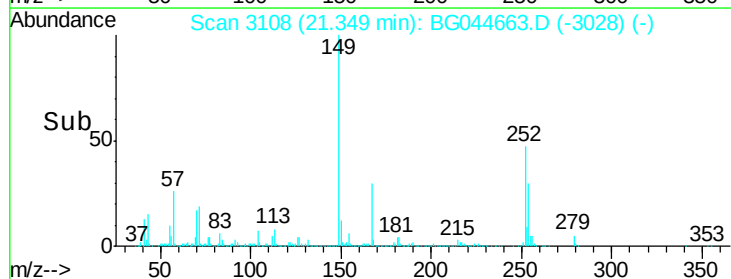
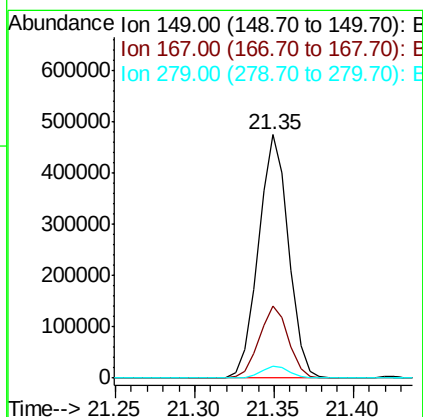
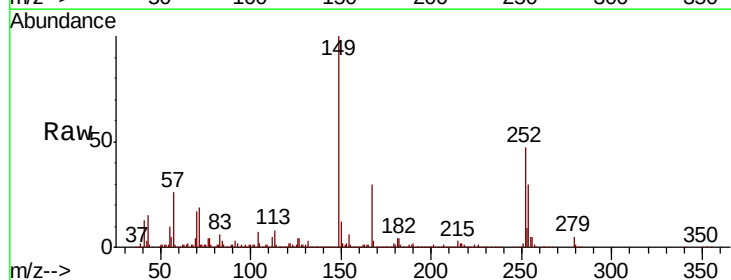
Instrument :
BNA_G
ClientSampled :

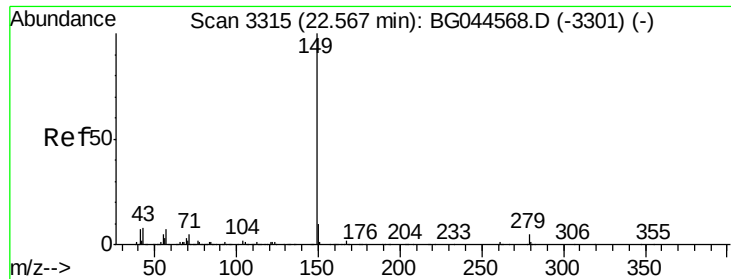
Tot Ion:228 Resp: 926713
Ion Ratio Lower Upper
228 100
226 33.0 26.1 39.1
229 22.2 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.971 ng
RT: 21.35 min Scan# 3108
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:149 Resp: 623893
Ion Ratio Lower Upper
149 100
167 29.6 23.4 35.0
279 4.7 4.2 6.4

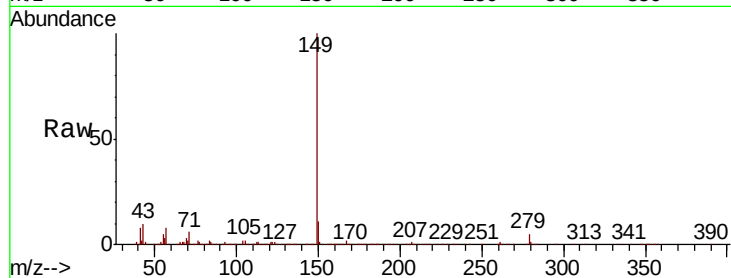




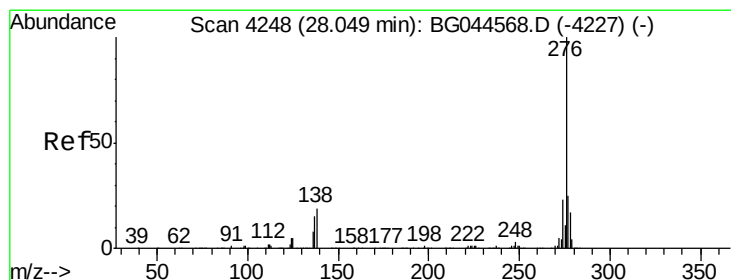
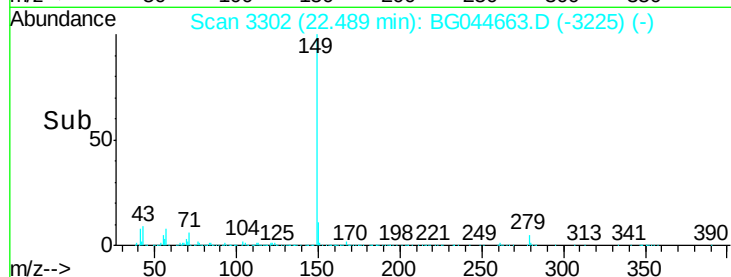
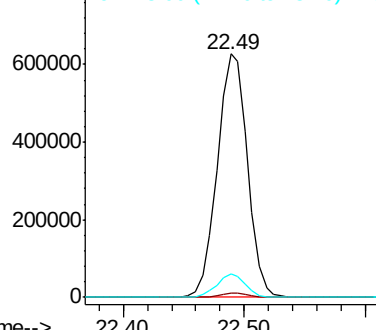
#85
Di-n-octyl phthalate
Concen: 38.483 ng
RT: 22.49 min Scan# 3302
Delta R.T. -0.08 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1083925
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.0 6.6 10.0

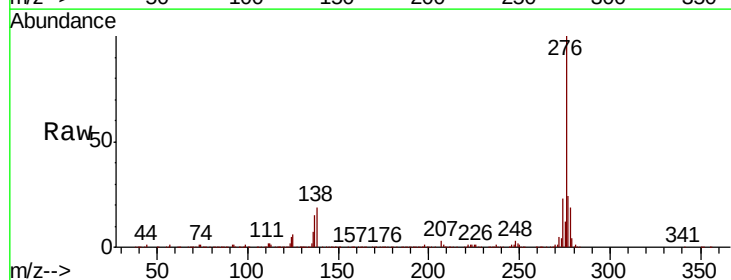


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

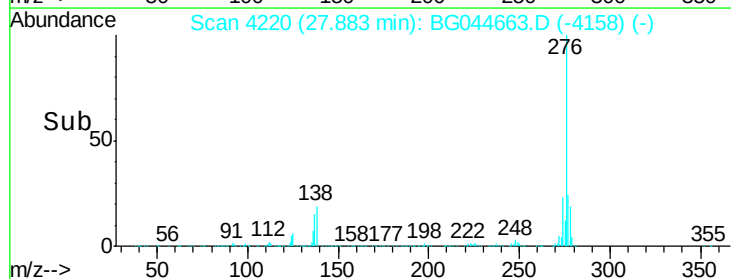
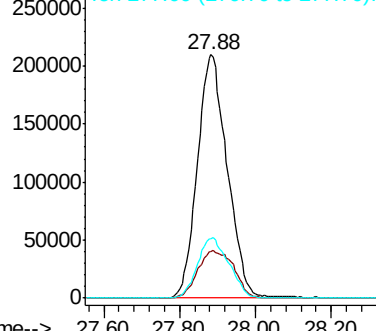


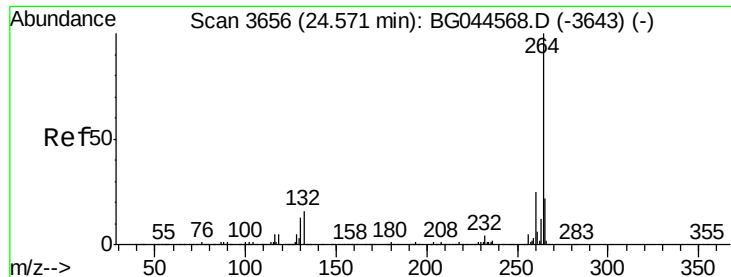
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.148 ng
RT: 27.88 min Scan# 4220
Delta R.T. -0.17 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:276 Resp: 1153492
Ion Ratio Lower Upper
276 100
138 23.5 18.2 27.4
277 26.1 20.7 31.1



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.46 min Scan# 3638

Delta R.T. -0.11 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

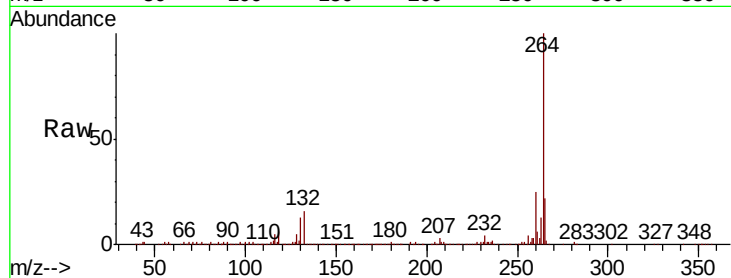
Tot Ion:264 Resp: 415694

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

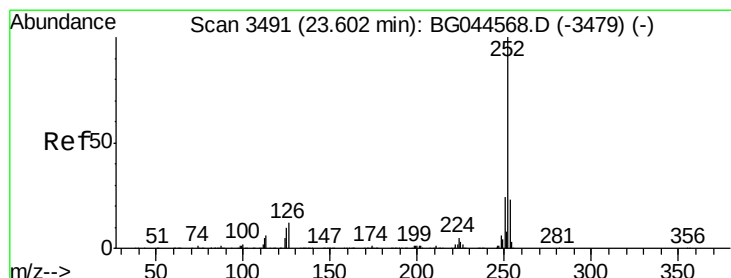
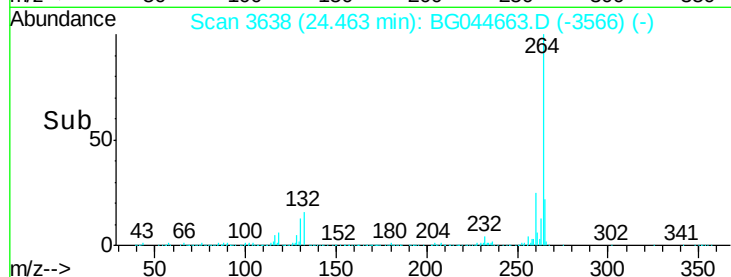
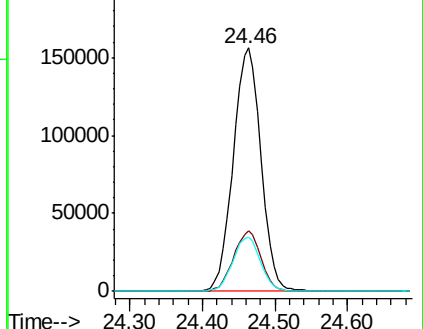
265 22.2 17.8 26.8



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: 36.937 ng

RT: 23.51 min Scan# 3476

Delta R.T. -0.09 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

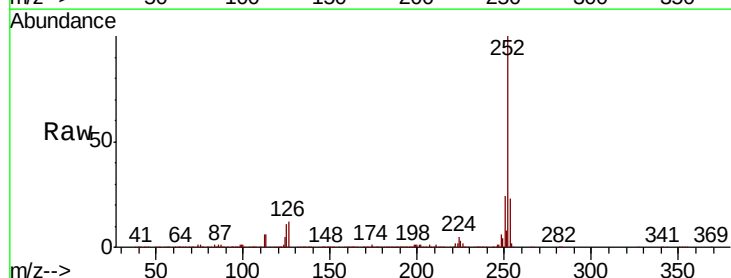
Tgt Ion:252 Resp: 1009537

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

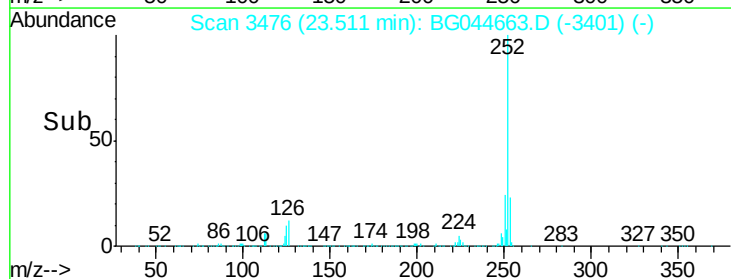
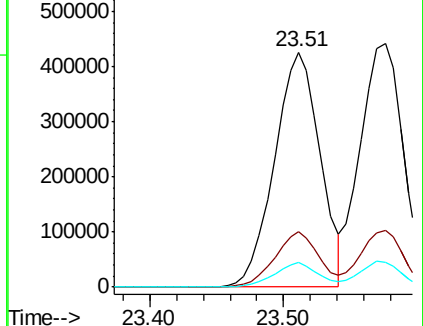
125 10.5 7.9 11.9

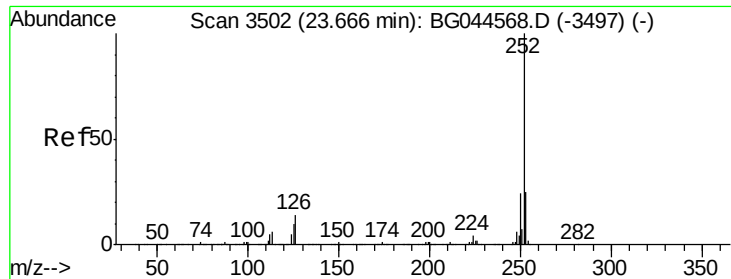


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

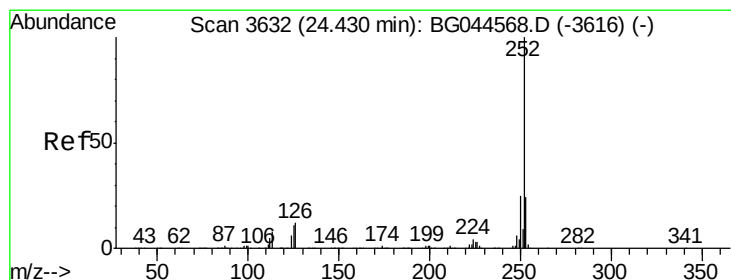
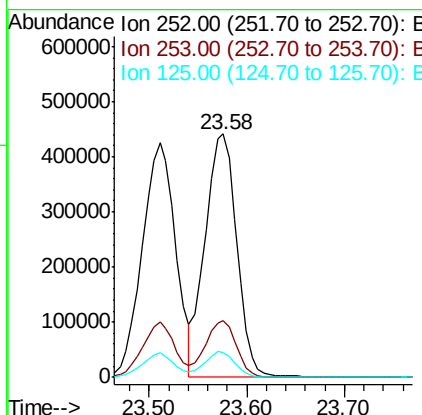
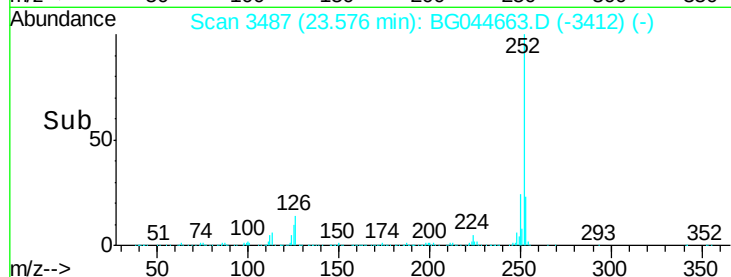
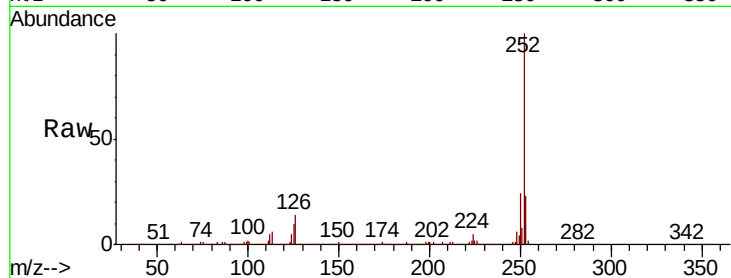




#89
Benzo(k)fluoranthene
Concen: 37.270 ng
RT: 23.58 min Scan# 3487
Delta R.T. -0.09 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

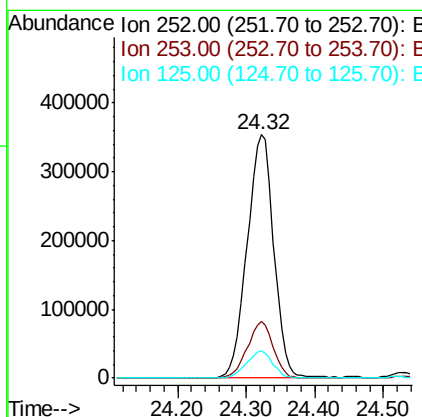
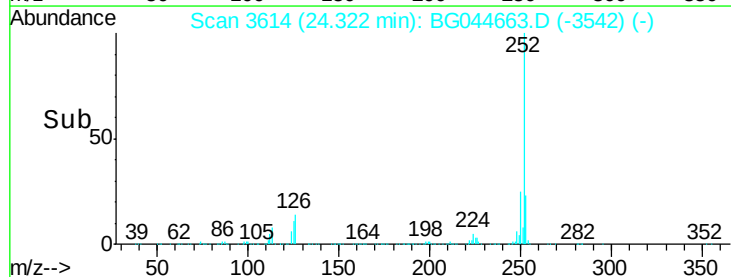
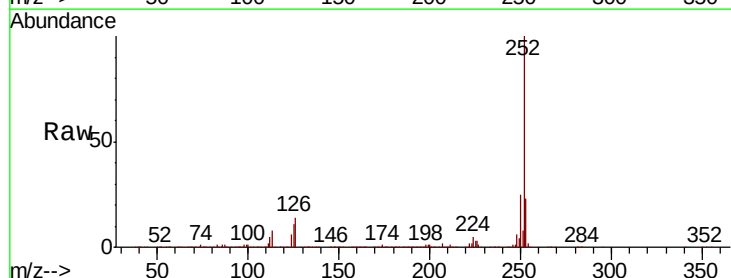
Instrument :
BNA_G
ClientSampled :

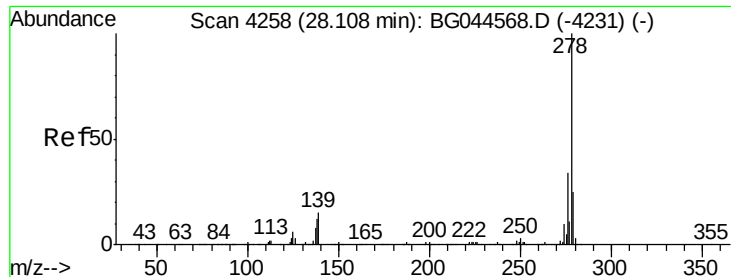
Tot Ion:252 Resp: 988363
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 10.0 7.8 11.8



#90
Benzo(a)pyrene
Concen: 37.235 ng
RT: 24.32 min Scan# 3614
Delta R.T. -0.11 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:252 Resp: 956171
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.4
125 11.0 8.5 12.7

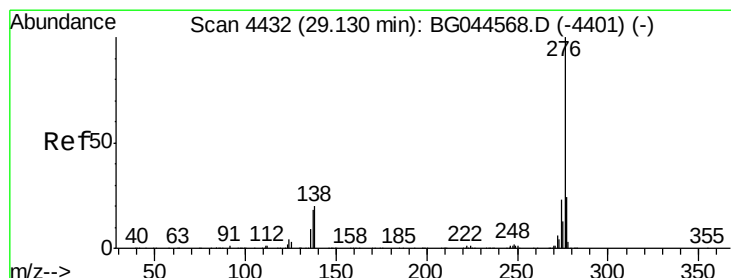
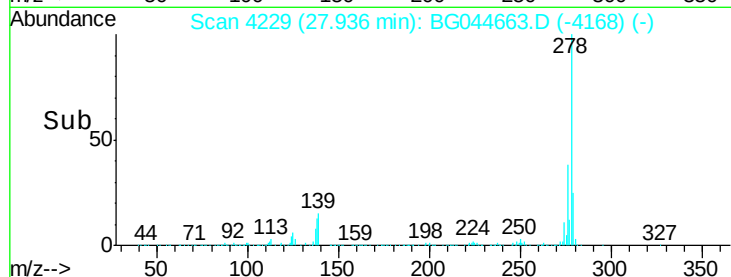
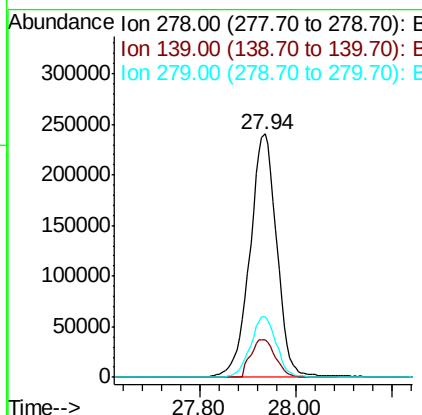
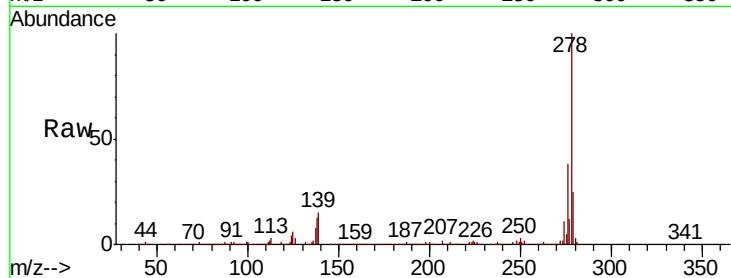




#91
Dibenzo(a,h)anthracene
Concen: 37.014 ng
RT: 27.94 min Scan# 4229
Delta R.T. -0.17 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.7	17.5
279	24.8	19.8	29.6



#92
Benzo(g,h,i)perylene
Concen: 36.434 ng
RT: 28.95 min Scan# 4401
Delta R.T. -0.18 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	20.0	16.1	24.1

