

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
 Data File : BG041113.D
 Acq On : 8 Jun 2019 00:57
 Operator : HP/JU
 Sample : PB120393BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Quant Time: Jun 08 07:02:53 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	38455	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	163889	20.00	ng	-0.03
39) Acenaphthene-d10	14.74	164	124404	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	310071	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	311372	20.00	ng	-0.03
87) Perylene-d12	25.09	264	331456	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	308008	144.43	ng	-0.01
7) Phenol-d6	7.25	99	439980	133.59	ng	-0.01
23) Nitrobenzene-d5	9.29	82	298168	80.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	235718	127.63	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	725316	83.96	ng	-0.02
79) Terphenyl-d14	20.07	244	1274617	86.88	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	37901	39.165	ng	# 88
3) Pyridine	3.90	79	111637	38.987	ng	96
4) n-Nitrosodimethylamine	3.83	42	60147	45.259	ng	# 97
6) Aniline	7.43	93	136623	31.078	ng	98
8) 2-Chlorophenol	7.66	128	125998	49.558	ng	96
9) Benzaldehyde	7.24	77	40296	20.510	ng	86
10) Phenol	7.28	94	174157	49.317	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	112610	43.957	ng	100
12) 1,3-Dichlorobenzene	7.99	146	131680	43.364	ng	99
13) 1,4-Dichlorobenzene	8.14	146	133485	43.428	ng	93
14) 1,2-Dichlorobenzene	8.46	146	127711	42.793	ng	99
15) Benzyl Alcohol	8.35	79	144084	47.292	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	177906	42.499	ng	99
17) 2-Methylphenol	8.54	107	123601	48.341	ng	99
18) Hexachloroethane	9.19	117	50546	42.667	ng	99
19) n-Nitroso-di-n-propylamine	8.91	70	110853	43.736	ng	99
20) 3+4-Methylphenols	8.87	107	170064	48.017	ng	97
22) Acetophenone	8.93	105	211855	46.082	ng	# 96
24) Nitrobenzene	9.33	77	173442	46.101	ng	98
25) Isophorone	9.84	82	317300	45.163	ng	99
26) 2-Nitrophenol	10.04	139	78275	50.469	ng	95
27) 2,4-Dimethylphenol	10.08	122	135198	52.781	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	166347	43.869	ng	99
29) 2,4-Dichlorophenol	10.57	162	155013	47.655	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	158299	42.779	ng	95
31) Naphthalene	10.98	128	396249	45.032	ng	98
32) Benzoic acid	10.22	122	86185	44.072	ng	99
33) 4-Chloroaniline	11.09	127	87973	21.547	ng	95
34) Hexachlorobutadiene	11.24	225	116424	41.120	ng	98
35) Caprolactam	11.92	113	19739	18.376	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	178356	48.011	ng	98
37) 2-Methylnaphthalene	12.58	142	309920	45.730	ng	98
38) 1-Methylnaphthalene	12.79	142	295584	46.284	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	227462	45.364	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	296557	106.935	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	151101	46.583	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	157513	46.044	ng	99
46) 1,1'-Biphenyl	13.58	154	430458	46.745	ng	99
47) 2-Chloronaphthalene	13.62	162	351291	44.436	ng	98
48) 2-Nitroaniline	13.83	65	127766	45.050	ng	97
49) Acenaphthylene	14.46	152	553834	46.548	ng	98
50) Dimethylphthalate	14.19	163	466773	44.324	ng	99
51) 2,6-Dinitrotoluene	14.32	165	105997	46.683	ng	98
52) Acenaphthene	14.80	154	323103	44.827	ng	98
53) 3-Nitroaniline	14.65	138	69109	30.438	ng	96
54) 2,4-Dinitrophenol	14.86	184	137320	103.282	ng	98
55) Dibenzofuran	15.14	168	561834	46.324	ng	97
56) 4-Nitrophenol	14.94	139	156900	100.749	ng	94
57) 2,4-Dinitrotoluene	15.10	165	148326	46.246	ng	98
58) Fluorene	15.78	166	436130	45.154	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	163731	48.702	ng	99
60) Diethylphthalate	15.54	149	478130	44.489	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	280543	44.686	ng	96
62) 4-Nitroaniline	15.81	138	103669	43.129	ng	98
63) Azobenzene	16.06	77	441134	45.162	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	90115	53.120	ng	98
66) n-Nitrosodiphenylamine	15.98	169	402050	46.125	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	181052	43.267	ng	97
68) Hexachlorobenzene	16.78	284	189992	42.639	ng	97
69) Atrazine	16.92	200	171310	50.935	ng	98
70) Pentachlorophenol	17.12	266	225061	93.526	ng	96
71) Phenanthrene	17.52	178	756602	46.845	ng	98
72) Anthracene	17.62	178	765094	48.030	ng	99
73) Carbazole	17.89	167	658517	48.179	ng	99
74) Di-n-butylphthalate	18.42	149	775851	45.671	ng	98
75) Fluoranthene	19.53	202	959583	48.101	ng	100
77) Benzidine	19.71	184	362579	48.813	ng	98
78) Pyrene	19.89	202	963061	47.579	ng	100
80) Butylbenzylphthalate	20.76	149	365079	46.347	ng	98
81) Benzo(a)anthracene	21.74	228	935672	45.143	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	215433	29.551	ng	99
83) Chrysene	21.81	228	923406	46.555	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	498738	44.977	ng	98
85) Di-n-octyl phthalate	22.85	149	858817	46.504	ng	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1118339	46.028	ng	# 98
88) Benzo(b)fluoranthene	24.02	252	962891	47.896	ng	100
89) Benzo(k)fluoranthene	24.09	252	920098	46.250	ng	98
90) Benzo(a)pyrene	24.93	252	930104	48.492	ng	96
91) Dibenzo(a,h)anthracene	28.97	278	916166	47.803	ng	99
92) Benzo(g,h,i)perylene	30.11	276	926227	49.744	ng	97

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

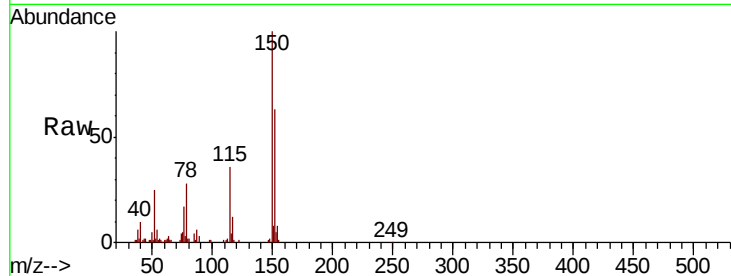


#1

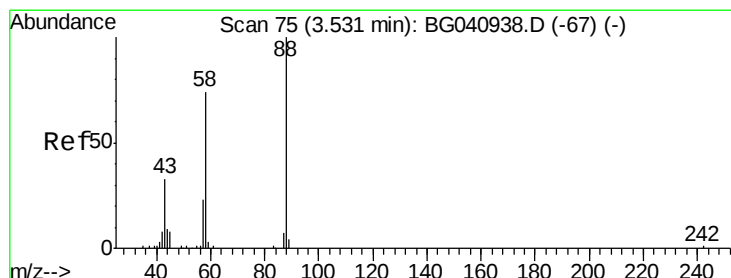
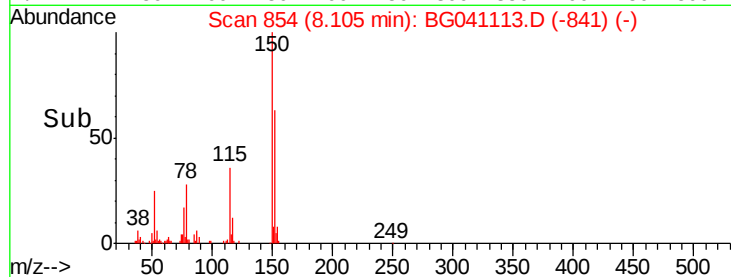
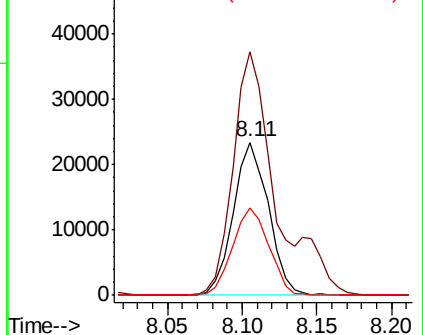
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tgt Ion:152 Resp: 38455
Ion Ratio Lower Upper
152 100
150 158.9 120.6 180.8
115 57.4 45.1 67.7



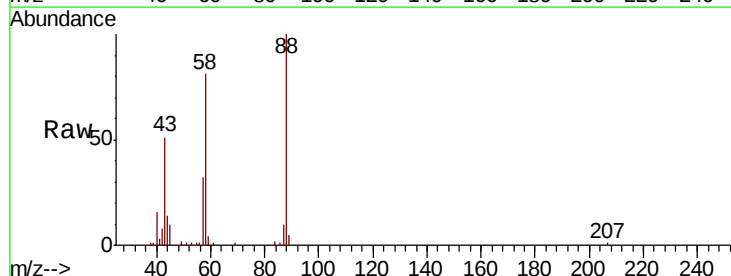
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



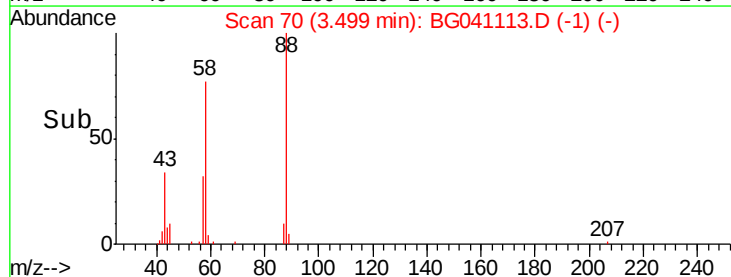
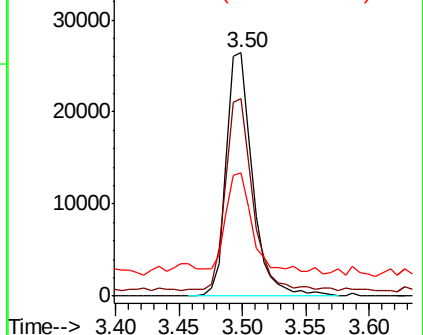
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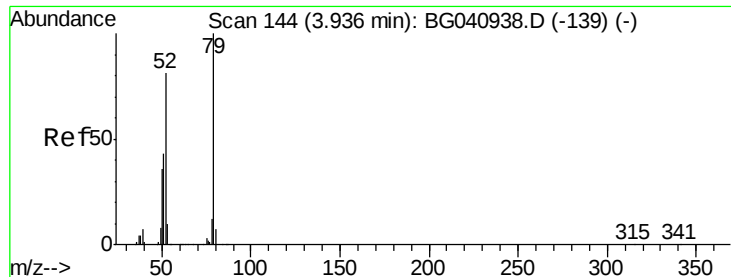
1,4-Dioxane
Concen: 39.165 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion: 88 Resp: 37901
Ion Ratio Lower Upper
88 100
58 83.6 59.0 88.6
43 40.8 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: 38.987 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

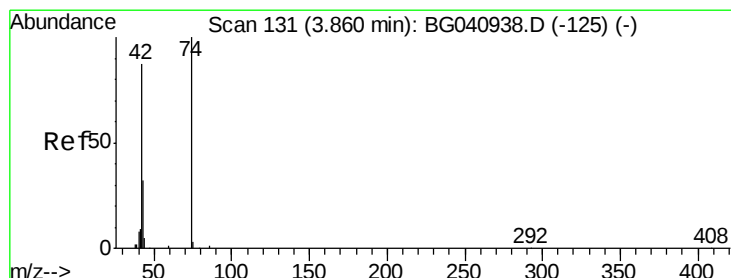
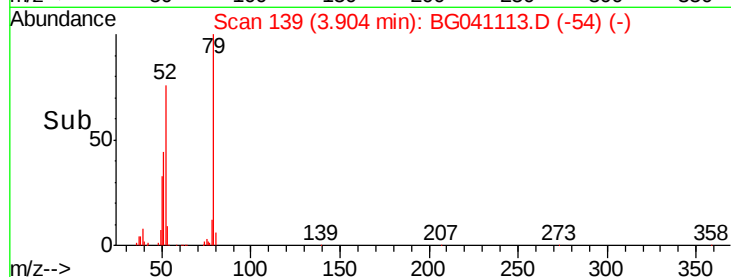
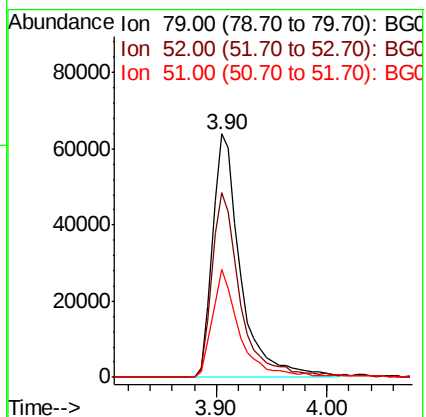
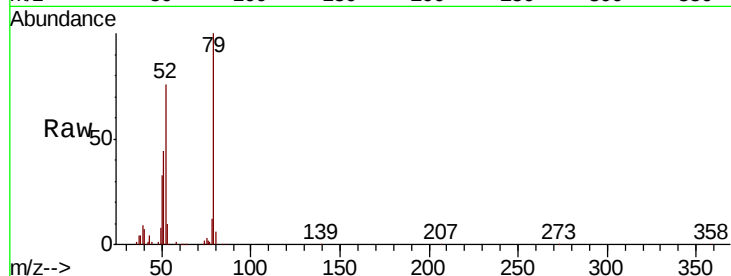
Tgt Ion: 79 Resp: 111637

Ion Ratio Lower Upper

79 100

52 76.1 64.8 97.2

51 44.3 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 45.259 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

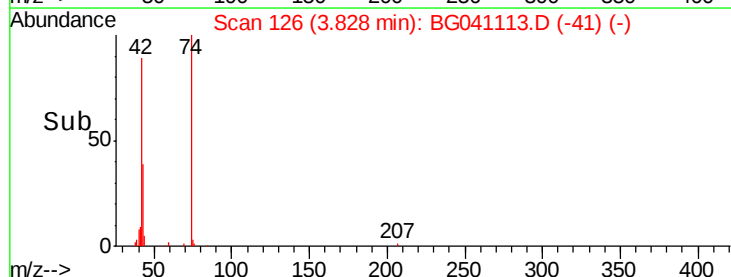
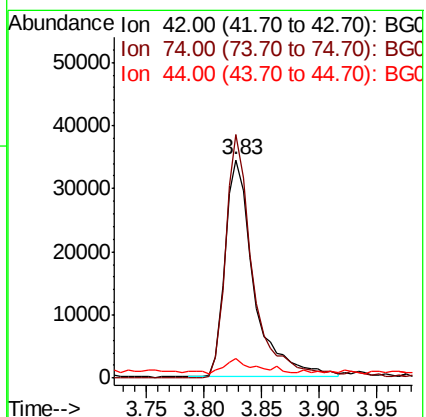
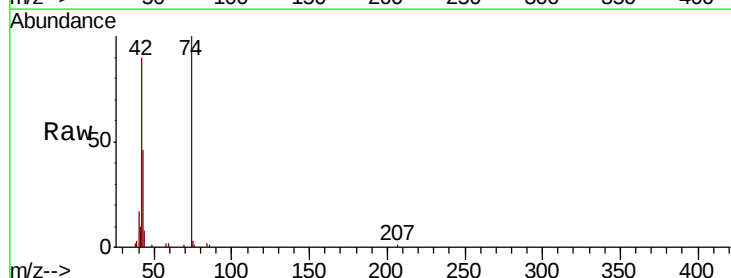
Tgt Ion: 42 Resp: 60147

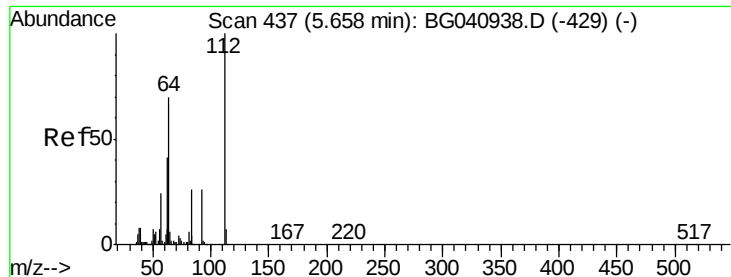
Ion Ratio Lower Upper

42 100

74 111.7 91.8 137.6

44 9.1 6.0 9.0#





#5

2-Fluorophenol

Concen: 144.429 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

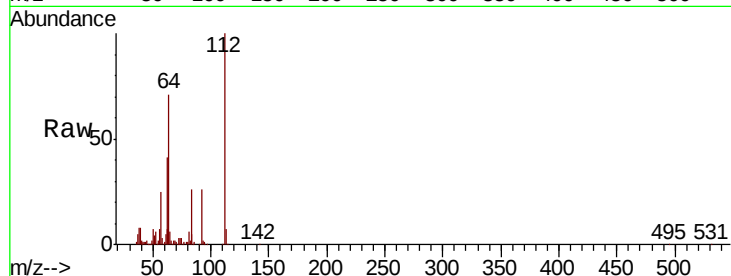
Tgt Ion: 112 Resp: 308008

Ion Ratio Lower Upper

112 100

64 71.2 56.2 84.2

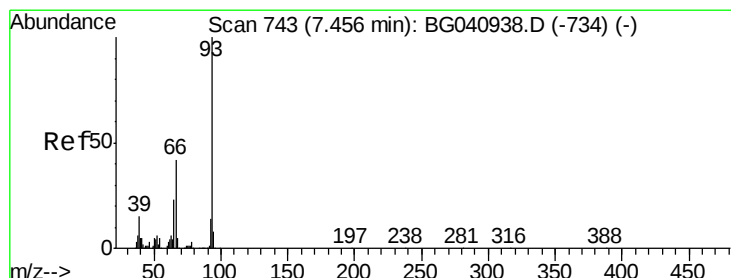
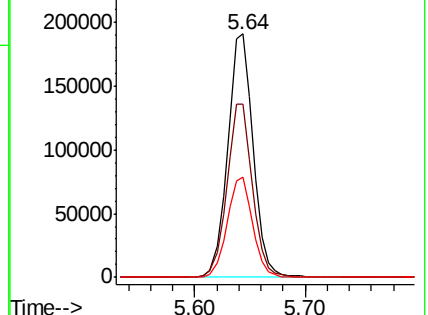
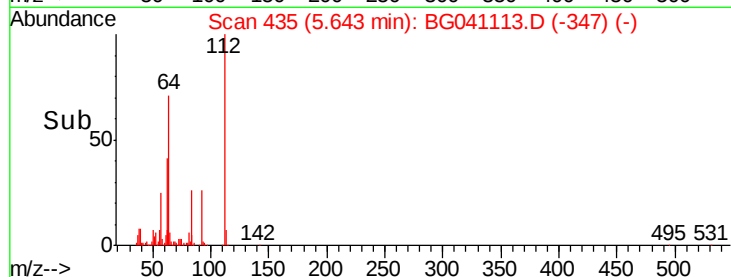
63 41.0 32.8 49.2



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: 31.078 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

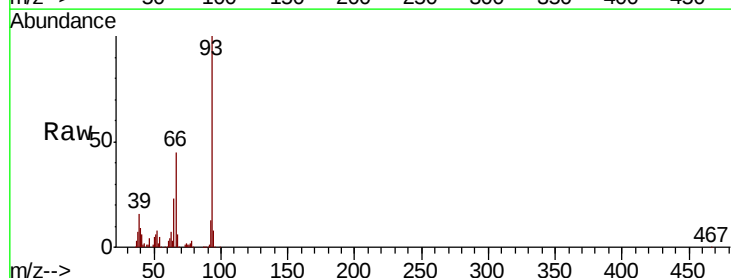
Tgt Ion: 93 Resp: 136623

Ion Ratio Lower Upper

93 100

66 44.5 33.8 50.8

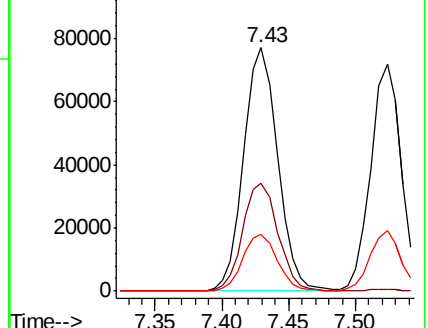
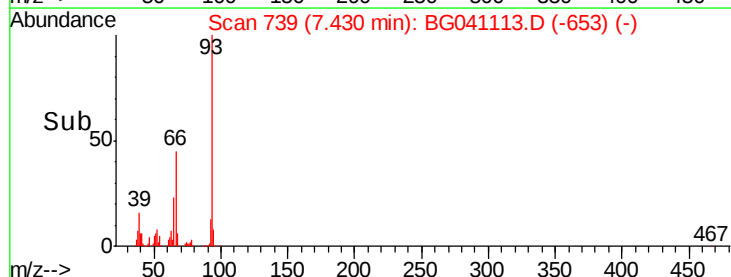
65 23.1 18.3 27.5

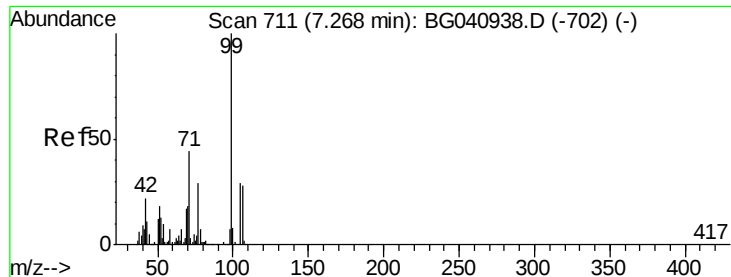


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.588 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041113.D

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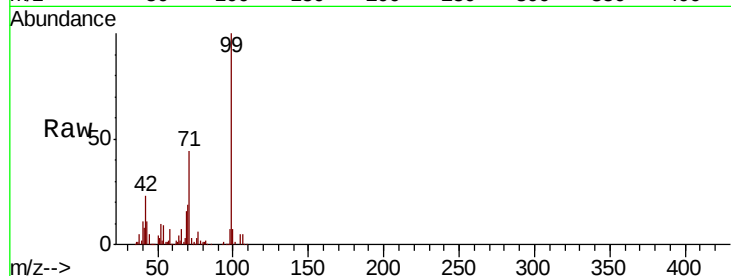
Tgt Ion: 99 Resp: 439980

Ion Ratio Lower Upper

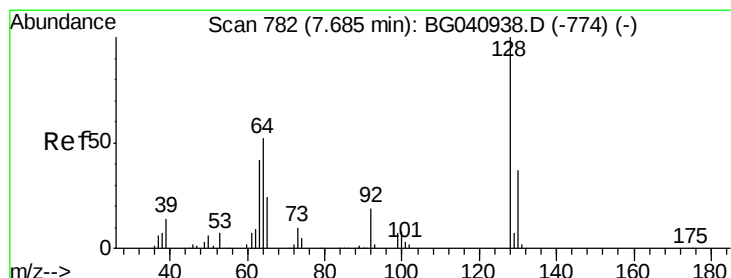
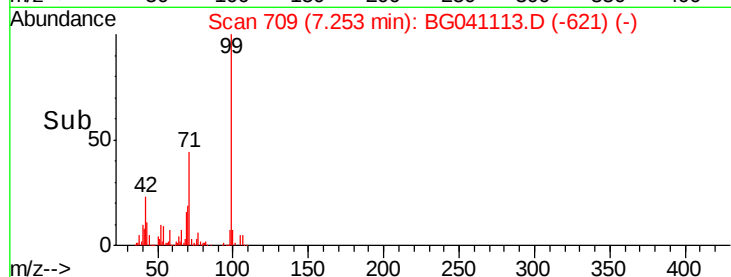
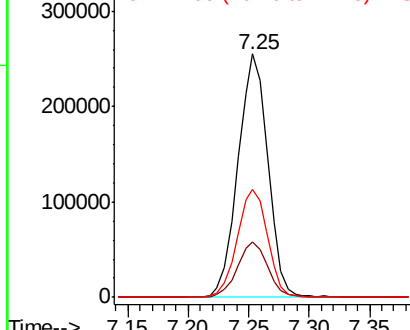
99 100

42 22.6 17.9 26.9

71 44.4 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: 49.558 ng

RT: 7.66 min Scan# 779

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

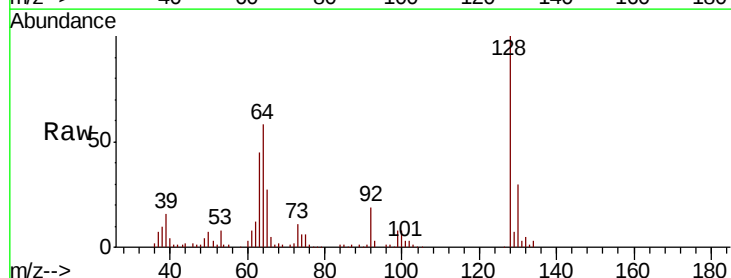
Tgt Ion: 128 Resp: 125998

Ion Ratio Lower Upper

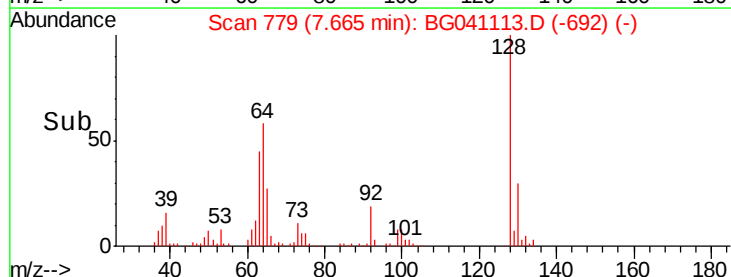
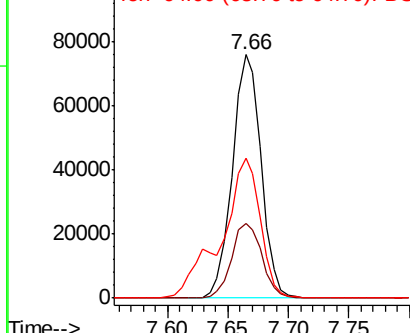
128 100

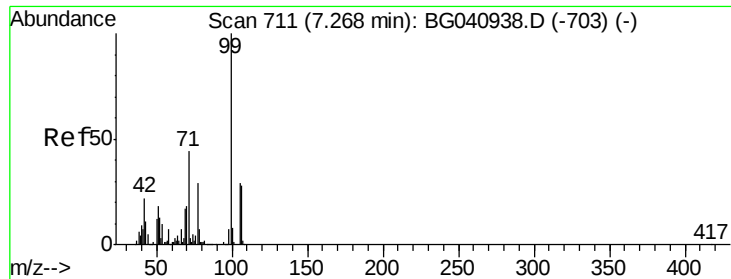
130 30.5 16.6 56.6

64 57.7 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: 20.510 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

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ClientSampleId :

PB120393BS

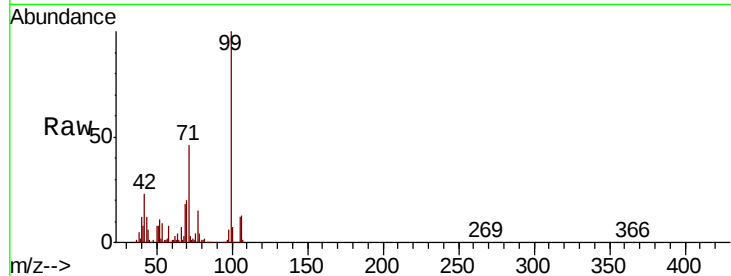
Tgt Ion: 77 Resp: 40296

Ion Ratio Lower Upper

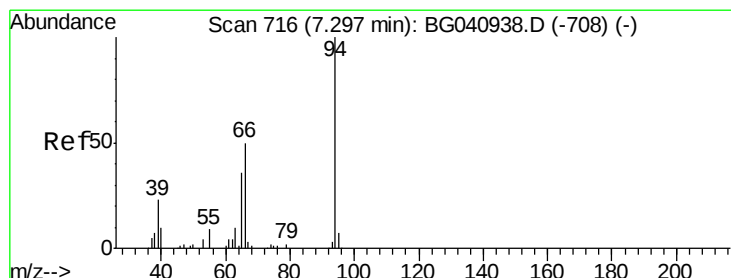
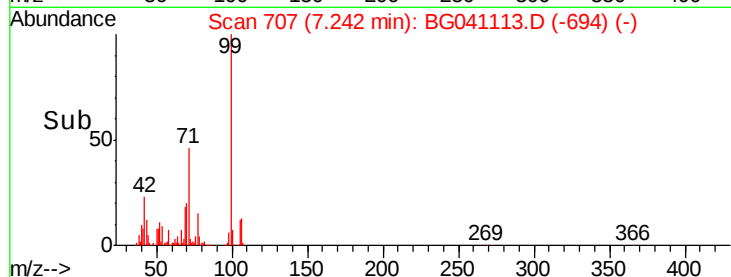
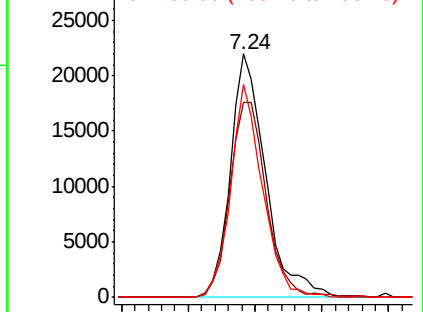
77 100

105 79.9 78.9 118.9

106 87.2 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: 49.317 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

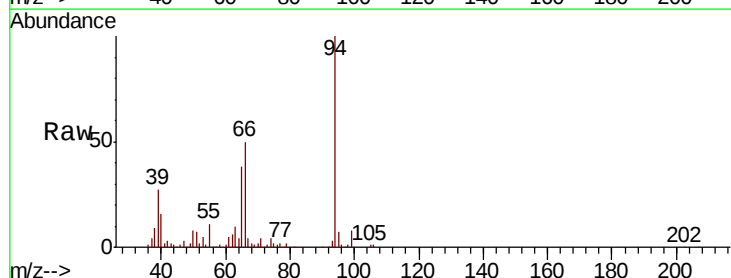
Tgt Ion: 94 Resp: 174157

Ion Ratio Lower Upper

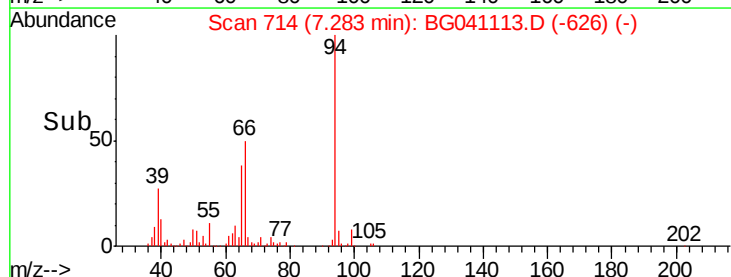
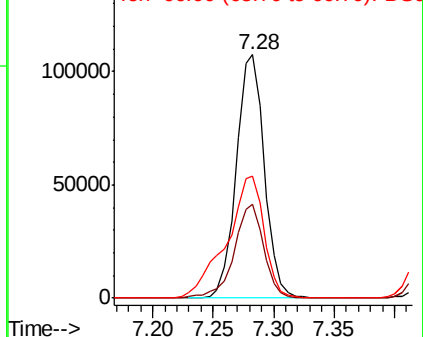
94 100

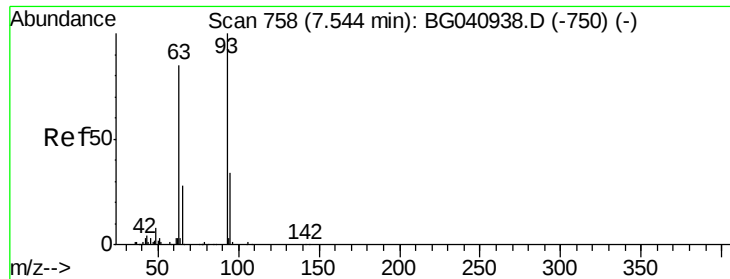
65 38.3 17.0 57.0

66 50.0 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

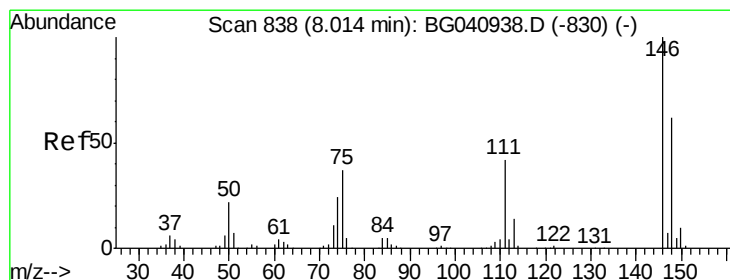
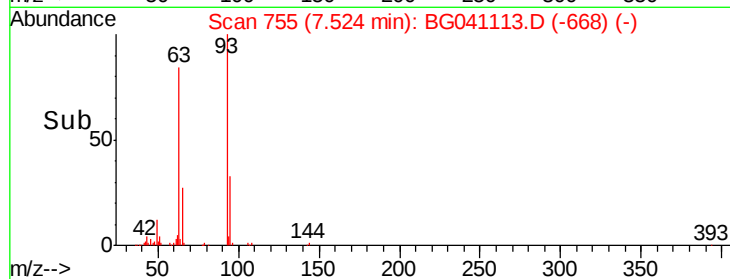
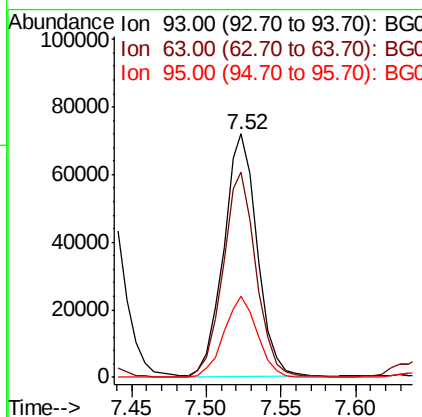
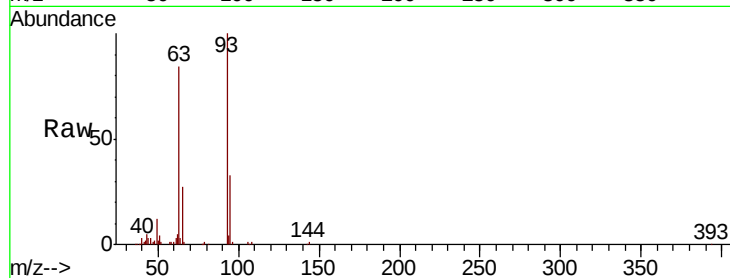




#11
 bis(2-Chloroethyl)ether
 Concen: 43.957 ng
 RT: 7.52 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

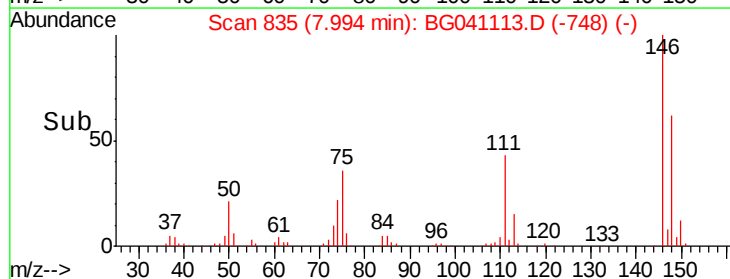
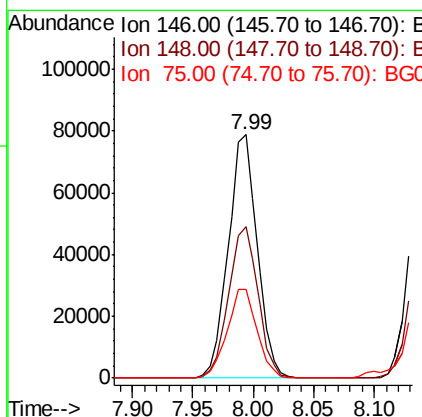
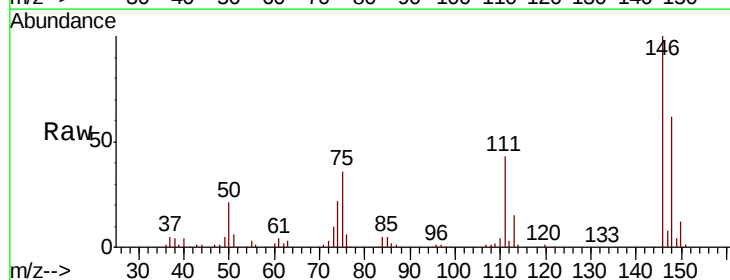
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

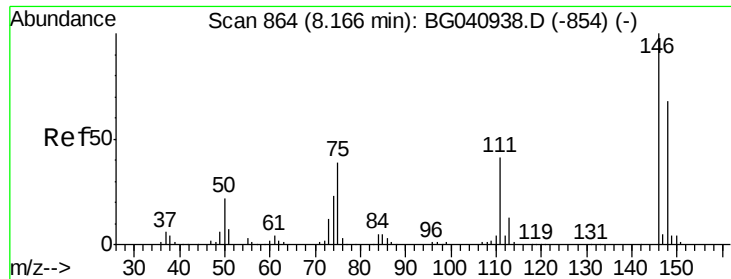
Tgt Ion:	93	Resp:	112610
Ion	Ratio	Lower	Upper
93	100		
63	84.5	64.5	104.5
95	33.4	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 43.364 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion:	146	Resp:	131680
Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.2	73.8
75	36.5	29.4	44.0

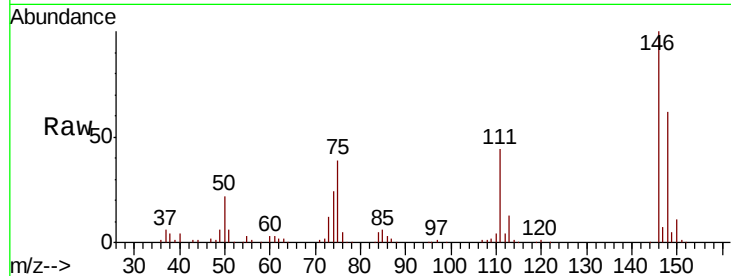




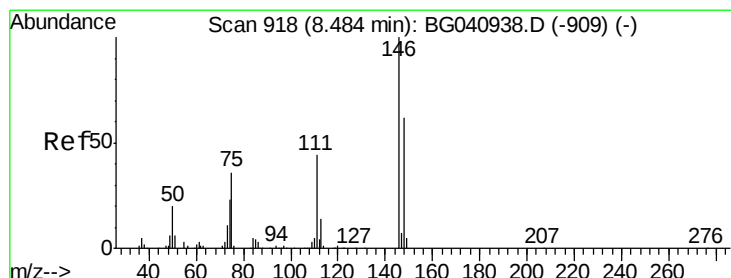
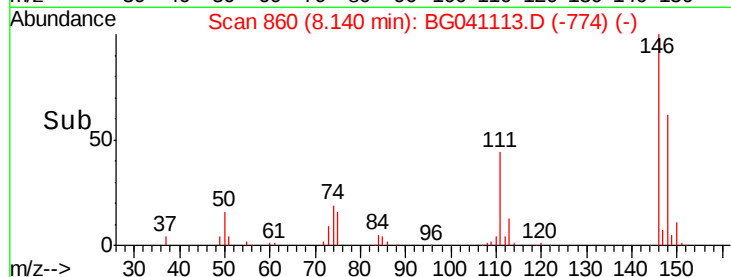
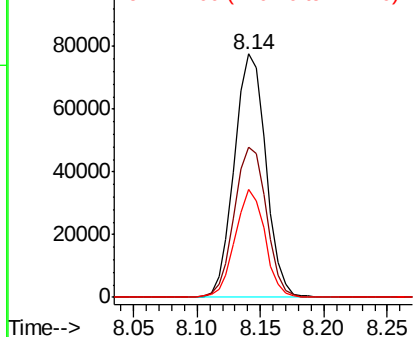
#13
 1,4-Dichlorobenzene
 Concen: 43.428 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tgt Ion:146 Resp: 133485
 Ion Ratio Lower Upper
 146 100
 148 61.9 54.2 81.4
 111 44.4 32.9 49.3

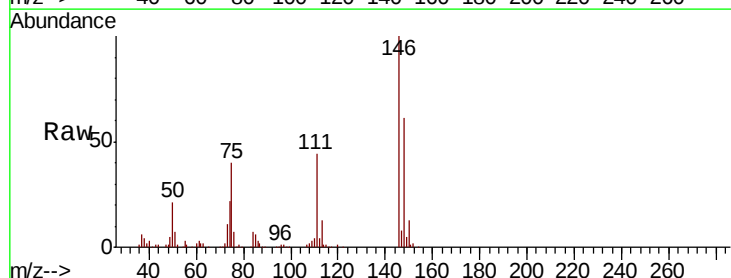


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

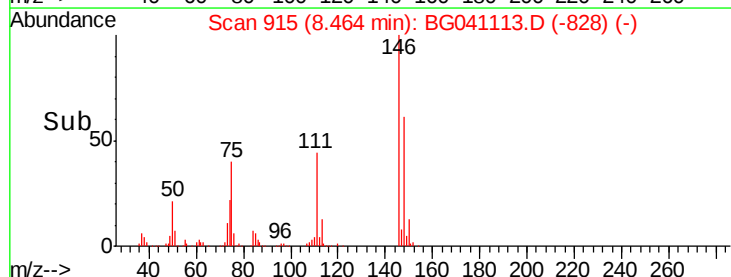
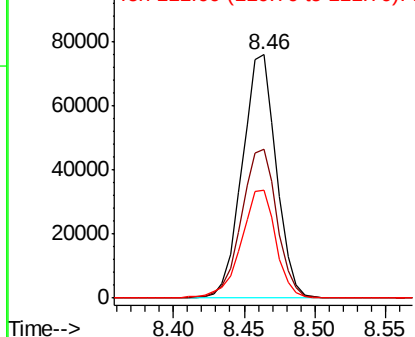


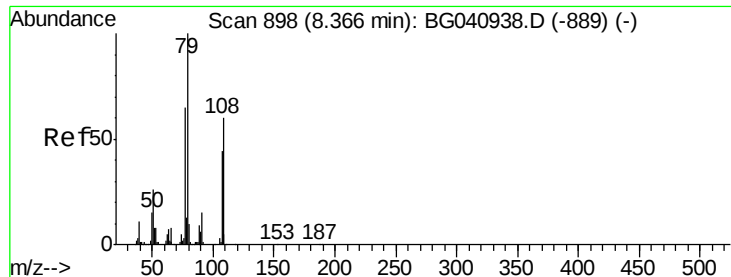
#14
 1,2-Dichlorobenzene
 Concen: 42.793 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion:146 Resp: 127711
 Ion Ratio Lower Upper
 146 100
 148 61.4 49.8 74.6
 111 44.4 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: 47.292 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

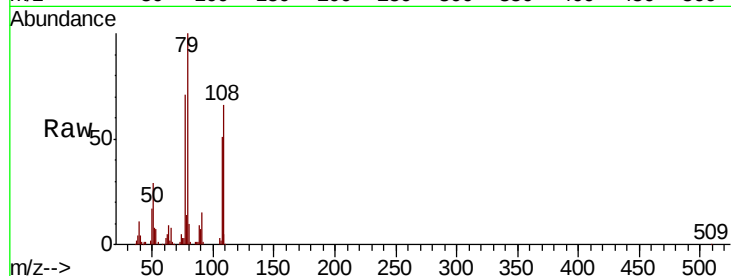
Tgt Ion: 79 Resp: 144084

Ion Ratio Lower Upper

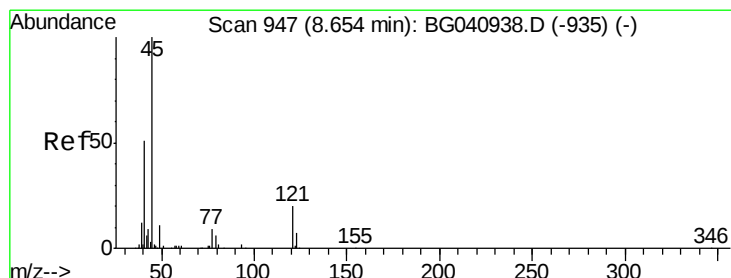
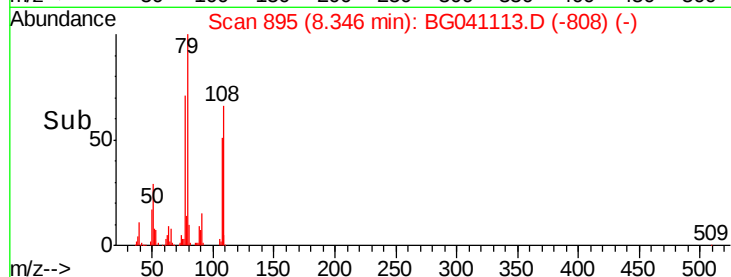
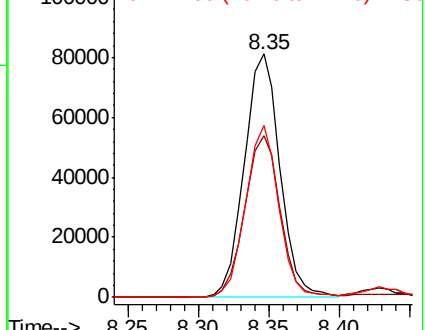
79 100

108 66.5 48.3 72.5

77 70.5 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.499 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

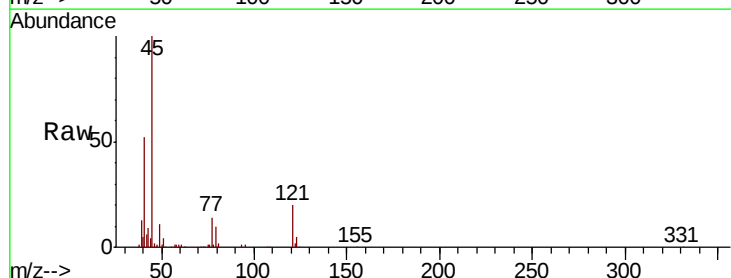
Tgt Ion: 45 Resp: 177906

Ion Ratio Lower Upper

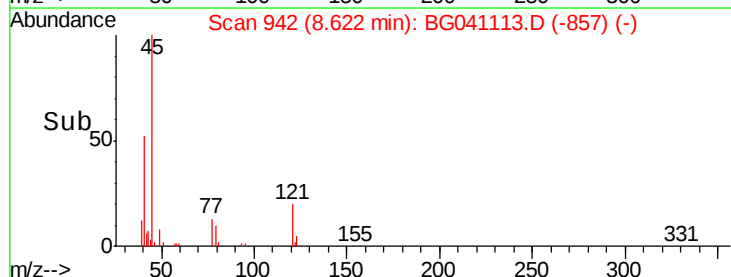
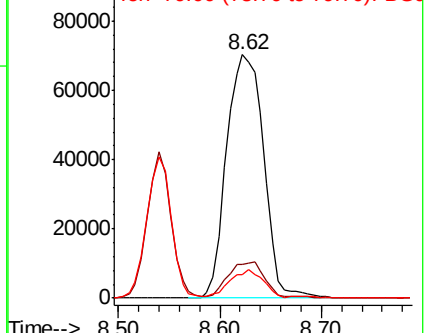
45 100

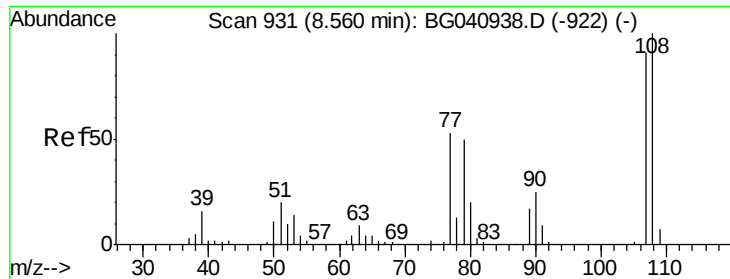
77 13.9 0.0 33.7

79 9.8 0.0 30.2



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

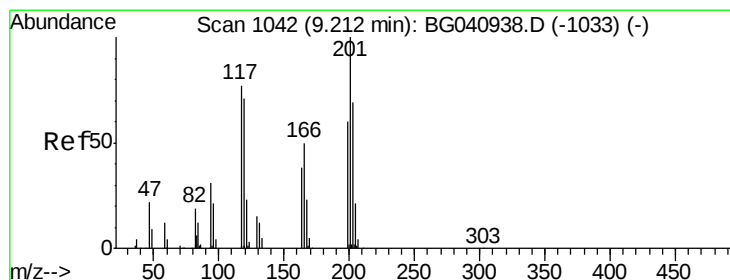
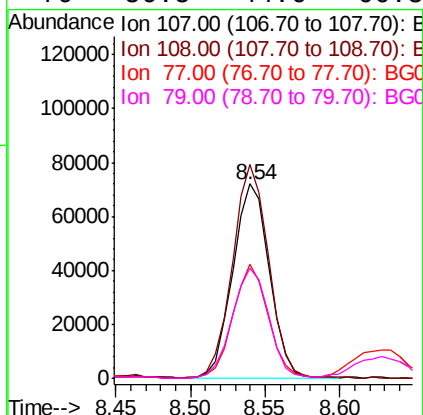
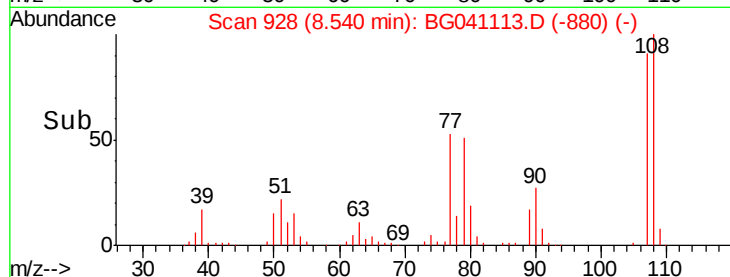
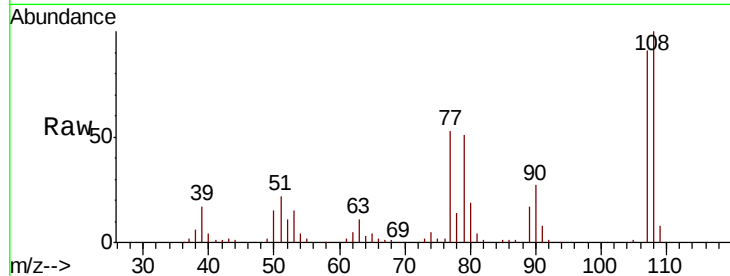




#17
2-Methylphenol
Concen: 48.341 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

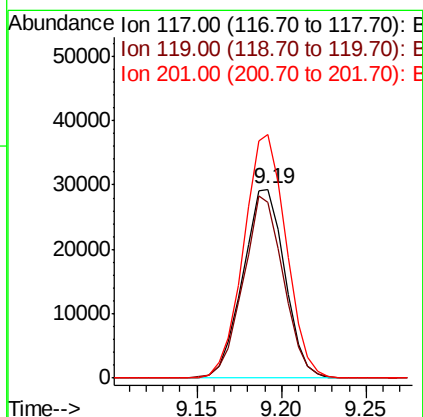
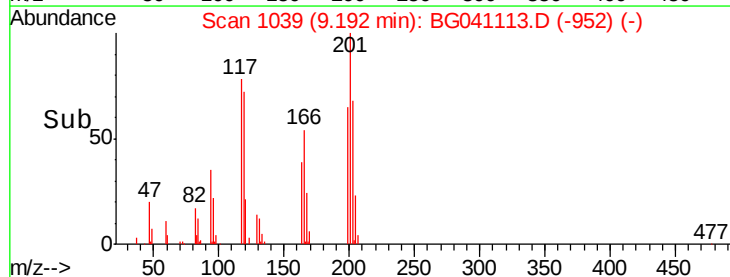
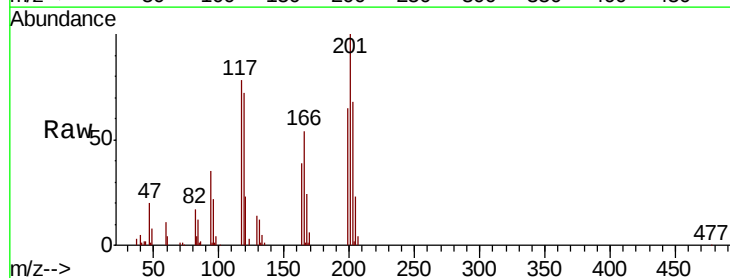
Instrument :
BNA_G
ClientSampleId :
PB120393BS

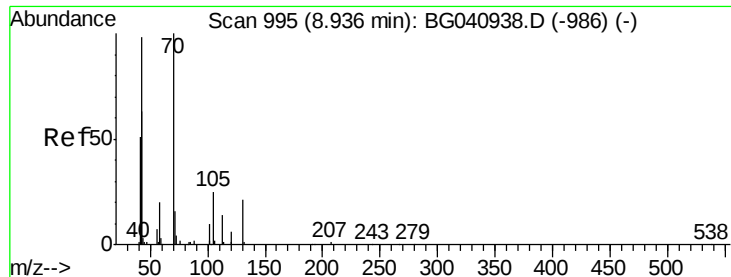
Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.7	131.5
77	58.7	46.6	70.0
79	56.5	44.6	66.8



#18
Hexachloroethane
Concen: 42.667 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.0	112.6
201	128.8	103.5	155.3

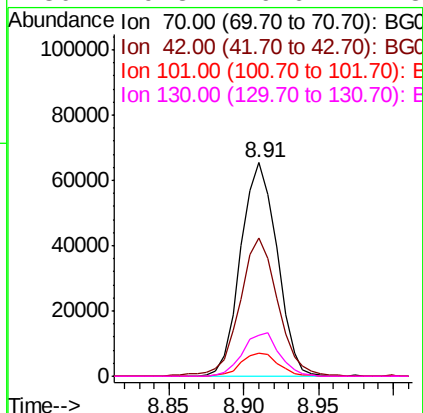
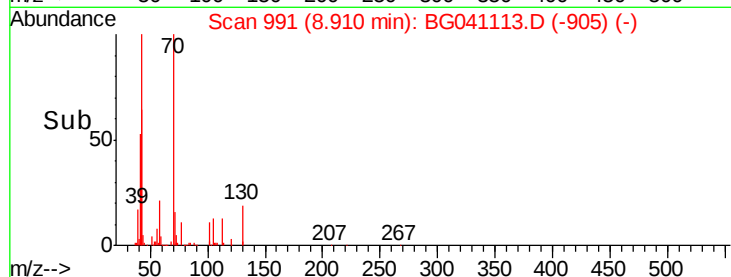
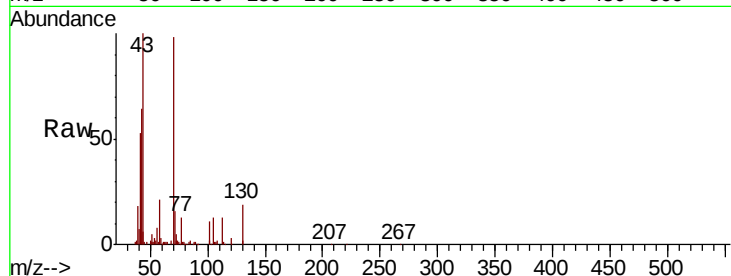




#19
n-Nitroso-di-n-propylamine
Concen: 43.736 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

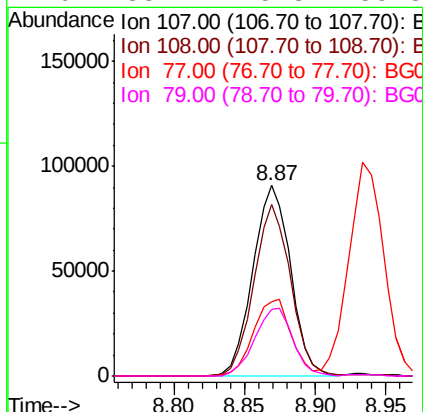
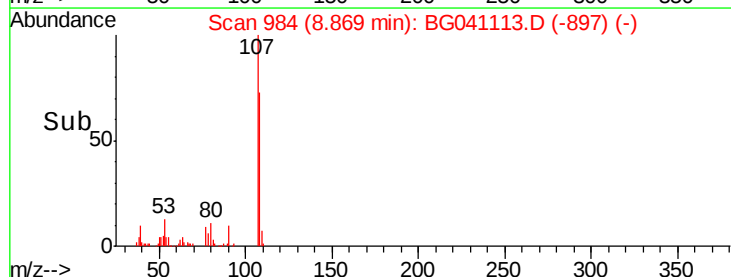
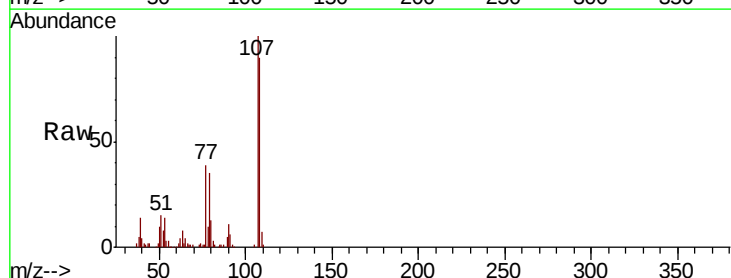
Instrument :
BNA_G
ClientSampleId :
PB120393BS

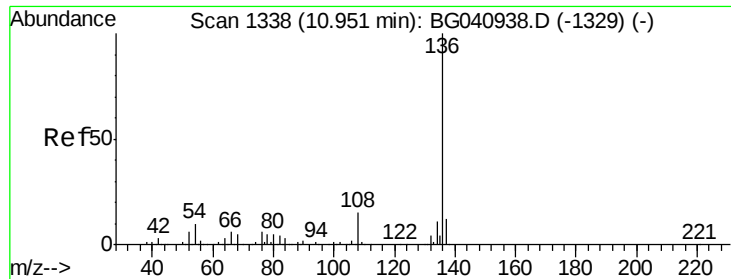
Tgt Ion:	70	Resp:	110853
Ion	Ratio	Lower	Upper
70	100		
42	65.0	51.5	77.3
101	11.0	8.1	12.1
130	19.3	16.6	24.8



#20
3+4-Methylphenols
Concen: 48.017 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion:	107	Resp:	170064
Ion	Ratio	Lower	Upper
107	100		
108	90.0	66.8	106.8
77	39.1	20.5	60.5
79	35.2	15.8	55.8

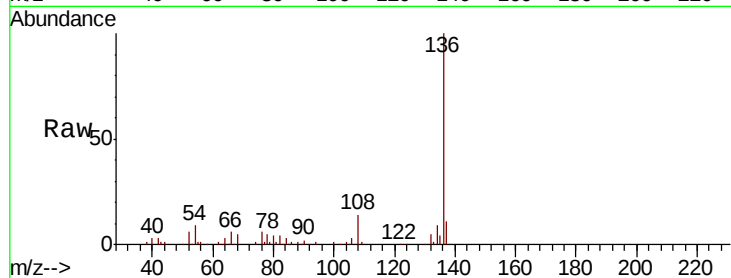




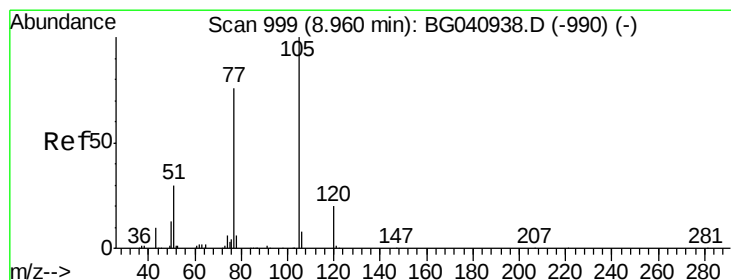
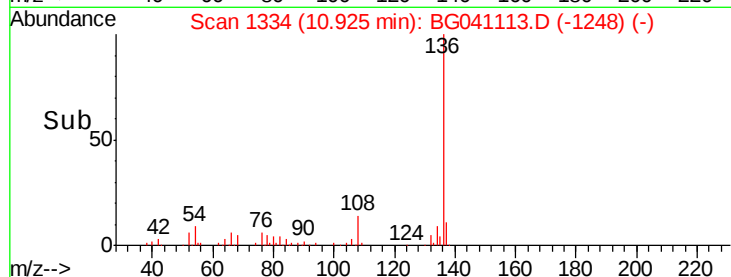
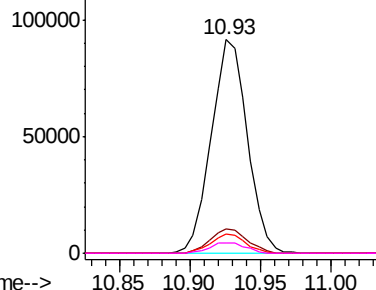
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tgt Ion:	136	Resp:	163889
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	8.8	7.6	11.4
68	4.7	3.9	5.9

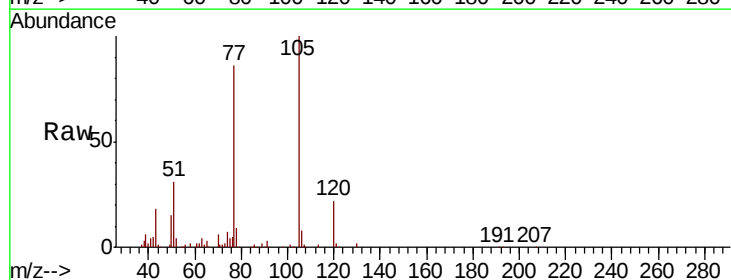


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

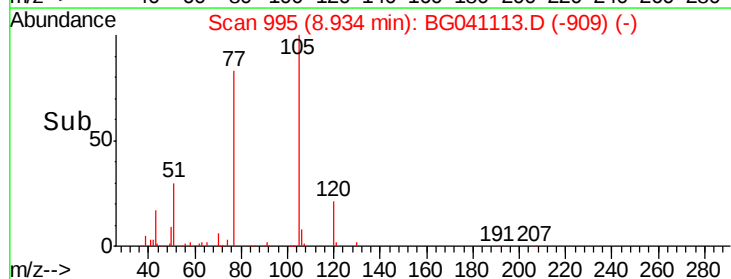
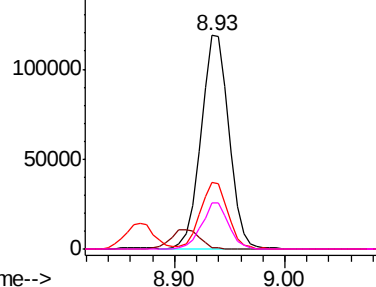


#22
Acetophenone
Concen: 46.082 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.03 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion:	105	Resp:	211855
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.4	0.6#
51	31.4	27.0	40.6
120	21.6	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

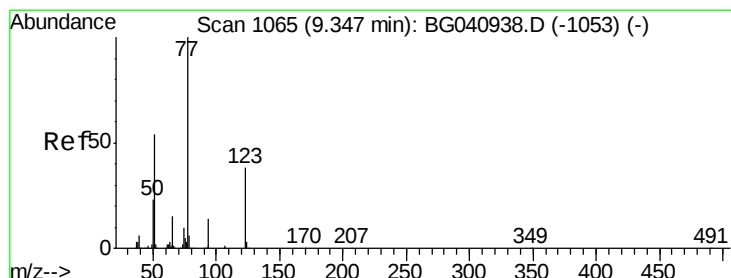
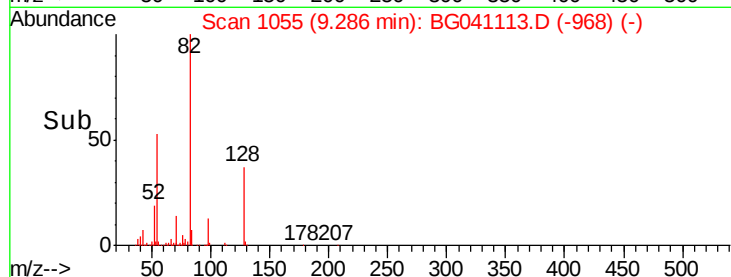
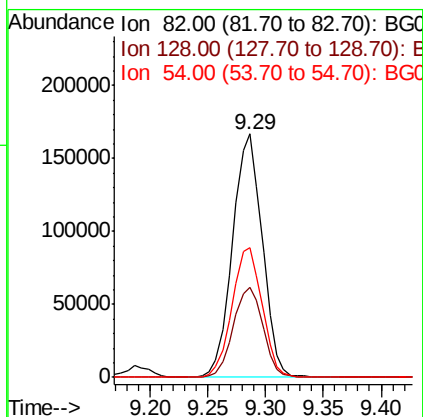
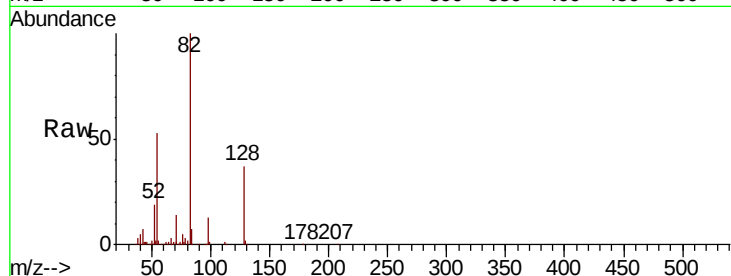




#23
 Nitrobenzene-d5
 Concen: 80.767 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

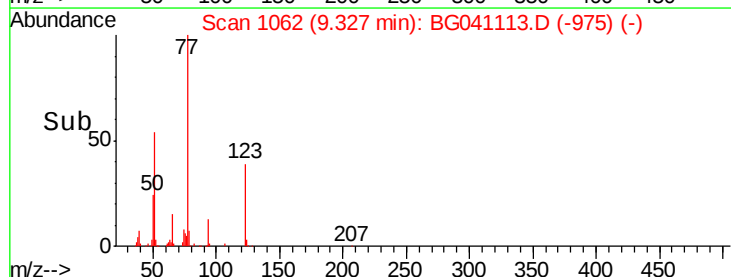
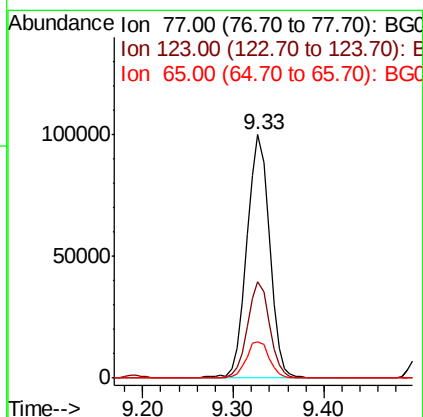
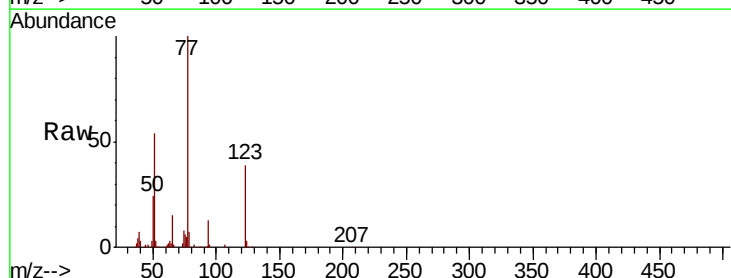
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tgt Ion: 82 Resp: 298168
 Ion Ratio Lower Upper
 82 100
 128 37.1 30.5 45.7
 54 53.5 44.6 66.8



#24
 Nitrobenzene
 Concen: 46.101 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion: 77 Resp: 173442
 Ion Ratio Lower Upper
 77 100
 123 39.5 30.6 46.0
 65 15.0 12.3 18.5





#25

Isophorone

Concen: 45.163 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

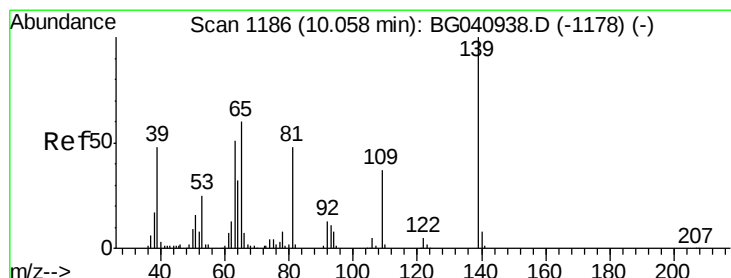
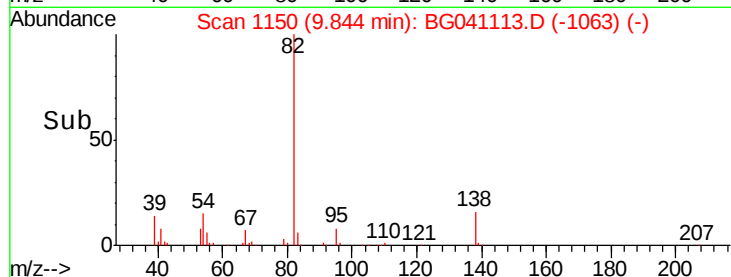
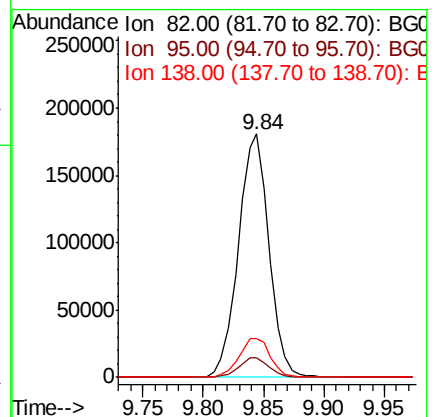
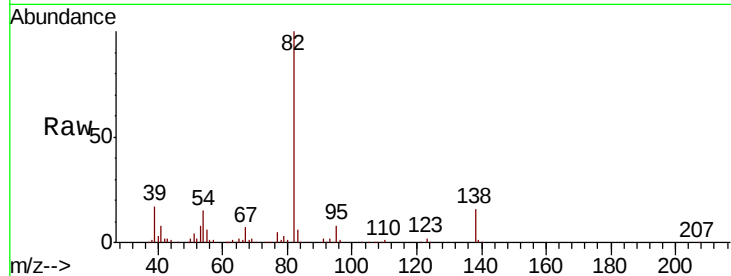
Tgt Ion: 82 Resp: 317300

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.4

138 15.7 12.6 19.0



#26

2-Nitrophenol

Concen: 50.469 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

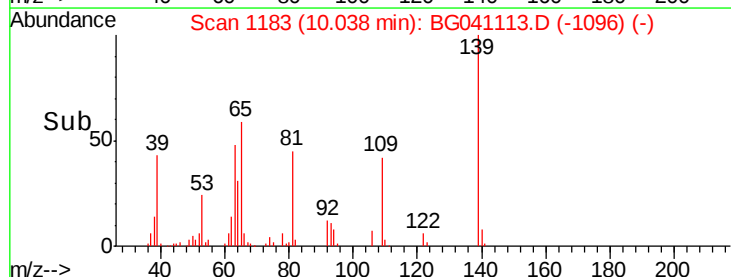
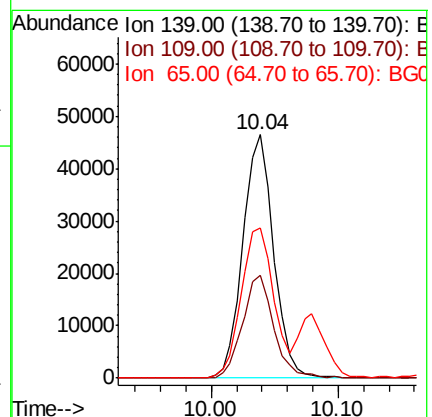
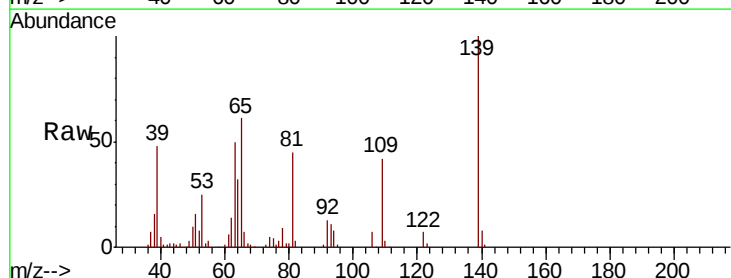
Tgt Ion: 139 Resp: 78275

Ion Ratio Lower Upper

139 100

109 42.5 29.8 44.6

65 61.4 47.8 71.6

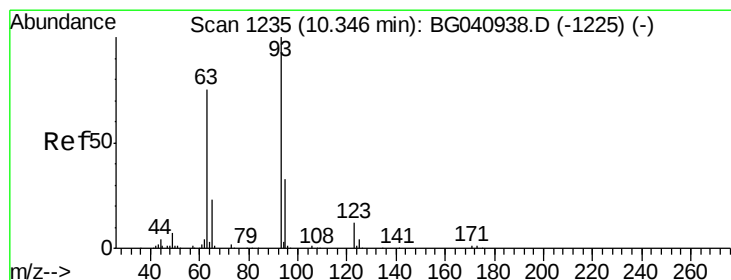
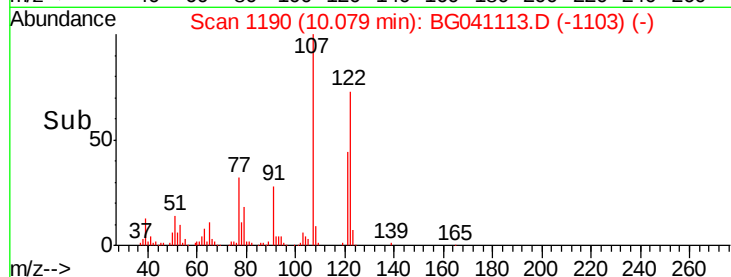
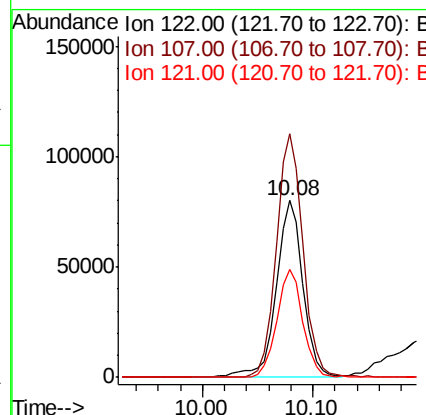
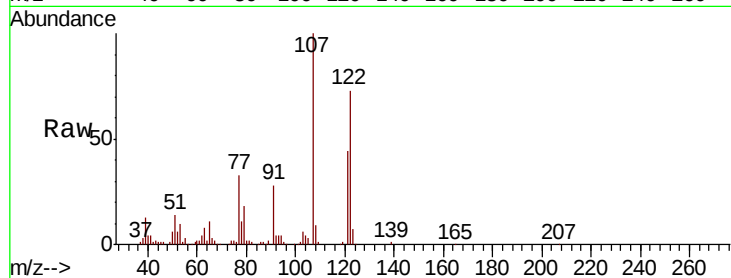




#27
 2,4-Dimethylphenol
 Concen: 52.781 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

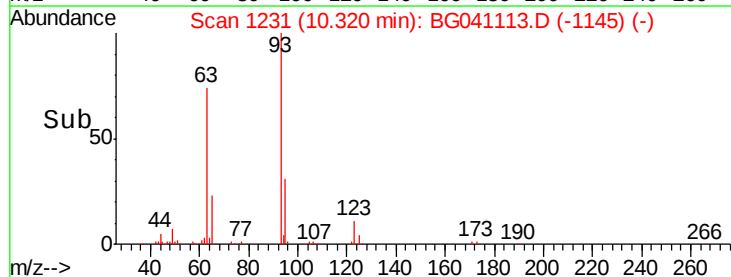
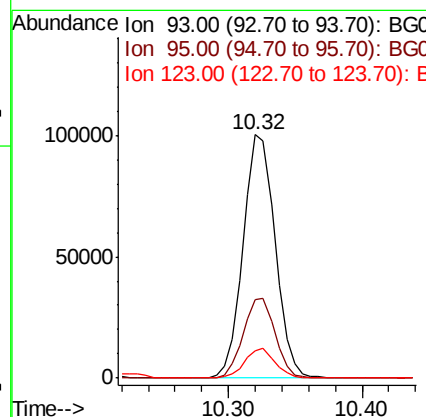
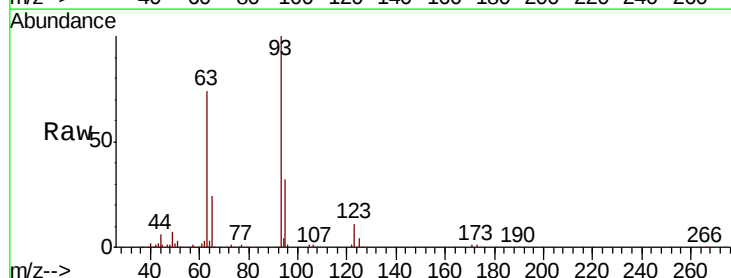
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

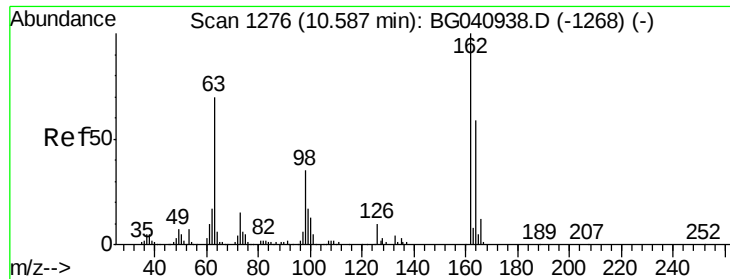
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.9	105.9	158.9
121	61.0	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.869 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	11.0	9.5	14.3

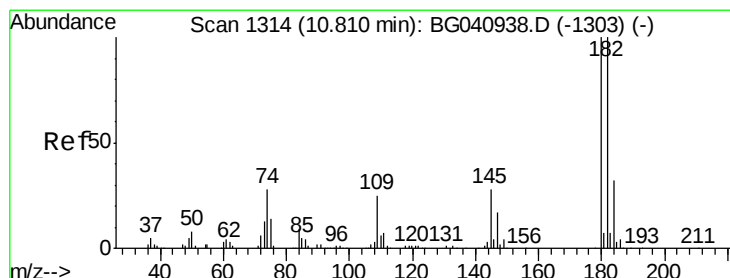
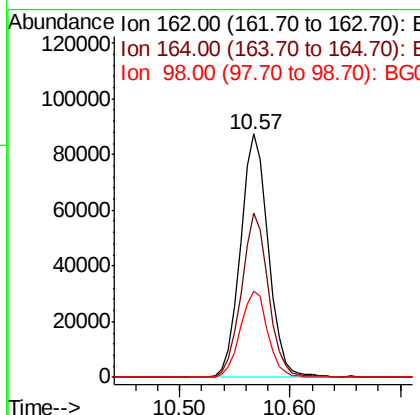
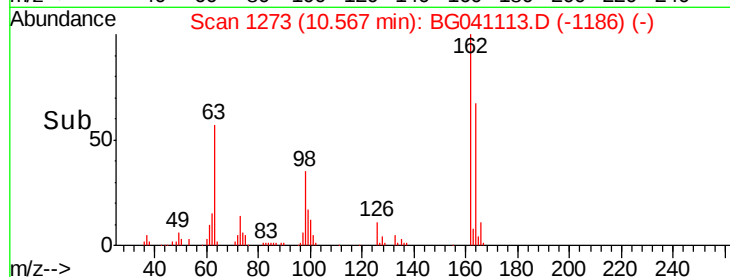
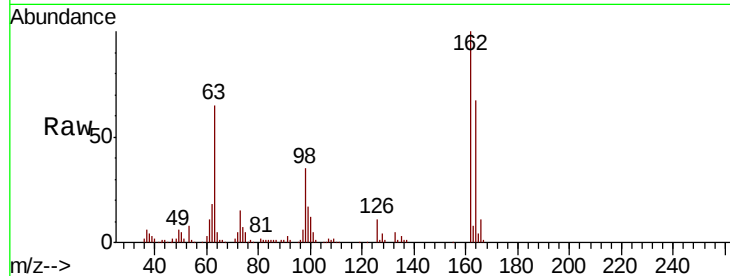




#29
2,4-Dichlorophenol
Concen: 47.655 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

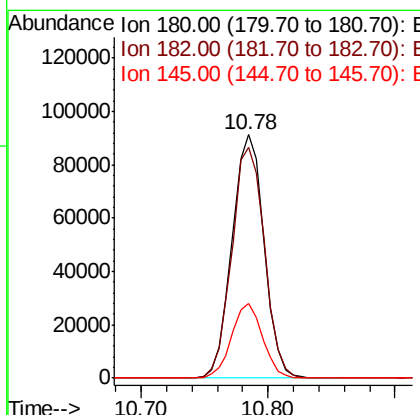
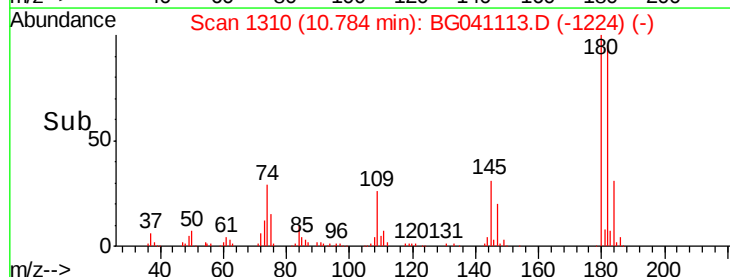
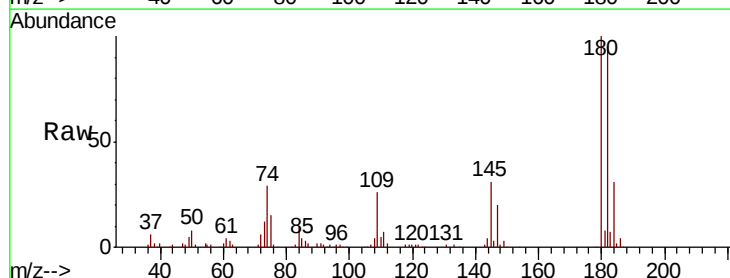
Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.3	39.4	79.4
98	35.2	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 42.779 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	79.7	119.5
145	30.7	22.6	34.0

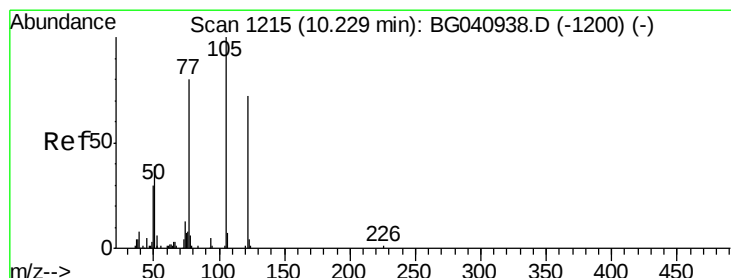
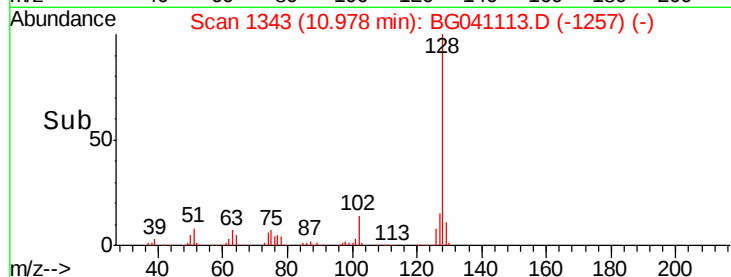
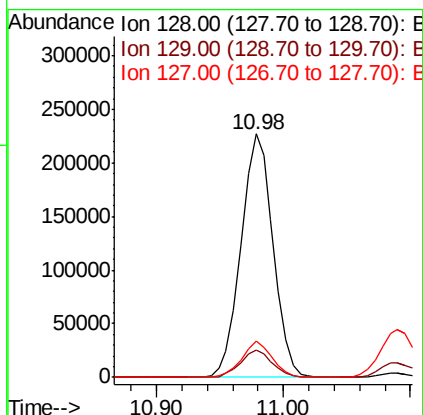
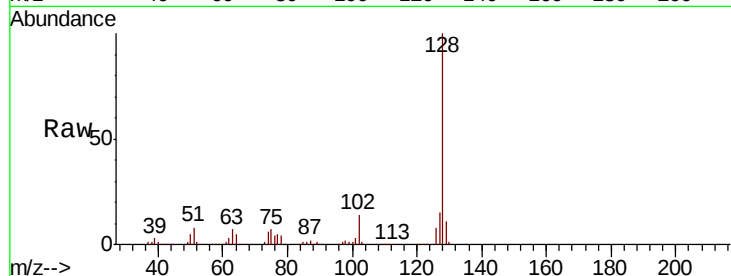




#31
Naphthalene
Concen: 45.032 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.03 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

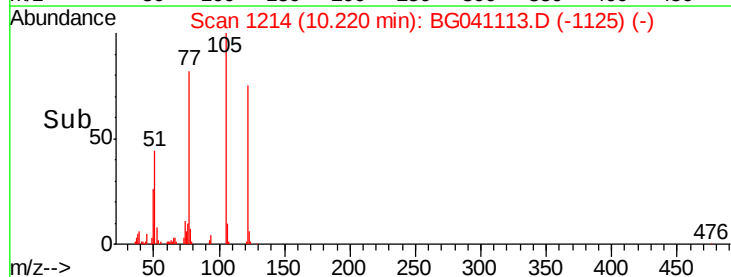
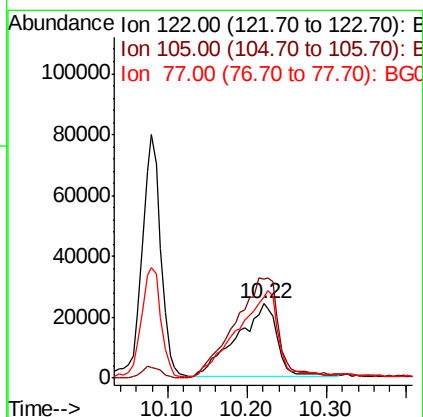
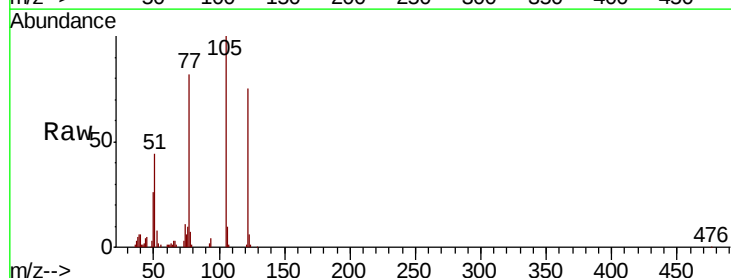
Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	15.0	11.4	17.2



#32
Benzoic acid
Concen: 44.072 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	114.8	154.8
77	109.0	89.9	129.9

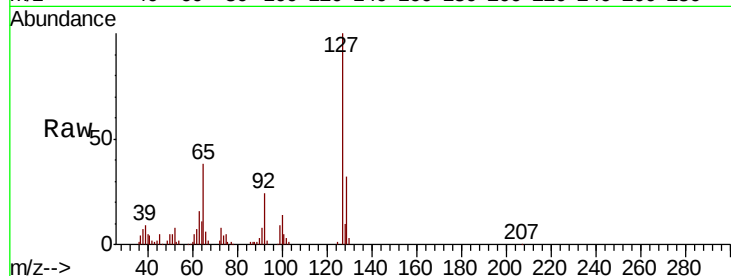




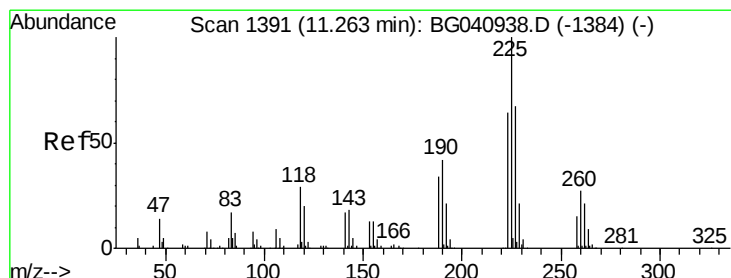
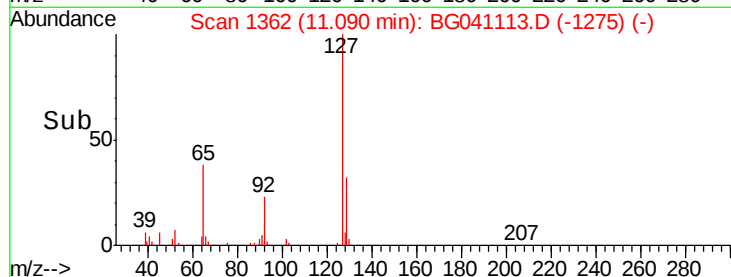
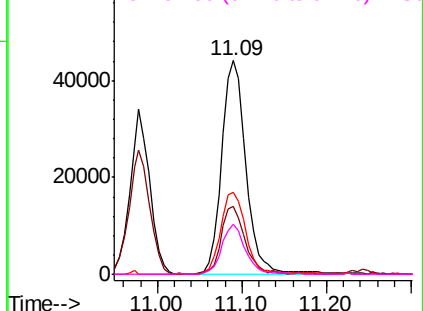
#33
4-Chloroaniline
Concen: 21.547 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tgt Ion:127 Resp: 87973
Ion Ratio Lower Upper
127 100
129 31.6 27.7 41.5
65 38.4 33.2 49.8
92 23.6 17.2 25.8

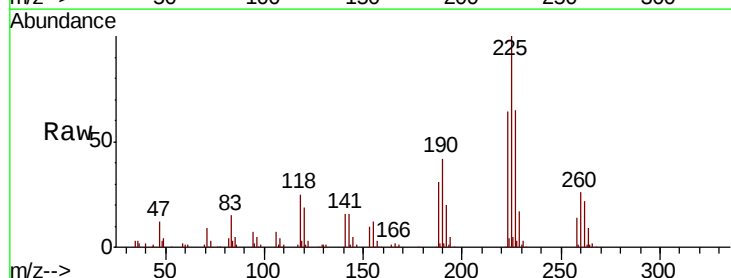


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

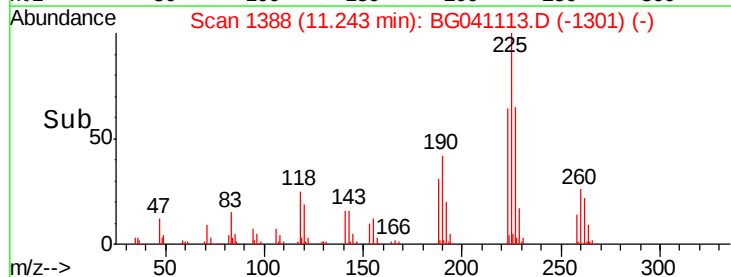
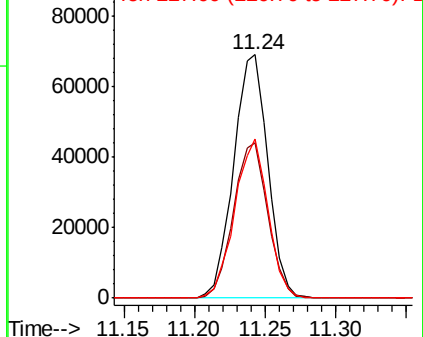


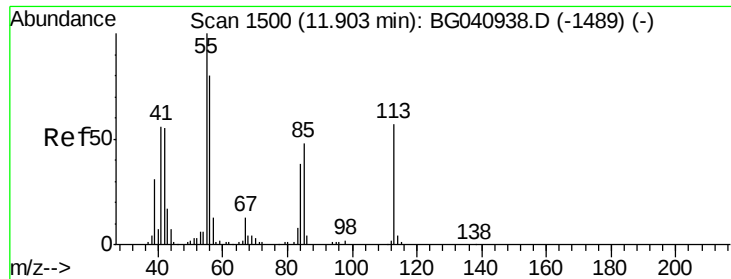
#34
Hexachlorobutadiene
Concen: 41.120 ng
RT: 11.24 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion:225 Resp: 116424
Ion Ratio Lower Upper
225 100
223 63.6 48.8 73.2
227 65.3 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: 18.376 ng

RT: 11.92 min Scan# 1504

Delta R.T. 0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

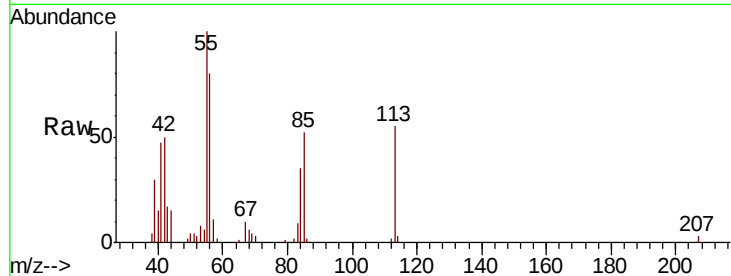
Tgt Ion:113 Resp: 19739

Ion Ratio Lower Upper

113 100

55 180.5 155.9 195.9

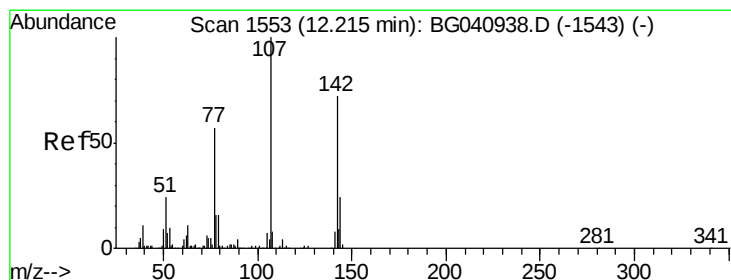
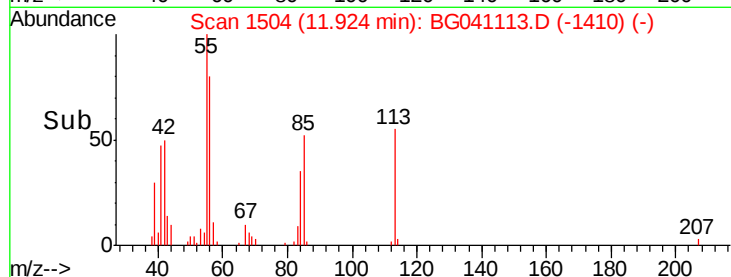
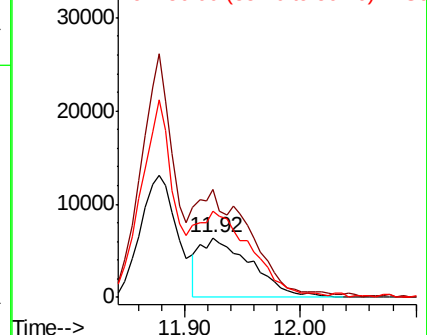
56 145.0 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.011 ng

RT: 12.19 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

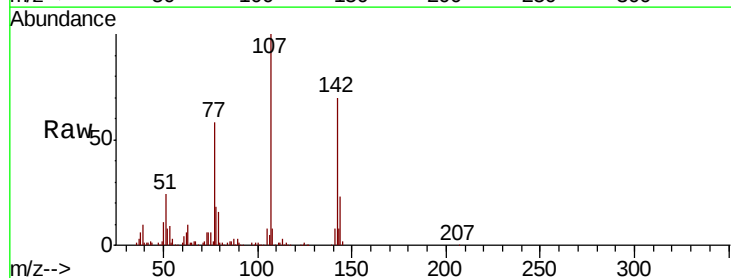
Tgt Ion:107 Resp: 178356

Ion Ratio Lower Upper

107 100

144 23.1 19.4 29.0

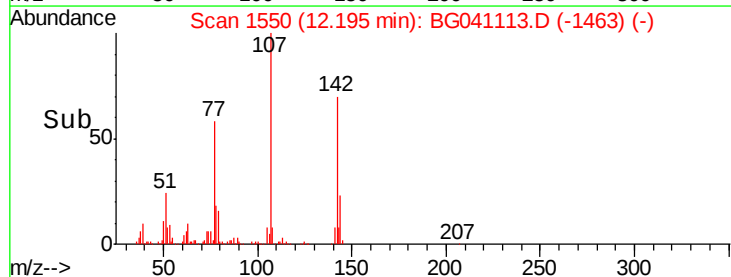
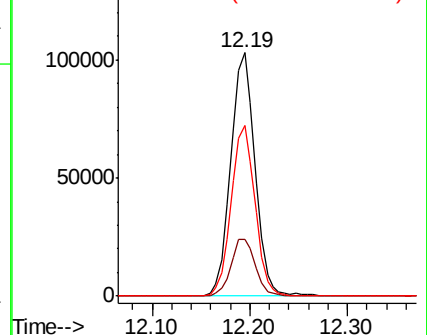
142 69.9 57.3 85.9

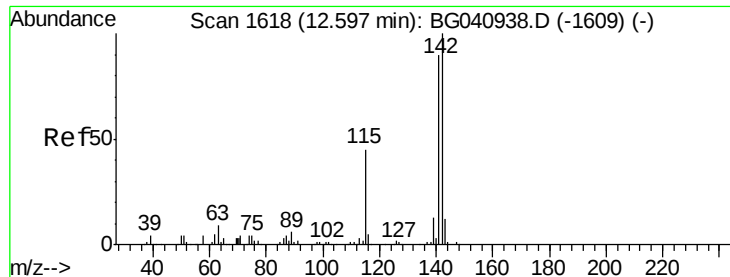


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.730 ng

RT: 12.58 min Scan# 1615

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

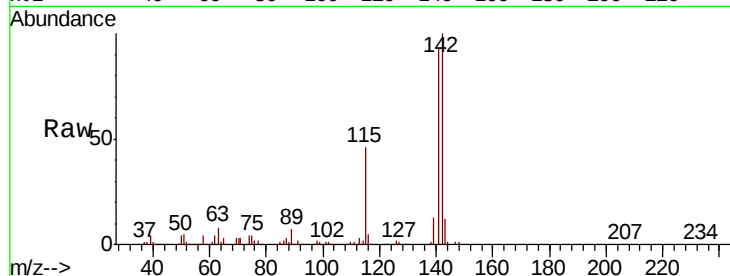
Tgt Ion:142 Resp: 309920

Ion Ratio Lower Upper

142 100

141 92.7 72.2 108.4

115 45.7 36.2 54.4

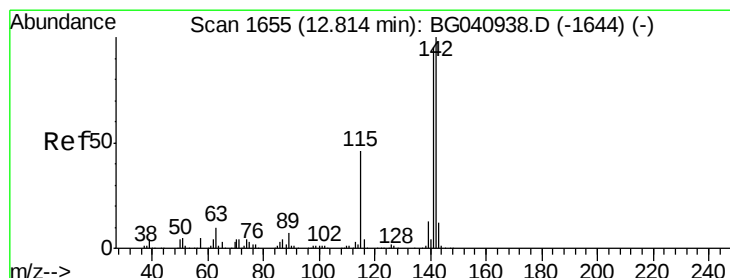
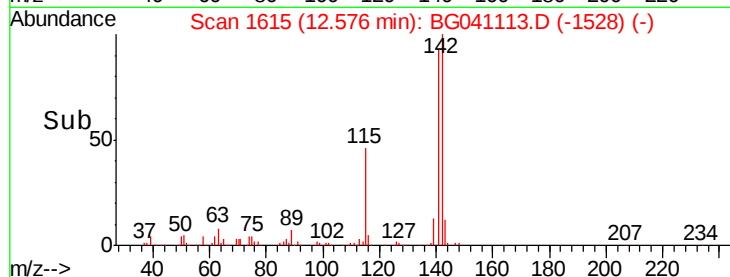
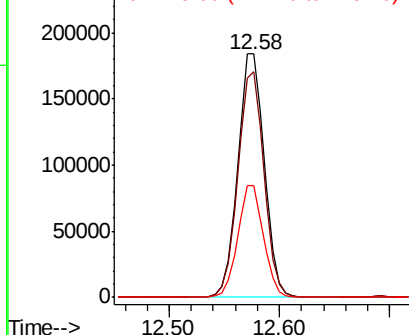


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.284 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

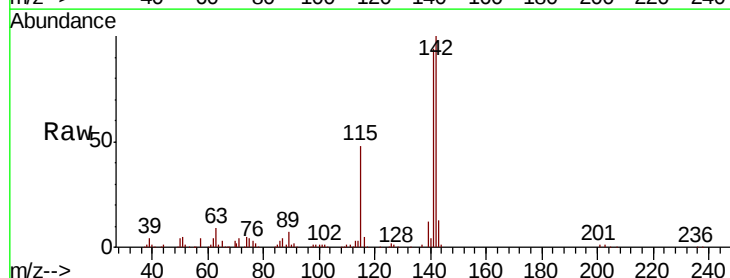
Tgt Ion:142 Resp: 295584

Ion Ratio Lower Upper

142 100

141 94.4 75.7 113.5

116 4.9 3.4 5.2

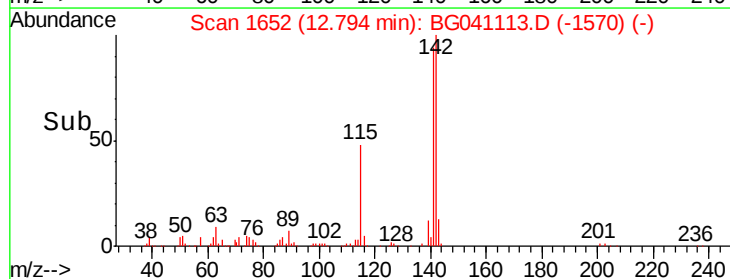
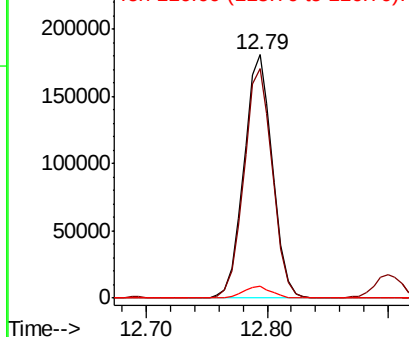


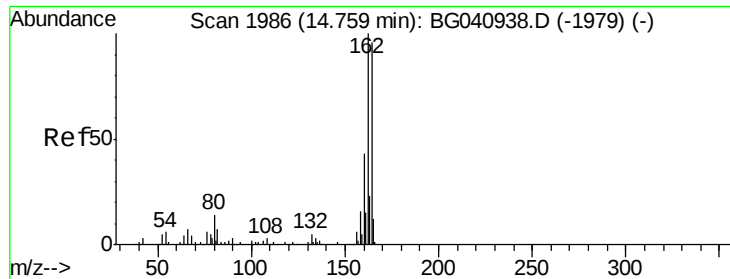
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

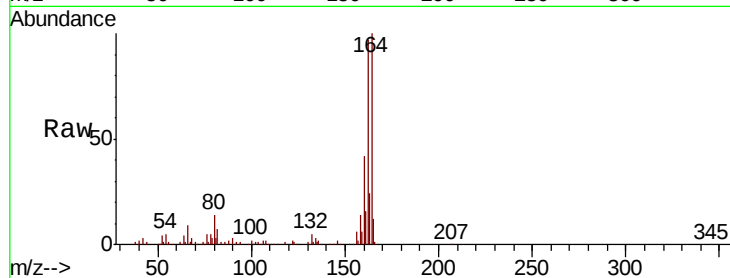
Tgt Ion:164 Resp: 124404

Ion Ratio Lower Upper

164 100

162 97.1 83.0 124.4

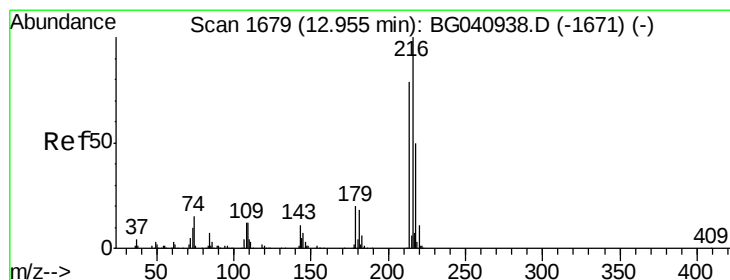
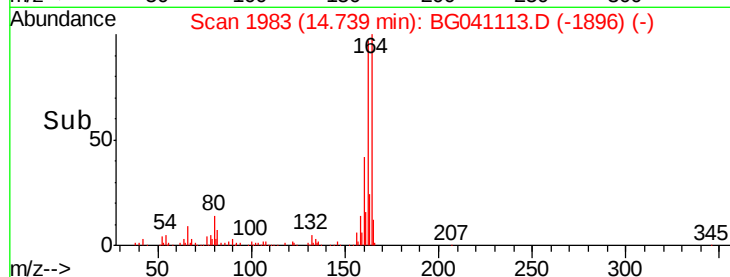
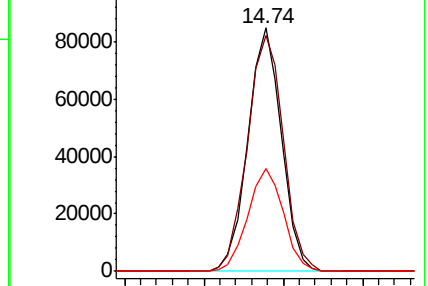
160 42.4 35.6 53.4



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: 45.364 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:216 Resp: 227462

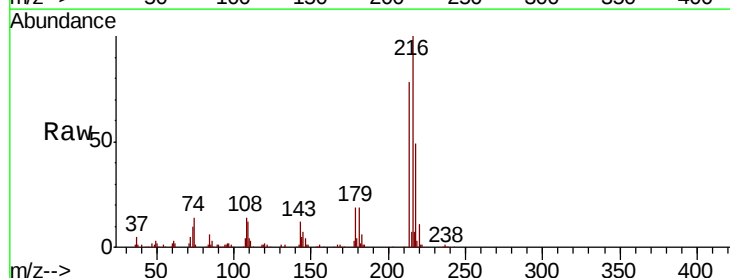
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 19.0 15.2 22.8

108 17.1 11.4 17.2

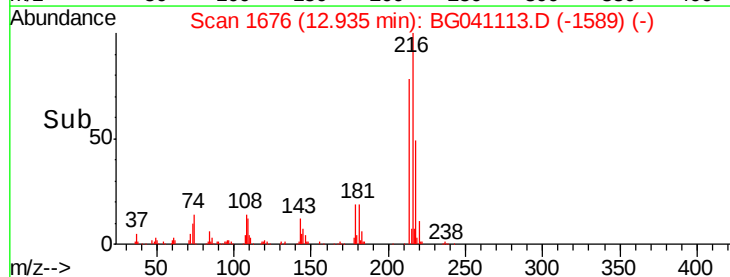
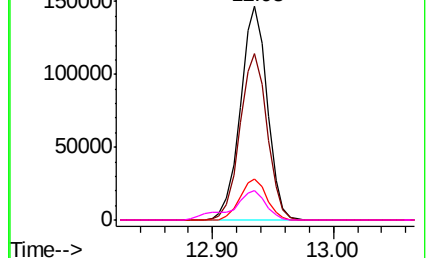


Abundance Ion 216.00 (215.70 to 216.70): E

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: 106.935 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

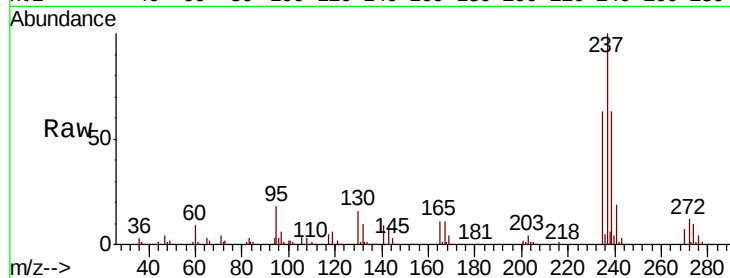
Tgt Ion:237 Resp: 296557

Ion Ratio Lower Upper

237 100

235 63.5 45.5 85.5

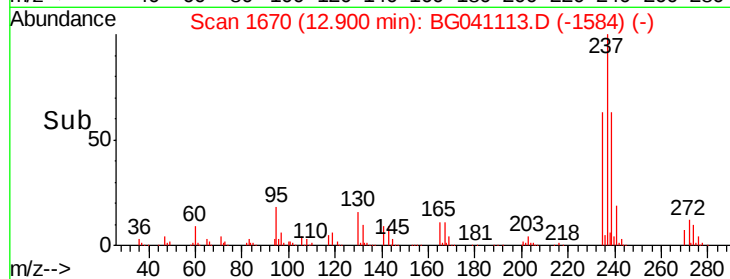
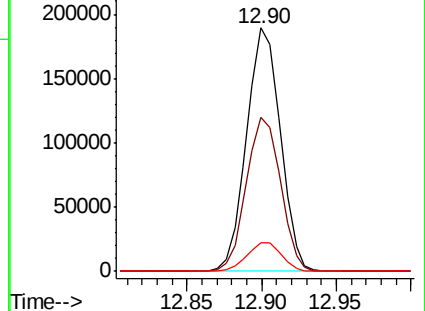
272 11.8 0.0 32.9



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: 127.631 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

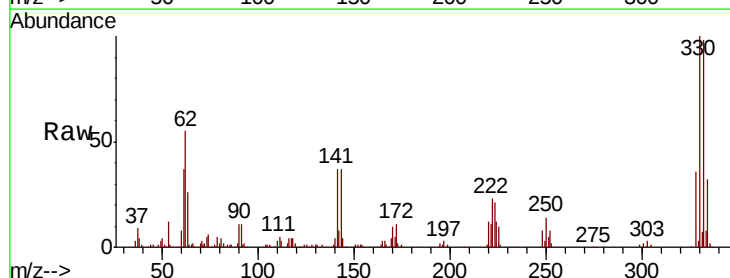
Tgt Ion:330 Resp: 235718

Ion Ratio Lower Upper

330 100

332 98.5 78.5 117.7

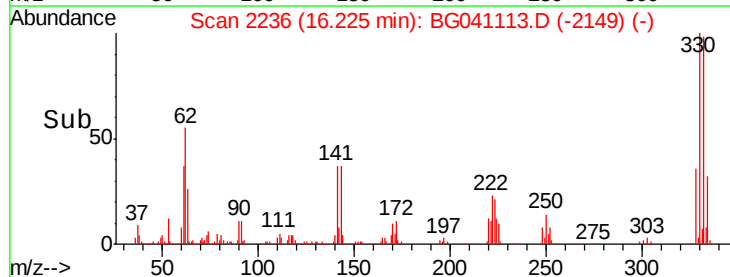
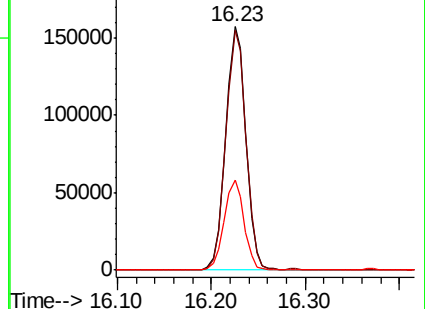
141 36.5 28.7 43.1



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

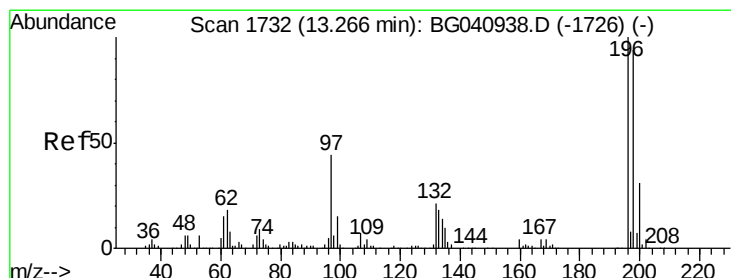
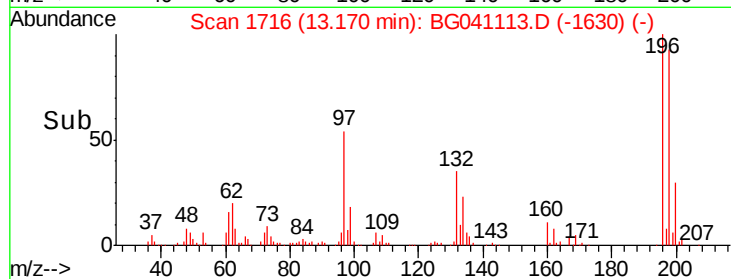
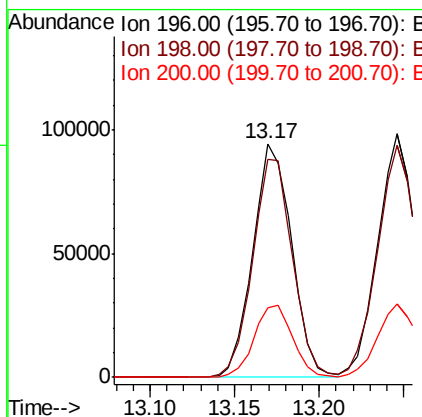
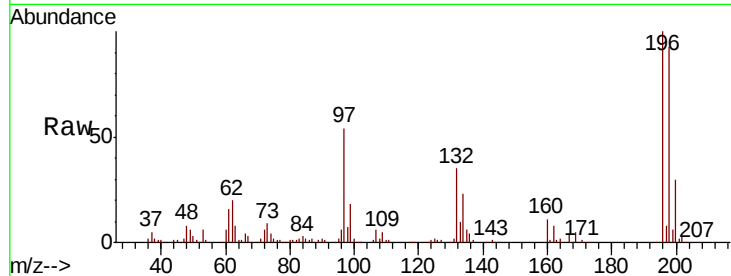




#43
 2,4,6-Trichlorophenol
 Concen: 46.583 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

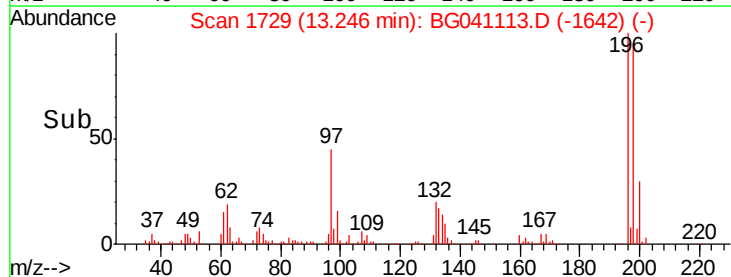
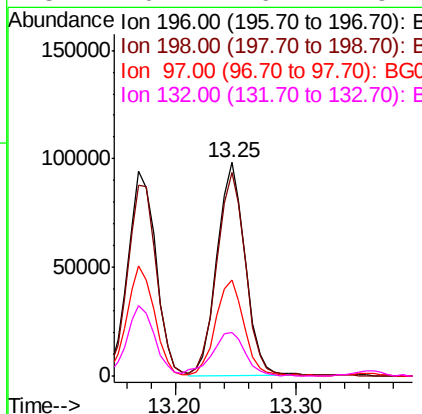
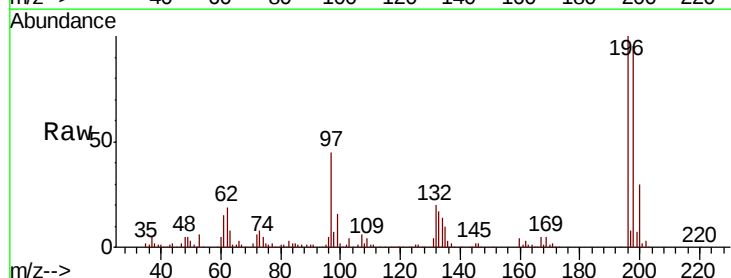
Instrument :
 BNA_G
 ClientSampled :
 PB120393BS

Tgt Ion:196 Resp: 151101
 Ion Ratio Lower Upper
 196 100
 198 93.2 73.8 110.6
 200 29.8 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.044 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion:196 Resp: 157513
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.1 112.7
 97 45.2 35.6 53.4
 132 20.1 16.7 25.1

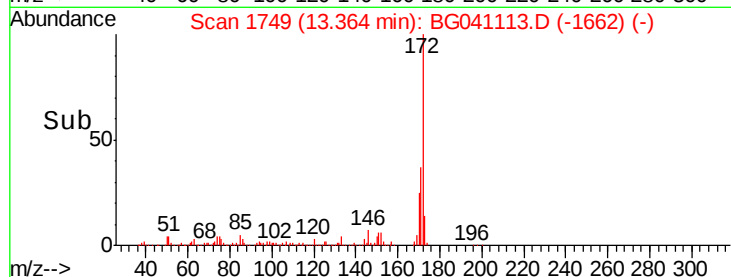
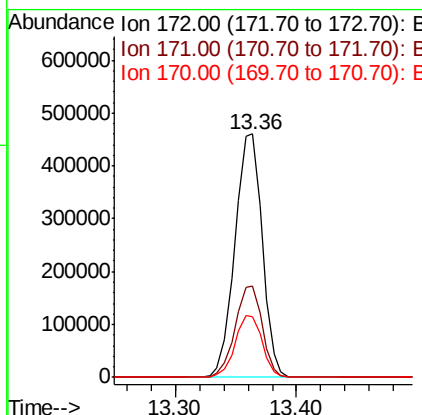
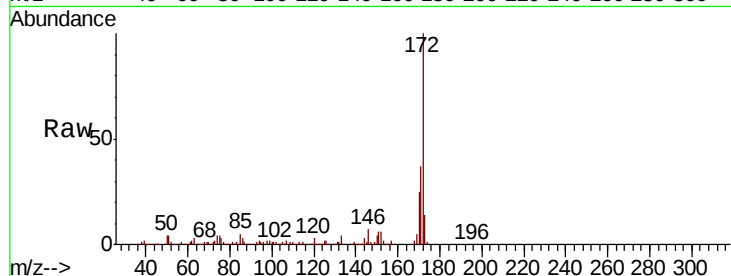




#45
 2-Fluorobiphenyl
 Concen: 83.963 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

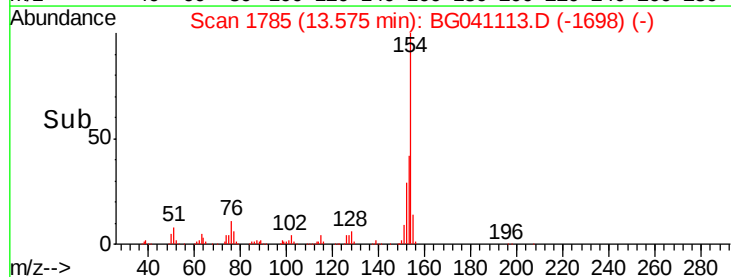
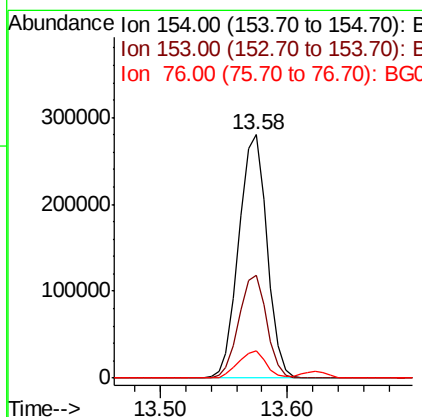
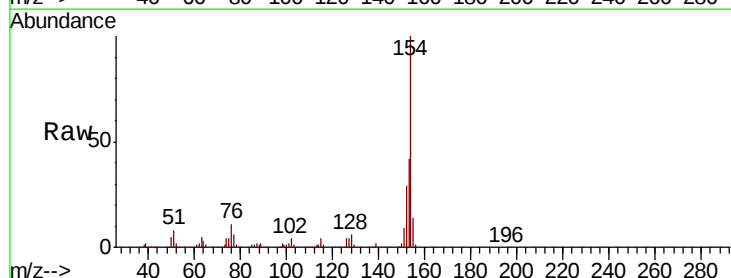
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

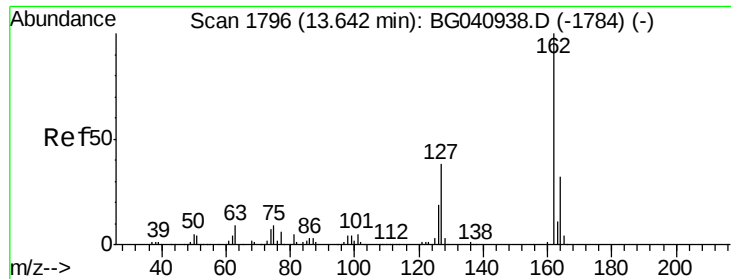
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.1	46.7
170	24.6	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 46.745 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.3	63.3
76	11.3	0.0	31.1

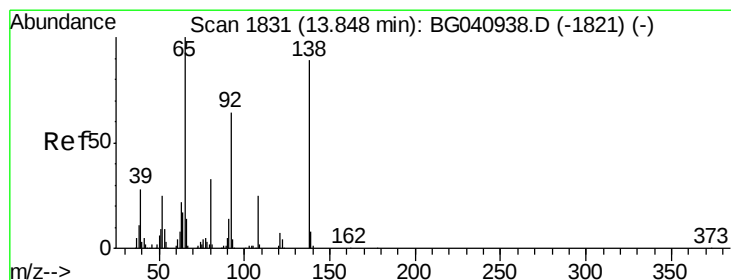
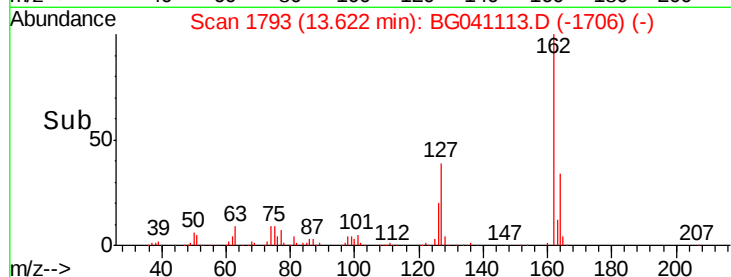
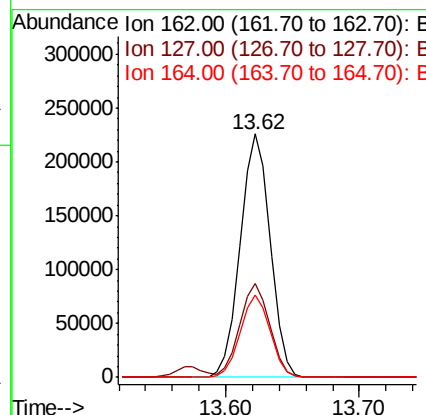
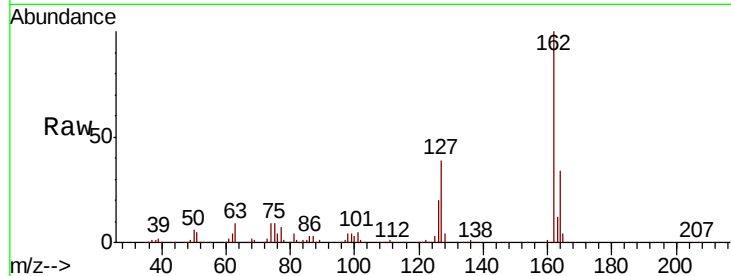




#47
 2-Chloronaphthalene
 Concen: 44.436 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

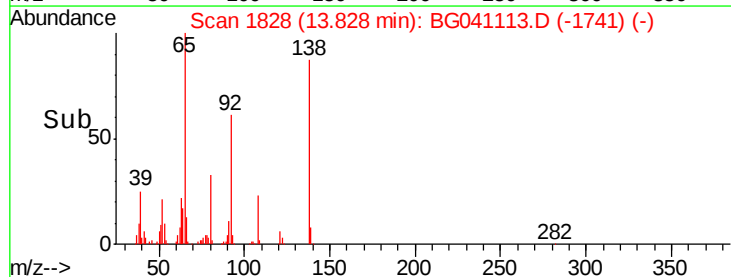
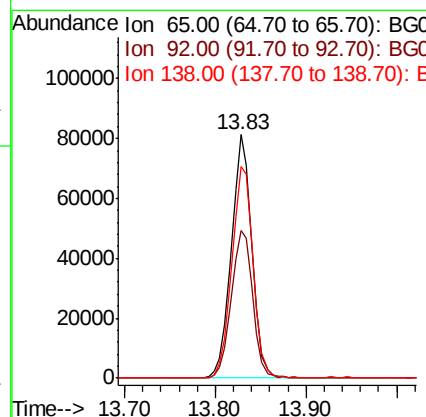
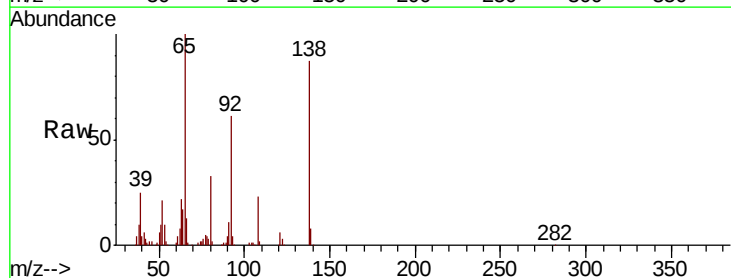
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

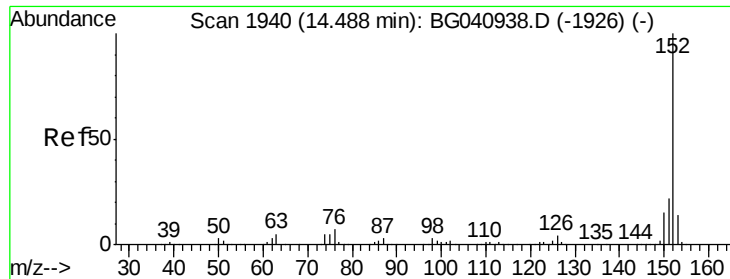
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.5	45.7
164	34.0	25.8	38.6



#48
 2-Nitroaniline
 Concen: 45.050 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	51.0	76.6
138	87.0	71.2	106.8





#49

Acenaphthylene

Concen: 46.548 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

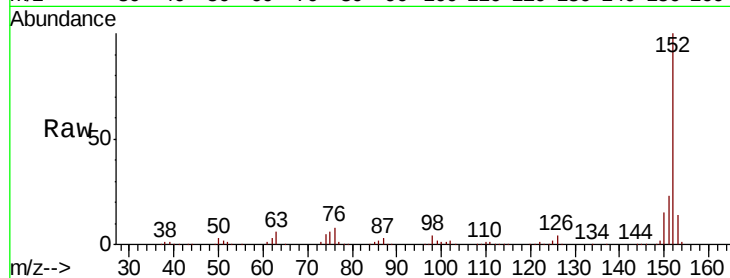
Tgt Ion:152 Resp: 553834

Ion Ratio Lower Upper

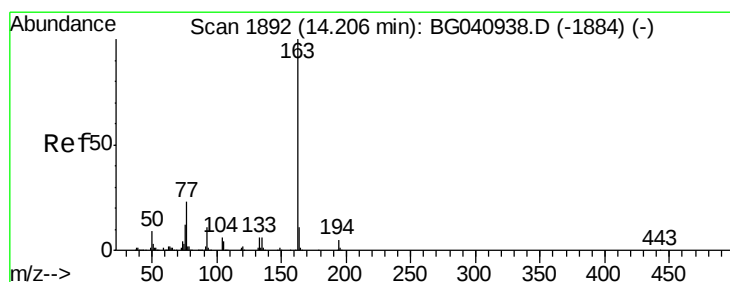
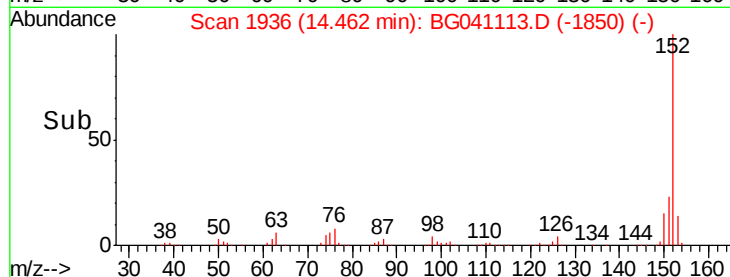
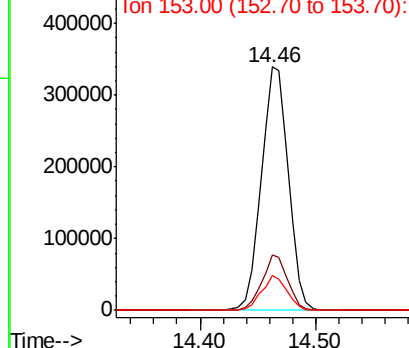
152 100

151 22.5 17.4 26.0

153 14.4 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: 44.324 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

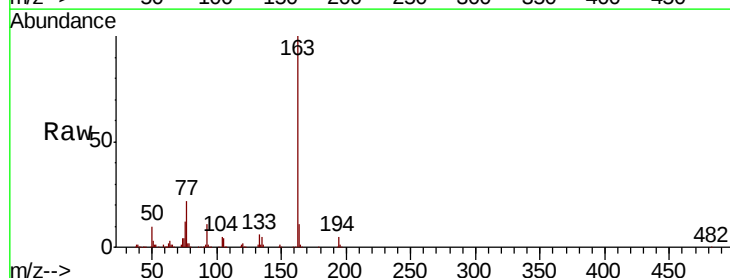
Tgt Ion:163 Resp: 466773

Ion Ratio Lower Upper

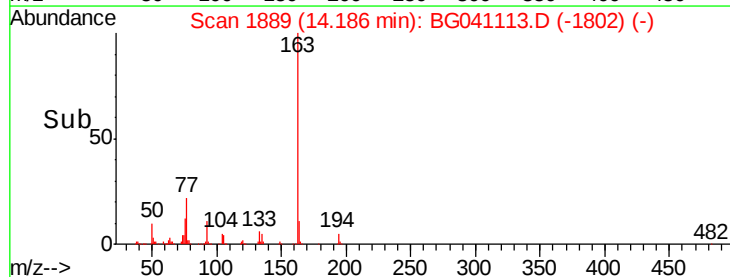
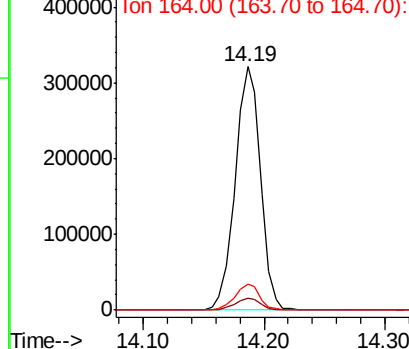
163 100

194 4.9 3.8 5.8

164 10.6 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

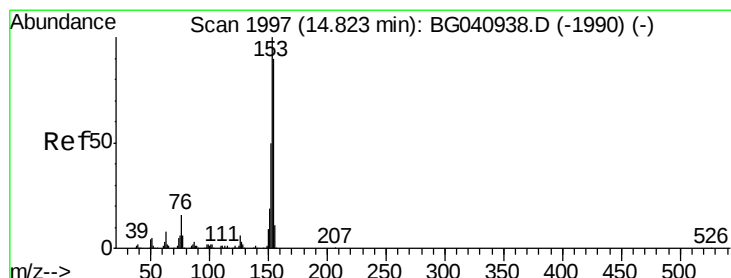
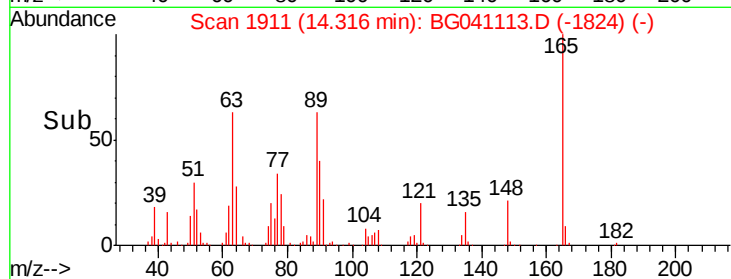
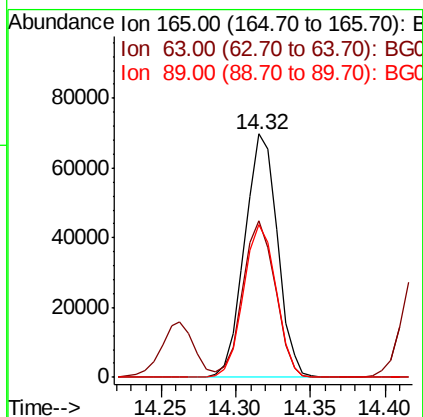
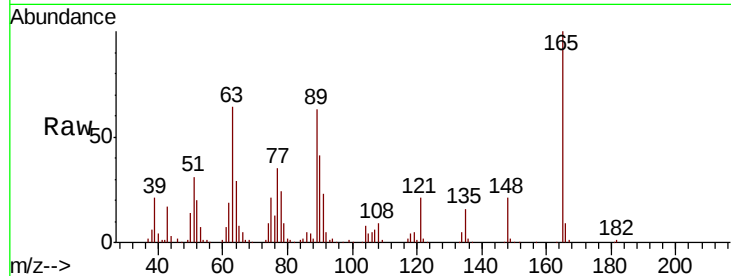




#51
 2,6-Dinitrotoluene
 Concen: 46.683 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

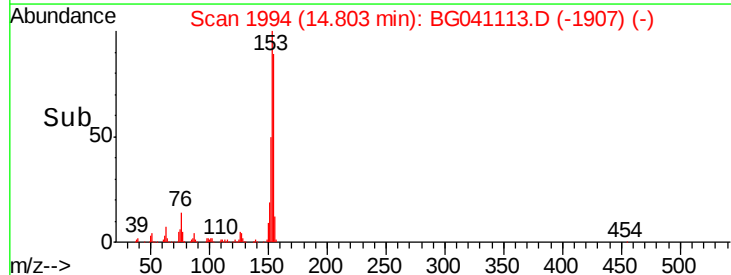
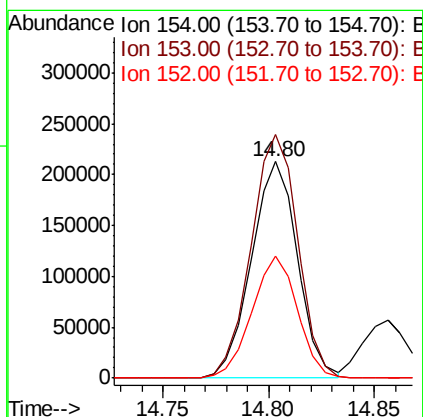
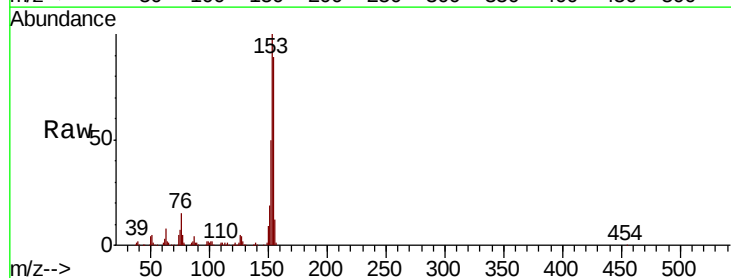
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tgt Ion:165 Resp: 105997
 Ion Ratio Lower Upper
 165 100
 63 64.3 53.6 80.4
 89 62.8 50.4 75.6



#52
 Acenaphthene
 Concen: 44.827 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion:154 Resp: 323103
 Ion Ratio Lower Upper
 154 100
 153 112.7 88.6 133.0
 152 56.3 44.2 66.4





#53

3-Nitroaniline

Concen: 30.438 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

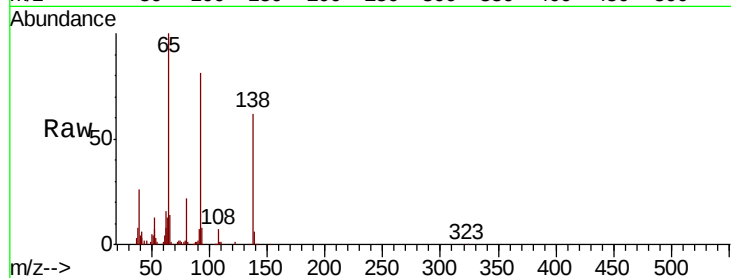
Tgt Ion:138 Resp: 69109

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

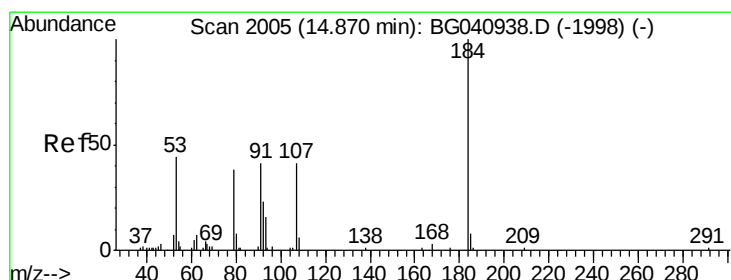
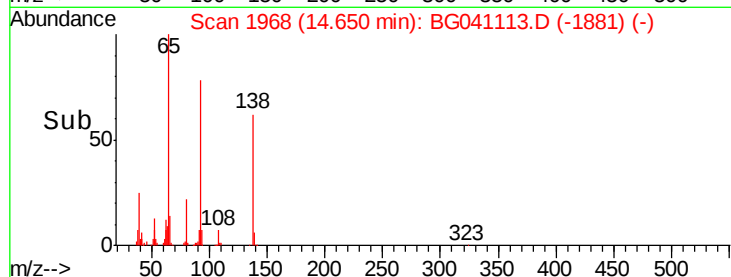
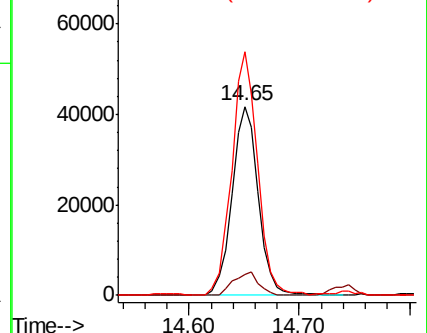
92 129.0 99.0 148.6



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: 103.282 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

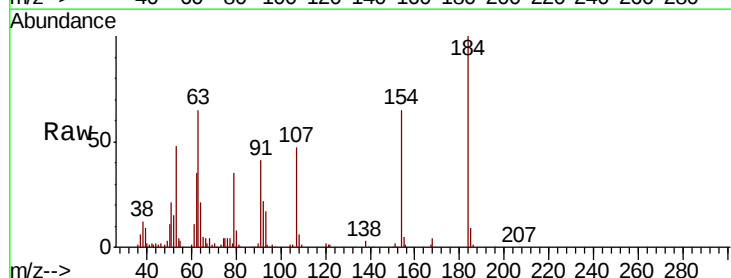
Tgt Ion:184 Resp: 137320

Ion Ratio Lower Upper

184 100

63 65.5 49.8 74.6

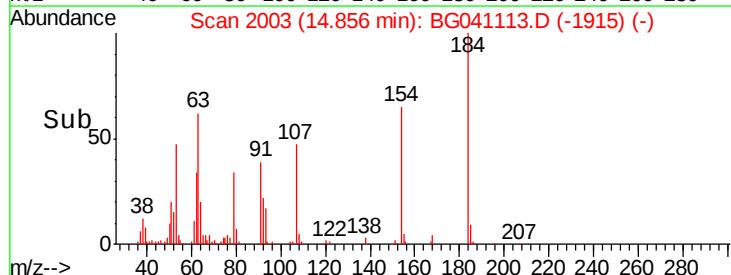
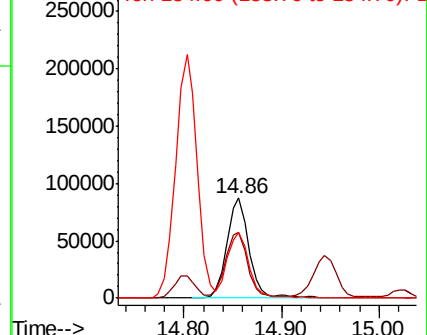
154 65.4 52.2 78.4



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: 46.324 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

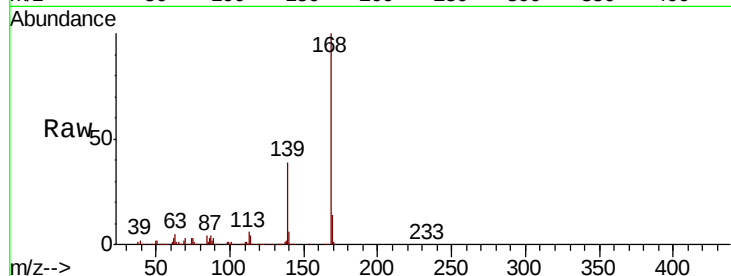
Tgt Ion:168 Resp: 561834

Ion Ratio Lower Upper

168 100

139 38.9 32.8 49.2

169 14.1 11.3 16.9

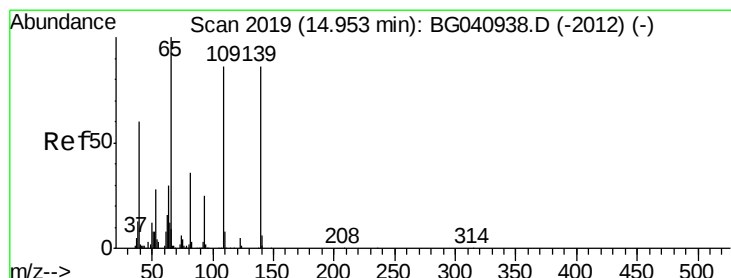
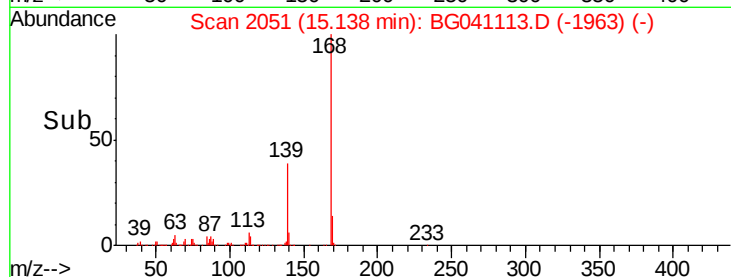
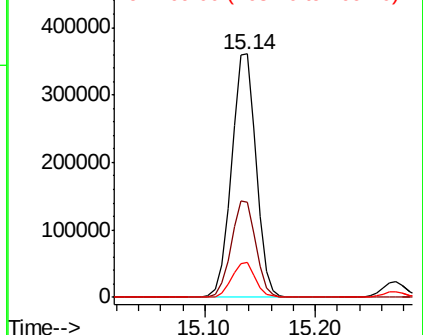


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 100.749 ng

RT: 14.94 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

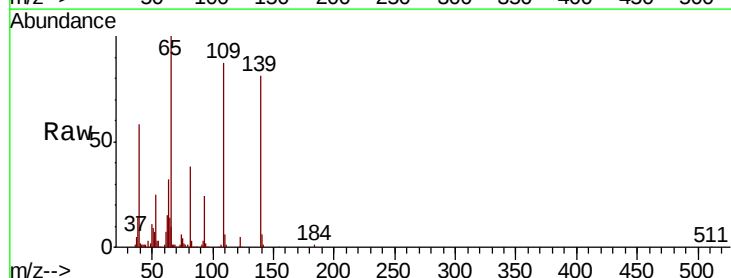
Tgt Ion:139 Resp: 156900

Ion Ratio Lower Upper

139 100

109 107.0 79.6 119.6

65 122.8 96.9 136.9

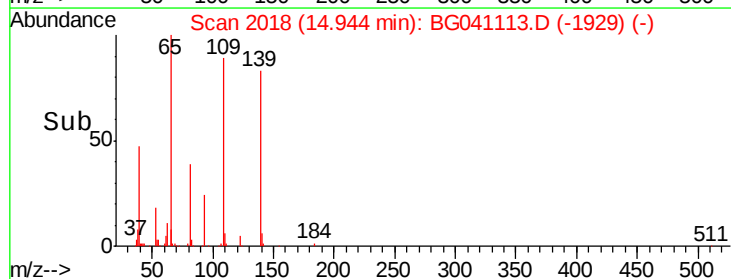
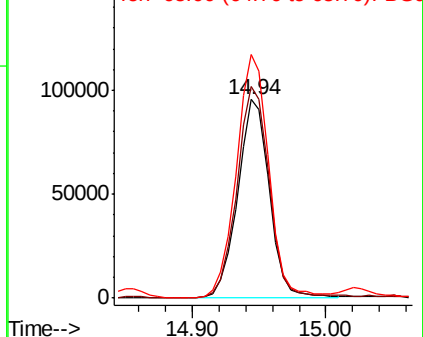


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 46.246 ng

RT: 15.10 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

Tgt Ion:165 Resp: 148326

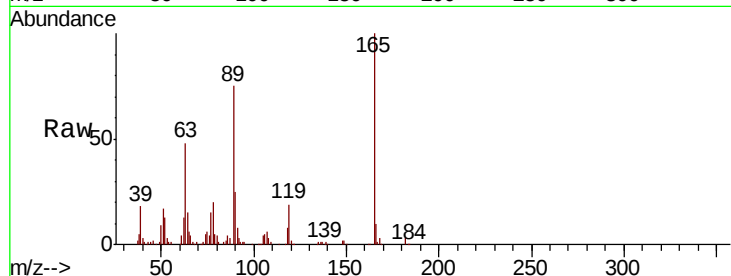
Ion Ratio Lower Upper

165 100

63 48.3 37.3 55.9

89 75.2 61.0 91.6

182 3.0 2.2 3.2

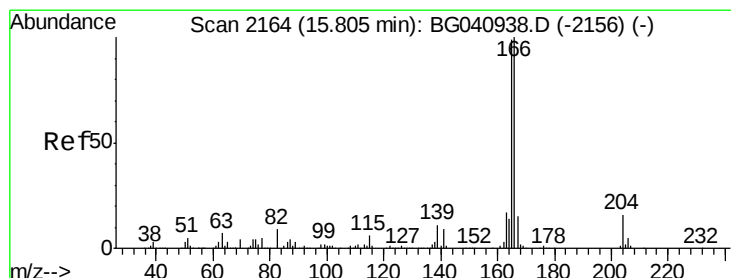
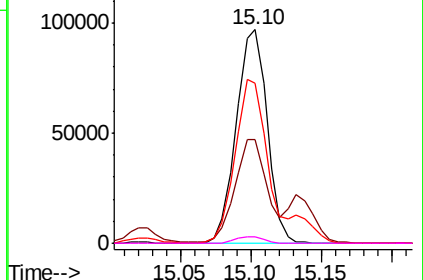
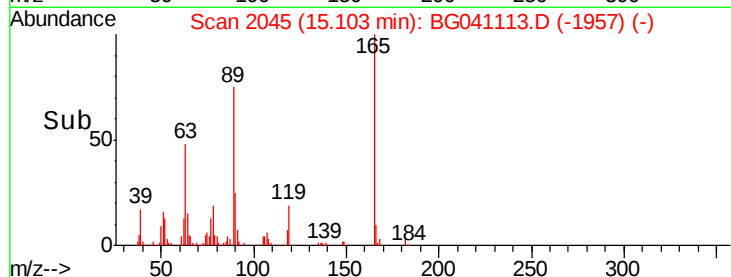


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.154 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

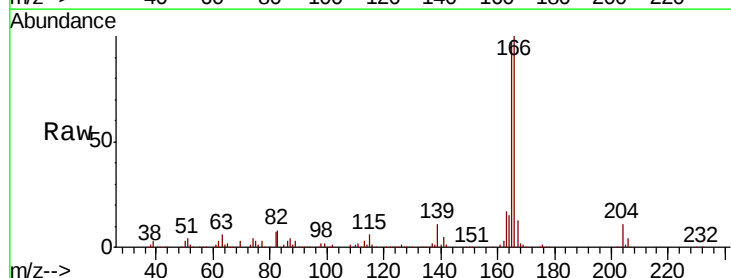
Tgt Ion:166 Resp: 436130

Ion Ratio Lower Upper

166 100

165 96.9 79.2 118.8

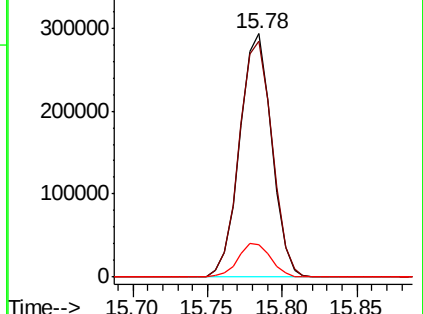
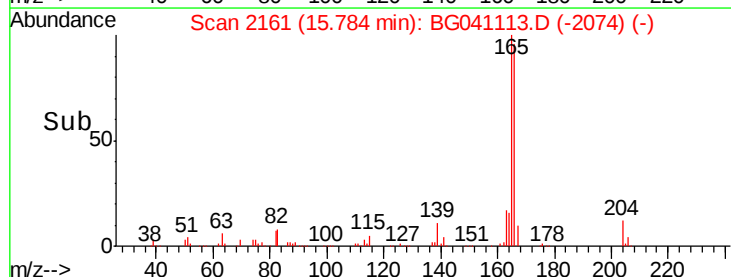
167 13.5 11.8 17.6

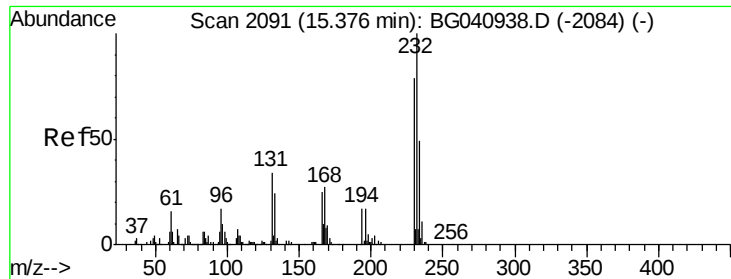


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

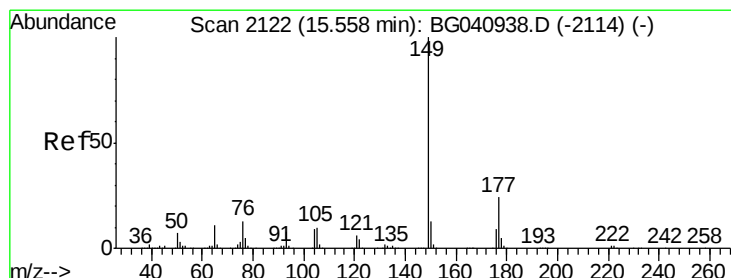
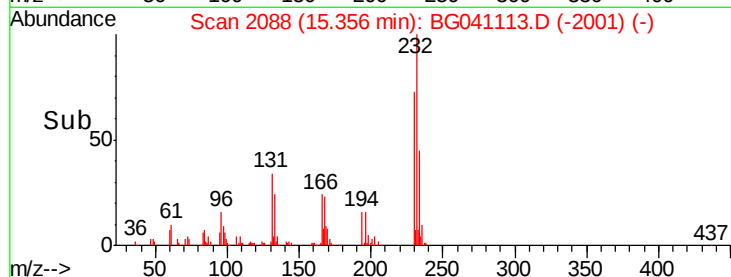
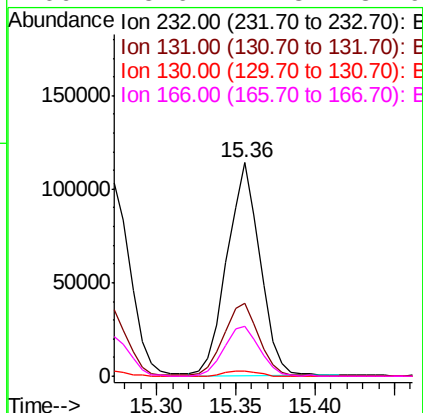
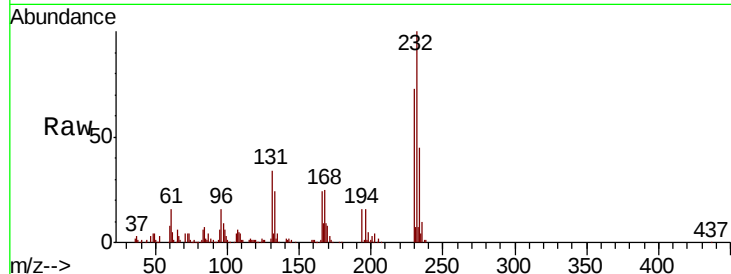




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.702 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

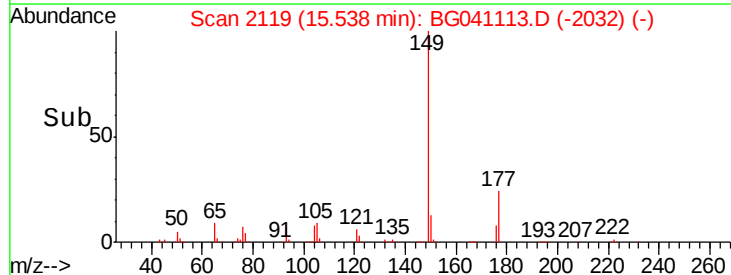
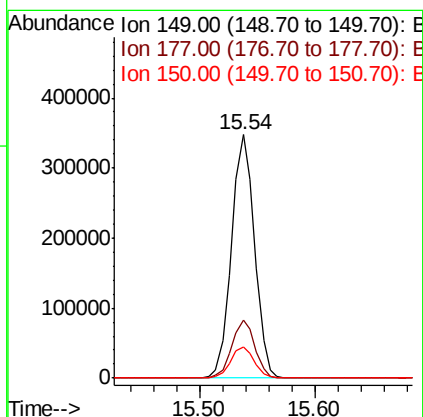
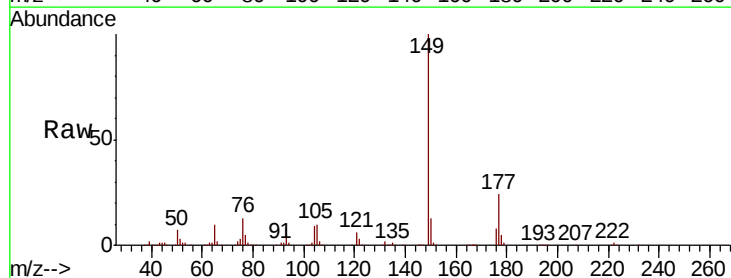
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tgt Ion:	232	Resp:	163731
Ion	Ratio	Lower	Upper
232	100		
131	37.6	30.3	45.5
130	2.5	1.8	2.8
166	25.6	21.3	31.9



#60
 Diethylphthalate
 Concen: 44.489 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion:	149	Resp:	478130
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.4	29.0
150	12.6	10.3	15.5

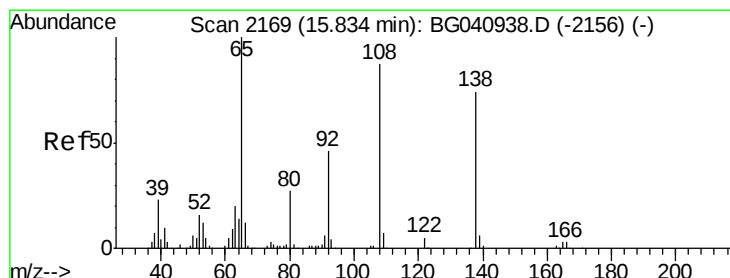
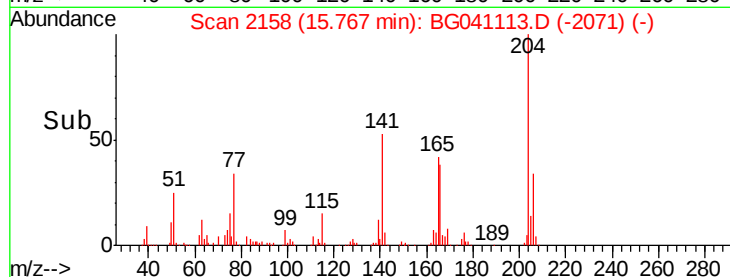
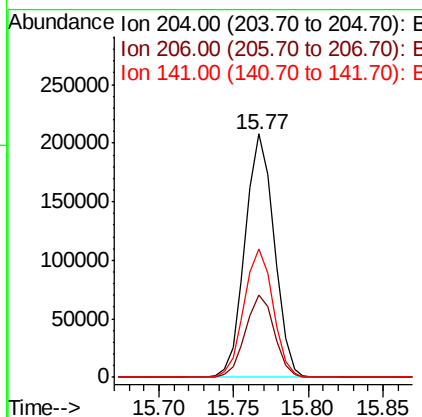
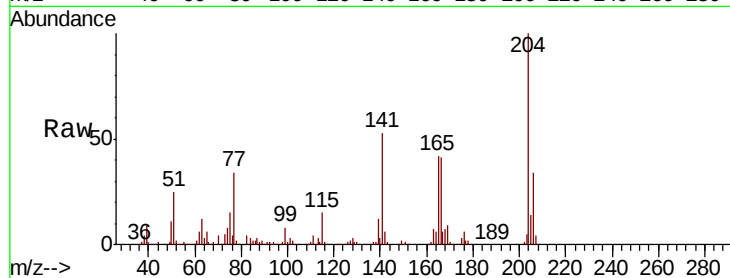




#61
 4-Chlorophenyl-phenylether
 Concen: 44.686 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

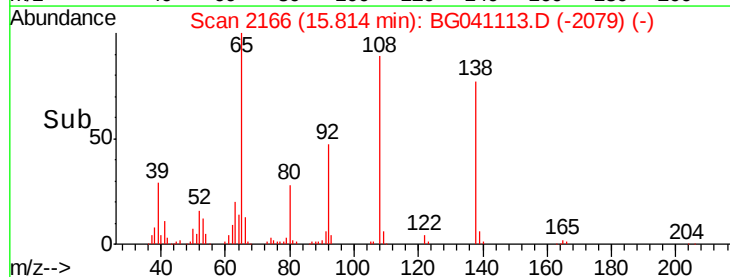
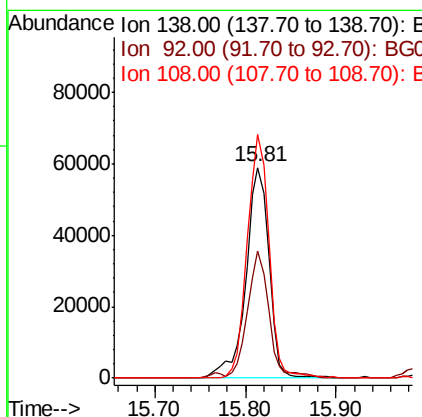
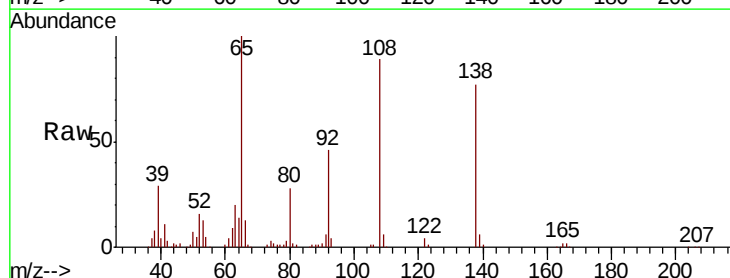
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tgt Ion: 204 Resp: 280543
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.6 41.4
 141 53.0 45.1 67.7



#62
 4-Nitroaniline
 Concen: 43.129 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion: 138 Resp: 103669
 Ion Ratio Lower Upper
 138 100
 92 60.2 42.4 82.4
 108 115.7 96.9 136.9

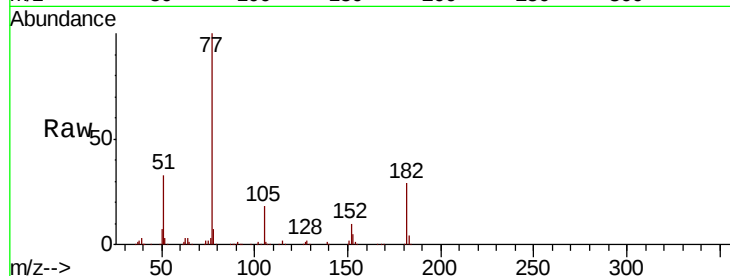




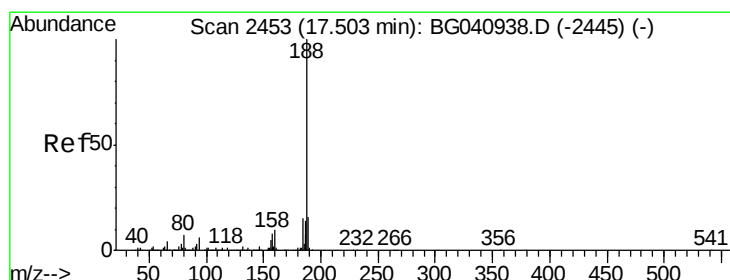
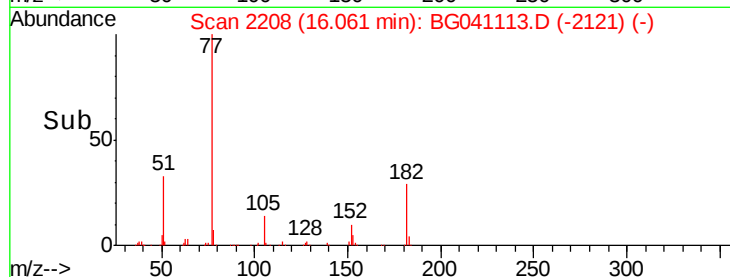
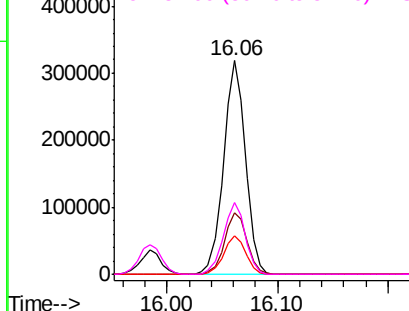
#63
Azobenzene
Concen: 45.162 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tgt Ion:	77	Resp:	441134
Ion	Ratio	Lower	Upper
77	100		
182	28.7	9.6	49.6
105	18.3	0.0	37.5
51	33.4	13.7	53.7

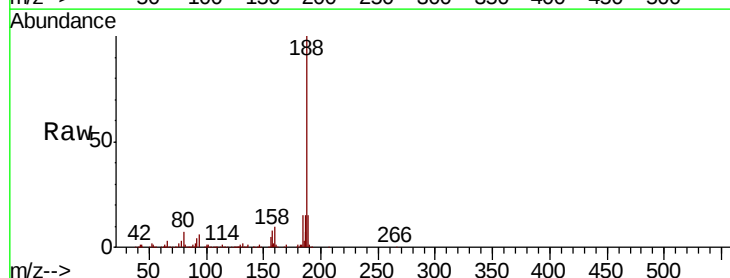


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

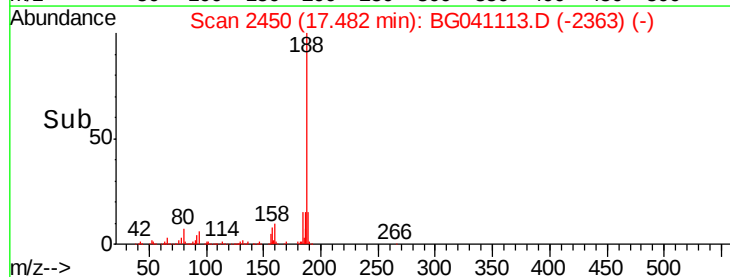
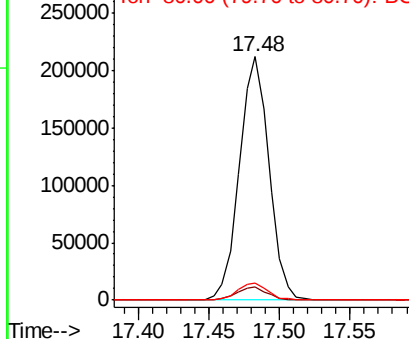


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion:	188	Resp:	310071
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	7.1	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

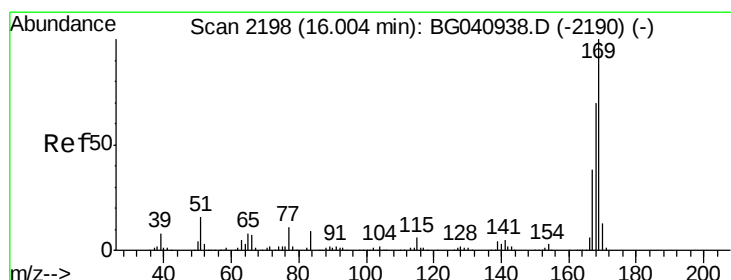
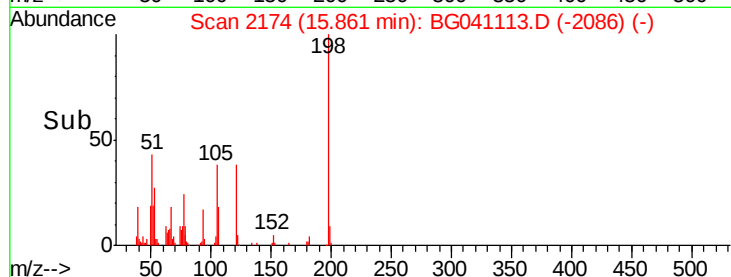
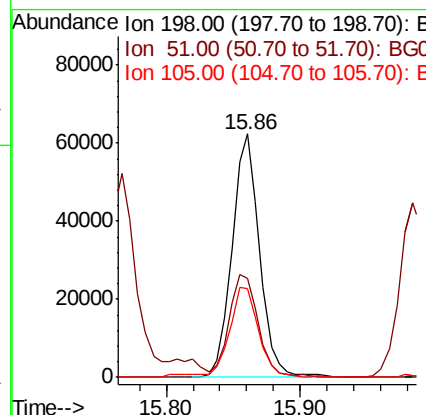
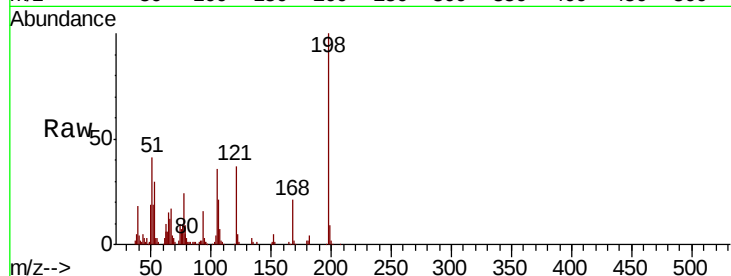




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.120 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

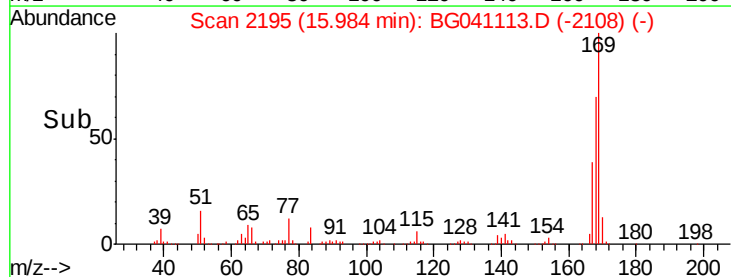
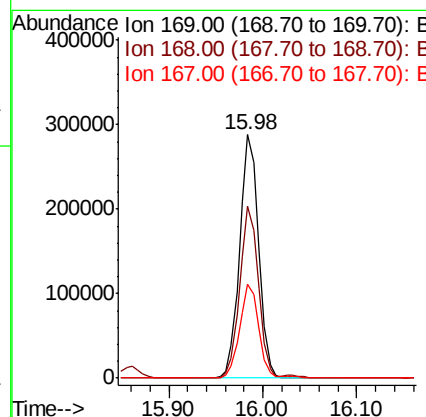
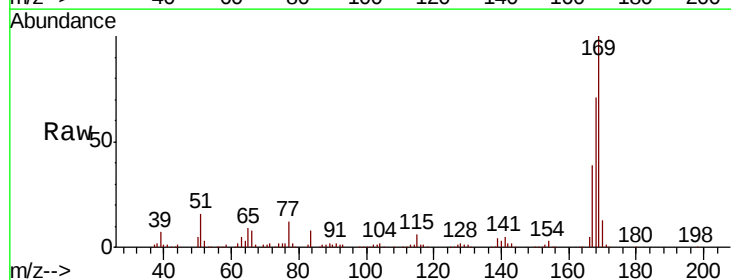
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

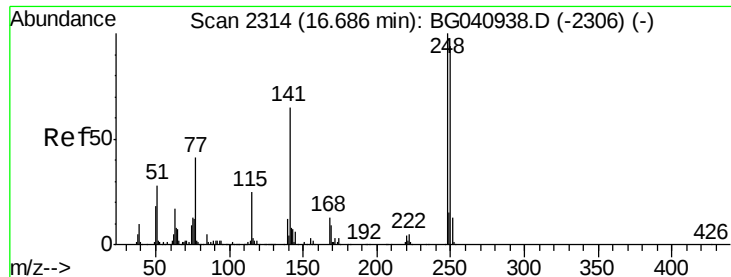
Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.6	21.6	61.6
105	36.4	17.5	57.5



#66
 n-Nitrosodiphenylamine
 Concen: 46.125 ng
 RT: 15.98 min Scan# 2195
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.7	83.5
167	38.6	30.2	45.2

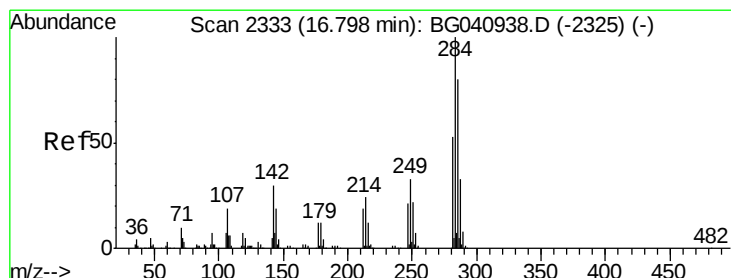
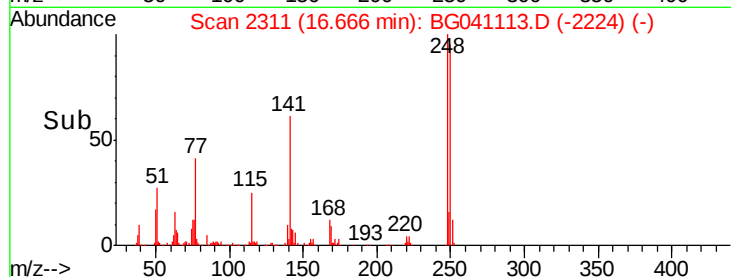
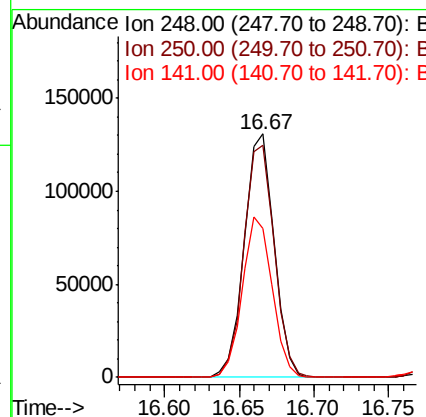
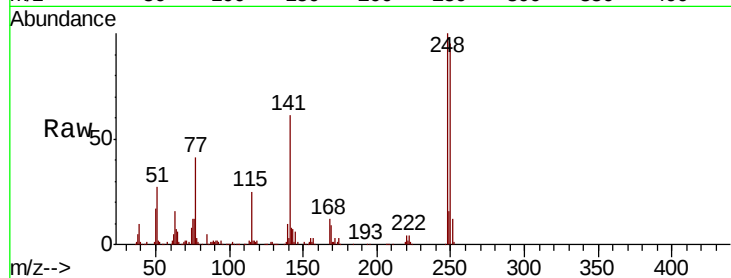




#67
4-Bromophenyl-phenylether
Concen: 43.267 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

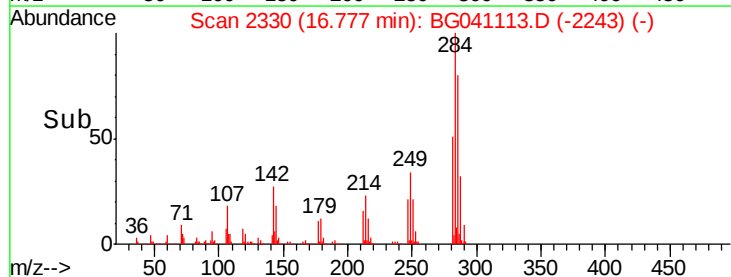
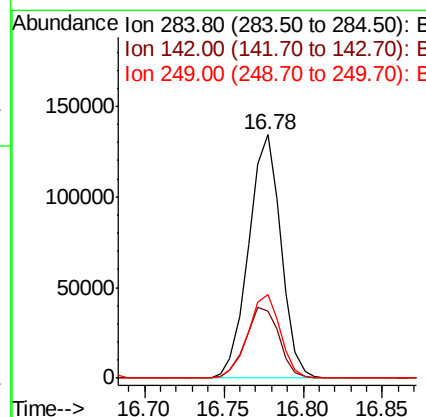
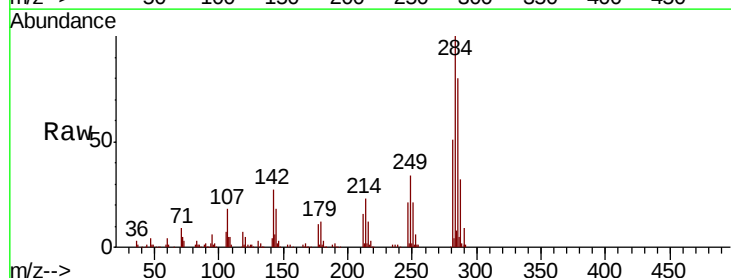
Instrument :
BNA_G
ClientSampleId :
PB120393BS

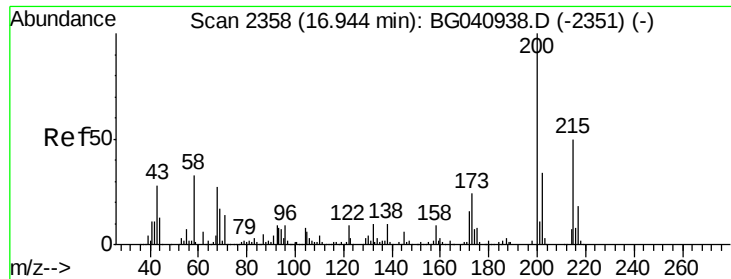
Tgt Ion:248 Resp: 181052
Ion Ratio Lower Upper
248 100
250 95.1 75.0 112.4
141 61.4 52.4 78.6



#68
Hexachlorobenzene
Concen: 42.639 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion:284 Resp: 189992
Ion Ratio Lower Upper
284 100
142 27.3 23.9 35.9
249 34.5 26.8 40.2





#69

Atrazine

Concen: 50.935 ng

RT: 16.92 min Scan# 2355

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

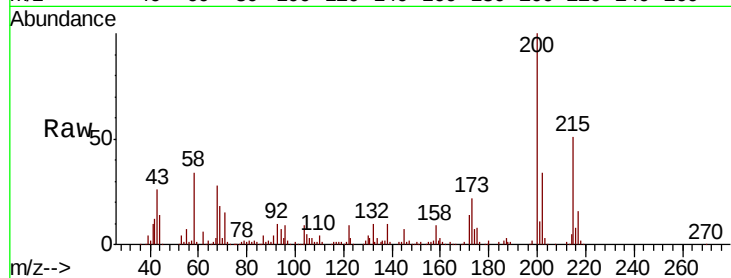
Tgt Ion:200 Resp: 171310

Ion Ratio Lower Upper

200 100

173 22.3 3.6 43.6

215 51.3 29.6 69.6

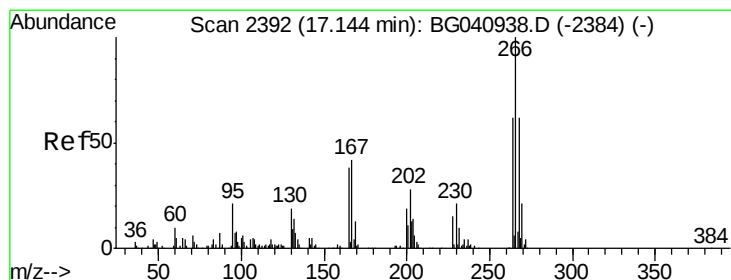
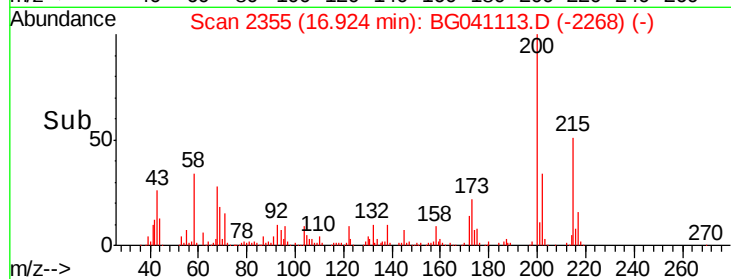
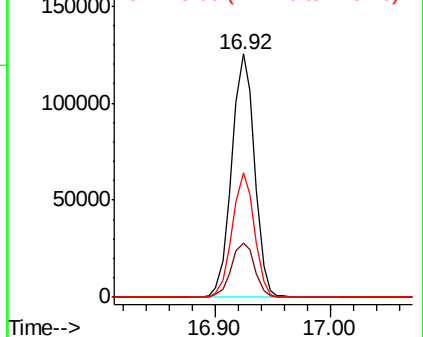


Abundance

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: 93.526 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

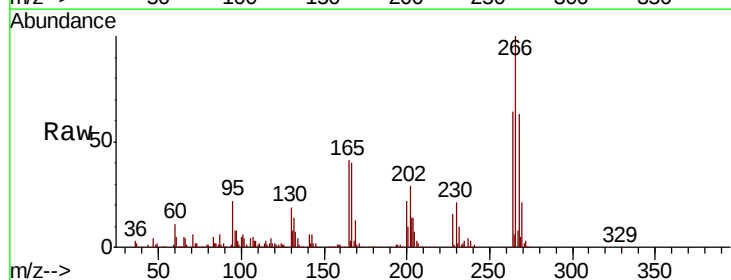
Tgt Ion:266 Resp: 225061

Ion Ratio Lower Upper

266 100

268 62.8 53.1 79.7

264 64.4 49.9 74.9

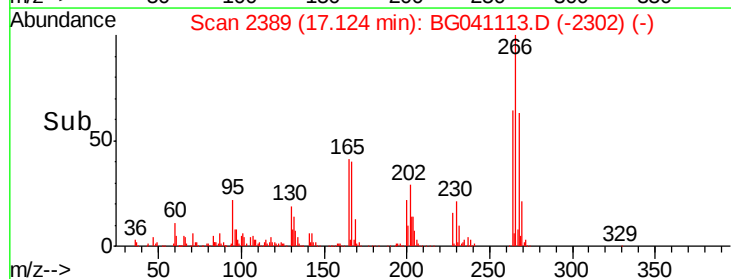
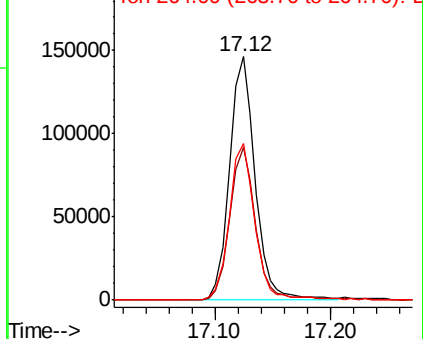


Abundance

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: 46.845 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

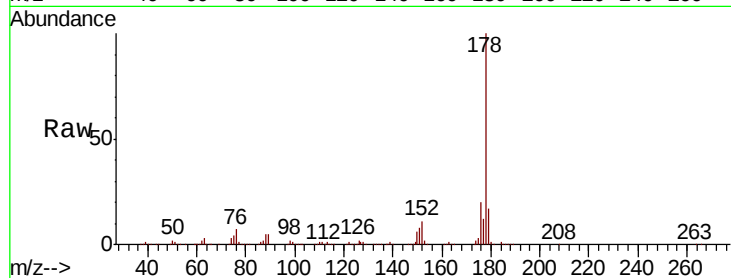
Tgt Ion:178 Resp: 756602

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

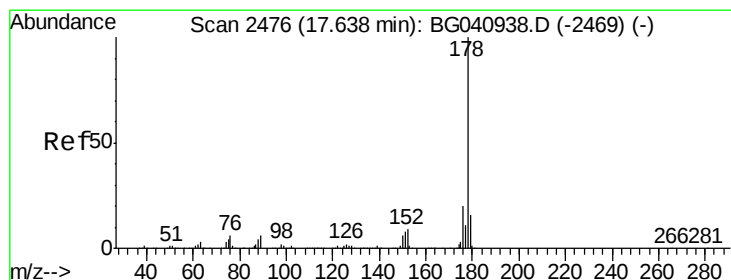
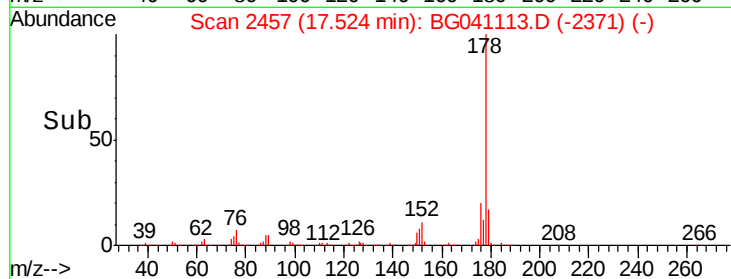
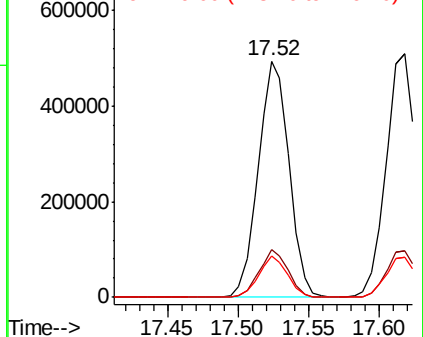
179 17.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.030 ng

RT: 17.62 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

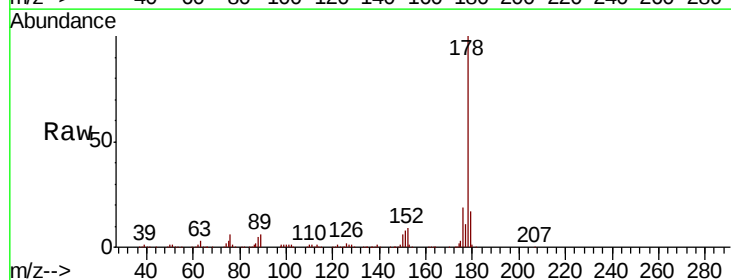
Tgt Ion:178 Resp: 765094

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

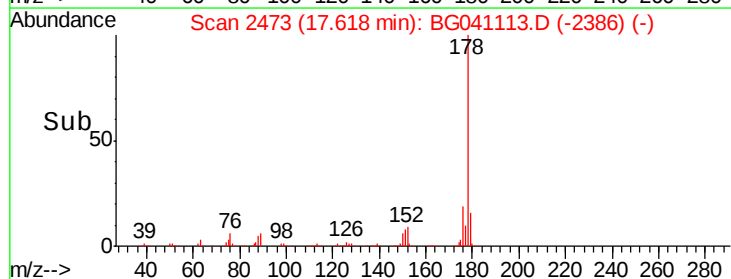
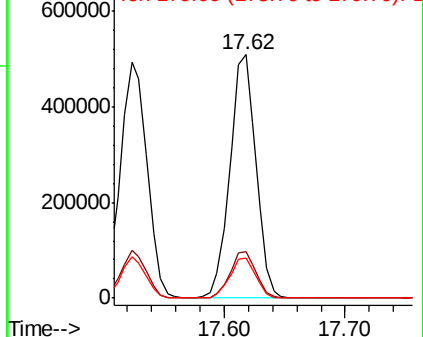
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

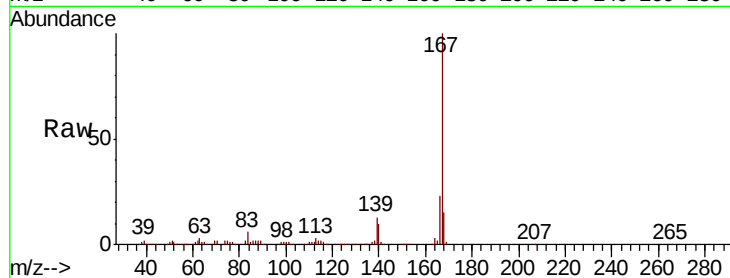




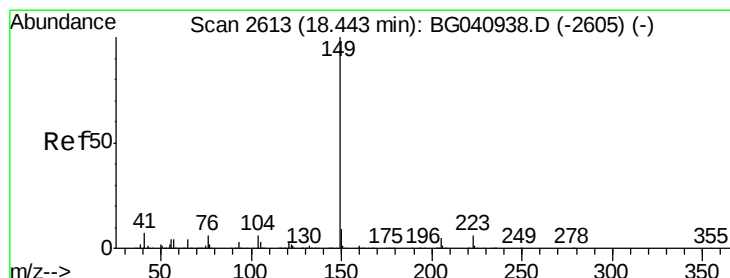
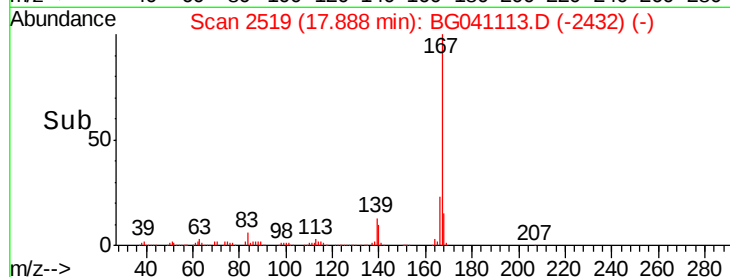
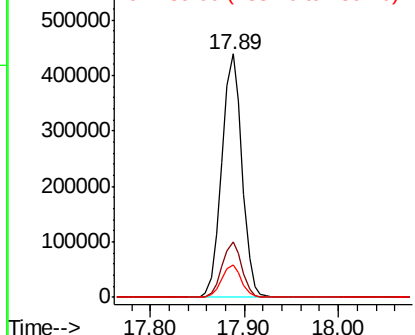
#73
 Carbazole
 Concen: 48.179 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tgt Ion:	167	Resp:	658517
Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.2	10.8	16.2

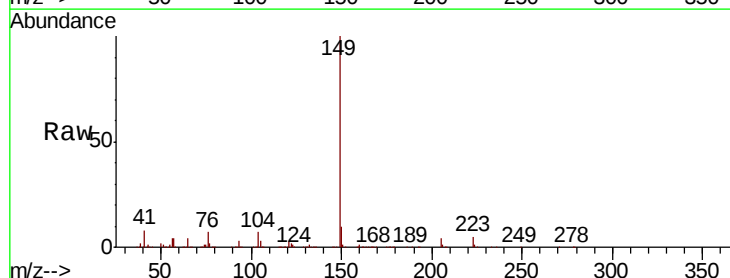


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

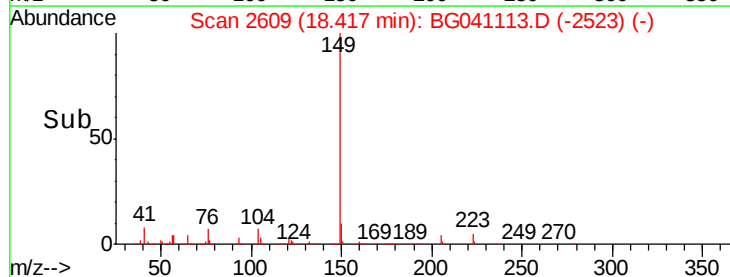
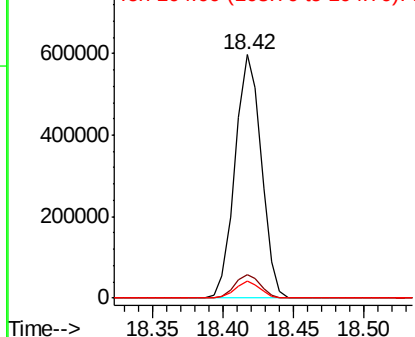


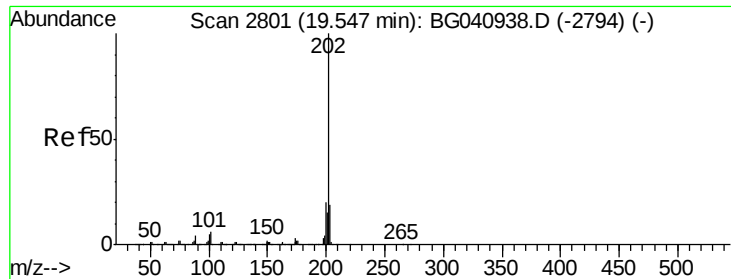
#74
 Di-n-butylphthalate
 Concen: 45.671 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion:	149	Resp:	775851
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.2
104	6.9	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.101 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

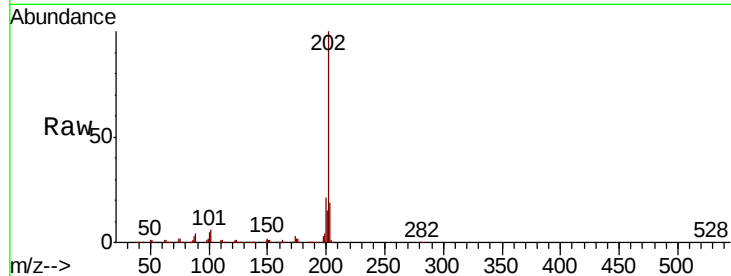
Tgt Ion:202 Resp: 959583

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.2

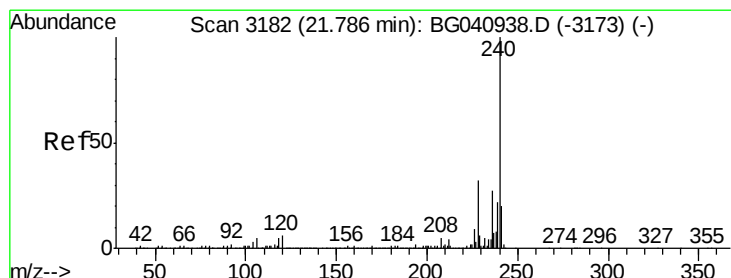
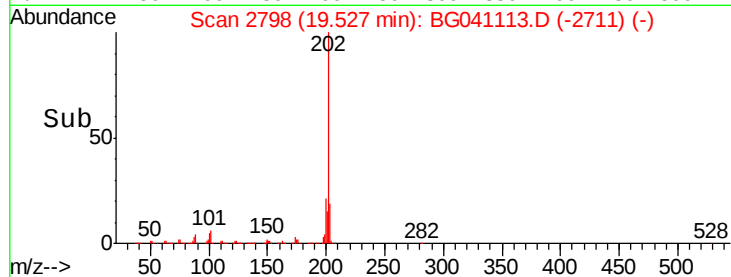
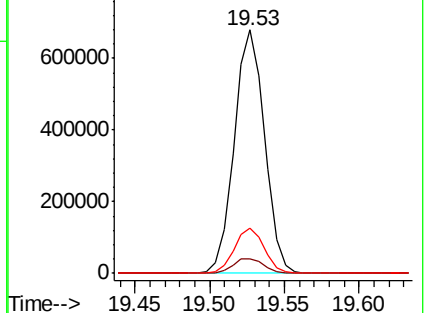
203 18.7 0.0 38.7



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: BG041113.D

Acq: 8 Jun 2019 00:57

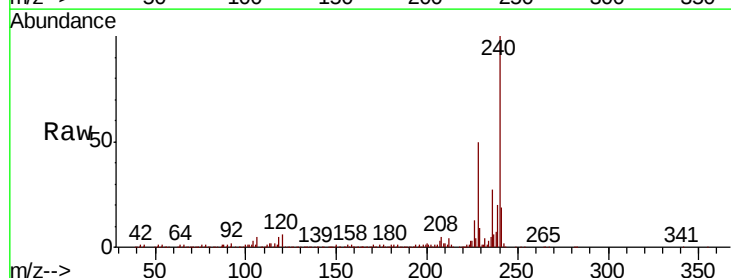
Tgt Ion:240 Resp: 311372

Ion Ratio Lower Upper

240 100

120 5.8 4.5 6.7

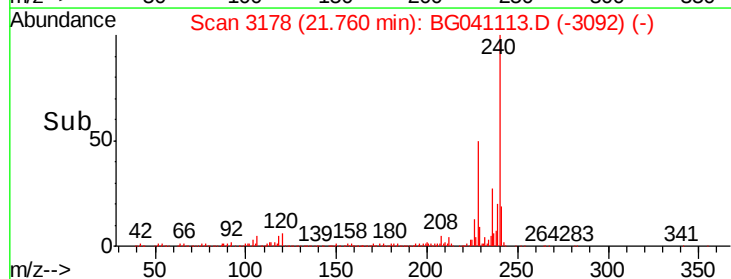
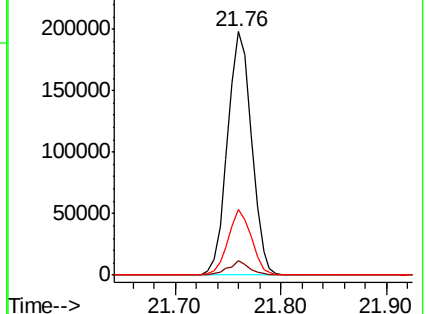
236 27.2 21.3 31.9



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: 48.813 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

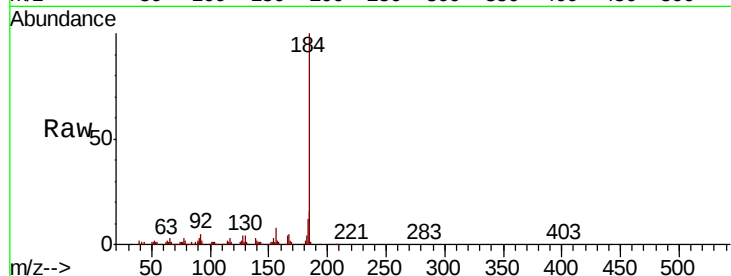
Tgt Ion:184 Resp: 362579

Ion Ratio Lower Upper

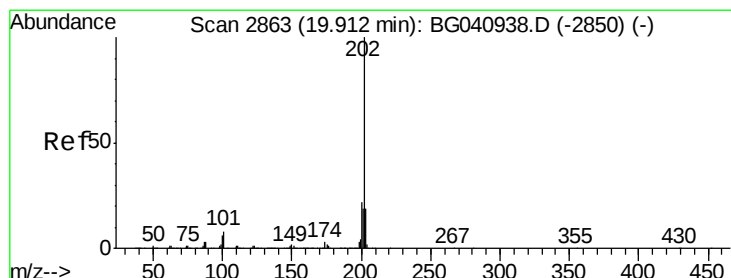
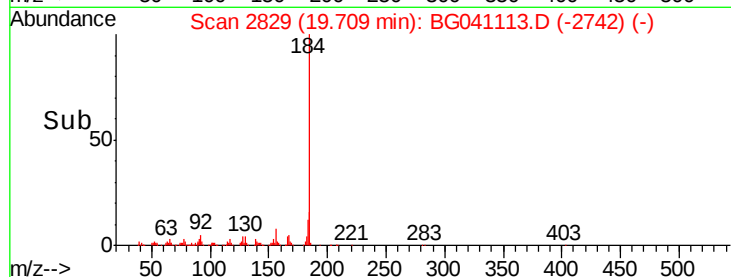
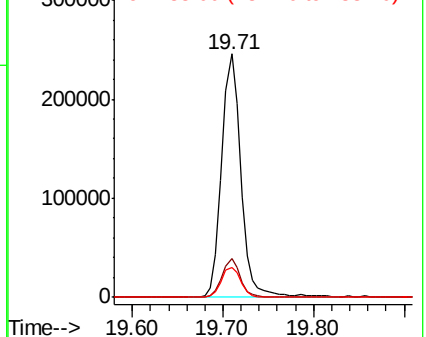
184 100

185 15.9 13.3 19.9

183 12.2 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: 47.579 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

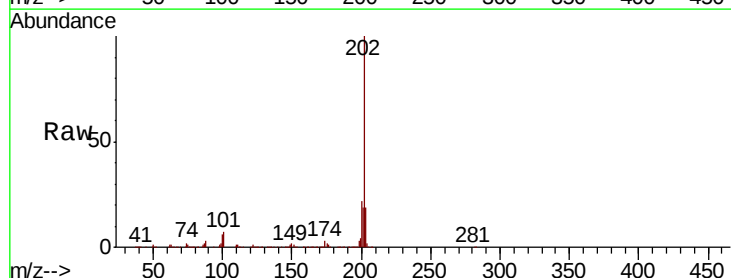
Tgt Ion:202 Resp: 963061

Ion Ratio Lower Upper

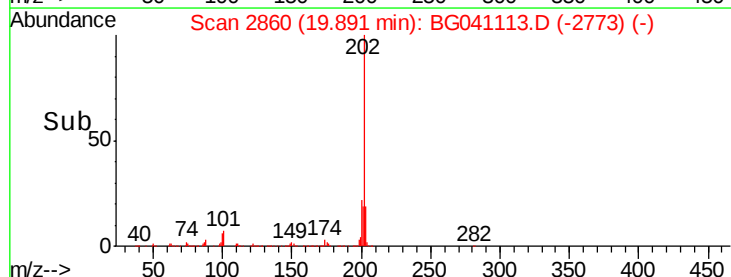
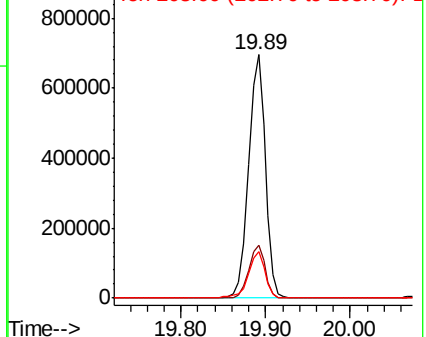
202 100

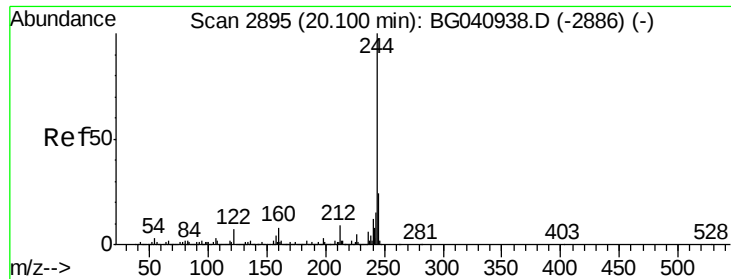
200 21.7 17.5 26.3

203 19.2 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: 86.879 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

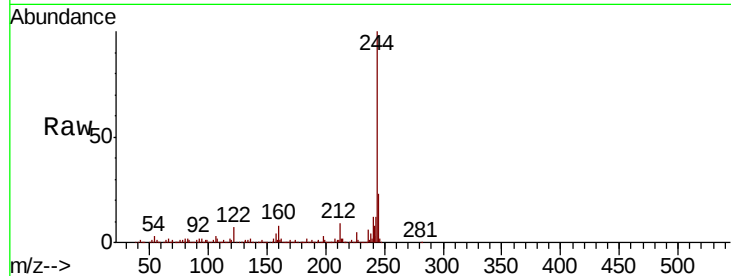
Tgt Ion:244 Resp: 1274617

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

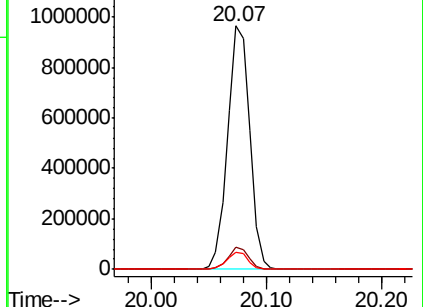
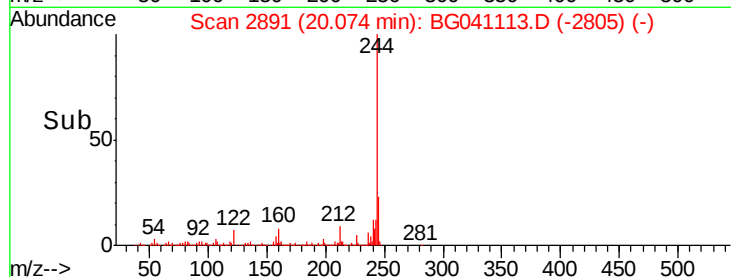
122 7.2 5.4 8.0



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: 46.347 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

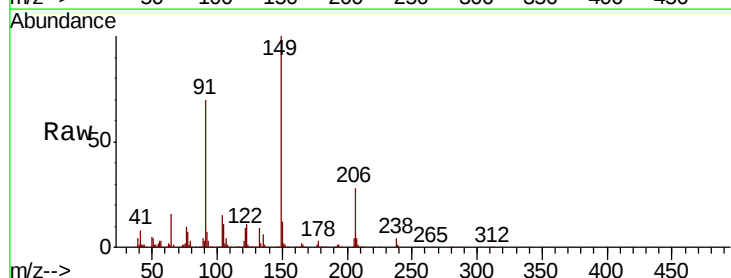
Tgt Ion:149 Resp: 365079

Ion Ratio Lower Upper

149 100

91 70.1 56.5 84.7

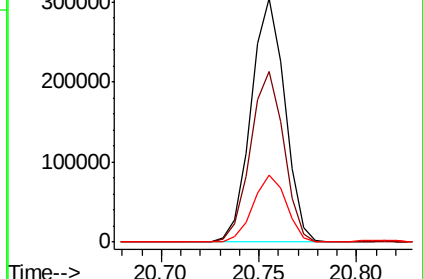
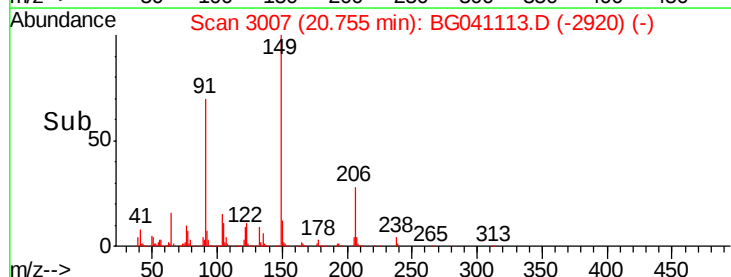
206 27.6 20.3 30.5

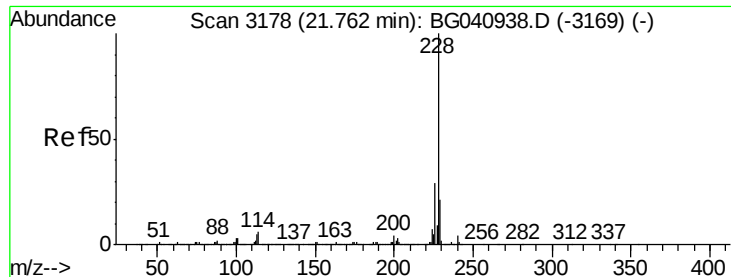


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.143 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

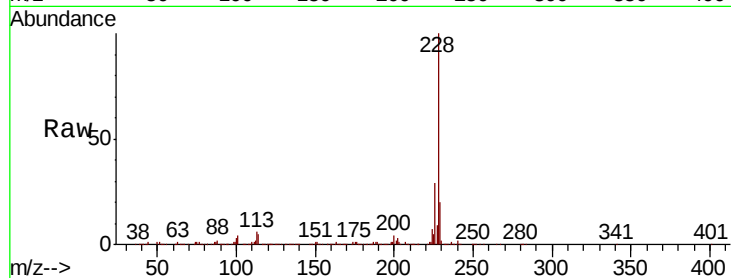
Tgt Ion:228 Resp: 935672

Ion Ratio Lower Upper

228 100

226 28.7 23.5 35.3

229 20.5 16.7 25.1

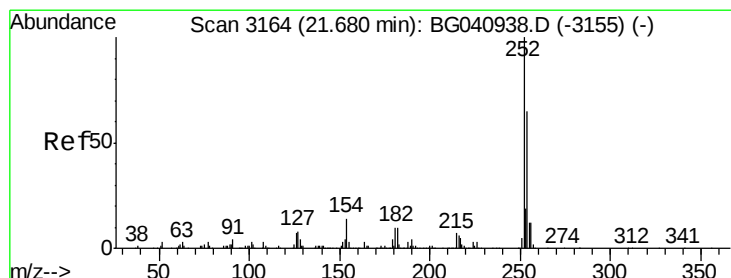
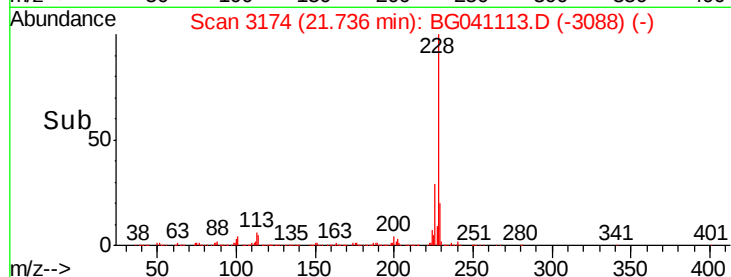
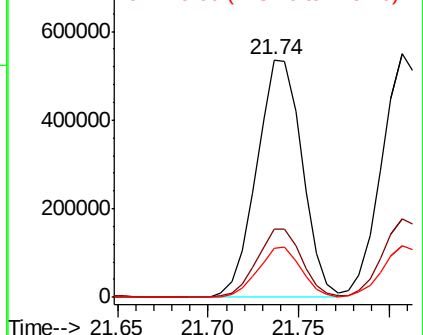


Abundance

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: 29.551 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

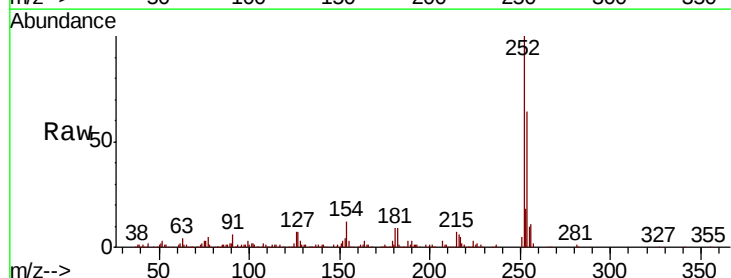
Tgt Ion:252 Resp: 215433

Ion Ratio Lower Upper

252 100

254 64.1 52.1 78.1

126 7.2 5.5 8.3

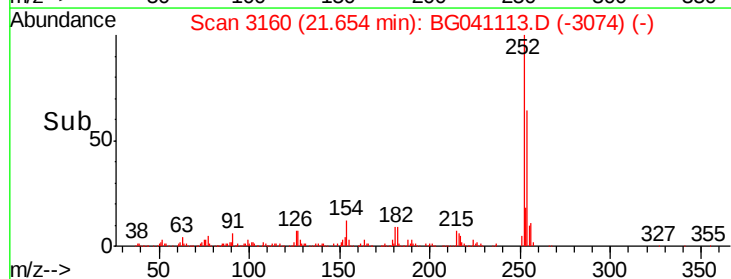
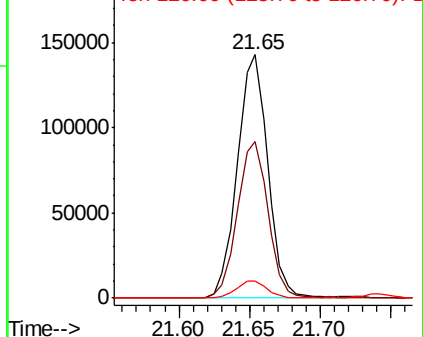


Abundance

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: 46.555 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

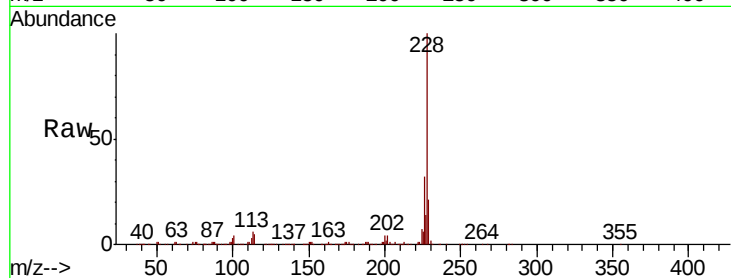
Tgt Ion:228 Resp: 923406

Ion Ratio Lower Upper

228 100

226 32.4 24.6 37.0

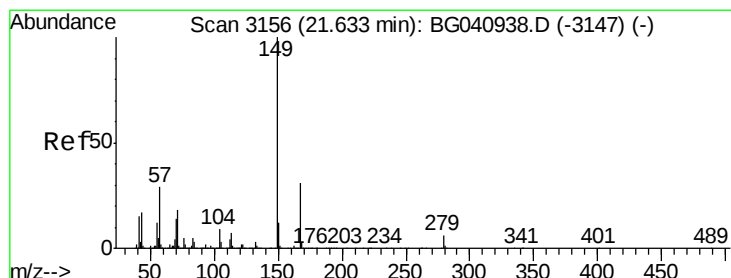
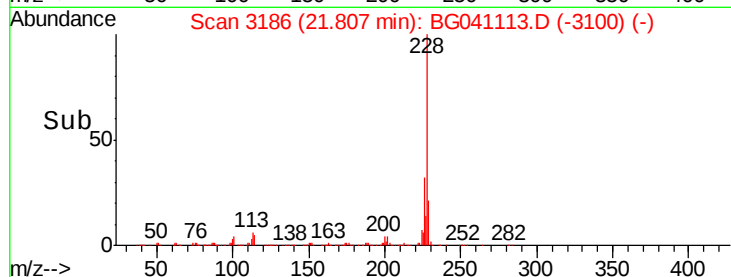
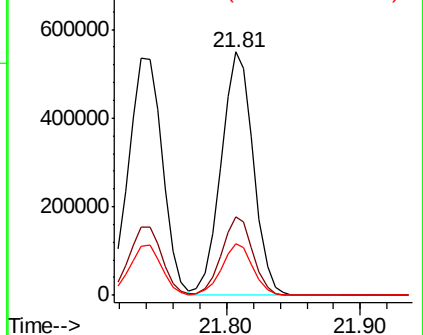
229 21.3 16.6 24.8



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: 44.977 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

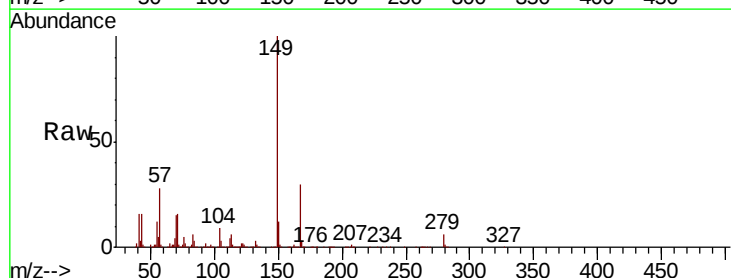
Tgt Ion:149 Resp: 498738

Ion Ratio Lower Upper

149 100

167 29.6 24.6 37.0

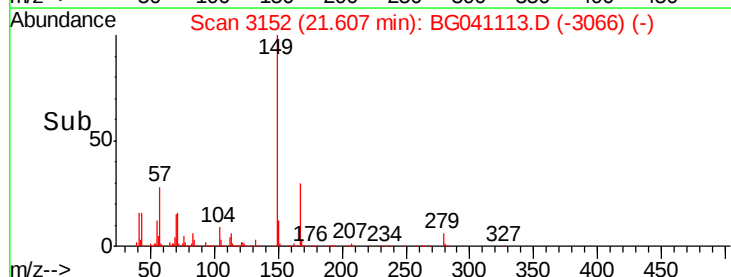
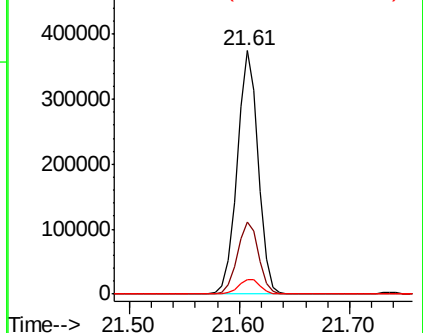
279 5.9 5.0 7.6

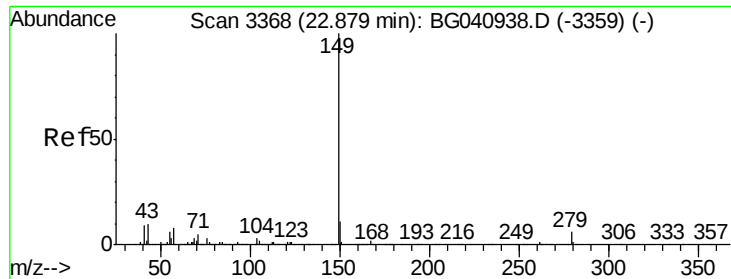


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

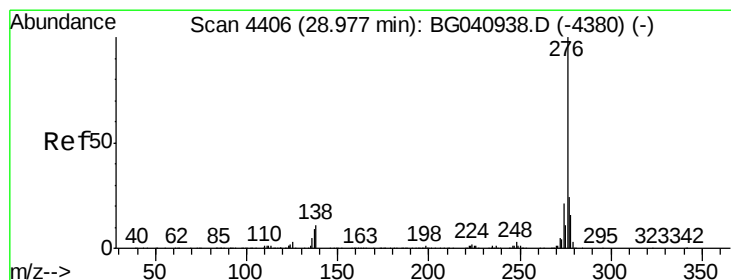
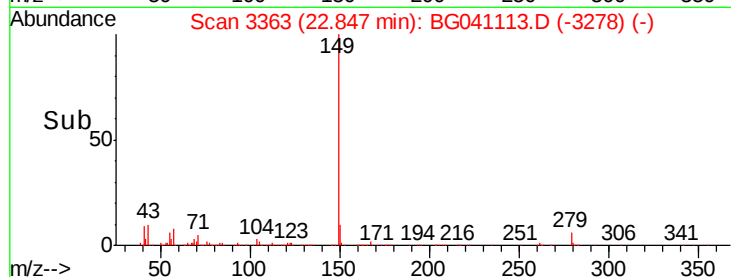
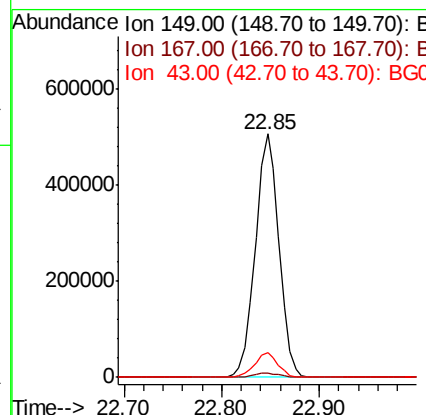
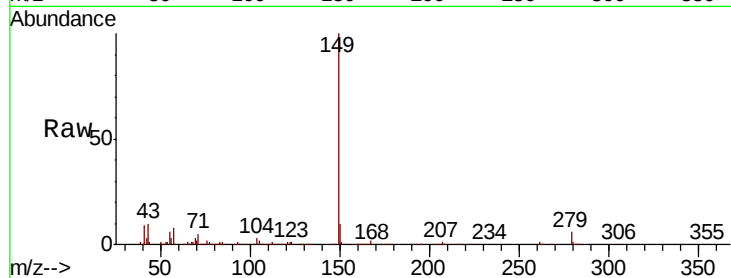




#85
Di-n-octyl phthalate
Concen: 46.504 ng
RT: 22.85 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

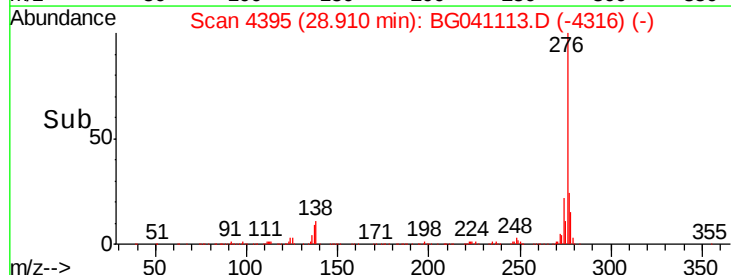
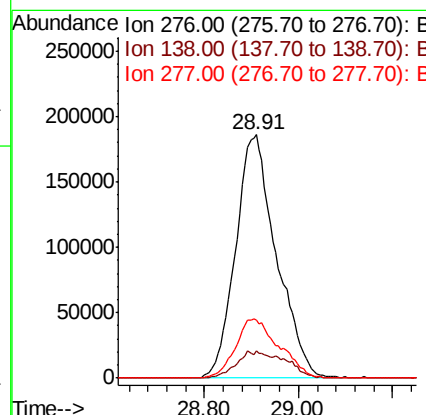
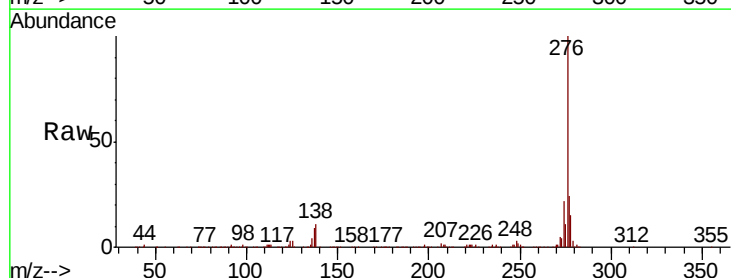
Instrument :
BNA_G
ClientSampleId :
PB120393BS

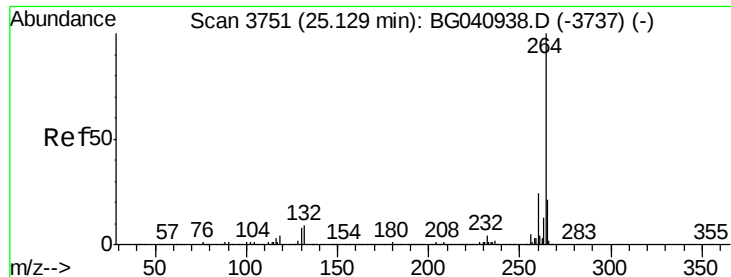
Tgt Ion:149 Resp: 858817
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.9 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.028 ng
RT: 28.91 min Scan# 4395
Delta R.T. -0.07 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion:276 Resp: 1118339
Ion Ratio Lower Upper
276 100
138 4.9 5.7 8.5#
277 25.9 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. -0.04 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

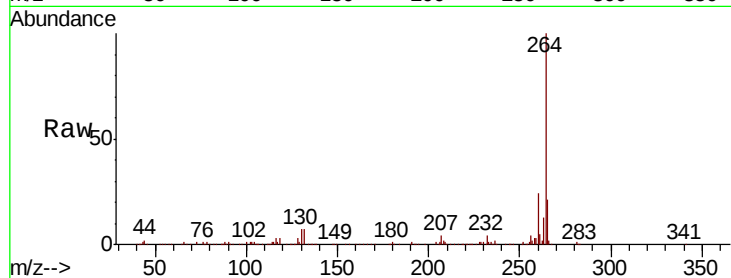
Tgt Ion:264 Resp: 331456

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

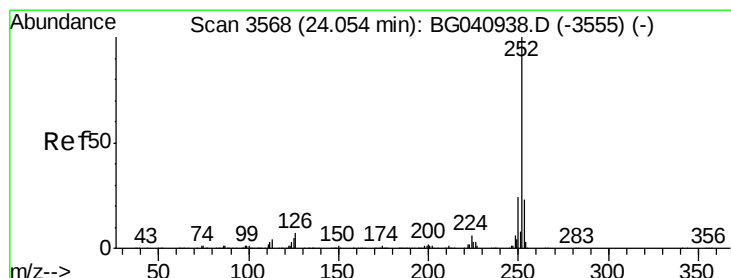
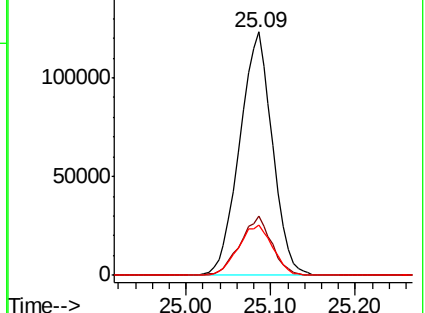
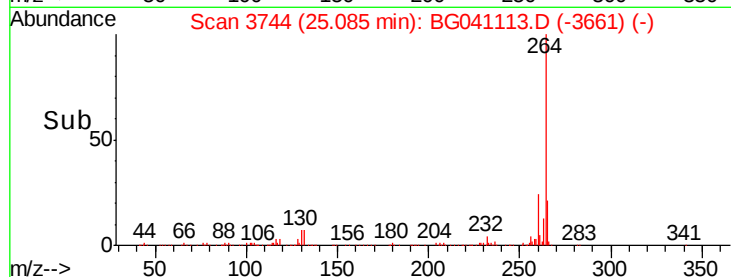
265 20.6 17.0 25.4



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: 47.896 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.03 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

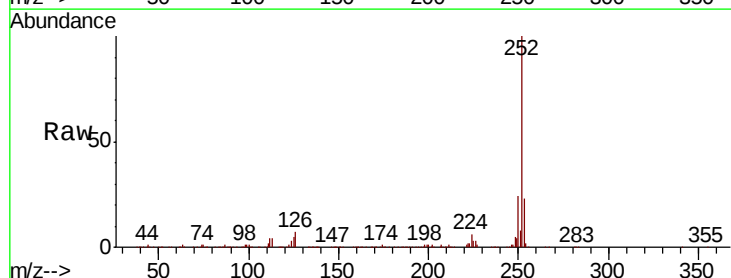
Tgt Ion:252 Resp: 962891

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

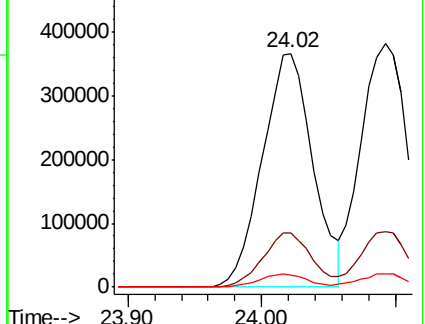
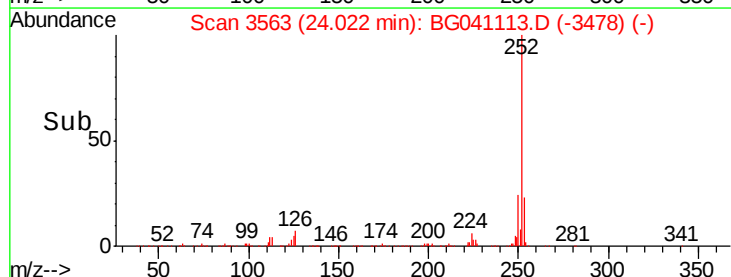
125 5.3 4.3 6.5

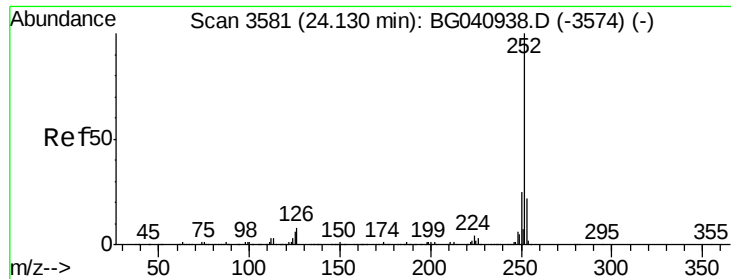


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

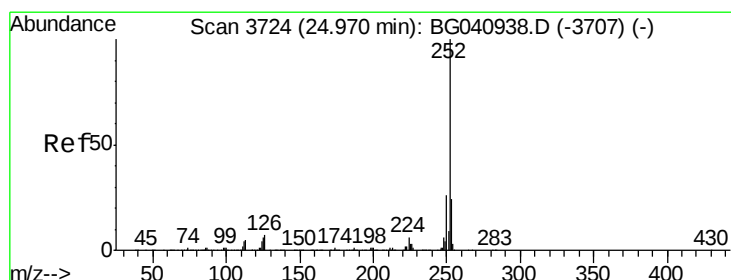
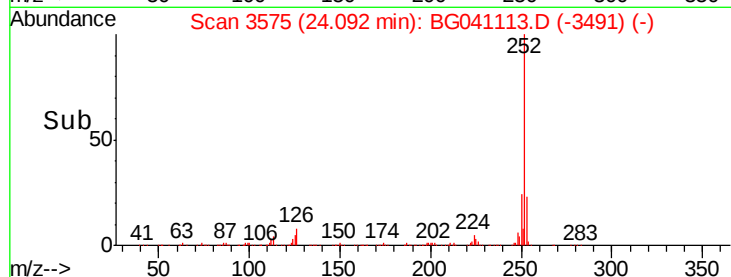
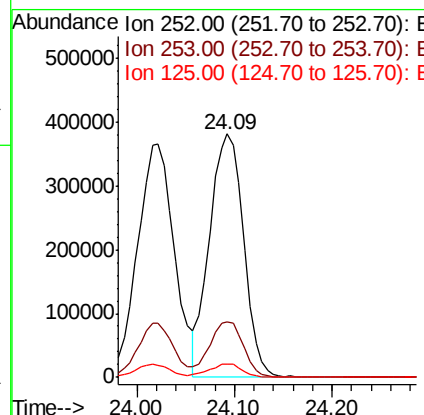
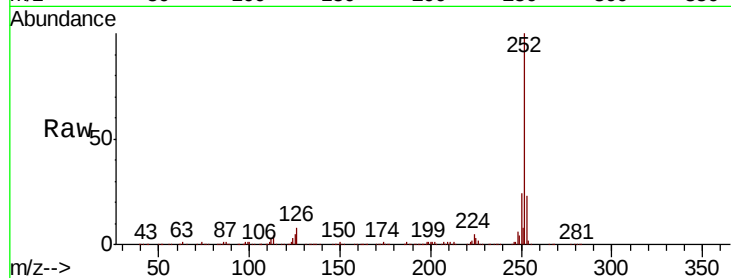




#89
Benzo(k)fluoranthene
Concen: 46.250 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.04 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

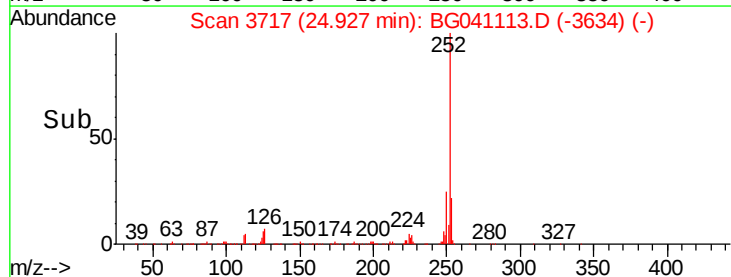
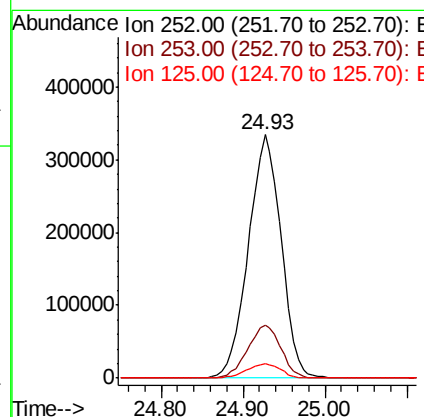
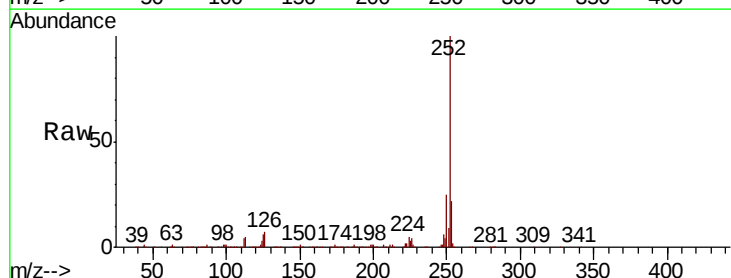
Instrument :
BNA_G
ClientSampleId :
PB120393BS

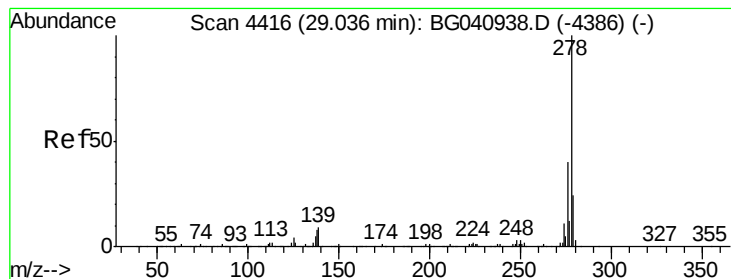
Tgt Ion:252 Resp: 920098
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 5.2 4.7 7.1



#90
Benzo(a)pyrene
Concen: 48.492 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.04 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion:252 Resp: 930104
Ion Ratio Lower Upper
252 100
253 22.0 19.5 29.3
125 5.9 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 47.803 ng

RT: 28.97 min Scan# 4406

Delta R.T. -0.06 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

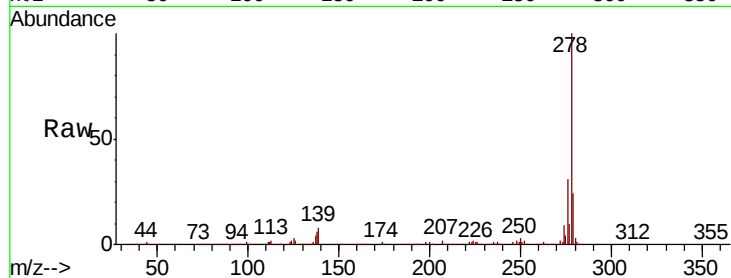
Tgt Ion:278 Resp: 916166

Ion Ratio Lower Upper

278 100

139 8.2 7.1 10.7

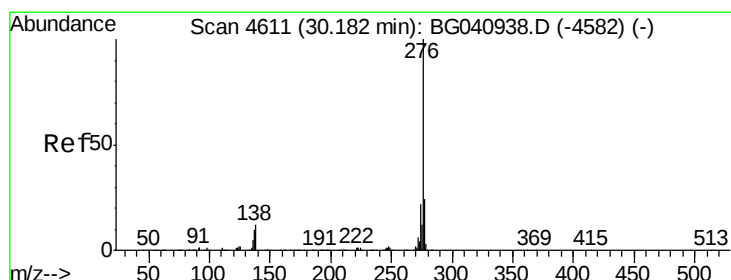
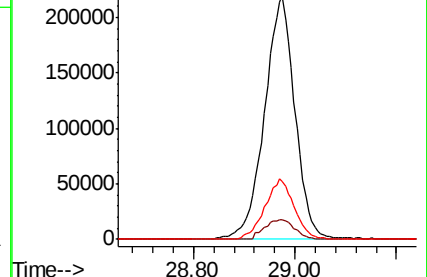
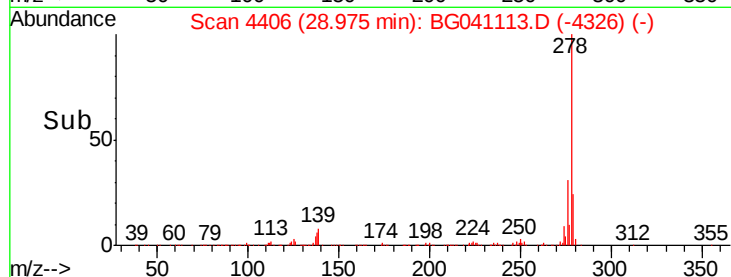
279 23.7 19.4 29.2



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: 49.744 ng

RT: 30.11 min Scan# 4600

Delta R.T. -0.07 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

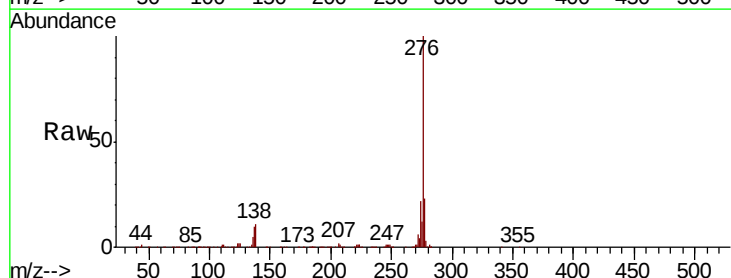
Tgt Ion:276 Resp: 926227

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.0

138 10.6 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

