

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041192.D
 Acq On : 11 Jun 2019 16:43
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:56:44 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	45342	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	190943	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	139957	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	349470	20.00	ng	0.00
76) Chrysene-d12	21.76	240	345078	20.00	ng	0.00
87) Perylene-d12	25.08	264	336640	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	185569	73.80	ng	0.00
7) Phenol-d6	7.25	99	290341	74.76	ng	0.00
23) Nitrobenzene-d5	9.29	82	345118	80.24	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	166370	80.07	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	795918	81.90	ng	0.00
79) Terphenyl-d14	20.07	244	1381172	84.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	37854	33.175	ng	99
3) Pyridine	3.92	79	111111	32.909	ng	97
4) n-Nitrosodimethylamine	3.84	42	60369	38.526	ng	89
6) Aniline	7.43	93	189147	36.490	ng	98
8) 2-Chlorophenol	7.67	128	112816	37.633	ng	98
9) Benzaldehyde	7.24	77	94709	40.883	ng	89
10) Phenol	7.28	94	157001	37.706	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	111132	36.791	ng	98
12) 1,3-Dichlorobenzene	7.99	146	138200	38.599	ng	96
13) 1,4-Dichlorobenzene	8.14	146	141677	39.092	ng	96
14) 1,2-Dichlorobenzene	8.46	146	136454	38.777	ng	94
15) Benzyl Alcohol	8.35	79	133289	37.104	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	174733	35.401	ng	96
17) 2-Methylphenol	8.54	107	111665	37.039	ng	98
18) Hexachloroethane	9.19	117	52686	37.718	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	108002	36.139	ng	95
20) 3+4-Methylphenols	8.87	107	156211	37.406	ng	97
22) Acetophenone	8.94	105	209045	39.028	ng	# 95
24) Nitrobenzene	9.33	77	173561	39.597	ng	99
25) Isophorone	9.84	82	301757	36.865	ng	99
26) 2-Nitrophenol	10.04	139	75134	41.580	ng	94
27) 2,4-Dimethylphenol	10.08	122	106389	35.649	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	163441	36.996	ng	99
29) 2,4-Dichlorophenol	10.57	162	146088	38.548	ng	91
30) 1,2,4-Trichlorobenzene	10.79	180	175021	40.597	ng	94
31) Naphthalene	10.98	128	405588	39.562	ng	98
32) Benzoic acid	10.23	122	77260	35.785	ng	97
33) 4-Chloroaniline	11.09	127	181208	38.095	ng	98
34) Hexachlorobutadiene	11.24	225	128825	39.053	ng	99
35) Caprolactam	11.89	113	45239	36.149	ng	91
36) 4-Chloro-3-methylphenol	12.20	107	163619	37.803	ng	96
37) 2-Methylnaphthalene	12.58	142	308535	39.076	ng	98
38) 1-Methylnaphthalene	12.80	142	290882	39.094	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	237076	42.027	ng	99

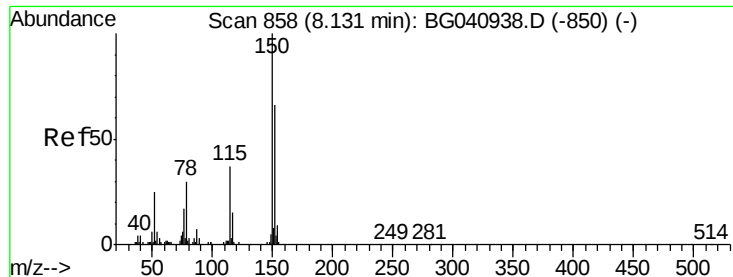
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041192.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	83696	32.995	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	147566	40.437	nq	97
44) 2,4,5-Trichlorophenol	13.25	196	151533	39.373	nq	99
46) 1,1'-Biphenyl	13.57	154	416311	40.185	nq	99
47) 2-Chloronaphthalene	13.62	162	364329	40.964	nq	100
48) 2-Nitroaniline	13.84	65	132491	41.525	nq	97
49) Acenaphthylene	14.46	152	537489	40.154	nq	100
50) Dimethylphthalate	14.19	163	460711	38.887	nq	100
51) 2,6-Dinitrotoluene	14.32	165	100526	39.354	nq	97
52) Acenaphthene	14.80	154	317972	39.212	nq	98
53) 3-Nitroaniline	14.66	138	101416	39.704	nq	97
54) 2,4-Dinitrophenol	14.86	184	44606	43.580	nq	96
55) Dibenzofuran	15.13	168	549693	40.287	nq	99
56) 4-Nitrophenol	14.95	139	67395	38.467	nq	96
57) 2,4-Dinitrotoluene	15.10	165	142413	39.468	nq	# 98
58) Fluorene	15.78	166	438675	40.370	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	147898	39.103	nq	99
60) Diethylphthalate	15.54	149	464545	38.422	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	279171	39.526	nq	97
62) 4-Nitroaniline	15.82	138	107934	39.914	nq	94
63) Azobenzene	16.06	77	418724	38.104	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	77899	42.744	nq	99
66) n-Nitrosodiphenylamine	15.99	169	386324	39.324	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	183887	38.990	nq	98
68) Hexachlorobenzene	16.78	284	195843	38.997	nq	97
69) Atrazine	16.93	200	142167	37.505	nq	95
70) Pentachlorophenol	17.13	266	102095	40.186	nq	98
71) Phenanthrene	17.52	178	726595	39.915	nq	99
72) Anthracene	17.62	178	719246	40.062	nq	99
73) Carbazole	17.89	167	629891	40.889	nq	99
74) Di-n-butylphthalate	18.42	149	757359	39.557	nq	99
75) Fluoranthene	19.53	202	942508	41.919	nq	99
77) Benzidine	19.71	184	279158	33.912	nq	99
78) Pyrene	19.89	202	937373	41.787	nq	98
80) Butylbenzylphthalate	20.76	149	354582	40.618	nq	98
81) Benzo(a)anthracene	21.74	228	920043	40.053	nq	100
82) 3,3'-Dichlorobenzidine	21.66	252	315656	39.070	nq	99
83) Chrysene	21.81	228	891666	40.564	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	493121	40.127	nq	99
85) Di-n-octyl phthalate	22.85	149	818597	39.997	nq	100
86) Indeno(1,2,3-cd)pyrene	28.92	276	804401	29.873	nq	# 93
88) Benzo(b)fluoranthene	24.02	252	859516	42.095	nq	100
89) Benzo(k)fluoranthene	24.02	252	859516	42.539	nq	99
90) Benzo(a)pyrene	24.93	252	830798	42.648	nq	96
91) Dibenzo(a,h)anthracene	28.98	278	669489	34.394	nq	97

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

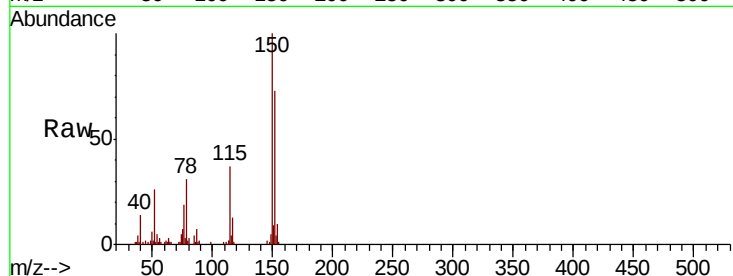


#1

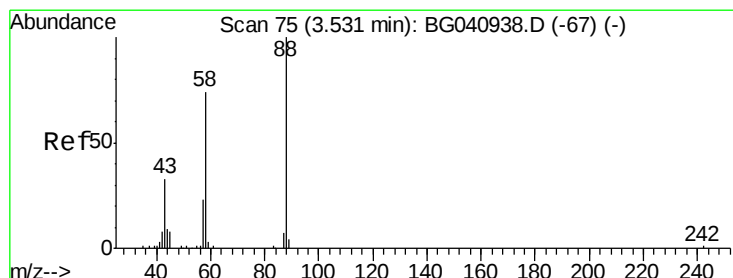
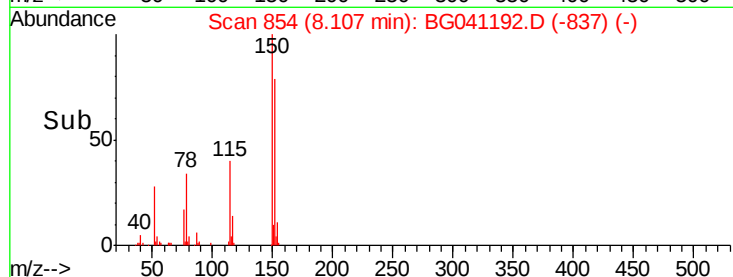
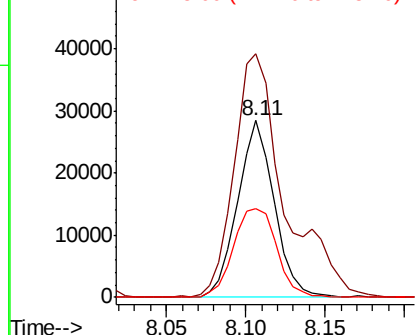
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 45342
Ion Ratio Lower Upper
152 100
150 137.9 120.6 180.8
115 50.5 45.1 67.7



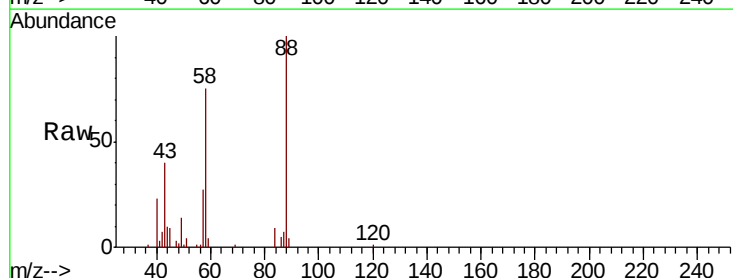
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



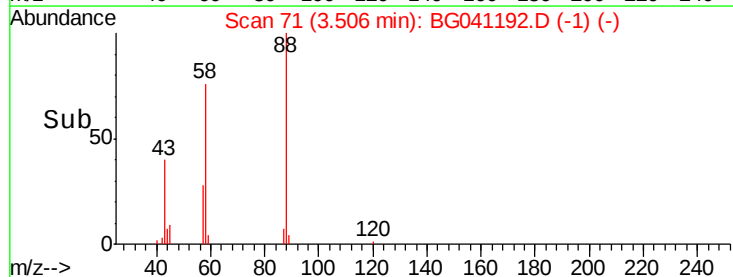
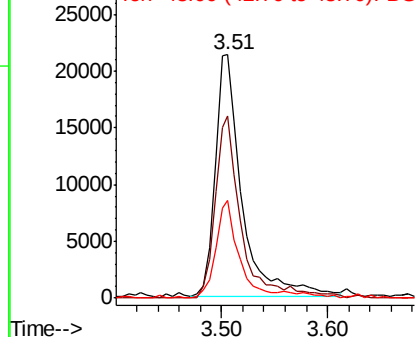
#2

1,4-Dioxane
Concen: 33.175 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion: 88 Resp: 37854
Ion Ratio Lower Upper
88 100
58 73.3 59.0 88.6
43 34.8 27.2 40.8



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





#3

Pvridine

Concen: 32.909 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

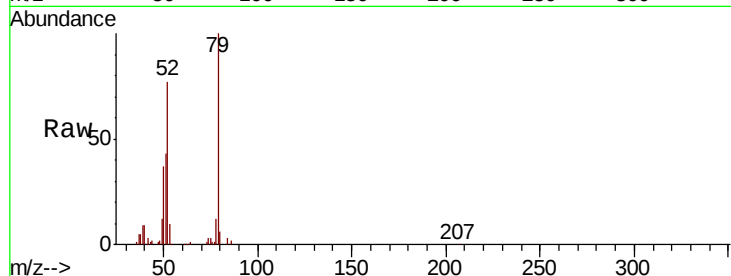
Tot Ion: 79 Resp: 111111

Ion Ratio Lower Upper

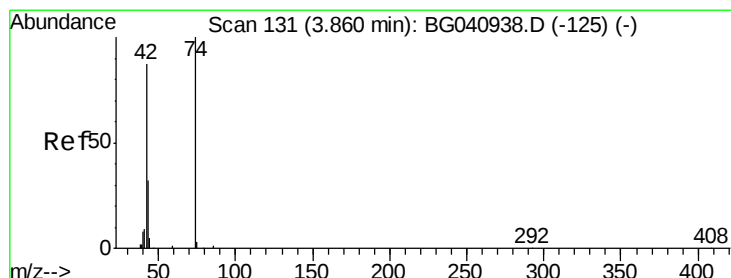
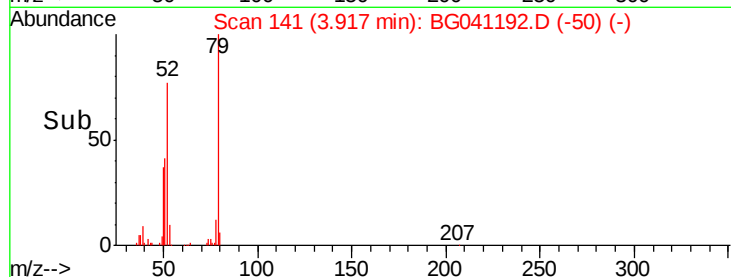
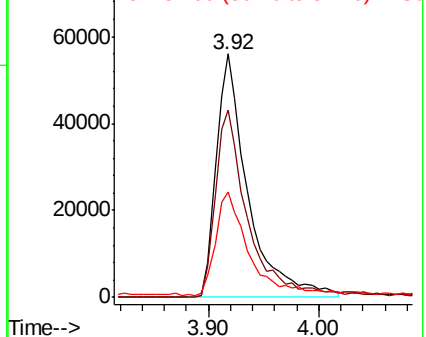
79 100

52 77.0 64.8 97.2

51 43.3 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: 38.526 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

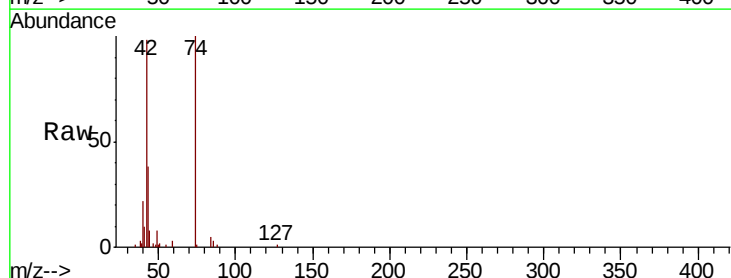
Tgt Ion: 42 Resp: 60369

Ion Ratio Lower Upper

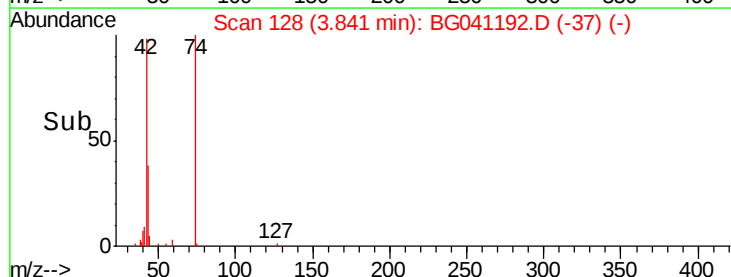
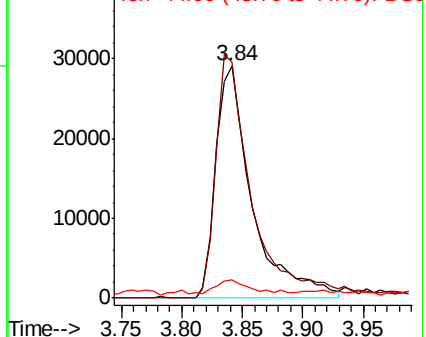
42 100

74 101.7 91.8 137.6

44 7.6 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: 73.799 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

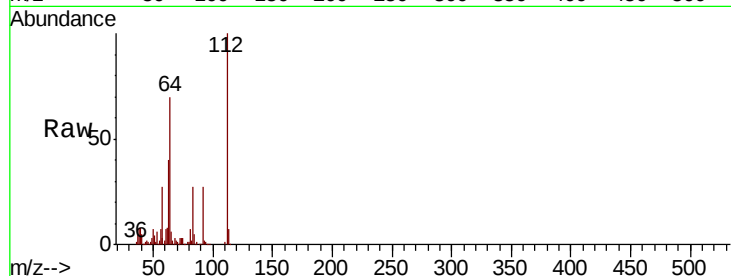
Tot Ion:112 Resp: 185569

Ion Ratio Lower Upper

112 100

64 70.0 56.2 84.2

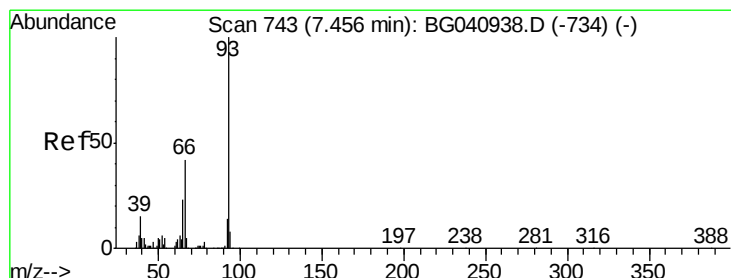
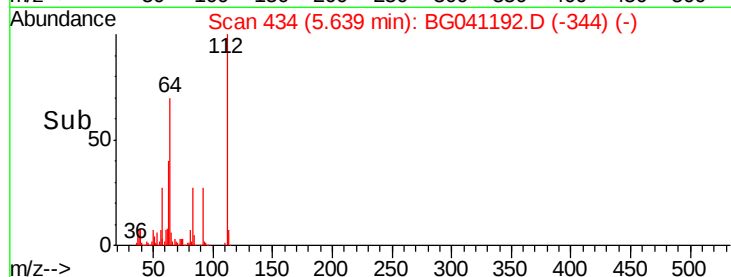
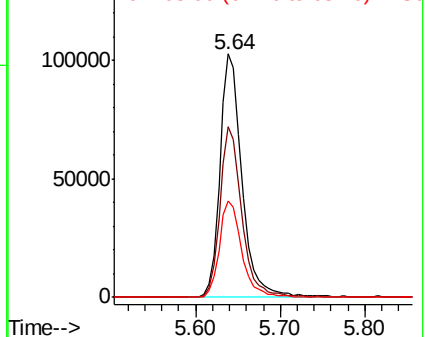
63 39.8 32.8 49.2



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: 36.490 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

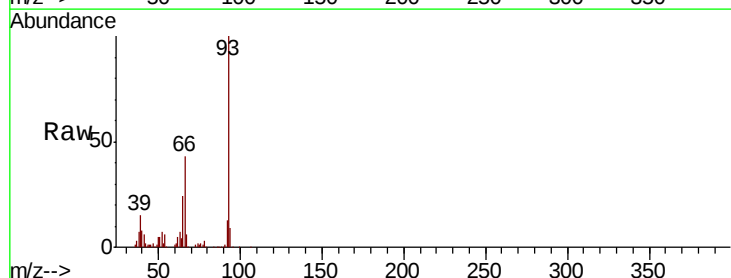
Tgt Ion: 93 Resp: 189147

Ion Ratio Lower Upper

93 100

66 43.3 33.8 50.8

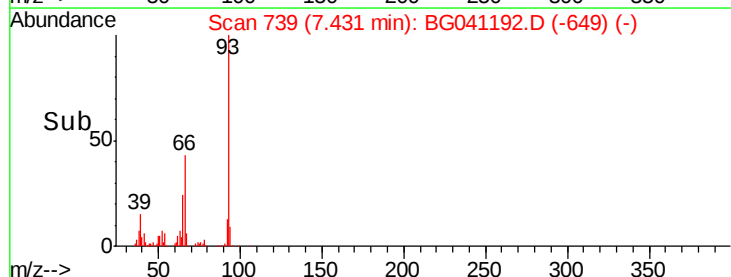
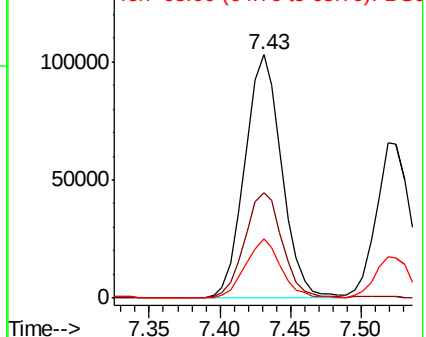
65 24.3 18.3 27.5

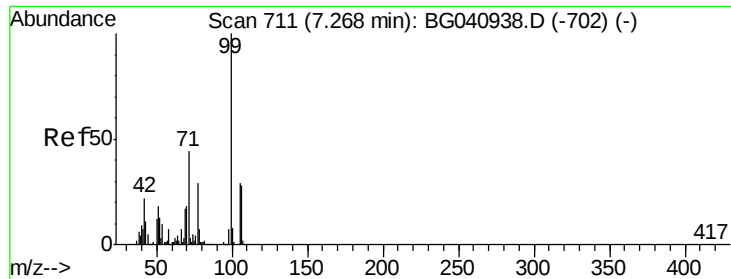


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.765 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

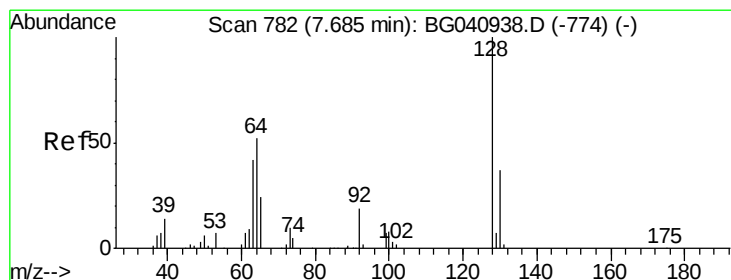
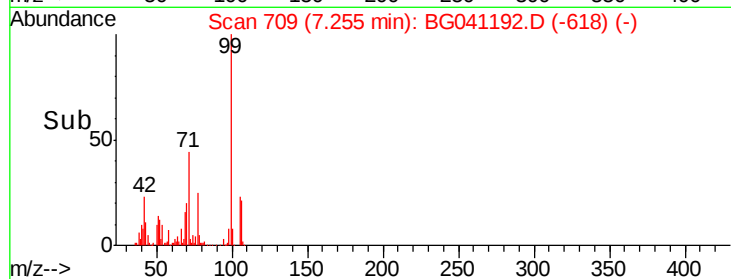
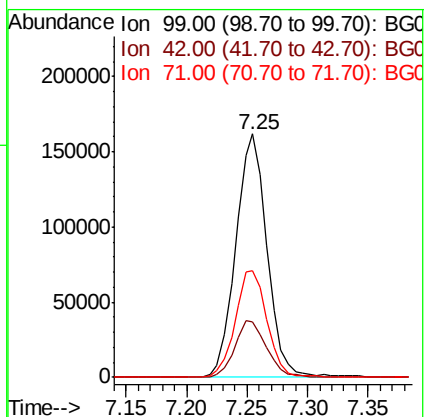
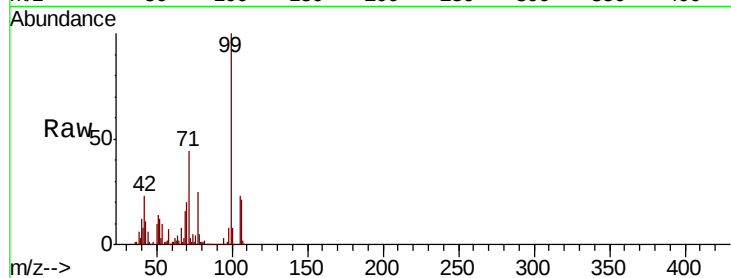
Tot Ion: 99 Resp: 290341

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

71 44.1 35.4 53.0



#8

2-Chlorophenol

Concen: 37.633 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

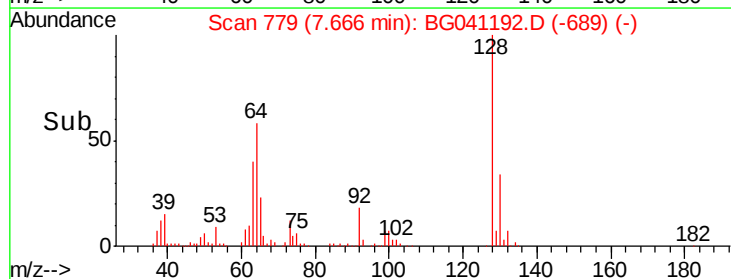
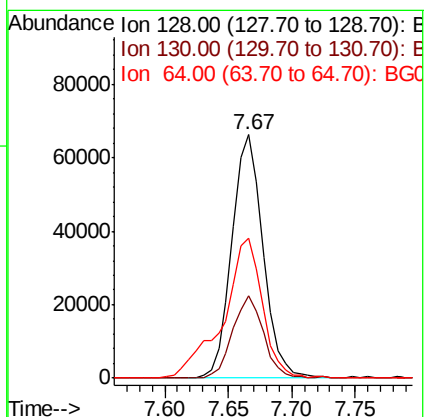
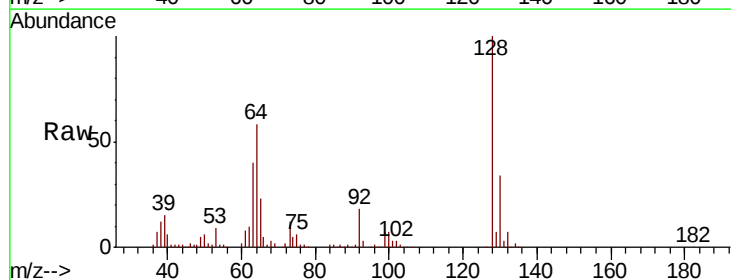
Tgt Ion: 128 Resp: 112816

Ion Ratio Lower Upper

128 100

130 33.8 16.6 56.6

64 57.6 37.8 77.8





#9

Benzaldehyde

Concen: 40.883 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

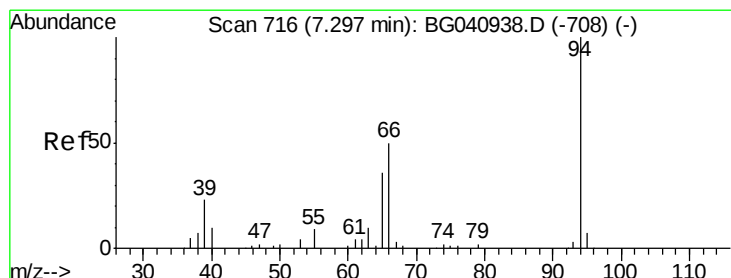
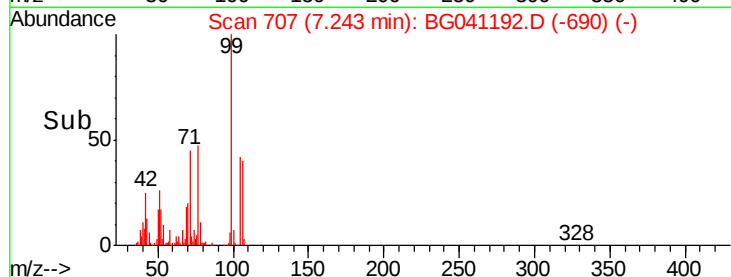
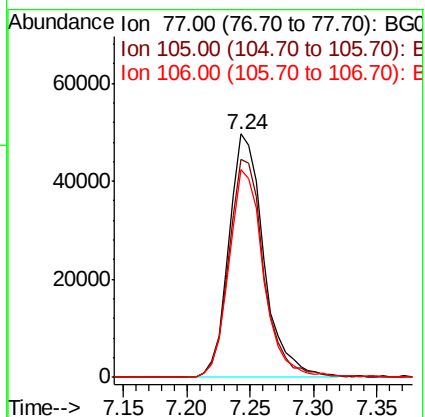
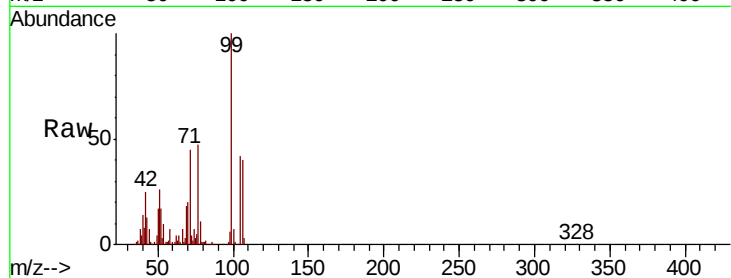
Tot Ion: 77 Resp: 94709

Ion Ratio Lower Upper

77 100

105 89.3 78.9 118.9

106 85.5 76.7 116.7



#10

Phenol

Concen: 37.706 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

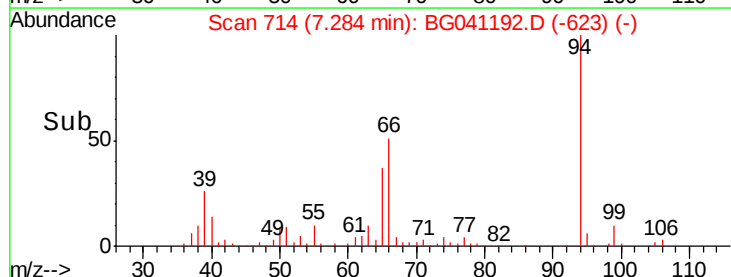
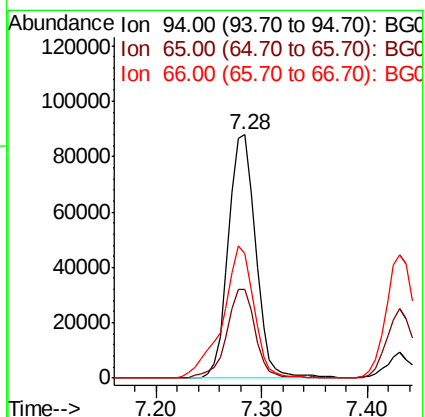
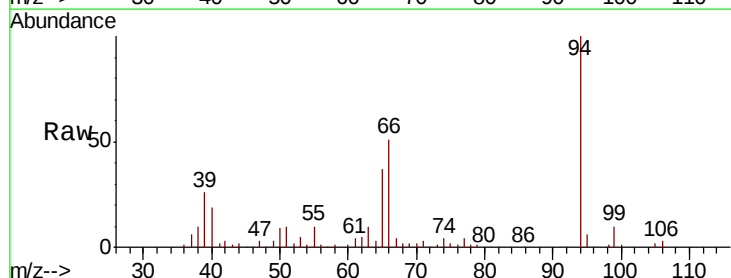
Tgt Ion: 94 Resp: 157001

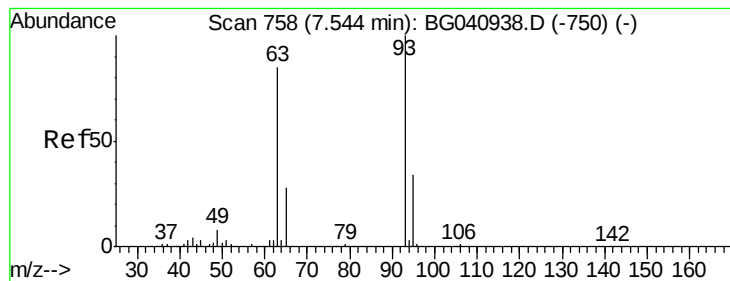
Ion Ratio Lower Upper

94 100

65 36.6 17.0 57.0

66 51.4 32.4 72.4



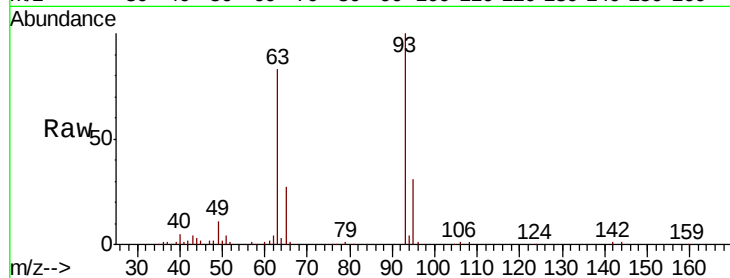


#11
bis(2-Chloroethyl)ether
Concen: 36.791 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

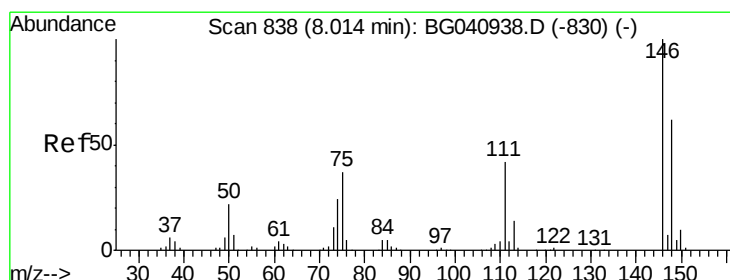
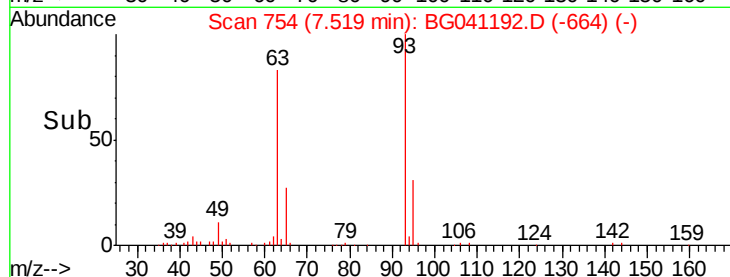
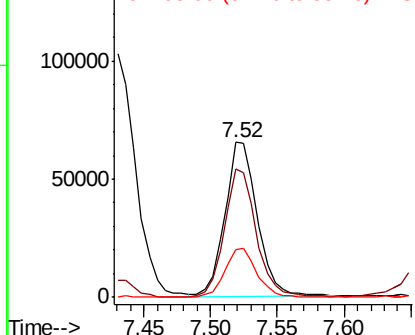
Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 111132

Ion	Ratio	Lower	Upper
93	100		
63	82.8	64.5	104.5
95	31.3	13.3	53.3



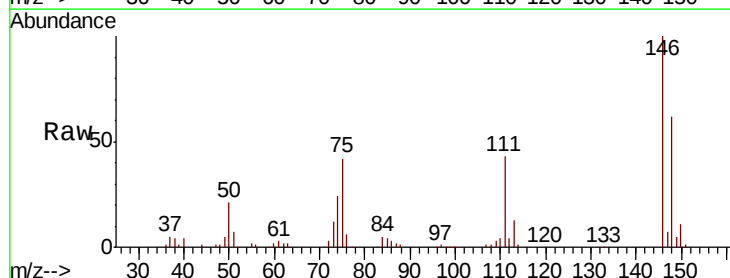
Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



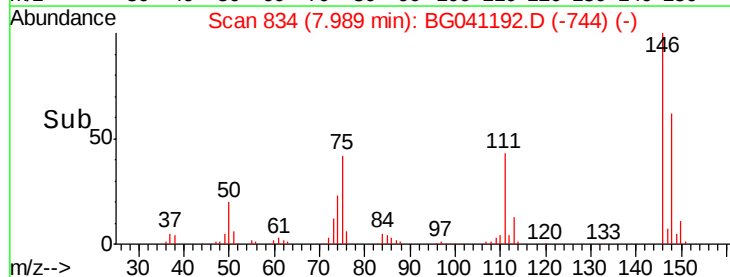
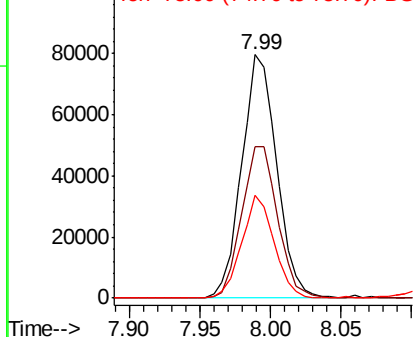
#12
1,3-Dichlorobenzene
Concen: 38.599 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

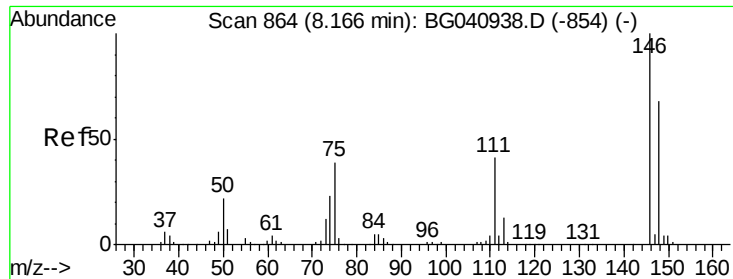
Tgt Ion: 146 Resp: 138200

Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.2	73.8
75	42.3	29.4	44.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

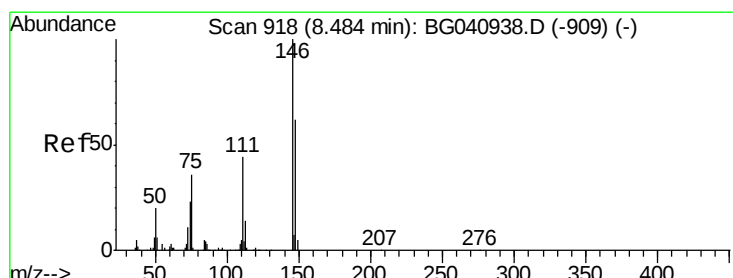
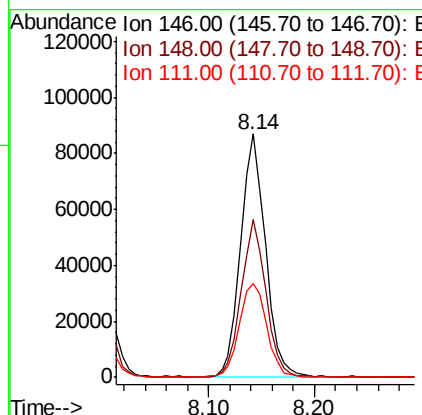
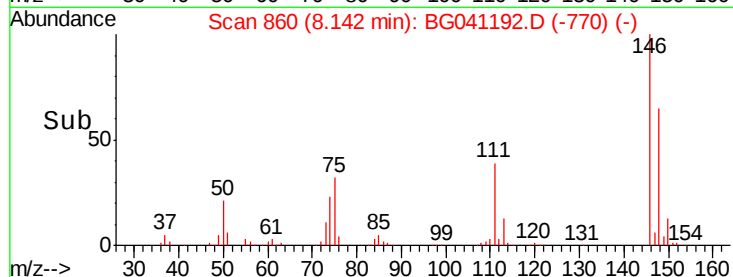
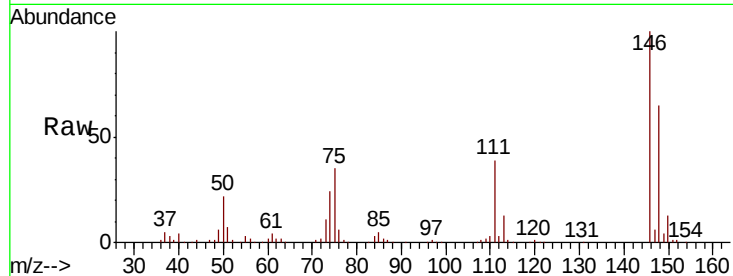




#13
 1,4-Dichlorobenzene
 Concen: 39.092 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

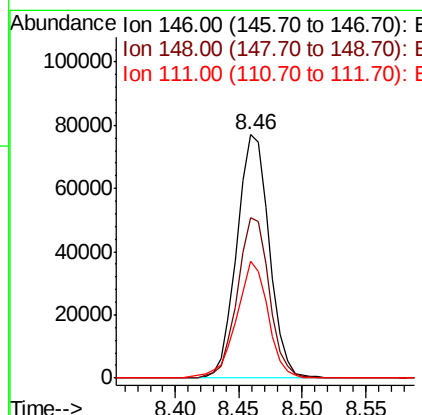
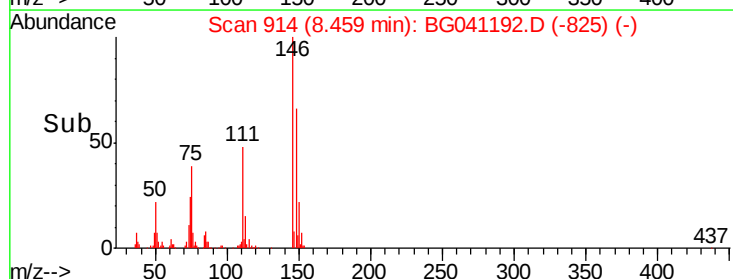
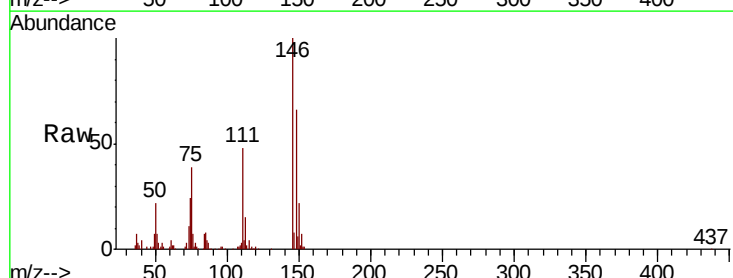
Instrument :
 BNA_G
 ClientSampleId :

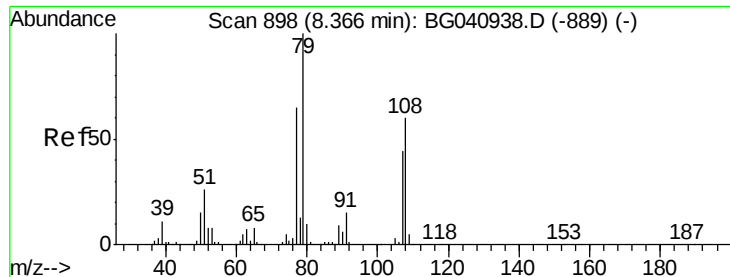
Tot Ion:146 Resp: 141677
 Ion Ratio Lower Upper
 146 100
 148 64.9 54.2 81.4
 111 38.5 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 38.777 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

Tgt Ion:146 Resp: 136454
 Ion Ratio Lower Upper
 146 100
 148 65.9 49.8 74.6
 111 48.0 35.0 52.4





#15

Benzyl Alcohol

Concen: 37.104 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

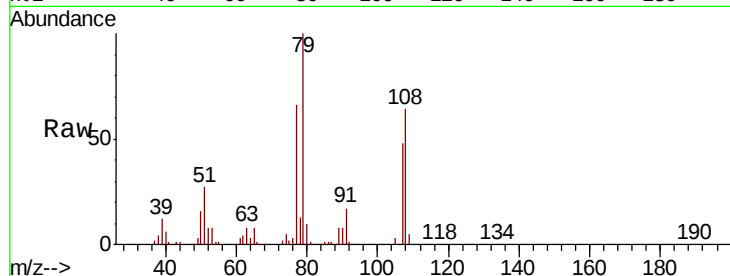
Tot Ion: 79 Resp: 133289

Ion Ratio Lower Upper

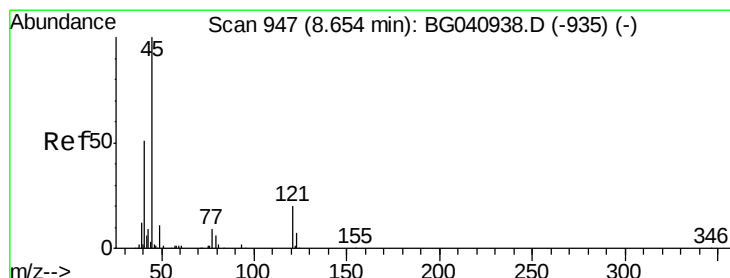
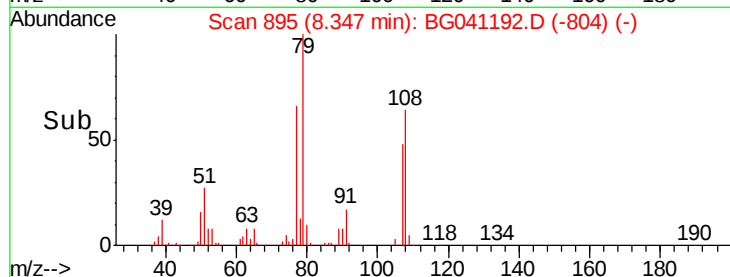
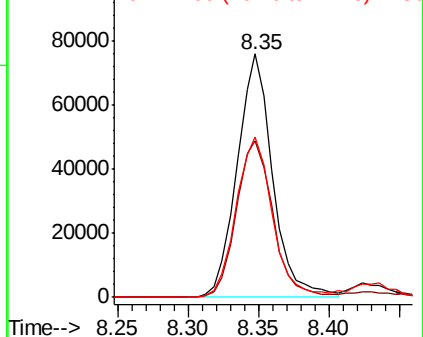
79 100

108 64.3 48.3 72.5

77 66.1 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: 35.401 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

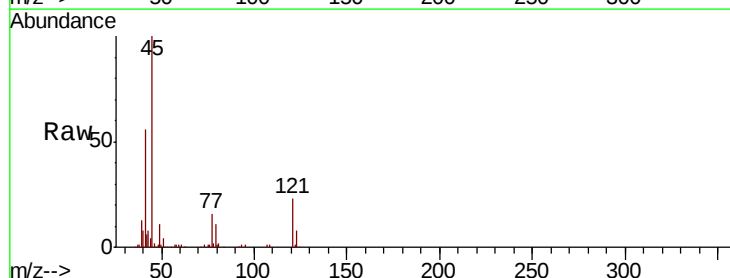
Tgt Ion: 45 Resp: 174733

Ion Ratio Lower Upper

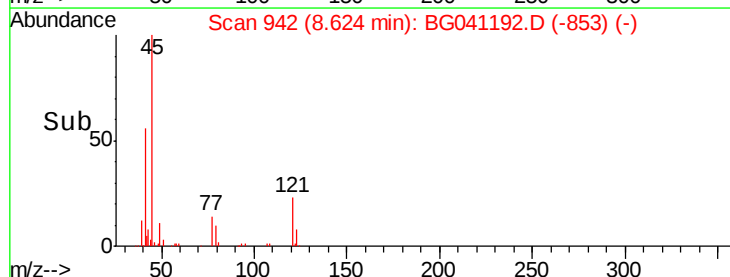
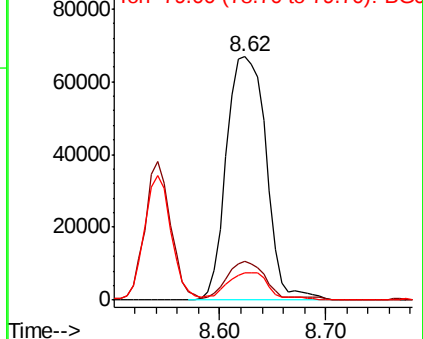
45 100

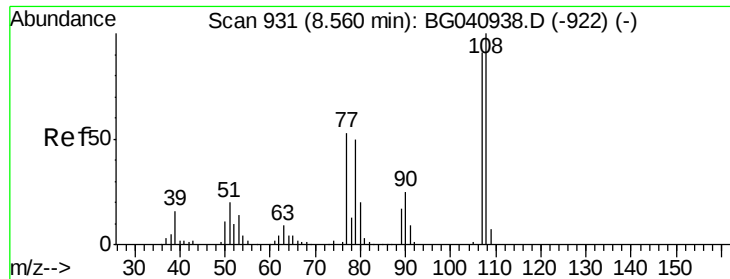
77 15.8 0.0 33.7

79 11.5 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

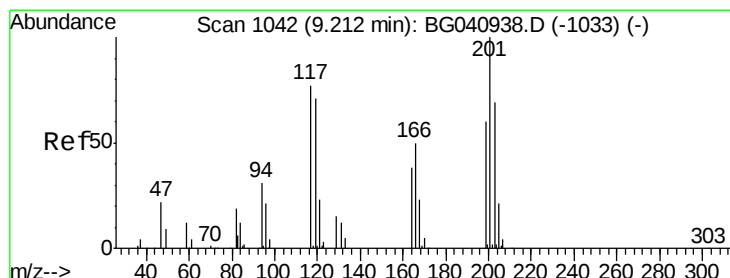
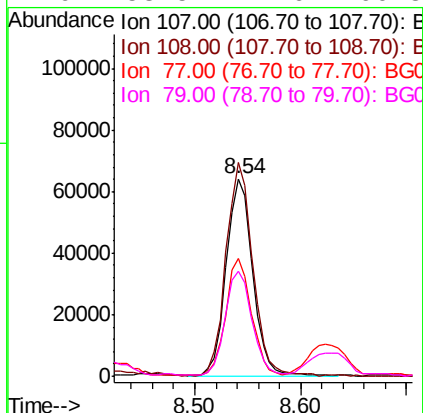
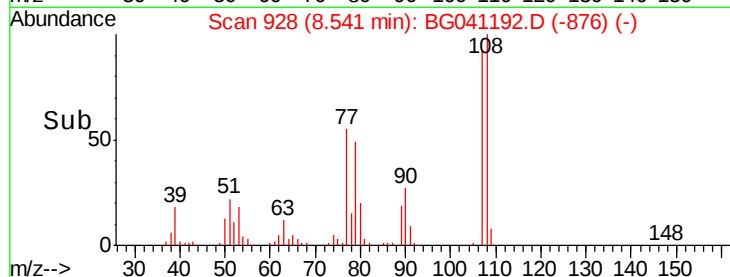
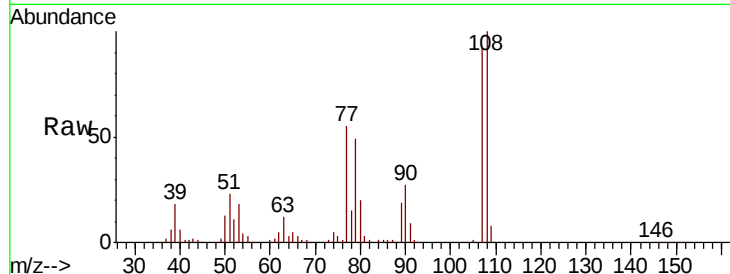




#17
2-Methylphenol
Concen: 37.039 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

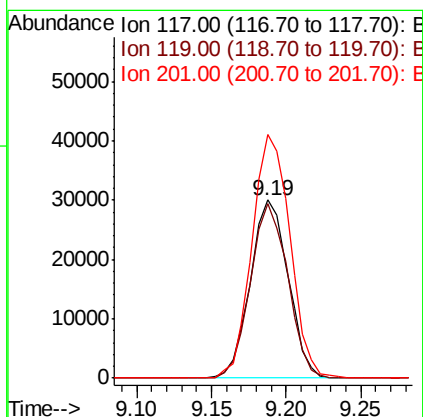
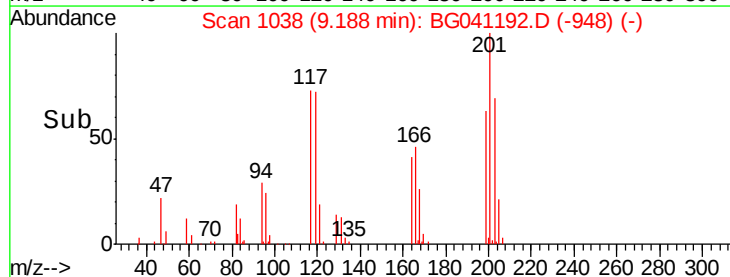
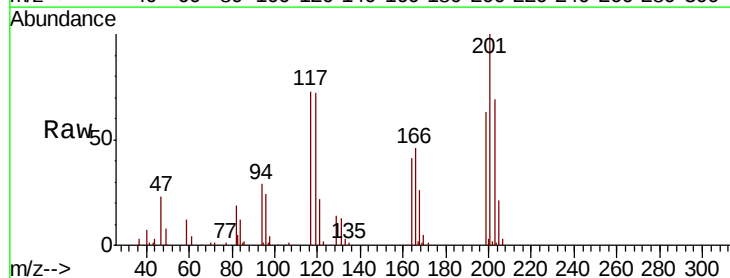
Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 111665
Ion Ratio Lower Upper
107 100
108 108.2 87.7 131.5
77 59.4 46.6 70.0
79 53.5 44.6 66.8



#18
Hexachloroethane
Concen: 37.718 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion:117 Resp: 52686
Ion Ratio Lower Upper
117 100
119 97.9 75.0 112.6
201 136.7 103.5 155.3

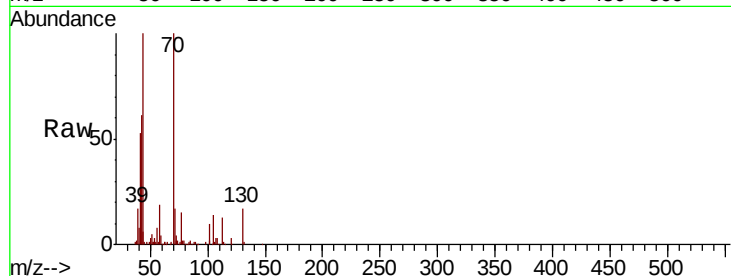




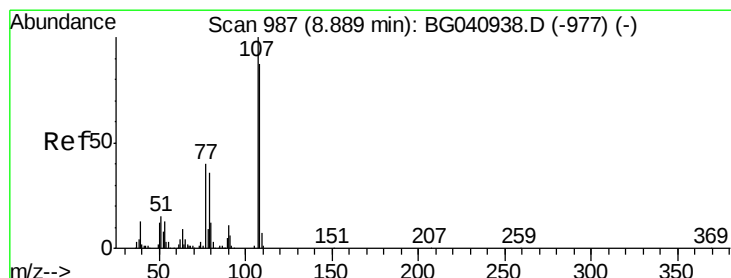
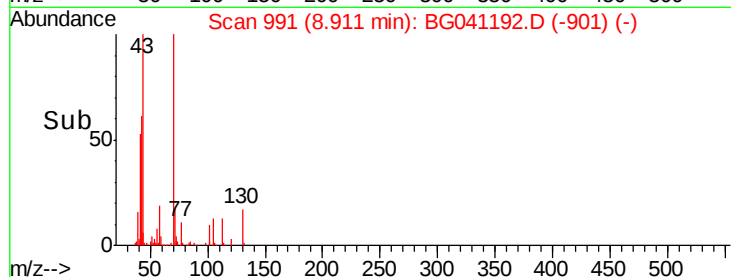
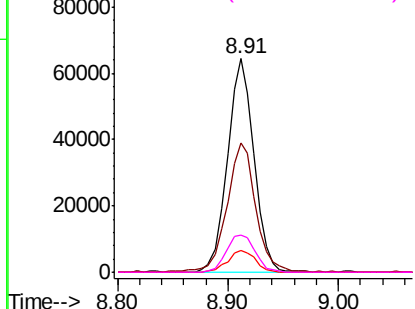
#19
n-Nitroso-di-n-propylamine
Concen: 36.139 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	108002
Ion	Ratio	Lower	Upper
70	100		
42	60.6	51.5	77.3
101	10.0	8.1	12.1
130	17.5	16.6	24.8

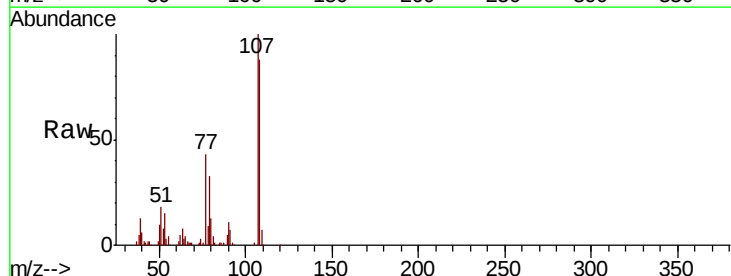


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

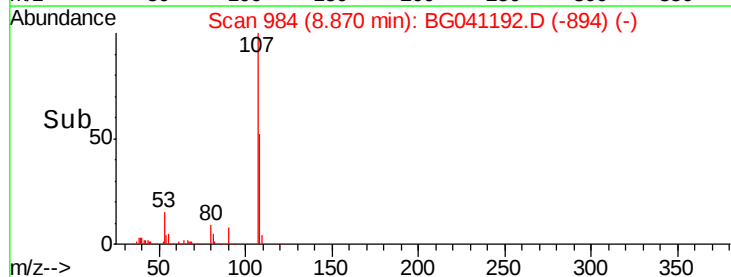
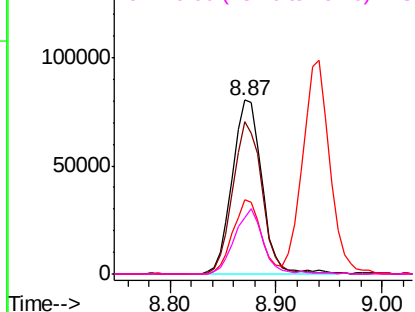


#20
3+4-Methylphenols
Concen: 37.406 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion:	107	Resp:	156211
Ion	Ratio	Lower	Upper
107	100		
108	87.7	66.8	106.8
77	42.5	20.5	60.5
79	32.5	15.8	55.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 190943

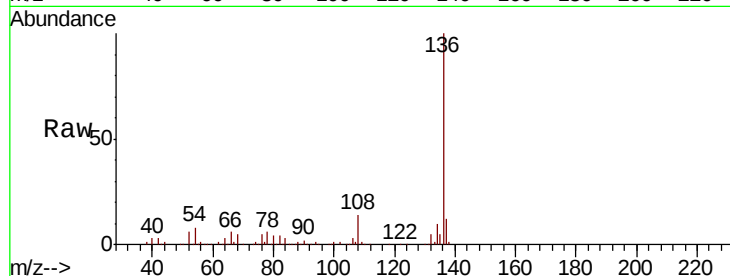
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 8.2 7.6 11.4

68 4.5 3.9 5.9

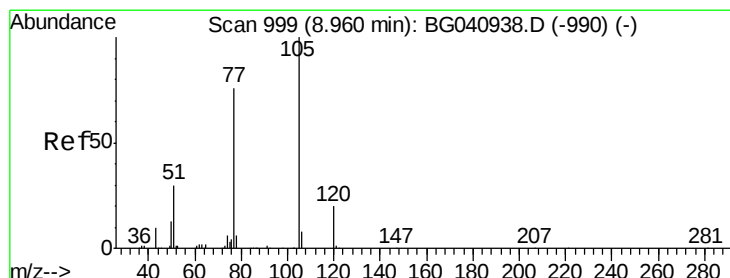
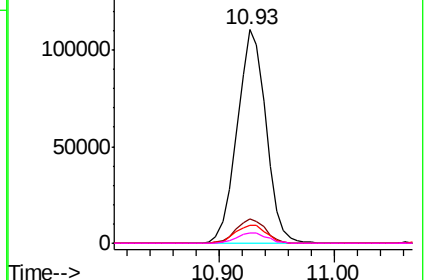
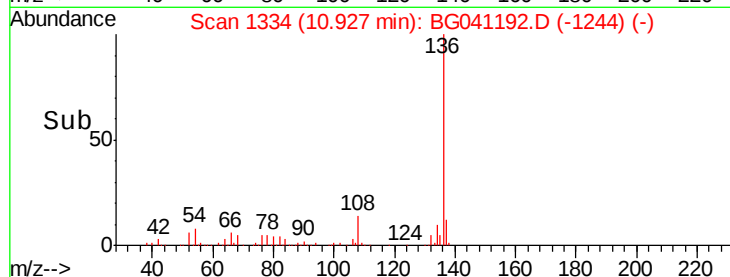


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.028 ng

RT: 8.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Tgt Ion:105 Resp: 209045

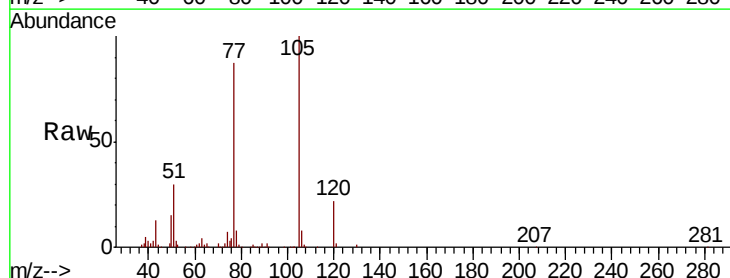
Ion Ratio Lower Upper

105 100

71 0.4 0.4 0.6#

51 29.9 27.0 40.6

120 21.7 16.2 24.4

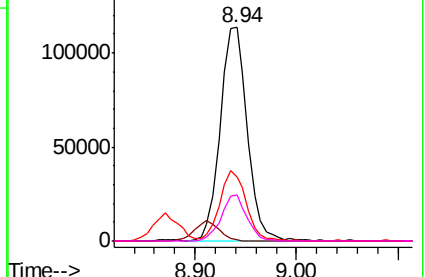
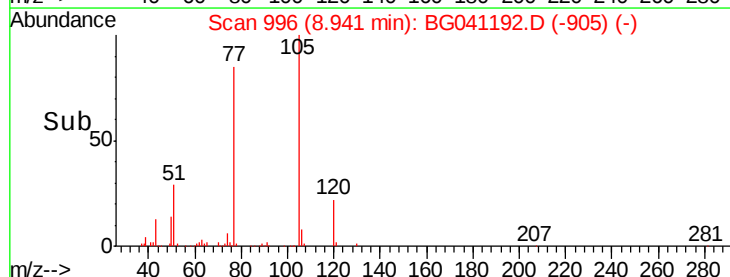


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

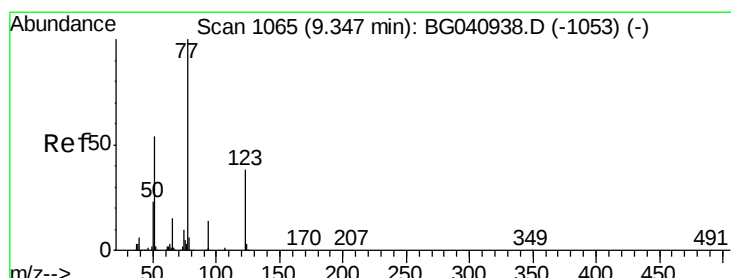
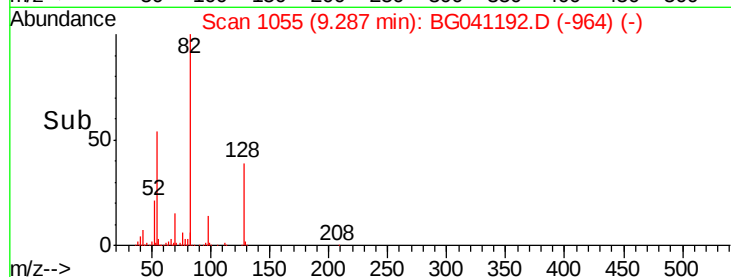
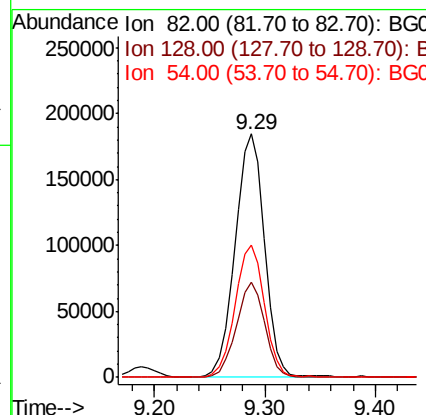
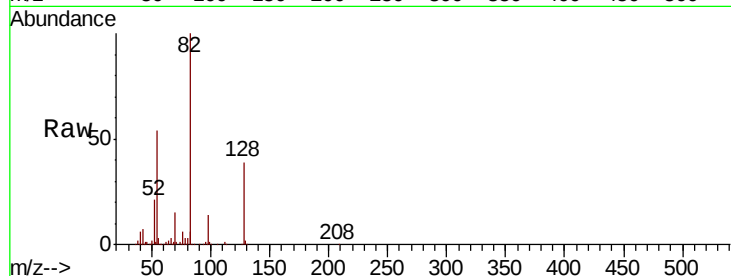




#23
 Nitrobenzene-d5
 Concen: 80.239 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

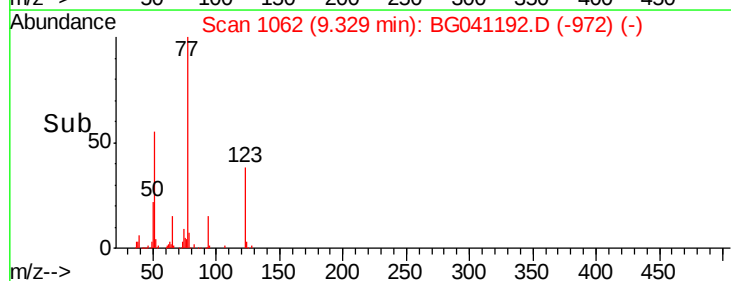
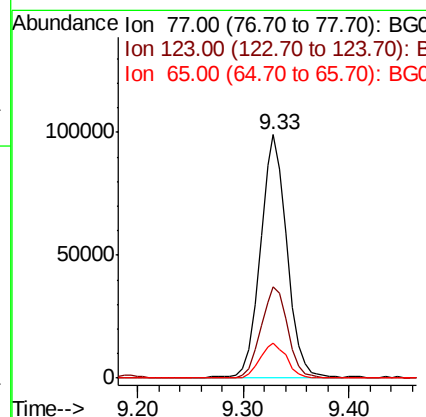
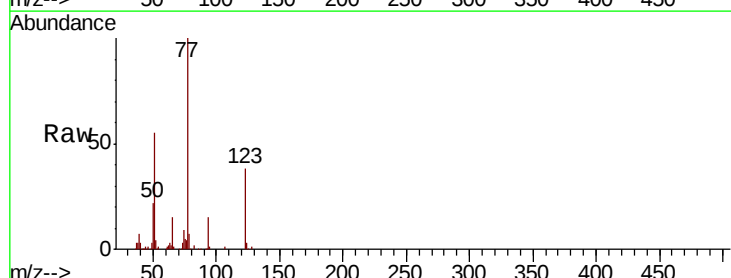
Instrument :
 BNA_G
 ClientSampleId :

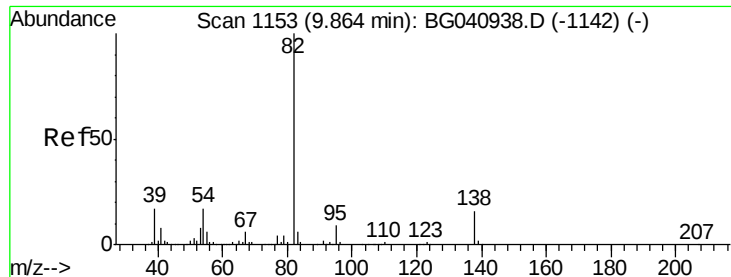
Tot Ion	82.00 (81.70 to 82.70): BGC	Resp	345118
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.5	45.7
54	54.2	44.6	66.8



#24
 Nitrobenzene
 Concen: 39.597 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

Tgt Ion	77.00 (76.70 to 77.70): BGC	Resp	173561
Ion Ratio	Lower	Upper	
77	100		
123	37.8	30.6	46.0
65	14.5	12.3	18.5





#25

Isophorone

Concen: 36.865 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

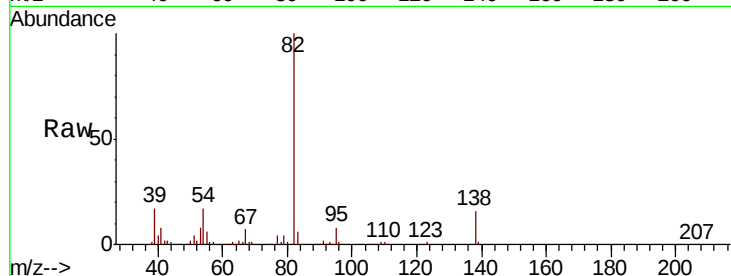
Tot Ion: 82 Resp: 301757

Ion Ratio Lower Upper

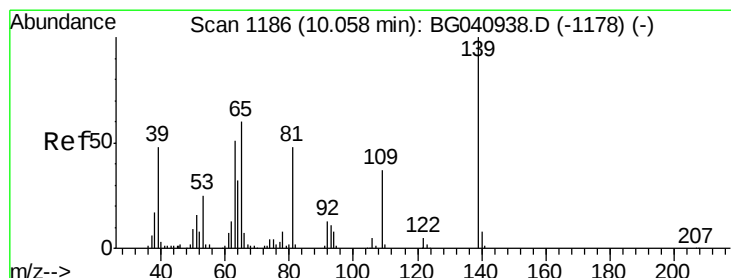
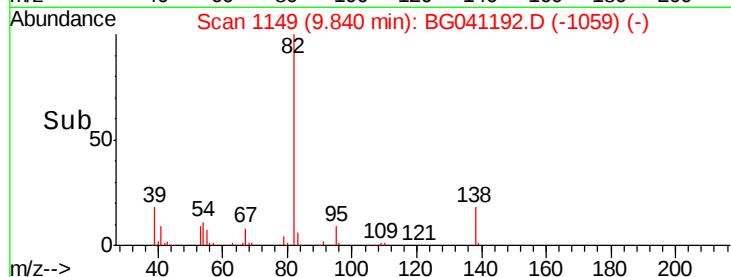
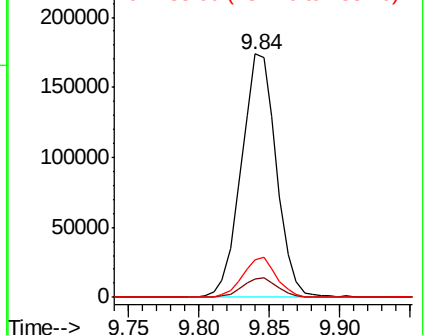
82 100

95 7.5 7.0 10.4

138 15.7 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



#26

2-Nitrophenol

Concen: 41.580 ng

RT: 10.04 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

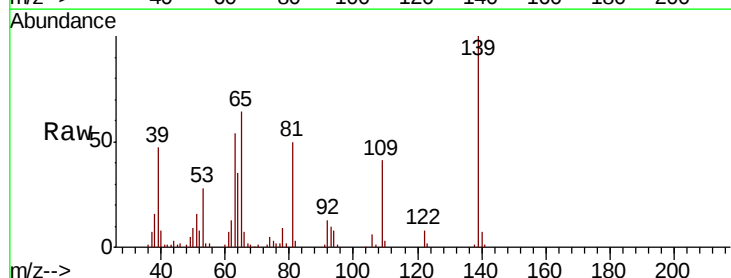
Tgt Ion: 139 Resp: 75134

Ion Ratio Lower Upper

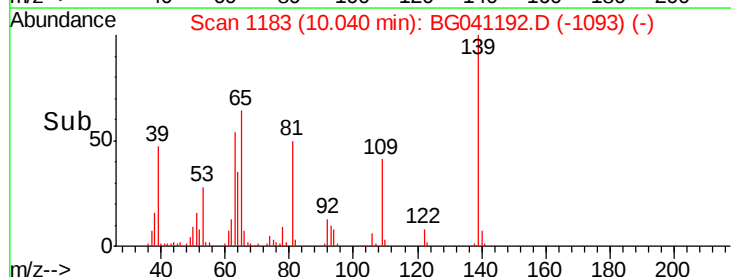
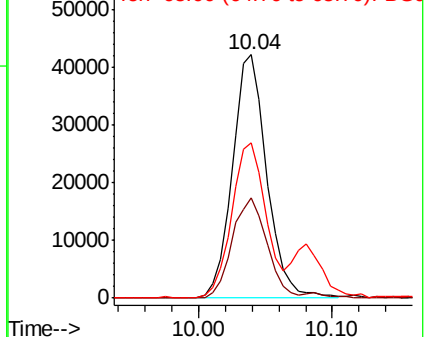
139 100

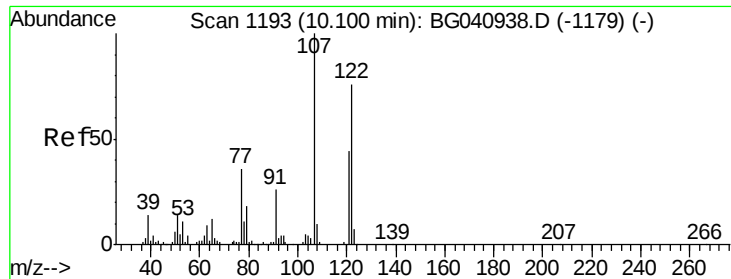
109 41.3 29.8 44.6

65 63.9 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

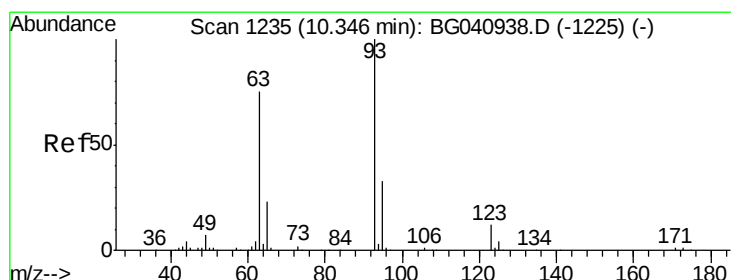
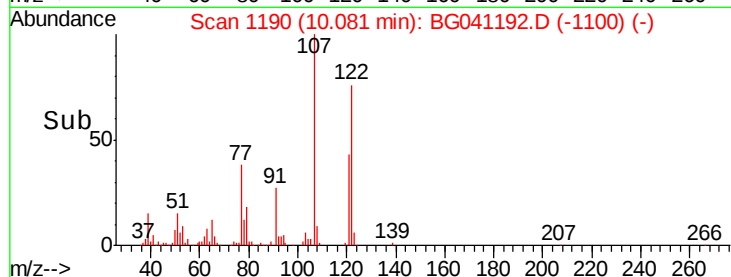
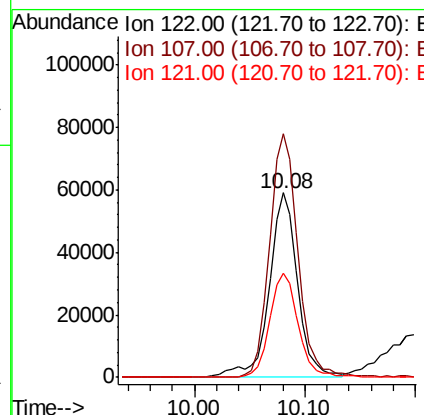
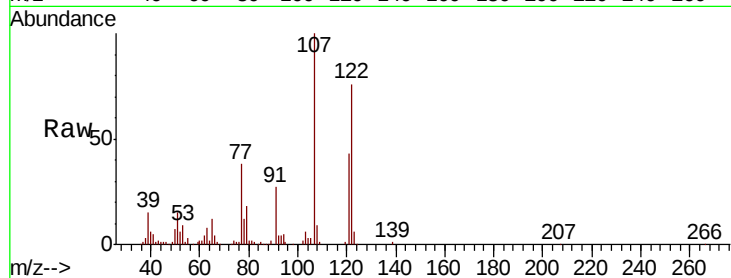




#27
 2,4-Dimethylphenol
 Concen: 35.649 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

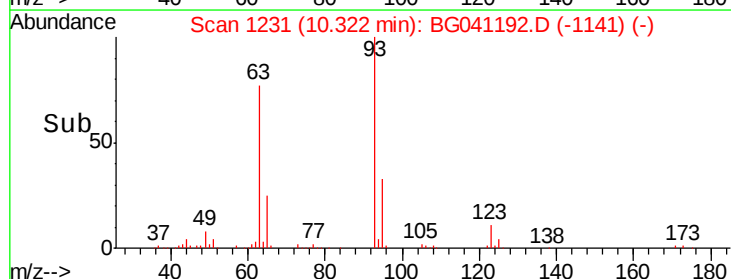
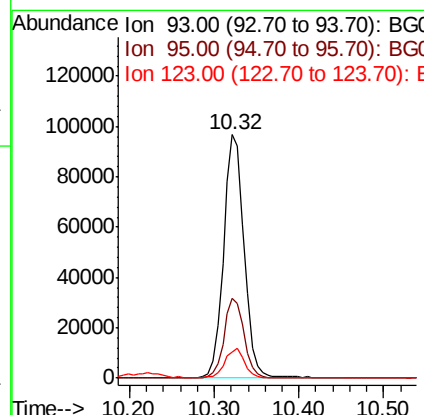
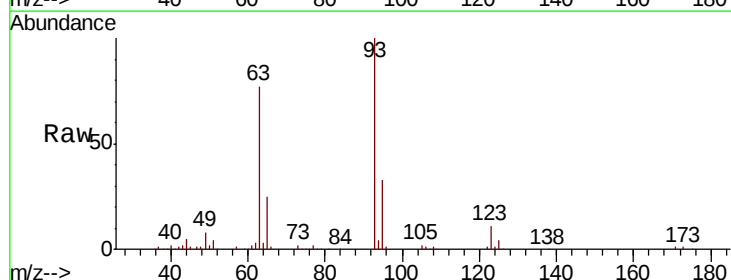
Instrument :
 BNA_G
 ClientSampled :

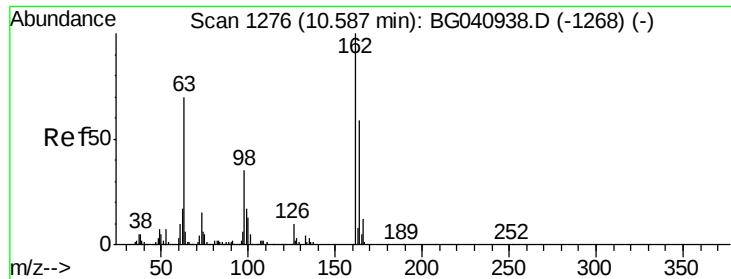
Tot Ion	122	Resp	106389
Ion Ratio	Lower	Upper	
122	100		
107	132.2	105.9	158.9
121	56.7	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.996 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

Tgt Ion	93	Resp	163441
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.2	39.2
123	10.7	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 38.548 ng

RT: 10.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

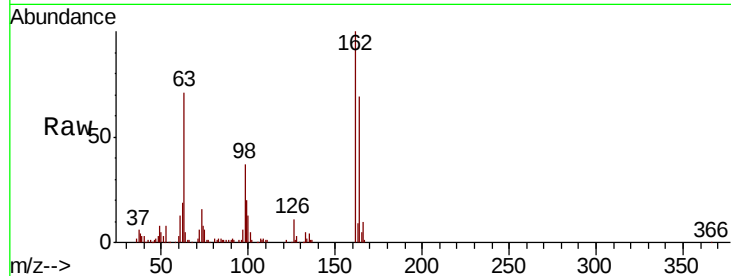
Tot Ion:162 Resp: 146088

Ion Ratio Lower Upper

162 100

164 69.4 39.4 79.4

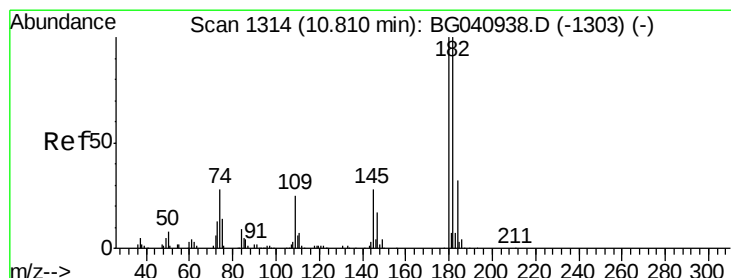
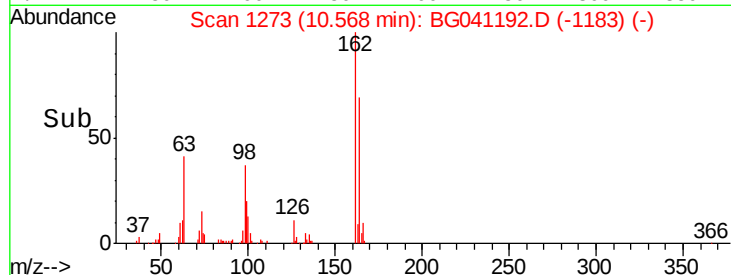
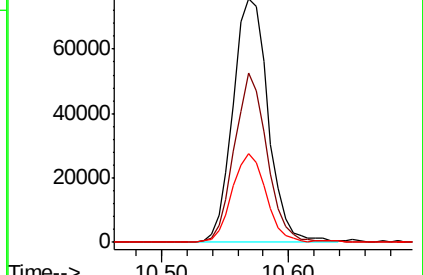
98 36.6 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.597 ng

RT: 10.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

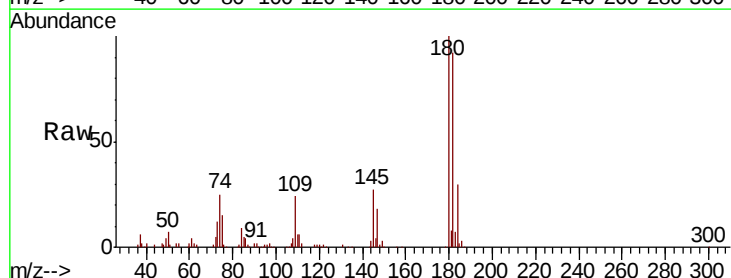
Tgt Ion:180 Resp: 175021

Ion Ratio Lower Upper

180 100

182 92.2 79.7 119.5

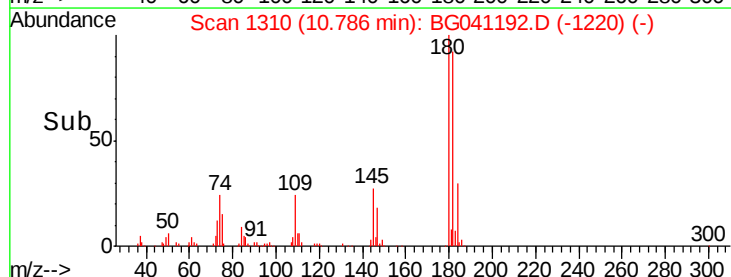
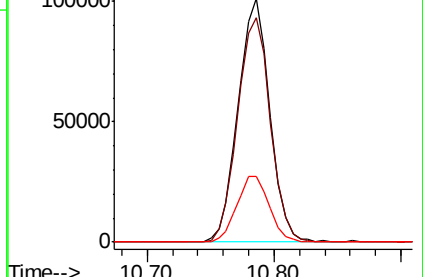
145 27.0 22.6 34.0



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

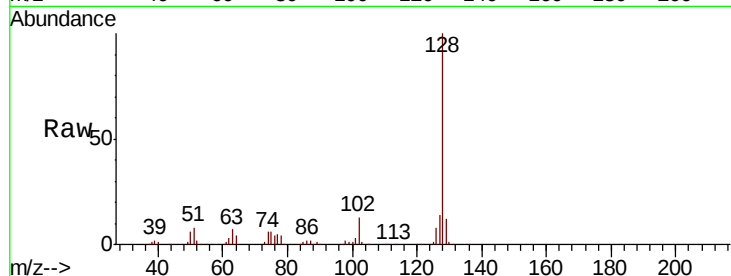




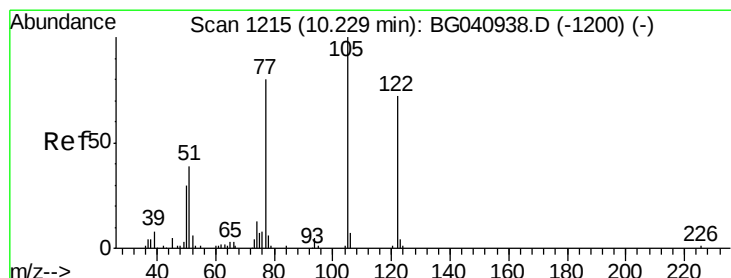
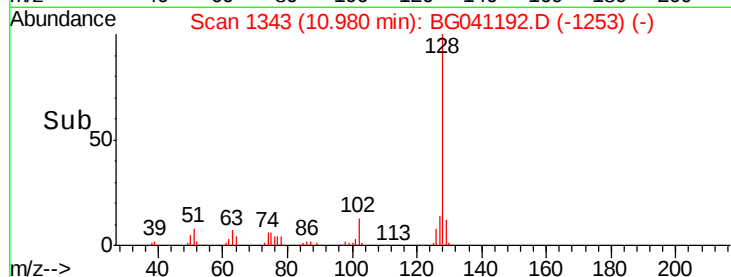
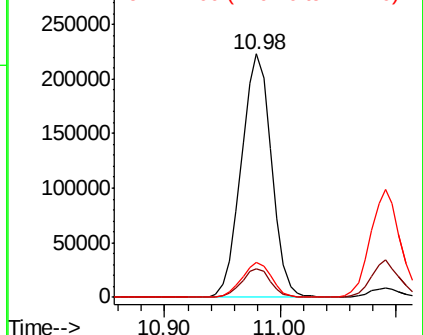
#31
Naphthalene
Concen: 39.562 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.5	12.7
127	14.4	11.4	17.2

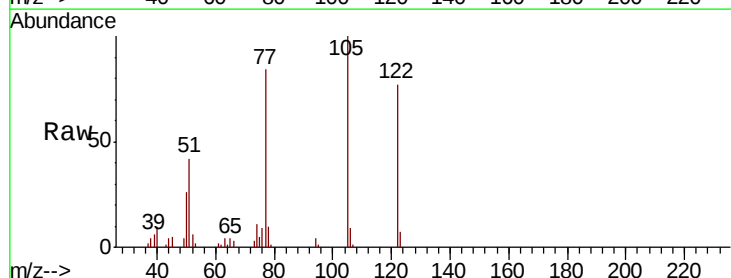


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

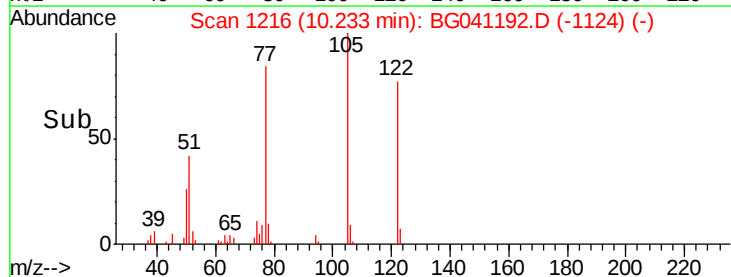
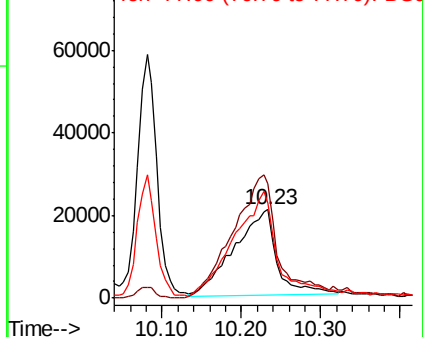


#32
Benzoic acid
Concen: 35.785 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.7	114.8	154.8
77	108.5	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

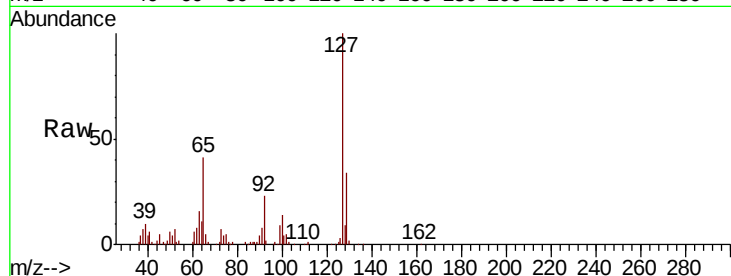




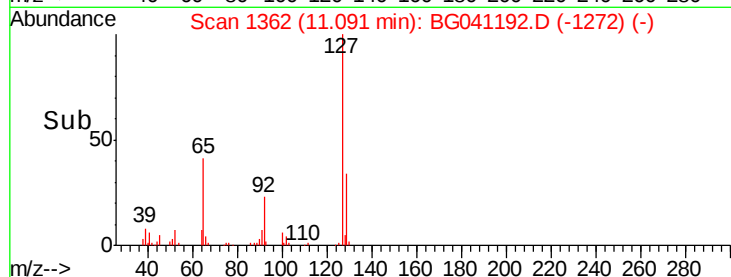
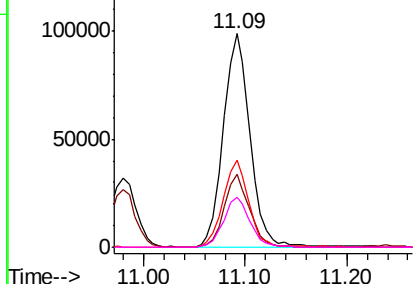
#33
4-Chloroaniline
Concen: 38.095 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	181208
Ion	Ratio	Lower Upper
127	100	
129	34.3	27.7 41.5
65	40.7	33.2 49.8
92	23.3	17.2 25.8

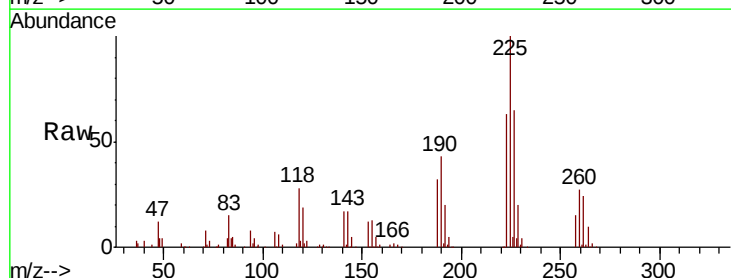


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

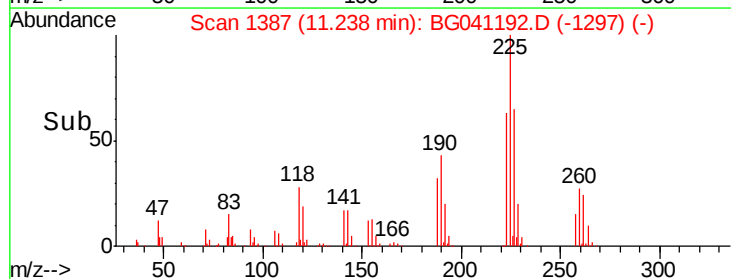
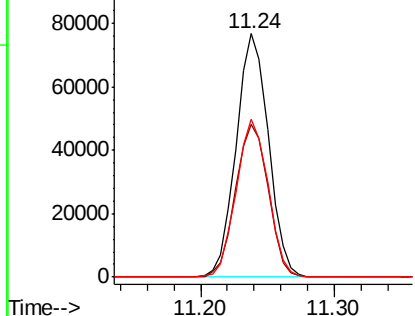


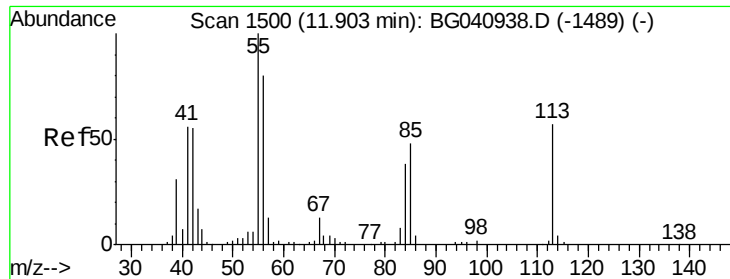
#34
Hexachlorobutadiene
Concen: 39.053 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion:225	Resp:	128825
Ion	Ratio	Lower Upper
225	100	
223	62.8	48.8 73.2
227	64.6	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

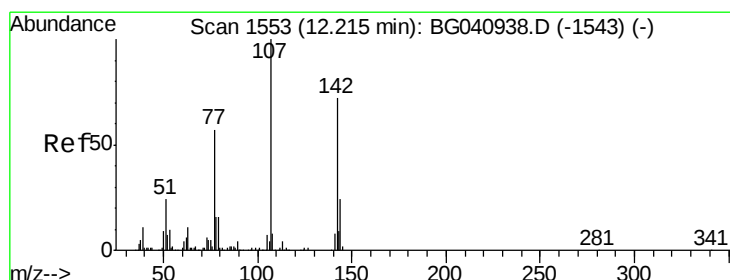
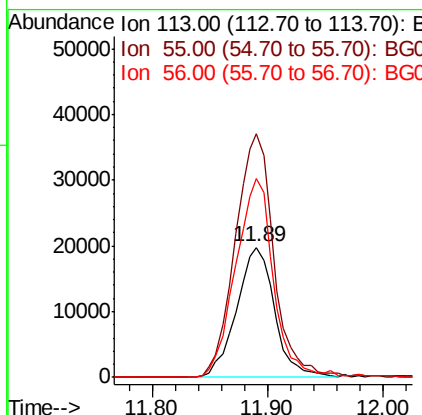
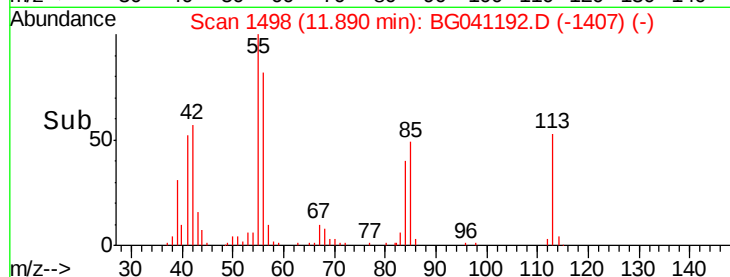
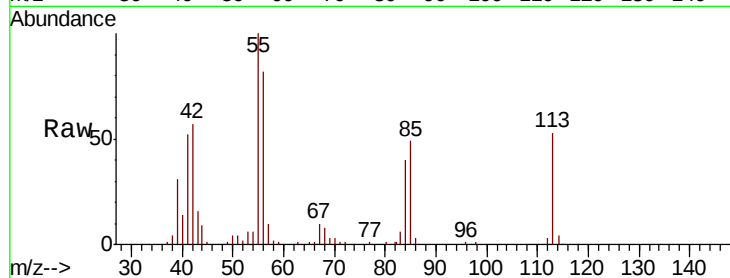




#35
 Caprolactam
 Concen: 36.149 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

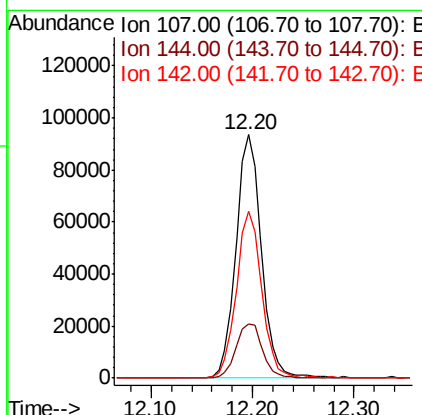
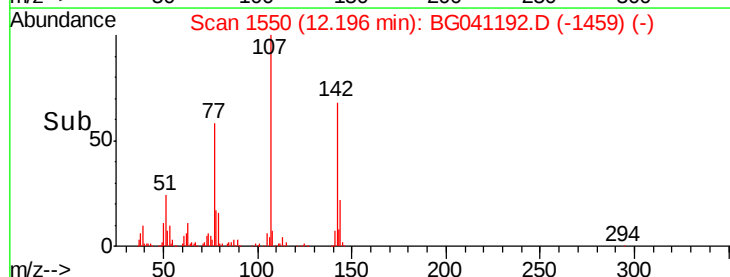
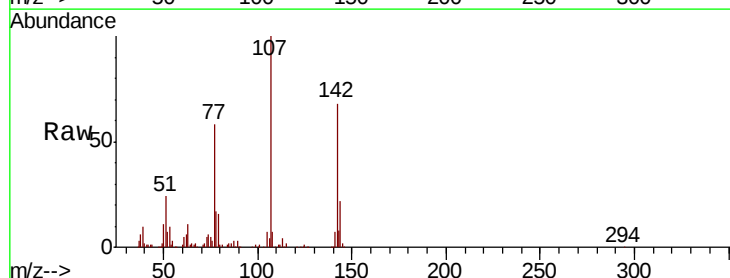
Instrument :
 BNA_G
 ClientSampleId :

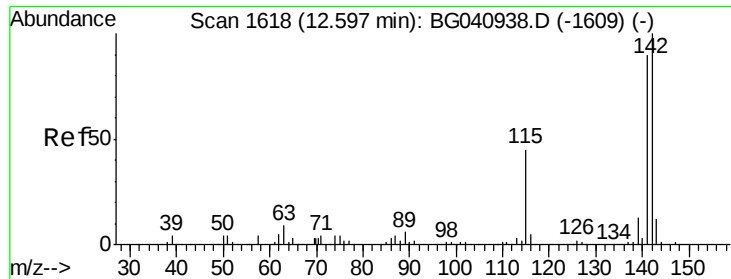
Tot Ion:113 Resp: 45239
 Ion Ratio Lower Upper
 113 100
 55 187.1 155.9 195.9
 56 153.2 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.803 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

Tgt Ion:107 Resp: 163619
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.4 29.0
 142 68.3 57.3 85.9

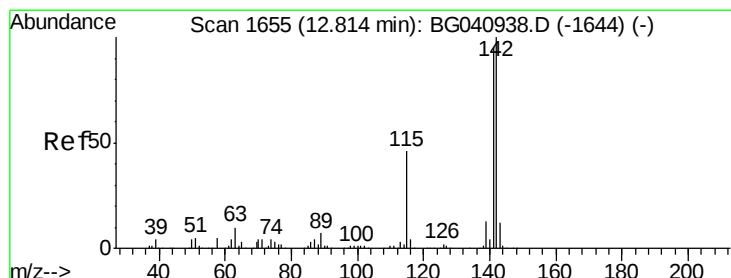
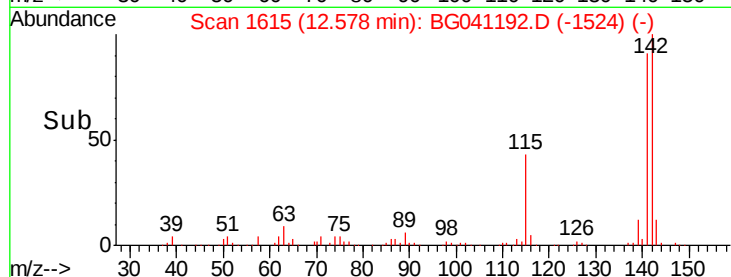
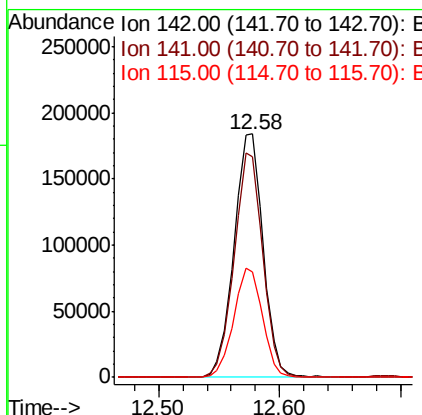
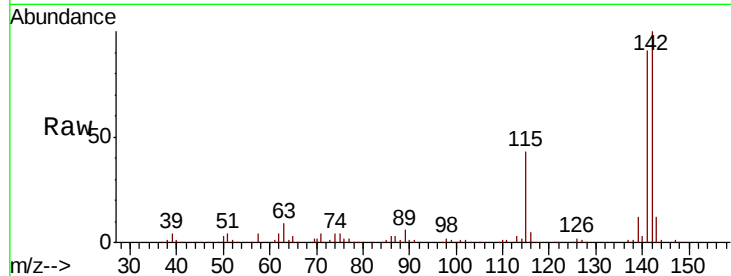




#37
2-Methylnaphthalene
Concen: 39.076 ng
RT: 12.58 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

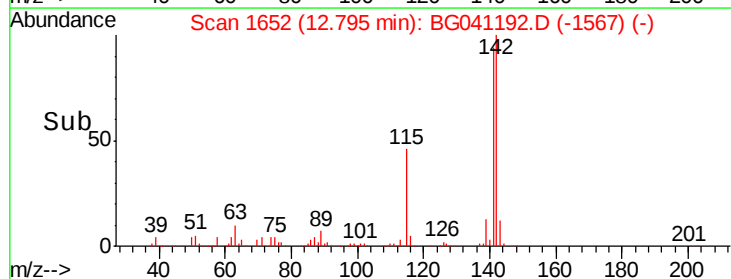
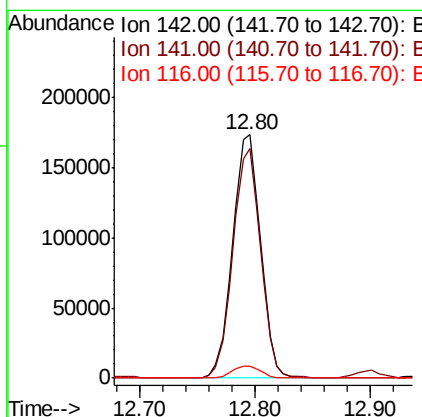
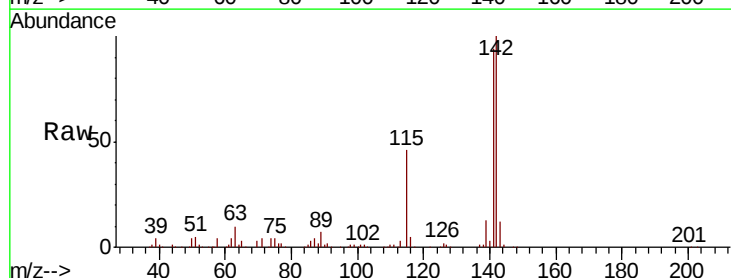
Instrument :
BNA_G
ClientSampleId :

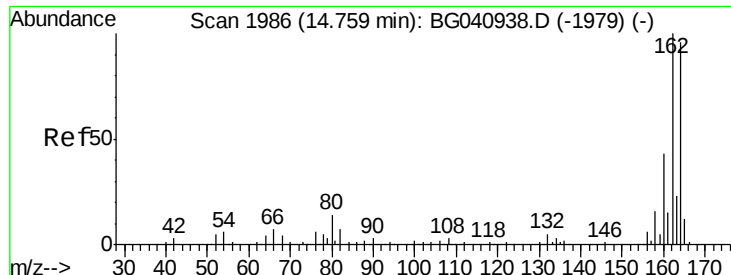
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.4
115	43.1	36.2	54.4



#38
1-Methylnaphthalene
Concen: 39.094 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.7	113.5
116	4.9	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: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

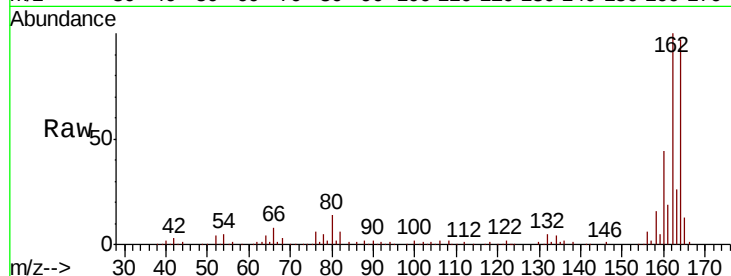
Tot Ion:164 Resp: 139957

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.4

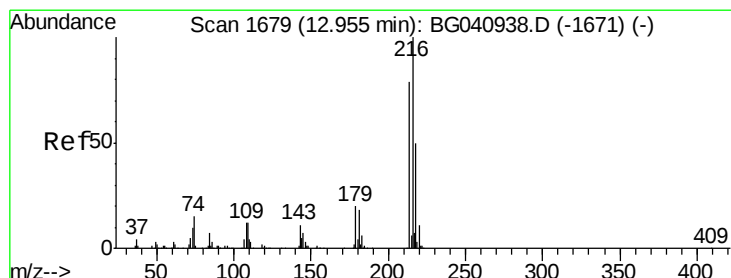
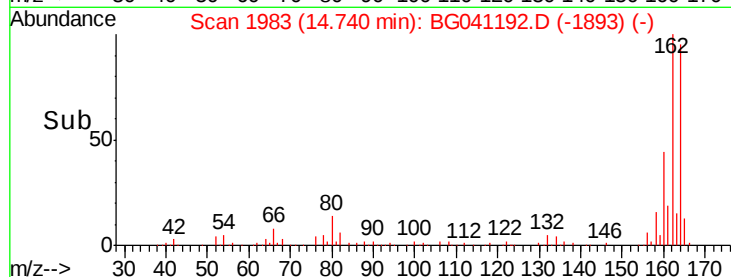
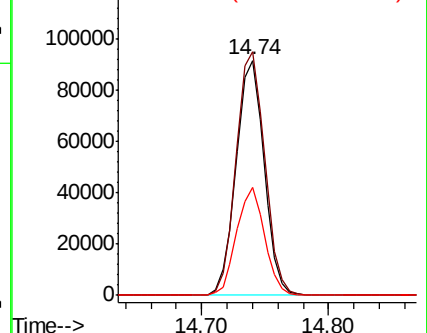
160 46.0 35.6 53.4



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: 42.027 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Tgt Ion:216 Resp: 237076

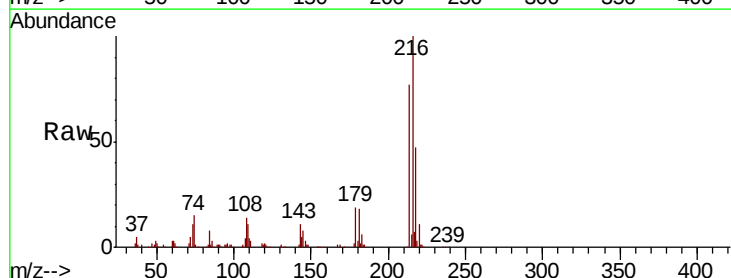
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 18.5 15.2 22.8

108 13.8 11.4 17.2

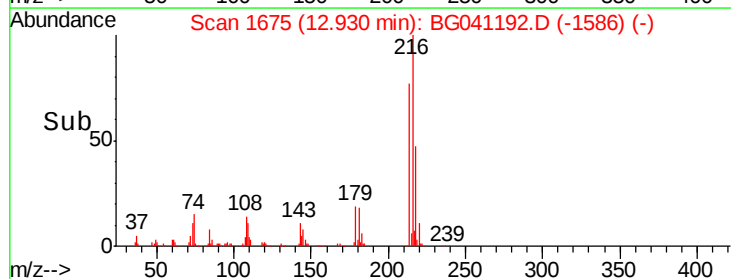
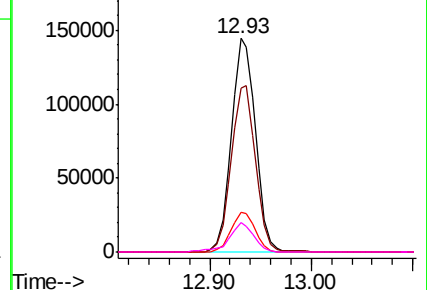


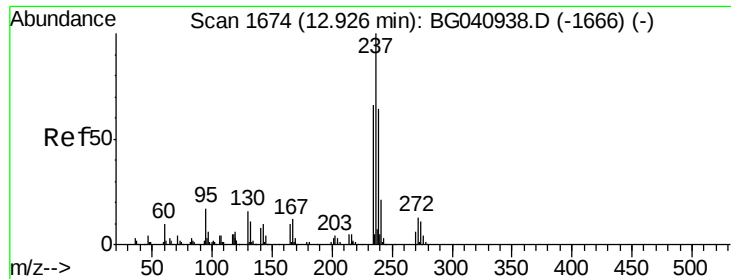
Abundance Ion 216.00 (215.70 to 216.70): E

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

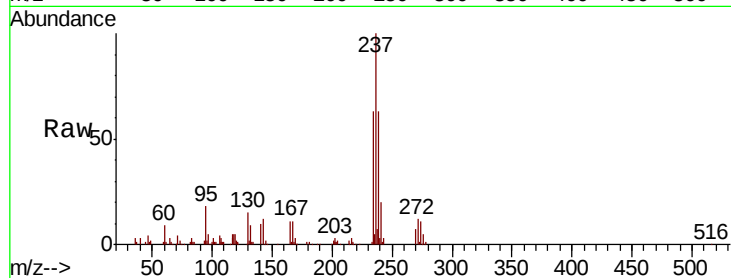




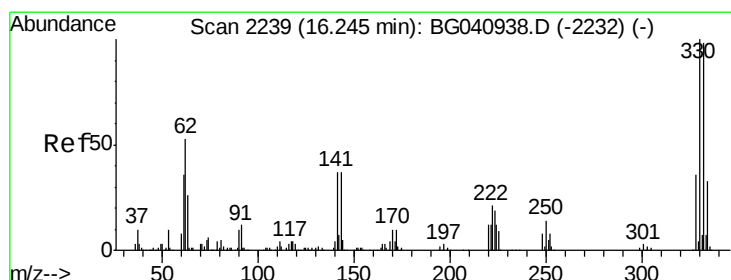
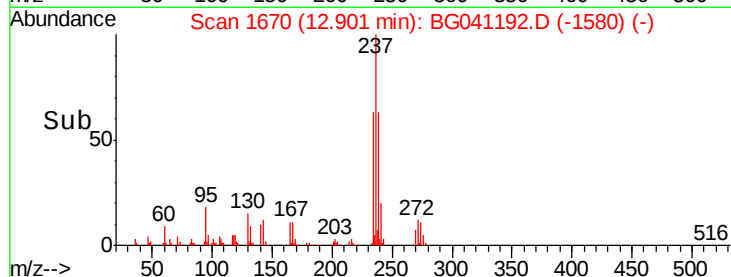
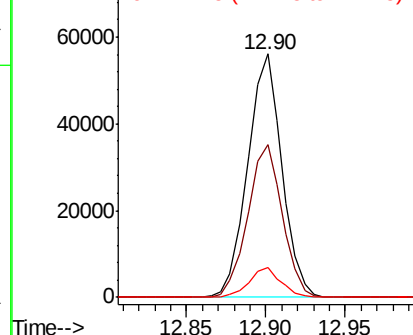
#41
Hexachlorocyclopentadiene
Concen: 32.995 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	45.5	85.5
272	12.2	0.0	32.9

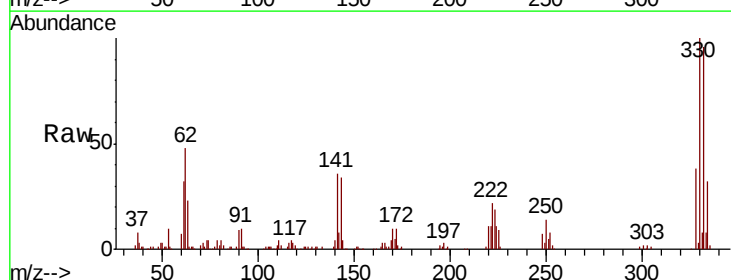


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

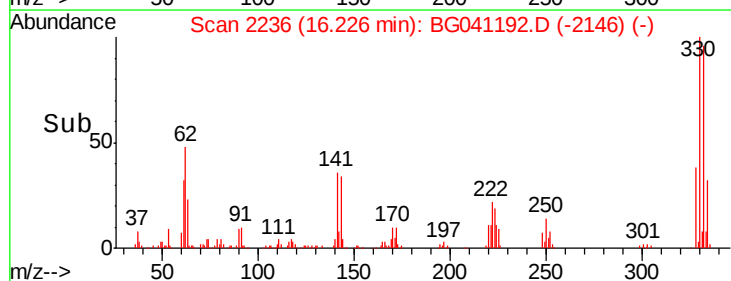
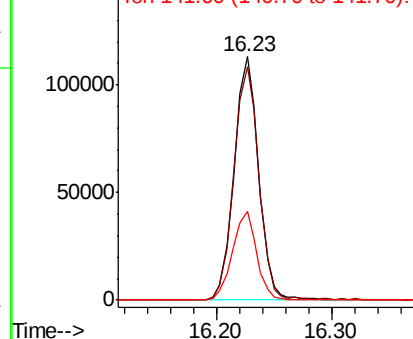


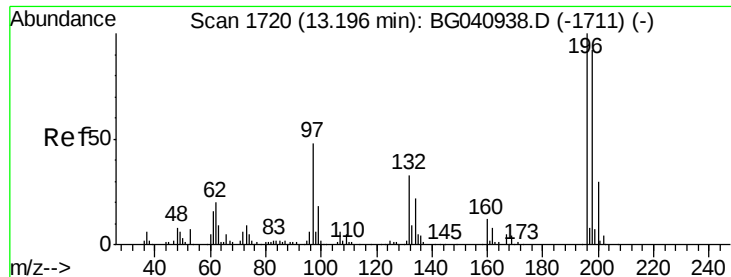
#42
2,4,6-Tribromophenol
Concen: 80.072 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.5	117.7
141	36.0	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

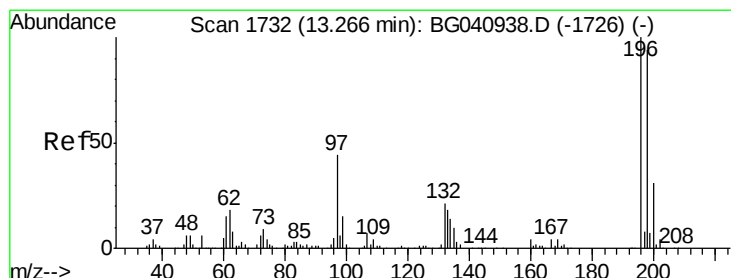
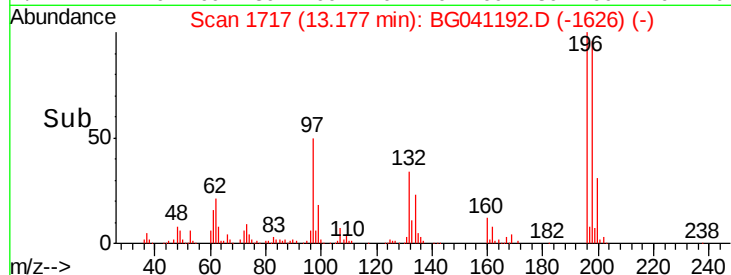
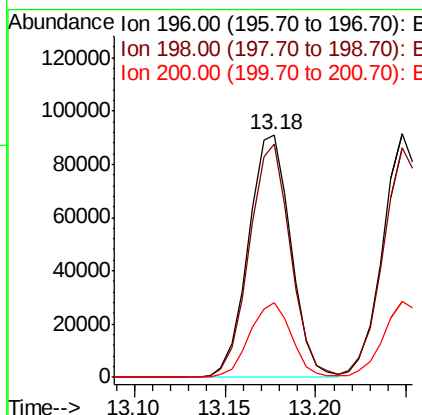
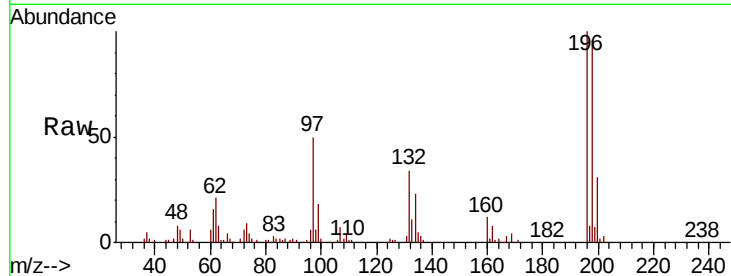




#43
 2,4,6-Trichlorophenol
 Concen: 40.437 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

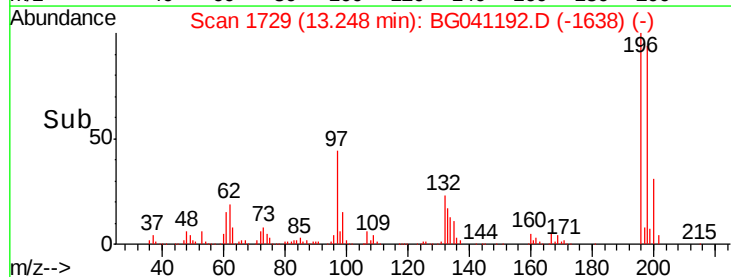
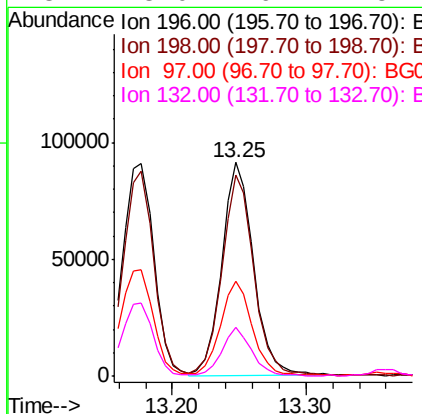
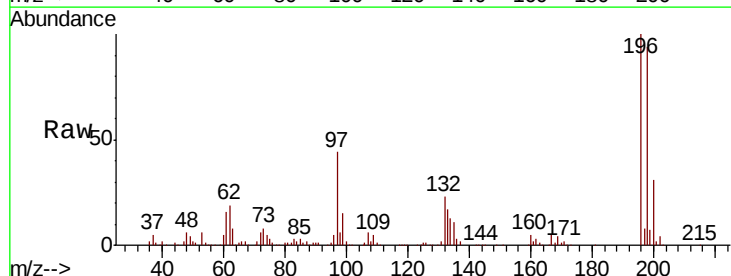
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 147566
 Ion Ratio Lower Upper
 196 100
 198 96.0 73.8 110.6
 200 30.7 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 39.373 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

Tgt Ion:196 Resp: 151533
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.1 112.7
 97 44.2 35.6 53.4
 132 23.0 16.7 25.1

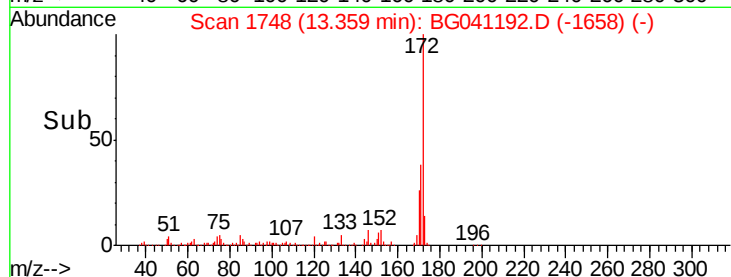
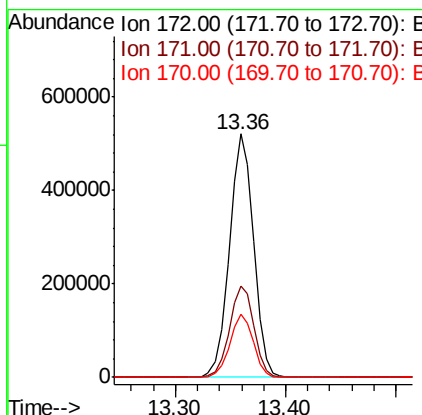
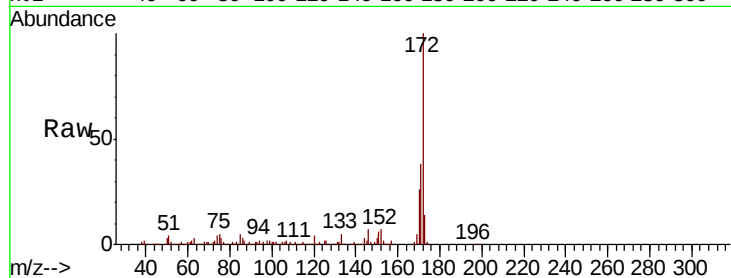




#45
2-Fluorobiphenyl
Concen: 81.897 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

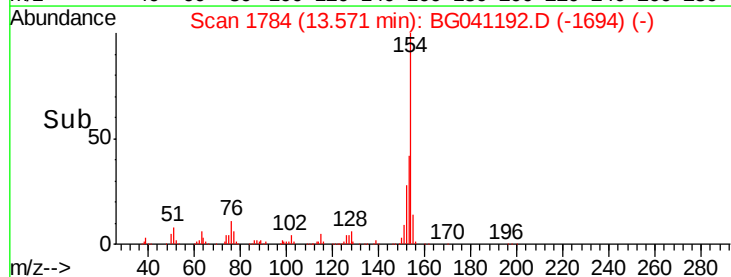
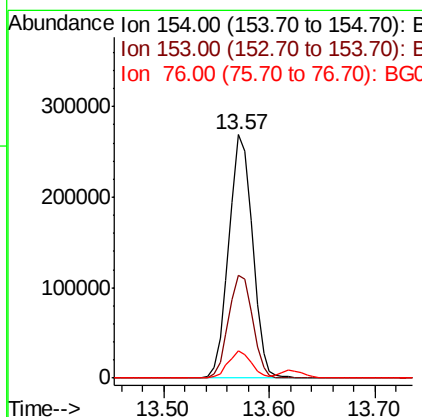
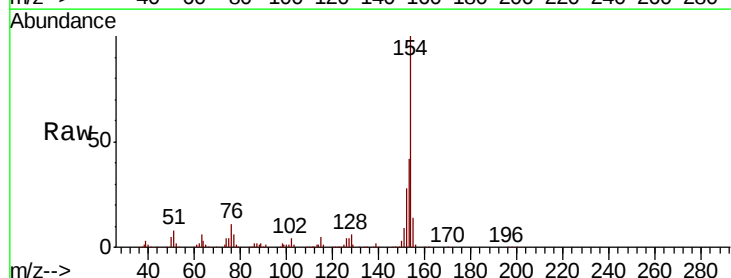
Instrument :
BNA_G
ClientSampleId :

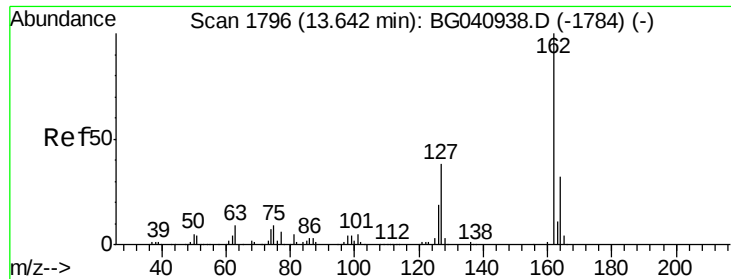
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.1	46.7
170	25.7	20.5	30.7



#46
1,1'-Biphenyl
Concen: 40.185 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.3	63.3
76	11.1	0.0	31.1

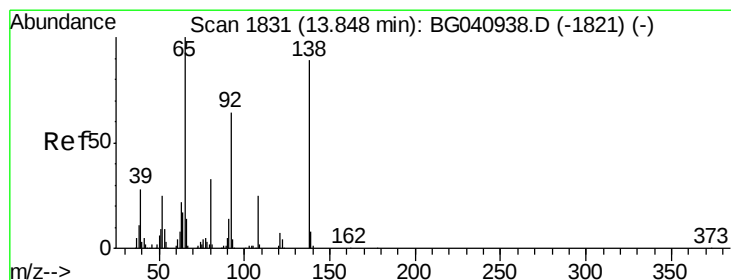
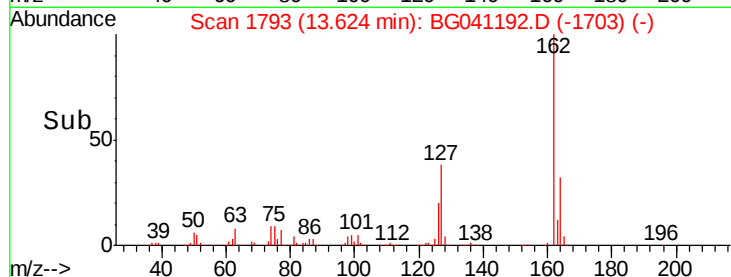
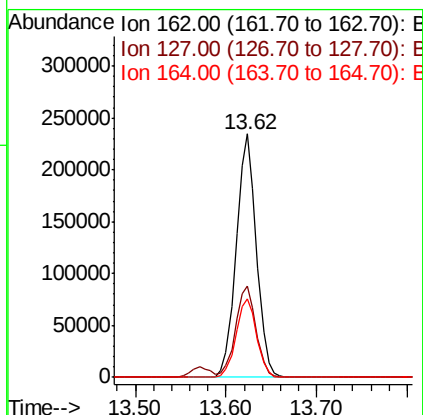
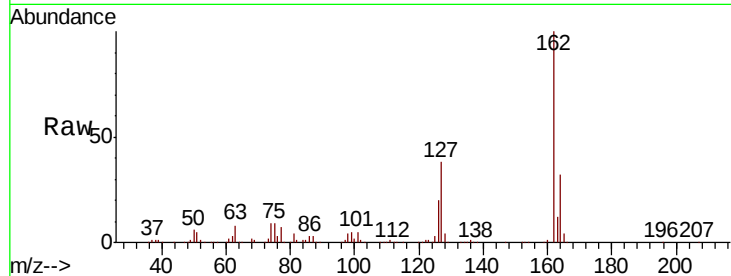




#47
2-Chloronaphthalene
Concen: 40.964 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

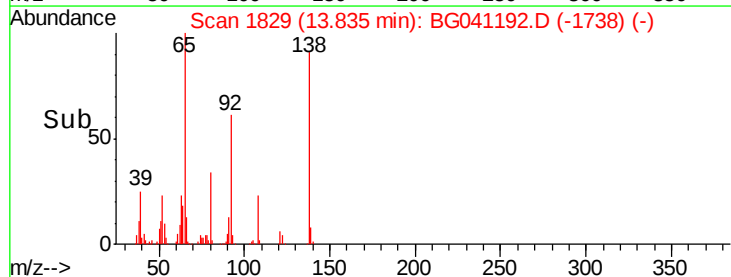
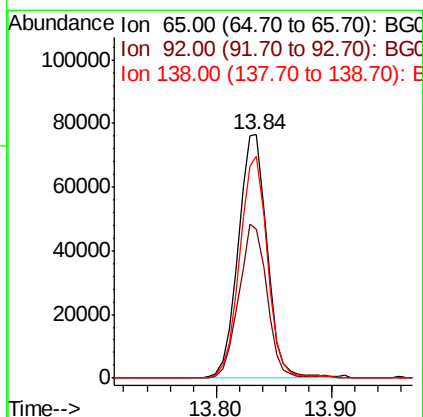
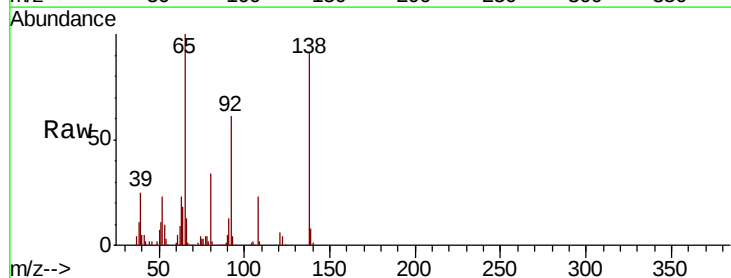
Instrument :
BNA_G
ClientSampleId :

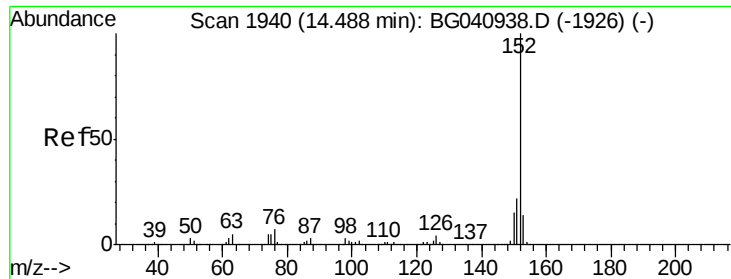
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	32.0	25.8	38.6



#48
2-Nitroaniline
Concen: 41.525 ng
RT: 13.84 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	51.0	76.6
138	90.9	71.2	106.8





#49

Acenaphthylene

Concen: 40.154 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

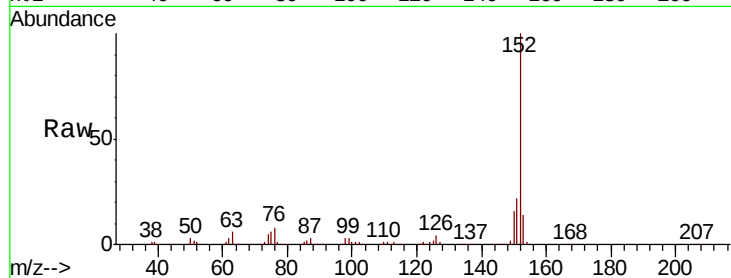
Tot Ion:152 Resp: 537489

Ion Ratio Lower Upper

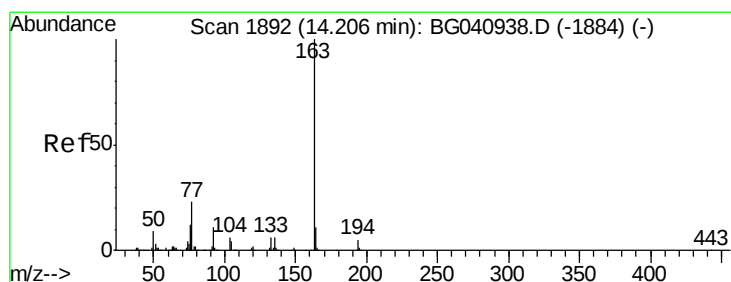
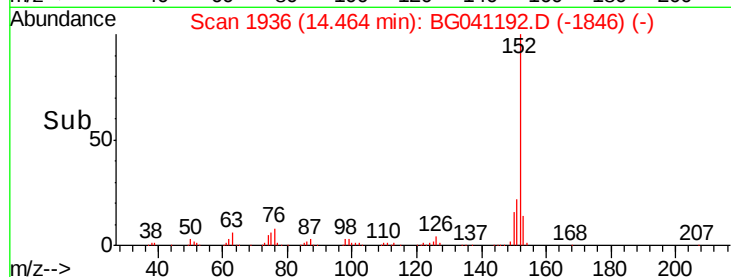
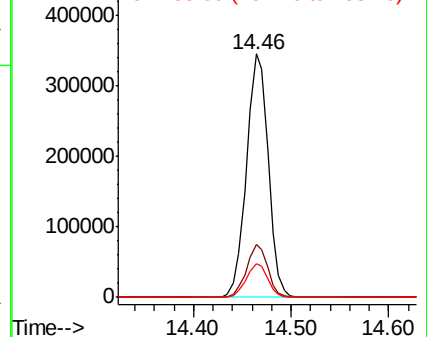
152 100

151 21.7 17.4 26.0

153 13.7 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.887 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

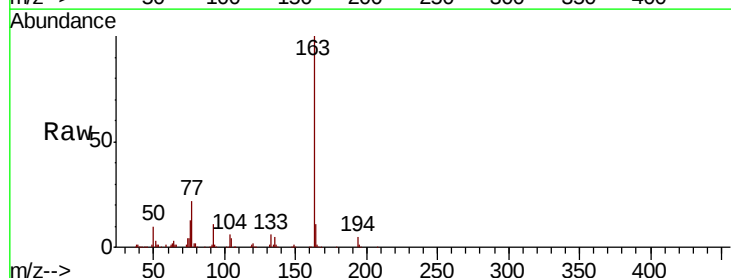
Tgt Ion:163 Resp: 460711

Ion Ratio Lower Upper

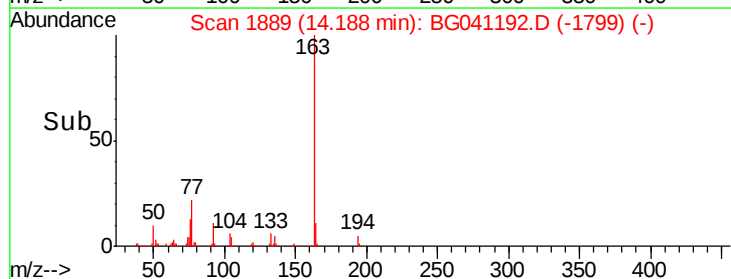
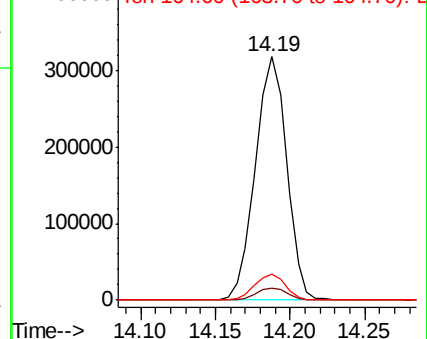
163 100

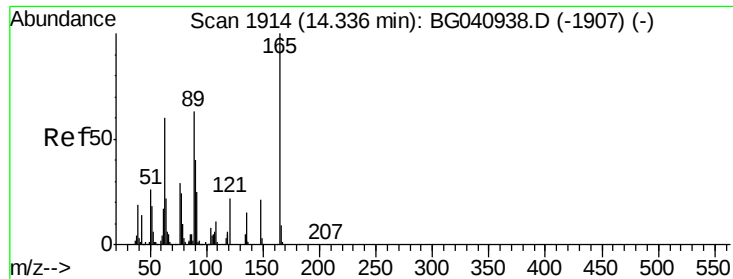
194 5.1 3.8 5.8

164 10.9 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

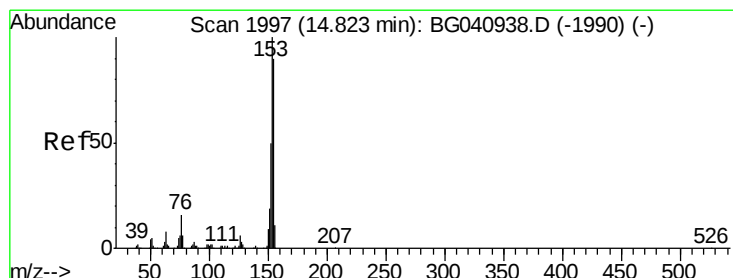
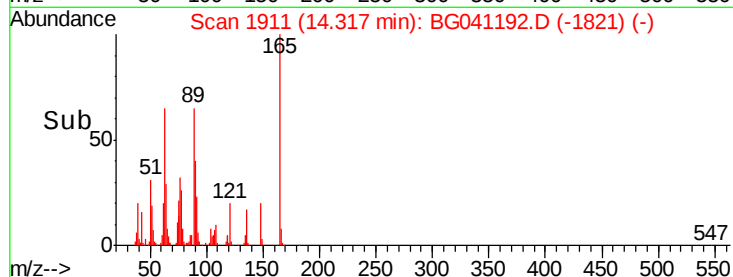
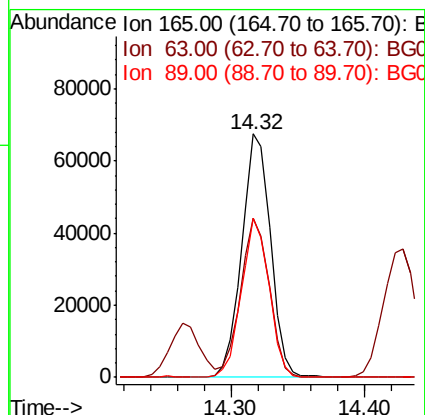
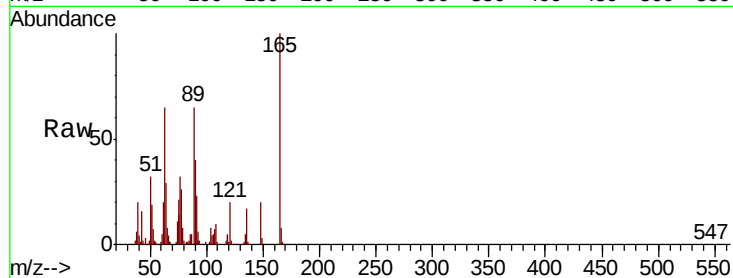




#51
 2,6-Dinitrotoluene
 Concen: 39.354 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

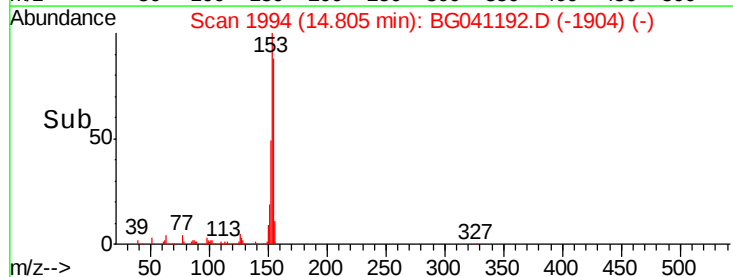
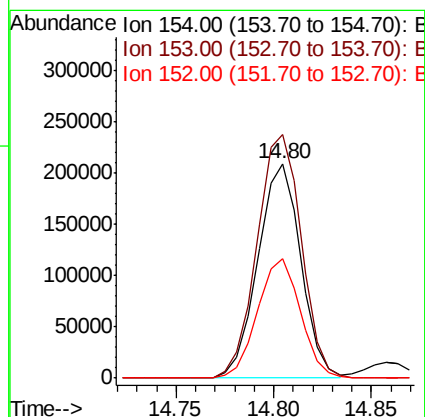
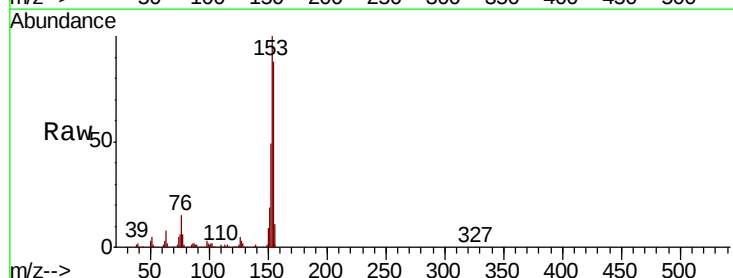
Instrument :
 BNA_G
 ClientSampleId :

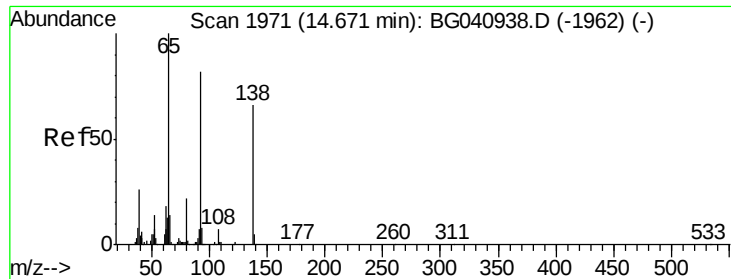
Tot Ion:165 Resp: 100526
 Ion Ratio Lower Upper
 165 100
 63 65.3 53.6 80.4
 89 65.3 50.4 75.6



#52
 Acenaphthene
 Concen: 39.212 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

Tgt Ion:154 Resp: 317972
 Ion Ratio Lower Upper
 154 100
 153 113.6 88.6 133.0
 152 55.8 44.2 66.4





#53

3-Nitroaniline

Concen: 39.704 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

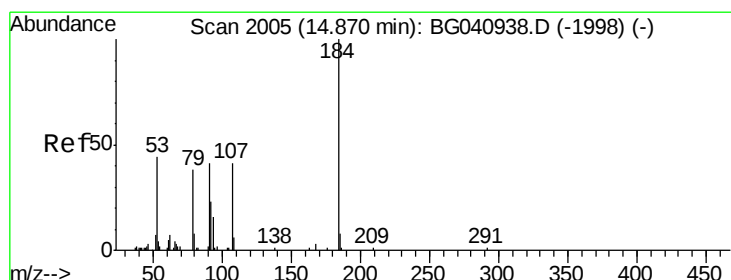
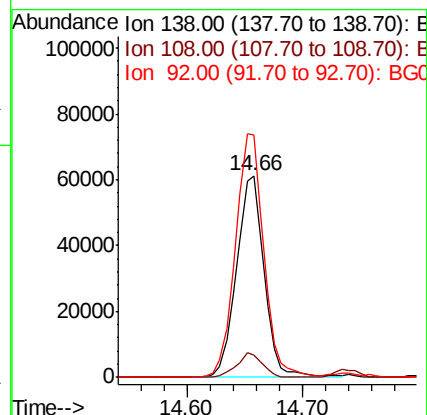
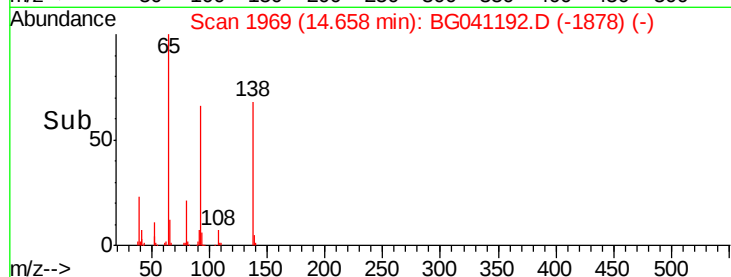
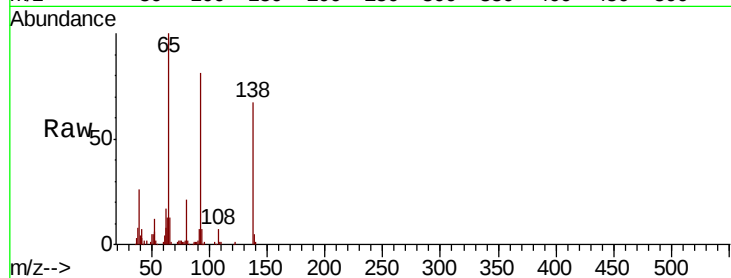
Tot Ion:138 Resp: 101416

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

92 120.2 99.0 148.6



#54

2,4-Dinitrophenol

Concen: 43.580 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

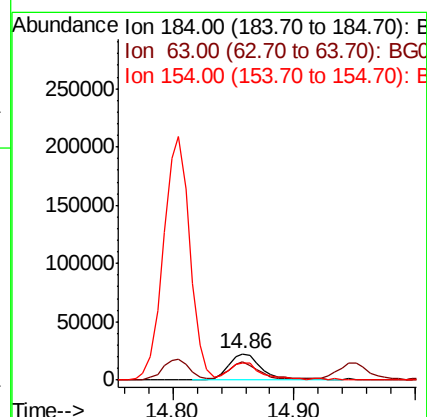
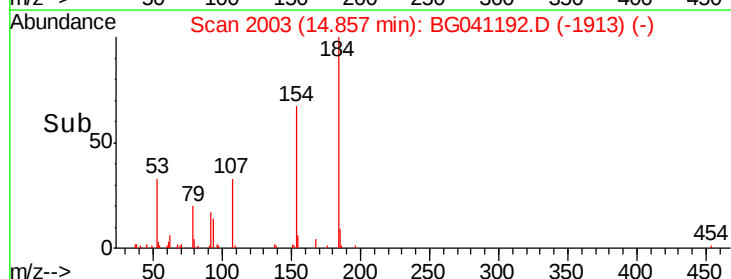
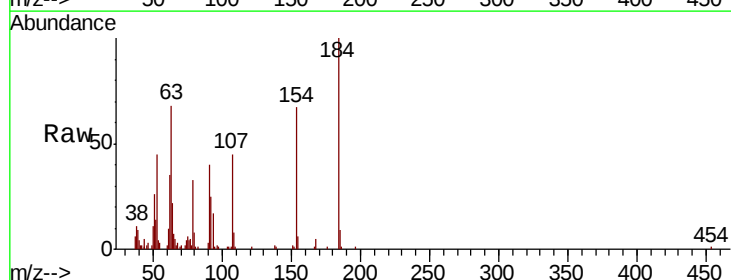
Tgt Ion:184 Resp: 44606

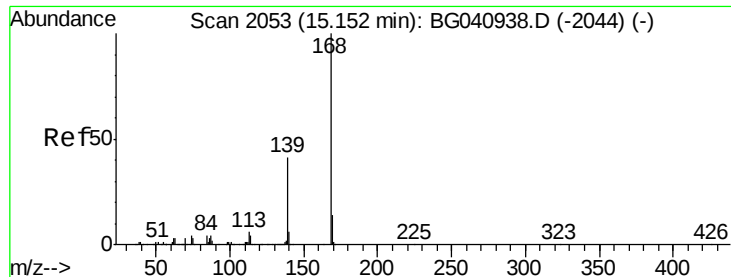
Ion Ratio Lower Upper

184 100

63 67.6 49.8 74.6

154 66.7 52.2 78.4

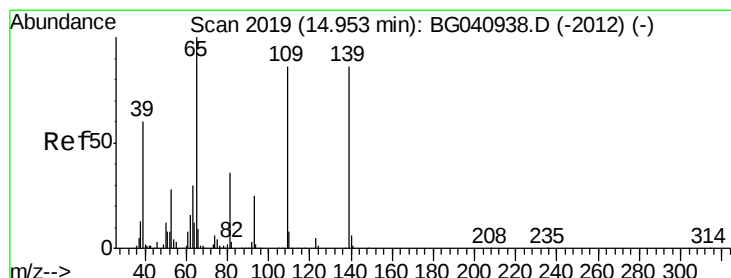
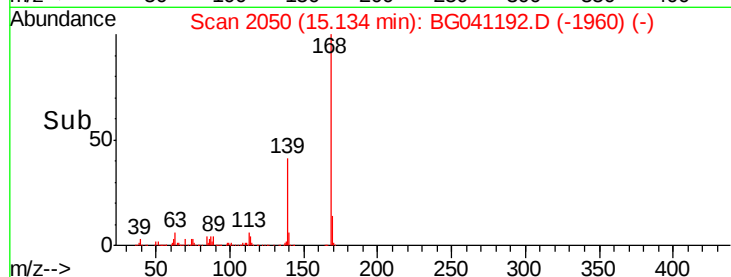
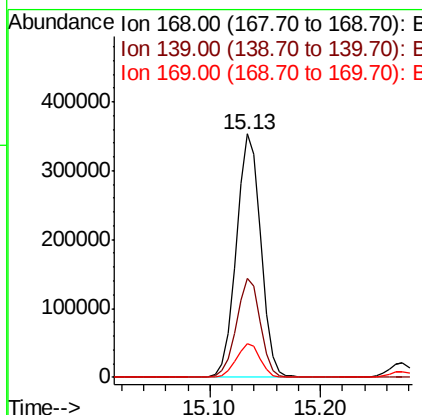
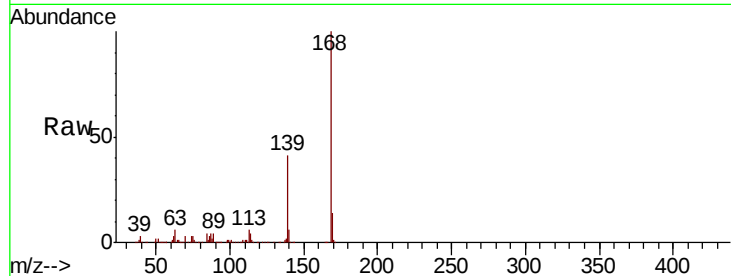




#55
Dibenzofuran
Concen: 40.287 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

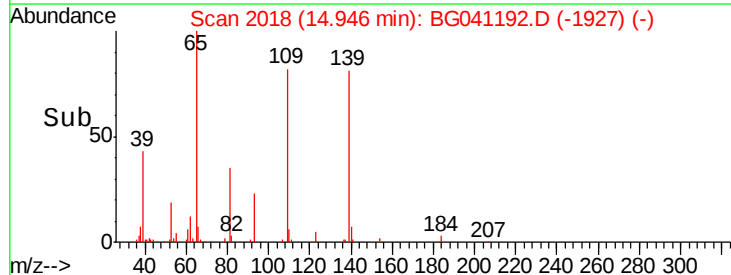
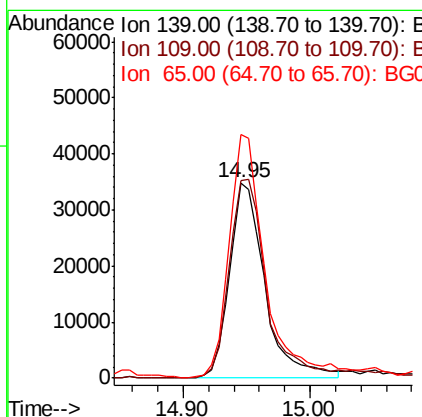
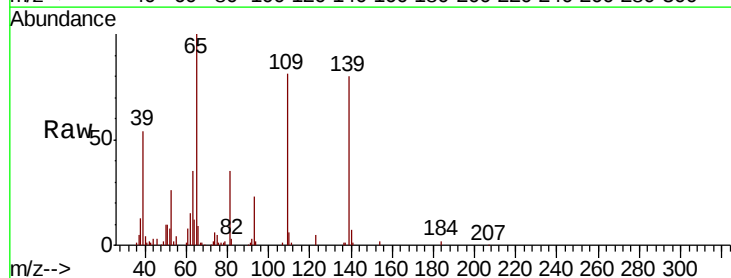
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	32.8	49.2
169	13.6	11.3	16.9



#56
4-Nitrophenol
Concen: 38.467 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.8	79.6	119.6
65	124.5	96.9	136.9

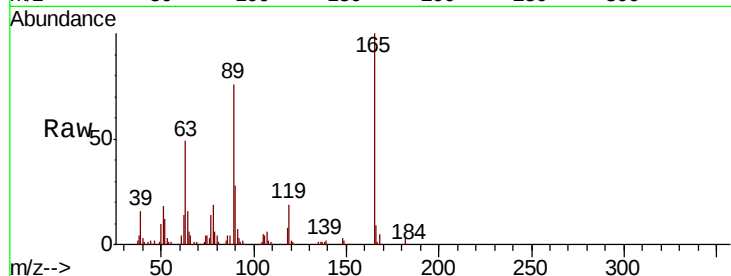




#57
2,4-Dinitrotoluene
Concen: 39.468 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.2	37.3	55.9
89	75.5	61.0	91.6
182	3.4	2.2	3.2#



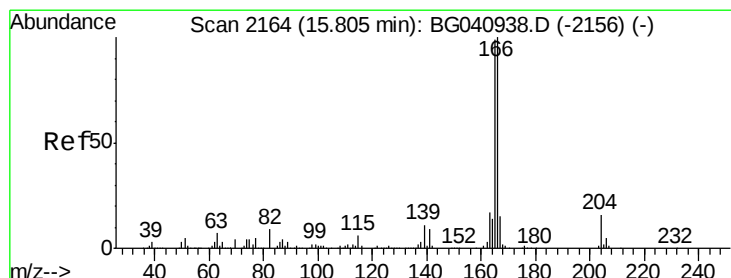
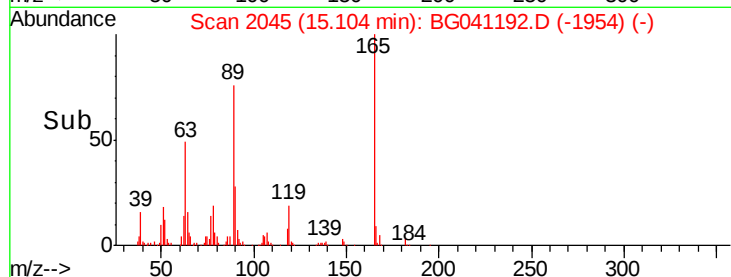
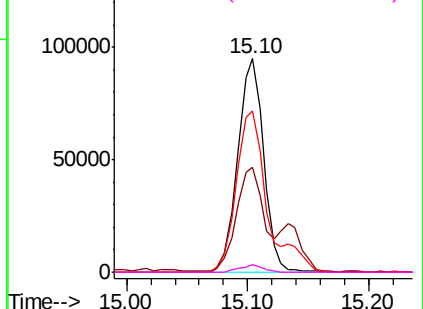
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

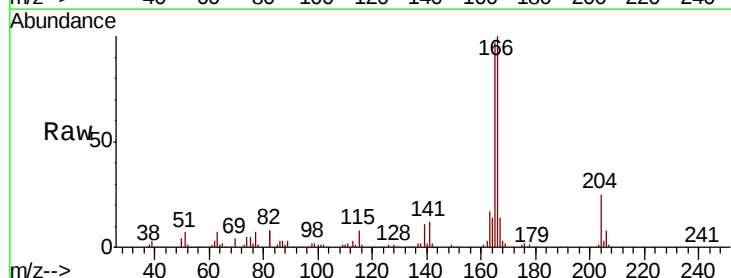
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.370 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.2	118.8
167	14.4	11.8	17.6

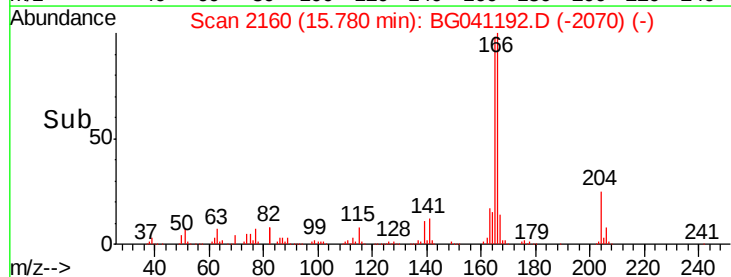
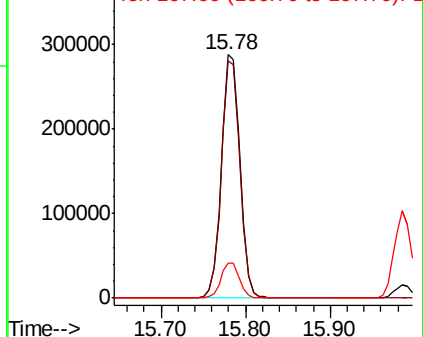


Abundance

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

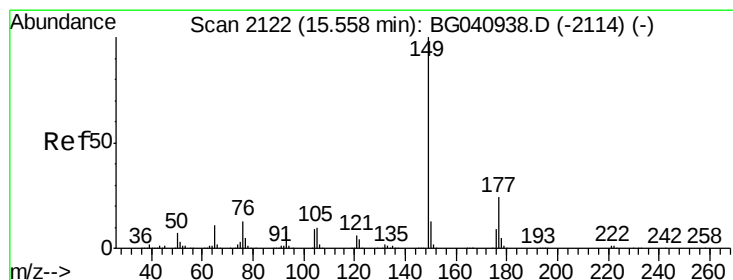
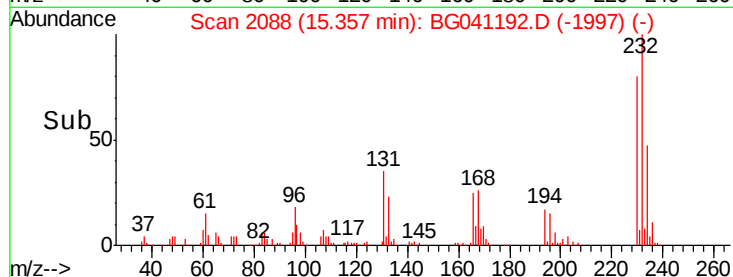
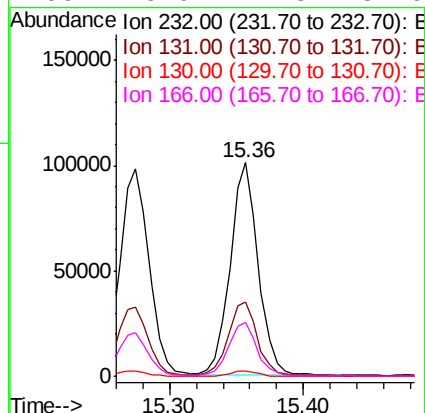
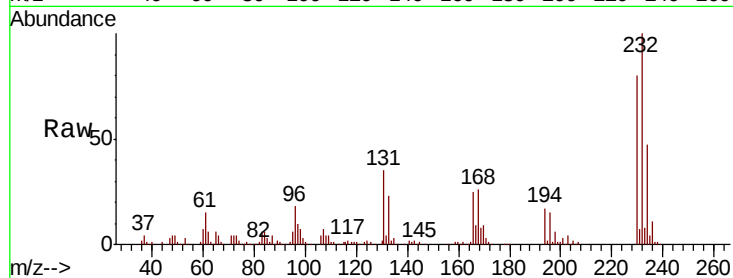




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.103 ng
RT: 15.36 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

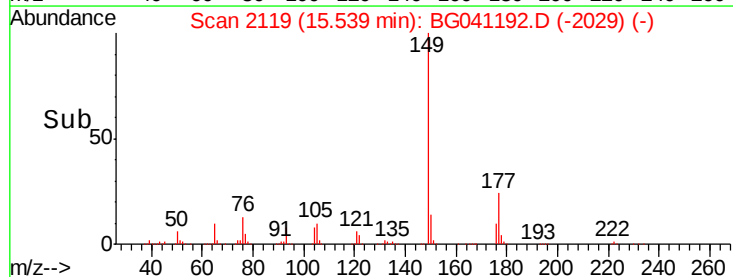
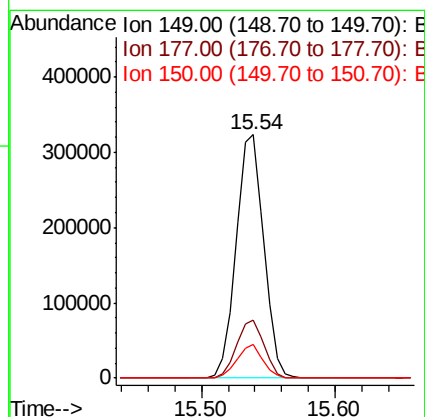
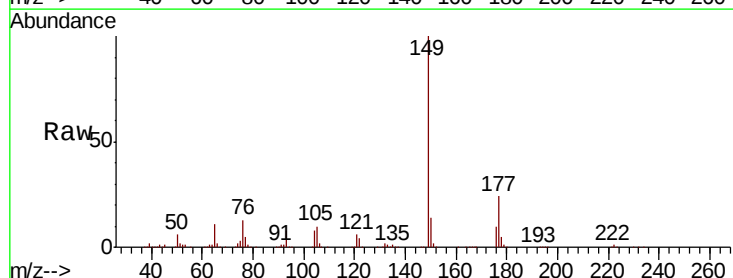
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.3	30.3	45.5
130	2.5	1.8	2.8
166	25.9	21.3	31.9



#60
Diethylphthalate
Concen: 38.422 ng
RT: 15.54 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.4	29.0
150	13.9	10.3	15.5

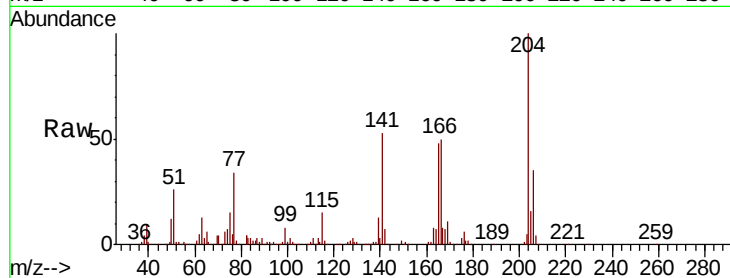




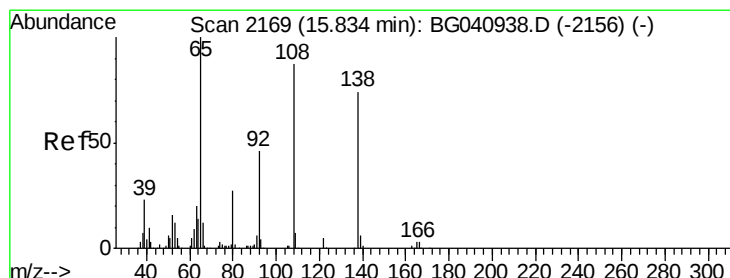
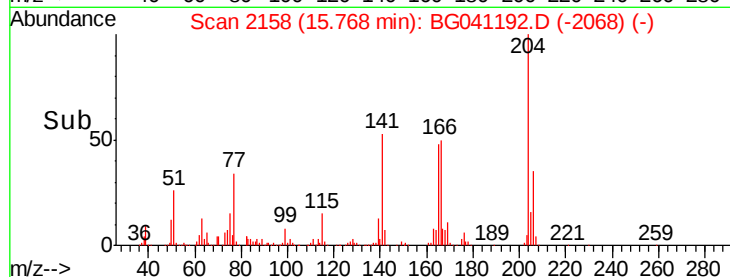
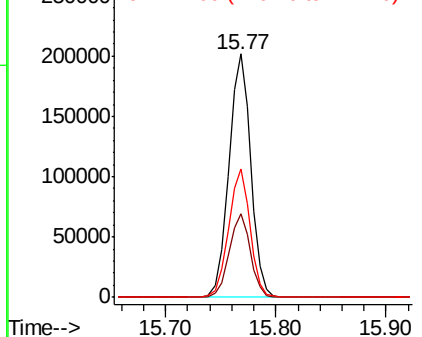
#61
4-Chlorophenyl-phenylether
Concen: 39.526 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 279171
Ion Ratio Lower Upper
204 100
206 34.6 27.6 41.4
141 52.9 45.1 67.7

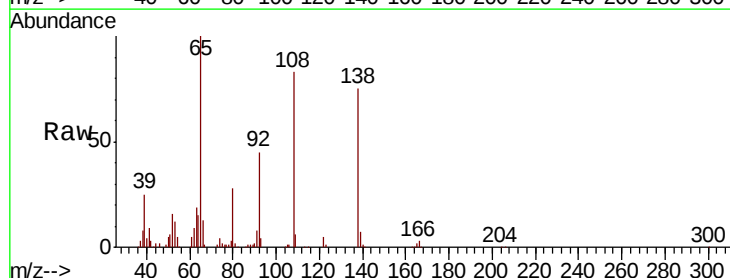


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

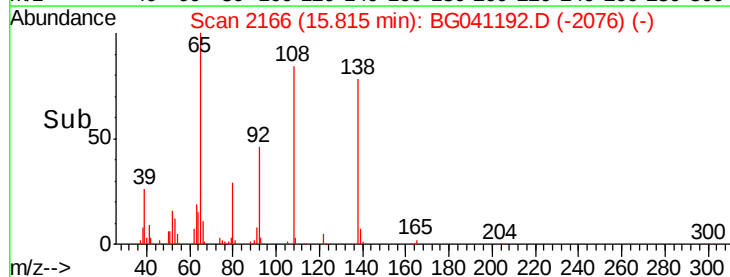
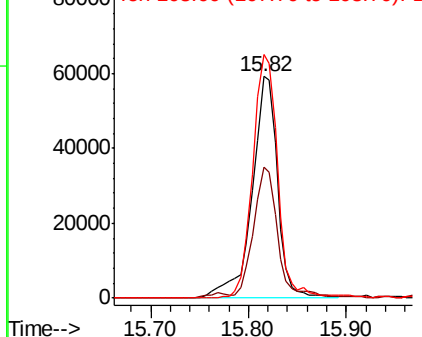


#62
4-Nitroaniline
Concen: 39.914 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion:138 Resp: 107934
Ion Ratio Lower Upper
138 100
92 59.3 42.4 82.4
108 109.9 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

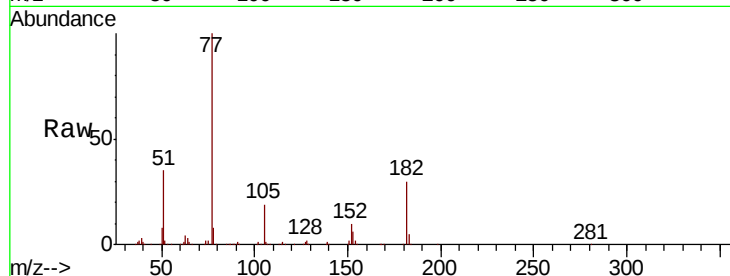




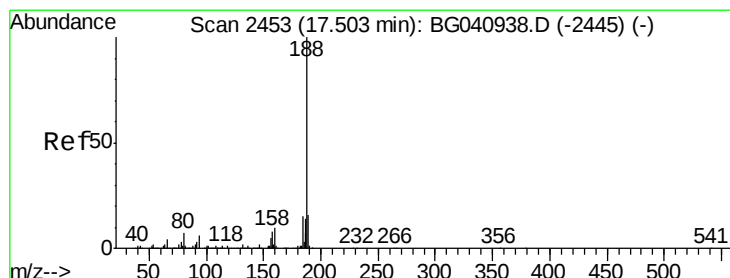
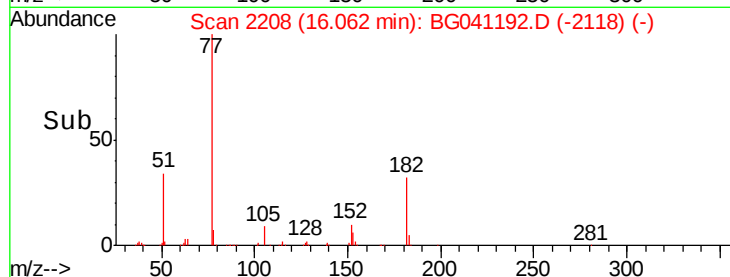
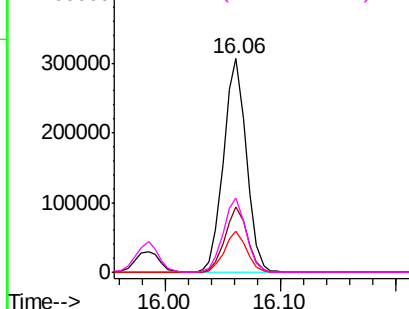
#63
Azobenzene
Concen: 38.104 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.3	9.6	49.6
105	19.0	0.0	37.5
51	34.8	13.7	53.7

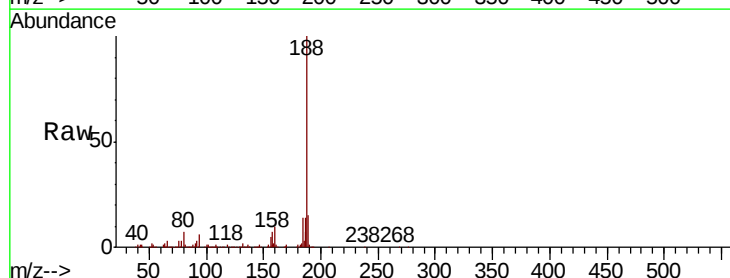


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

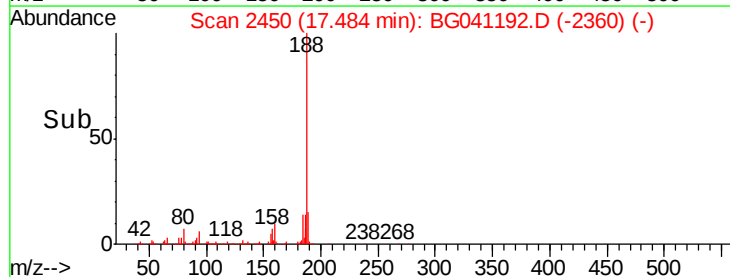
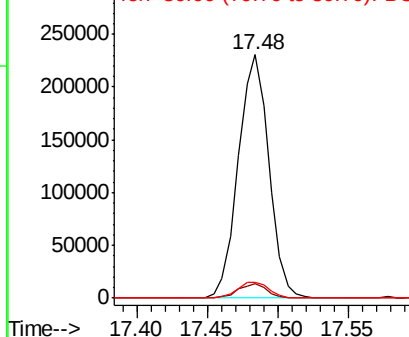


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.6	5.8	8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.744 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

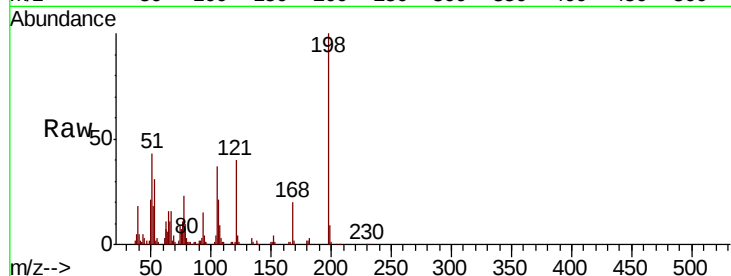
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 77899

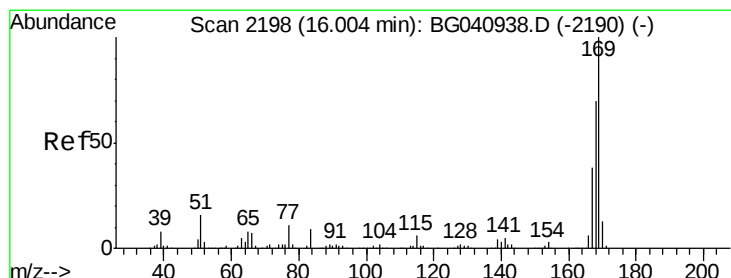
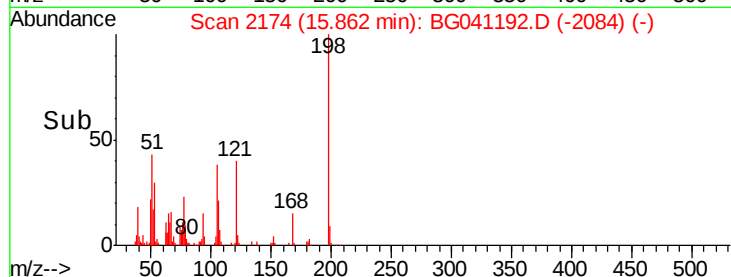
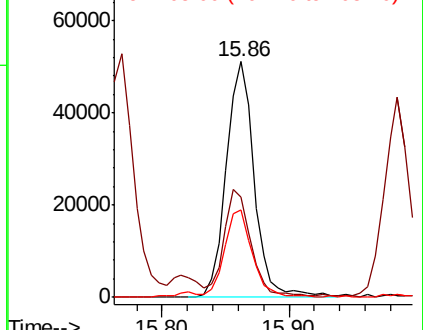
Ion	Ratio	Lower	Upper
198	100		
51	42.5	21.6	61.6
105	37.1	17.5	57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.324 ng

RT: 15.99 min Scan# 2195

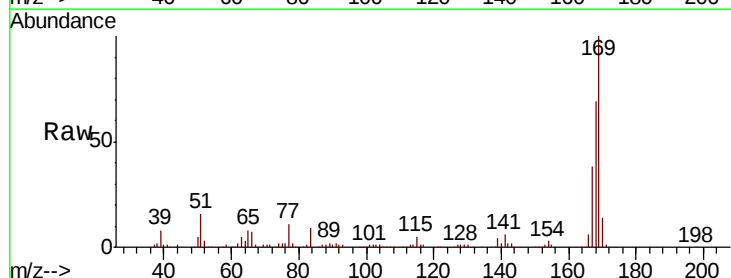
Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Tgt Ion:169 Resp: 386324

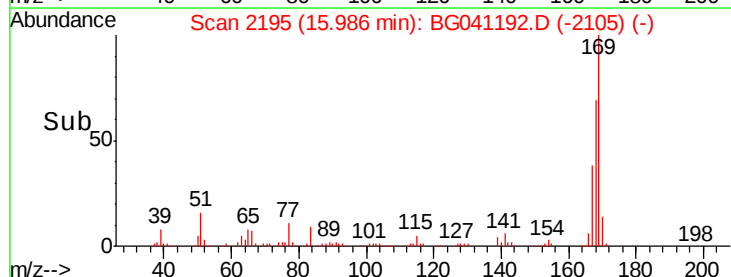
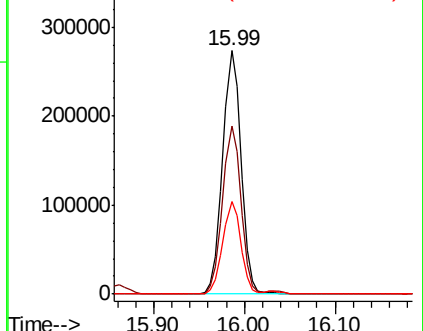
Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	38.0	30.2	45.2

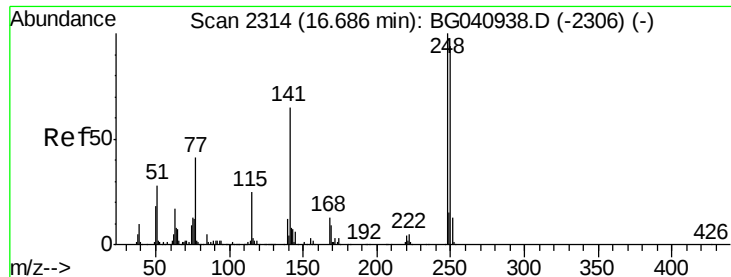


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

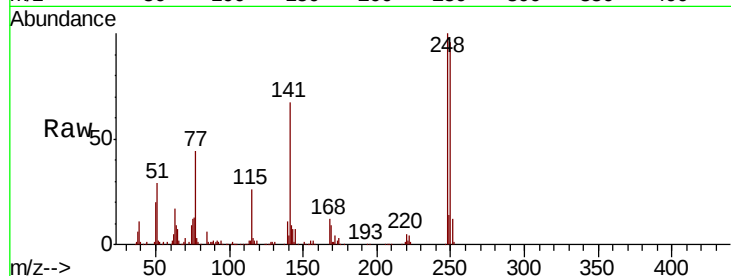




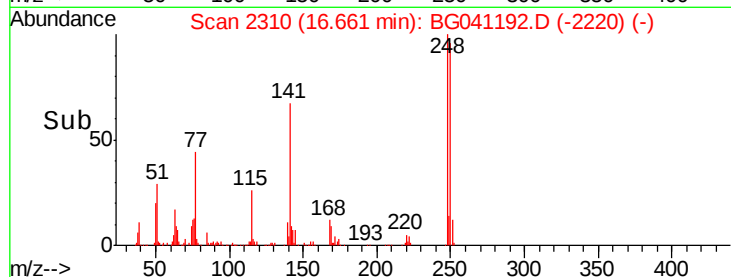
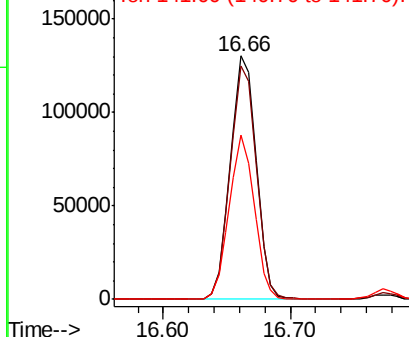
#67
4-Bromophenyl-phenylether
Concen: 38.990 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 183887
Ion Ratio Lower Upper
248 100
250 95.7 75.0 112.4
141 67.3 52.4 78.6

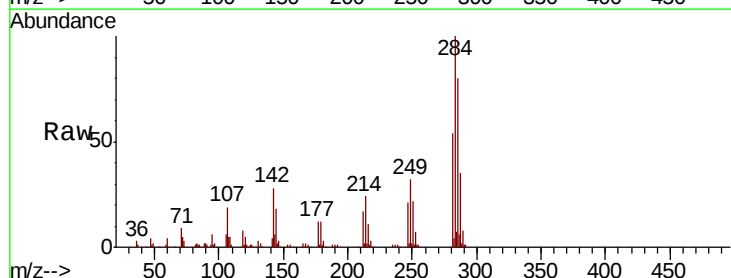


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

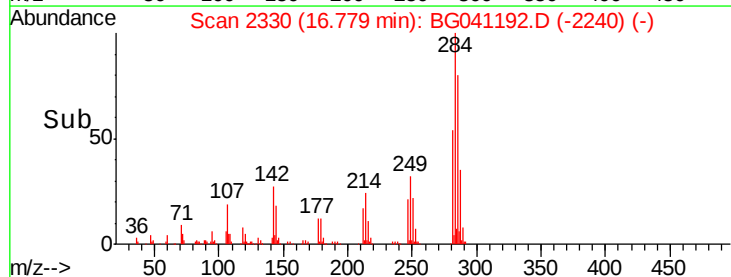
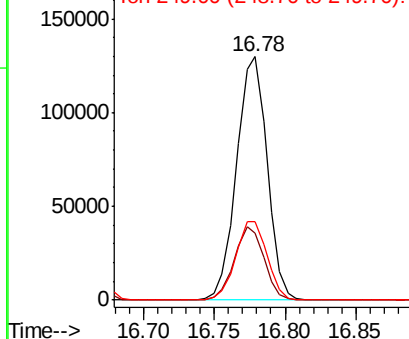


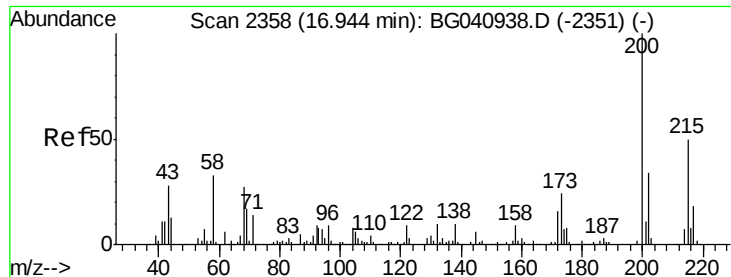
#68
Hexachlorobenzene
Concen: 38.997 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion:284 Resp: 195843
Ion Ratio Lower Upper
284 100
142 27.6 23.9 35.9
249 32.5 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

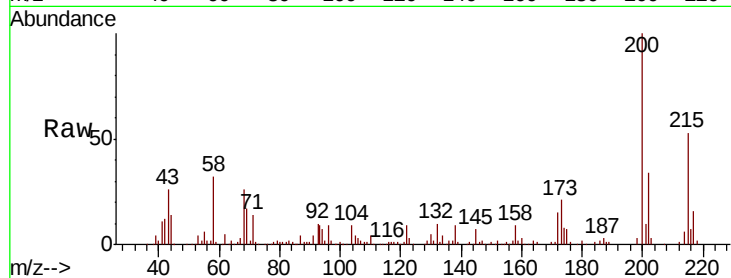




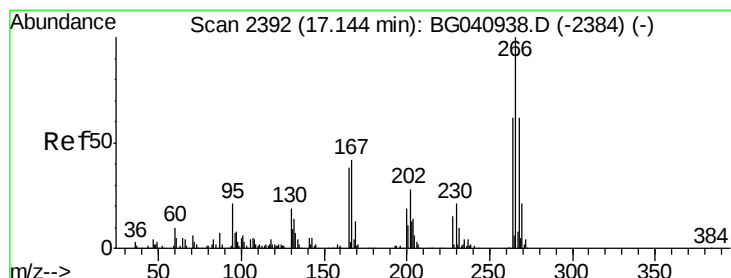
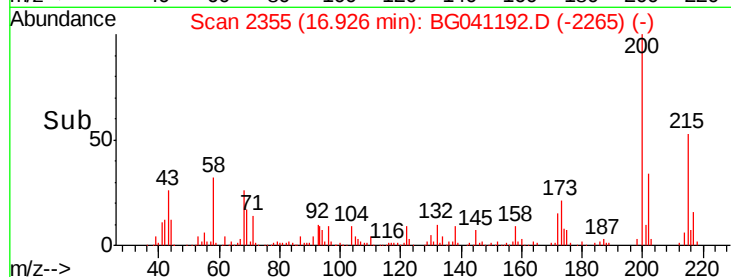
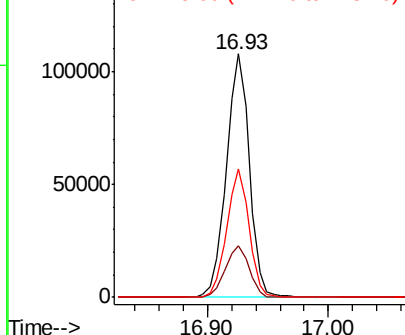
#69
 Atrazine
 Concen: 37.505 ng
 RT: 16.93 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.0	3.6	43.6
215	52.7	29.6	69.6

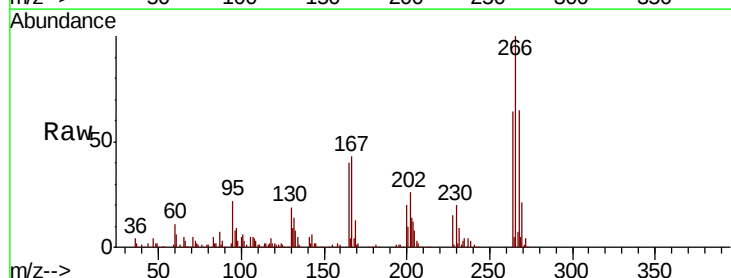


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

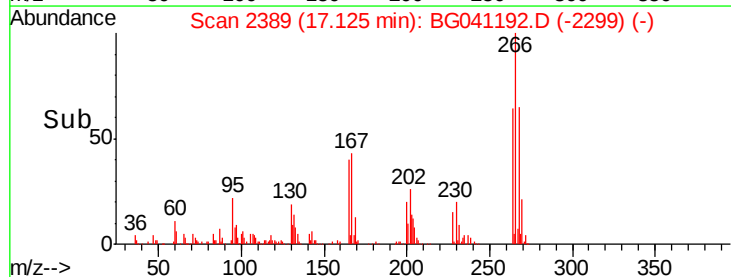
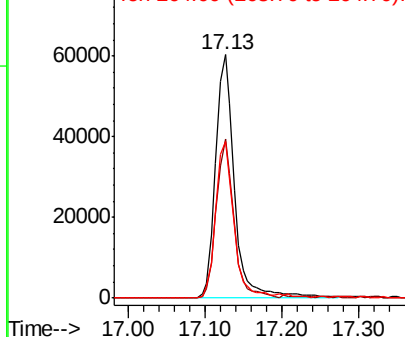


#70
 Pentachlorophenol
 Concen: 40.186 ng
 RT: 17.13 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	53.1	79.7
264	64.2	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

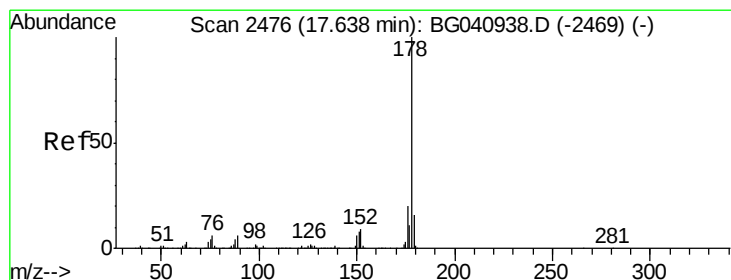
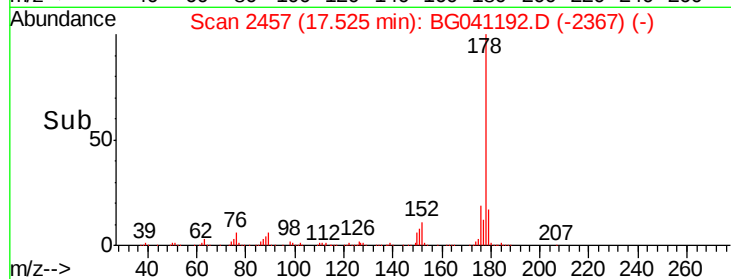
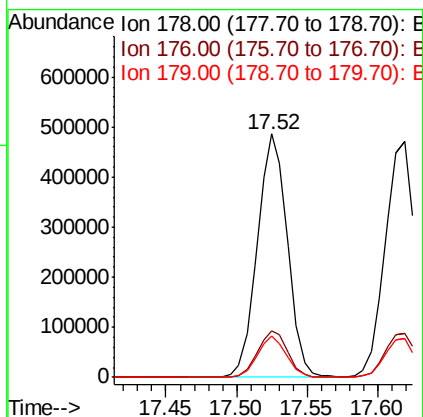
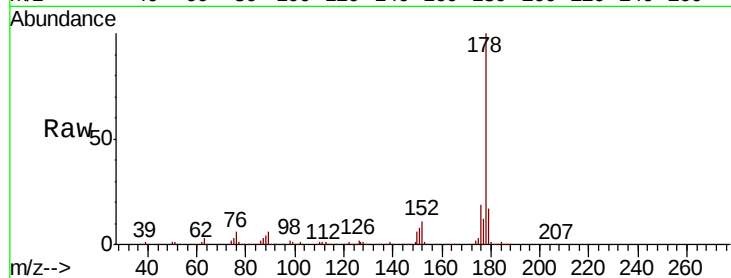




#71
Phenanthrene
Concen: 39.915 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

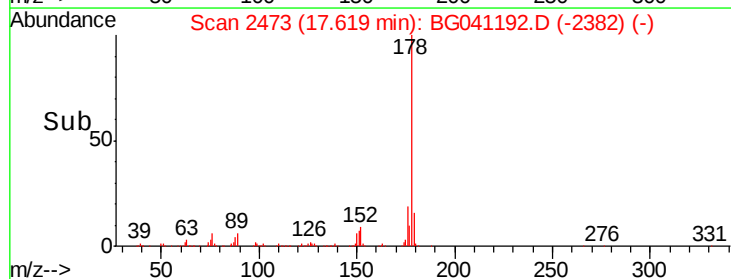
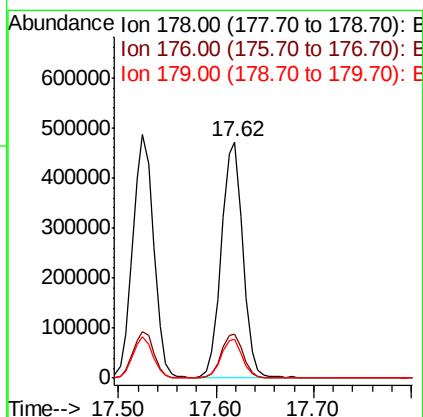
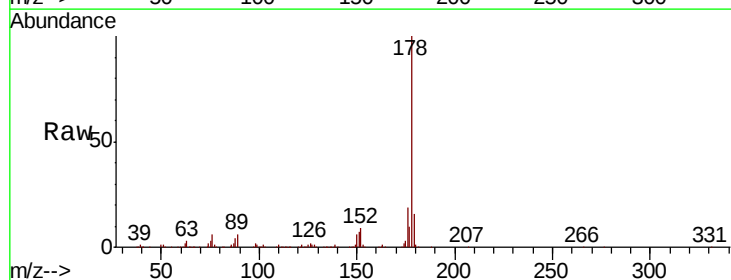
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 726595
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 17.0 12.7 19.1



#72
Anthracene
Concen: 40.062 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion:178 Resp: 719246
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 16.2 13.0 19.4

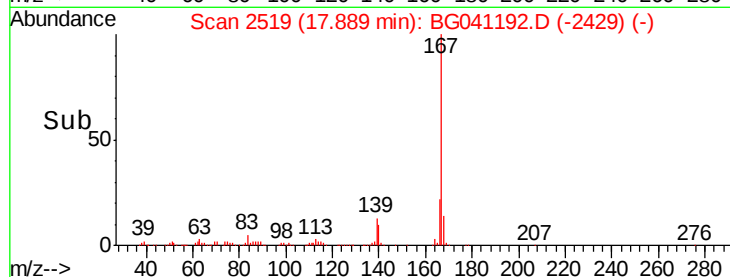
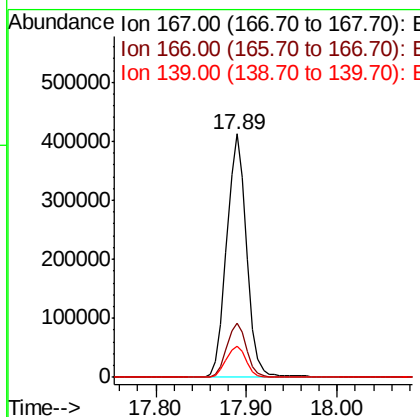
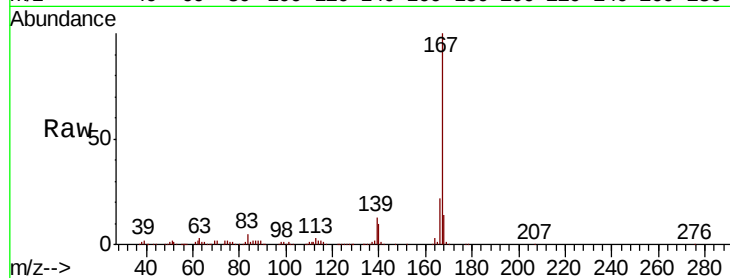




#73
 Carbazole
 Concen: 40.889 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

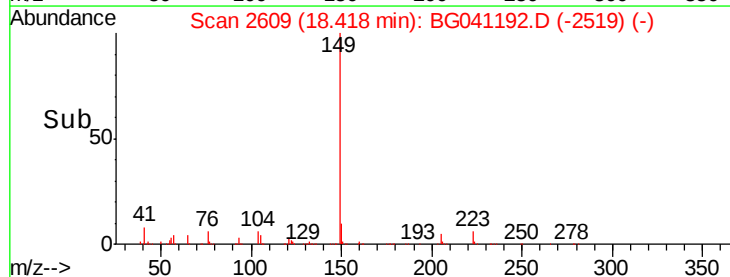
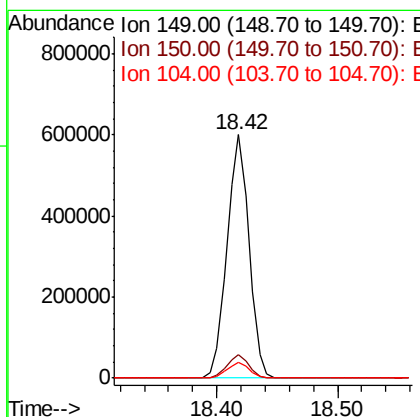
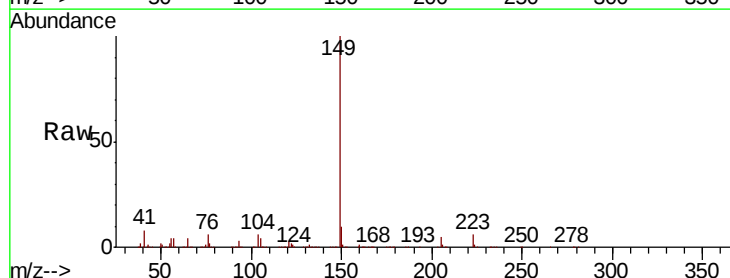
Instrument :
 BNA_G
 ClientSampled :

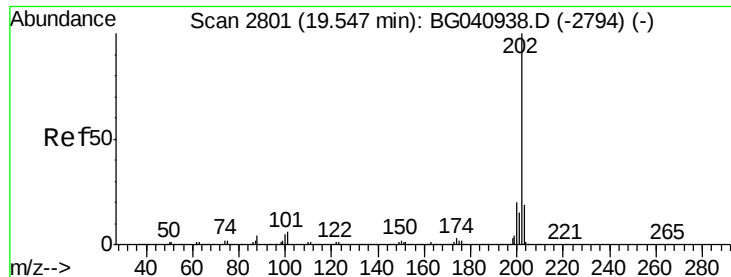
Tot Ion:167 Resp: 629891
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 13.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.557 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041192.D
 Acq: 11 Jun 2019 16:43

Tgt Ion:149 Resp: 757359
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.2
 104 6.4 5.0 7.4





#75

Fluoranthene

Concen: 41.919 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

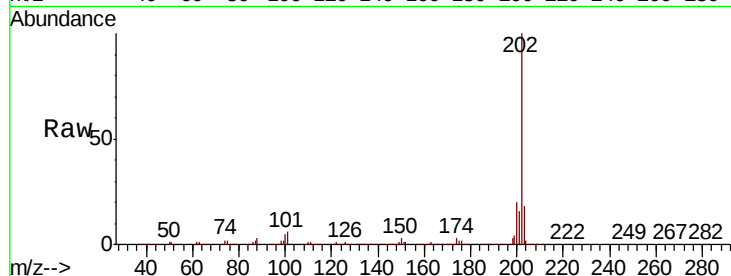
Tot Ion:202 Resp: 942508

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.2

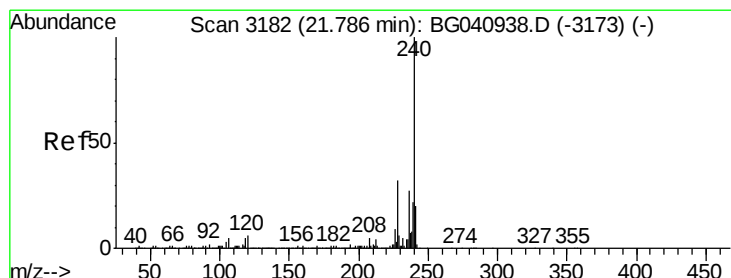
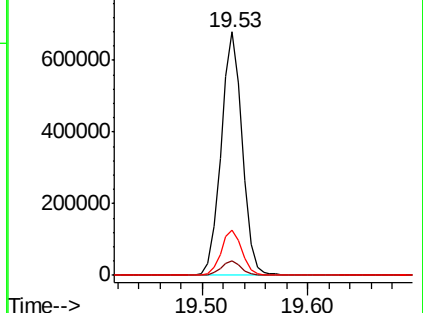
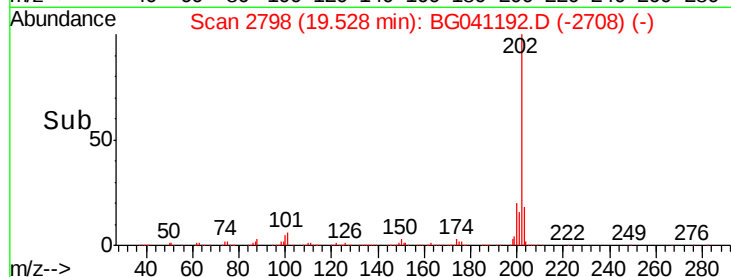
203 18.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

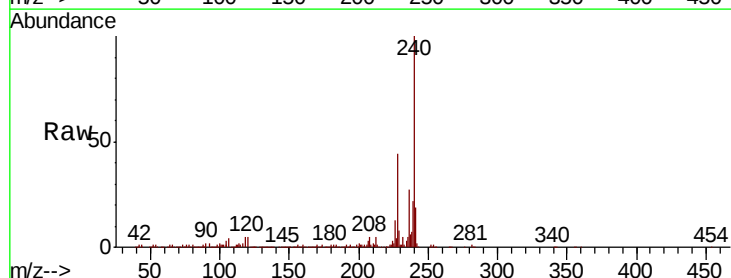
Tgt Ion:240 Resp: 345078

Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

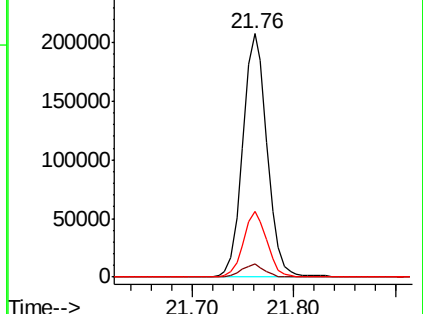
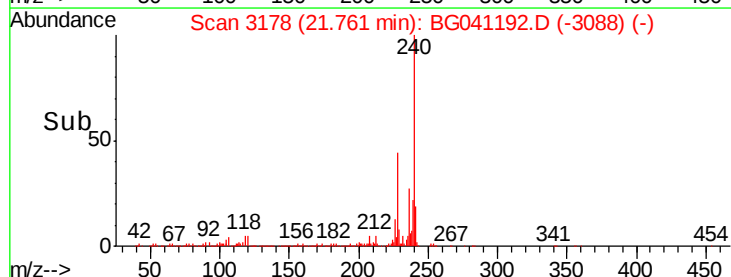
236 27.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.912 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

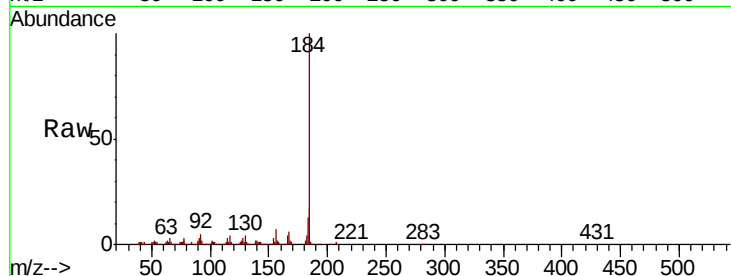
Tot Ion:184 Resp: 279158

Ion Ratio Lower Upper

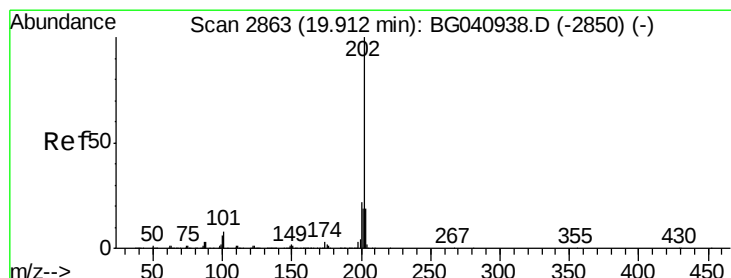
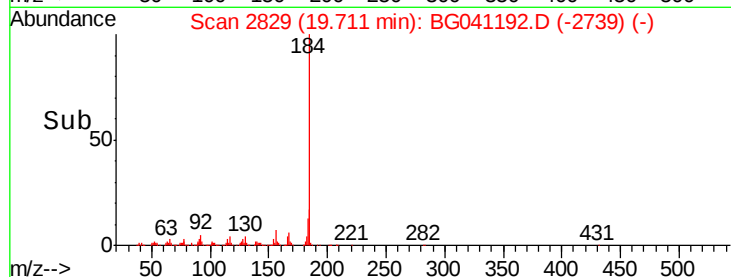
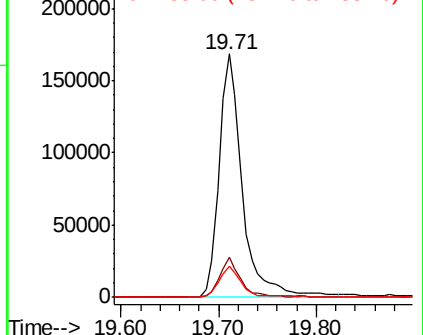
184 100

185 16.6 13.3 19.9

183 12.7 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: 41.787 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

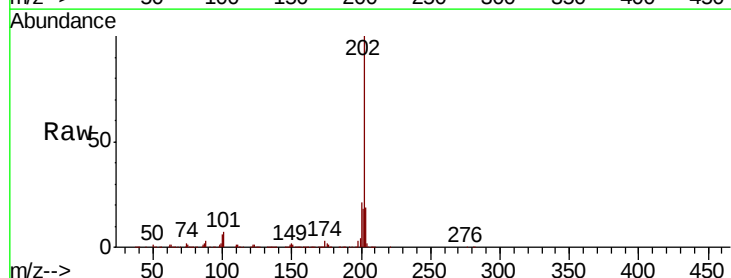
Tgt Ion:202 Resp: 937373

Ion Ratio Lower Upper

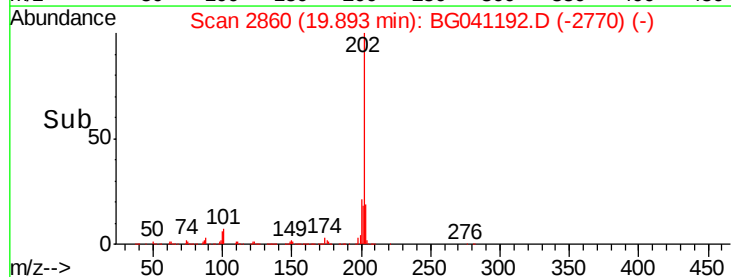
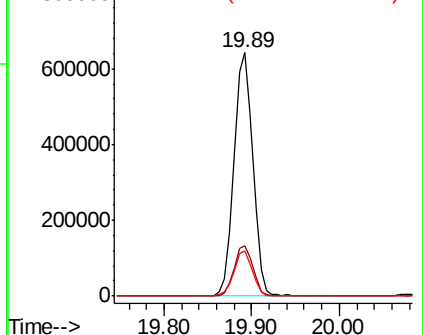
202 100

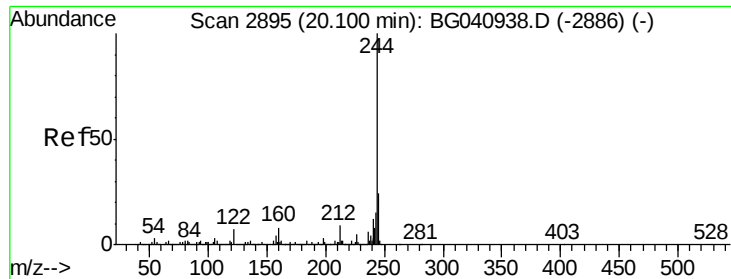
200 20.9 17.5 26.3

203 18.5 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: 84.947 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampled :

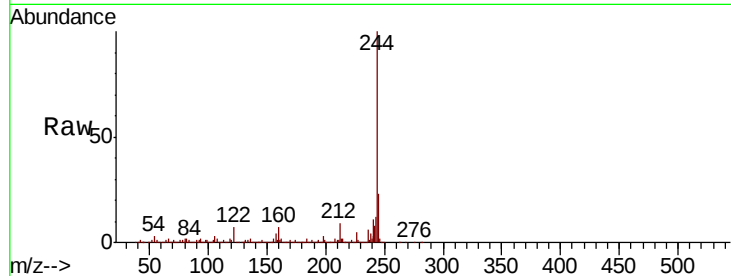
Tot Ion:244 Resp: 1381172

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

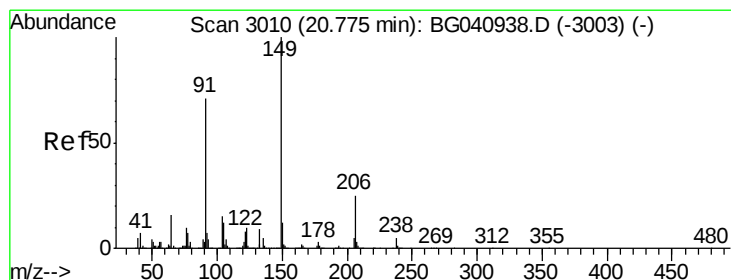
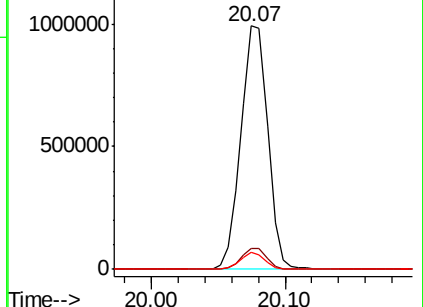
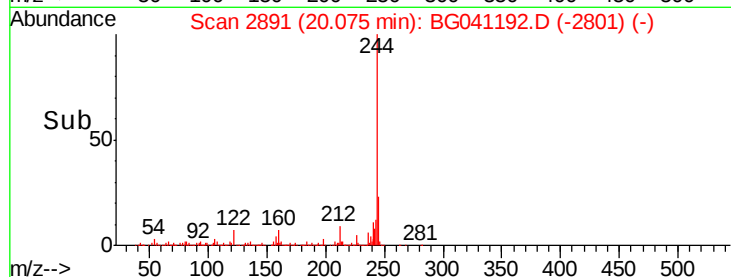
122 6.8 5.4 8.0



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: 40.618 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

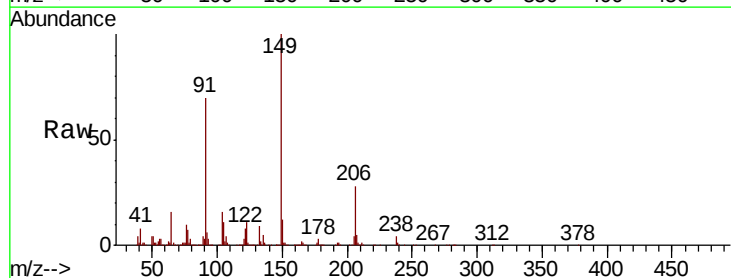
Tgt Ion:149 Resp: 354582

Ion Ratio Lower Upper

149 100

91 70.0 56.5 84.7

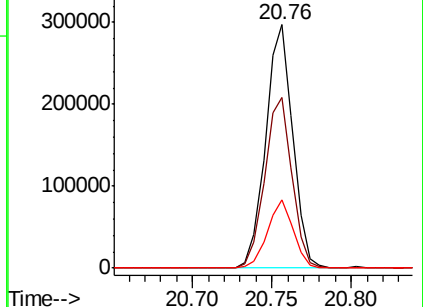
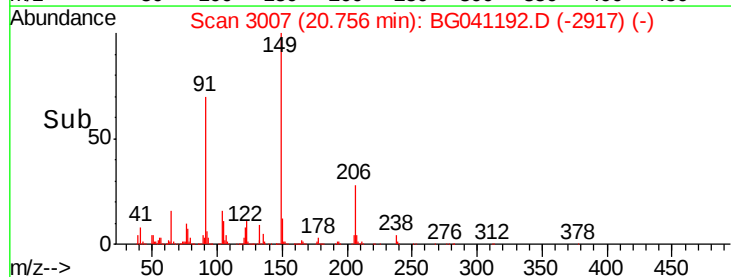
206 27.9 20.3 30.5

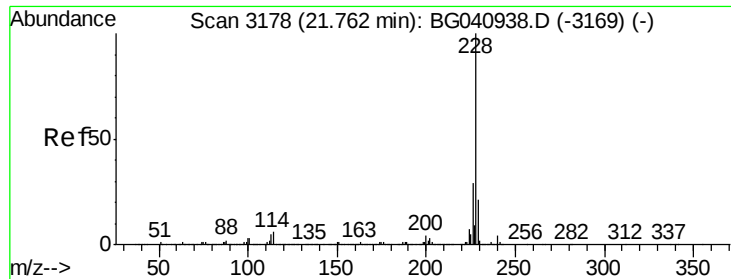


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

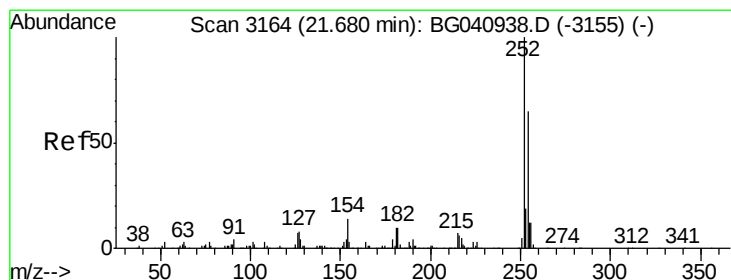
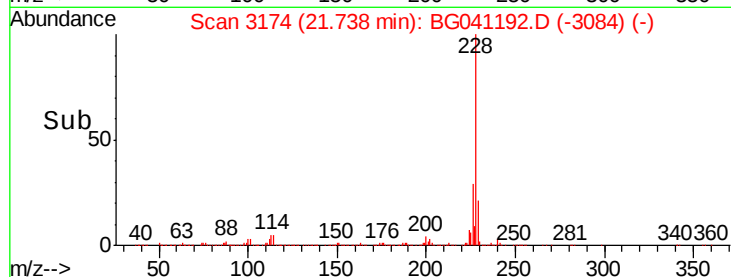
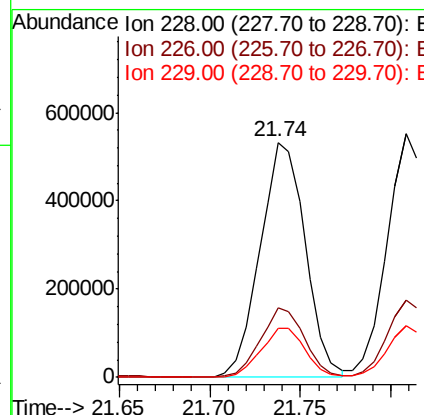
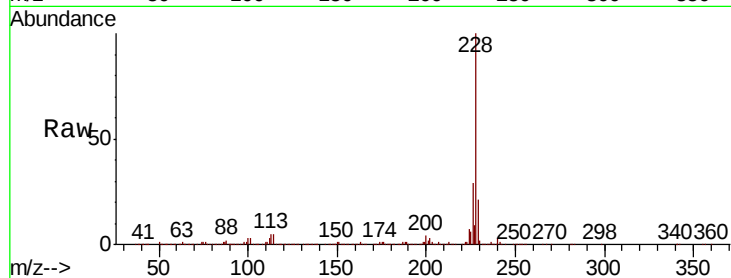




#81
Benzo(a)anthracene
Concen: 40.053 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

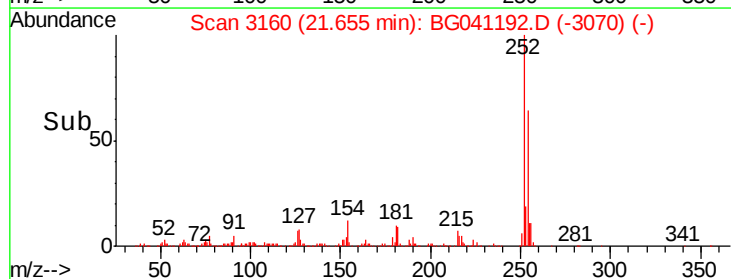
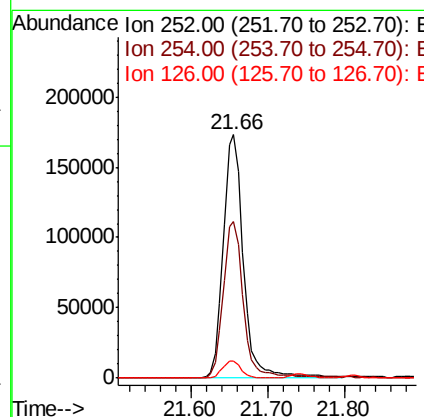
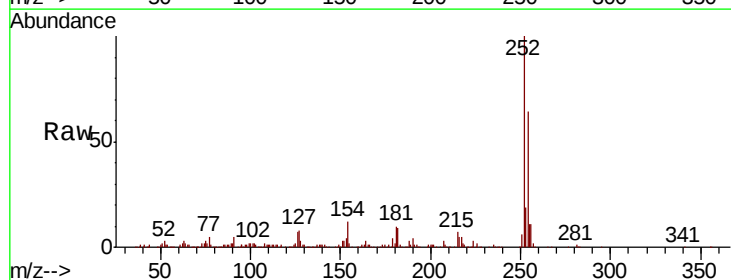
Instrument :
BNA_G
ClientSampleId :

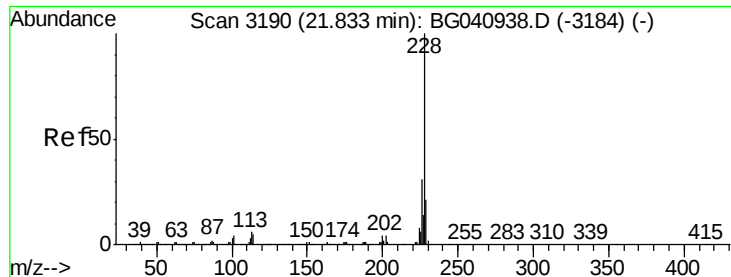
Tot Ion:228 Resp: 920043
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 20.8 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 39.070 ng
RT: 21.66 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG041192.D
Acq: 11 Jun 2019 16:43

Tgt Ion:252 Resp: 315656
Ion Ratio Lower Upper
252 100
254 64.4 52.1 78.1
126 6.8 5.5 8.3





#83

Chrysene

Concen: 40.564 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

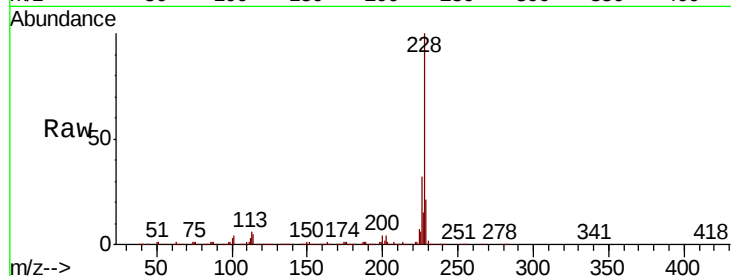
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 891666

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	20.9	16.6	24.8

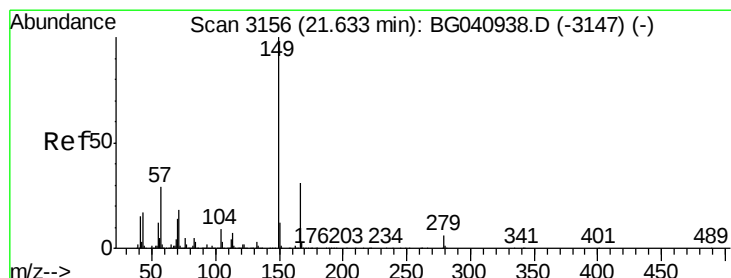
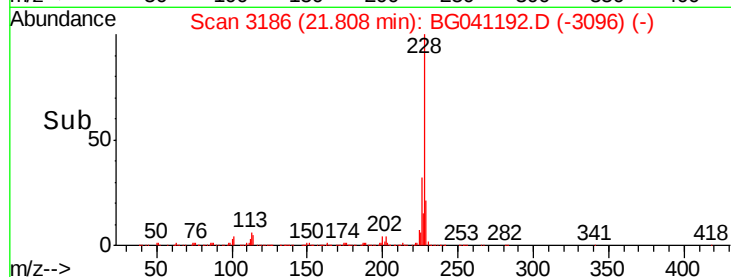
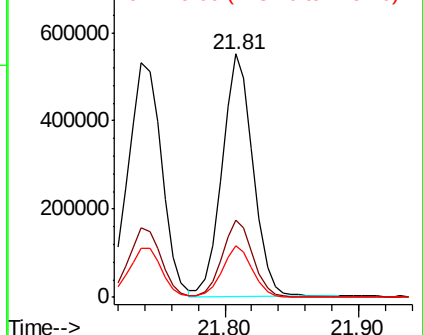


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.127 ng

RT: 21.61 min Scan# 3152

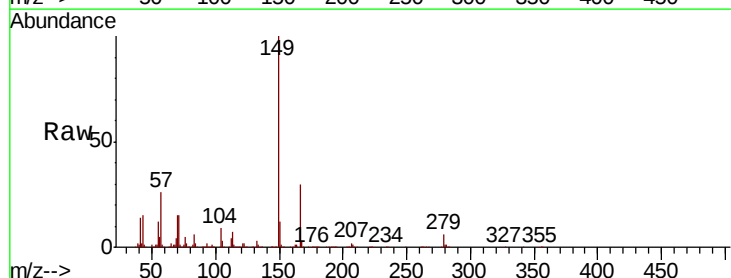
Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Tgt Ion:149 Resp: 493121

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.6	37.0
279	6.5	5.0	7.6

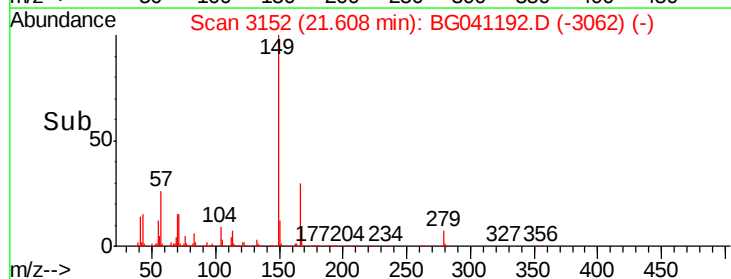
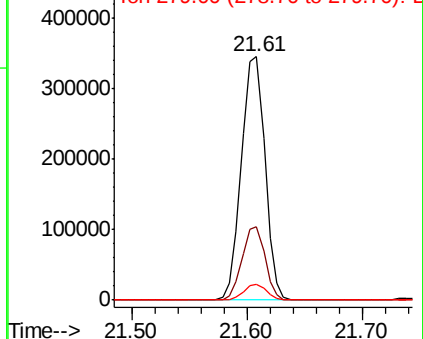


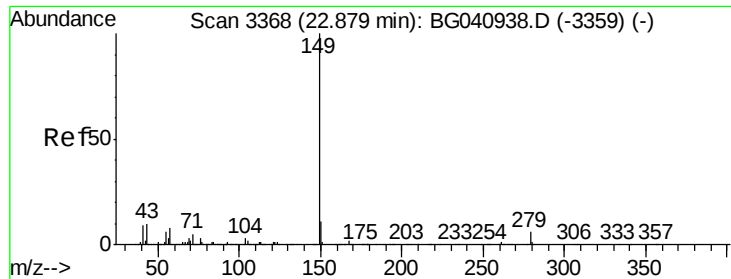
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.997 ng

RT: 22.85 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

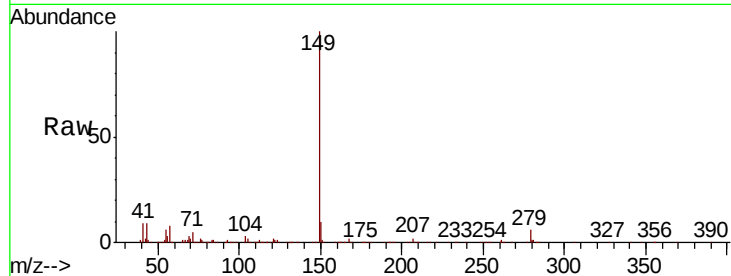
Tot Ion:149 Resp: 818597

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

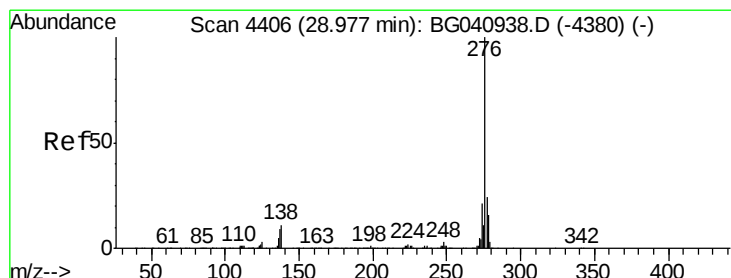
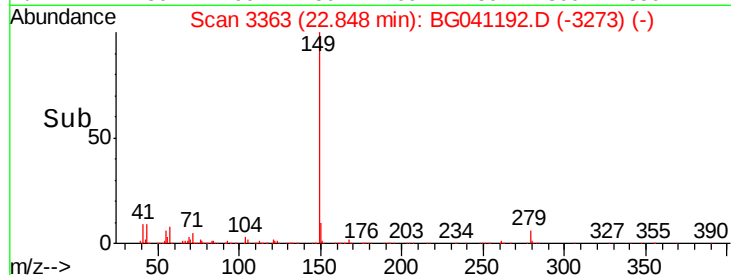
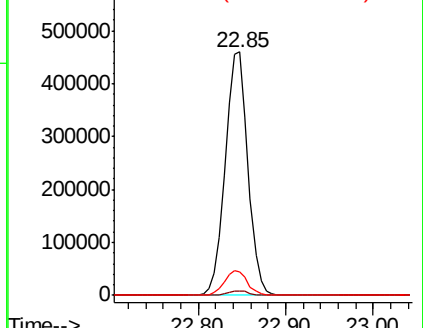
43 10.1 8.1 12.1



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: 29.873 ng

RT: 28.92 min Scan# 4397

Delta R.T. 0.02 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

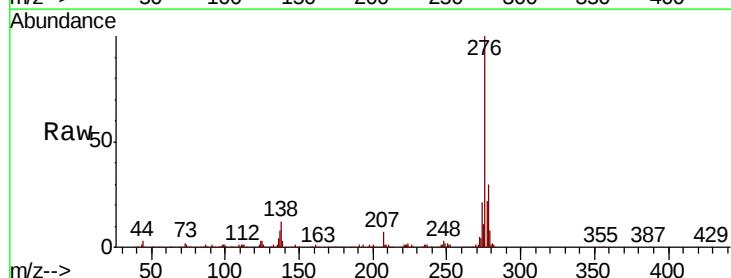
Tgt Ion:276 Resp: 804401

Ion Ratio Lower Upper

276 100

138 0.0 5.7 8.5#

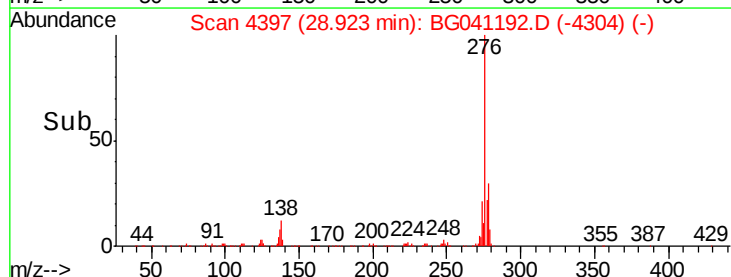
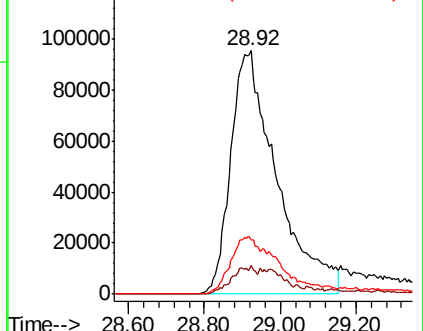
277 24.4 20.8 31.2

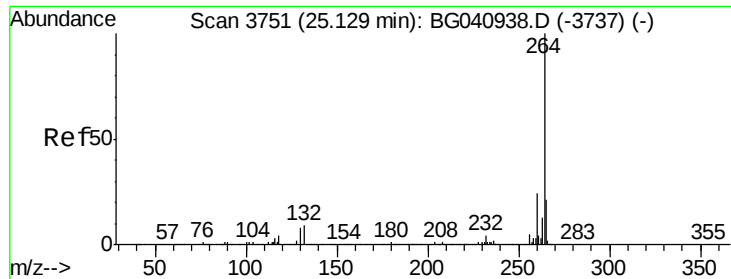


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

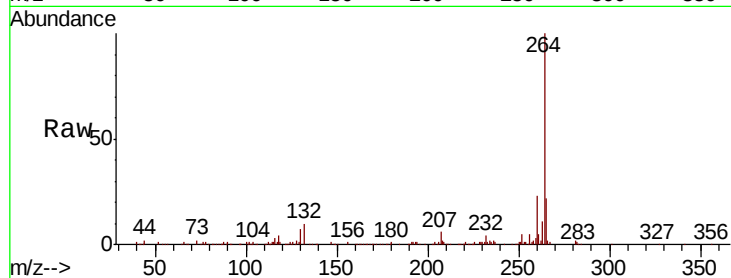
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 336640

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	21.7	17.0	25.4

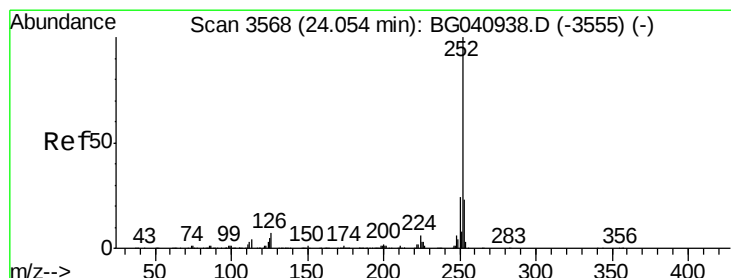
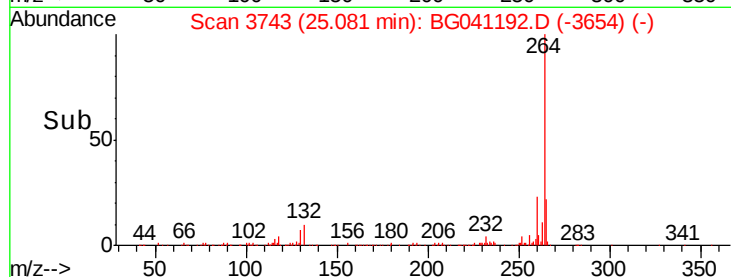
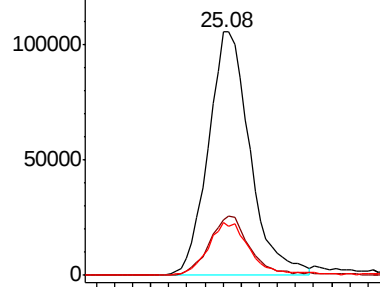


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.095 ng

RT: 24.02 min Scan# 3563

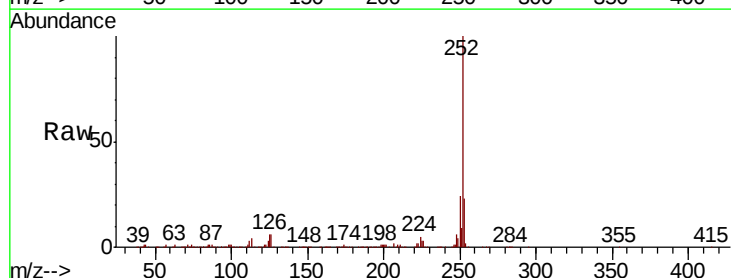
Delta R.T. 0.01 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Tgt Ion:252 Resp: 859516

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	5.6	4.3	6.5

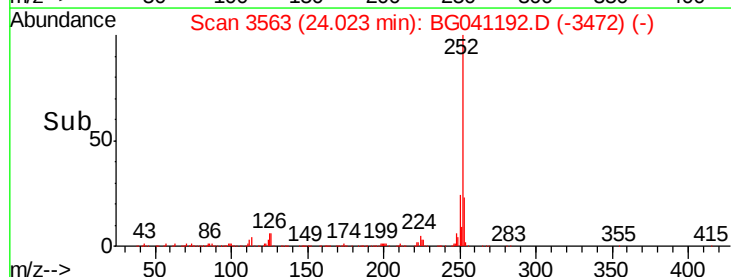
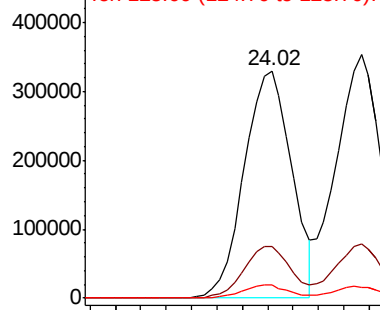


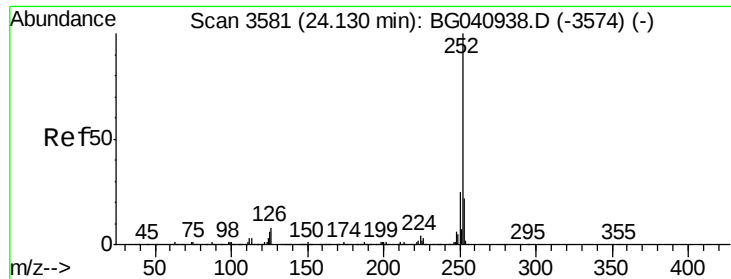
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.539 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.07 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

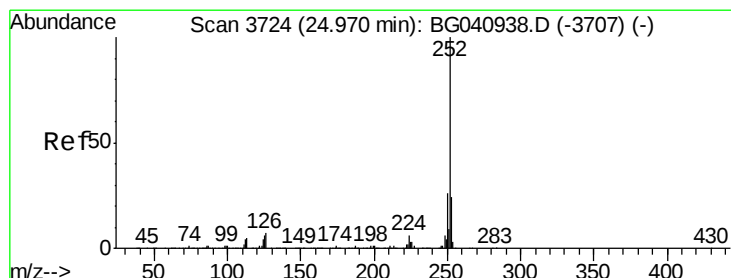
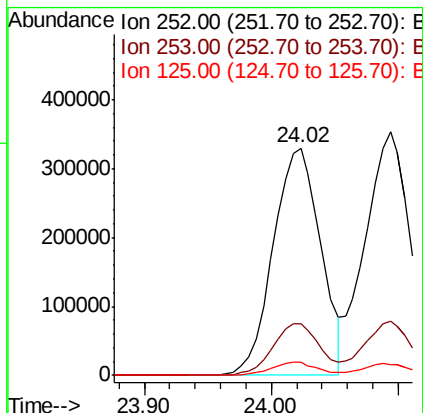
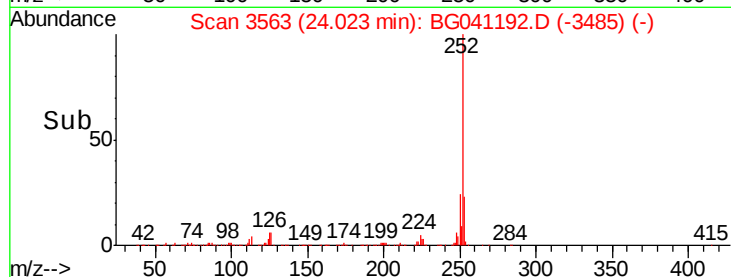
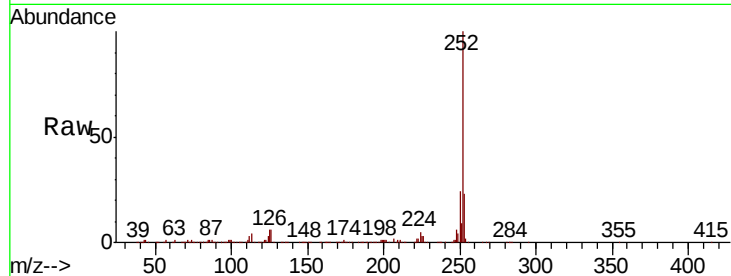
Tot Ion:252 Resp: 859516

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 5.6 4.7 7.1



#90

Benzo(a)pyrene

Concen: 42.648 ng

RT: 24.93 min Scan# 3718

Delta R.T. 0.01 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

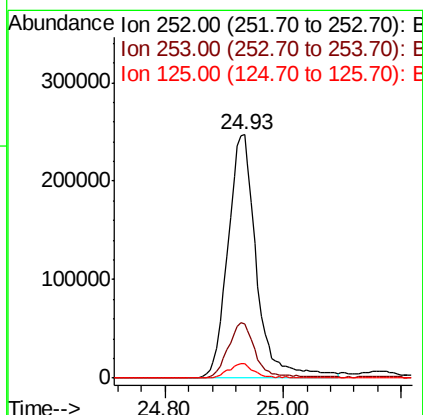
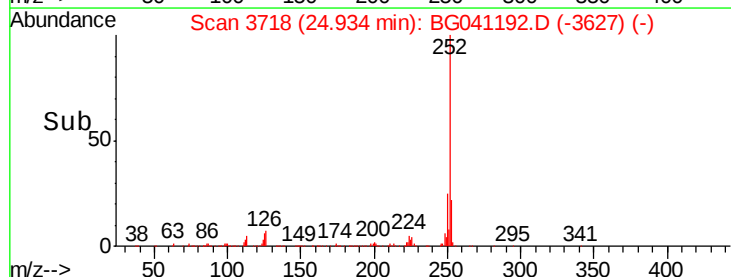
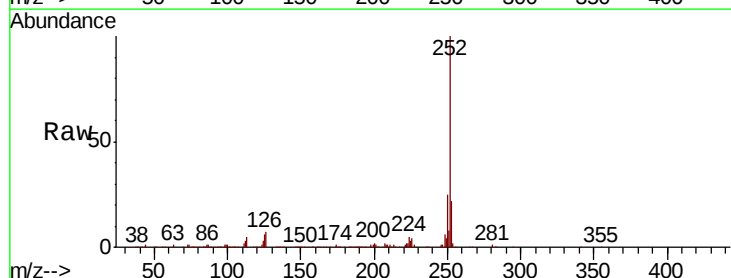
Tgt Ion:252 Resp: 830798

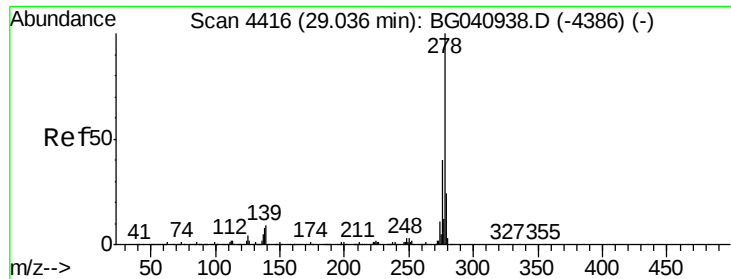
Ion Ratio Lower Upper

252 100

253 22.2 19.5 29.3

125 5.9 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 34.394 ng

RT: 28.98 min Scan# 4407

Delta R.T. 0.02 min

Lab File: BG041192.D

Acq: 11 Jun 2019 16:43

Instrument :

BNA_G

ClientSampleId :

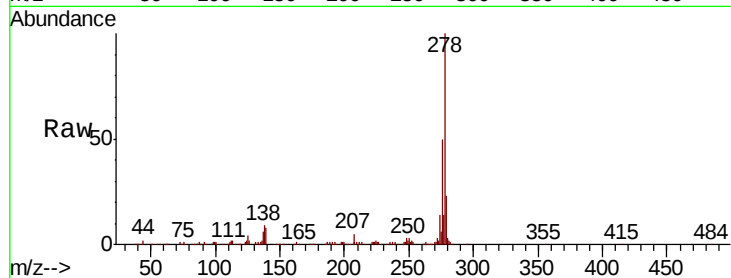
Tot Ion:278 Resp: 669489

Ion Ratio Lower Upper

278 100

139 8.1 7.1 10.7

279 23.0 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

