

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041183.D
 Acq On : 11 Jun 2019 11:00
 Operator : HP/JU
 Sample : PB120413BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:51:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	33962	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	140612	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	110588	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	268858	20.00	ng	0.00
76) Chrysene-d12	21.76	240	265565	20.00	ng	0.00
87) Perylene-d12	25.09	264	279259	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	259269	137.66	ng	0.00
7) Phenol-d6	7.26	99	381027	130.99	ng	0.00
23) Nitrobenzene-d5	9.28	82	262391	82.84	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	218843	133.30	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	649123	84.53	ng	0.00
79) Terphenyl-d14	20.08	244	1157028	92.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	34667	40.563	ng	92
3) Pyridine	3.91	79	92877	36.726	ng	98
4) n-Nitrosodimethylamine	3.83	42	53513	45.594	ng	81
6) Aniline	7.43	93	93782	24.155	ng	98
8) 2-Chlorophenol	7.66	128	106120	47.261	ng	97
9) Benzaldehyde	7.24	77	29701	17.117	ng	90
10) Phenol	7.29	94	143747	46.091	ng	94
11) bis(2-Chloroethyl)ether	7.52	93	94839	41.918	ng	97
12) 1,3-Dichlorobenzene	7.99	146	114571	42.722	ng	99
13) 1,4-Dichlorobenzene	8.14	146	114288	42.102	ng	96
14) 1,2-Dichlorobenzene	8.46	146	114336	43.379	ng	96
15) Benzyl Alcohol	8.35	79	119471	44.401	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	141035	38.148	ng	95
17) 2-Methylphenol	8.54	107	100386	44.456	ng	98
18) Hexachloroethane	9.19	117	44481	42.515	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	87620	39.143	ng	97
20) 3+4-Methylphenols	8.87	107	138410	44.250	ng	97
22) Acetophenone	8.94	105	174520	44.245	ng	# 97
24) Nitrobenzene	9.33	77	147603	45.728	ng	98
25) Isophorone	9.84	82	255239	42.344	ng	99
26) 2-Nitrophenol	10.03	139	64947	48.807	ng	87
27) 2,4-Dimethylphenol	10.08	122	112581	51.227	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	138040	42.430	ng	98
29) 2,4-Dichlorophenol	10.57	162	133871	47.969	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	142466	44.874	ng	98
31) Naphthalene	10.98	128	347453	46.023	ng	99
32) Benzoic acid	10.22	122	68794	41.569	ng	96
33) 4-Chloroaniline	11.09	127	71236	20.336	ng	95
34) Hexachlorobutadiene	11.24	225	101421	41.751	ng	97
35) Caprolactam	11.89	113	31359	34.027	ng	94
36) 4-Chloro-3-methylphenol	12.20	107	148211	46.501	ng	96
37) 2-Methylnaphthalene	12.57	142	271613	46.713	ng	97
38) 1-Methylnaphthalene	12.80	142	258105	47.106	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	203802	45.723	ng	99

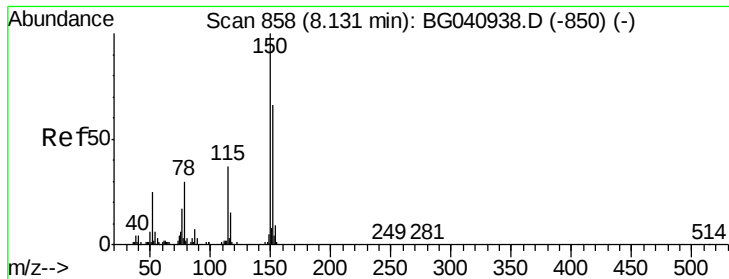
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041183.D
 Acq On : 11 Jun 2019 11:00
 Operator : HP/JU
 Sample : PB120413BS
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:51:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	220875	90.930	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	132667	46.009	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	140872	46.324	ng	96
46) 1,1'-Biphenyl	13.57	154	374325	45.728	ng	99
47) 2-Chloronaphthalene	13.62	162	308158	43.850	ng	98
48) 2-Nitroaniline	13.83	65	111074	44.058	ng	97
49) Acenaphthylene	14.46	152	482713	45.639	ng	98
50) Dimethylphthalate	14.19	163	396618	42.368	ng	99
51) 2,6-Dinitrotoluene	14.32	165	91931	45.547	ng	93
52) Acenaphthene	14.80	154	282081	44.024	ng	98
53) 3-Nitroaniline	14.65	138	63774	31.598	ng	99
54) 2,4-Dinitrophenol	14.86	184	87395	82.133	ng	95
55) Dibenzofuran	15.13	168	493286	45.754	ng	99
56) 4-Nitrophenol	14.95	139	125787	90.862	ng	92
57) 2,4-Dinitrotoluene	15.11	165	131420	46.094	ng	95
58) Fluorene	15.78	166	388137	45.205	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	142878	47.808	ng	99
60) Diethylphthalate	15.54	149	408621	42.772	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	244671	43.841	ng	94
62) 4-Nitroaniline	15.82	138	88966	41.636	ng	97
63) Azobenzene	16.06	77	379177	43.669	ng	96
65) 4,6-Dinitro-2-methylphenol	15.86	198	72979	50.180	ng	98
66) n-Nitrosodiphenylamine	15.99	169	349946	46.302	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	161257	44.444	ng	98
68) Hexachlorobenzene	16.77	284	167437	43.337	ng	98
69) Atrazine	16.93	200	146051	50.082	ng	95
70) Pentachlorophenol	17.13	266	188823	90.633	ng	97
71) Phenanthrene	17.53	178	655636	46.816	ng	98
72) Anthracene	17.61	178	679365	49.186	ng	99
73) Carbazole	17.89	167	570567	48.144	ng	99
74) Di-n-butylphthalate	18.42	149	682321	46.322	ng	99
75) Fluoranthene	19.53	202	841006	48.619	ng	99
77) Benzidine	19.71	184	260928	41.187	ng	97
78) Pyrene	19.89	202	849902	49.231	ng	98
80) Butylbenzylphthalate	20.76	149	313226	46.623	ng	97
81) Benzo(a)anthracene	21.74	228	806042	45.597	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	187397	30.140	ng	98
83) Chrysene	21.81	228	798537	47.204	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	435414	46.040	ng	98
85) Di-n-octyl phthalate	22.85	149	738711	46.900	ng	99
86) Indeno(1,2,3-cd)pyrene	28.92	276	744806	35.942	ng	99
88) Benzo(b)fluoranthene	24.02	252	786812	46.452	ng	100
89) Benzo(k)fluoranthene	24.09	252	791012	47.193	ng	98
90) Benzo(a)pyrene	24.93	252	773490	47.864	ng	97
91) Dibenzo(a,h)anthracene	28.98	278	633219	39.215	ng	97
92) Benzo(g,h,i)perylene	30.13	276	585279	37.308	ng	96

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

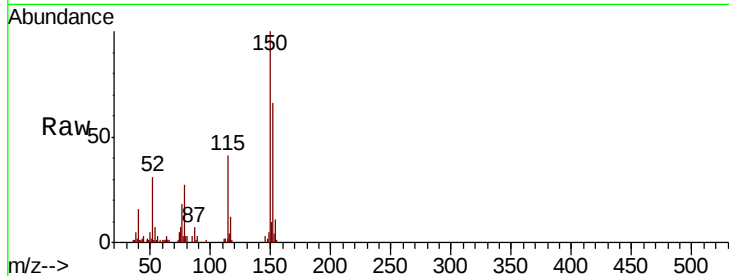


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	120.6	180.8
115	62.4	45.1	67.7

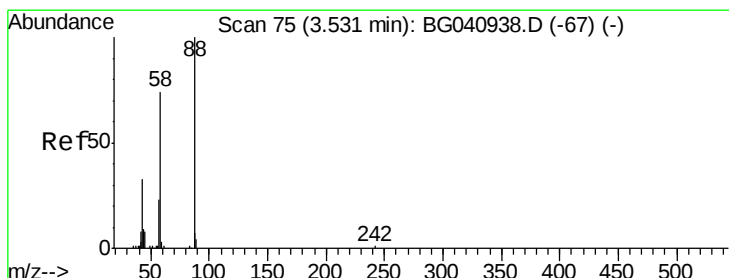
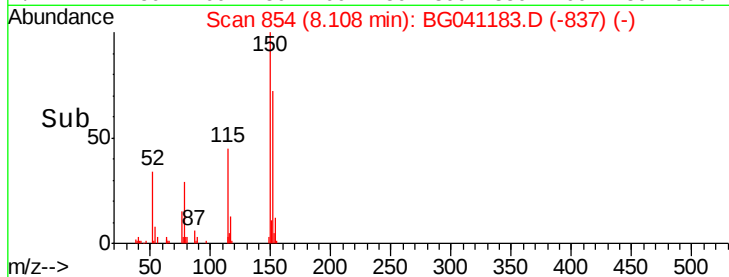
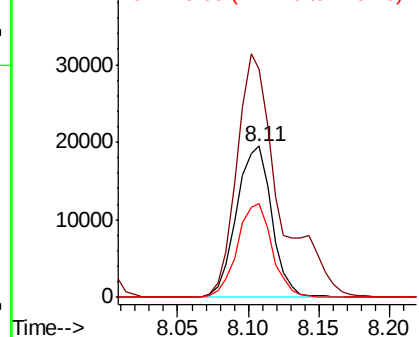


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

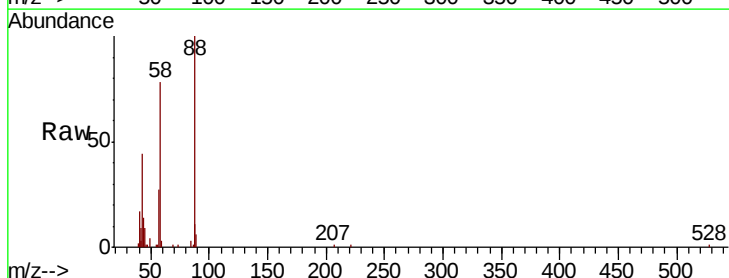
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.563 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	59.0	88.6
43	34.7	27.2	40.8

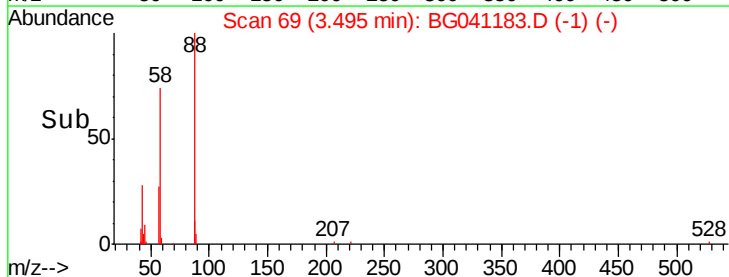
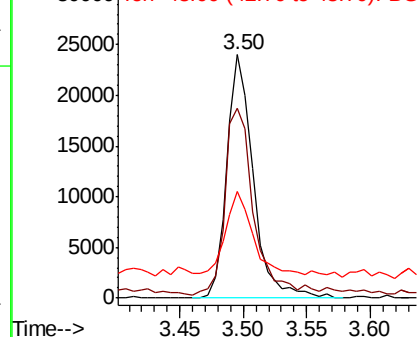


Abundance

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

Pvridine

Concen: 36.726 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

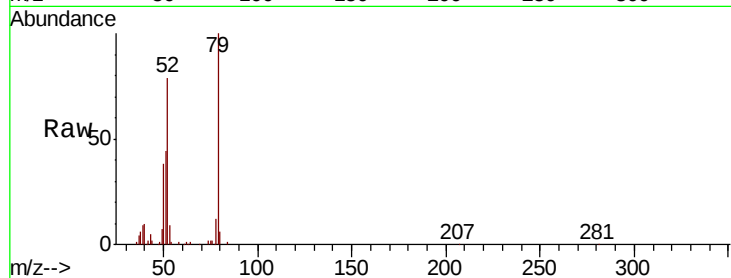
Tot Ion: 79 Resp: 92877

Ion Ratio Lower Upper

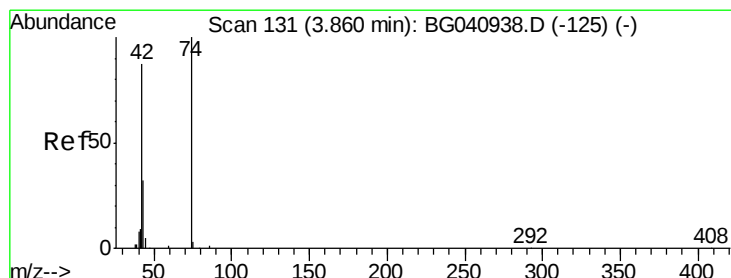
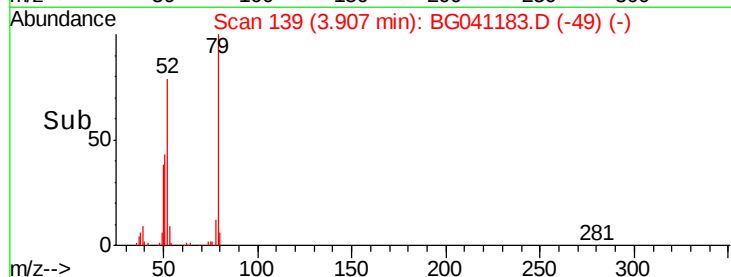
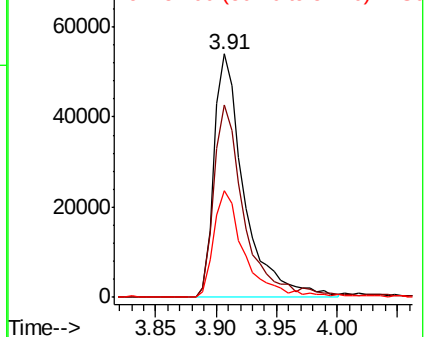
79 100

52 79.1 64.8 97.2

51 43.8 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 45.594 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

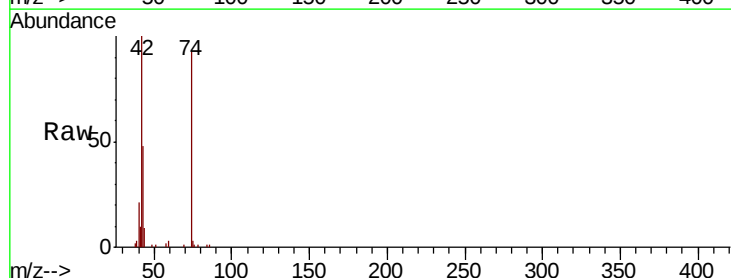
Tgt Ion: 42 Resp: 53513

Ion Ratio Lower Upper

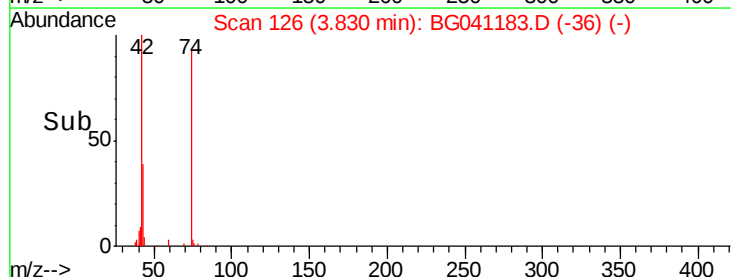
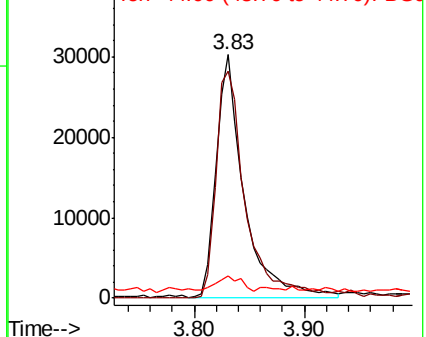
42 100

74 93.2 91.8 137.6

44 9.0 6.0 9.0



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





#5

2-Fluorophenol

Concen: 137.659 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

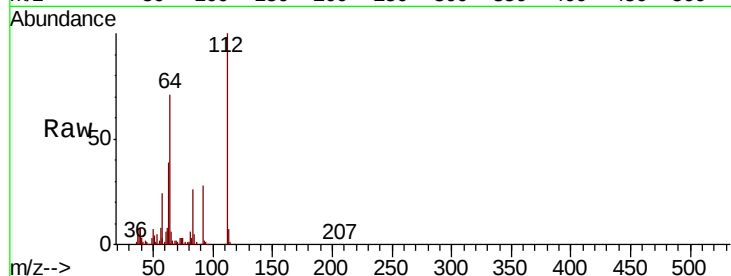
Tot Ion:112 Resp: 259269

Ion Ratio Lower Upper

112 100

64 70.8 56.2 84.2

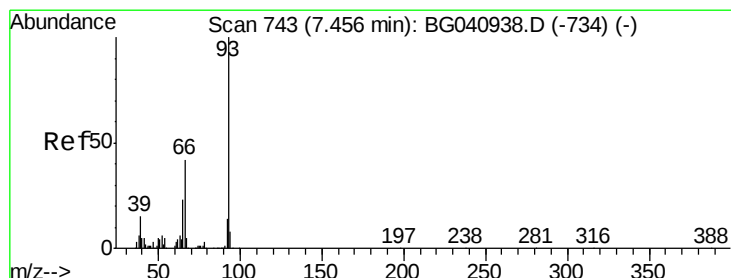
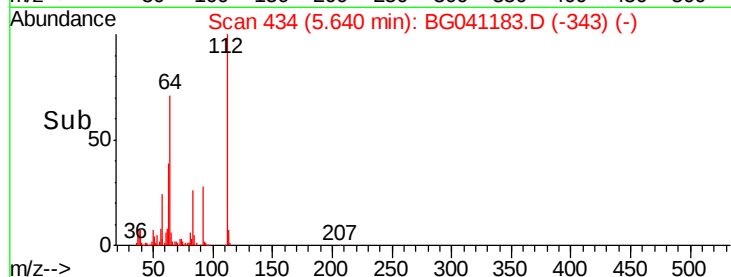
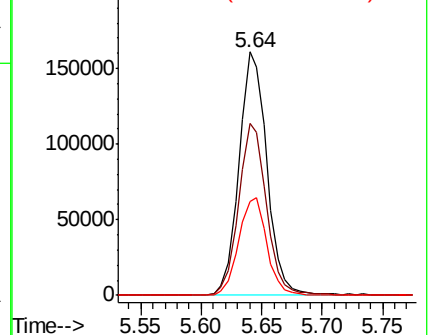
63 38.7 32.8 49.2



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: 24.155 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

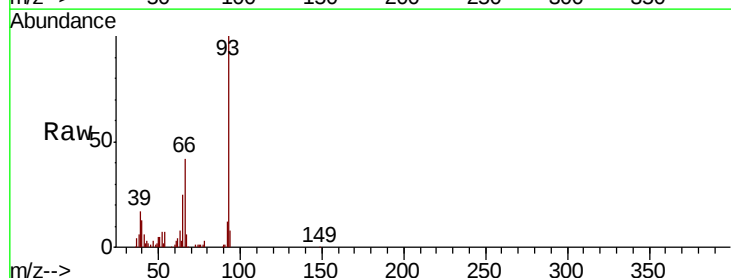
Tgt Ion: 93 Resp: 93782

Ion Ratio Lower Upper

93 100

66 42.2 33.8 50.8

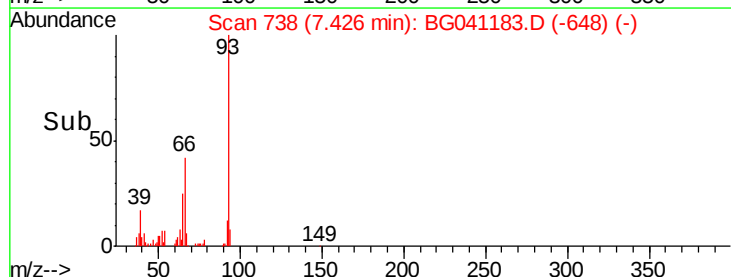
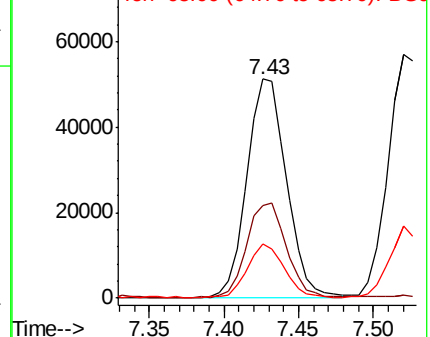
65 24.9 18.3 27.5



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: 130.994 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampled :

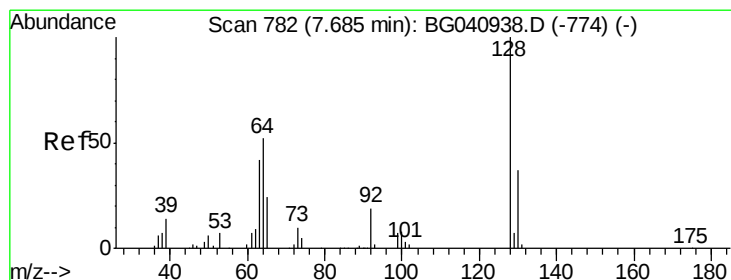
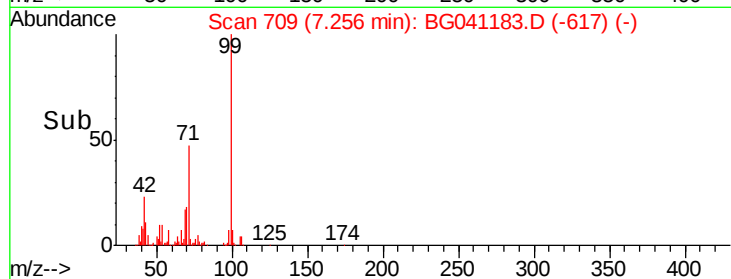
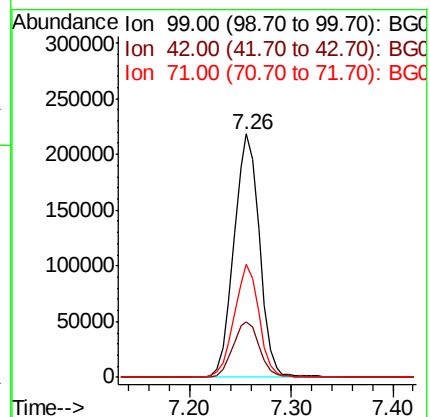
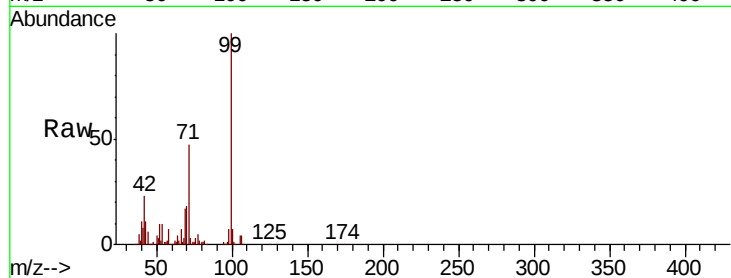
Tot Ion: 99 Resp: 381027

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 46.6 35.4 53.0



#8

2-Chlorophenol

Concen: 47.261 ng

RT: 7.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

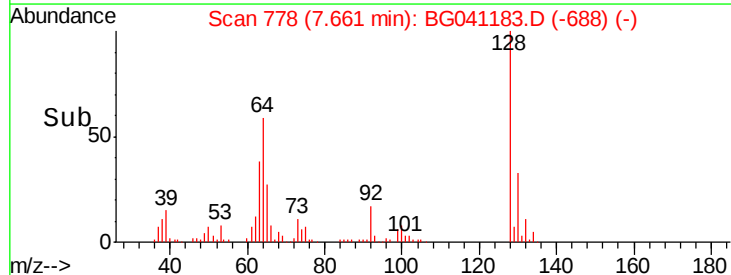
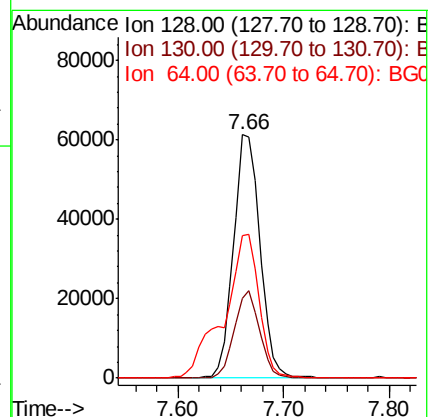
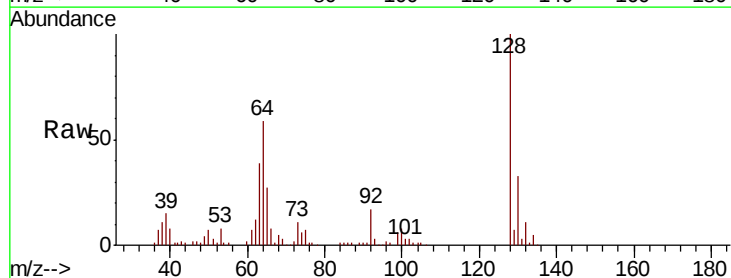
Tgt Ion: 128 Resp: 106120

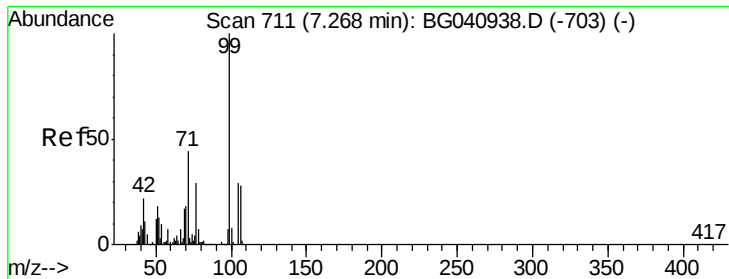
Ion Ratio Lower Upper

128 100

130 32.7 16.6 56.6

64 58.6 37.8 77.8





#9

Benzaldehyde

Concen: 17.117 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

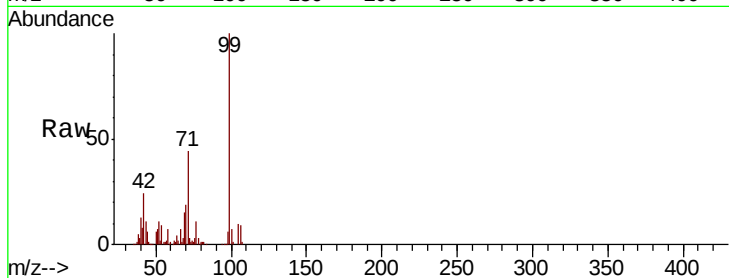
Tot Ion: 77 Resp: 29701

Ion Ratio Lower Upper

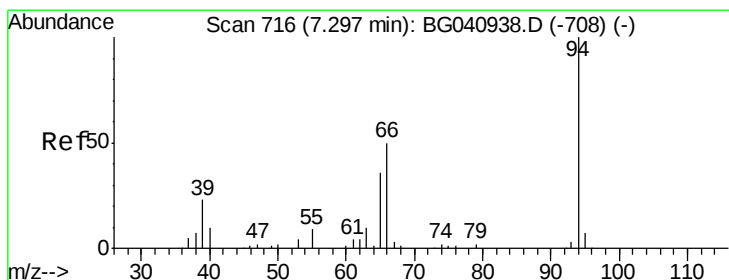
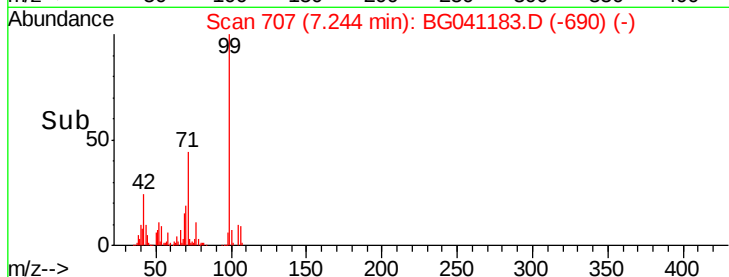
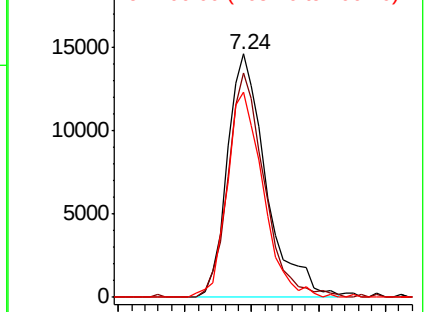
77 100

105 92.3 78.9 118.9

106 84.2 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: 46.091 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

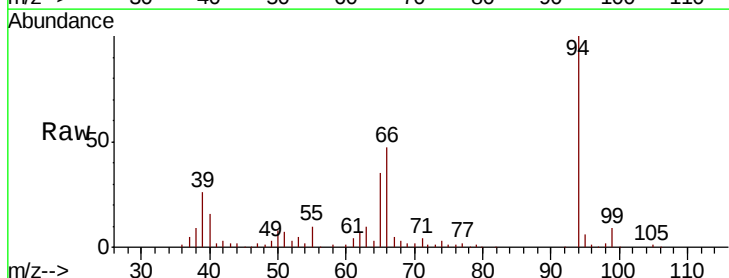
Tgt Ion: 94 Resp: 143747

Ion Ratio Lower Upper

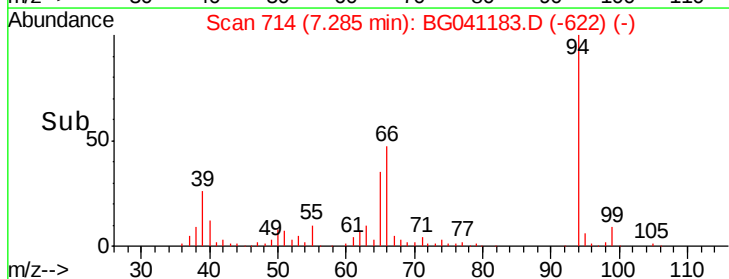
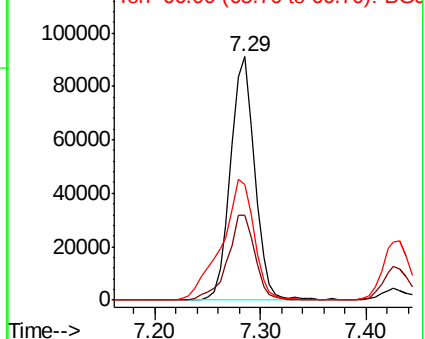
94 100

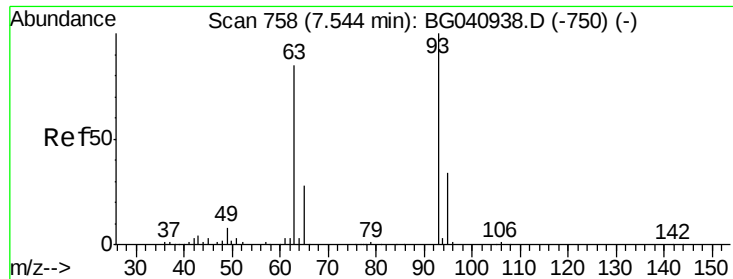
65 34.8 17.0 57.0

66 47.3 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

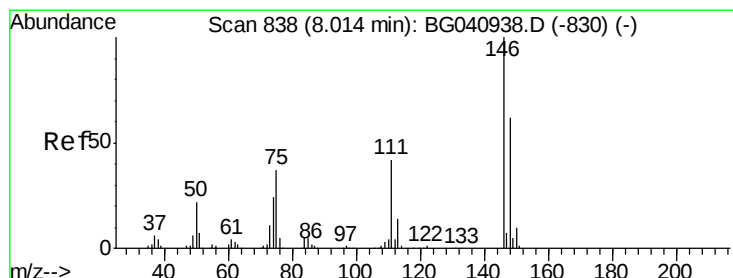
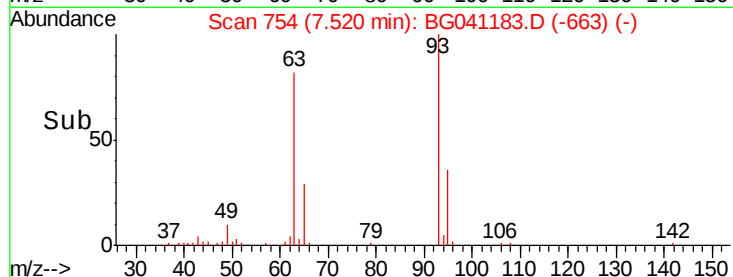
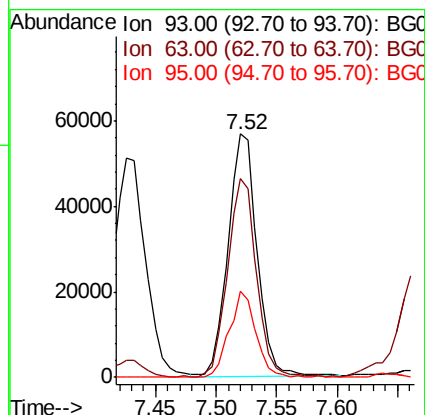
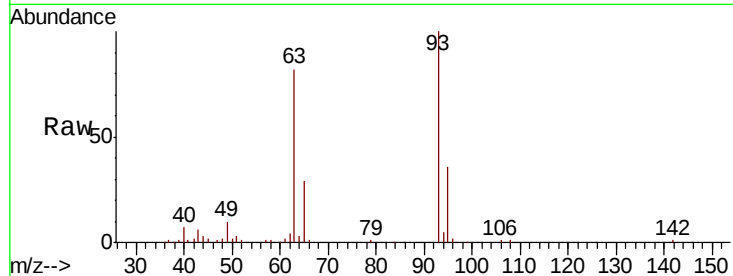




#11
bis(2-Chloroethyl)ether
Concen: 41.918 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

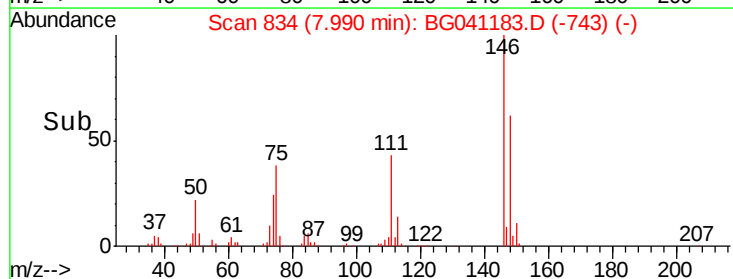
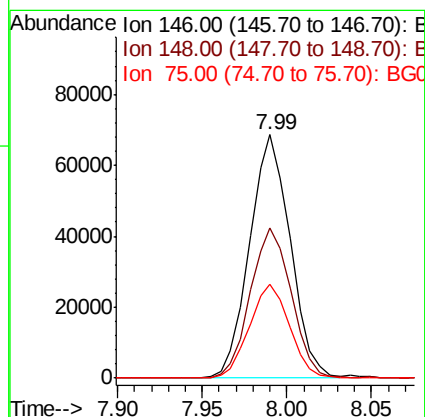
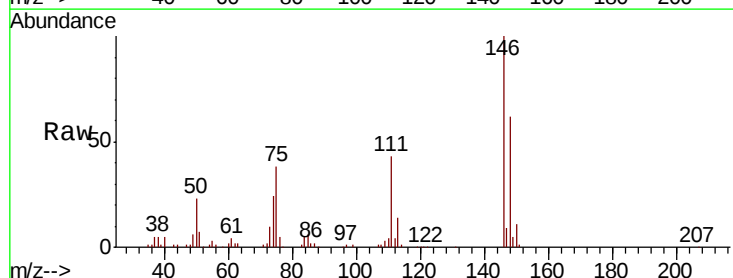
Instrument :
BNA_G
ClientSampleId :

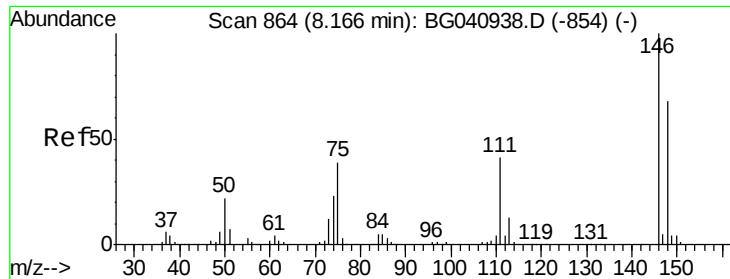
Tot Ion: 93 Resp: 94839
Ion Ratio Lower Upper
93 100
63 81.6 64.5 104.5
95 35.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.722 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion: 146 Resp: 114571
Ion Ratio Lower Upper
146 100
148 61.5 49.2 73.8
75 38.4 29.4 44.0

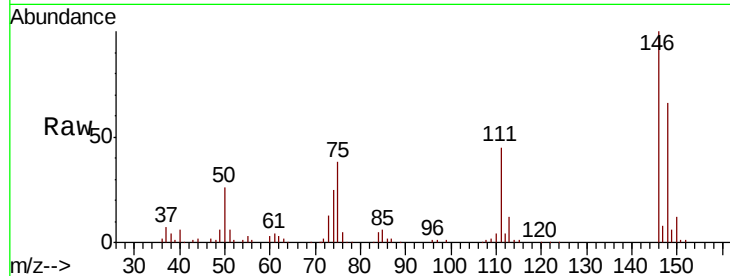




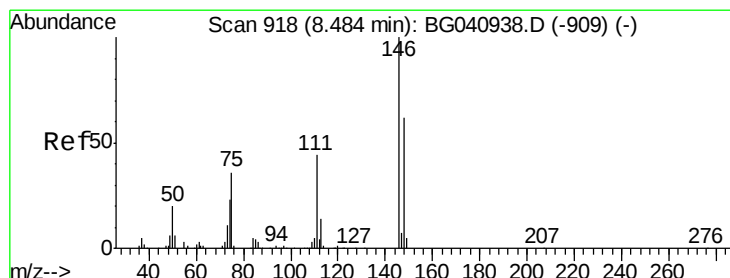
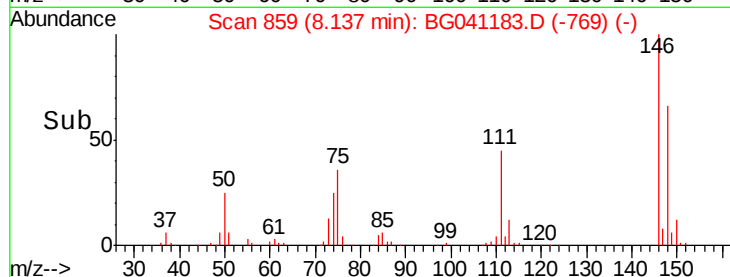
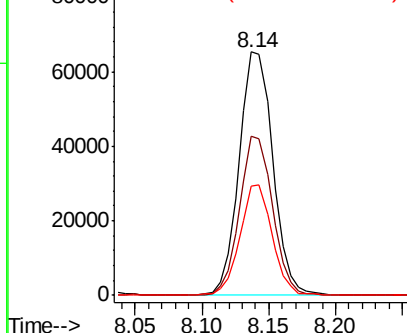
#13
 1,4-Dichlorobenzene
 Concen: 42.102 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 114288
 Ion Ratio Lower Upper
 146 100
 148 65.5 54.2 81.4
 111 44.9 32.9 49.3

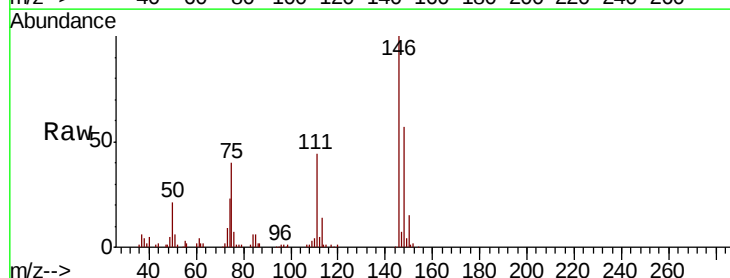


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

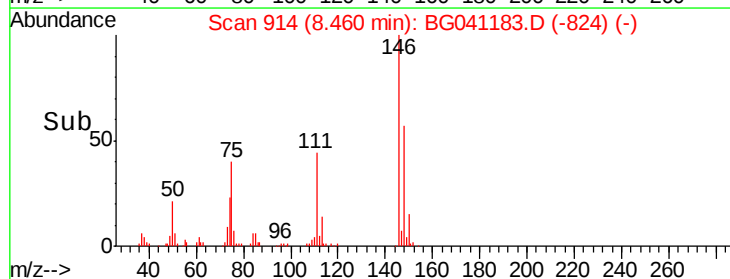
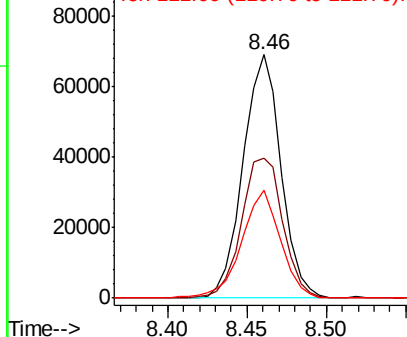


#14
 1,2-Dichlorobenzene
 Concen: 43.379 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion:146 Resp: 114336
 Ion Ratio Lower Upper
 146 100
 148 57.4 49.8 74.6
 111 44.5 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: 44.401 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

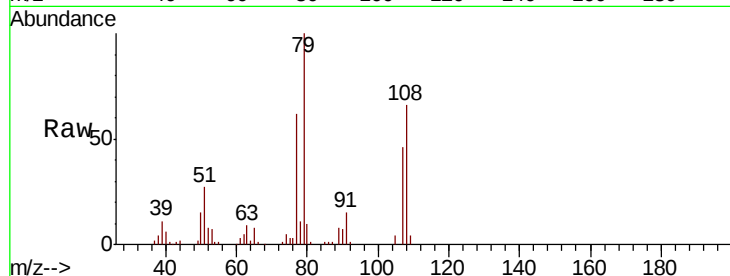
Tot Ion: 79 Resp: 119471

Ion Ratio Lower Upper

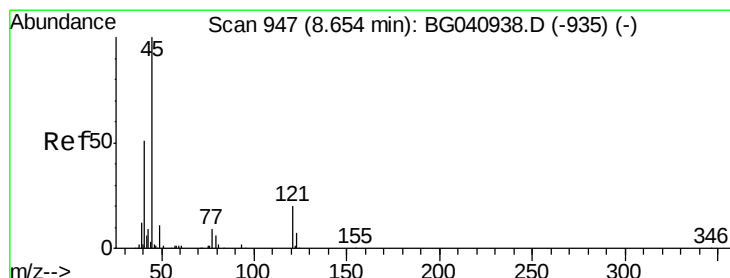
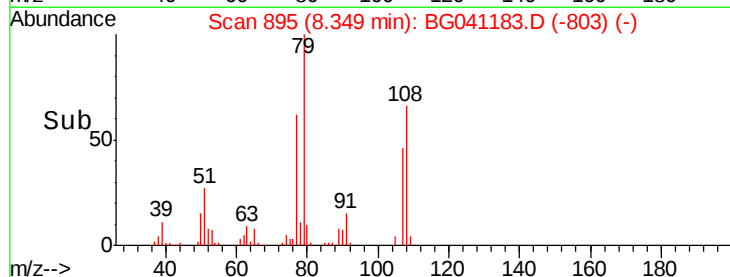
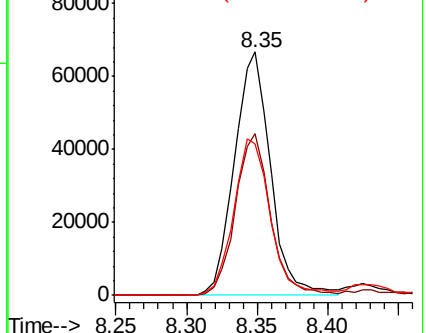
79 100

108 66.4 48.3 72.5

77 62.2 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: 38.148 ng

RT: 8.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

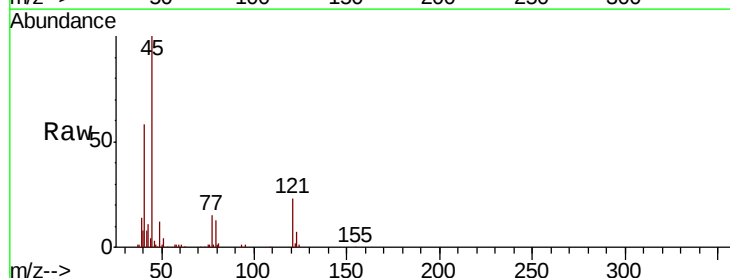
Tgt Ion: 45 Resp: 141035

Ion Ratio Lower Upper

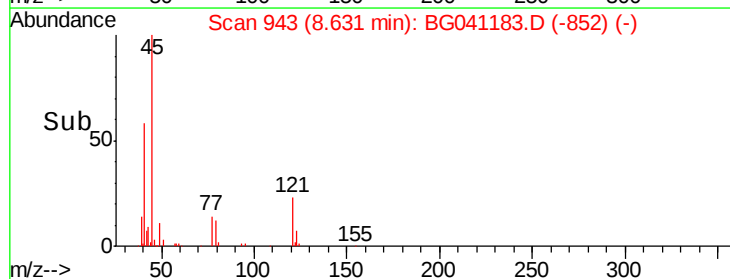
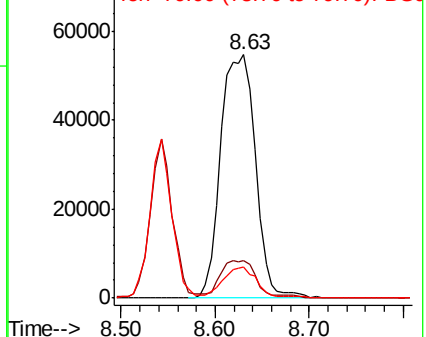
45 100

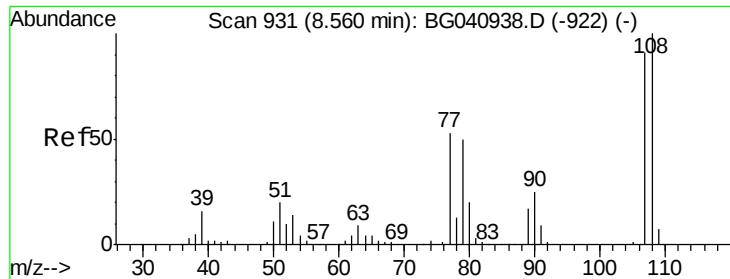
77 15.2 0.0 33.7

79 12.8 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

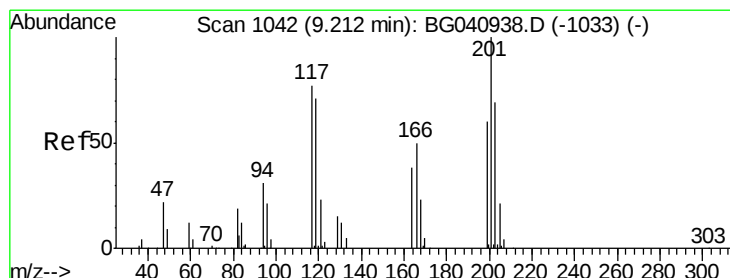
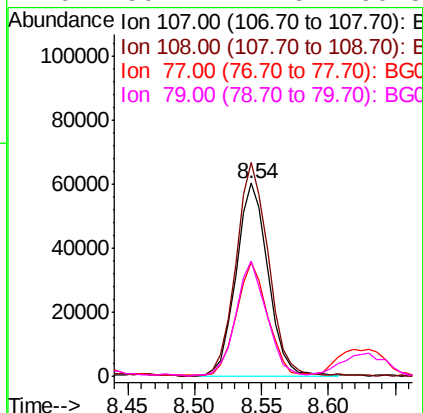
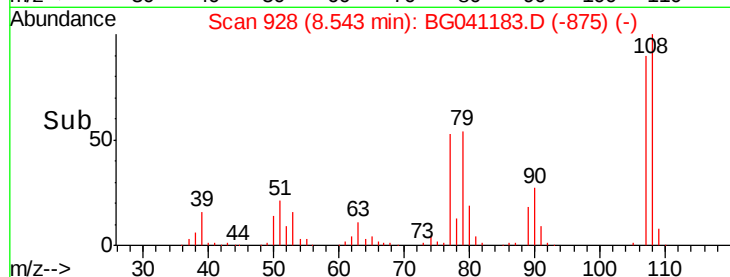
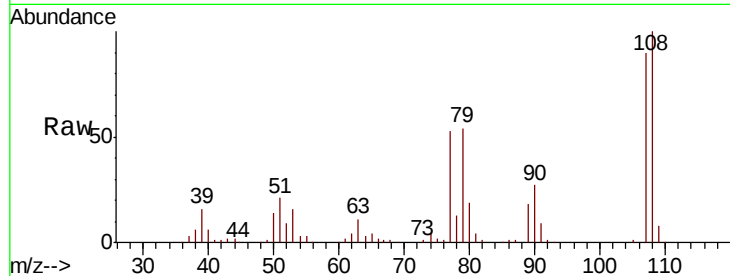




#17
2-Methylphenol
Concen: 44.456 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

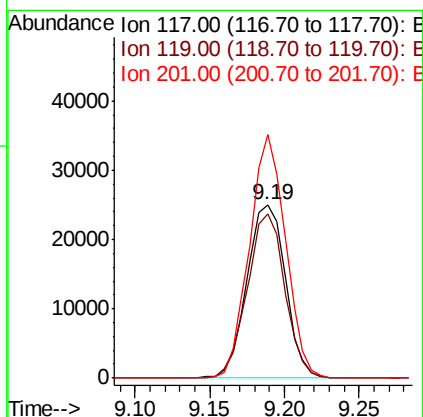
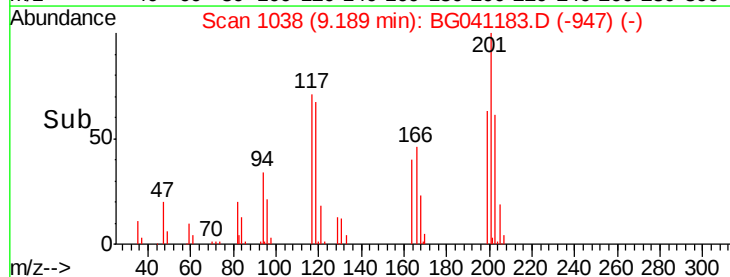
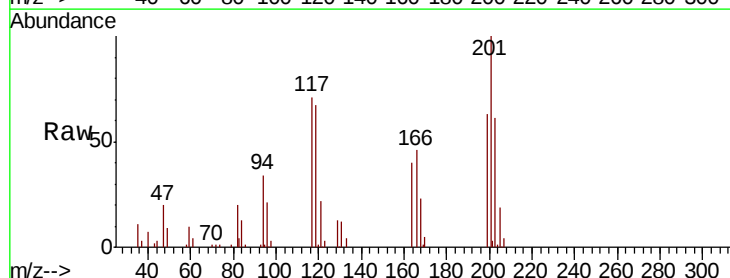
Instrument :
BNA_G
ClientSampled :

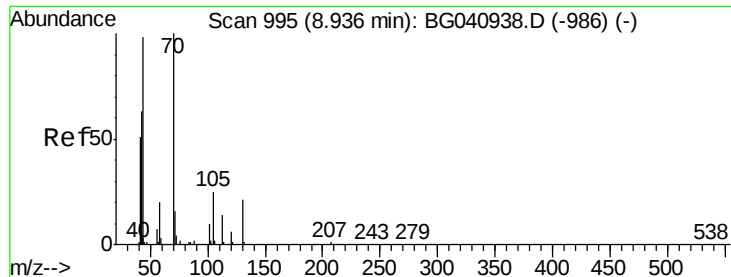
Tot Ion:	107	Resp:	100386
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.7	131.5
77	59.2	46.6	70.0
79	59.4	44.6	66.8



#18
Hexachloroethane
Concen: 42.515 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion:	117	Resp:	44481
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
201	144.3	103.5	155.3

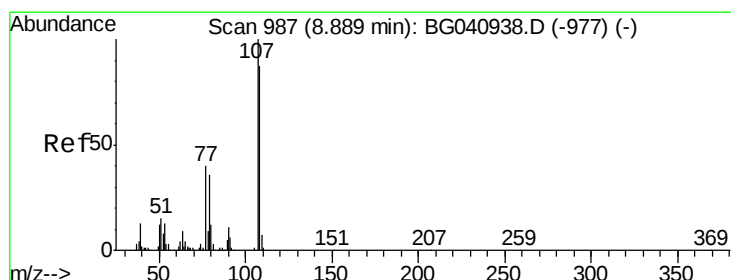
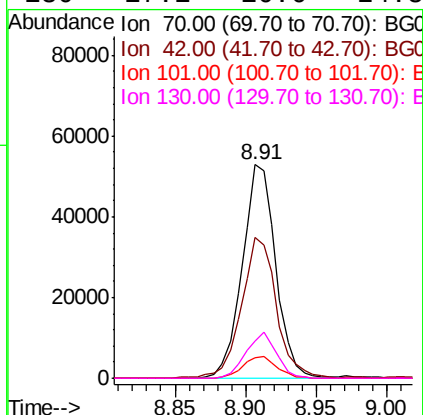
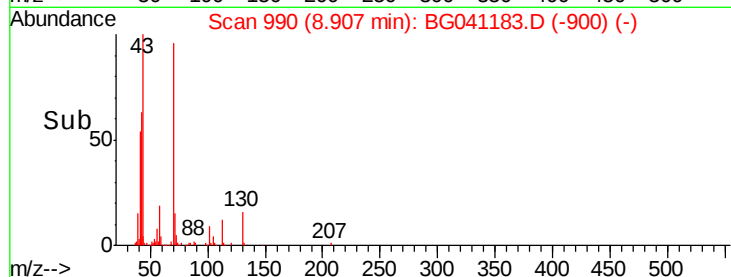
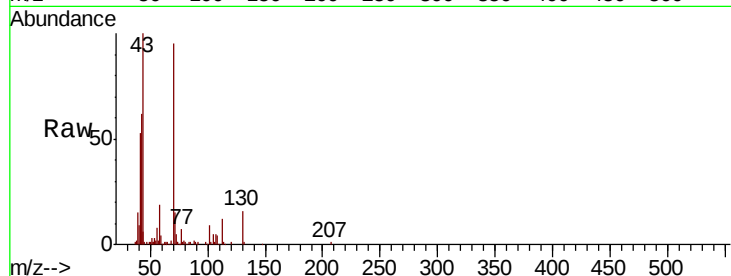




#19
n-Nitroso-di-n-propylamine
Concen: 39.143 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

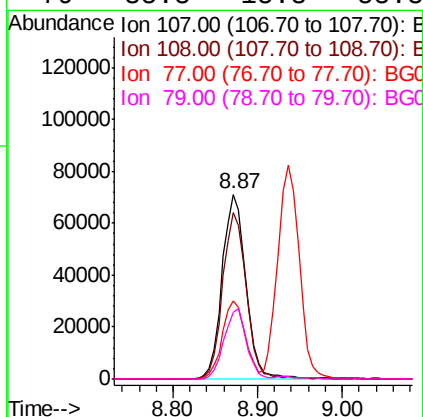
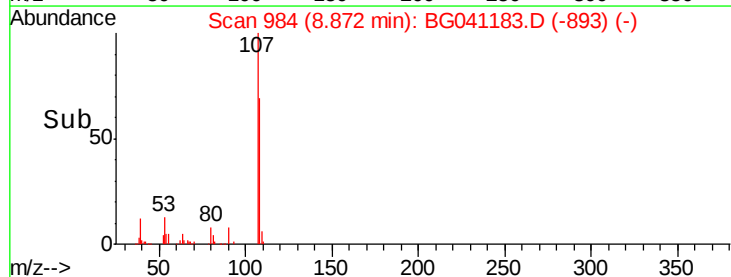
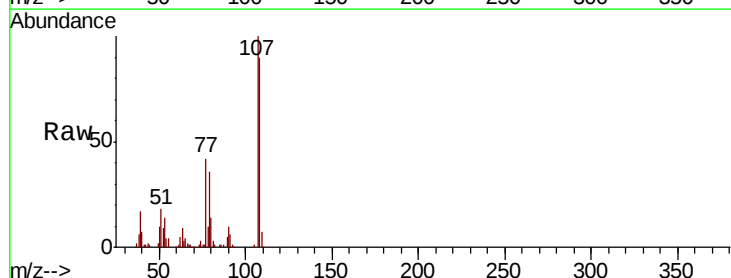
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	87620
Ion	Ratio	Lower	Upper
70	100		
42	66.1	51.5	77.3
101	9.4	8.1	12.1
130	17.1	16.6	24.8



#20
3+4-Methylphenols
Concen: 44.250 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion:	107	Resp:	138410
Ion	Ratio	Lower	Upper
107	100		
108	90.3	66.8	106.8
77	42.3	20.5	60.5
79	35.8	15.8	55.8

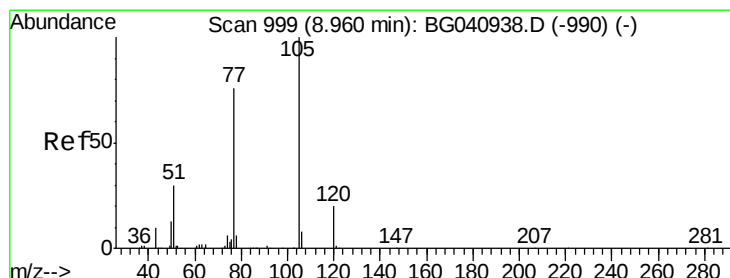
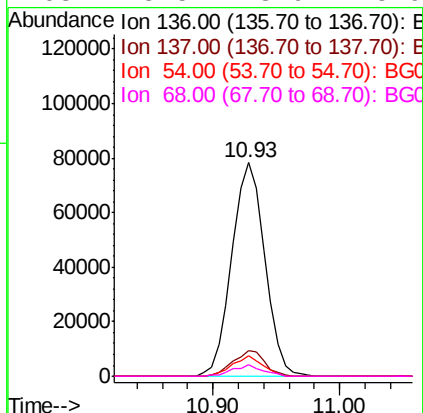
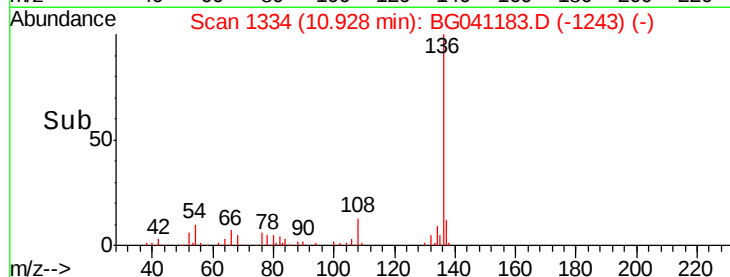
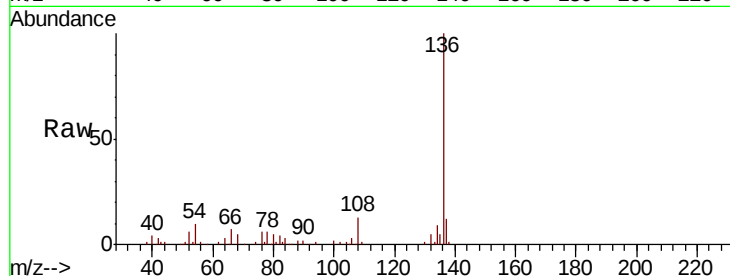




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

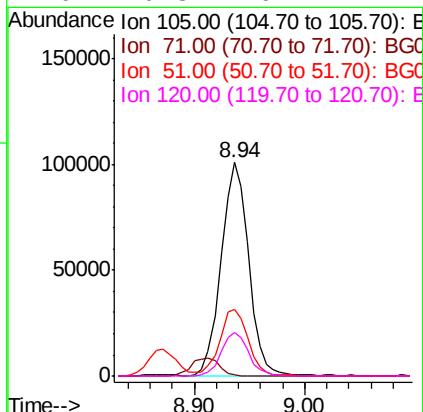
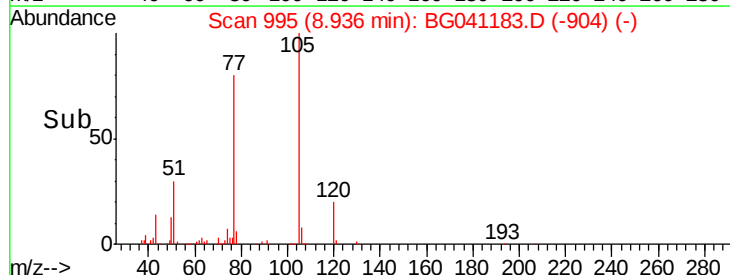
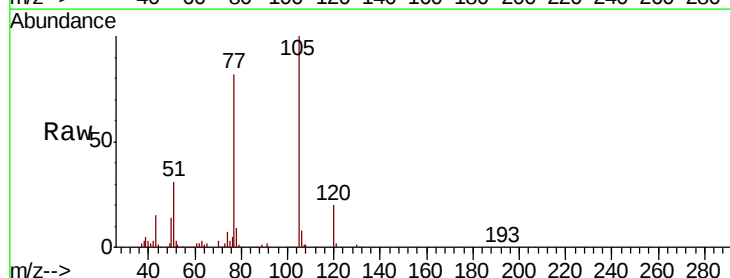
Instrument :
BNA_G
ClientSampleId :

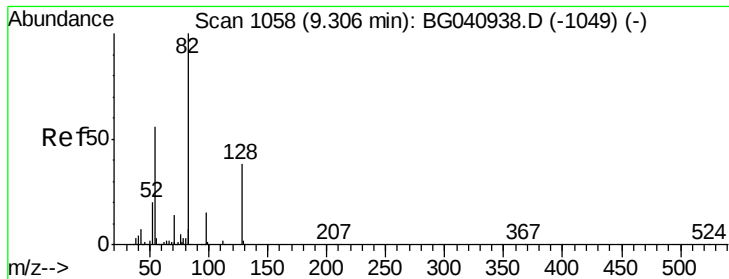
Tot Ion:136	Resp:	140612
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.5 14.3
54	9.6	7.6 11.4
68	5.5	3.9 5.9



#22
Acetophenone
Concen: 44.245 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion:105	Resp:	174520
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.4 0.6#
51	31.0	27.0 40.6
120	20.3	16.2 24.4

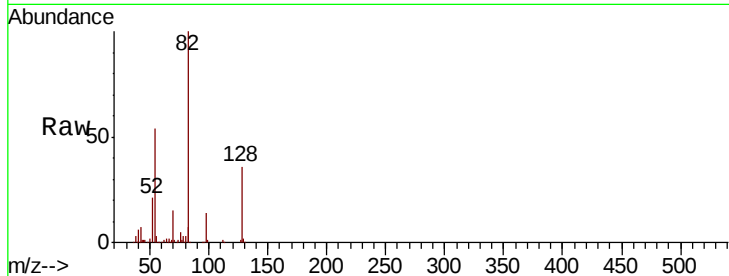




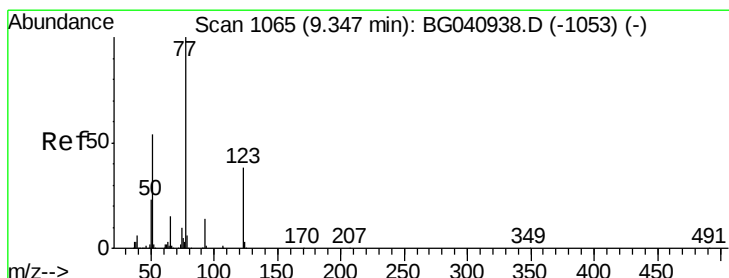
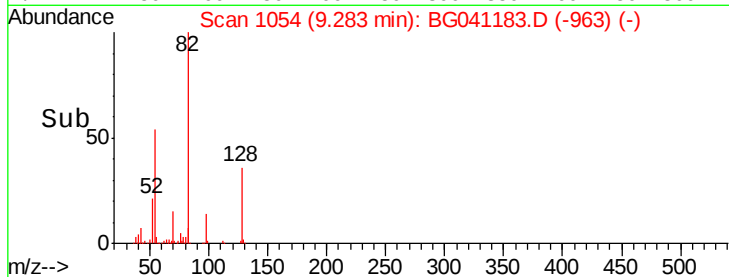
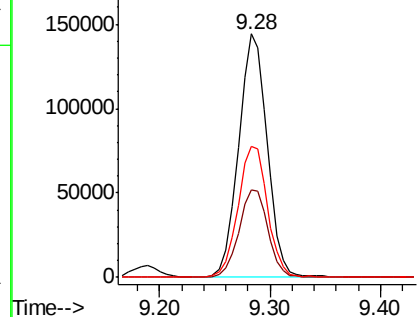
#23
 Nitrobenzene-d5
 Concen: 82.841 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	30.5	45.7
54	54.1	44.6	66.8

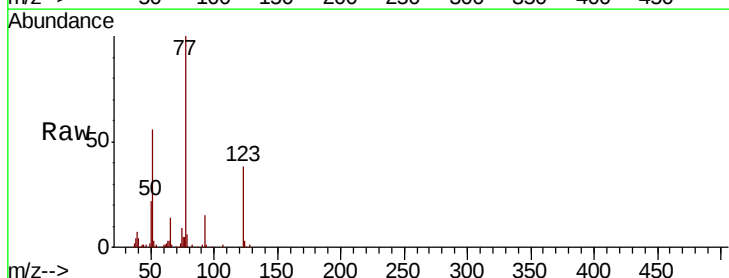


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

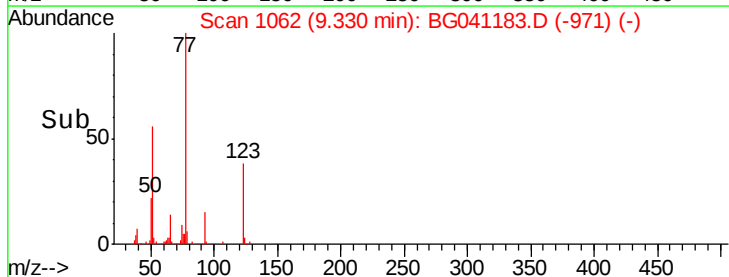
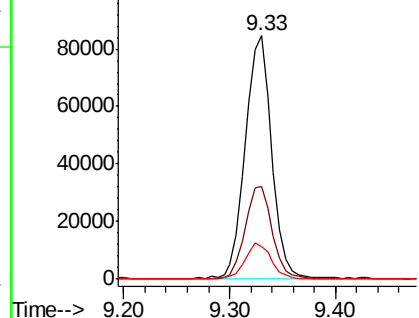


#24
 Nitrobenzene
 Concen: 45.728 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	30.6	46.0
65	13.5	12.3	18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.344 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

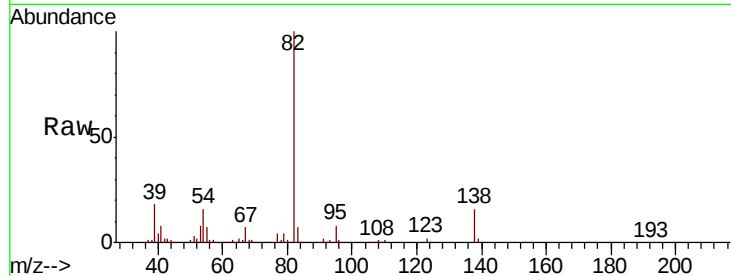
Tot Ion: 82 Resp: 255239

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.4

138 15.9 12.6 19.0



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

9.84

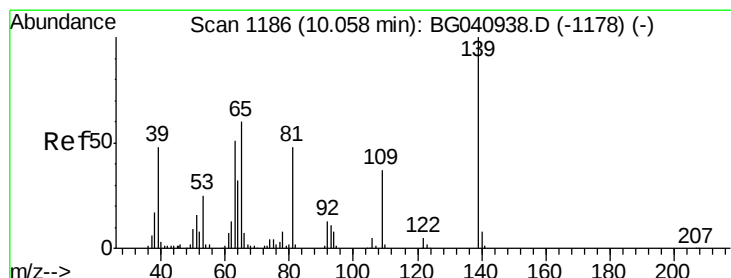
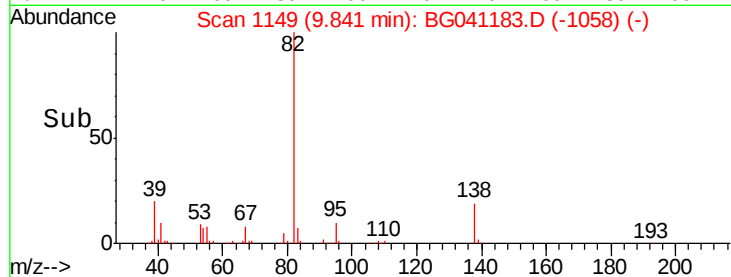
150000

100000

50000

0

Time-->



#26

2-Nitrophenol

Concen: 48.807 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

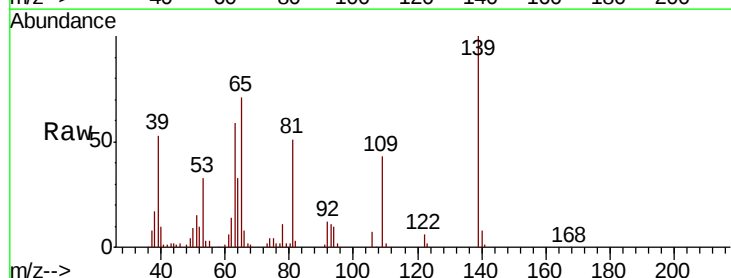
Tgt Ion: 139 Resp: 64947

Ion Ratio Lower Upper

139 100

109 42.6 29.8 44.6

65 71.3 47.8 71.6



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

10.03

40000

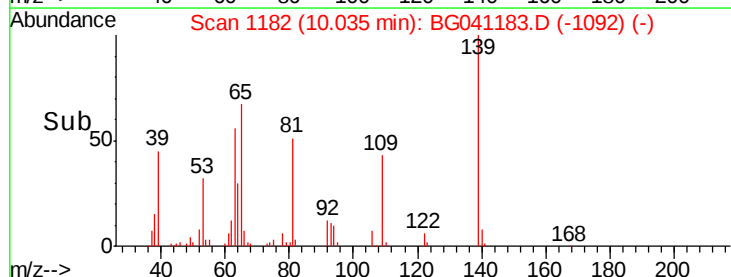
30000

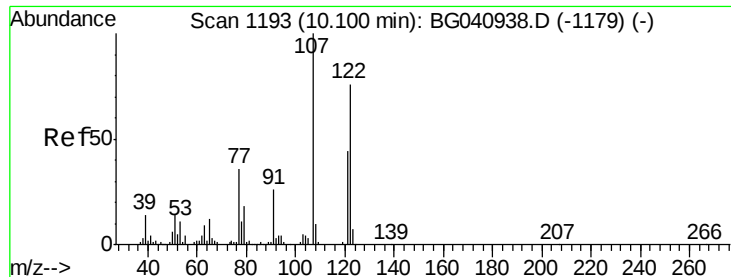
20000

10000

0

Time-->

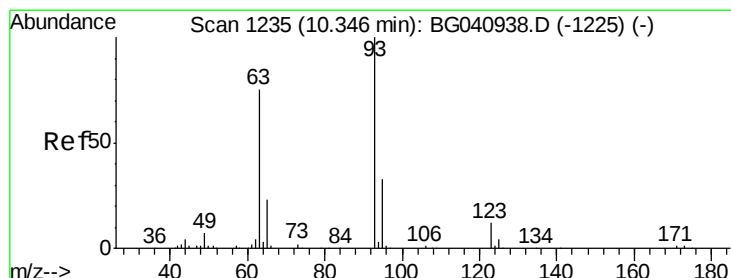
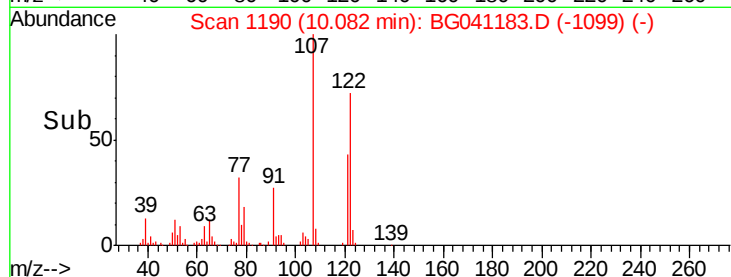
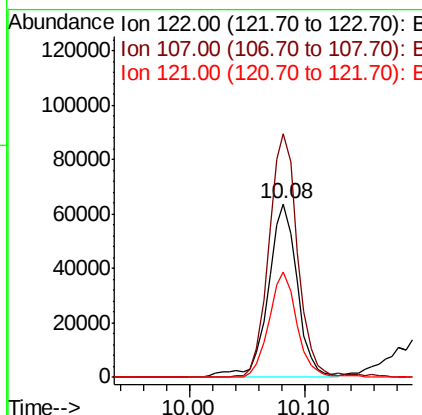
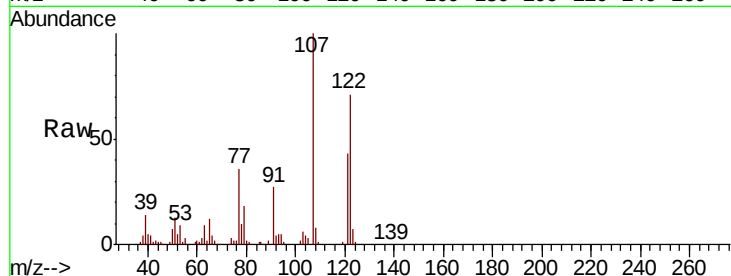




#27
 2,4-Dimethylphenol
 Concen: 51.227 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

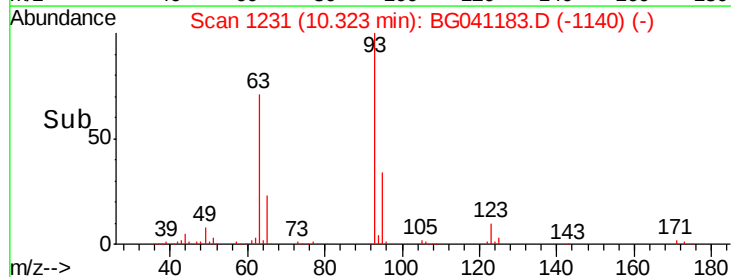
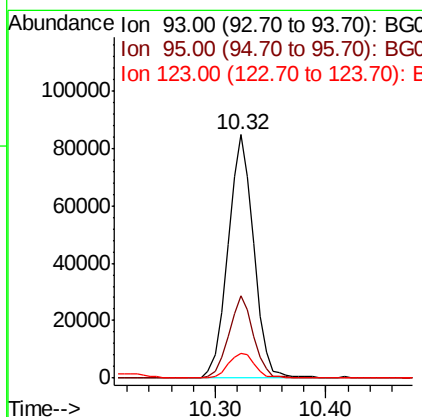
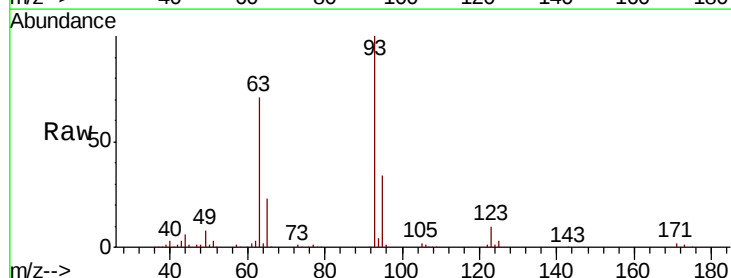
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.1	105.9	158.9
121	60.7	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.430 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.2	39.2
123	10.3	9.5	14.3

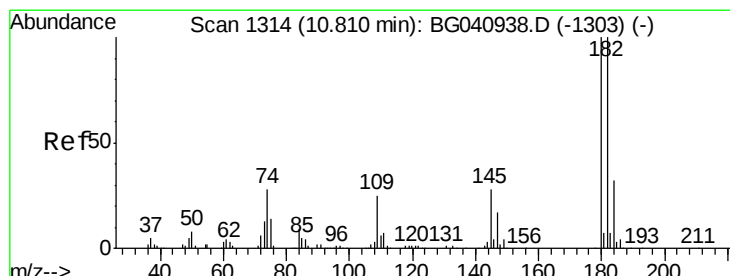
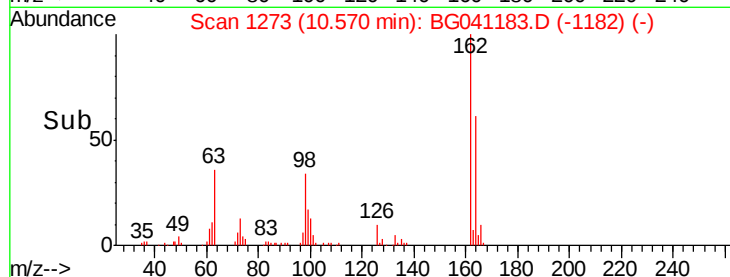
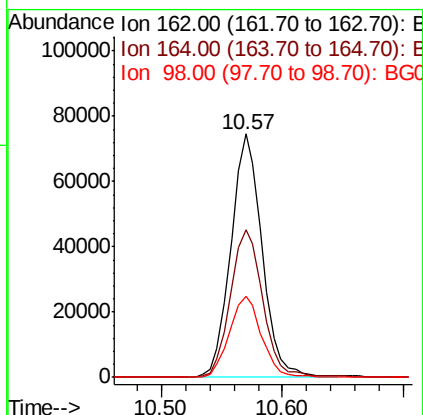
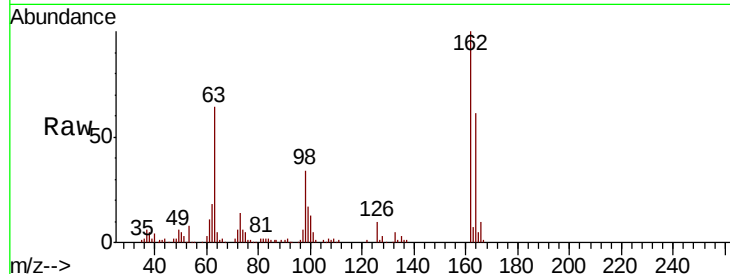




#29
 2,4-Dichlorophenol
 Concen: 47.969 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

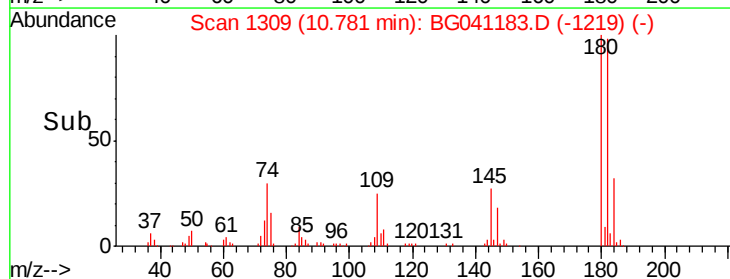
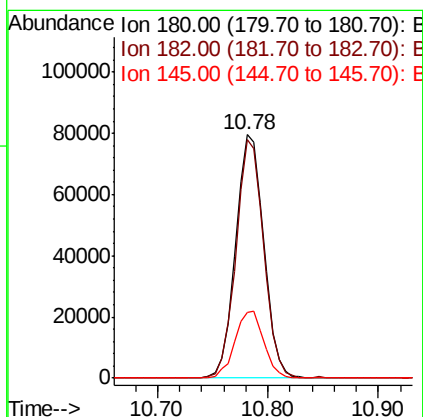
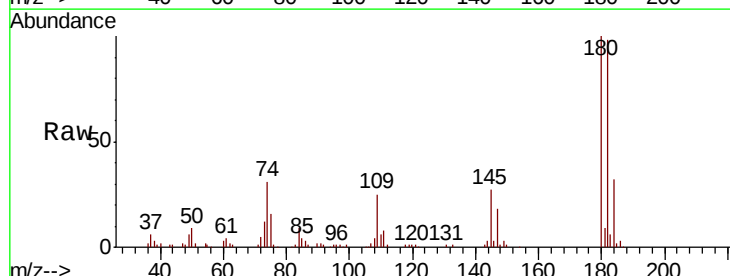
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.8	39.4	79.4
98	33.5	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.874 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	79.7	119.5
145	26.9	22.6	34.0

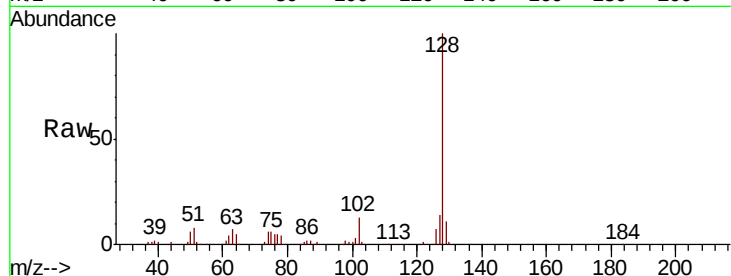




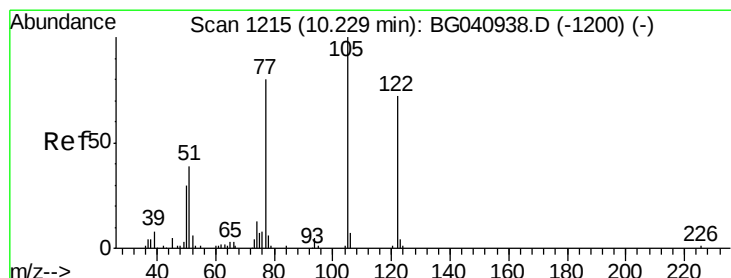
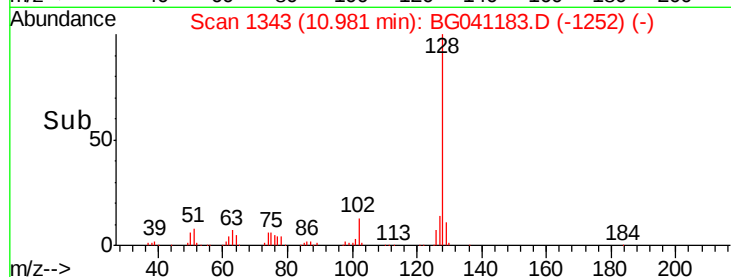
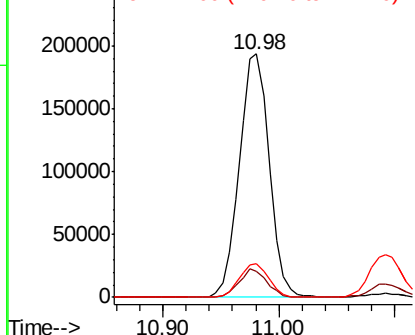
#31
Naphthalene
Concen: 46.023 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 347453
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.8 11.4 17.2

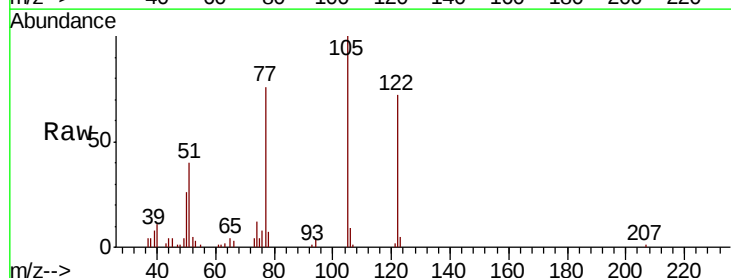


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

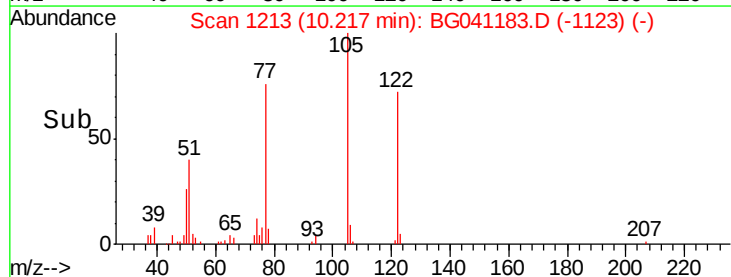
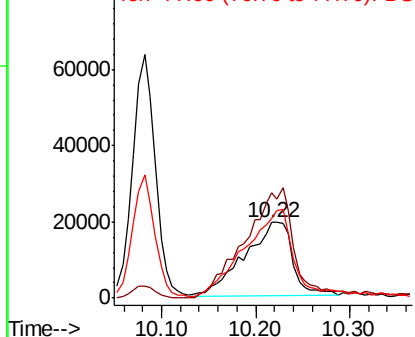


#32
Benzoic acid
Concen: 41.569 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion:122 Resp: 68794
Ion Ratio Lower Upper
122 100
105 138.9 114.8 154.8
77 105.2 89.9 129.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

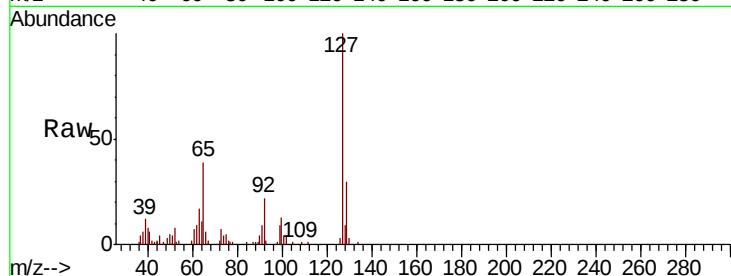




#33
4-Chloroaniline
Concen: 20.336 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	71236
Ion	Ratio	Lower	Upper
127	100		
129	29.9	27.7	41.5
65	39.1	33.2	49.8
92	22.2	17.2	25.8



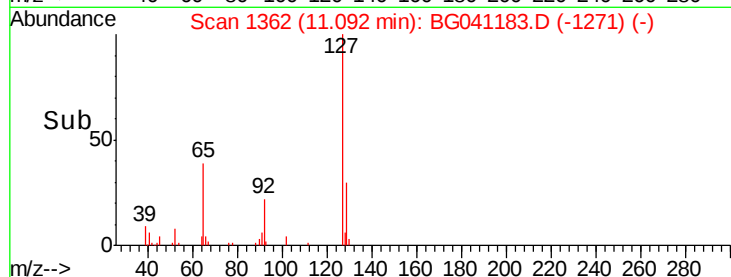
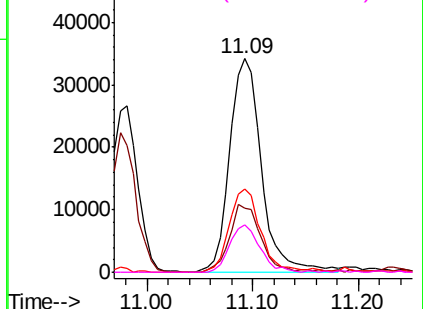
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

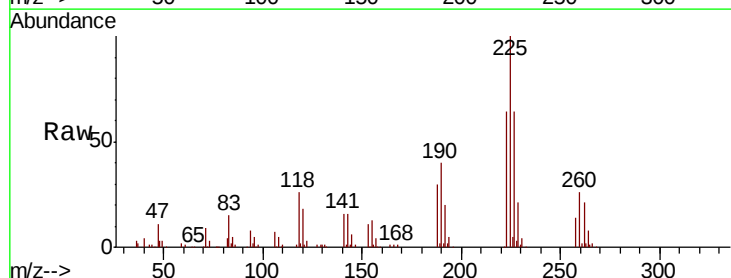
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.751 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion:	225	Resp:	101421
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	66.3	51.4	77.0

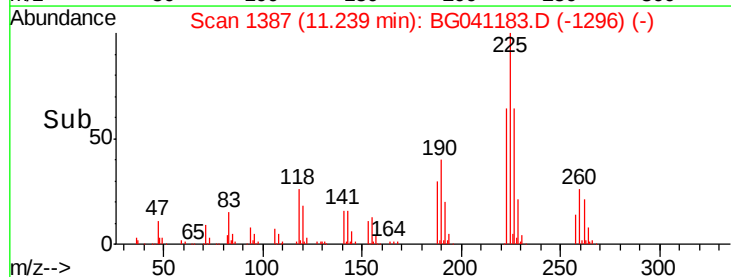
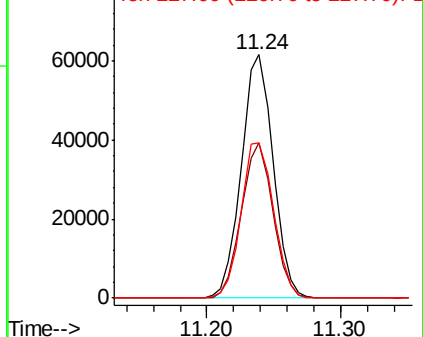


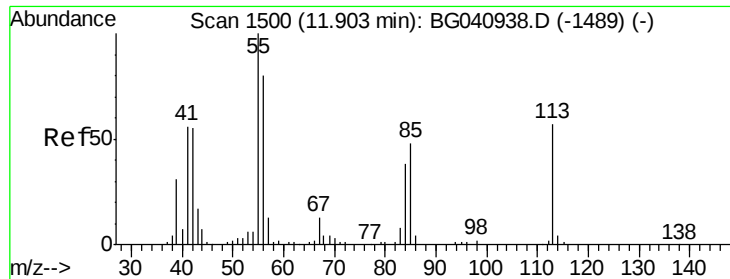
Abundance

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: 34.027 ng

RT: 11.89 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

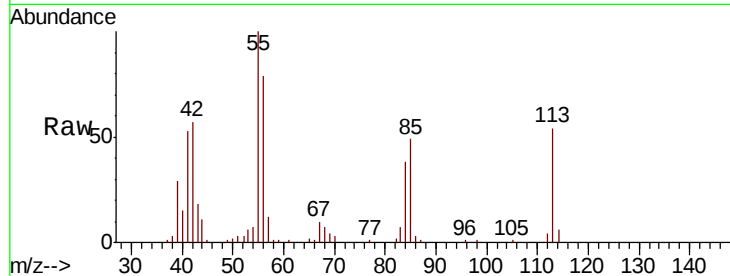
Tot Ion:113 Resp: 31359

Ion Ratio Lower Upper

113 100

55 185.3 155.9 195.9

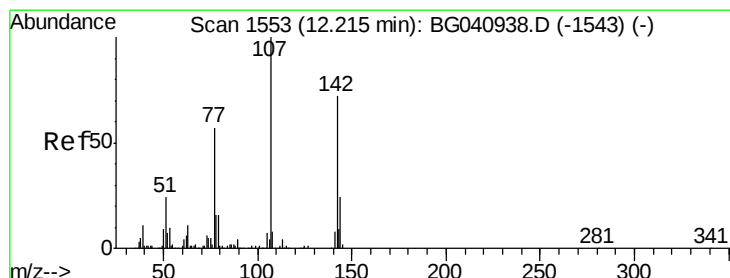
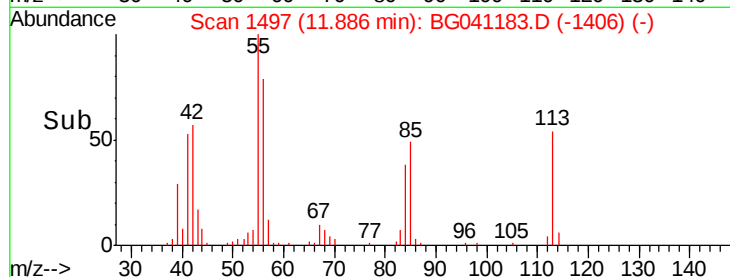
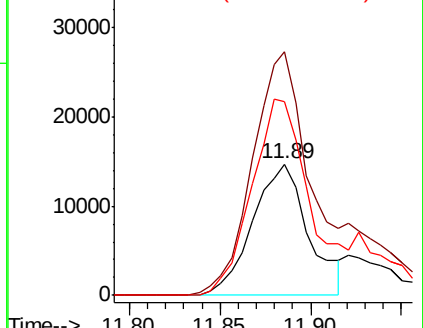
56 147.0 119.9 159.9



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: 46.501 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

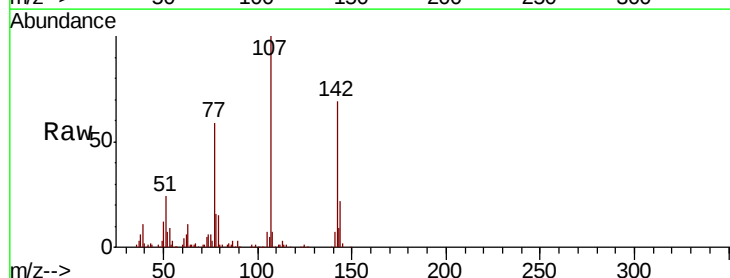
Tgt Ion:107 Resp: 148211

Ion Ratio Lower Upper

107 100

144 22.2 19.4 29.0

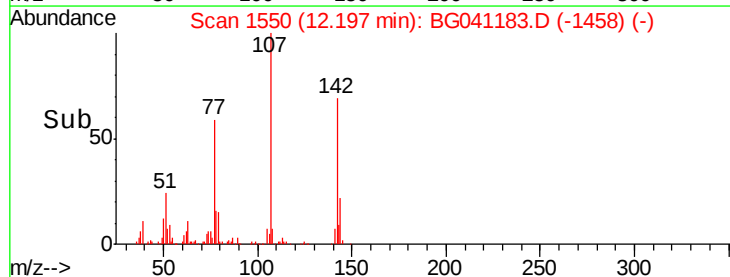
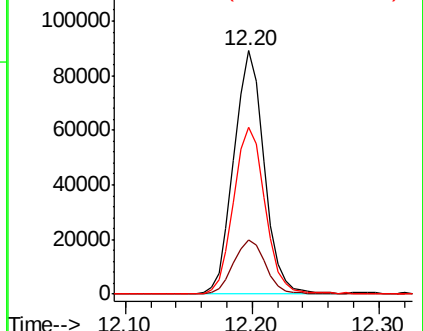
142 68.7 57.3 85.9

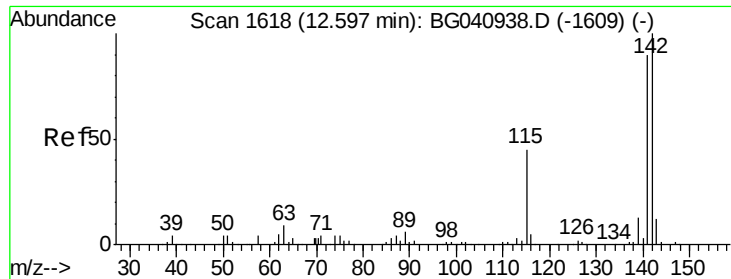


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

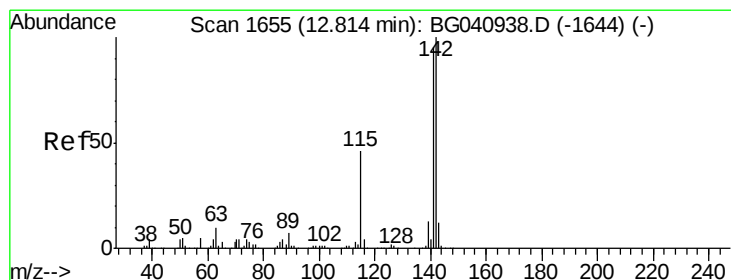
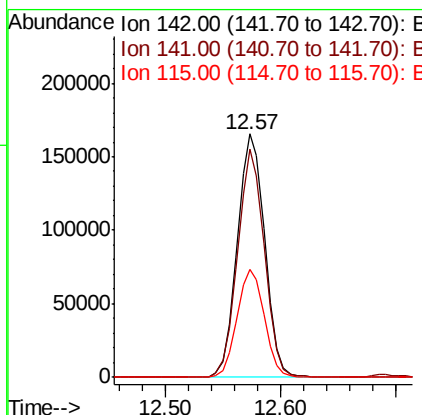
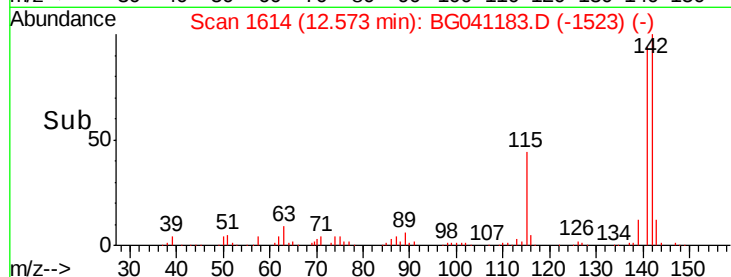
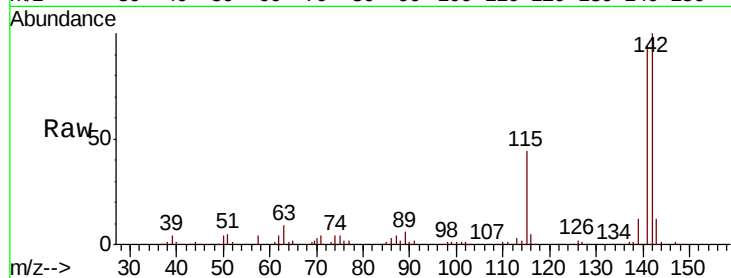




#37
2-Methylnaphthalene
Concen: 46.713 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

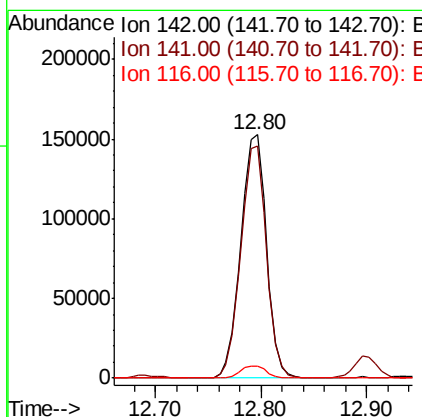
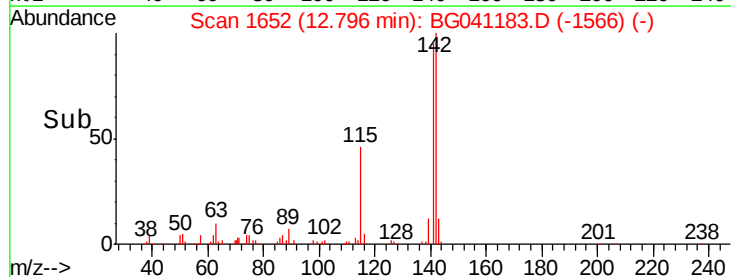
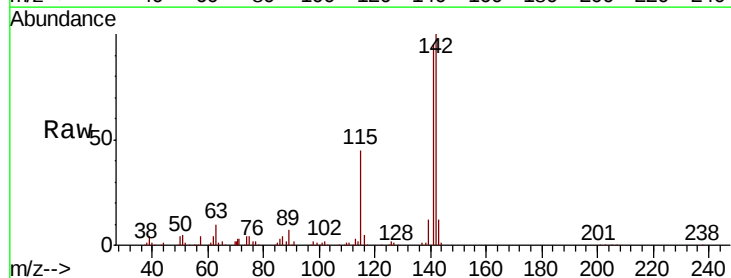
Instrument :
BNA_G
ClientSampleId :

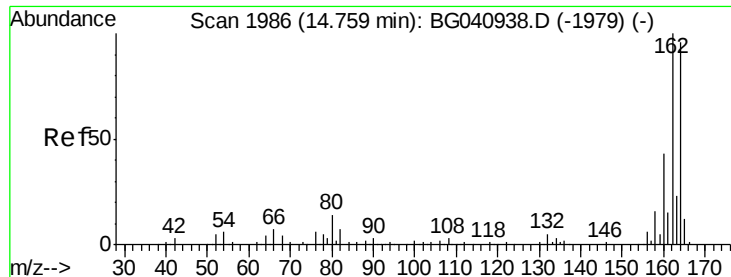
Tot Ion:142 Resp: 271613
Ion Ratio Lower Upper
142 100
141 93.6 72.2 108.4
115 44.1 36.2 54.4



#38
1-Methylnaphthalene
Concen: 47.106 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion:142 Resp: 258105
Ion Ratio Lower Upper
142 100
141 95.1 75.7 113.5
116 4.8 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

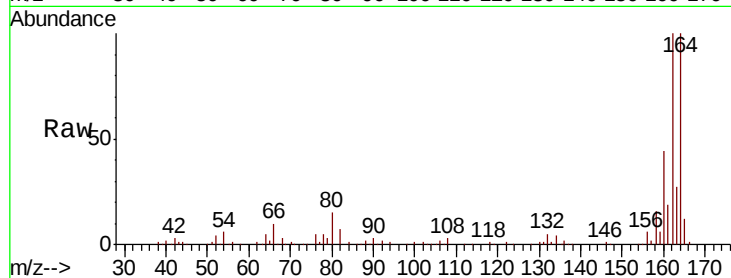
Tot Ion:164 Resp: 110588

Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.4

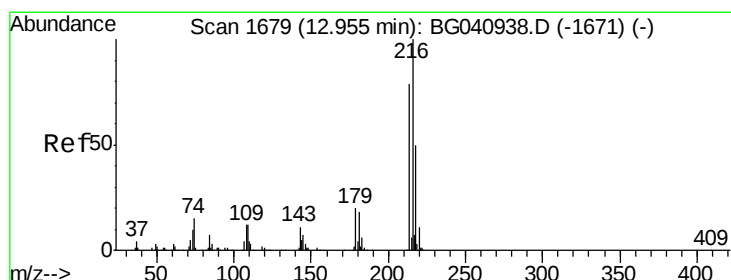
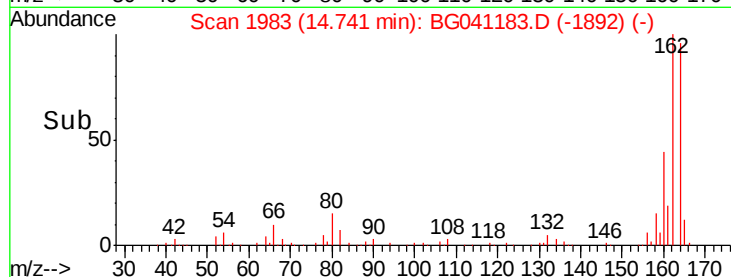
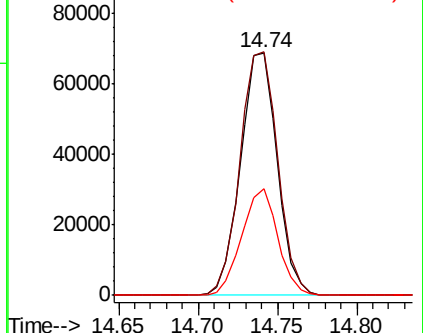
160 44.0 35.6 53.4



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: 45.723 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:216 Resp: 203802

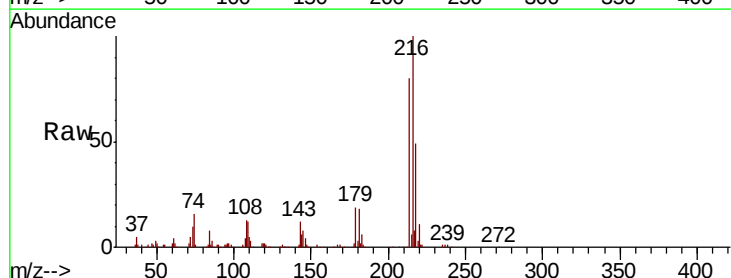
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 18.9 15.2 22.8

108 16.6 11.4 17.2

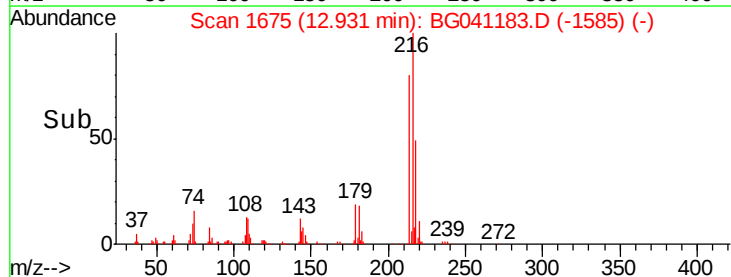
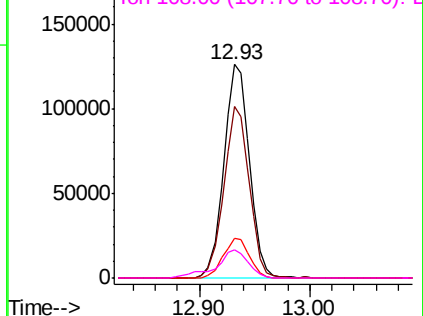


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

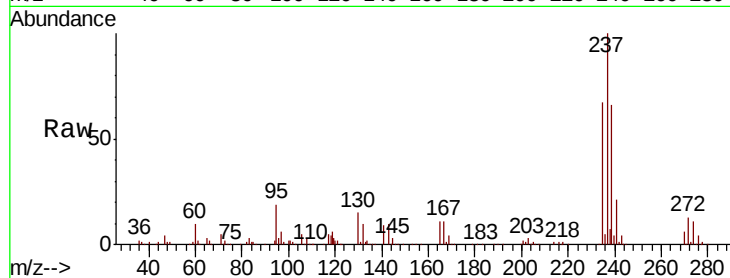




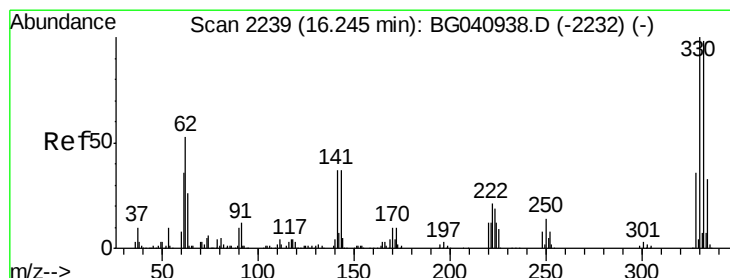
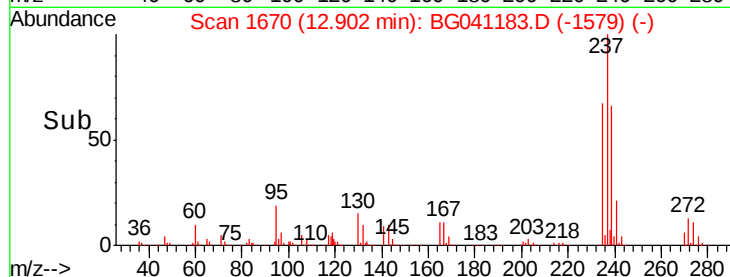
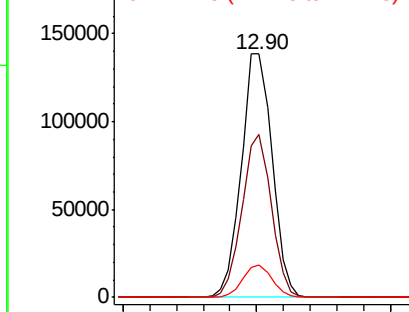
#41
Hexachlorocyclopentadiene
Concen: 90.930 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 220875
Ion Ratio Lower Upper
237 100
235 67.1 45.5 85.5
272 13.3 0.0 32.9

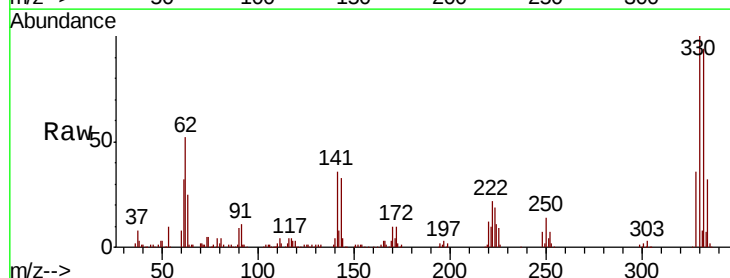


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

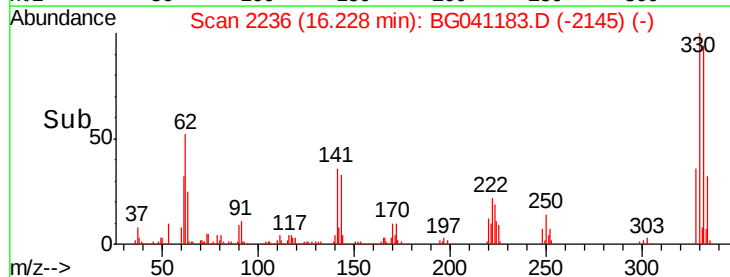
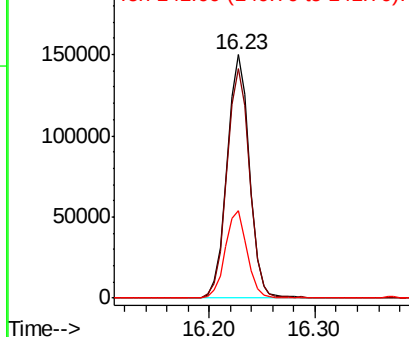


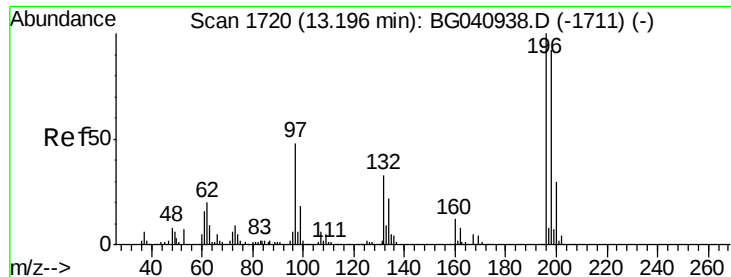
#42
2,4,6-Tribromophenol
Concen: 133.298 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion:330 Resp: 218843
Ion Ratio Lower Upper
330 100
332 95.5 78.5 117.7
141 35.1 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

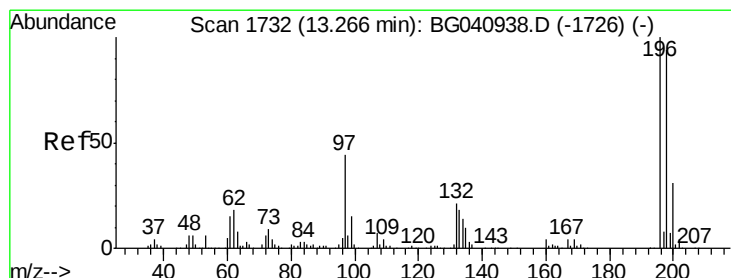
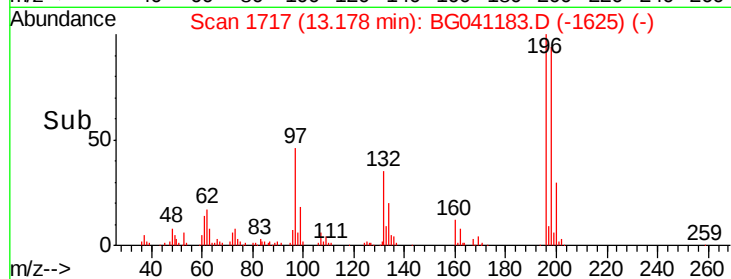
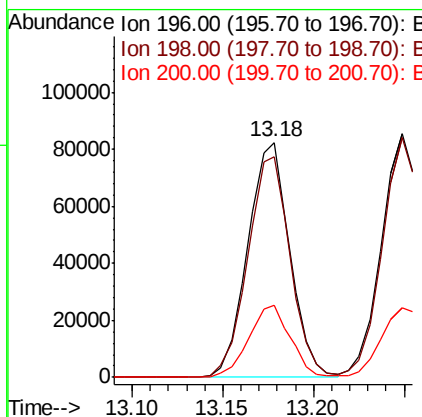
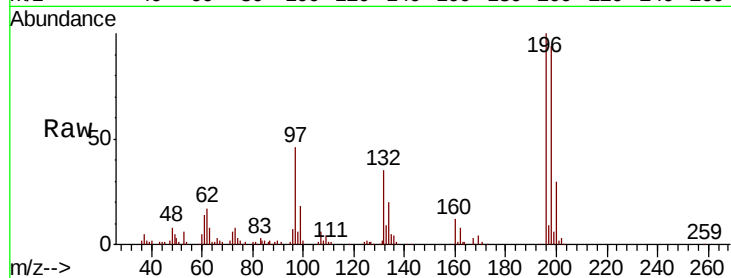




#43
 2,4,6-Trichlorophenol
 Concen: 46.009 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

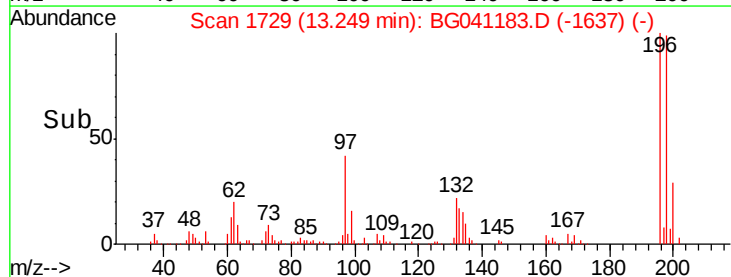
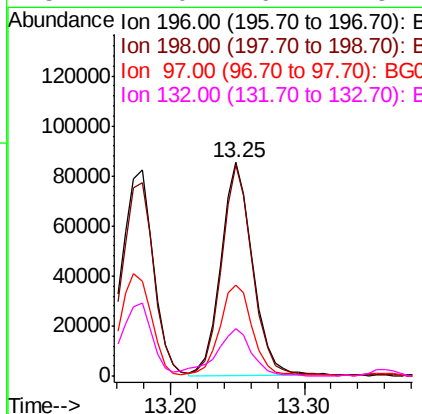
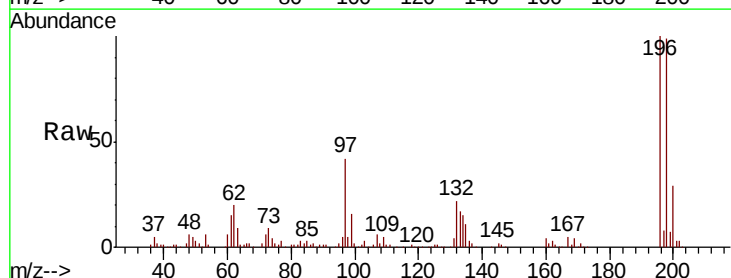
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 132667
 Ion Ratio Lower Upper
 196 100
 198 94.0 73.8 110.6
 200 30.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.324 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion:196 Resp: 140872
 Ion Ratio Lower Upper
 196 100
 198 98.7 75.1 112.7
 97 42.5 35.6 53.4
 132 22.0 16.7 25.1

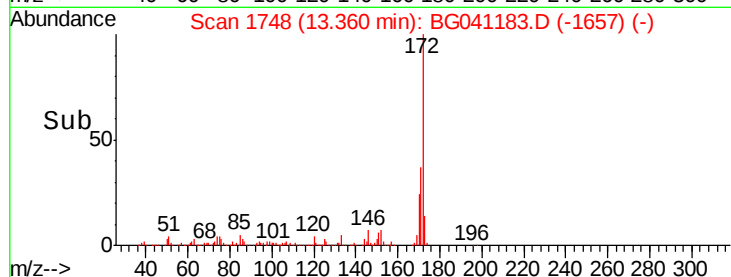
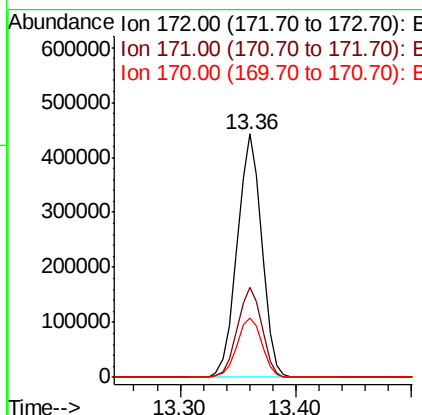
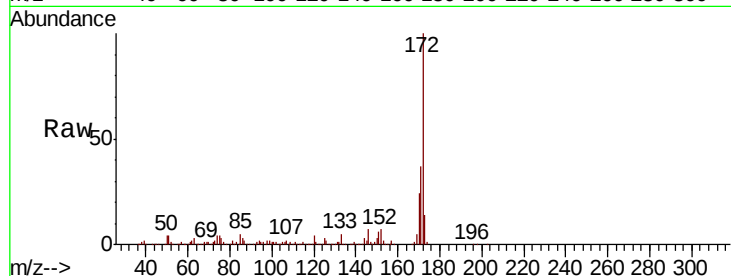




#45
2-Fluorobiphenyl
Concen: 84.531 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

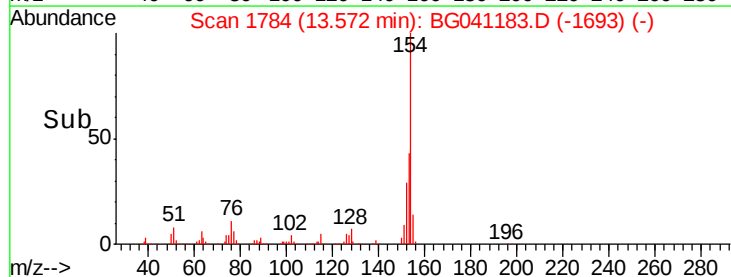
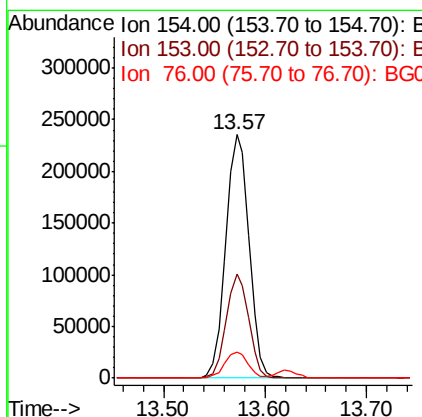
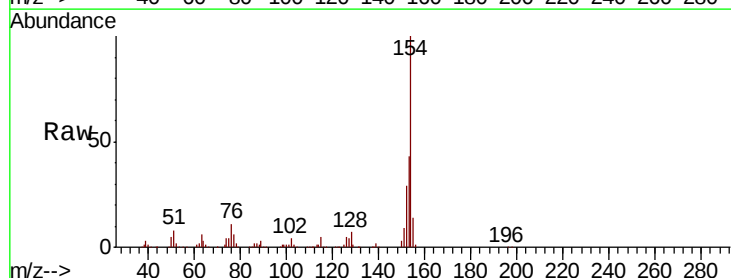
Instrument :
BNA_G
ClientSampleId :

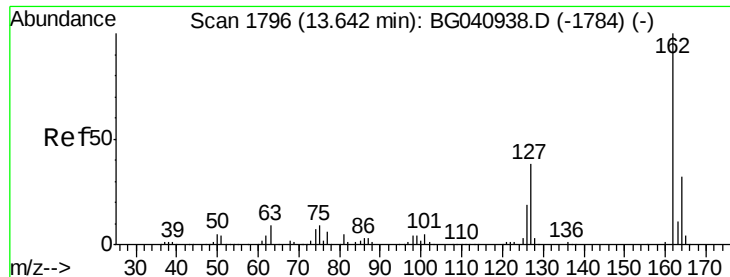
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.1	46.7
170	24.3	20.5	30.7



#46
1,1'-Biphenyl
Concen: 45.728 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.3	63.3
76	10.6	0.0	31.1

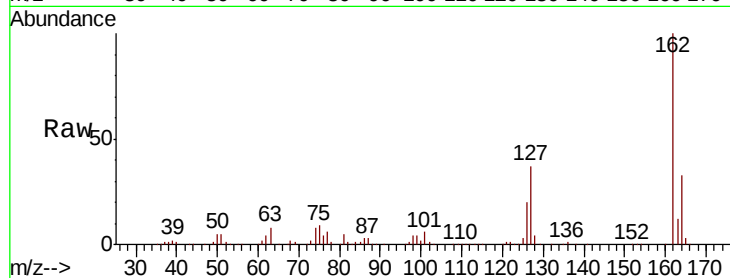




#47
 2-Chloronaphthalene
 Concen: 43.850 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	33.2	25.8	38.6

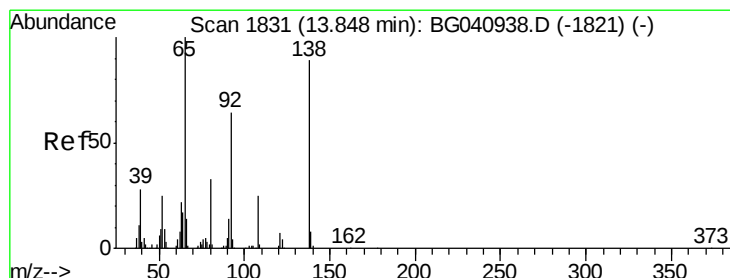
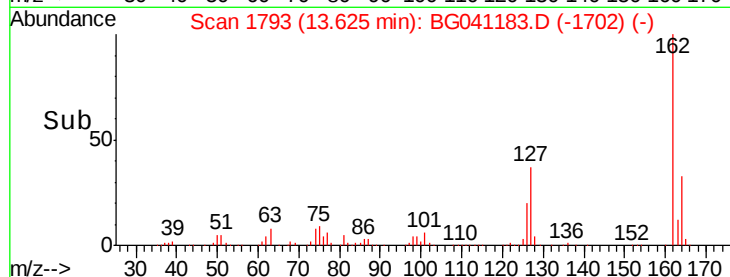
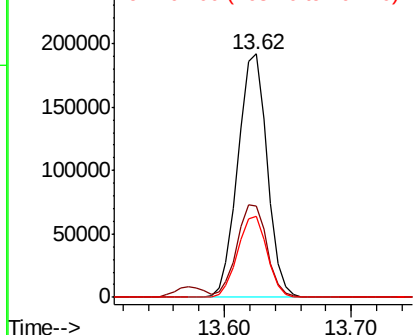


Abundance

Ion 162.00 (161.70 to 162.70): E

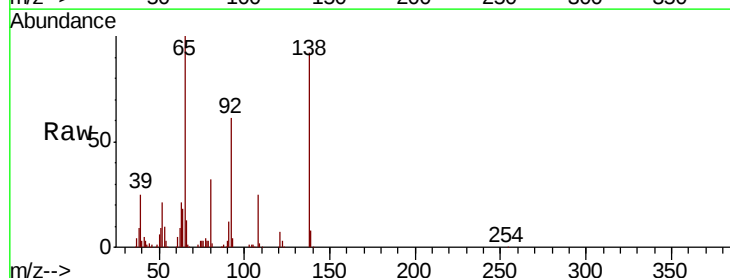
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 44.058 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	51.0	76.6
138	91.5	71.2	106.8

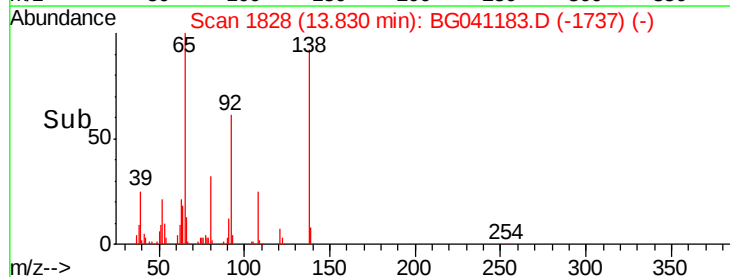
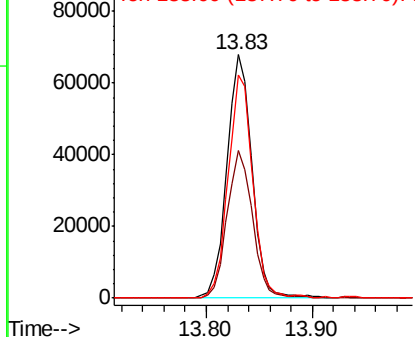


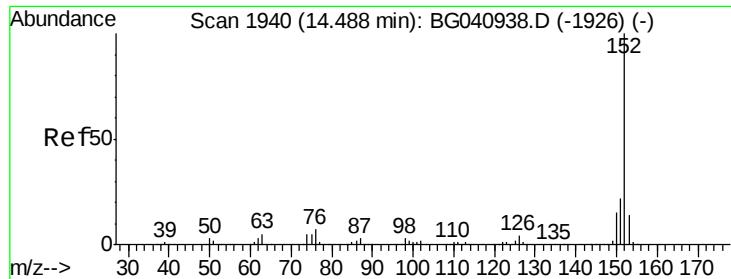
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.639 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

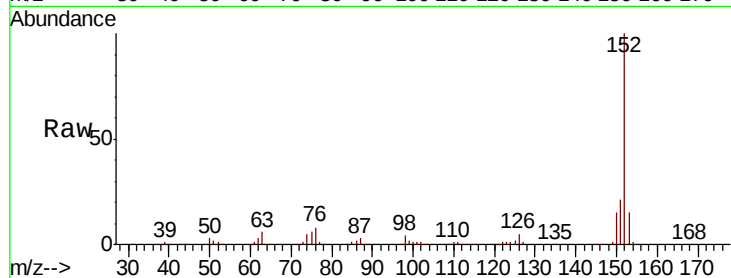
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 482713

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.4	26.0
153	14.6	11.0	16.4

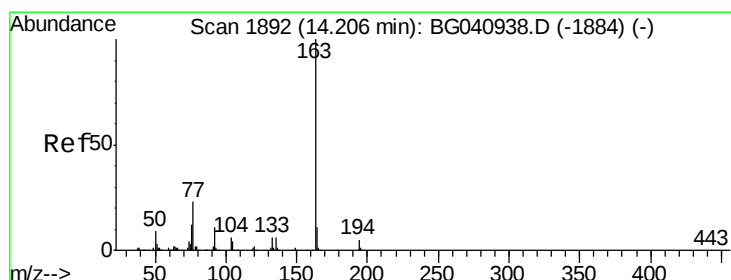
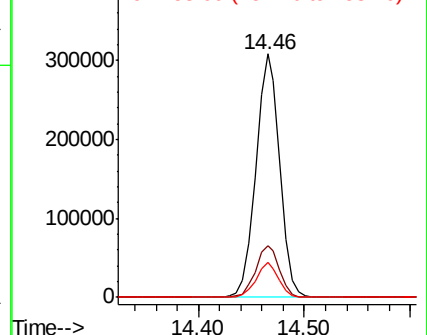
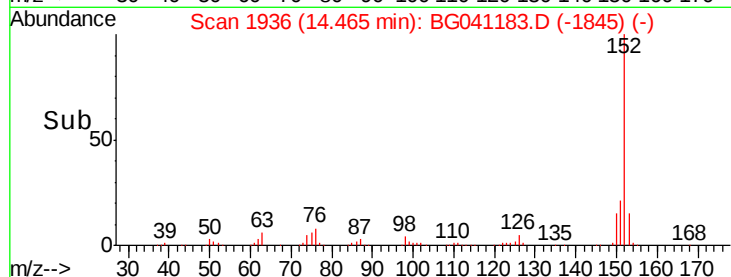


Abundance

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: 42.368 ng

RT: 14.19 min Scan# 1889

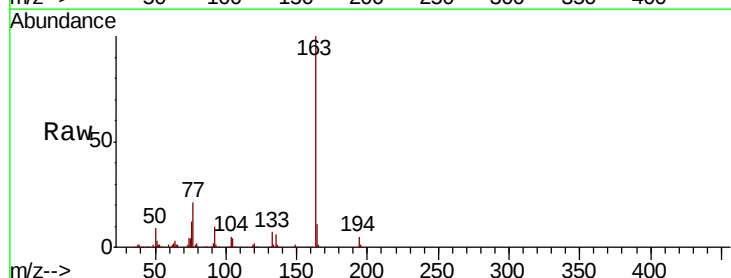
Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:163 Resp: 396618

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.8
164	10.6	8.7	13.1

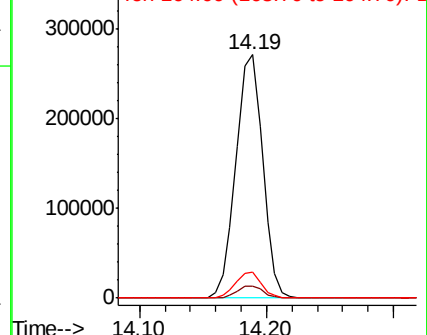
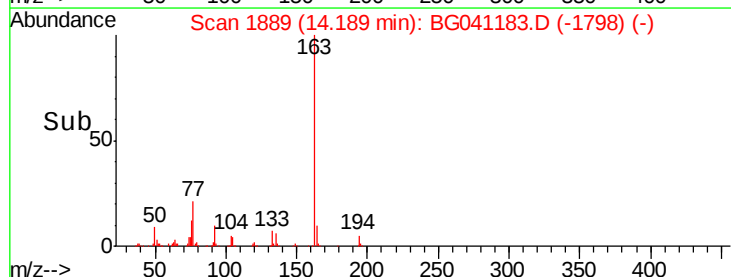


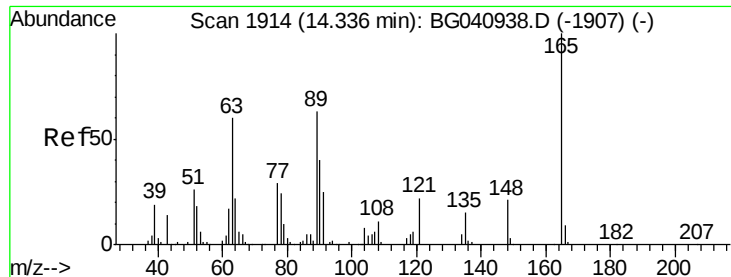
Abundance

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: 45.547 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

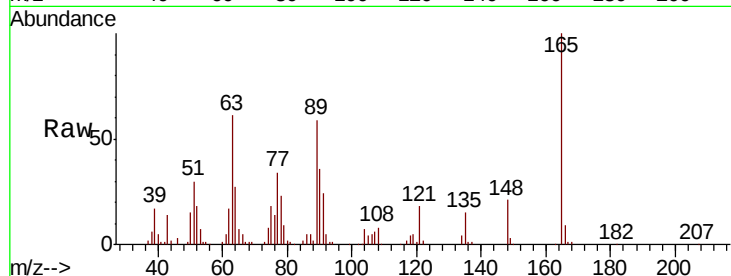
Tot Ion:165 Resp: 91931

Ion Ratio Lower Upper

165 100

63 61.1 53.6 80.4

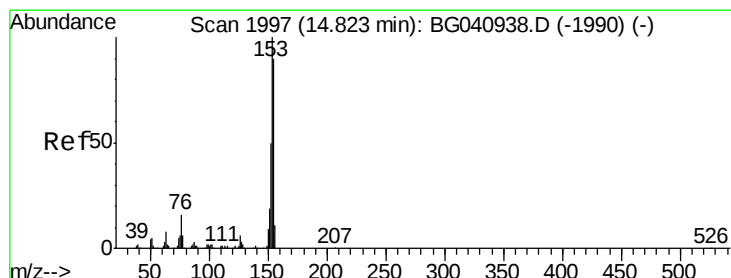
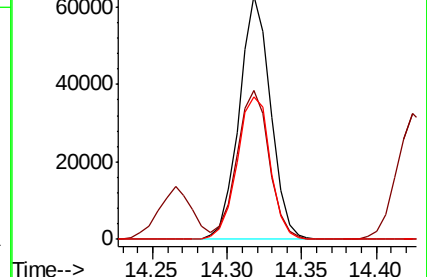
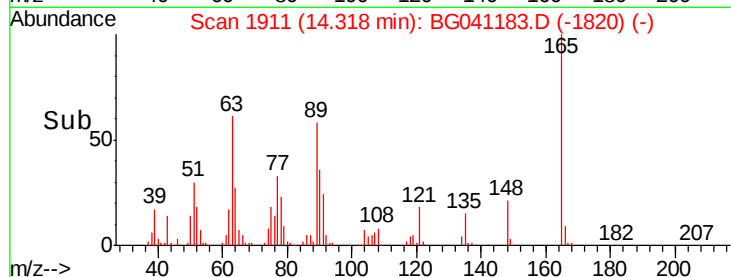
89 58.6 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 44.024 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

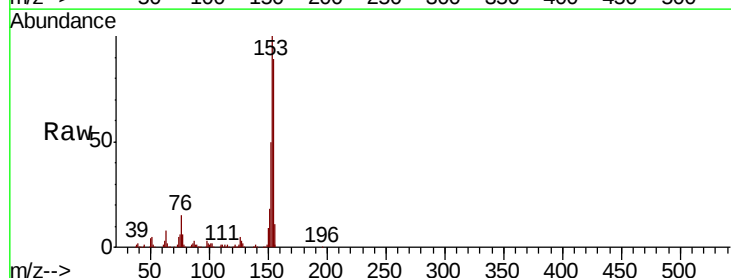
Tgt Ion:154 Resp: 282081

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

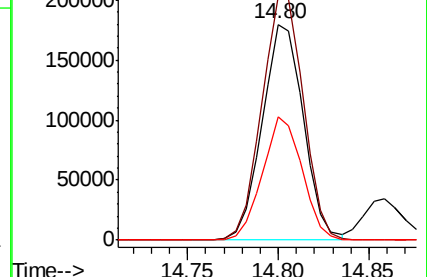
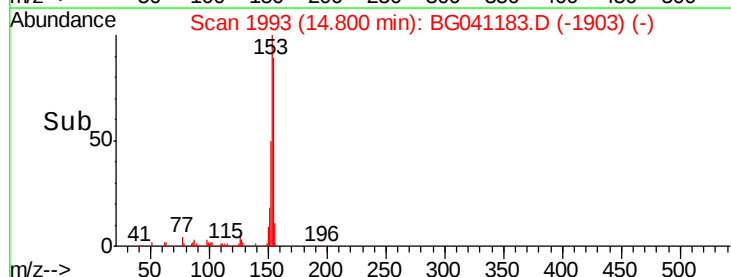
152 56.9 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.598 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

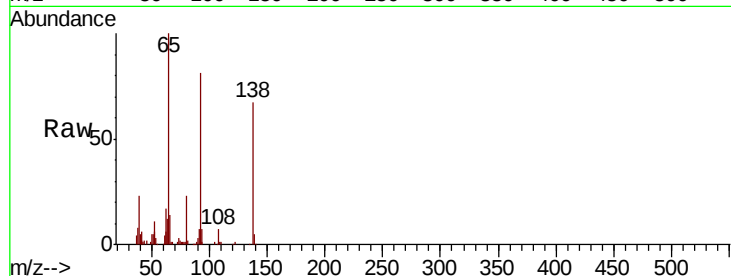
Tot Ion:138 Resp: 63774

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

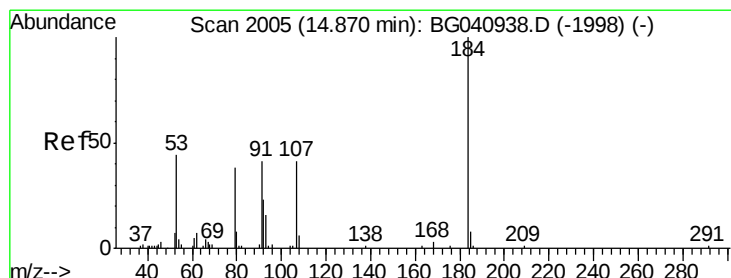
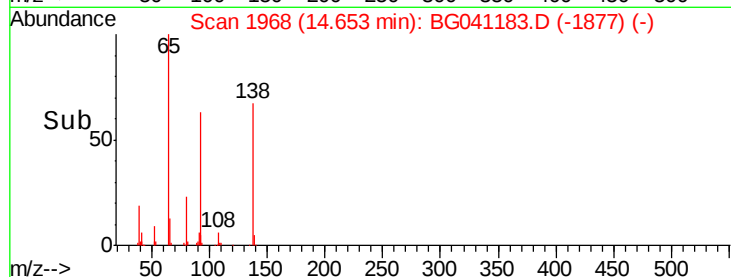
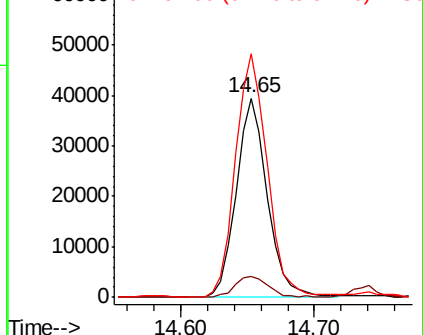
92 122.1 99.0 148.6



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: 82.133 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

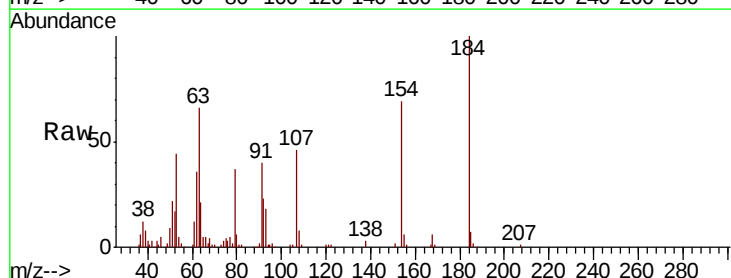
Tgt Ion:184 Resp: 87395

Ion Ratio Lower Upper

184 100

63 66.2 49.8 74.6

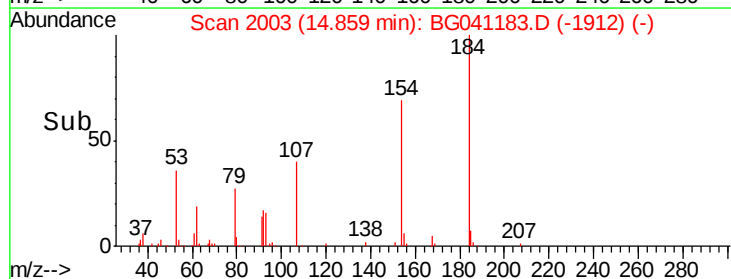
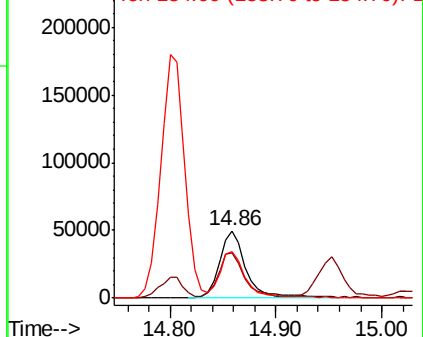
154 68.8 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

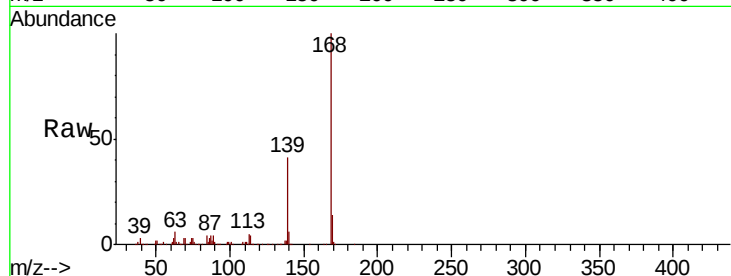




#55
Dibenzofuran
Concen: 45.754 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.8	49.2
169	13.9	11.3	16.9

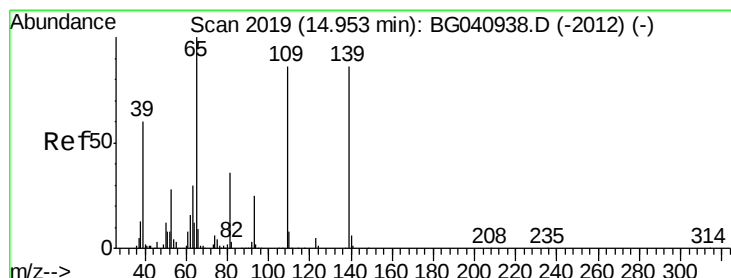
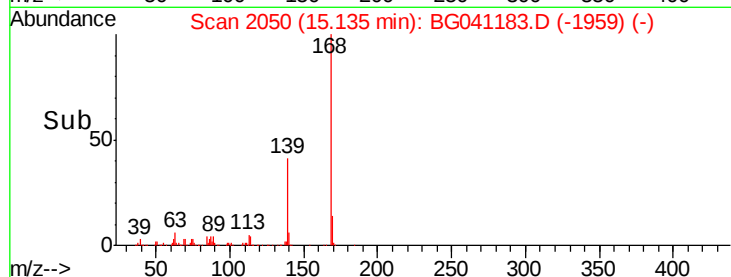
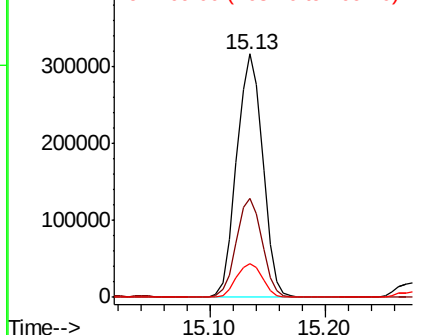


Abundance

Ion 168.00 (167.70 to 168.70): E

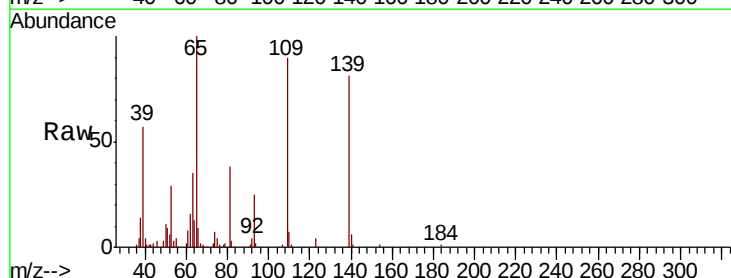
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 90.862 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.8	79.6	119.6
65	123.3	96.9	136.9

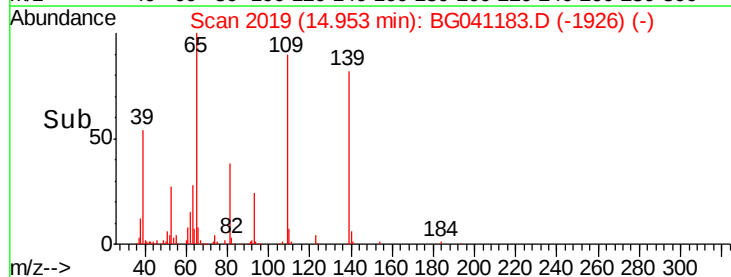
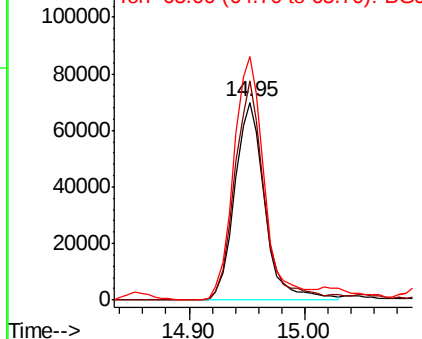


Abundance

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): E

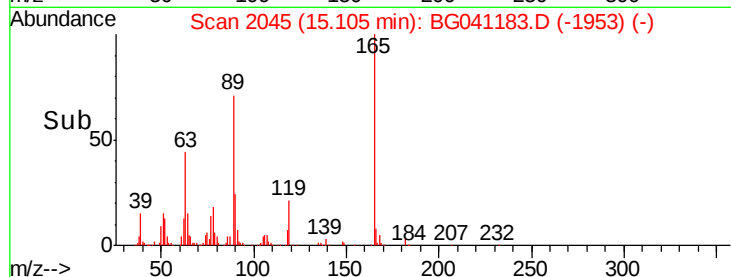
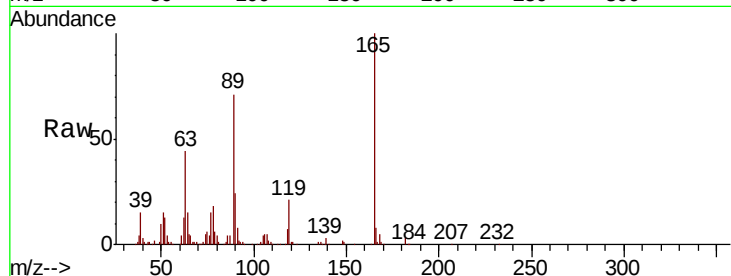




#57
2,4-Dinitrotoluene
Concen: 46.094 ng
RT: 15.11 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	37.3	55.9
89	70.5	61.0	91.6
182	3.1	2.2	3.2

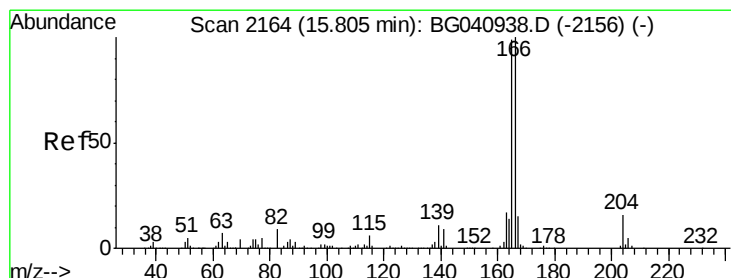
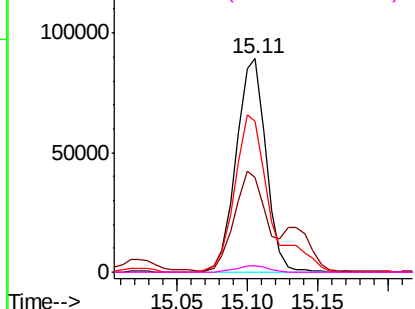


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

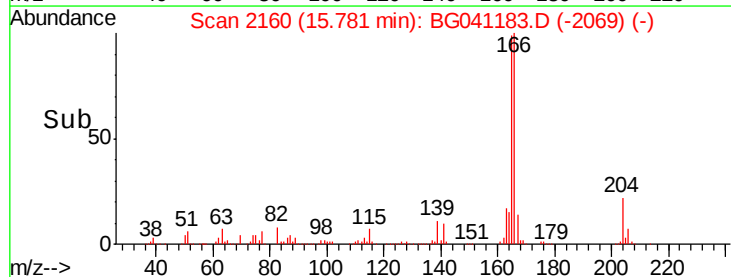
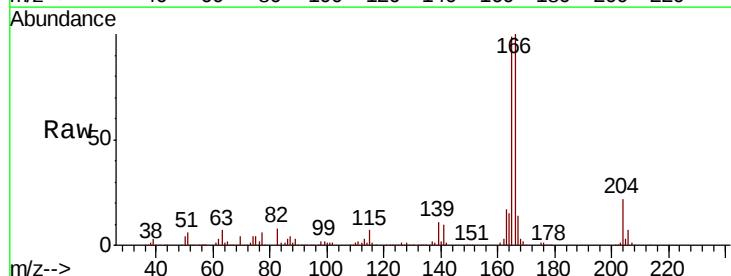
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.205 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

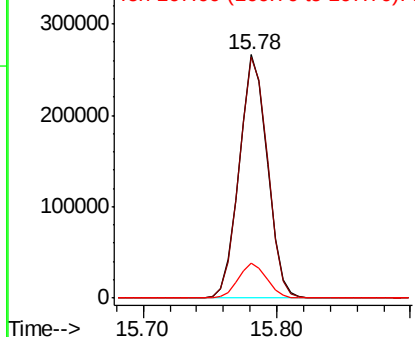
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.2	118.8
167	14.1	11.8	17.6



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: 47.808 ng

RT: 15.36 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 142878

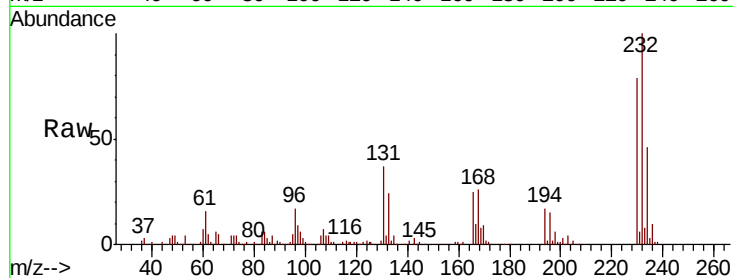
Ion Ratio Lower Upper

232 100

131 37.2 30.3 45.5

130 2.5 1.8 2.8

166 25.5 21.3 31.9

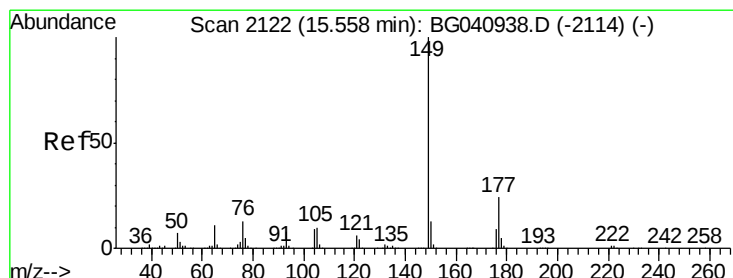
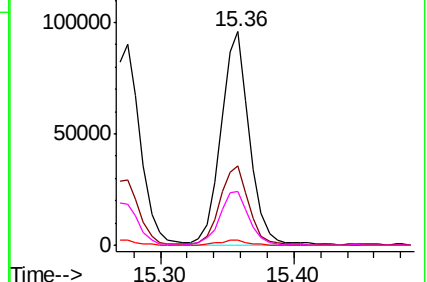
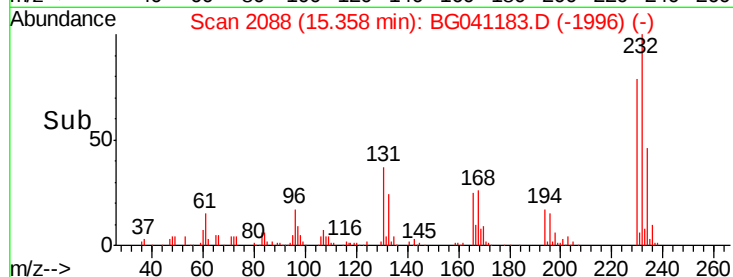


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.772 ng

RT: 15.54 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

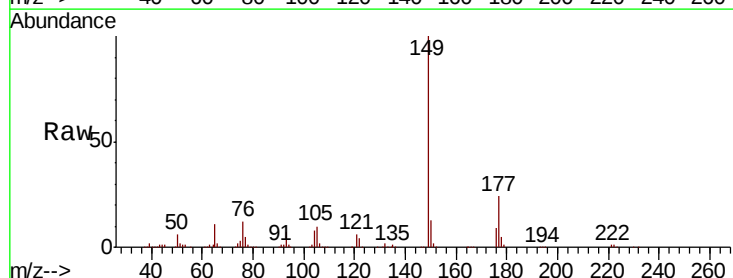
Tgt Ion:149 Resp: 408621

Ion Ratio Lower Upper

149 100

177 24.3 19.4 29.0

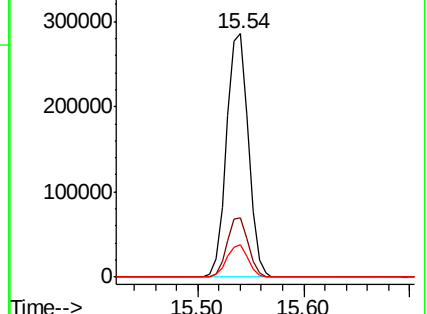
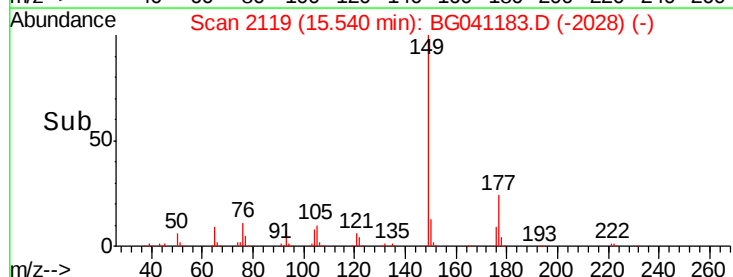
150 13.1 10.3 15.5

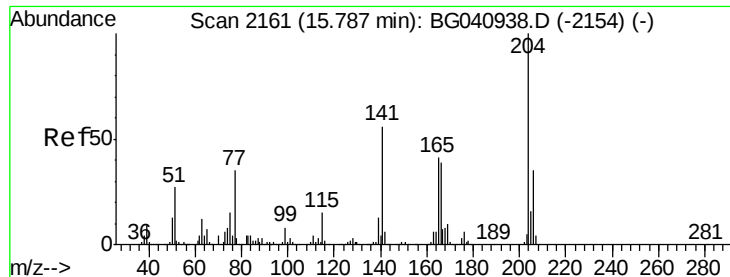


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

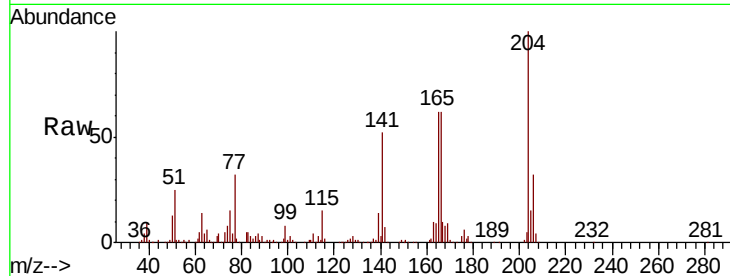




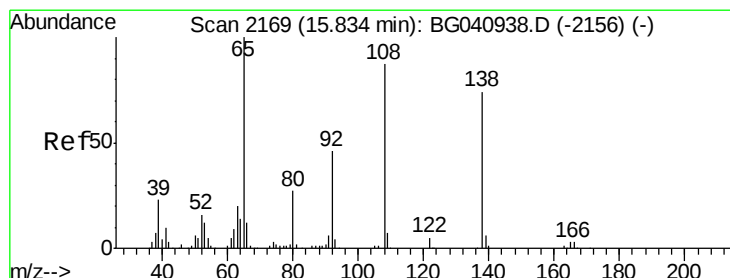
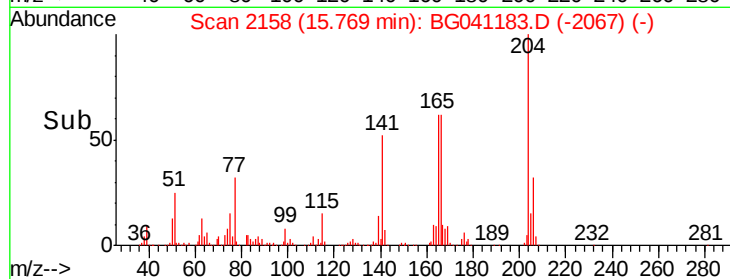
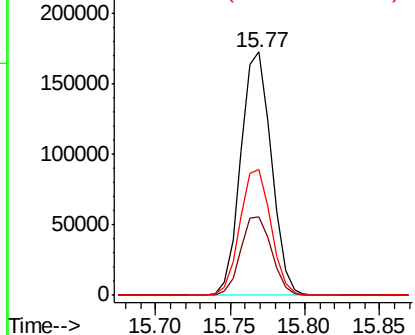
#61
4-Chlorophenyl-phenylether
Concen: 43.841 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 244671
Ion Ratio Lower Upper
204 100
206 32.3 27.6 41.4
141 51.5 45.1 67.7

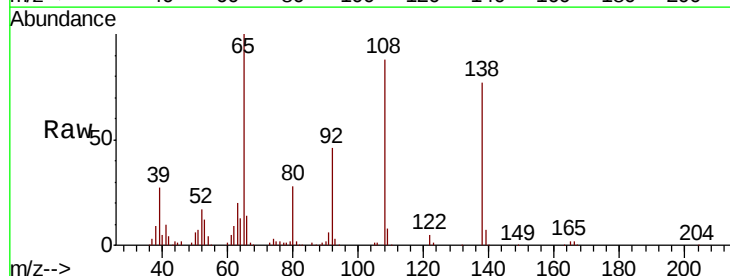


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

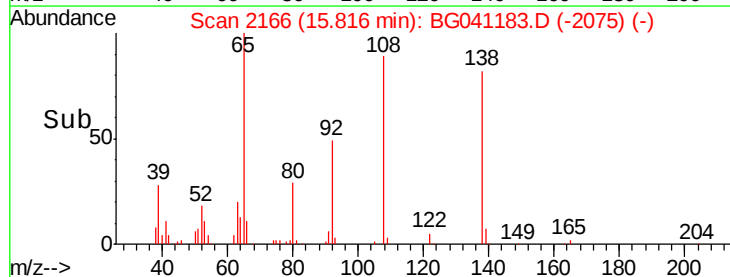
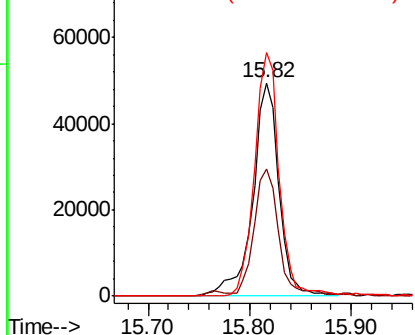


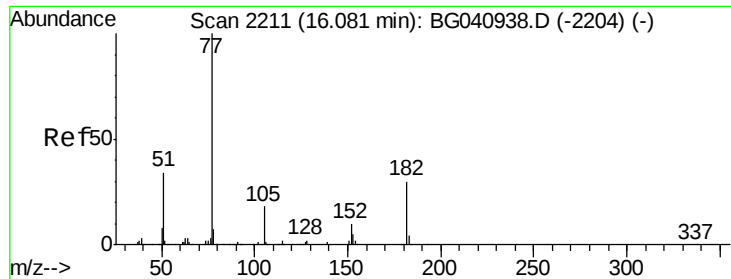
#62
4-Nitroaniline
Concen: 41.636 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion:138 Resp: 88966
Ion Ratio Lower Upper
138 100
92 59.8 42.4 82.4
108 114.3 96.9 136.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.669 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 379177

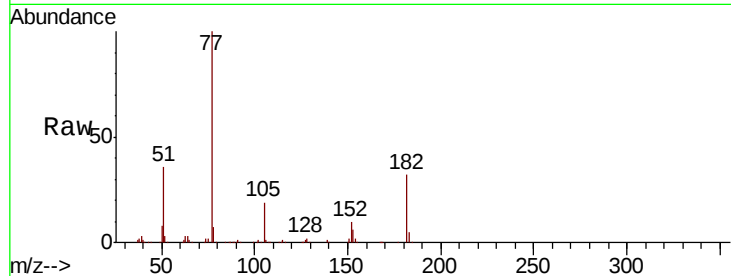
Ion Ratio Lower Upper

77 100

182 32.3 9.6 49.6

105 19.3 0.0 37.5

51 35.8 13.7 53.7

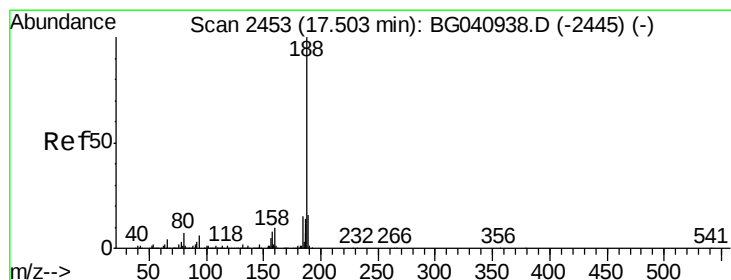
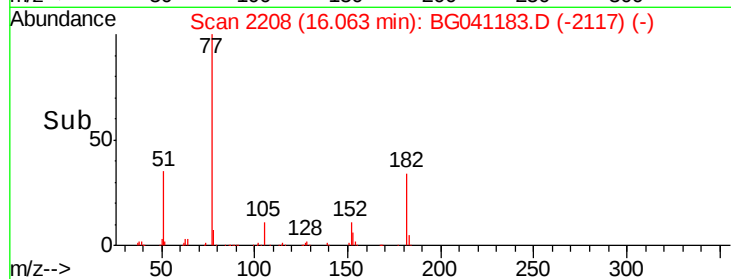
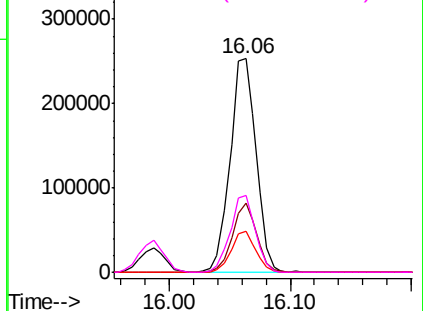


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

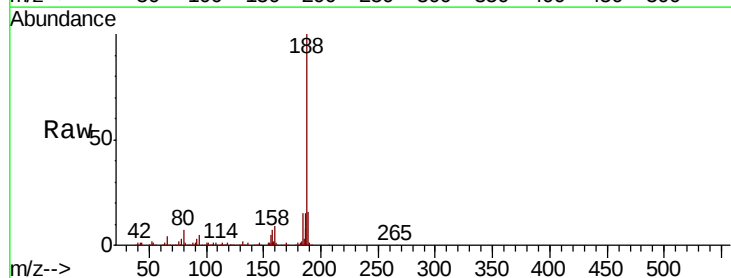
Tgt Ion: 188 Resp: 268858

Ion Ratio Lower Upper

188 100

94 5.5 4.7 7.1

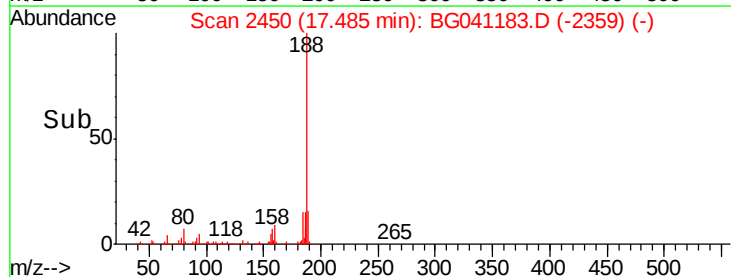
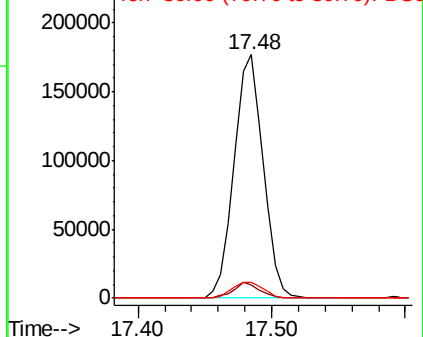
80 6.7 5.8 8.8



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: 50.180 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

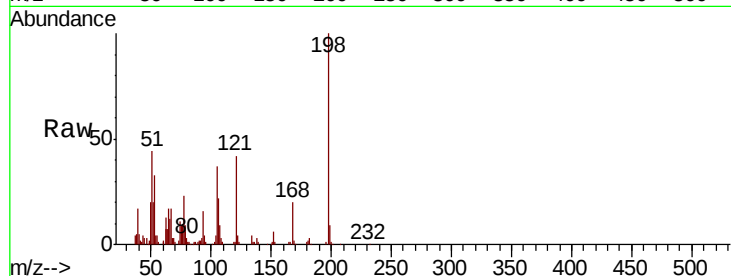
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 72979

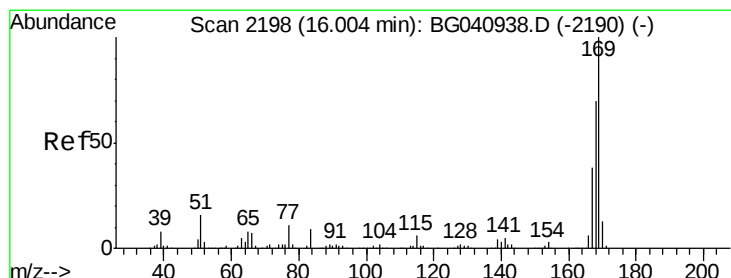
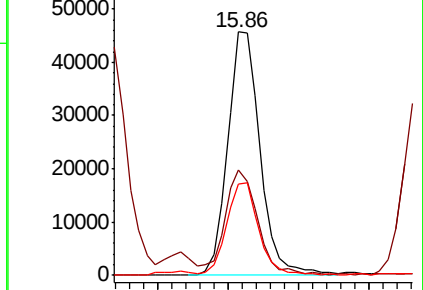
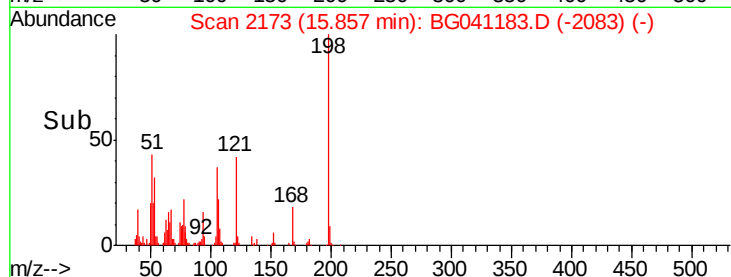
Ion	Ratio	Lower	Upper
198	100		
51	43.5	21.6	61.6
105	37.5	17.5	57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041183.D (-2169) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.302 ng

RT: 15.99 min Scan# 2195

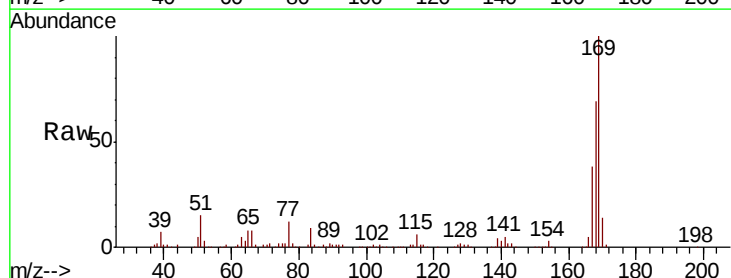
Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:169 Resp: 349946

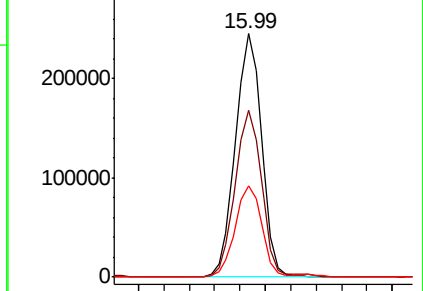
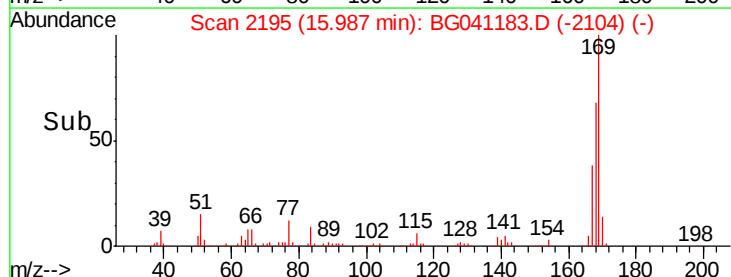
Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.7	83.5
167	37.7	30.2	45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

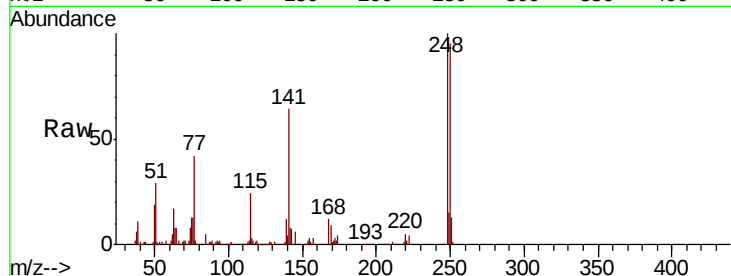




#67
4-Bromophenyl-phenylether
Concen: 44.444 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	75.0	112.4
141	63.6	52.4	78.6

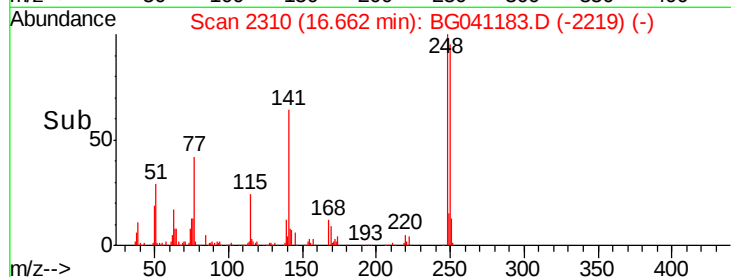
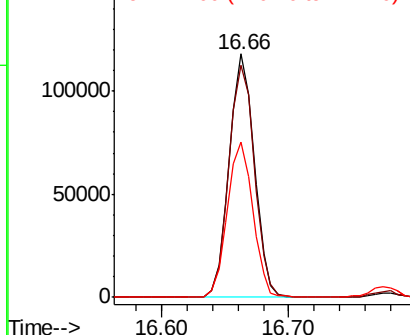


Abundance

Ion 248.00 (247.70 to 248.70): E

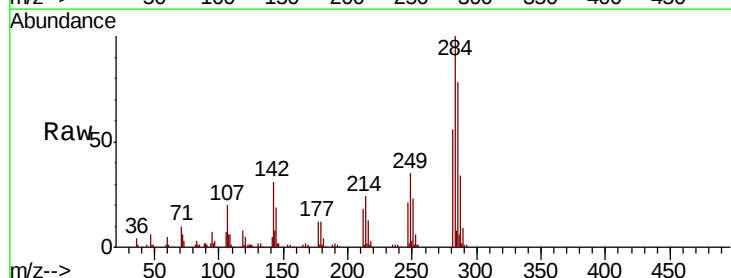
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.337 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	23.9	35.9
249	34.9	26.8	40.2

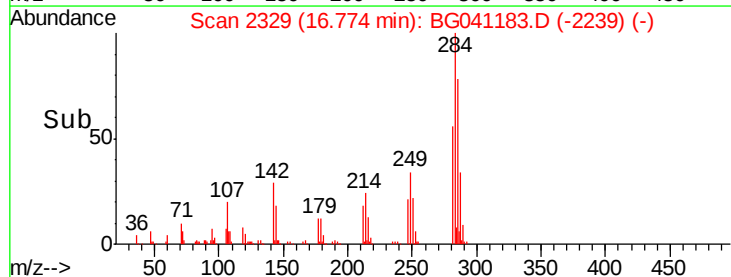
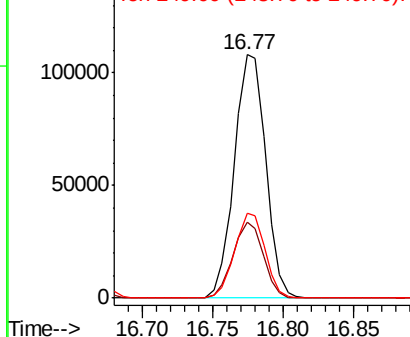


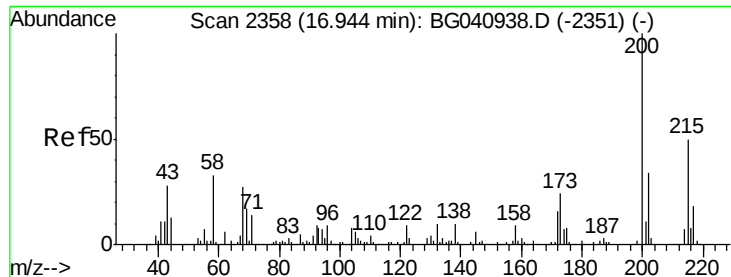
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

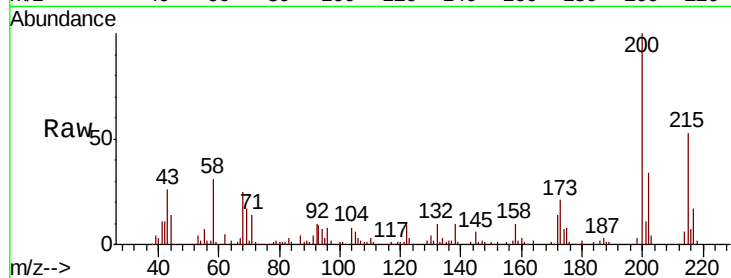




#69
Atrazine
Concen: 50.082 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	20.9	3.6	43.6
215	52.8	29.6	69.6

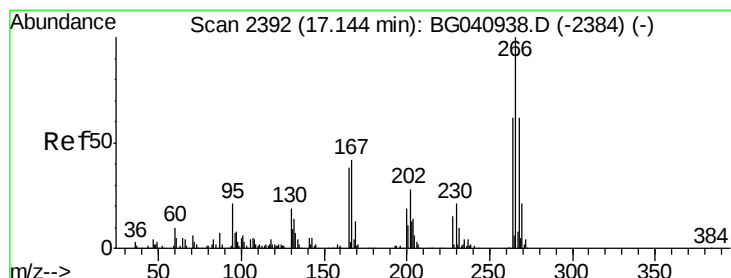
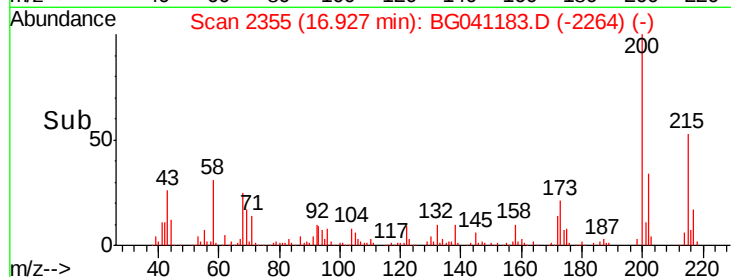
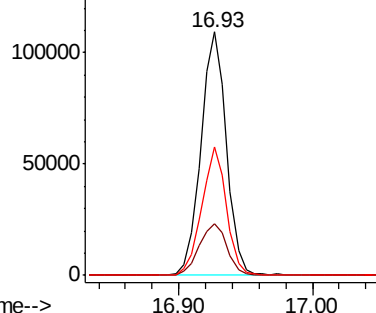


Abundance

Ion 200.00 (199.70 to 200.70): E

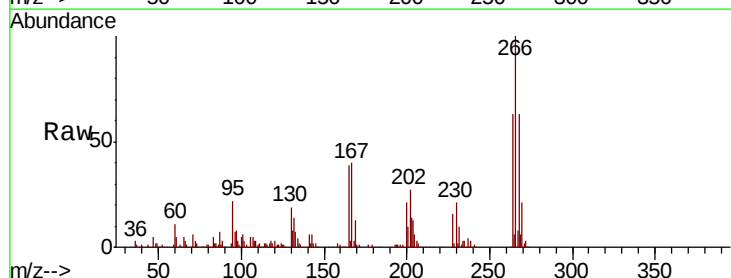
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 90.633 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	53.1	79.7
264	63.3	49.9	74.9

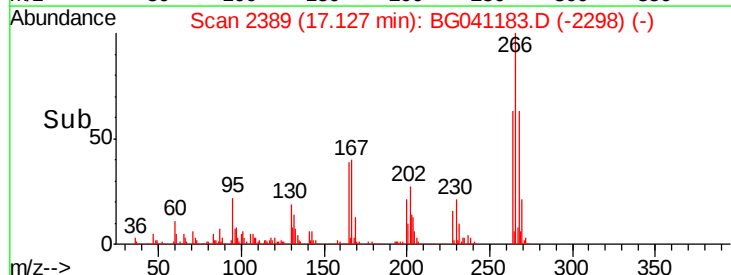
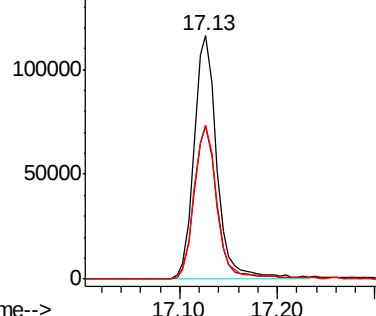


Abundance

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: 46.816 ng

RT: 17.53 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

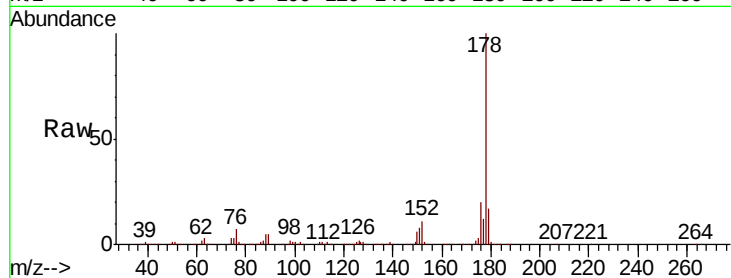
Tot Ion:178 Resp: 655636

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

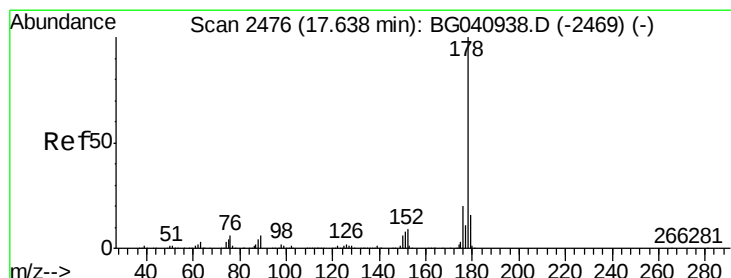
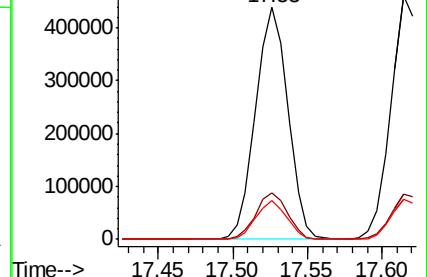
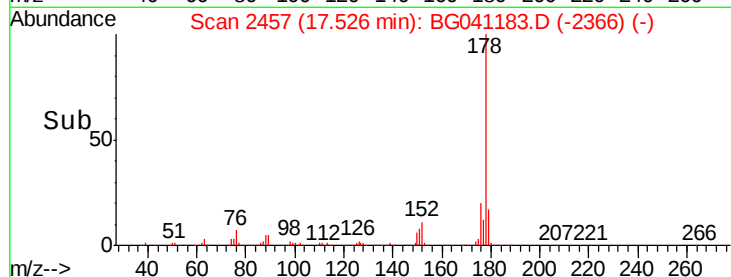
179 16.6 12.7 19.1



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: 49.186 ng

RT: 17.61 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

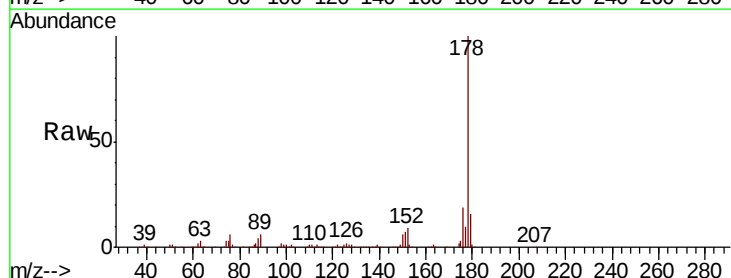
Tgt Ion:178 Resp: 679365

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

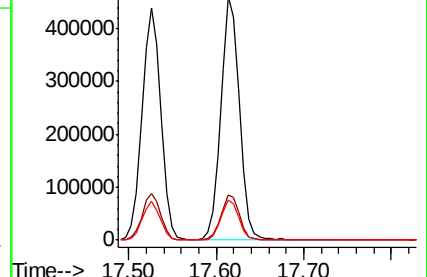
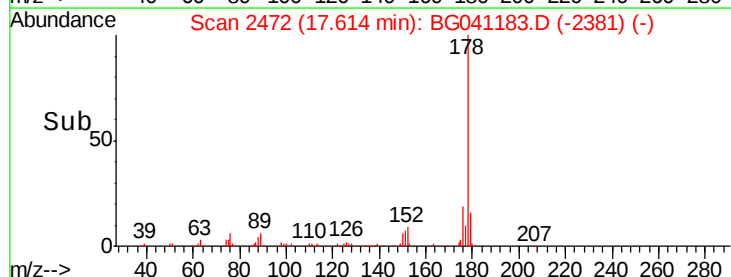
179 16.3 13.0 19.4



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

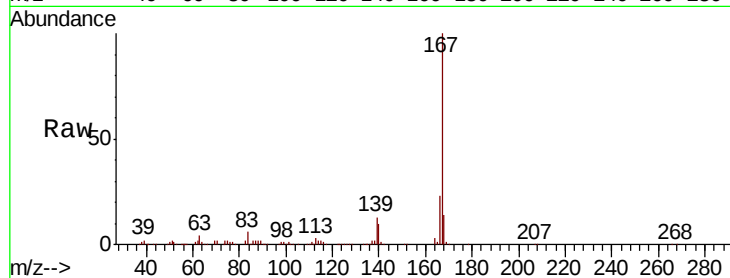




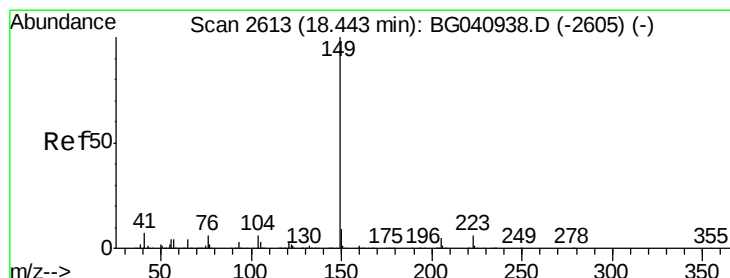
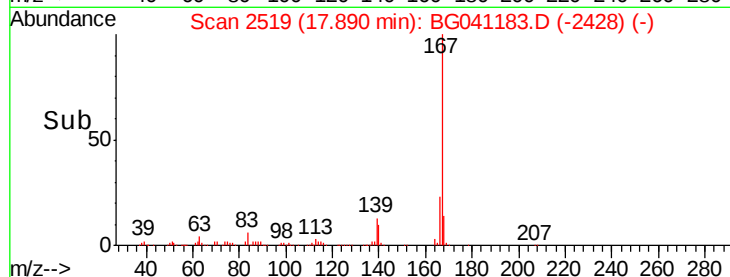
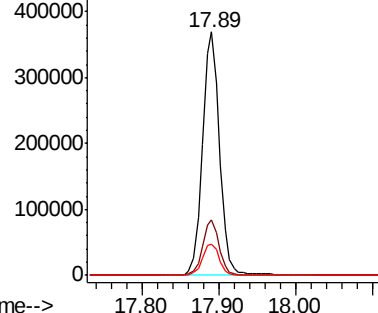
#73
 Carbazole
 Concen: 48.144 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	12.9	10.8	16.2

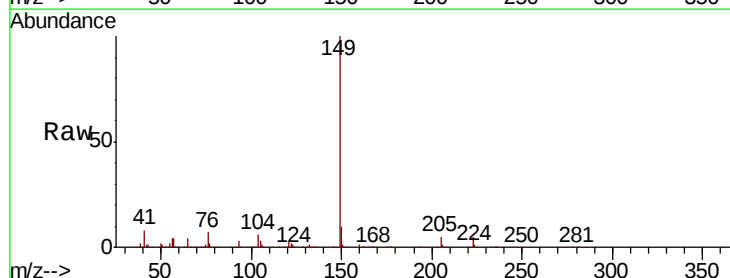


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

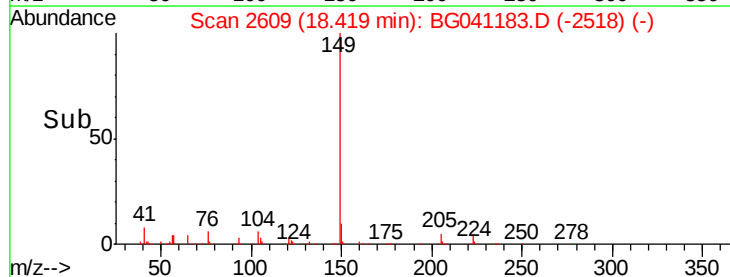
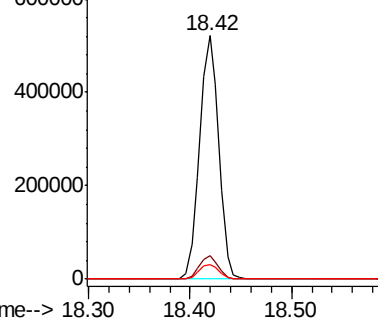


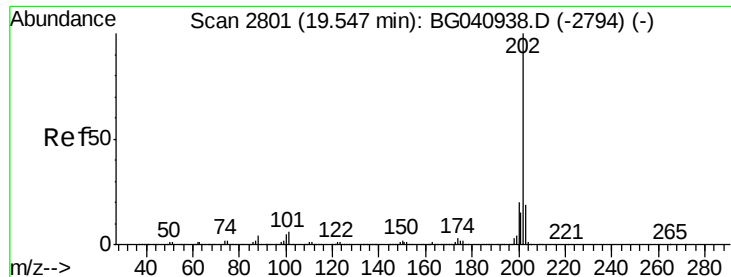
#74
 Di-n-butylphthalate
 Concen: 46.322 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	6.1	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: 48.619 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

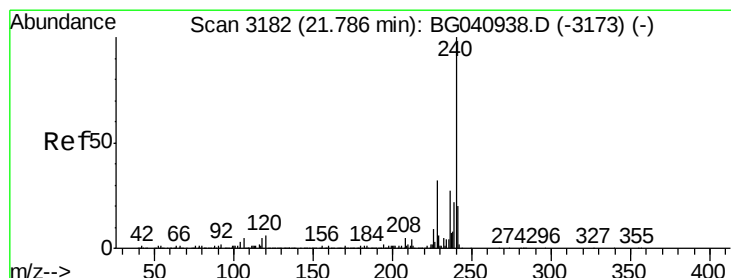
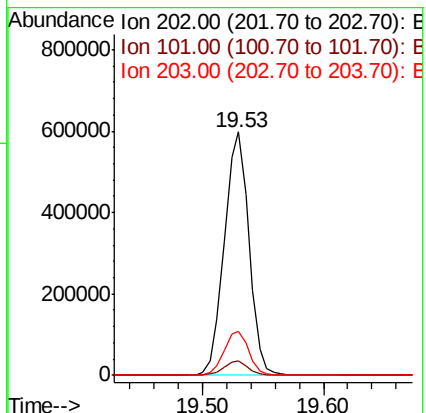
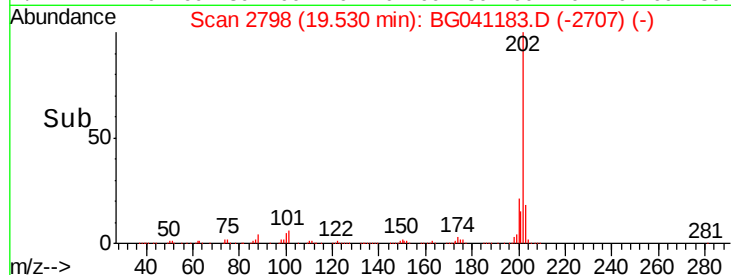
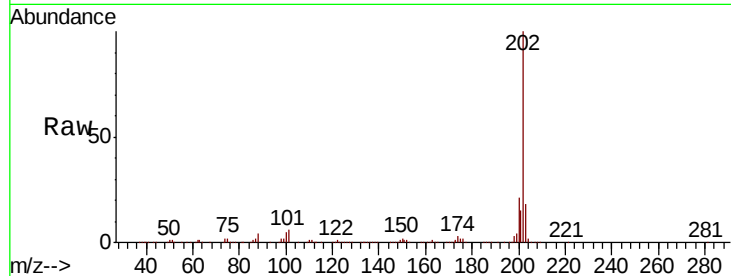
Tot Ion:202 Resp: 841006

Ion Ratio Lower Upper

202 100

101 6.0 0.0 26.2

203 18.3 0.0 38.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

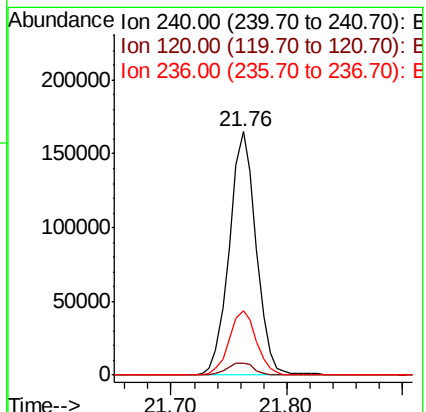
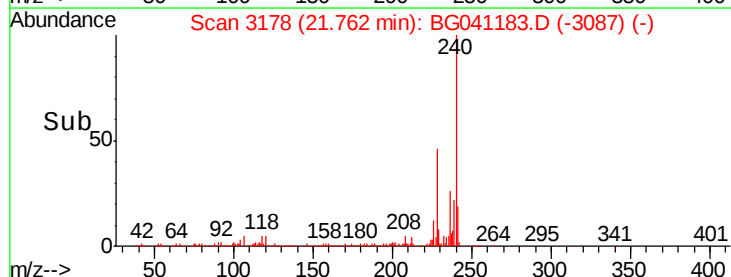
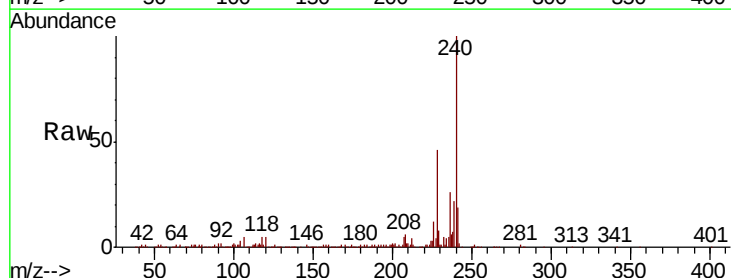
Tgt Ion:240 Resp: 265565

Ion Ratio Lower Upper

240 100

120 4.7 4.5 6.7

236 26.3 21.3 31.9





#77

Benzidine

Concen: 41.187 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

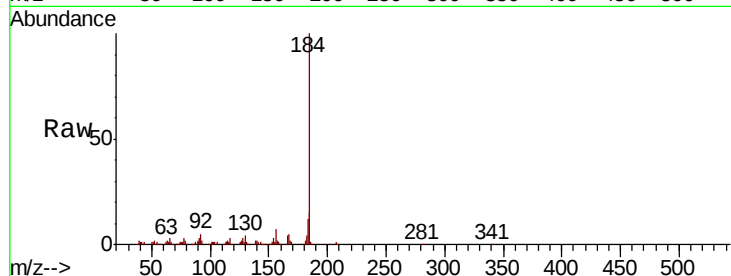
Tot Ion:184 Resp: 260928

Ion Ratio Lower Upper

184 100

185 15.4 13.3 19.9

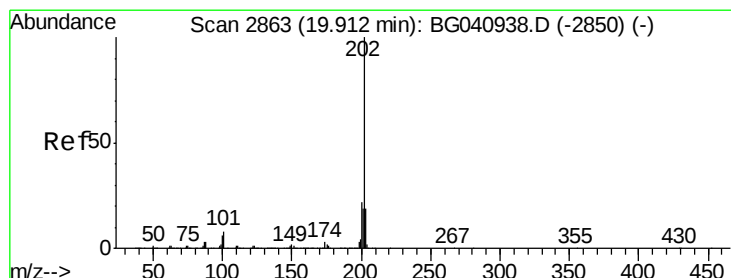
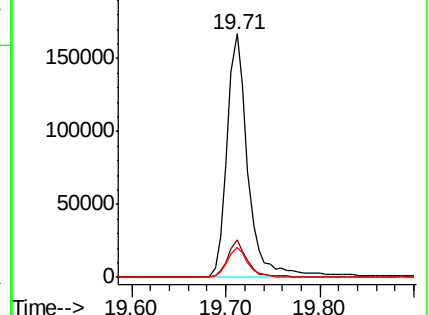
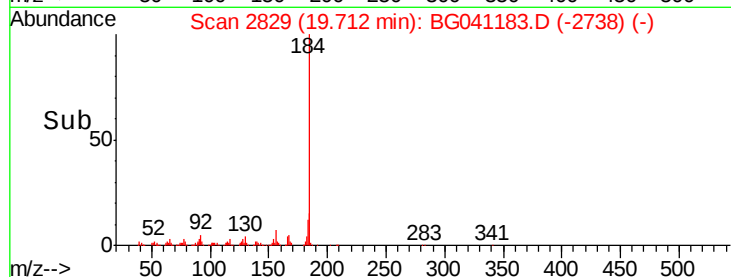
183 12.4 10.7 16.1



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: 49.231 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

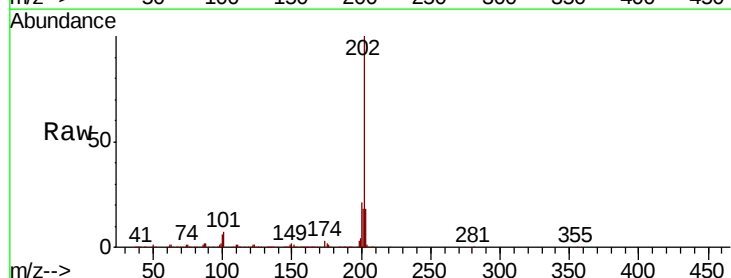
Tgt Ion:202 Resp: 849902

Ion Ratio Lower Upper

202 100

200 20.7 17.5 26.3

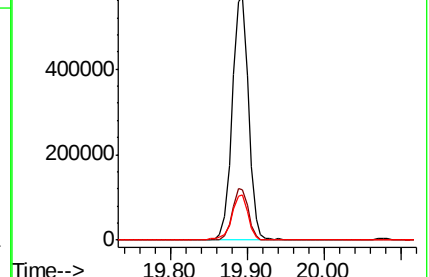
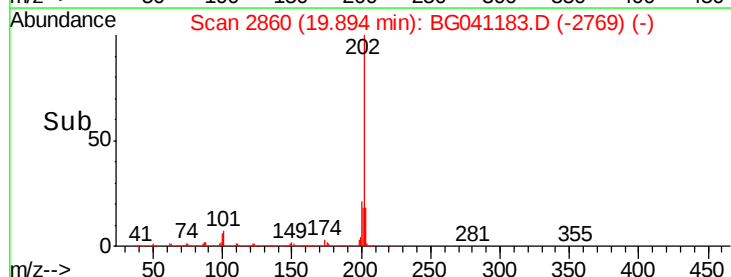
203 18.4 15.6 23.4

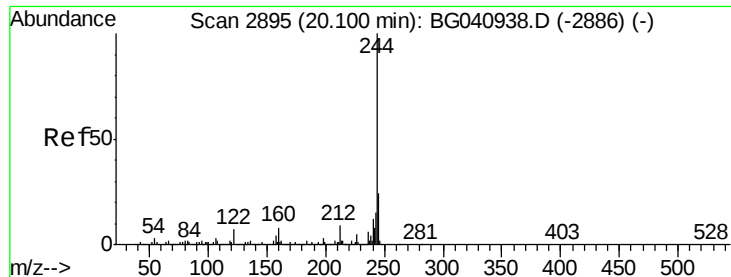


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.467 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

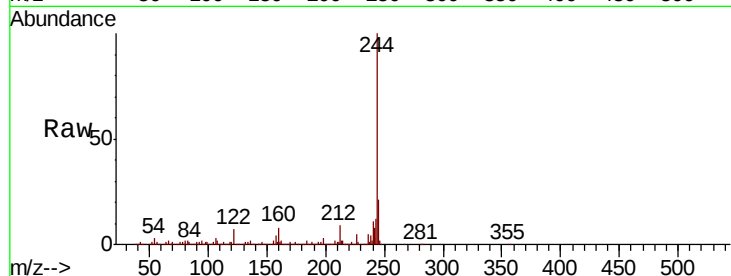
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1157028

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	7.1	5.4	8.0

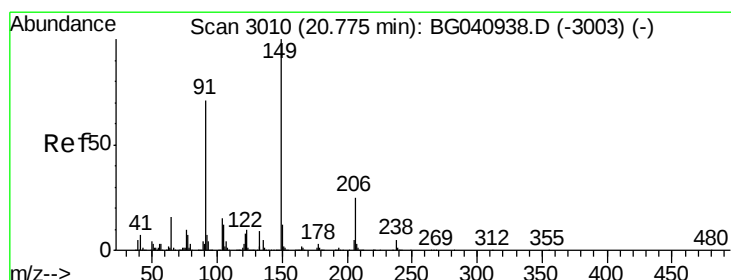
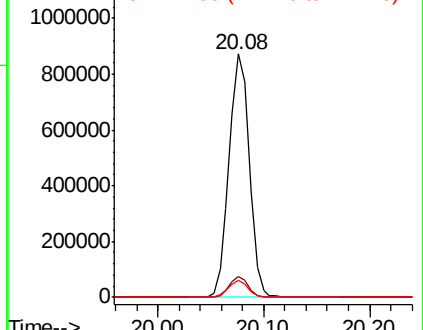
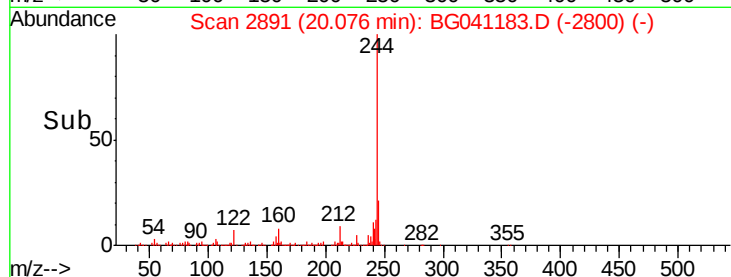


Abundance

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: 46.623 ng

RT: 20.76 min Scan# 3007

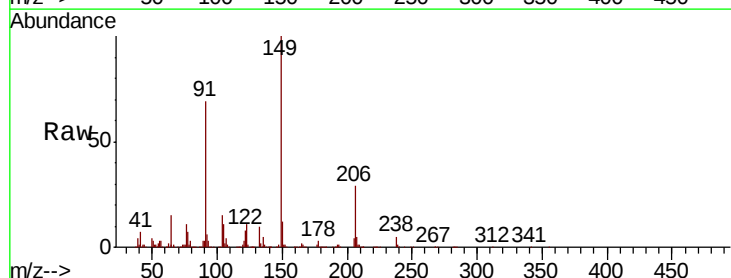
Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:149 Resp: 313226

Ion	Ratio	Lower	Upper
149	100		
91	69.0	56.5	84.7
206	29.1	20.3	30.5

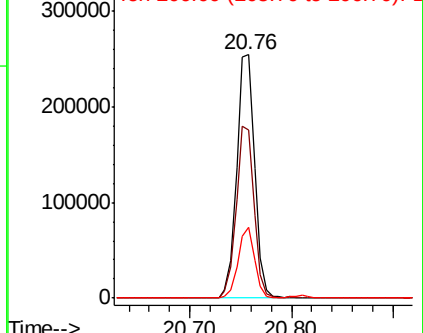
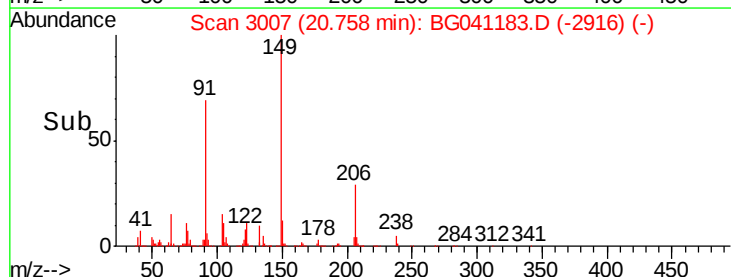


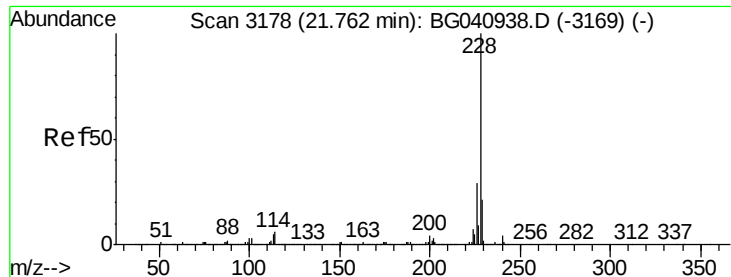
Abundance

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: 45.597 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

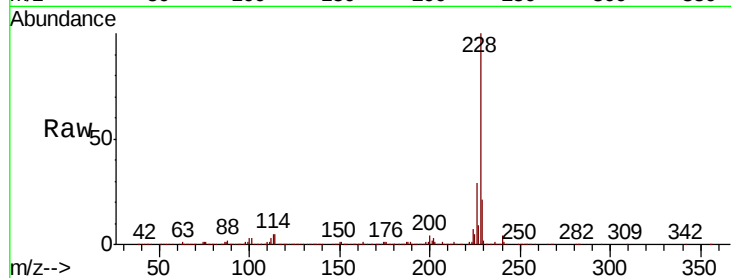
Tot Ion:228 Resp: 806042

Ion Ratio Lower Upper

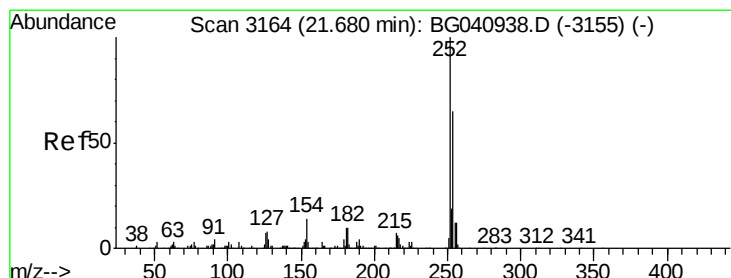
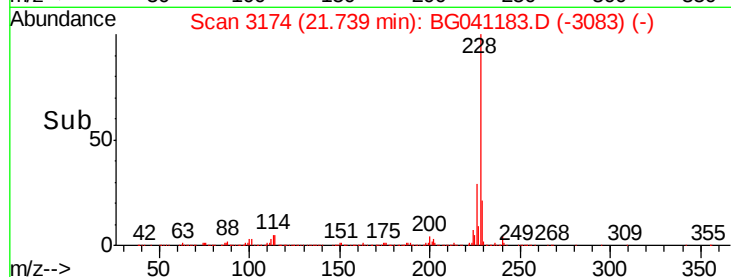
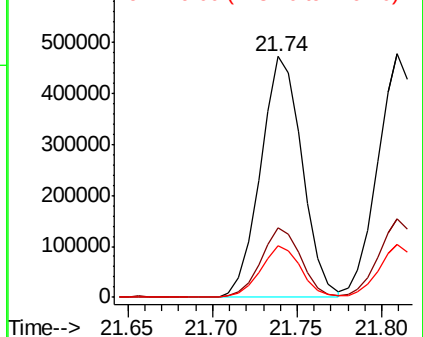
228 100

226 29.0 23.5 35.3

229 21.3 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: 30.140 ng

RT: 21.66 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

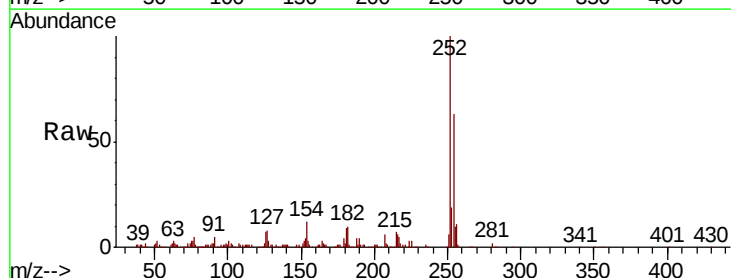
Tgt Ion:252 Resp: 187397

Ion Ratio Lower Upper

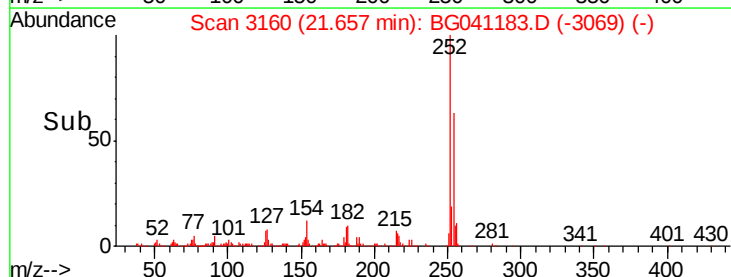
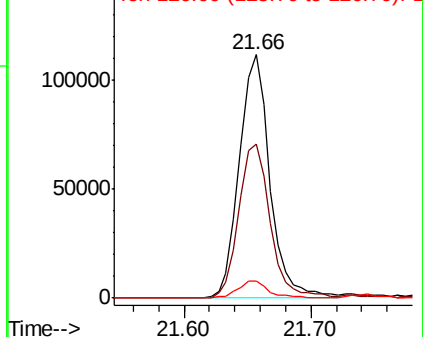
252 100

254 63.0 52.1 78.1

126 7.0 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

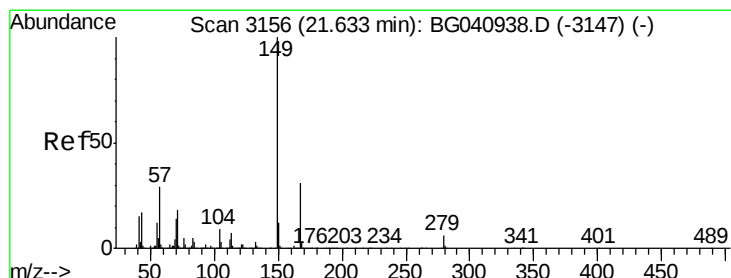
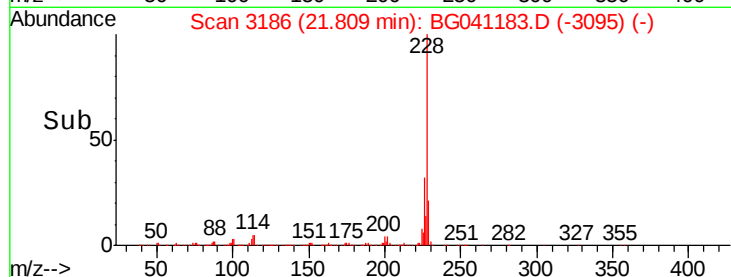
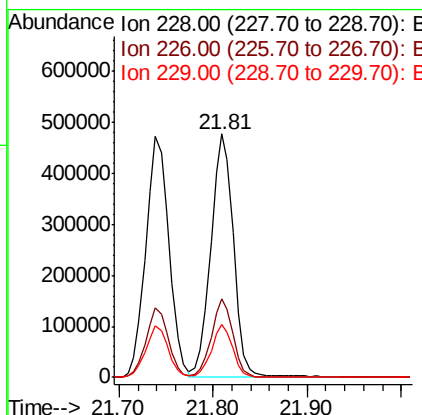
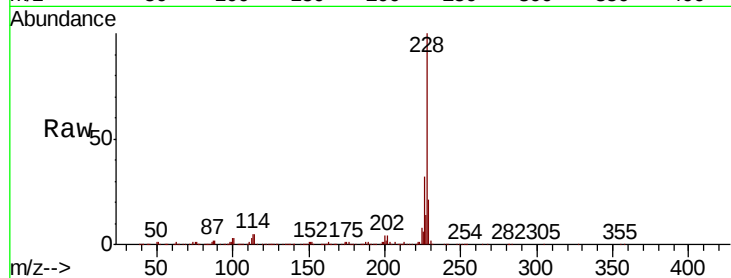




#83
 Chrysene
 Concen: 47.204 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

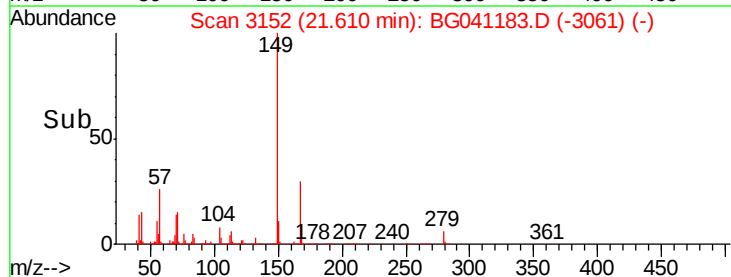
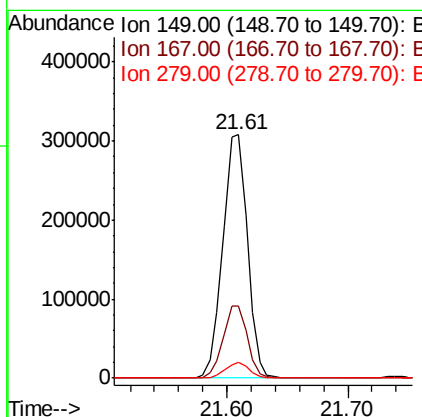
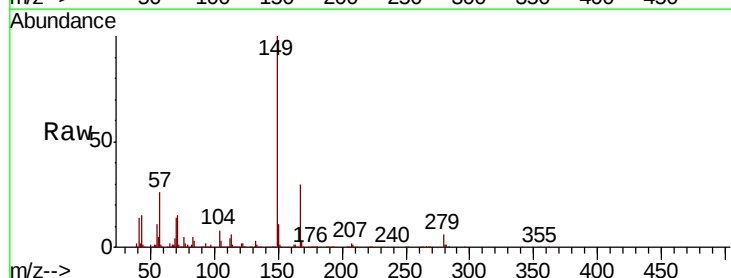
Instrument :
 BNA_G
 ClientSampleId :

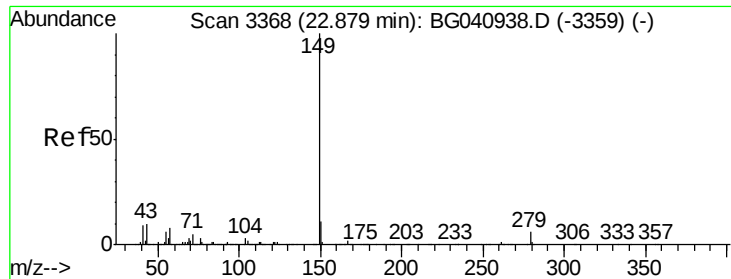
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	21.5	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.040 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.6	37.0
279	6.5	5.0	7.6

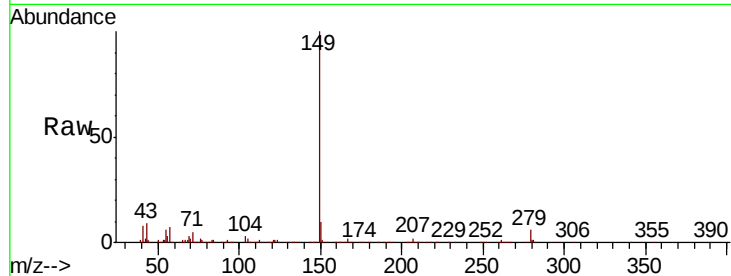




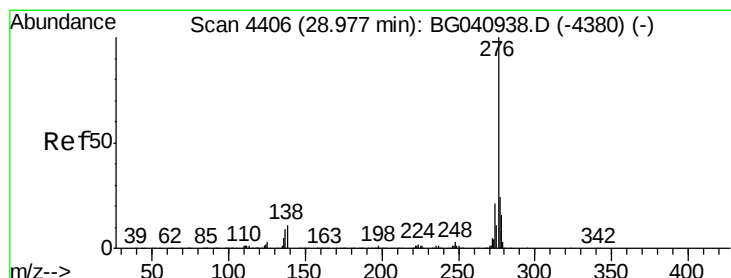
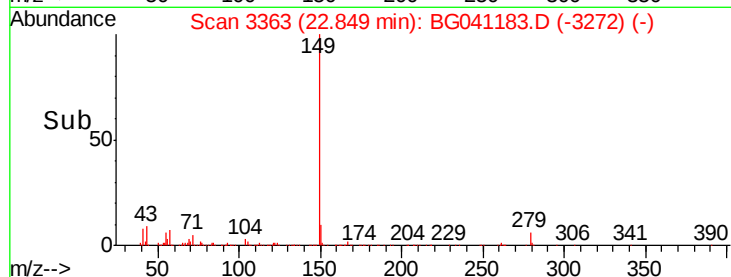
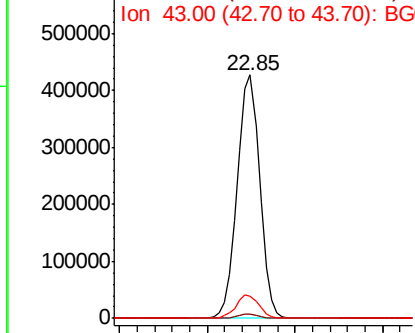
#85
Di-n-octyl phthalate
Concen: 46.900 ng
RT: 22.85 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.6	8.1	12.1

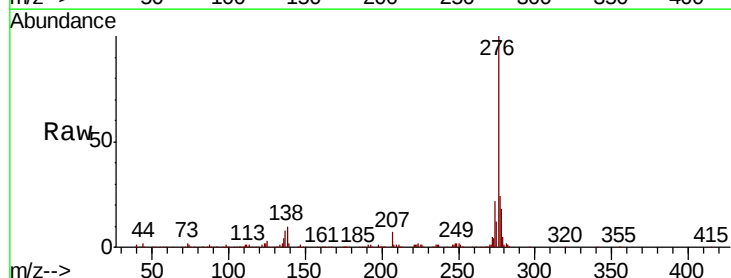


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

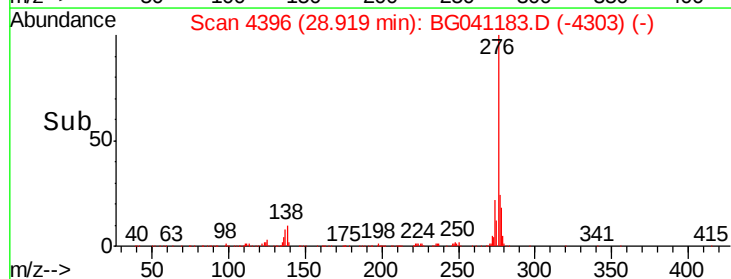
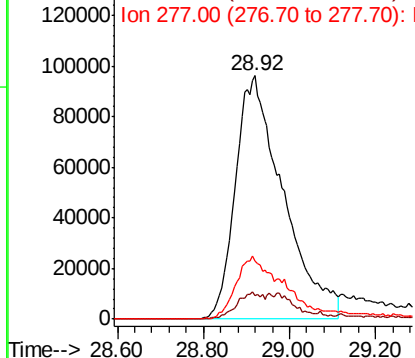


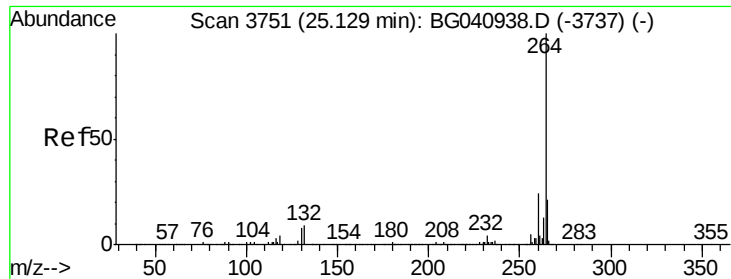
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.942 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.0	5.7	8.5
277	25.7	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

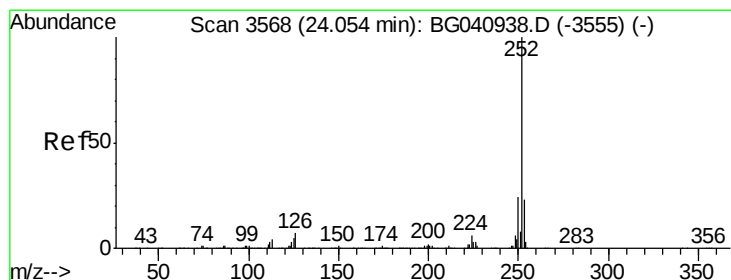
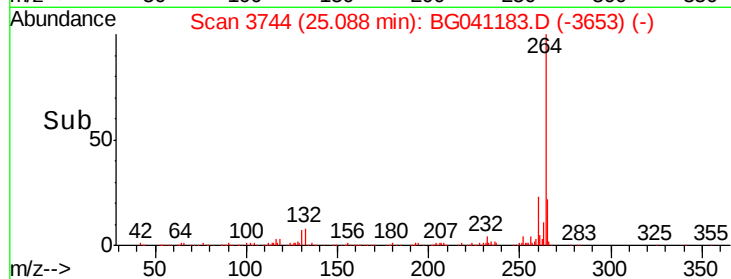
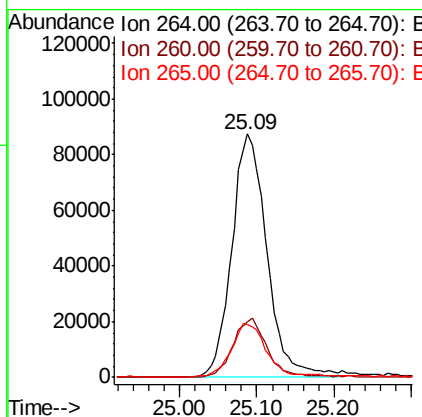
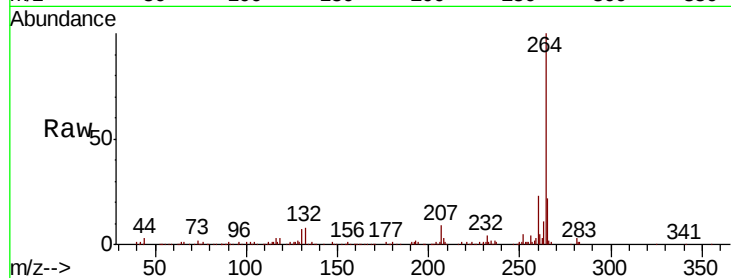




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

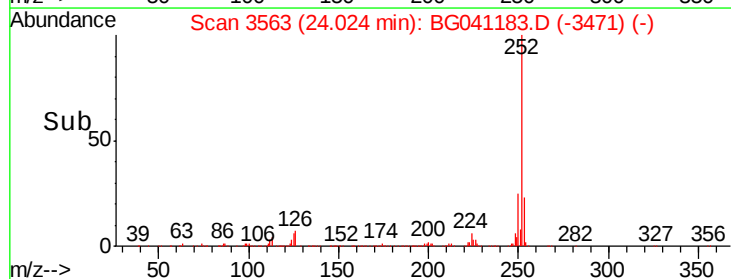
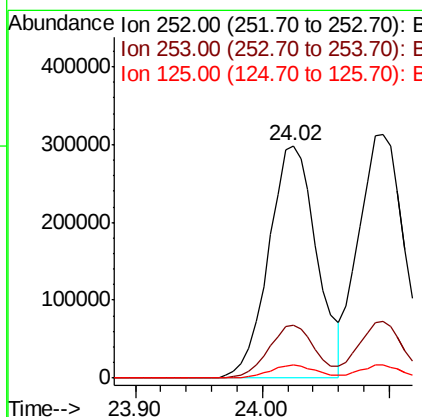
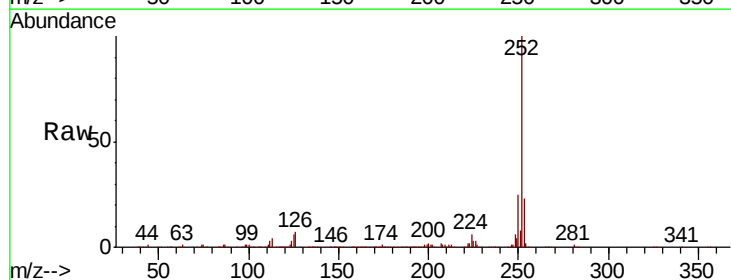
Instrument :
BNA_G
ClientSampleId :

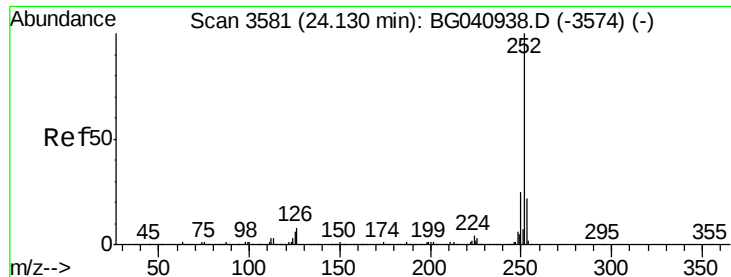
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.9	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 46.452 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	5.7	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 47.193 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

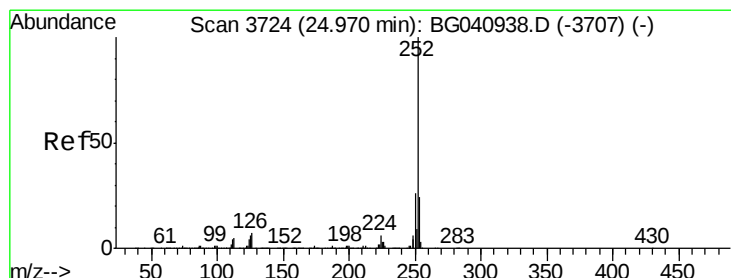
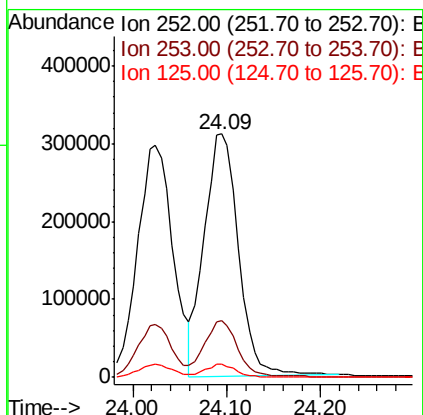
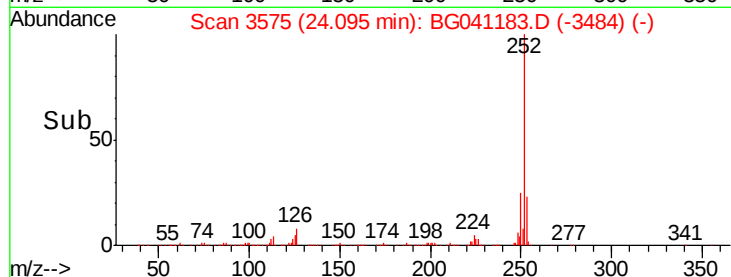
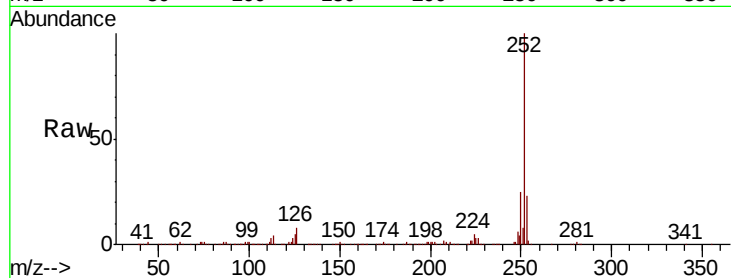
Tot Ion:252 Resp: 791012

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 5.2 4.7 7.1



#90

Benzo(a)pyrene

Concen: 47.864 ng

RT: 24.93 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

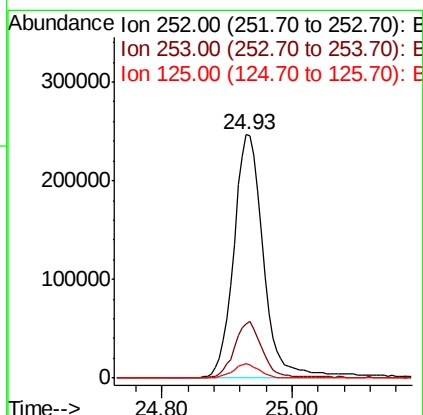
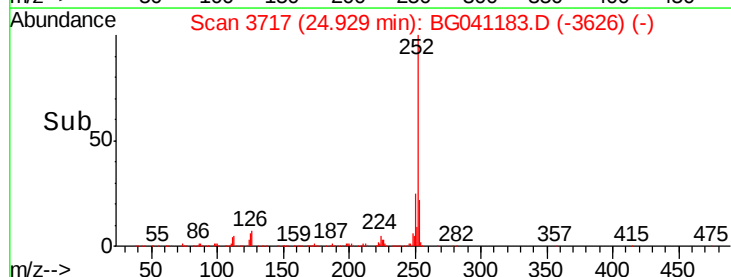
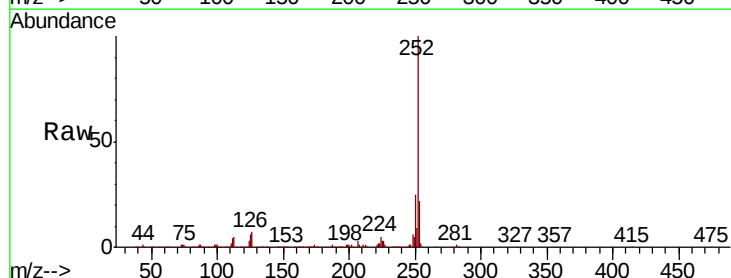
Tgt Ion:252 Resp: 773490

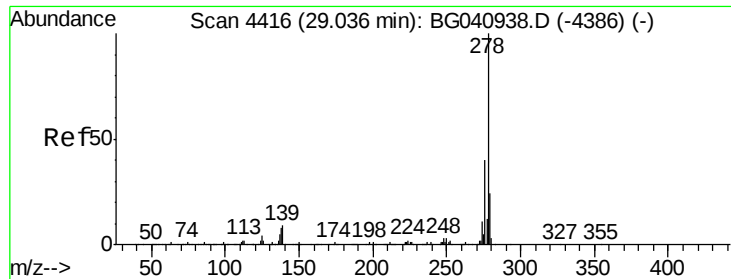
Ion Ratio Lower Upper

252 100

253 22.4 19.5 29.3

125 6.0 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 39.215 ng

RT: 28.98 min Scan# 4407

Delta R.T. 0.02 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

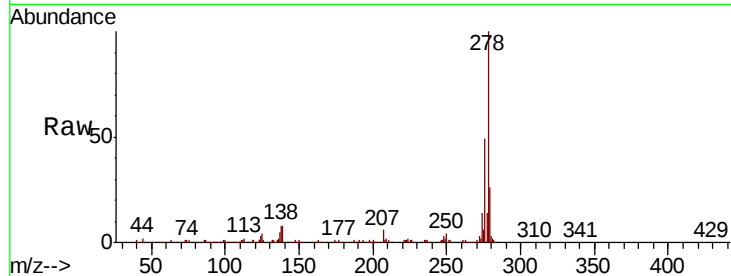
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 633219

Ion	Ratio	Lower	Upper
278	100		
139	7.8	7.1	10.7
279	25.7	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

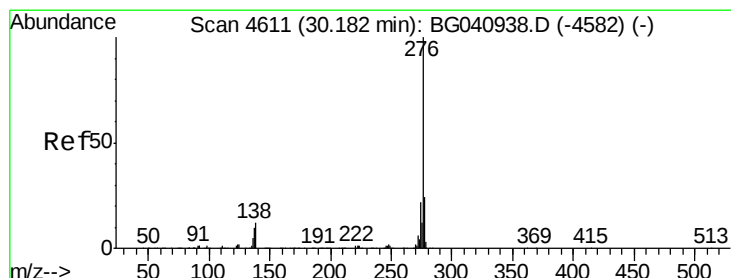
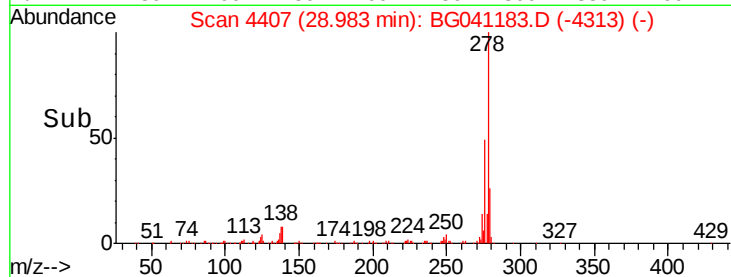
28.98

100000

50000

0

Time-->



#92

Benzo(g,h,i)perylene

Concen: 37.308 ng

RT: 30.13 min Scan# 4602

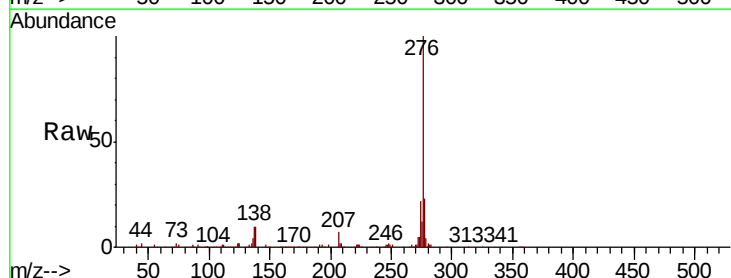
Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:276 Resp: 585279

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.0
138	10.1	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

30.13

120000

100000

80000

60000

40000

20000

0

Time-->

