

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043680.D
 Acq On : 18 Nov 2019 19:34
 Operator : JU
 Sample : K5833-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 01:40:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28145	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	108009	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	78410	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	190142	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	204414	20.00	ng	-0.02
87) Perylene-d12	24.81	264	242904	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	141044	91.83	ng	0.00
7) Phenol-d6	7.19	99	201634	91.24	ng	0.00
23) Nitrobenzene-d5	9.16	82	121932	58.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	117429	78.70	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	333863	58.84	ng	-0.02
79) Terphenyl-d14	19.98	244	659829	60.56	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	21493	35.909	ng	98
3) Pyridine	3.85	79	52342	34.667	ng	96
4) n-Nitrosodimethylamine	3.77	42	33687	44.216	ng	96
6) Aniline	7.32	93	25885	10.168	ng	97
8) 2-Chlorophenol	7.57	128	73444	43.317	ng	96
9) Benzaldehyde	7.14	77	33055	30.437	ng	# 88
10) Phenol	7.22	94	93227	46.167	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	56280	36.048	ng	99
12) 1,3-Dichlorobenzene	7.88	146	78440	36.925	ng	99
13) 1,4-Dichlorobenzene	8.03	146	81122	37.744	ng	99
14) 1,2-Dichlorobenzene	8.35	146	76803	36.598	ng	98
15) Benzyl Alcohol	8.25	79	63315	40.796	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	83075	36.595	ng	99
17) 2-Methylphenol	8.46	107	61943	42.078	ng	97
18) Hexachloroethane	9.07	117	28037	36.157	ng	99
19) n-Nitroso-di-n-propylamine	8.79	70	53097	37.184	ng	92
20) 3+4-Methylphenols	8.79	107	82507	40.873	ng	94
22) Acetophenone	8.82	105	101797	36.803	ng	# 90
24) Nitrobenzene	9.20	77	83767	41.972	ng	99
25) Isophorone	9.71	82	150570	39.310	ng	98
26) 2-Nitrophenol	9.91	139	40780	42.324	ng	92
27) 2,4-Dimethylphenol	9.99	122	50998	36.929	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	82933	39.230	ng	96
29) 2,4-Dichlorophenol	10.47	162	76453	43.208	ng	94
30) 1,2,4-Trichlorobenzene	10.66	180	87326	39.158	ng	98
31) Naphthalene	10.85	128	223833	40.827	ng	99
32) Benzoic acid	10.16	122	33473	34.809	ng	94
33) 4-Chloroaniline	10.99	127	13478	5.997	ng	# 93
34) Hexachlorobutadiene	11.13	225	59360	36.007	ng	94
35) Caprolactam	11.72	113	14722	24.158	ng	# 80
36) 4-Chloro-3-methylphenol	12.11	107	83827	43.432	ng	99
37) 2-Methylnaphthalene	12.45	142	169087	40.196	ng	99
38) 1-Methylnaphthalene	12.67	142	166087	41.496	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	109771	37.828	ng	98

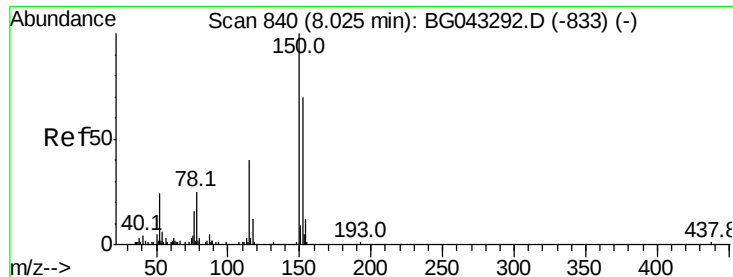
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
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 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	100189	65.726	ng	99
43) 2,4,6-Trichlorophenol	13.07	196	71473	41.823	ng	97
44) 2,4,5-Trichlorophenol	13.16	196	76570	44.319	ng	95
46) 1,1'-Biphenyl	13.46	154	233225	39.099	ng	98
47) 2-Chloronaphthalene	13.50	162	179774	39.610	ng	97
48) 2-Nitroaniline	13.71	65	54826	40.418	ng	99
49) Acenaphthylene	14.34	152	296883	42.030	ng	99
50) Dimethylphthalate	14.08	163	283867	46.739	ng	99
51) 2,6-Dinitrotoluene	14.20	165	54208	41.084	ng	94
52) Acenaphthene	14.69	154	172857	40.128	ng	99
53) 3-Nitroaniline	14.54	138	13594	10.671	ng	86
54) 2,4-Dinitrophenol	14.75	184	59284	72.686	ng	96
55) Dibenzofuran	15.03	168	287365	41.137	ng	97
56) 4-Nitrophenol	14.89	139	72741	85.210	ng	90
57) 2,4-Dinitrotoluene	14.99	165	75791	40.194	ng	# 93
58) Fluorene	15.67	166	236610	40.385	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	75199	40.967	ng	# 95
60) Diethylphthalate	15.44	149	239986	39.326	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	136308	39.880	ng	99
62) 4-Nitroaniline	15.71	138	46289	35.185	ng	96
63) Azobenzene	15.95	77	200448	40.586	ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	46089	41.188	ng	97
66) n-Nitrosodiphenylamine	15.88	169	212364	39.560	ng	98
67) 4-Bromophenyl-phenylether	16.55	248	96313	37.639	ng	96
68) Hexachlorobenzene	16.68	284	108894	37.073	ng	99
69) Atrazine	16.83	200	92403	49.537	ng	98
70) Pentachlorophenol	17.04	266	93534	69.885	ng	97
71) Phenanthrene	17.41	178	379972	39.025	ng	98
72) Anthracene	17.51	178	397591	40.813	ng	97
73) Carbazole	17.78	167	348190	39.469	ng	97
74) Di-n-butylphthalate	18.33	149	416012	38.865	ng	98
75) Fluoranthene	19.43	202	506719	39.919	ng	99
77) Benzidine	19.61	184	55725	13.546	ng	97
78) Pyrene	19.79	202	516389	40.812	ng	99
80) Butylbenzylphthalate	20.67	149	193825	40.433	ng	99
81) Benzo(a)anthracene	21.62	228	526788	41.141	ng	97
82) 3,3'-Dichlorobenzidine	21.54	252	80388	16.232	ng	97
83) Chrysene	21.68	228	513647	40.374	ng	97
84) Bis(2-ethylhexyl)phthalate	21.52	149	288444	42.359	ng	99
85) Di-n-octyl phthalate	22.71	149	490052	42.418	ng	100
86) Indeno(1,2,3-cd)pyrene	28.44	276	667493	41.798	ng	100
88) Benzo(b)fluoranthene	23.81	252	556919	40.482	ng	99
89) Benzo(k)fluoranthene	23.87	252	574055	41.449	ng	99
90) Benzo(a)pyrene	24.67	252	526178	40.052	ng	100
91) Dibenzo(a,h)anthracene	28.50	278	568259	42.289	ng	99
92) Benzo(g,h,i)perylene	29.58	276	567727	42.832	ng	99

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

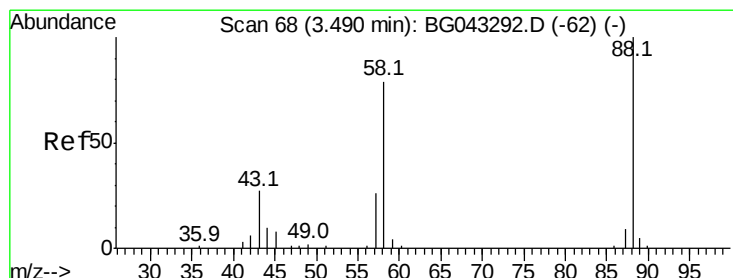
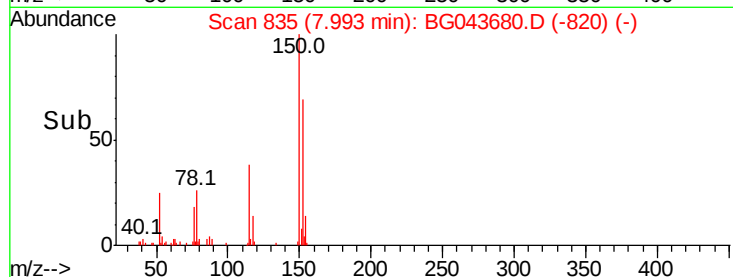
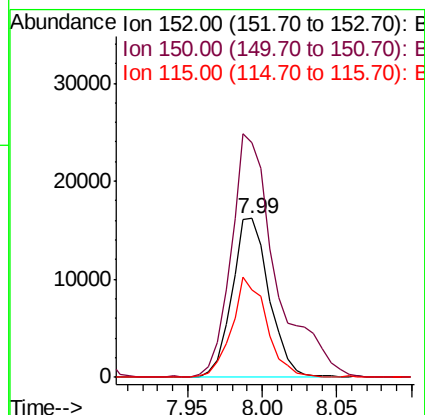
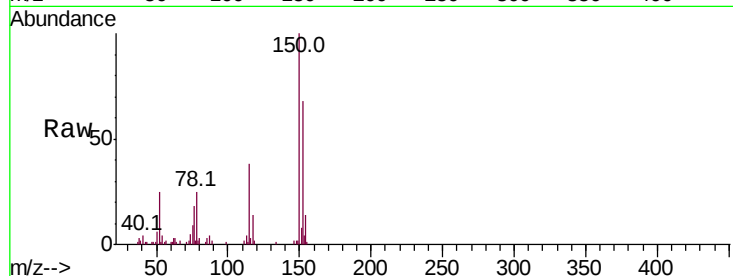


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :

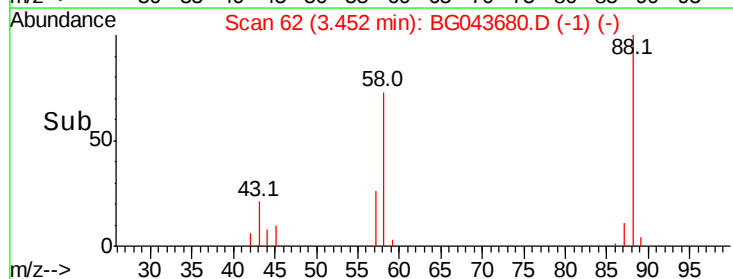
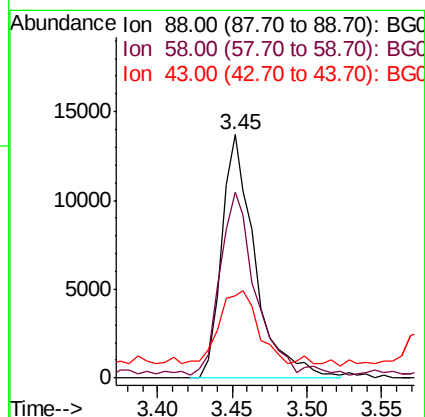
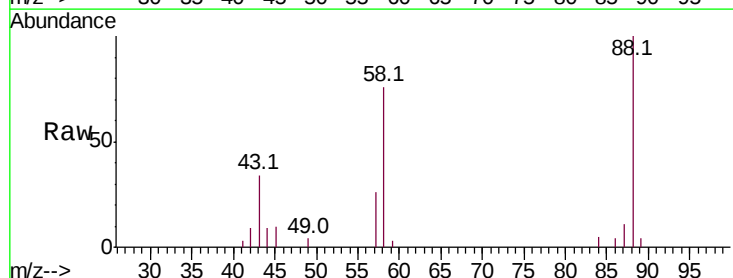
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Ion Ratio Lower Upper
152 100
150 147.6 129.4 194.0
115 55.4 48.8 73.2

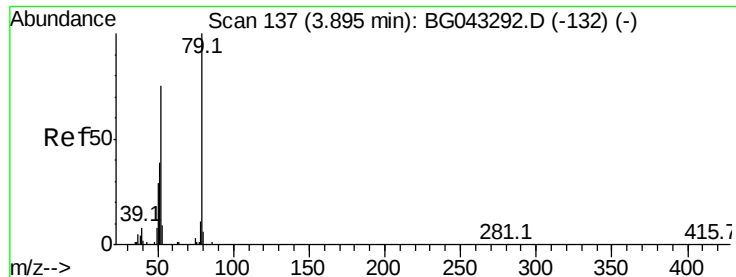


#2

1,4-Dioxane
Concen: 35.909 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion: 88 Resp: 21493
Ion Ratio Lower Upper
88 100
58 78.4 62.7 94.1
43 33.5 23.7 35.5





#3

Pvridine

Concen: 34.667 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.03 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

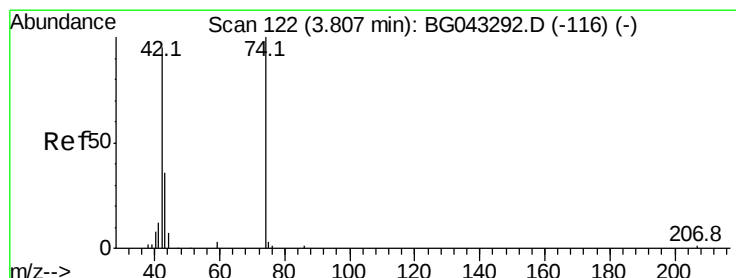
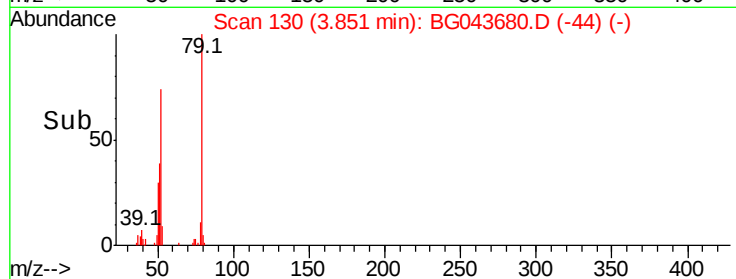
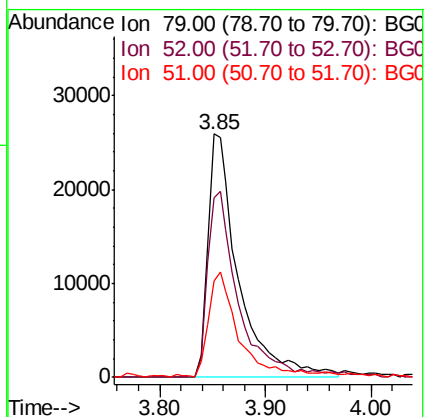
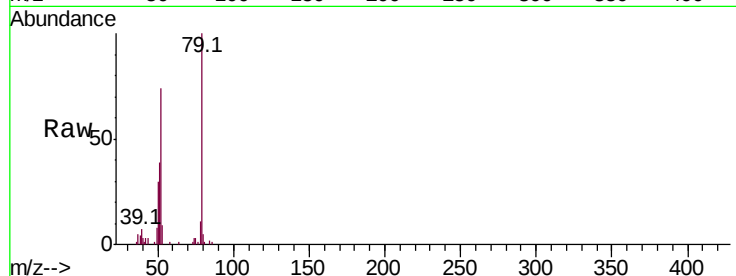
Tot Ion: 79 Resp: 52342

Ion Ratio Lower Upper

79 100

52 73.7 56.5 84.7

51 39.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 44.216 ng

RT: 3.77 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

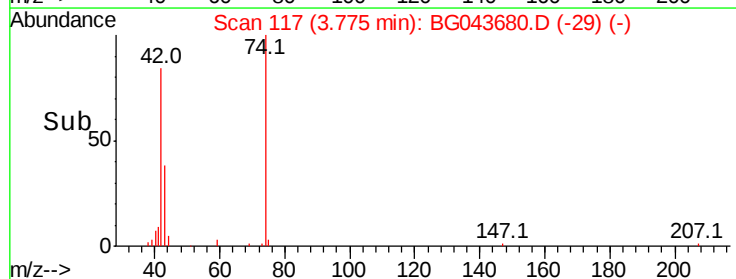
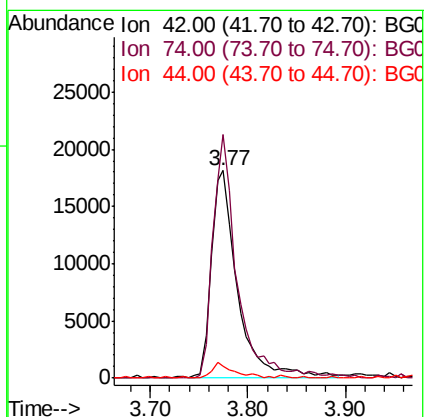
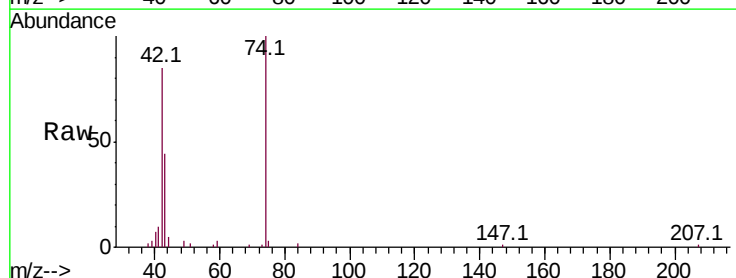
Tgt Ion: 42 Resp: 33687

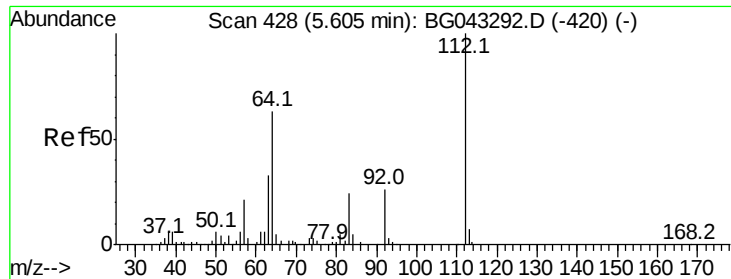
Ion Ratio Lower Upper

42 100

74 117.4 97.3 145.9

44 5.5 4.4 6.6

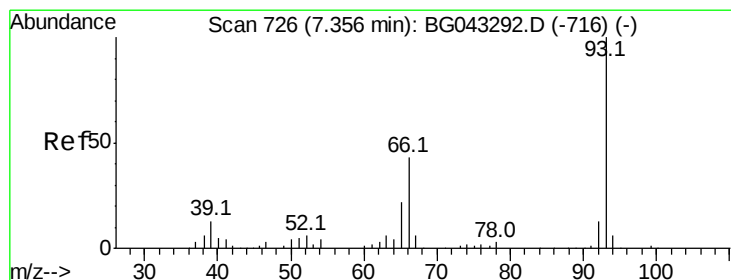
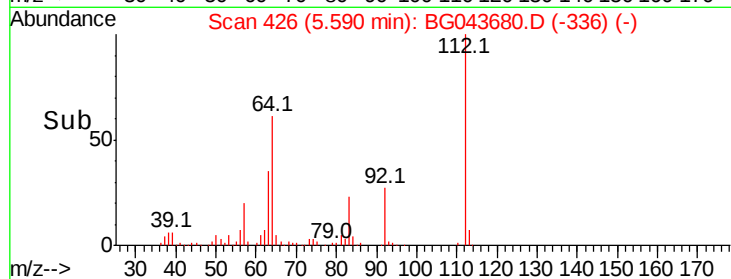
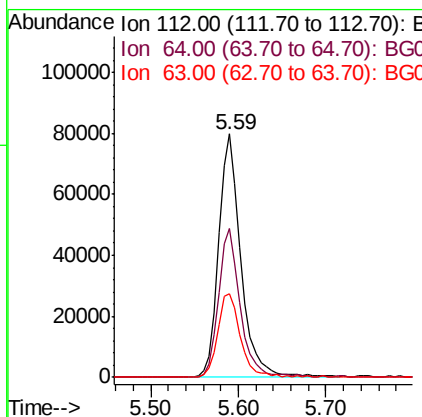
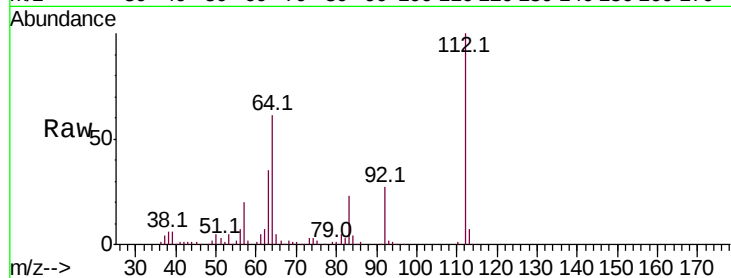




#5
 2-Fluorophenol
 Concen: 91.830 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

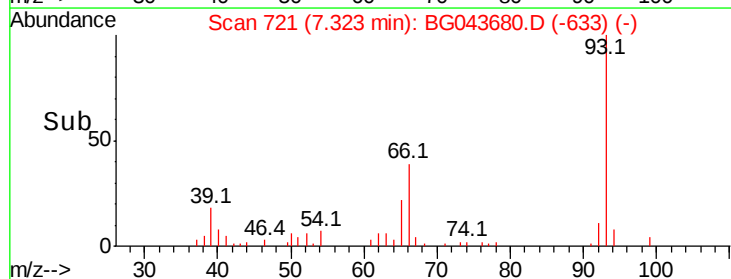
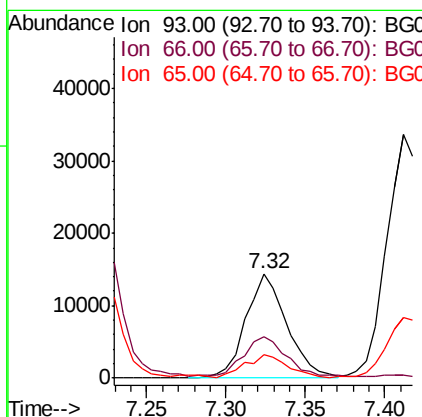
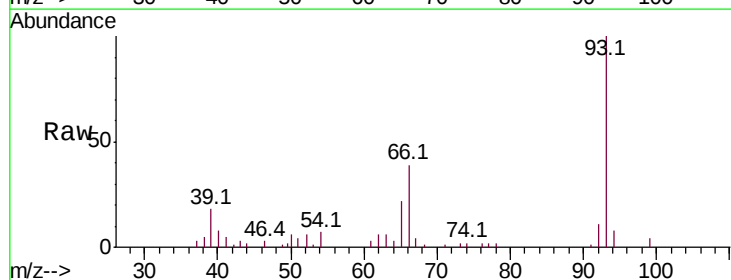
Instrument :
 BNA_G
 ClientSampled :

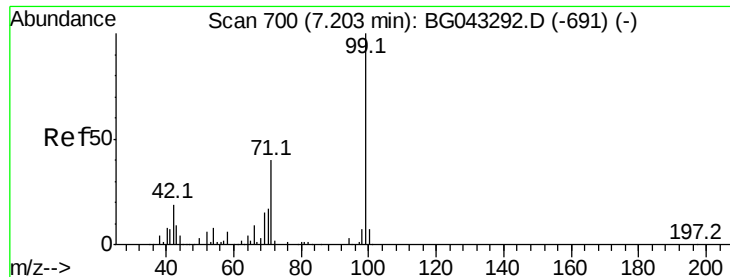
Tot Ion:112 Resp: 141044
 Ion Ratio Lower Upper
 112 100
 64 61.4 50.0 75.0
 63 34.6 26.6 40.0



#6
 Aniline
 Concen: 10.168 ng
 RT: 7.32 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion: 93 Resp: 25885
 Ion Ratio Lower Upper
 93 100
 66 39.3 32.3 48.5
 65 22.2 16.1 24.1





#7

Phenol-d6

Concen: 91.244 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampled :

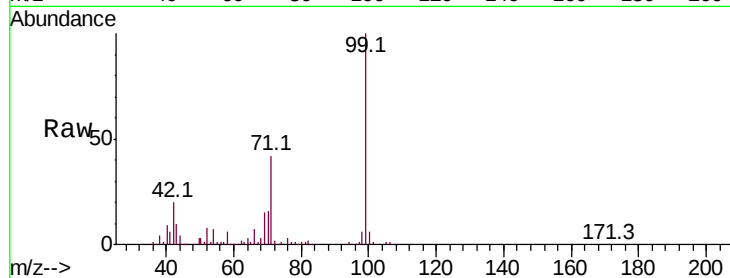
Tot Ion: 99 Resp: 201634

Ion Ratio Lower Upper

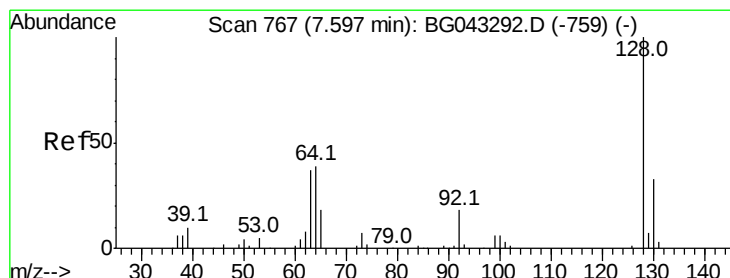
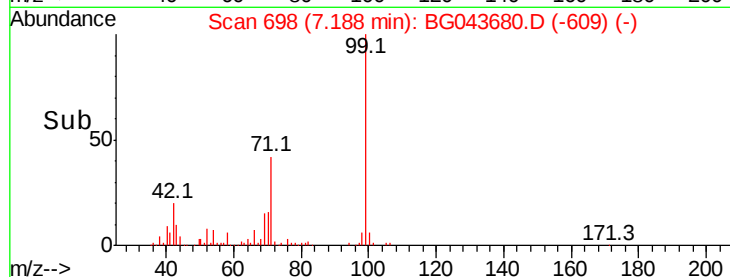
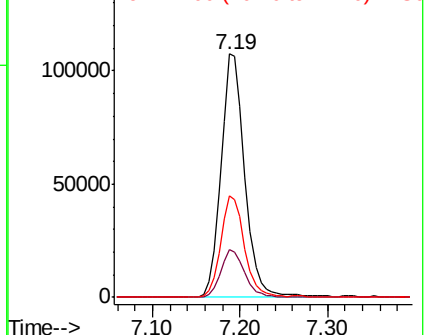
99 100

42 19.9 14.6 21.8

71 41.9 32.5 48.7



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: 43.317 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

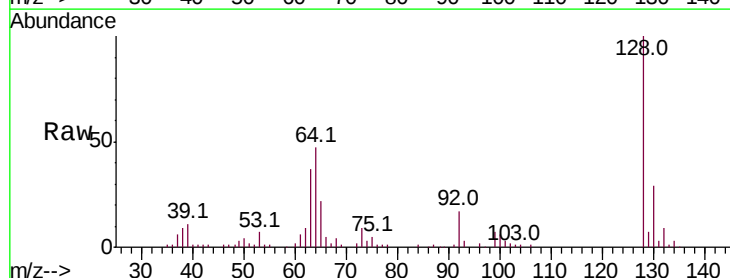
Tgt Ion: 128 Resp: 73444

Ion Ratio Lower Upper

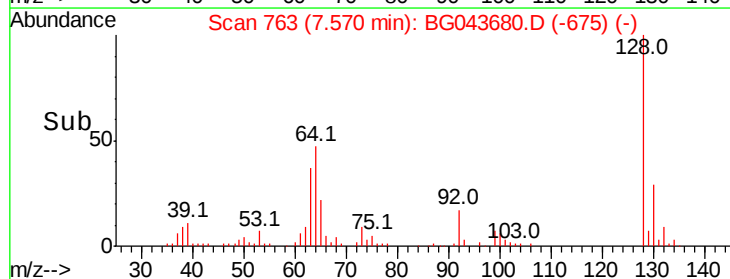
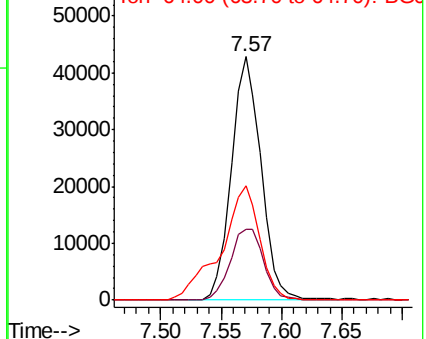
128 100

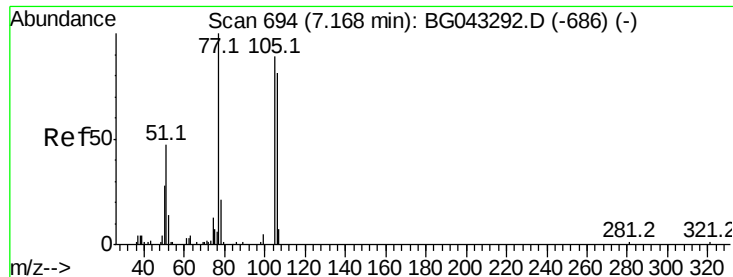
130 28.9 12.5 52.5

64 46.9 25.3 65.3



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





#9

Benzaldehyde

Concen: 30.437 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampled :

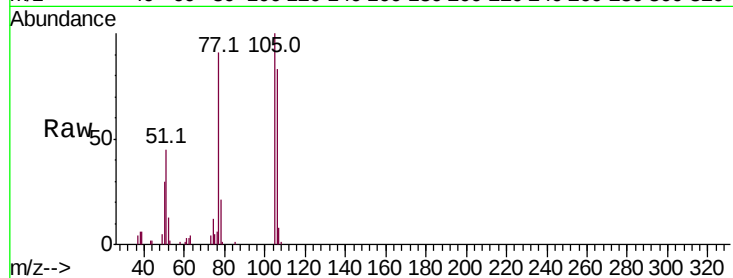
Tot Ion: 77 Resp: 33055

Ion Ratio Lower Upper

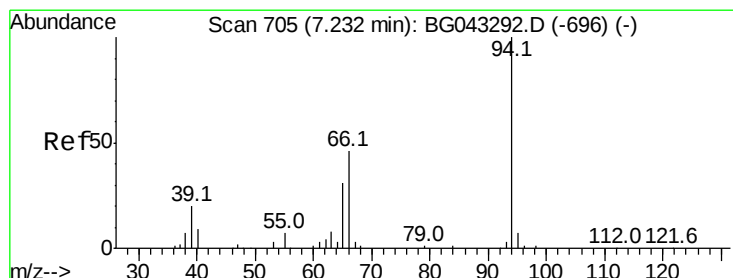
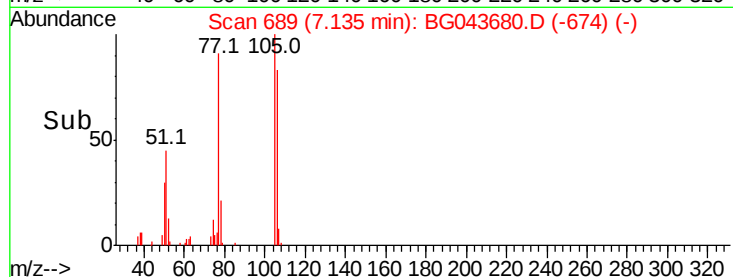
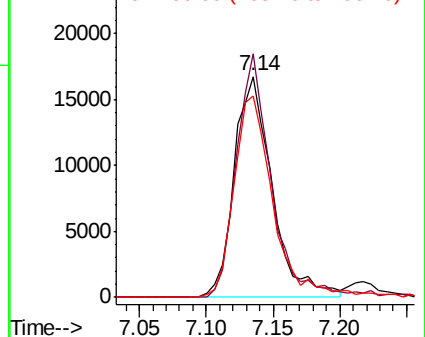
77 100

105 110.4 68.6 108.6#

106 91.4 69.9 109.9



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: 46.167 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

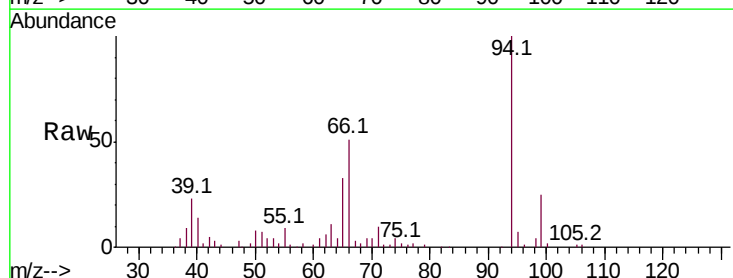
Tgt Ion: 94 Resp: 93227

Ion Ratio Lower Upper

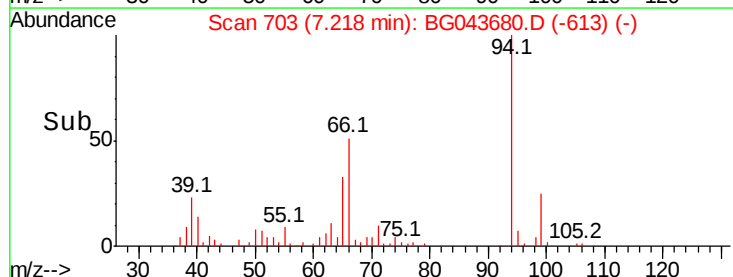
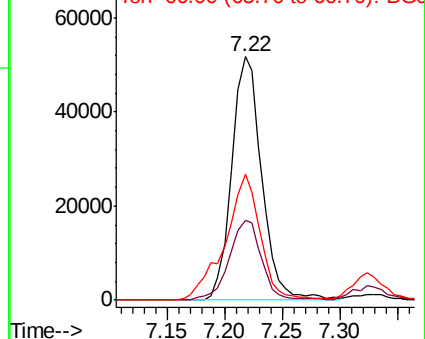
94 100

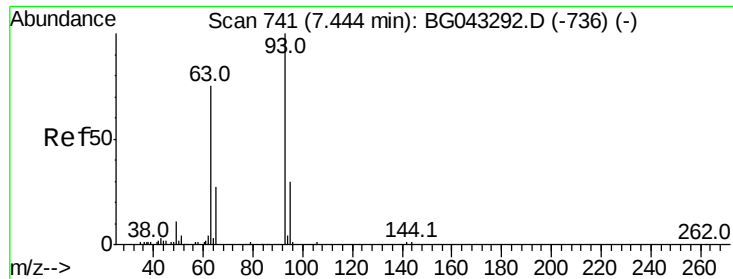
65 32.9 12.6 52.6

66 51.5 30.7 70.7



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: 36.048 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

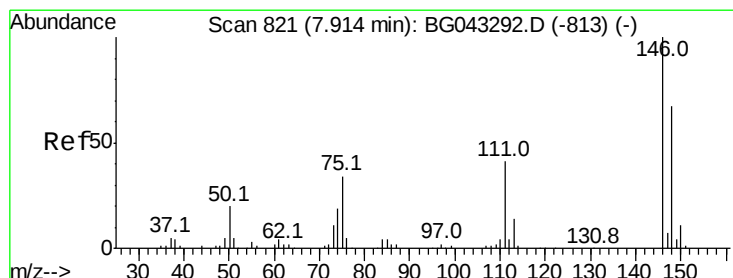
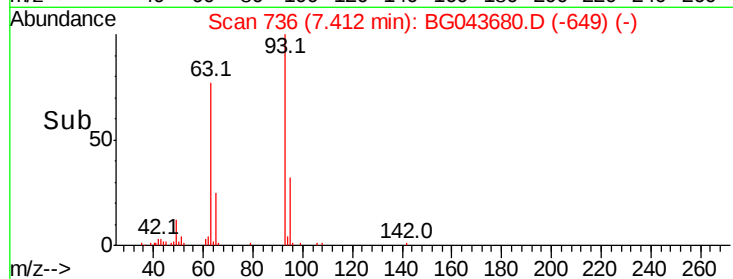
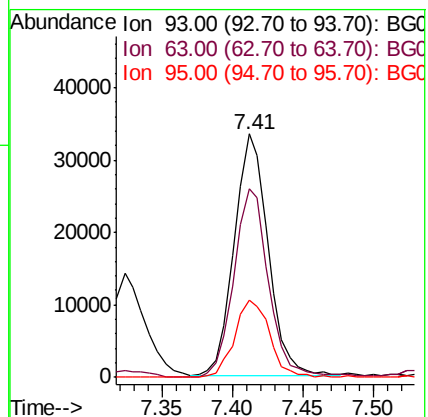
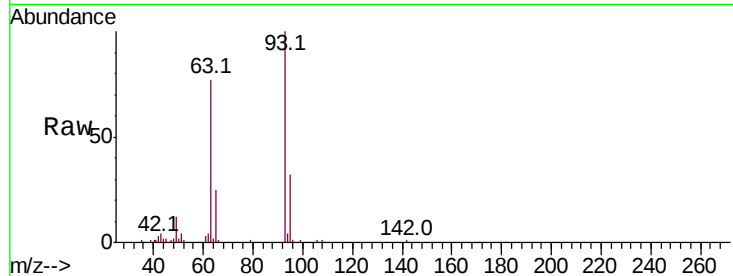
Tot Ion: 93 Resp: 56280

Ion Ratio Lower Upper

93 100

63 77.3 56.3 96.3

95 31.8 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 36.925 ng

RT: 7.88 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

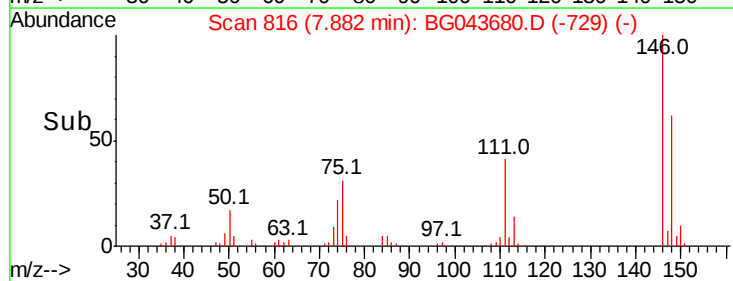
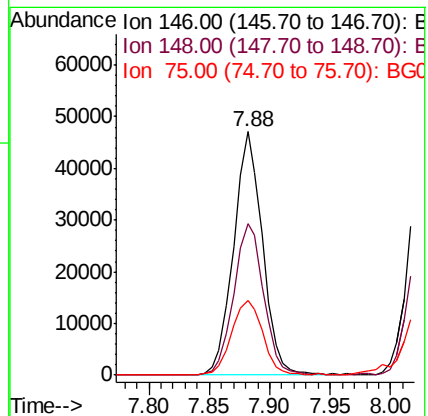
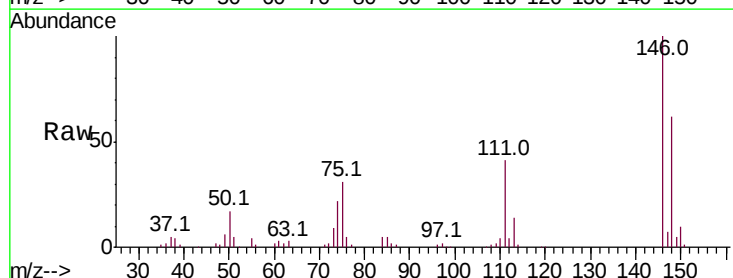
Tgt Ion: 146 Resp: 78440

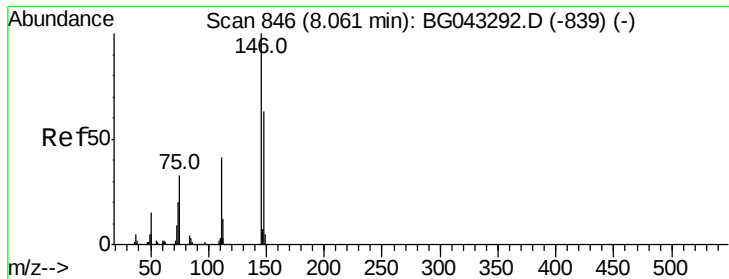
Ion Ratio Lower Upper

146 100

148 62.1 50.3 75.5

75 30.7 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 37.744 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

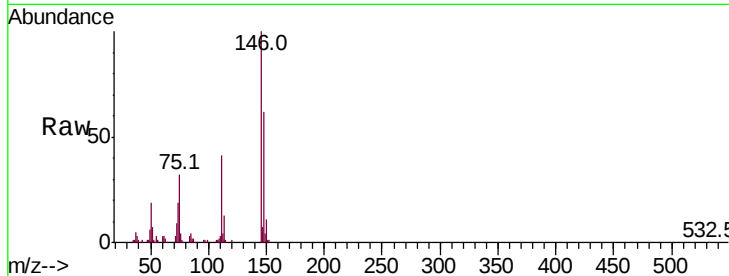
Tot Ion:146 Resp: 81122

Ion Ratio Lower Upper

146 100

148 62.4 50.7 76.1

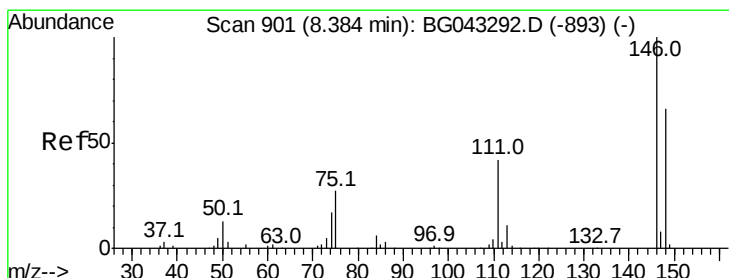
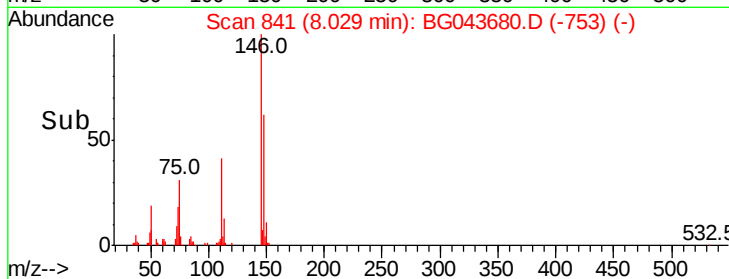
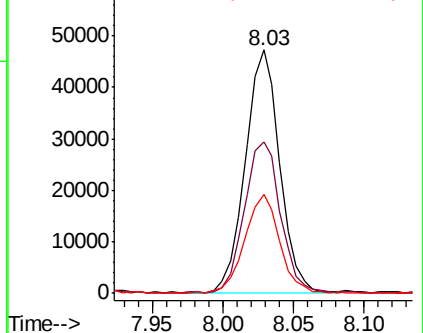
111 40.7 33.4 50.2



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: 36.598 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

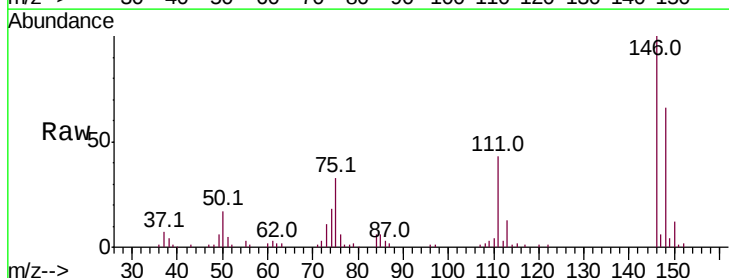
Tgt Ion:146 Resp: 76803

Ion Ratio Lower Upper

146 100

148 65.9 53.2 79.8

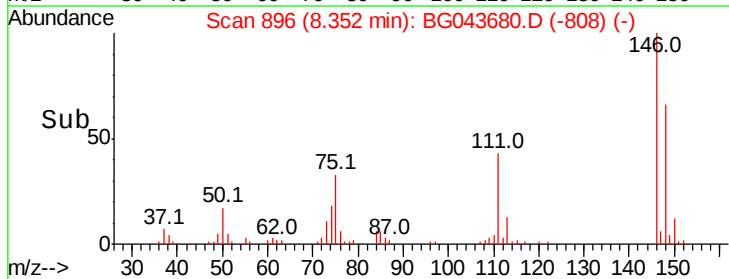
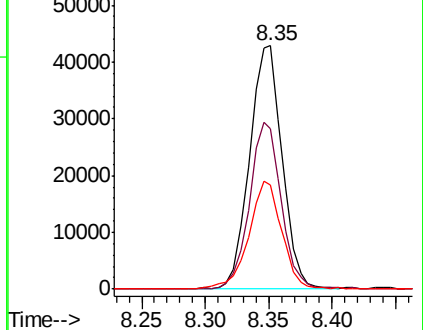
111 42.7 35.8 53.6

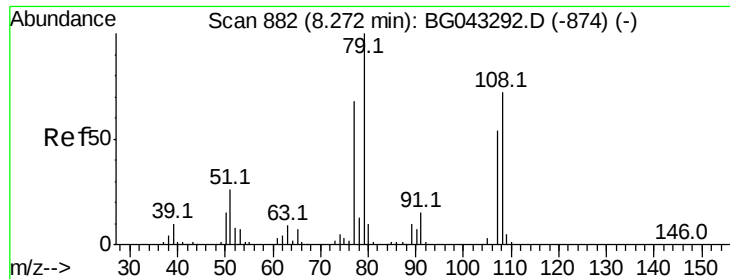


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

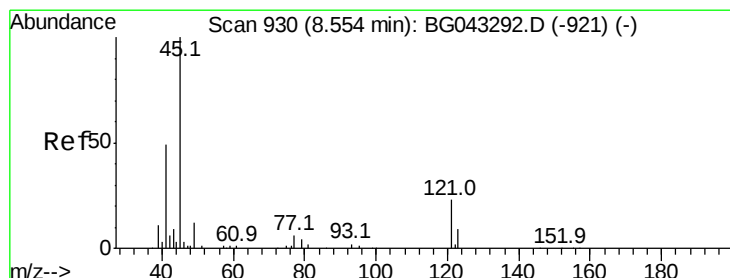
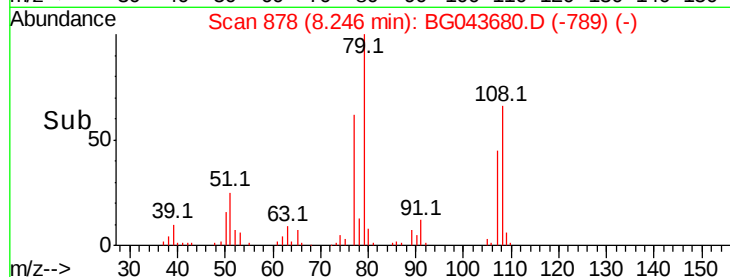
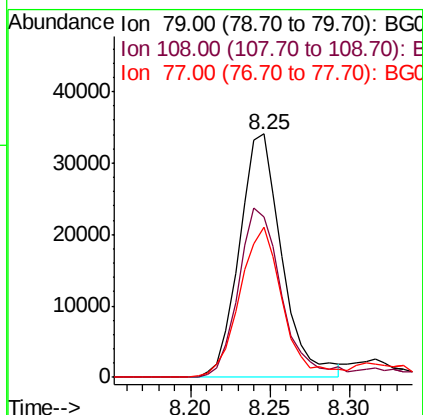
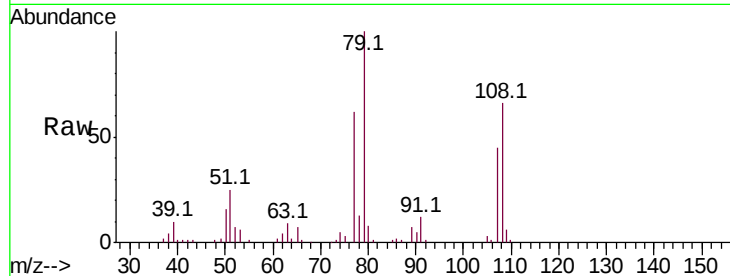




#15
Benzyl Alcohol
Concen: 40.796 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

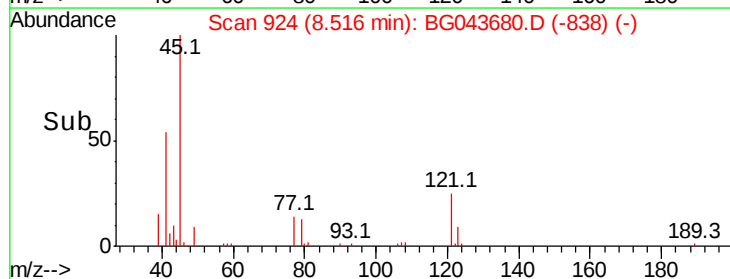
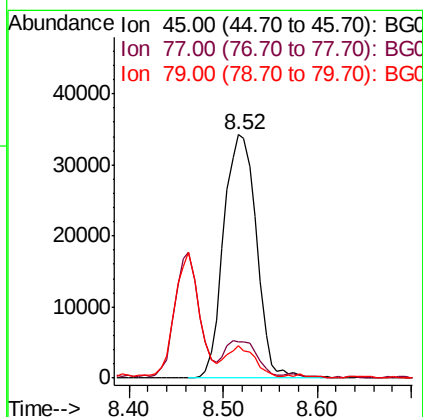
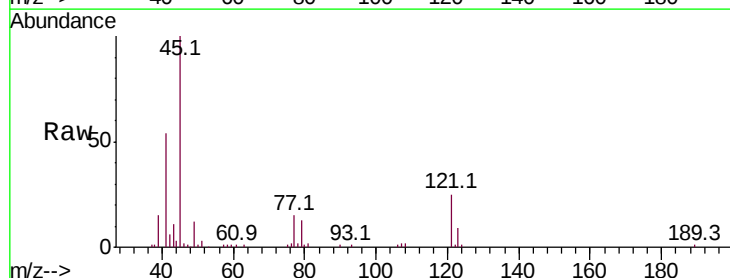
Instrument :
BNA_G
ClientSampled :

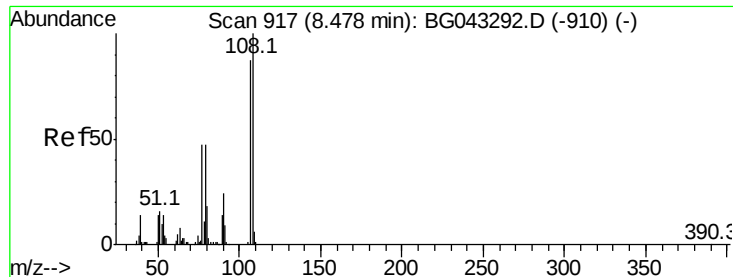
Tot Ion: 79 Resp: 63315
Ion Ratio Lower Upper
79 100
108 65.7 53.6 80.4
77 61.5 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.595 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion: 45 Resp: 83075
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.9
79 13.4 0.0 33.0





#17

2-Methylphenol

Concen: 42.078 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 61943

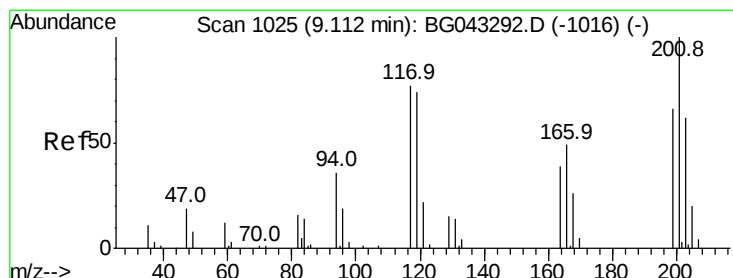
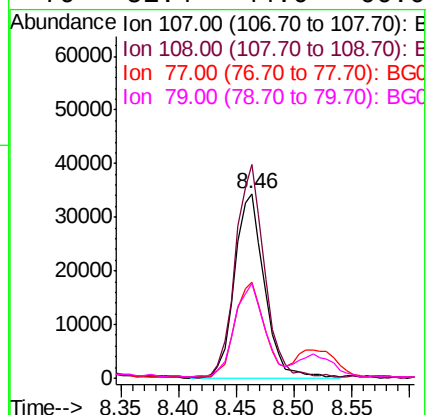
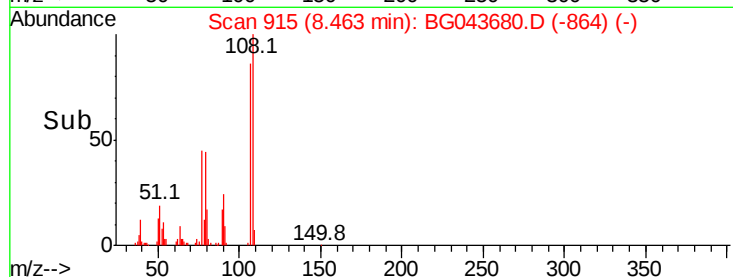
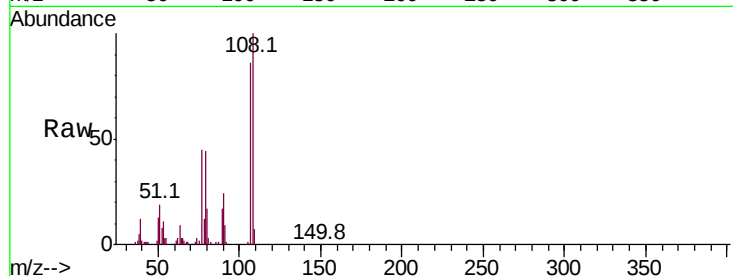
Ion Ratio Lower Upper

107 100

108 115.9 90.2 135.4

77 51.8 40.2 60.2

79 51.4 44.0 66.0



#18

Hexachloroethane

Concen: 36.157 ng

RT: 9.07 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

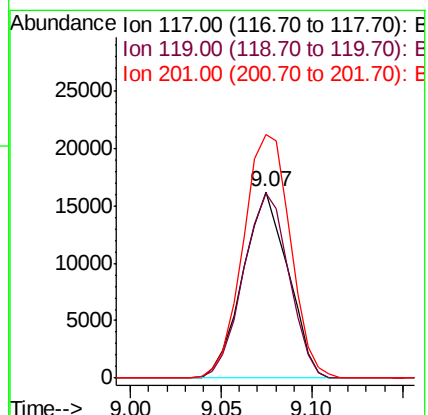
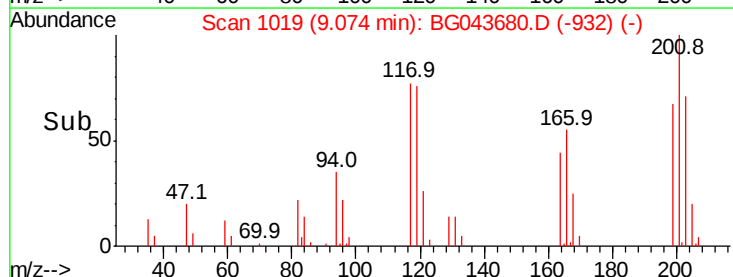
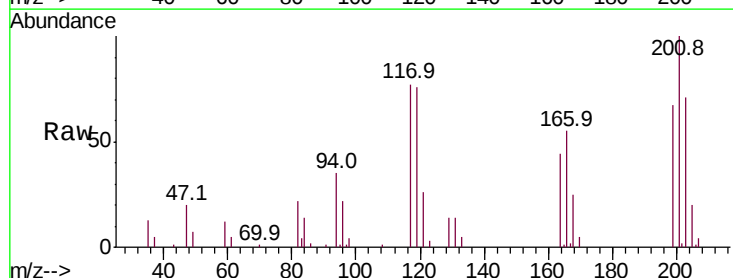
Tgt Ion:117 Resp: 28037

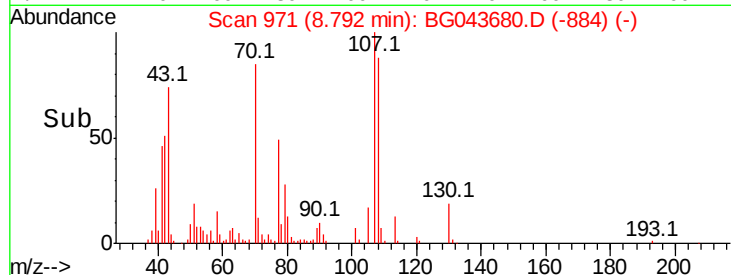
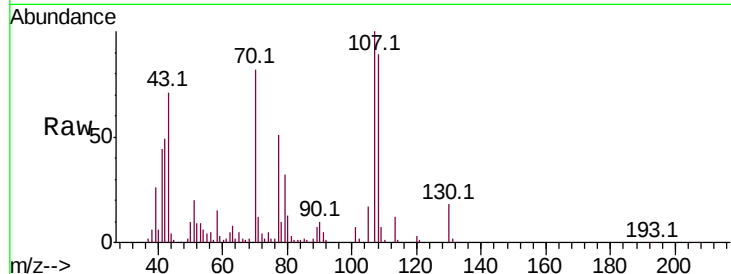
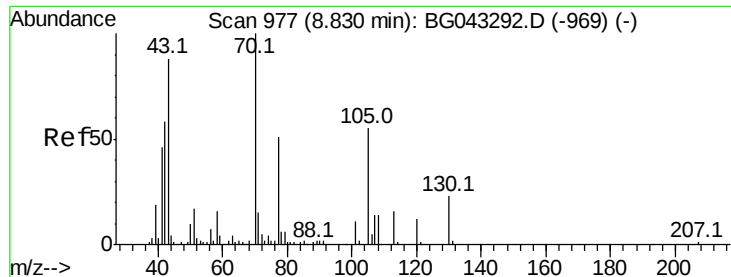
Ion Ratio Lower Upper

117 100

119 99.2 79.0 118.4

201 130.5 105.4 158.2

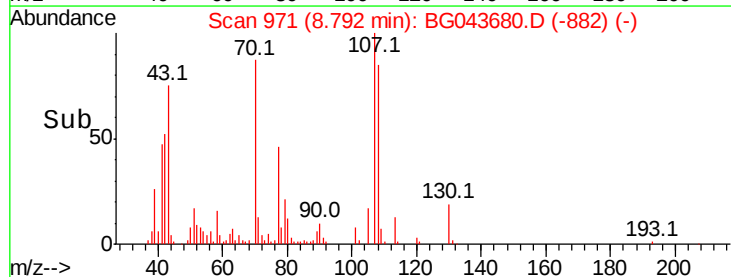
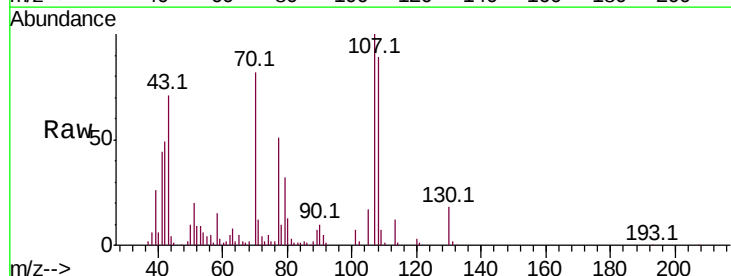
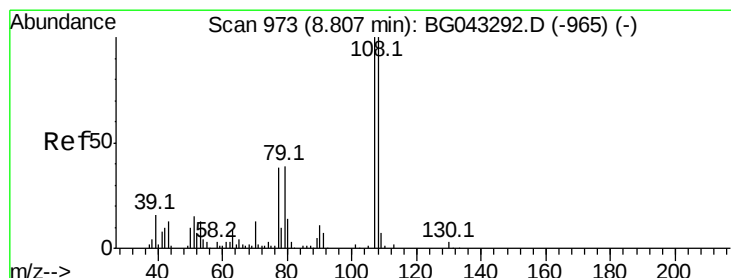
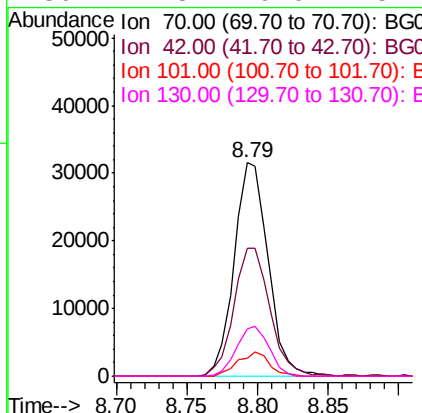




#19
n-Nitroso-di-n-propylamine
Concen: 37.184 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

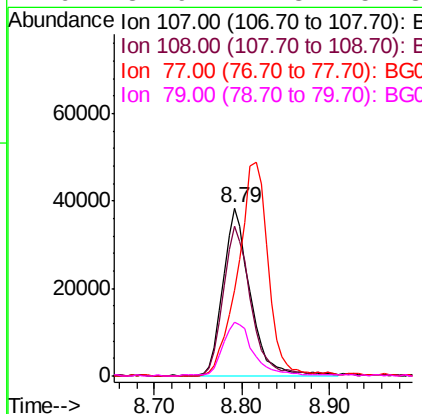
Instrument :
BNA_G
ClientSampled :

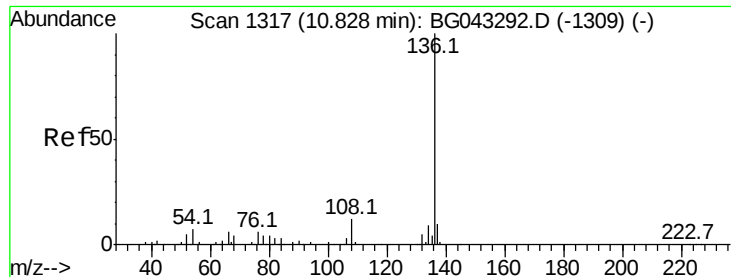
Tot Ion:	70	Resp:	53097
Ion	Ratio	Lower	Upper
70	100		
42	59.8	41.4	62.2
101	8.7	7.9	11.9
130	22.3	19.0	28.4



#20
3+4-Methylphenols
Concen: 40.873 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion:	107	Resp:	82507
Ion	Ratio	Lower	Upper
107	100		
108	88.9	66.6	106.6
77	51.1	20.9	60.9
79	31.9	11.3	51.3

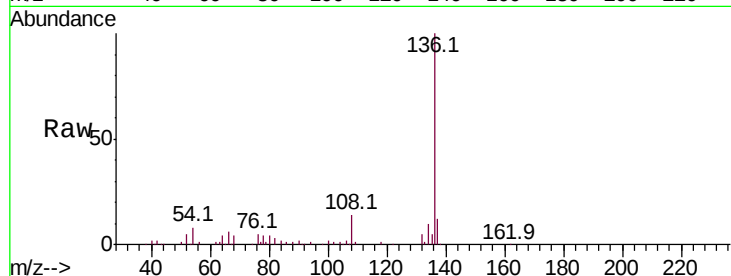




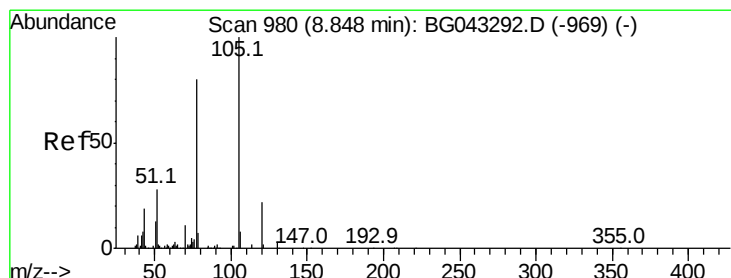
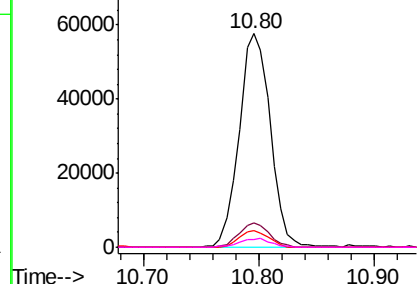
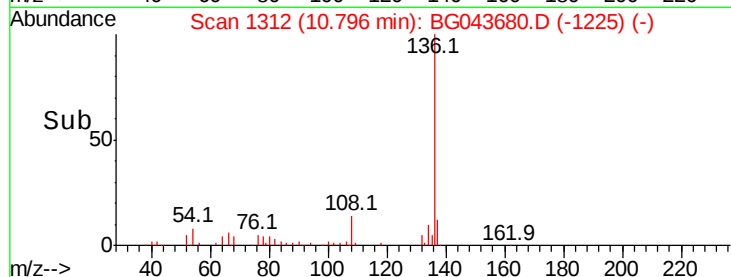
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	108009
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.7 13.1
54	7.9	5.4 8.2
68	3.8	3.0 4.4

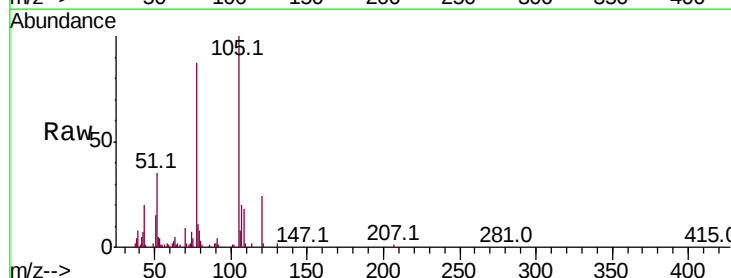


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

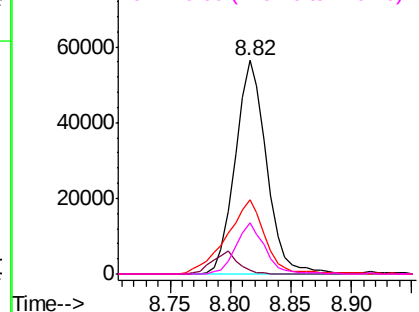
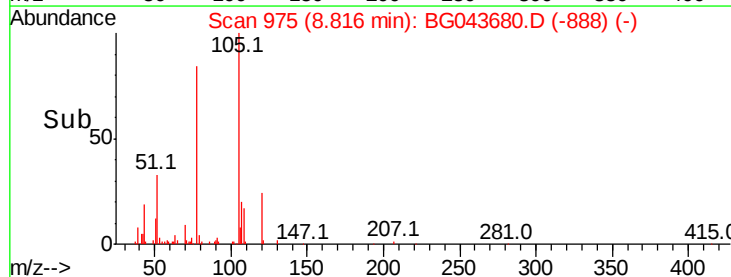


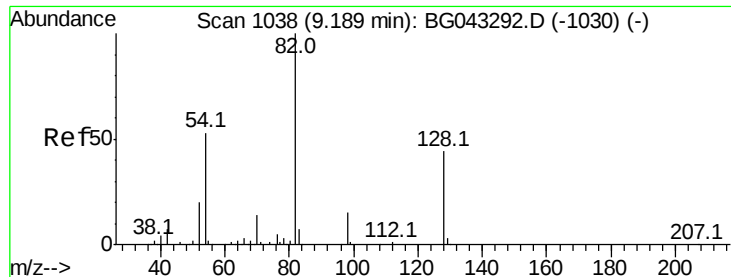
#22
Acetophenone
Concen: 36.803 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion:105	Resp:	101797
Ion Ratio	Lower	Upper
105	100	
71	1.8	0.8 1.2#
51	34.5	21.0 31.4#
120	24.1	18.0 27.0



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

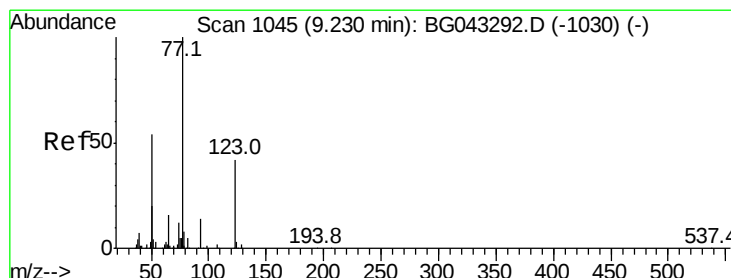
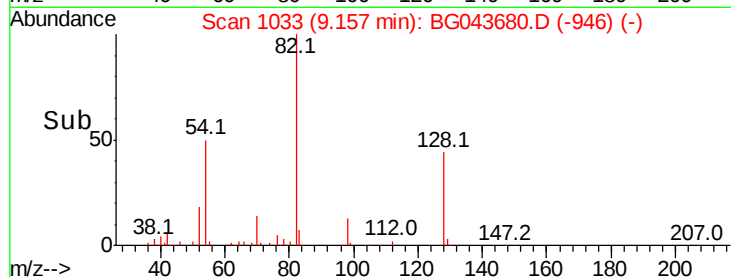
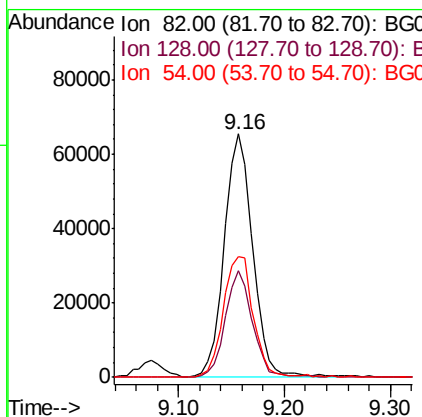
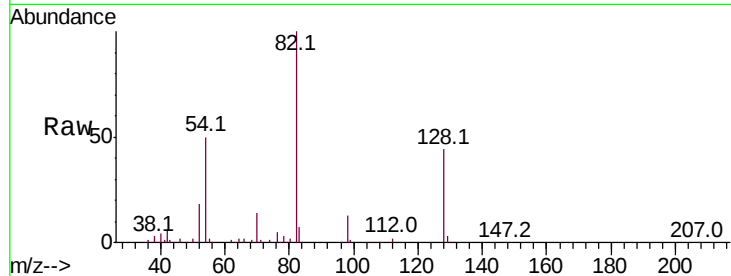




#23
 Nitrobenzene-d5
 Concen: 58.200 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

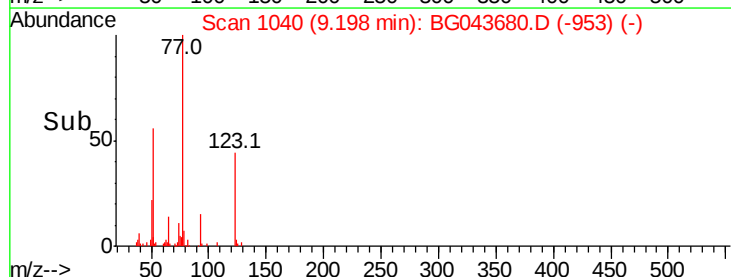
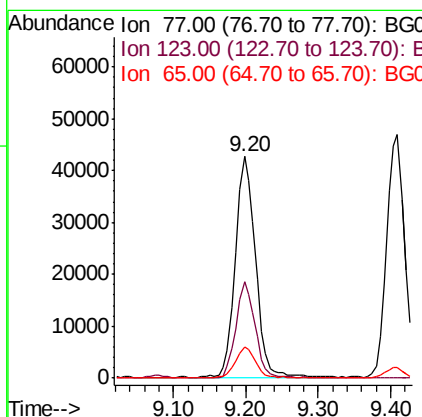
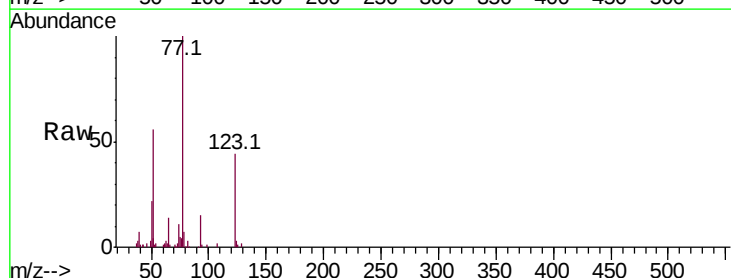
Instrument :
 BNA_G
 ClientSampleId :

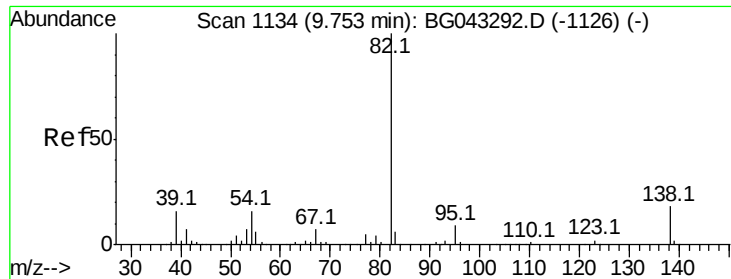
Tot Ion: 82 Resp: 121932
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.0 52.6
 54 49.7 40.2 60.2



#24
 Nitrobenzene
 Concen: 41.972 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion: 77 Resp: 83767
 Ion Ratio Lower Upper
 77 100
 123 43.7 35.0 52.6
 65 14.1 9.5 14.3

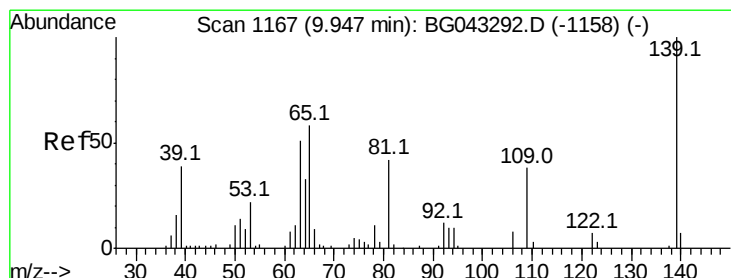
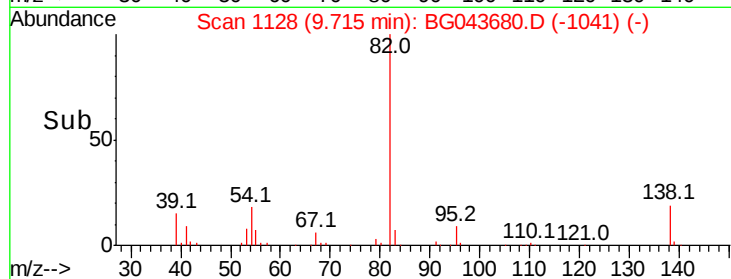
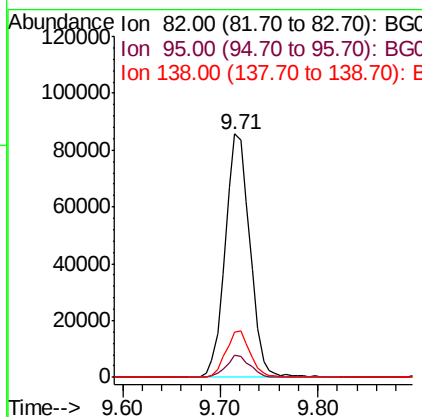
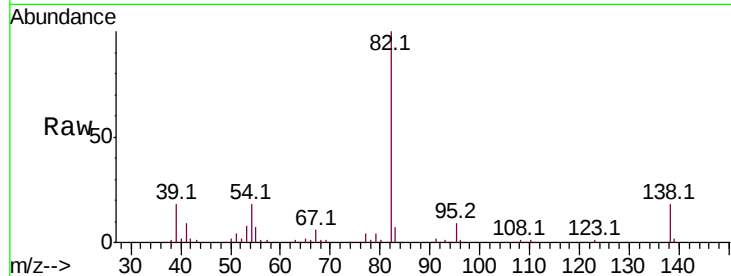




#25
Isophorone
Concen: 39.310 ng
RT: 9.71 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

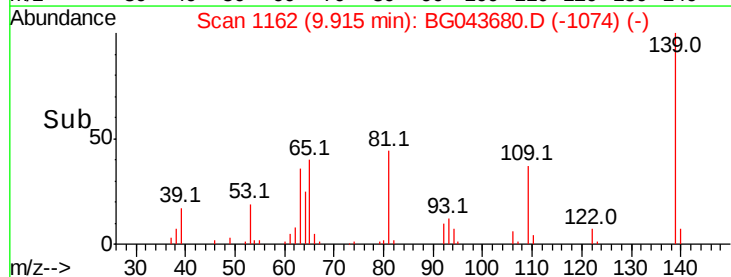
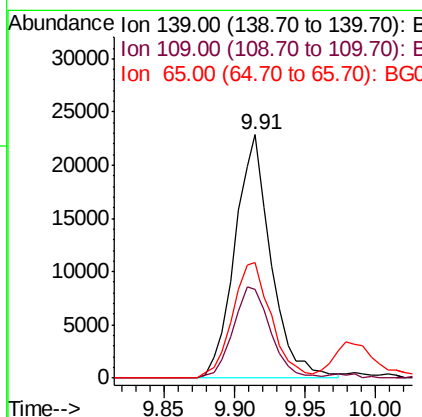
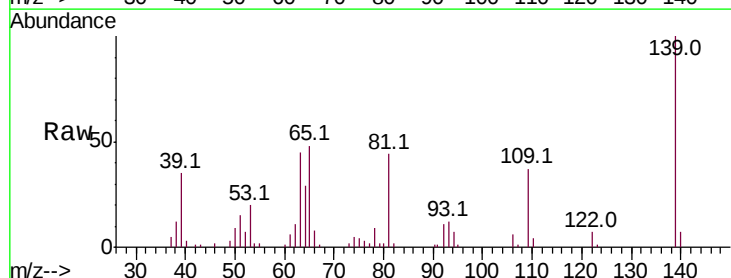
Instrument :
BNA_G
ClientSampled :

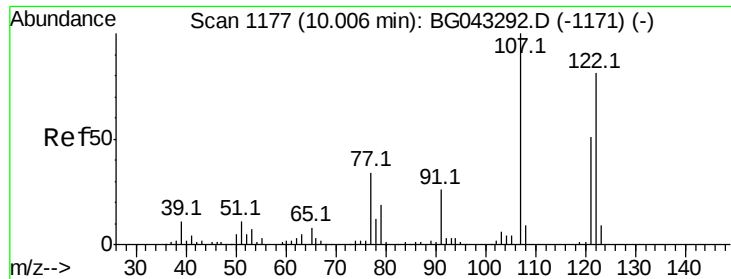
Tot Ion: 82 Resp: 150570
Ion Ratio Lower Upper
82 100
95 8.9 6.6 9.8
138 18.4 15.2 22.8



#26
2-Nitrophenol
Concen: 42.324 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion: 139 Resp: 40780
Ion Ratio Lower Upper
139 100
109 36.6 26.5 39.7
65 47.7 43.8 65.8

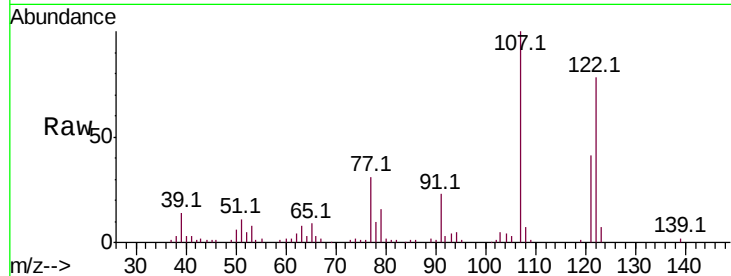




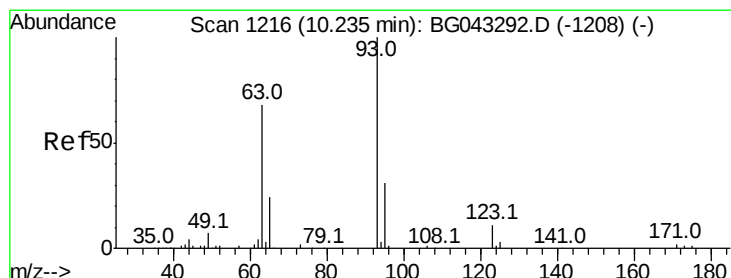
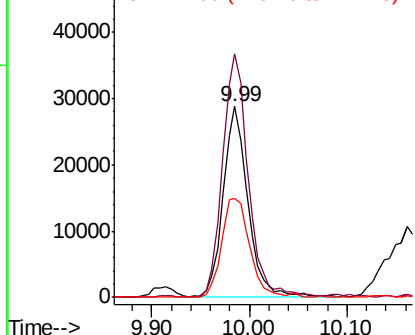
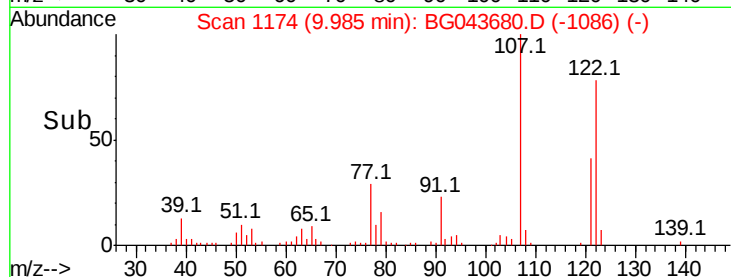
#27
 2,4-Dimethylphenol
 Concen: 36.929 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 50998
 Ion Ratio Lower Upper
 122 100
 107 127.7 104.4 156.6
 121 51.9 47.2 70.8

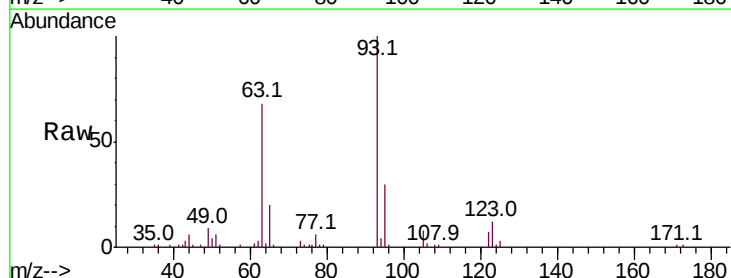


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

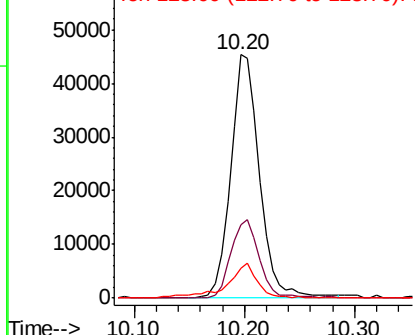
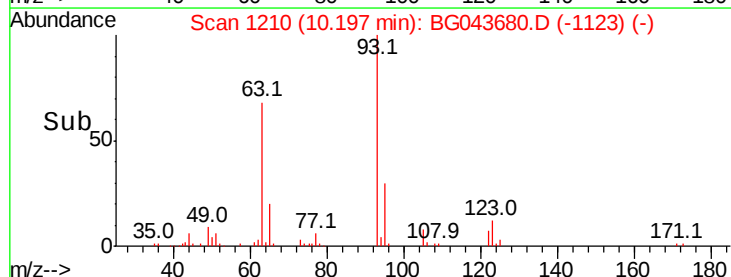


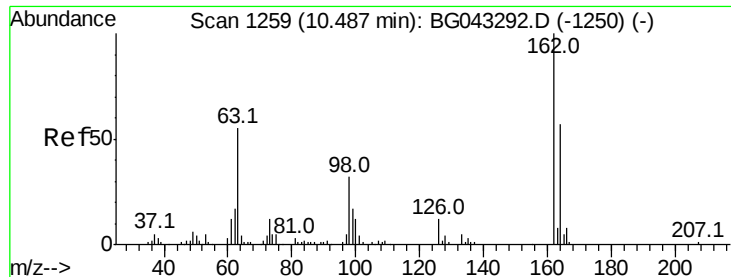
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.230 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion: 93 Resp: 82933
 Ion Ratio Lower Upper
 93 100
 95 30.3 26.0 39.0
 123 12.3 10.6 15.8



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: 43.208 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

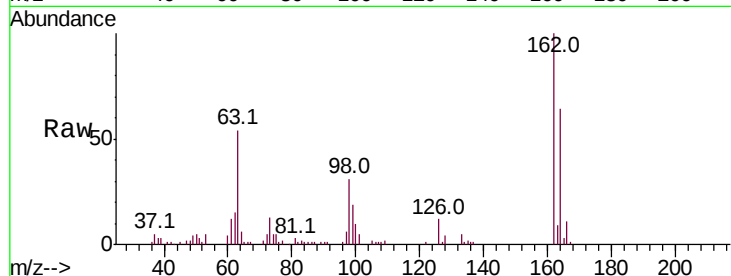
Tot Ion:162 Resp: 76453

Ion Ratio Lower Upper

162 100

164 64.2 48.9 88.9

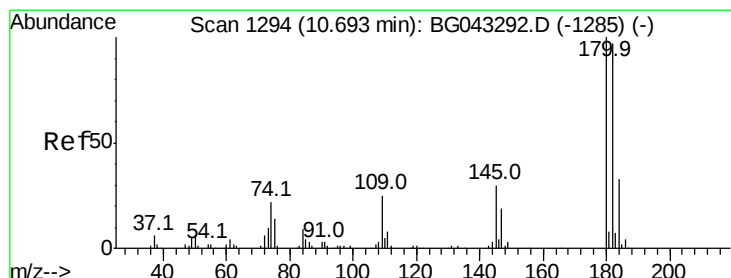
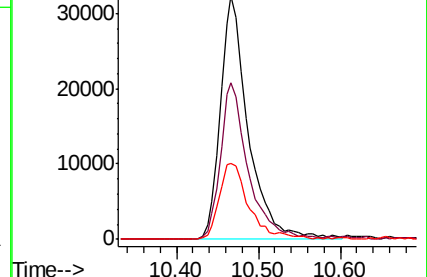
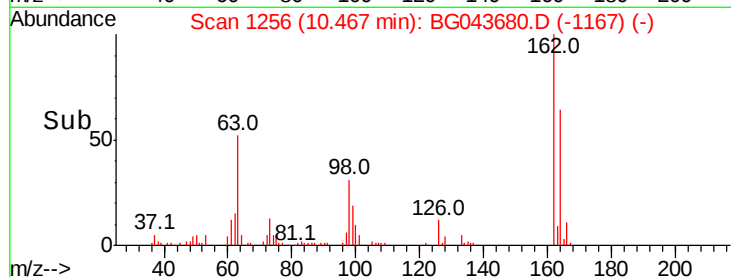
98 30.9 15.1 55.1



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: 39.158 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

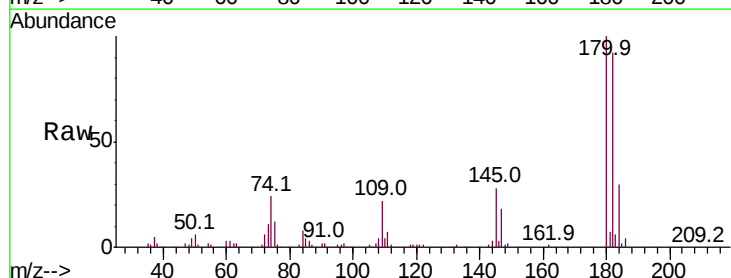
Tgt Ion:180 Resp: 87326

Ion Ratio Lower Upper

180 100

182 92.2 75.1 112.7

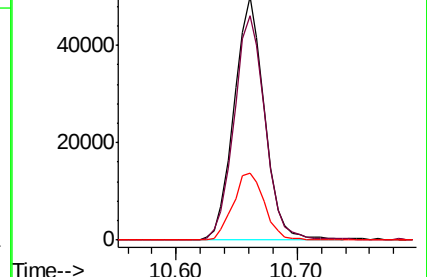
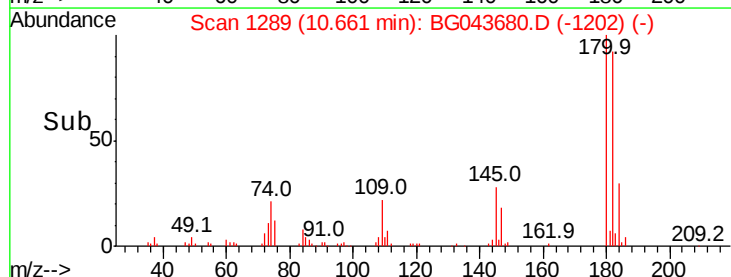
145 27.7 23.9 35.9

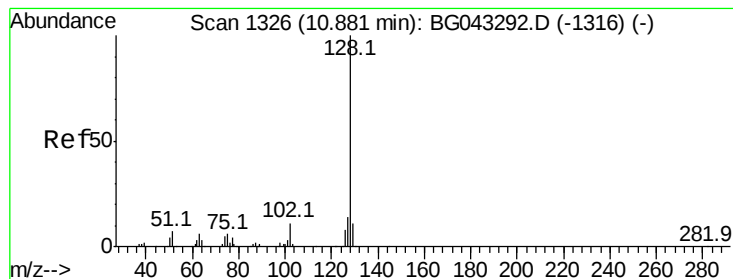


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.827 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

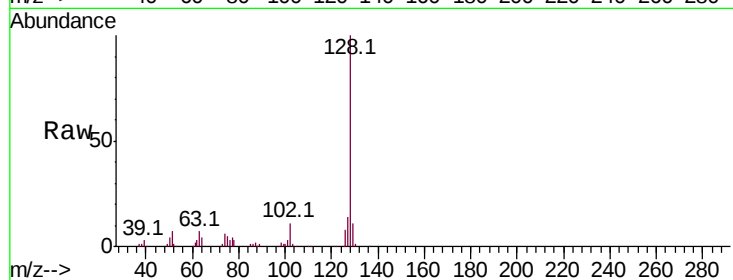
Tot Ion:128 Resp: 223833

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

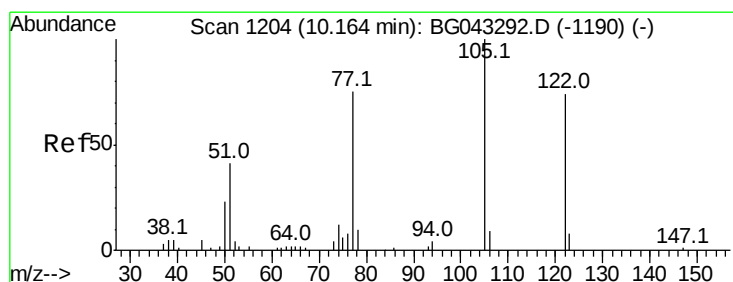
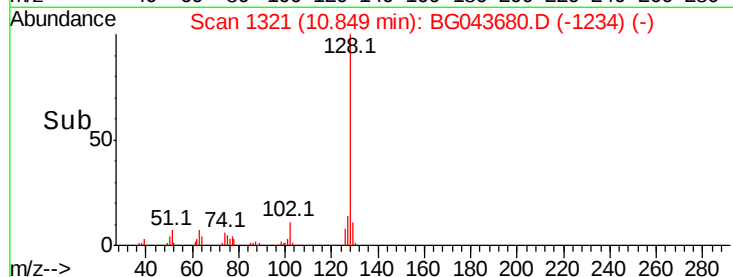
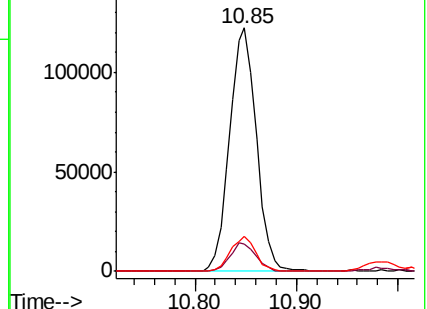
127 14.2 11.1 16.7



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: 34.809 ng

RT: 10.16 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

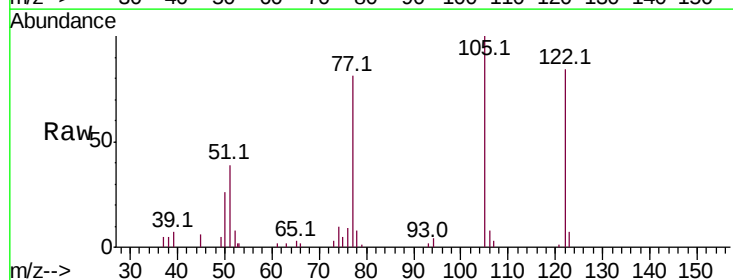
Tgt Ion:122 Resp: 33473

Ion Ratio Lower Upper

122 100

105 119.3 103.3 143.3

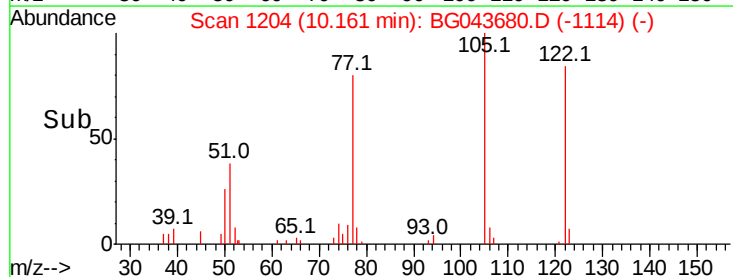
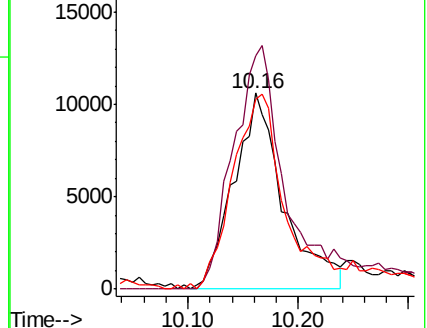
77 96.8 84.9 124.9

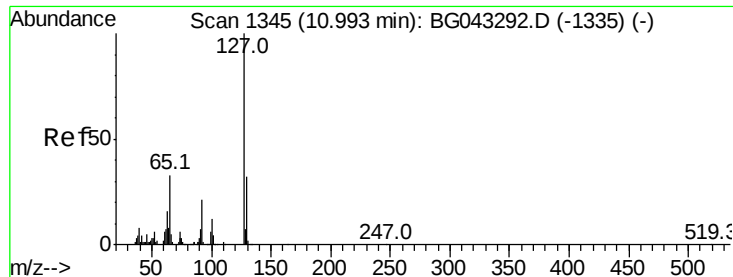


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

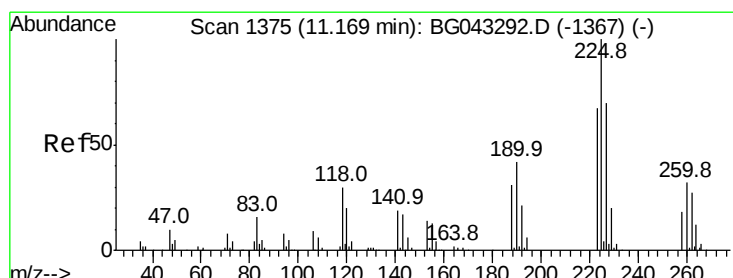
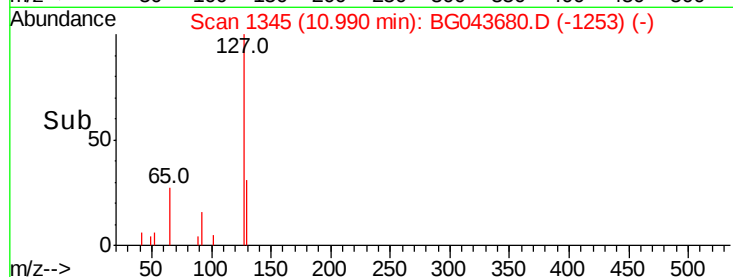
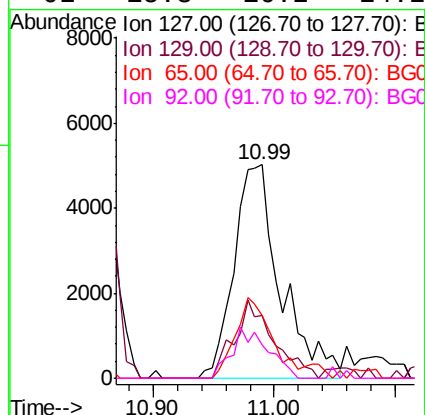
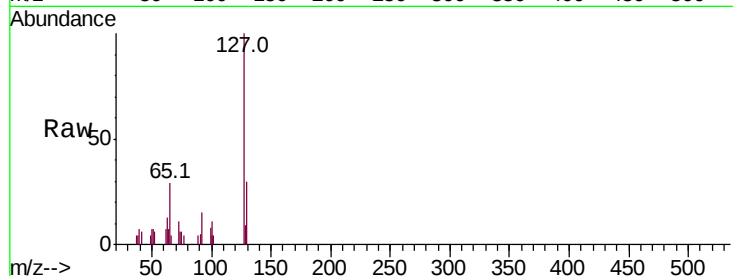




#33
4-Chloroaniline
Concen: 5.997 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

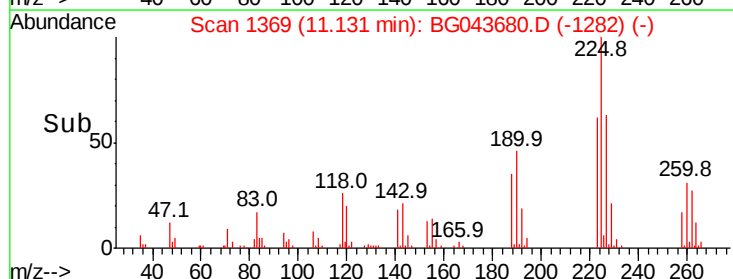
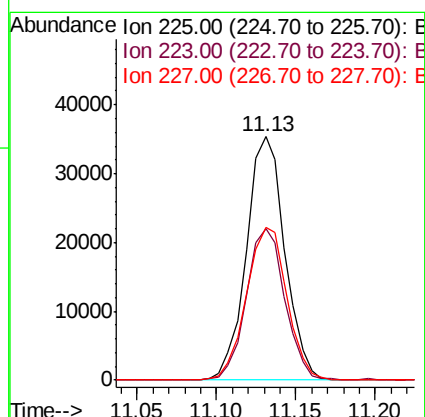
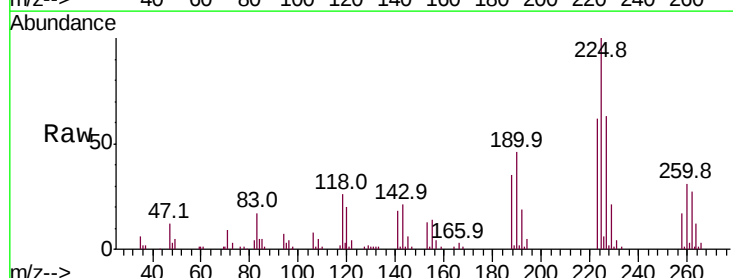
Instrument :
BNA_G
ClientSampleId :

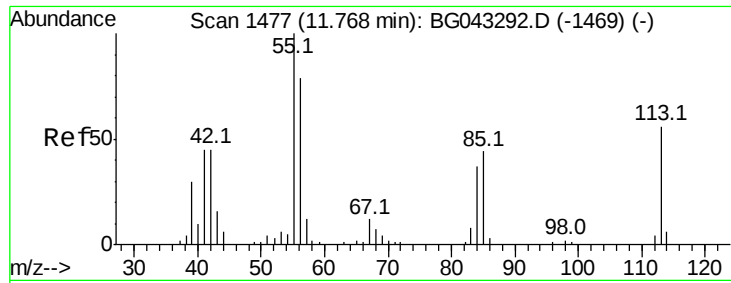
Tot Ion:	127	Resp:	13478
Ion	Ratio	Lower	Upper
127	100		
129	29.5	26.5	39.7
65	29.5	26.4	39.6
92	15.3	16.2	24.2#



#34
Hexachlorobutadiene
Concen: 36.007 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion:	225	Resp:	59360
Ion	Ratio	Lower	Upper
225	100		
223	62.0	52.7	79.1
227	62.8	54.8	82.2





#35

Caprolactam

Concen: 24.158 ng

RT: 11.72 min Scan# 1470

Delta R.T. -0.03 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampled :

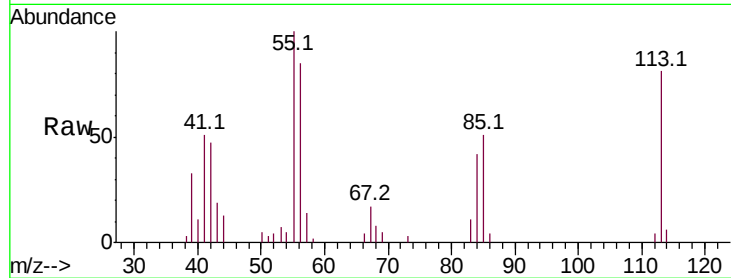
Tot Ion:113 Resp: 14722

Ion Ratio Lower Upper

113 100

55 123.1 134.1 174.1#

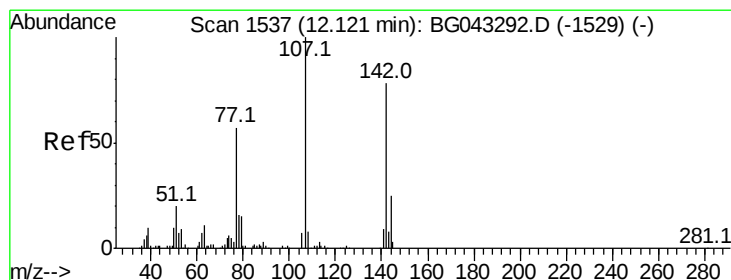
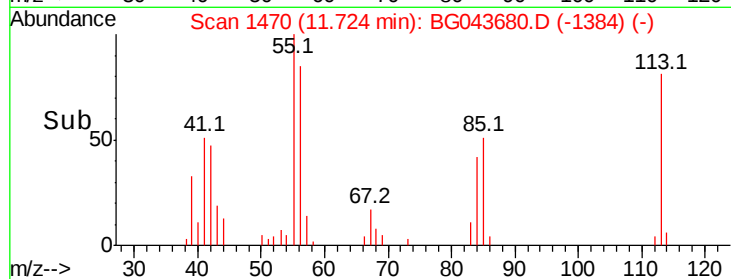
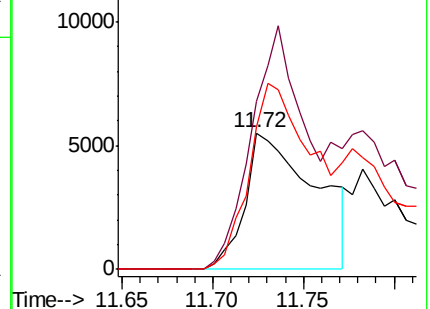
56 104.1 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.432 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

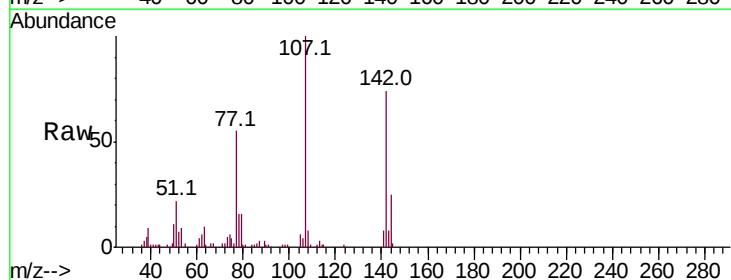
Tgt Ion:107 Resp: 83827

Ion Ratio Lower Upper

107 100

144 25.5 20.9 31.3

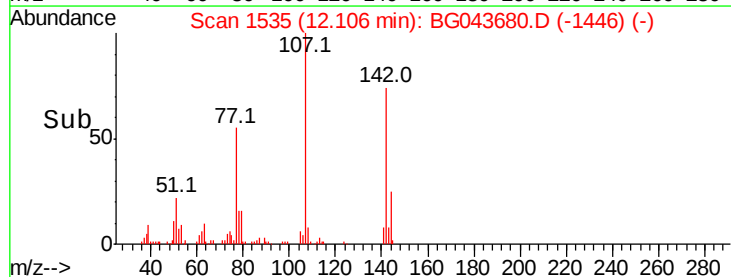
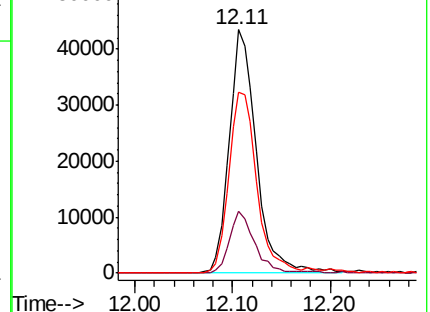
142 74.1 59.6 89.4

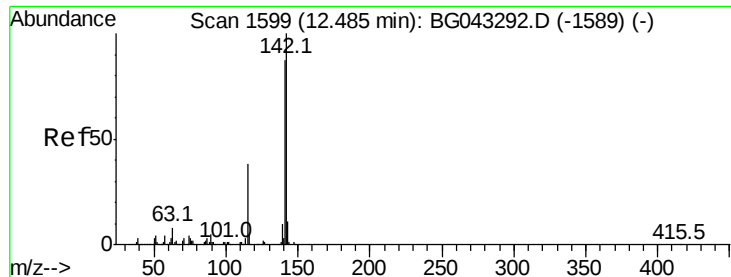


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

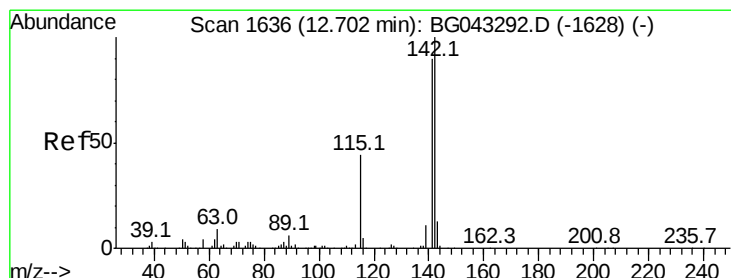
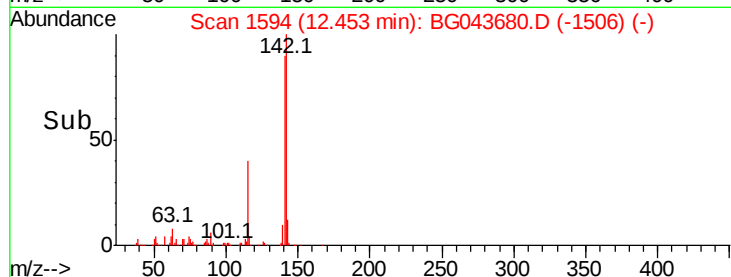
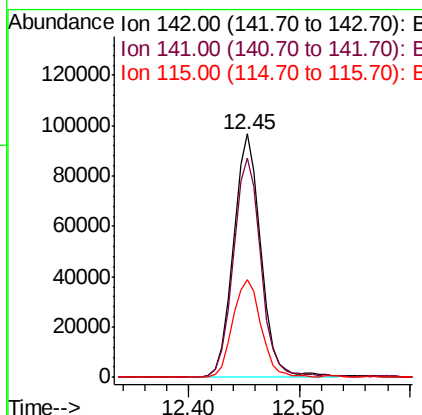
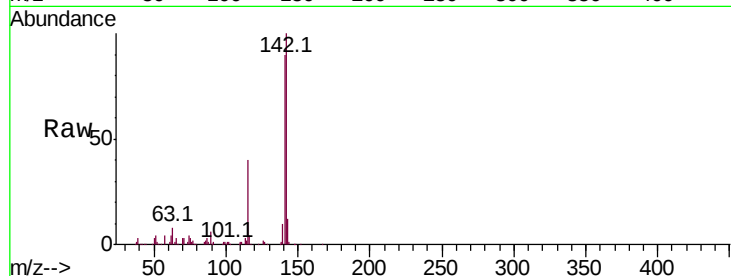




#37
2-Methylnaphthalene
Concen: 40.196 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

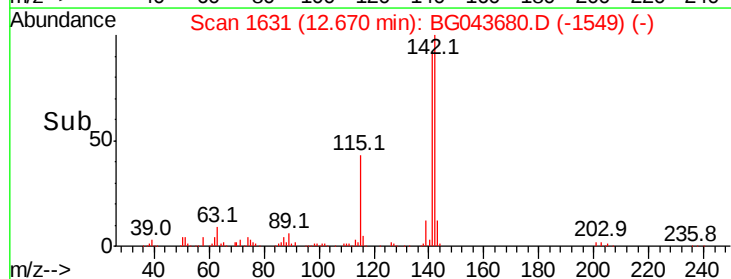
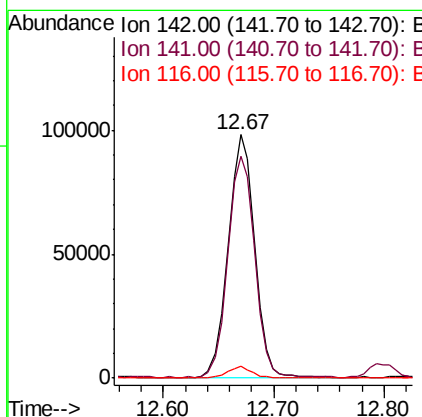
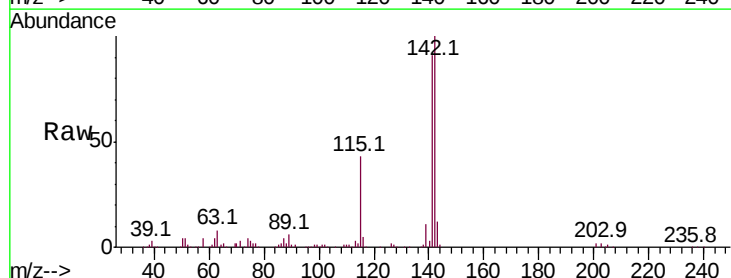
Instrument :
BNA_G
ClientSampleId :

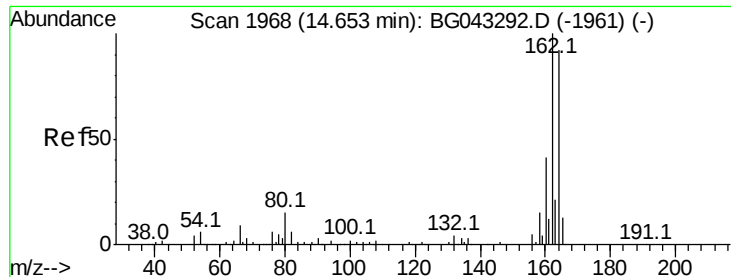
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.2
115	40.0	33.2	49.8



#38
1-Methylnaphthalene
Concen: 41.496 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
116	5.1	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

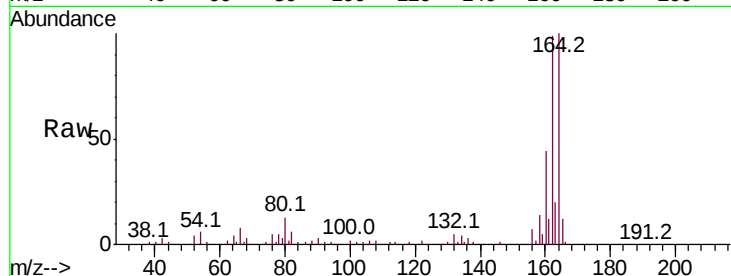
Tot Ion:164 Resp: 78410

Ion Ratio Lower Upper

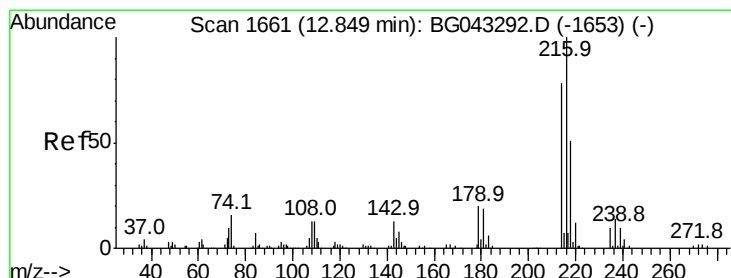
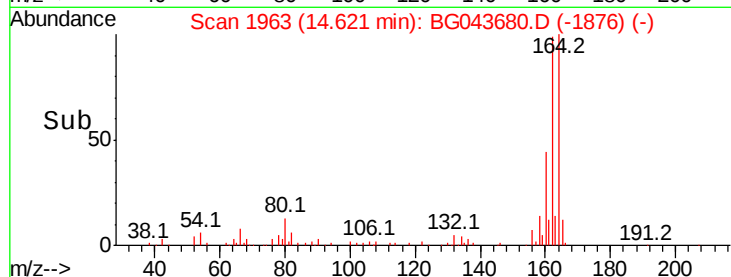
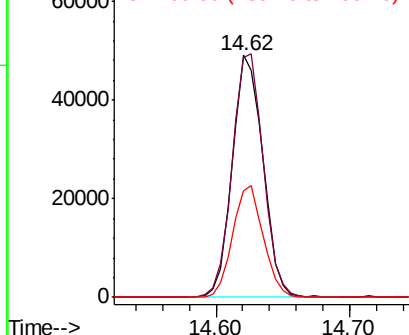
164 100

162 99.3 83.5 125.3

160 44.3 36.5 54.7



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: 37.828 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:216 Resp: 109771

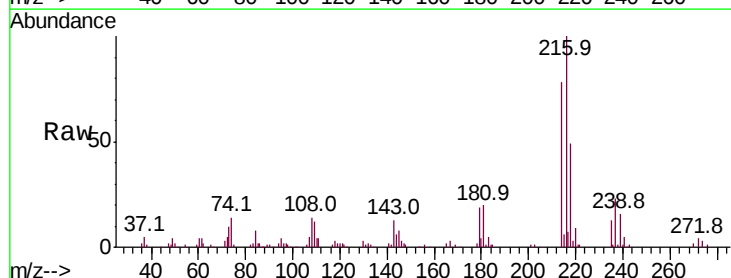
Ion Ratio Lower Upper

216 100

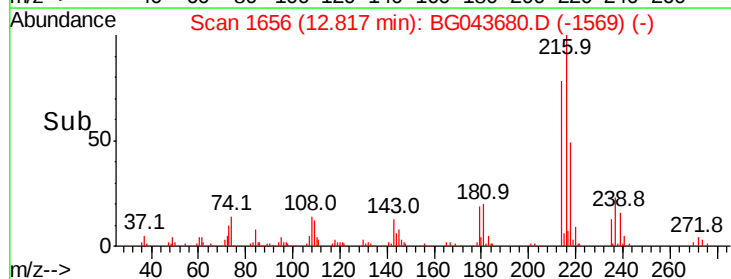
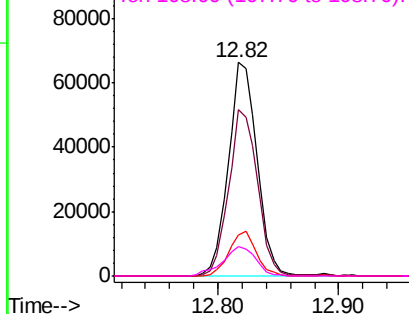
214 78.5 61.7 92.5

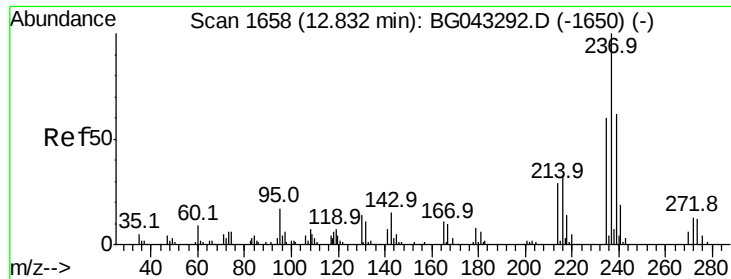
179 19.6 15.8 23.8

108 15.8 11.5 17.3



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: 65.726 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

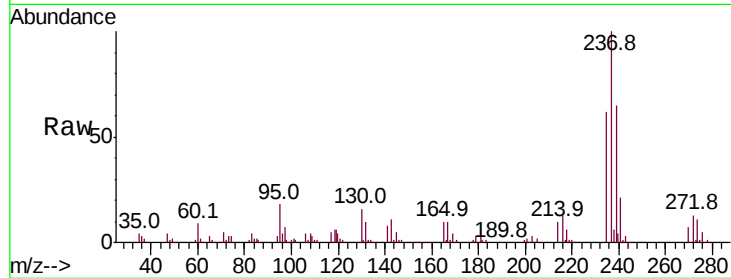
Tot Ion:237 Resp: 100189

Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.6	81.6
272	12.9	0.0	32.5

237 100

235 62.4 41.6 81.6

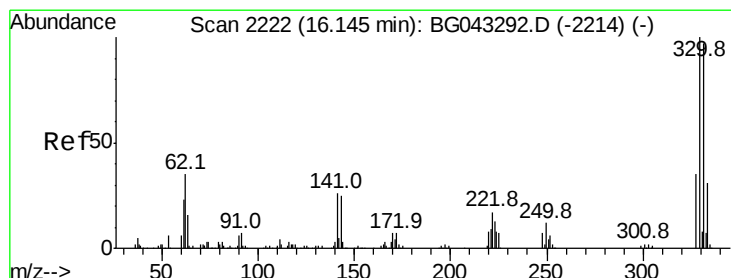
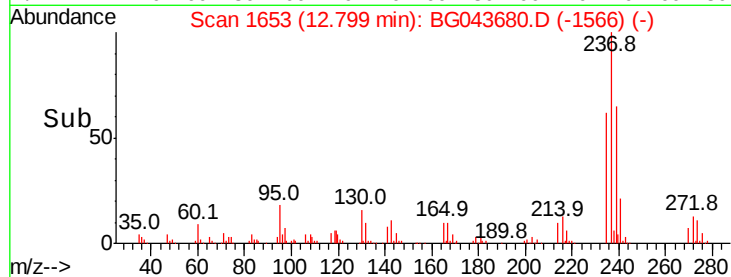
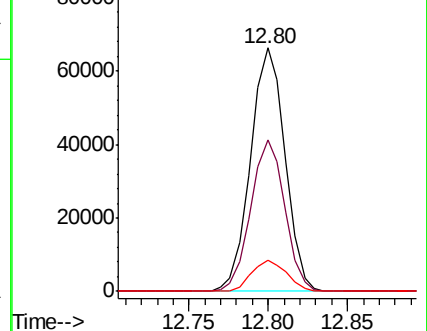
272 12.9 0.0 32.5



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: 78.698 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

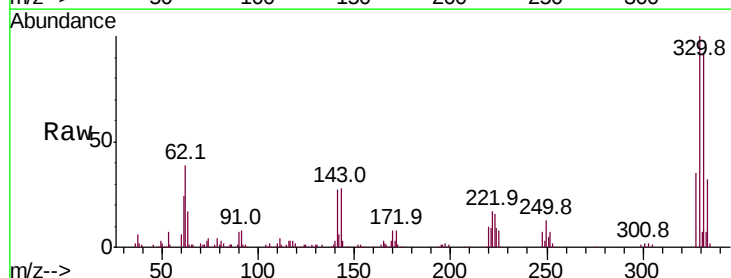
Tgt Ion:330 Resp: 117429

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.4	116.0
141	28.8	22.8	34.2

330 100

332 94.1 77.4 116.0

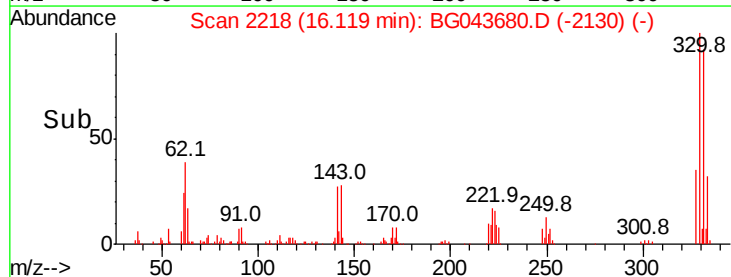
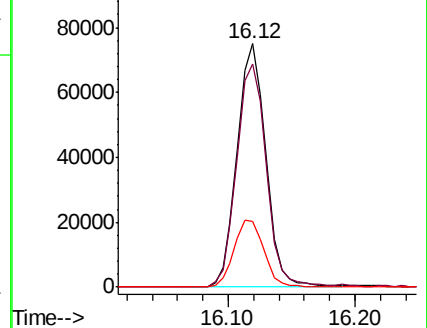
141 28.8 22.8 34.2

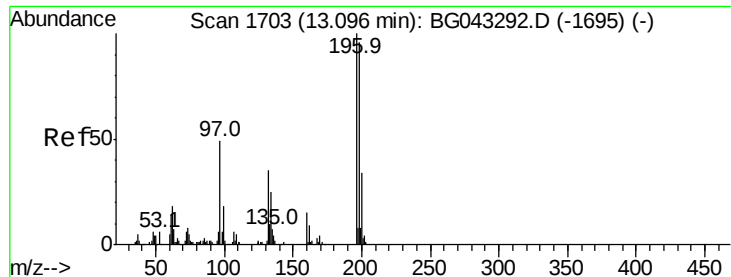


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

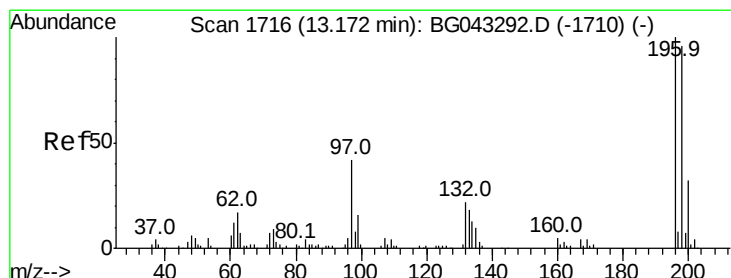
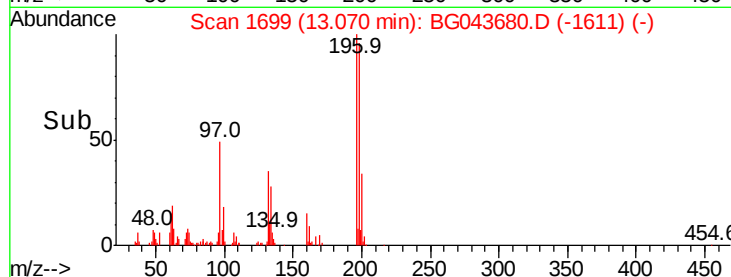
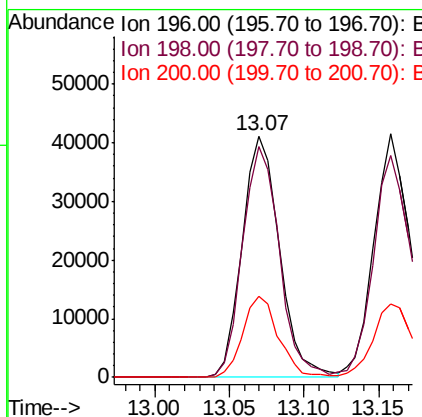
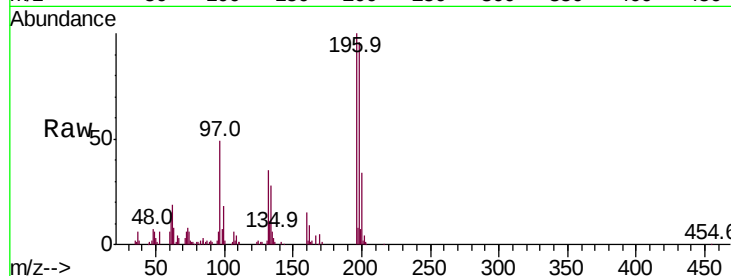




#43
 2,4,6-Trichlorophenol
 Concen: 41.823 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

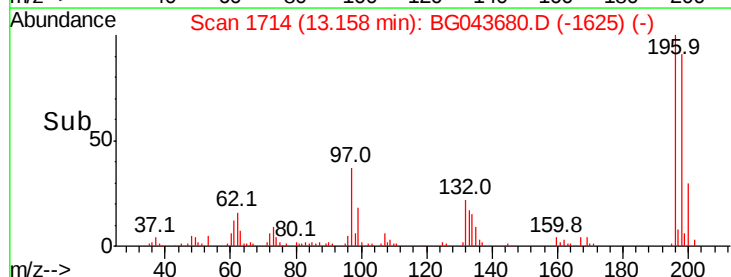
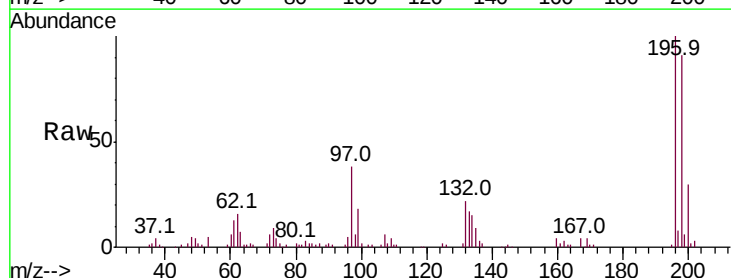
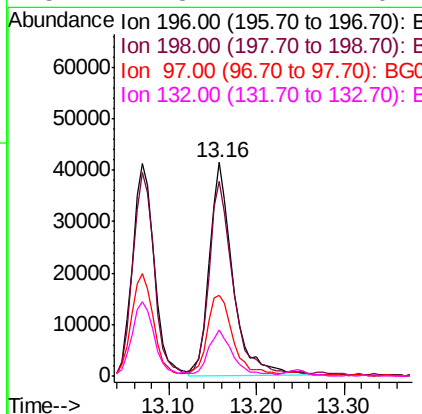
Instrument :
 BNA_G
 ClientSampled :

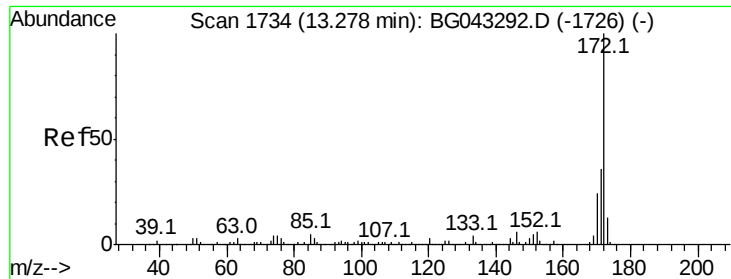
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.8	113.6
200	33.7	23.9	35.9



#44
 2,4,5-Trichlorophenol
 Concen: 44.319 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	74.5	111.7
97	37.6	36.3	54.5
132	21.8	17.4	26.2

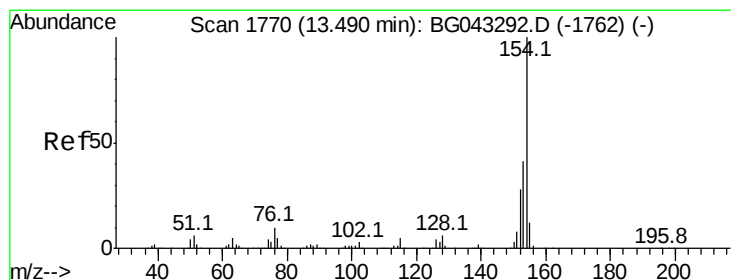
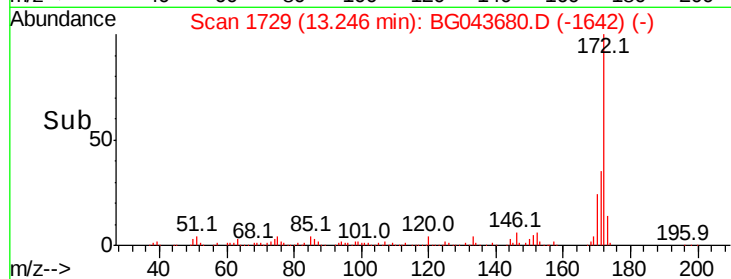
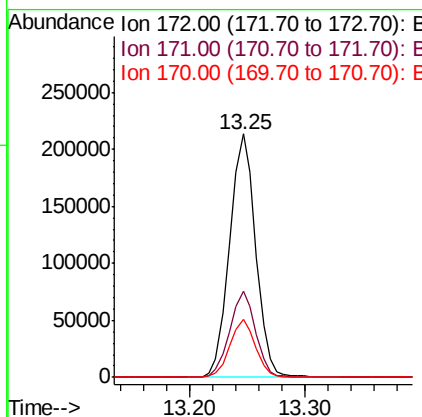
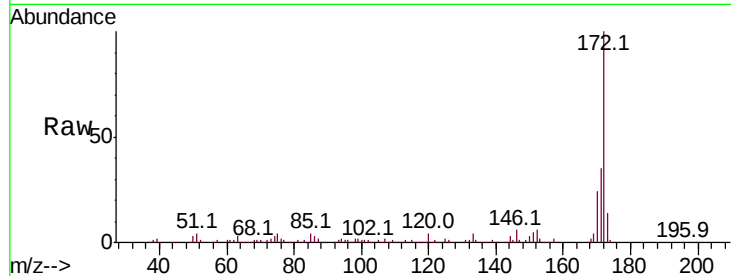




#45
 2-Fluorobiphenyl
 Concen: 58.836 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

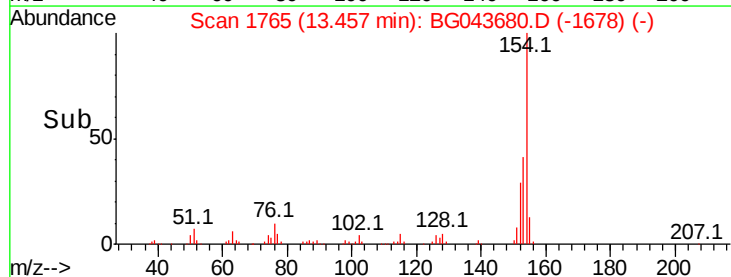
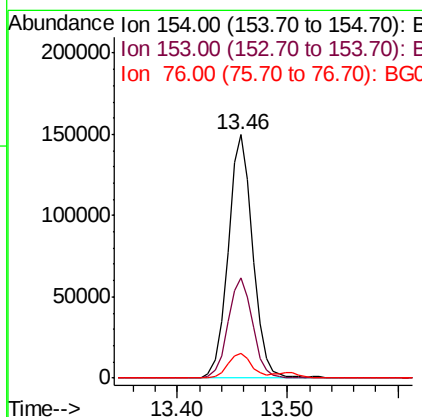
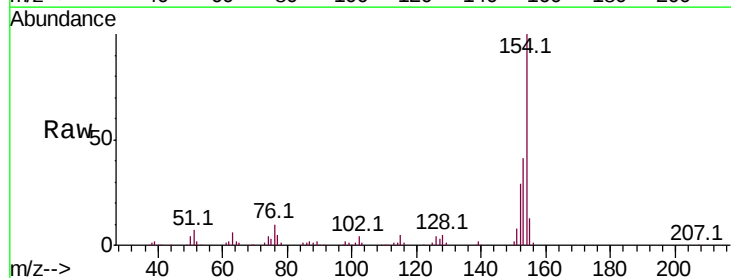
Instrument :
 BNA_G
 ClientSampleId :

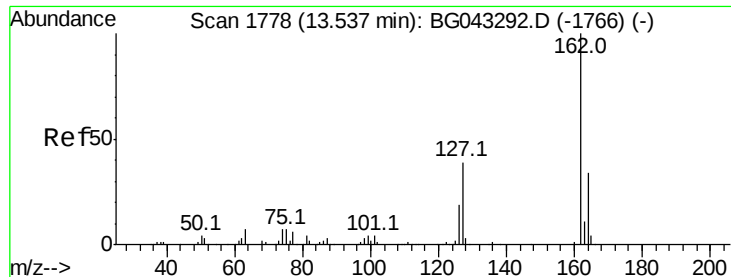
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.7	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 39.099 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.9	59.9
76	10.1	0.0	29.4

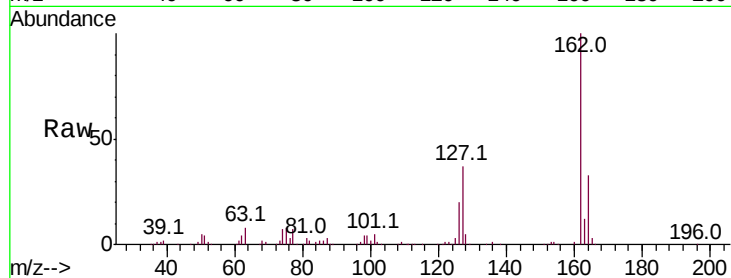




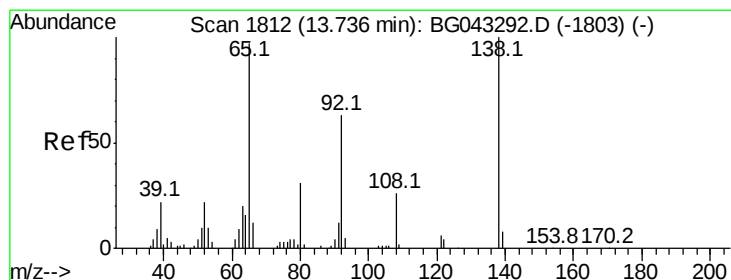
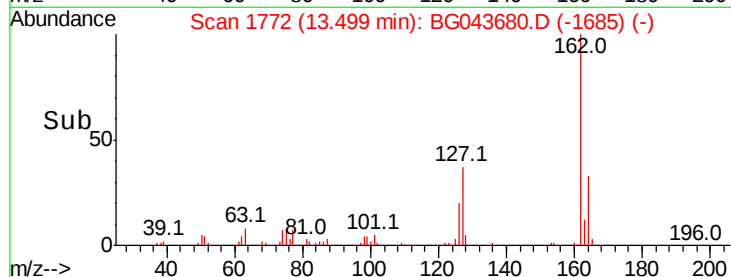
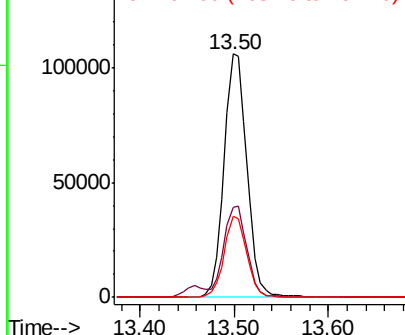
#47
2-Chloronaphthalene
Concen: 39.610 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 179774
Ion Ratio Lower Upper
162 100
127 36.9 31.2 46.8
164 33.1 25.8 38.8

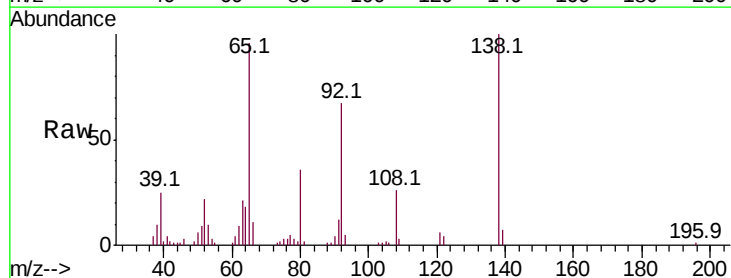


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

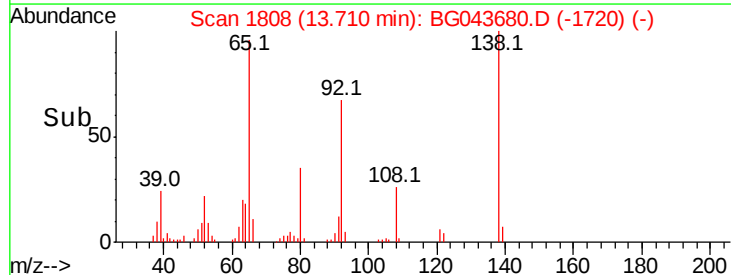
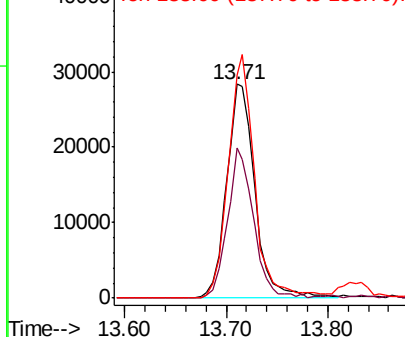


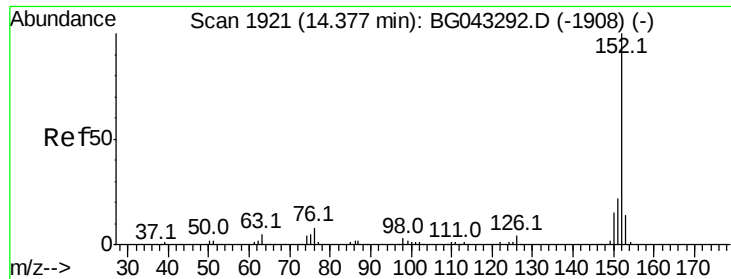
#48
2-Nitroaniline
Concen: 40.418 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion: 65 Resp: 54826
Ion Ratio Lower Upper
65 100
92 70.2 56.2 84.2
138 104.3 82.6 123.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.030 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampled :

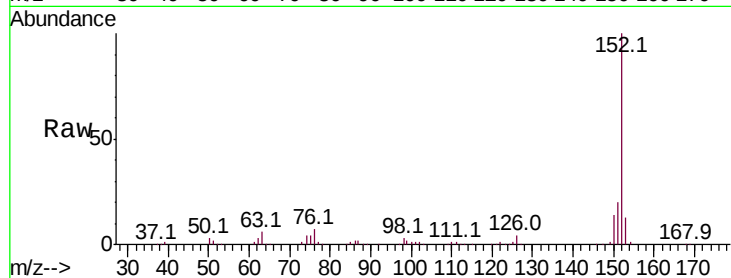
Tot Ion:152 Resp: 296883

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

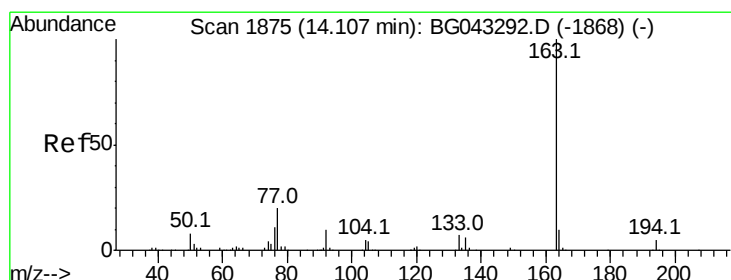
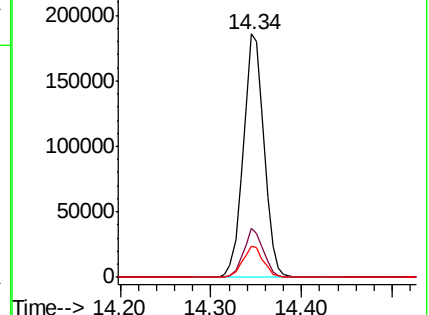
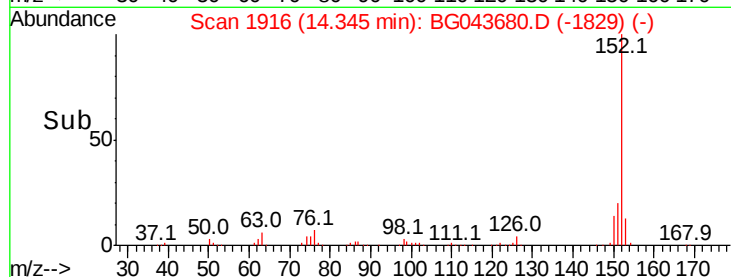
153 12.9 10.6 15.8



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: 46.739 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

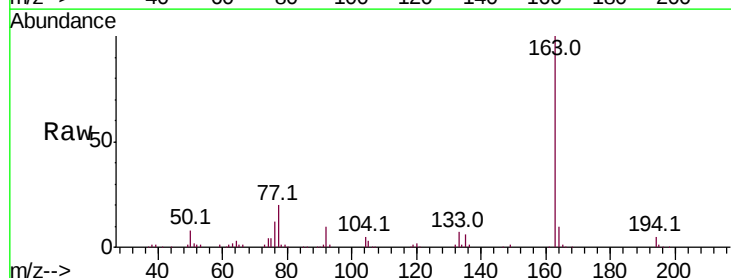
Tgt Ion:163 Resp: 283867

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

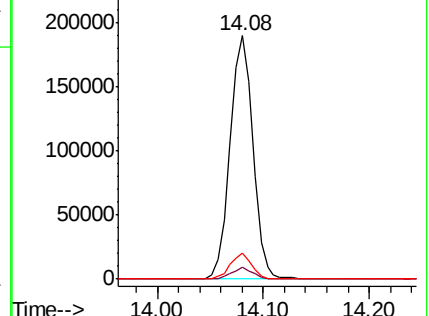
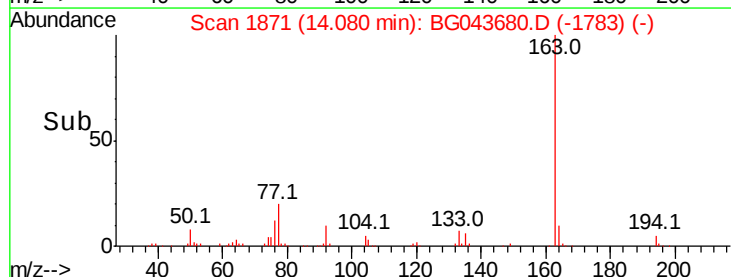
164 10.5 8.9 13.3

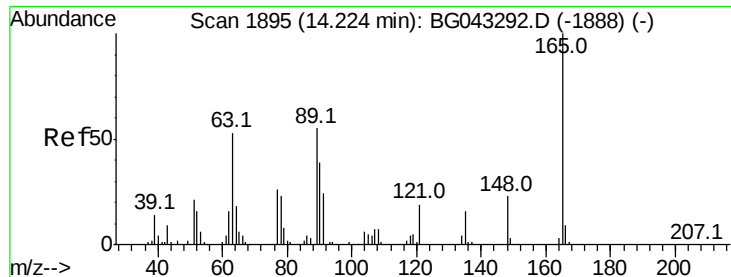


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

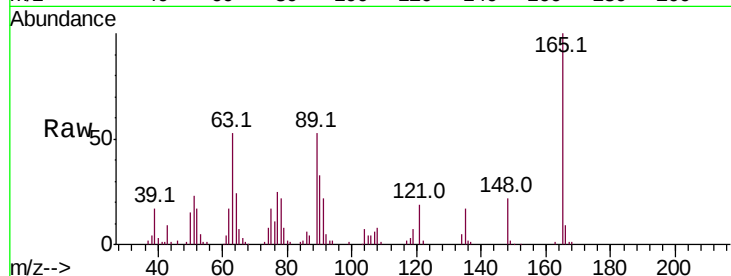




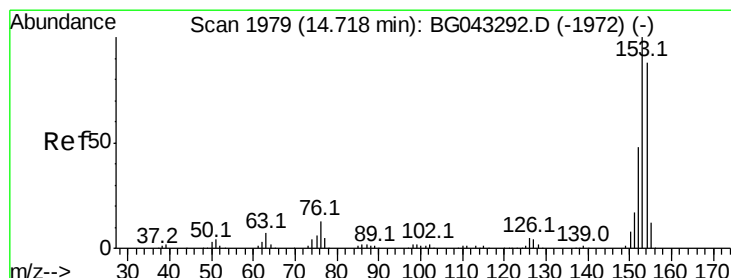
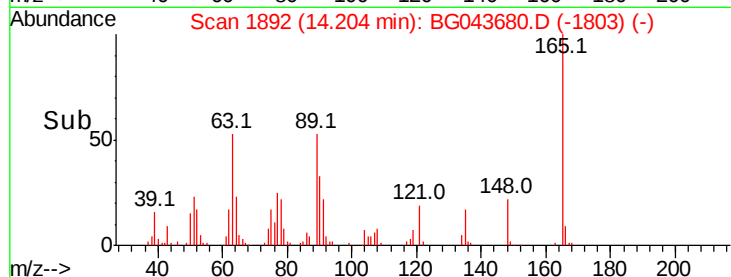
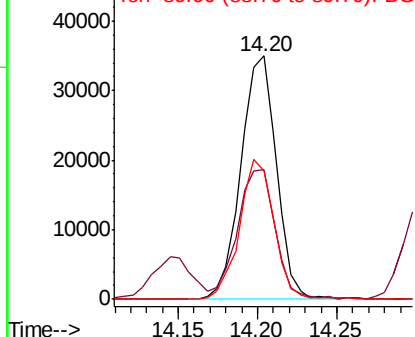
#51
2,6-Dinitrotoluene
Concen: 41.084 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 54208
Ion Ratio Lower Upper
165 100
63 53.3 46.6 69.8
89 52.6 45.1 67.7

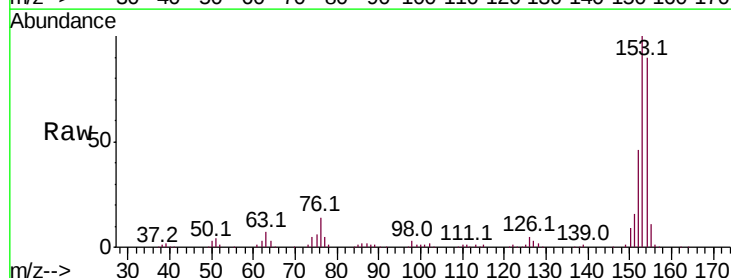


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

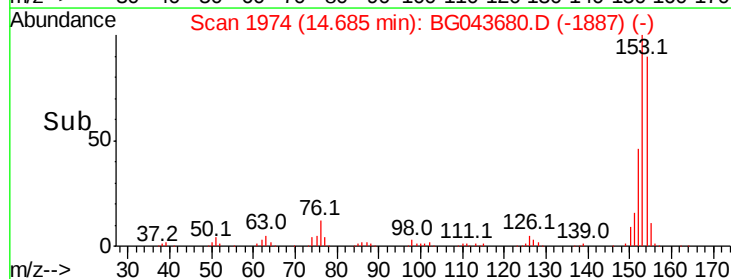
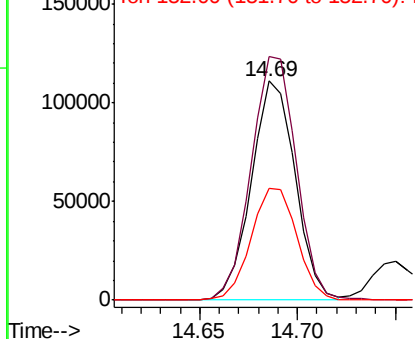


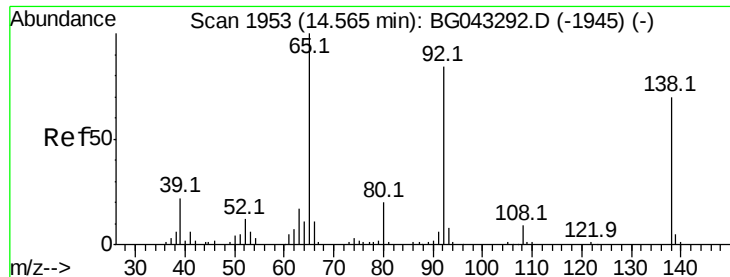
#52
Acenaphthene
Concen: 40.128 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion:154 Resp: 172857
Ion Ratio Lower Upper
154 100
153 111.2 88.2 132.2
152 51.3 40.0 60.0



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





#53

3-Nitroaniline

Concen: 10.671 ng

RT: 14.54 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampled :

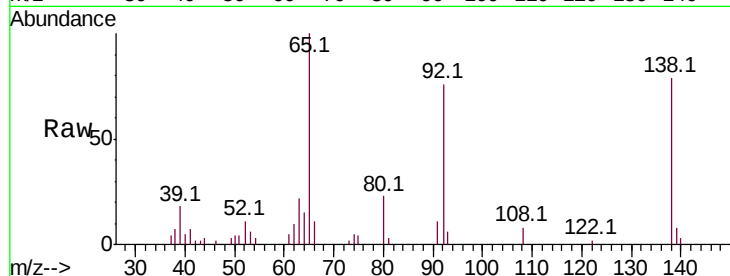
Tot Ion:138 Resp: 13594

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

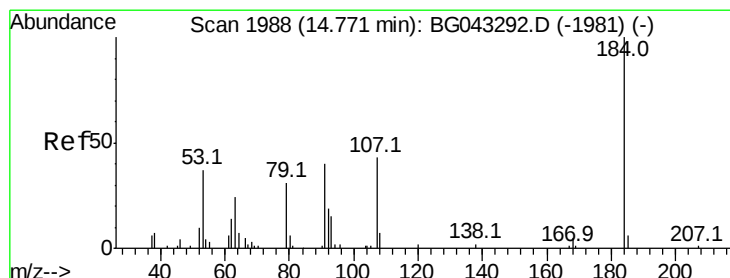
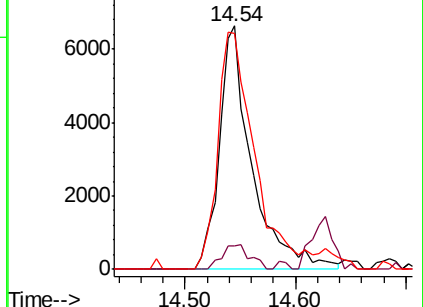
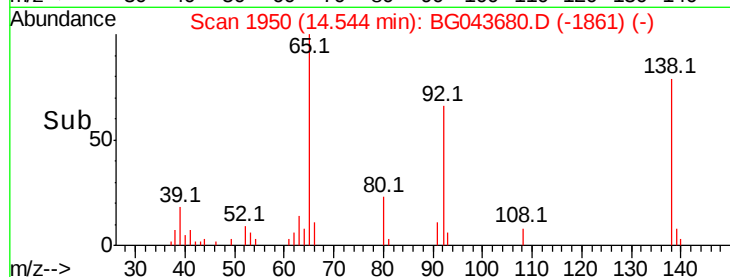
92 96.9 90.9 136.3



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: 72.686 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

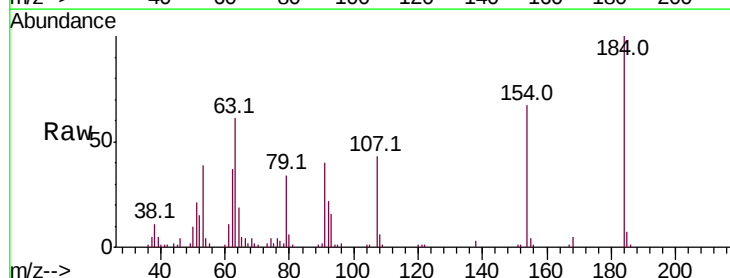
Tgt Ion:184 Resp: 59284

Ion Ratio Lower Upper

184 100

63 60.6 51.3 76.9

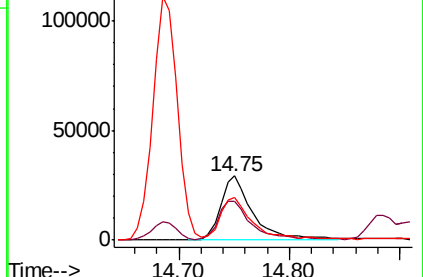
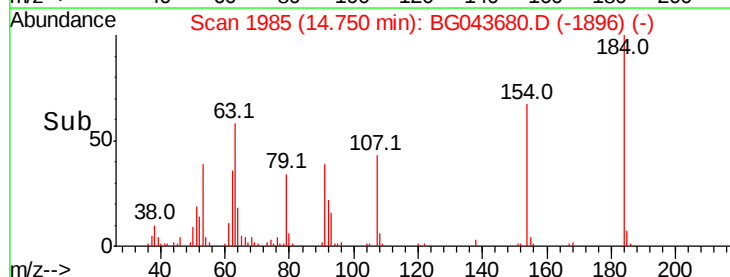
154 66.6 55.4 83.0

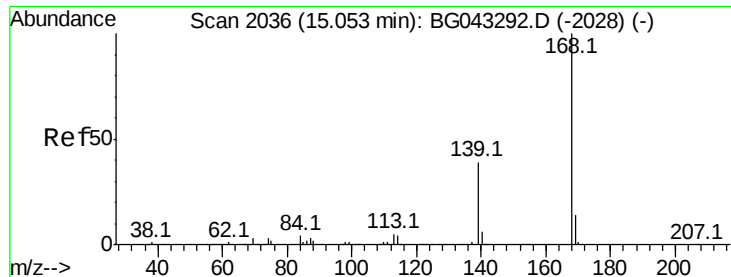


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

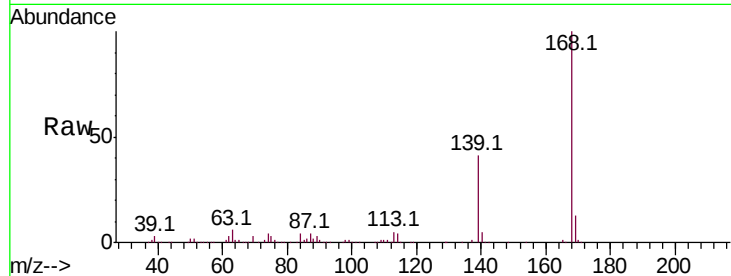




#55
Dibenzofuran
Concen: 41.137 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.0	46.6
169	13.3	11.7	17.5

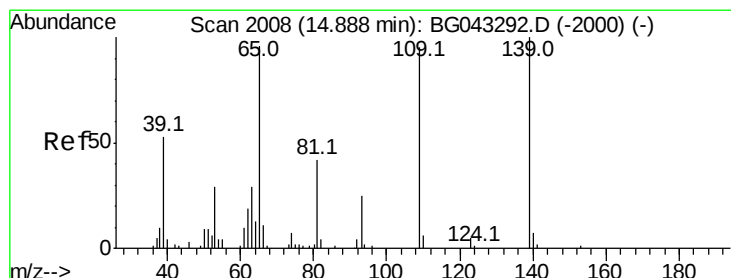
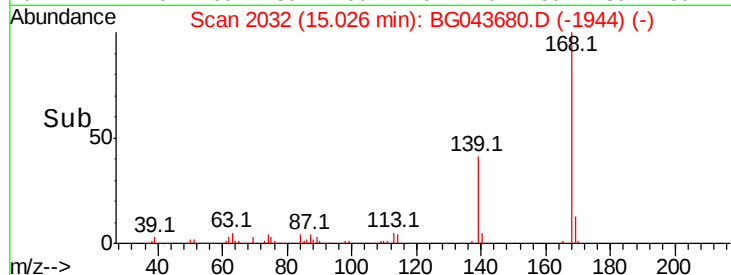
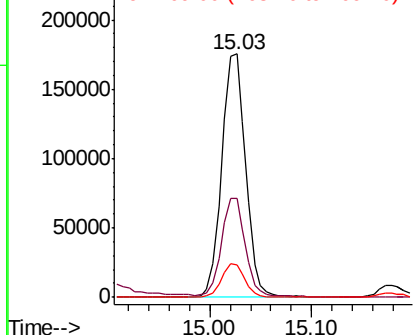


Abundance

Ion 168.00 (167.70 to 168.70): E

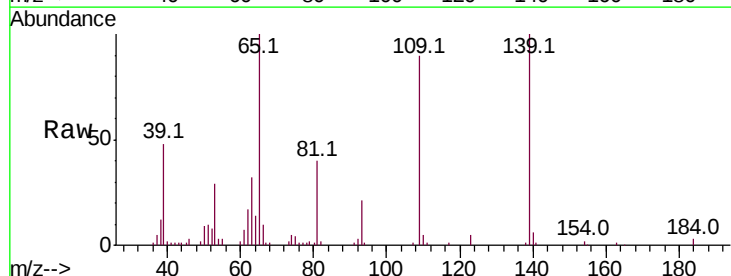
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 85.210 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.5	87.2	127.2
65	99.7	83.8	123.8

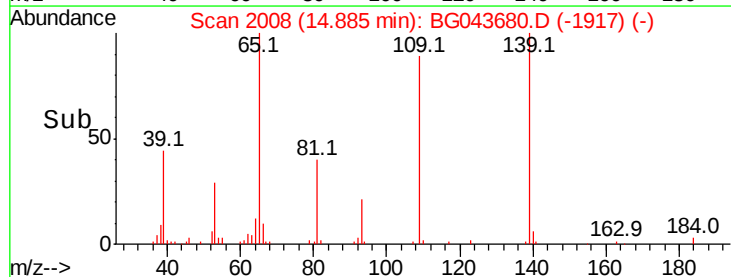
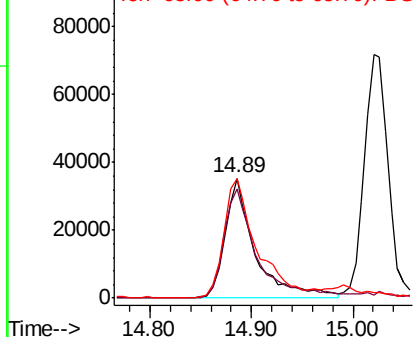


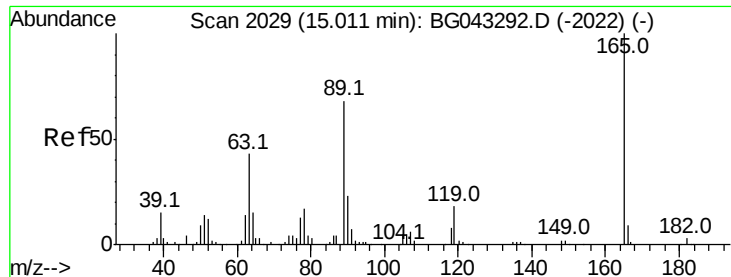
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

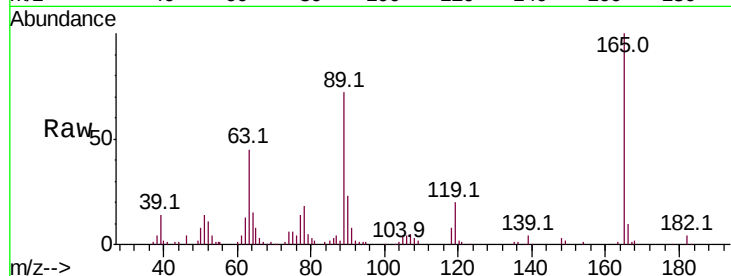




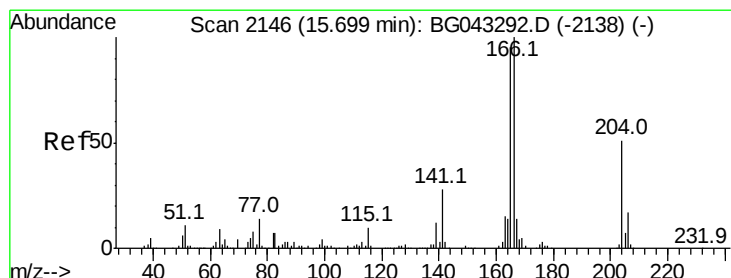
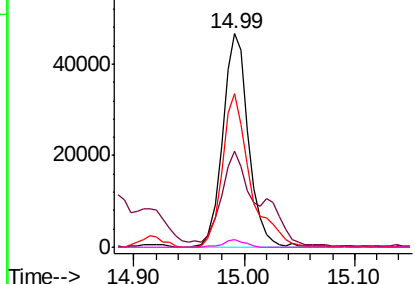
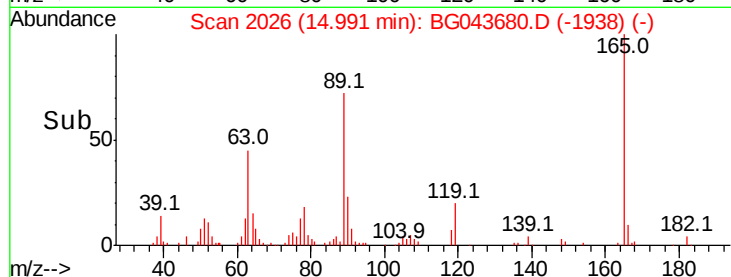
#57
2,4-Dinitrotoluene
Concen: 40.194 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 75791
Ion Ratio Lower Upper
165 100
63 45.1 33.2 49.8
89 71.9 52.2 78.4
182 3.6 2.0 3.0#

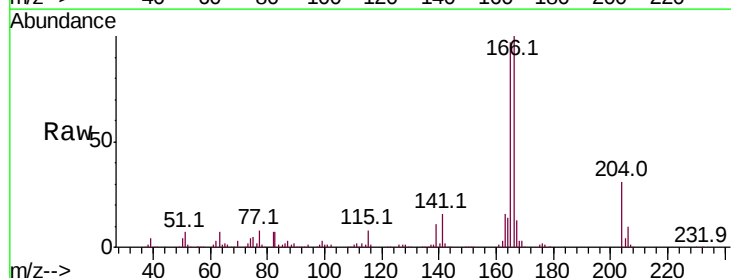


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

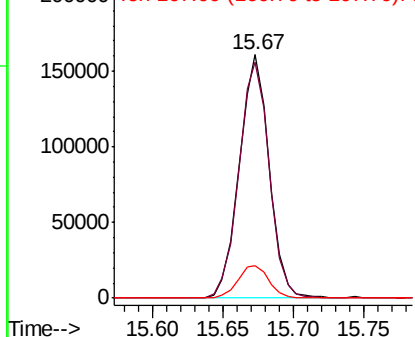
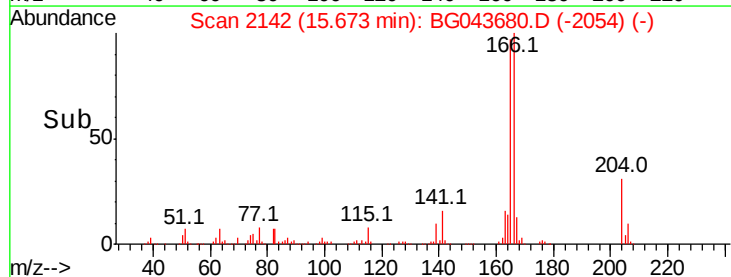


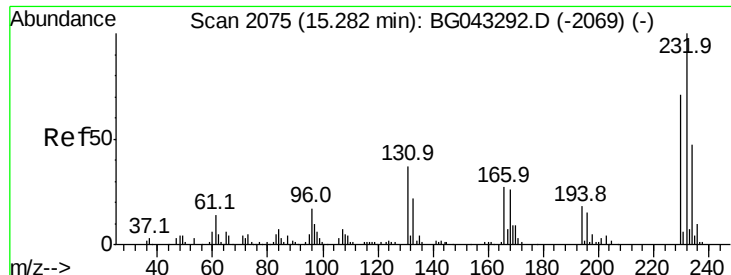
#58
Fluorene
Concen: 40.385 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion:166 Resp: 236610
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 13.4 10.5 15.7



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

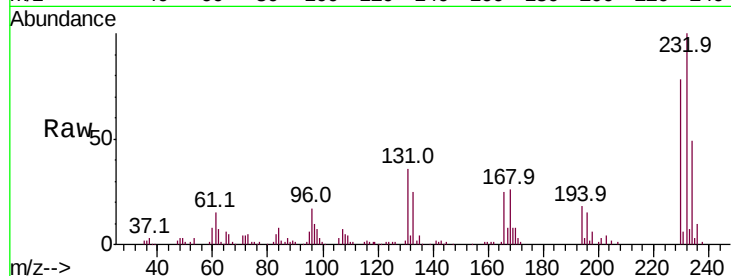




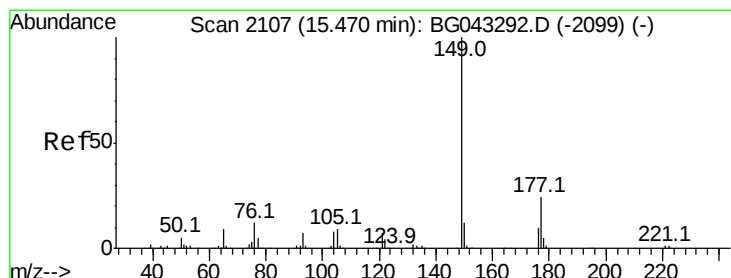
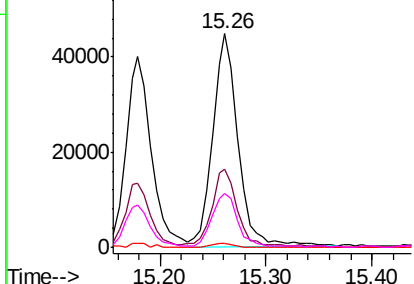
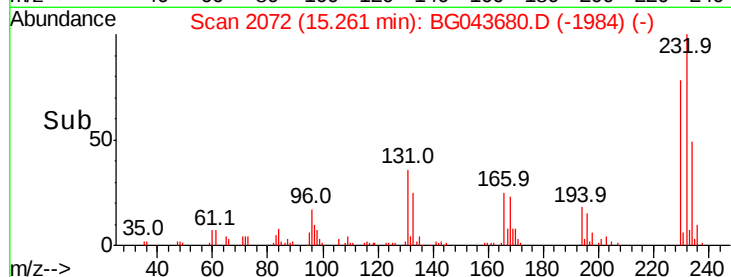
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.967 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 75199
 Ion Ratio Lower Upper
 232 100
 131 37.9 26.9 40.3
 130 1.6 1.8 2.6#
 166 24.7 20.9 31.3

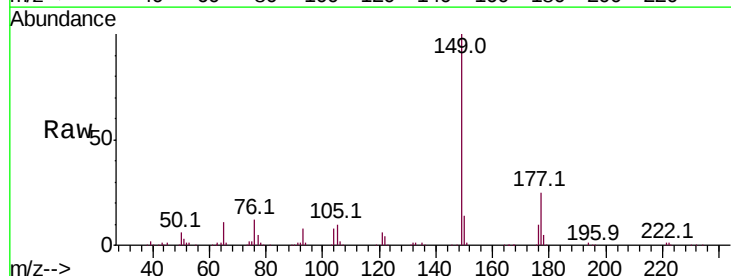


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

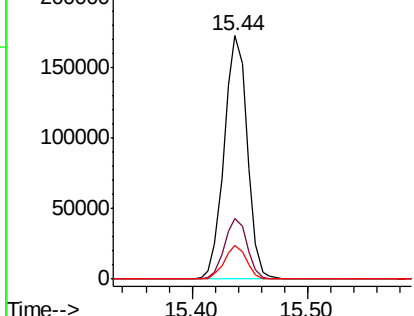
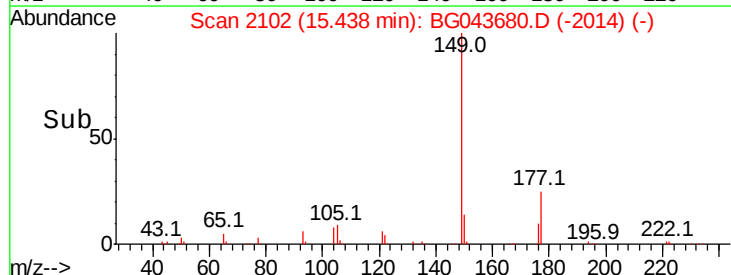


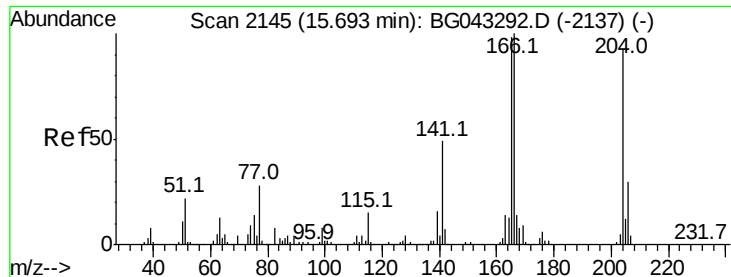
#60
 Diethylphthalate
 Concen: 39.326 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion:149 Resp: 239986
 Ion Ratio Lower Upper
 149 100
 177 25.0 19.6 29.4
 150 13.9 10.8 16.2



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



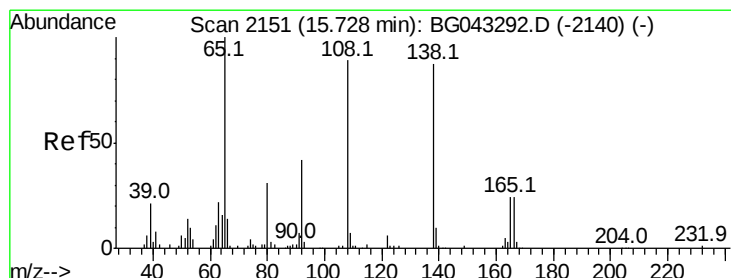
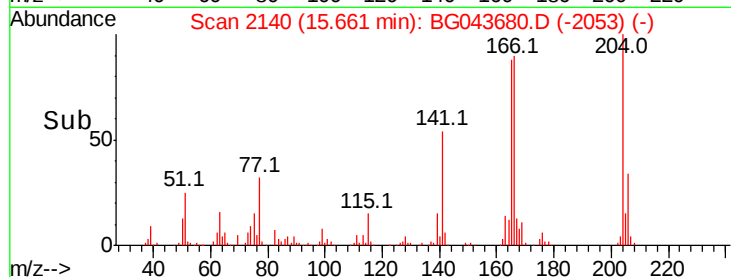
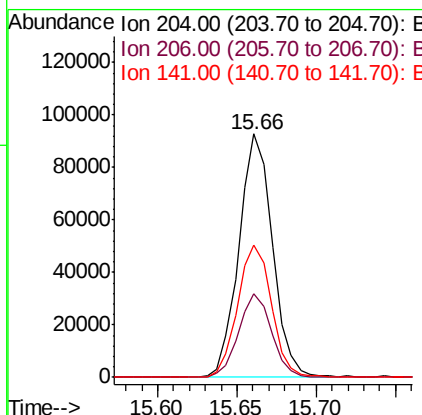
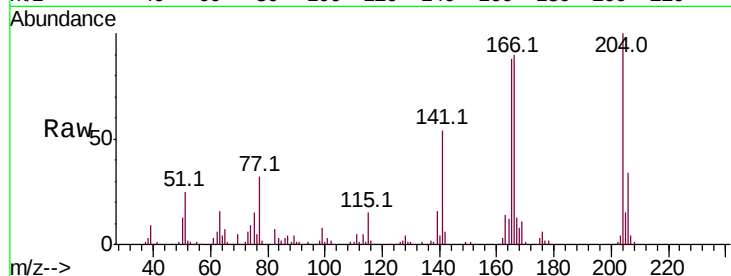


#61
 4-Chlorophenyl-phenylether
 Concen: 39.880 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 136308

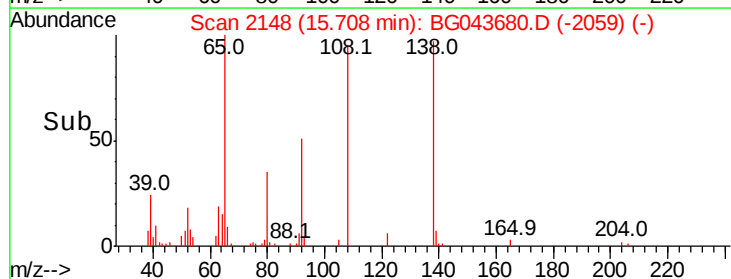
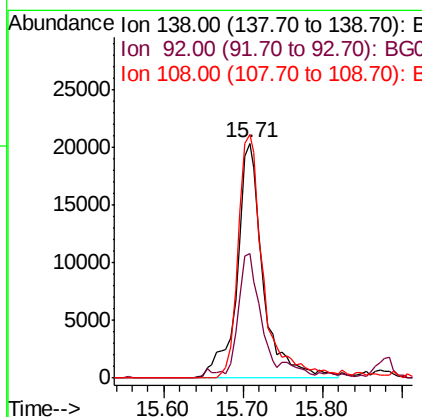
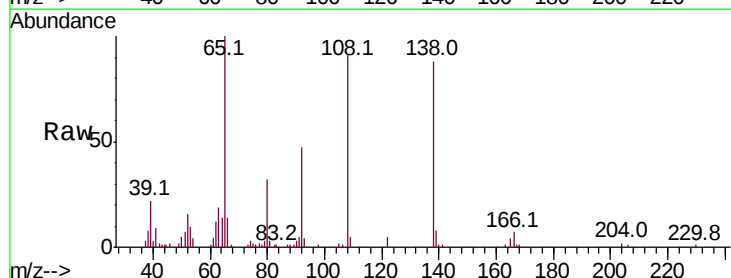
Ion	Ratio	Lower	Upper
204	100		
206	34.1	28.4	42.6
141	54.3	43.0	64.6

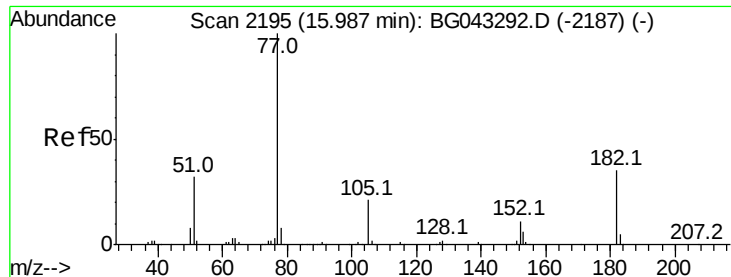


#62
 4-Nitroaniline
 Concen: 35.185 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion:138 Resp: 46289

Ion	Ratio	Lower	Upper
138	100		
92	53.1	33.4	73.4
108	103.5	78.0	118.0

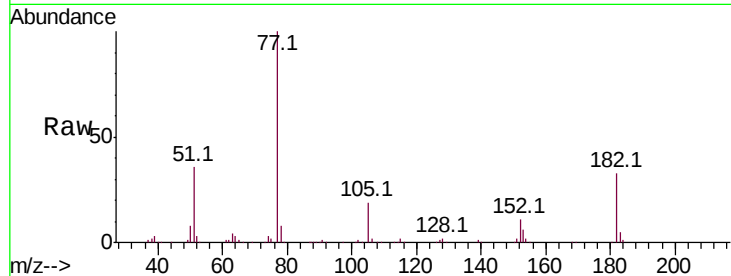




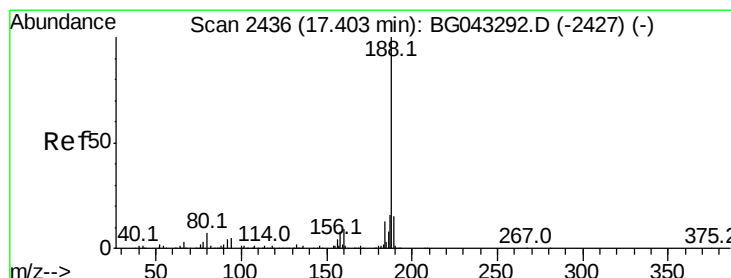
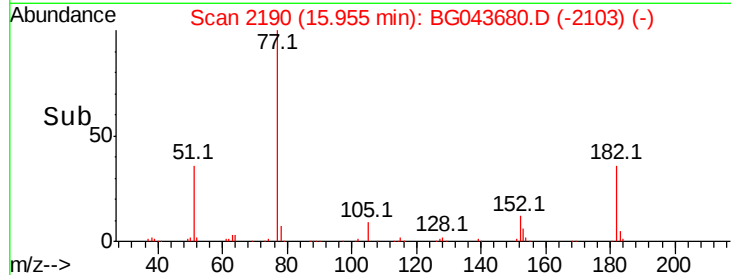
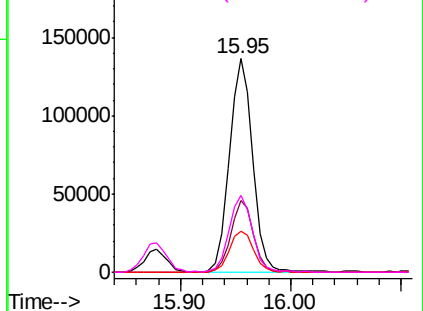
#63
Azobenzene
Concen: 40.586 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.4	13.7	53.7
105	19.3	0.4	40.4
51	35.8	11.0	51.0

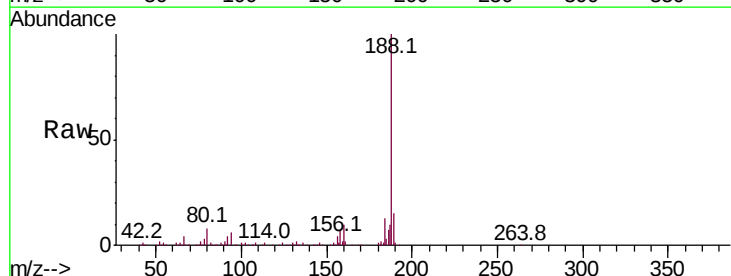


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

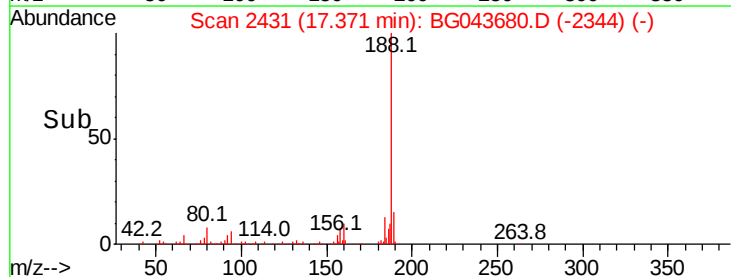
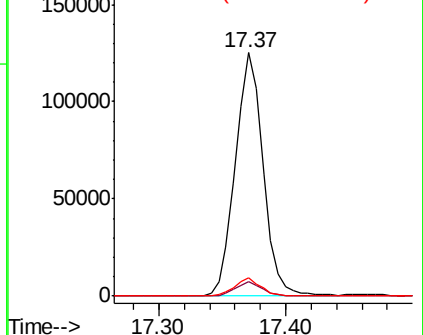


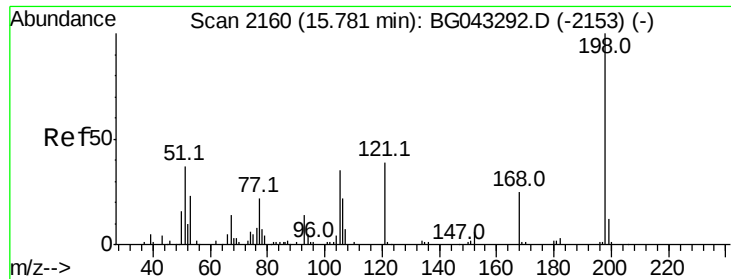
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.4
80	7.7	4.5	6.7



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.188 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

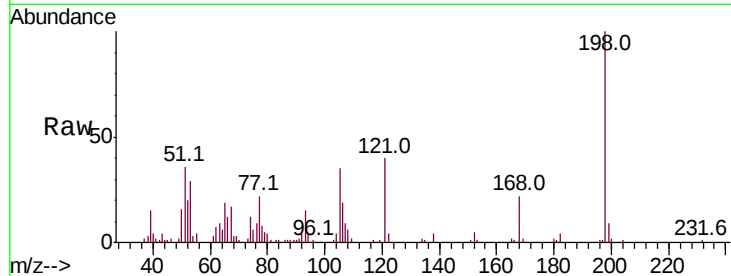
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 46089

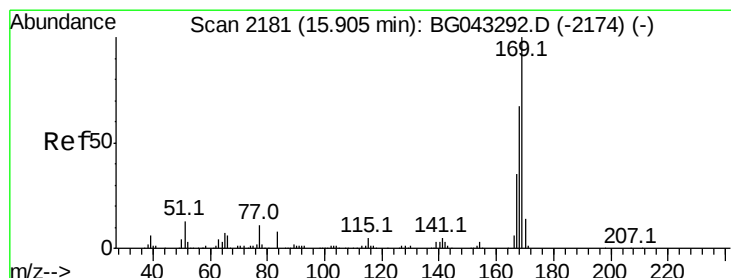
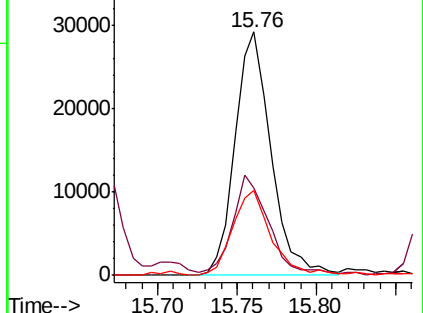
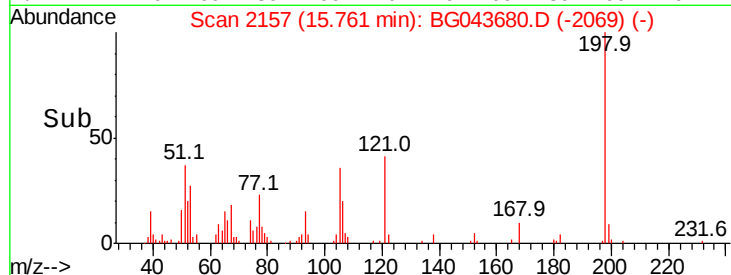
Ion	Ratio	Lower	Upper
198	100		
51	36.0	13.2	53.2
105	34.7	15.8	55.8



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: 39.560 ng

RT: 15.88 min Scan# 2177

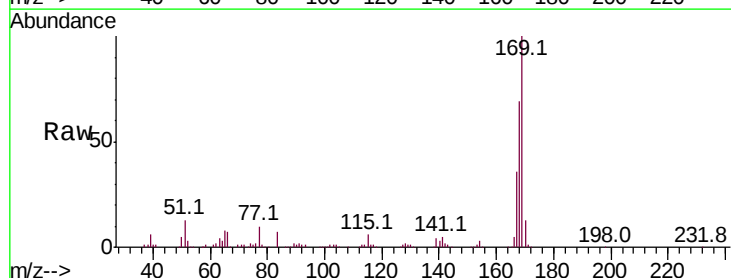
Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:169 Resp: 212364

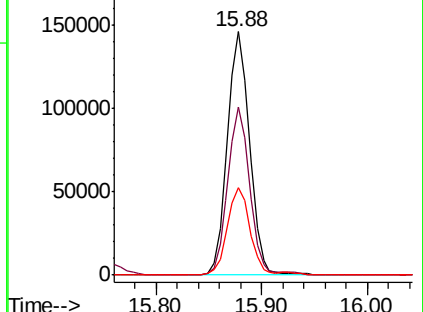
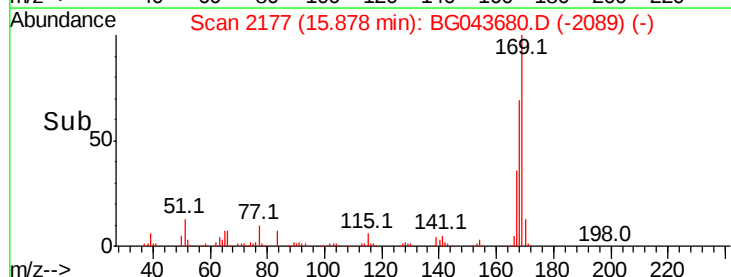
Ion	Ratio	Lower	Upper
169	100		
168	68.8	53.8	80.6
167	35.7	27.5	41.3

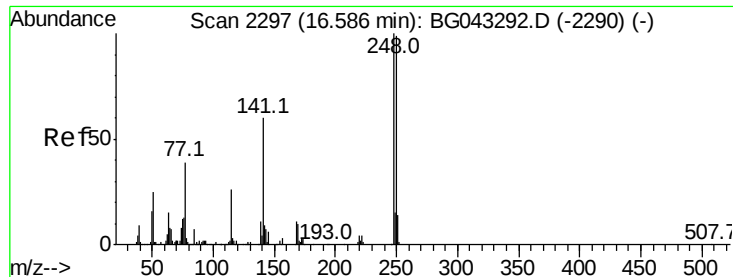


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

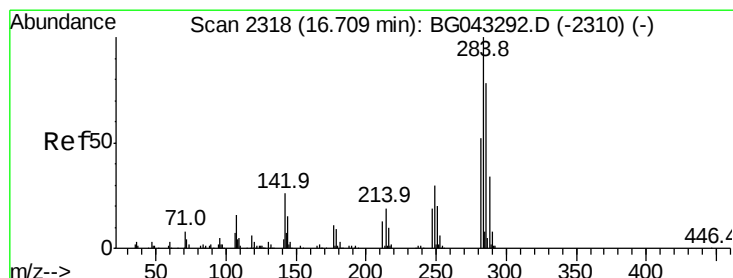
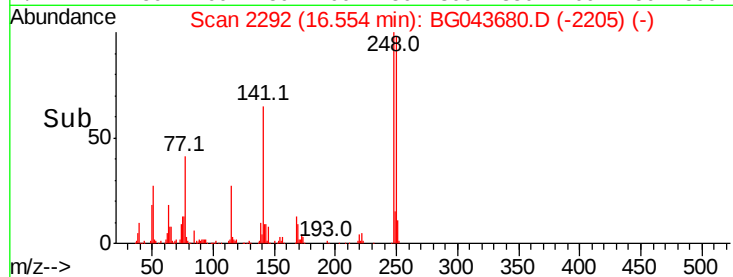
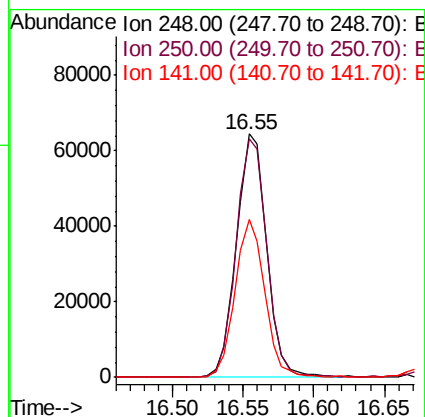
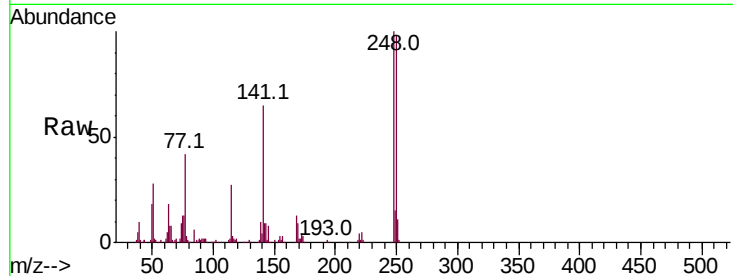




#67
4-Bromophenyl-phenylether
Concen: 37.639 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

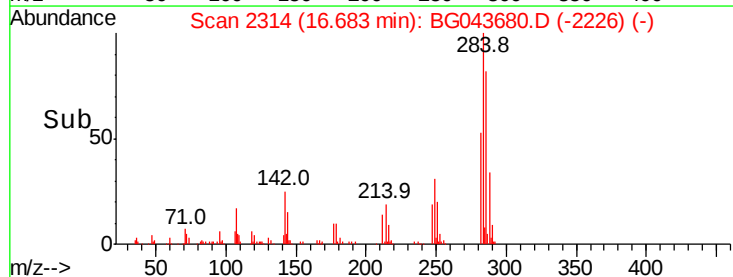
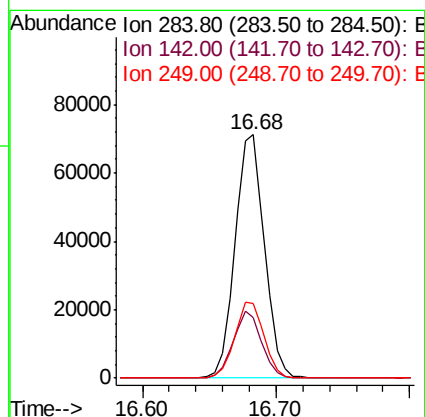
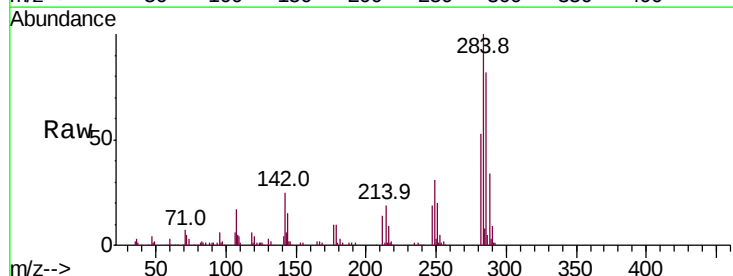
Instrument :
BNA_G
ClientSampleId :

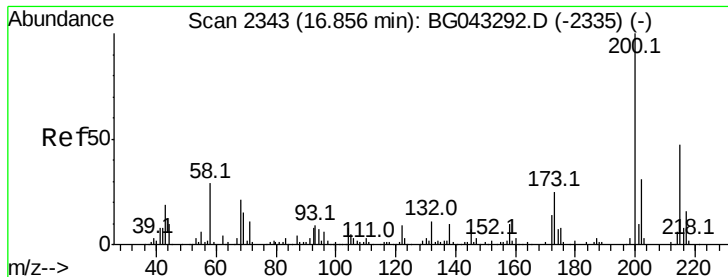
Tot Ion:248 Resp: 96313
Ion Ratio Lower Upper
248 100
250 98.2 77.0 115.4
141 64.8 47.5 71.3



#68
Hexachlorobenzene
Concen: 37.073 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion:284 Resp: 108894
Ion Ratio Lower Upper
284 100
142 24.8 19.8 29.8
249 30.7 23.8 35.6

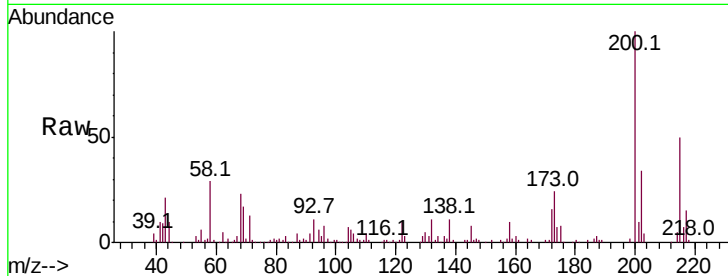




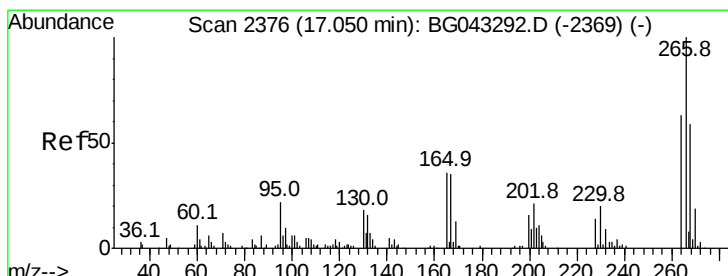
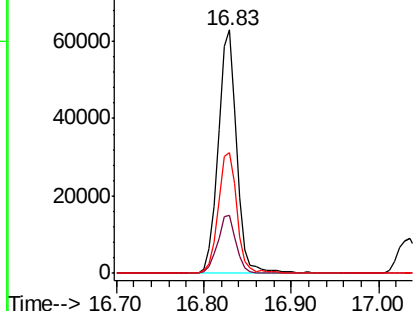
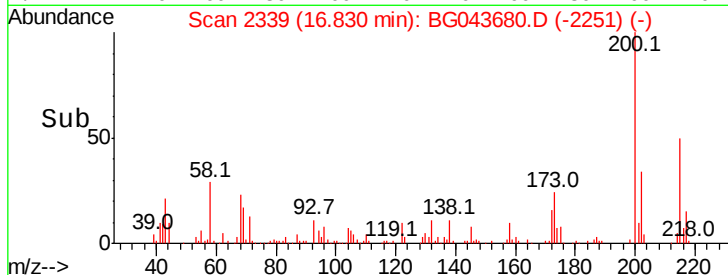
#69
 Atrazine
 Concen: 49.537 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	4.7	44.7
215	49.6	28.5	68.5

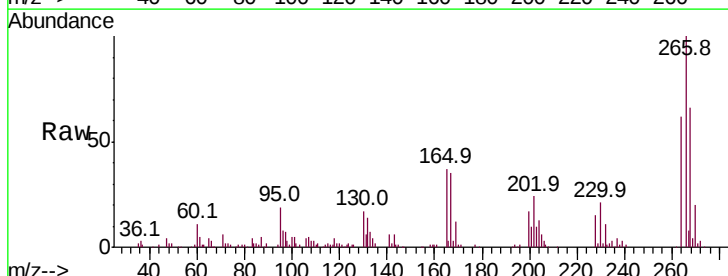


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

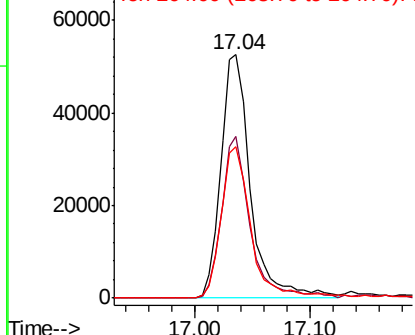
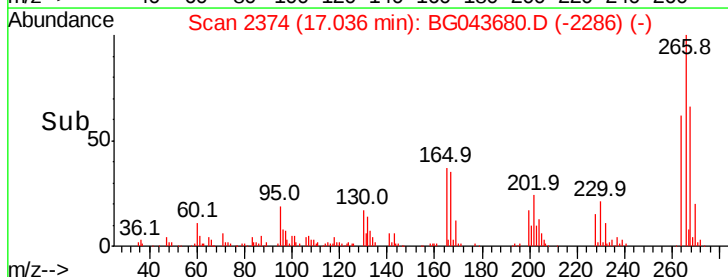


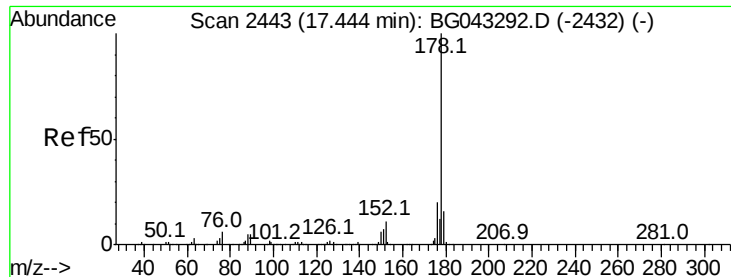
#70
 Pentachlorophenol
 Concen: 69.885 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	50.4	75.6
264	62.4	48.9	73.3



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: 39.025 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

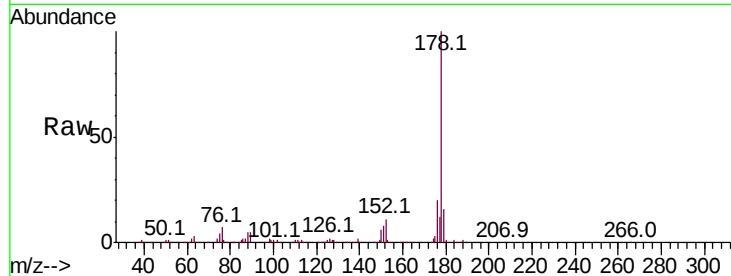
Tot Ion:178 Resp: 379972

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

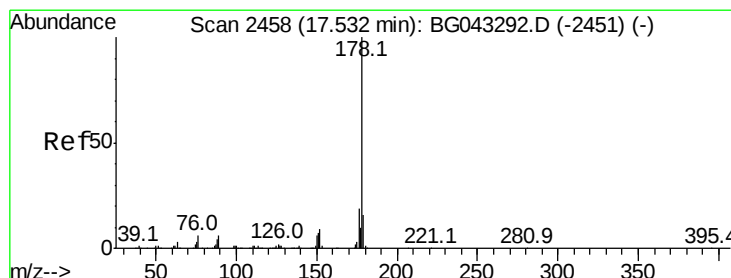
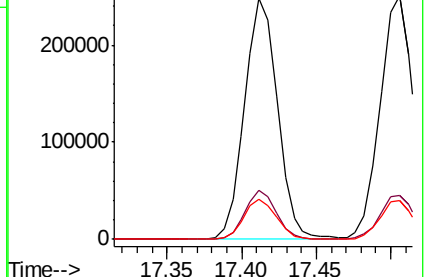
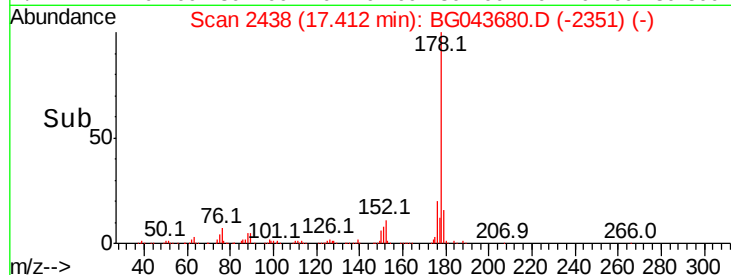
179 16.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.813 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

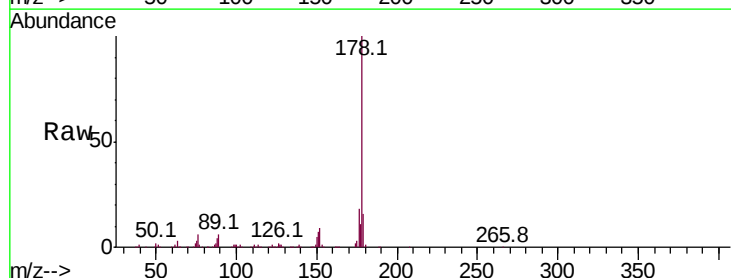
Tgt Ion:178 Resp: 397591

Ion Ratio Lower Upper

178 100

176 18.2 15.5 23.3

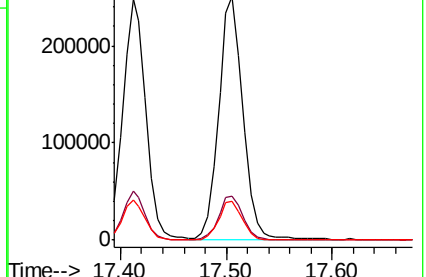
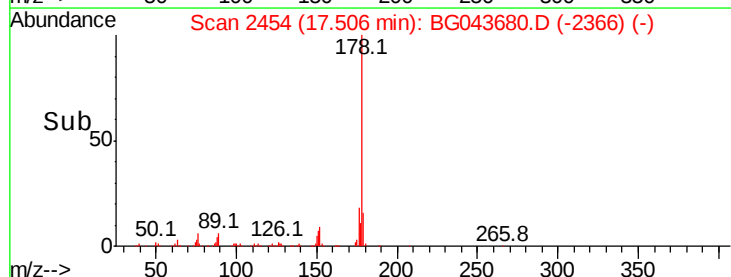
179 15.7 13.7 20.5

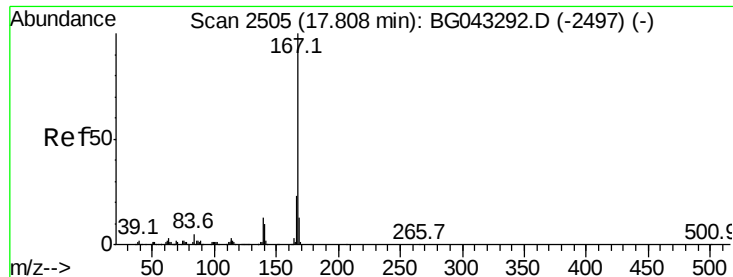


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.469 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

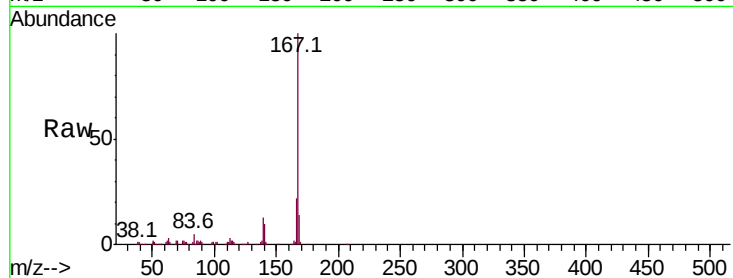
Tot Ion:167 Resp: 348190

Ion Ratio Lower Upper

167 100

166 21.7 18.7 28.1

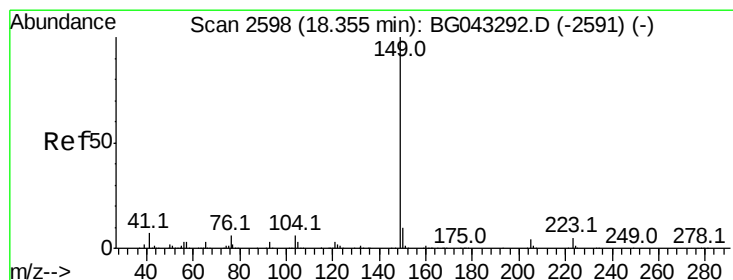
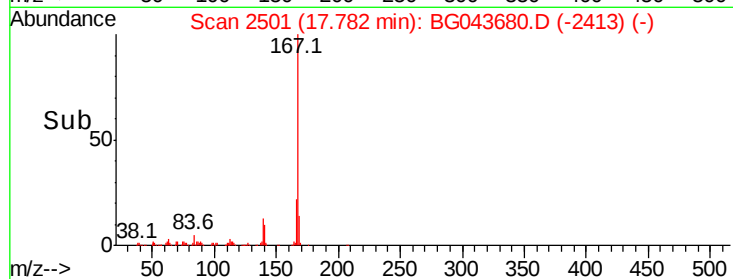
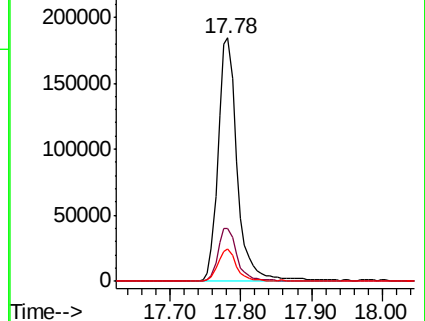
139 13.2 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.865 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

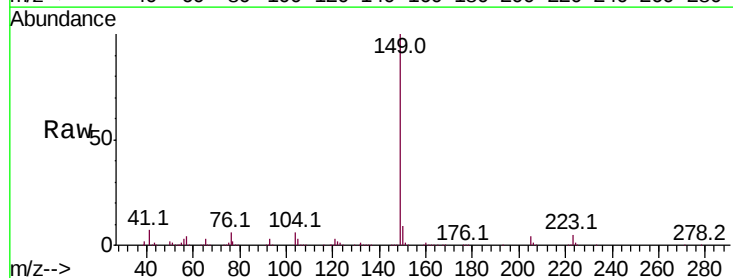
Tgt Ion:149 Resp: 416012

Ion Ratio Lower Upper

149 100

150 9.2 8.0 12.0

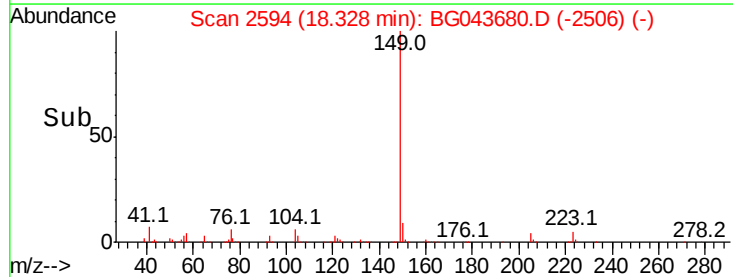
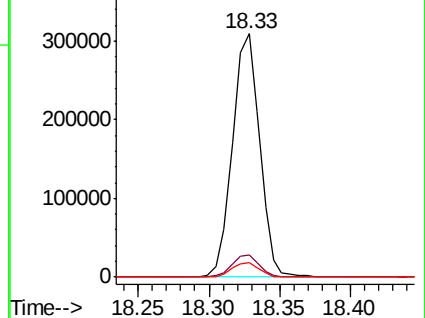
104 5.7 4.4 6.6

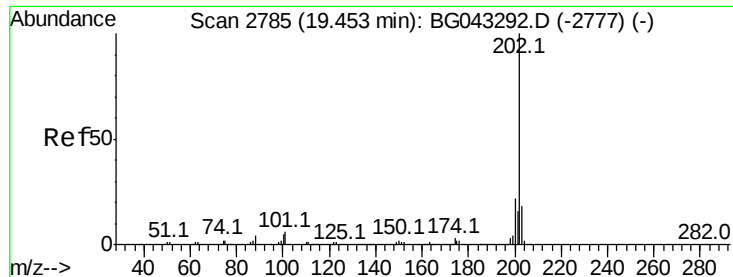


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.919 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043680.D

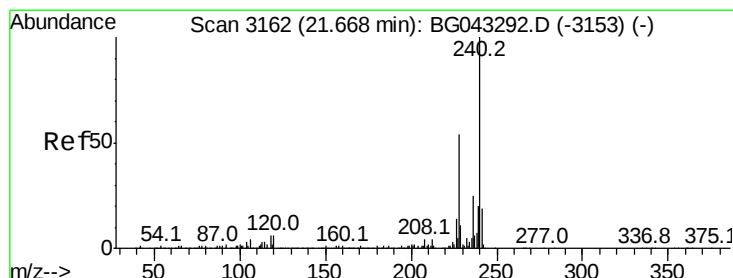
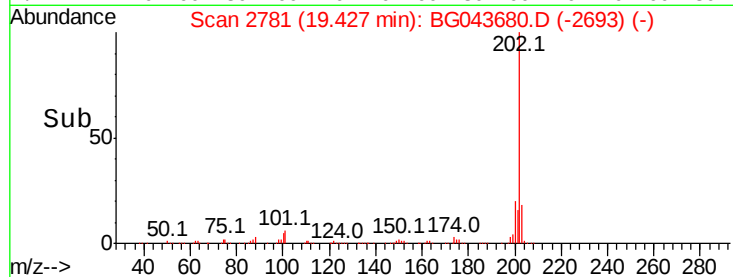
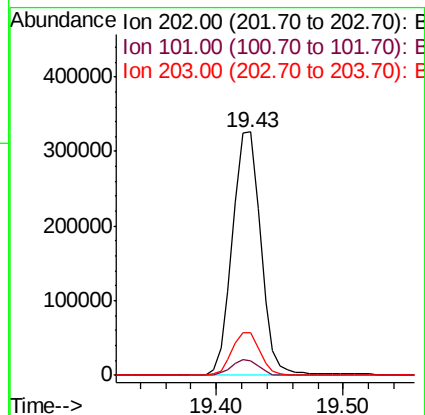
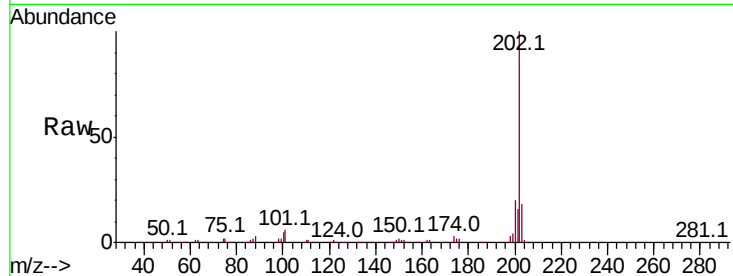
Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	506719
Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	26.3
203	17.5	0.0	37.9



#76

Chrysene-d12

Concen: 20.000 ng

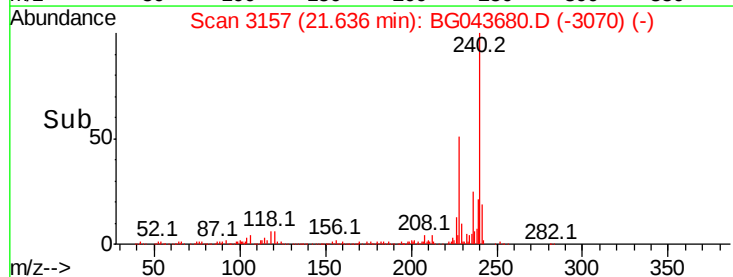
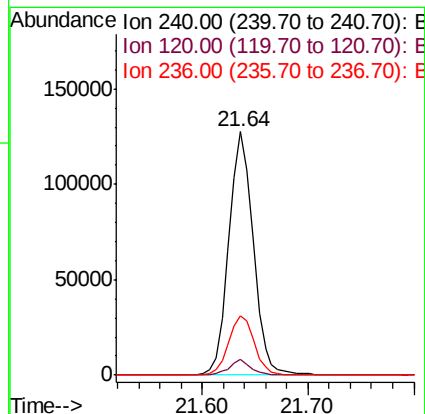
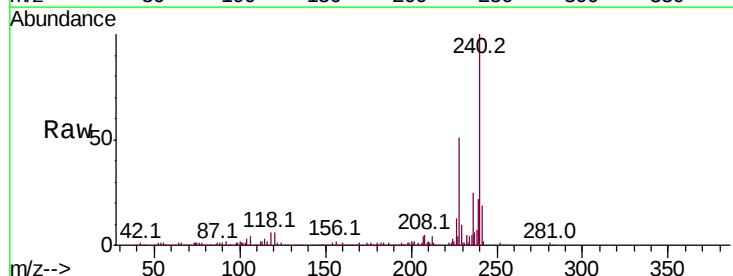
RT: 21.64 min Scan# 3157

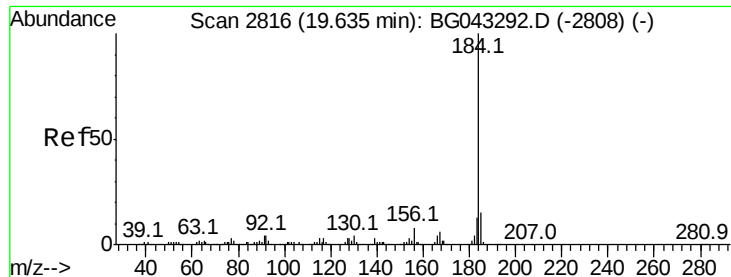
Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:	240	Resp:	204414
Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.6	6.8
236	24.6	19.8	29.8





#77

Benzidine

Concen: 13.546 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

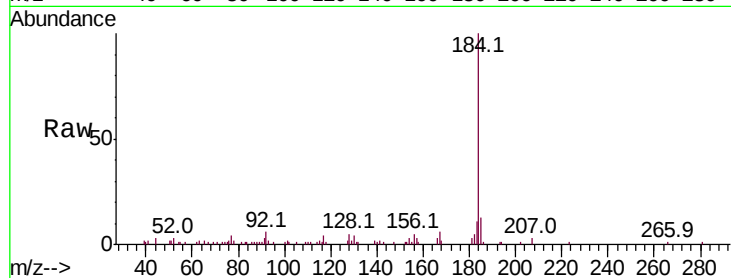
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 55725

Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.0	16.4
183	10.8	10.0	15.0

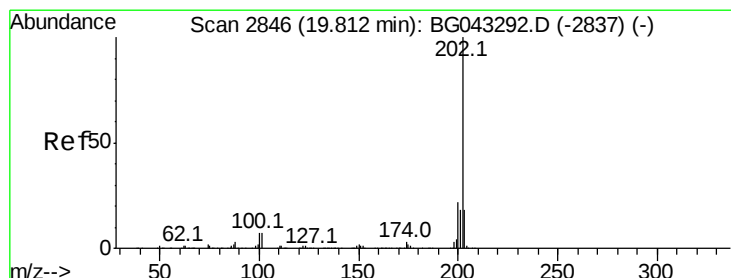
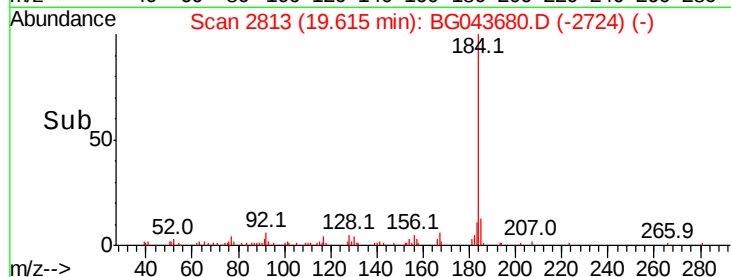
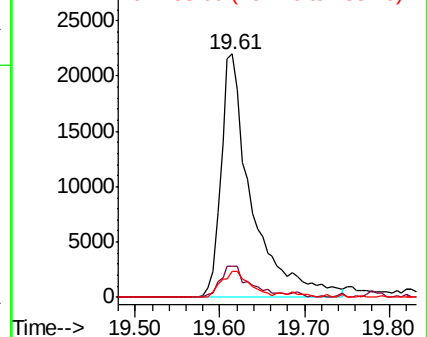


Abundance

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: 40.812 ng

RT: 19.79 min Scan# 2842

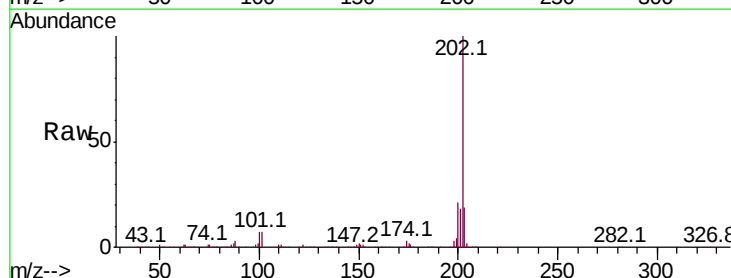
Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:202 Resp: 516389

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	18.9	14.7	22.1

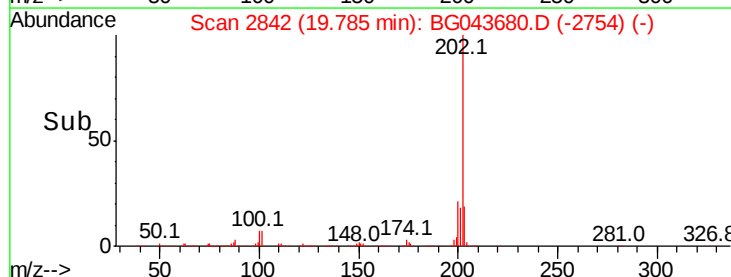
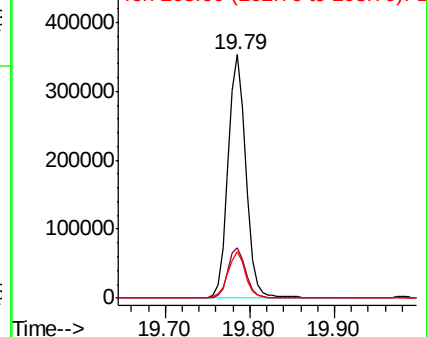


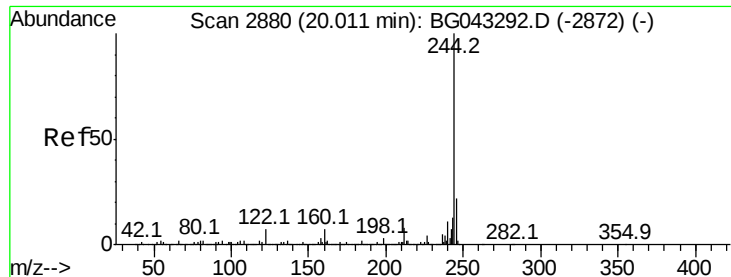
Abundance

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: 60.557 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

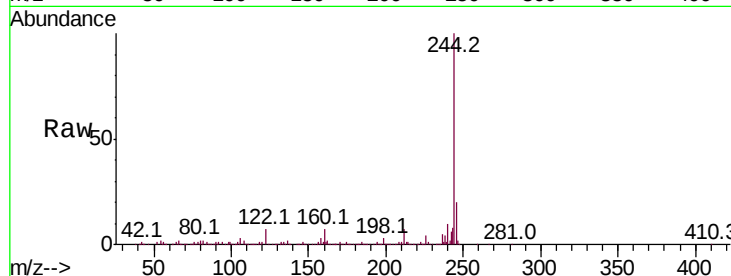
Tot Ion:244 Resp: 659829

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 6.6 5.4 8.2



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

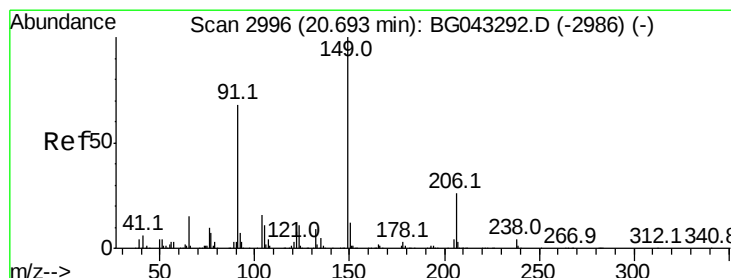
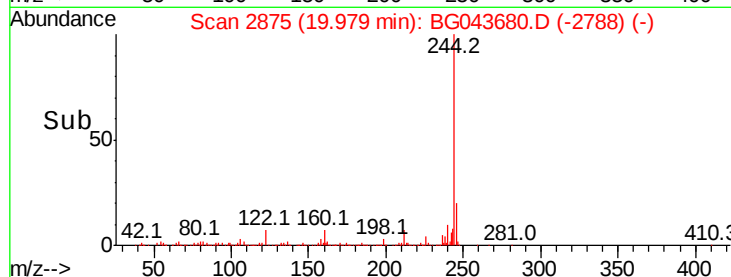
19.98

400000

200000

0

Time-->



#80

Butylbenzylphthalate

Concen: 40.433 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

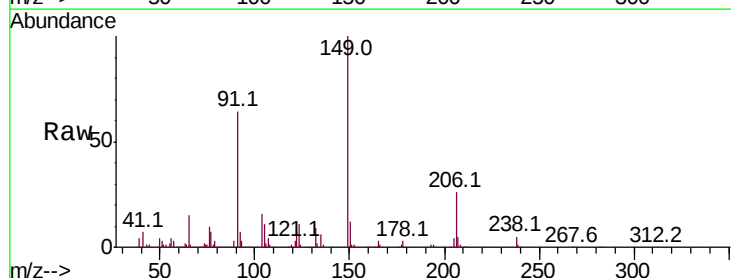
Tgt Ion:149 Resp: 193825

Ion Ratio Lower Upper

149 100

91 64.2 51.2 76.8

206 26.2 22.5 33.7



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

20.67

200000

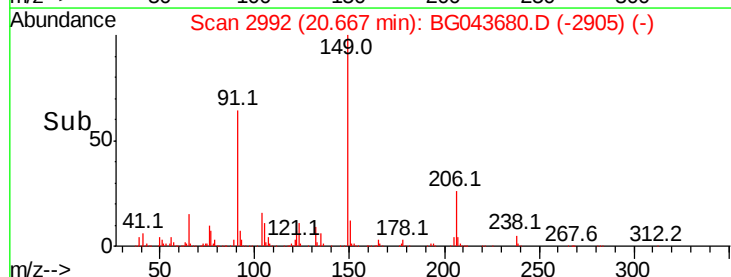
150000

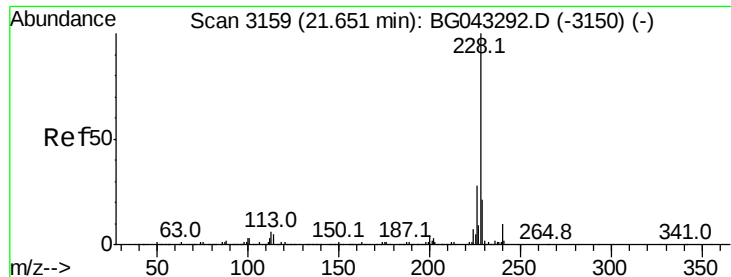
100000

50000

0

Time-->





#81

Benzo(a)anthracene

Concen: 41.141 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

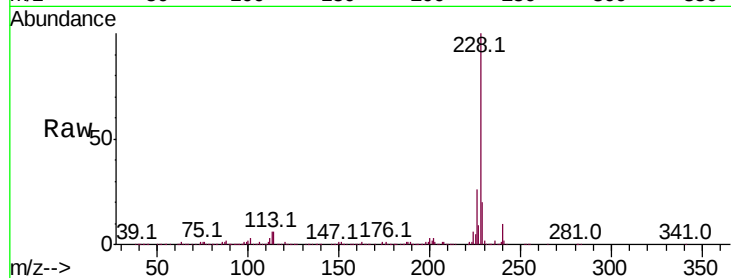
Tot Ion:228 Resp: 526788

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.2	33.2
229	19.9	17.0	25.4

228 100

226 26.3 22.2 33.2

229 19.9 17.0 25.4

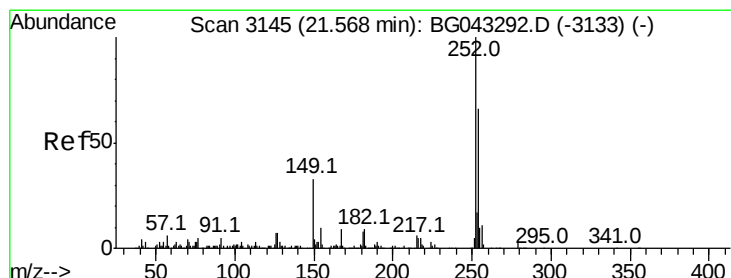
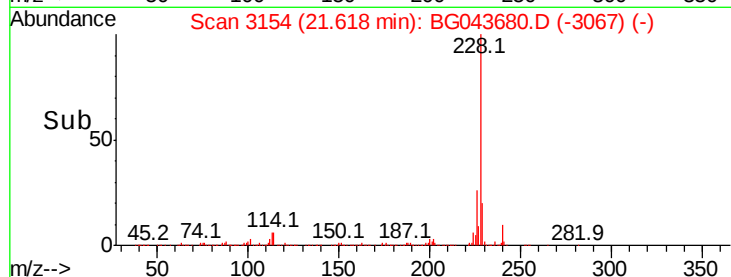
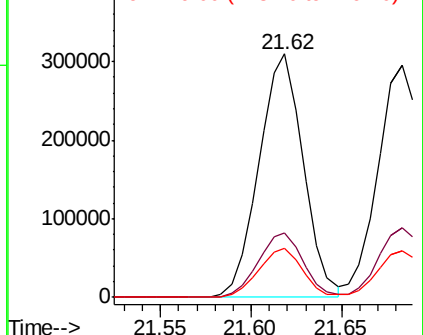


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.232 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

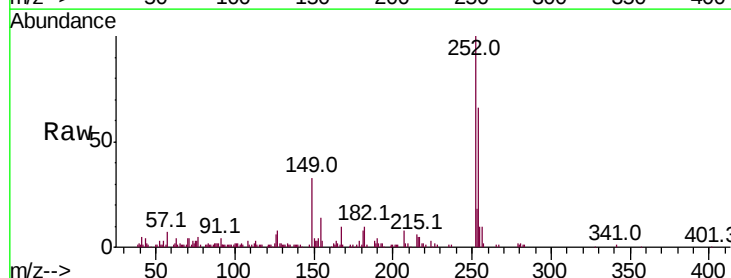
Tgt Ion:252 Resp: 80388

Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.8	76.2
126	6.3	6.1	9.1

252 100

254 65.7 50.8 76.2

126 6.3 6.1 9.1

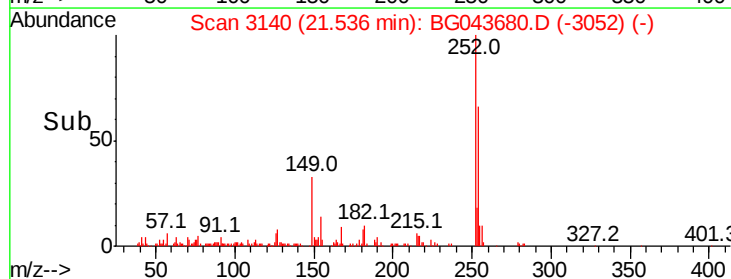
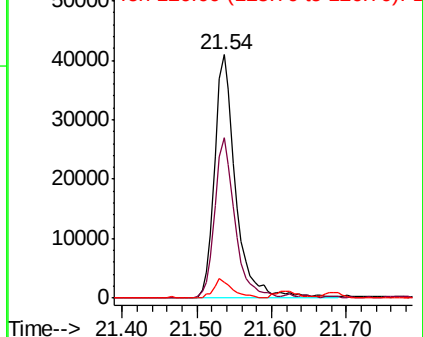


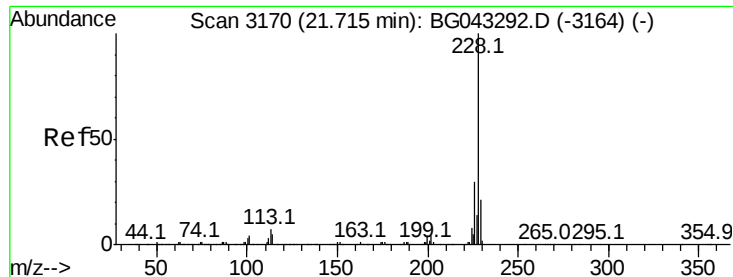
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.374 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

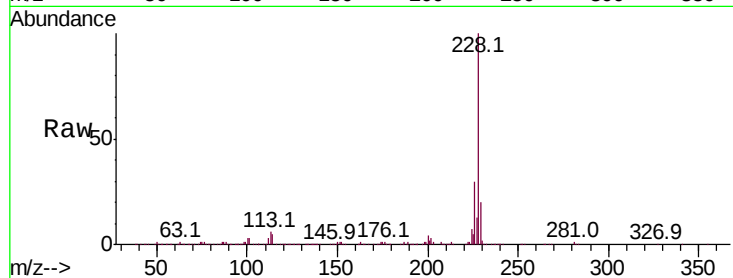
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 513647

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.1	37.7
229	19.9	17.0	25.4

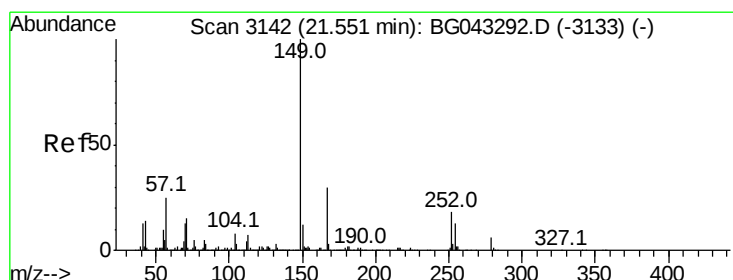
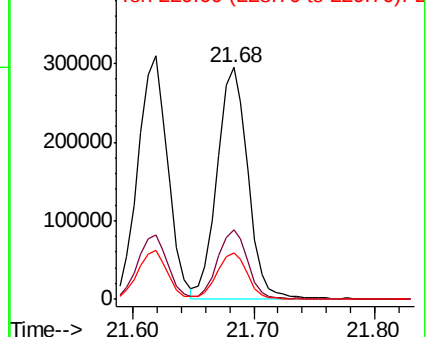
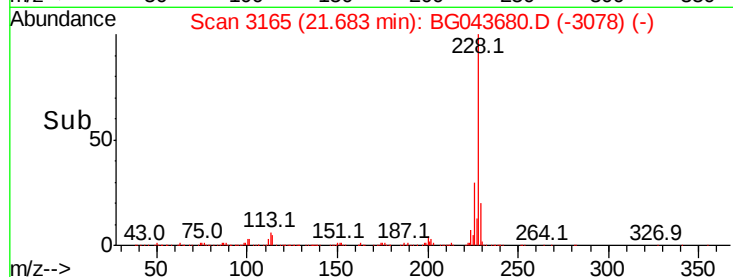


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.359 ng

RT: 21.52 min Scan# 3137

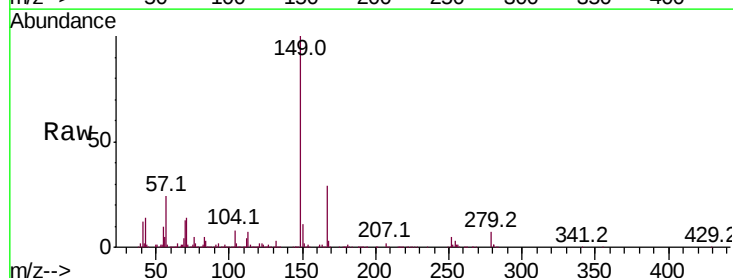
Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:149 Resp: 288444

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.0	36.0
279	6.5	5.4	8.2

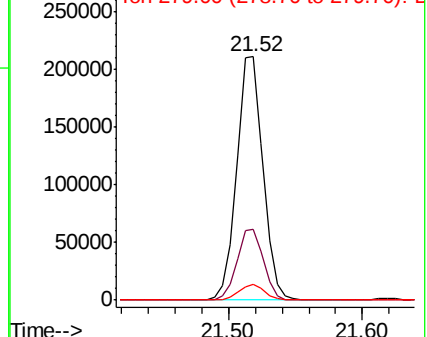
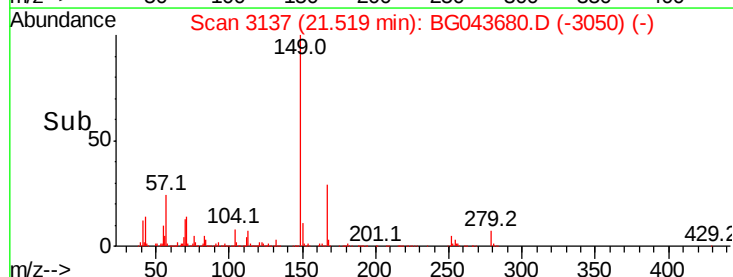


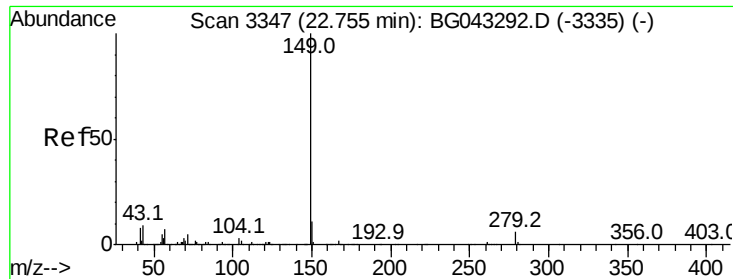
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.418 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

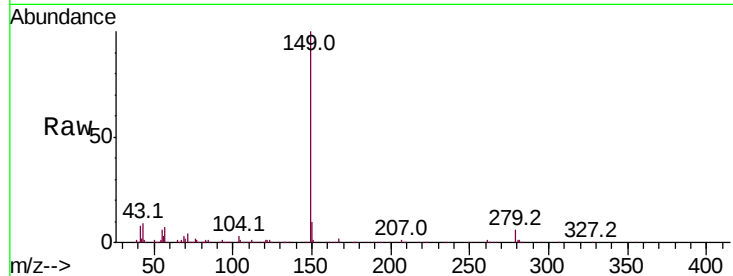
Tot Ion:149 Resp: 490052

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

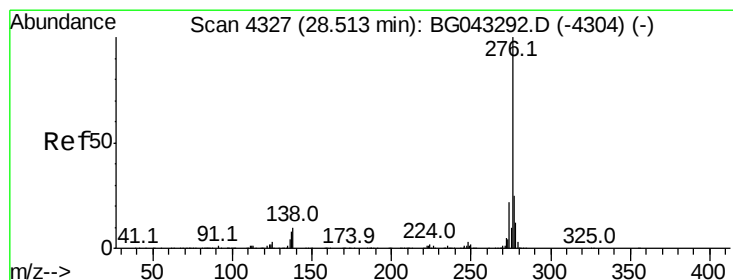
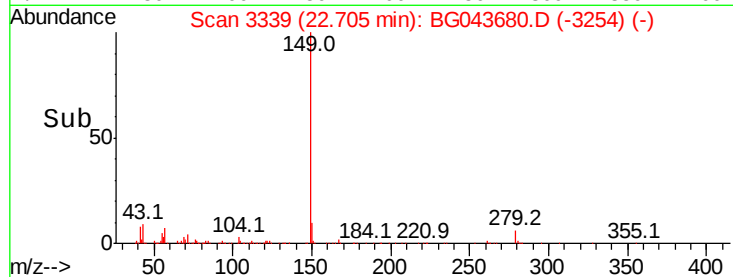
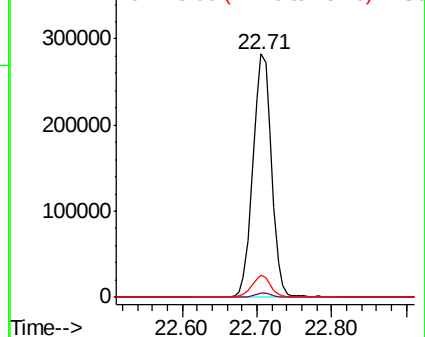
43 8.6 7.0 10.6



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: 41.798 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.06 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

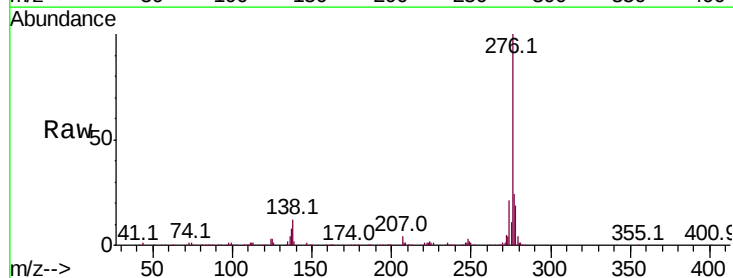
Tgt Ion:276 Resp: 667493

Ion Ratio Lower Upper

276 100

138 7.9 6.8 10.2

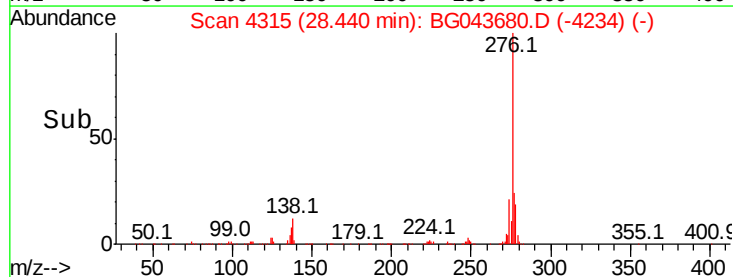
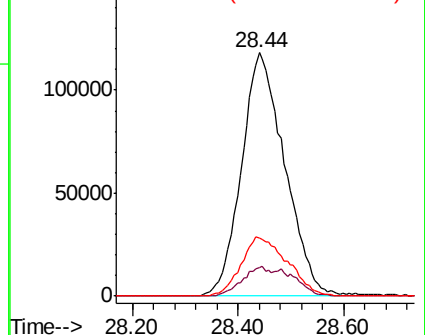
277 26.1 20.9 31.3

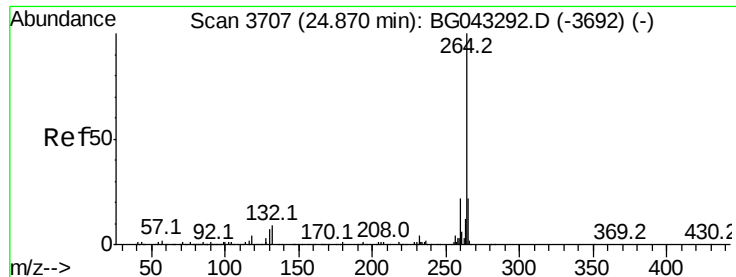


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

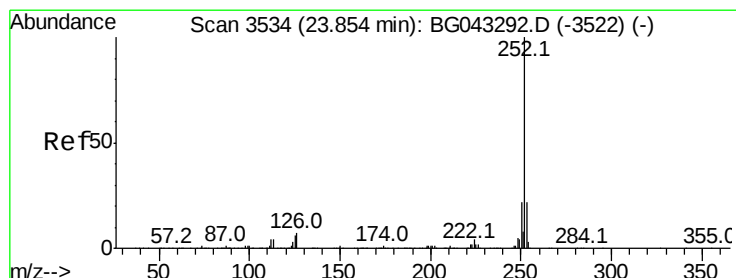
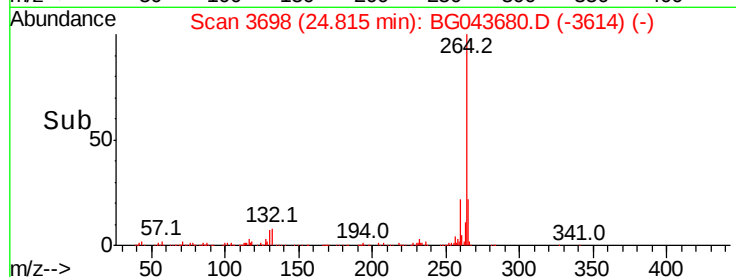
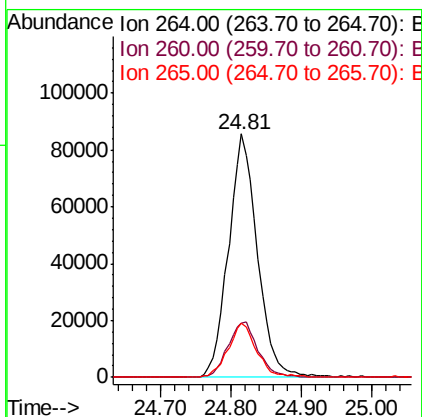
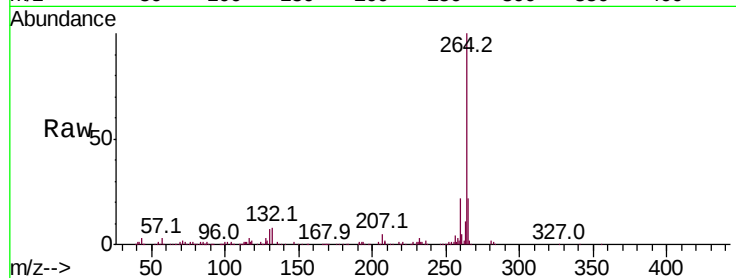




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

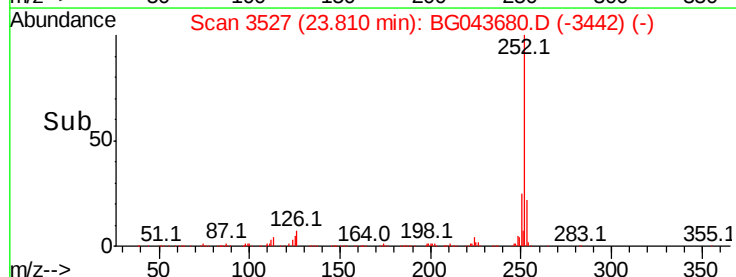
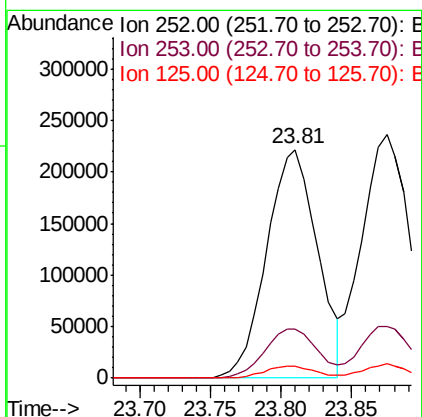
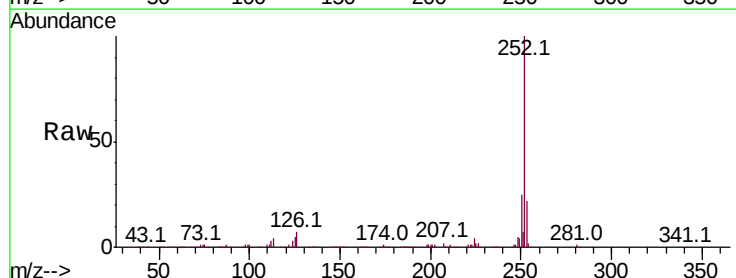
Instrument :
BNA_G
ClientSampleId :

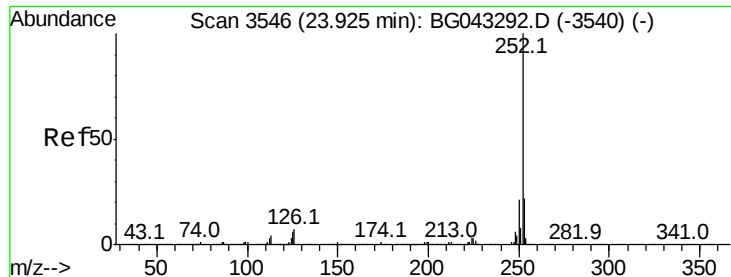
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	22.2	17.4	26.0



#88
Benzo(b)fluoranthene
Concen: 40.482 ng
RT: 23.81 min Scan# 3527
Delta R.T. -0.03 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	5.3	4.5	6.7

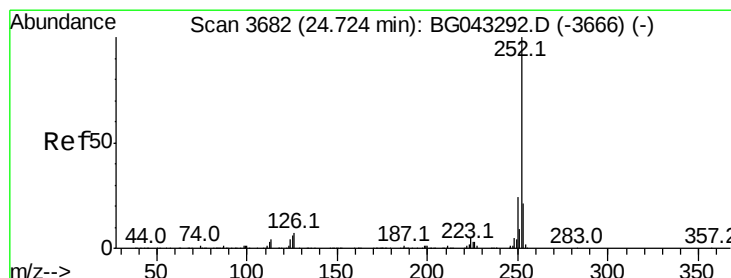
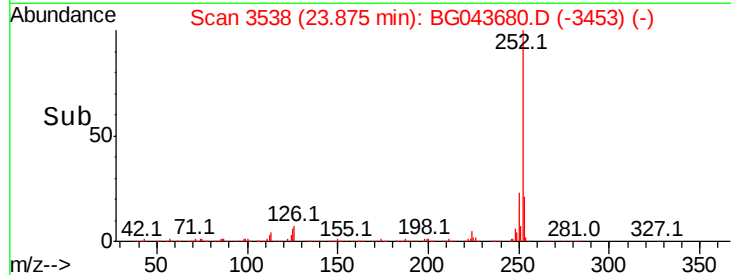
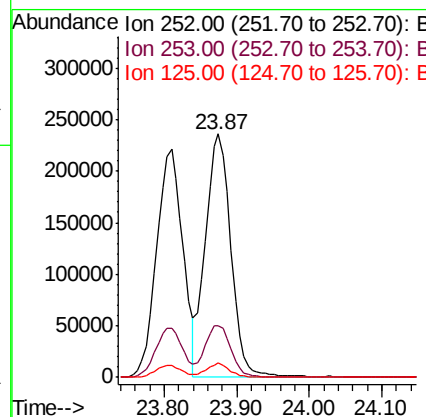
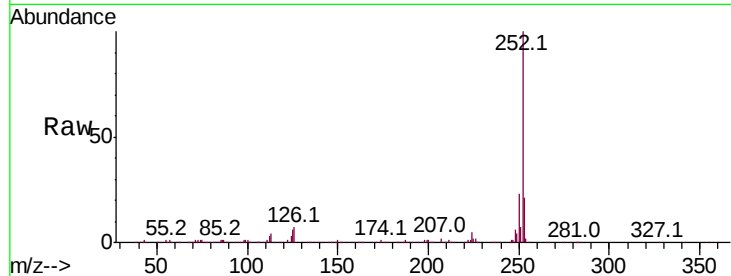




#89
Benzo(k)fluoranthene
Concen: 41.449 ng
RT: 23.87 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

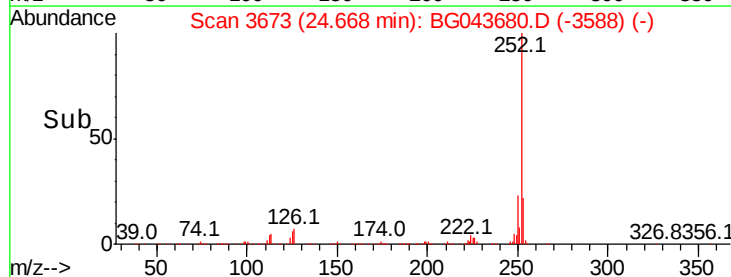
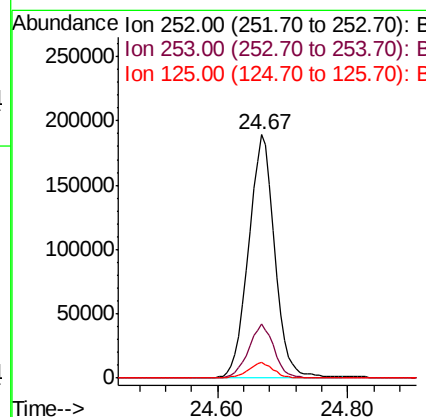
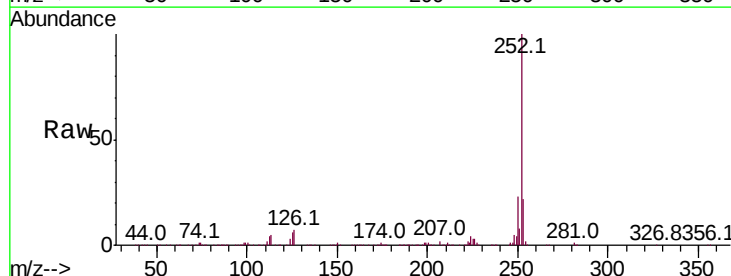
Instrument :
BNA_G
ClientSampleId :

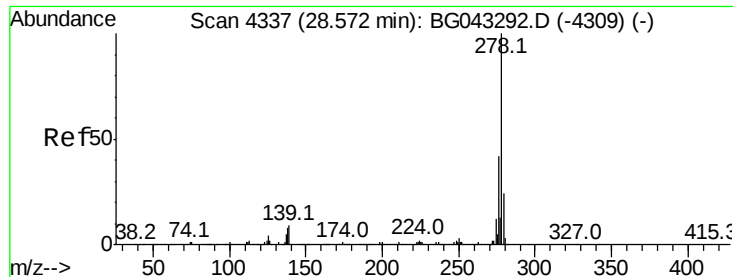
Tot Ion:252 Resp: 574055
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 6.0 4.6 6.8



#90
Benzo(a)pyrene
Concen: 40.052 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion:252 Resp: 526178
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 6.5 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 42.289 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.06 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

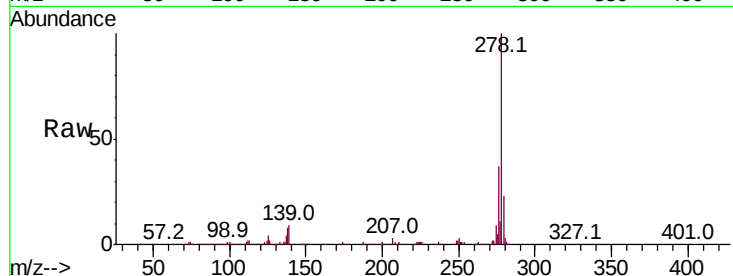
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 568259

Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.4	11.0
279	23.5	19.1	28.7

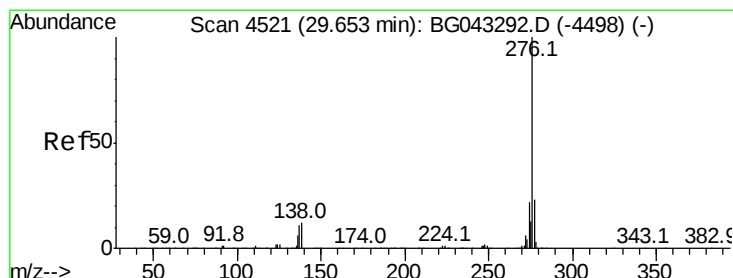
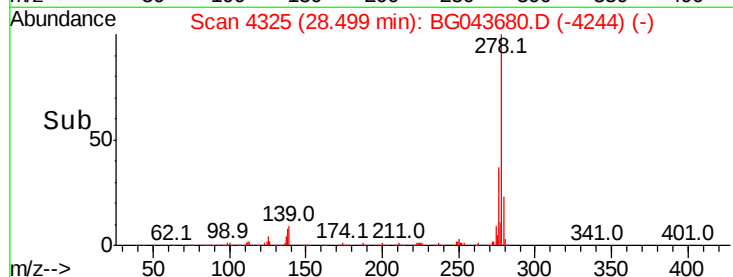
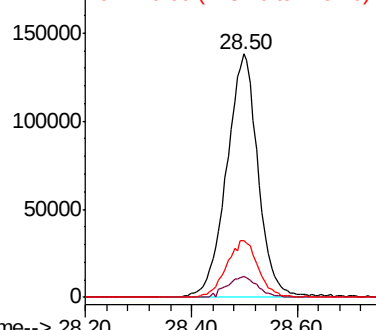


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.832 ng

RT: 29.58 min Scan# 4509

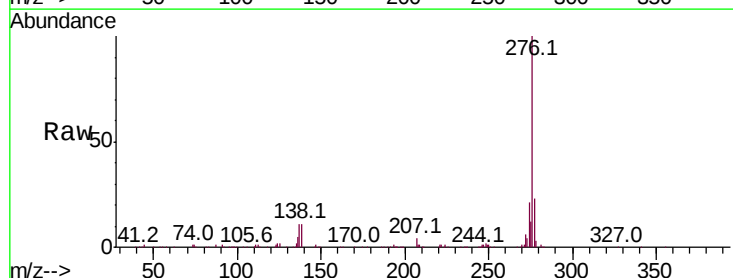
Delta R.T. -0.05 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:276 Resp: 567727

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	10.7	8.9	13.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

