

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
 Data File : BG041114.D
 Acq On : 8 Jun 2019 1:35
 Operator : HP/JU
 Sample : PB120393BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BSD

Quant Time: Jun 08 07:03:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	39332	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	162154	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	125570	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	310283	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	306085	20.00	ng	-0.03
87) Perylene-d12	25.09	264	321726	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	309060	141.69	ng	-0.01
7) Phenol-d6	7.25	99	441488	131.06	ng	-0.01
23) Nitrobenzene-d5	9.29	82	299458	81.98	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	239829	128.65	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	726254	83.29	ng	-0.03
79) Terphenyl-d14	20.08	244	1268384	87.95	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	40130	40.544	ng	# 91
3) Pyridine	3.90	79	106986	36.529	ng	95
4) n-Nitrosodimethylamine	3.83	42	58347	42.925	ng	91
6) Aniline	7.43	93	136566	30.372	ng	98
8) 2-Chlorophenol	7.66	128	127337	48.968	ng	95
9) Benzaldehyde	7.25	77	37712	18.767	ng	95
10) Phenol	7.28	94	175202	48.507	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	112360	42.882	ng	96
12) 1,3-Dichlorobenzene	7.99	146	125369	40.365	ng	95
13) 1,4-Dichlorobenzene	8.14	146	130383	41.473	ng	98
14) 1,2-Dichlorobenzene	8.46	146	130811	42.854	ng	98
15) Benzyl Alcohol	8.35	79	142279	45.659	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	173378	40.493	ng	98
17) 2-Methylphenol	8.54	107	125624	48.037	ng	98
18) Hexachloroethane	9.19	117	49598	40.933	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	110586	42.658	ng	99
20) 3+4-Methylphenols	8.87	107	168193	46.430	ng	99
22) Acetophenone	8.94	105	204531	44.965	ng	# 96
24) Nitrobenzene	9.33	77	170861	45.901	ng	98
25) Isophorone	9.84	82	317374	45.657	ng	99
26) 2-Nitrophenol	10.04	139	77485	50.494	ng	91
27) 2,4-Dimethylphenol	10.08	122	139298	54.963	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	167905	44.754	ng	98
29) 2,4-Dichlorophenol	10.57	162	156268	48.555	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	162341	44.341	ng	95
31) Naphthalene	10.98	128	399785	45.920	ng	99
32) Benzoic acid	10.23	122	87385	44.962	ng	95
33) 4-Chloroaniline	11.09	127	86696	21.462	ng	95
34) Hexachlorobutadiene	11.24	225	117294	41.870	ng	97
35) Caprolactam	11.88	113	28273	26.603	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	177465	48.282	ng	97
37) 2-Methylnaphthalene	12.57	142	310362	46.286	ng	98
38) 1-Methylnaphthalene	12.79	142	294627	46.628	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	226043	44.662	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	296837	106.111	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	149261	45.588	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	160988	46.623	ng	98
46) 1,1'-Biphenyl	13.58	154	424585	45.679	ng	99
47) 2-Chloronaphthalene	13.62	162	357776	44.837	ng	99
48) 2-Nitroaniline	13.83	65	126629	44.235	ng	98
49) Acenaphthylene	14.46	152	554912	46.205	ng	99
50) Dimethylphthalate	14.19	163	476587	44.836	ng	97
51) 2,6-Dinitrotoluene	14.32	165	105928	46.220	ng	98
52) Acenaphthene	14.80	154	323661	44.487	ng	97
53) 3-Nitroaniline	14.65	138	70164	30.616	ng	99
54) 2,4-Dinitrophenol	14.86	184	141070	104.524	ng	96
55) Dibenzofuran	15.14	168	561834	45.894	ng	98
56) 4-Nitrophenol	14.94	139	156767	99.729	ng	89
57) 2,4-Dinitrotoluene	15.10	165	148404	45.841	ng	# 99
58) Fluorene	15.78	166	442921	45.431	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	163859	48.287	ng	98
60) Diethylphthalate	15.54	149	478666	44.126	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	281812	44.472	ng	97
62) 4-Nitroaniline	15.81	138	101874	41.989	ng	97
63) Azobenzene	16.06	77	442592	44.890	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	92221	54.129	ng	97
66) n-Nitrosodiphenylamine	15.98	169	410118	47.019	ng	100
67) 4-Bromophenyl-phenylether	16.66	248	181402	43.321	ng	99
68) Hexachlorobenzene	16.78	284	188535	42.283	ng	99
69) Atrazine	16.92	200	170226	50.578	ng	98
70) Pentachlorophenol	17.12	266	231368	95.965	ng	97
71) Phenanthrene	17.52	178	750217	46.418	ng	99
72) Anthracene	17.62	178	764847	47.982	ng	99
73) Carbazole	17.89	167	659410	48.212	ng	99
74) Di-n-butylphthalate	18.42	149	771403	45.378	ng	99
75) Fluoranthene	19.53	202	958304	48.004	ng	99
77) Benzidine	19.71	184	381302	52.221	ng	97
78) Pyrene	19.89	202	959969	48.246	ng	99
80) Butylbenzylphthalate	20.76	149	356826	46.082	ng	97
81) Benzo(a)anthracene	21.74	228	923162	45.309	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	212377	29.635	ng	99
83) Chrysene	21.81	228	909104	46.626	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	502664	46.115	ng	98
85) Di-n-octyl phthalate	22.85	149	840751	46.312	ng	100
86) Indeno(1,2,3-cd)pyrene	28.92	276	1104691	46.251	ng	# 98
88) Benzo(b)fluoranthene	24.02	252	949639	48.665	ng	100
89) Benzo(k)fluoranthene	24.09	252	908888	47.068	ng	99
90) Benzo(a)pyrene	24.93	252	917745	49.295	ng	94
91) Dibenzo(a,h)anthracene	28.98	278	903598	48.573	ng	99
92) Benzo(g,h,i)perylene	30.11	276	910314	50.368	ng	97

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

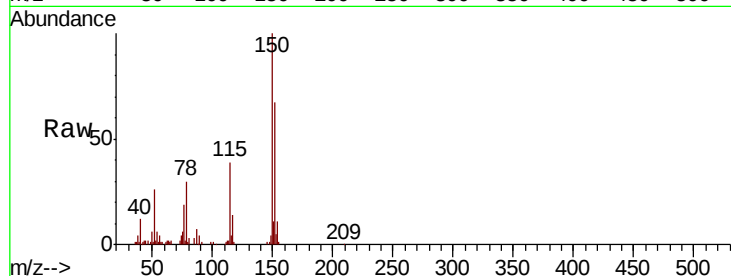


#1

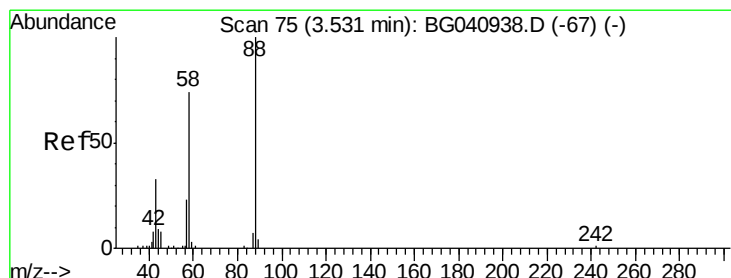
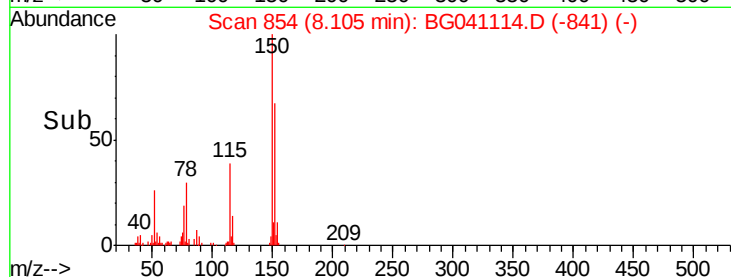
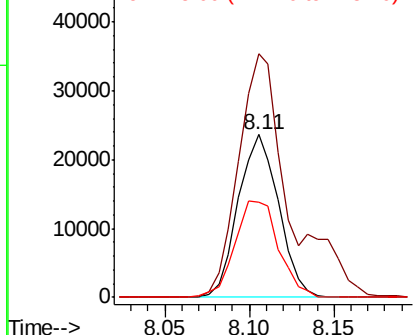
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion:152 Resp: 39332
Ion Ratio Lower Upper
152 100
150 149.6 120.6 180.8
115 58.5 45.1 67.7



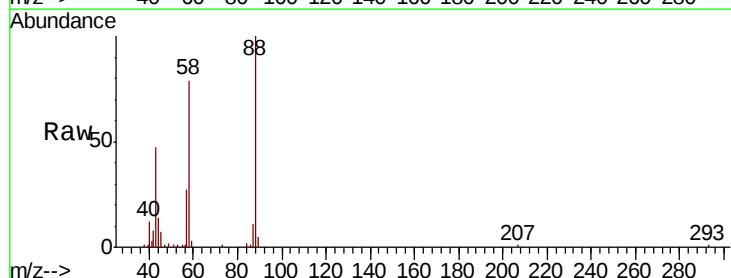
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



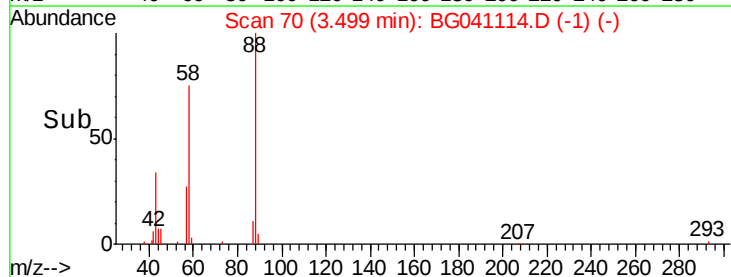
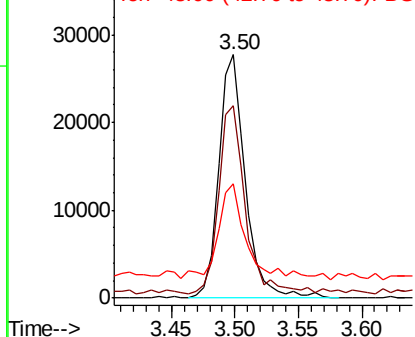
#2

1,4-Dioxane
Concen: 40.544 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion: 88 Resp: 40130
Ion Ratio Lower Upper
88 100
58 79.1 59.0 88.6
43 43.3 27.2 40.8#



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

Pyridine

Concen: 36.529 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

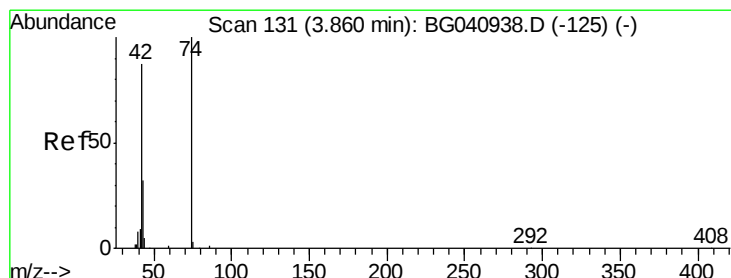
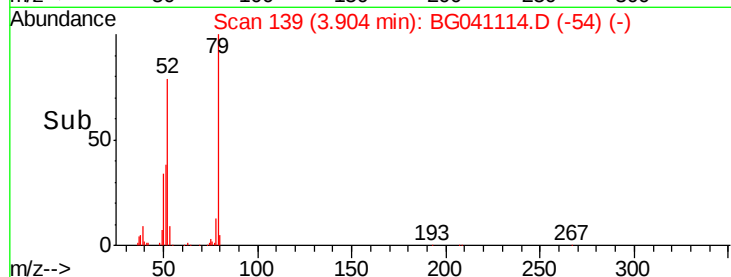
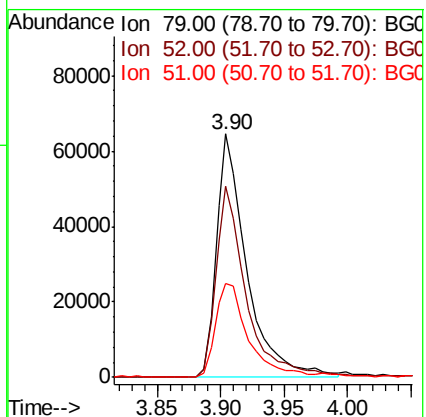
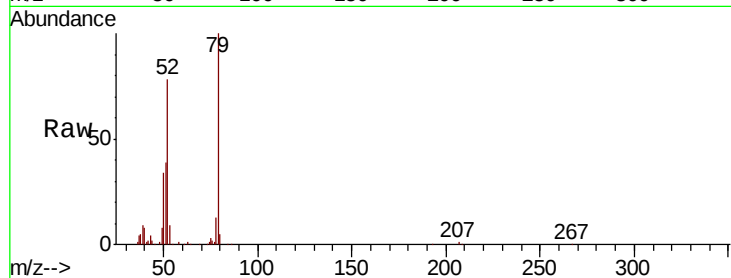
Tgt Ion: 79 Resp: 106986

Ion Ratio Lower Upper

79 100

52 78.3 64.8 97.2

51 38.5 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 42.925 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

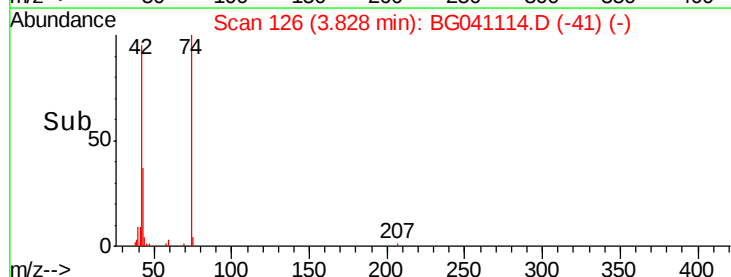
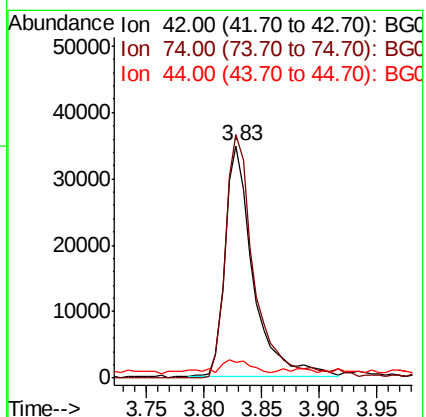
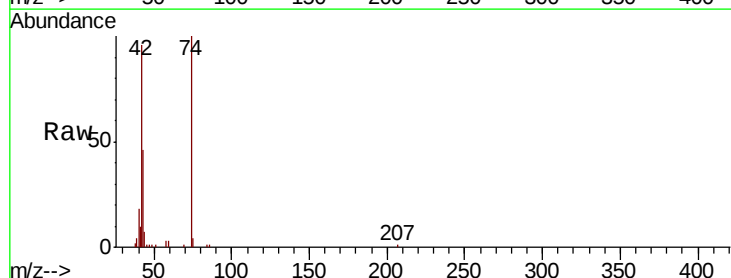
Tgt Ion: 42 Resp: 58347

Ion Ratio Lower Upper

42 100

74 104.6 91.8 137.6

44 7.0 6.0 9.0





#5

2-Fluorophenol

Concen: 141.691 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

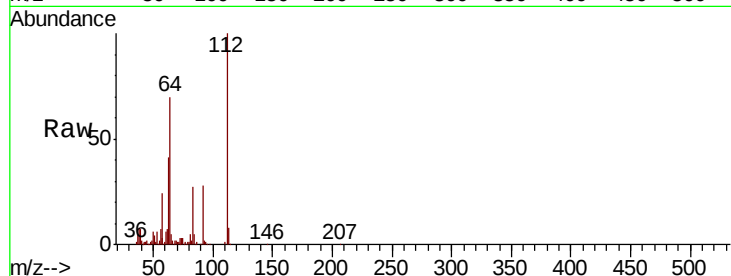
Tgt Ion:112 Resp: 309060

Ion Ratio Lower Upper

112 100

64 70.4 56.2 84.2

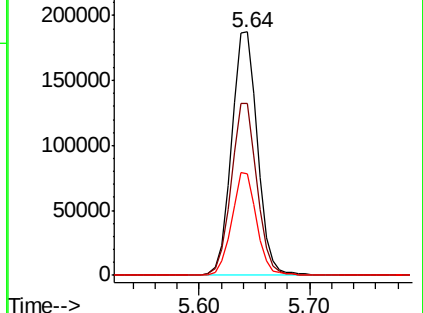
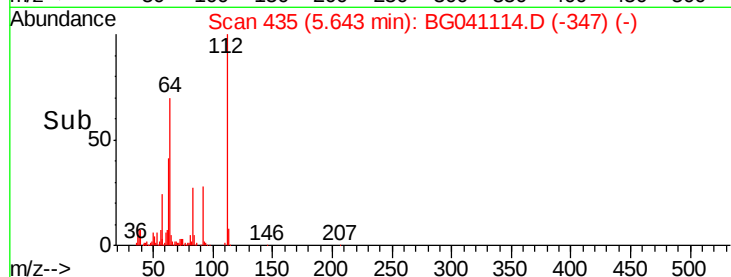
63 41.5 32.8 49.2



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: 30.372 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

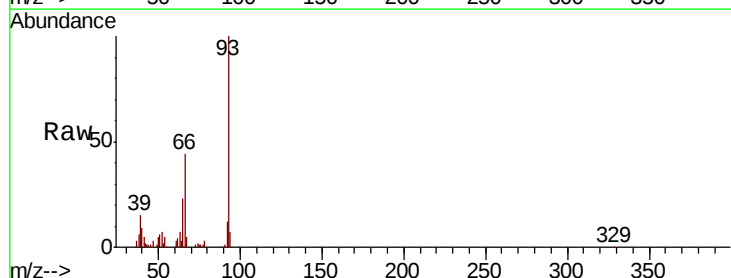
Tgt Ion: 93 Resp: 136566

Ion Ratio Lower Upper

93 100

66 43.8 33.8 50.8

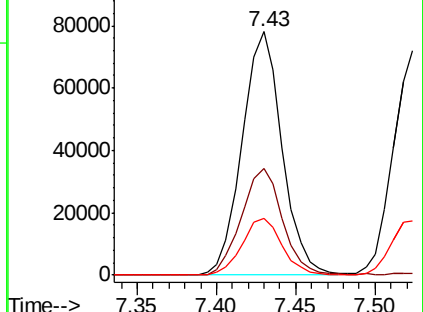
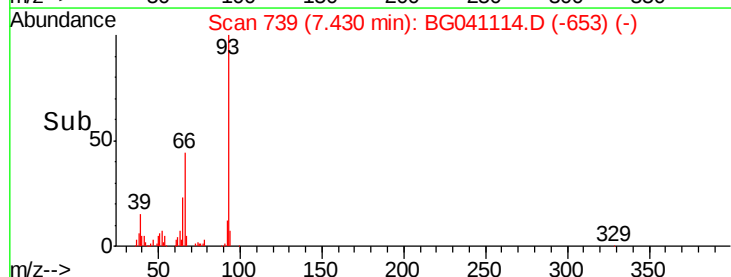
65 23.3 18.3 27.5

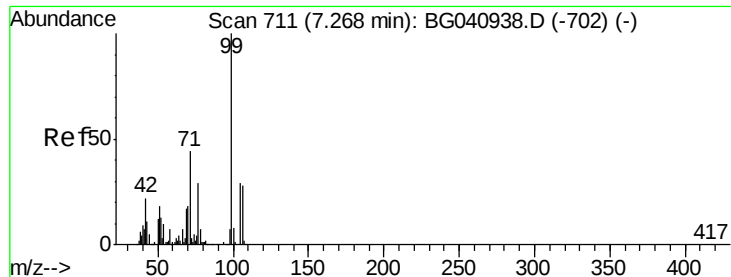


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.057 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

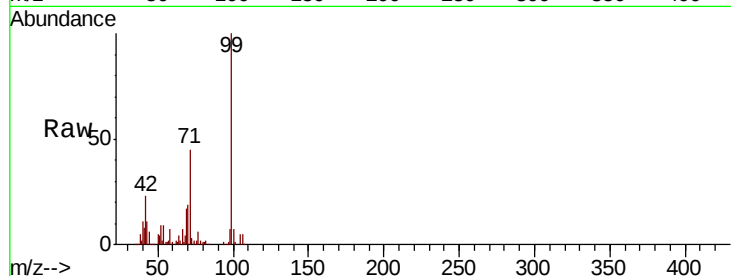
Tgt Ion: 99 Resp: 441488

Ion Ratio Lower Upper

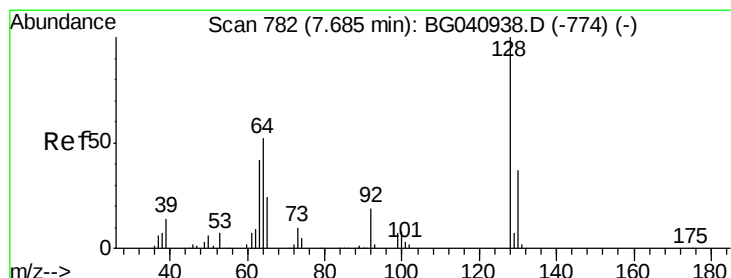
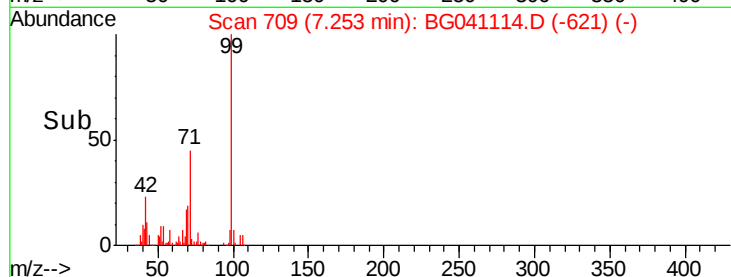
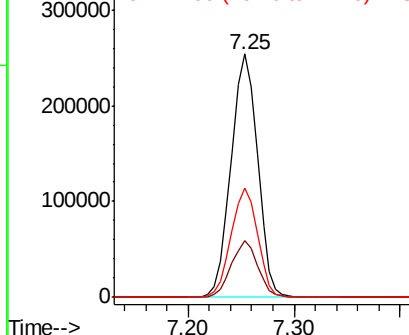
99 100

42 23.2 17.9 26.9

71 44.8 35.4 53.0



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



#8

2-Chlorophenol

Concen: 48.968 ng

RT: 7.66 min Scan# 779

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

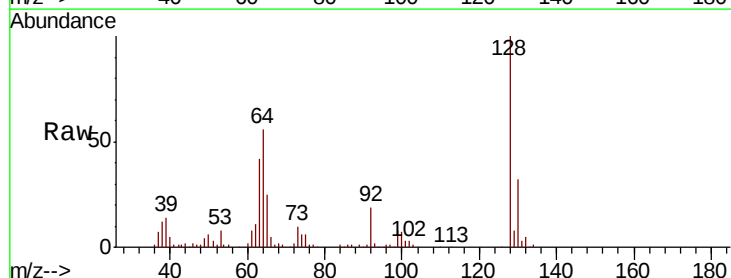
Tgt Ion: 128 Resp: 127337

Ion Ratio Lower Upper

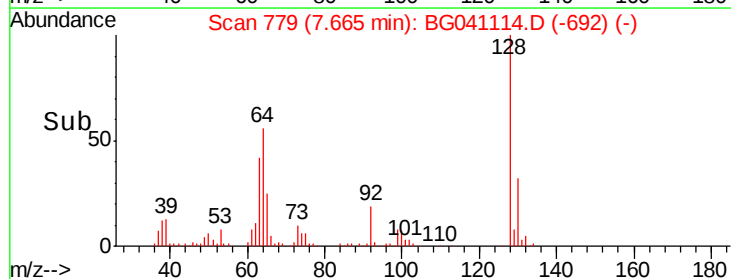
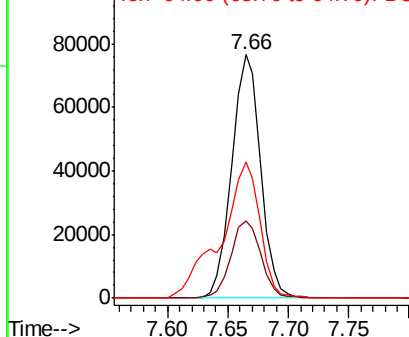
128 100

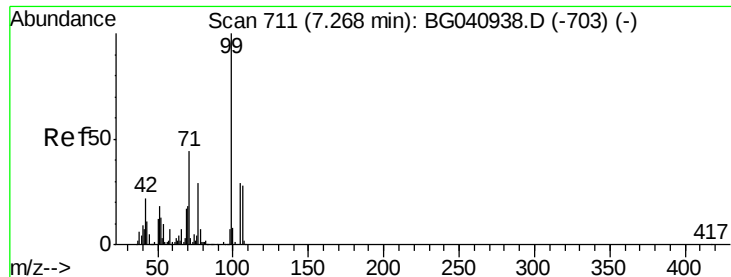
130 31.8 16.6 56.6

64 55.9 37.8 77.8



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





#9

Benzaldehyde

Concen: 18.767 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041114.D

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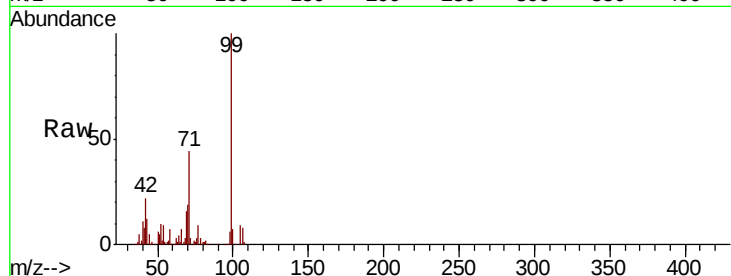
Tgt Ion: 77 Resp: 37712

Ion Ratio Lower Upper

77 100

105 96.2 78.9 118.9

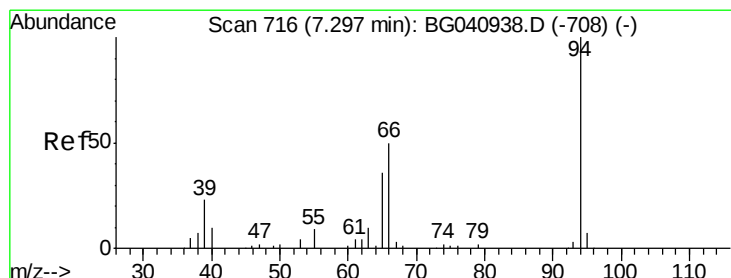
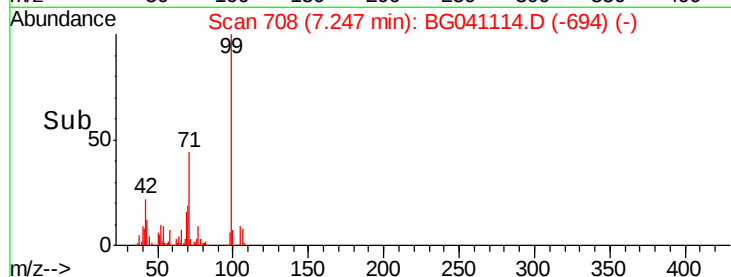
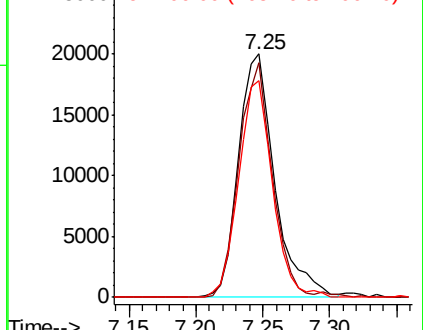
106 88.9 76.7 116.7



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: 48.507 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

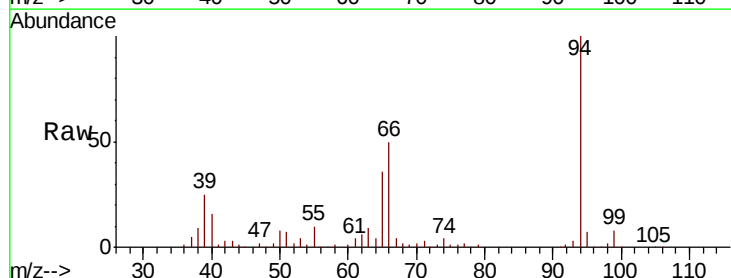
Tgt Ion: 94 Resp: 175202

Ion Ratio Lower Upper

94 100

65 35.9 17.0 57.0

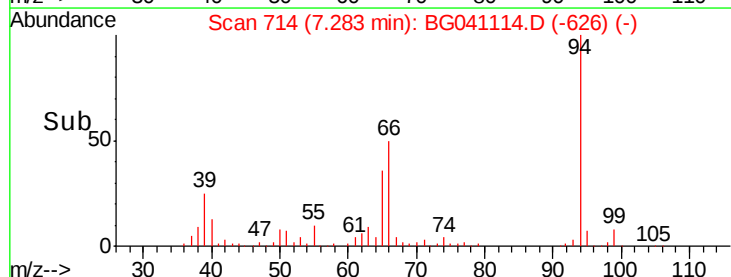
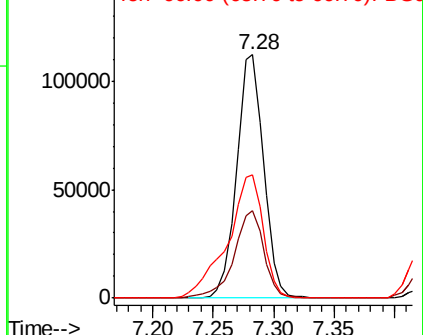
66 50.4 32.4 72.4

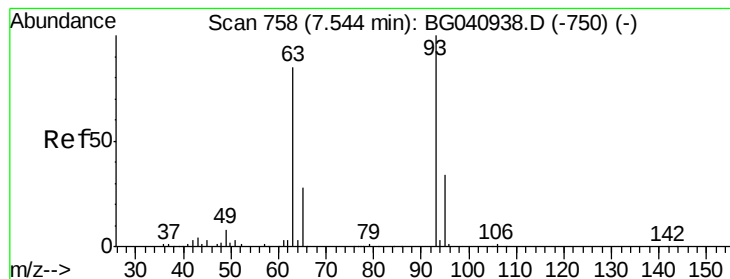


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.882 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.02 min

Lab File: BG041114.D

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PB120393BSD

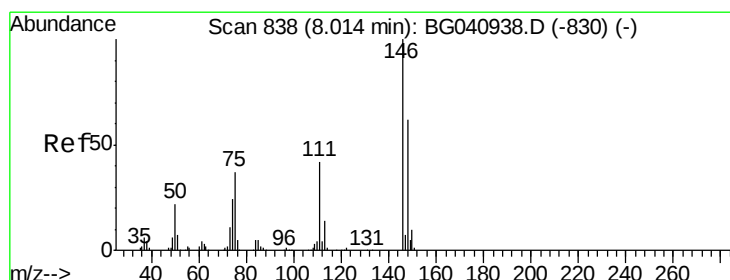
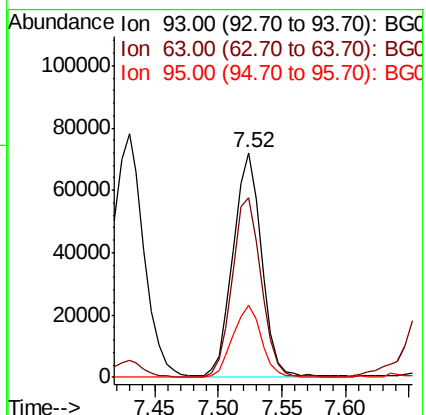
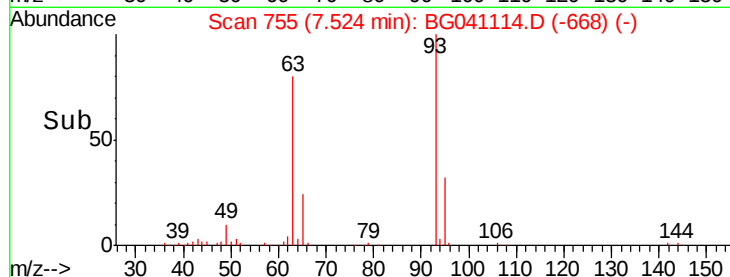
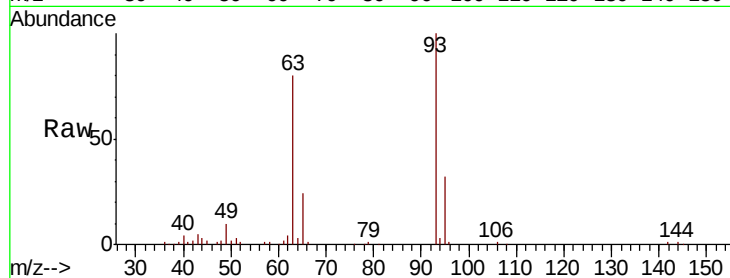
Tgt Ion: 93 Resp: 112360

Ion Ratio Lower Upper

93 100

63 80.0 64.5 104.5

95 32.0 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 40.365 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

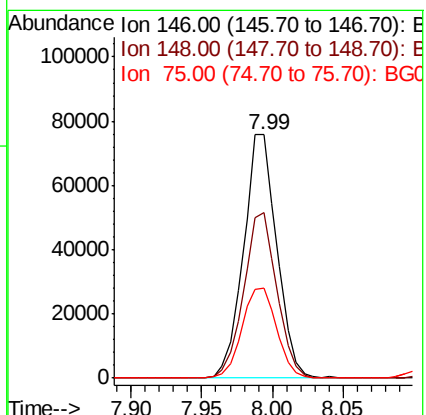
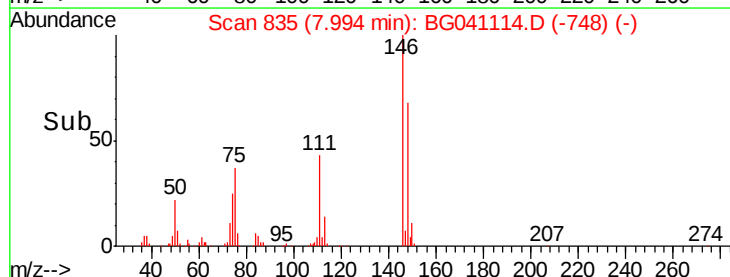
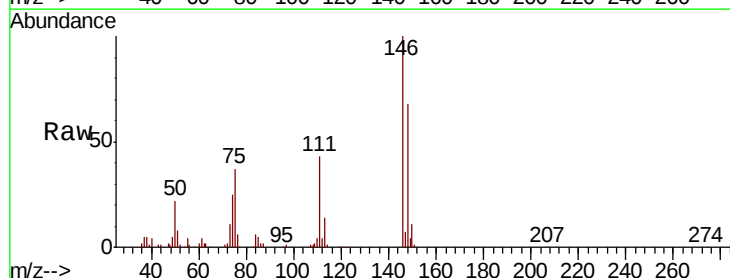
Tgt Ion: 146 Resp: 125369

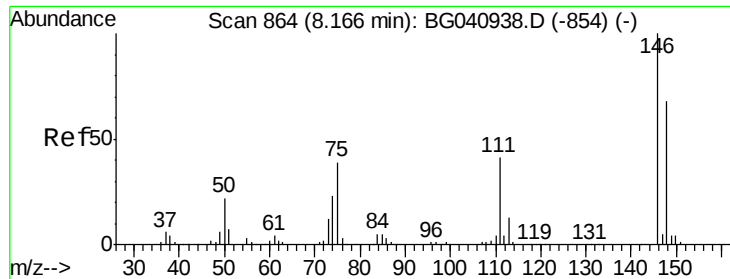
Ion Ratio Lower Upper

146 100

148 67.8 49.2 73.8

75 37.2 29.4 44.0

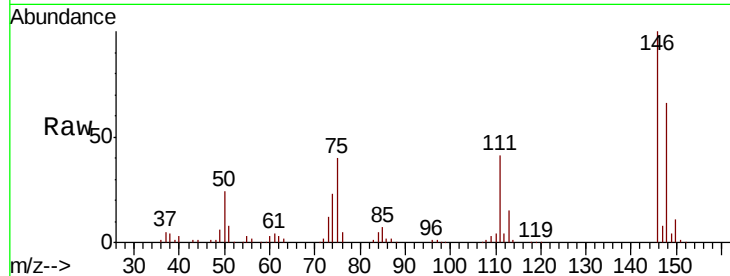




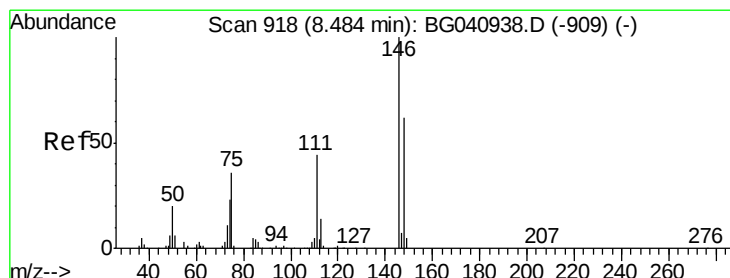
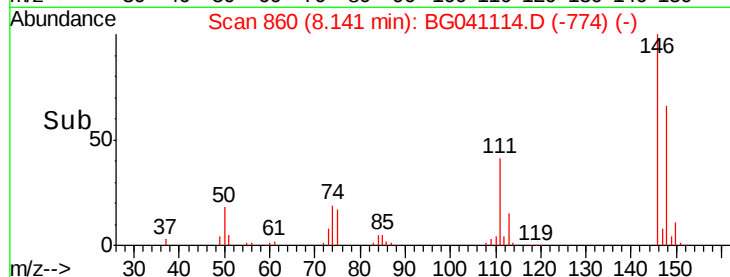
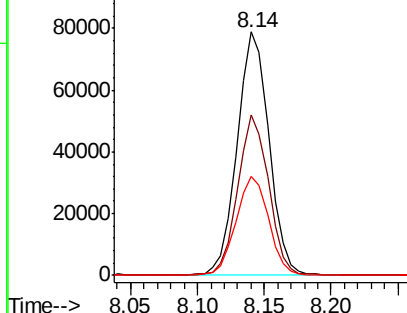
#13
 1,4-Dichlorobenzene
 Concen: 41.473 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BSD

Tgt Ion:146 Resp: 130383
 Ion Ratio Lower Upper
 146 100
 148 66.1 54.2 81.4
 111 40.5 32.9 49.3

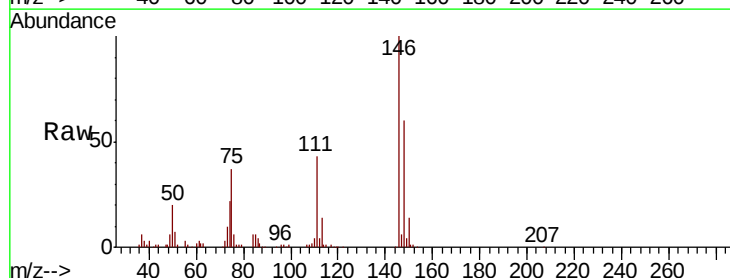


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

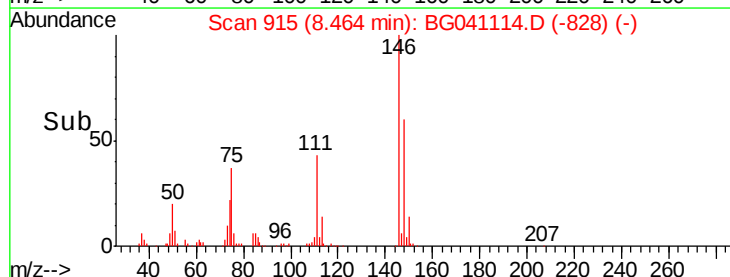
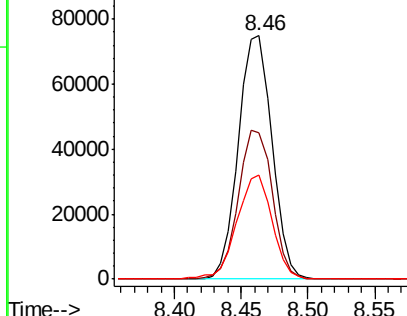


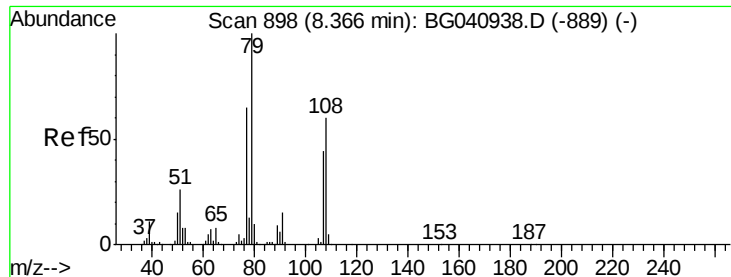
#14
 1,2-Dichlorobenzene
 Concen: 42.854 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

Tgt Ion:146 Resp: 130811
 Ion Ratio Lower Upper
 146 100
 148 60.2 49.8 74.6
 111 43.0 35.0 52.4



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: 45.659 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

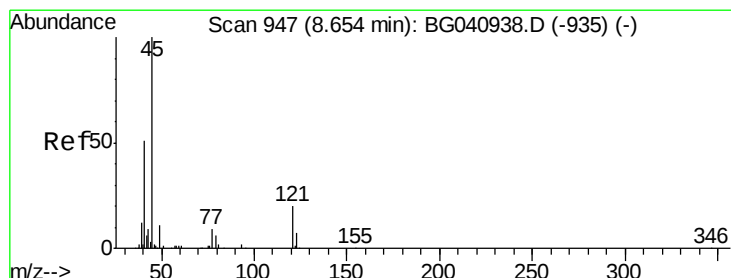
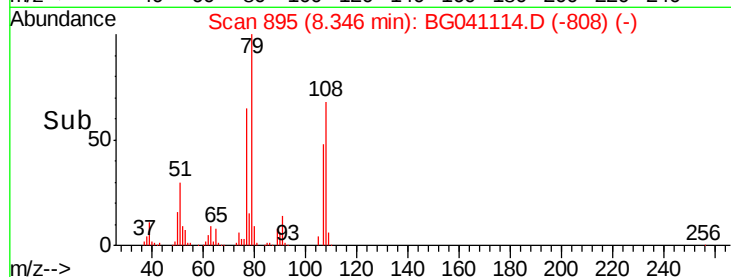
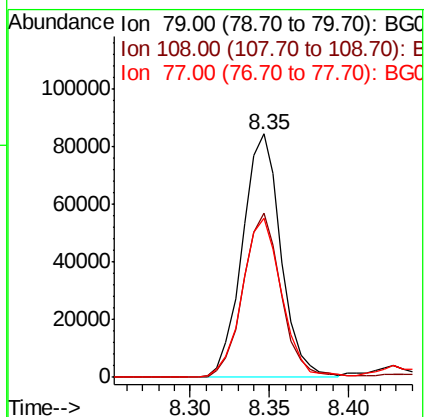
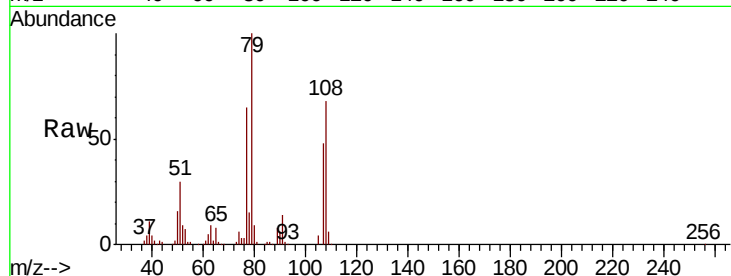
Tgt Ion: 79 Resp: 142279

Ion Ratio Lower Upper

79 100

108 67.6 48.3 72.5

77 65.4 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.493 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

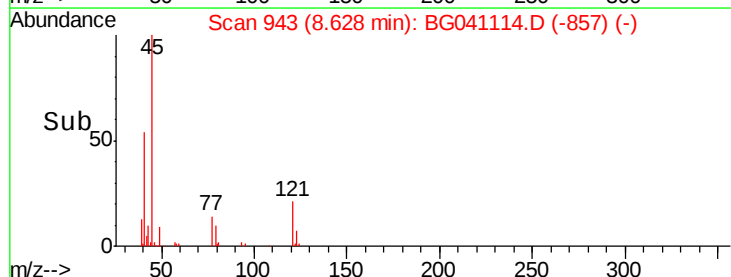
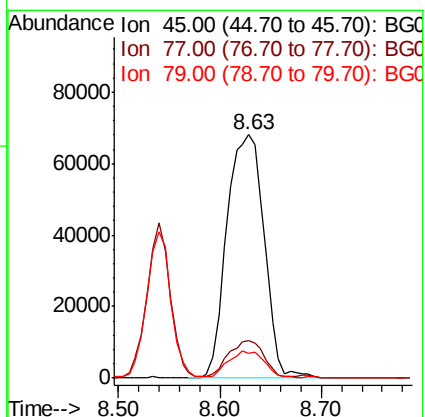
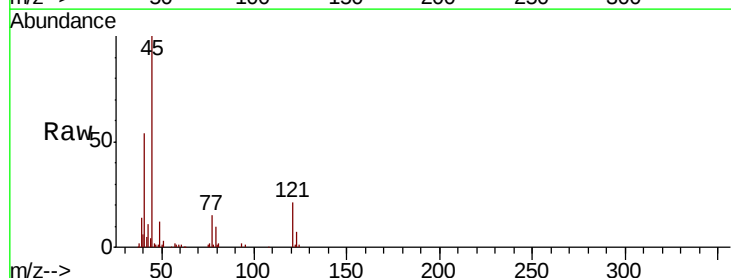
Tgt Ion: 45 Resp: 173378

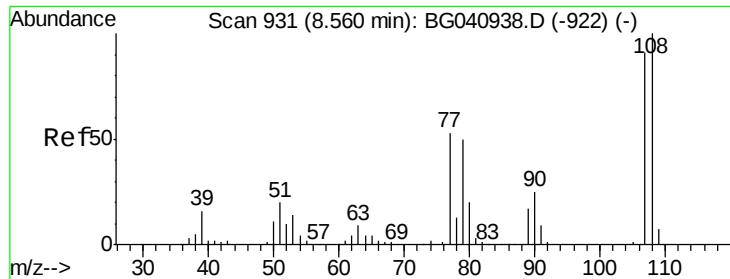
Ion Ratio Lower Upper

45 100

77 15.2 0.0 33.7

79 10.3 0.0 30.2

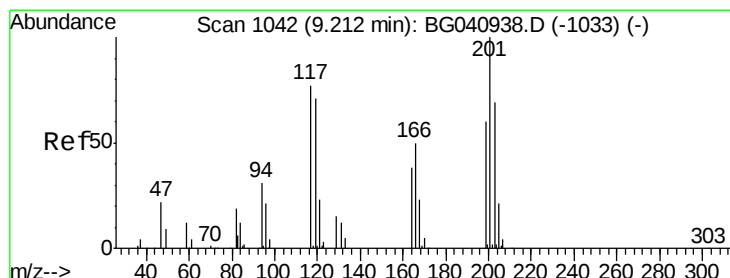
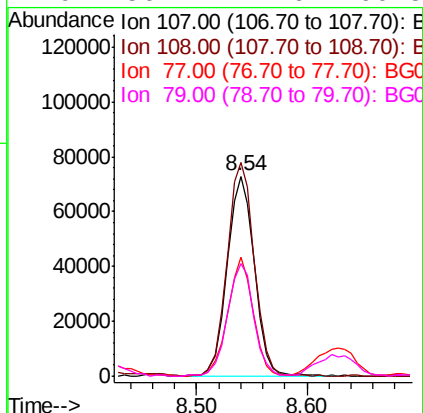
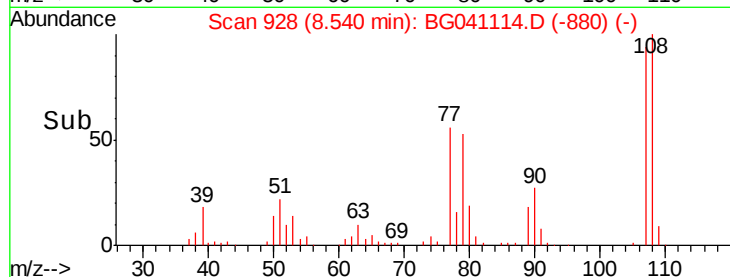
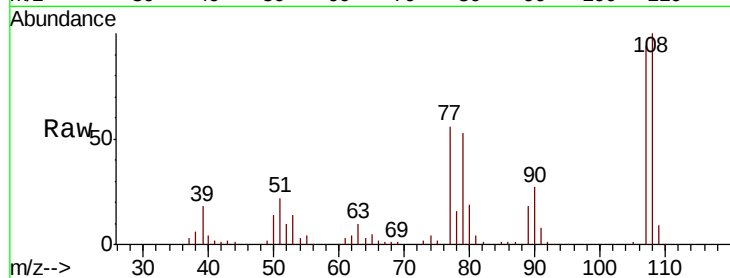




#17
2-Methylphenol
Concen: 48.037 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

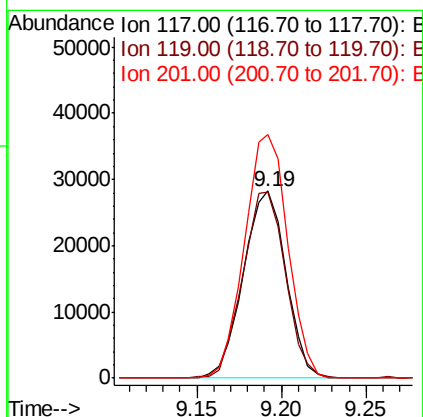
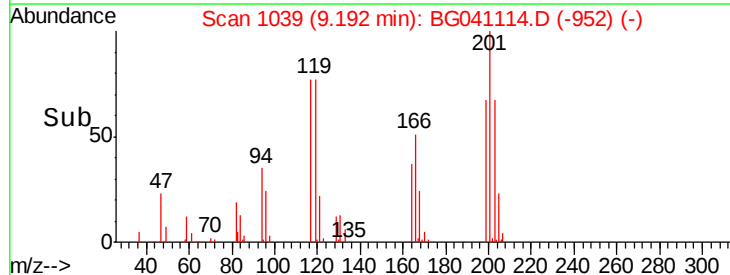
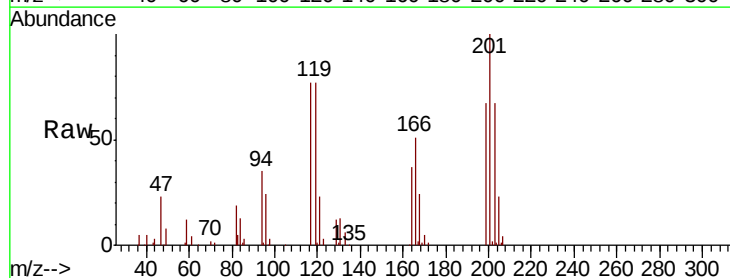
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

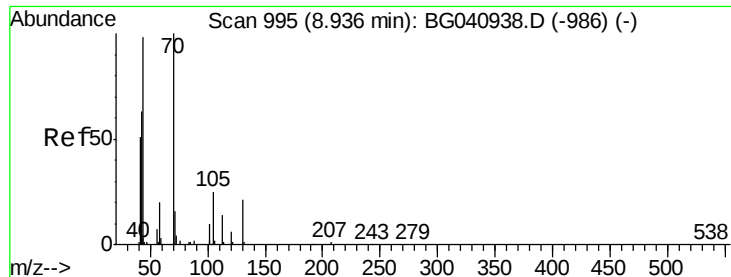
Tgt Ion:	107	Resp:	125624
Ion	Ratio	Lower	Upper
107	100		
108	106.9	87.7	131.5
77	59.6	46.6	70.0
79	56.1	44.6	66.8



#18
Hexachloroethane
Concen: 40.933 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion:	117	Resp:	49598
Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.0	112.6
201	130.1	103.5	155.3

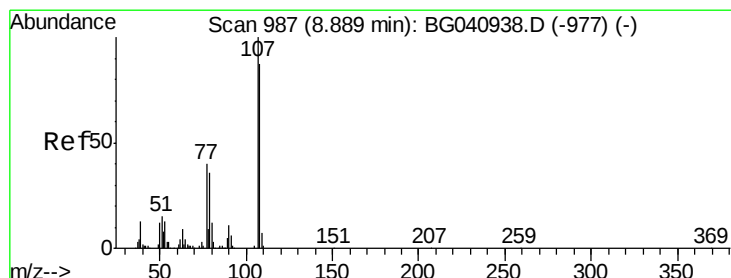
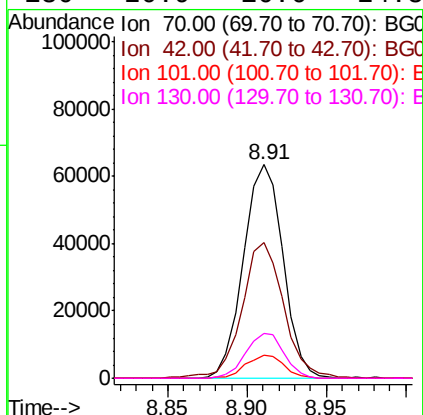
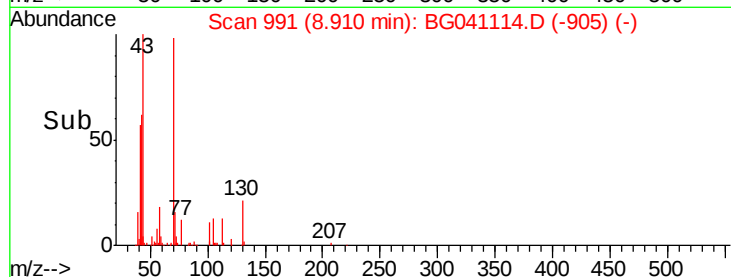
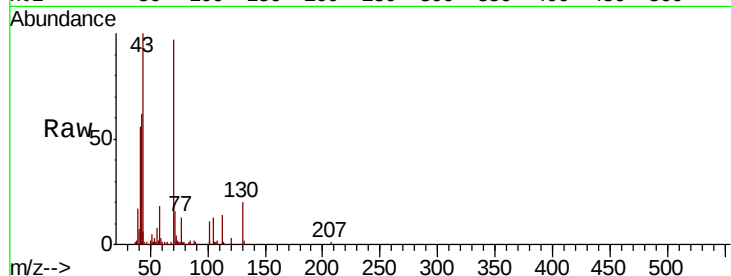




#19
n-Nitroso-di-n-propylamine
Concen: 42.658 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

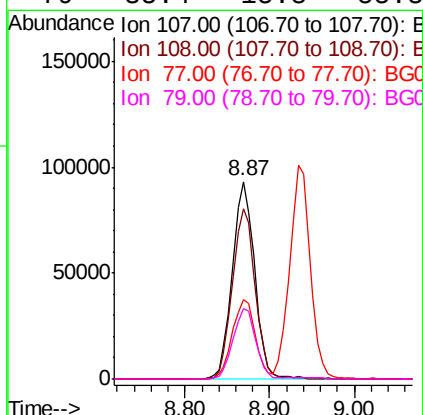
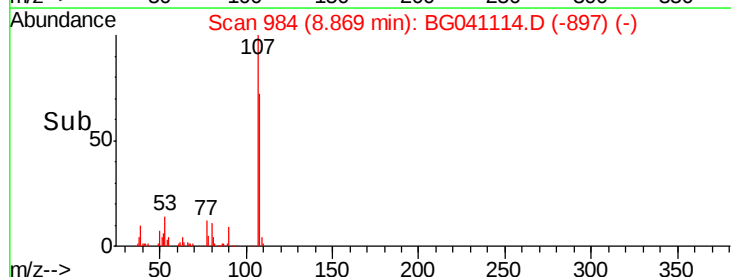
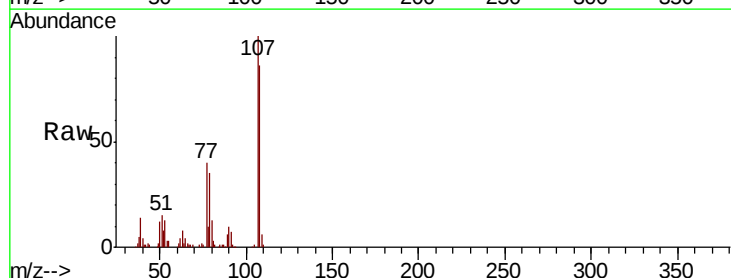
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

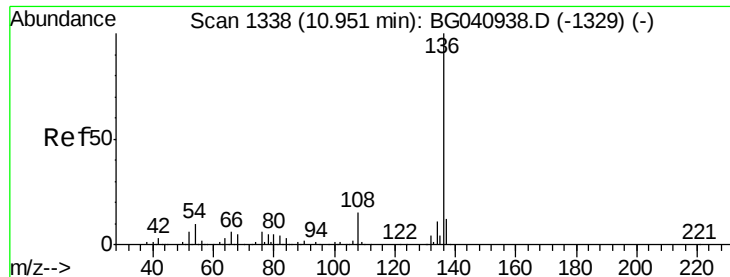
Tgt Ion:	70	Resp:	110586
Ion	Ratio	Lower	Upper
70	100		
42	63.3	51.5	77.3
101	10.9	8.1	12.1
130	20.9	16.6	24.8



#20
3+4-Methylphenols
Concen: 46.430 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion:	107	Resp:	168193
Ion	Ratio	Lower	Upper
107	100		
108	86.2	66.8	106.8
77	39.9	20.5	60.5
79	35.4	15.8	55.8

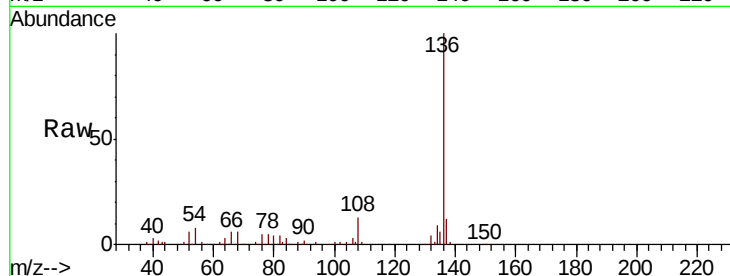




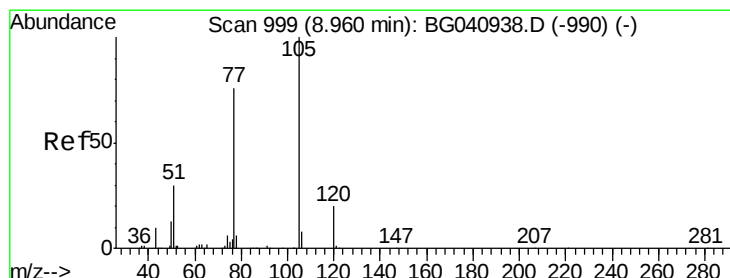
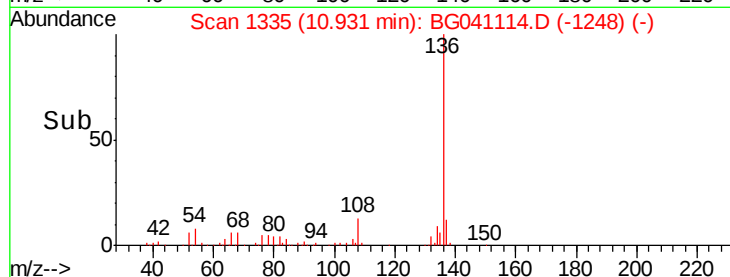
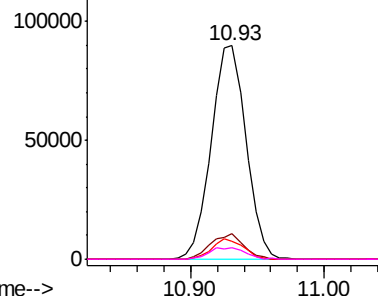
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion:	136	Resp:	162154
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	8.4	7.6	11.4
68	5.7	3.9	5.9

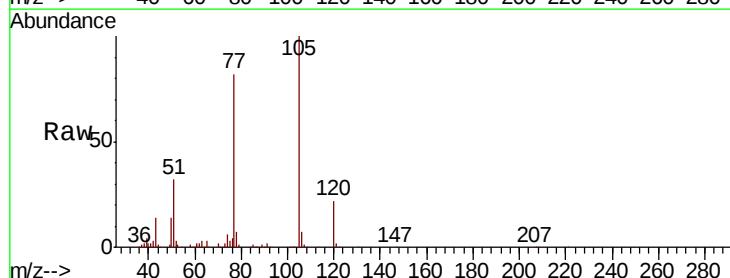


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

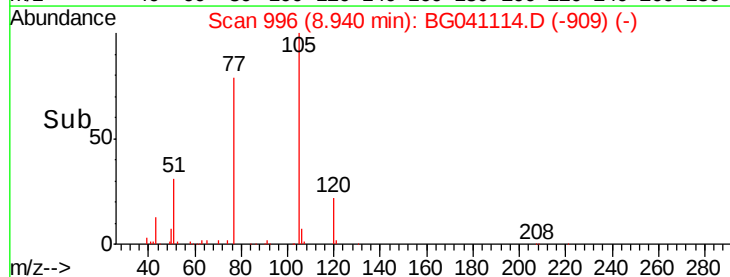
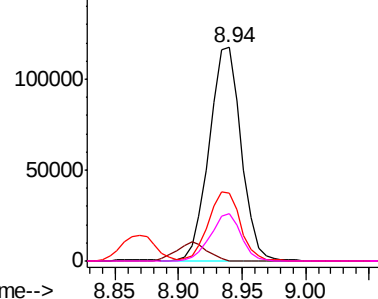


#22
Acetophenone
Concen: 44.965 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion:	105	Resp:	204531
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	31.6	27.0	40.6
120	22.0	16.2	24.4



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

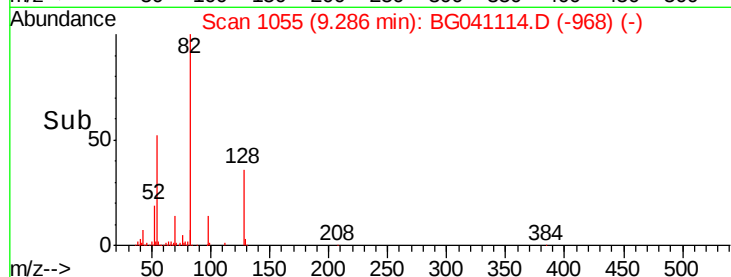
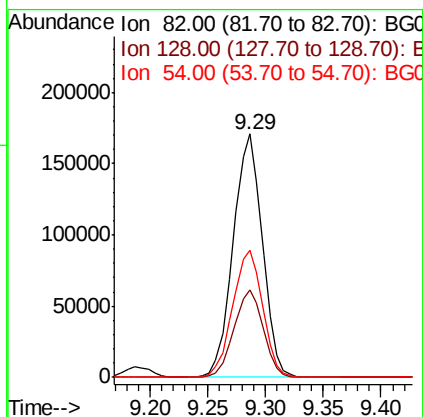
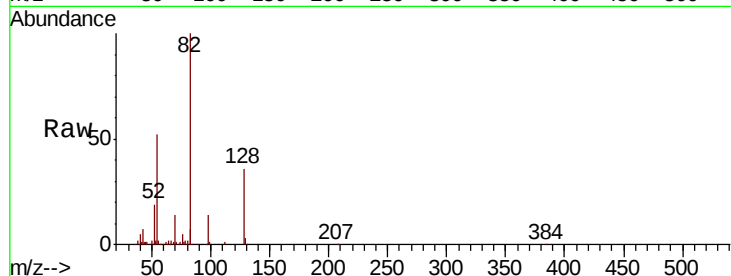




#23
 Nitrobenzene-d5
 Concen: 81.984 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

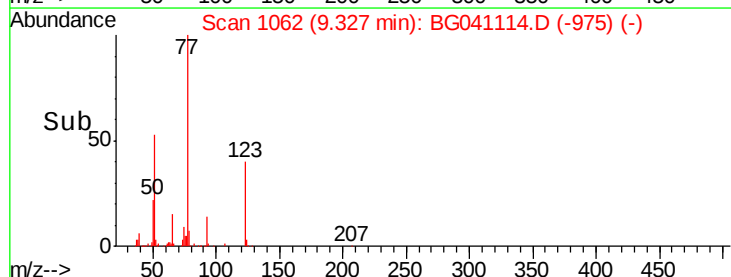
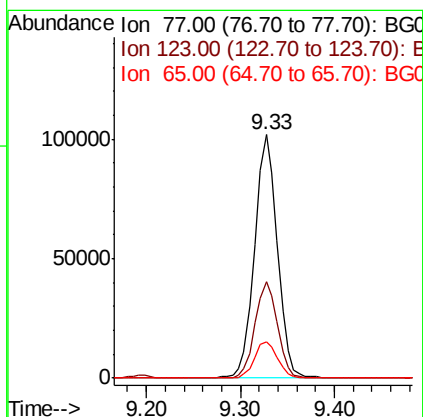
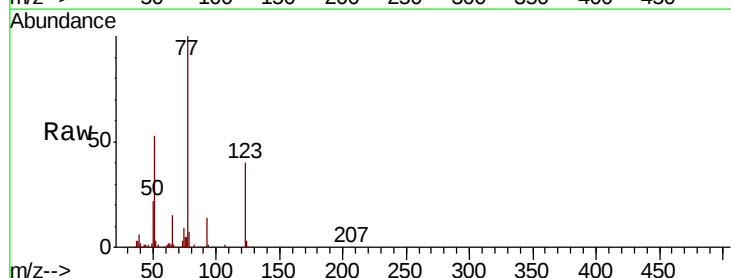
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.5	45.7
54	52.5	44.6	66.8



#24
 Nitrobenzene
 Concen: 45.901 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	30.6	46.0
65	15.0	12.3	18.5





#25

Isophorone

Concen: 45.657 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

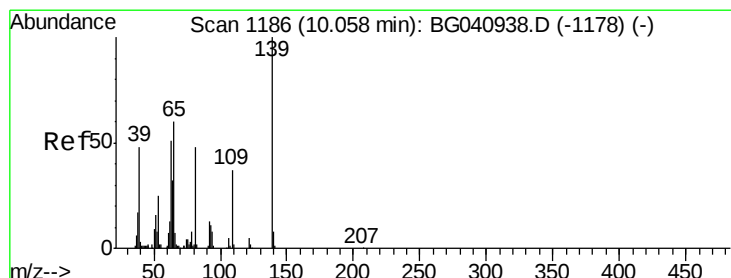
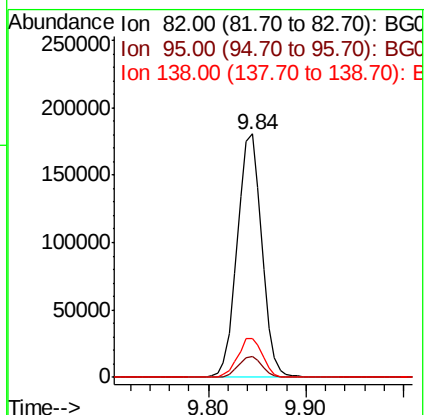
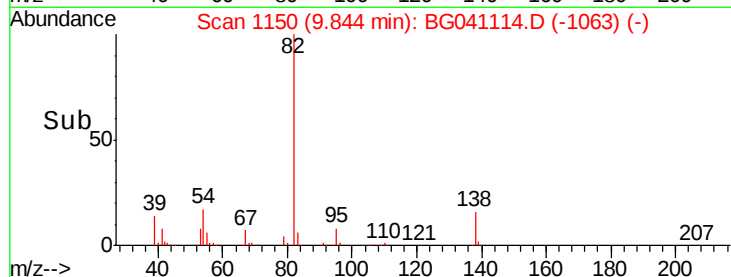
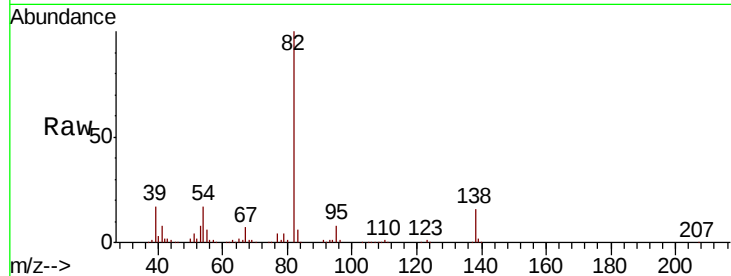
Tgt Ion: 82 Resp: 317374

Ion Ratio Lower Upper

82 100

95 8.4 7.0 10.4

138 16.2 12.6 19.0



#26

2-Nitrophenol

Concen: 50.494 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

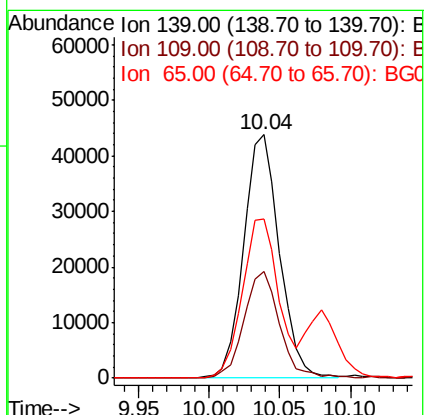
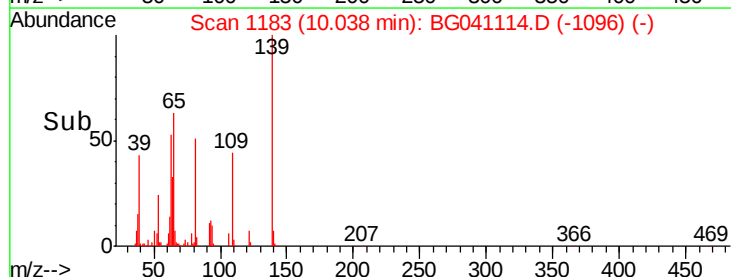
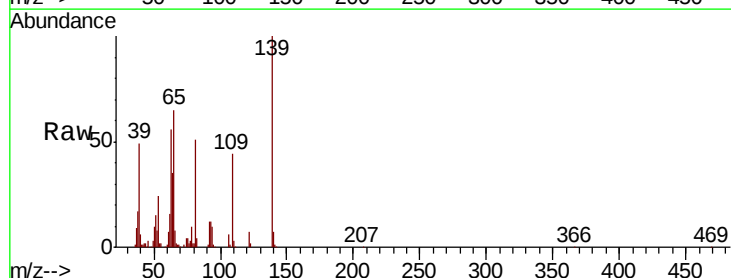
Tgt Ion: 139 Resp: 77485

Ion Ratio Lower Upper

139 100

109 43.9 29.8 44.6

65 65.2 47.8 71.6

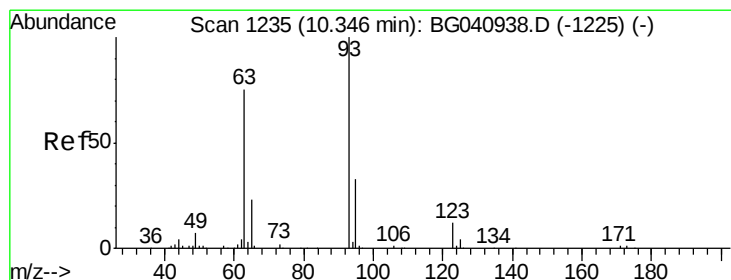
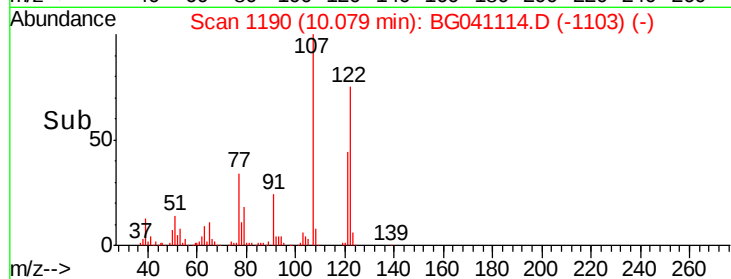
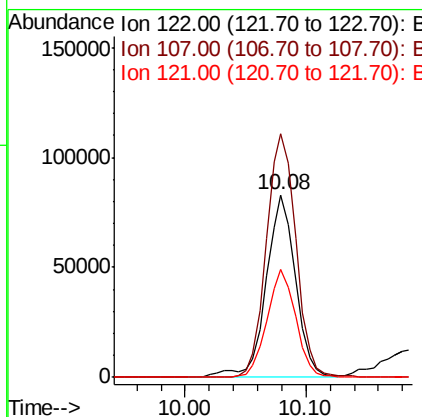
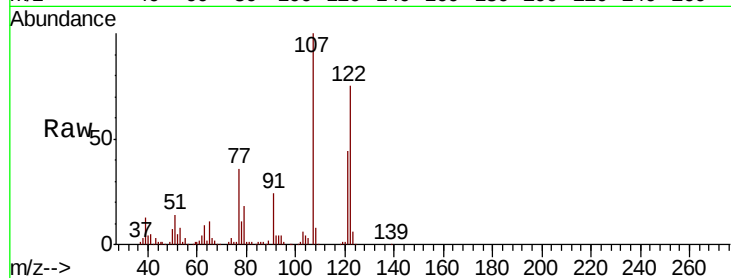




#27
 2,4-Dimethylphenol
 Concen: 54.963 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

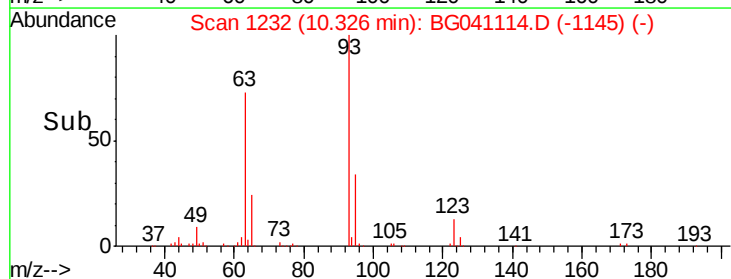
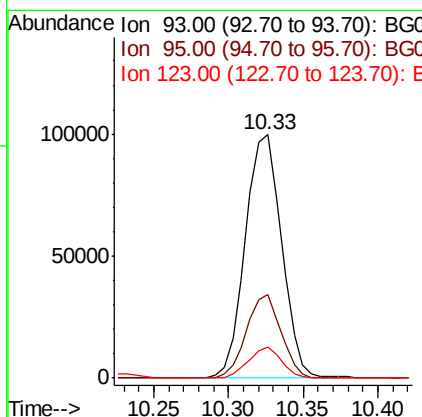
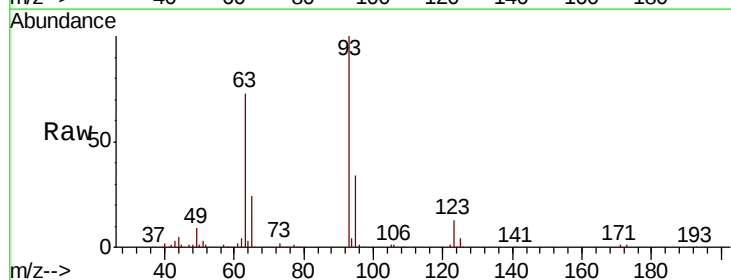
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BSD

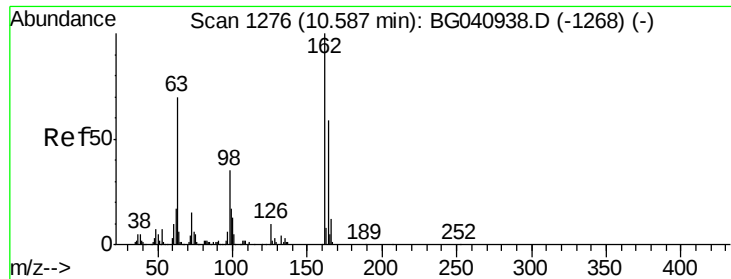
Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.2	105.9	158.9
121	59.3	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.754 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.2	39.2
123	12.7	9.5	14.3

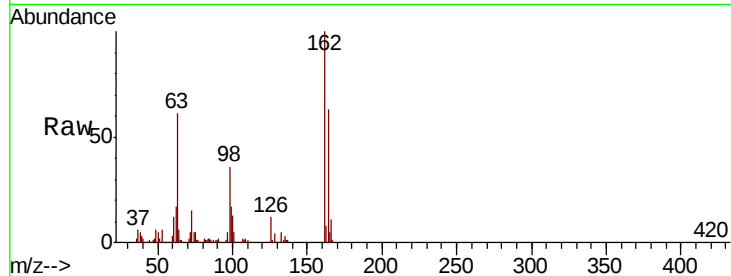




#29
2,4-Dichlorophenol
Concen: 48.555 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	39.4	79.4
98	36.3	15.3	55.3

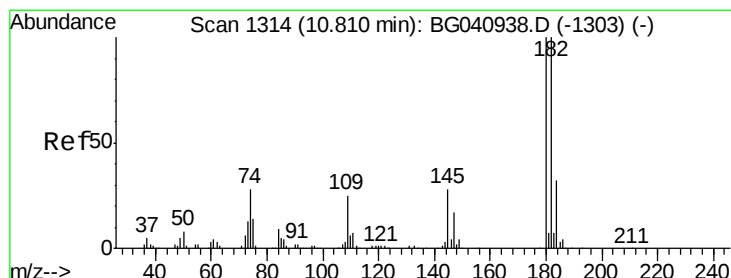
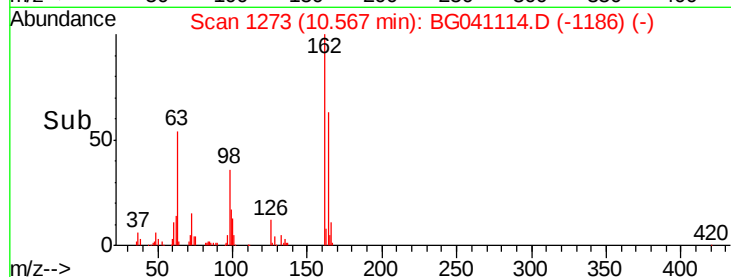
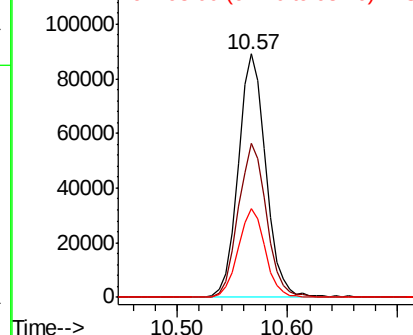


Abundance

Ion 162.00 (161.70 to 162.70): E

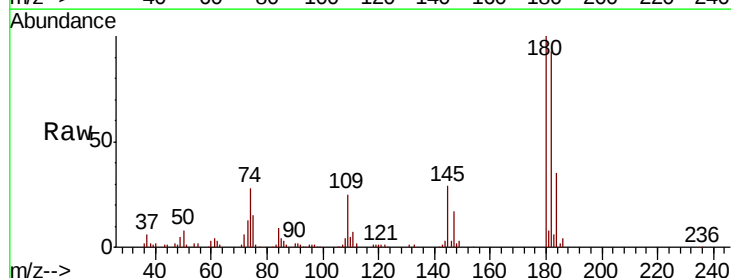
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 44.341 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	79.7	119.5
145	29.2	22.6	34.0

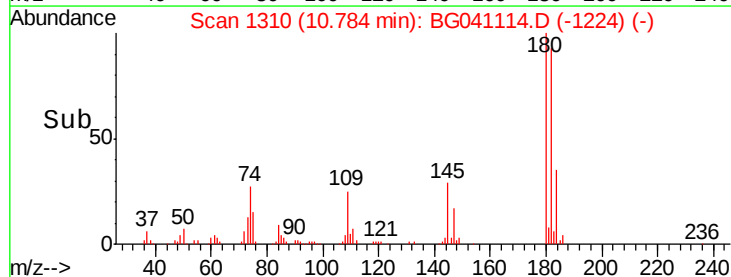
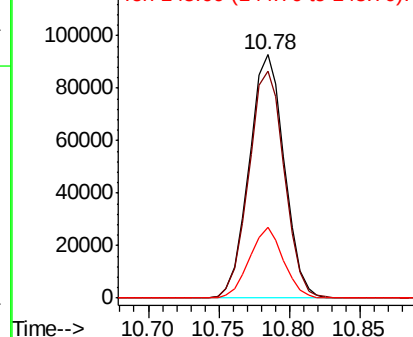


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

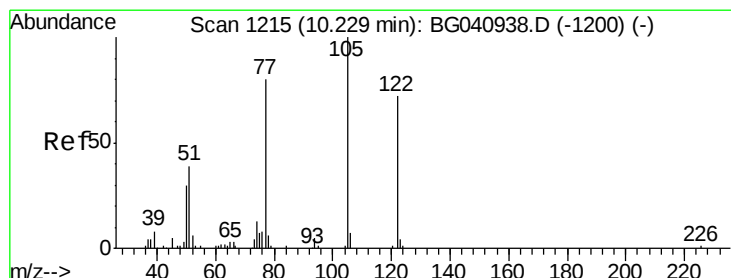
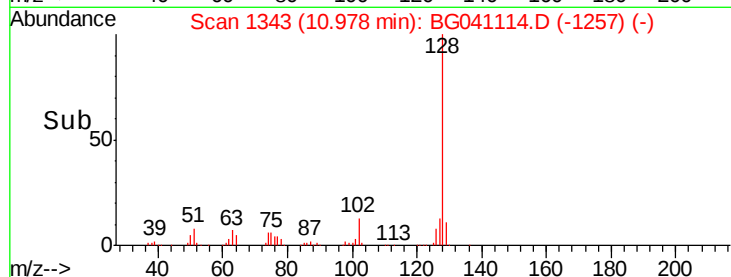
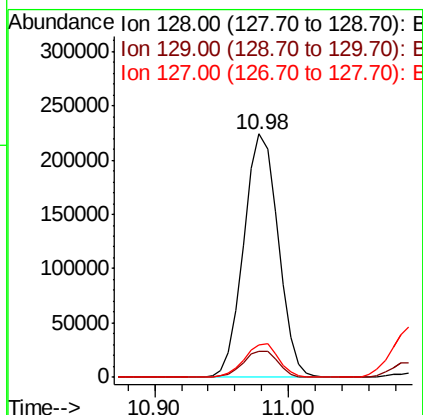
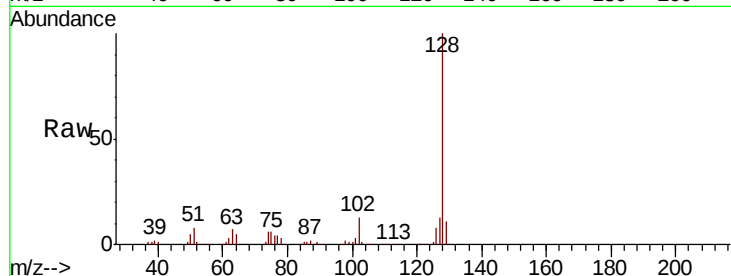




#31
Naphthalene
Concen: 45.920 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

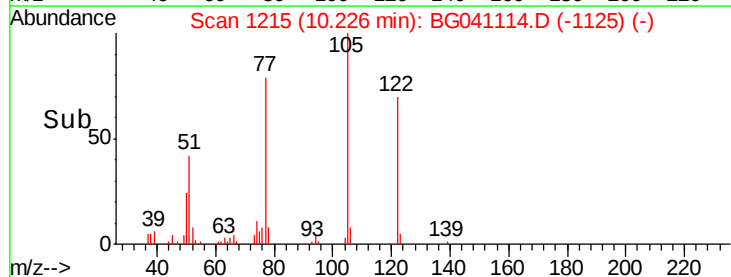
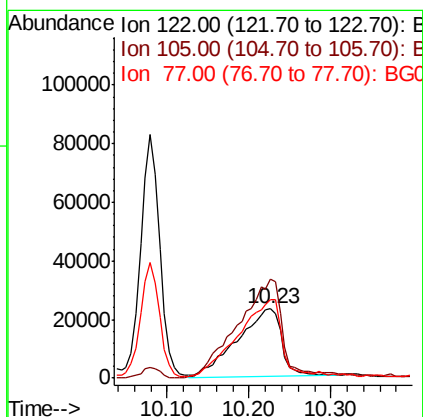
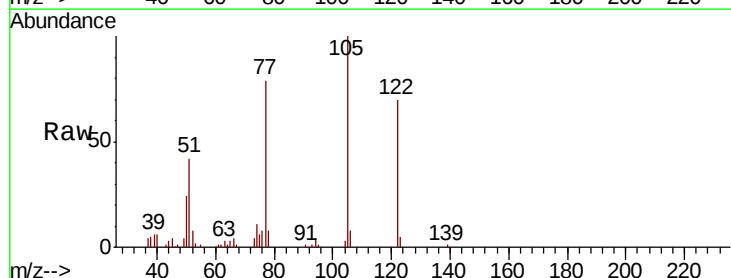
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	13.3	11.4	17.2



#32
Benzoic acid
Concen: 44.962 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.5	114.8	154.8
77	112.9	89.9	129.9

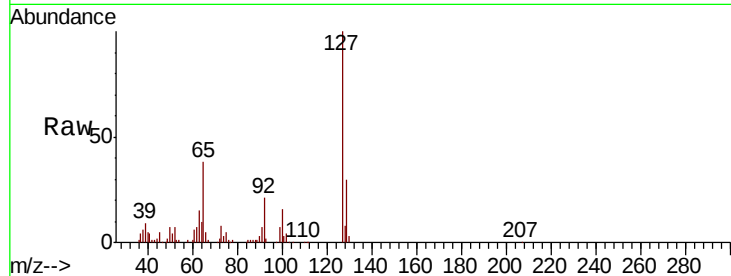




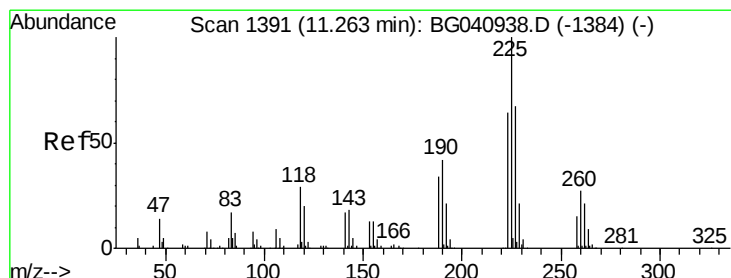
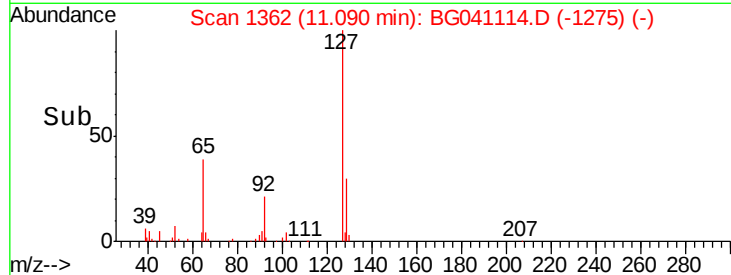
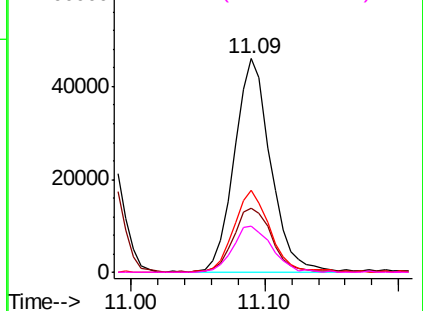
#33
4-Chloroaniline
Concen: 21.462 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion:	127	Resp:	86696
Ion	Ratio	Lower	Upper
127	100		
129	29.9	27.7	41.5
65	38.4	33.2	49.8
92	21.5	17.2	25.8

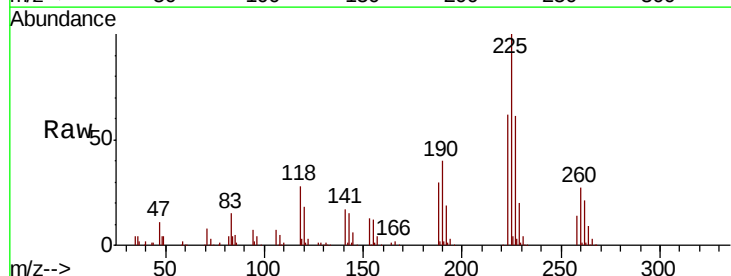


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

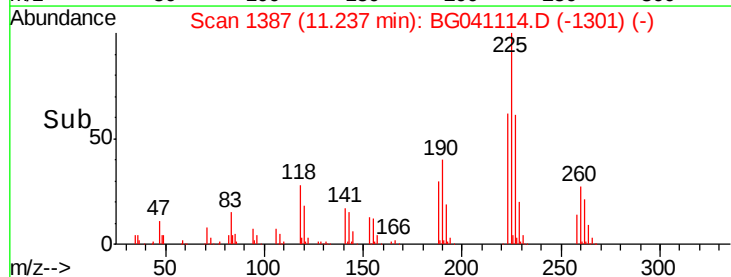
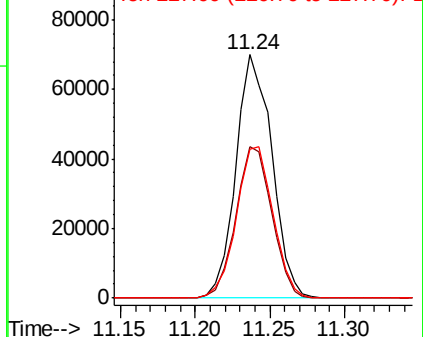


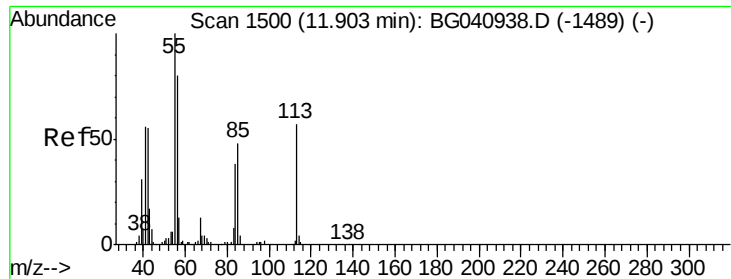
#34
Hexachlorobutadiene
Concen: 41.870 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion:	225	Resp:	117294
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	61.2	51.4	77.0



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: 26.603 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

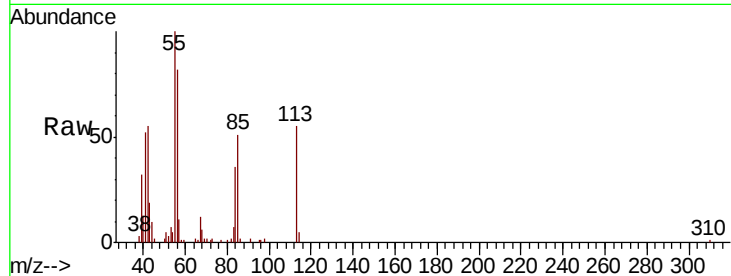
Tgt Ion:113 Resp: 28273

Ion Ratio Lower Upper

113 100

55 182.1 155.9 195.9

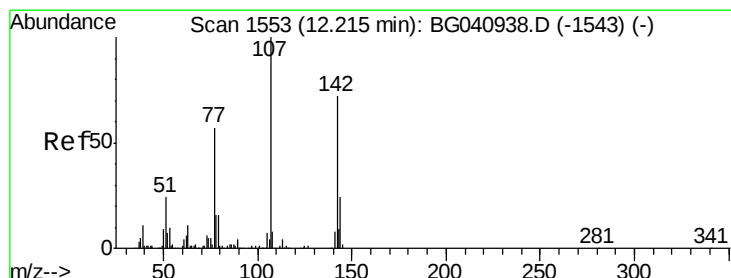
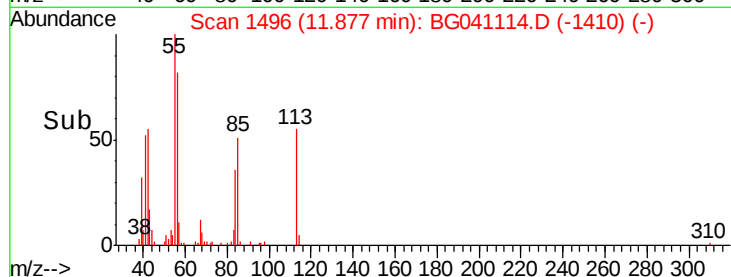
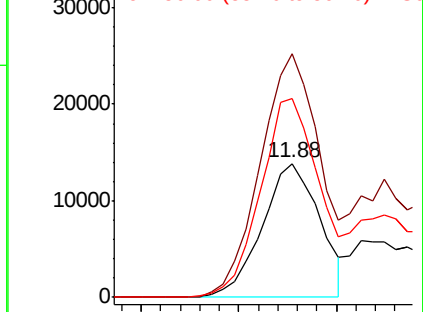
56 149.0 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.282 ng

RT: 12.19 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

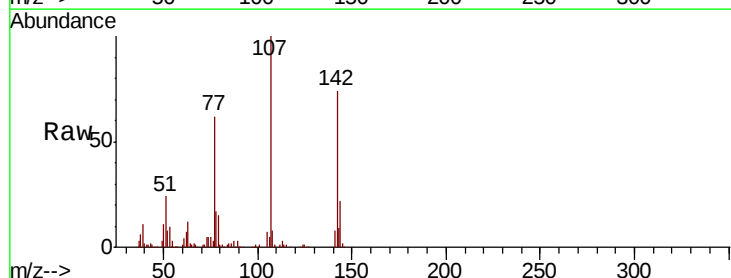
Tgt Ion:107 Resp: 177465

Ion Ratio Lower Upper

107 100

144 22.5 19.4 29.0

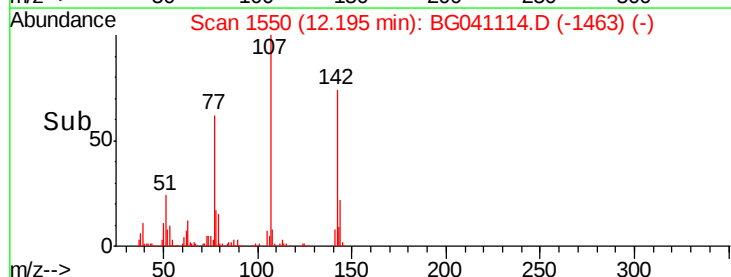
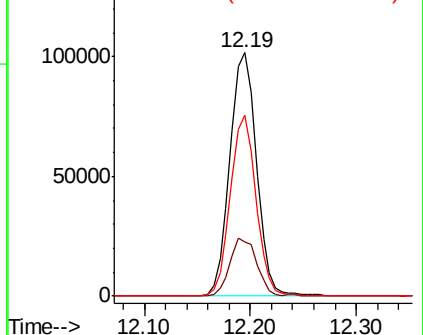
142 74.1 57.3 85.9

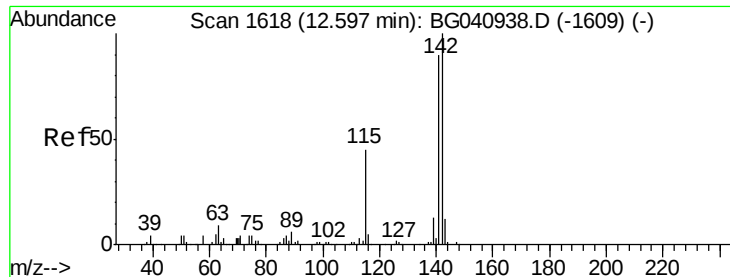


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

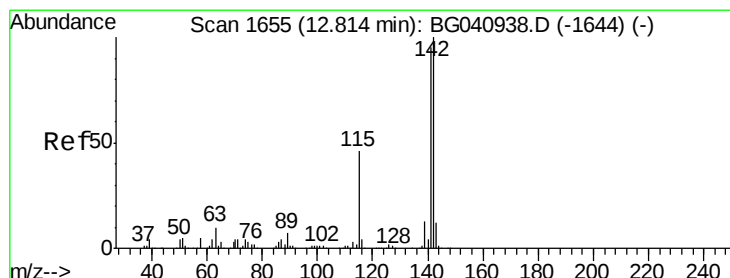
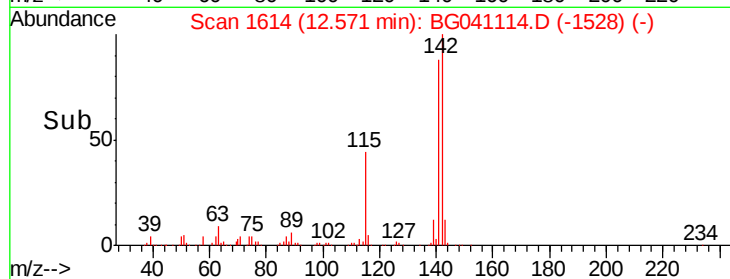
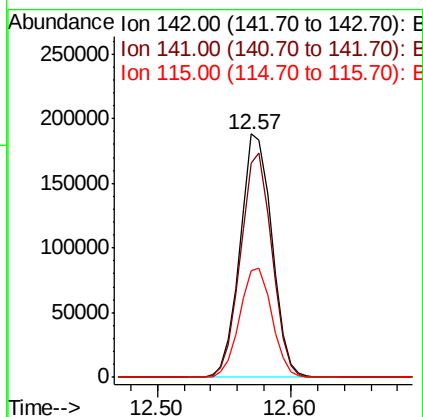
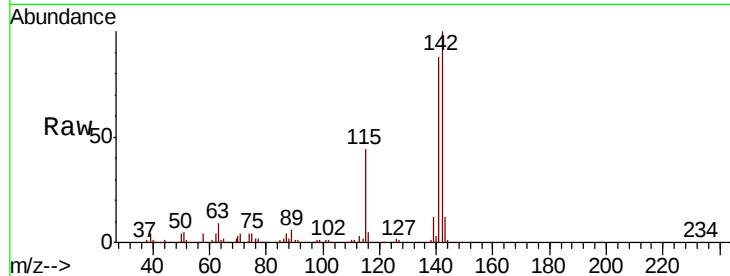




#37
2-Methylnaphthalene
Concen: 46.286 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

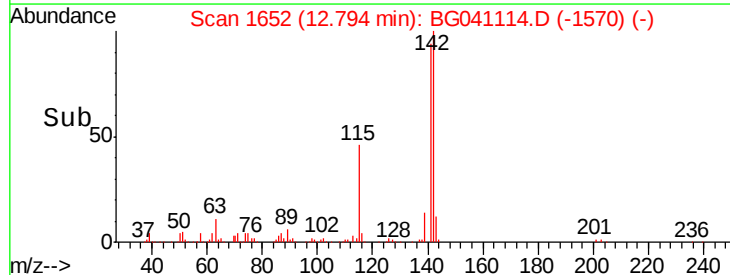
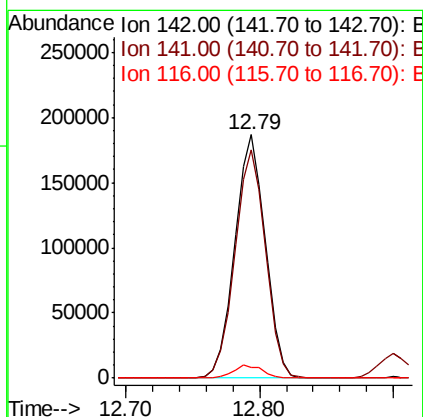
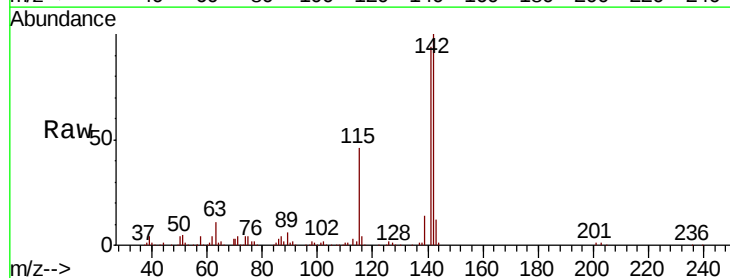
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

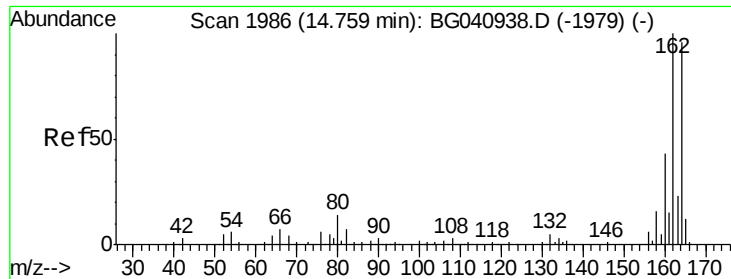
Tgt Ion:142 Resp: 310362
Ion Ratio Lower Upper
142 100
141 88.0 72.2 108.4
115 43.8 36.2 54.4



#38
1-Methylnaphthalene
Concen: 46.628 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion:142 Resp: 294627
Ion Ratio Lower Upper
142 100
141 93.7 75.7 113.5
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

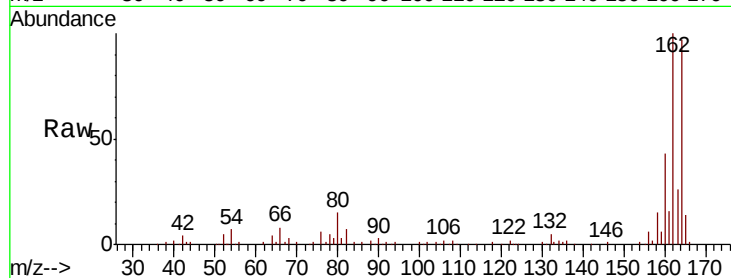
Tgt Ion:164 Resp: 125570

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.4

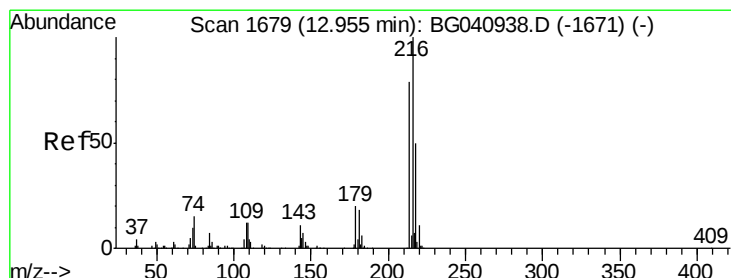
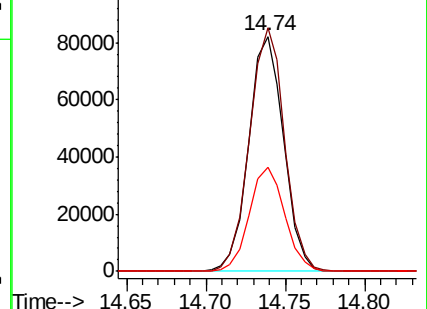
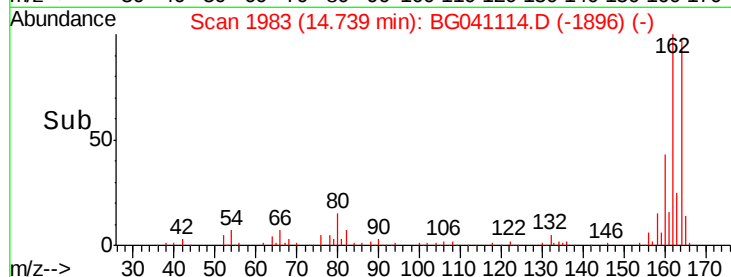
160 44.4 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.662 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Tgt Ion:216 Resp: 226043

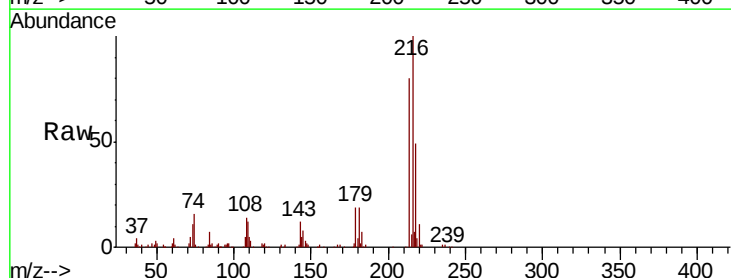
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 19.3 15.2 22.8

108 16.6 11.4 17.2

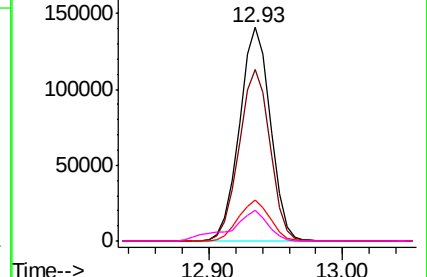
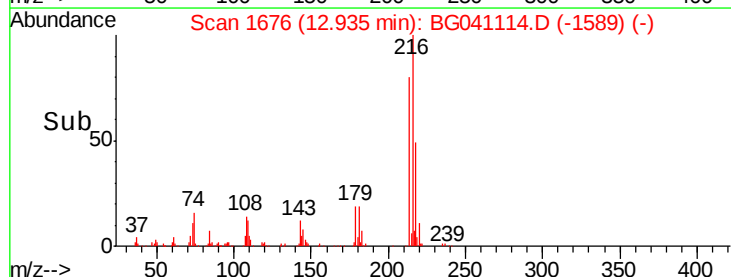


Abundance Ion 216.00 (215.70 to 216.70): E

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: 106.111 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

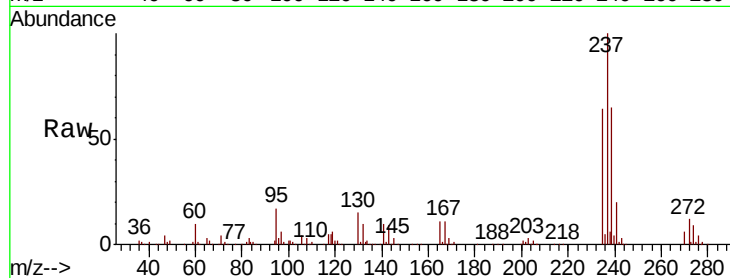
Tgt Ion: 237 Resp: 296837

Ion Ratio Lower Upper

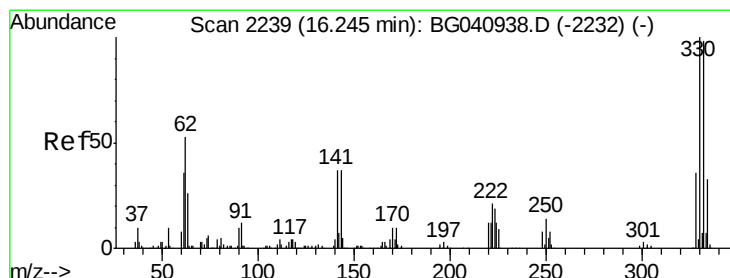
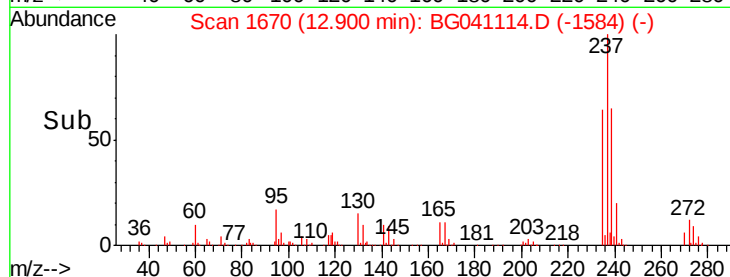
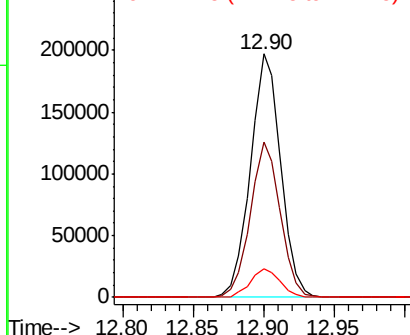
237 100

235 63.7 45.5 85.5

272 11.8 0.0 32.9



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



#42

2,4,6-Tribromophenol

Concen: 128.652 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

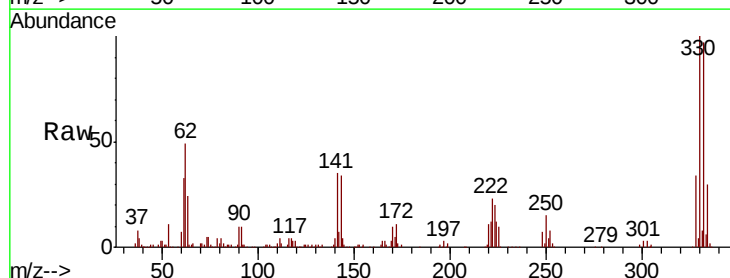
Tgt Ion: 330 Resp: 239829

Ion Ratio Lower Upper

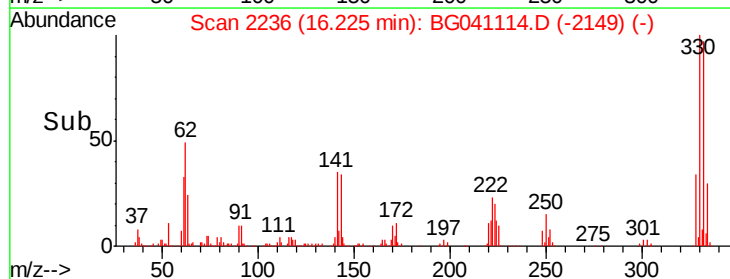
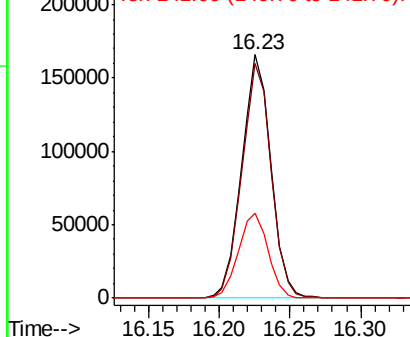
330 100

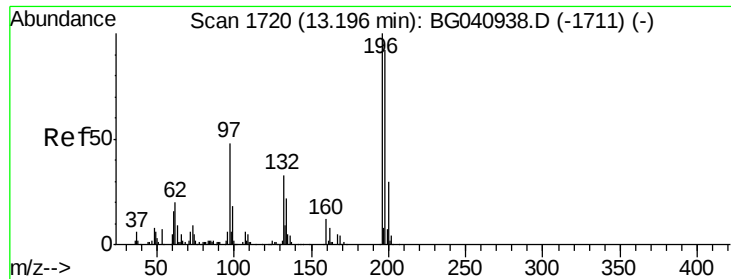
332 97.1 78.5 117.7

141 35.6 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

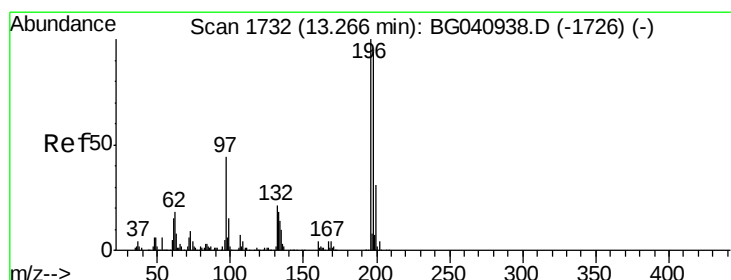
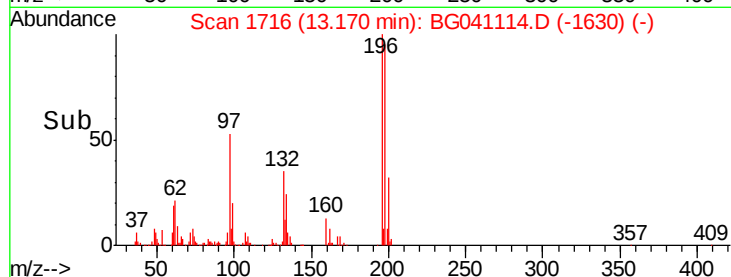
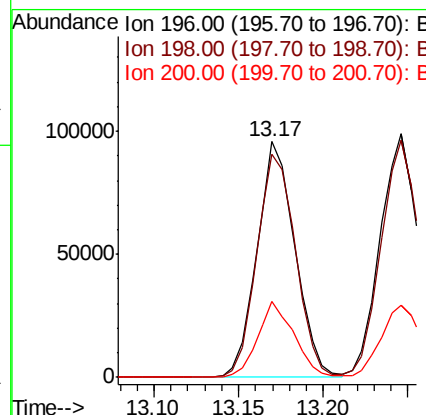
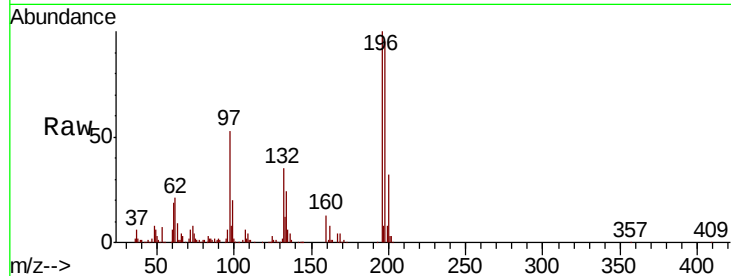




#43
 2,4,6-Trichlorophenol
 Concen: 45.588 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

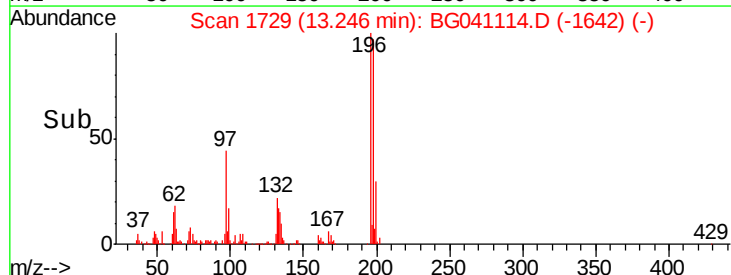
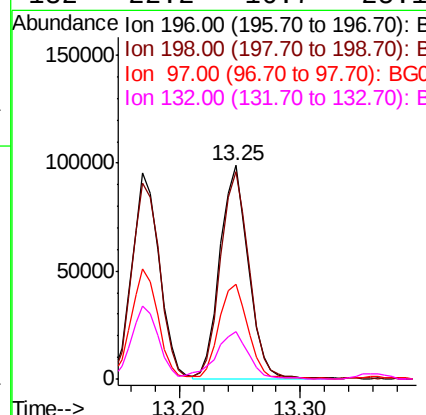
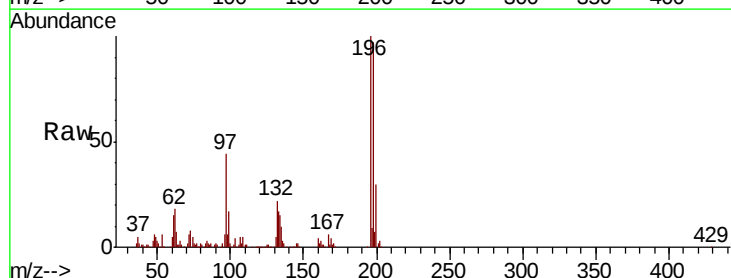
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	73.8	110.6
200	32.1	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.623 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.1	112.7
97	44.2	35.6	53.4
132	22.2	16.7	25.1

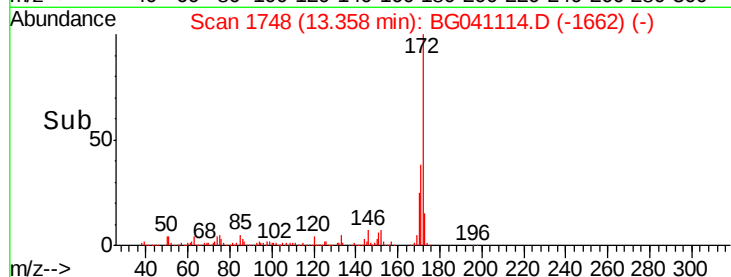
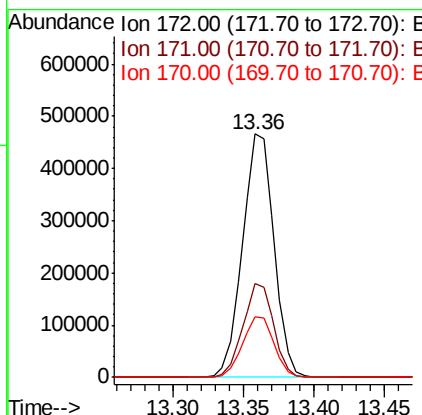
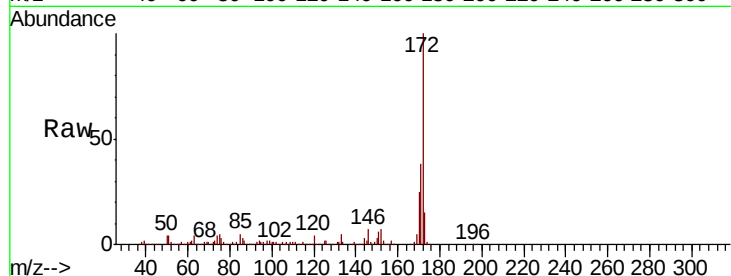




#45
2-Fluorobiphenyl
Concen: 83.291 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

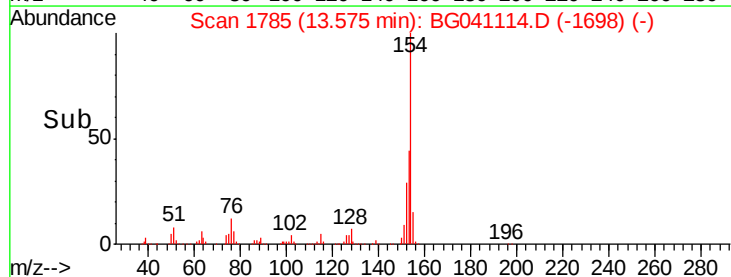
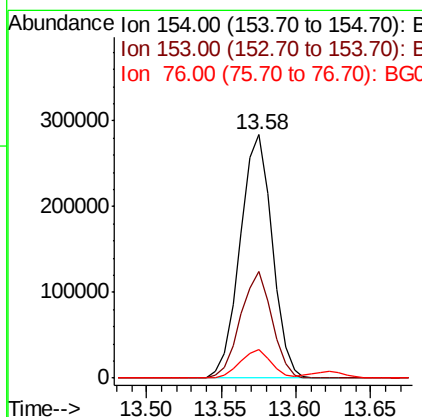
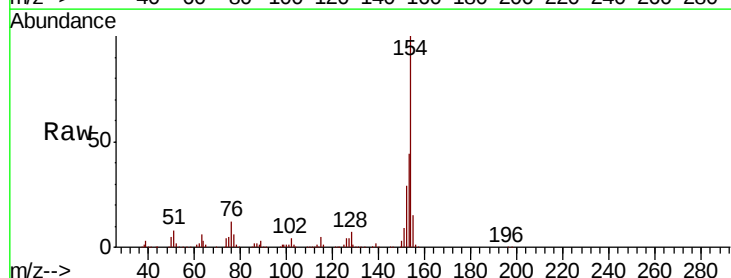
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

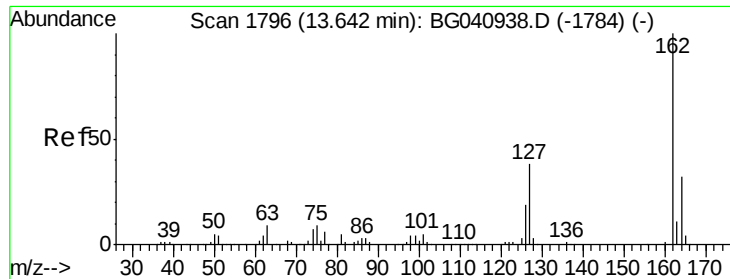
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.1	46.7
170	25.0	20.5	30.7



#46
1,1'-Biphenyl
Concen: 45.679 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	23.3	63.3
76	11.8	0.0	31.1

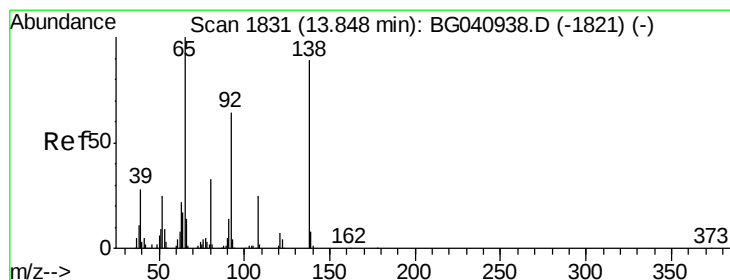
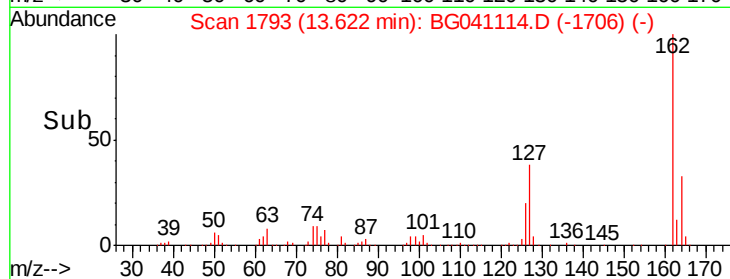
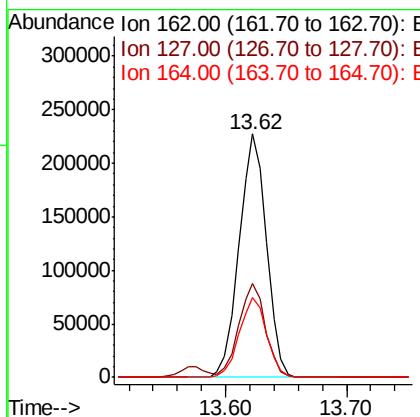
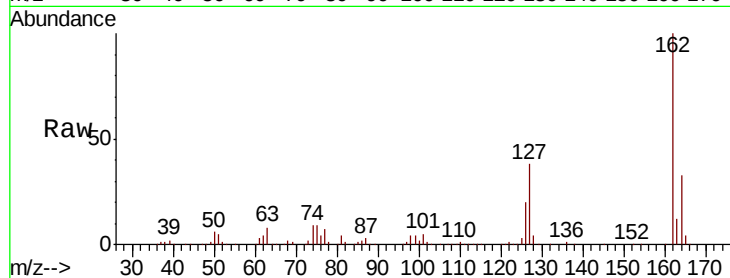




#47
 2-Chloronaphthalene
 Concen: 44.837 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

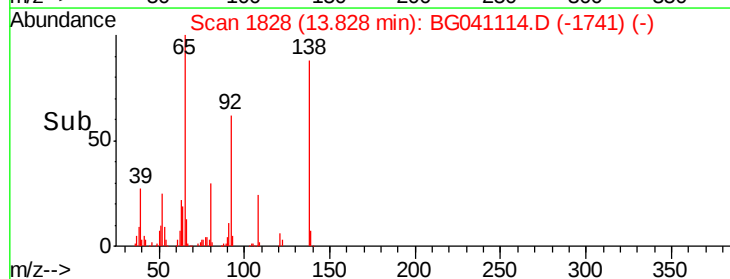
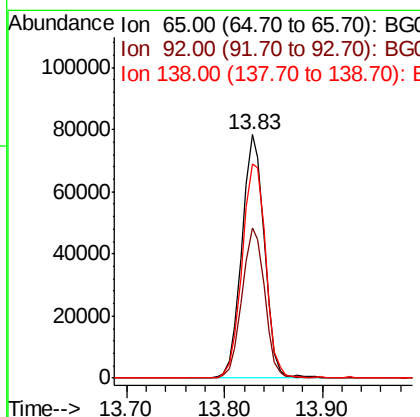
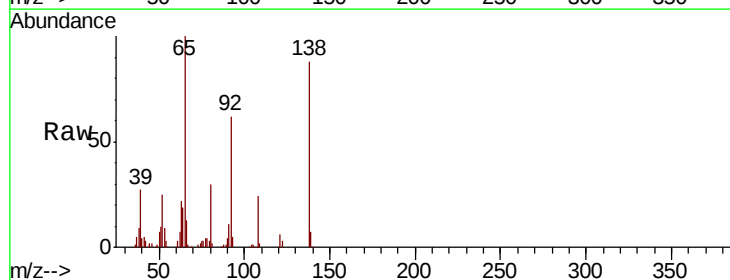
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BSD

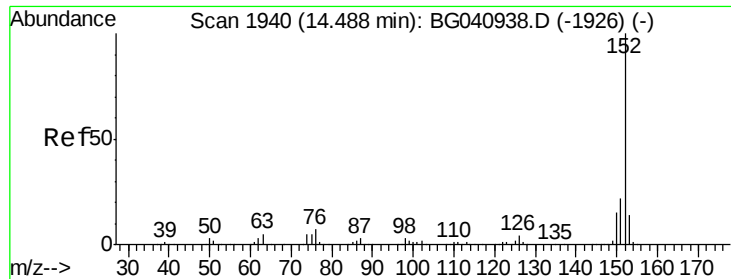
Tgt Ion: 162 Resp: 357776
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.5 45.7
 164 32.6 25.8 38.6



#48
 2-Nitroaniline
 Concen: 44.235 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

Tgt Ion: 65 Resp: 126629
 Ion Ratio Lower Upper
 65 100
 92 61.7 51.0 76.6
 138 88.2 71.2 106.8





#49

Acenaphthylene

Concen: 46.205 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

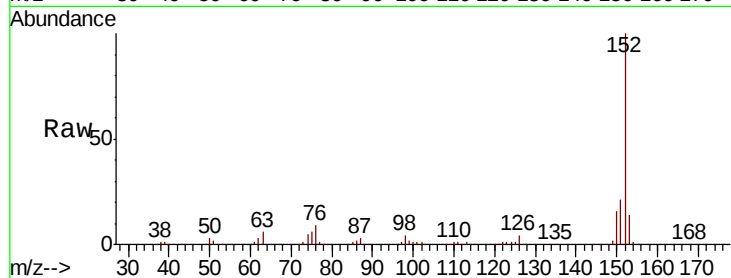
Tgt Ion:152 Resp: 554912

Ion Ratio Lower Upper

152 100

151 21.2 17.4 26.0

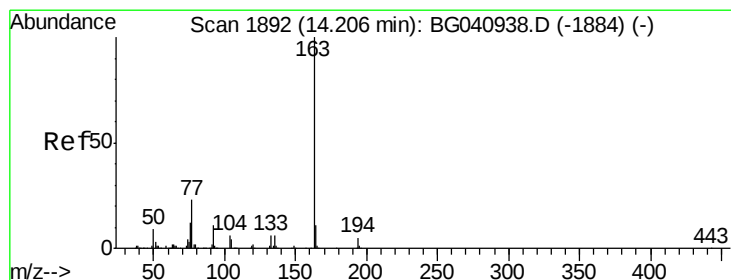
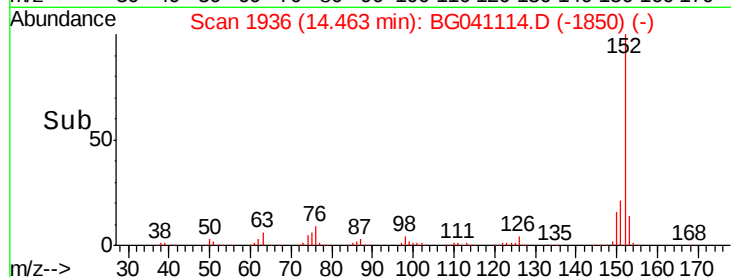
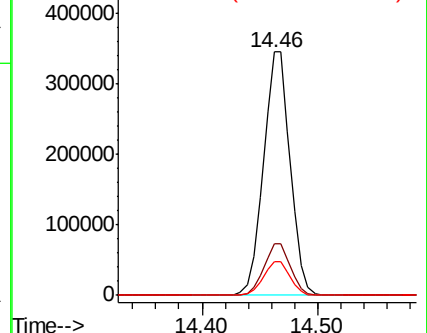
153 13.7 11.0 16.4



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: 44.836 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

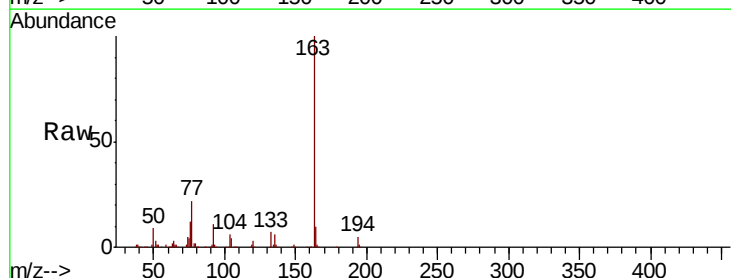
Tgt Ion:163 Resp: 476587

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

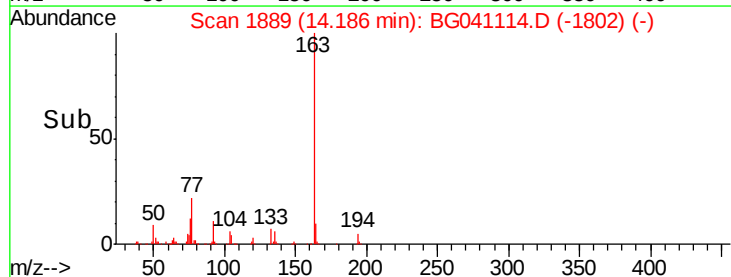
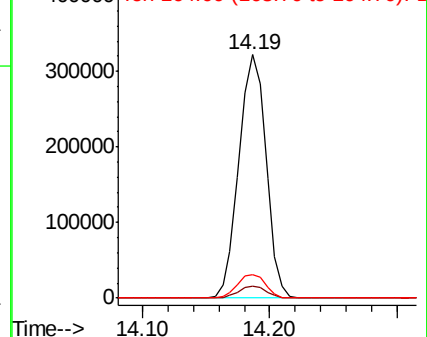
164 9.5 8.7 13.1

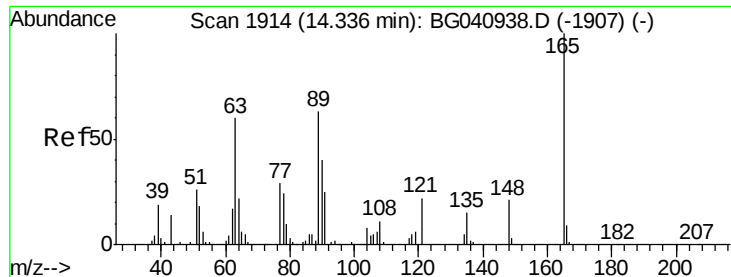


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

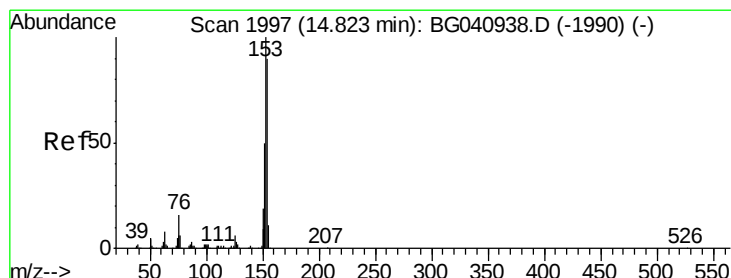
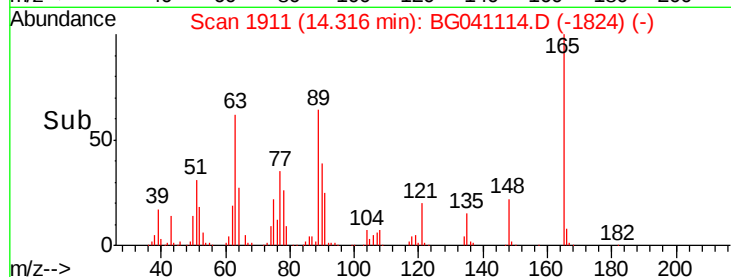
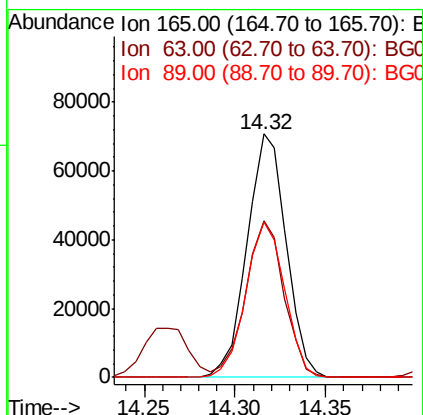
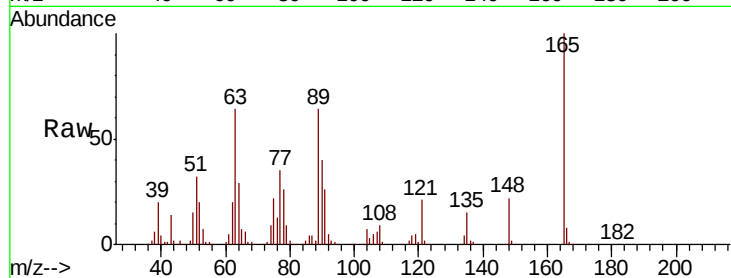




#51
2,6-Dinitrotoluene
Concen: 46.220 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

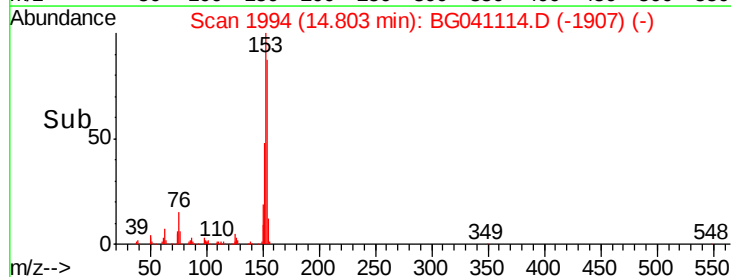
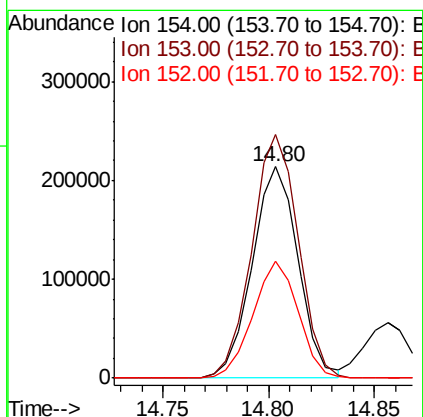
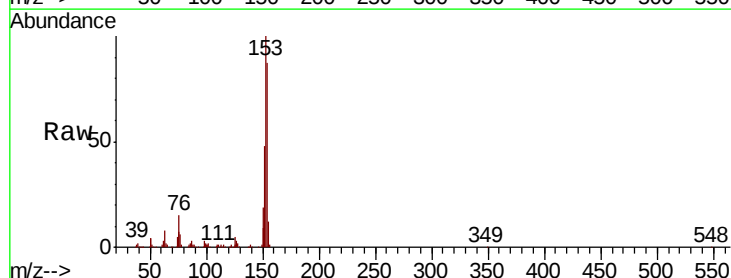
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion:165 Resp: 105928
Ion Ratio Lower Upper
165 100
63 64.3 53.6 80.4
89 63.7 50.4 75.6



#52
Acenaphthene
Concen: 44.487 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion:154 Resp: 323661
Ion Ratio Lower Upper
154 100
153 115.4 88.6 133.0
152 55.2 44.2 66.4





#53

3-Nitroaniline

Concen: 30.616 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

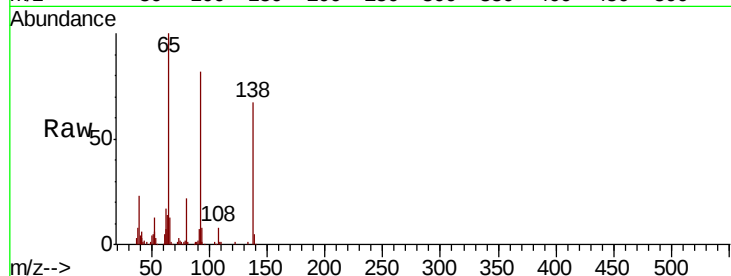
Tgt Ion:138 Resp: 70164

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

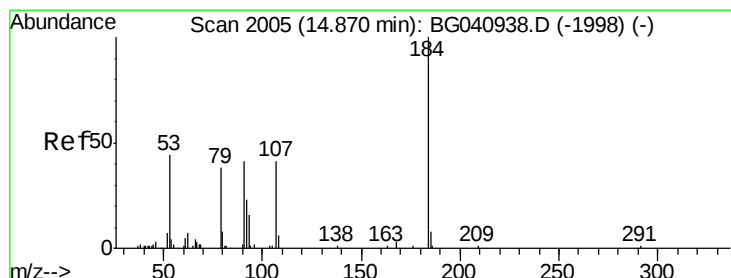
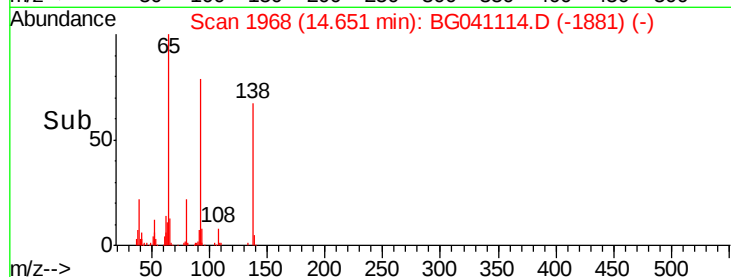
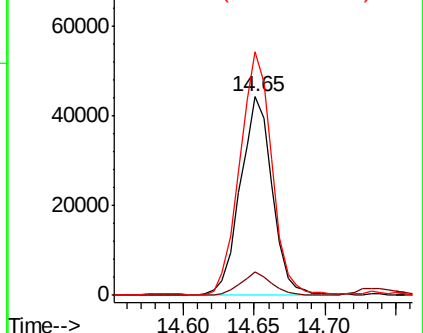
92 122.8 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 104.524 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

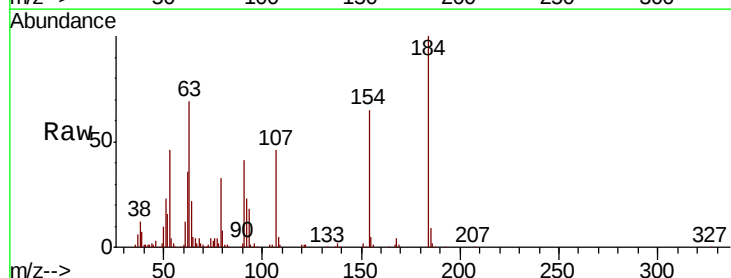
Tgt Ion:184 Resp: 141070

Ion Ratio Lower Upper

184 100

63 69.0 49.8 74.6

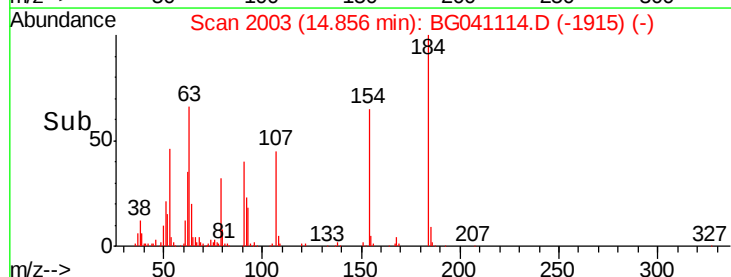
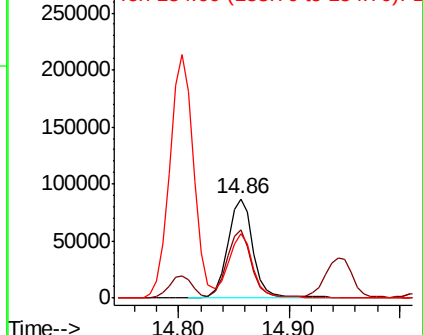
154 65.1 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

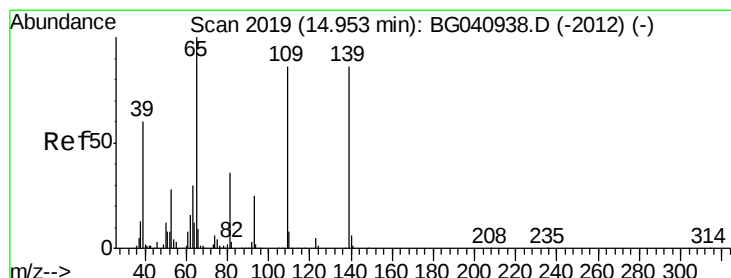
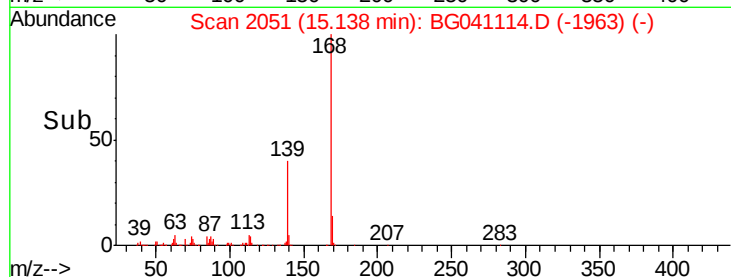
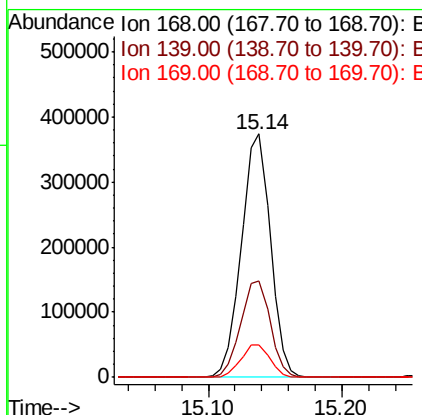
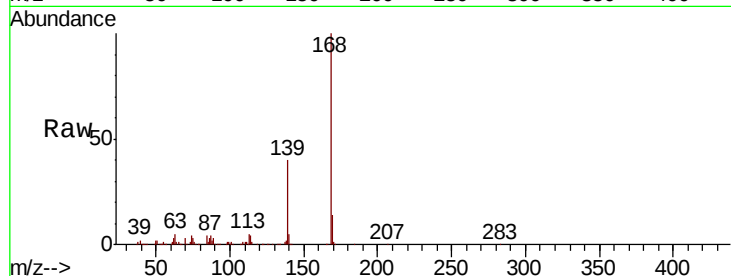




#55
Dibenzofuran
Concen: 45.894 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

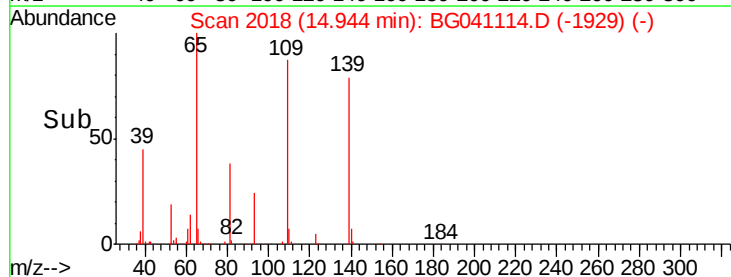
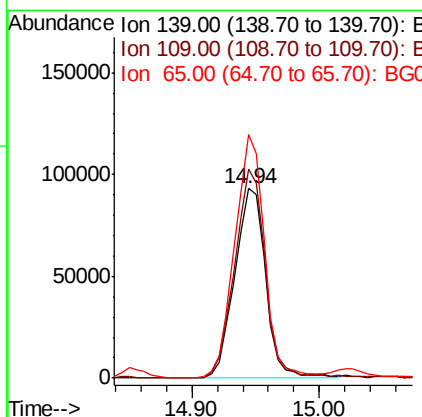
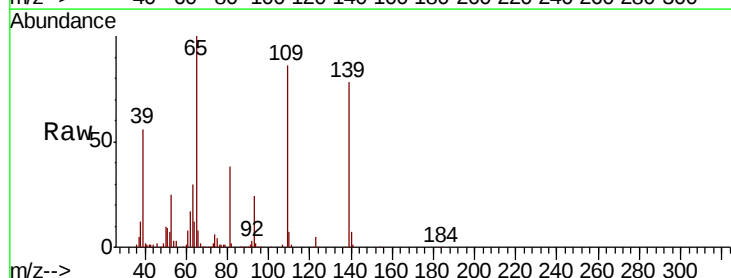
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.8	49.2
169	13.5	11.3	16.9



#56
4-Nitrophenol
Concen: 99.729 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.3	79.6	119.6
65	128.3	96.9	136.9

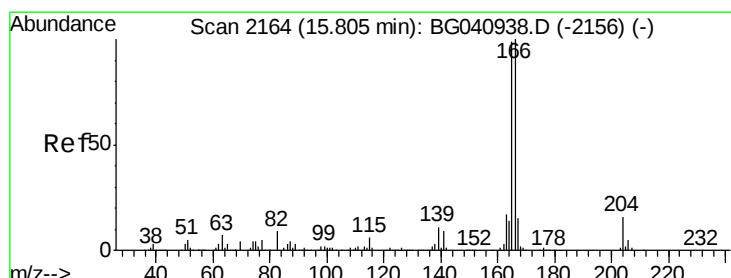
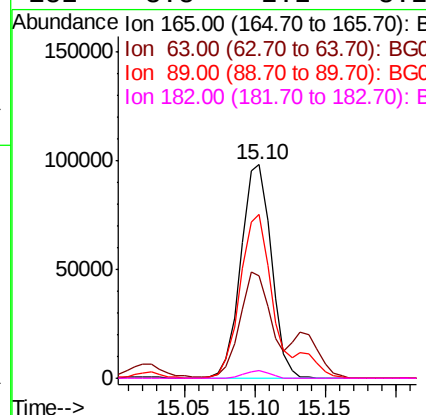
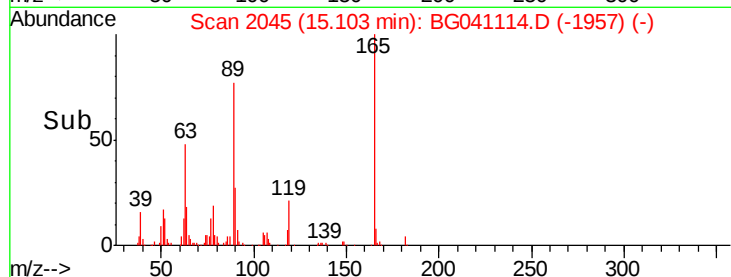
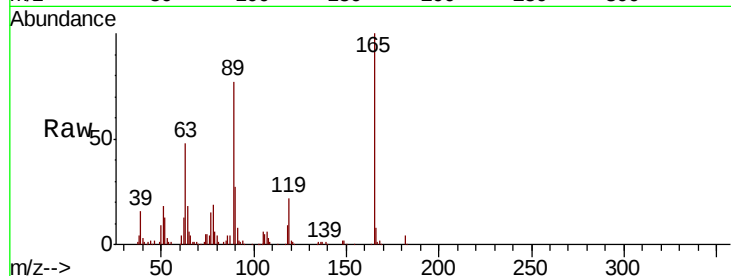




#57
2,4-Dinitrotoluene
Concen: 45.841 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

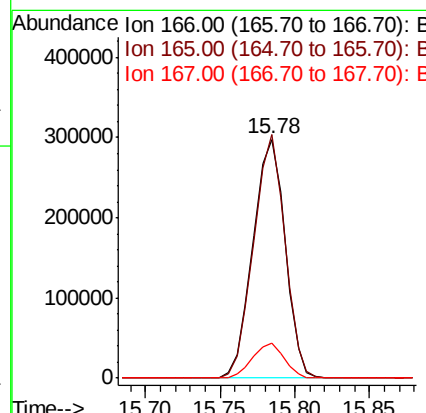
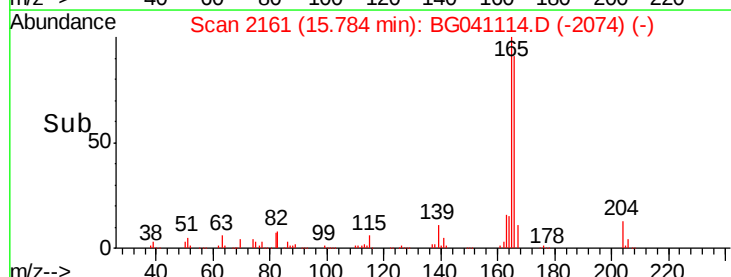
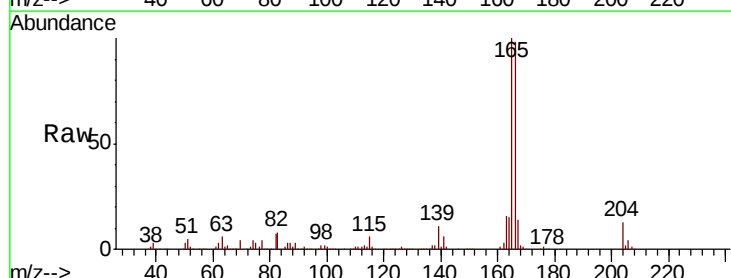
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.2	37.3	55.9
89	76.8	61.0	91.6
182	3.8	2.2	3.2#



#58
Fluorene
Concen: 45.431 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.2	118.8
167	14.5	11.8	17.6

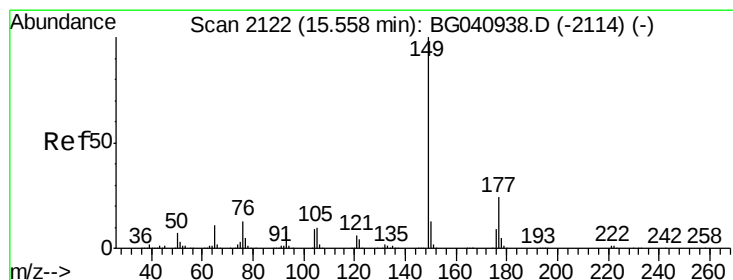
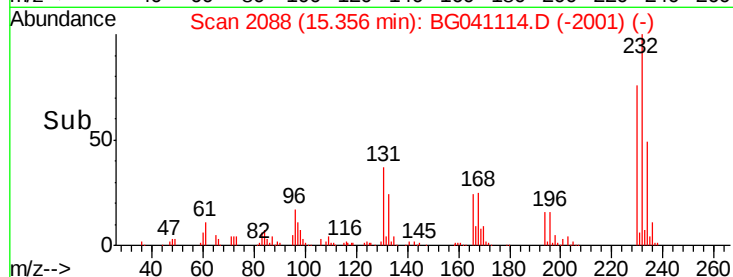
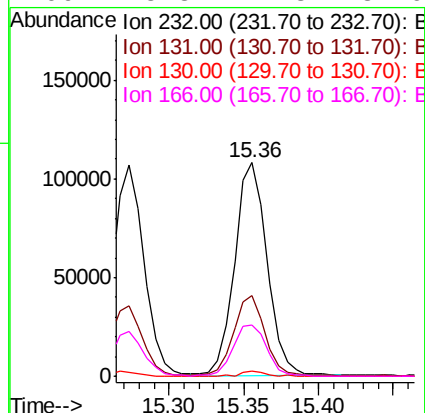
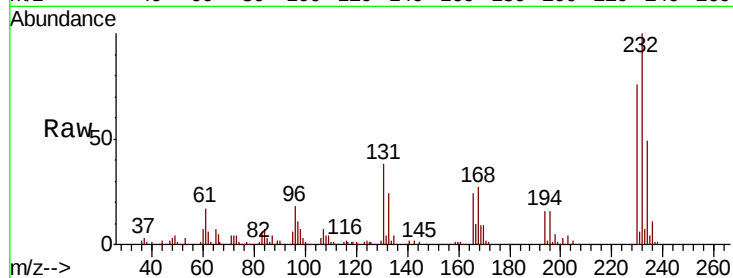




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.287 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

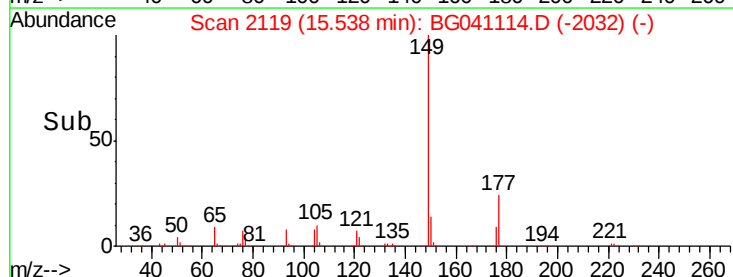
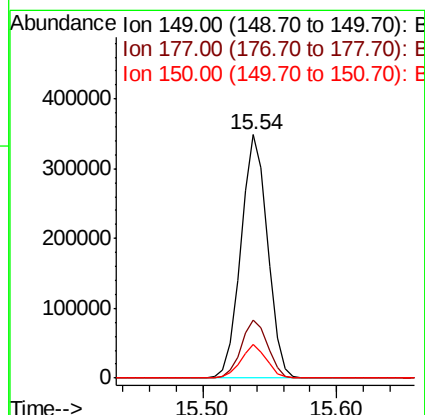
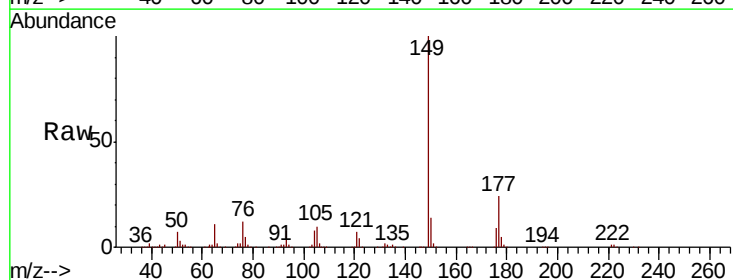
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BSD

Tgt Ion:	232	Resp:	163859
Ion	Ratio	Lower	Upper
232	100		
131	37.2	30.3	45.5
130	1.9	1.8	2.8
166	25.3	21.3	31.9



#60
 Diethylphthalate
 Concen: 44.126 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

Tgt Ion:	149	Resp:	478666
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.4	29.0
150	13.7	10.3	15.5

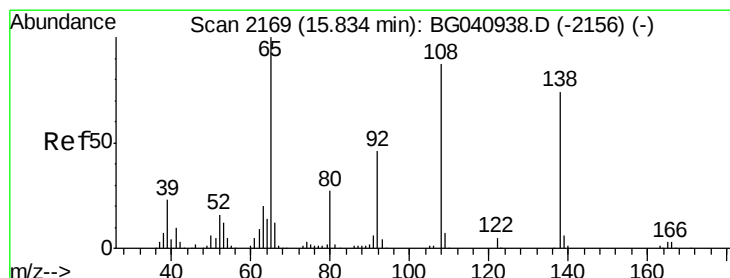
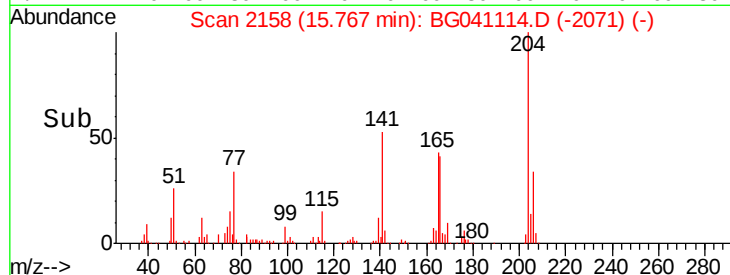
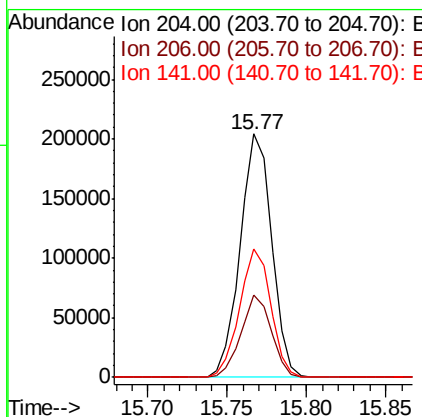
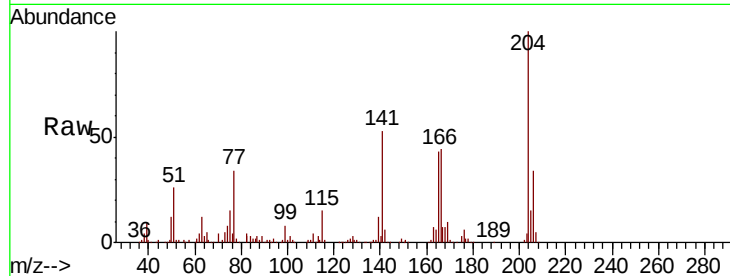




#61
4-Chlorophenyl-phenylether
Concen: 44.472 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

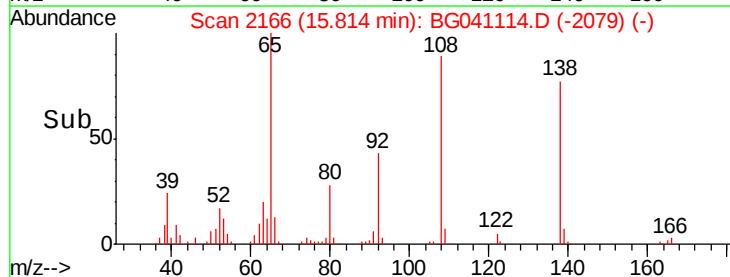
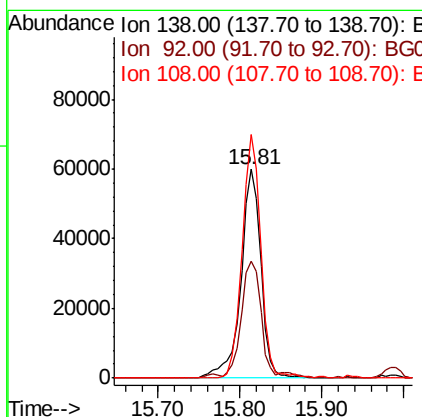
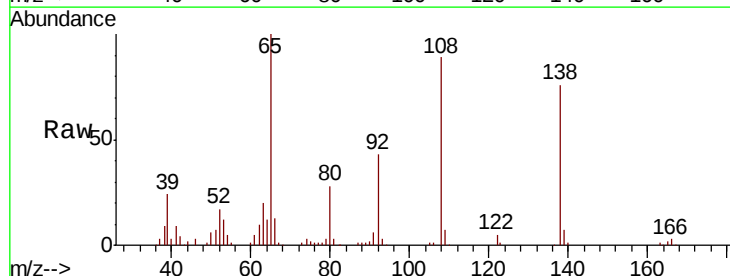
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

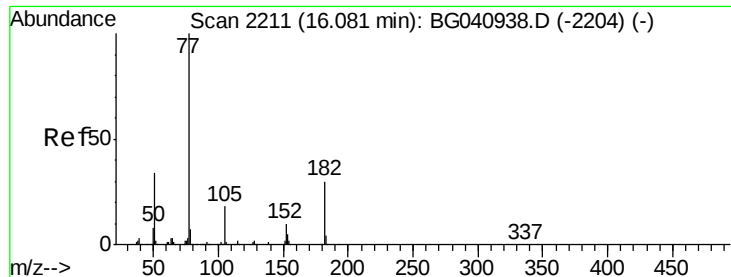
Tgt Ion: 204 Resp: 281812
Ion Ratio Lower Upper
204 100
206 33.7 27.6 41.4
141 52.9 45.1 67.7



#62
4-Nitroaniline
Concen: 41.989 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion: 138 Resp: 101874
Ion Ratio Lower Upper
138 100
92 56.2 42.4 82.4
108 116.8 96.9 136.9





#63

Azobenzene

Concen: 44.890 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

Tgt Ion: 77 Resp: 442592

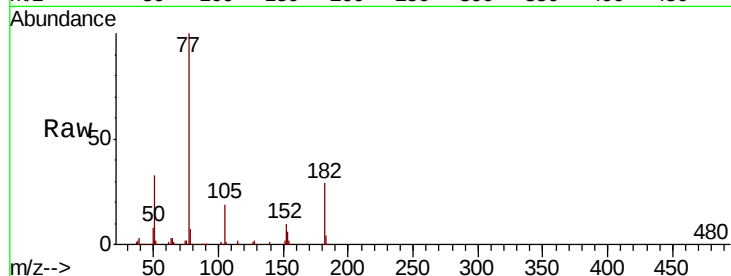
Ion Ratio Lower Upper

77 100

182 28.8 9.6 49.6

105 18.6 0.0 37.5

51 32.9 13.7 53.7

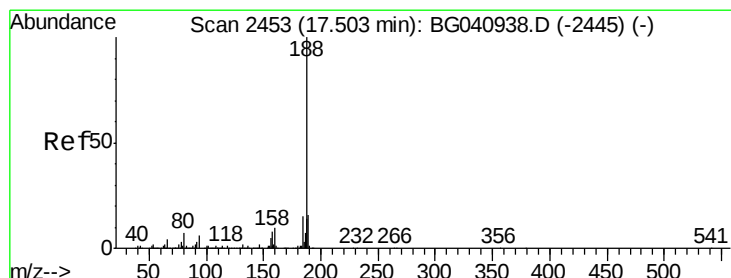
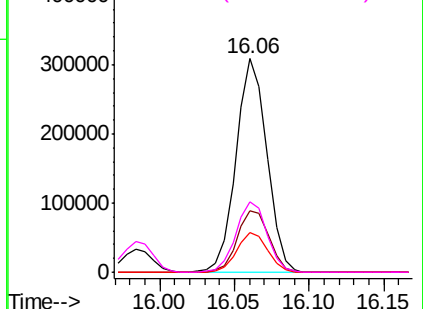
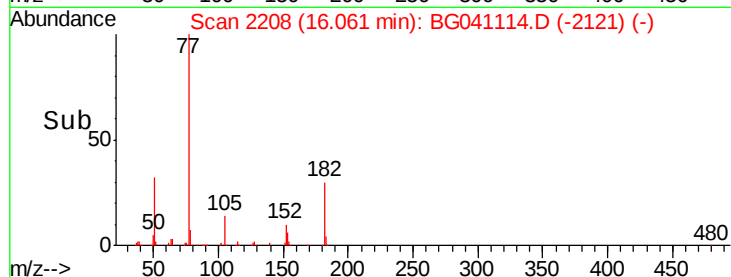


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2450

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

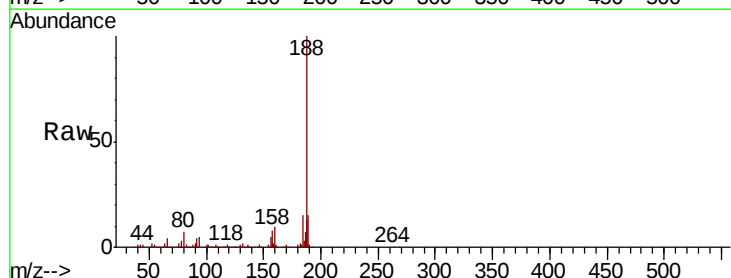
Tgt Ion: 188 Resp: 310283

Ion Ratio Lower Upper

188 100

94 5.5 4.7 7.1

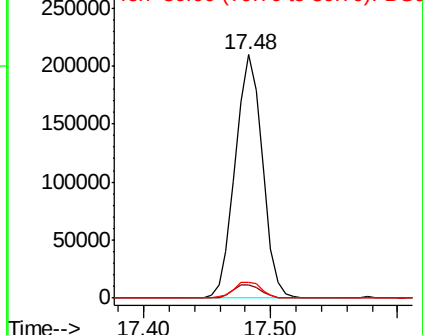
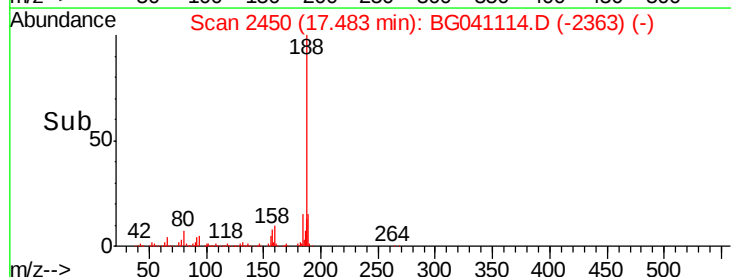
80 6.6 5.8 8.8

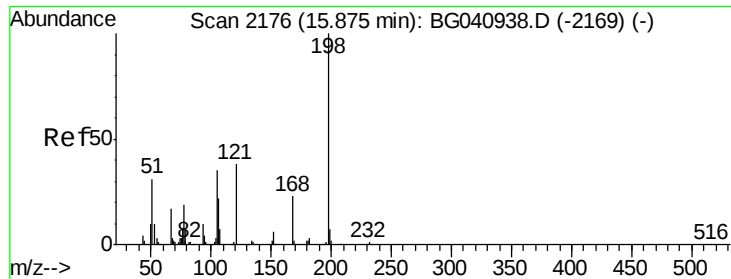


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

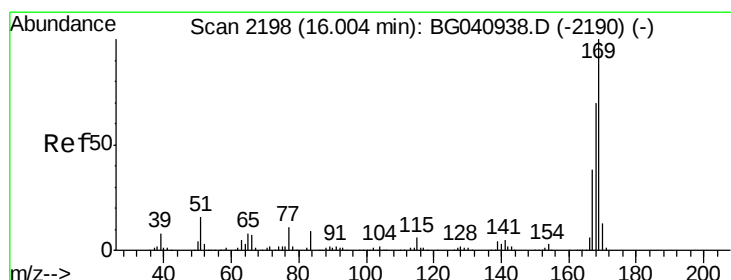
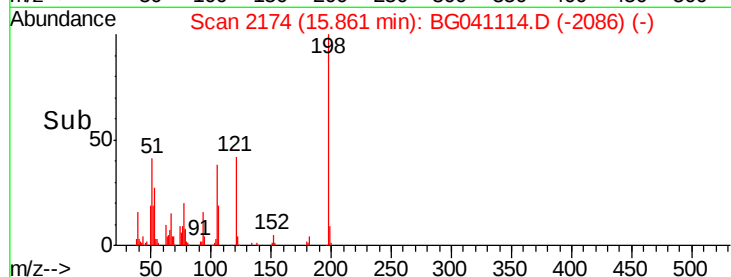
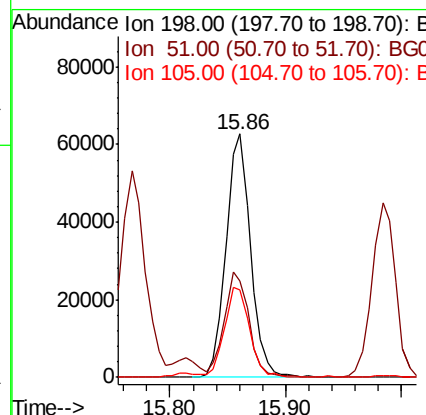
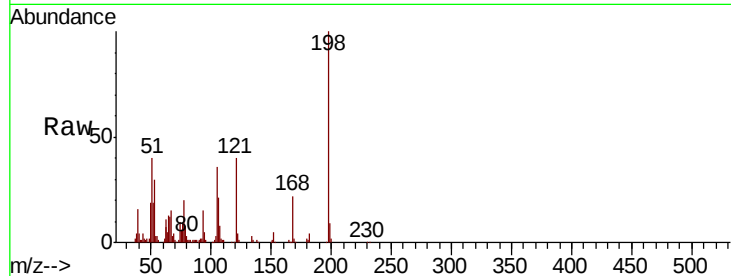




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.129 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

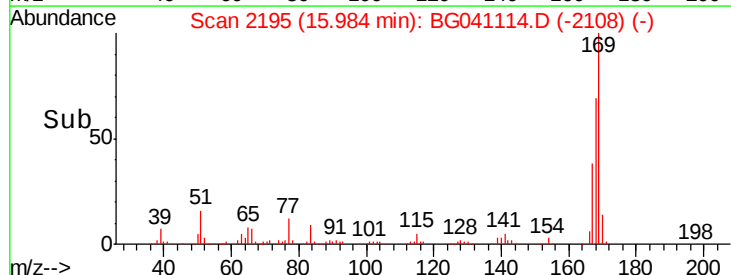
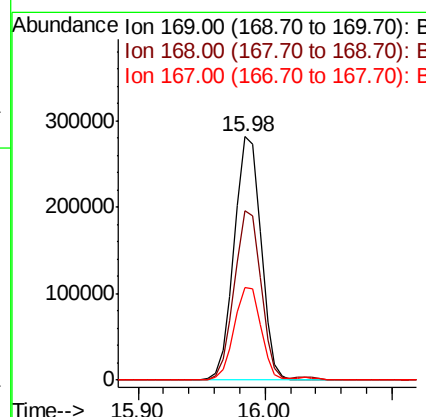
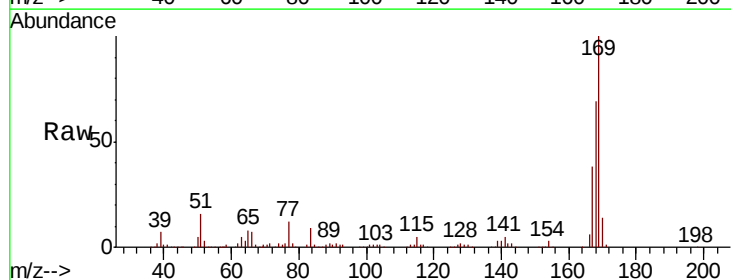
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BSD

Tgt Ion:198 Resp: 92221
 Ion Ratio Lower Upper
 198 100
 51 39.6 21.6 61.6
 105 36.2 17.5 57.5



#66
 n-Nitrosodiphenylamine
 Concen: 47.019 ng
 RT: 15.98 min Scan# 2195
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

Tgt Ion:169 Resp: 410118
 Ion Ratio Lower Upper
 169 100
 168 69.5 55.7 83.5
 167 38.3 30.2 45.2

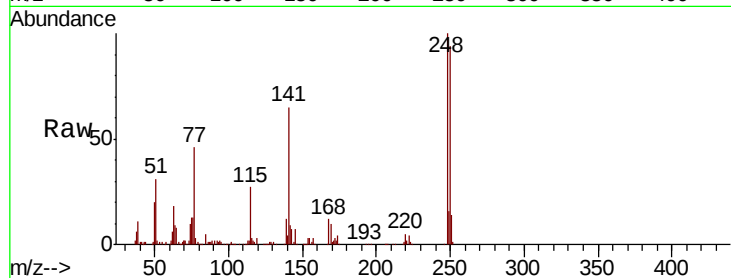




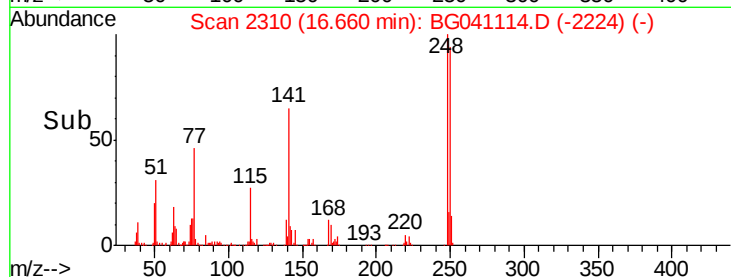
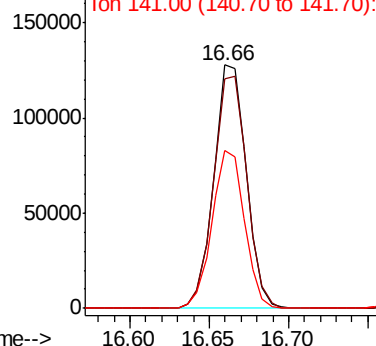
#67
4-Bromophenyl-phenylether
Concen: 43.321 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion:248 Resp: 181402
Ion Ratio Lower Upper
248 100
250 94.0 75.0 112.4
141 64.7 52.4 78.6

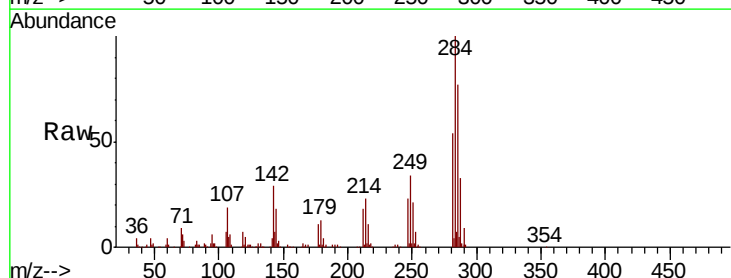


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

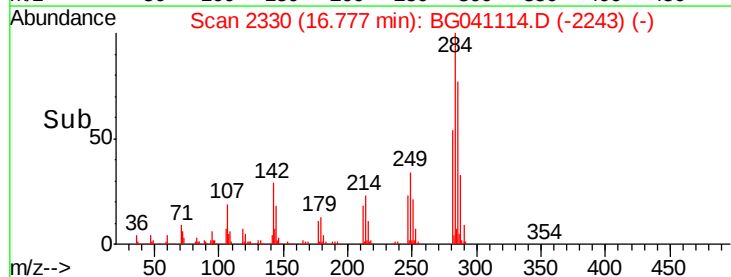
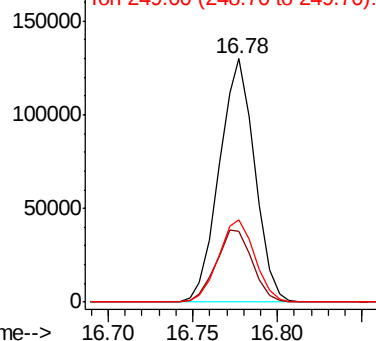


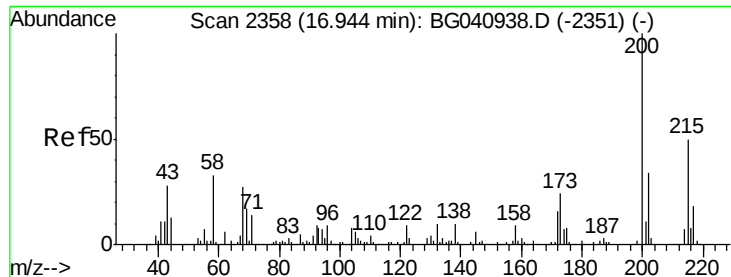
#68
Hexachlorobenzene
Concen: 42.283 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion:284 Resp: 188535
Ion Ratio Lower Upper
284 100
142 29.3 23.9 35.9
249 33.9 26.8 40.2



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

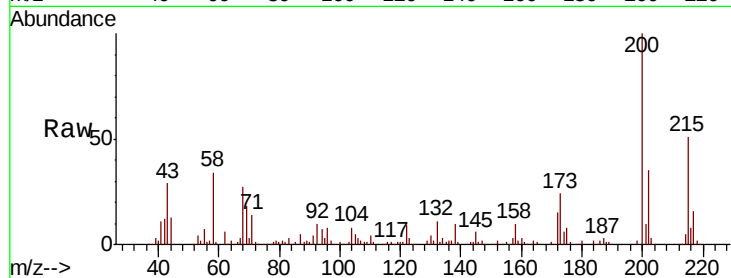




#69
Atrazine
Concen: 50.578 ng
RT: 16.92 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	3.6	43.6
215	51.0	29.6	69.6

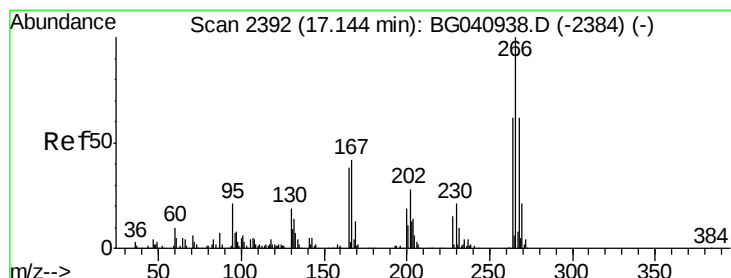
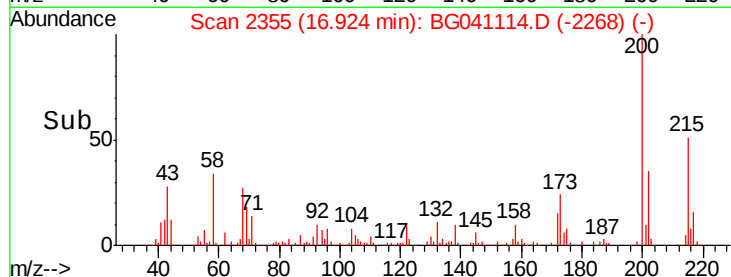
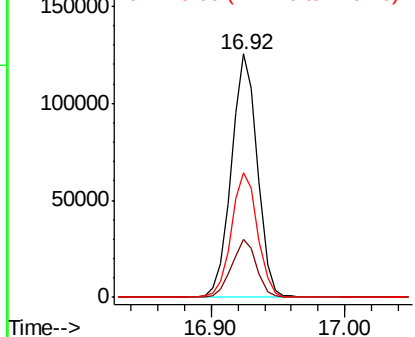


Abundance

Ion 200.00 (199.70 to 200.70): E

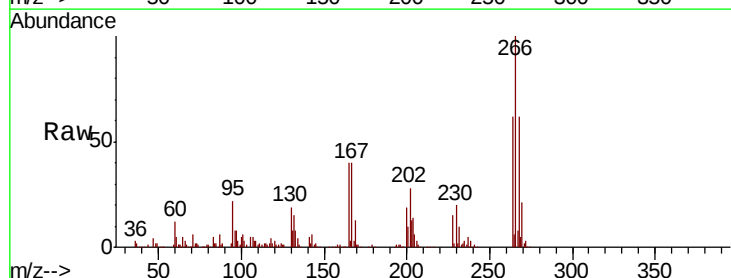
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 95.965 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	53.1	79.7
264	61.7	49.9	74.9

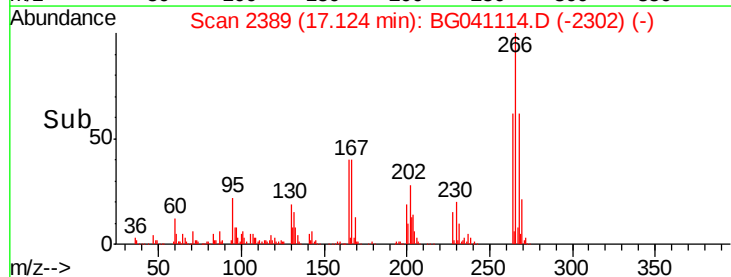
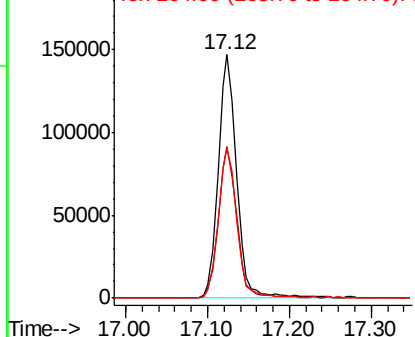


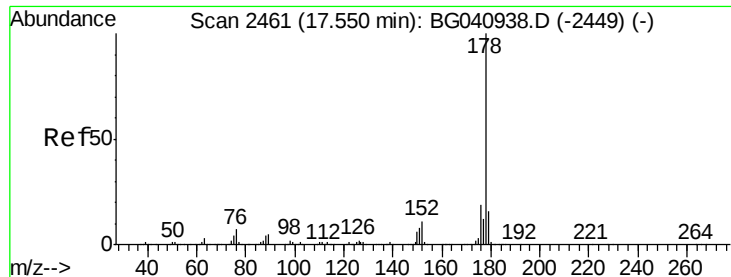
Abundance

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

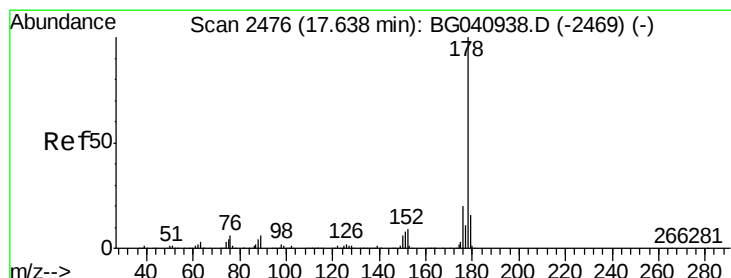
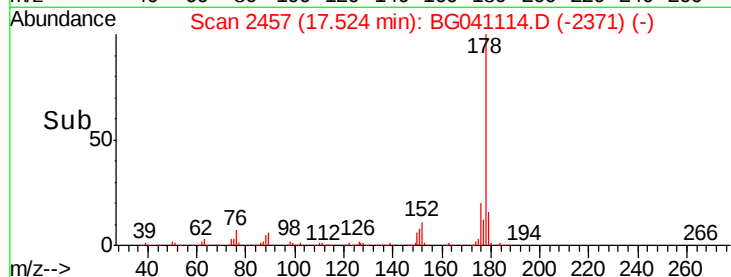
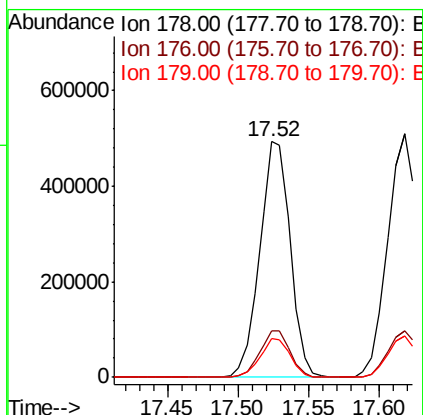
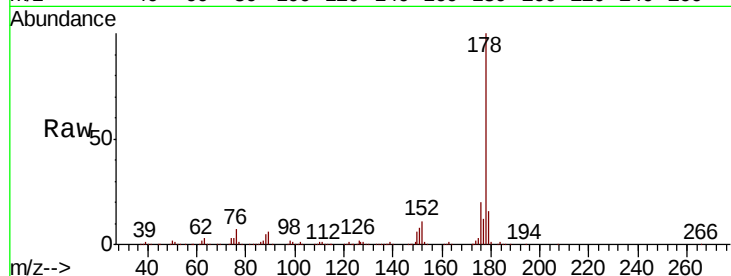




#71
Phenanthrene
Concen: 46.418 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.03 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

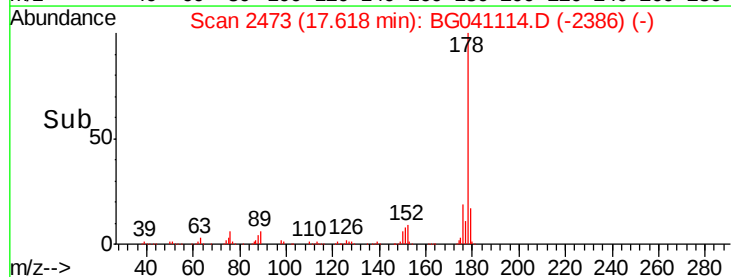
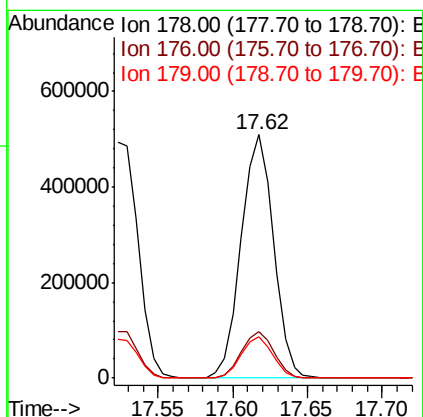
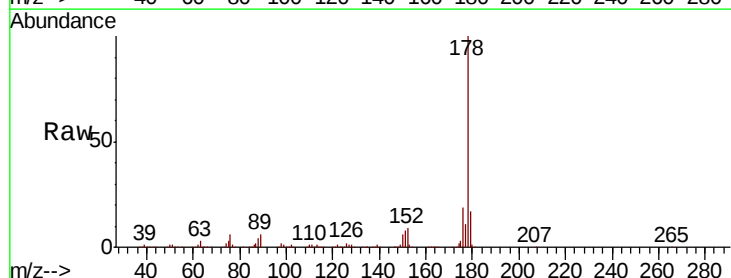
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

Tgt Ion:178 Resp: 750217
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.3 12.7 19.1



#72
Anthracene
Concen: 47.982 ng
RT: 17.62 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion:178 Resp: 764847
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.9 13.0 19.4

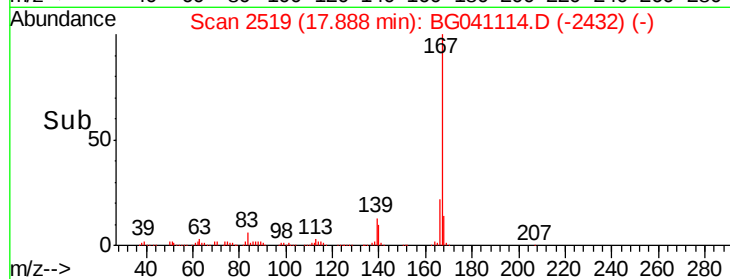
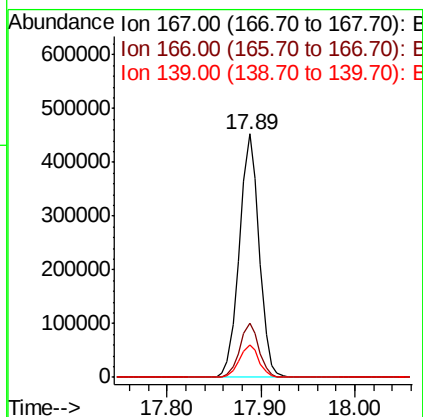
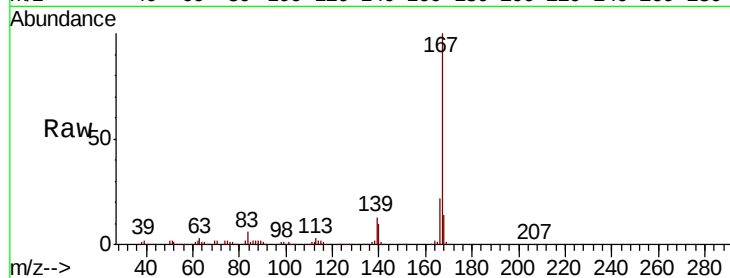




#73
 Carbazole
 Concen: 48.212 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

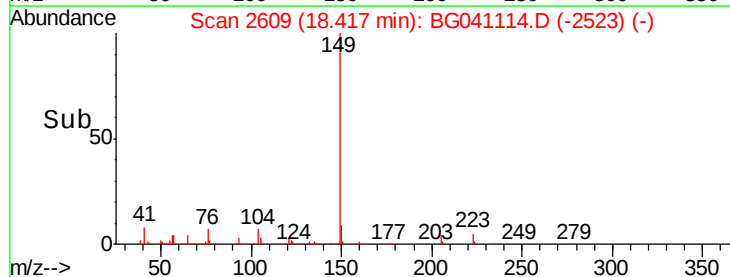
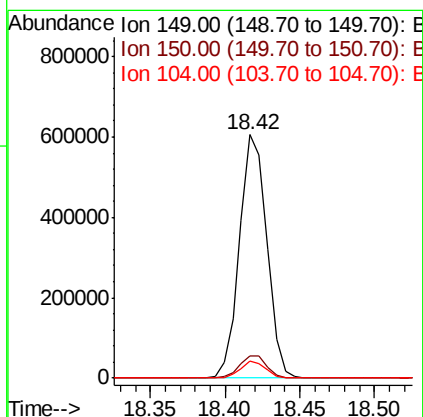
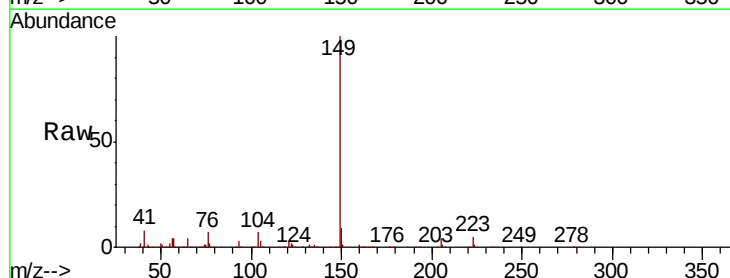
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BSD

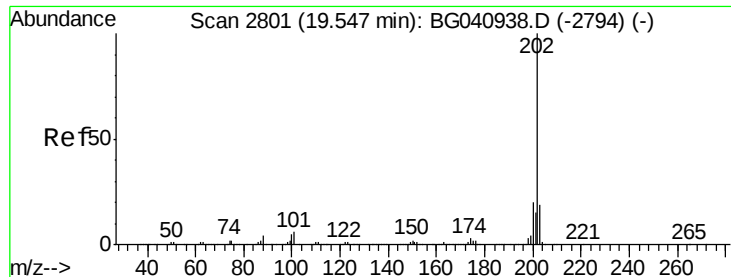
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 45.378 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BG041114.D
 Acq: 8 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 48.004 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

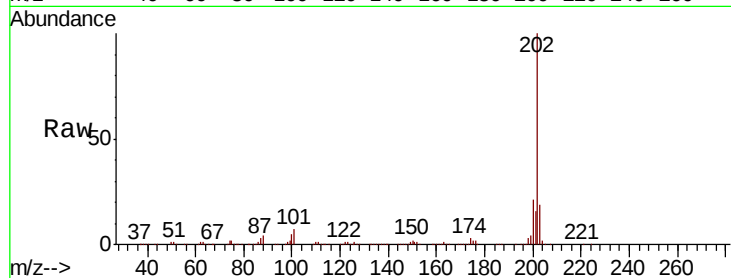
Tgt Ion:202 Resp: 958304

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.2

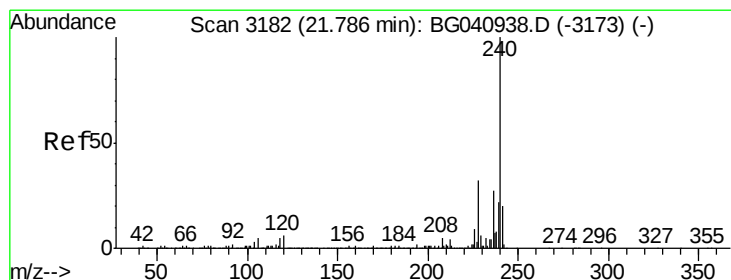
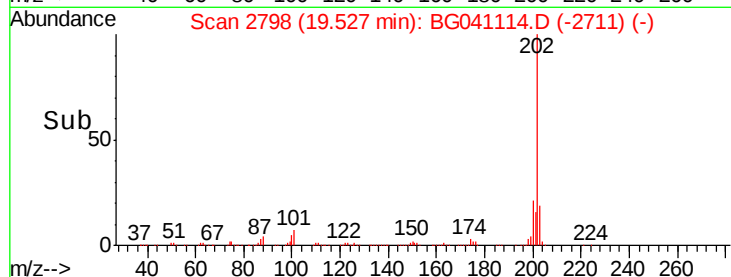
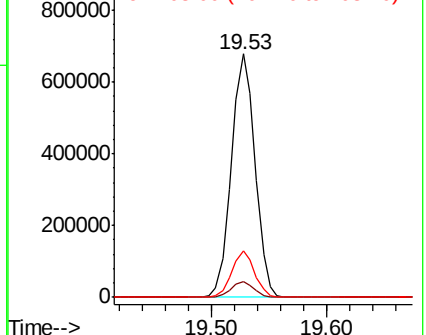
203 19.2 0.0 38.7



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. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

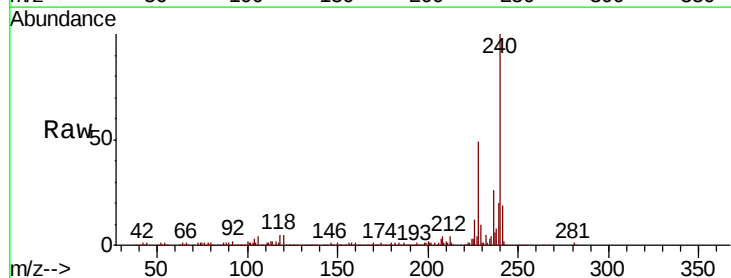
Tgt Ion:240 Resp: 306085

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

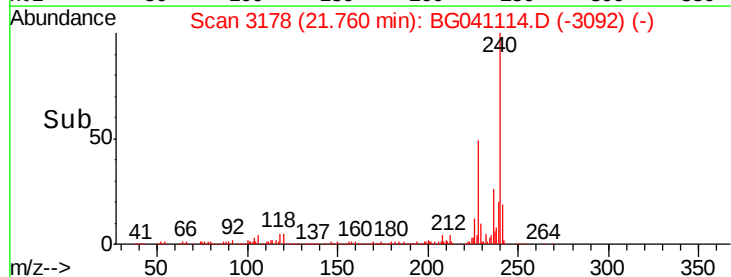
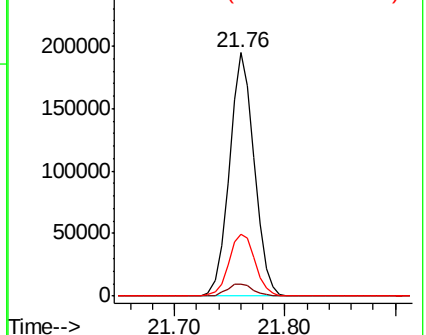
236 25.6 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.221 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

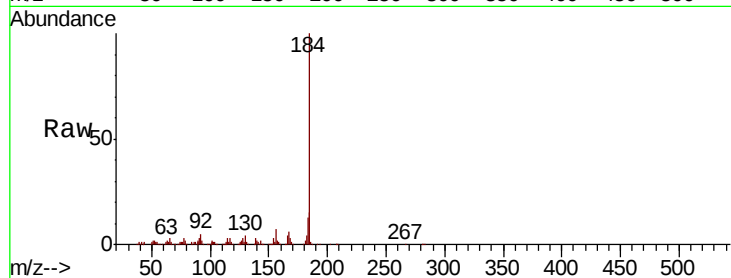
Tgt Ion:184 Resp: 381302

Ion Ratio Lower Upper

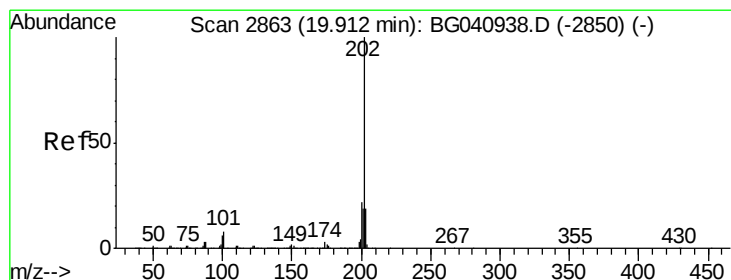
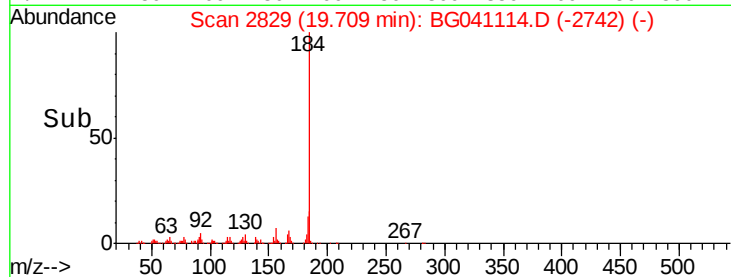
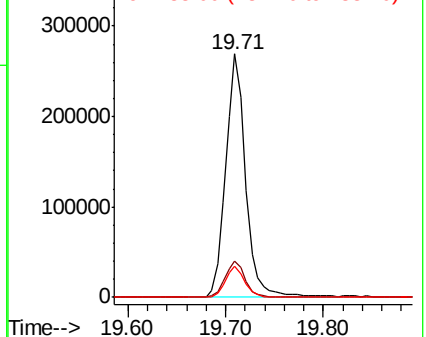
184 100

185 14.9 13.3 19.9

183 12.6 10.7 16.1



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: 48.246 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

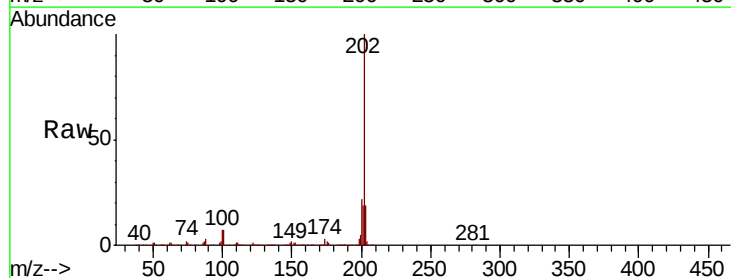
Tgt Ion:202 Resp: 959969

Ion Ratio Lower Upper

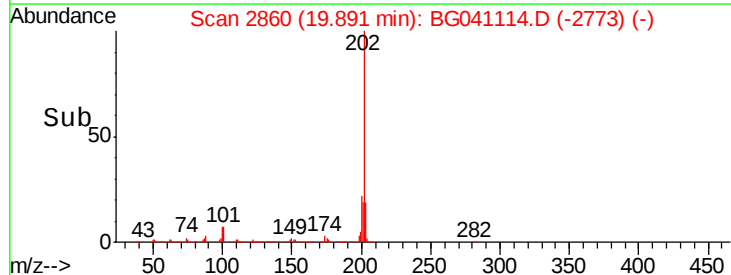
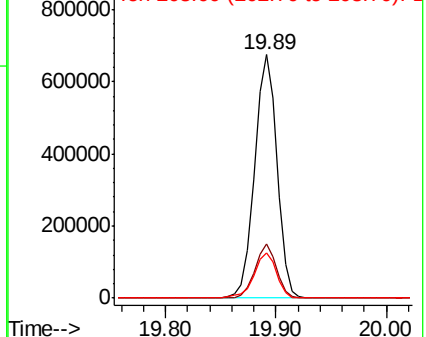
202 100

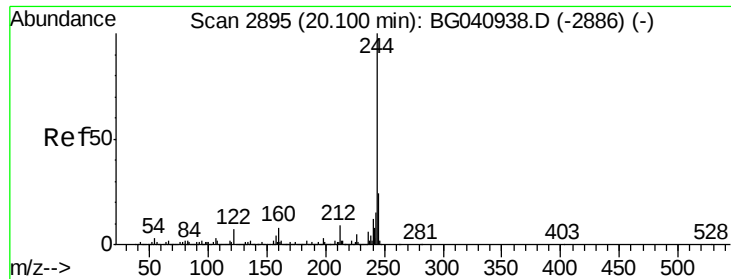
200 22.1 17.5 26.3

203 18.8 15.6 23.4



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: 87.948 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

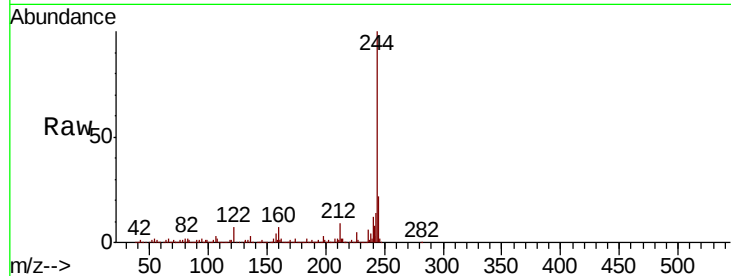
Tgt Ion:244 Resp: 1268384

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

122 6.7 5.4 8.0

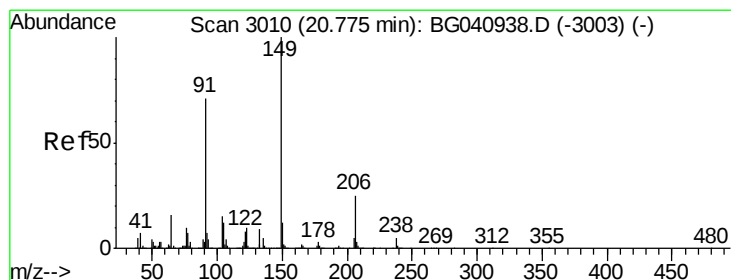
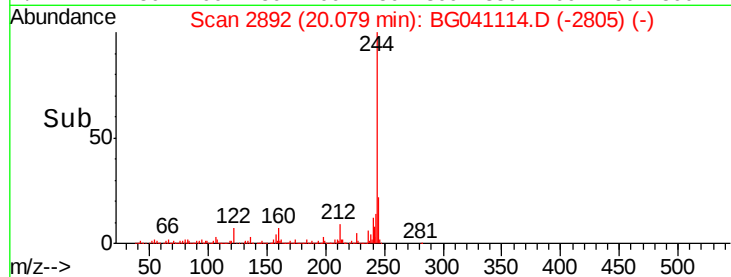
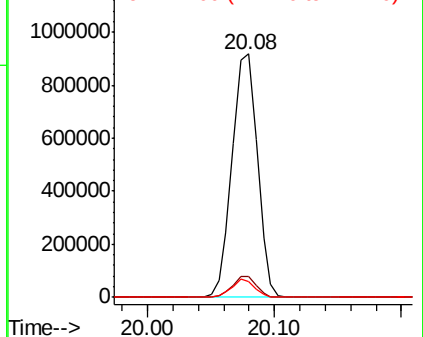


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.082 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

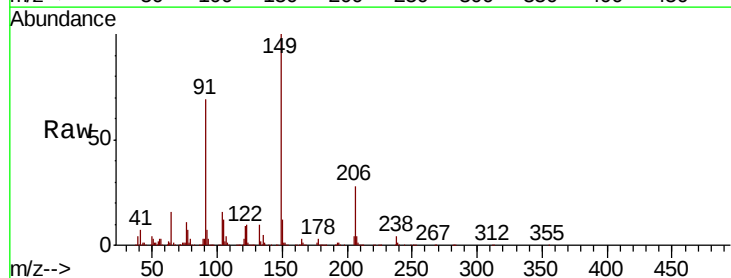
Tgt Ion:149 Resp: 356826

Ion Ratio Lower Upper

149 100

91 69.0 56.5 84.7

206 27.9 20.3 30.5

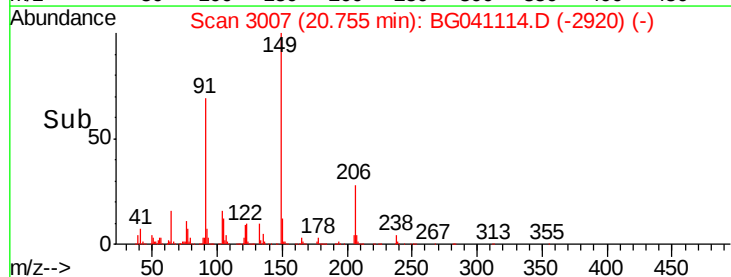
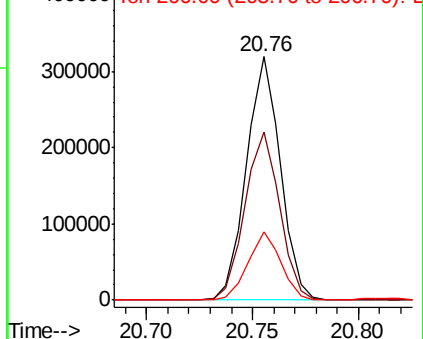


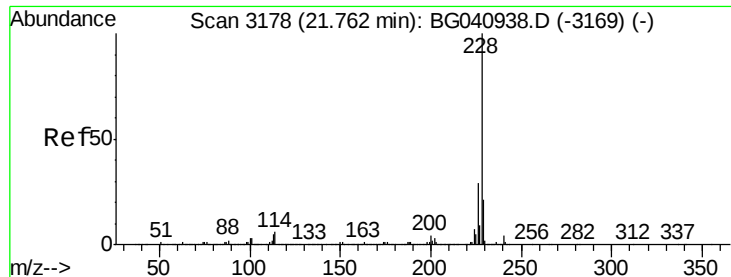
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.309 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

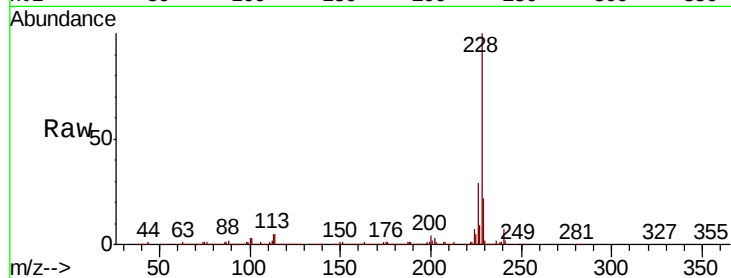
Tgt Ion:228 Resp: 923162

Ion Ratio Lower Upper

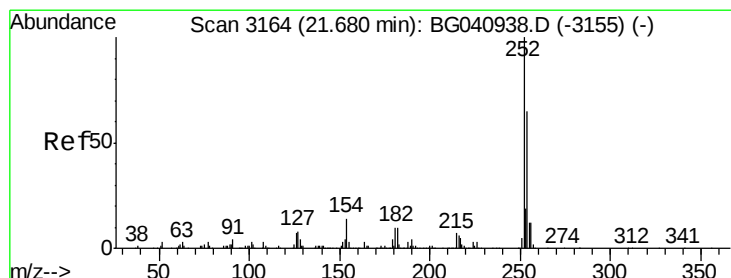
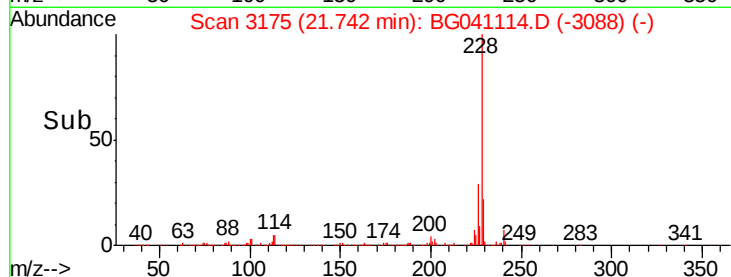
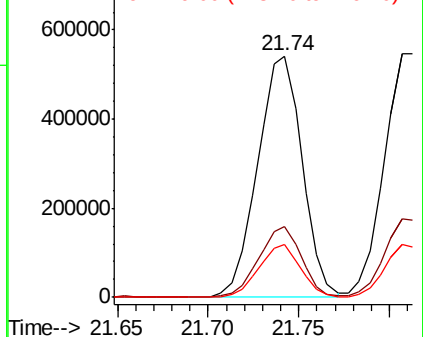
228 100

226 29.2 23.5 35.3

229 21.7 16.7 25.1



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



#82

3,3'-Dichlorobenzidine

Concen: 29.635 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

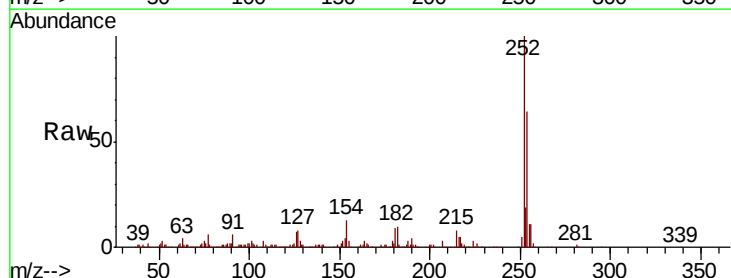
Tgt Ion:252 Resp: 212377

Ion Ratio Lower Upper

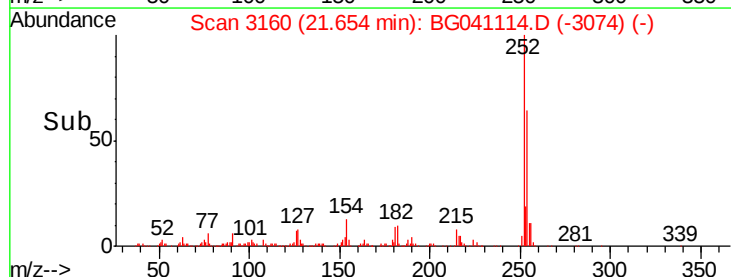
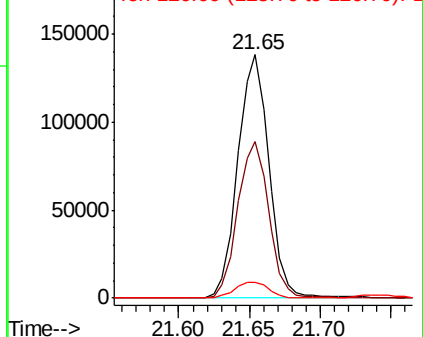
252 100

254 64.4 52.1 78.1

126 6.7 5.5 8.3



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





#83

Chrysene

Concen: 46.626 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

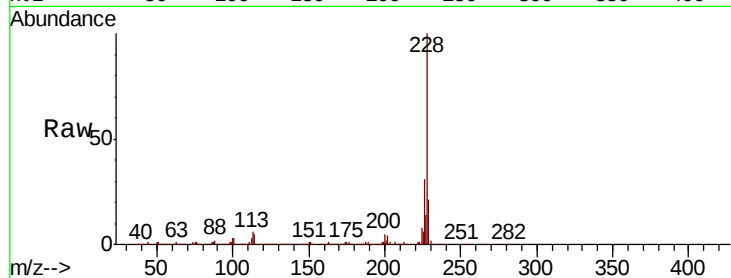
BNA_G

ClientSampleId :

PB120393BSD

Tgt Ion: 228 Resp: 909104

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	20.8	16.6	24.8

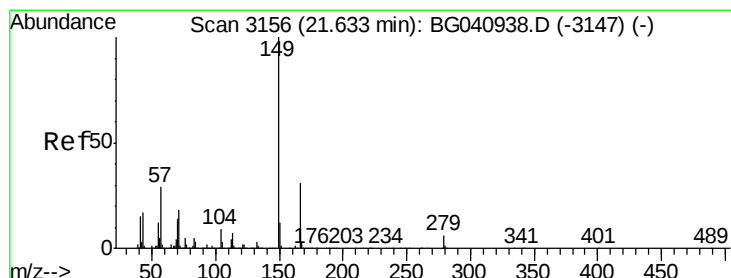
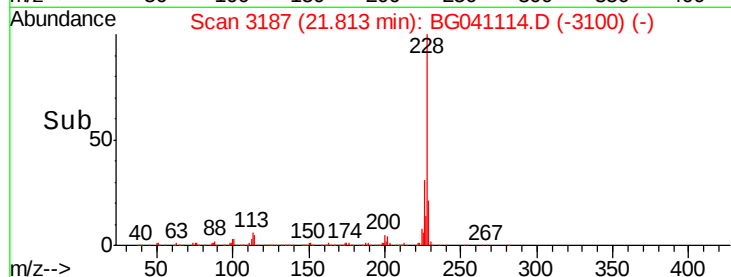
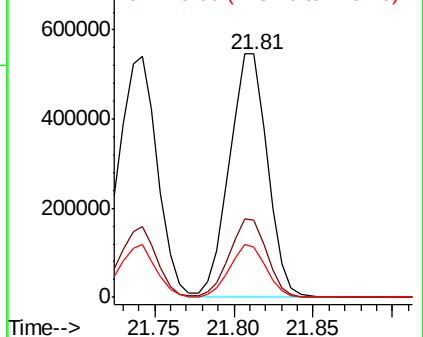


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.115 ng

RT: 21.61 min Scan# 3152

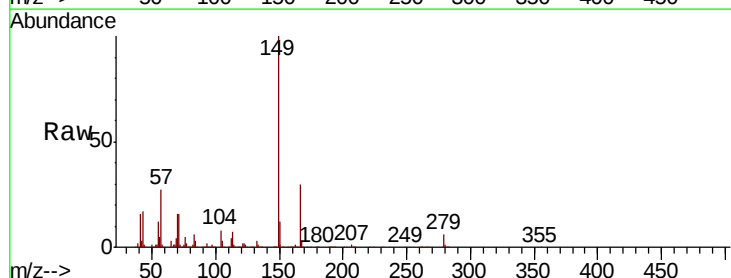
Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Tgt Ion: 149 Resp: 502664

Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.6	37.0
279	6.1	5.0	7.6

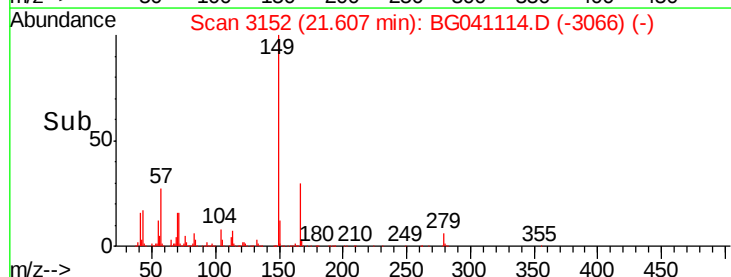
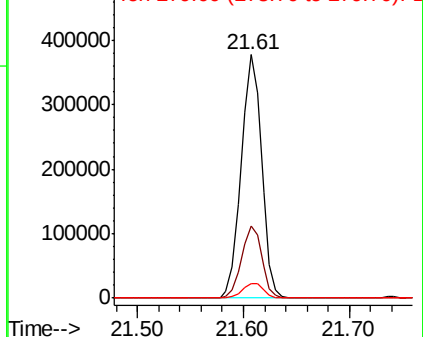


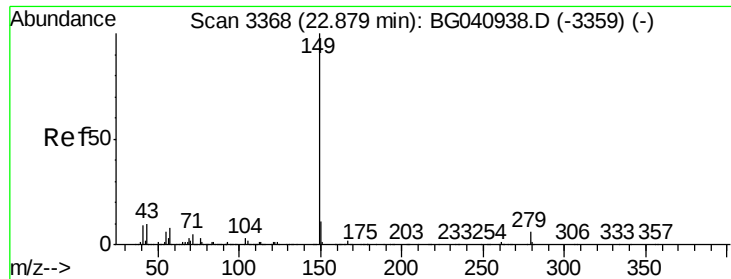
Abundance

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: 46.312 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

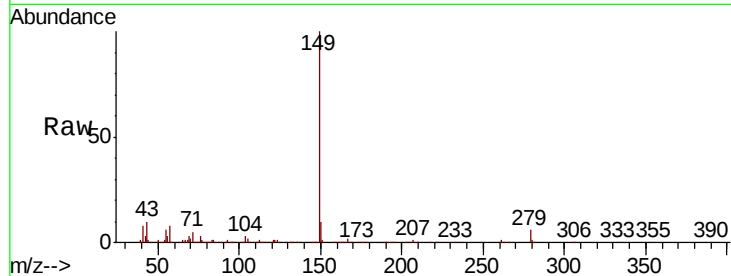
Tgt Ion:149 Resp: 840751

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

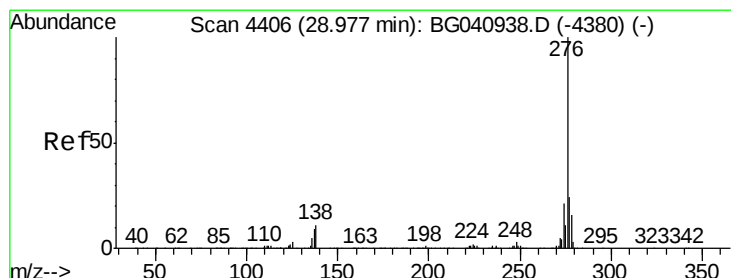
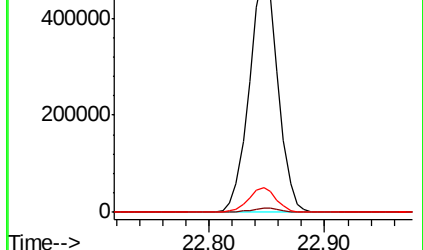
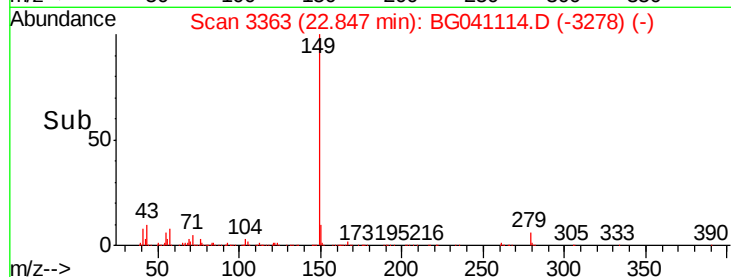
43 10.0 8.1 12.1



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: 46.251 ng

RT: 28.92 min Scan# 4396

Delta R.T. -0.06 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

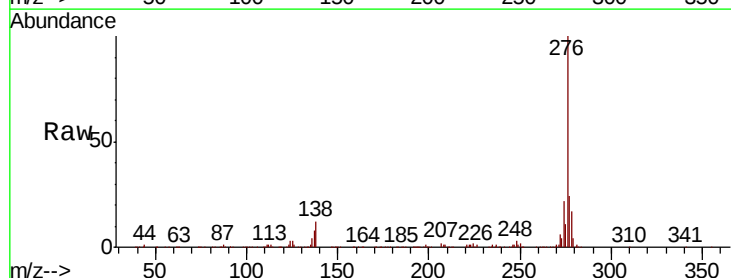
Tgt Ion:276 Resp: 1104691

Ion Ratio Lower Upper

276 100

138 9.6 5.7 8.5#

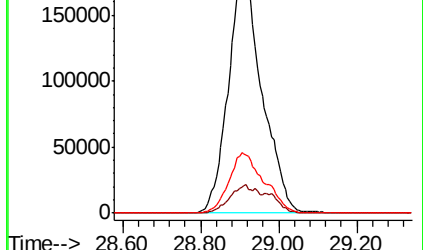
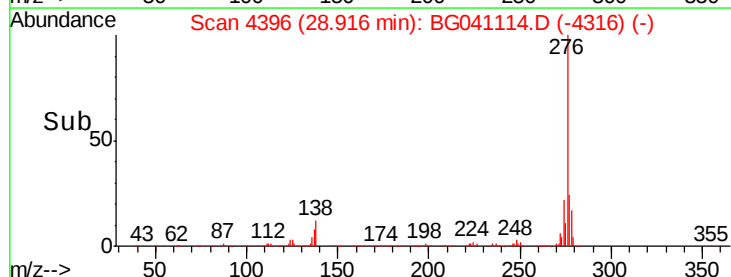
277 25.7 20.8 31.2

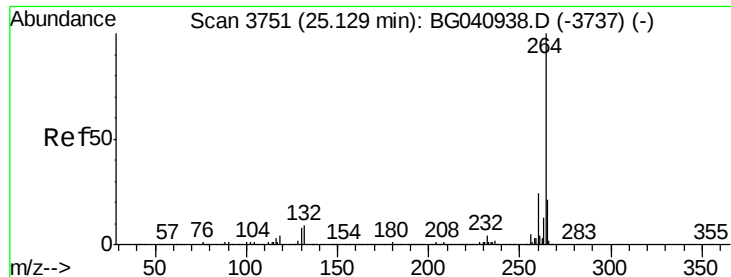


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. -0.04 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

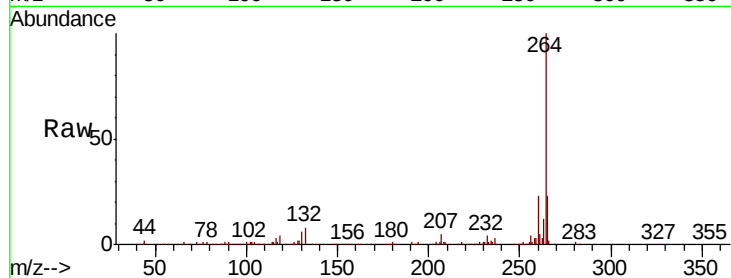
Tgt Ion:264 Resp: 321726

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

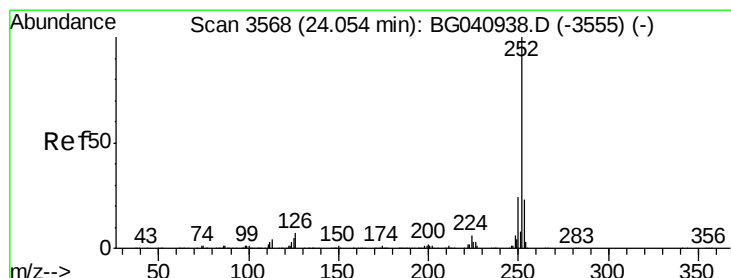
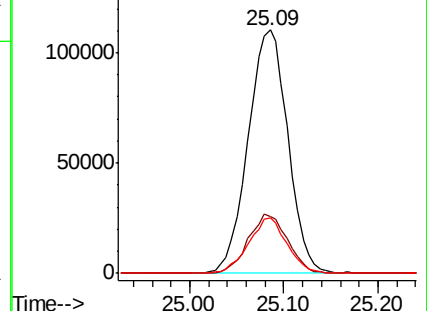
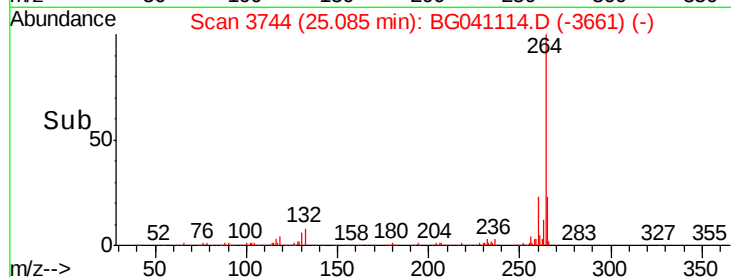
265 22.7 17.0 25.4



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: 48.665 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.03 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

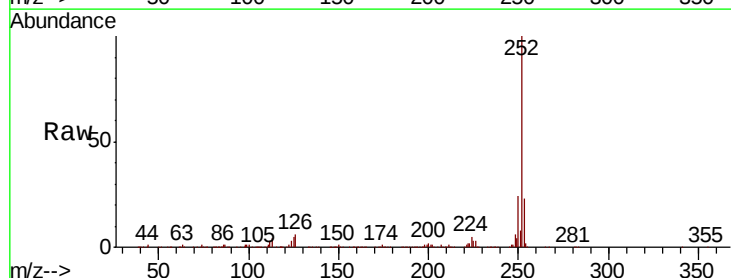
Tgt Ion:252 Resp: 949639

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

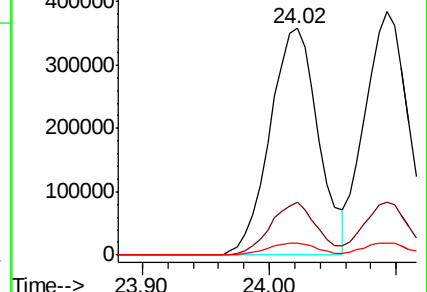
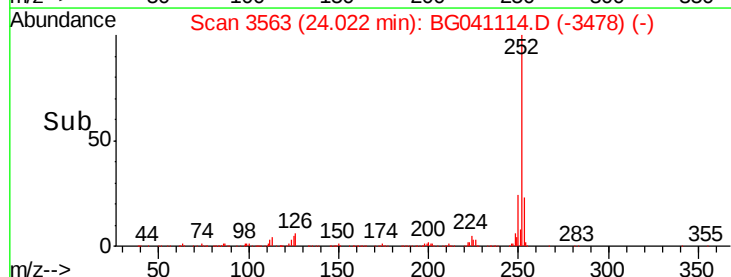
125 5.3 4.3 6.5

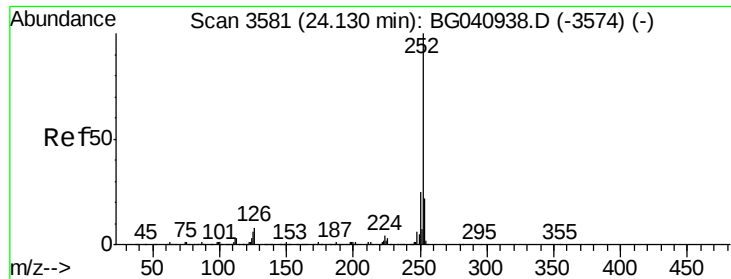


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

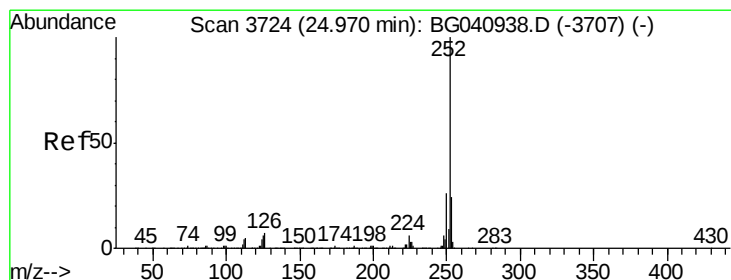
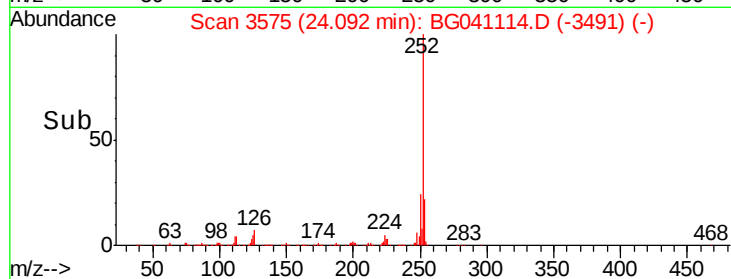
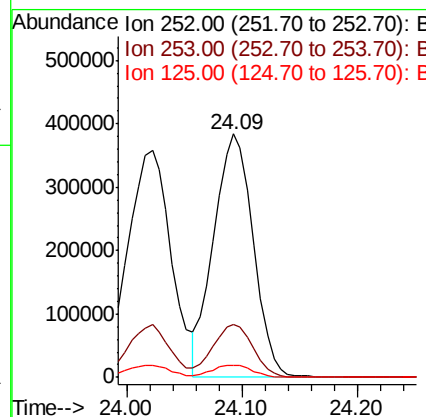
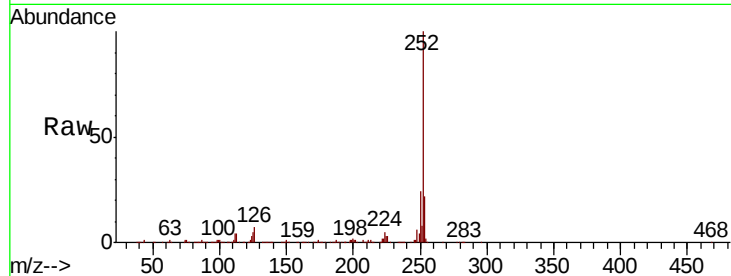




#89
Benzo(k)fluoranthene
Concen: 47.068 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.04 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

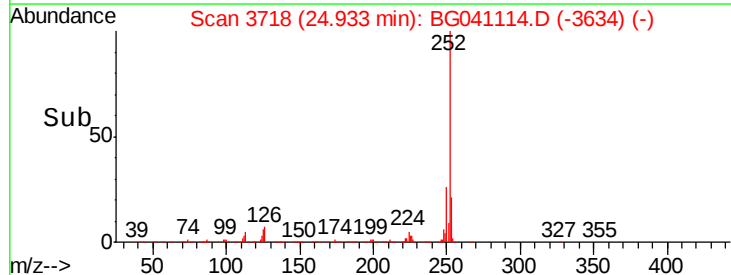
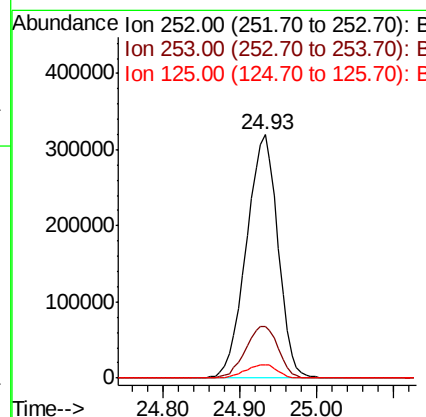
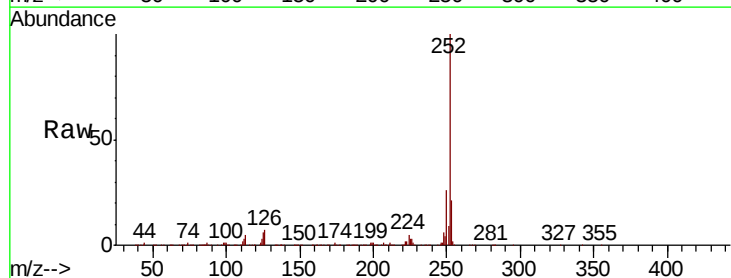
Instrument :
BNA_G
ClientSampleId :
PB120393BSD

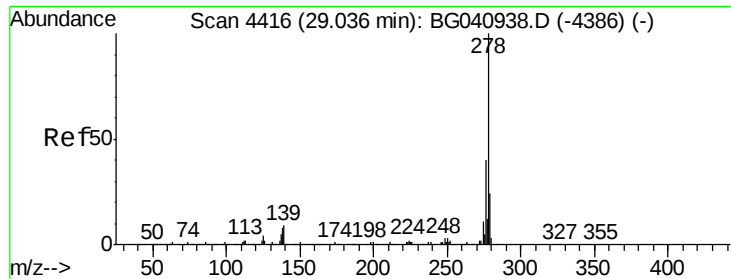
Tgt Ion:252 Resp: 908888
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 5.1 4.7 7.1



#90
Benzo(a)pyrene
Concen: 49.295 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.04 min
Lab File: BG041114.D
Acq: 8 Jun 2019 1:35

Tgt Ion:252 Resp: 917745
Ion Ratio Lower Upper
252 100
253 21.1 19.5 29.3
125 5.6 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 48.573 ng

RT: 28.98 min Scan# 4407

Delta R.T. -0.06 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120393BSD

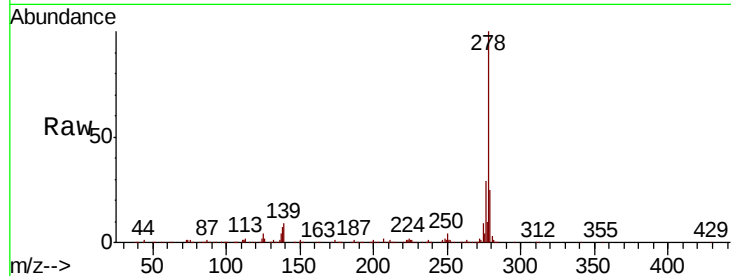
Tgt Ion:278 Resp: 903598

Ion Ratio Lower Upper

278 100

139 8.8 7.1 10.7

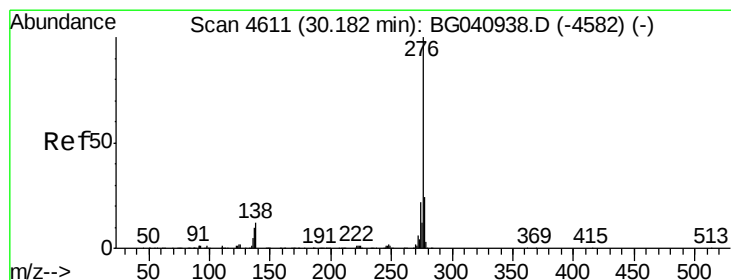
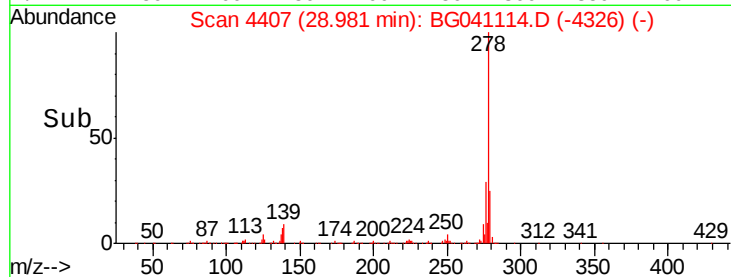
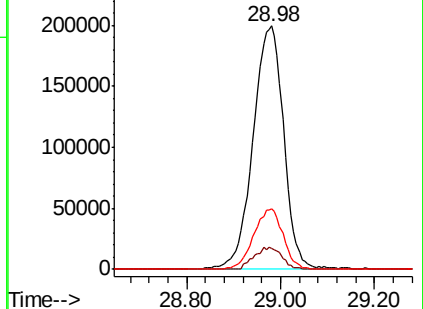
279 24.8 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.368 ng

RT: 30.11 min Scan# 4599

Delta R.T. -0.07 min

Lab File: BG041114.D

Acq: 8 Jun 2019 1:35

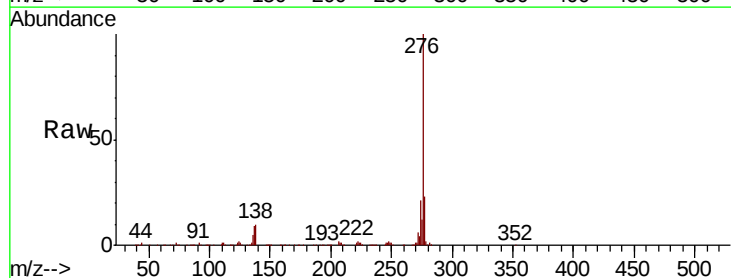
Tgt Ion:276 Resp: 910314

Ion Ratio Lower Upper

276 100

277 22.9 19.4 29.0

138 10.3 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

