

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042801.D
 Acq On : 13 Sep 2019 4:31
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:05:29 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 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	84749	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	344444	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	241159	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	556010	20.00	ng	0.00
76) Chrysene-d12	21.76	240	536108	20.00	ng	0.00
87) Perylene-d12	25.02	264	596773	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	386149	79.21	ng	0.00
7) Phenol-d6	7.27	99	567136	81.06	ng	0.00
23) Nitrobenzene-d5	9.28	82	547416	82.74	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	249175	77.66	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1194913	78.43	ng	0.00
79) Terphenyl-d14	20.09	244	2015076	83.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	85912	38.617	ng	99
3) Pyridine	3.98	79	265486	39.635	ng	99
4) n-Nitrosodimethylamine	3.89	42	132004	40.500	ng	98
6) Aniline	7.44	93	376017	39.832	ng	98
8) 2-Chlorophenol	7.68	128	208002	39.474	ng	98
9) Benzaldehyde	7.25	77	175745	38.598	ng	99
10) Phenol	7.29	94	287307	40.040	ng	100
11) bis(2-Chloroethyl)ether	7.53	93	213390	38.749	ng	98
12) 1,3-Dichlorobenzene	8.01	146	250351	38.954	ng	98
13) 1,4-Dichlorobenzene	8.15	146	252884	39.302	ng	100
14) 1,2-Dichlorobenzene	8.48	146	240142	39.207	ng	97
15) Benzyl Alcohol	8.35	79	243478	40.549	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	474423	39.230	ng	97
17) 2-Methylphenol	8.55	107	194854	40.590	ng	98
18) Hexachloroethane	9.21	117	93651	39.423	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	202824	39.340	ng	94
20) 3+4-Methylphenols	8.88	107	265533	40.127	ng	98
22) Acetophenone	8.94	105	346694	39.854	ng	# 96
24) Nitrobenzene	9.32	77	285345	41.090	ng	99
25) Isophorone	9.85	82	552972	40.098	ng	96
26) 2-Nitrophenol	10.03	139	115613	42.338	ng	94
27) 2,4-Dimethylphenol	10.09	122	193901	40.141	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	308340	40.093	ng	97
29) 2,4-Dichlorophenol	10.57	162	222488	39.636	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	272348	39.739	ng	97
31) Naphthalene	10.98	128	678495	39.897	ng	100
32) Benzoic acid	10.21	122	154637	40.626	ng	97
33) 4-Chloroaniline	11.07	127	317284	39.916	ng	98
34) Hexachlorobutadiene	11.27	225	188367	39.229	ng	92
35) Caprolactam	11.84	113	84562	40.511	ng	93
36) 4-Chloro-3-methylphenol	12.18	107	248649	40.797	ng	97
37) 2-Methylnaphthalene	12.58	142	511505	40.152	ng	97
38) 1-Methylnaphthalene	12.80	142	482272	40.363	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	312144	39.170	ng	99

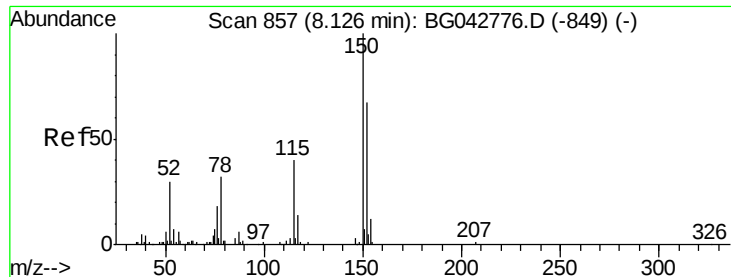
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042801.D
 Acq On : 13 Sep 2019 4:31
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	185587	40.652	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	211279	39.824	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	213798	39.343	nq	99
46) 1,1'-Biphenyl	13.58	154	666594	39.484	nq	99
47) 2-Chloronaphthalene	13.62	162	543757	38.935	nq	98
48) 2-Nitroaniline	13.81	65	205847	42.489	nq	98
49) Acenaphthylene	14.46	152	842196	39.462	nq	98
50) Dimethylphthalate	14.19	163	711608	39.390	nq	99
51) 2,6-Dinitrotoluene	14.30	165	156092	42.108	nq	94
52) Acenaphthene	14.81	154	544210	39.032	nq	98
53) 3-Nitroaniline	14.63	138	170388	40.955	nq	95
54) 2,4-Dinitrophenol	14.83	184	69052	37.839	nq	# 85
55) Dibenzofuran	15.13	168	810926	39.129	nq	99
56) 4-Nitrophenol	14.92	139	129323	40.203	nq	96
57) 2,4-Dinitrotoluene	15.08	165	209000	42.299	nq	95
58) Fluorene	15.78	166	679326	39.552	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	216451	41.089	nq	92
60) Diethylphthalate	15.55	149	715130	38.997	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	396316	39.026	nq	97
62) 4-Nitroaniline	15.79	138	182007	40.586	nq	98
63) Azobenzene	16.07	77	695440	39.382	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	94574	39.752	nq	96
66) n-Nitrosodiphenylamine	15.99	169	597582	39.941	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	268131	39.843	nq	100
68) Hexachlorobenzene	16.79	284	285542	39.708	nq	95
69) Atrazine	16.93	200	181401	34.817	nq	98
70) Pentachlorophenol	17.13	266	171728	40.256	nq	94
71) Phenanthrene	17.52	178	1067599	40.150	nq	100
72) Anthracene	17.61	178	1066011	40.128	nq	99
73) Carbazole	17.87	167	1007967	39.921	nq	99
74) Di-n-butylphthalate	18.44	149	1215240	40.178	nq	99
75) Fluoranthene	19.52	202	1374594	39.887	nq	99
77) Benzidine	19.69	184	518204	34.597	nq	98
78) Pyrene	19.89	202	1377597	41.044	nq	98
80) Butylbenzylphthalate	20.77	149	559664	41.201	nq	99
81) Benzo(a)anthracene	21.74	228	1380400	40.497	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	526598	39.753	nq	99
83) Chrysene	21.80	228	1290412	39.966	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	746686	40.230	nq	100
85) Di-n-octyl phthalate	22.90	149	1283329	40.559	nq	100
86) Indeno(1,2,3-cd)pyrene	28.77	276	1593366	39.850	nq	# 92
88) Benzo(b)fluoranthene	23.99	252	1386988	39.582	nq	98
89) Benzo(k)fluoranthene	24.06	252	1353557	40.892	nq	100
90) Benzo(a)pyrene	24.88	252	1317278	40.147	nq	98
91) Dibenzo(a,h)anthracene	28.83	278	1296061	40.161	nq	100
92) Benzo(g,h,i)perylene	29.93	276	1267208	40.258	nq	97

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

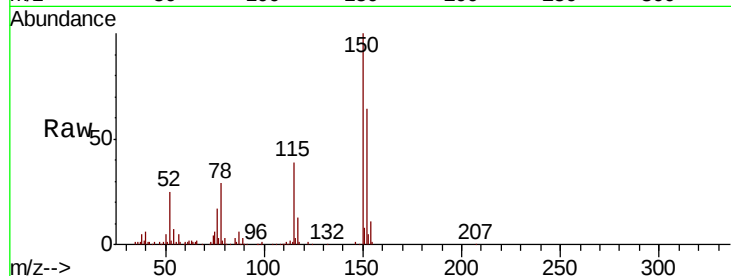


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	118.9	178.3
115	62.0	47.4	71.2

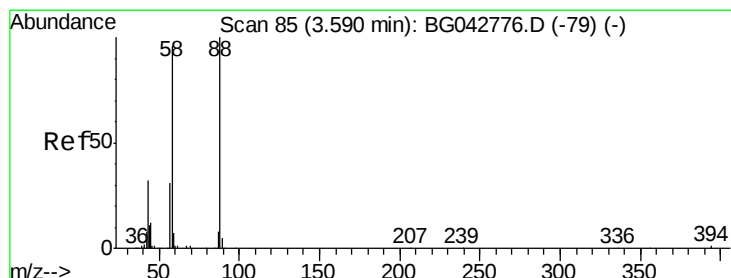
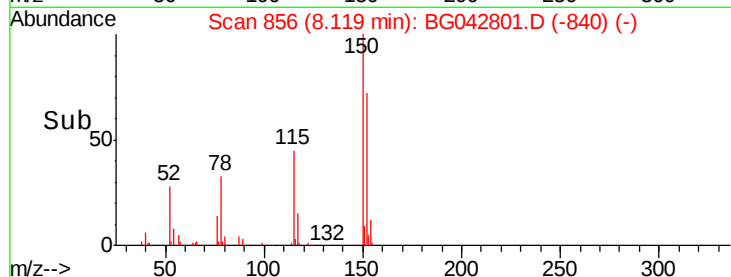
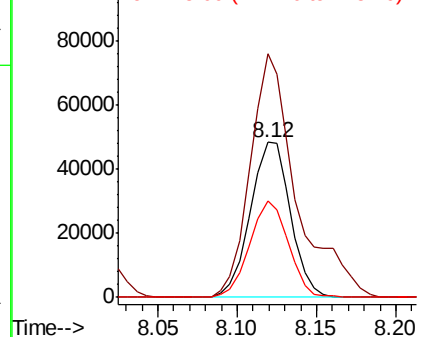


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

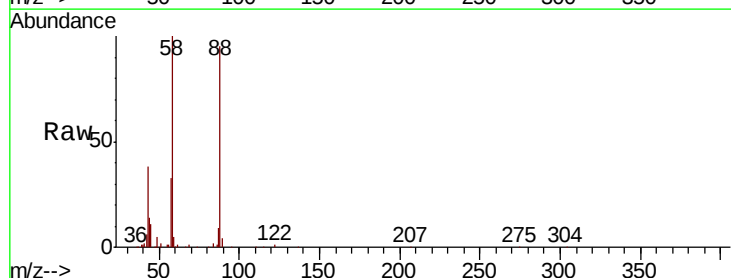
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.617 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.7	79.1	118.7
43	37.1	30.4	45.6

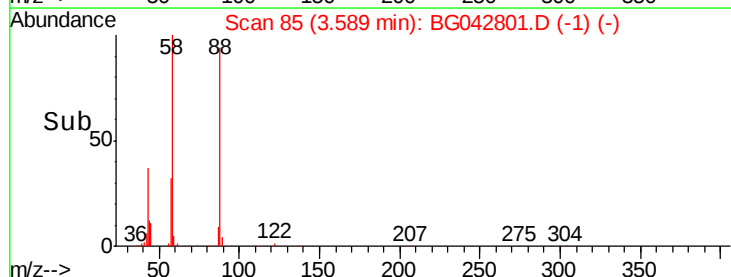
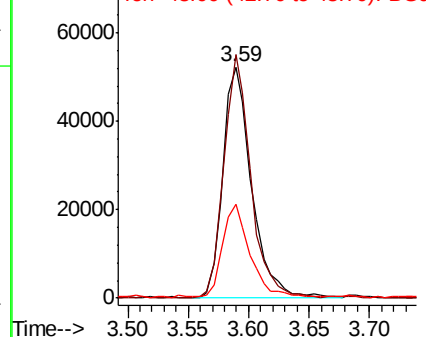


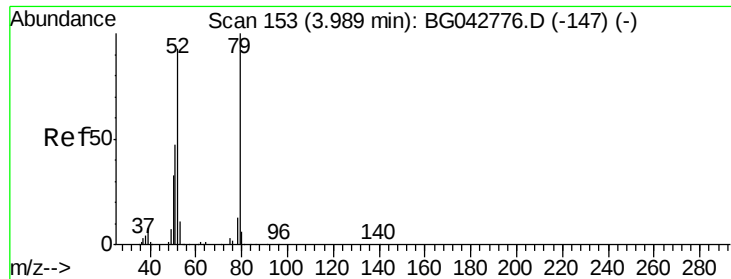
Abundance

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: 39.635 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

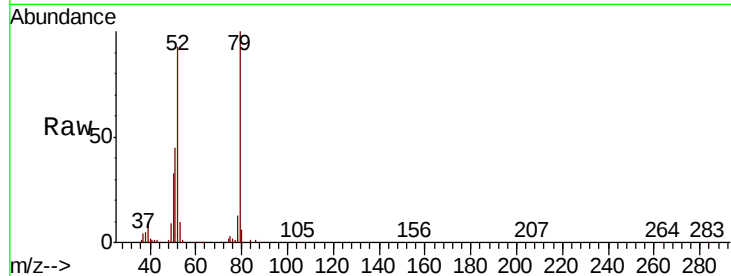
Tot Ion: 79 Resp: 265486

Ion Ratio Lower Upper

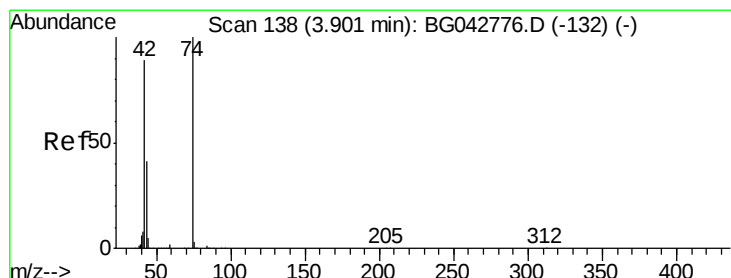
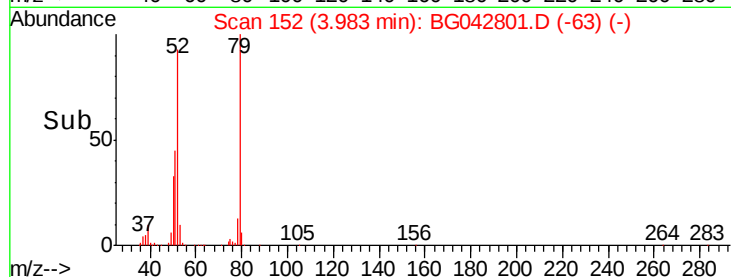
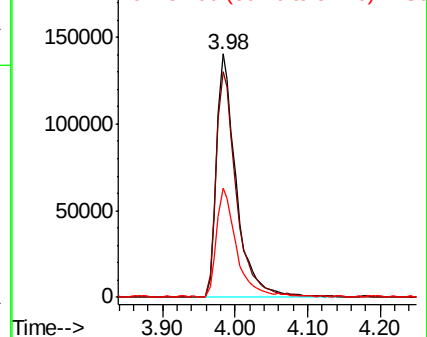
79 100

52 92.9 74.0 111.0

51 45.0 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 40.500 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

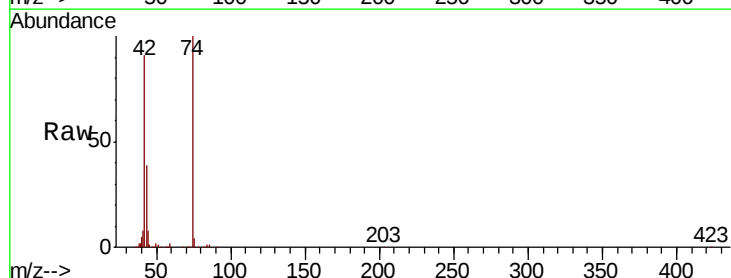
Tgt Ion: 42 Resp: 132004

Ion Ratio Lower Upper

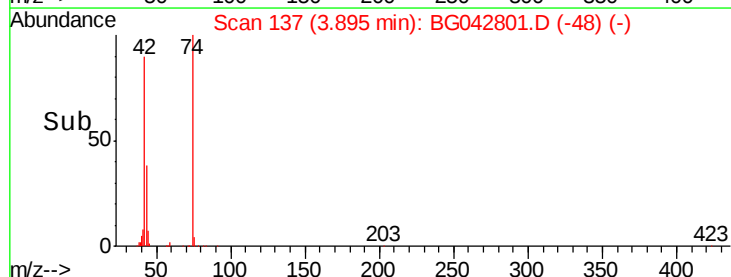
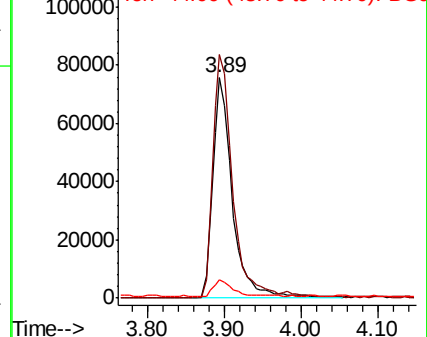
42 100

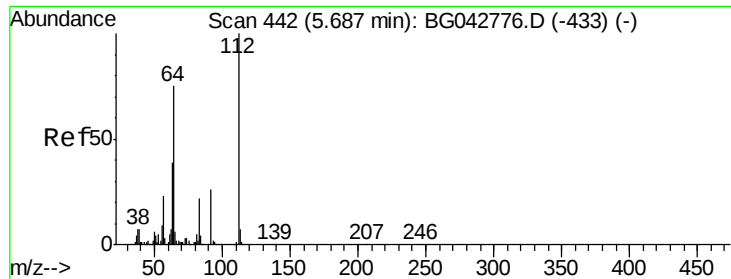
74 110.4 90.2 135.2

44 8.4 6.6 9.8



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





#5

2-Fluorophenol

Concen: 79.215 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

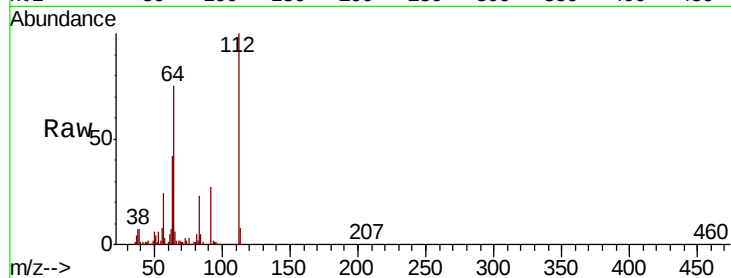
Tot Ion:112 Resp: 386149

Ion Ratio Lower Upper

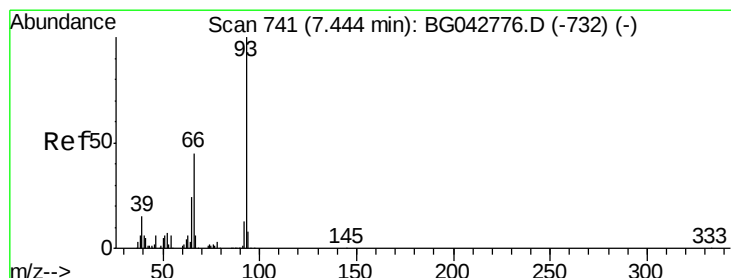
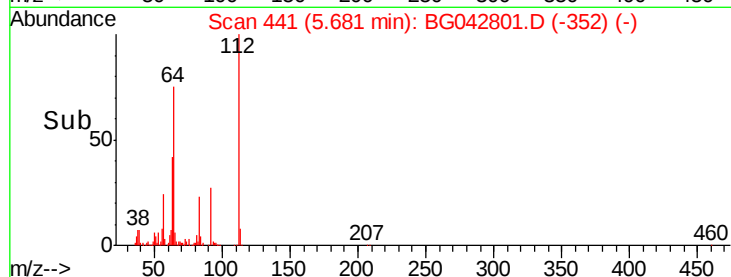
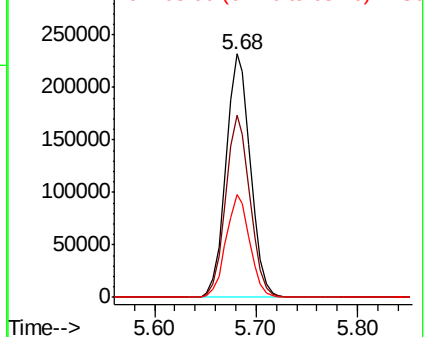
112 100

64 74.9 60.2 90.2

63 42.1 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.832 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

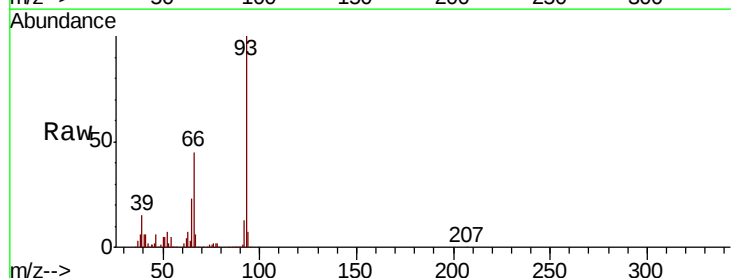
Tgt Ion: 93 Resp: 376017

Ion Ratio Lower Upper

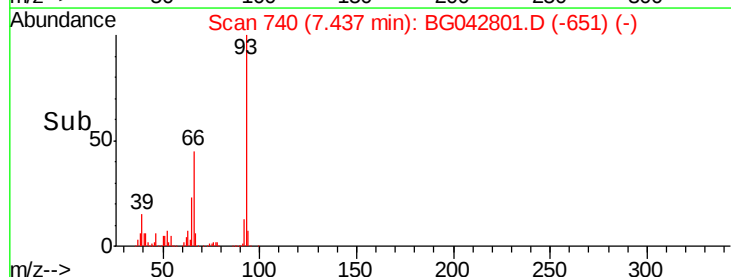
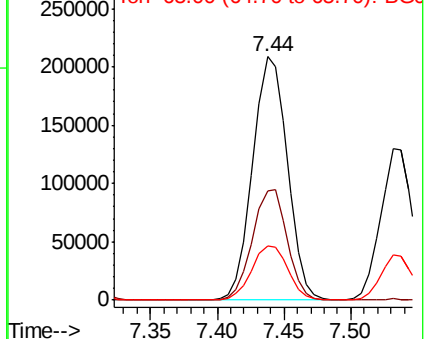
93 100

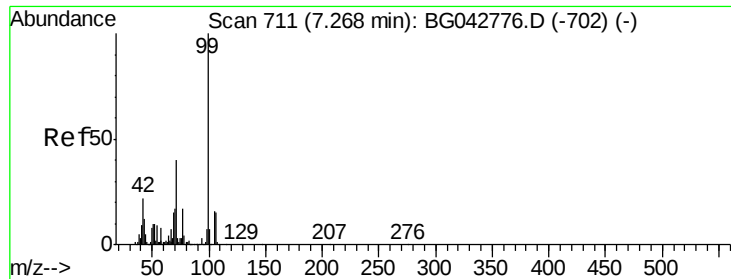
66 45.0 36.3 54.5

65 22.5 19.3 28.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.056 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

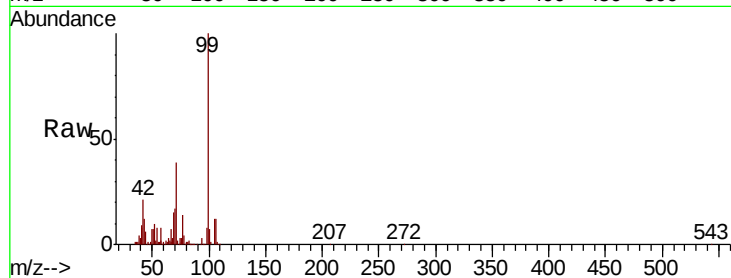
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 567136

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.5	26.3
71	39.1	32.0	48.0

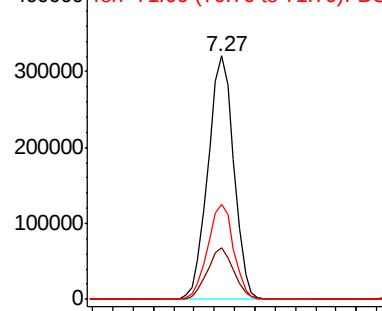


Abundance

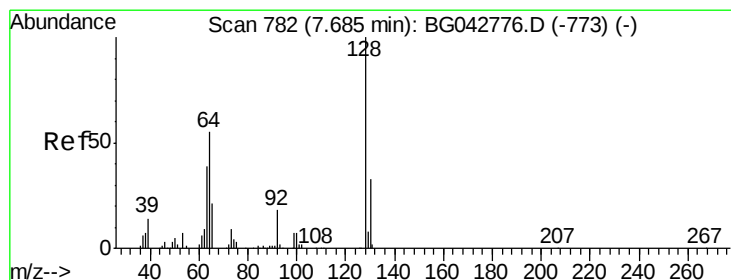
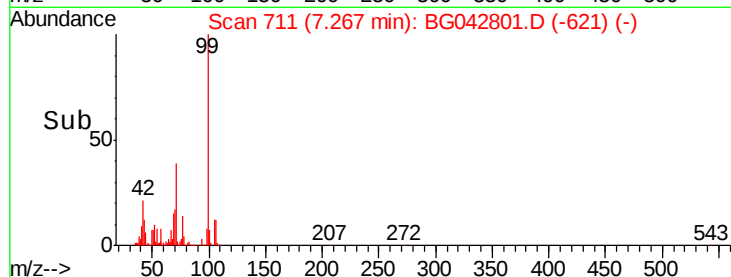
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 39.474 ng

RT: 7.68 min Scan# 782

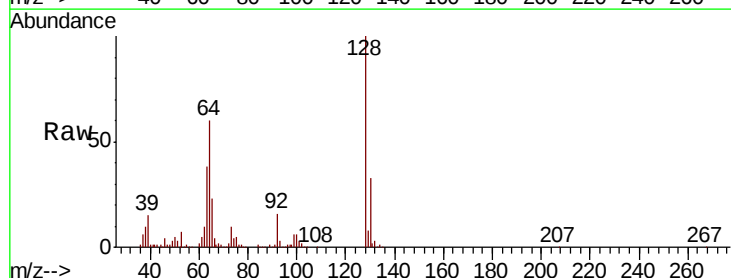
Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Tgt Ion: 128 Resp: 208002

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	59.6	36.8	76.8

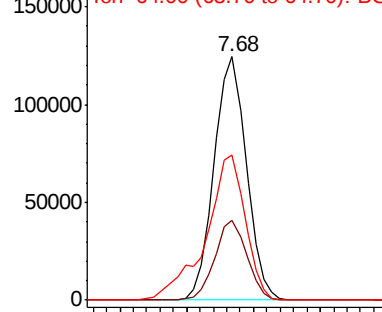


Abundance

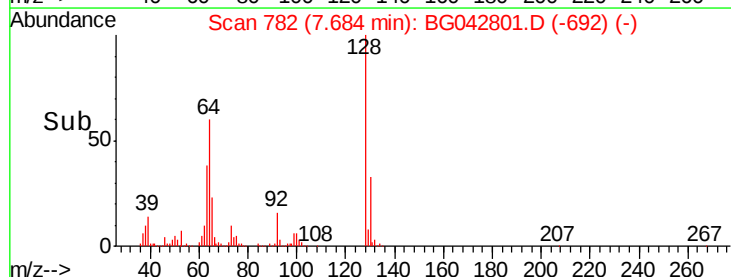
Ion 128.00 (127.70 to 128.70): BGC

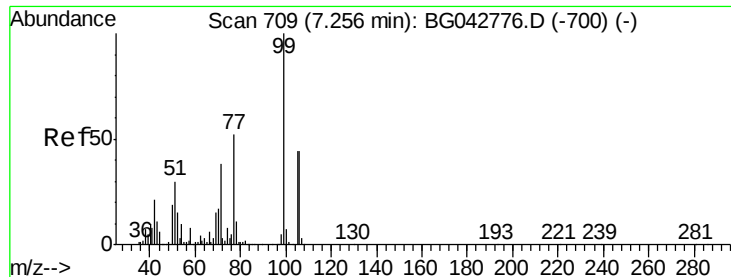
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 38.598 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleID :

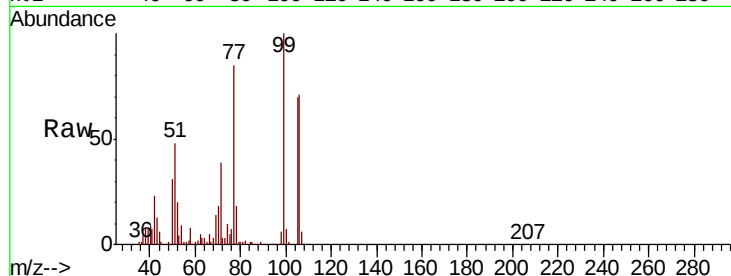
Tot Ion: 77 Resp: 175745

Ion Ratio Lower Upper

77 100

105 82.5 64.5 104.5

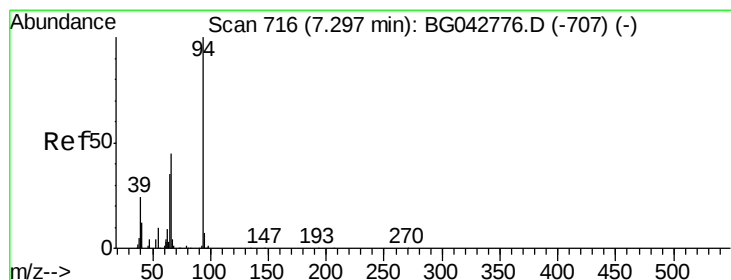
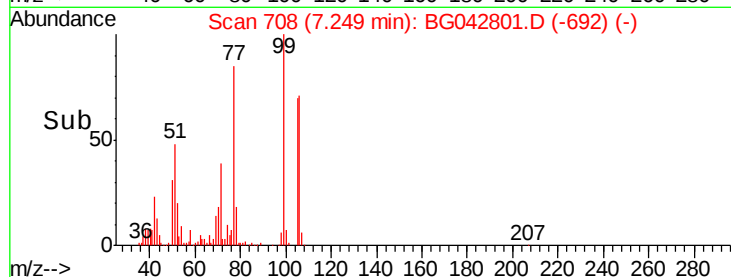
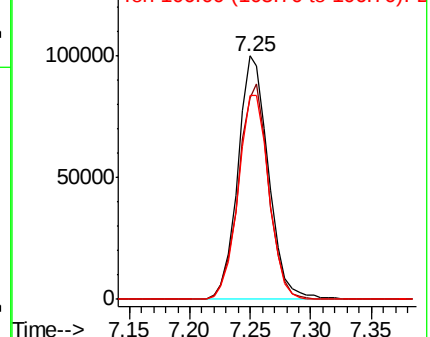
106 83.5 63.4 103.4



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: 40.040 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

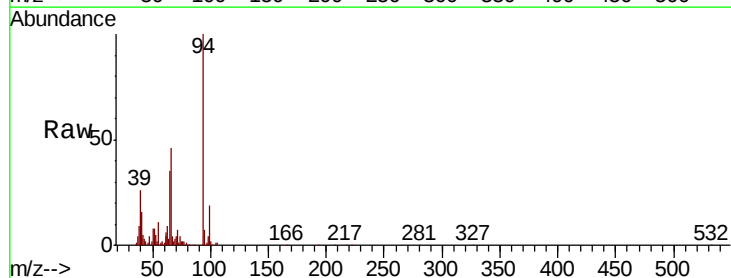
Tgt Ion: 94 Resp: 287307

Ion Ratio Lower Upper

94 100

65 34.9 15.0 55.0

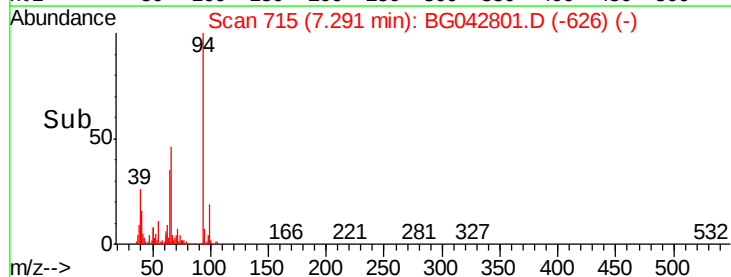
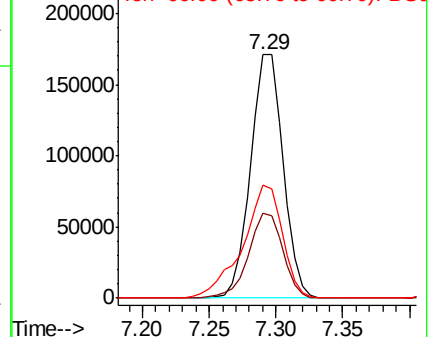
66 46.5 26.1 66.1

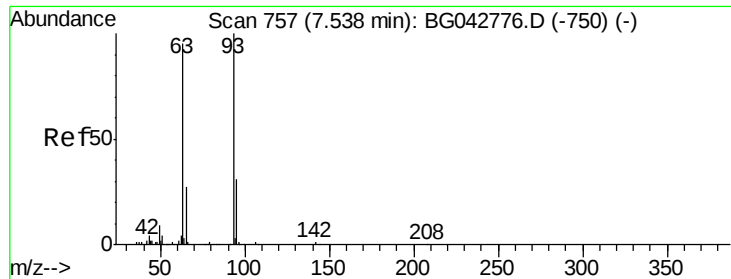


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

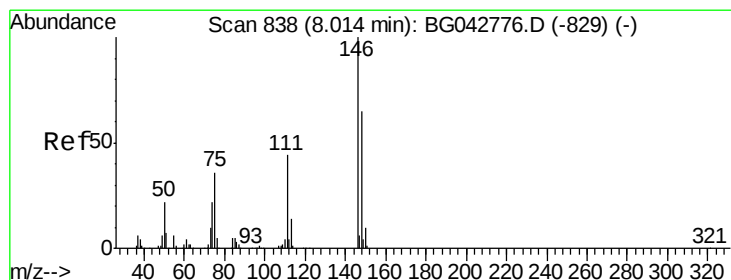
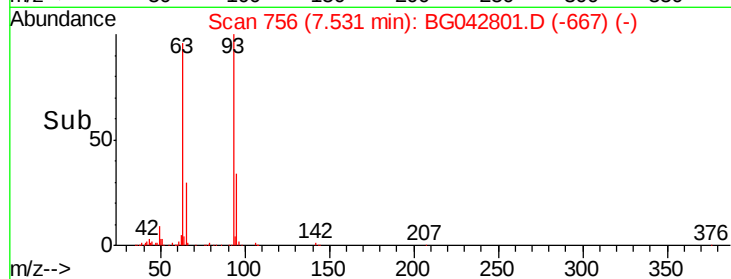
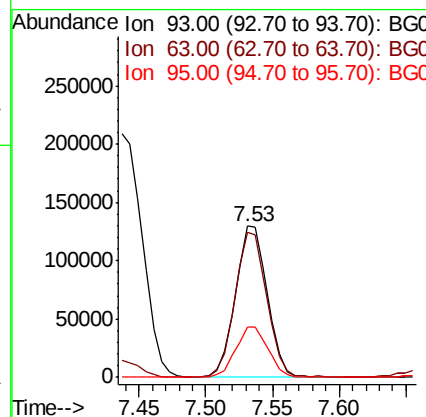
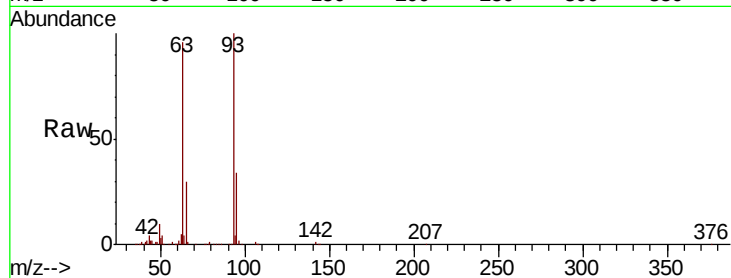




#11
bis(2-Chloroethyl)ether
Concen: 38.749 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

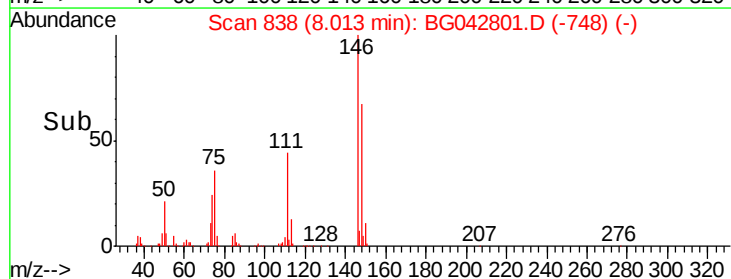
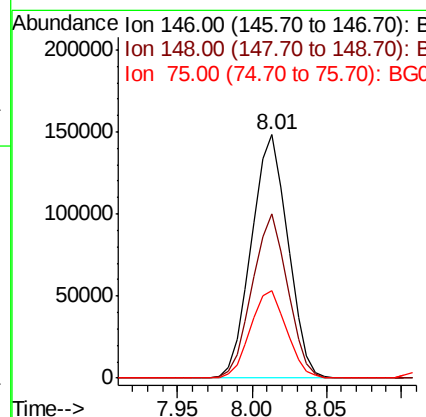
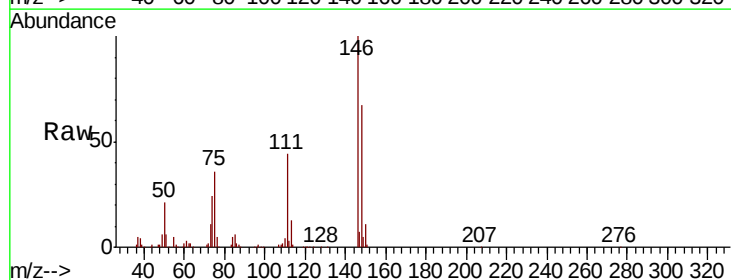
Instrument :
BNA_G
ClientSampleId :

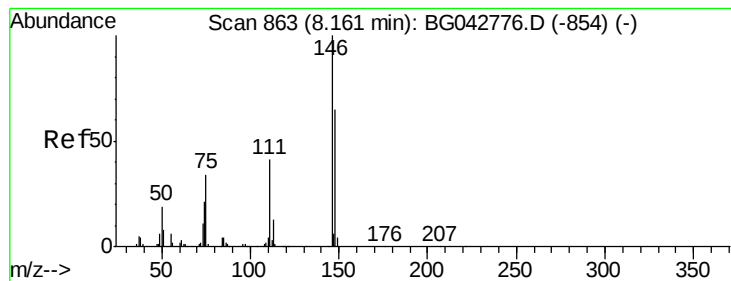
Tot Ion: 93 Resp: 213390
Ion Ratio Lower Upper
93 100
63 96.0 74.7 114.7
95 33.7 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 38.954 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion: 146 Resp: 250351
Ion Ratio Lower Upper
146 100
148 67.4 51.9 77.9
75 35.7 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 39.302 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

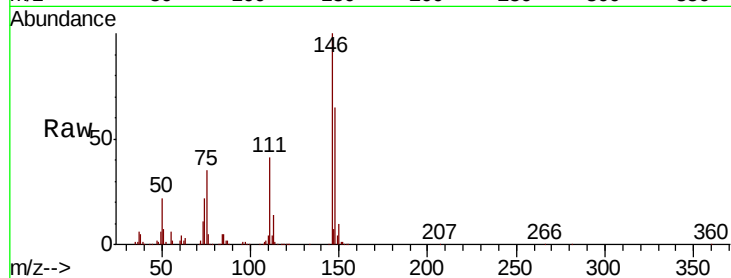
Tot Ion:146 Resp: 252884

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.4

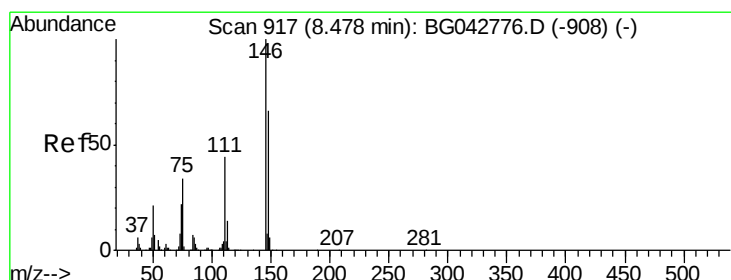
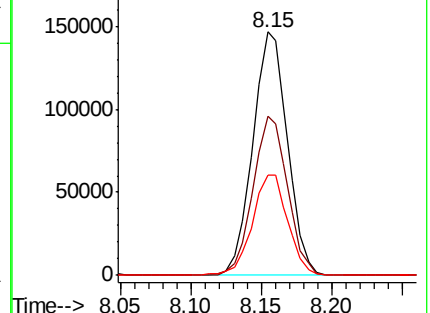
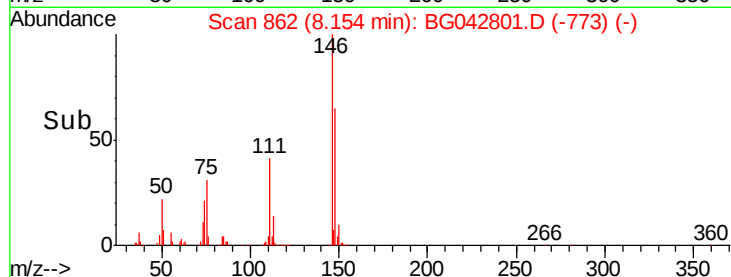
111 41.2 32.6 49.0



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: 39.207 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

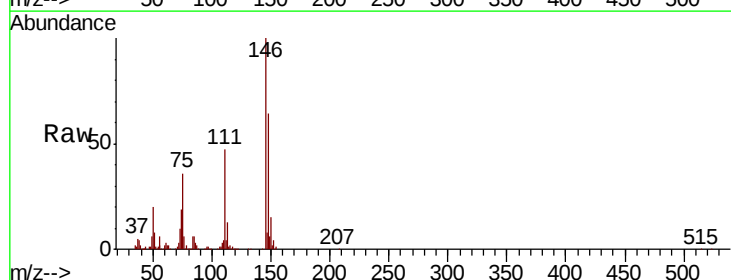
Tgt Ion:146 Resp: 240142

Ion Ratio Lower Upper

146 100

148 64.3 52.6 78.8

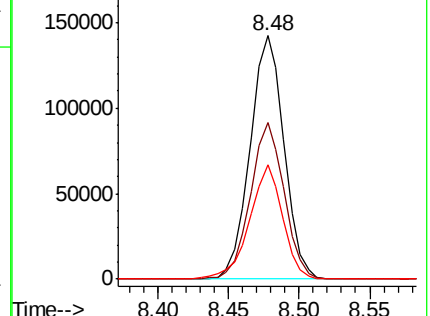
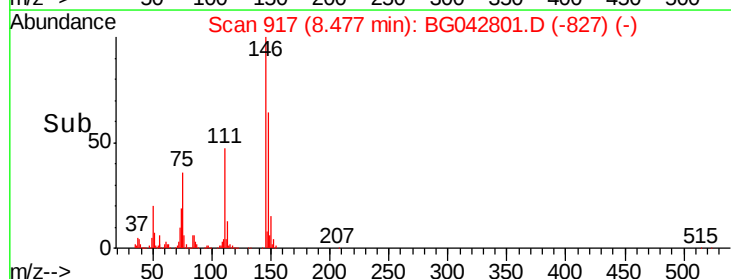
111 46.8 35.3 52.9

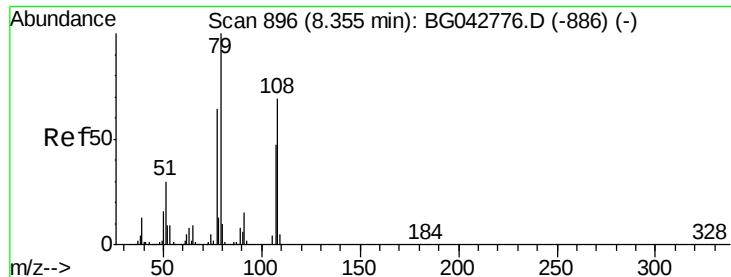


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.549 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

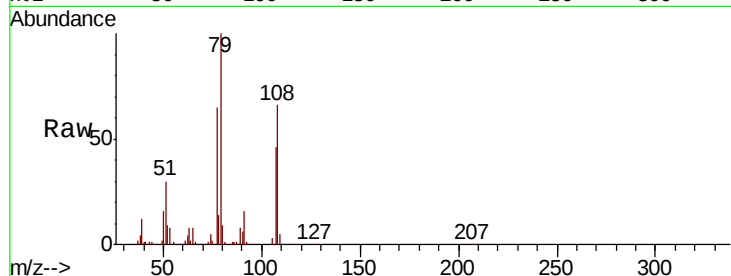
Tot Ion: 79 Resp: 243478

Ion Ratio Lower Upper

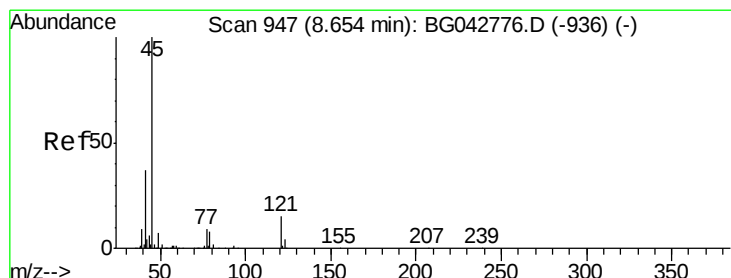
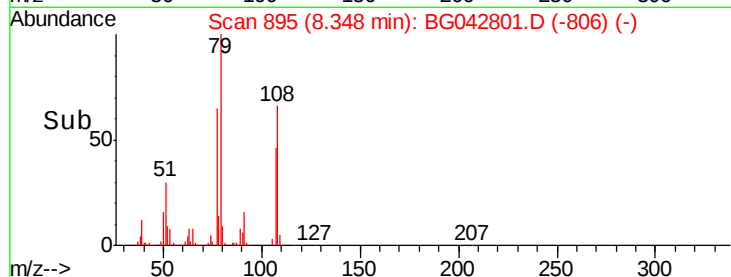
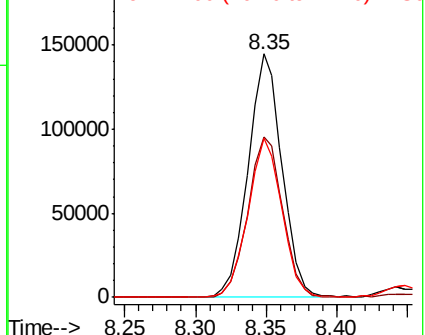
79 100

108 65.8 54.9 82.3

77 65.1 51.0 76.6



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.230 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

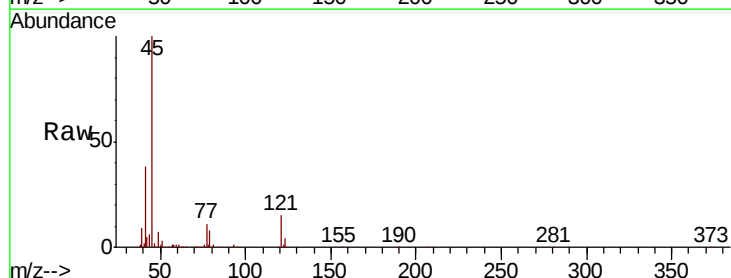
Tgt Ion: 45 Resp: 474423

Ion Ratio Lower Upper

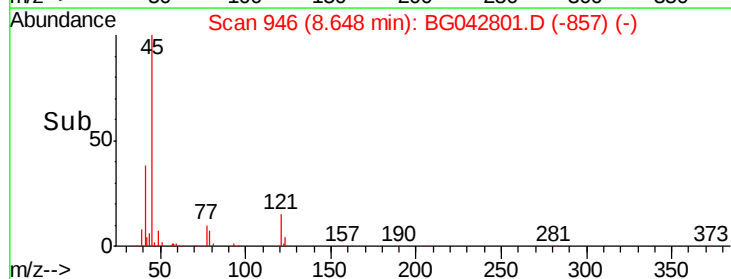
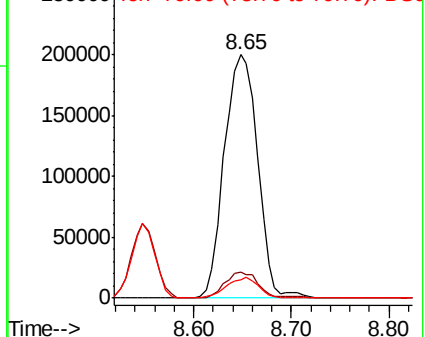
45 100

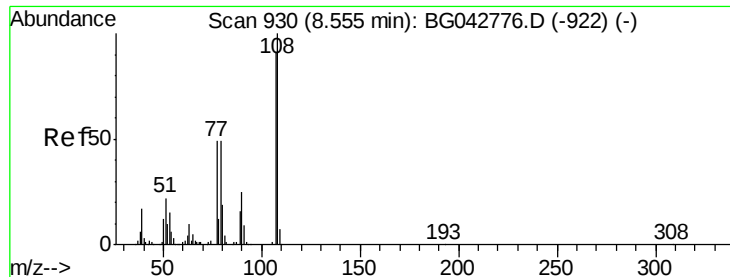
77 10.6 0.0 29.4

79 7.7 0.0 28.4



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

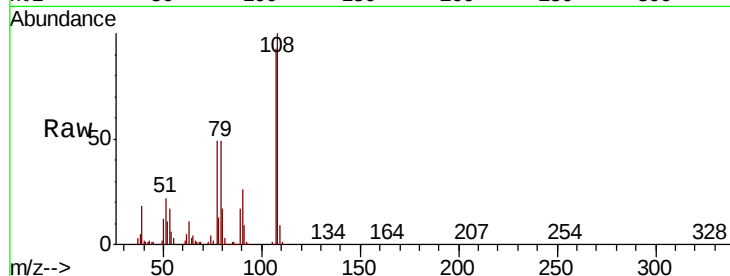




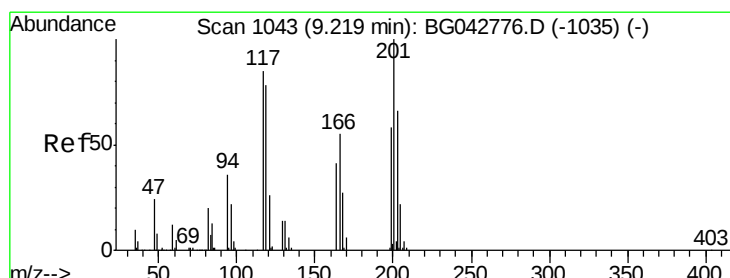
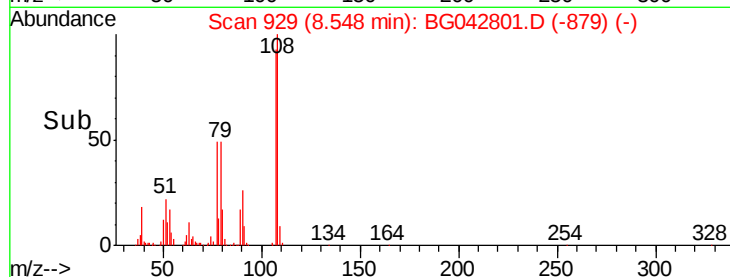
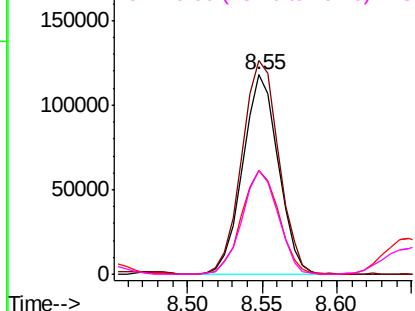
#17
2-Methylphenol
Concen: 40.590 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	194854
Ion	Ratio	Lower	Upper
107	100		
108	107.1	87.7	131.5
77	52.3	42.6	64.0
79	52.3	43.4	65.2

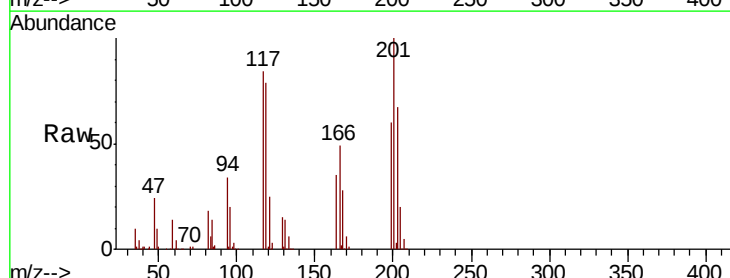


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

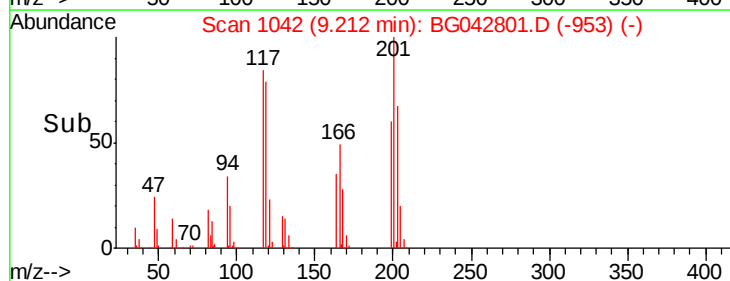
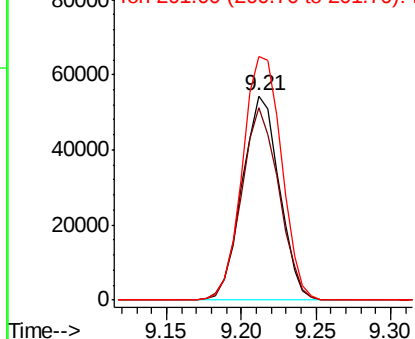


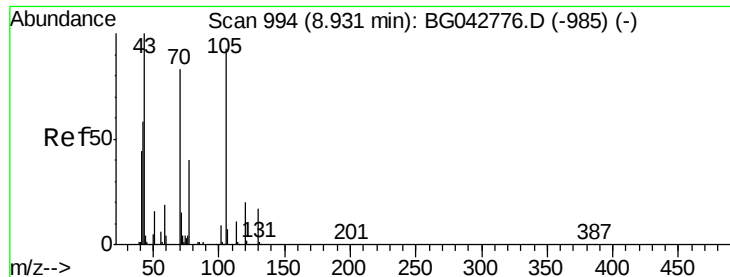
#18
Hexachloroethane
Concen: 39.423 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion:	117	Resp:	93651
Ion	Ratio	Lower	Upper
117	100		
119	93.9	73.8	110.8
201	119.1	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

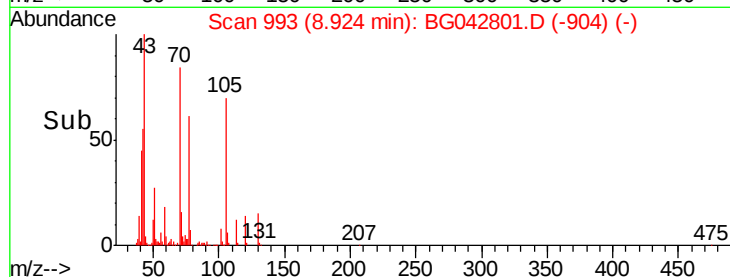
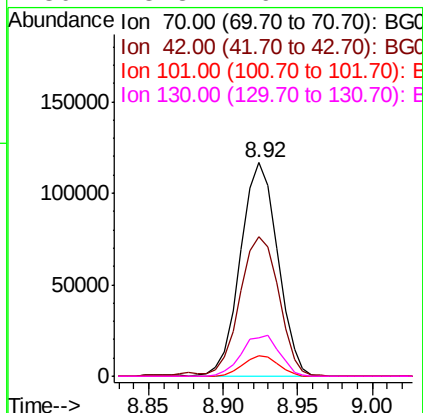
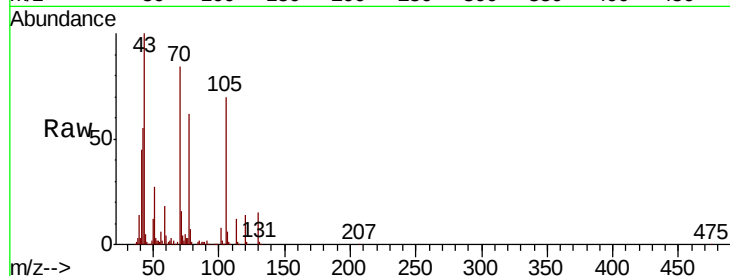




#19
 n-Nitroso-di-n-propylamine
 Concen: 39.340 ng
 RT: 8.92 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

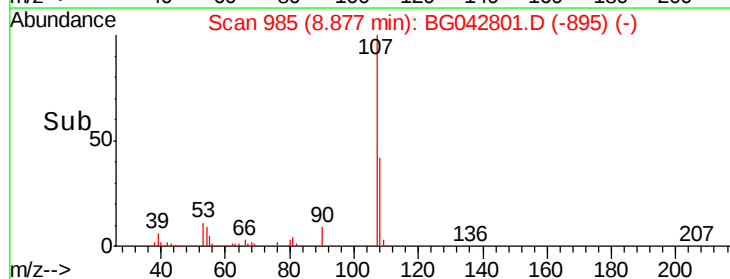
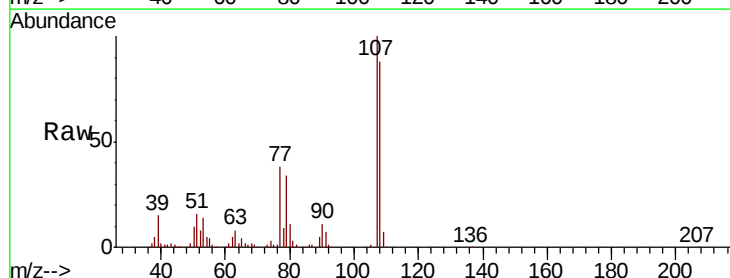
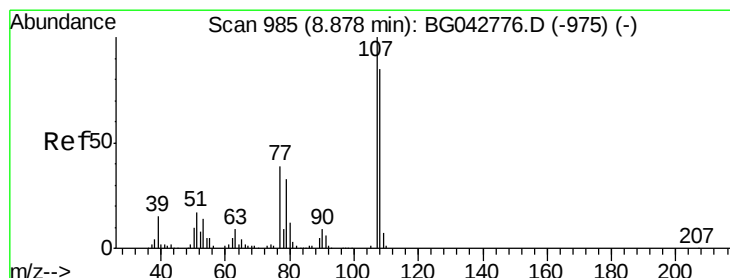
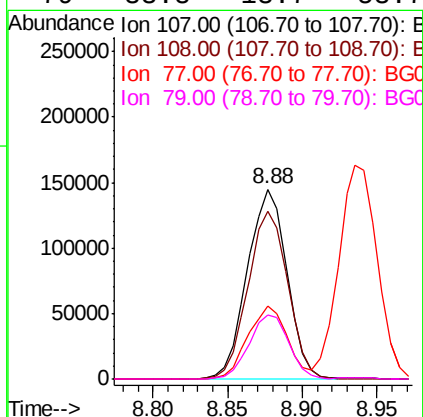
Instrument :
 BNA_G
 ClientSampleId :

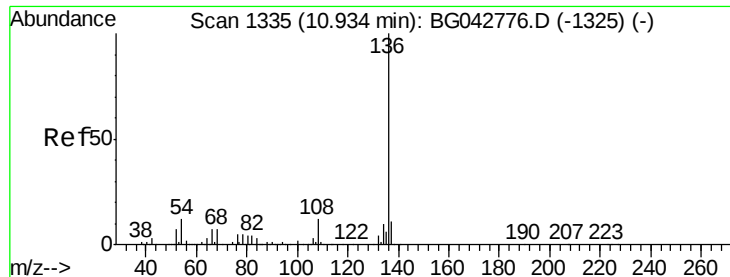
Tot Ion:	70	Resp:	202824
Ion	Ratio	Lower	Upper
70	100		
42	65.5	57.0	85.6
101	9.4	8.4	12.6
130	18.3	16.1	24.1



#20
 3+4-Methylphenols
 Concen: 40.127 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Tgt Ion:	107	Resp:	265533
Ion	Ratio	Lower	Upper
107	100		
108	88.5	65.4	105.4
77	38.5	18.7	58.7
79	33.8	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 344444

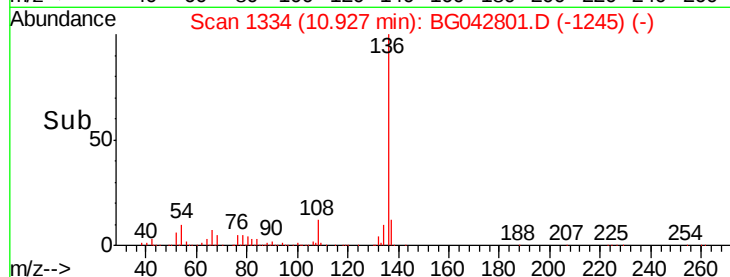
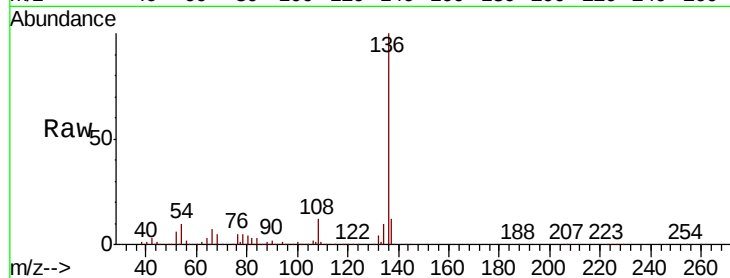
Ion Ratio Lower Upper

136 100

137 12.2 9.0 13.6

54 10.4 9.4 14.0

68 5.3 5.4 8.2#



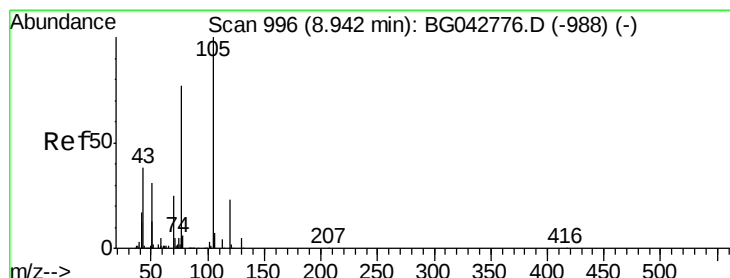
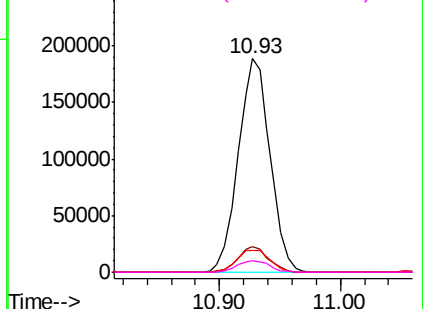
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.854 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Tgt Ion:105 Resp: 346694

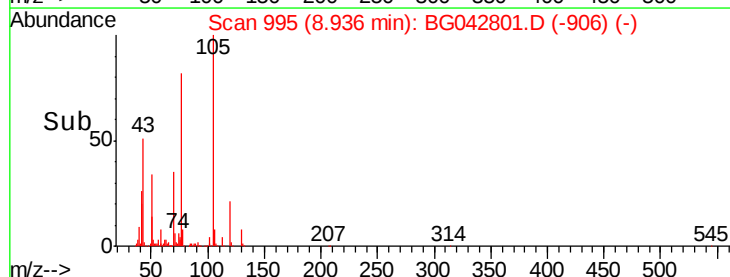
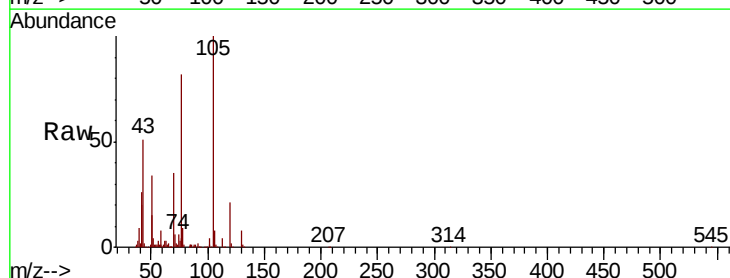
Ion Ratio Lower Upper

105 100

71 6.2 3.7 5.5#

51 34.4 28.8 43.2

120 20.6 18.5 27.7



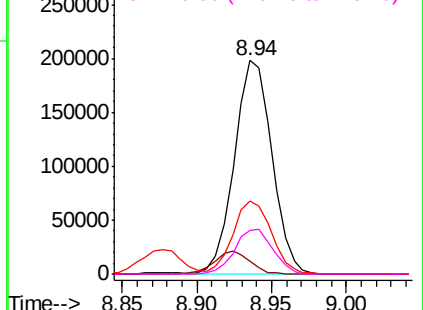
Abundance

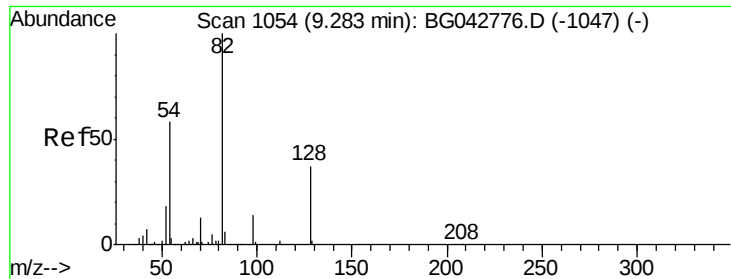
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

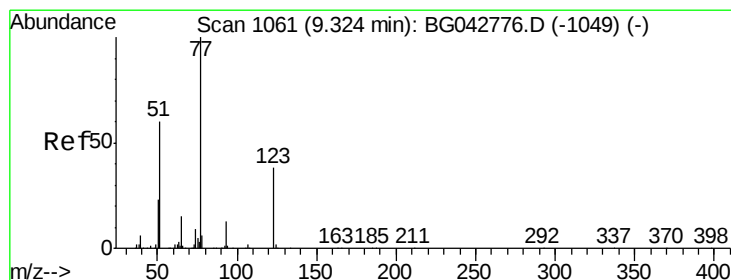
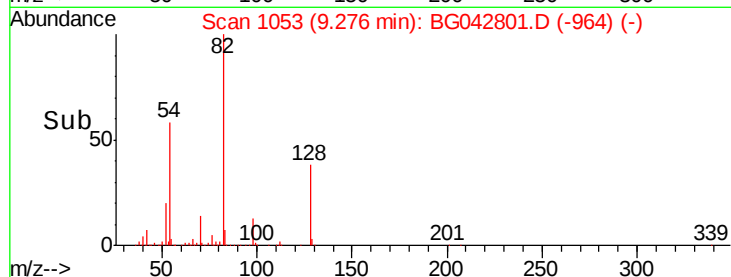
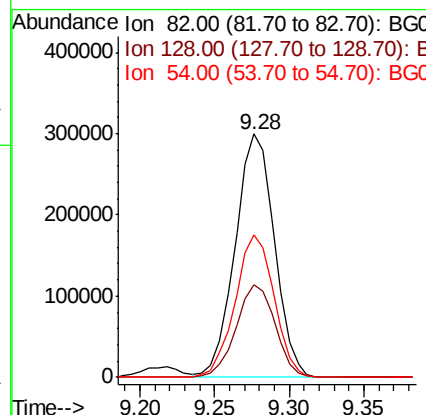
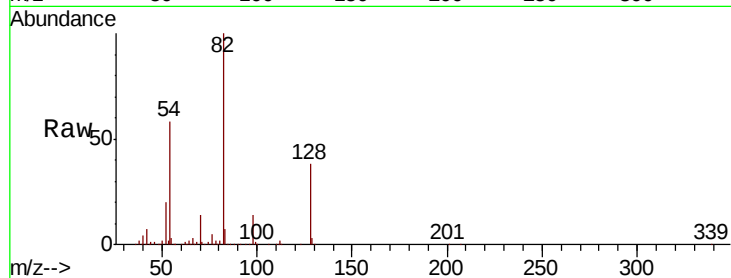




#23
 Nitrobenzene-d5
 Concen: 82.742 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

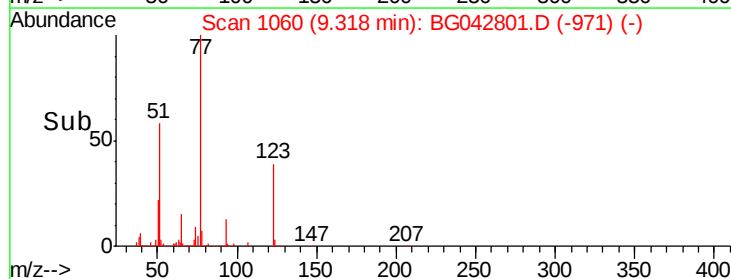
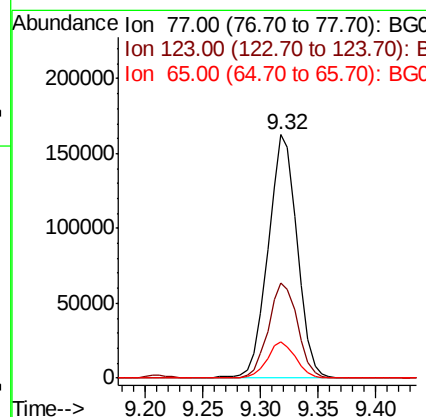
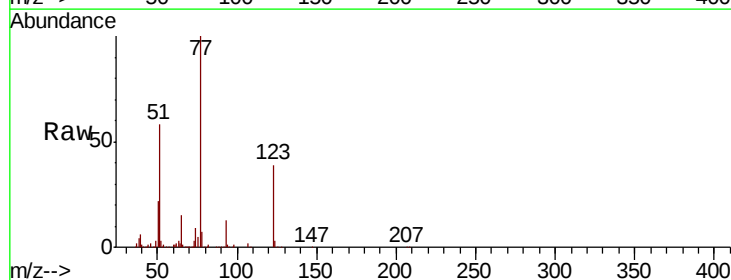
Instrument :
 BNA_G
 ClientSampleId :

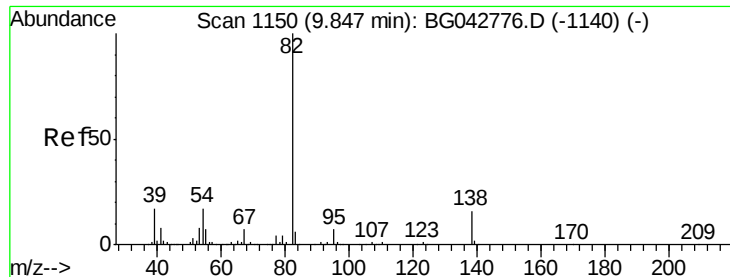
Tot Ion	82	Resp	547416
Ion Ratio	Lower	Upper	
82	100		
128	38.0	29.8	44.8
54	58.3	46.1	69.1



#24
 Nitrobenzene
 Concen: 41.090 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Tgt Ion	77	Resp	285345
Ion Ratio	Lower	Upper	
77	100		
123	39.0	30.7	46.1
65	14.8	12.2	18.4





#25

Isophorone

Concen: 40.098 ng

RT: 9.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

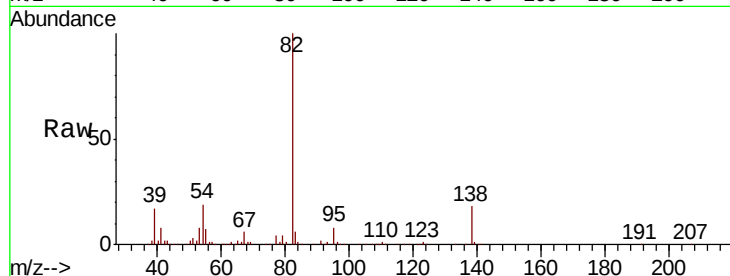
Tot Ion: 82 Resp: 552972

Ion Ratio Lower Upper

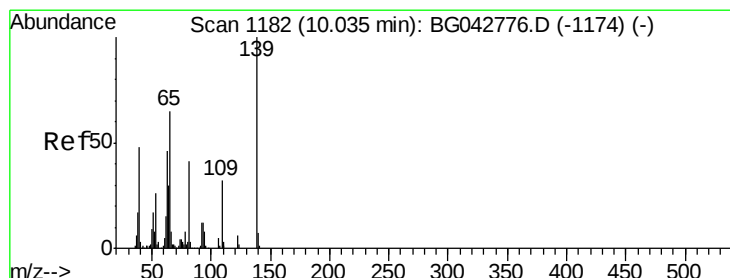
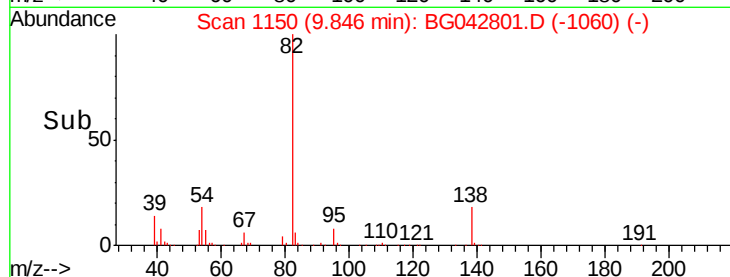
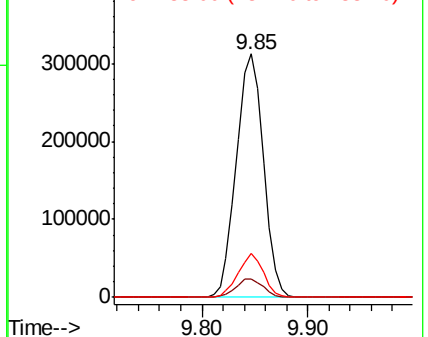
82 100

95 7.7 5.8 8.8

138 18.1 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: 42.338 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

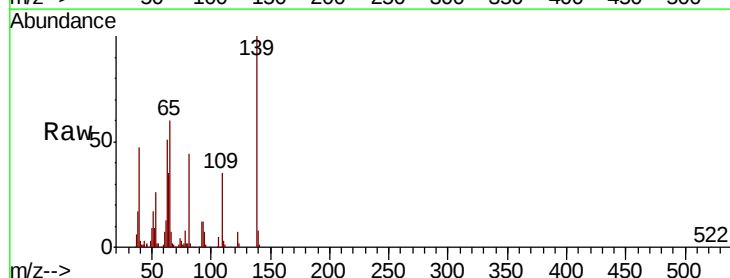
Tgt Ion: 139 Resp: 115613

Ion Ratio Lower Upper

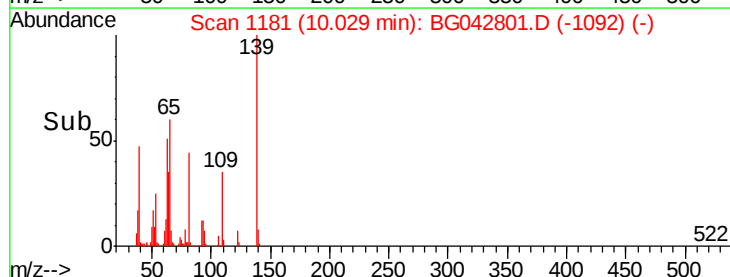
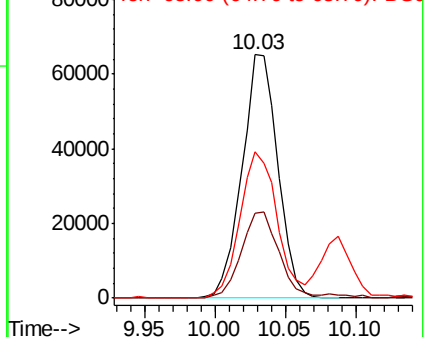
139 100

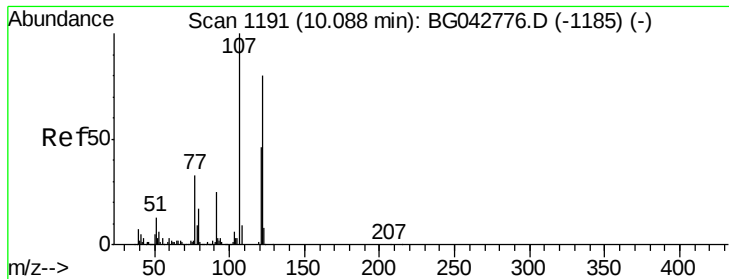
109 35.0 25.8 38.8

65 60.2 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

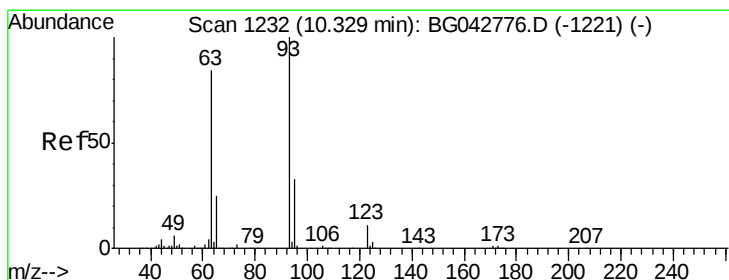
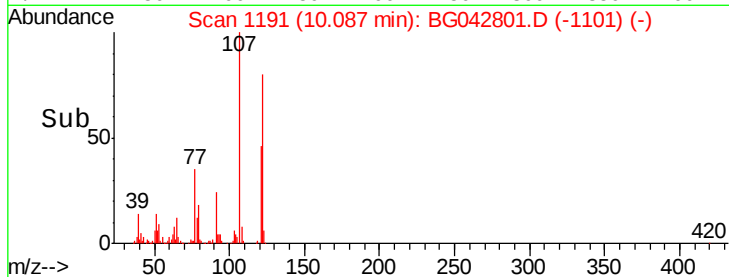
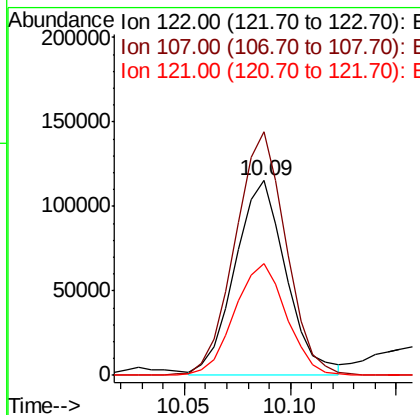
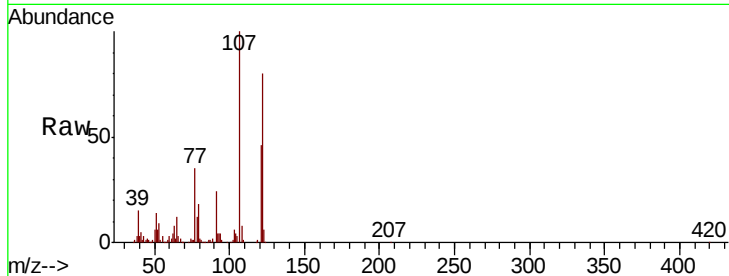




#27
2,4-Dimethylphenol
Concen: 40.141 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

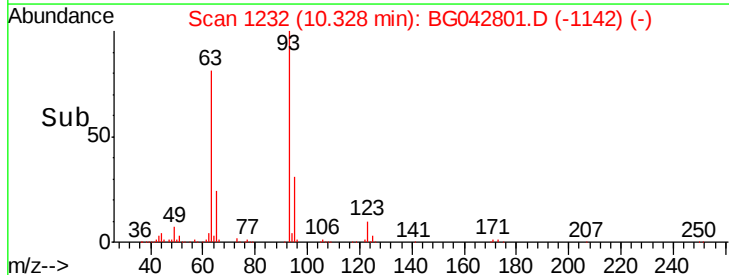
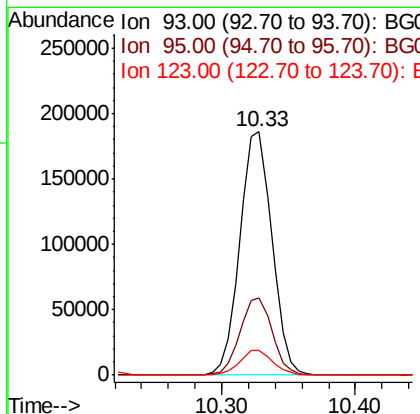
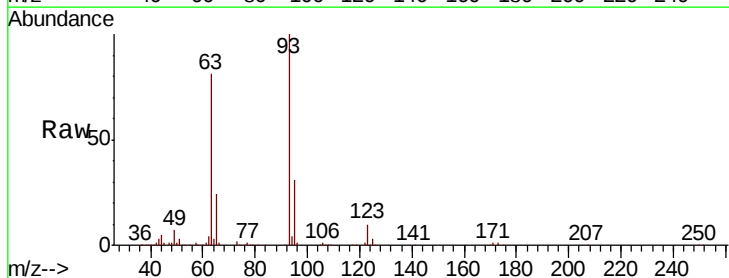
Instrument :
BNA_G
ClientSampleId :

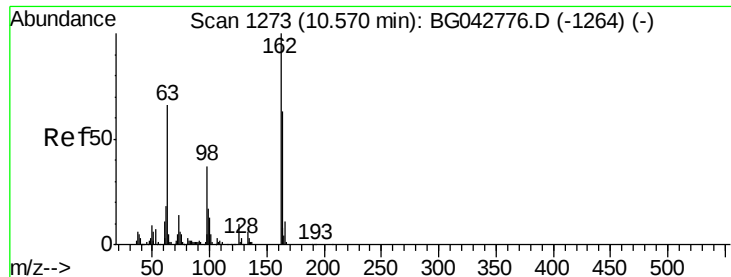
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.9	98.9	148.3
121	57.6	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 40.093 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.6	40.0
123	9.9	9.0	13.6

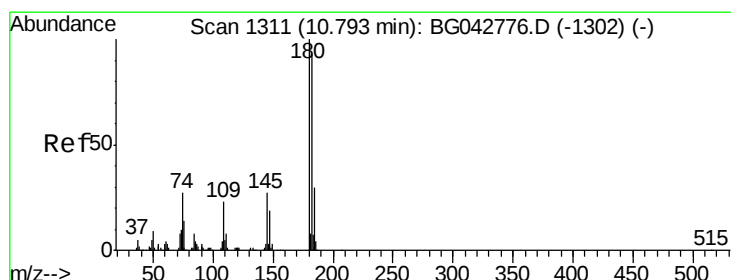
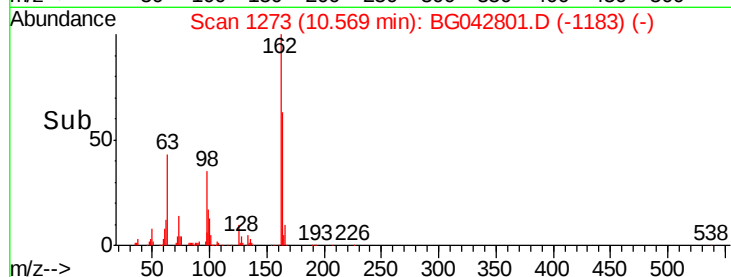
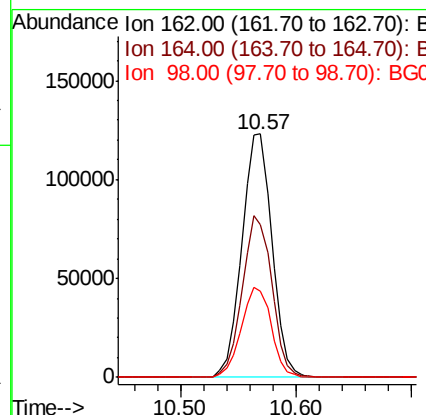
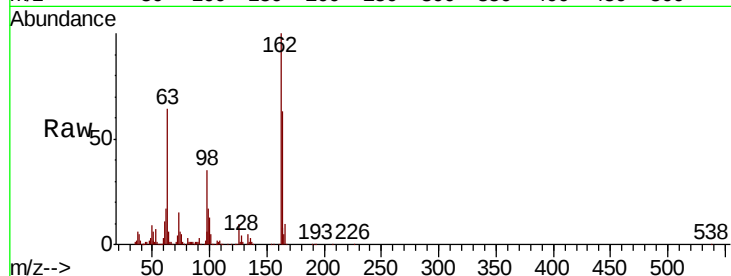




#29
 2,4-Dichlorophenol
 Concen: 39.636 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

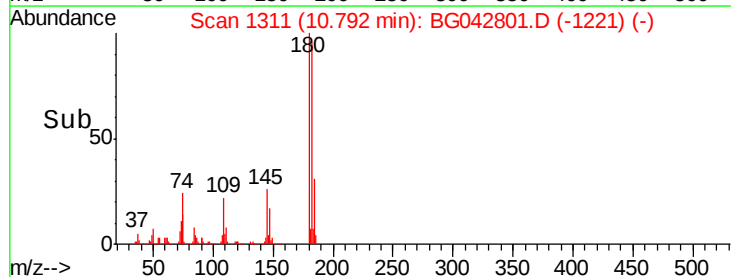
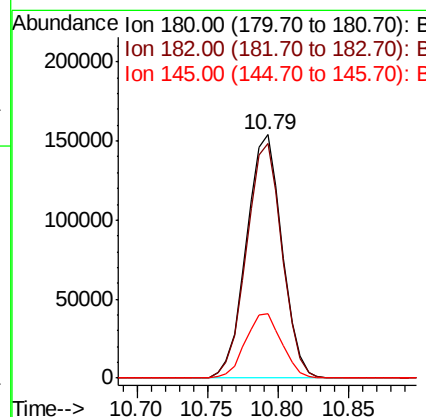
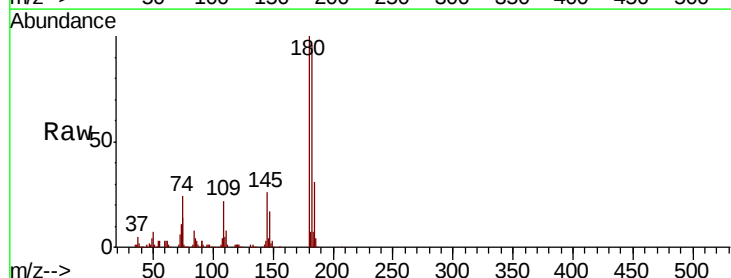
Instrument :
 BNA_G
 ClientSampleId :

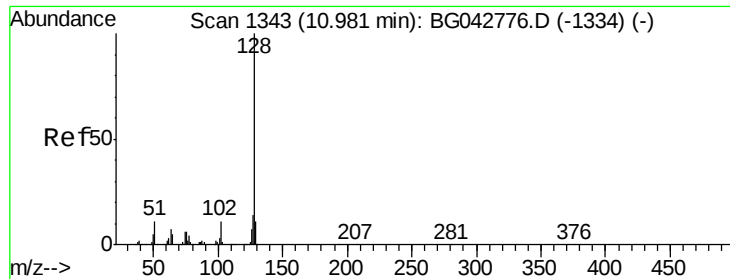
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.4	83.4
98	35.5	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.739 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	74.6	112.0
145	26.4	21.8	32.6

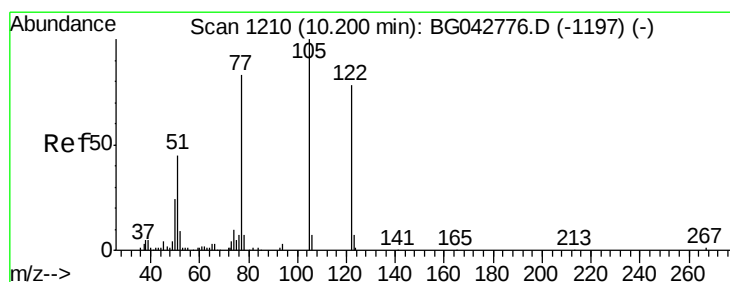
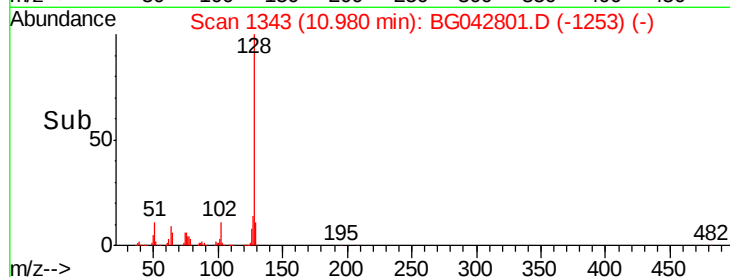
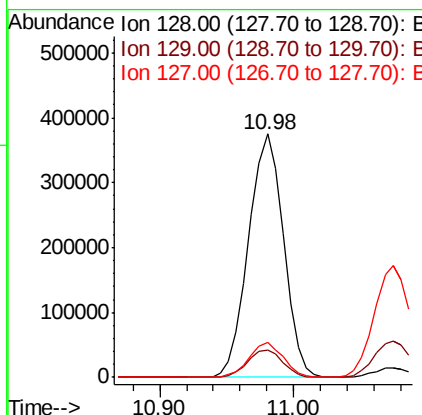
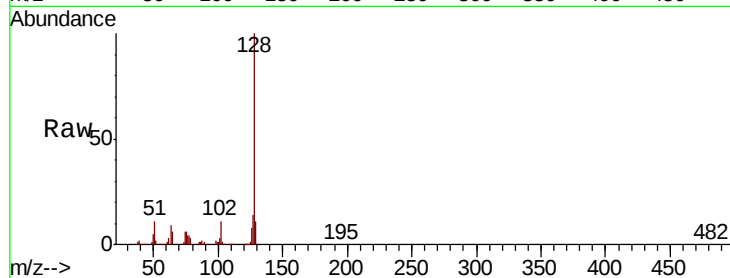




#31
Naphthalene
Concen: 39.897 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

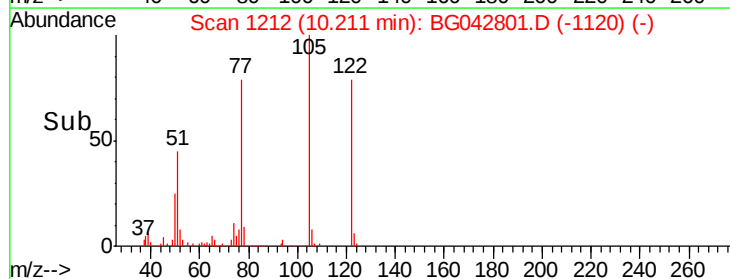
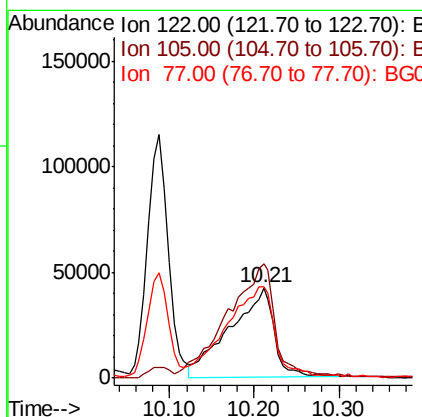
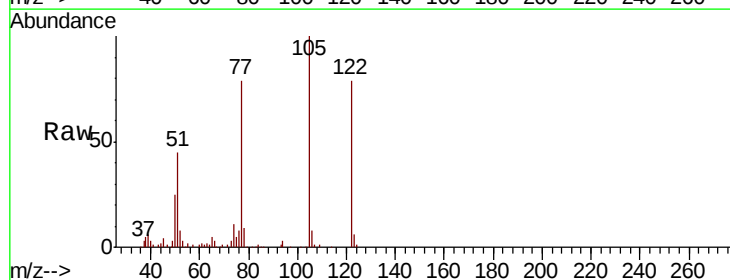
Instrument :
BNA_G
ClientSampleId :

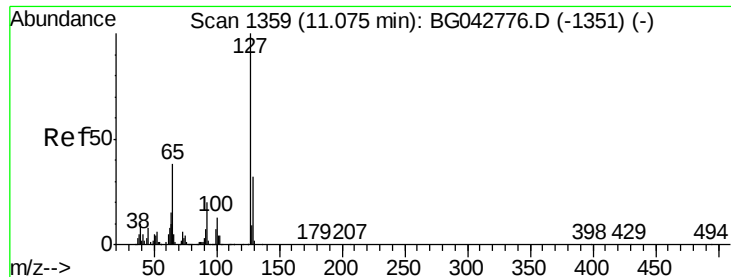
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	14.4	11.4	17.2



#32
Benzoic acid
Concen: 40.626 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.9	104.0	144.0
77	100.5	84.2	124.2

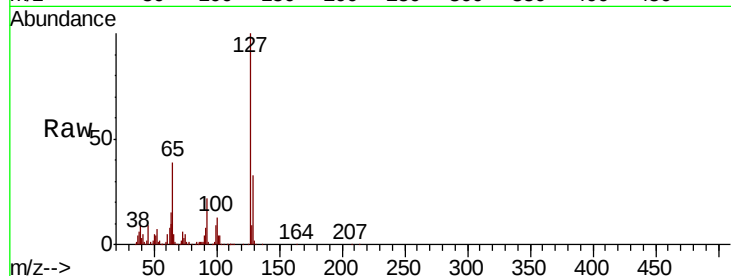




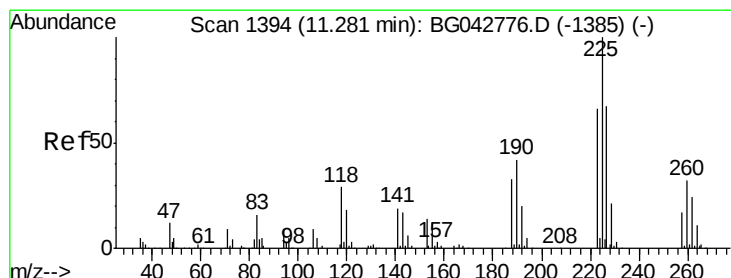
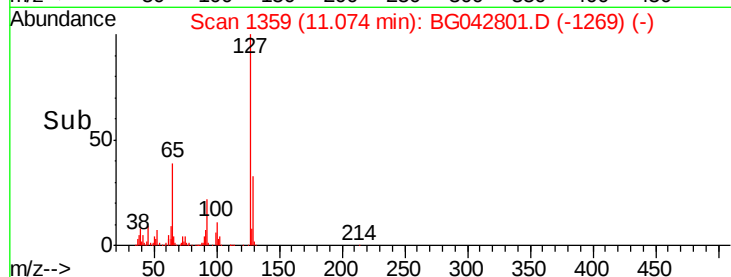
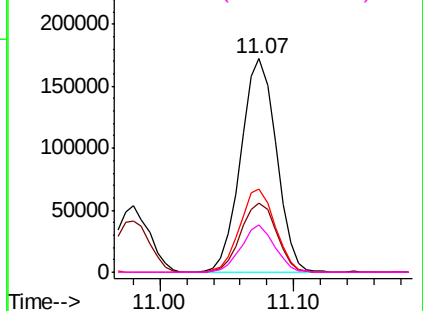
#33
4-Chloroaniline
Concen: 39.916 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	317284
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	39.2	30.5	45.7
92	22.0	15.9	23.9

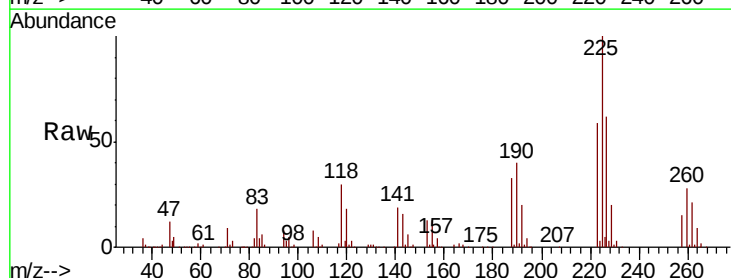


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

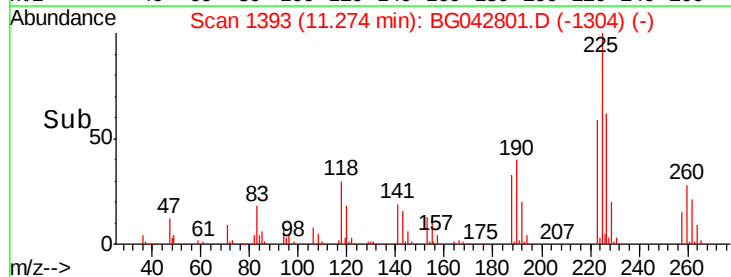
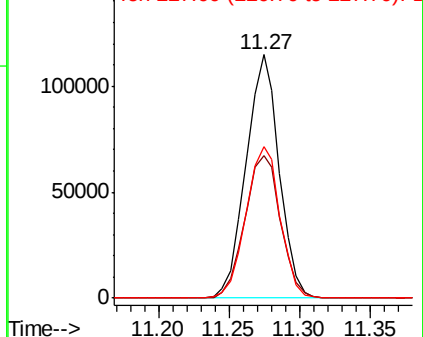


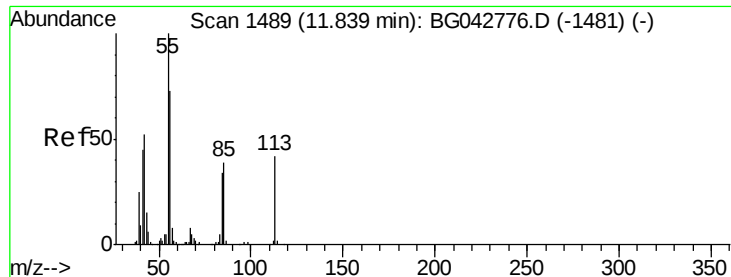
#34
Hexachlorobutadiene
Concen: 39.229 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion:	225	Resp:	188367
Ion	Ratio	Lower	Upper
225	100		
223	58.6	52.6	79.0
227	62.2	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: 40.511 ng

RT: 11.84 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

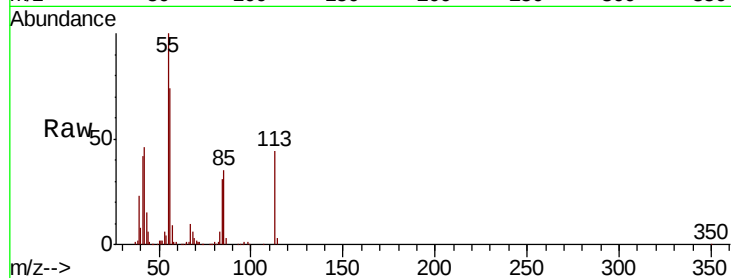
Tot Ion:113 Resp: 84562

Ion Ratio Lower Upper

113 100

55 225.4 218.4 258.4

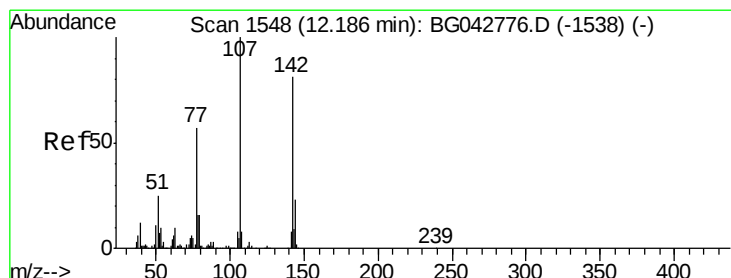
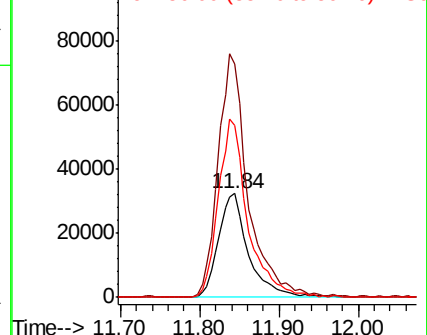
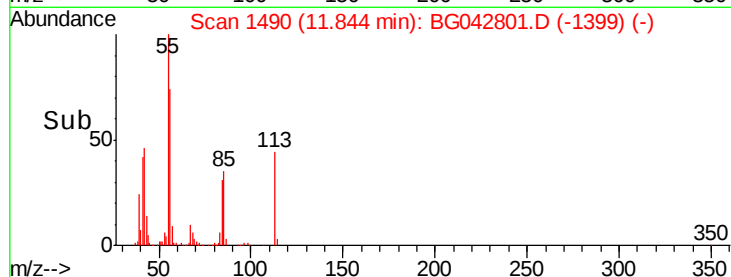
56 166.0 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.797 ng

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

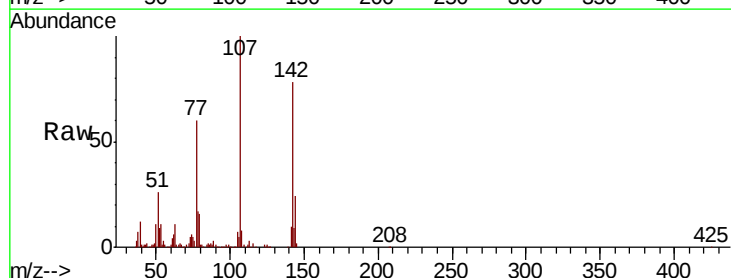
Tgt Ion:107 Resp: 248649

Ion Ratio Lower Upper

107 100

144 24.0 18.7 28.1

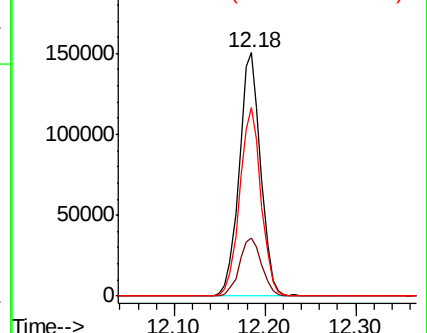
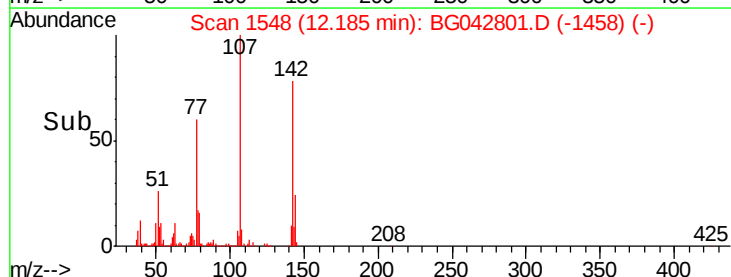
142 77.6 65.0 97.4

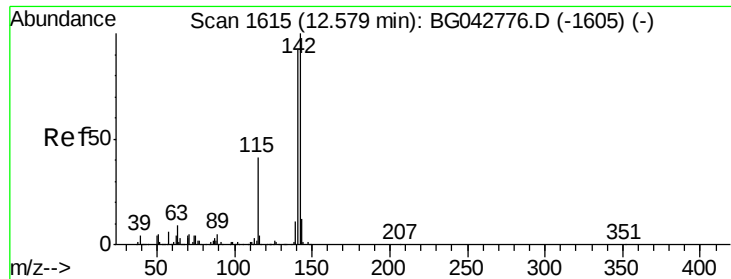


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

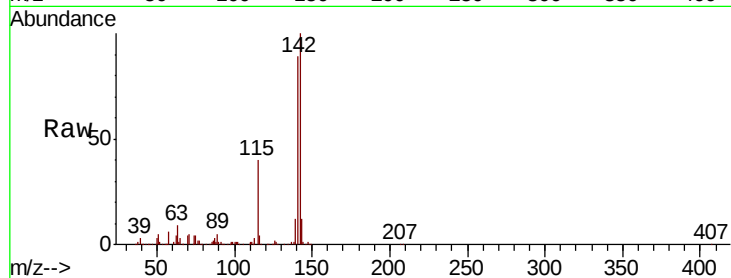




#37
2-Methylnaphthalene
Concen: 40.152 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.8	110.8
115	39.9	33.0	49.4

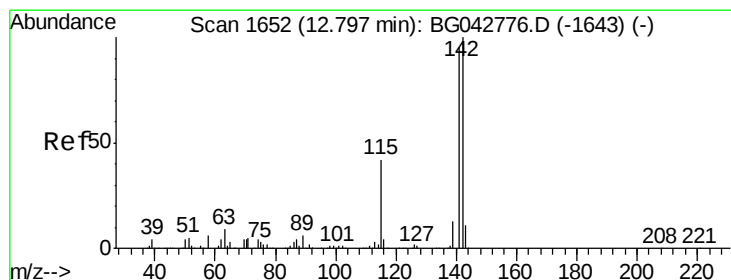
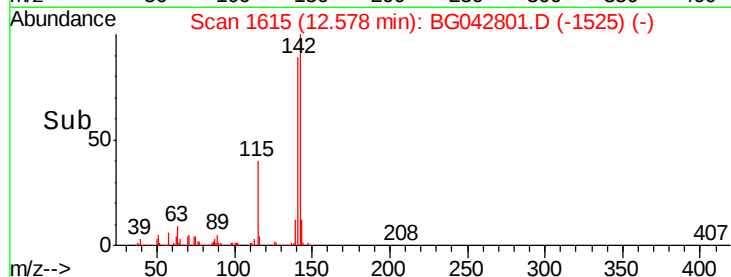
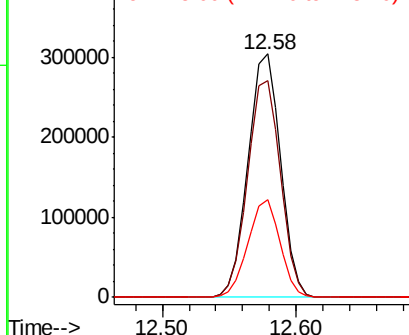


Abundance

Ion 142.00 (141.70 to 142.70): E

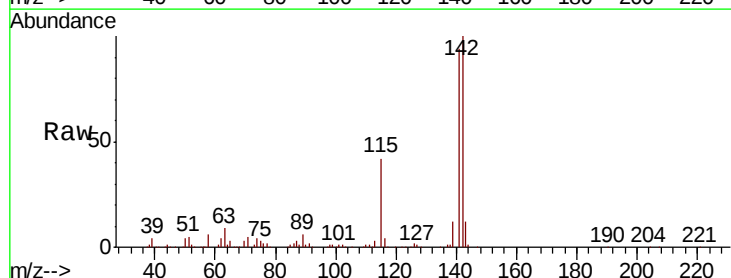
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.363 ng
RT: 12.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.3	114.5
116	4.4	3.4	5.0

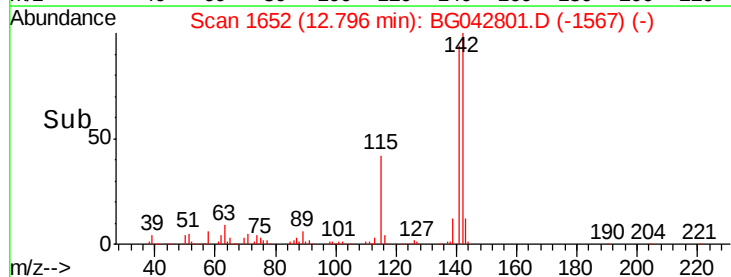
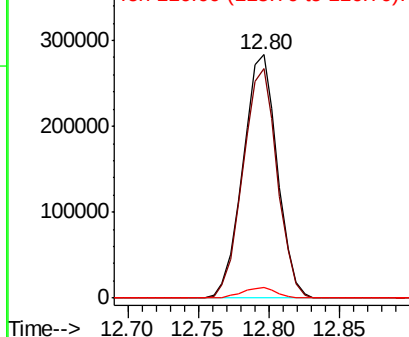


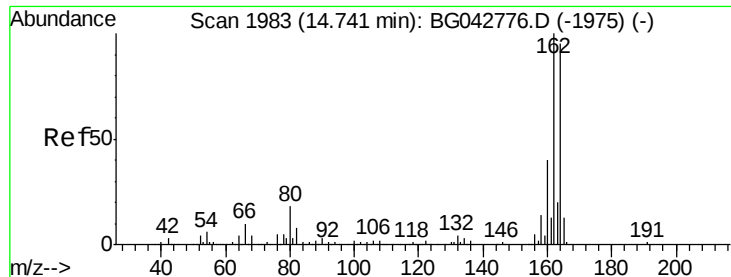
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

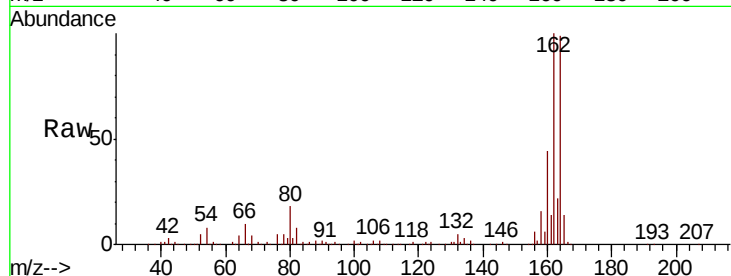
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 241159

Ion	Ratio	Lower	Upper
164	100		
162	100.5	84.6	126.8
160	44.2	34.2	51.2

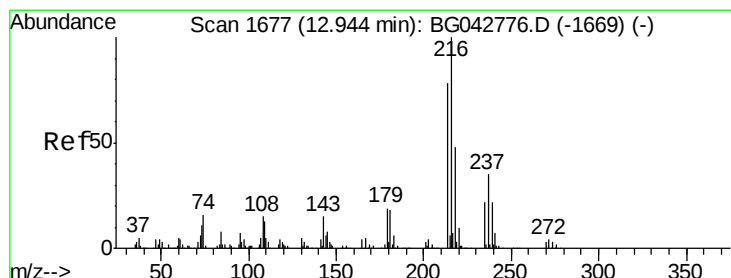
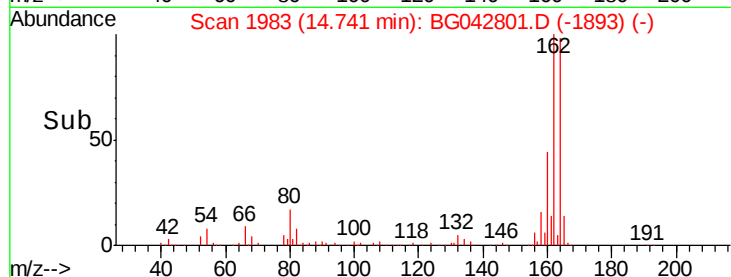
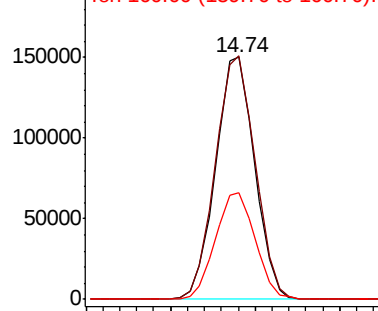


Abundance

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: 39.170 ng

RT: 12.94 min Scan# 1677

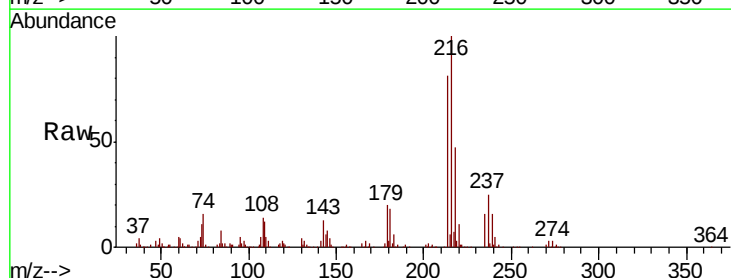
Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Tgt Ion:216 Resp: 312144

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.8	94.2
179	19.9	15.3	22.9
108	15.8	12.9	19.3



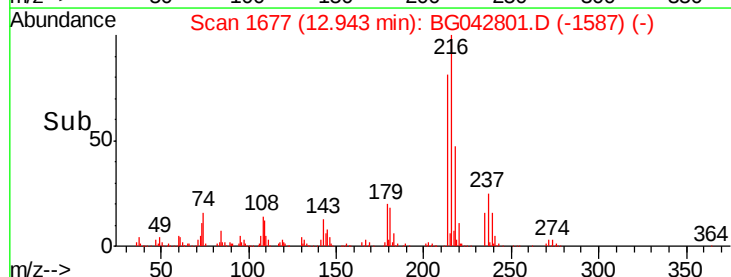
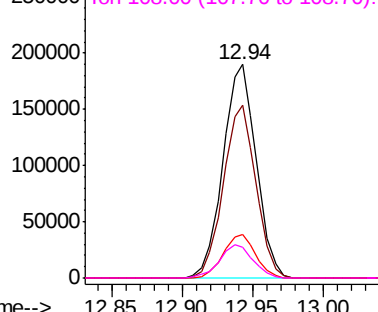
Abundance

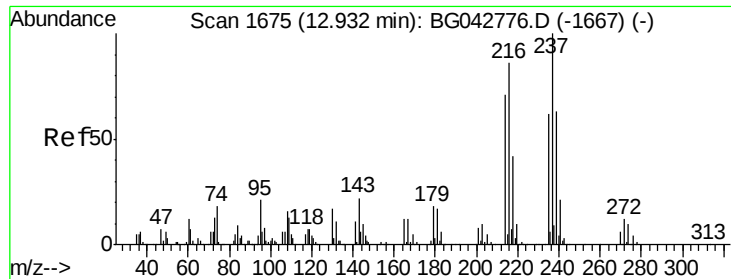
Ion 216.00 (215.70 to 216.70): E

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: 40.652 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

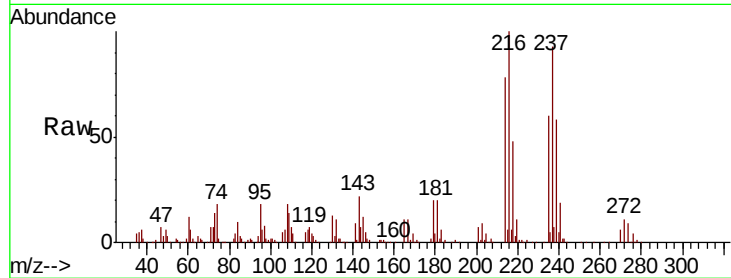
Tot Ion:237 Resp: 185587

Ion Ratio Lower Upper

237 100

235 64.4 41.9 81.9

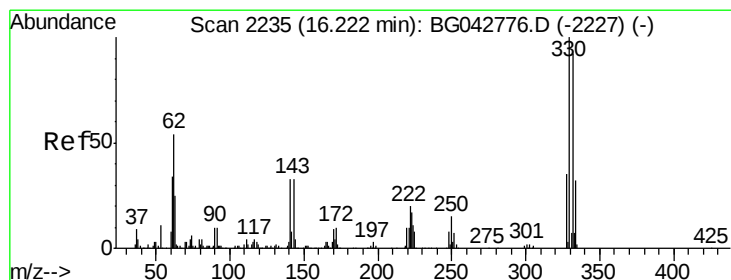
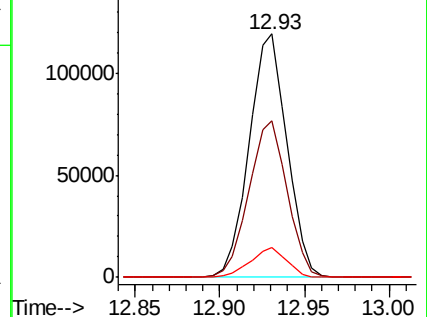
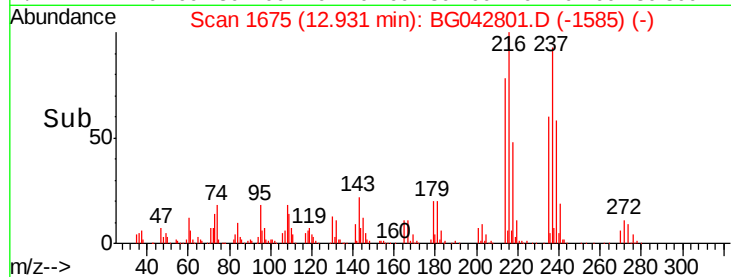
272 12.3 0.0 31.6



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: 77.663 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

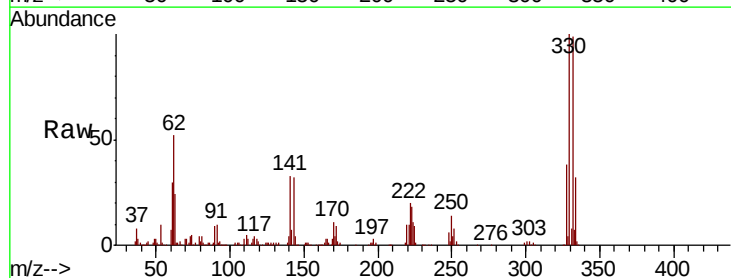
Tgt Ion:330 Resp: 249175

Ion Ratio Lower Upper

330 100

332 97.4 76.7 115.1

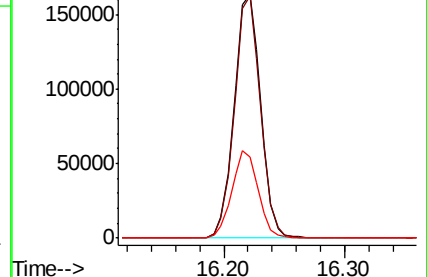
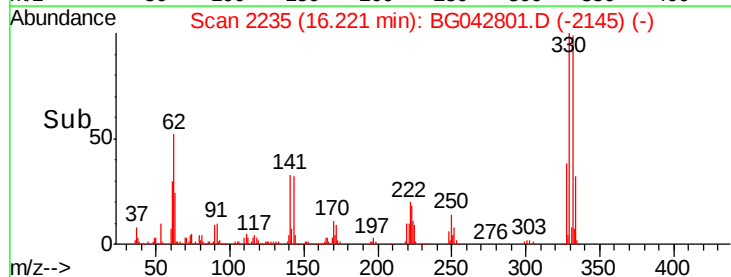
141 35.3 27.0 40.6

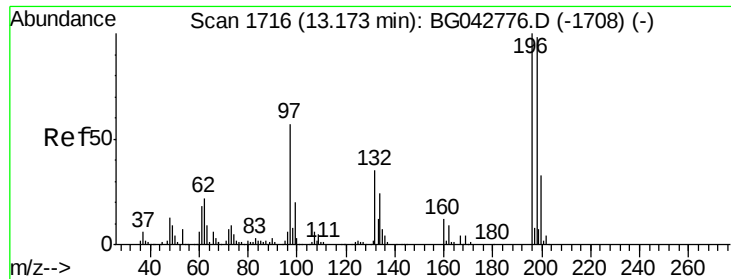


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

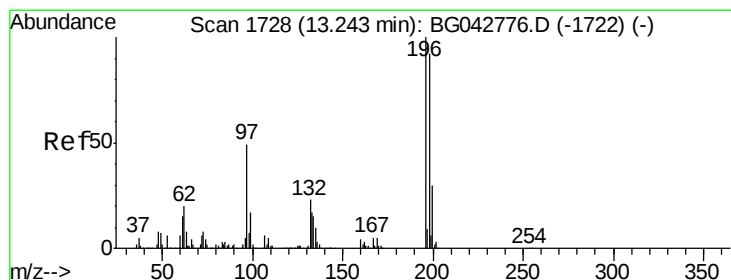
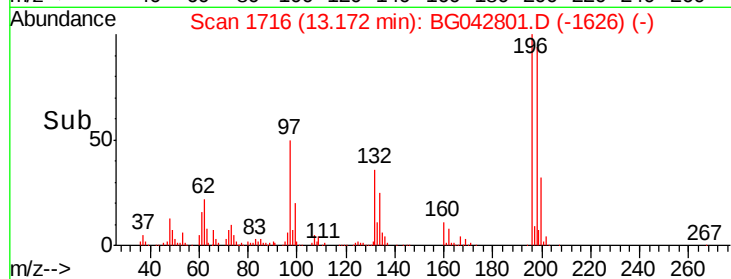
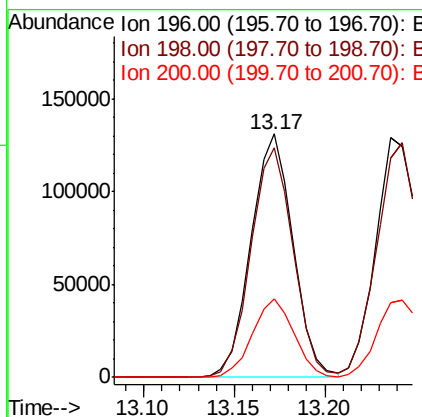
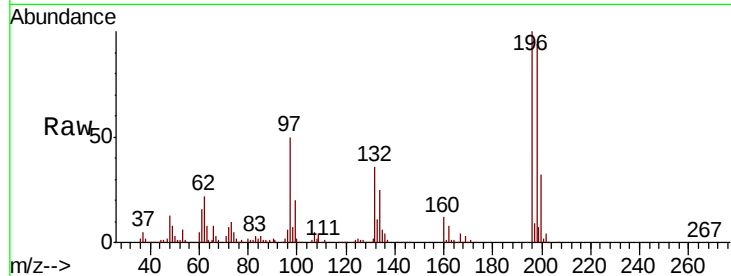




#43
 2,4,6-Trichlorophenol
 Concen: 39.824 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

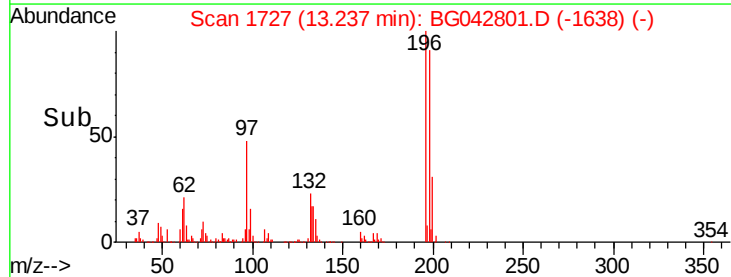
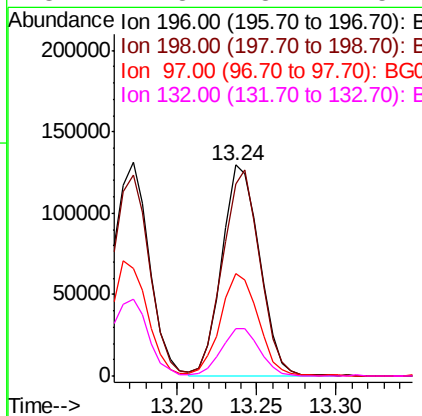
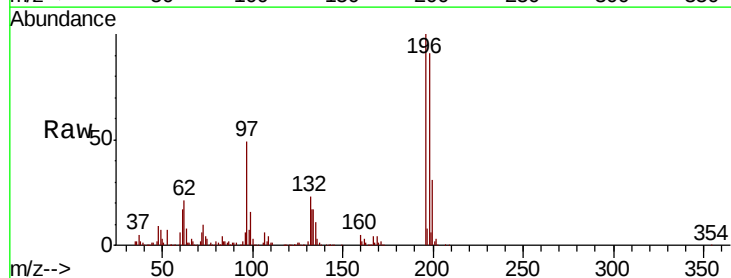
Instrument :
 BNA_G
 ClientSampleId :

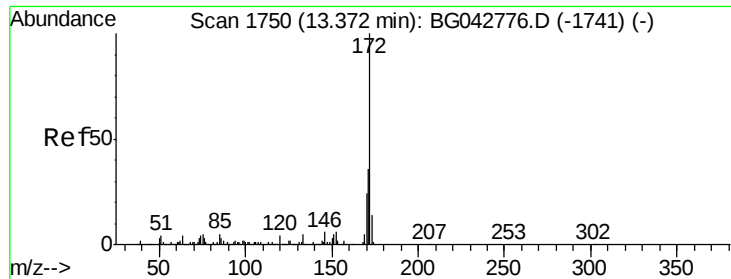
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	78.8	118.2
200	32.3	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 39.343 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.2	73.4	110.0
97	48.6	39.2	58.8
132	22.8	18.7	28.1

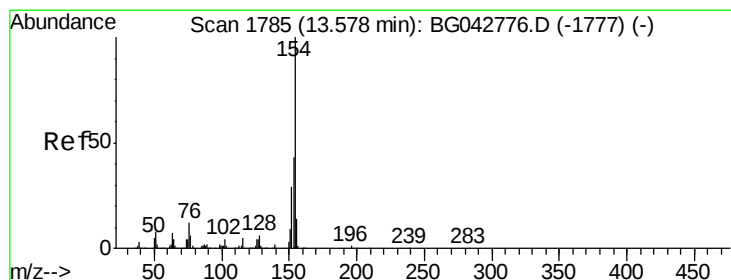
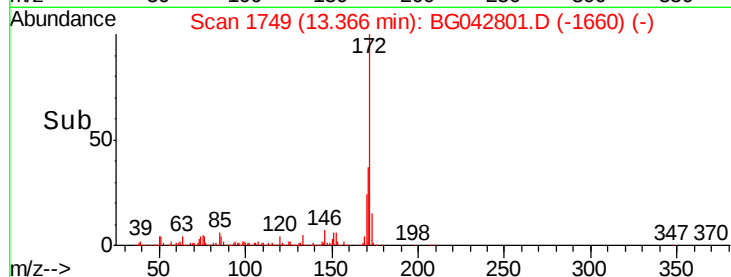
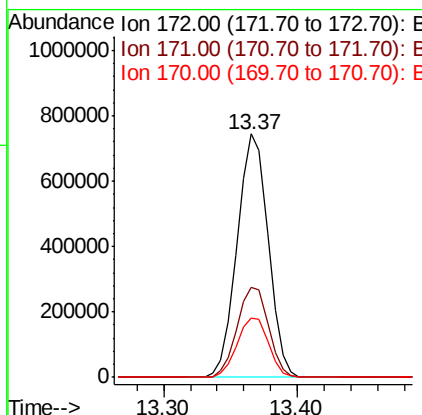
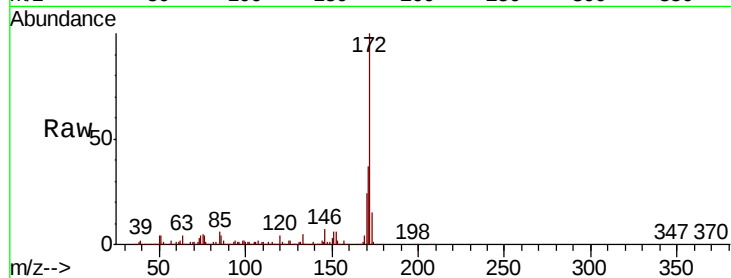




#45
2-Fluorobiphenyl
Concen: 78.432 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

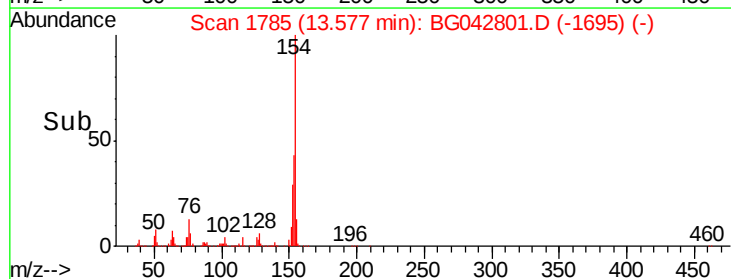
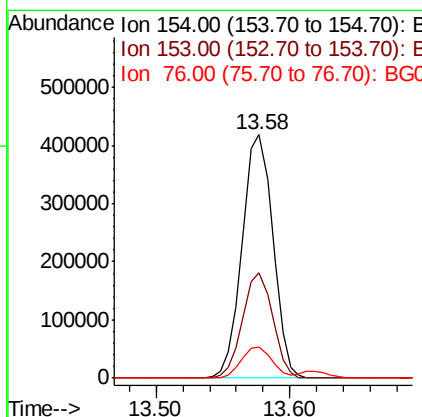
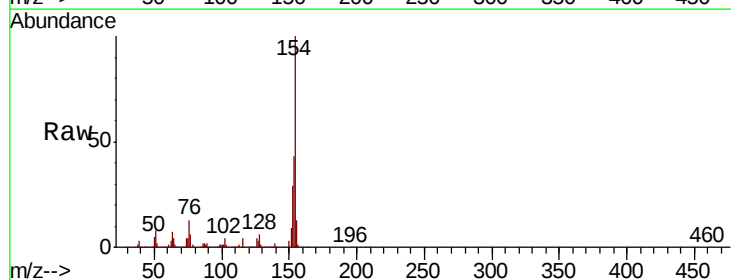
Instrument :
BNA_G
ClientSampleId :

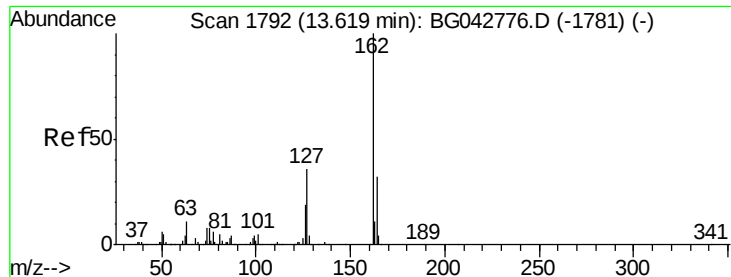
Tot Ion:172 Resp: 1194913
Ion Ratio Lower Upper
172 100
171 37.1 28.9 43.3
170 24.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.484 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion:154 Resp: 666594
Ion Ratio Lower Upper
154 100
153 43.4 22.6 62.6
76 13.0 0.0 32.2





#47

2-Chloronaphthalene

Concen: 38.935 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042801.D

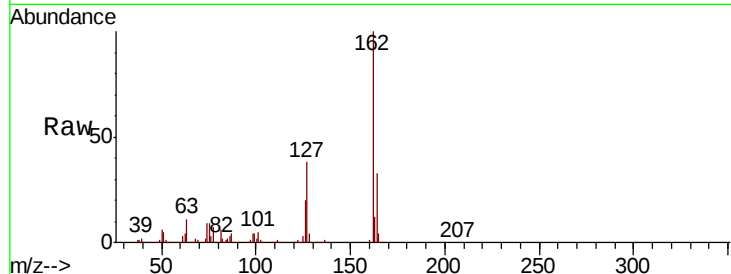
Acq: 13 Sep 2019 4:31

Instrument :

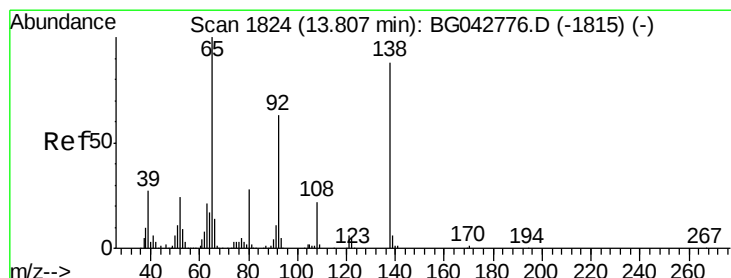
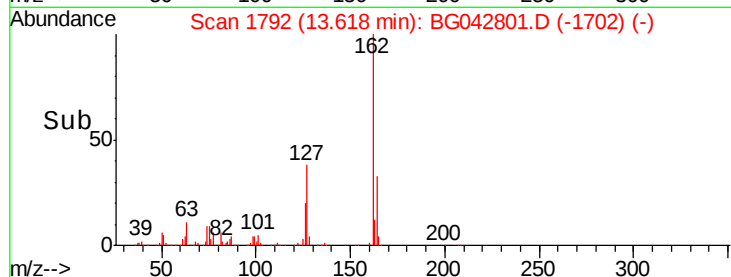
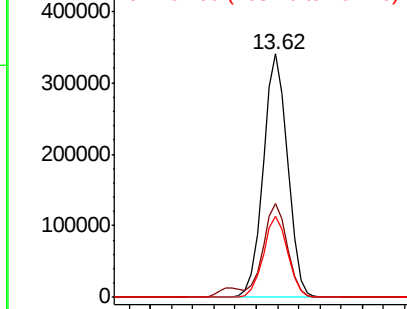
BNA_G

ClientSampleId :

Tot Ion:	162	Resp:	543757
Ion	Ratio	Lower	Upper
162	100		
127	38.3	29.3	43.9
164	33.1	26.0	39.0



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



#48

2-Nitroaniline

Concen: 42.489 ng

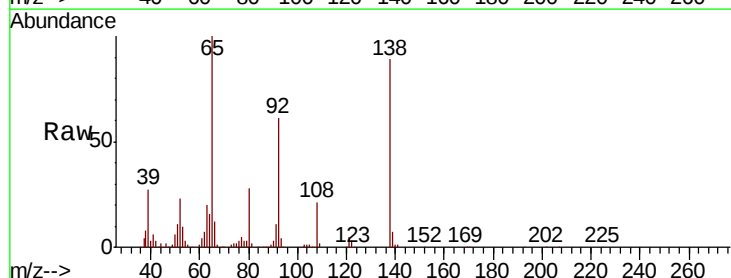
RT: 13.81 min Scan# 1824

Delta R.T. -0.00 min

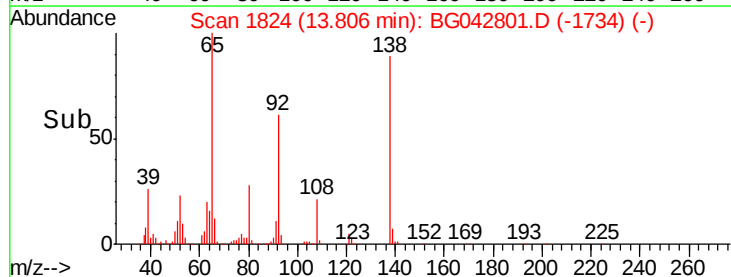
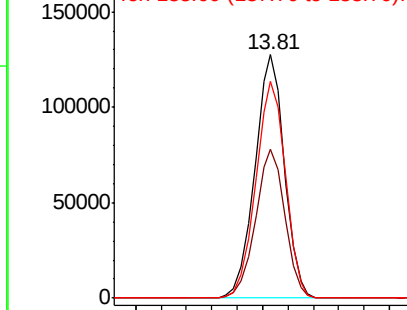
Lab File: BG042801.D

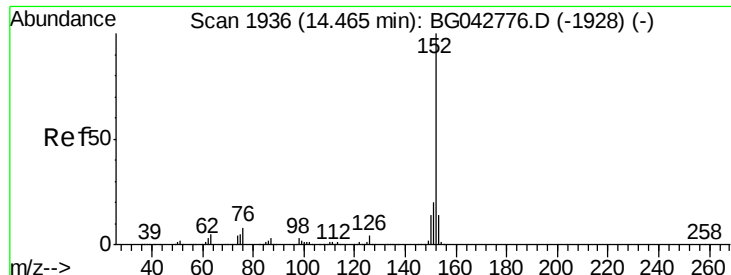
Acq: 13 Sep 2019 4:31

Tgt Ion:	65	Resp:	205847
Ion	Ratio	Lower	Upper
65	100		
92	61.0	50.4	75.6
138	89.0	70.6	106.0



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





#49

Acenaphthylene

Concen: 39.462 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

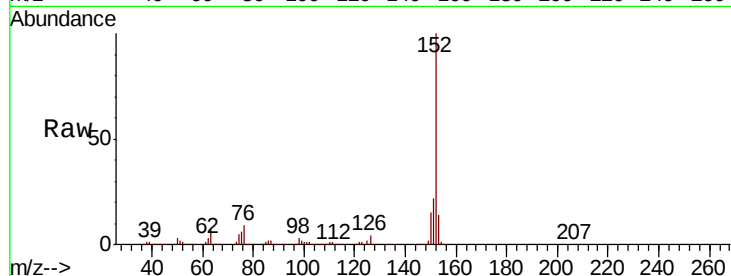
Tot Ion:152 Resp: 842196

Ion Ratio Lower Upper

152 100

151 21.6 16.0 24.0

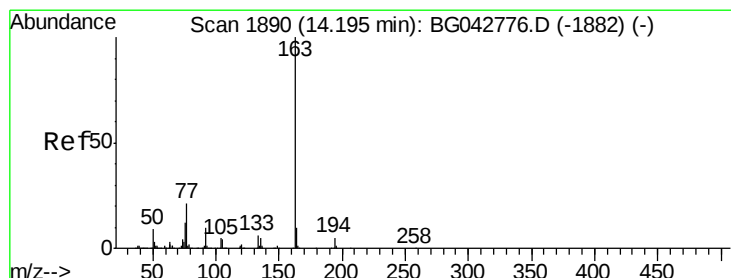
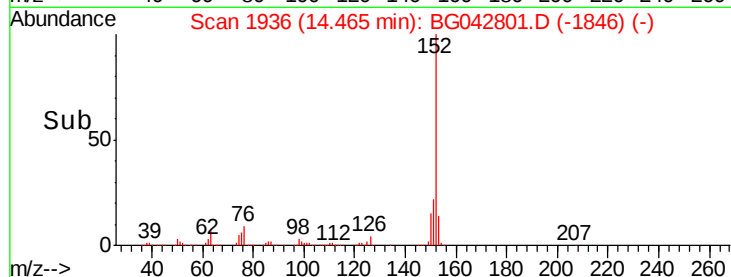
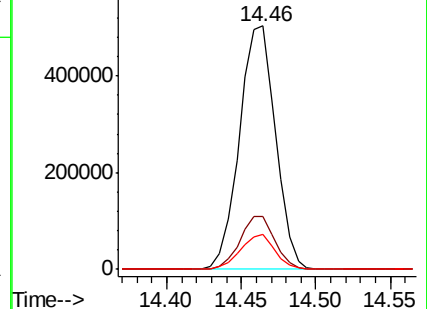
153 14.1 11.4 17.0



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: 39.390 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

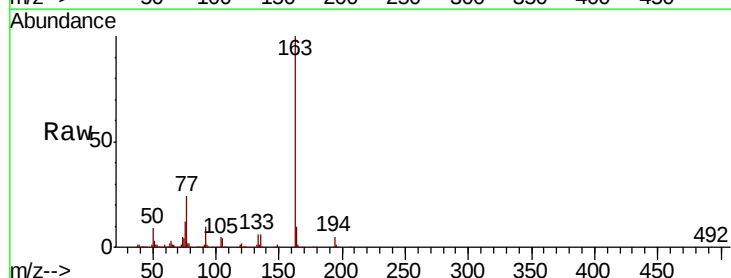
Tgt Ion:163 Resp: 711608

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.4

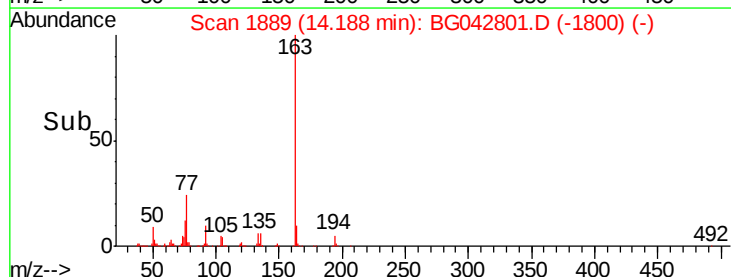
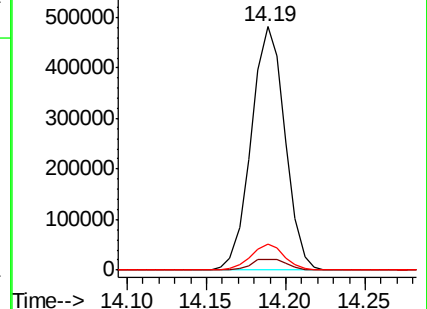
164 10.4 8.4 12.6



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

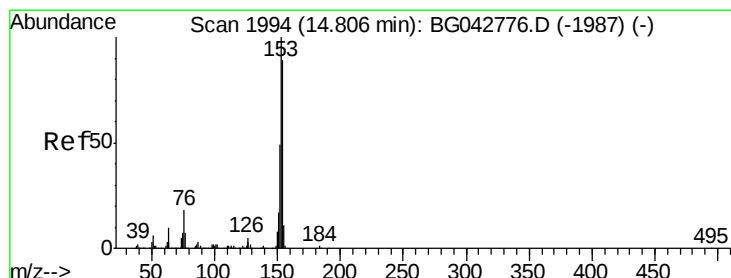
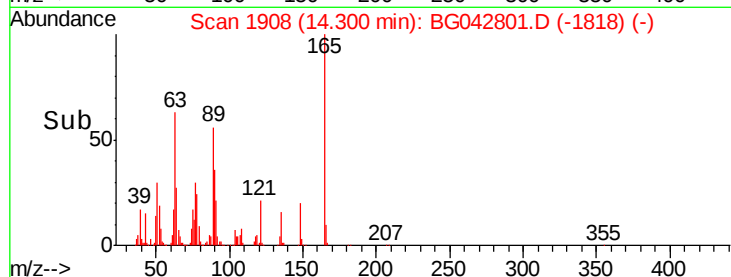
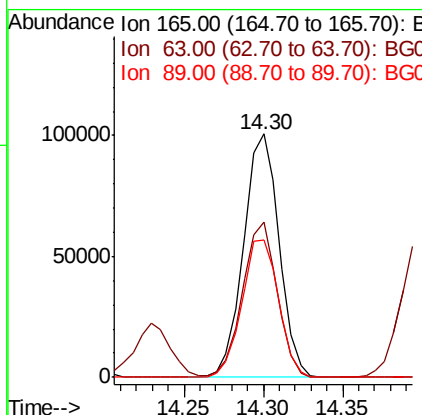
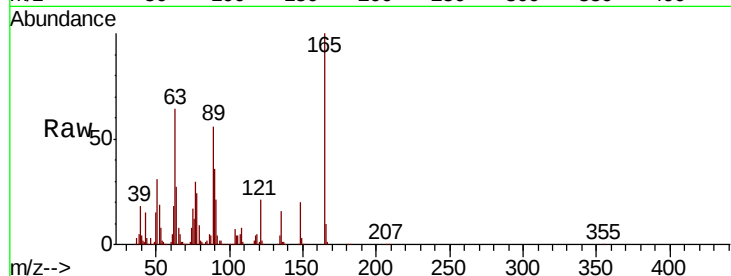




#51
 2,6-Dinitrotoluene
 Concen: 42.108 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

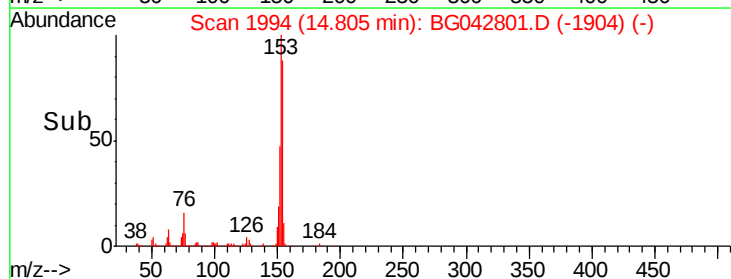
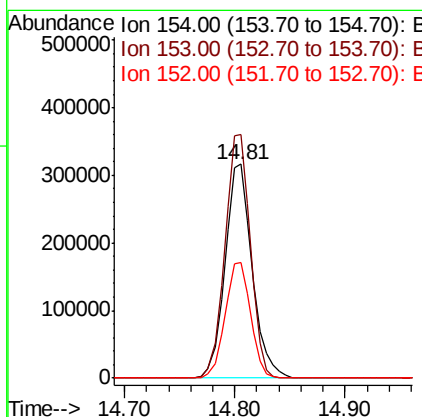
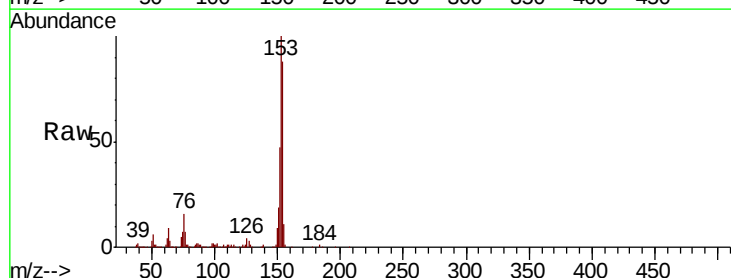
Instrument :
 BNA_G
 ClientSampled :

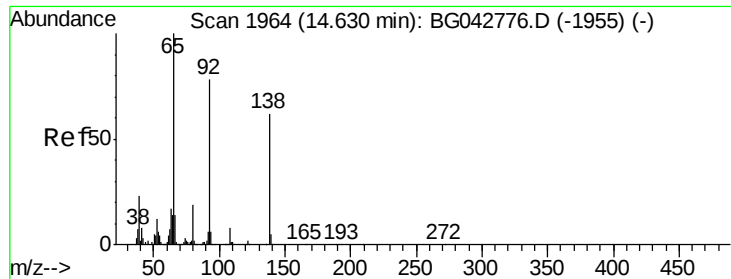
Tot Ion:165 Resp: 156092
 Ion Ratio Lower Upper
 165 100
 63 63.7 52.1 78.1
 89 56.2 51.7 77.5



#52
 Acenaphthene
 Concen: 39.032 ng
 RT: 14.81 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Tgt Ion:154 Resp: 544210
 Ion Ratio Lower Upper
 154 100
 153 113.9 89.4 134.2
 152 53.8 43.5 65.3

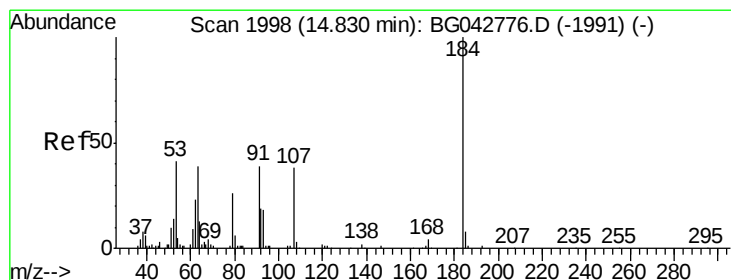
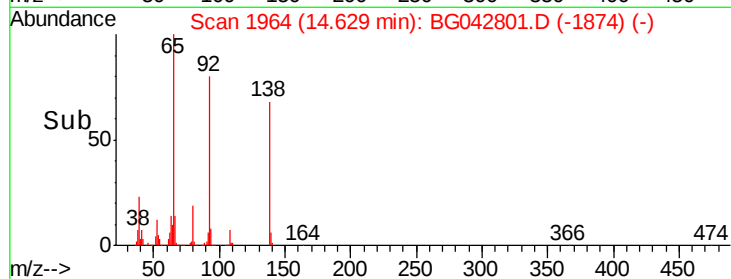
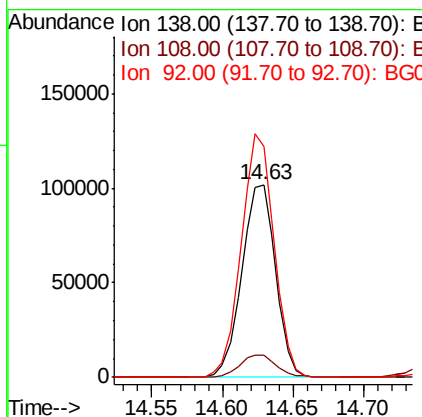
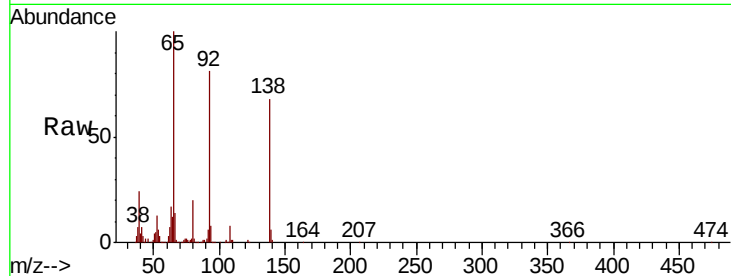




#53
 3-Nitroaniline
 Concen: 40.955 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

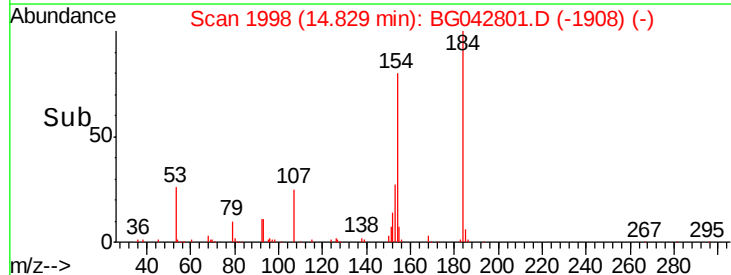
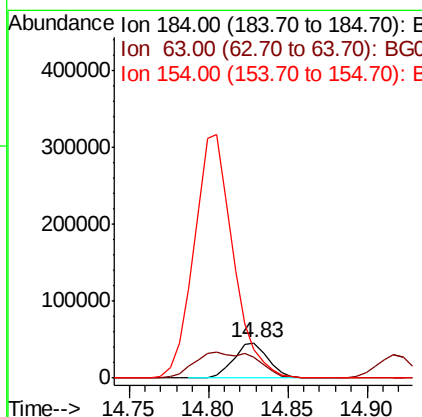
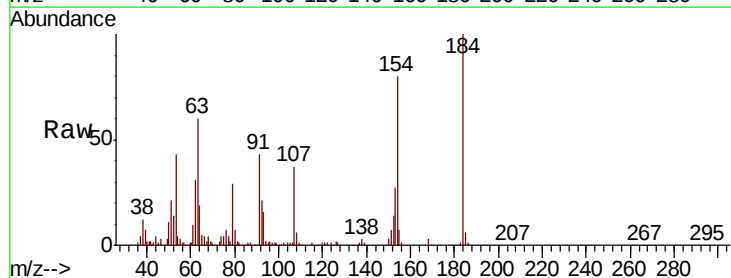
Instrument :
 BNA_G
 ClientSampleId :

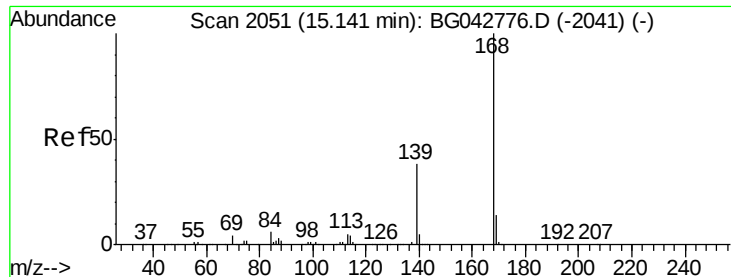
Tot Ion:138 Resp: 170388
 Ion Ratio Lower Upper
 138 100
 108 11.8 10.7 16.1
 92 119.8 100.5 150.7



#54
 2,4-Dinitrophenol
 Concen: 37.839 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Tgt Ion:184 Resp: 69052
 Ion Ratio Lower Upper
 184 100
 63 60.4 46.2 69.4
 154 79.9 81.3 121.9#

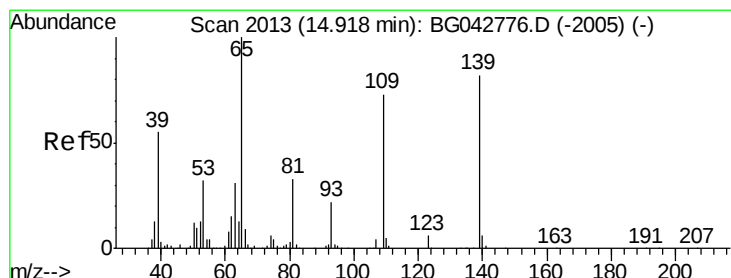
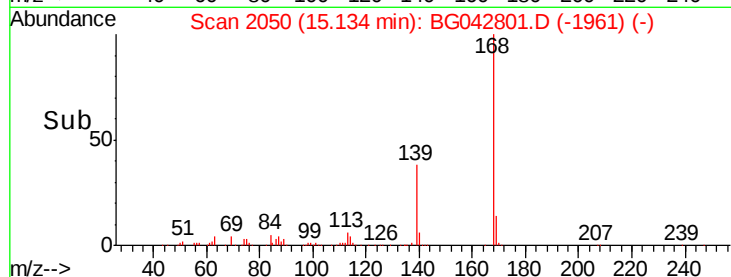
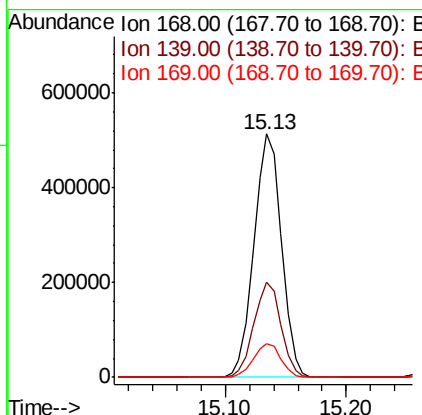
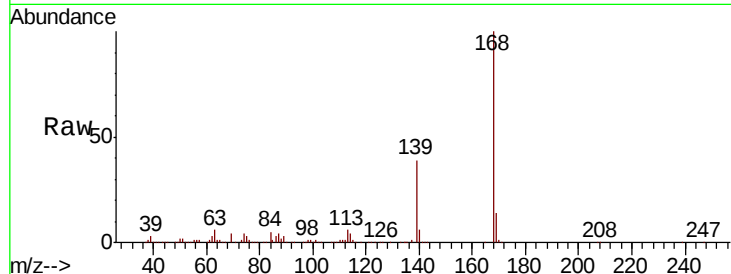




#55
Dibenzenofuran
Concen: 39.129 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

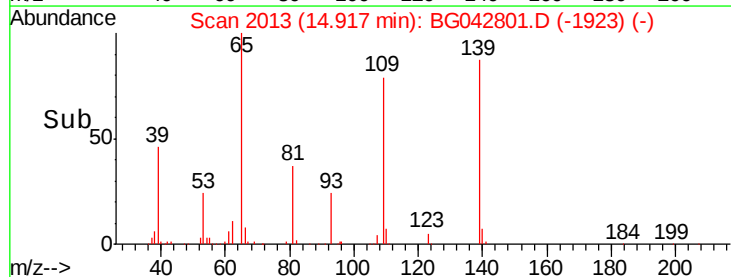
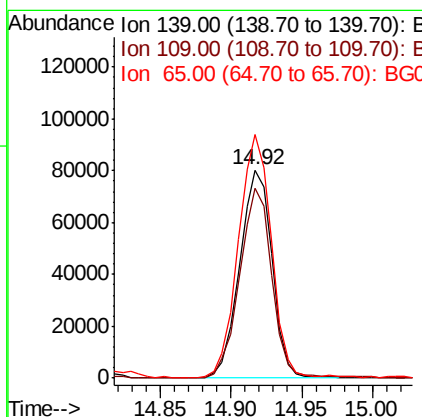
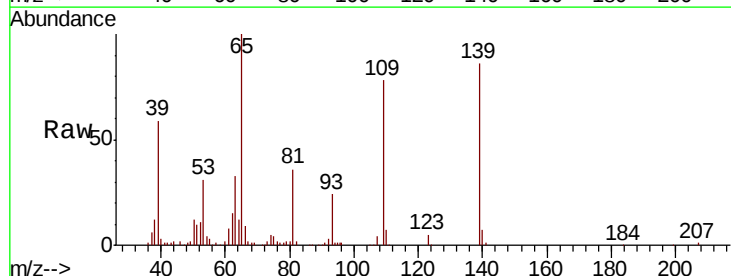
Instrument :
BNA_G
ClientSampleId :

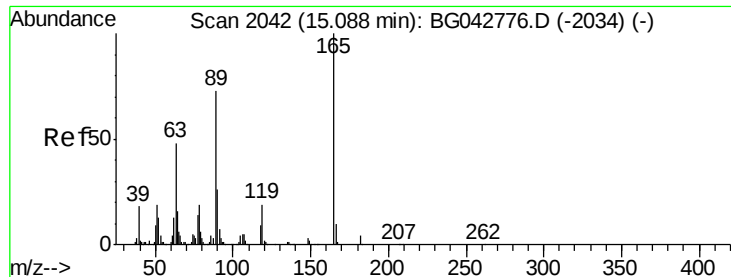
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.2	45.4
169	13.9	11.2	16.8



#56
4-Nitrophenol
Concen: 40.203 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.4	69.4	109.4
65	116.9	102.5	142.5

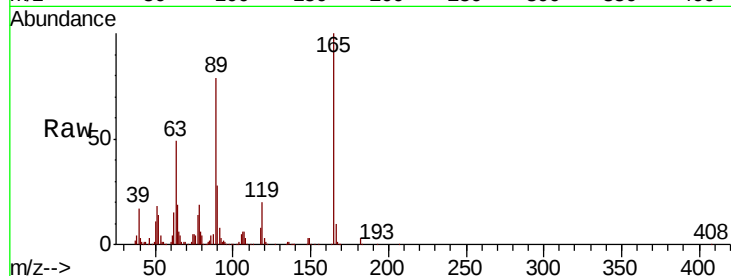




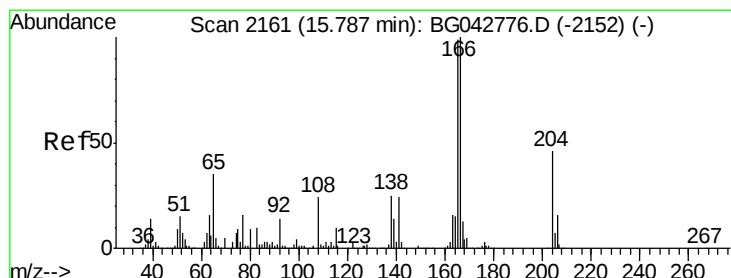
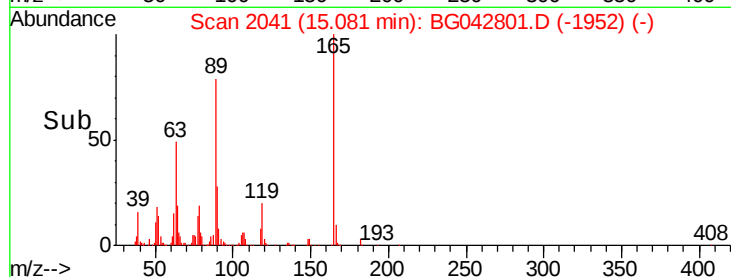
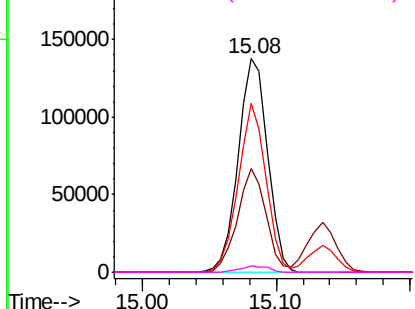
#57
2,4-Dinitrotoluene
Concen: 42.299 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	209000
Ion Ratio	Lower	Upper
165	100	
63	48.8	38.3 57.5
89	79.3	58.4 87.6
182	3.1	2.9 4.3

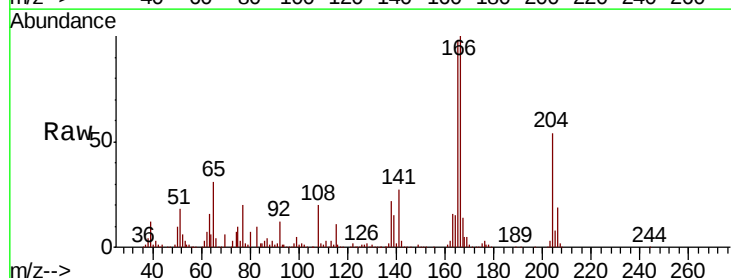


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

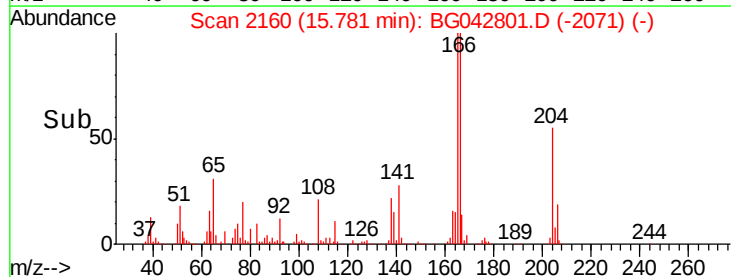
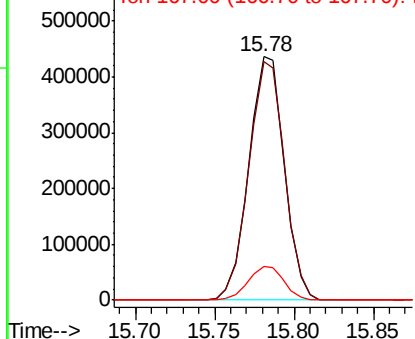


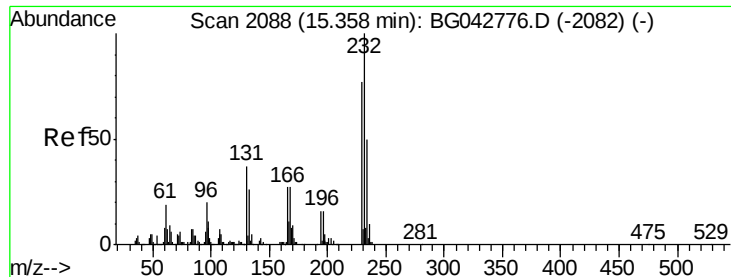
#58
Fluorene
Concen: 39.552 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion:166	Resp:	679326
Ion Ratio	Lower	Upper
166	100	
165	97.9	79.1 118.7
167	14.1	10.7 16.1



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.089 ng

RT: 15.28 min Scan# 2074

Delta R.T. -0.08 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 216451

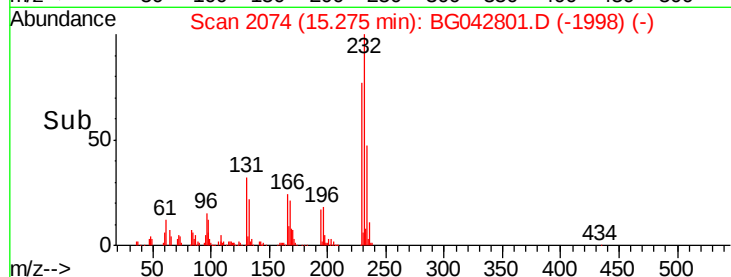
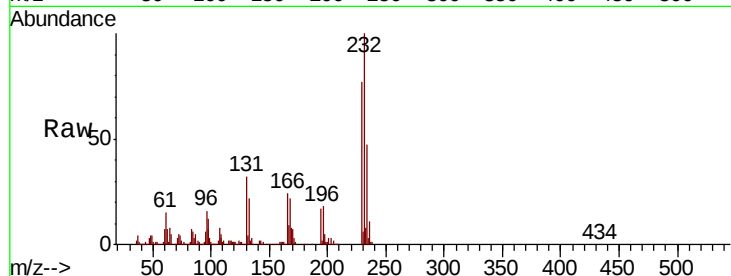
Ion Ratio Lower Upper

232 100

131 33.4 31.1 46.7

130 2.6 1.8 2.6

166 22.8 21.7 32.5



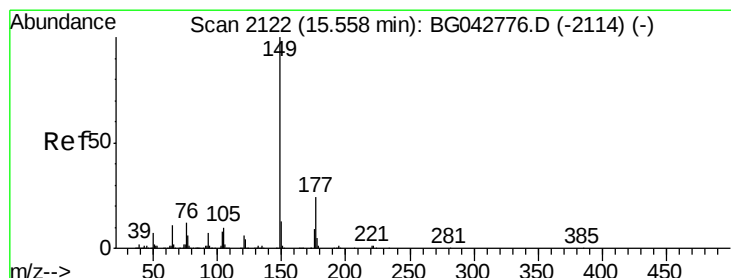
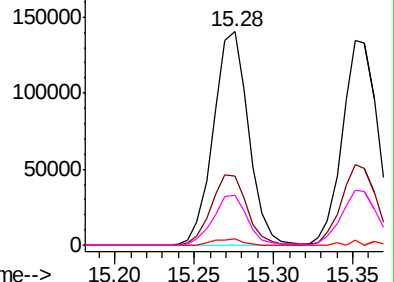
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



#60

Diethylphthalate

Concen: 38.997 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

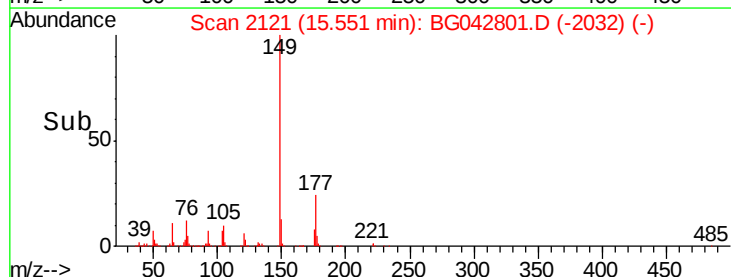
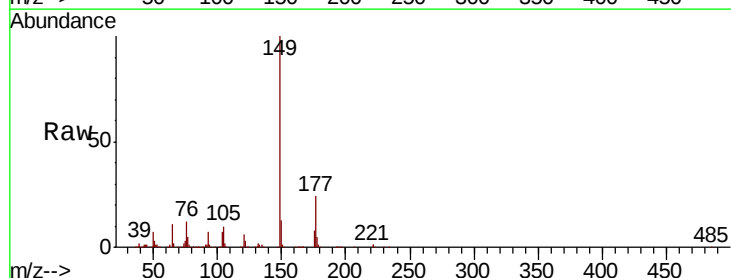
Tgt Ion:149 Resp: 715130

Ion Ratio Lower Upper

149 100

177 24.2 19.4 29.0

150 12.9 10.2 15.4

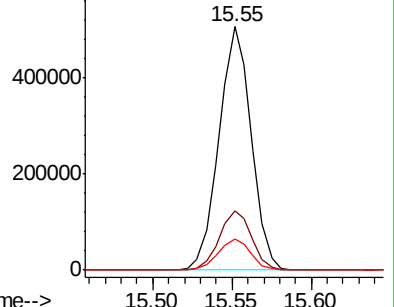


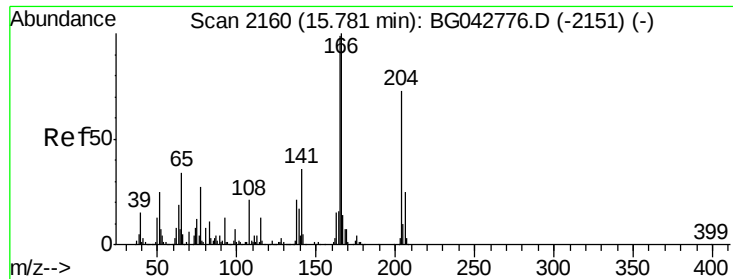
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->

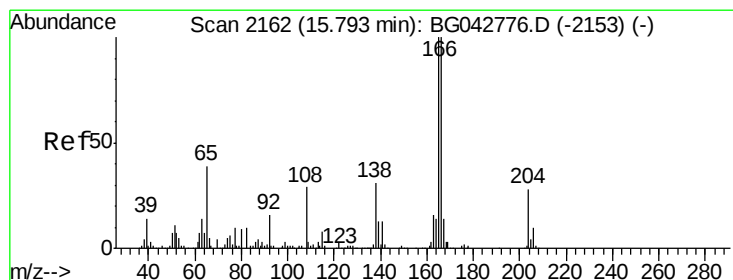
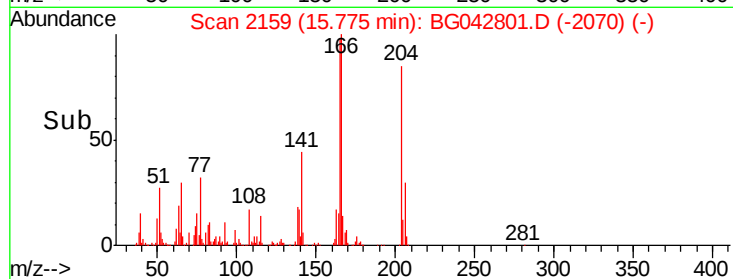
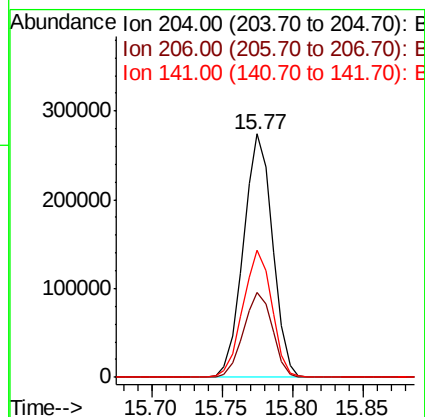
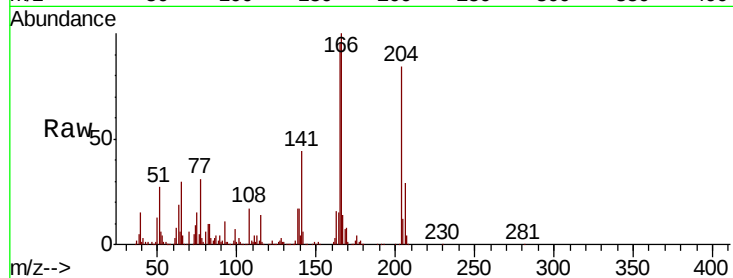




#61
 4-Chlorophenyl-phenylether
 Concen: 39.026 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

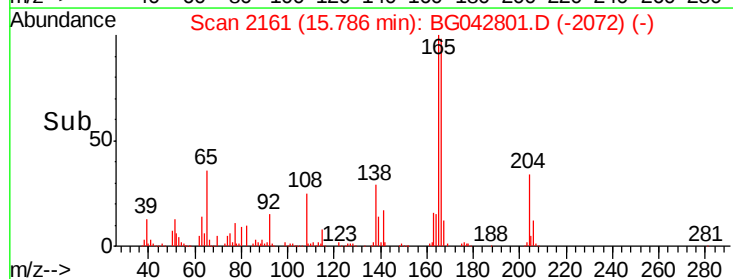
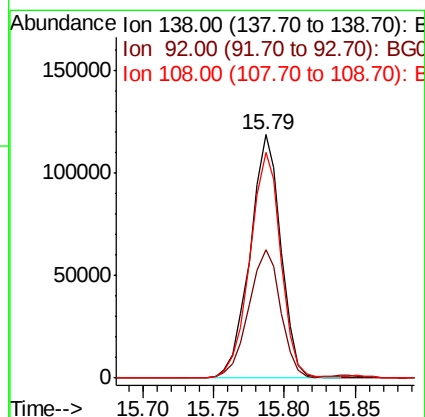
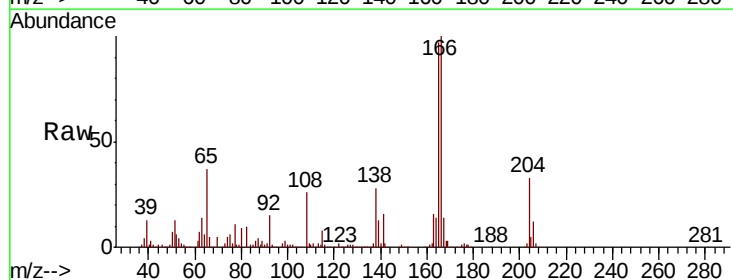
Instrument :
 BNA_G
 ClientSampleId :

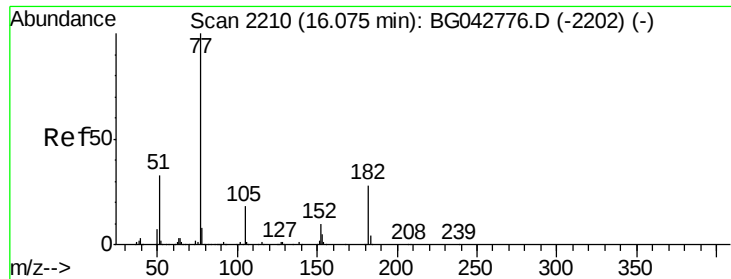
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.6	41.4
141	52.2	39.8	59.6



#62
 4-Nitroaniline
 Concen: 40.586 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	31.4	71.4
108	92.8	74.8	114.8

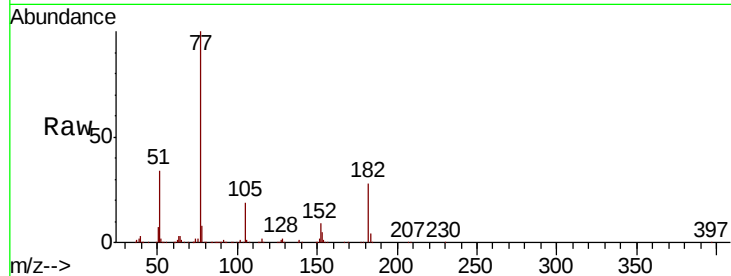




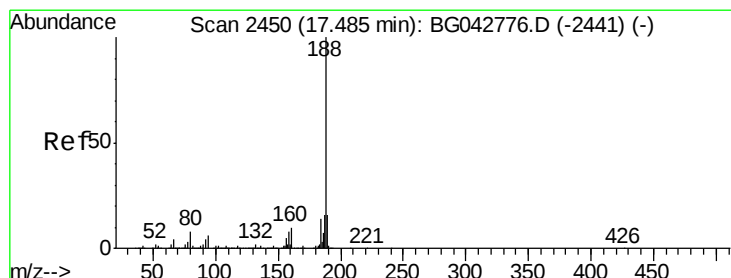
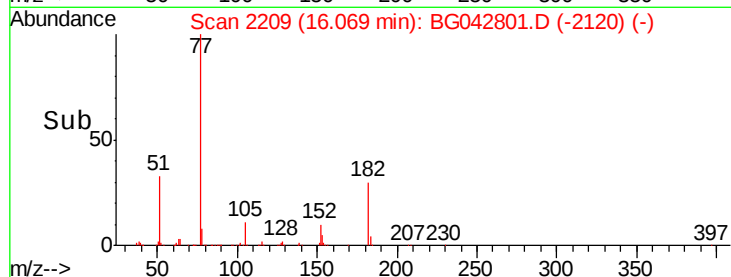
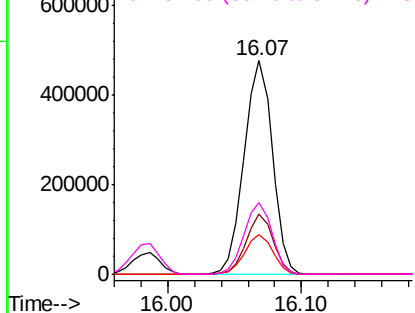
#63
Azobenzene
Concen: 39.382 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	695440
Ion	Ratio	Lower	Upper
77	100		
182	28.2	8.1	48.1
105	18.7	0.0	38.1
51	33.7	12.9	52.9

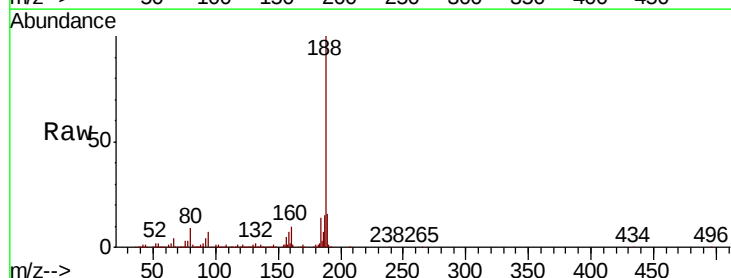


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

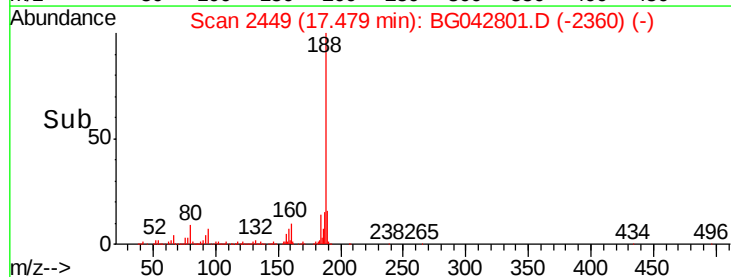
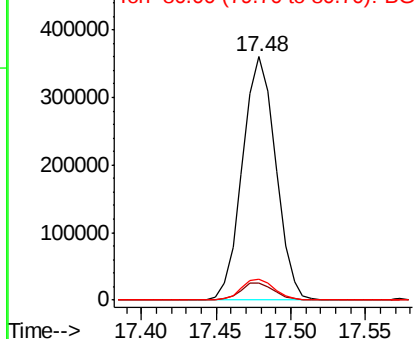


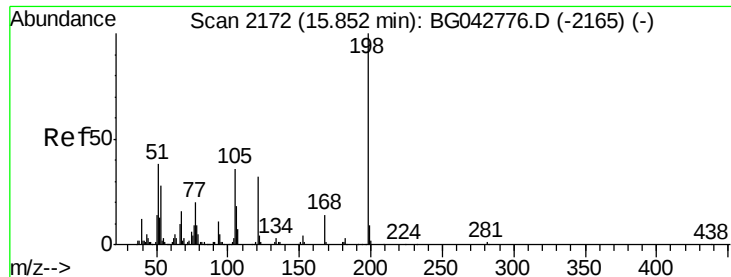
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion:	188	Resp:	556010
Ion	Ratio	Lower	Upper
188	100		
94	7.1	4.8	7.2
80	8.6	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: 39.752 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

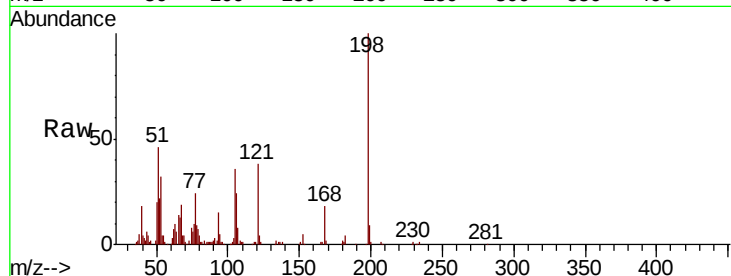
Tot Ion:198 Resp: 94574

Ion Ratio Lower Upper

198 100

51 45.7 20.9 60.9

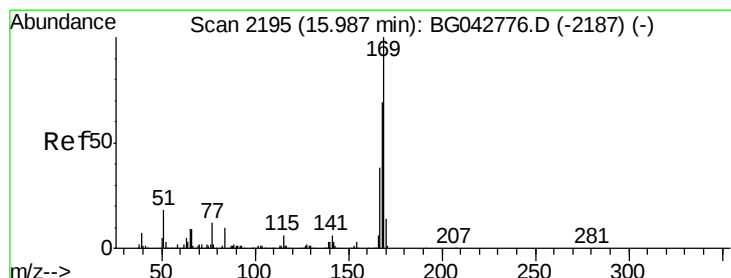
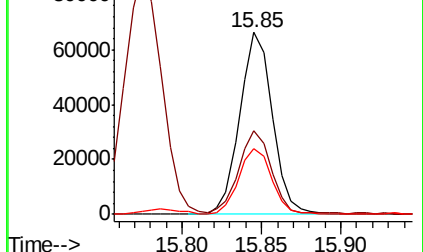
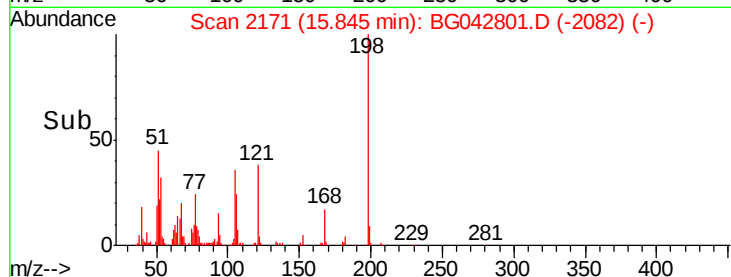
105 36.2 16.4 56.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.941 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

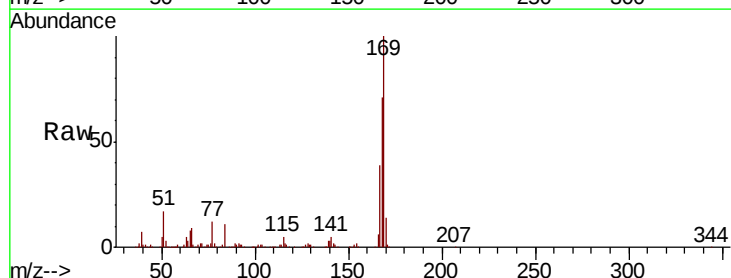
Tgt Ion:169 Resp: 597582

Ion Ratio Lower Upper

169 100

168 71.2 55.4 83.2

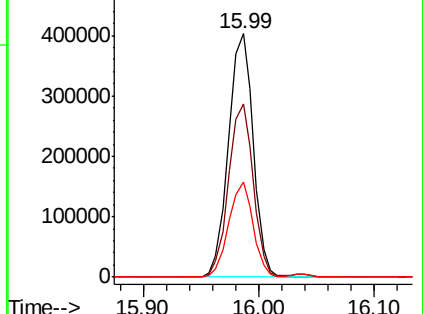
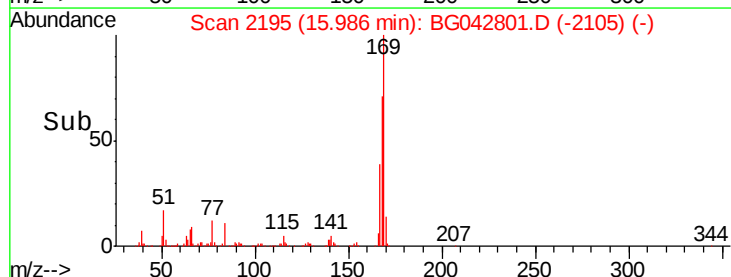
167 39.2 30.4 45.6

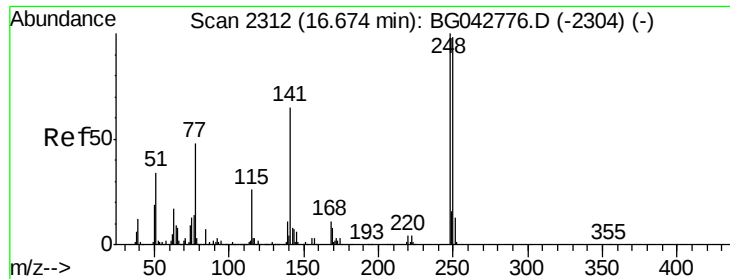


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

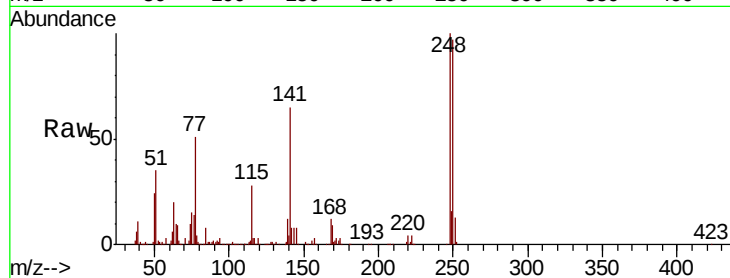




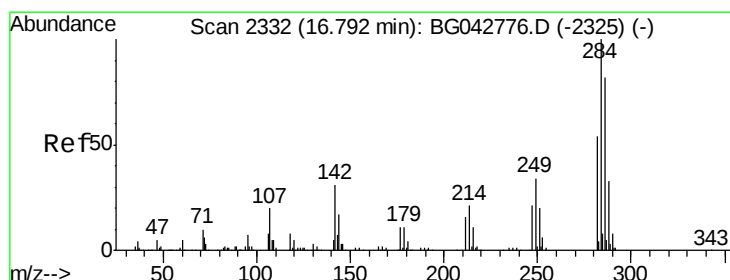
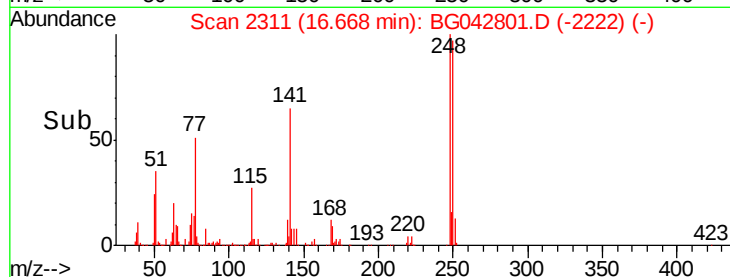
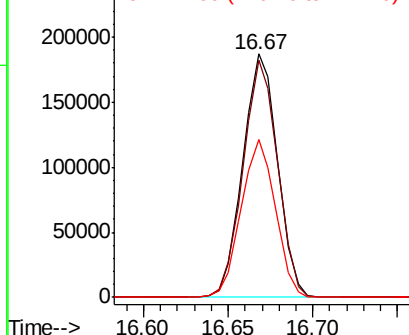
#67
4-Bromophenyl-phenylether
Concen: 39.843 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 268131
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 64.7 51.8 77.6

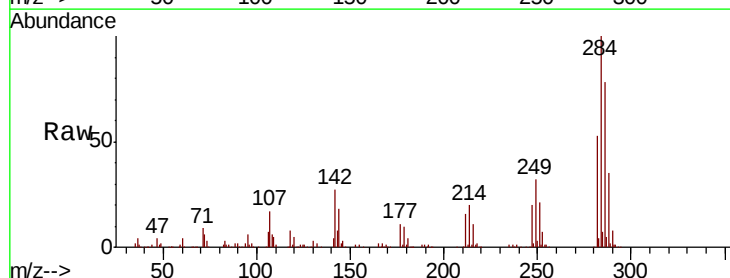


Abundance Ion 248.00 (247.70 to 248.70): E
250000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

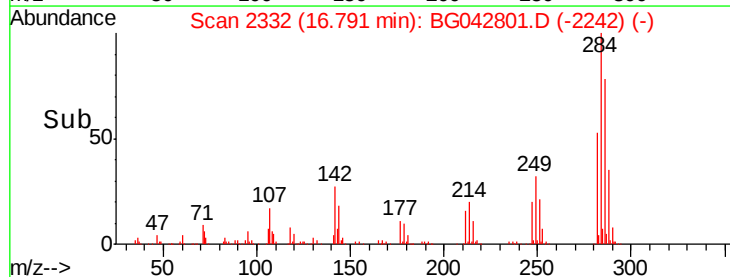
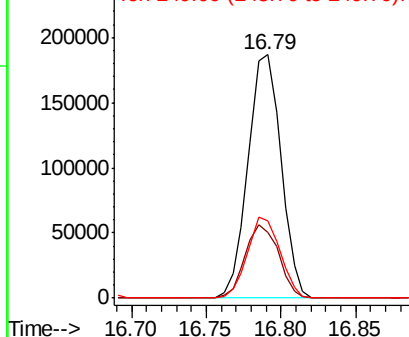


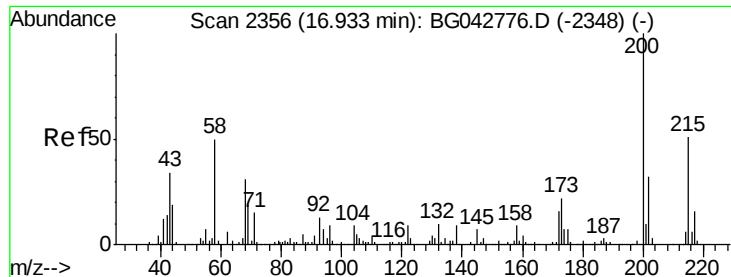
#68
Hexachlorobenzene
Concen: 39.708 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion:284 Resp: 285542
Ion Ratio Lower Upper
284 100
142 27.2 24.7 37.1
249 31.7 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
250000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 34.817 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

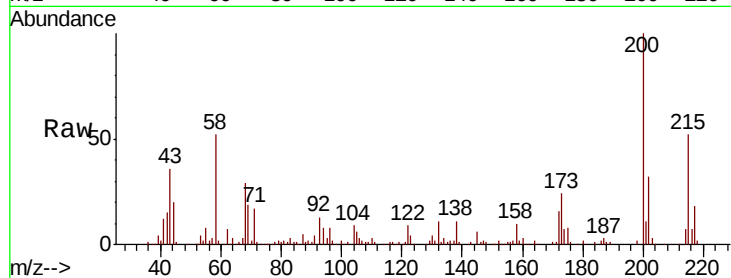
Tot Ion:200 Resp: 181401

Ion Ratio Lower Upper

200 100

173 24.1 2.5 42.5

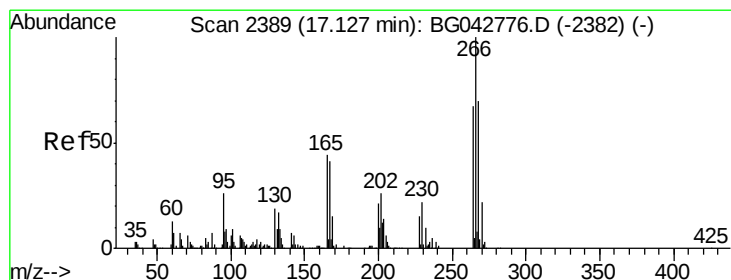
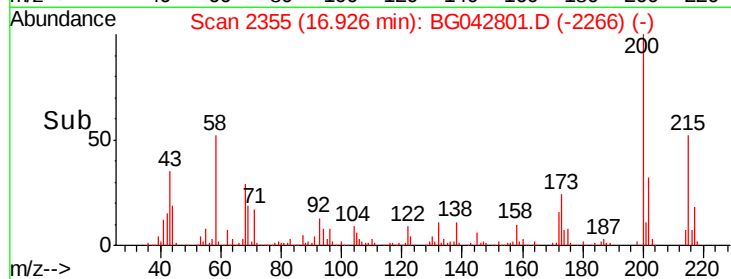
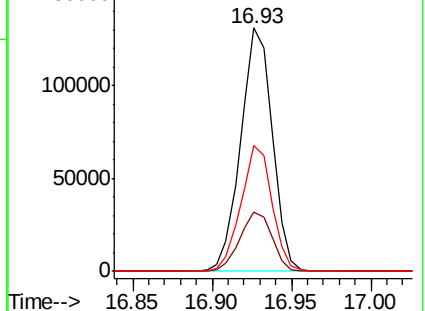
215 51.8 31.0 71.0



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: 40.256 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

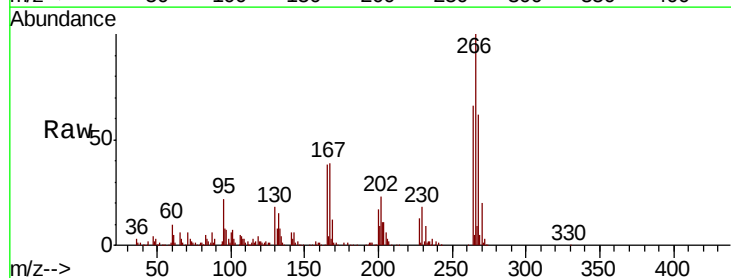
Tgt Ion:266 Resp: 171728

Ion Ratio Lower Upper

266 100

268 61.9 56.2 84.4

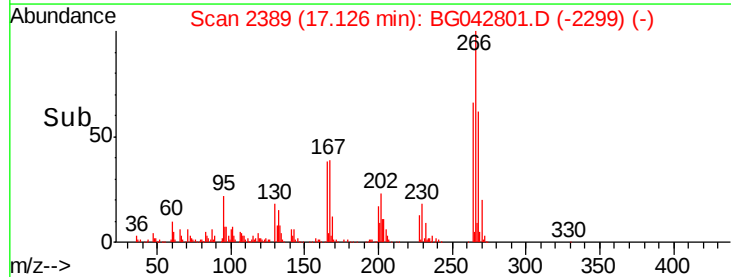
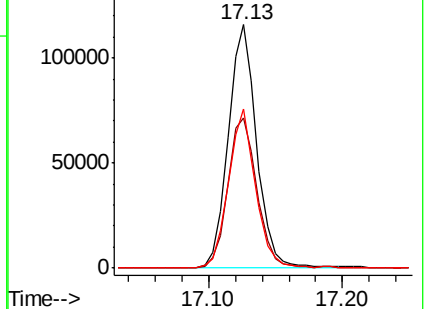
264 65.5 53.4 80.2

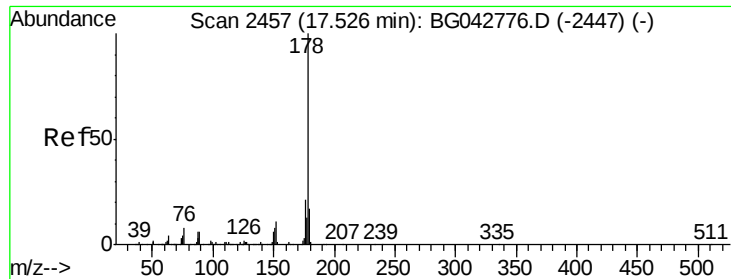


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.150 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

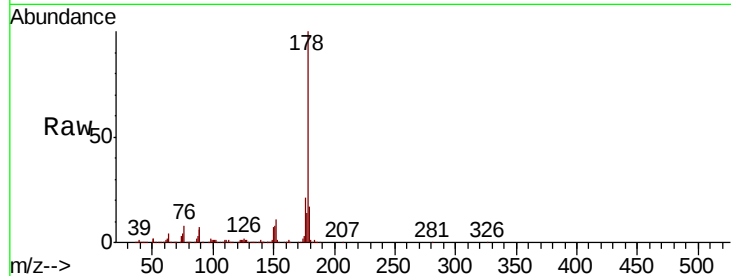
Tot Ion:178 Resp: 1067599

Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.0	25.4
179	17.4	13.6	20.4

178 100

176 21.2 17.0 25.4

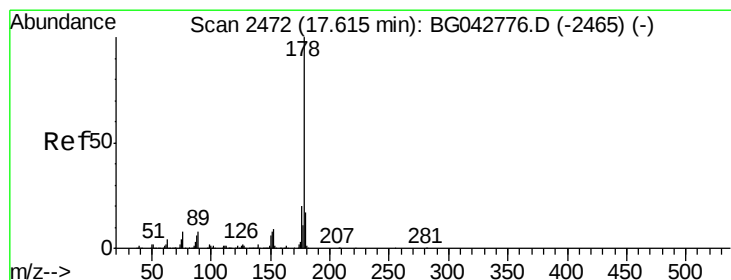
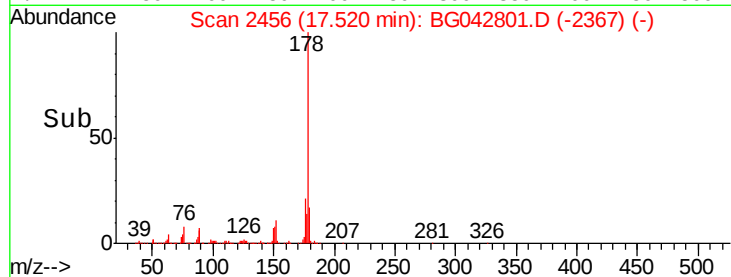
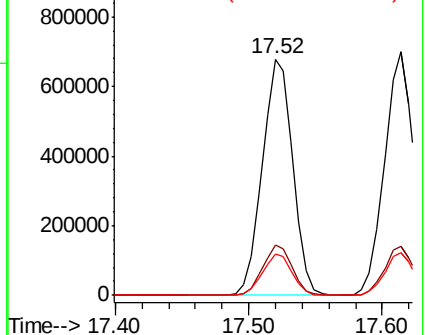
179 17.4 13.6 20.4



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: 40.128 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

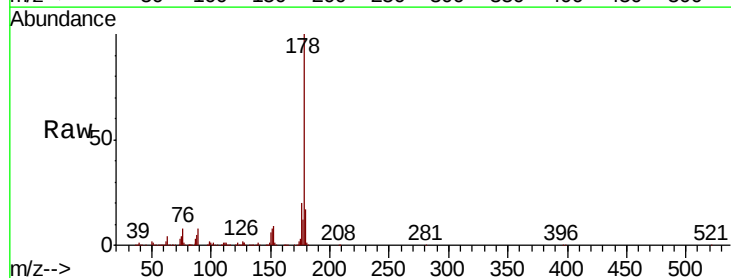
Tgt Ion:178 Resp: 1066011

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	17.3	13.6	20.4

178 100

176 20.1 16.2 24.4

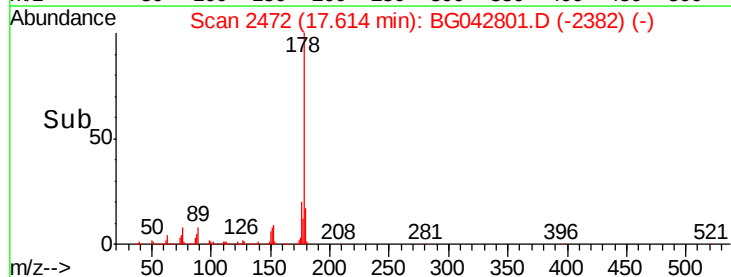
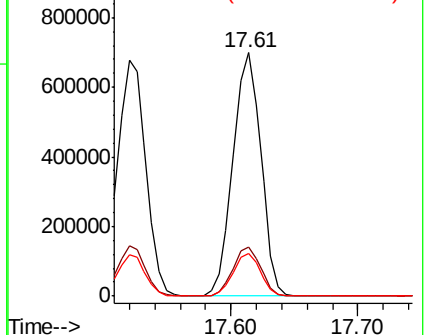
179 17.3 13.6 20.4

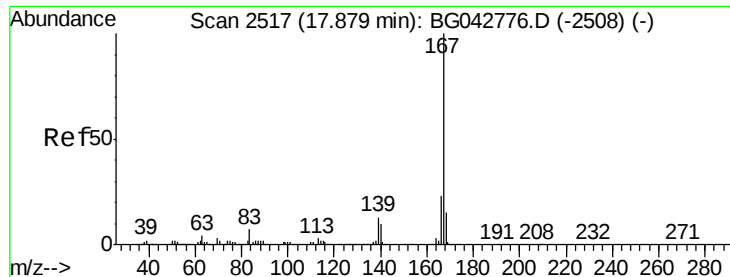


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



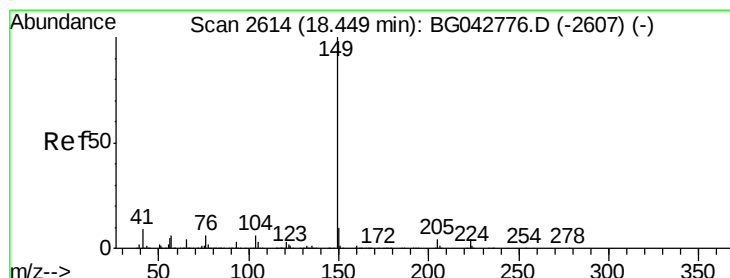
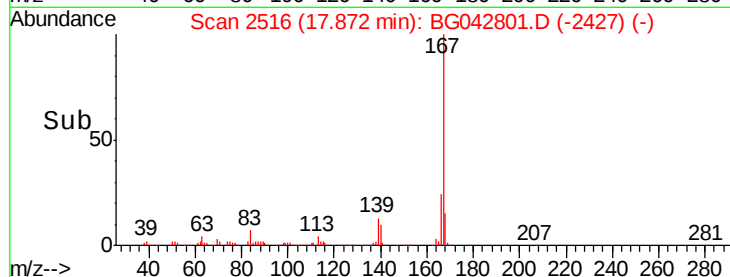
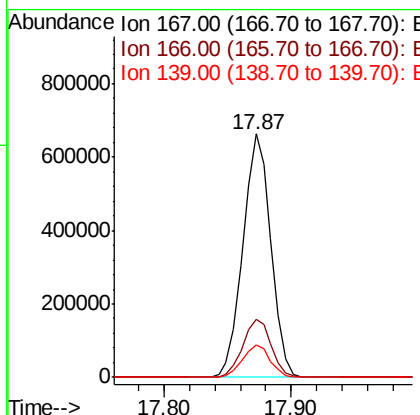
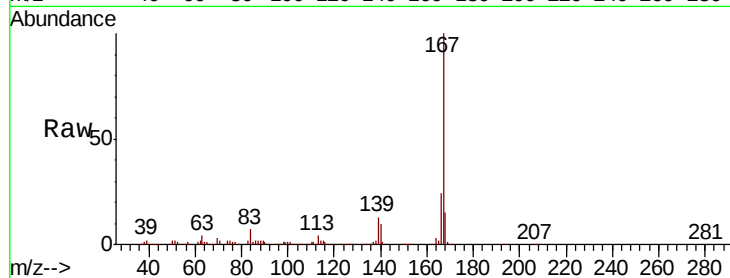


#73
 Carbazole
 Concen: 39.921 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1007967

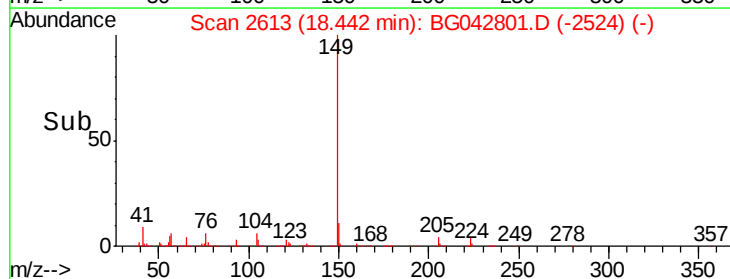
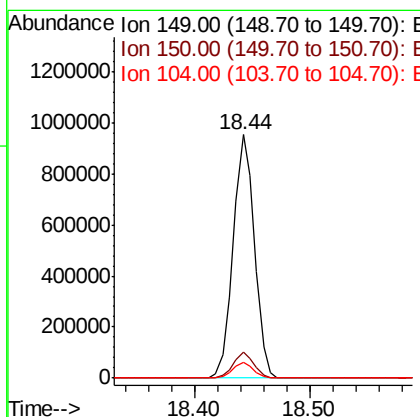
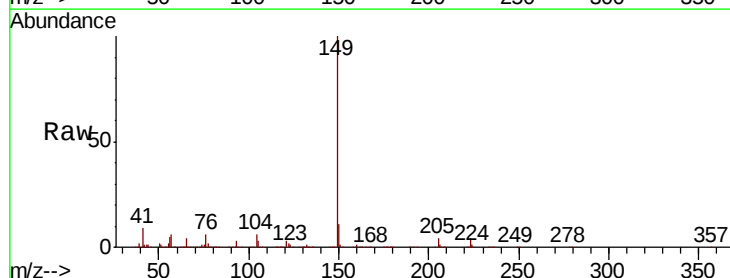
Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.3	27.5
139	13.1	10.2	15.4

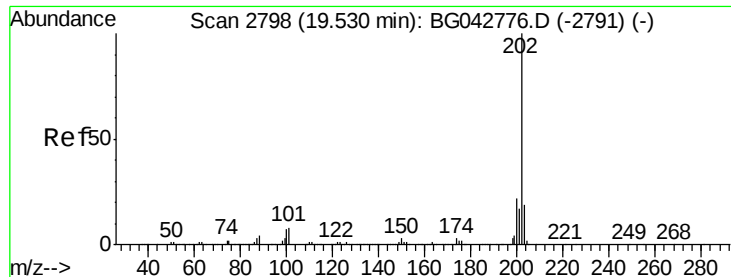


#74
 Di-n-butylphthalate
 Concen: 40.178 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Tgt Ion:149 Resp: 1215240

Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.0	12.0
104	6.4	5.1	7.7





#75

Fluoranthene

Concen: 39.887 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

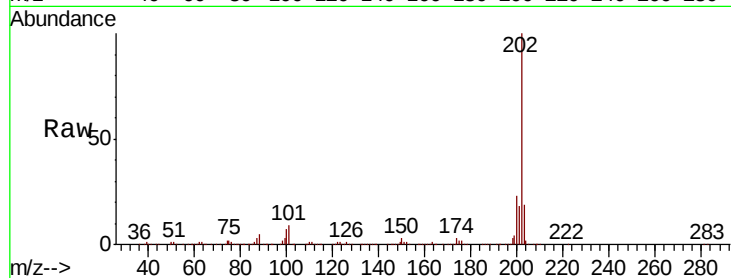
Tot Ion:202 Resp: 1374594

Ion Ratio Lower Upper

202 100

101 8.6 0.0 27.8

203 19.2 0.0 39.1

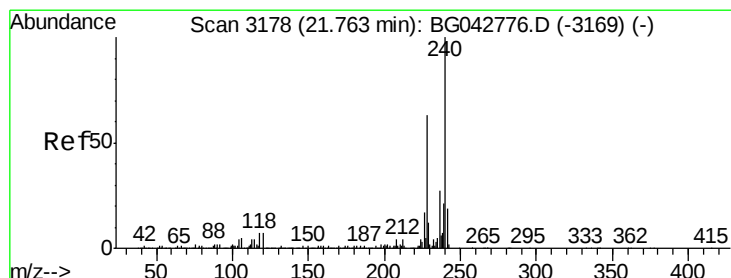
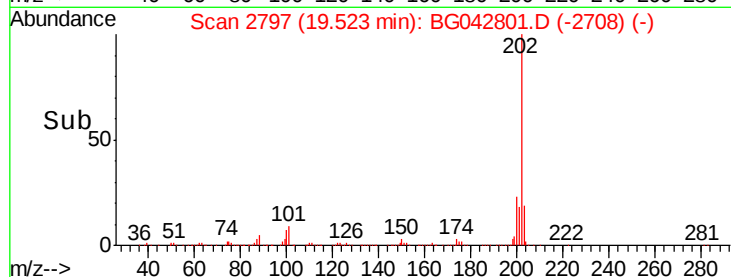
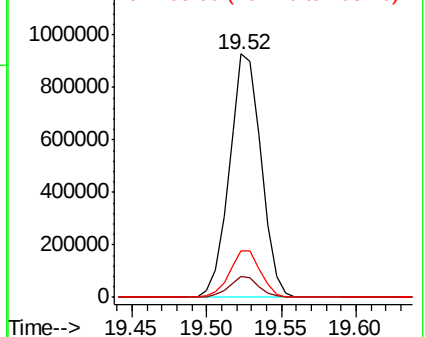


Abundance

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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

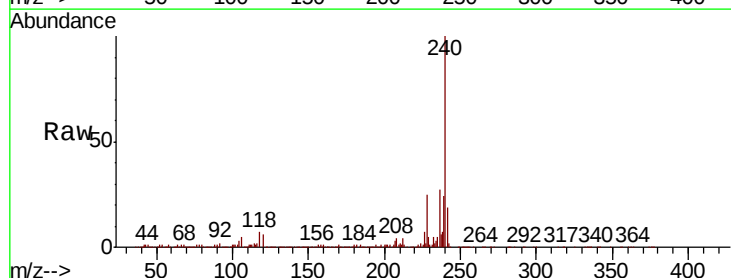
Tgt Ion:240 Resp: 536108

Ion Ratio Lower Upper

240 100

120 5.6 5.4 8.2

236 26.7 21.7 32.5

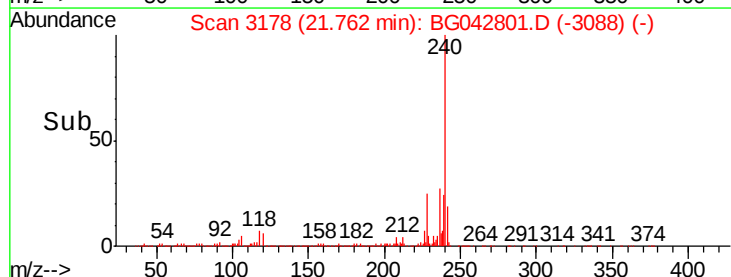
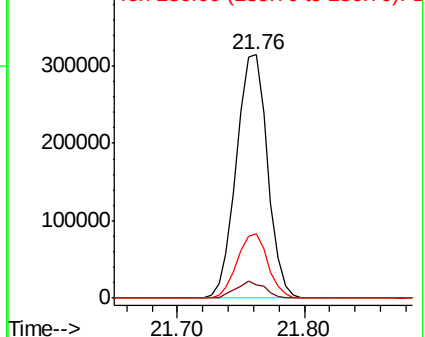


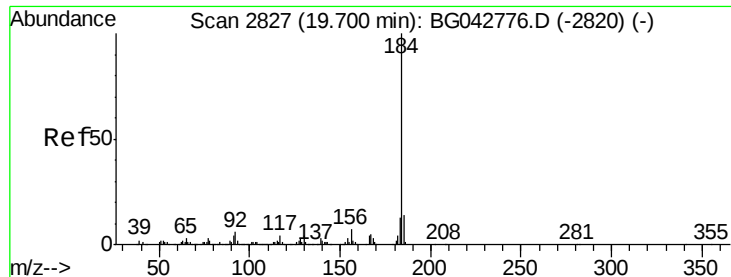
Abundance

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: 34.597 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

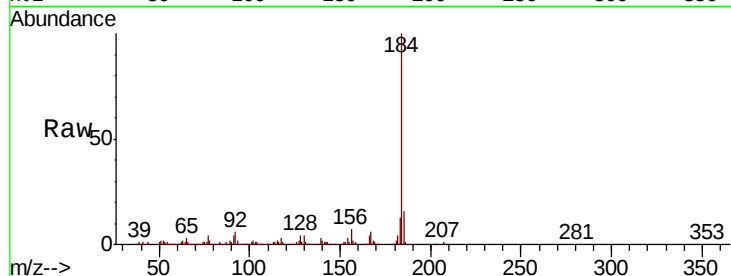
Tot Ion:184 Resp: 518204

Ion Ratio Lower Upper

184 100

185 15.8 11.6 17.4

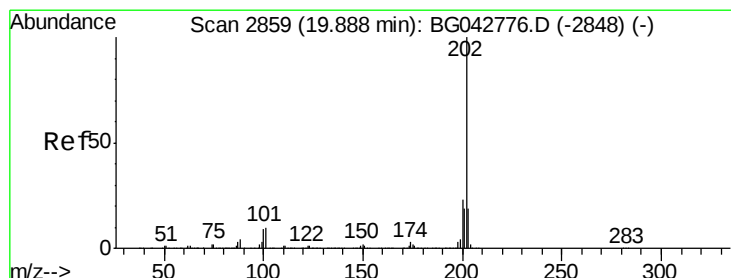
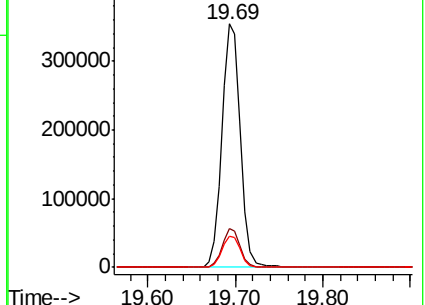
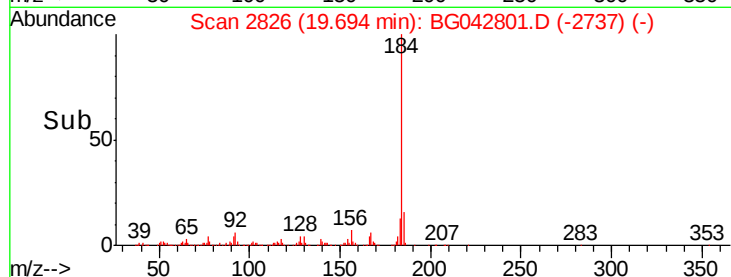
183 12.7 10.4 15.6



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: 41.044 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

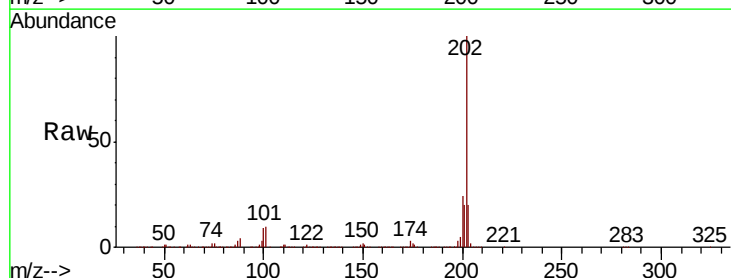
Tgt Ion:202 Resp: 1377597

Ion Ratio Lower Upper

202 100

200 23.6 18.5 27.7

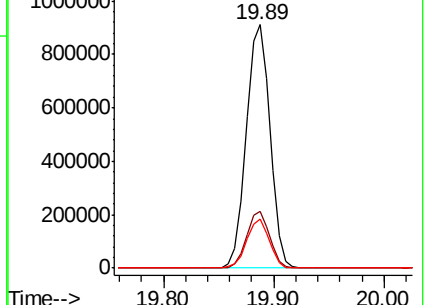
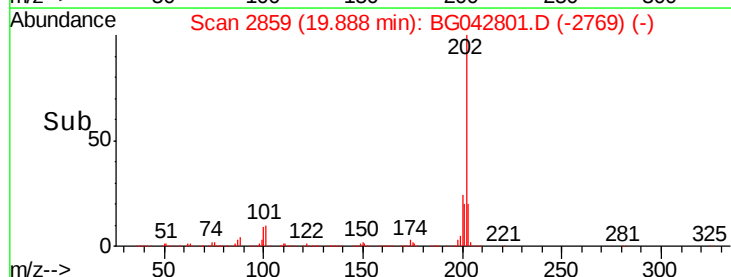
203 20.3 15.3 22.9

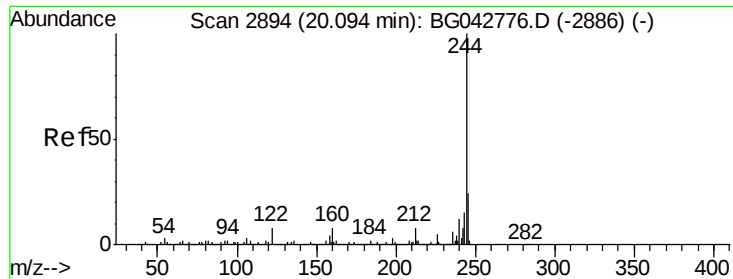


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

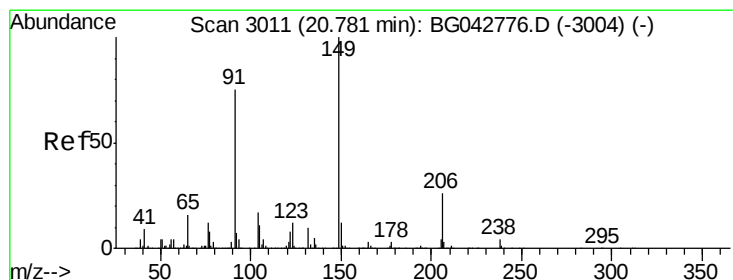
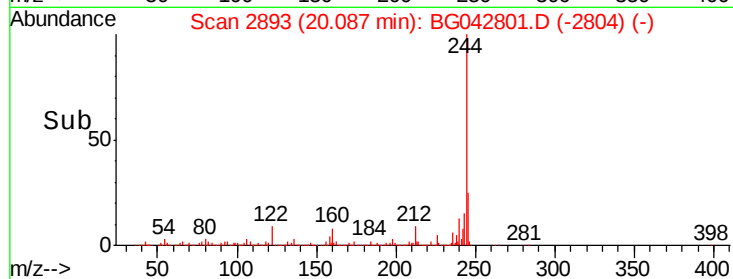
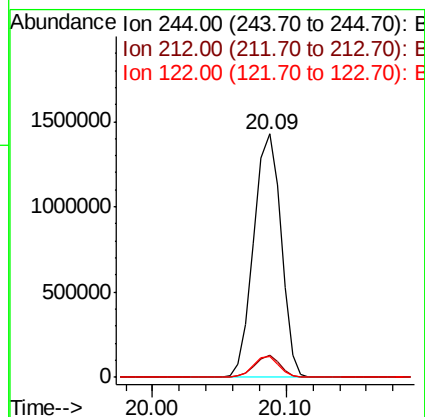
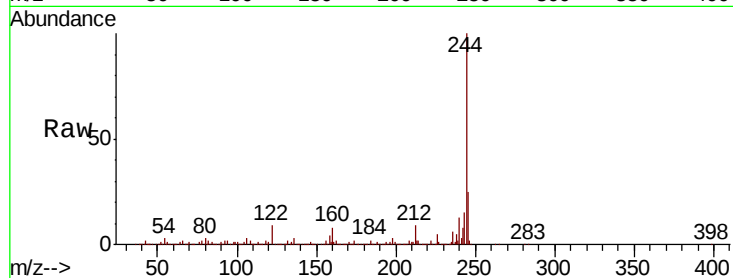




#79
 Terphenyl-d14
 Concen: 83.304 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

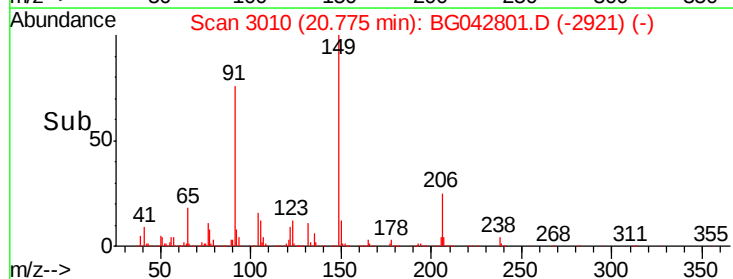
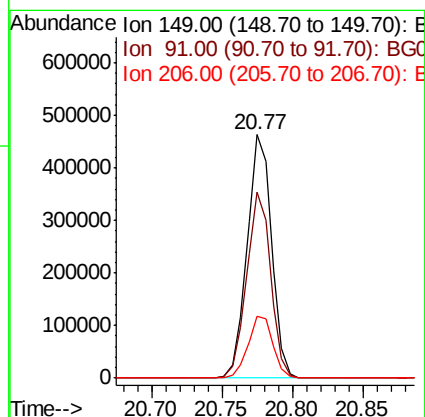
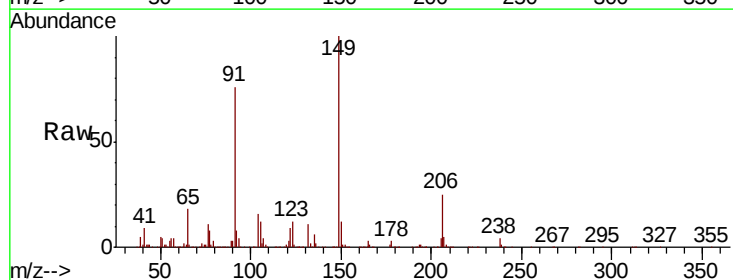
Instrument :
 BNA_G
 ClientSampleId :

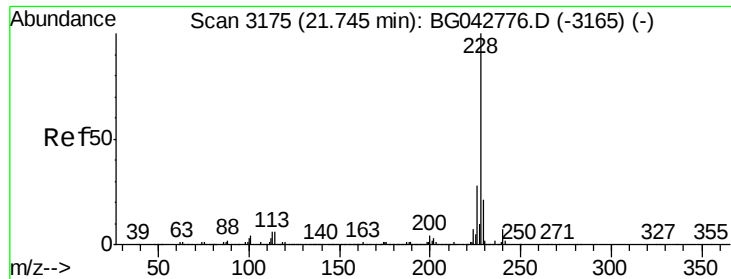
Tot Ion:244 Resp: 2015076
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 8.8 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 41.201 ng
 RT: 20.77 min Scan# 3010
 Delta R.T. -0.01 min
 Lab File: BG042801.D
 Acq: 13 Sep 2019 4:31

Tgt Ion:149 Resp: 559664
 Ion Ratio Lower Upper
 149 100
 91 76.2 60.2 90.2
 206 25.2 20.6 30.8

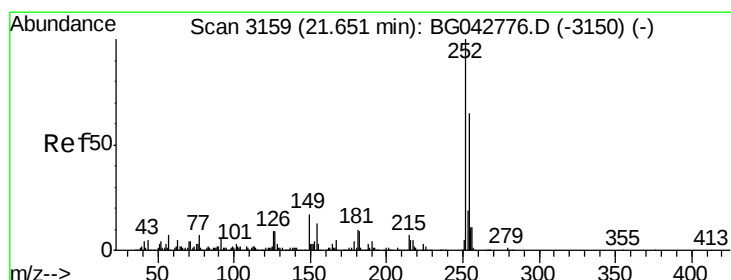
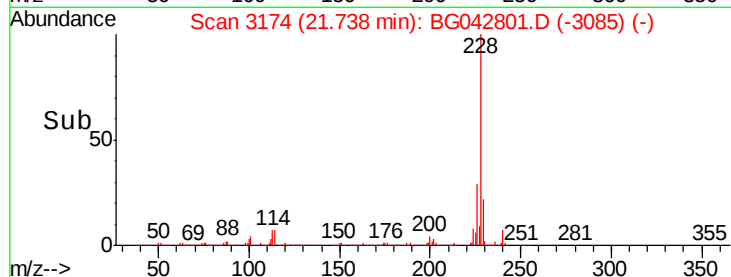
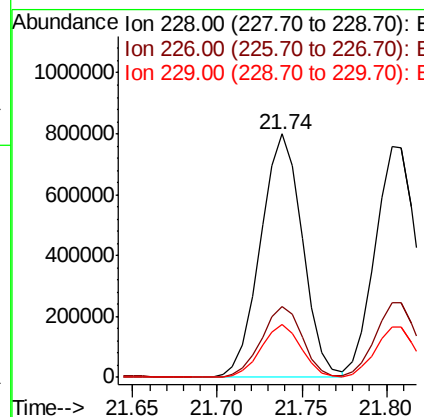
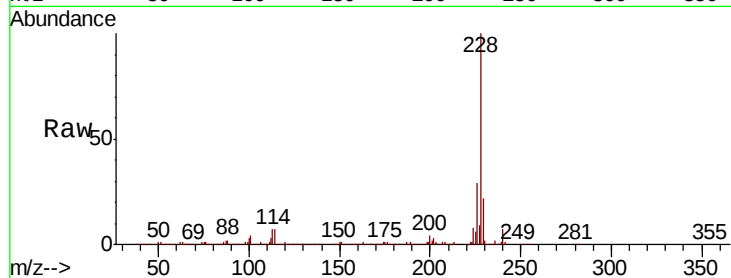




#81
Benzo(a)anthracene
Concen: 40.497 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

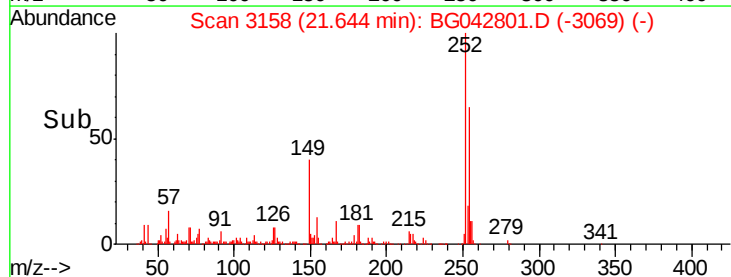
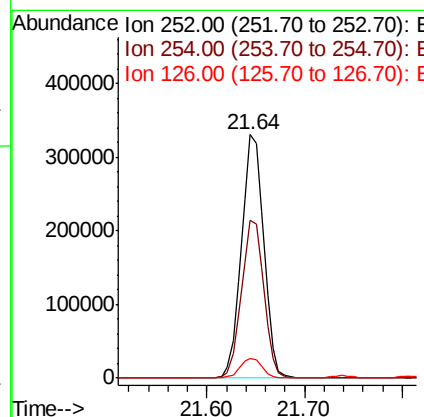
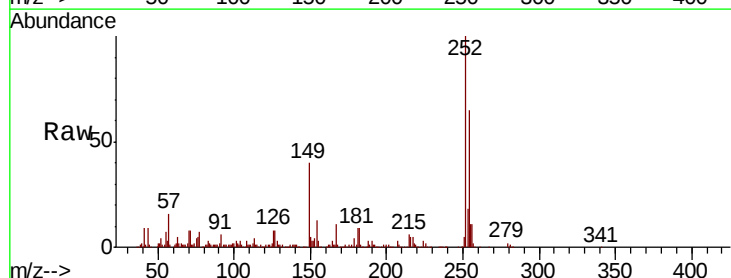
Instrument :
BNA_G
ClientSampleId :

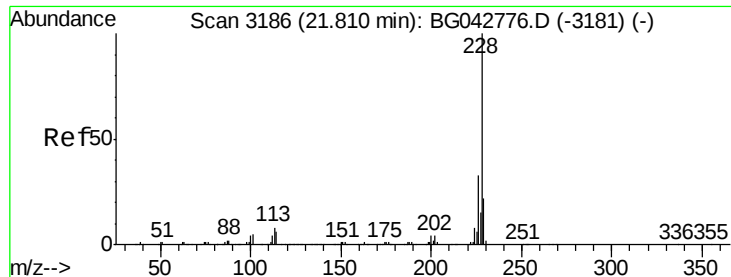
Tot Ion:228 Resp: 1380400
Ion Ratio Lower Upper
228 100
226 29.3 22.5 33.7
229 21.6 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 39.753 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion:252 Resp: 526598
Ion Ratio Lower Upper
252 100
254 64.7 52.2 78.2
126 7.8 7.0 10.4





#83

Chrysene

Concen: 39.966 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

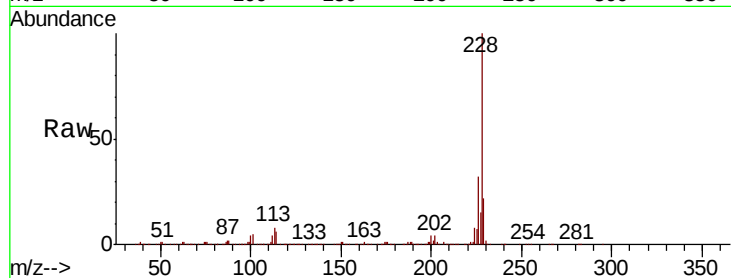
Tot Ion:228 Resp: 1290412

Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.0	39.0
229	21.9	17.1	25.7

228 100

226 32.1 26.0 39.0

229 21.9 17.1 25.7

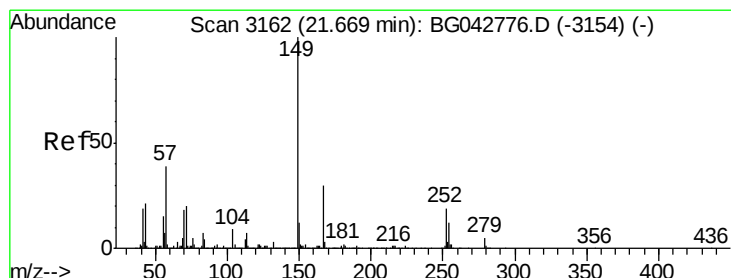
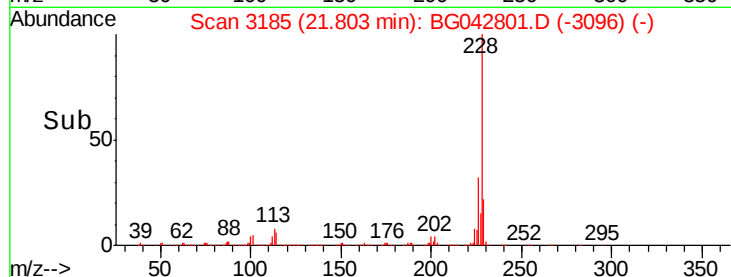
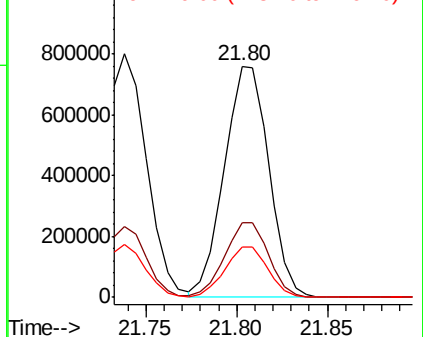


Abundance

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: 40.230 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

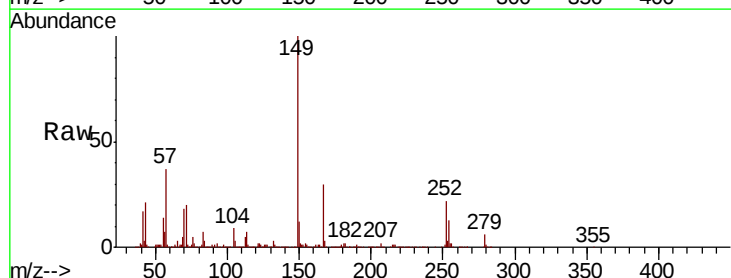
Tgt Ion:149 Resp: 746686

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.3	36.5
279	6.0	4.2	6.4

149 100

167 30.4 24.3 36.5

279 6.0 4.2 6.4

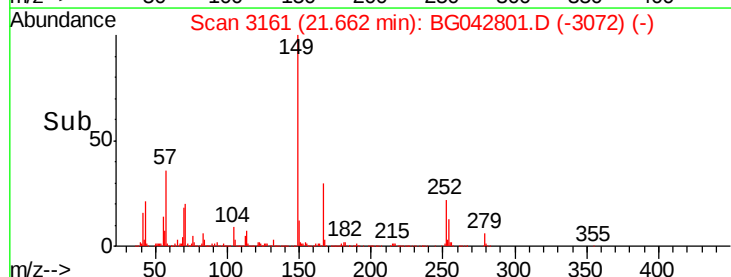
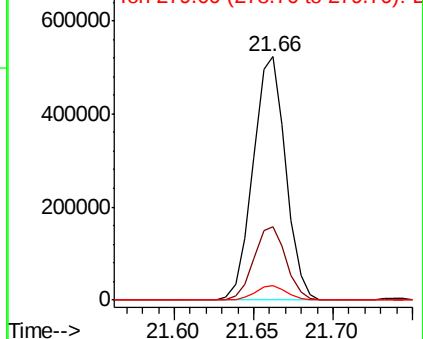


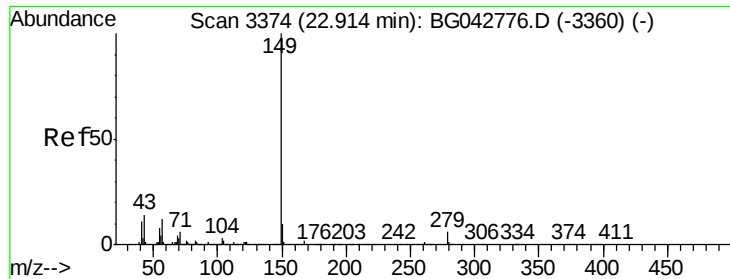
Abundance

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: 40.559 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

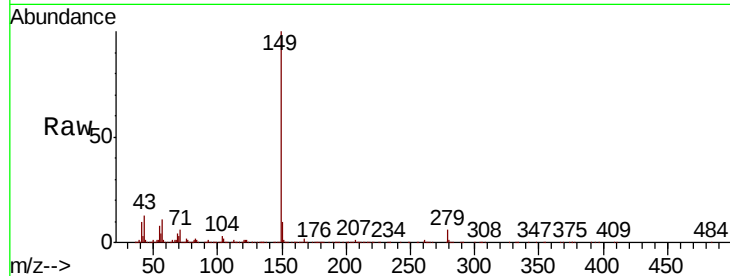
Tot Ion:149 Resp: 1283329

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

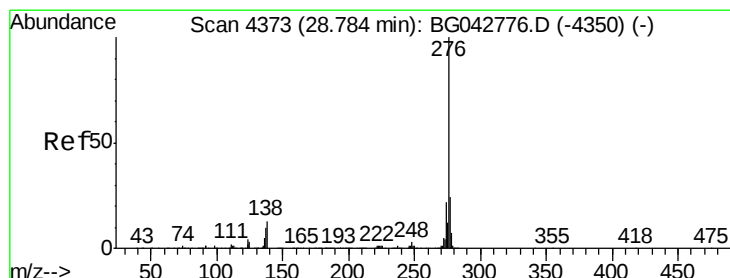
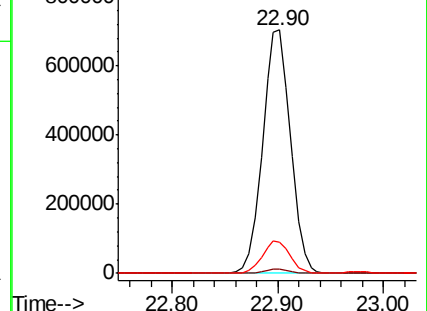
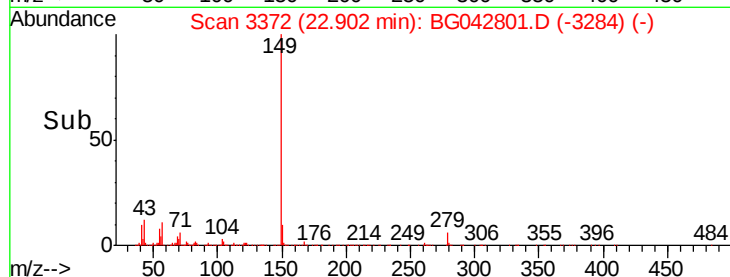
43 13.1 10.6 15.8



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: 39.850 ng

RT: 28.77 min Scan# 4370

Delta R.T. -0.02 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

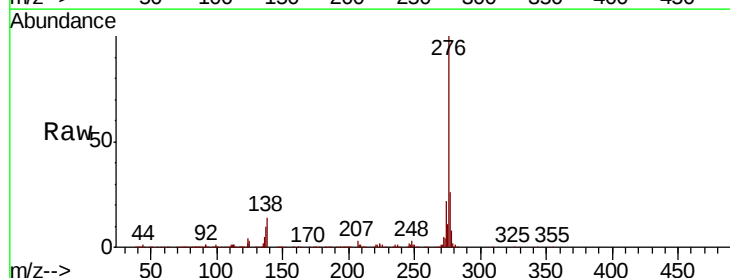
Tgt Ion:276 Resp: 1593366

Ion Ratio Lower Upper

276 100

138 10.1 9.3 13.9

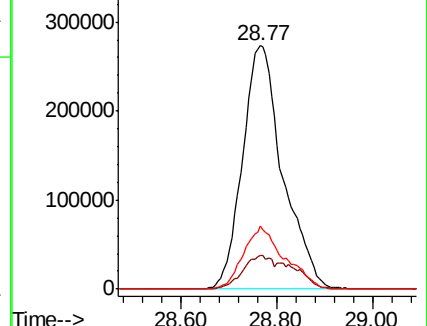
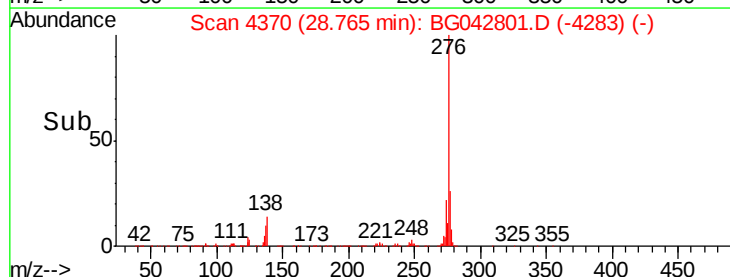
277 26.4 17.2 25.8#

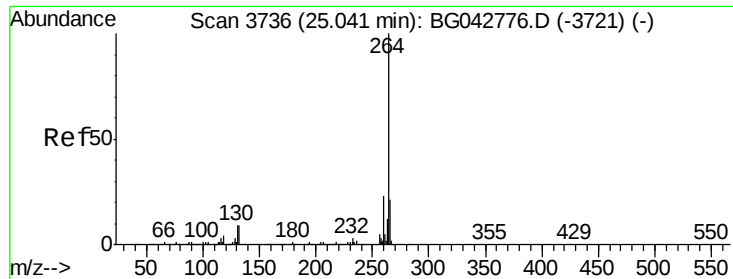


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

Instrument :

BNA_G

ClientSampleId :

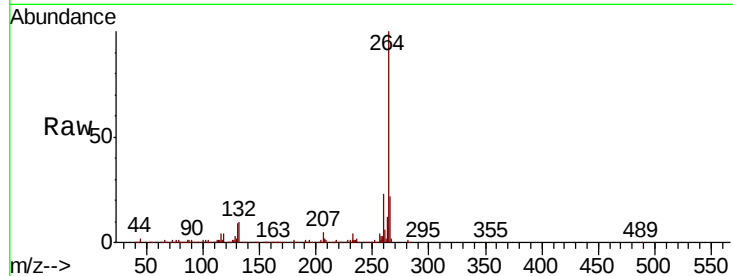
Tot Ion:264 Resp: 596773

Ion Ratio Lower Upper

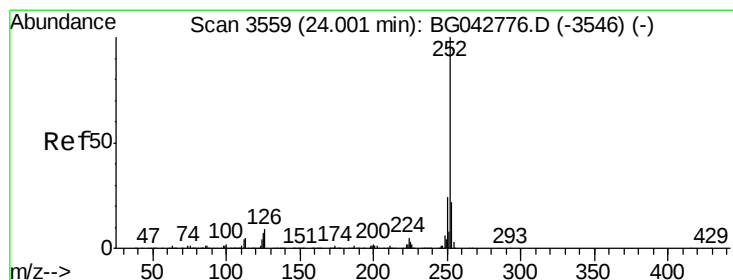
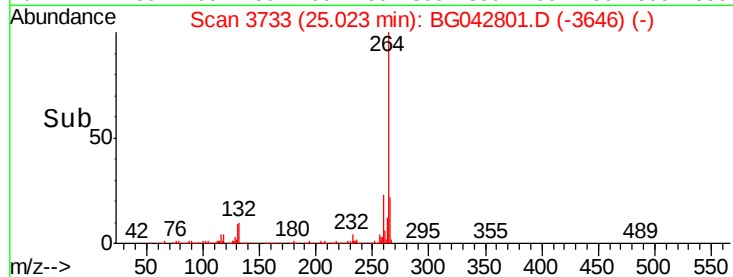
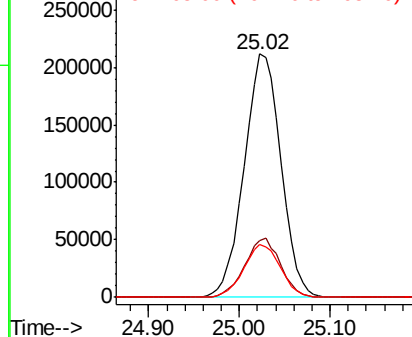
264 100

260 23.3 18.2 27.2

265 21.9 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: 39.582 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG042801.D

Acq: 13 Sep 2019 4:31

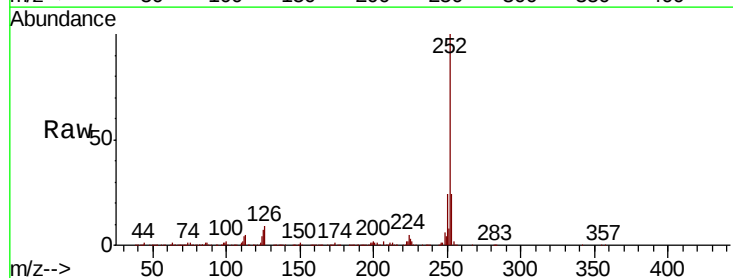
Tgt Ion:252 Resp: 1386988

Ion Ratio Lower Upper

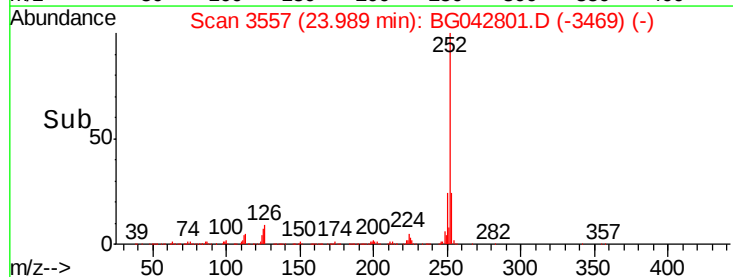
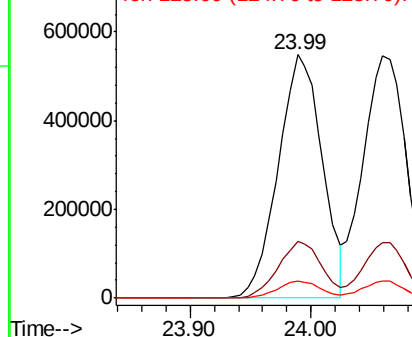
252 100

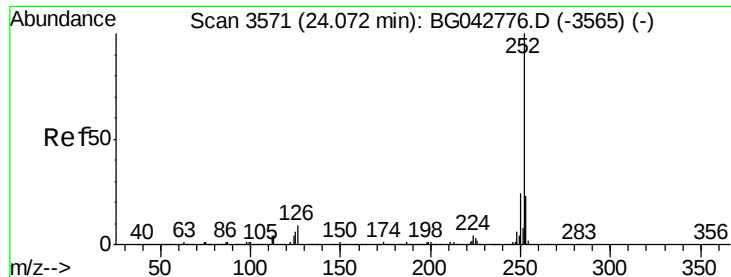
253 23.5 17.9 26.9

125 6.8 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

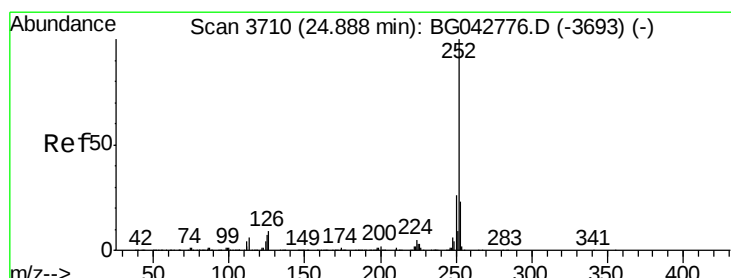
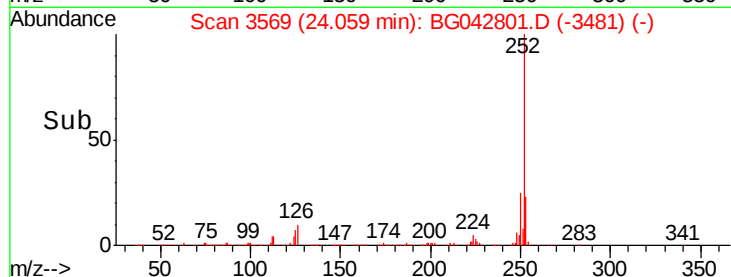
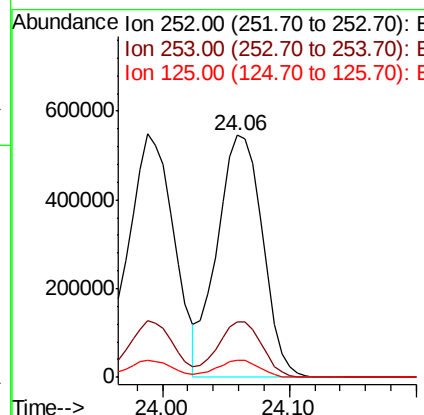
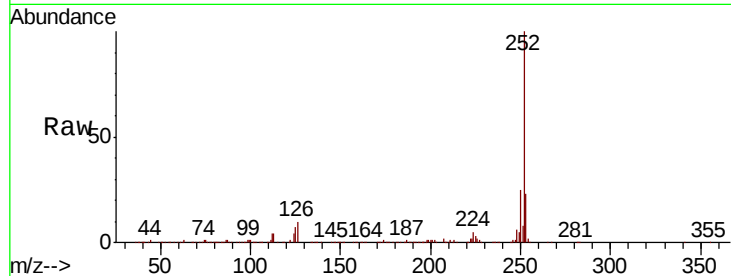




#89
Benzo(k)fluoranthene
Concen: 40.892 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

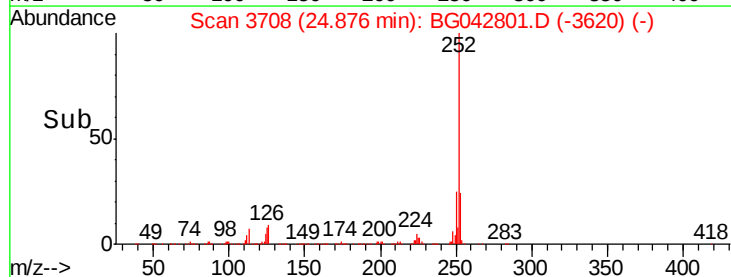
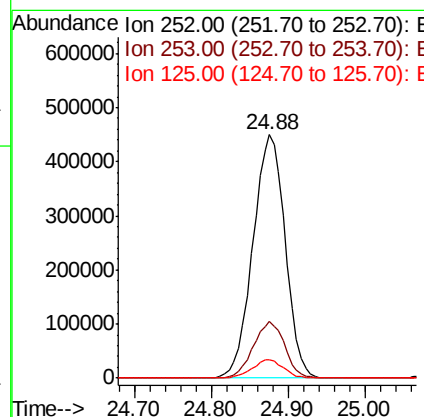
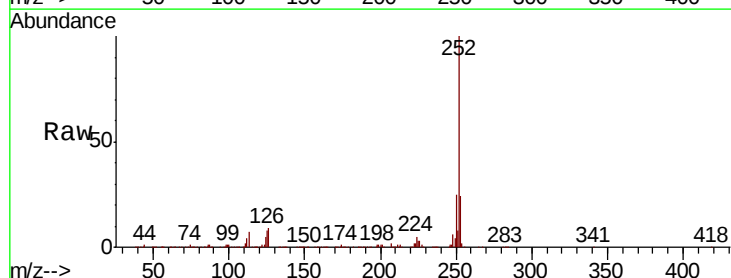
Instrument :
BNA_G
ClientSampleId :

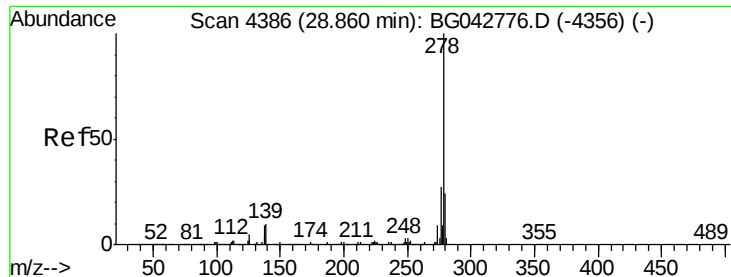
Tot Ion:252 Resp: 1353557
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 7.3 5.3 7.9



#90
Benzo(a)pyrene
Concen: 40.147 ng
RT: 24.88 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion:252 Resp: 1317278
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 7.6 5.7 8.5



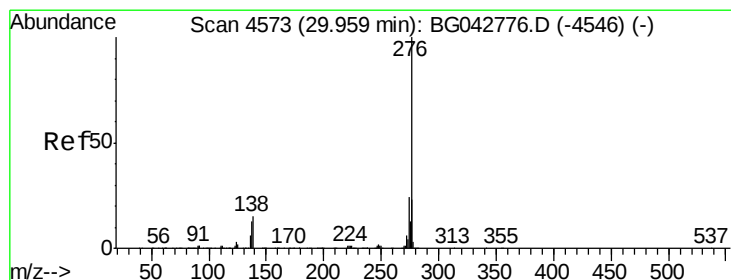
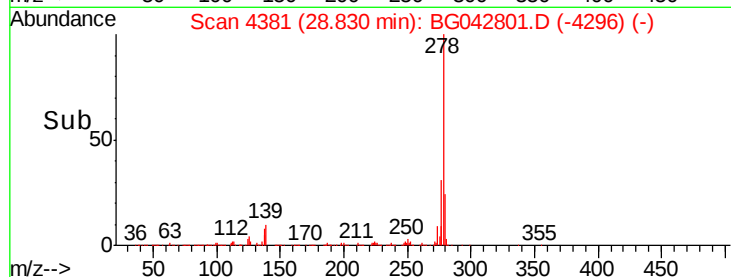
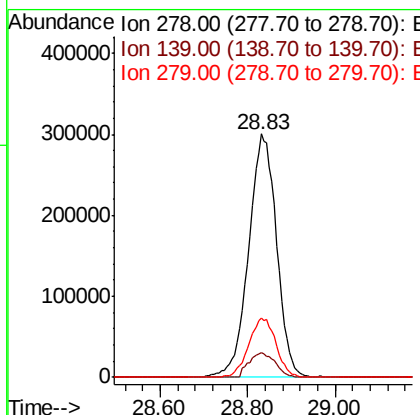
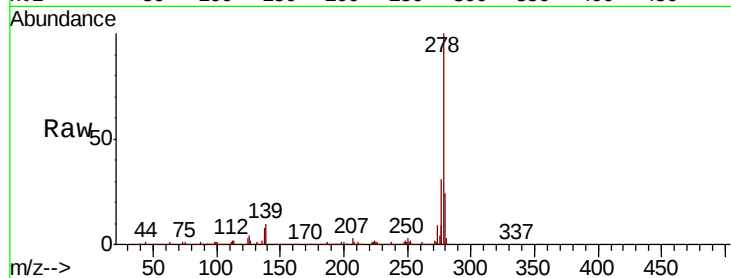


#91
Dibenzo(a,h)anthracene
Concen: 40.161 ng
RT: 28.83 min Scan# 4381
Delta R.T. -0.03 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1296061

Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.2	12.2
279	24.2	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 40.258 ng
RT: 29.93 min Scan# 4569
Delta R.T. -0.02 min
Lab File: BG042801.D
Acq: 13 Sep 2019 4:31

Tgt Ion:276 Resp: 1267208

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.4	27.6
138	14.3	11.8	17.8

