

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042778.D
 Acq On : 12 Sep 2019 11:48
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 12:43:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 12:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	80752	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	329003	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	227085	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	519320	20.00	ng	0.00
76) Chrysene-d12	21.77	240	502871	20.00	ng	0.00
87) Perylene-d12	25.04	264	574151	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	561124	119.57	ng	0.00
7) Phenol-d6	7.27	99	812444	121.72	ng	0.00
23) Nitrobenzene-d5	9.28	82	792119	145.74	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	370595	128.90	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1686296	117.34	ng	0.00
79) Terphenyl-d14	20.09	244	2635542	115.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	127219	59.603	ng	98
3) Pyridine	3.99	79	396596	61.508	ng	97
4) n-Nitrosodimethylamine	3.90	42	194803	61.429	ng	99
6) Aniline	7.44	93	543811	59.814	ng	98
8) 2-Chlorophenol	7.68	128	303351	61.068	ng	94
9) Benzaldehyde	7.26	77	226338	54.743	ng	93
10) Phenol	7.30	94	415582	61.283	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	313290	59.780	ng	98
12) 1,3-Dichlorobenzene	8.01	146	366078	59.675	ng	97
13) 1,4-Dichlorobenzene	8.16	146	369997	60.411	ng	98
14) 1,2-Dichlorobenzene	8.48	146	351617	60.486	ng	98
15) Benzyl Alcohol	8.35	79	351011	61.331	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	688901	58.495	ng	99
17) 2-Methylphenol	8.55	107	279555	60.623	ng	97
18) Hexachloroethane	9.22	117	135918	60.623	ng	94
19) n-Nitroso-di-n-propylamine	8.94	70	297900	60.689	ng	98
20) 3+4-Methylphenols	8.88	107	386304	61.457	ng	97
22) Acetophenone	8.94	105	494384	59.191	ng	# 98
24) Nitrobenzene	9.32	77	412861	70.274	ng	99
25) Isophorone	9.85	82	789444	60.189	ng	97
26) 2-Nitrophenol	10.04	139	168243	79.329	ng	91
27) 2,4-Dimethylphenol	10.09	122	280653	61.408	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	444450	60.441	ng	97
29) 2,4-Dichlorophenol	10.57	162	330337	63.155	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	395946	60.957	ng	100
31) Naphthalene	10.99	128	974130	60.515	ng	100
32) Benzoic acid	10.24	122	230828	77.758	ng	99
33) 4-Chloroaniline	11.08	127	459293	60.147	ng	98
34) Hexachlorobutadiene	11.28	225	275231	60.386	ng	97
35) Caprolactam	11.86	113	125758	63.920	ng	# 89
36) 4-Chloro-3-methylphenol	12.19	107	350804	61.605	ng	97
37) 2-Methylnaphthalene	12.58	142	731311	60.370	ng	98
38) 1-Methylnaphthalene	12.80	142	687834	60.754	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	449408	59.728	ng	99

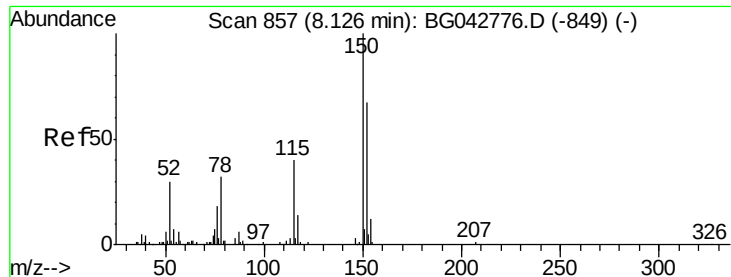
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	279453	64.188	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	303215	63.938	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	313702	63.838	ng	99
46) 1,1'-Biphenyl	13.58	154	953520	60.441	ng	98
47) 2-Chloronaphthalene	13.62	162	780721	59.676	ng	97
48) 2-Nitroaniline	13.81	65	293240	78.702	ng	97
49) Acenaphthylene	14.47	152	1202191	59.608	ng	98
50) Dimethylphthalate	14.19	163	1006109	59.329	ng	98
51) 2,6-Dinitrotoluene	14.31	165	218800	75.159	ng	97
52) Acenaphthene	14.81	154	788825	61.164	ng	98
53) 3-Nitroaniline	14.64	138	240451	71.029	ng	95
54) 2,4-Dinitrophenol	14.84	184	111600	78.317	ng	# 78
55) Dibenzofuran	15.14	168	1154551	59.256	ng	96
56) 4-Nitrophenol	14.92	139	185942	69.030	ng	98
57) 2,4-Dinitrotoluene	15.09	165	295440	80.057	ng	# 97
58) Fluorene	15.79	166	970259	60.116	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	303157	63.558	ng	99
60) Diethylphthalate	15.56	149	1023245	59.302	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	570946	59.942	ng	96
62) 4-Nitroaniline	15.80	138	254861	66.067	ng	94
63) Azobenzene	16.07	77	980158	58.874	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	147348	82.412	ng	93
66) n-Nitrosodiphenylamine	15.99	169	857831	61.036	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	384421	61.126	ng	99
68) Hexachlorobenzene	16.80	284	411000	61.778	ng	97
69) Atrazine	16.93	200	234295	51.938	ng	97
70) Pentachlorophenol	17.13	266	251943	67.308	ng	97
71) Phenanthrene	17.53	178	1503203	60.222	ng	98
72) Anthracene	17.62	178	1492116	59.753	ng	97
73) Carbazole	17.88	167	1406968	58.765	ng	96
74) Di-n-butylphthalate	18.45	149	1673578	58.378	ng	98
75) Fluoranthene	19.53	202	1895929	57.325	ng	96
77) Benzidine	19.70	184	777448	52.066	ng	97
78) Pyrene	19.89	202	1890944	60.273	ng	96
80) Butylbenzylphthalate	20.78	149	773814	61.829	ng	97
81) Benzo(a)anthracene	21.74	228	1913804	59.720	ng	96
82) 3,3'-Dichlorobenzidine	21.66	252	757696	60.711	ng	100
83) Chrysene	21.82	228	1815368	59.638	ng	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	1066060	61.128	ng	99
85) Di-n-octyl phthalate	22.91	149	1811638	61.589	ng	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	2314309	61.870	ng	# 93
88) Benzo(b)fluoranthene	24.01	252	1997416	59.469	ng	96
89) Benzo(k)fluoranthene	24.08	252	1927222	60.093	ng	99
90) Benzo(a)pyrene	24.89	252	1903612	60.082	ng	98
91) Dibenzo(a,h)anthracene	28.87	278	1873026	60.608	ng	98
92) Benzo(g,h,i)perylene	29.98	276	1831891	60.515	ng	98

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

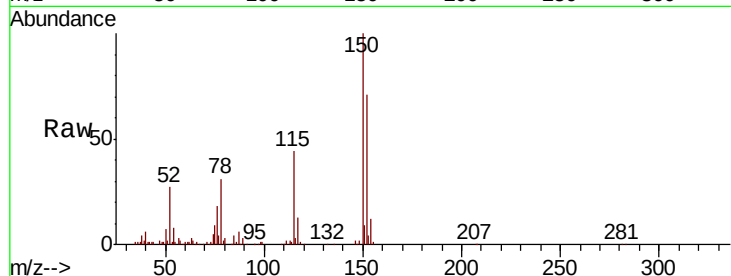


#1

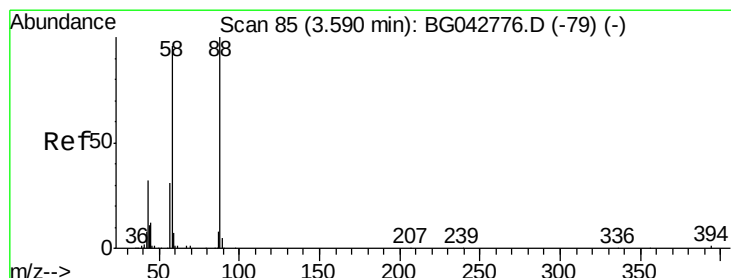
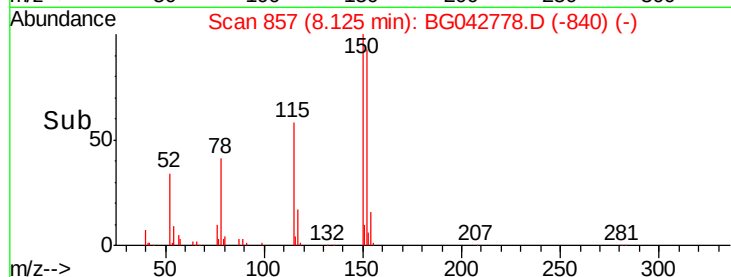
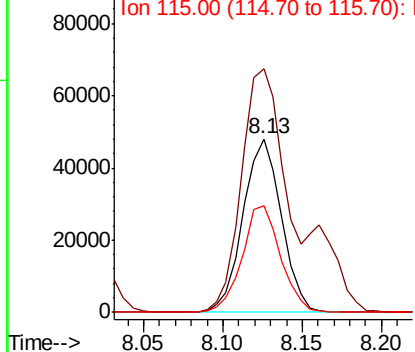
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 80752
Ion Ratio Lower Upper
152 100
150 140.4 118.9 178.3
115 61.8 47.4 71.2



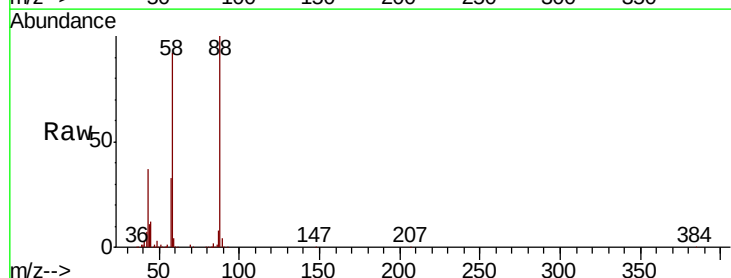
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



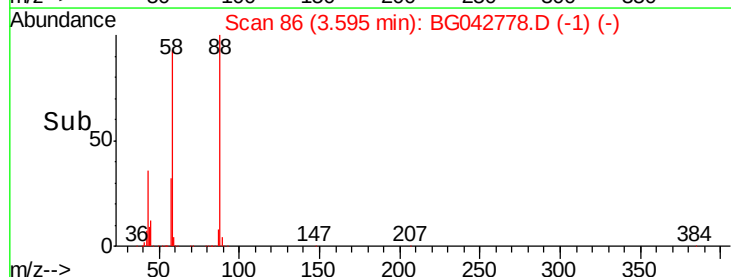
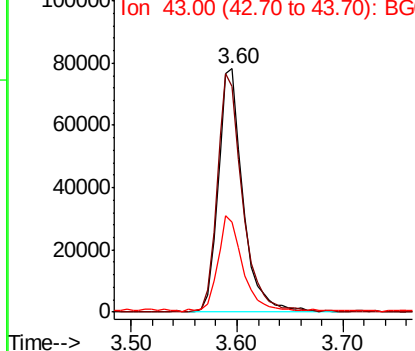
#2

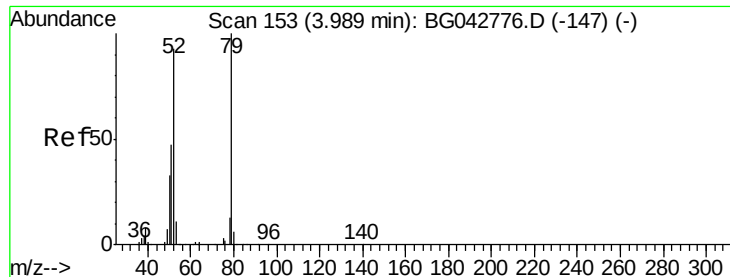
1,4-Dioxane
Concen: 59.603 ng
RT: 3.60 min Scan# 86
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion: 88 Resp: 127219
Ion Ratio Lower Upper
88 100
58 100.3 79.1 118.7
43 39.0 30.4 45.6



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





#3

Pvridine

Concen: 61.508 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampled :

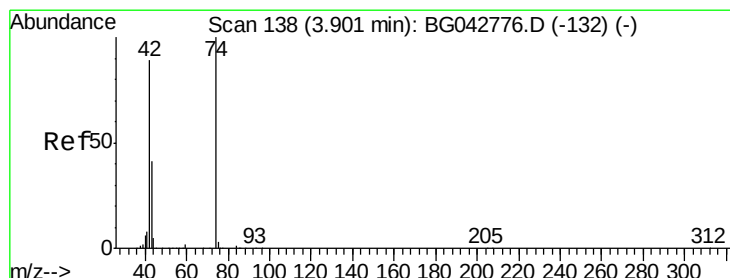
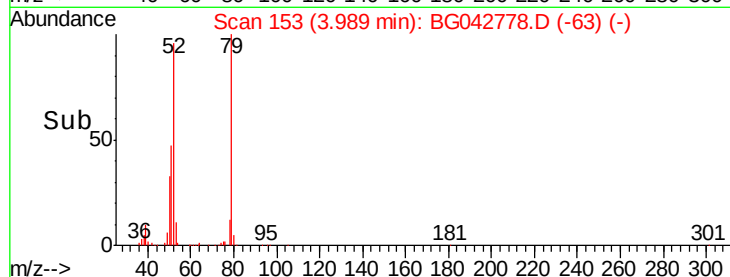
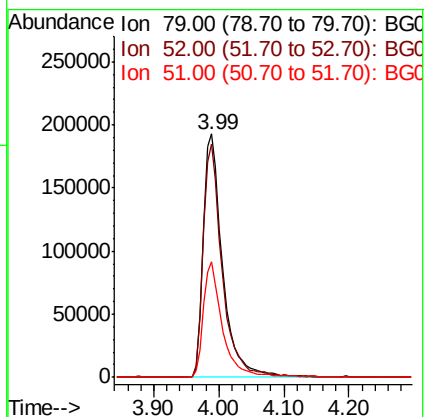
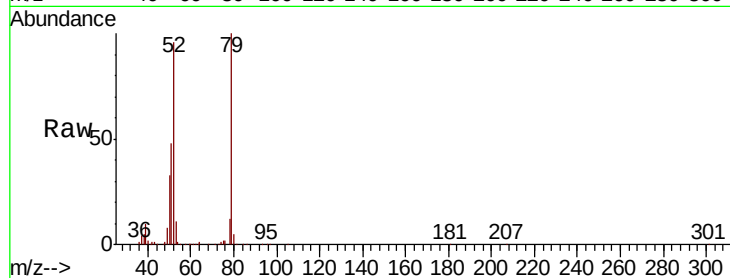
Tot Ion: 79 Resp: 396596

Ion Ratio Lower Upper

79 100

52 96.0 74.0 111.0

51 47.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 61.429 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

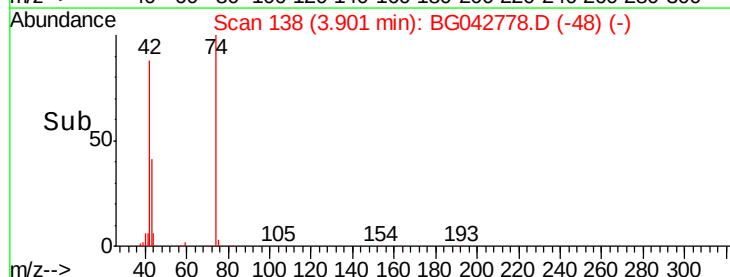
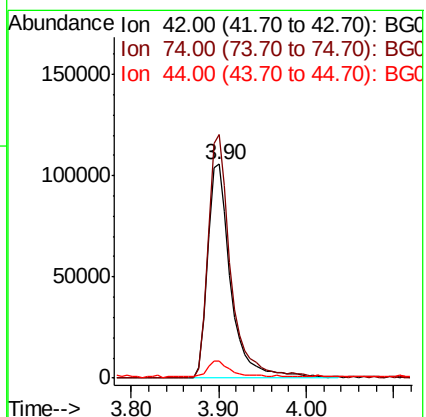
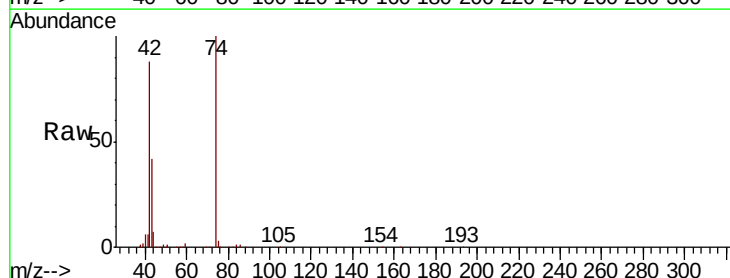
Tgt Ion: 42 Resp: 194803

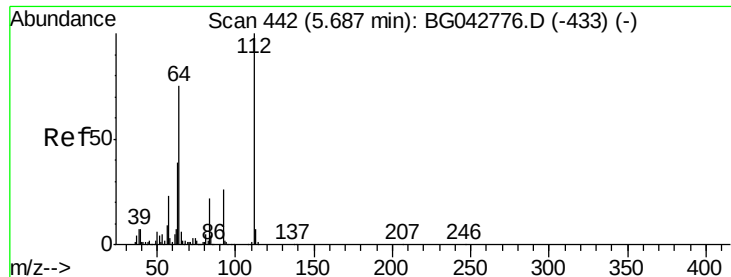
Ion Ratio Lower Upper

42 100

74 113.7 90.2 135.2

44 8.1 6.6 9.8





#5

2-Fluorophenol

Concen: 119.573 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042778.D

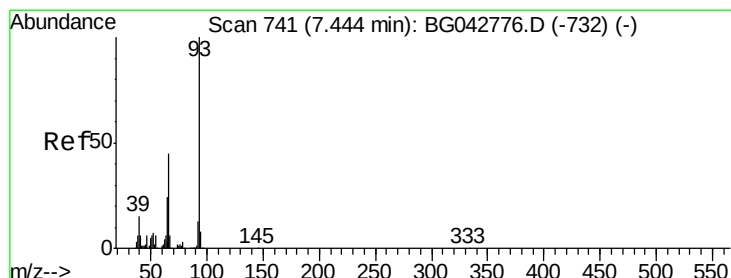
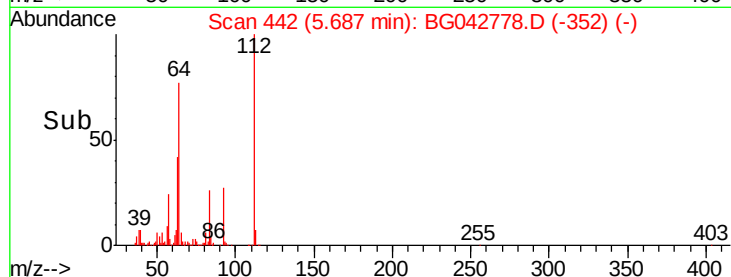
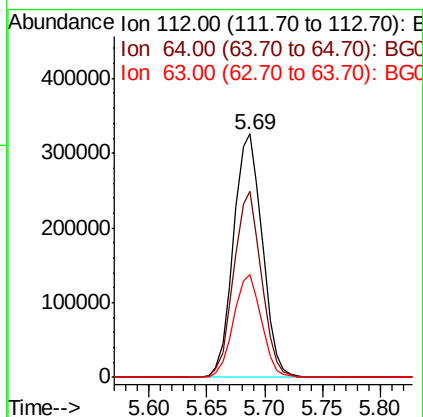
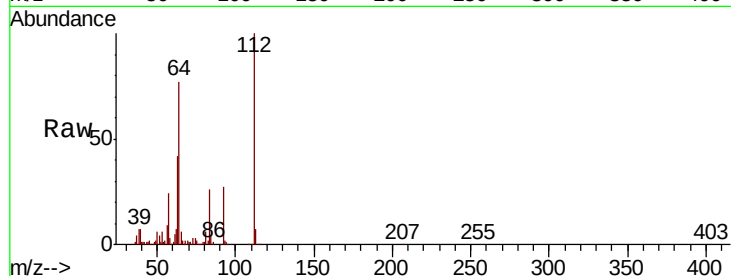
Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	561124
Ion	Ratio	Lower	Upper
112	100		
64	76.5	60.2	90.2
63	42.1	31.2	46.8



#6

Aniline

Concen: 59.814 ng

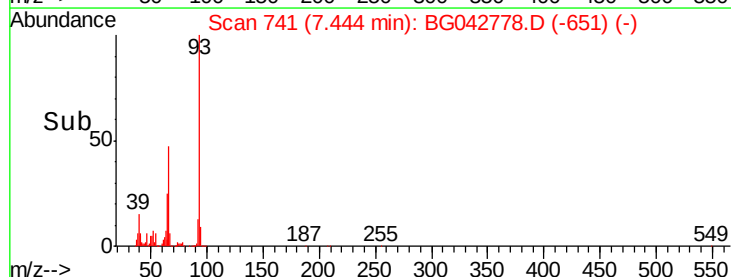
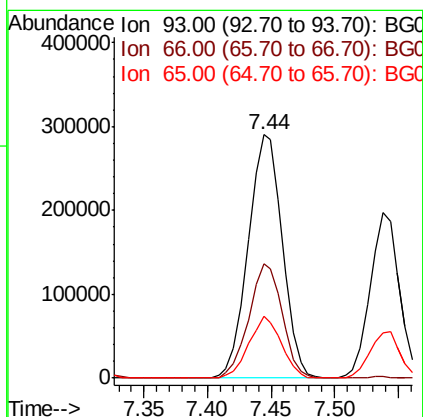
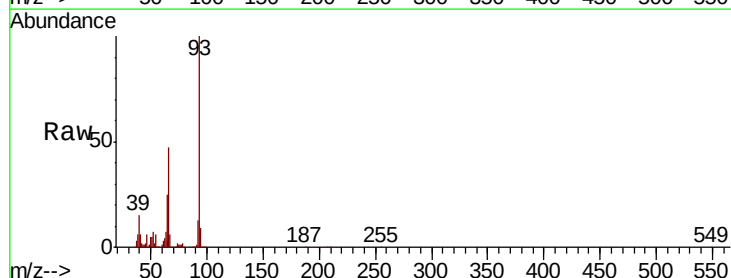
RT: 7.44 min Scan# 741

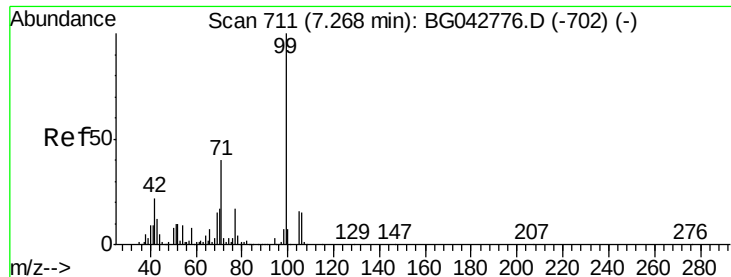
Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Tgt Ion:	93	Resp:	543811
Ion	Ratio	Lower	Upper
93	100		
66	46.7	36.3	54.5
65	25.3	19.3	28.9





#7

Phenol-d6

Concen: 121.715 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampled :

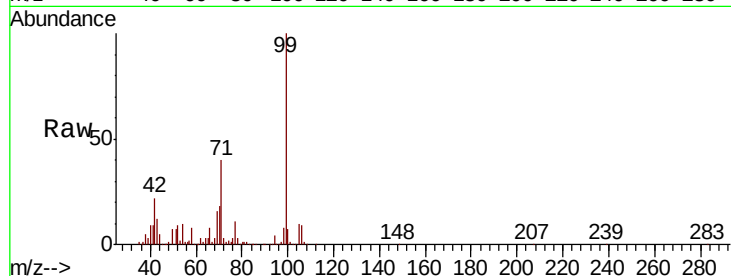
Tot Ion: 99 Resp: 812444

Ion Ratio Lower Upper

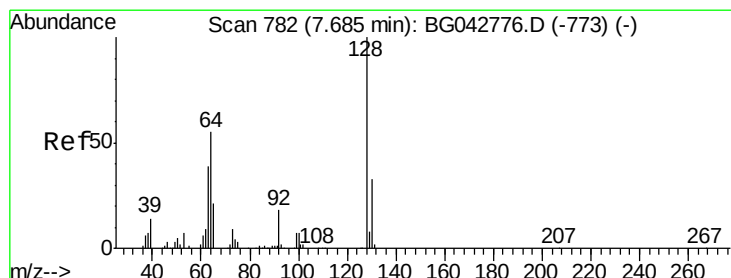
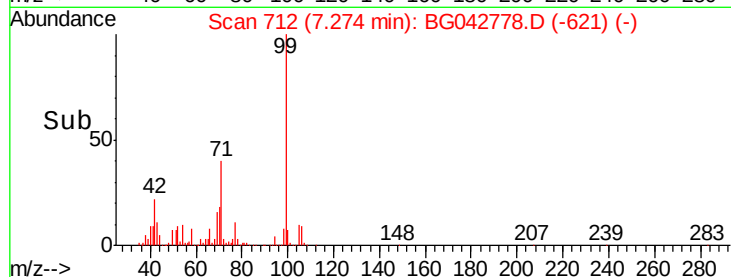
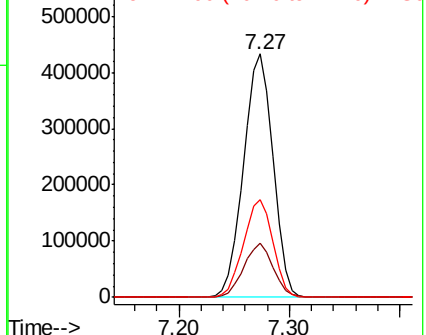
99 100

42 22.1 17.5 26.3

71 40.2 32.0 48.0



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: 61.068 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

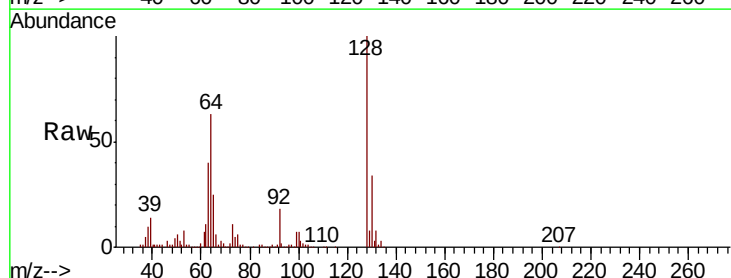
Tgt Ion: 128 Resp: 303351

Ion Ratio Lower Upper

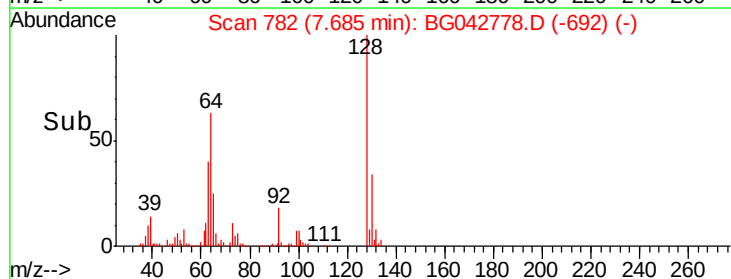
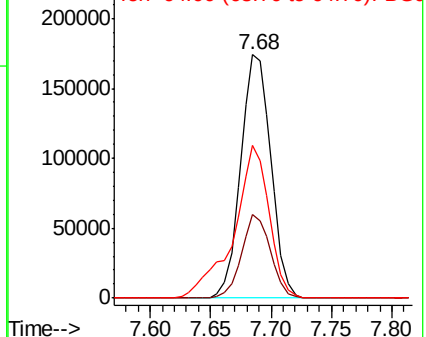
128 100

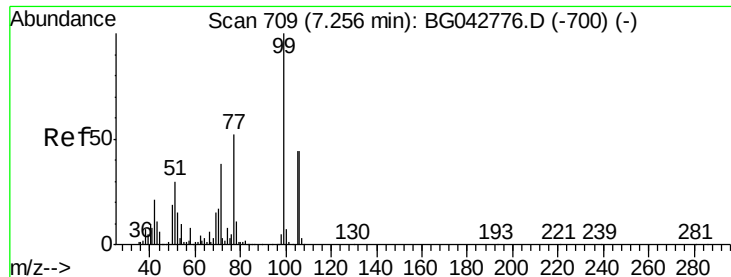
130 34.1 12.8 52.8

64 62.7 36.8 76.8



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: 54.743 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

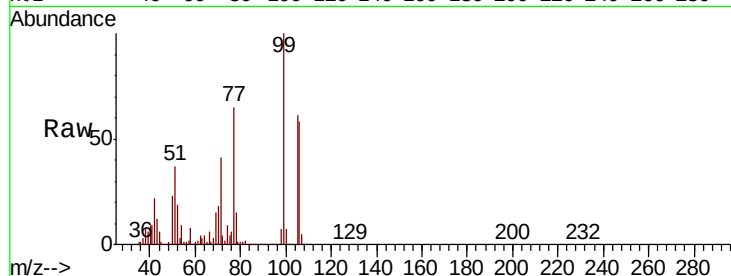
Tot Ion: 77 Resp: 226338

Ion Ratio Lower Upper

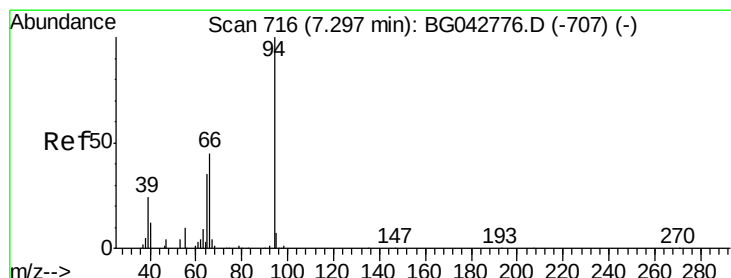
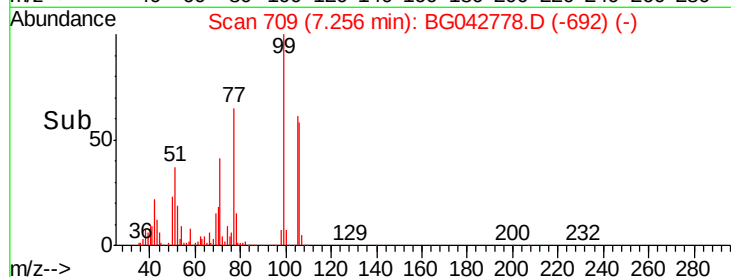
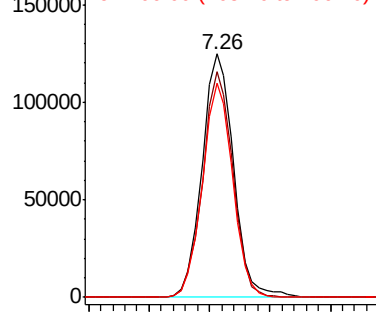
77 100

105 92.5 64.5 104.5

106 87.8 63.4 103.4



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: 61.283 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

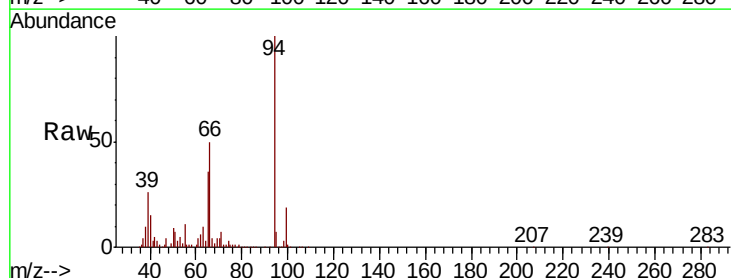
Tgt Ion: 94 Resp: 415582

Ion Ratio Lower Upper

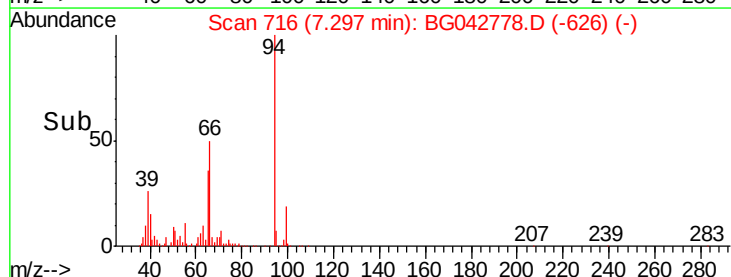
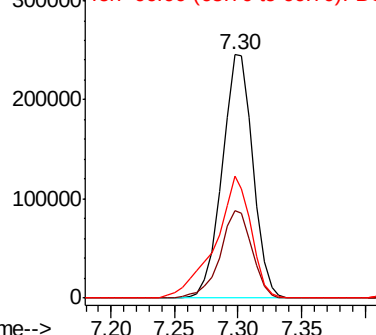
94 100

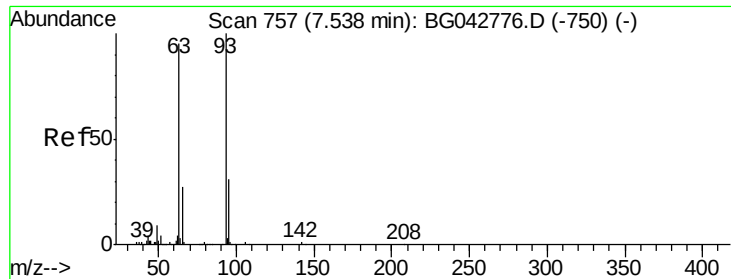
65 36.0 15.0 55.0

66 50.0 26.1 66.1



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

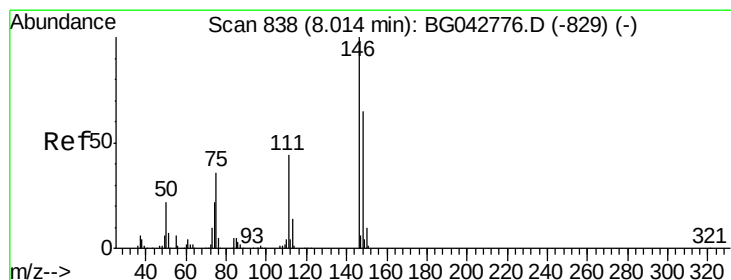
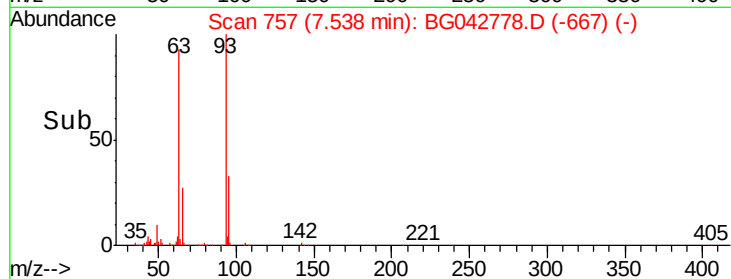
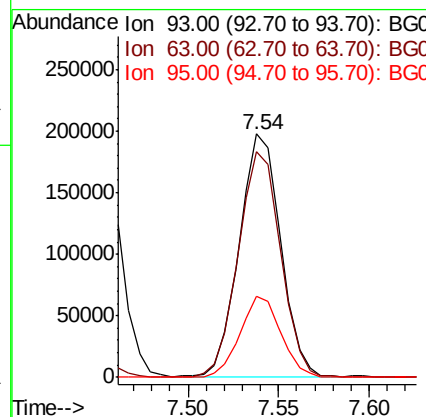
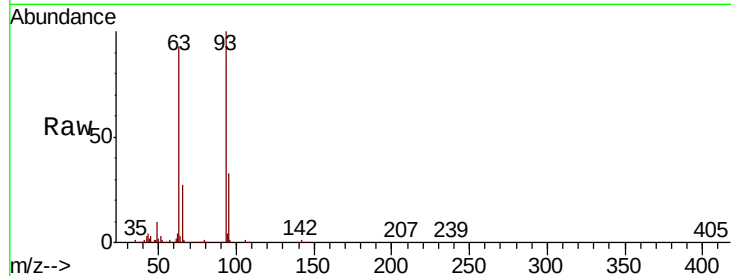




#11
bis(2-Chloroethyl)ether
Concen: 59.780 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

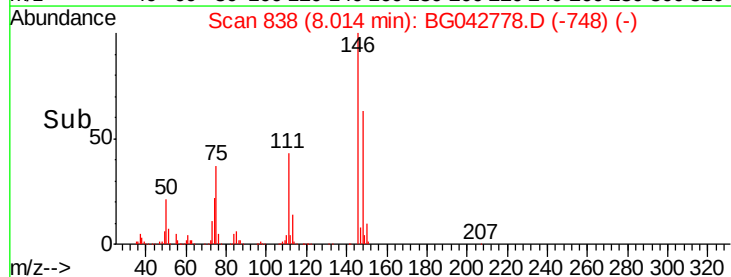
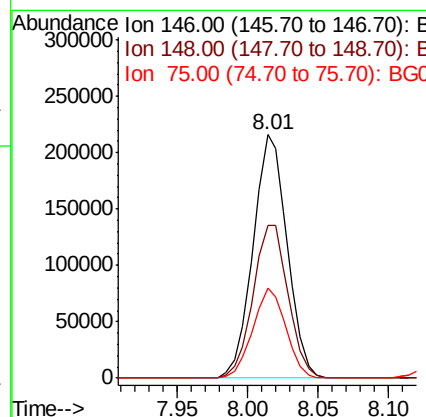
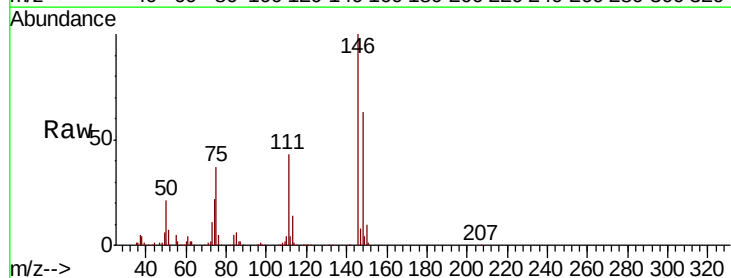
Instrument :
BNA_G
ClientSampleId :

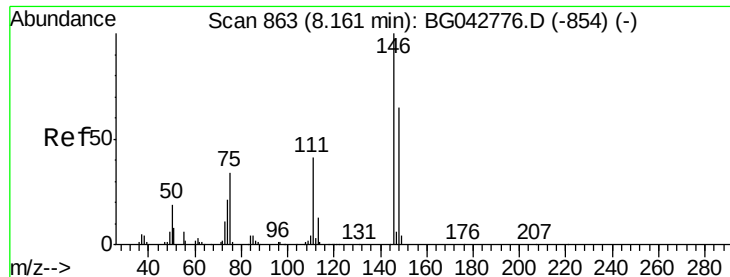
Tot Ion	Ratio	Lower	Upper
93	100		
63	92.9	74.7	114.7
95	33.4	11.1	51.1



#12
1,3-Dichlorobenzene
Concen: 59.675 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.9	77.9
75	37.1	28.4	42.6

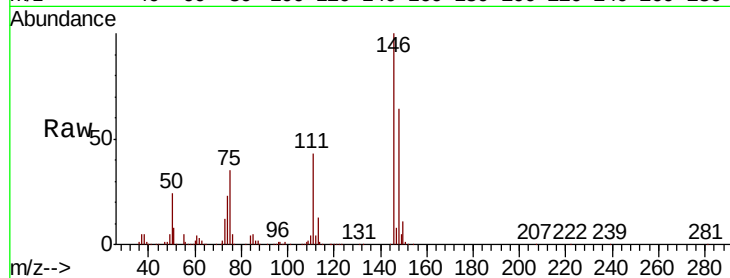




#13
 1,4-Dichlorobenzene
 Concen: 60.411 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
111	42.7	32.6	49.0

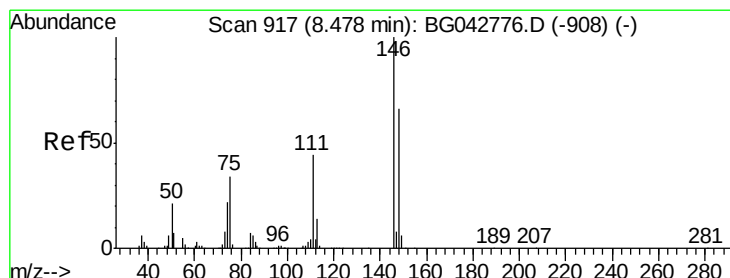
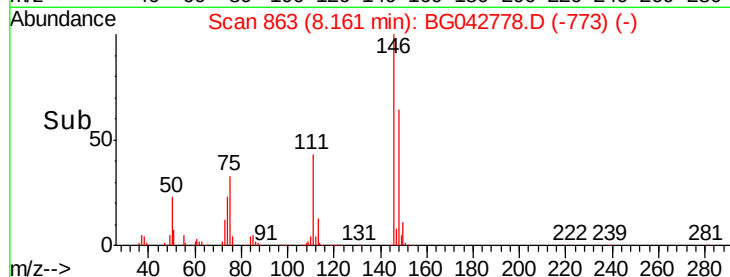
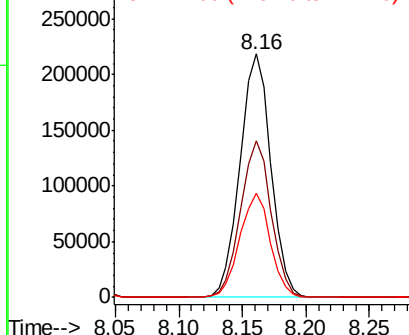


Abundance

Ion 146.00 (145.70 to 146.70): E

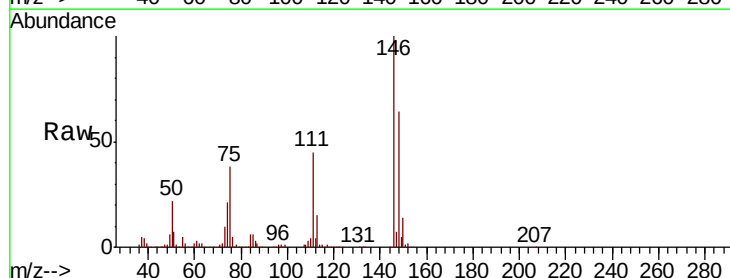
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 60.486 ng
 RT: 8.48 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	78.8
111	45.4	35.3	52.9

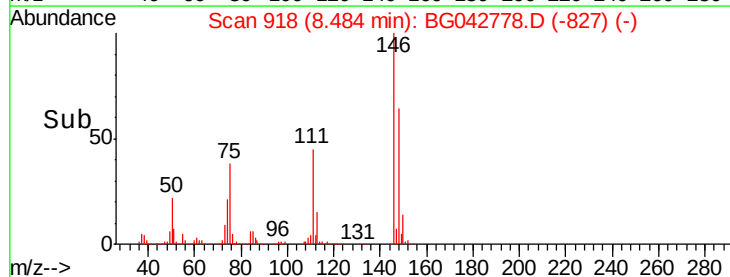
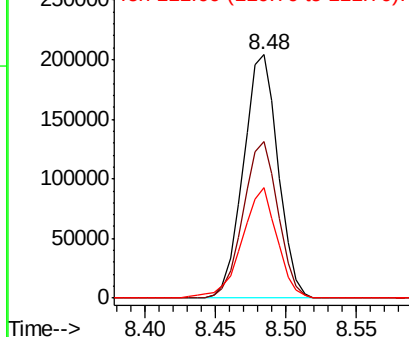


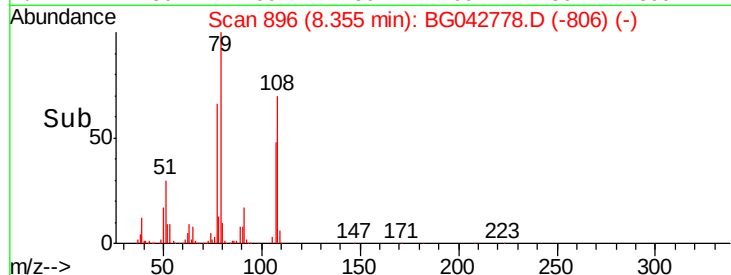
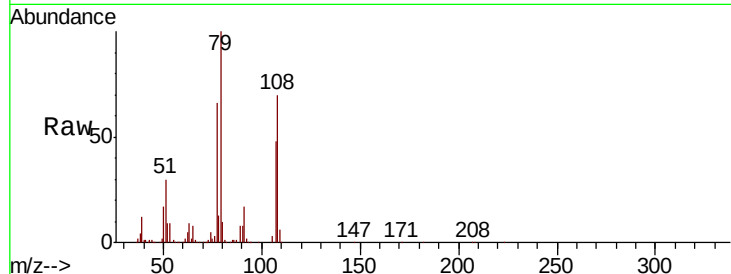
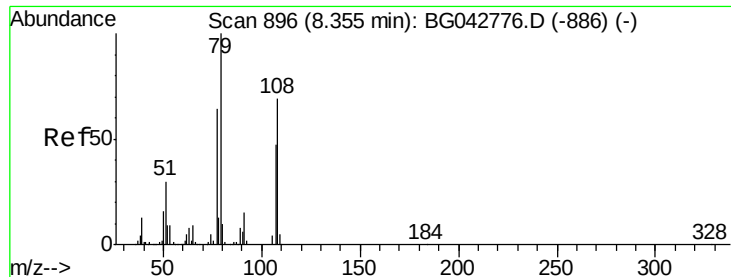
Abundance

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

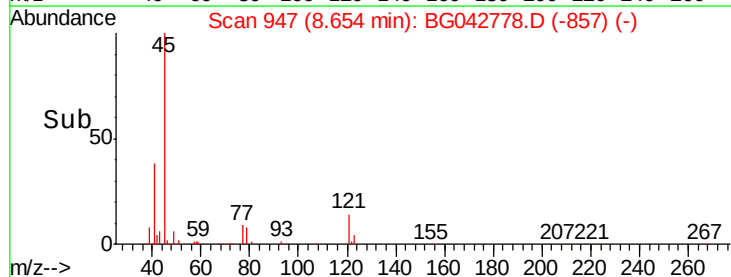
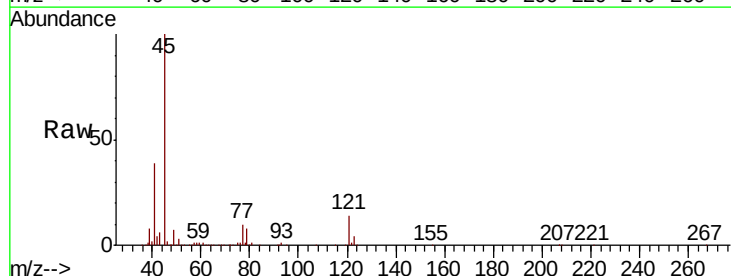
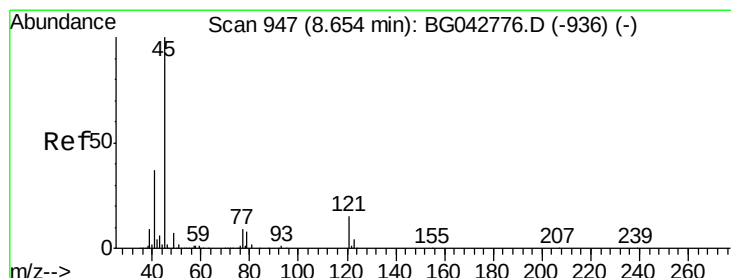
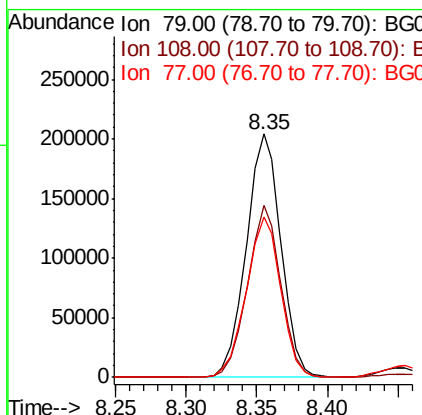




#15
Benzvl Alcohol
Concen: 61.331 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

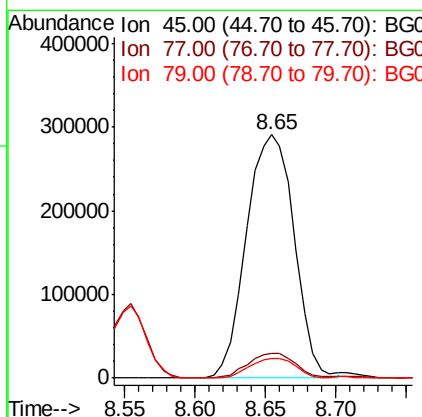
Instrument :
BNA_G
ClientSampled :

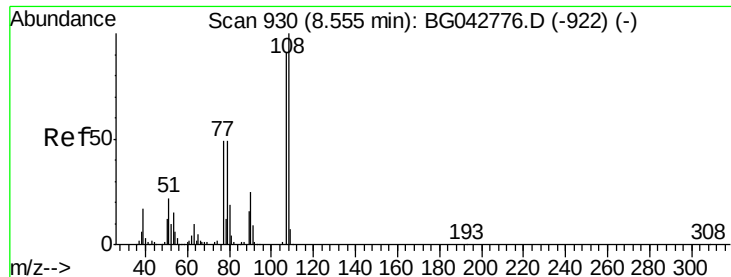
Tot Ion	Ratio	Lower	Upper
79	100		
108	70.5	54.9	82.3
77	65.8	51.0	76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.495 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.9	0.0	29.4
79	8.2	0.0	28.4





#17

2-Methylphenol

Concen: 60.623 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 279555

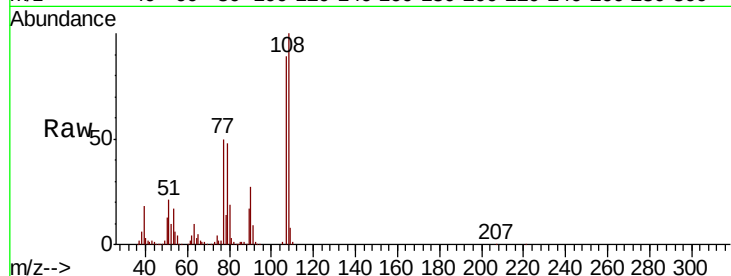
Ion Ratio Lower Upper

107 100

108 112.4 87.7 131.5

77 56.7 42.6 64.0

79 54.4 43.4 65.2

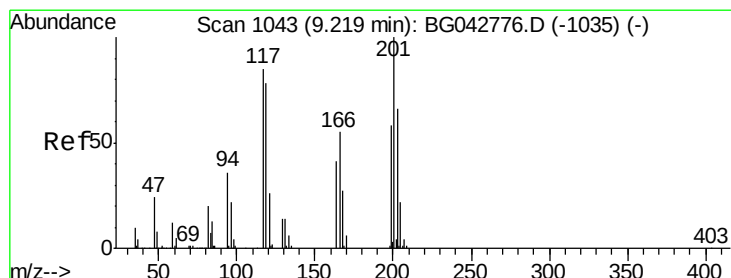
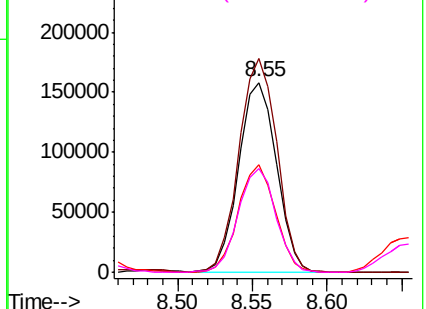
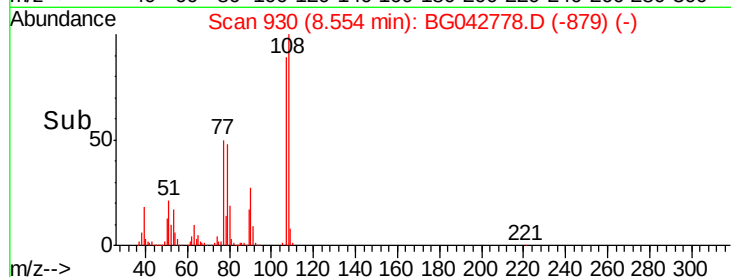


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 60.623 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

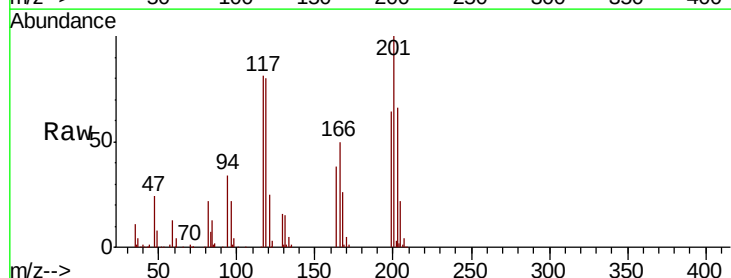
Tgt Ion:117 Resp: 135918

Ion Ratio Lower Upper

117 100

119 99.1 73.8 110.8

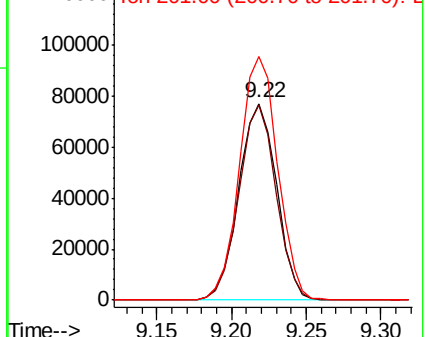
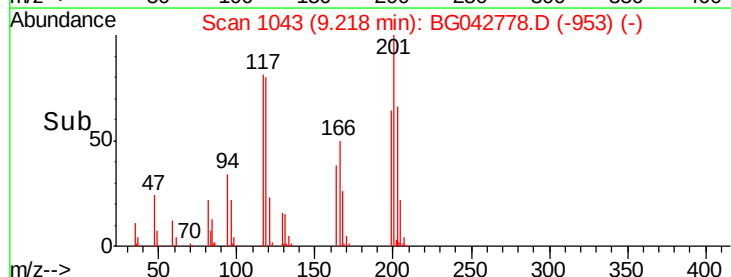
201 123.9 94.6 142.0

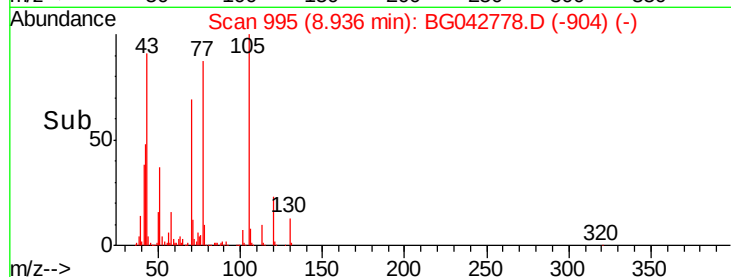
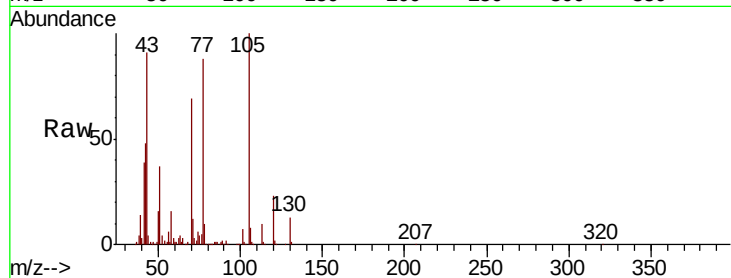
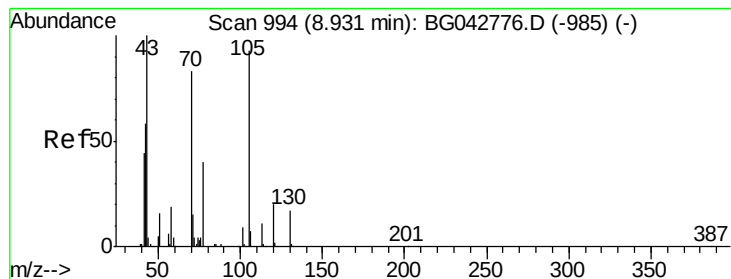


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 60.689 ng

RT: 8.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 297900

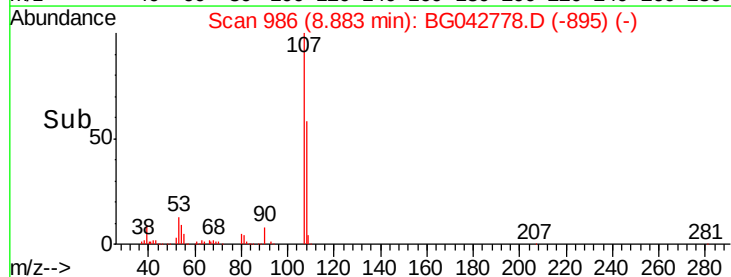
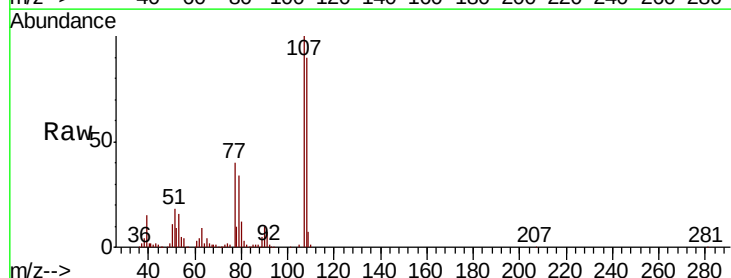
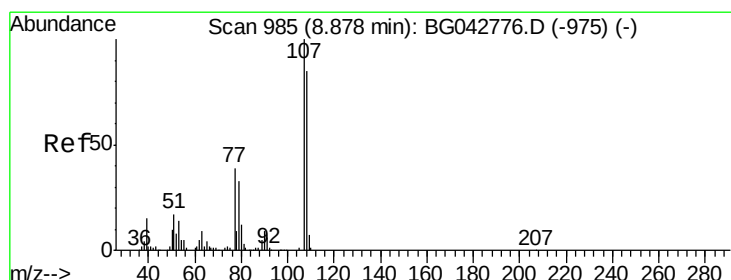
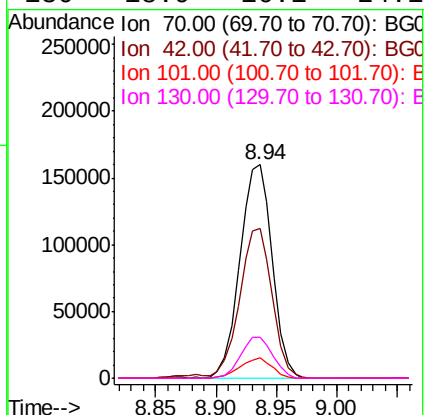
Ion Ratio Lower Upper

70 100

42 69.9 57.0 85.6

101 9.5 8.4 12.6

130 18.9 16.1 24.1



#20

3+4-Methylphenols

Concen: 61.457 ng

RT: 8.88 min Scan# 986

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Tgt Ion: 107 Resp: 386304

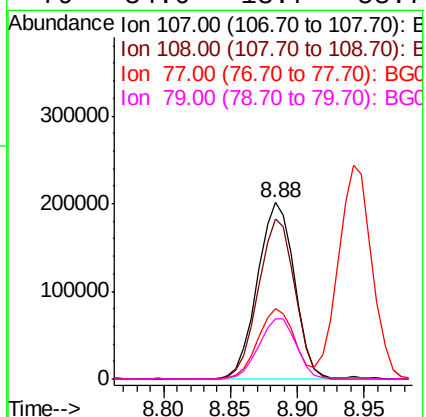
Ion Ratio Lower Upper

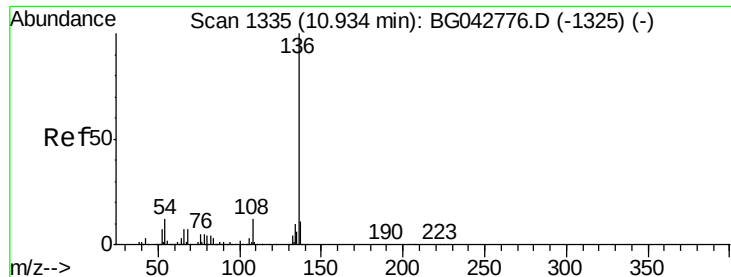
107 100

108 90.4 65.4 105.4

77 39.6 18.7 58.7

79 34.0 13.7 53.7

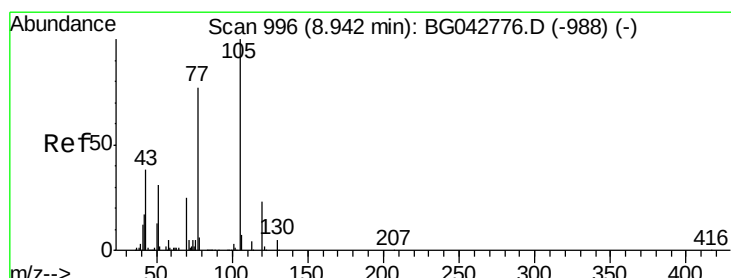
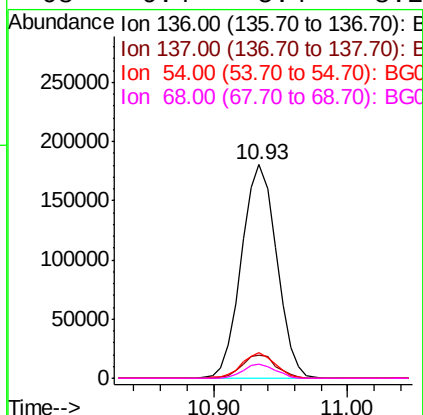
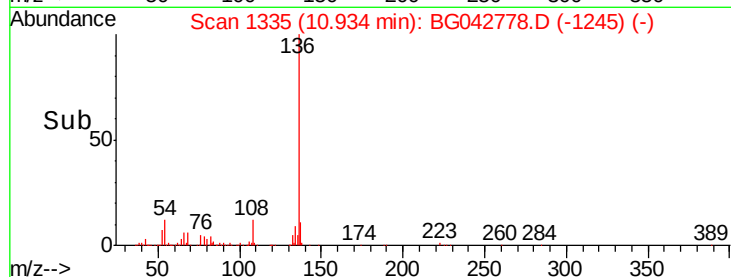
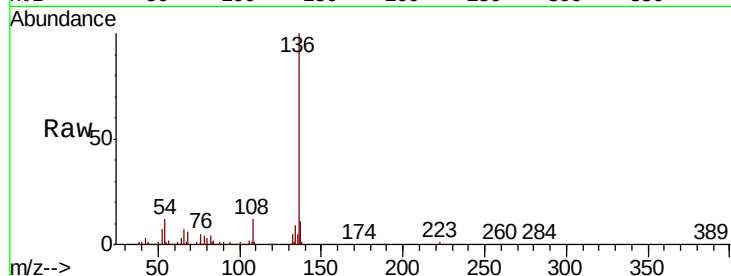




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

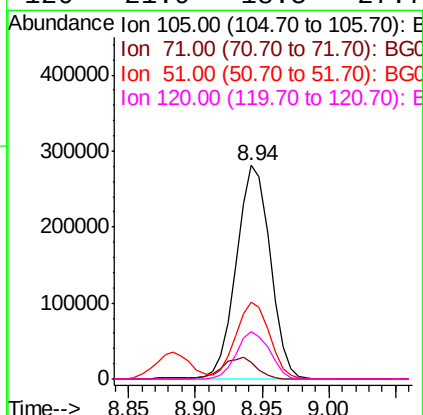
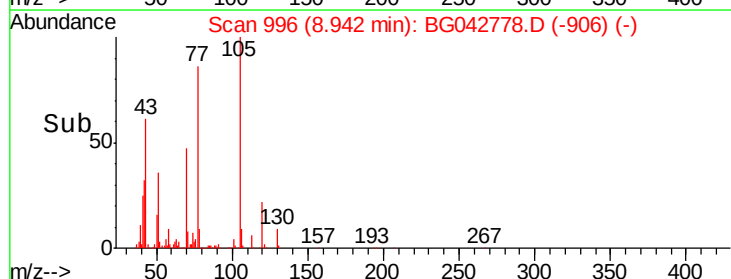
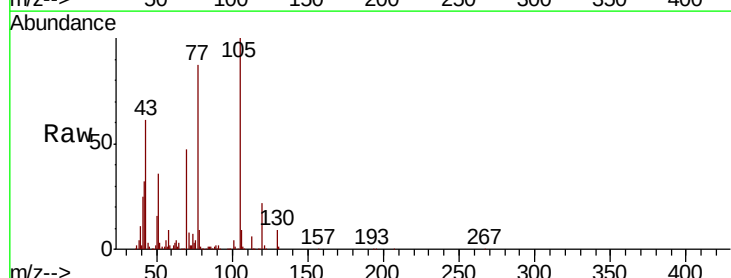
Instrument :
BNA_G
ClientSampleId :

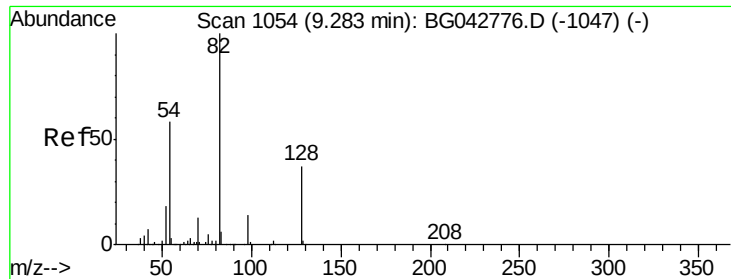
Tot Ion:136	Resp:	329003	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.0	13.6	
54 12.2	9.4	14.0	
68 6.4	5.4	8.2	



#22
Acetophenone
Concen: 59.191 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt	Ion:105	Resp:	494384
Ion	Ratio	Lower	Upper
105	100		
71	7.7	3.7	5.5#
51	36.2	28.8	43.2
120	21.9	18.5	27.7

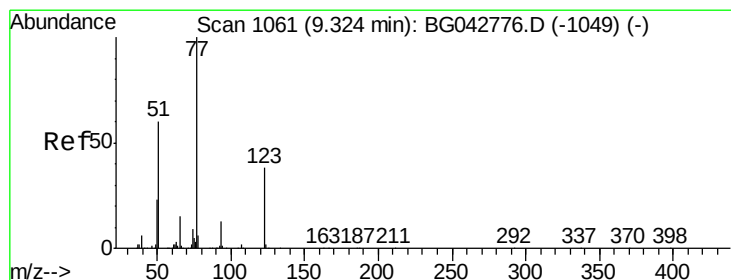
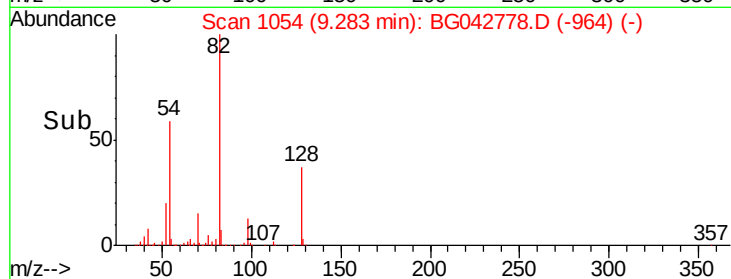
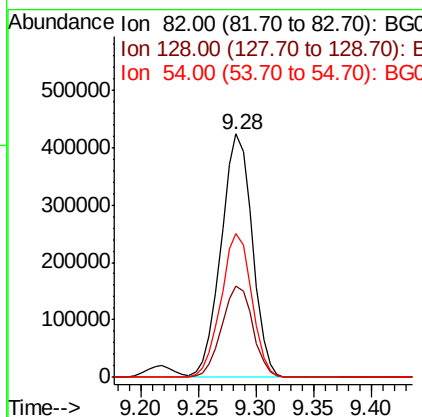
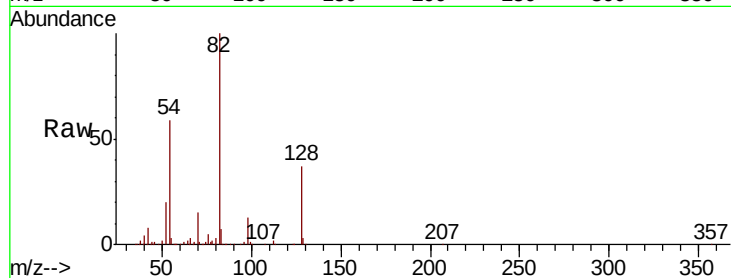




#23
 Nitrobenzene-d5
 Concen: 145.737 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

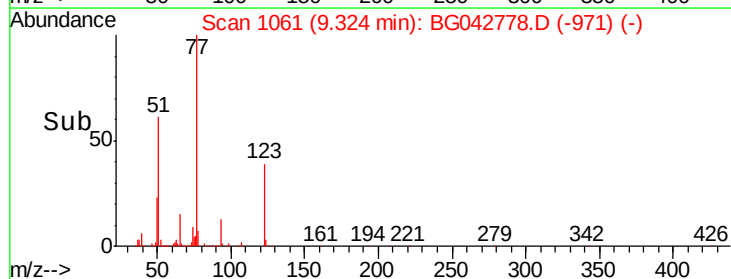
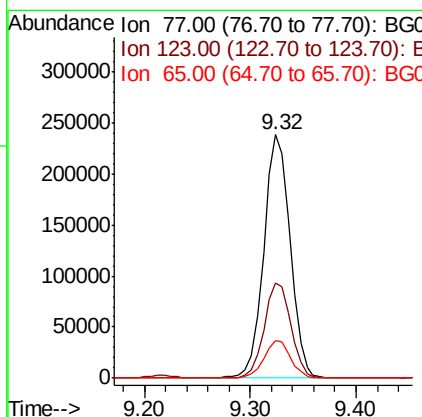
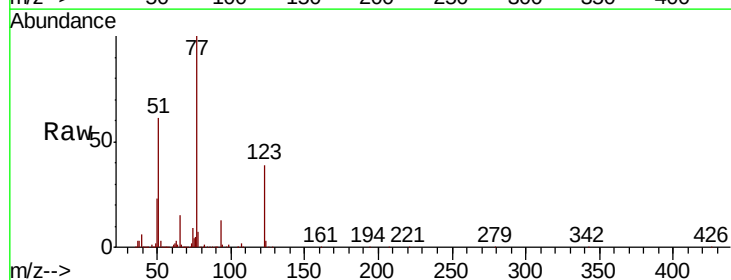
Instrument :
 BNA_G
 ClientSampleId :

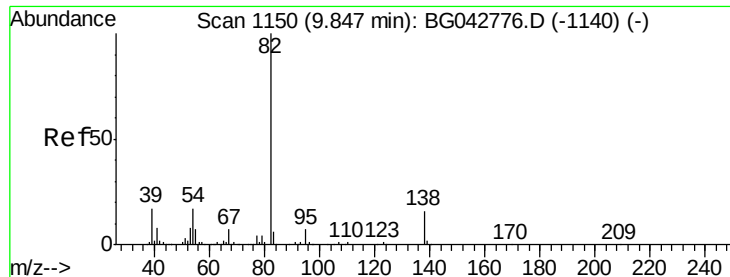
Tot Ion	82	Resp	792119
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.8	44.8
54	58.9	46.1	69.1



#24
 Nitrobenzene
 Concen: 70.274 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion	77	Resp	412861
Ion Ratio	Lower	Upper	
77	100		
123	39.3	30.7	46.1
65	15.2	12.2	18.4





#25

Isophorone

Concen: 60.189 ng

RT: 9.85 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampled :

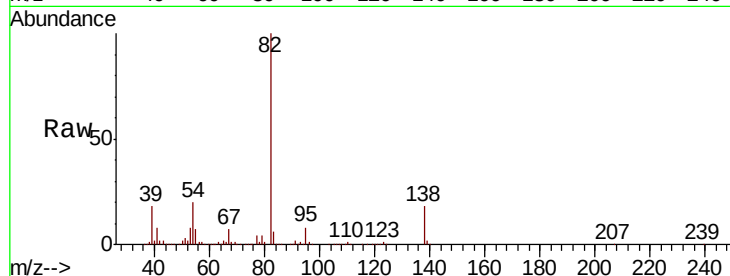
Tot Ion: 82 Resp: 789444

Ion Ratio Lower Upper

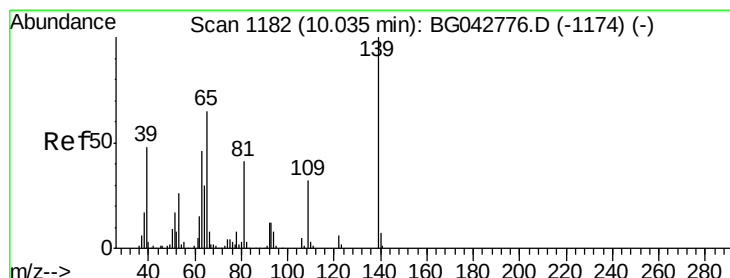
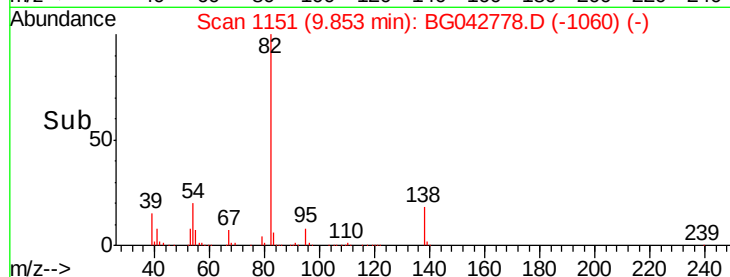
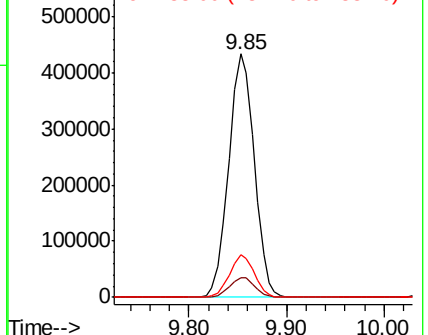
82 100

95 7.9 5.8 8.8

138 17.6 12.9 19.3



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



#26

2-Nitrophenol

Concen: 79.329 ng

RT: 10.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

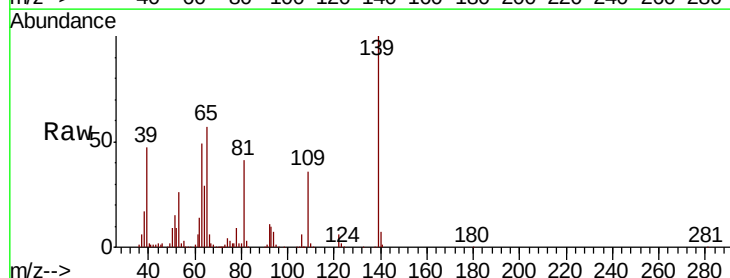
Tgt Ion: 139 Resp: 168243

Ion Ratio Lower Upper

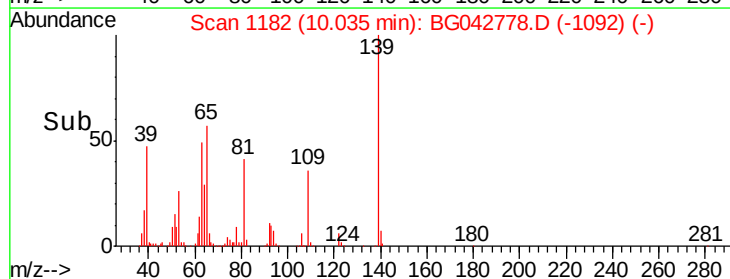
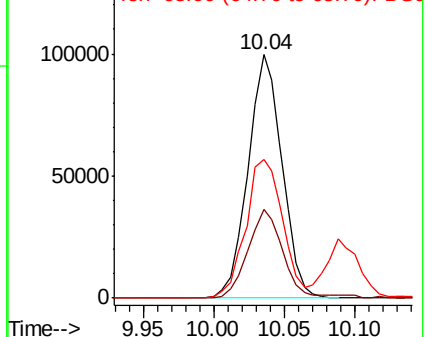
139 100

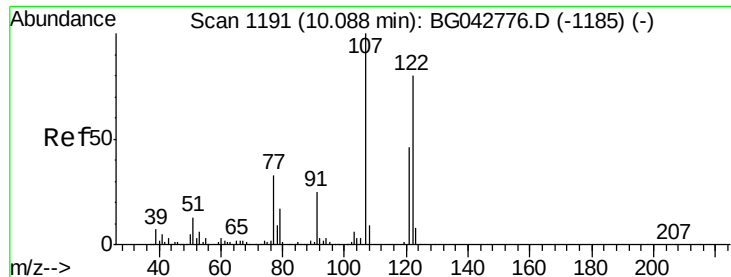
109 36.4 25.8 38.8

65 57.0 52.2 78.2



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

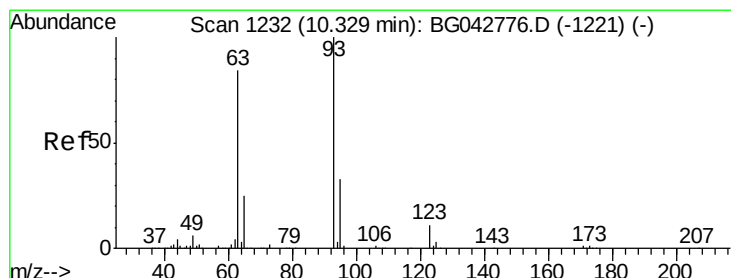
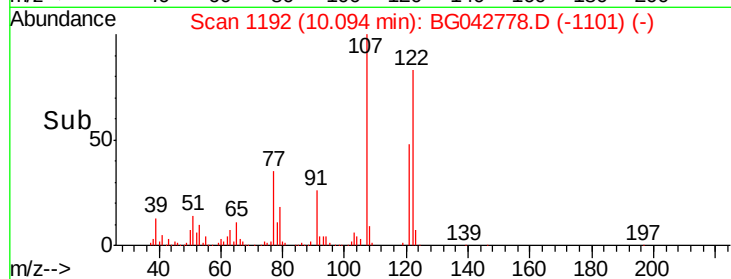
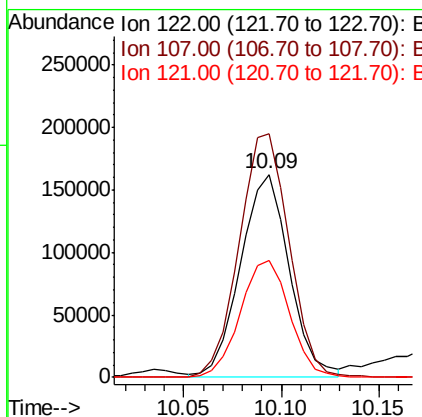
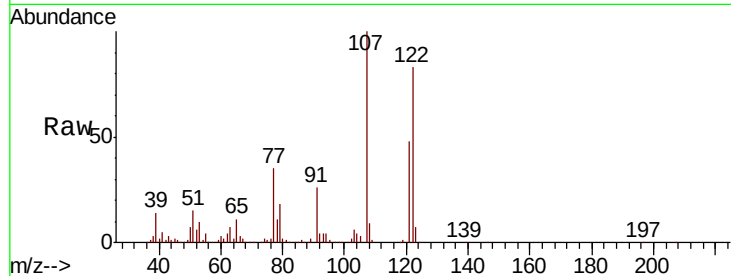




#27
 2,4-Dimethylphenol
 Concen: 61.408 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

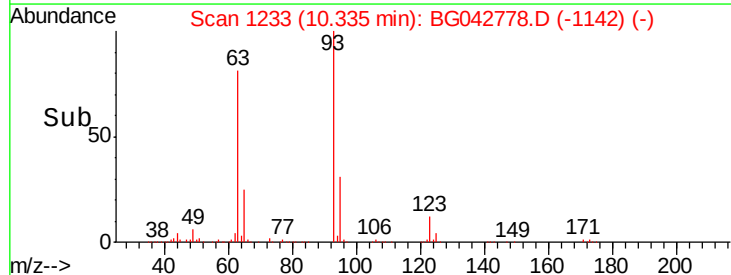
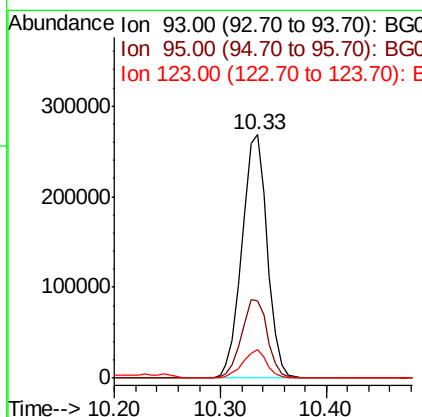
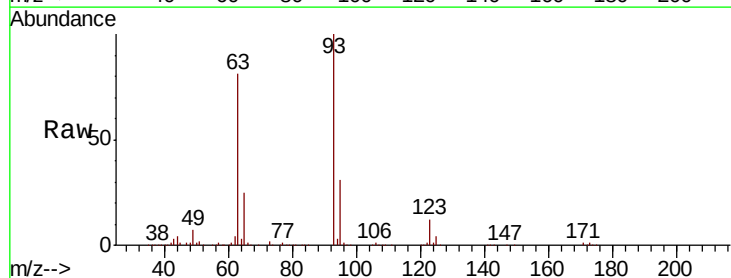
Instrument :
 BNA_G
 ClientSampled :

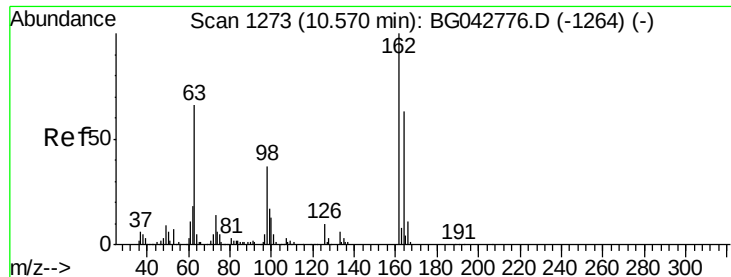
Tot Ion	122	Resp	280653
Ion Ratio	Lower	Upper	
122	100		
107	119.8	98.9	148.3
121	57.5	46.2	69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 60.441 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion	93	Resp	444450
Ion Ratio	Lower	Upper	
93	100		
95	31.5	26.6	40.0
123	11.5	9.0	13.6

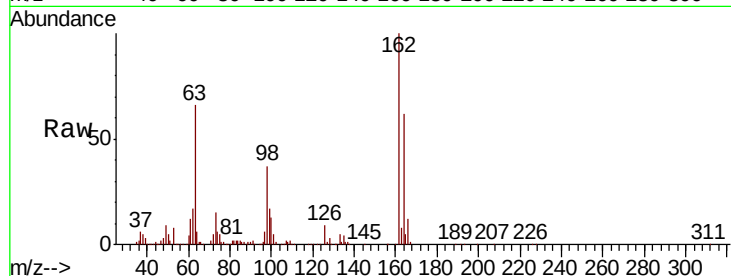




#29
 2,4-Dichlorophenol
 Concen: 63.155 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	43.4	83.4
98	36.7	17.0	57.0

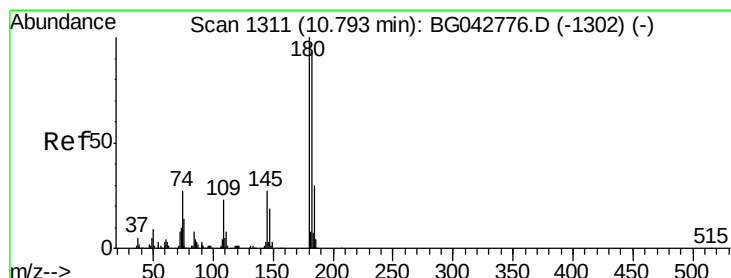
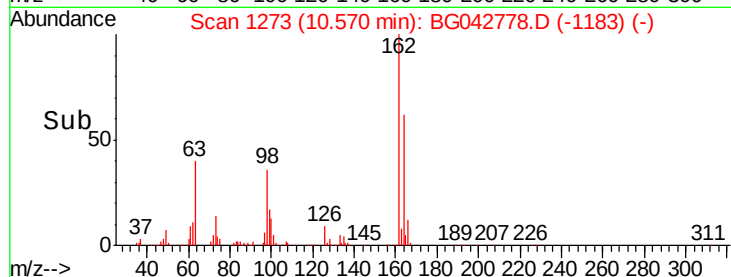
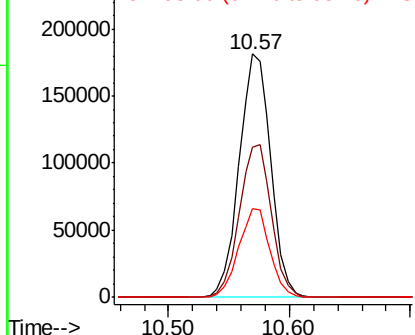


Abundance

Ion 162.00 (161.70 to 162.70): E

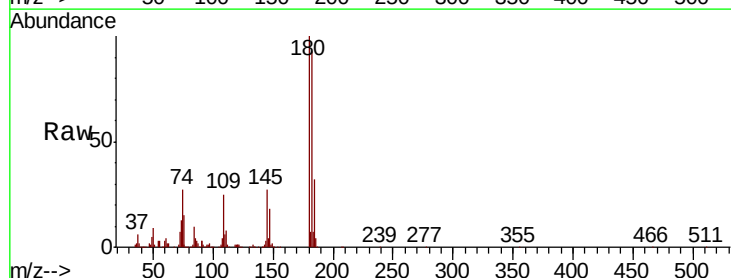
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 60.957 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	74.6	112.0
145	27.1	21.8	32.6

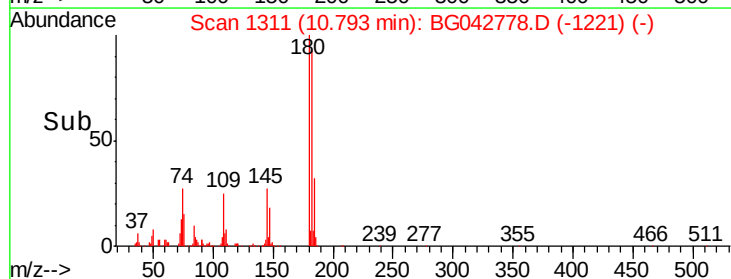
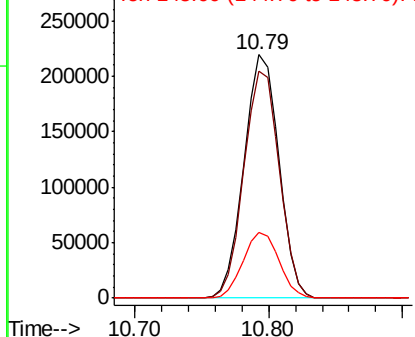


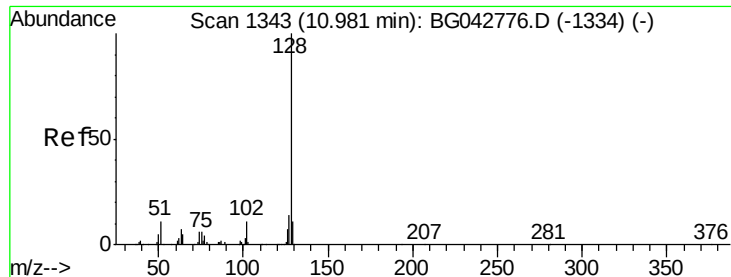
Abundance

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

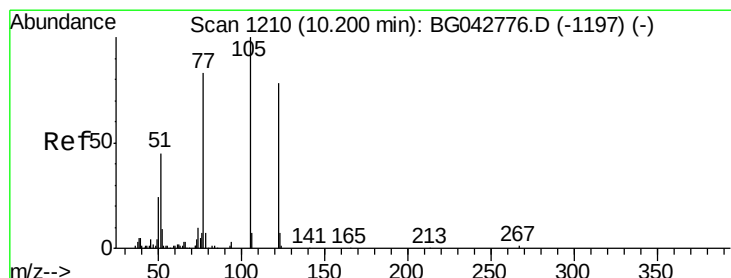
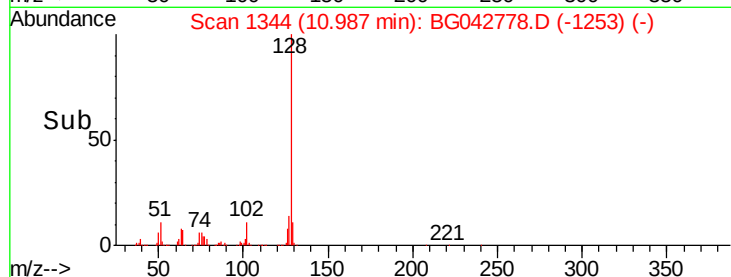
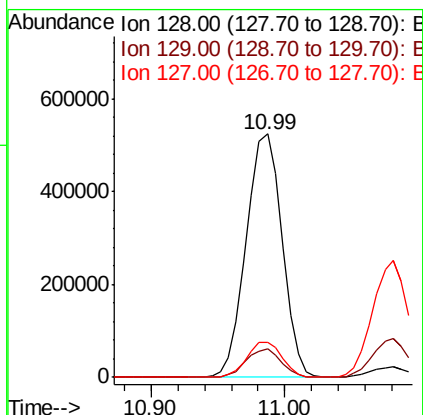
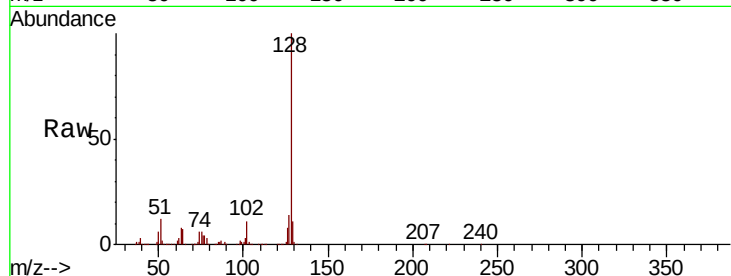




#31
Naphthalene
Concen: 60.515 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

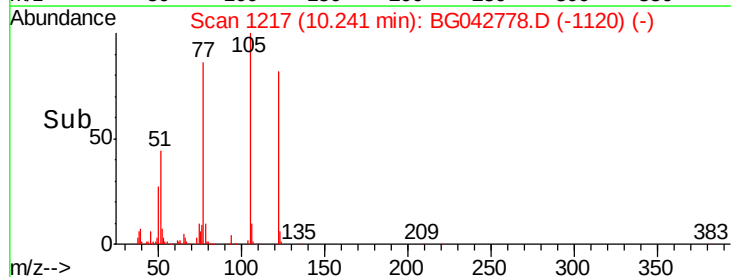
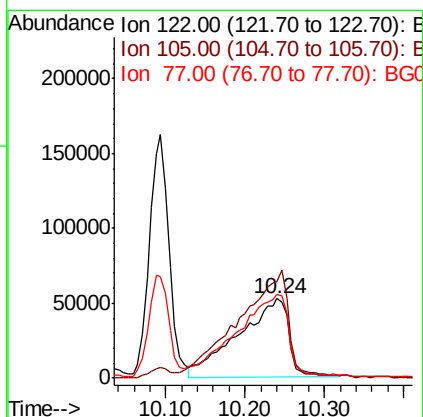
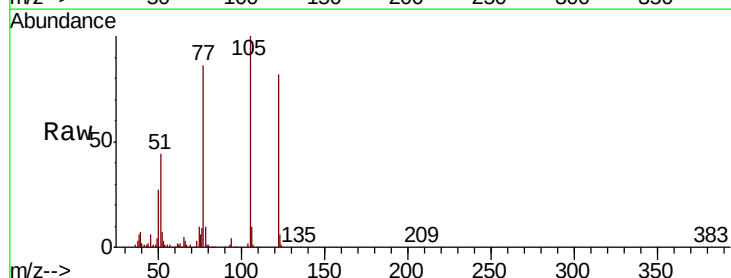
Instrument :
BNA_G
ClientSampleId :

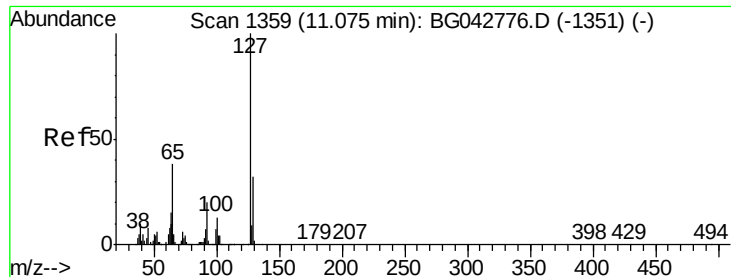
Tot Ion:128 Resp: 974130
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.3 11.4 17.2



#32
Benzoic acid
Concen: 77.758 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.04 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion:122 Resp: 230828
Ion Ratio Lower Upper
122 100
105 121.6 104.0 144.0
77 104.6 84.2 124.2

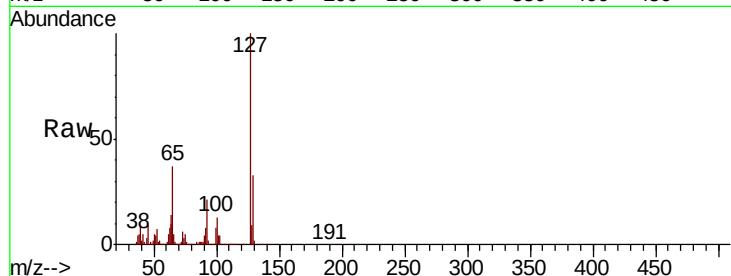




#33
4-Chloroaniline
Concen: 60.147 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	459293
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.6
65	36.6	30.5	45.7
92	21.5	15.9	23.9



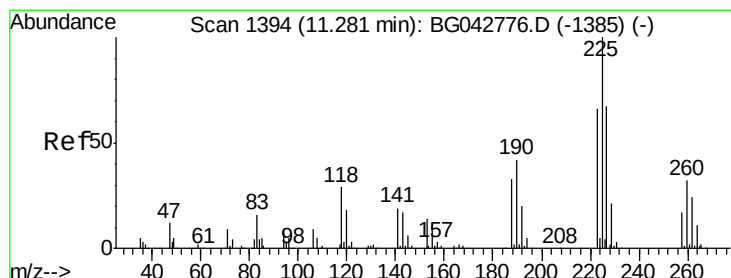
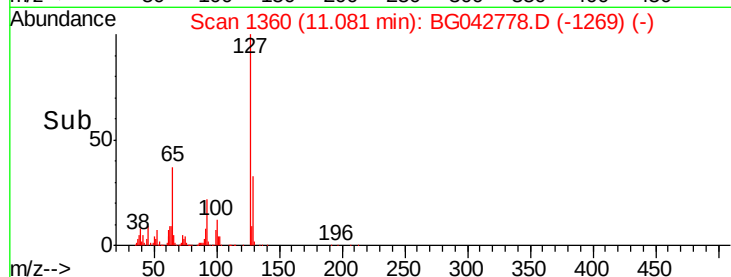
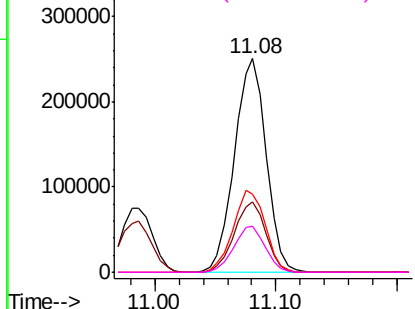
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

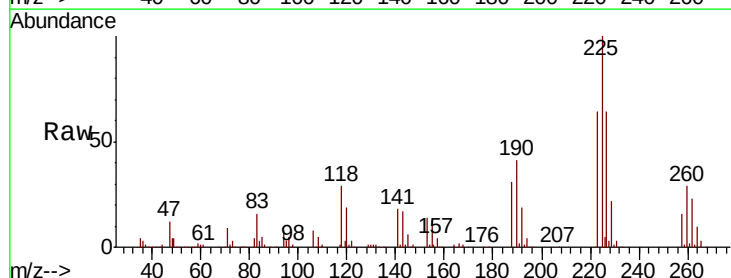
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 60.386 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion:	225	Resp:	275231
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.6	79.0
227	64.3	53.6	80.4

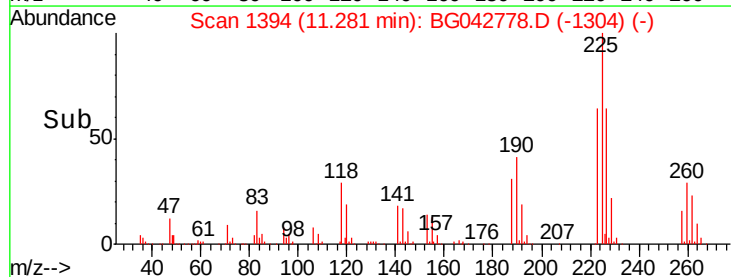
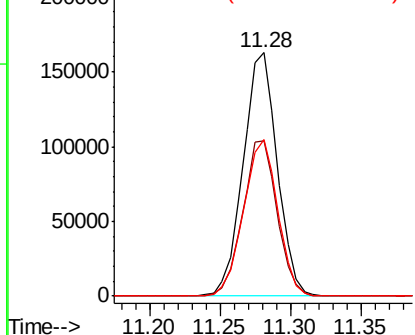


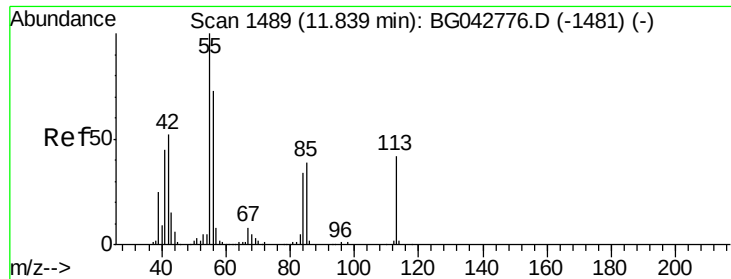
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 63.920 ng

RT: 11.86 min Scan# 1493

Delta R.T. 0.02 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

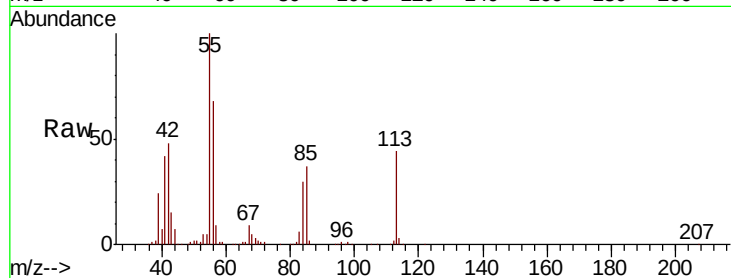
Tot Ion:113 Resp: 125758

Ion Ratio Lower Upper

113 100

55 225.3 218.4 258.4

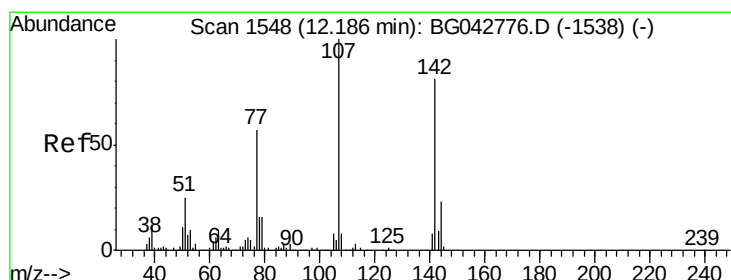
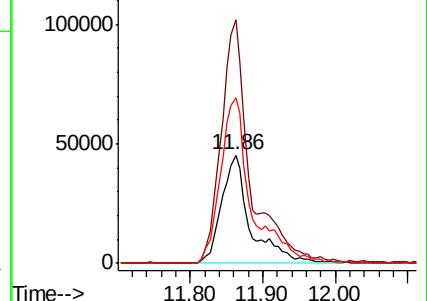
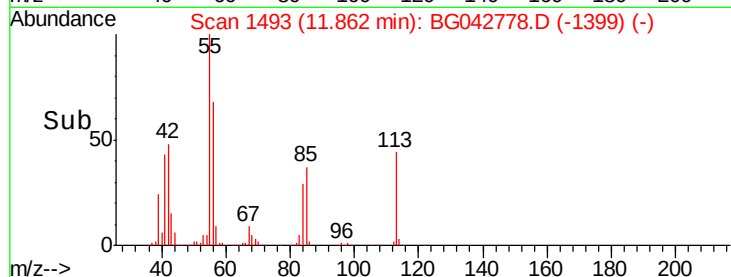
56 153.6 154.8 194.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG042776.D (-1481) (-)

Ion 56.00 (55.70 to 56.70): BG042776.D (-1481) (-)



#36

4-Chloro-3-methylphenol

Concen: 61.605 ng

RT: 12.19 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

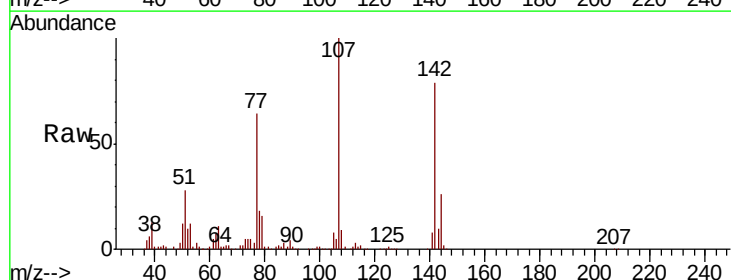
Tgt Ion:107 Resp: 350804

Ion Ratio Lower Upper

107 100

144 25.8 18.7 28.1

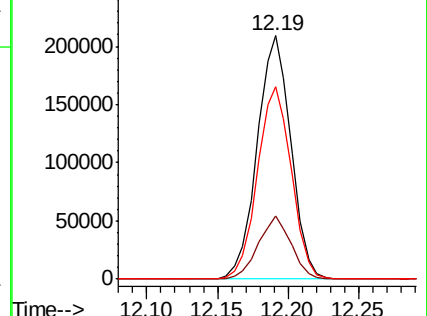
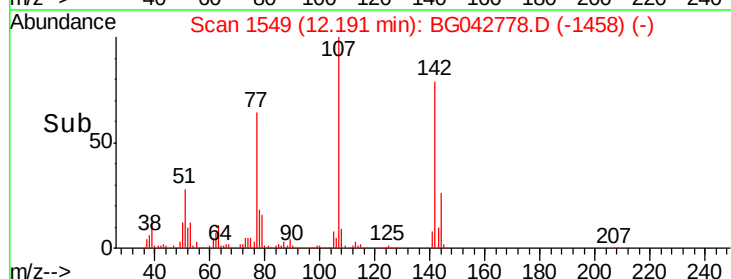
142 78.8 65.0 97.4

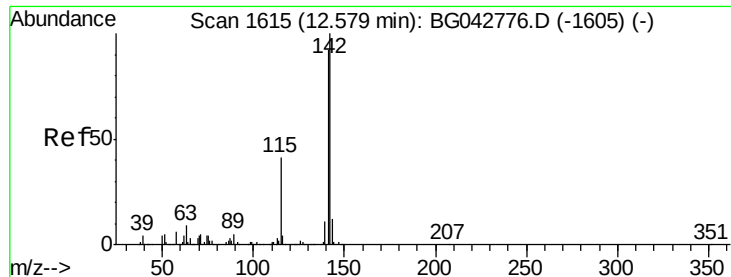


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

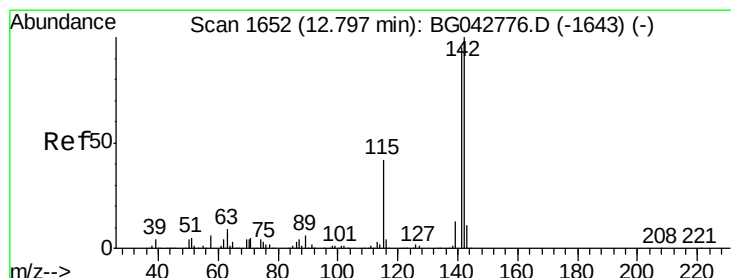
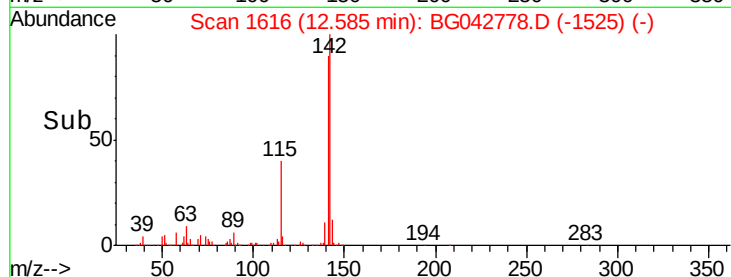
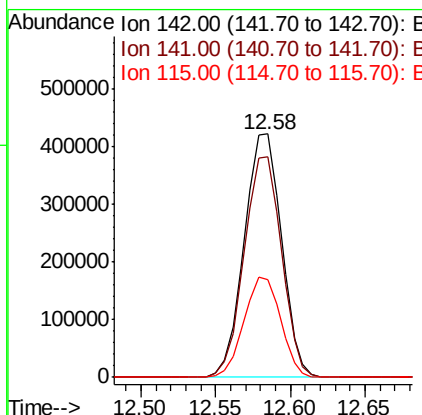
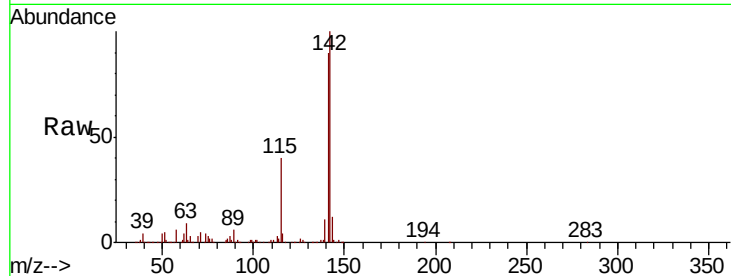




#37
 2-Methylnaphthalene
 Concen: 60.370 ng
 RT: 12.58 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

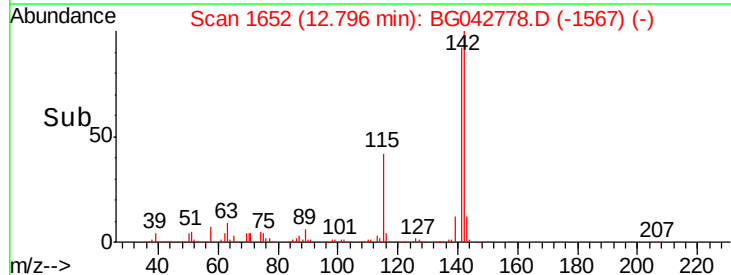
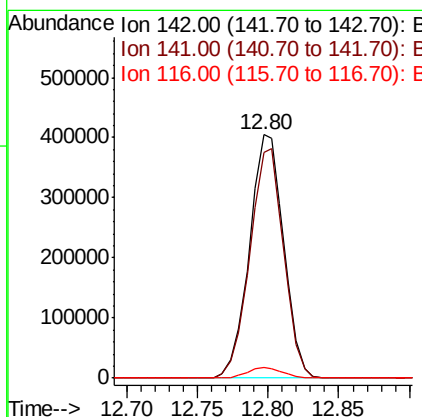
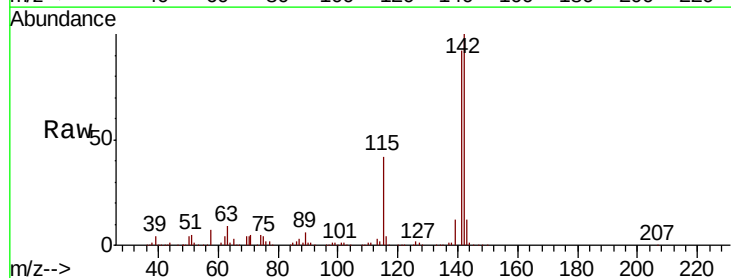
Instrument :
 BNA_G
 ClientSampleId :

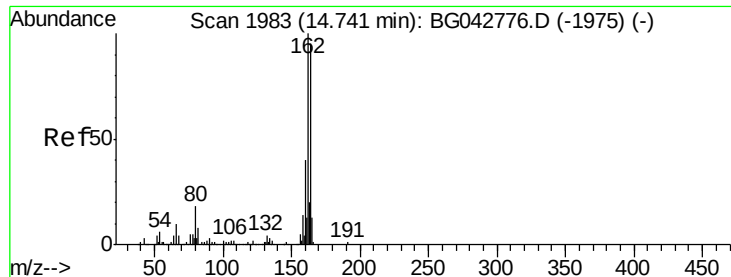
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.8	110.8
115	40.3	33.0	49.4



#38
 1-Methylnaphthalene
 Concen: 60.754 ng
 RT: 12.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.3	114.5
116	4.5	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

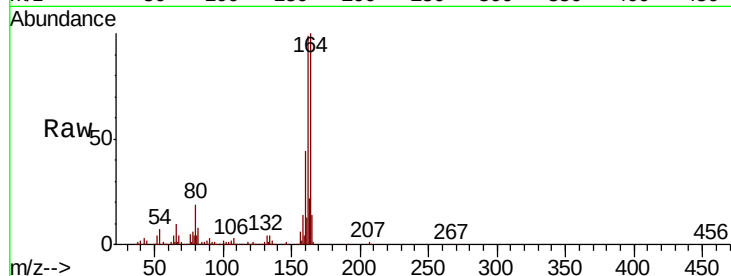
Tot Ion:164 Resp: 227085

Ion Ratio Lower Upper

164 100

162 99.3 84.6 126.8

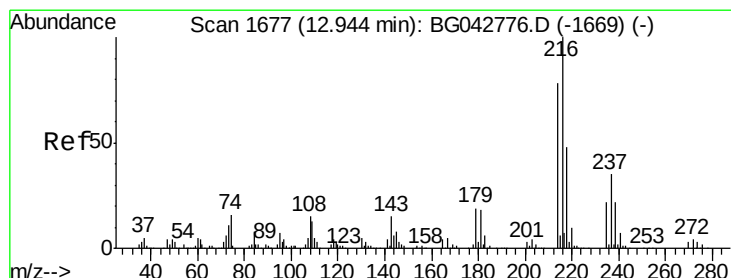
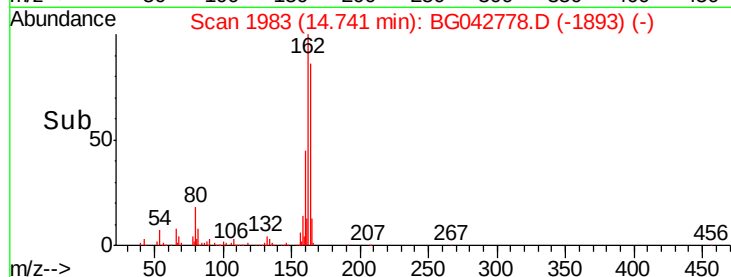
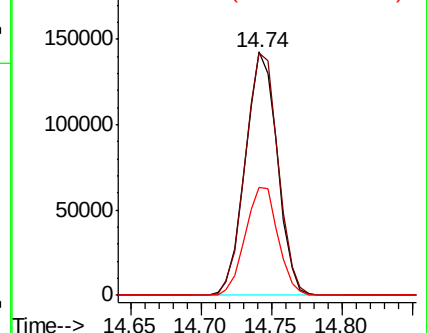
160 44.5 34.2 51.2



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: 59.728 ng

RT: 12.95 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Tgt Ion:216 Resp: 449408

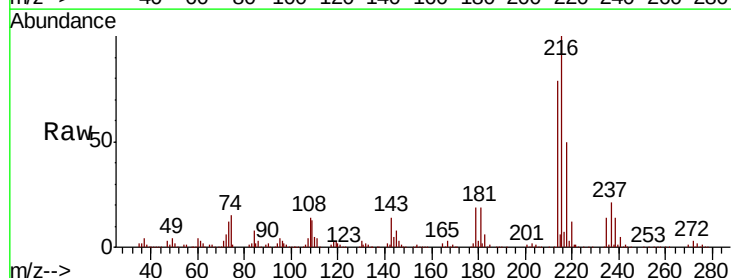
Ion Ratio Lower Upper

216 100

214 79.4 62.8 94.2

179 20.0 15.3 22.9

108 16.3 12.9 19.3

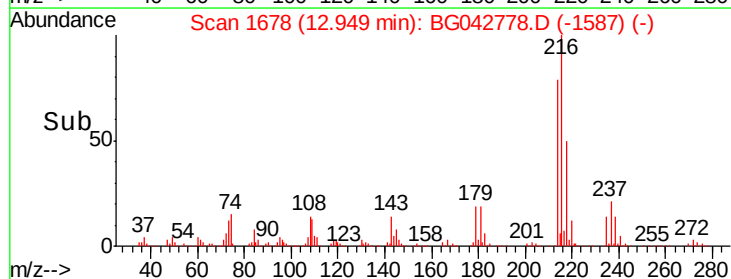
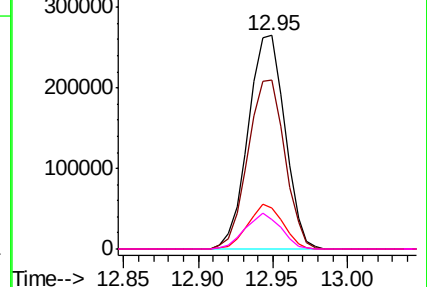


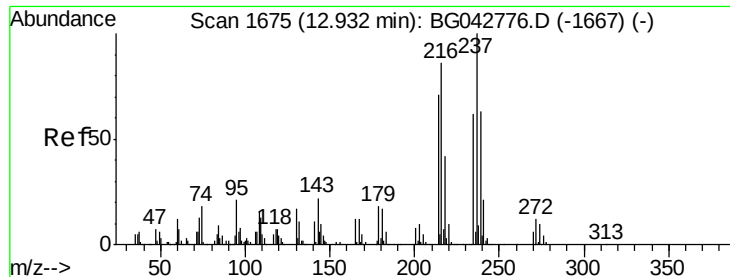
Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.188 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

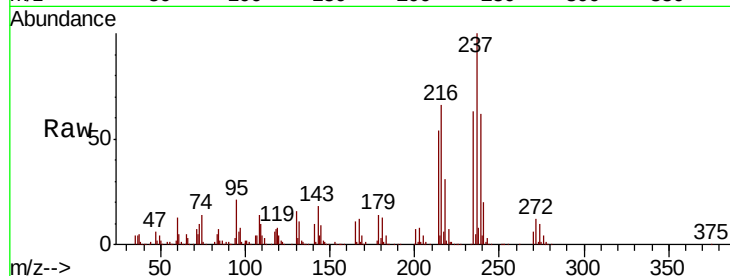
Tot Ion:237 Resp: 279453

Ion Ratio Lower Upper

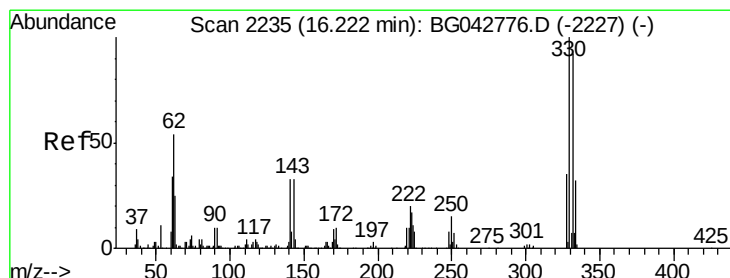
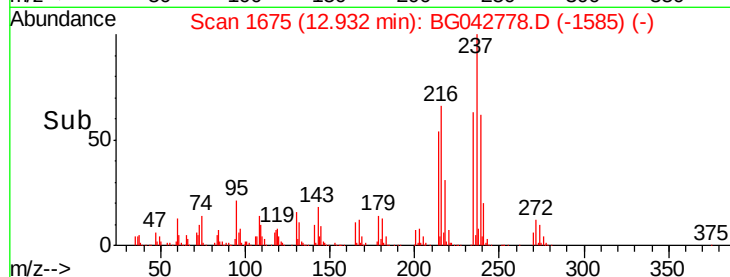
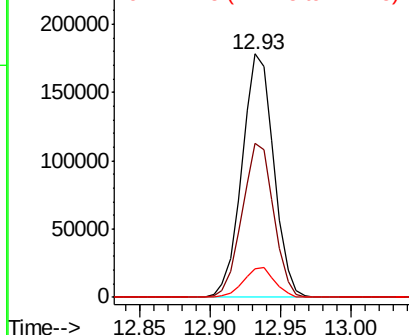
237 100

235 63.1 41.9 81.9

272 11.8 0.0 31.6



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: 128.904 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

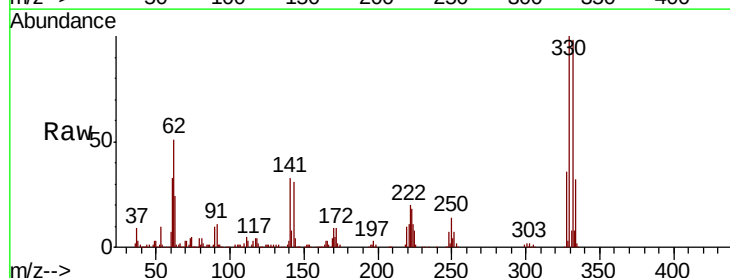
Tgt Ion:330 Resp: 370595

Ion Ratio Lower Upper

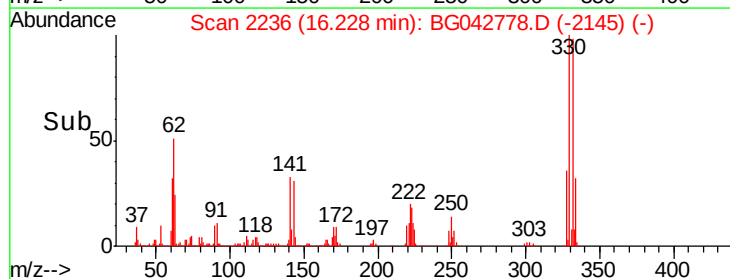
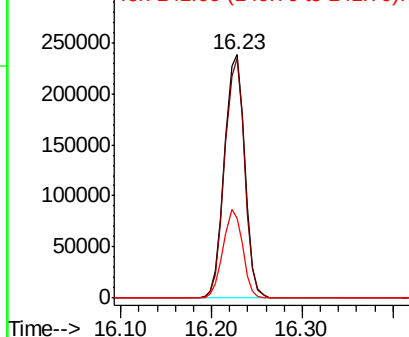
330 100

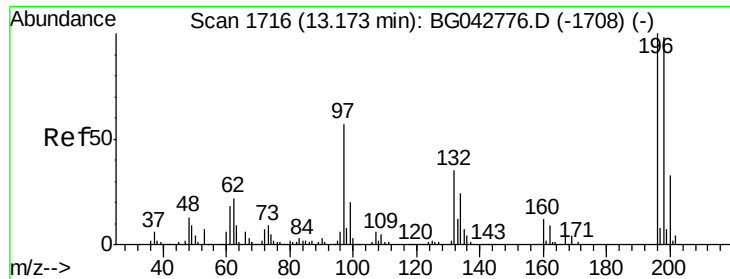
332 96.5 76.7 115.1

141 35.2 27.0 40.6



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

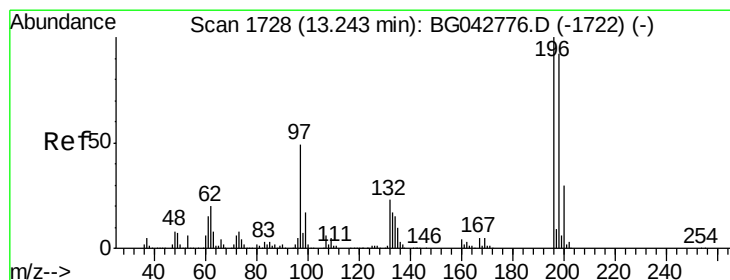
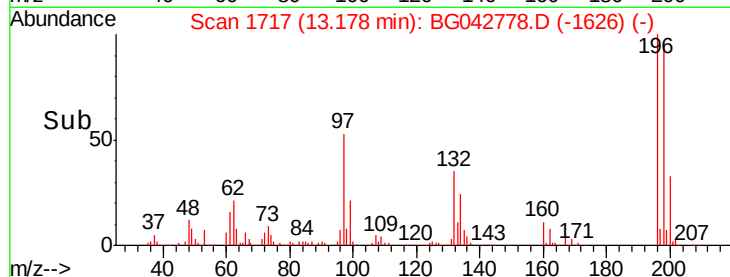
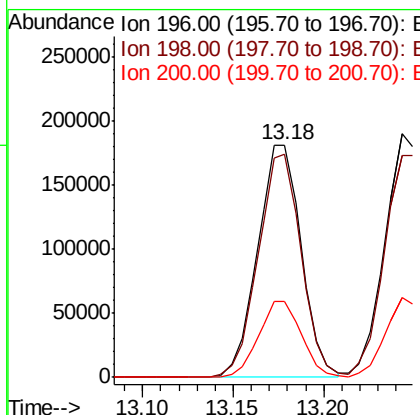
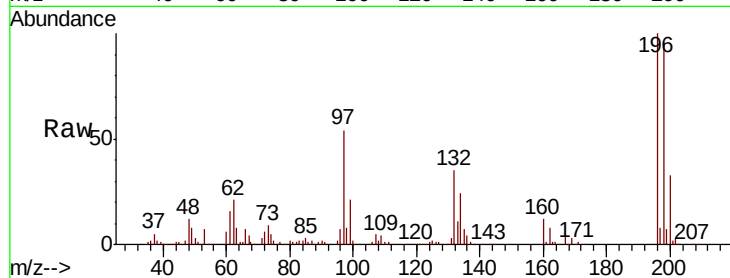




#43
 2,4,6-Trichlorophenol
 Concen: 63.938 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

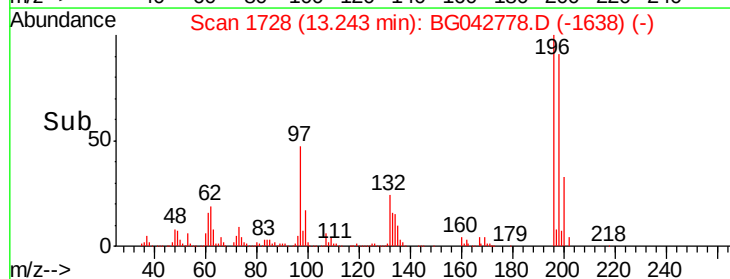
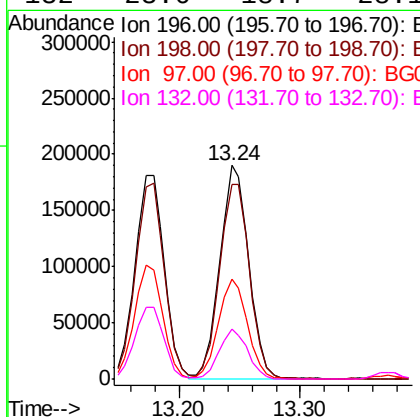
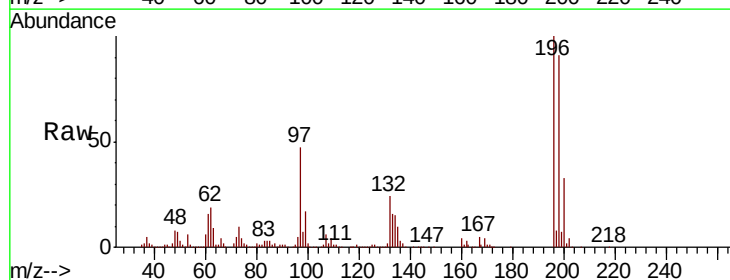
Instrument :
 BNA_G
 ClientSampled :

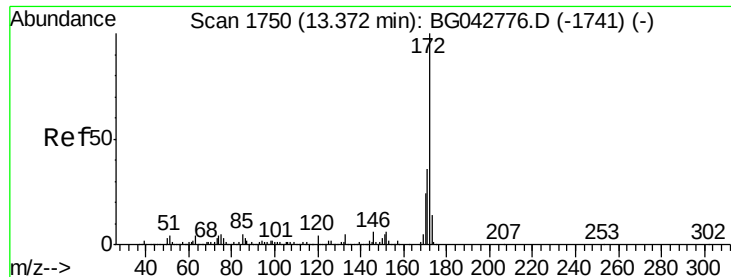
Tot Ion	196	Resp	303215
Ion Ratio	Lower	Upper	
196	100		
198	95.9	78.8	118.2
200	32.6	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 63.838 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion	196	Resp	313702
Ion Ratio	Lower	Upper	
196	100		
198	91.2	73.4	110.0
97	46.9	39.2	58.8
132	23.6	18.7	28.1



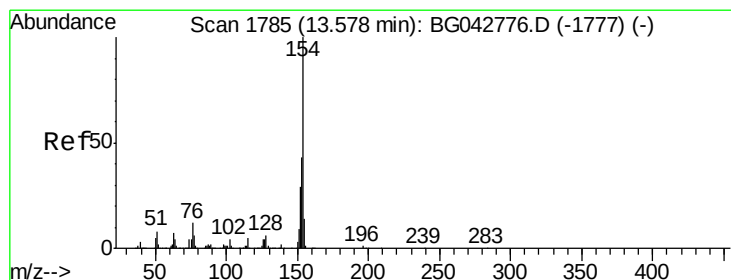
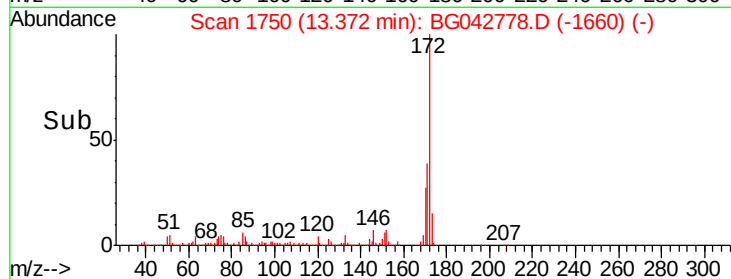
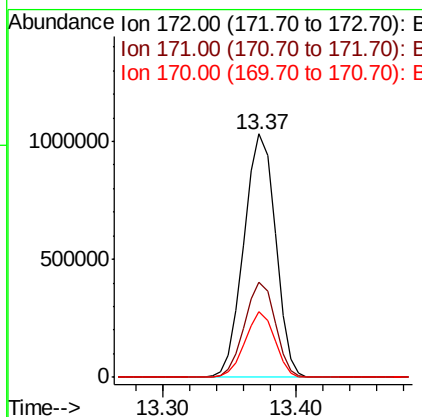
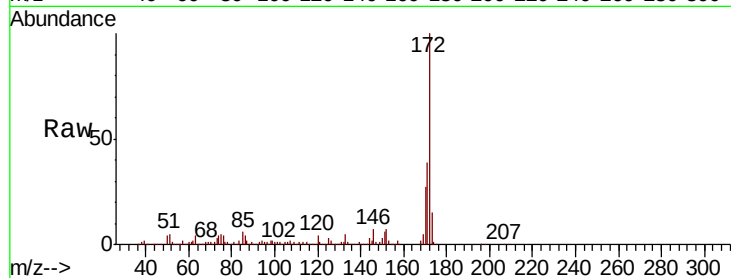


#45
 2-Fluorobiphenyl
 Concen: 117.339 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1686296

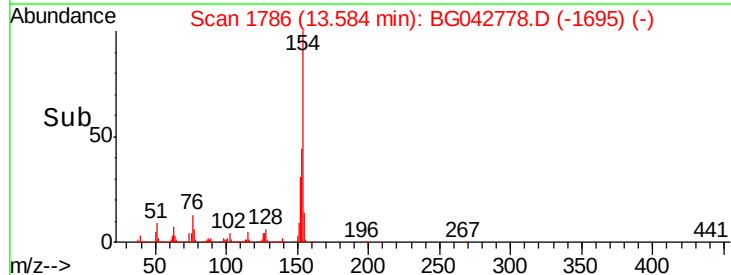
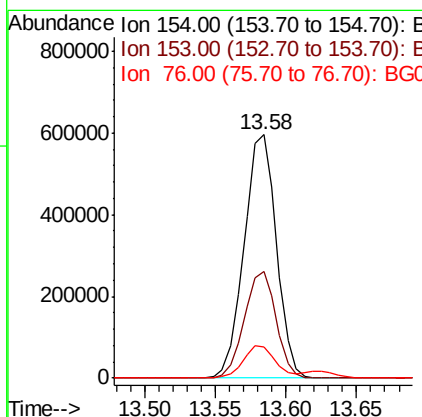
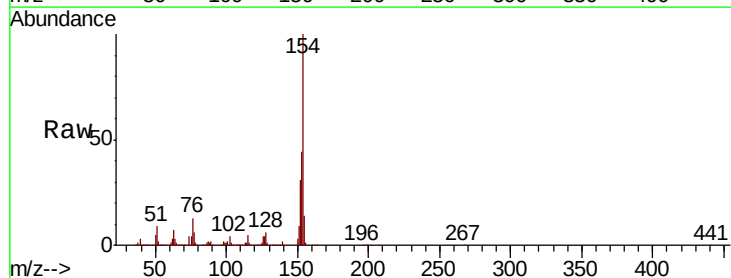
Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.9	43.3
170	26.9	19.1	28.7

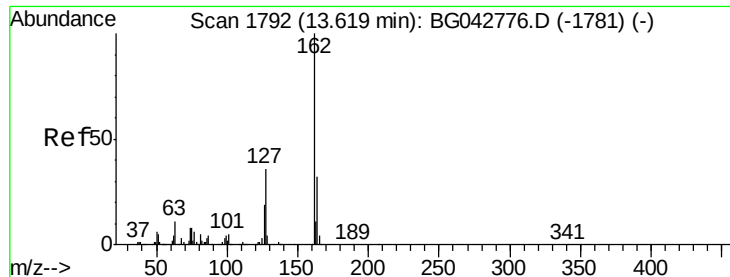


#46
 1,1'-Biphenyl
 Concen: 60.441 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion:154 Resp: 953520

Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.6	62.6
76	12.6	0.0	32.2

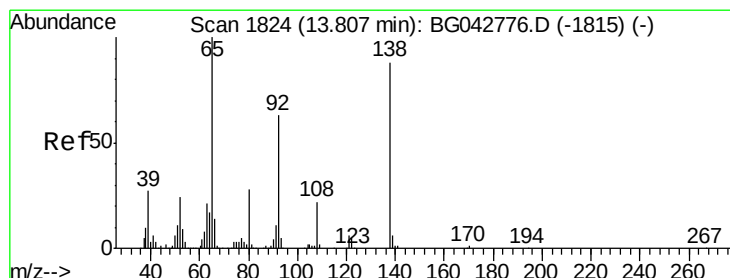
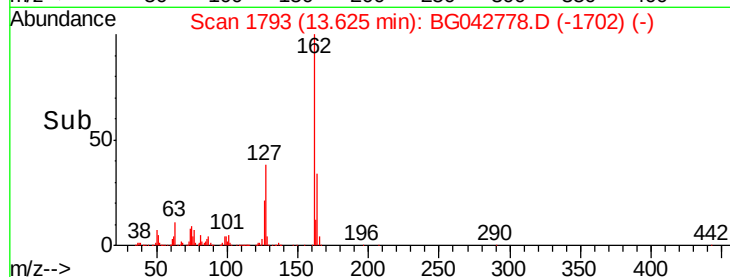
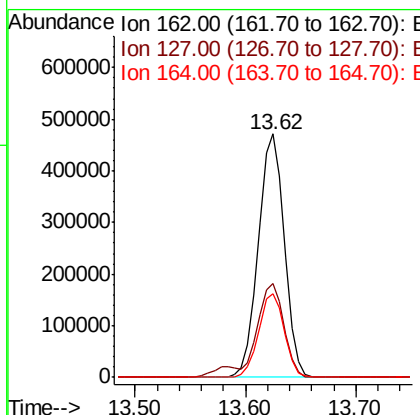
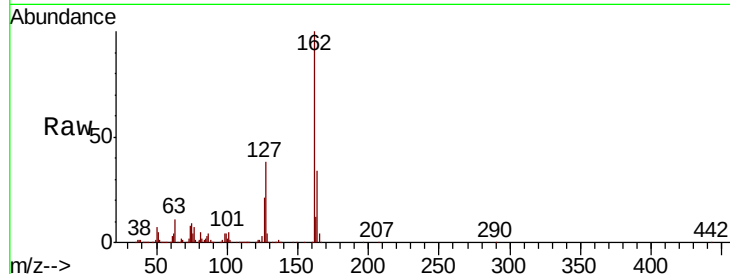




#47
 2-Chloronaphthalene
 Concen: 59.676 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

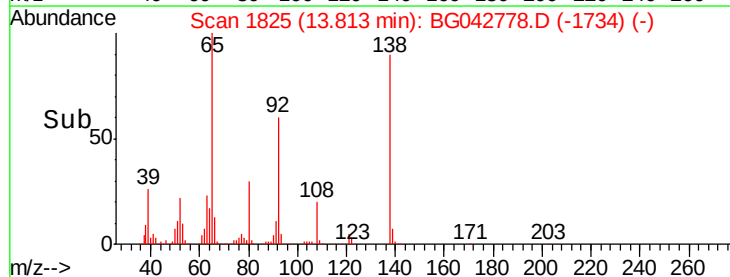
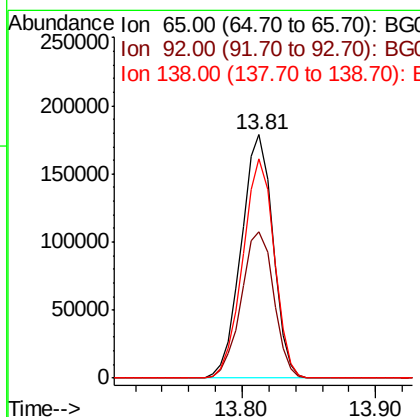
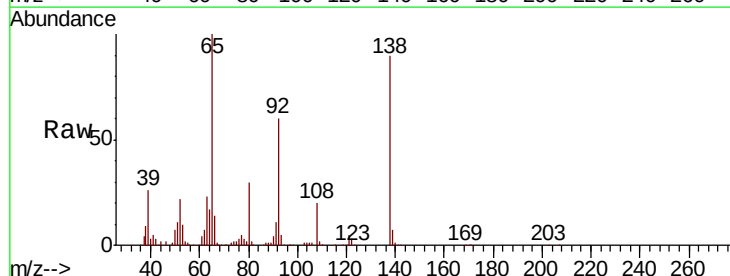
Instrument :
 BNA_G
 ClientSampleId :

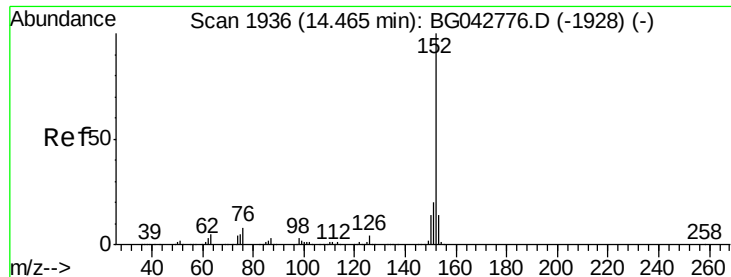
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	29.3	43.9
164	34.5	26.0	39.0



#48
 2-Nitroaniline
 Concen: 78.702 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.0	50.4	75.6
138	90.3	70.6	106.0





#49

Acenaphthylene

Concen: 59.608 ng

RT: 14.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

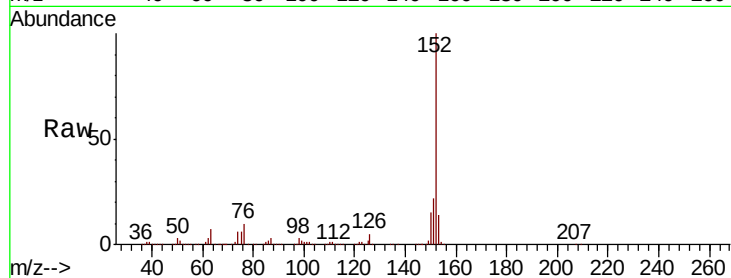
Tot Ion:152 Resp: 1202191

Ion Ratio Lower Upper

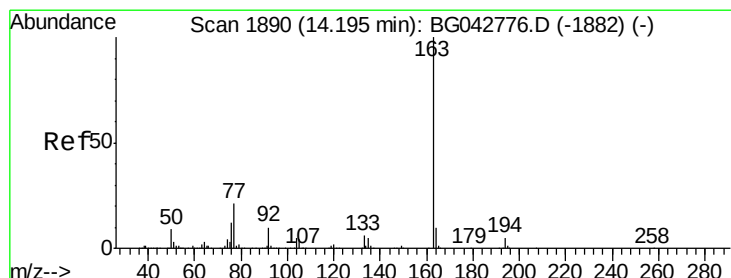
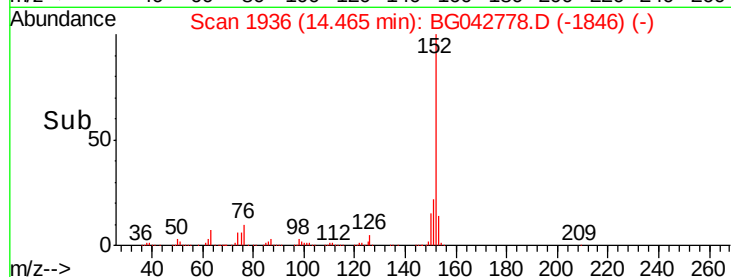
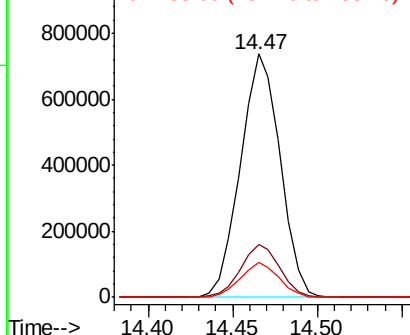
152 100

151 21.6 16.0 24.0

153 14.1 11.4 17.0



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: 59.329 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

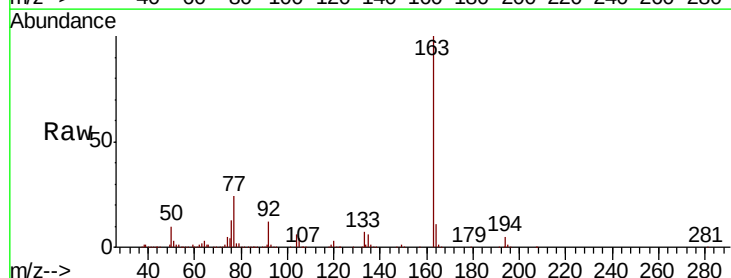
Tgt Ion:163 Resp: 1006109

Ion Ratio Lower Upper

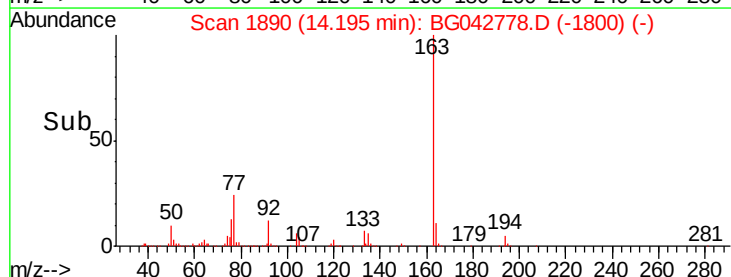
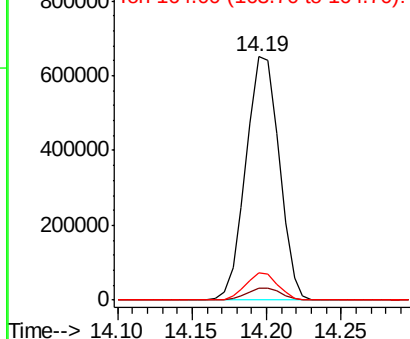
163 100

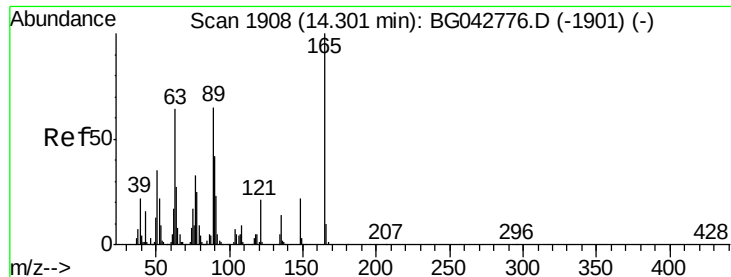
194 4.9 4.2 6.4

164 11.5 8.4 12.6



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: 75.159 ng

RT: 14.31 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

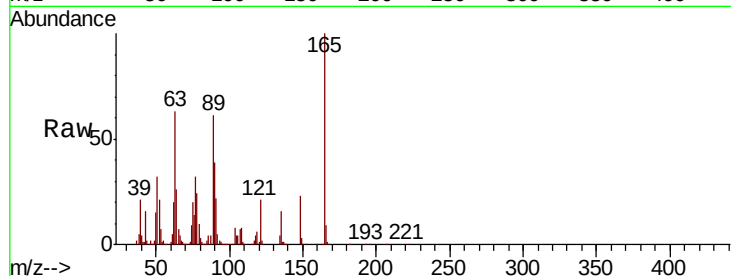
Tot Ion:165 Resp: 218800

Ion Ratio Lower Upper

165 100

63 63.2 52.1 78.1

89 61.2 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

14.31

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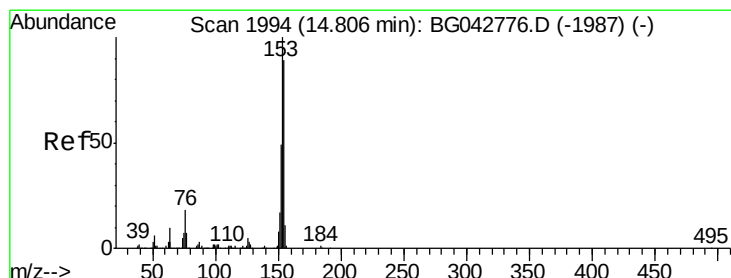
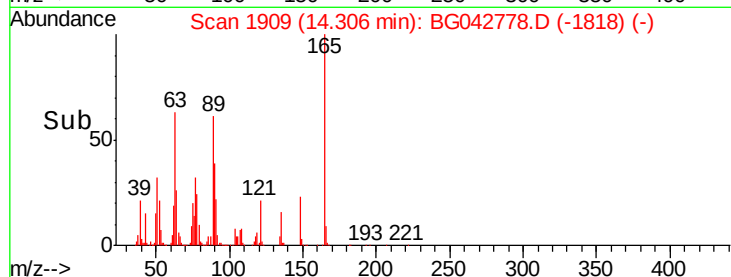
14.31

14.31

14.31

14.31

14.31



#52

Acenaphthene

Concen: 61.164 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

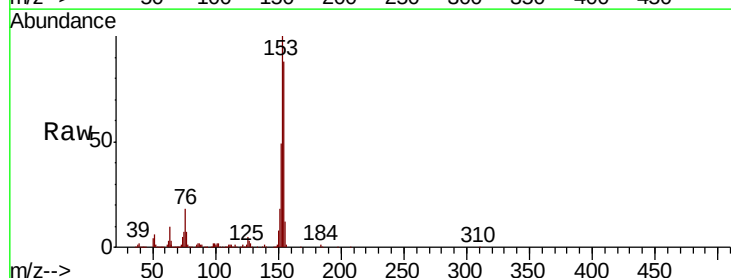
Tgt Ion:154 Resp: 788825

Ion Ratio Lower Upper

154 100

153 113.6 89.4 134.2

152 55.2 43.5 65.3



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

14.81

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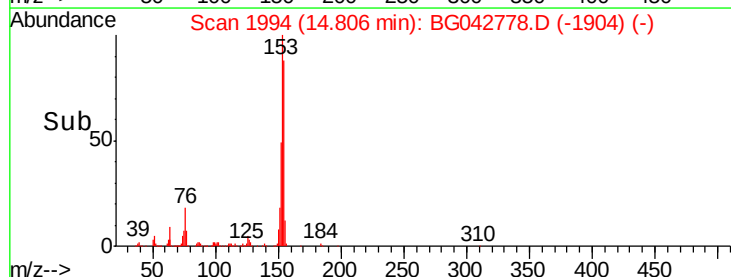
14.81

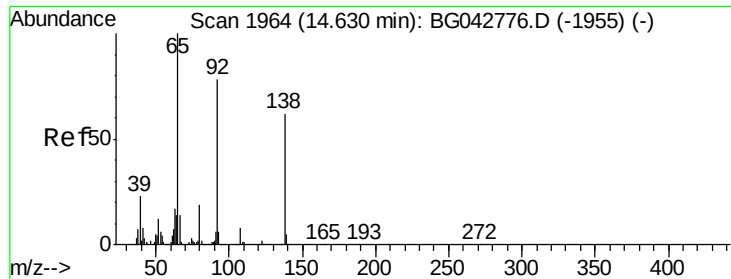
14.81

14.81

14.81

14.81

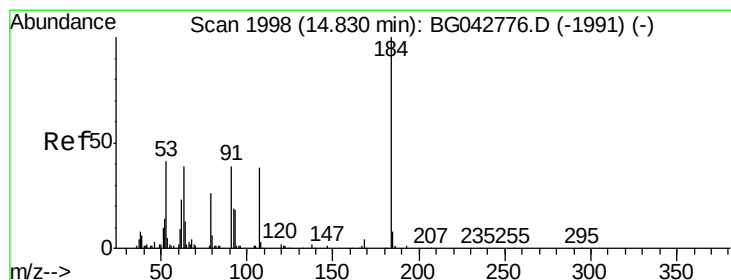
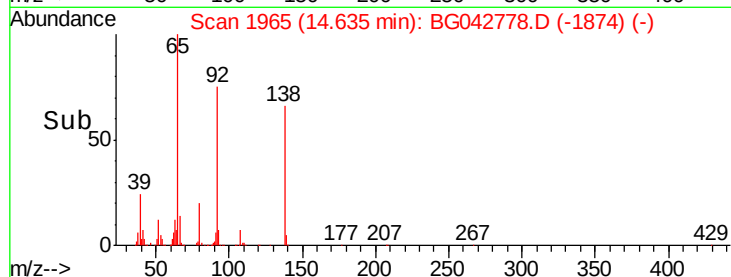
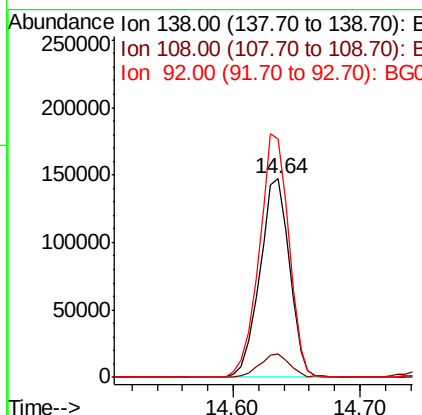
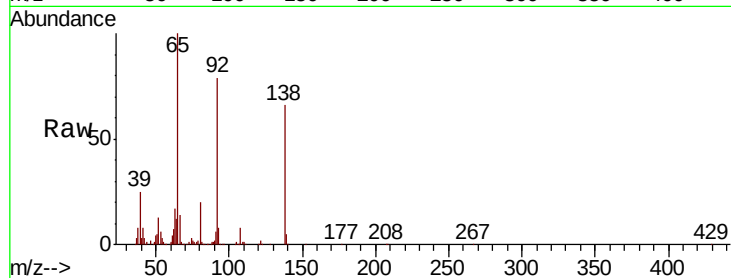




#53
3-Nitroaniline
Concen: 71.029 ng
RT: 14.64 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

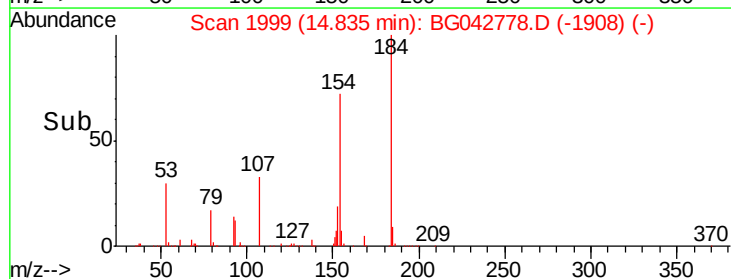
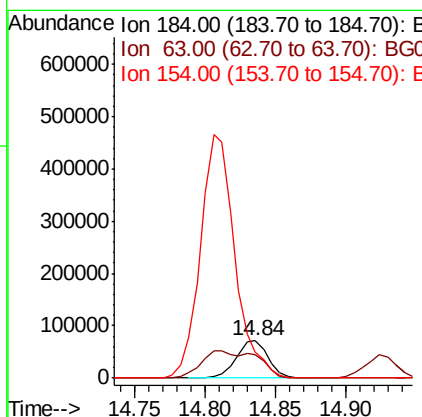
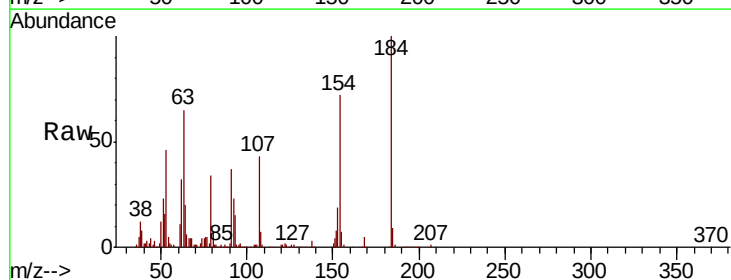
Instrument :
BNA_G
ClientSampleId :

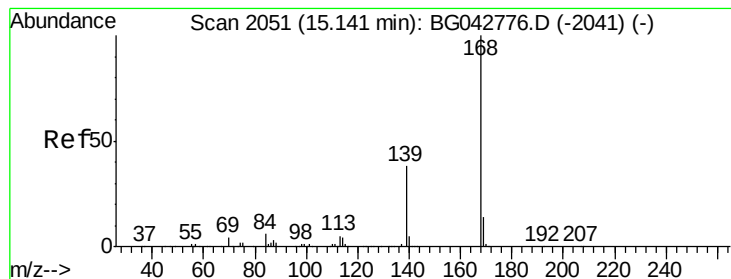
Tot Ion:138 Resp: 240451
Ion Ratio Lower Upper
138 100
108 11.7 10.7 16.1
92 120.4 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 78.317 ng
RT: 14.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion:184 Resp: 111600
Ion Ratio Lower Upper
184 100
63 64.7 46.2 69.4
154 72.0 81.3 121.9#





#55

Dibenzenofuran

Concen: 59.256 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

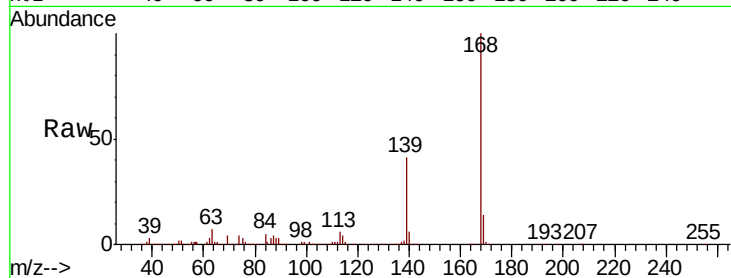
Tot Ion:168 Resp: 1154551

Ion Ratio Lower Upper

168 100

139 40.7 30.2 45.4

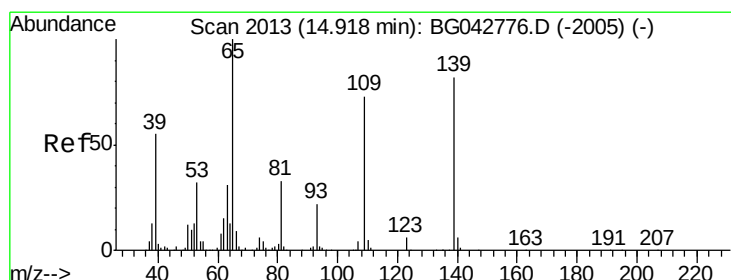
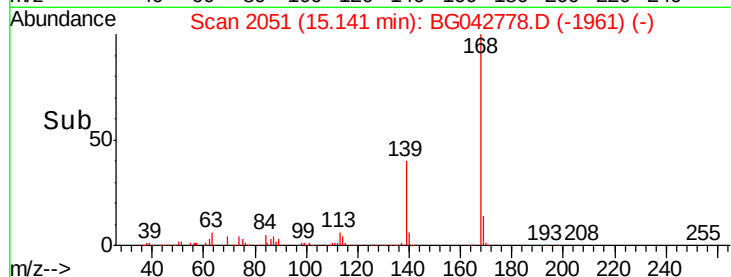
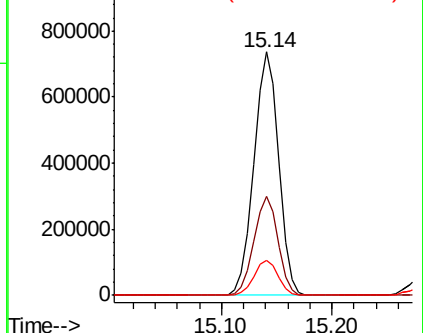
169 14.3 11.2 16.8



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: 69.030 ng

RT: 14.92 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

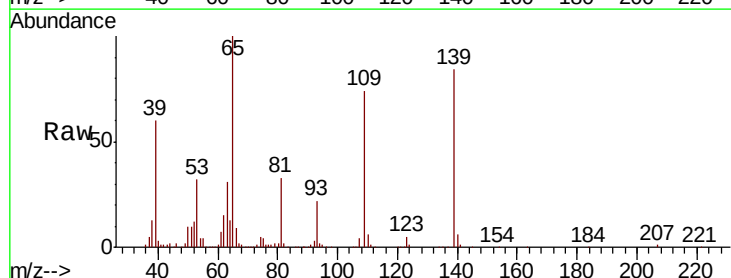
Tgt Ion:139 Resp: 185942

Ion Ratio Lower Upper

139 100

109 88.1 69.4 109.4

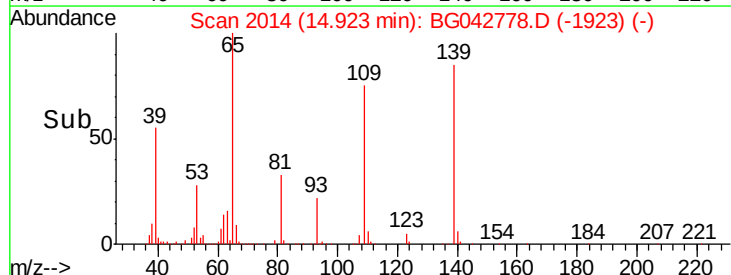
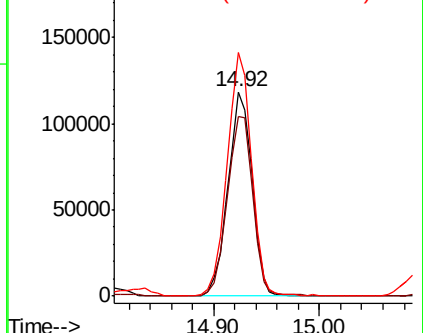
65 119.1 102.5 142.5

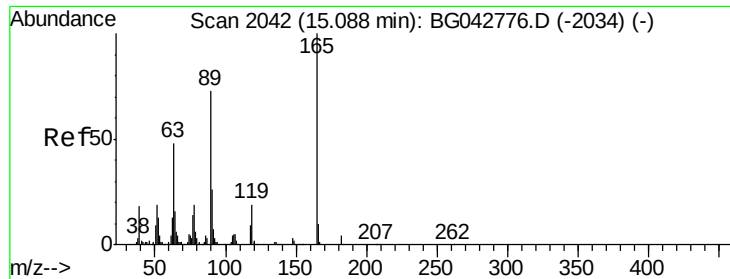


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

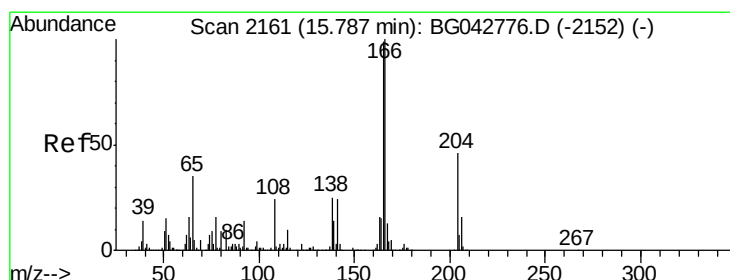
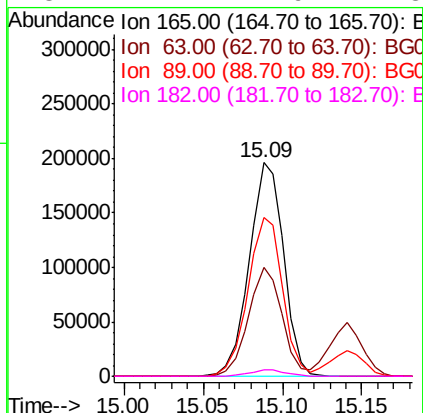
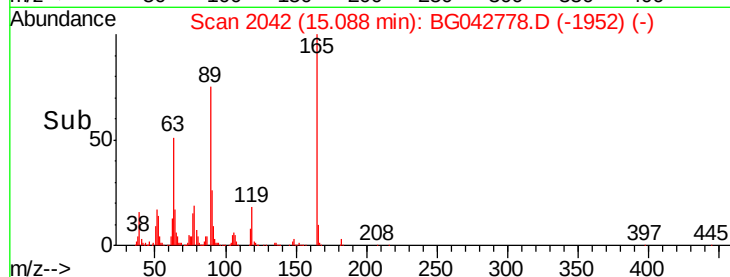
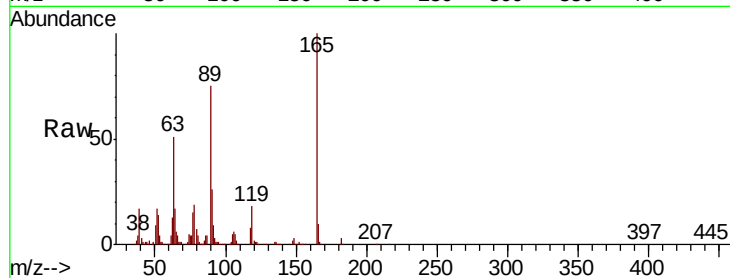




#57
 2,4-Dinitrotoluene
 Concen: 80.057 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

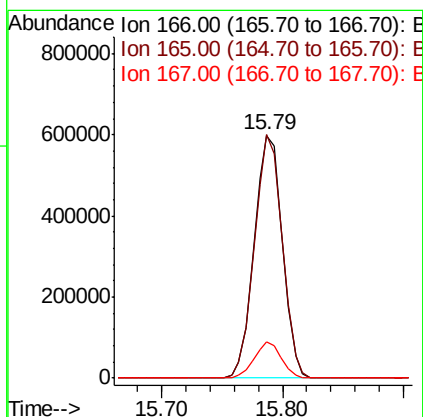
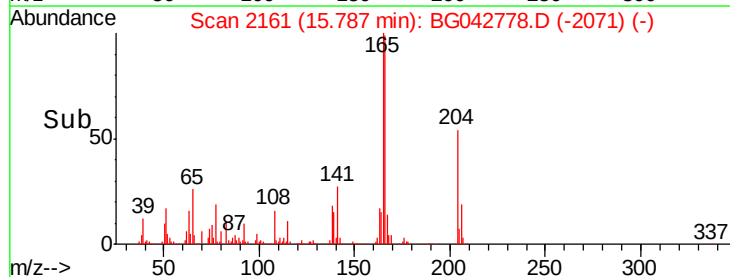
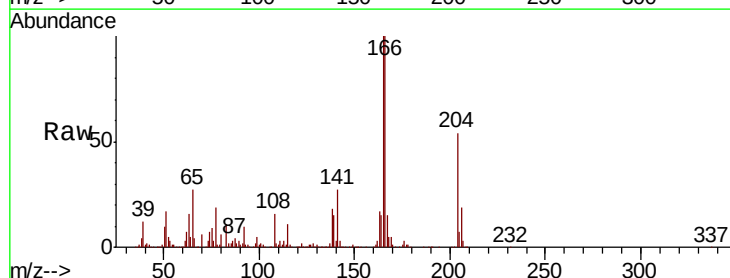
Instrument :
 BNA_G
 ClientSampleId :

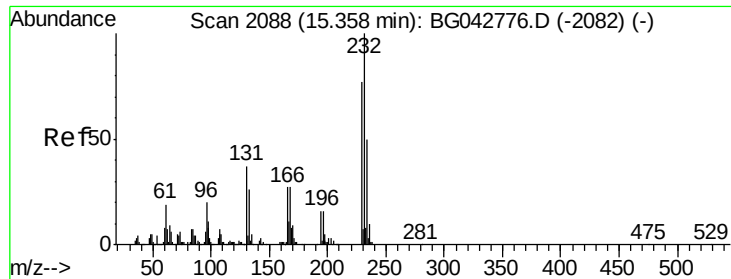
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	38.3	57.5
89	74.6	58.4	87.6
182	2.7	2.9	4.3



#58
 Fluorene
 Concen: 60.116 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.1	118.7
167	14.8	10.7	16.1

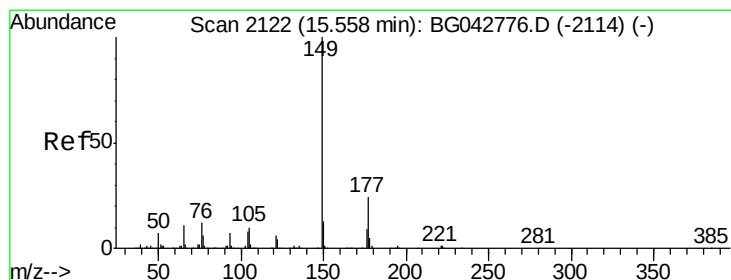
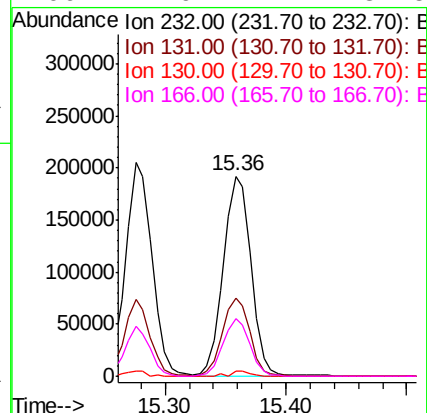
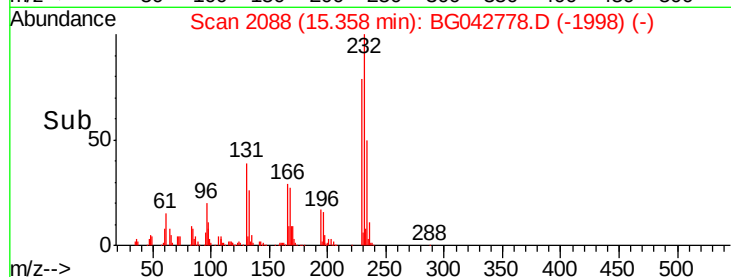
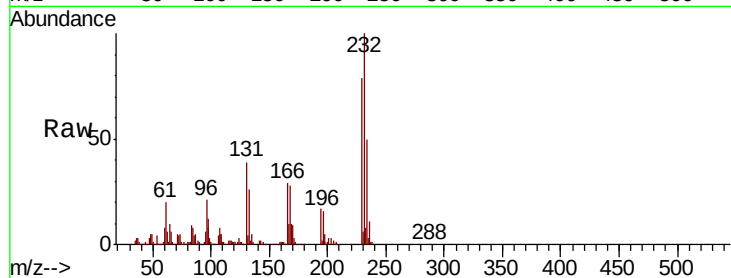




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 63.558 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

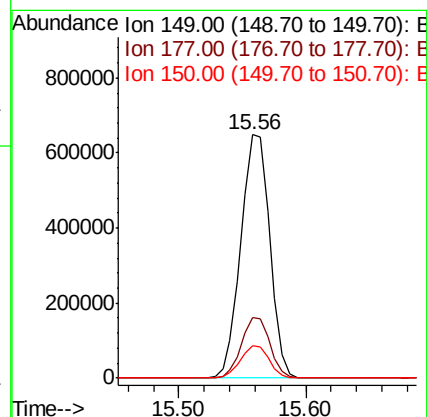
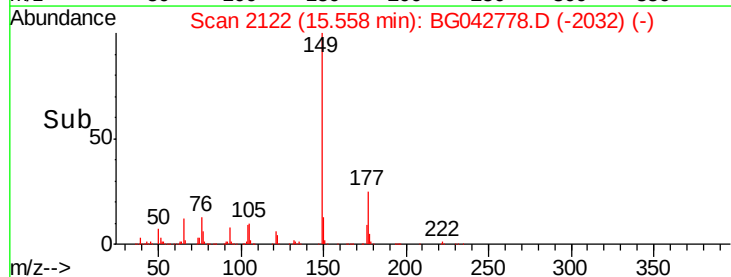
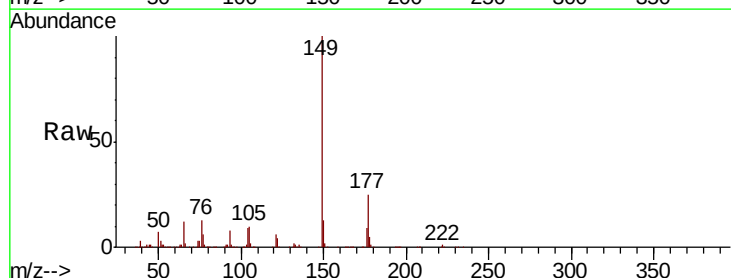
Instrument :
 BNA_G
 ClientSampleId :

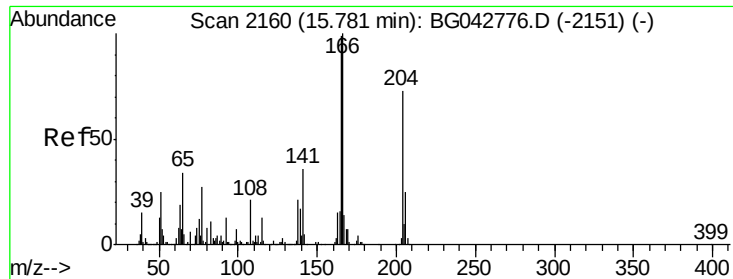
Tot Ion:	232	Resp:	303157
Ion	Ratio	Lower	Upper
232	100		
131	38.4	31.1	46.7
130	2.1	1.8	2.6
166	27.9	21.7	32.5



#60
 Diethylphthalate
 Concen: 59.302 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

Tgt Ion:	149	Resp:	1023245
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.4	29.0
150	13.2	10.2	15.4

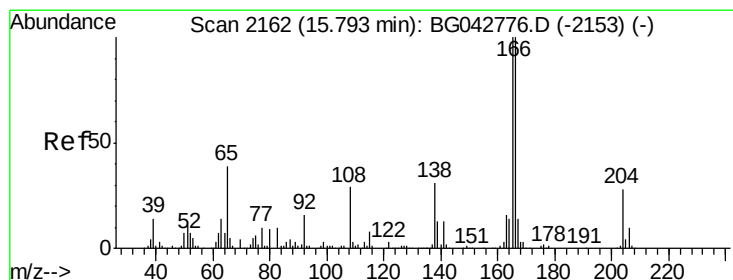
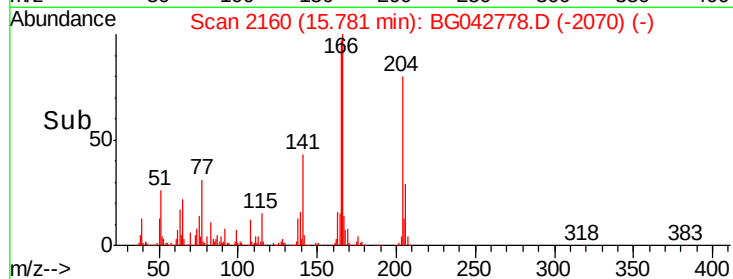
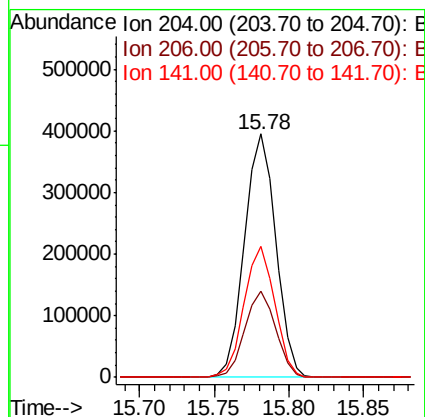
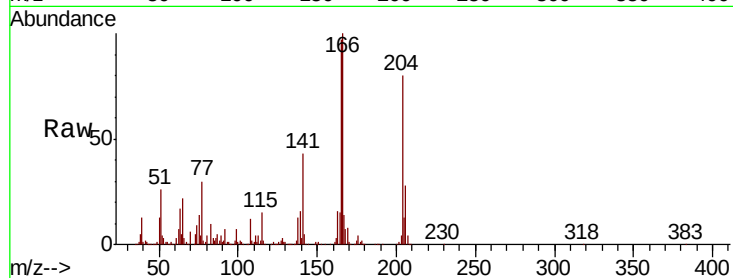




#61
4-Chlorophenyl-phenylether
Concen: 59.942 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

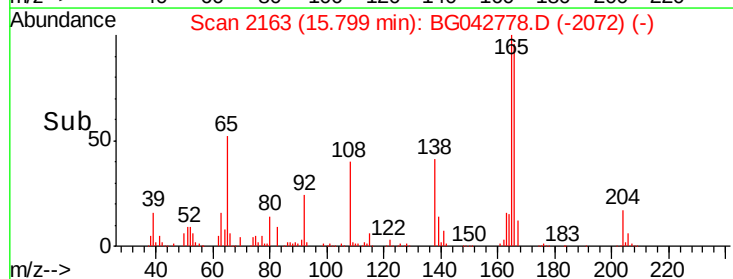
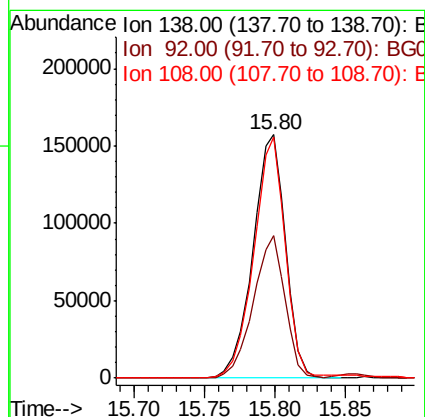
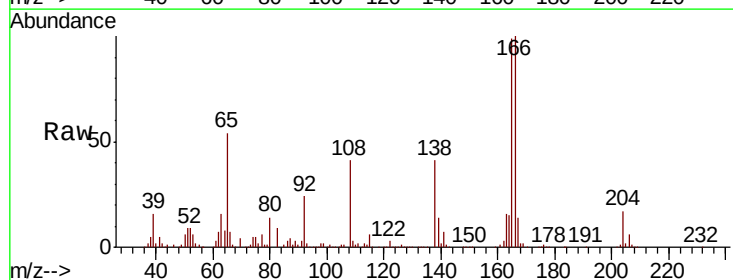
Instrument :
BNA_G
ClientSampleId :

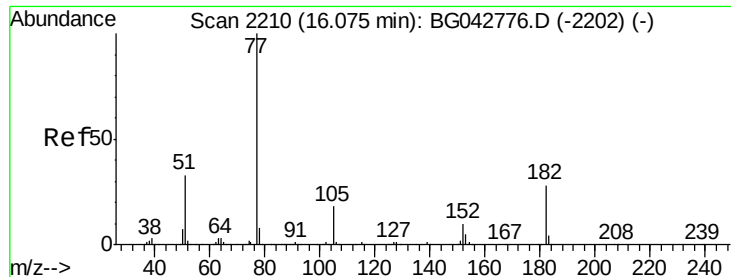
Tot Ion:204 Resp: 570946
Ion Ratio Lower Upper
204 100
206 35.5 27.6 41.4
141 53.6 39.8 59.6



#62
4-Nitroaniline
Concen: 66.067 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion:138 Resp: 254861
Ion Ratio Lower Upper
138 100
92 58.3 31.4 71.4
108 98.9 74.8 114.8

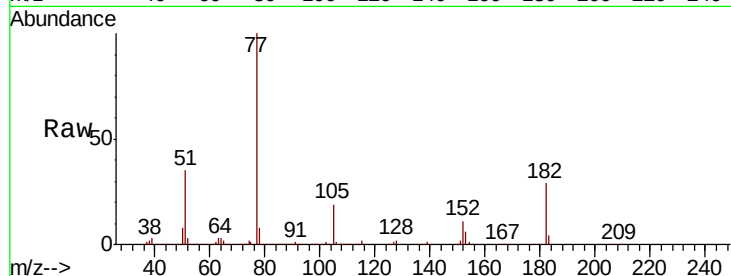




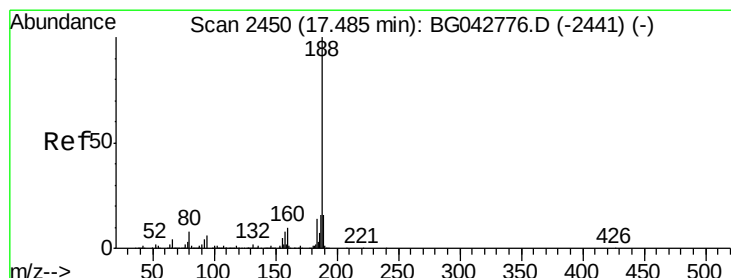
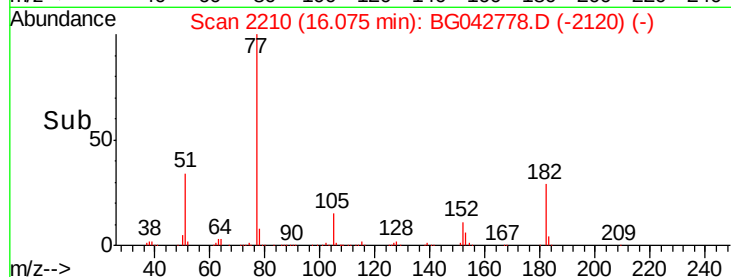
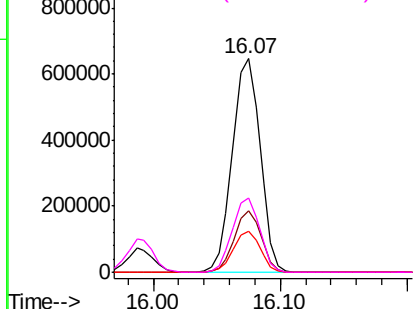
#63
Azobenzene
Concen: 58.874 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	980158
Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.1	48.1
105	18.9	0.0	38.1
51	34.6	12.9	52.9

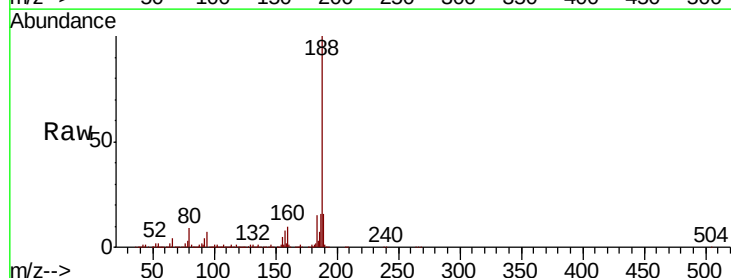


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

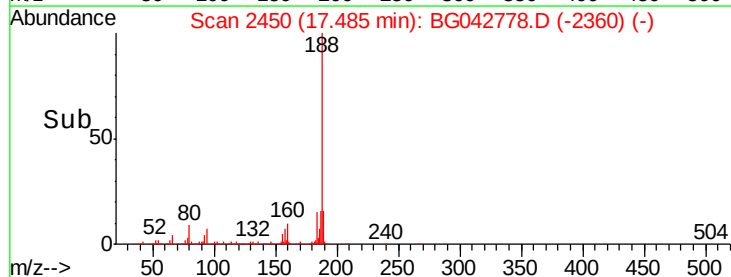
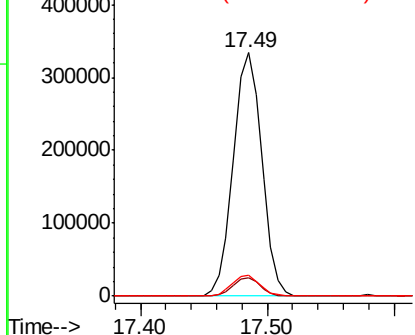


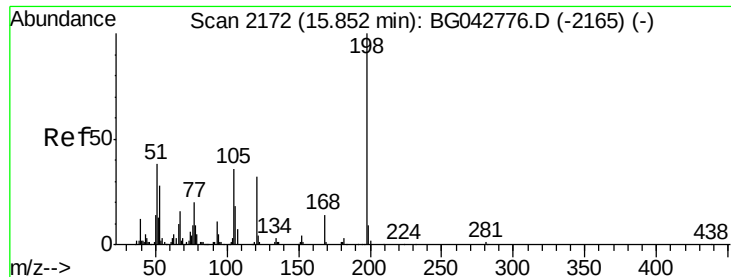
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion:	188	Resp:	519320
Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.8	7.2#
80	8.8	6.6	9.8



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

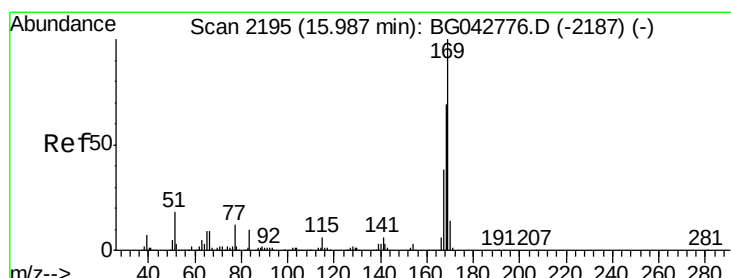
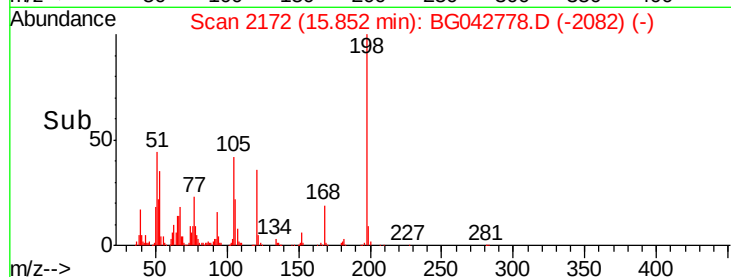
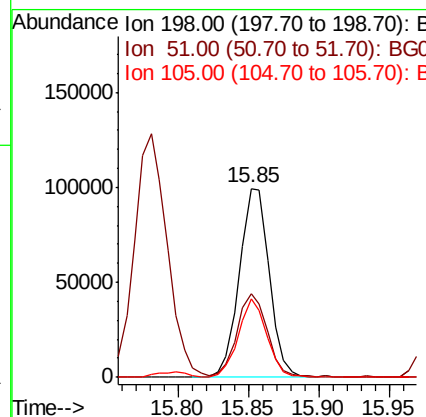
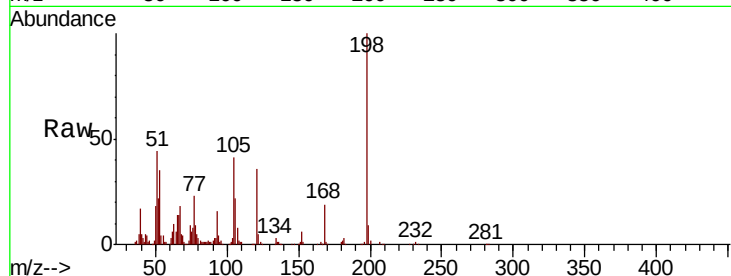




#65
4,6-Dinitro-2-methylphenol
Concen: 82.412 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

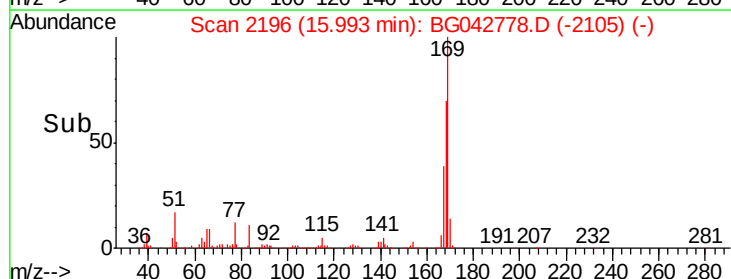
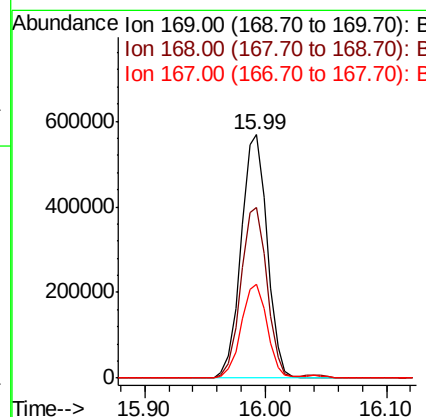
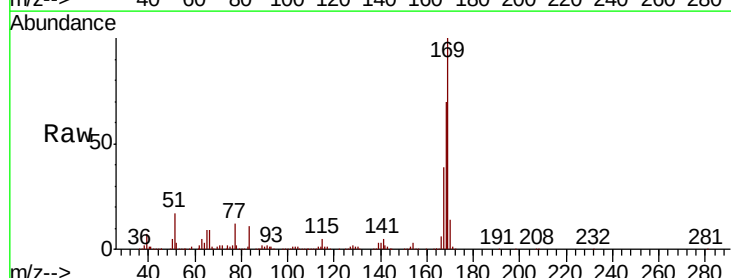
Instrument :
BNA_G
ClientSampleId :

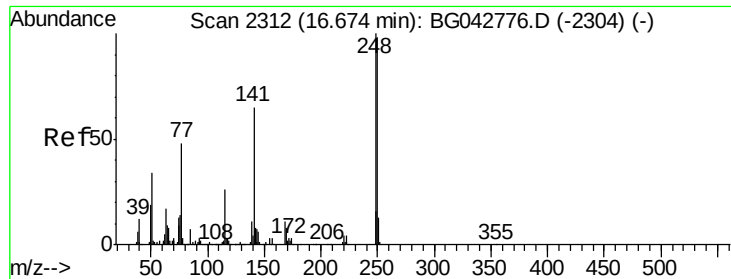
Tot Ion	198	Resp	147348
Ion Ratio	100	Lower	Upper
51	44.0	20.9	60.9
105	41.5	16.4	56.4



#66
n-Nitrosodiphenylamine
Concen: 61.036 ng
RT: 15.99 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion	169	Resp	857831
Ion Ratio	100	Lower	Upper
168	70.2	55.4	83.2
167	38.7	30.4	45.6

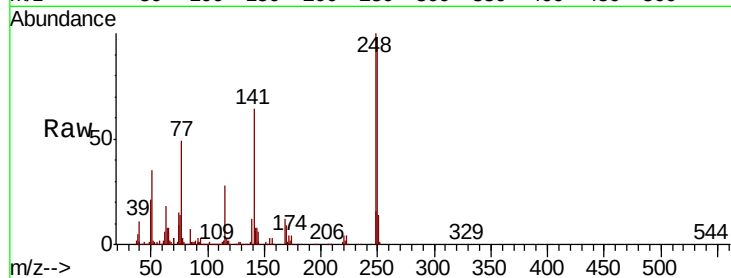




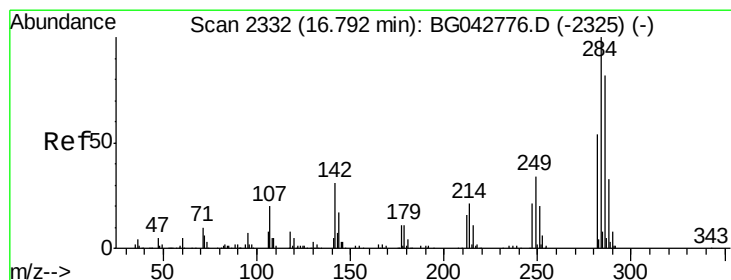
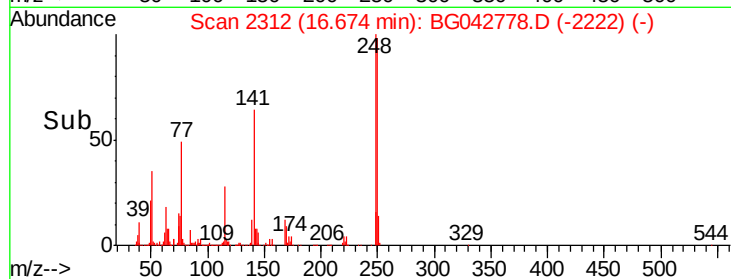
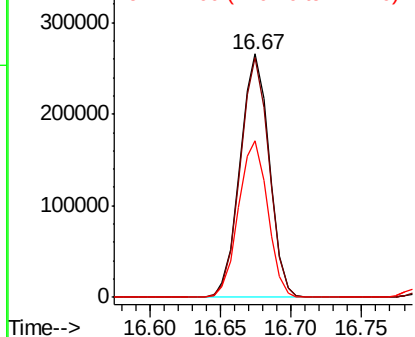
#67
4-Bromophenyl-phenylether
Concen: 61.126 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 384421
Ion Ratio Lower Upper
248 100
250 98.3 78.0 117.0
141 64.1 51.8 77.6

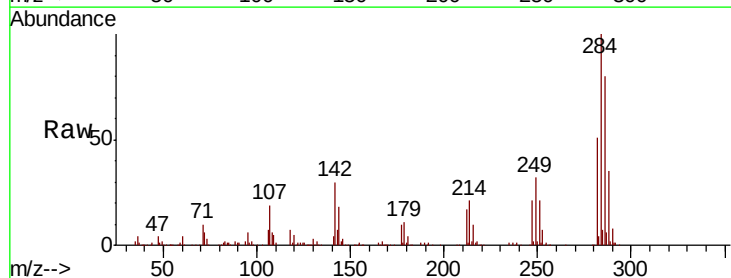


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

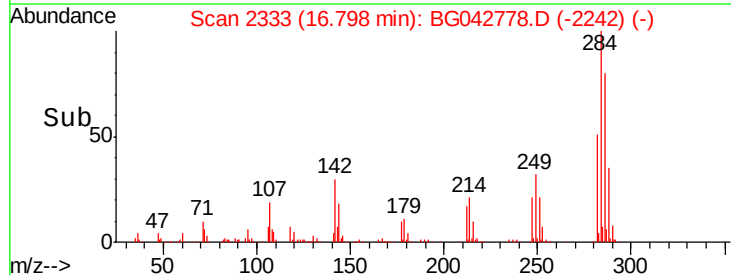
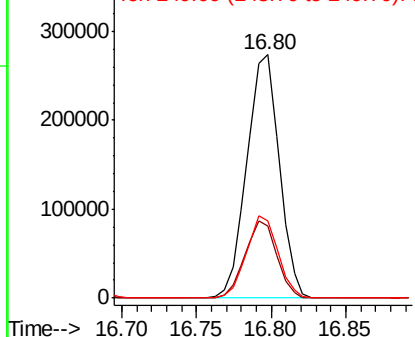


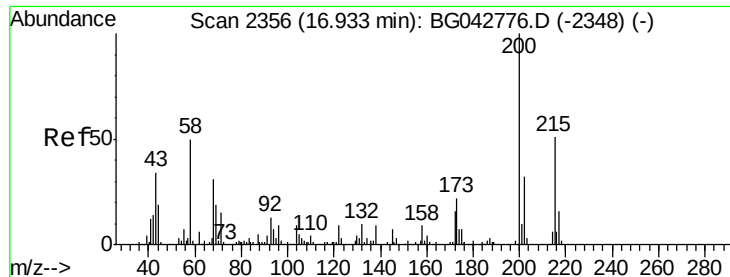
#68
Hexachlorobenzene
Concen: 61.778 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion:284 Resp: 411000
Ion Ratio Lower Upper
284 100
142 29.6 24.7 37.1
249 31.8 27.0 40.4



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





#69

Atrazine

Concen: 51.938 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

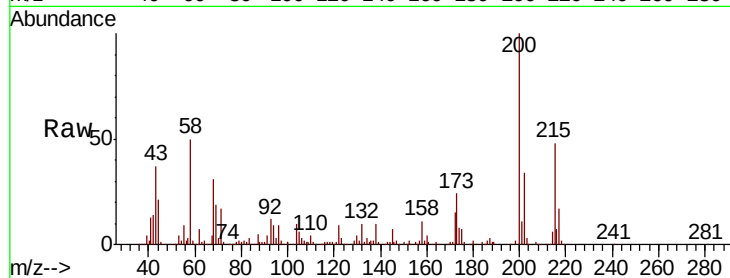
Tot Ion:200 Resp: 234295

Ion Ratio Lower Upper

200 100

173 23.6 2.5 42.5

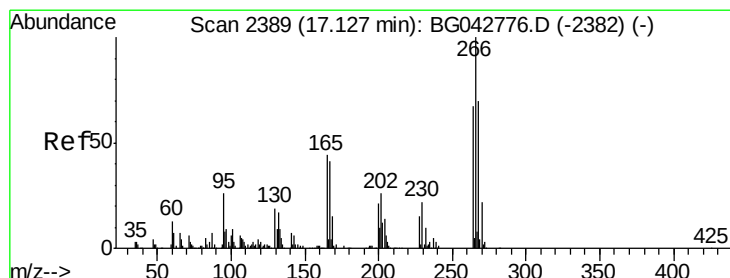
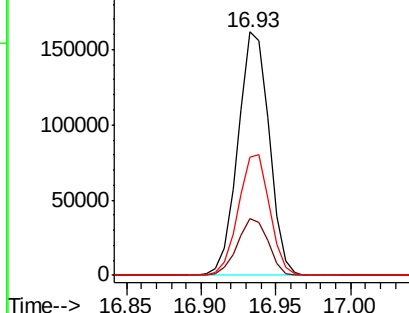
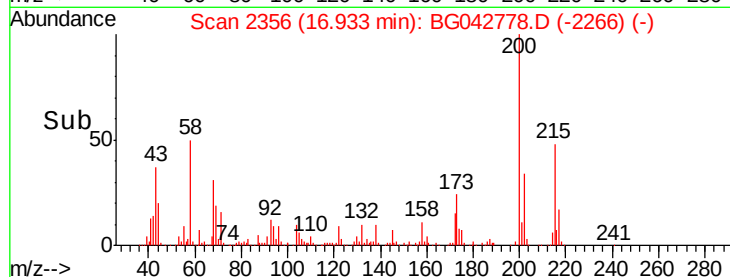
215 48.3 31.0 71.0



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: 67.308 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

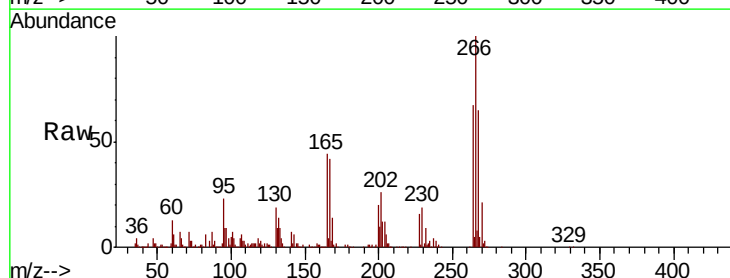
Tgt Ion:266 Resp: 251943

Ion Ratio Lower Upper

266 100

268 65.3 56.2 84.4

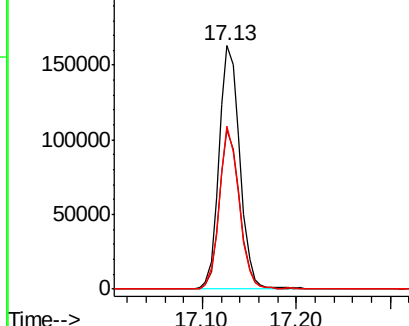
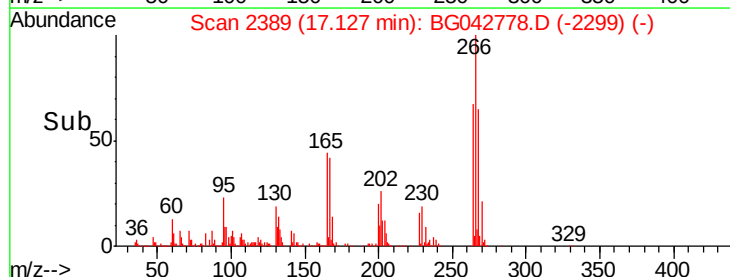
264 66.7 53.4 80.2

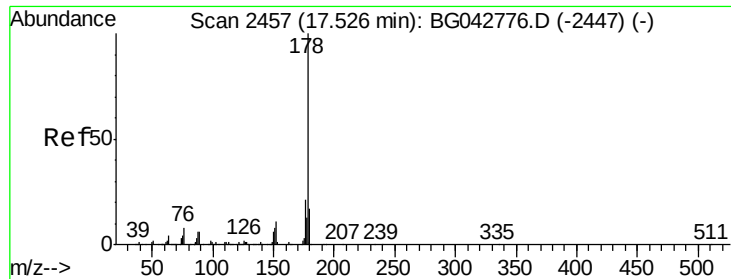


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 60.222 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampled :

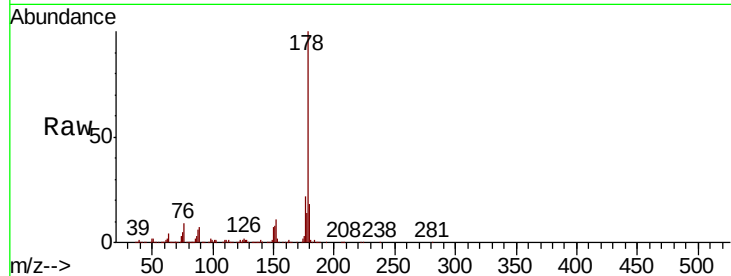
Tot Ion:178 Resp: 1503203

Ion Ratio Lower Upper

178 100

176 22.1 17.0 25.4

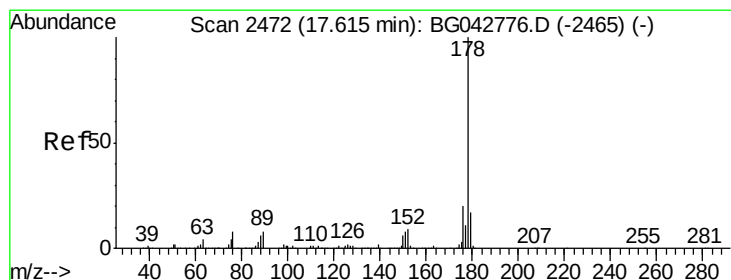
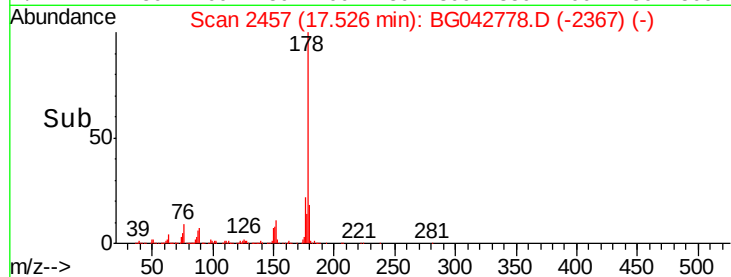
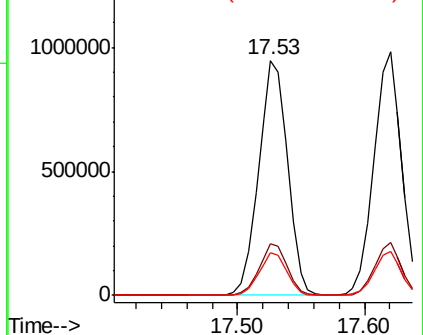
179 18.2 13.6 20.4



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: 59.753 ng

RT: 17.62 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

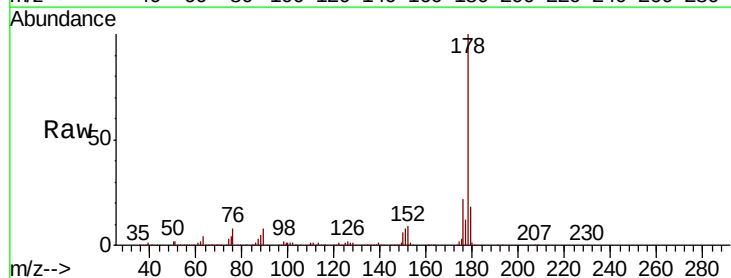
Tgt Ion:178 Resp: 1492116

Ion Ratio Lower Upper

178 100

176 21.8 16.2 24.4

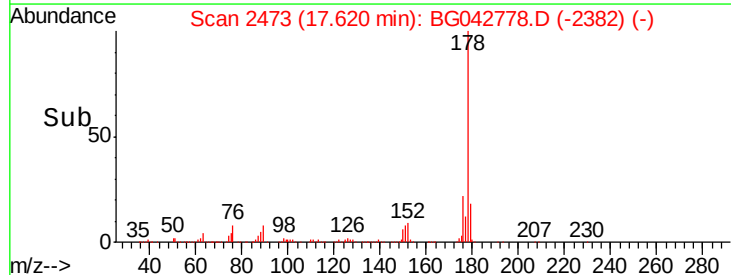
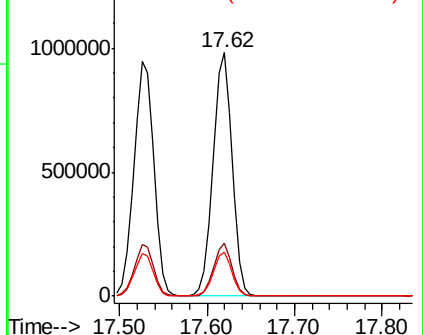
179 18.1 13.6 20.4

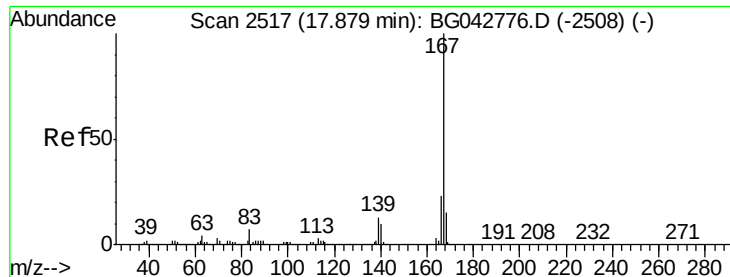


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



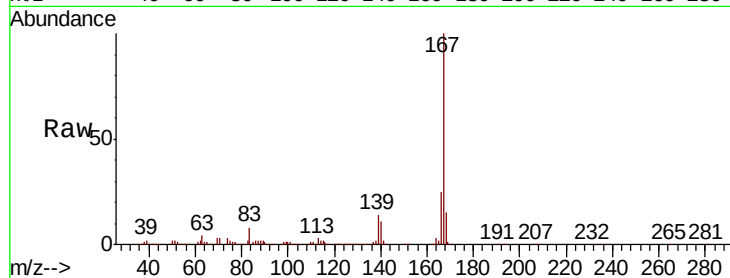


#73
 Carbazole
 Concen: 58.765 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

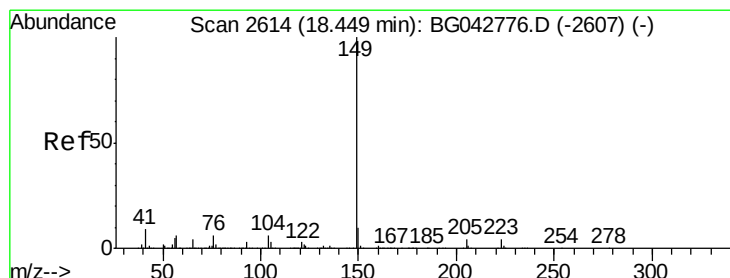
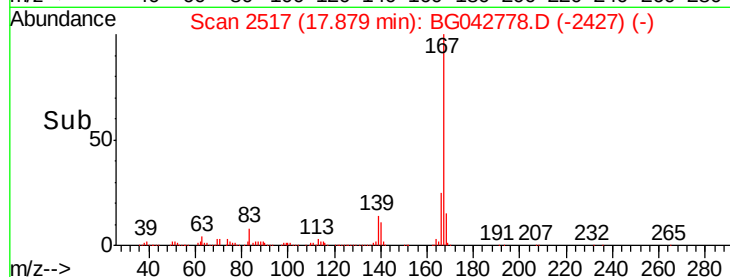
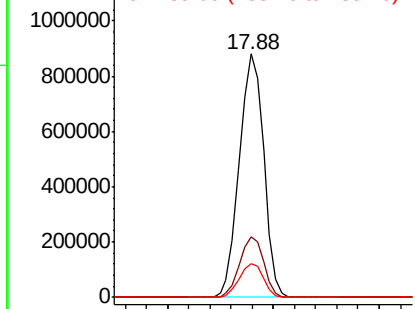
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1406968

Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.3	27.5
139	13.9	10.2	15.4



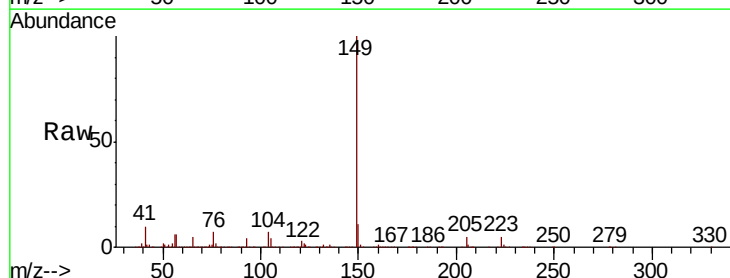
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



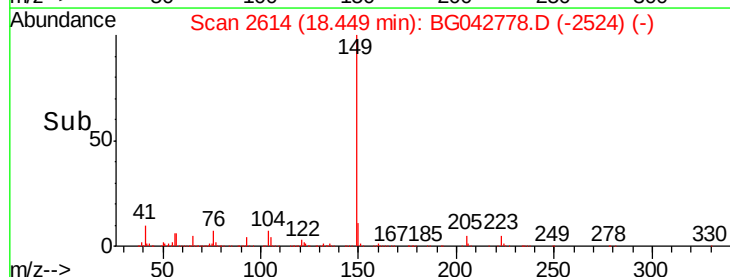
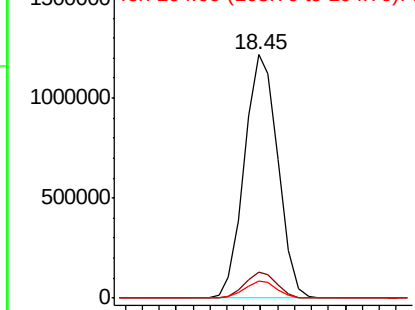
#74
 Di-n-butylphthalate
 Concen: 58.378 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG042778.D
 Acq: 12 Sep 2019 11:48

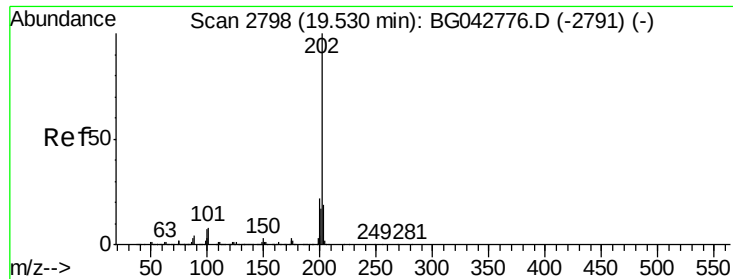
Tgt Ion:149 Resp: 1673578

Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.0	12.0
104	6.8	5.1	7.7



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: 57.325 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

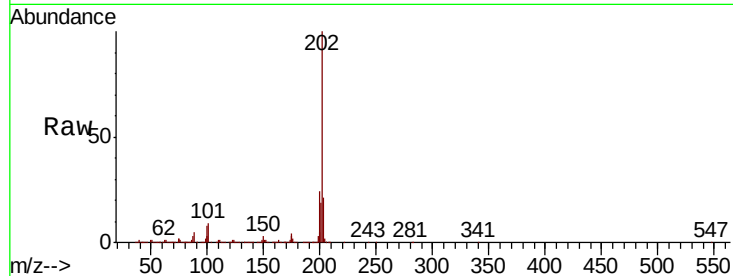
Tot Ion:202 Resp: 1895929

Ion Ratio Lower Upper

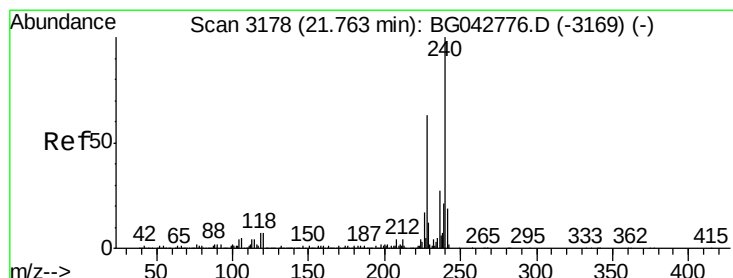
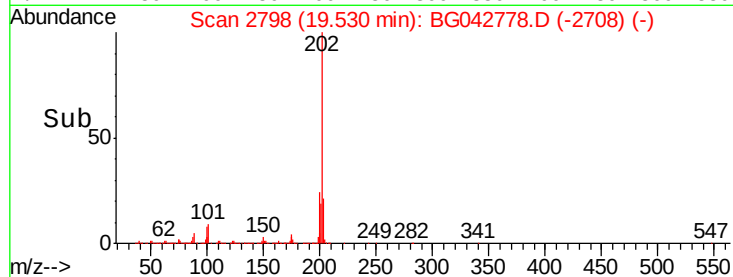
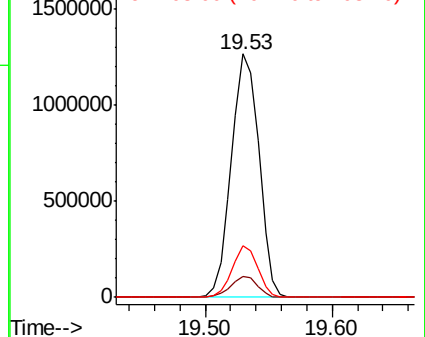
202 100

101 8.5 0.0 27.8

203 21.2 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

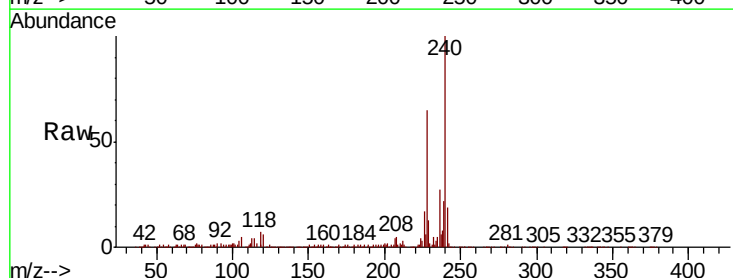
Tgt Ion:240 Resp: 502871

Ion Ratio Lower Upper

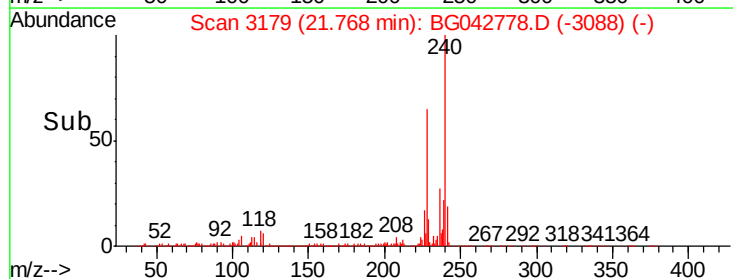
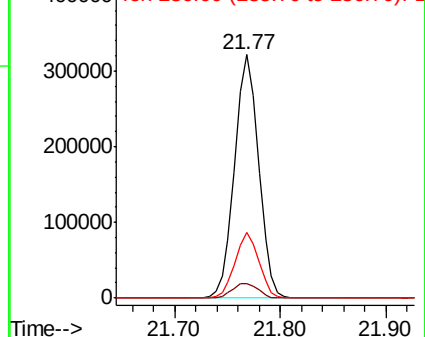
240 100

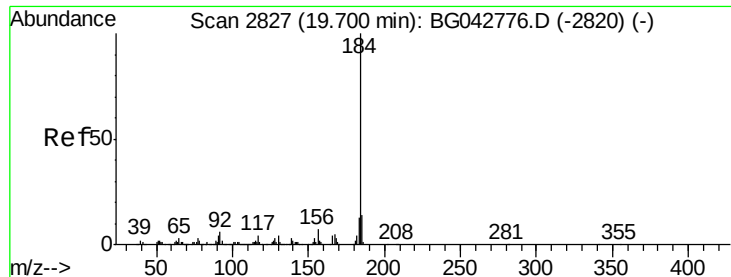
120 5.9 5.4 8.2

236 26.8 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.066 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

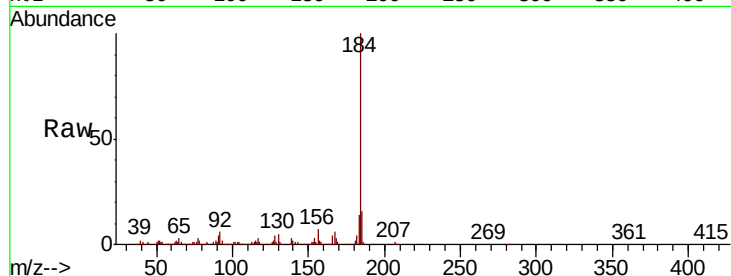
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 777448

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.6	17.4
183	14.0	10.4	15.6

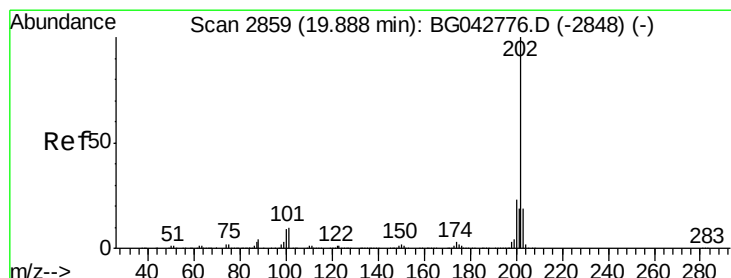
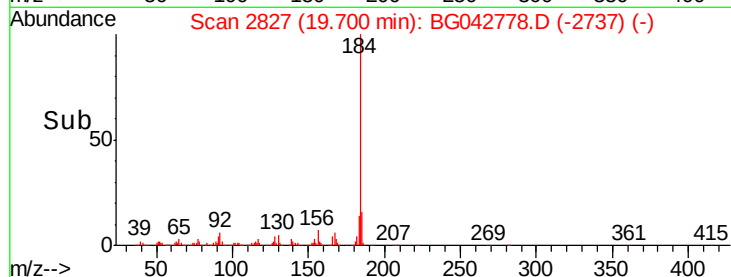
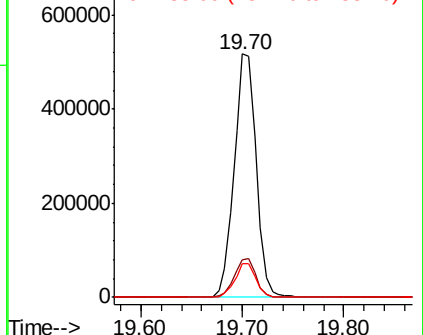


Abundance

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: 60.273 ng

RT: 19.89 min Scan# 2860

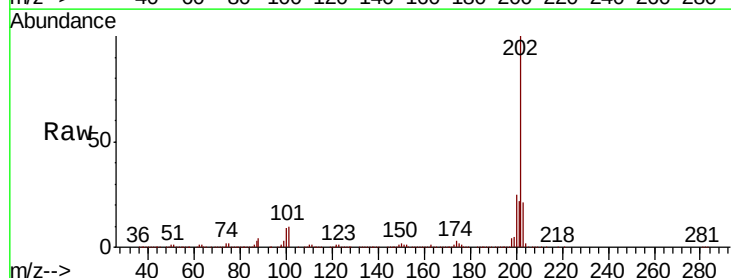
Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Tgt Ion:202 Resp: 1890944

Ion	Ratio	Lower	Upper
202	100		
200	24.7	18.5	27.7
203	20.8	15.3	22.9

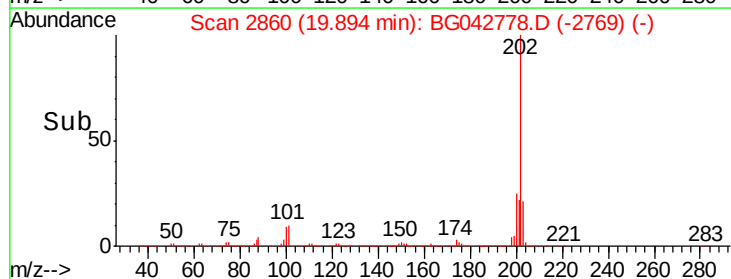
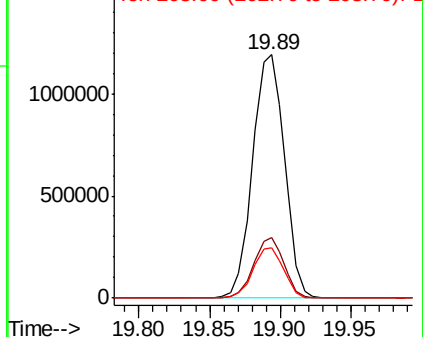


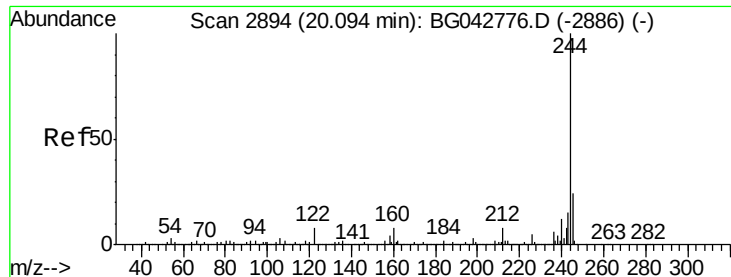
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 115.940 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

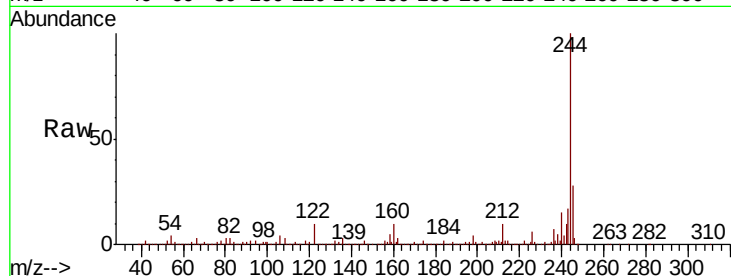
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 2635542

Ion	Ratio	Lower	Upper
244	100		
212	10.4	6.6	10.0#
122	10.1	6.2	9.4#

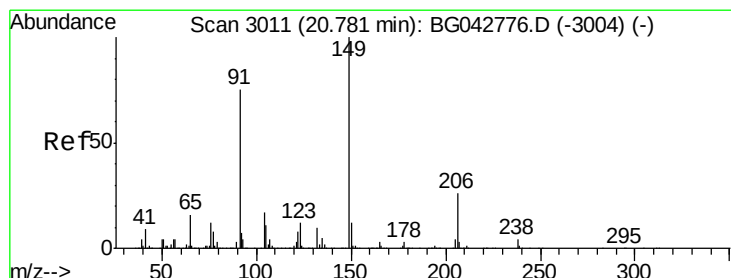
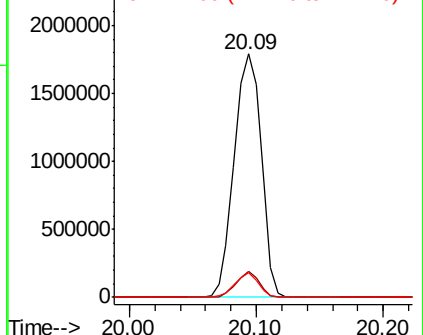
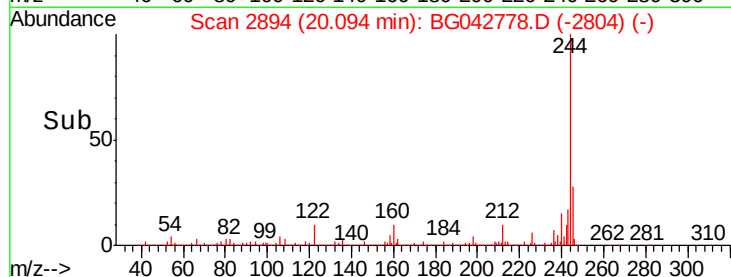


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 61.829 ng

RT: 20.78 min Scan# 3011

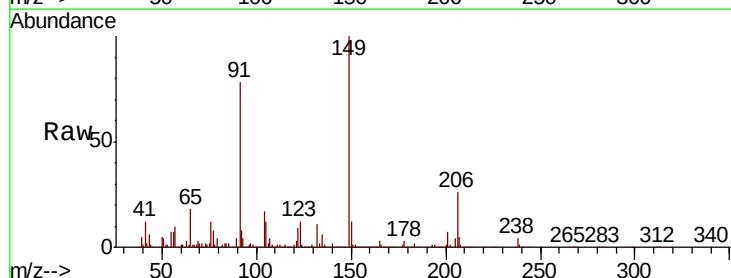
Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Tgt Ion:149 Resp: 773814

Ion	Ratio	Lower	Upper
149	100		
91	78.2	60.2	90.2
206	25.6	20.6	30.8

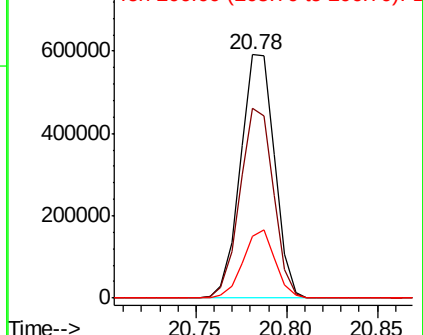
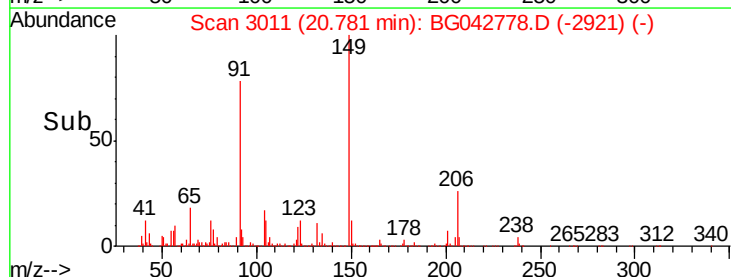


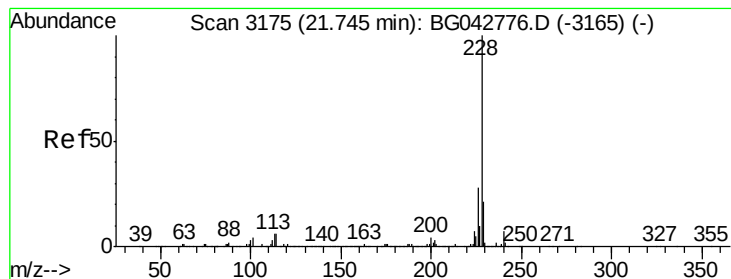
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.720 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

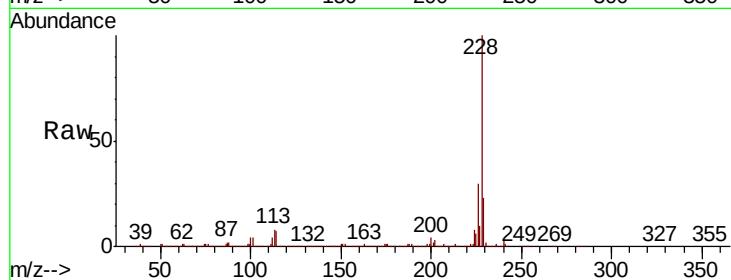
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1913804

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.5	33.7
229	23.4	17.2	25.8

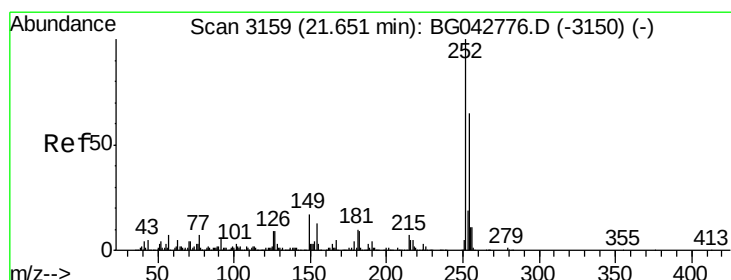
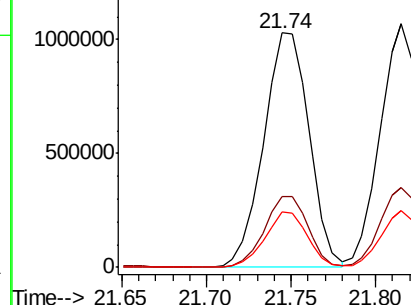
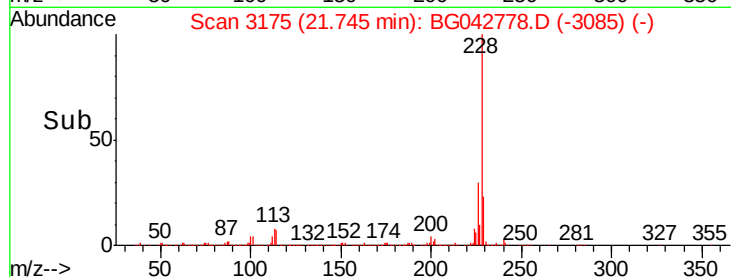


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 60.711 ng

RT: 21.66 min Scan# 3160

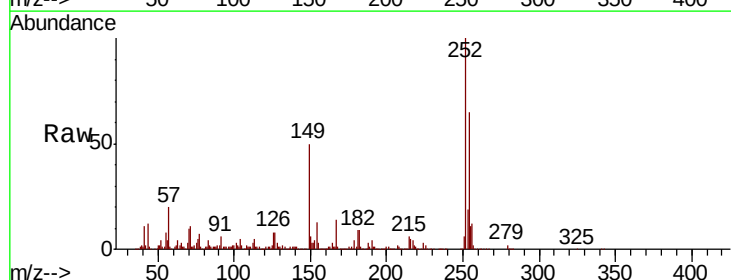
Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Tgt Ion:252 Resp: 757696

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.2
126	8.0	7.0	10.4

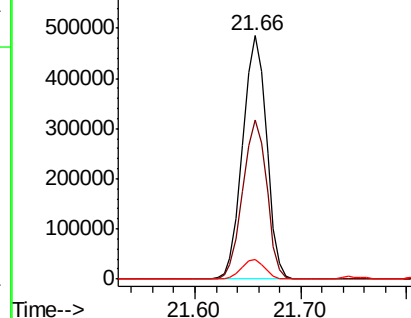
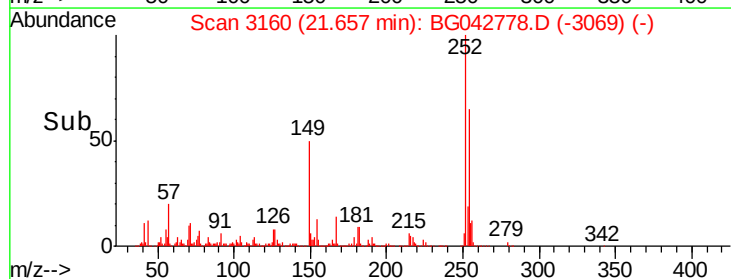


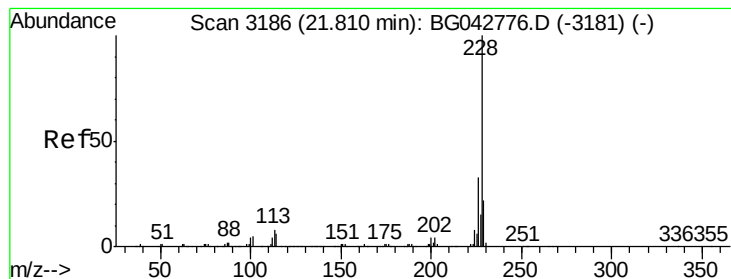
Abundance

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: 59.638 ng

RT: 21.82 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

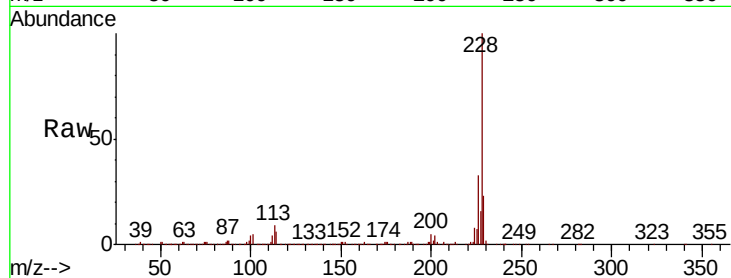
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1815368

Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.0	39.0
229	23.4	17.1	25.7

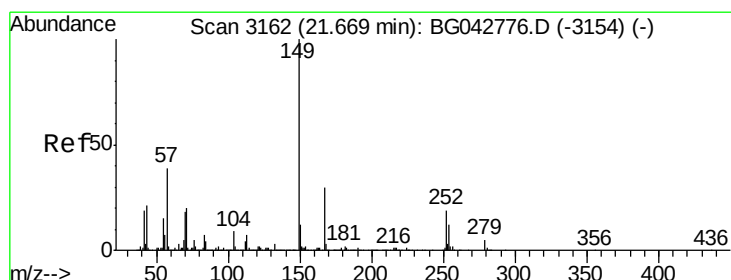
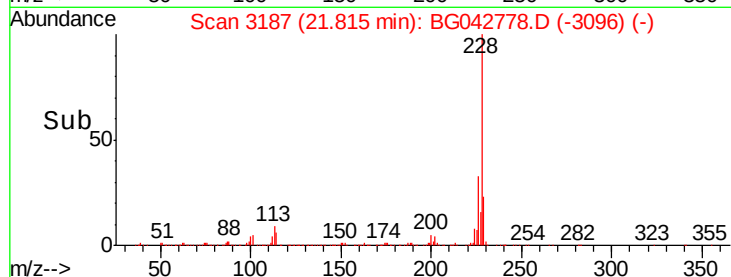
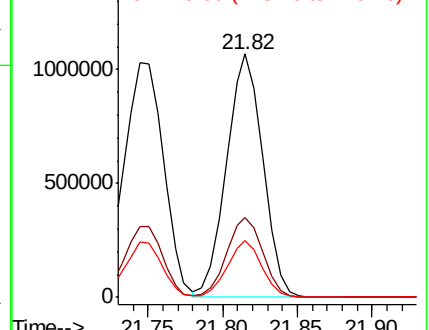


Abundance

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: 61.128 ng

RT: 21.67 min Scan# 3162

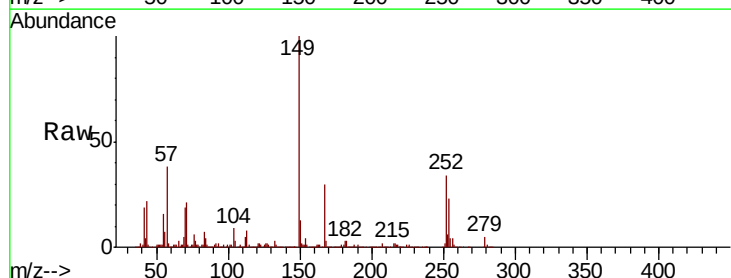
Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Tgt Ion:149 Resp: 1066060

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	5.5	4.2	6.4

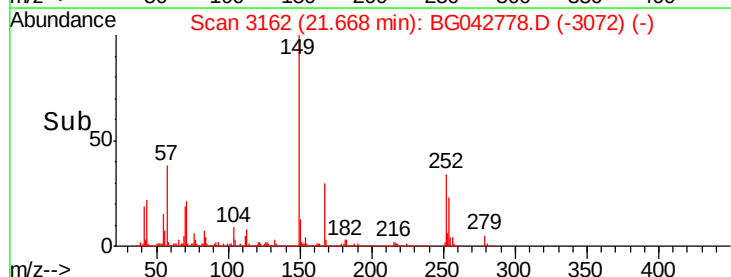
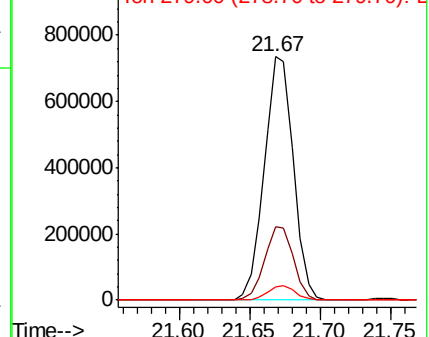


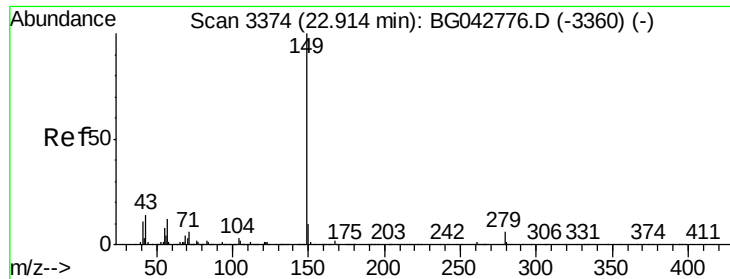
Abundance

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

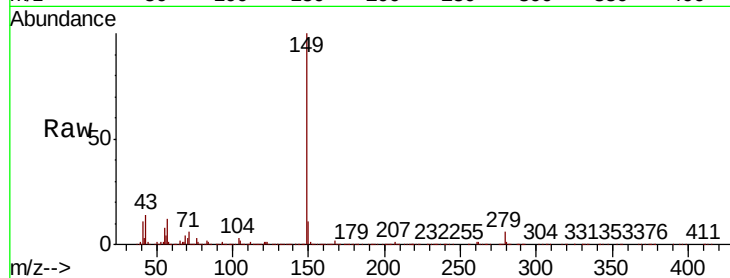




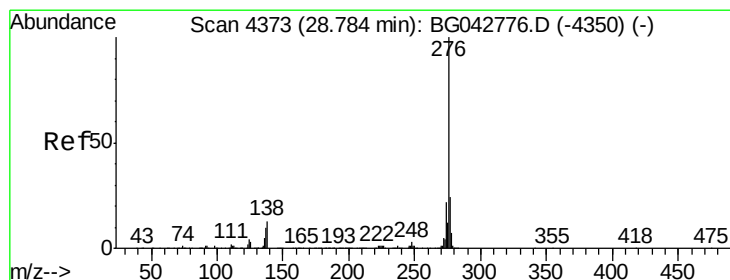
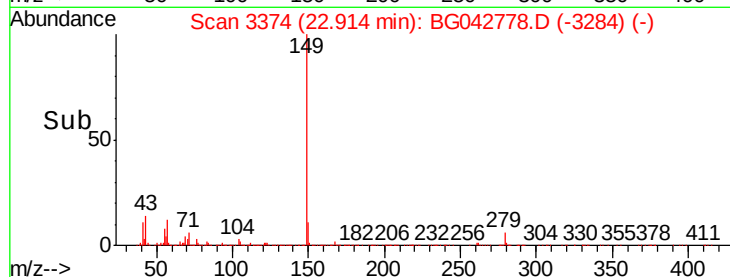
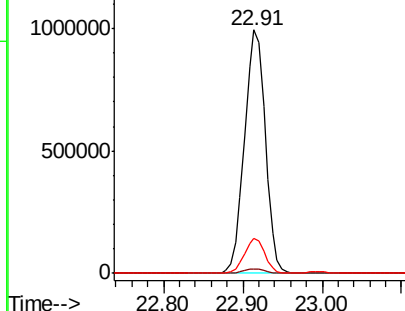
#85
Di-n-octyl phthalate
Concen: 61.589 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1811638
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 13.9 10.6 15.8

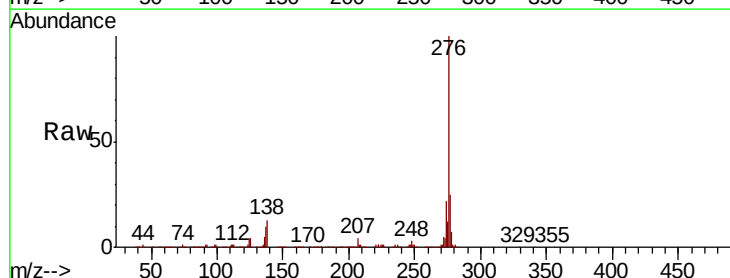


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

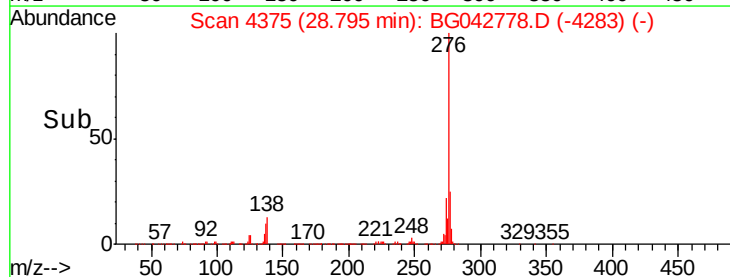
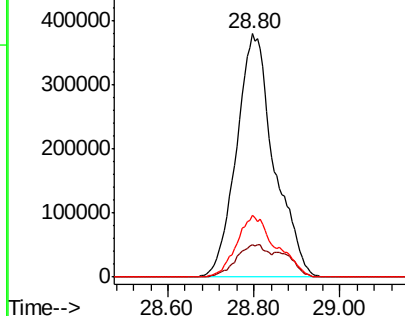


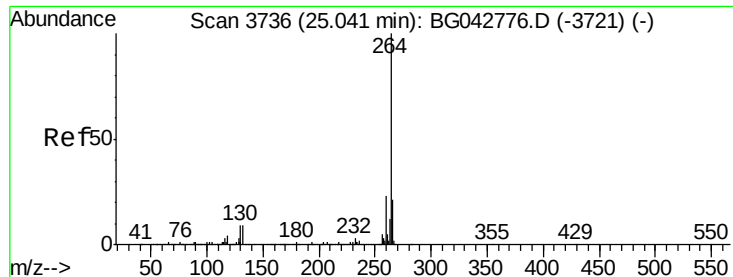
#86
Indeno(1,2,3-cd)pyrene
Concen: 61.870 ng
RT: 28.80 min Scan# 4375
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion:276 Resp: 2314309
Ion Ratio Lower Upper
276 100
138 11.3 9.3 13.9
277 26.5 17.2 25.8#



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: 25.04 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

Instrument :

BNA_G

ClientSampleId :

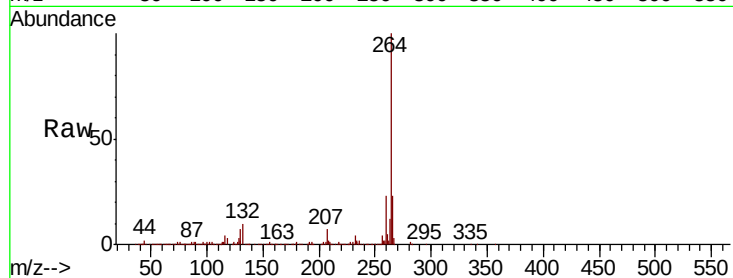
Tot Ion:264 Resp: 574151

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.9	16.9	25.3

264 100

260 23.4 18.2 27.2

265 22.9 16.9 25.3

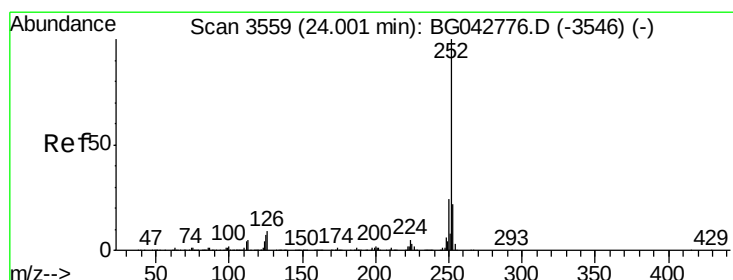
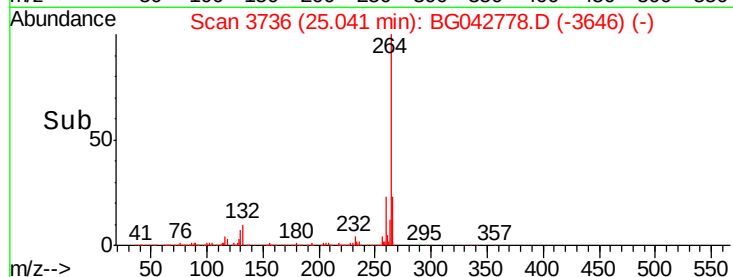
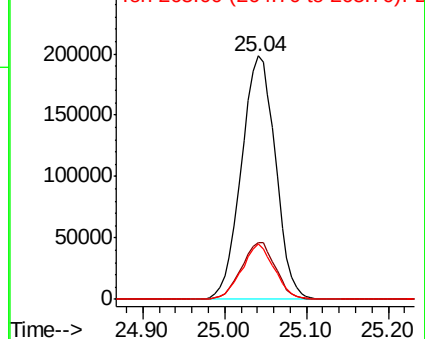


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 59.469 ng

RT: 24.01 min Scan# 3560

Delta R.T. 0.01 min

Lab File: BG042778.D

Acq: 12 Sep 2019 11:48

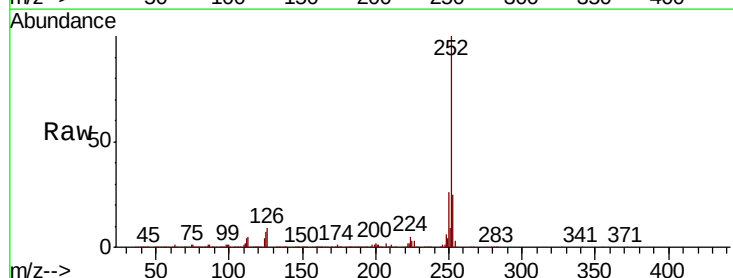
Tgt Ion:252 Resp: 1997416

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	7.4	5.6	8.4

252 100

253 24.8 17.9 26.9

125 7.4 5.6 8.4

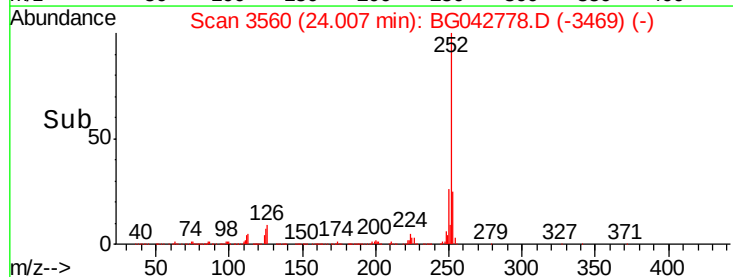
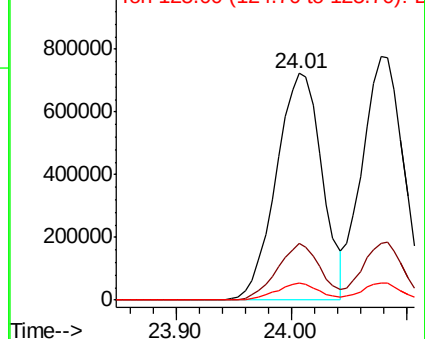


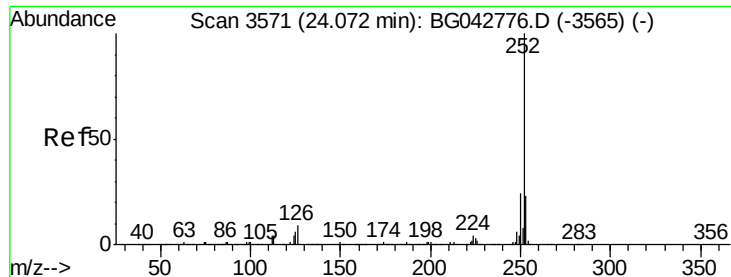
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

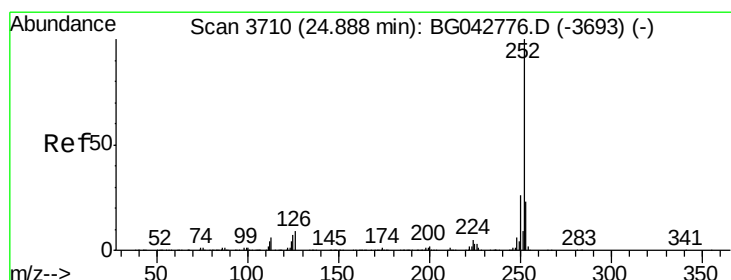
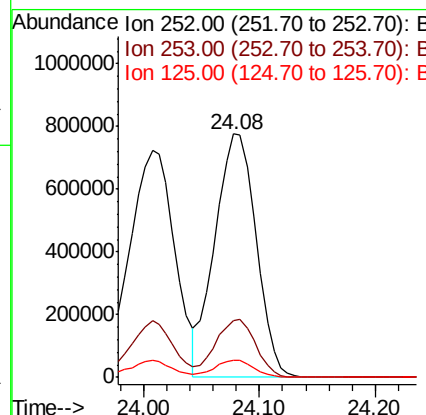
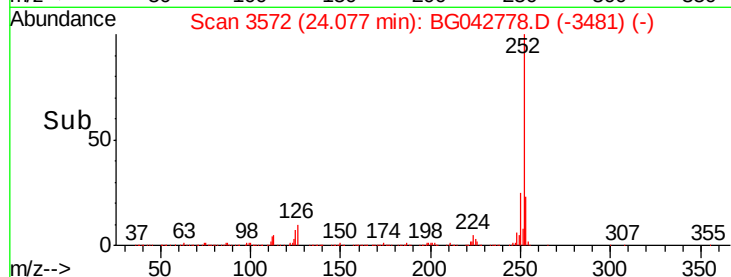
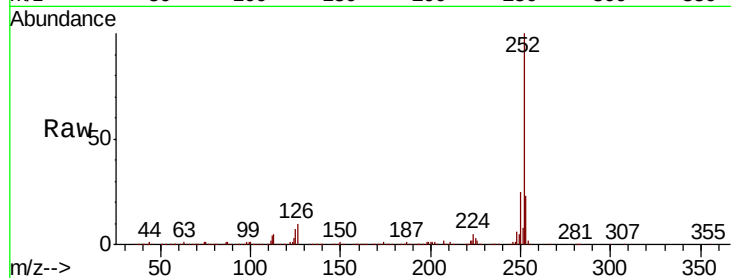




#89
Benzo(k)fluoranthene
Concen: 60.093 ng
RT: 24.08 min Scan# 3572
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

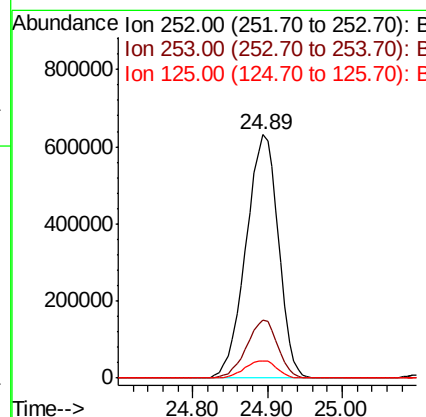
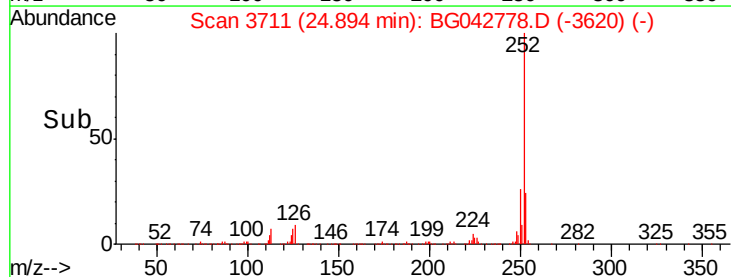
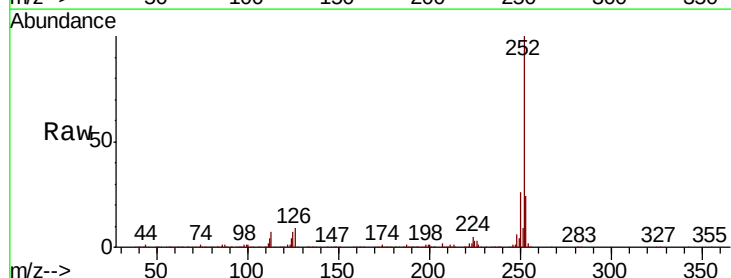
Instrument :
BNA_G
ClientSampleId :

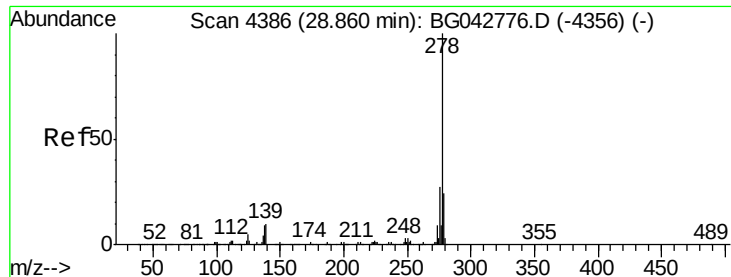
Tot Ion:252 Resp: 1927222
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 6.9 5.3 7.9



#90
Benzo(a)pyrene
Concen: 60.082 ng
RT: 24.89 min Scan# 3711
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion:252 Resp: 1903612
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 7.2 5.7 8.5

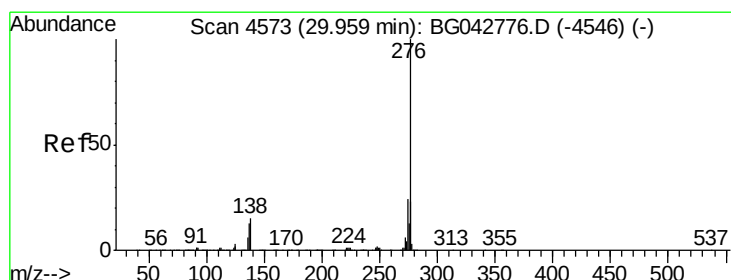
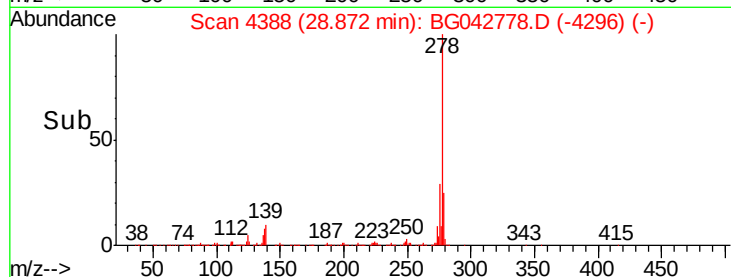
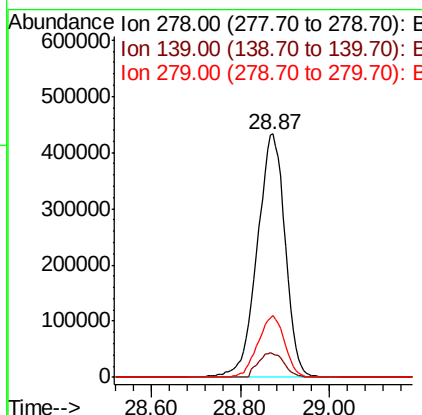
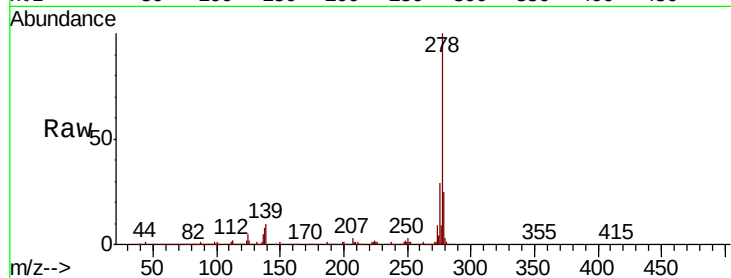




#91
Dibenzo(a,h)anthracene
Concen: 60.608 ng
RT: 28.87 min Scan# 4388
Delta R.T. 0.01 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1873026
Ion Ratio Lower Upper
278 100
139 9.5 8.2 12.2
279 25.3 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 60.515 ng
RT: 29.98 min Scan# 4576
Delta R.T. 0.02 min
Lab File: BG042778.D
Acq: 12 Sep 2019 11:48

Tgt Ion:276 Resp: 1831891
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 14.2 11.8 17.8

