

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
 Data File : BG042912.D
 Acq On : 21 Sep 2019 15:43
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

Quant Time: Sep 23 06:47:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 23 06:01:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	69041	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	267817	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	196987	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	473135	20.00	ng	0.00
76) Chrysene-d12	21.71	240	498551	20.00	ng	0.00
87) Perylene-d12	24.95	264	557492	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	304304	76.42	ng	0.00
7) Phenol-d6	7.25	99	439021	76.37	ng	0.00
23) Nitrobenzene-d5	9.25	82	447013	81.42	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	254914	82.06	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1068246	79.56	ng	0.00
79) Terphenyl-d14	20.05	244	1937535	79.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	60833	36.759	ng	97
3) Pyridine	3.97	79	181270	37.630	ng	96
4) n-Nitrosodimethylamine	3.88	42	81636	36.562	ng	98
6) Aniline	7.41	93	264300	37.701	ng	94
8) 2-Chlorophenol	7.65	128	153999	37.767	ng	94
9) Benzaldehyde	7.22	77	154151	43.078	ng	99
10) Phenol	7.28	94	203566	37.988	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	154811	37.058	ng	99
12) 1,3-Dichlorobenzene	7.97	146	195349	37.954	ng	98
13) 1,4-Dichlorobenzene	8.12	146	194433	37.574	ng	98
14) 1,2-Dichlorobenzene	8.44	146	187253	38.125	ng	95
15) Benzyl Alcohol	8.32	79	163460	37.813	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	306571	37.767	ng	99
17) 2-Methylphenol	8.53	107	138130	37.321	ng	96
18) Hexachloroethane	9.17	117	74163	39.115	ng	94
19) n-Nitroso-di-n-propylamine	8.89	70	147160	38.379	ng	97
20) 3+4-Methylphenols	8.86	107	195697	38.507	ng	99
22) Acetophenone	8.90	105	300075	42.947	ng	# 98
24) Nitrobenzene	9.29	77	213254	40.094	ng	97
25) Isophorone	9.81	82	399762	40.756	ng	98
26) 2-Nitrophenol	10.00	139	92335	42.109	ng	96
27) 2,4-Dimethylphenol	10.06	122	138597	40.465	ng	96
28) bis(2-Chloroethoxy)methane	10.29	93	226191	39.958	ng	99
29) 2,4-Dichlorophenol	10.54	162	167463	40.134	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	213183	39.963	ng	100
31) Naphthalene	10.94	128	522873	39.940	ng	99
32) Benzoic acid	10.20	122	127437	45.419	ng	96
33) 4-Chloroaniline	11.04	127	232026	39.799	ng	98
34) Hexachlorobutadiene	11.23	225	156769	40.721	ng	99
35) Caprolactam	11.83	113	63991	42.516	ng	89
36) 4-Chloro-3-methylphenol	12.17	107	189749	41.068	ng	99
37) 2-Methylnaphthalene	12.54	142	402197	40.397	ng	99
38) 1-Methylnaphthalene	12.75	142	379598	40.356	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	321904	44.150	ng	100

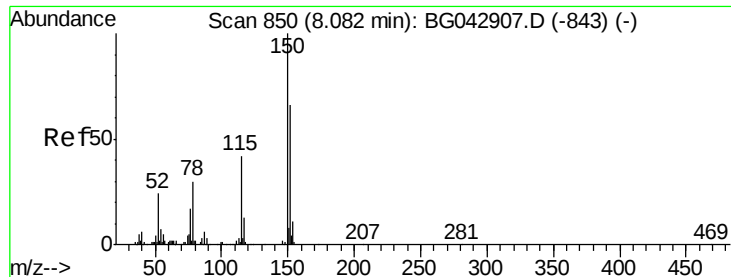
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	170830	38.219	ng	92
43) 2,4,6-Trichlorophenol	13.14	196	166199	38.964	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	175216	39.799	ng	94
46) 1,1'-Biphenyl	13.53	154	644219	42.908	ng	99
47) 2-Chloronaphthalene	13.58	162	435712	38.483	ng	98
48) 2-Nitroaniline	13.78	65	151818	39.962	ng	92
49) Acenaphthylene	14.42	152	682119	39.825	ng	99
50) Dimethylphthalate	14.16	163	585445	40.613	ng	99
51) 2,6-Dinitrotoluene	14.27	165	126600	41.232	ng	91
52) Acenaphthene	14.76	154	468631	41.337	ng	100
53) 3-Nitroaniline	14.60	138	130574	40.461	ng	99
54) 2,4-Dinitrophenol	14.80	184	77349	42.756	ng	97
55) Dibenzofuran	15.10	168	662186	39.375	ng	99
56) 4-Nitrophenol	14.92	139	103212	41.991	ng	97
57) 2,4-Dinitrotoluene	15.06	165	181277	41.600	ng	95
58) Fluorene	15.74	166	562766	39.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	181869	40.399	ng	100
60) Diethylphthalate	15.51	149	594256	40.858	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	331637	39.394	ng	98
62) 4-Nitroaniline	15.77	138	143701	41.125	ng	99
63) Azobenzene	16.03	77	558151	39.935	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	102771	41.014	ng	95
66) n-Nitrosodiphenylamine	15.95	169	501772	39.454	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	226937	38.987	ng	97
68) Hexachlorobenzene	16.75	284	251892	39.226	ng	96
69) Atrazine	16.90	200	212053	40.409	ng	100
70) Pentachlorophenol	17.09	266	148893	40.336	ng	98
71) Phenanthrene	17.48	178	910902	39.637	ng	98
72) Anthracene	17.58	178	904411	39.563	ng	99
73) Carbazole	17.84	167	852416	39.997	ng	100
74) Di-n-butylphthalate	18.41	149	1012891	40.822	ng	99
75) Fluoranthene	19.49	202	1178075	40.459	ng	100
77) Benzidine	19.67	184	550787	39.798	ng	99
78) Pyrene	19.85	202	1190814	40.049	ng	100
80) Butylbenzylphthalate	20.74	149	458554	39.937	ng	97
81) Benzo(a)anthracene	21.70	228	1219139	39.706	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	483533	39.539	ng	98
83) Chrysene	21.76	228	1169509	39.390	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	639618	39.388	ng	99
85) Di-n-octyl phthalate	22.83	149	1073251	39.943	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1448614	39.134	ng	# 95
88) Benzo(b)fluoranthene	23.92	252	1249739	39.367	ng	98
89) Benzo(k)fluoranthene	23.99	252	1218536	39.732	ng	99
90) Benzo(a)pyrene	24.80	252	1182545	39.552	ng	100
91) Dibenzo(a,h)anthracene	28.70	278	1198094	39.463	ng	98
92) Benzo(g,h,i)perylene	29.79	276	1151437	39.211	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

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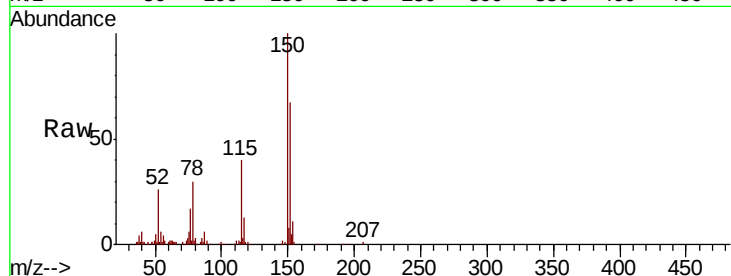
Tot Ion:152 Resp: 69041

Ion Ratio Lower Upper

152 100

150 148.5 121.4 182.2

115 60.0 50.7 76.1

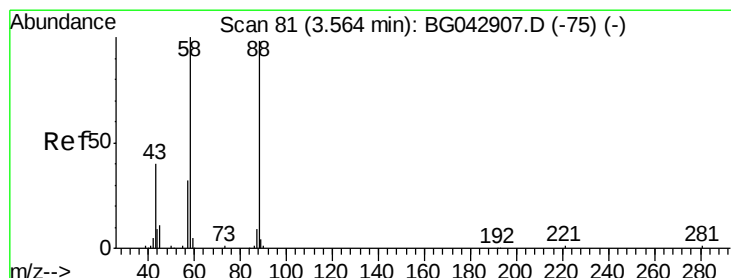
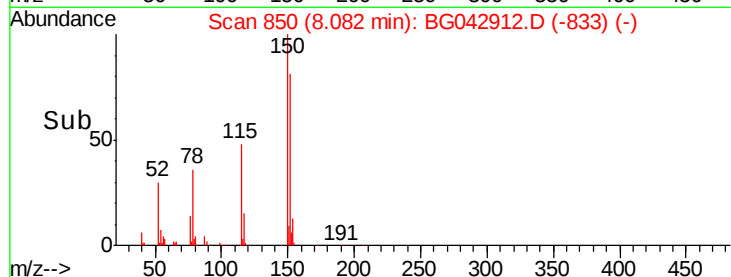
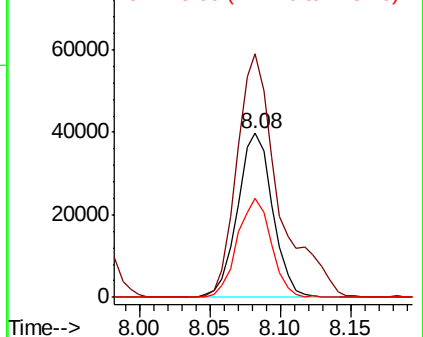


Abundance

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: 36.759 ng

RT: 3.56 min Scan# 81

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

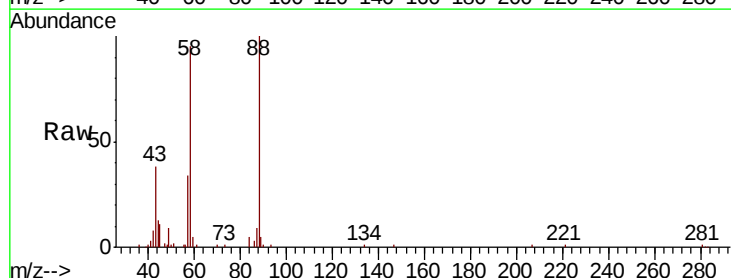
Tgt Ion: 88 Resp: 60833

Ion Ratio Lower Upper

88 100

58 93.4 76.0 114.0

43 36.0 31.3 46.9

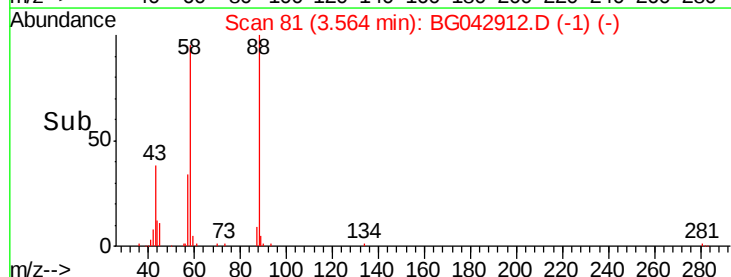
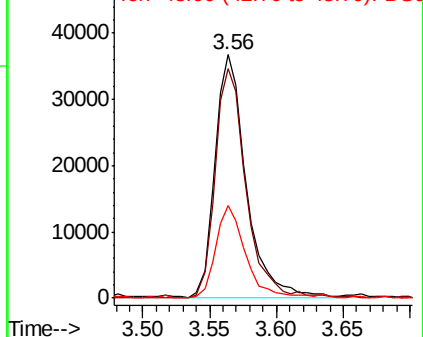


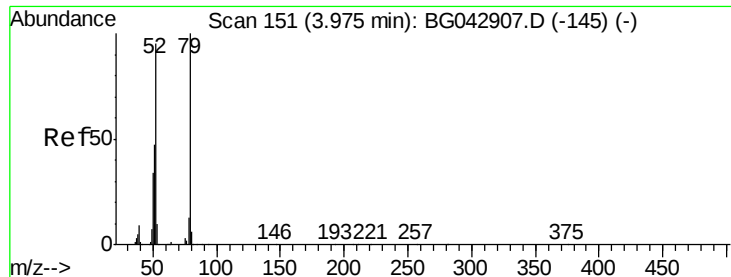
Abundance

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: 37.630 ng

RT: 3.97 min Scan# 150

Delta R.T. -0.01 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

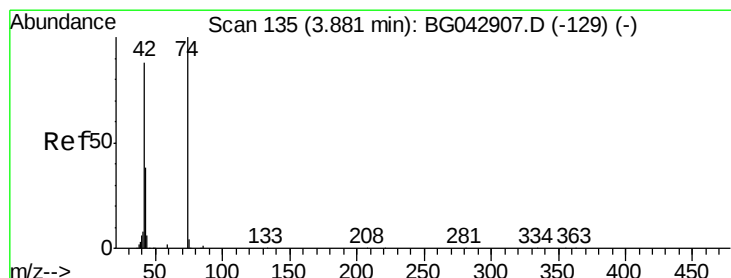
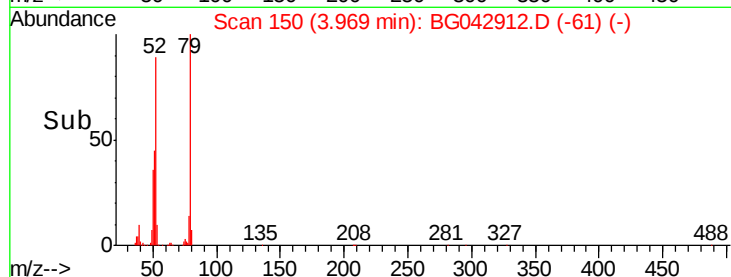
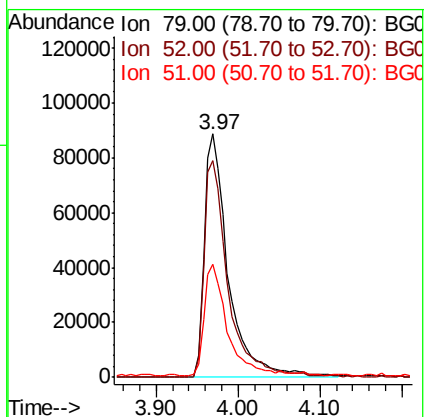
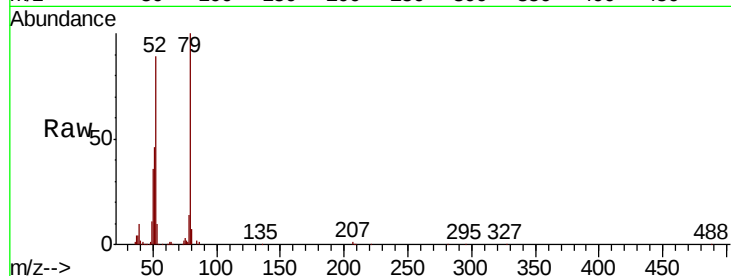
Tot Ion: 79 Resp: 181270

Ion Ratio Lower Upper

79 100

52 89.0 75.8 113.6

51 46.5 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 36.562 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

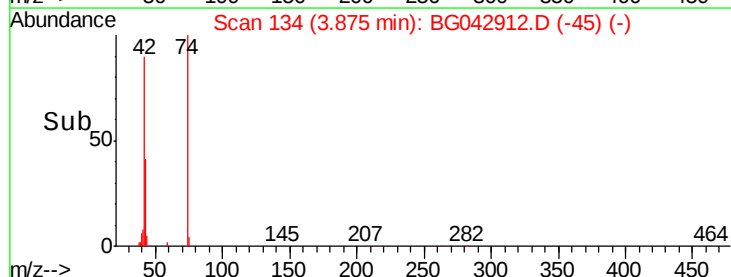
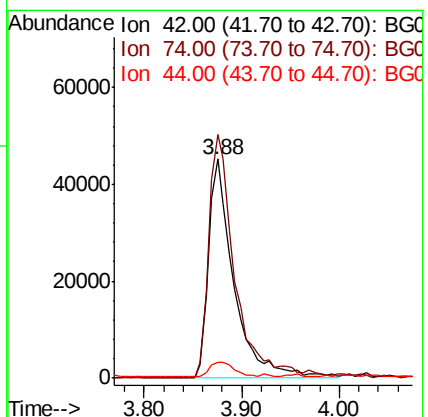
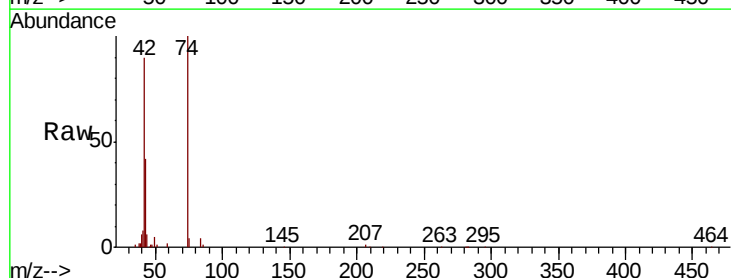
Tgt Ion: 42 Resp: 81636

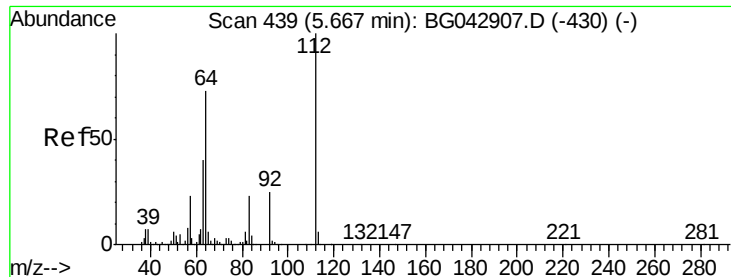
Ion Ratio Lower Upper

42 100

74 111.3 90.5 135.7

44 7.1 5.8 8.8





#5

2-Fluorophenol

Concen: 76.415 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.01 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

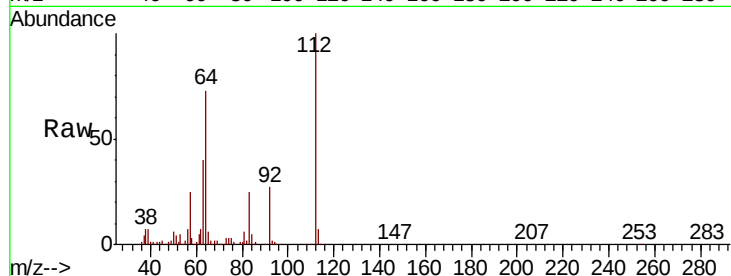
Tot Ion:112 Resp: 304304

Ion Ratio Lower Upper

112 100

64 72.9 58.6 87.8

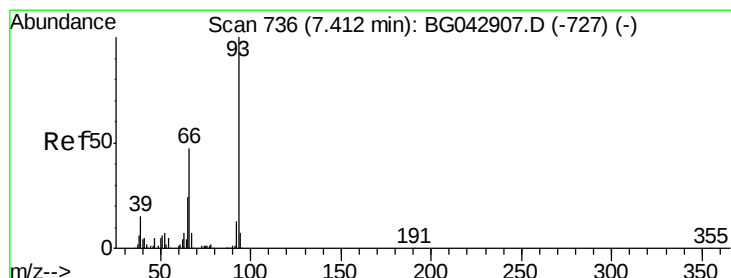
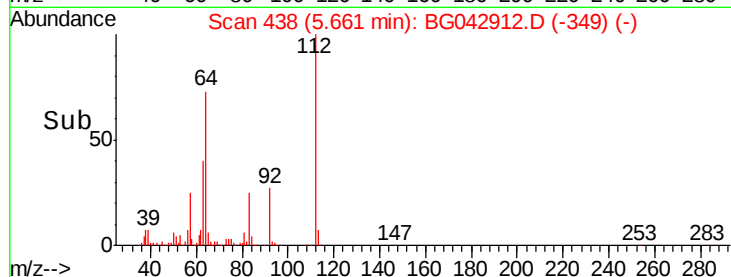
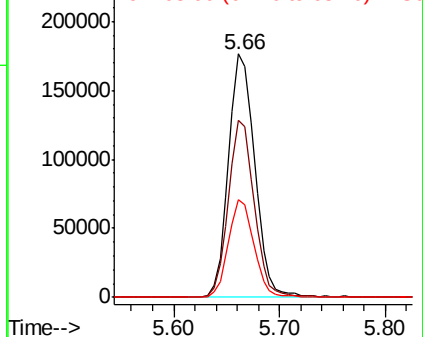
63 40.0 31.6 47.4



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: 37.701 ng

RT: 7.41 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

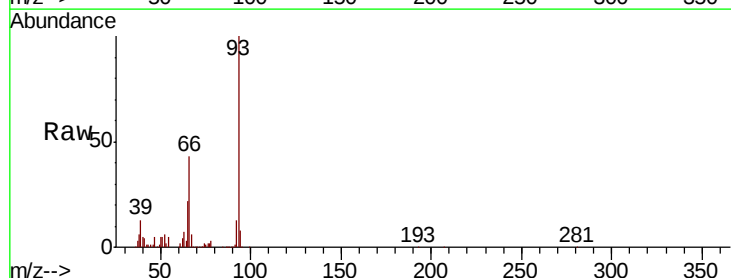
Tgt Ion: 93 Resp: 264300

Ion Ratio Lower Upper

93 100

66 42.9 37.9 56.9

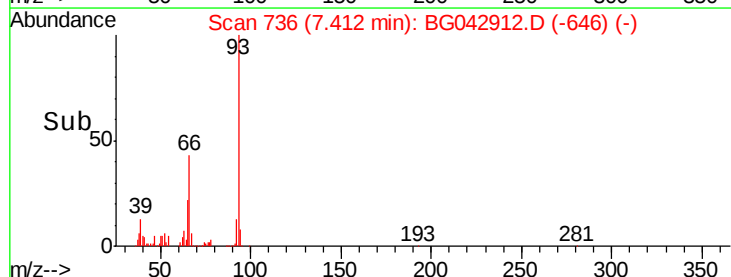
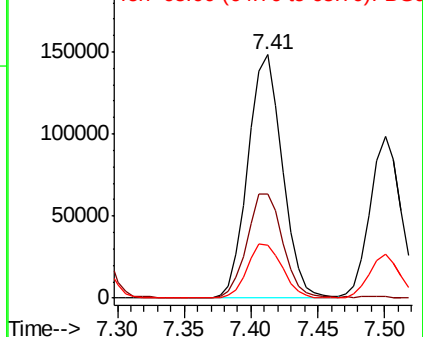
65 21.7 19.2 28.8

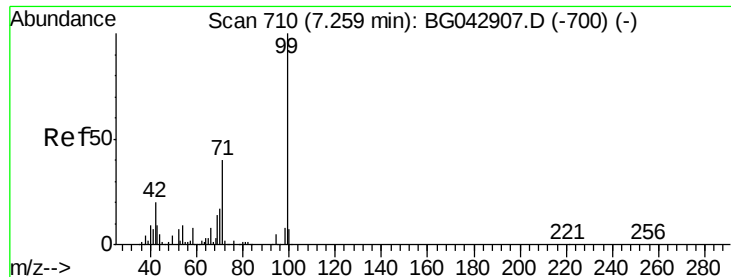


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.367 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

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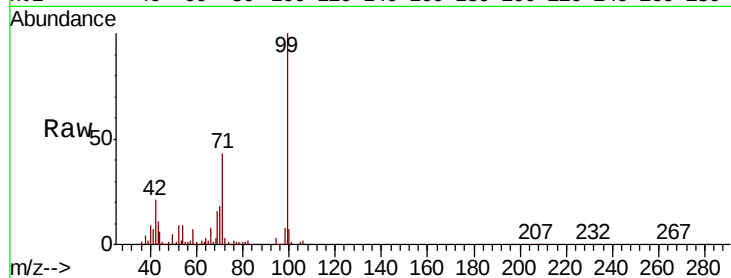
Tot Ion: 99 Resp: 439021

Ion Ratio Lower Upper

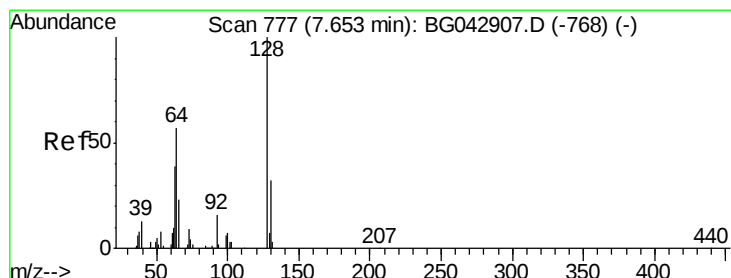
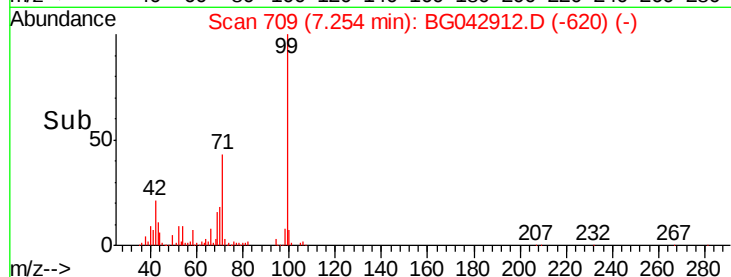
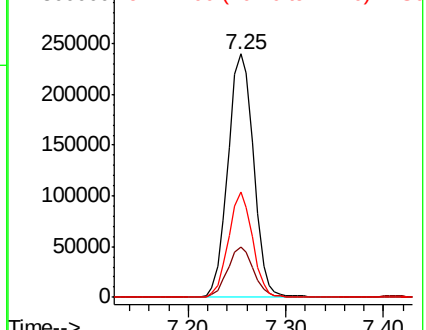
99 100

42 20.7 15.8 23.6

71 43.2 32.2 48.2



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



#8

2-Chlorophenol

Concen: 37.767 ng

RT: 7.65 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

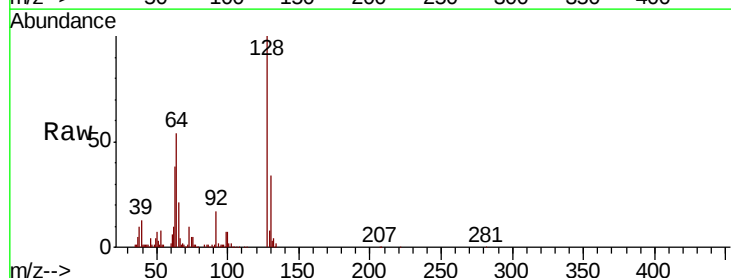
Tgt Ion: 128 Resp: 153999

Ion Ratio Lower Upper

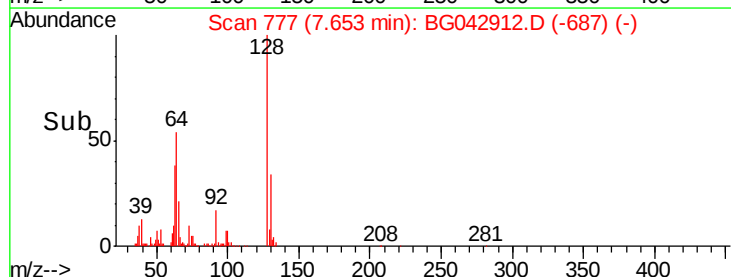
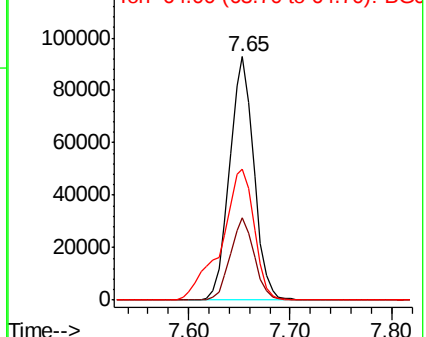
128 100

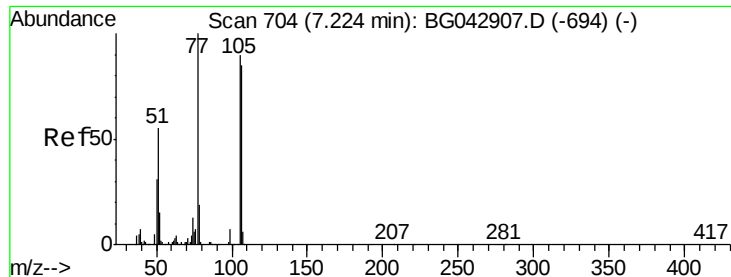
130 33.8 11.5 51.5

64 53.9 38.7 78.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 43.078 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG042912.D

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ICVBG092119

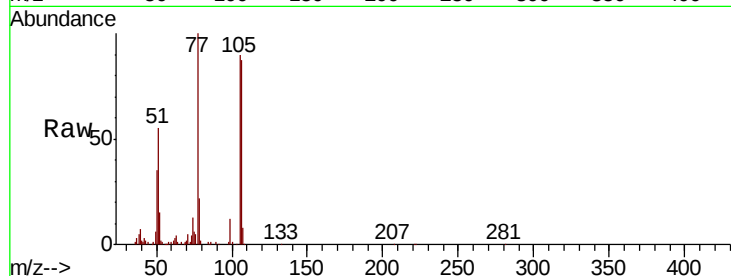
Tot Ion: 77 Resp: 154151

Ion Ratio Lower Upper

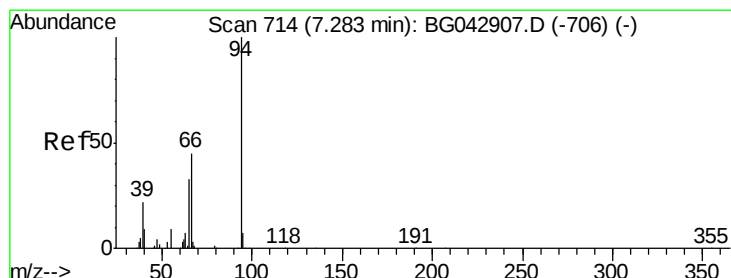
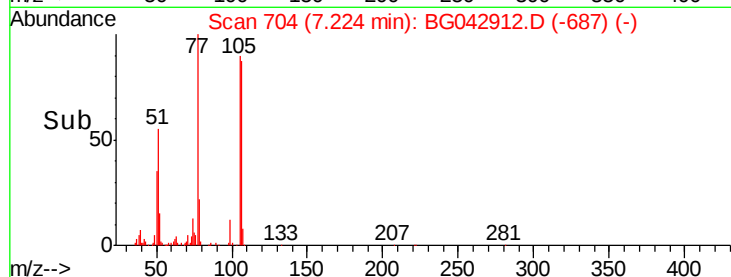
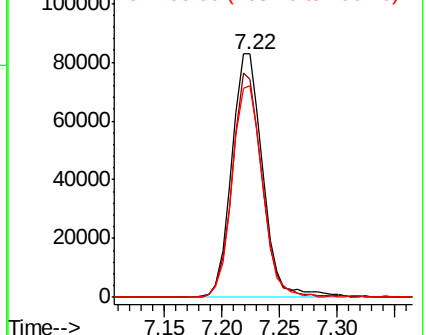
77 100

105 89.7 69.8 109.8

106 86.9 65.2 105.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.988 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

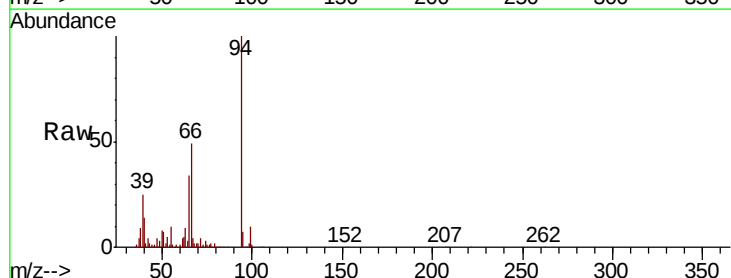
Tgt Ion: 94 Resp: 203566

Ion Ratio Lower Upper

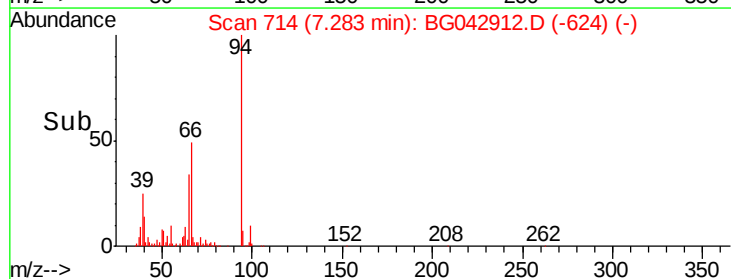
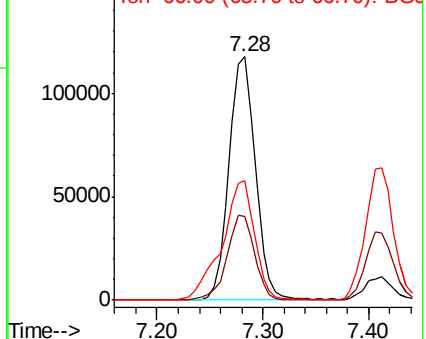
94 100

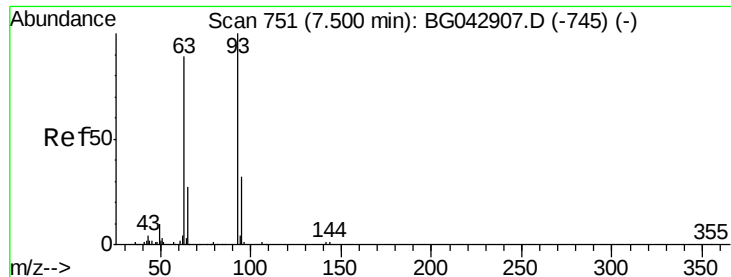
65 34.5 13.7 53.7

66 49.1 27.4 67.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

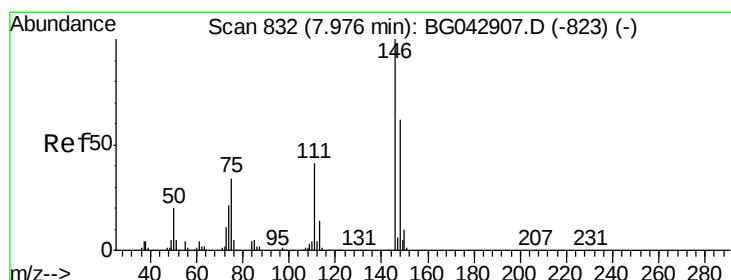
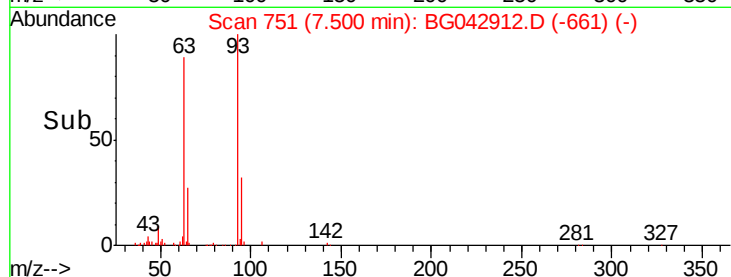
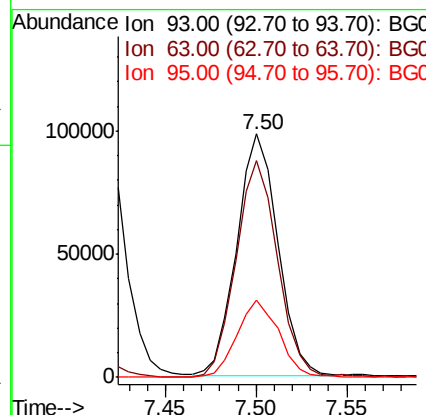
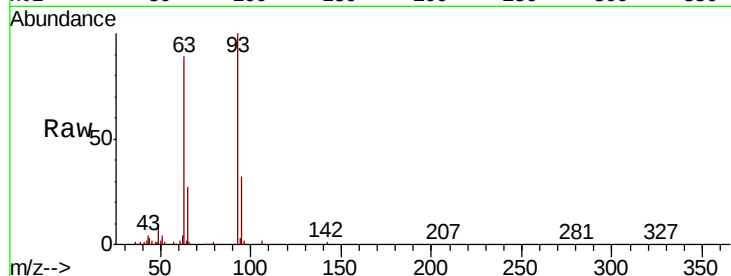




#11
 bis(2-Chloroethyl)ether
 Concen: 37.058 ng
 RT: 7.50 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

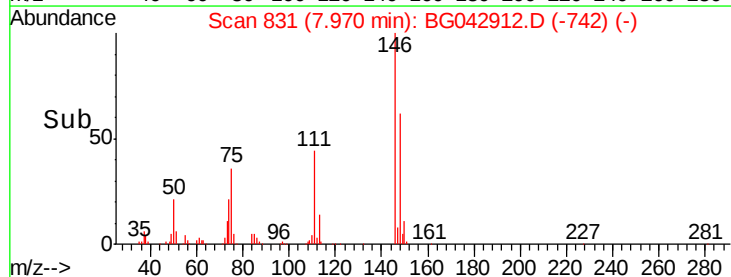
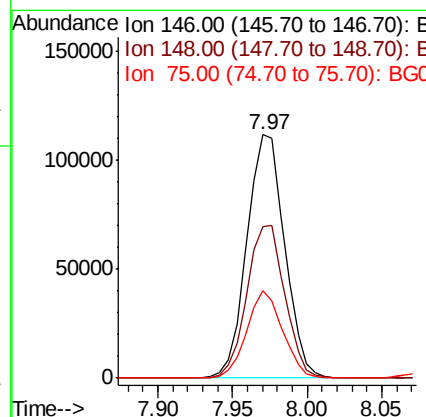
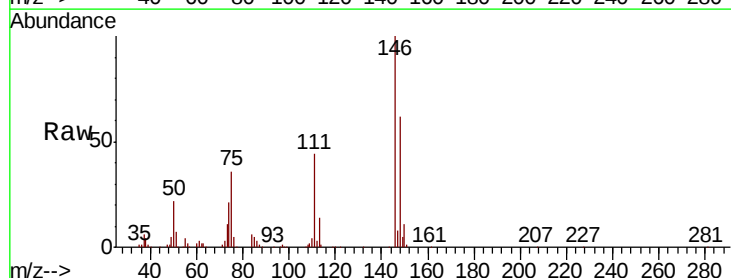
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

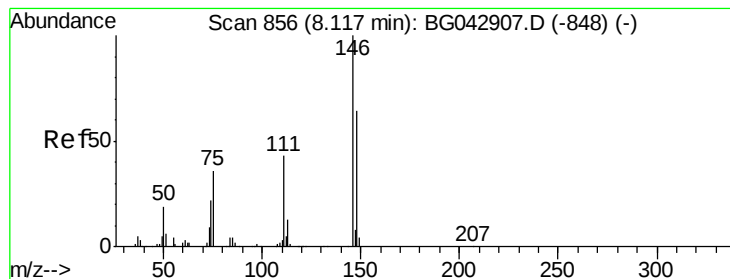
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	68.1	108.1
95	31.8	11.3	51.3



#12
 1,3-Dichlorobenzene
 Concen: 37.954 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.4	74.0
75	36.1	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 37.574 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

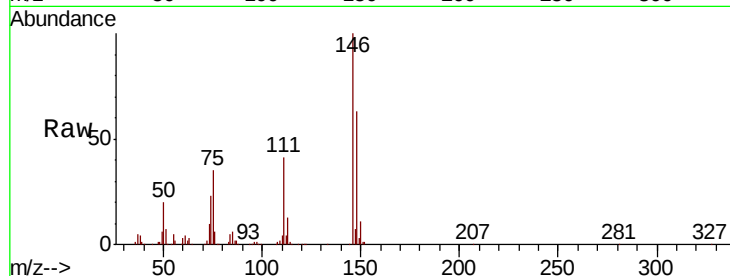
Tot Ion:146 Resp: 194433

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.2

111 41.0 34.7 52.1

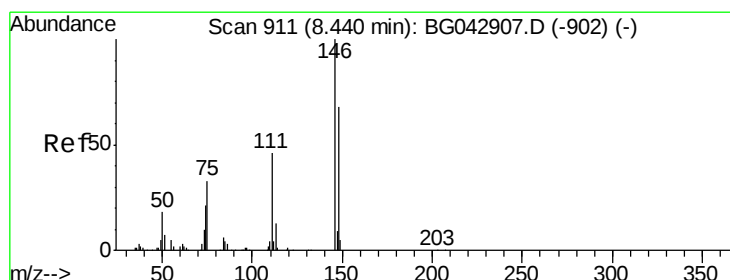
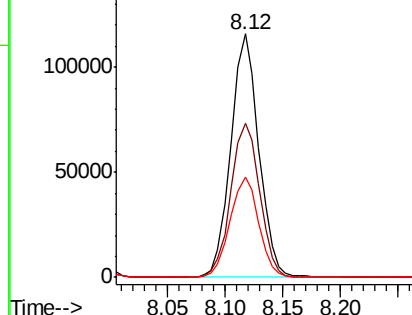
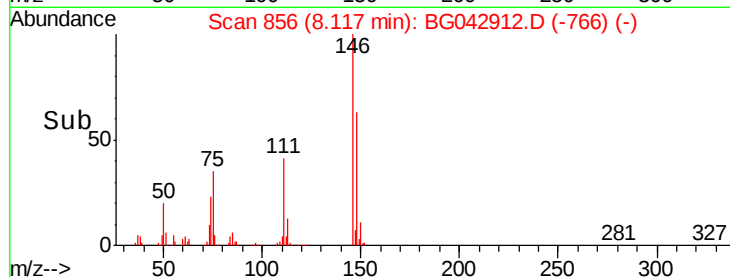


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.125 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

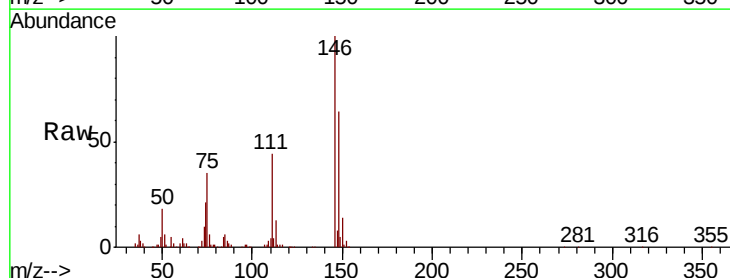
Tgt Ion:146 Resp: 187253

Ion Ratio Lower Upper

146 100

148 63.8 54.7 82.1

111 43.6 37.4 56.2

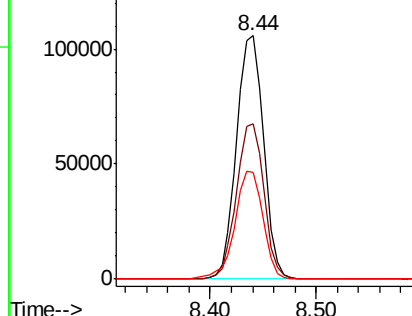
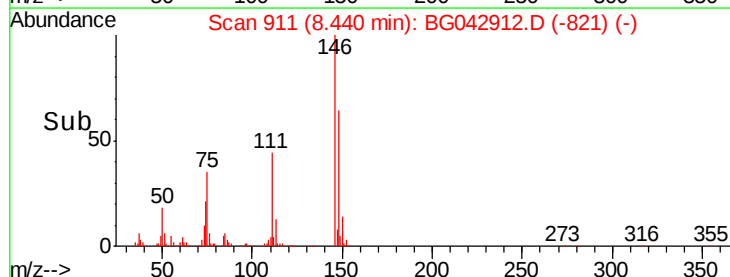


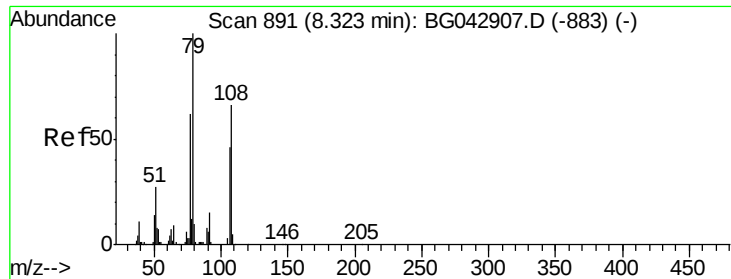
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.813 ng

RT: 8.32 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

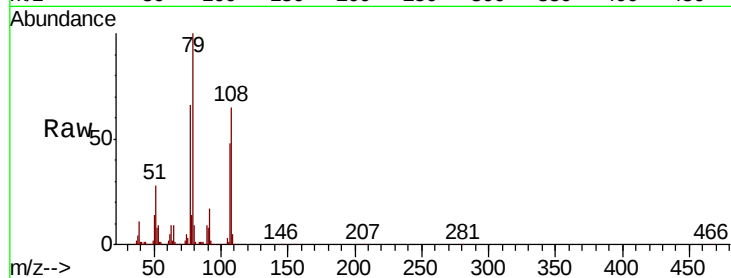
Tot Ion: 79 Resp: 163460

Ion Ratio Lower Upper

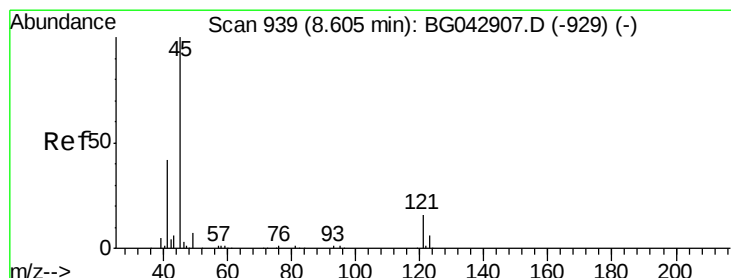
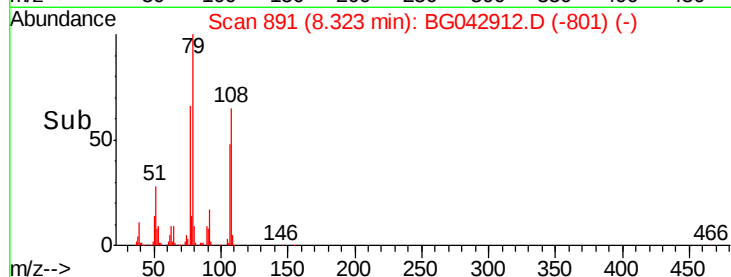
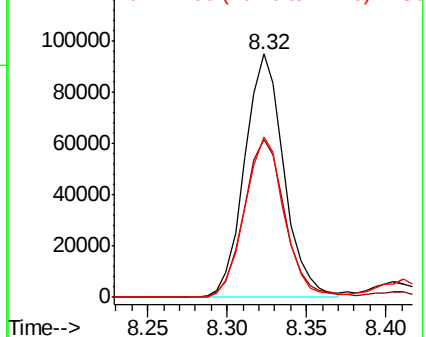
79 100

108 65.1 52.4 78.6

77 66.0 49.6 74.4



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: 37.767 ng

RT: 8.60 min Scan# 939

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

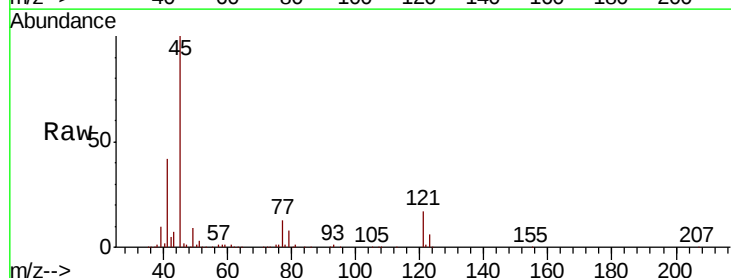
Tgt Ion: 45 Resp: 306571

Ion Ratio Lower Upper

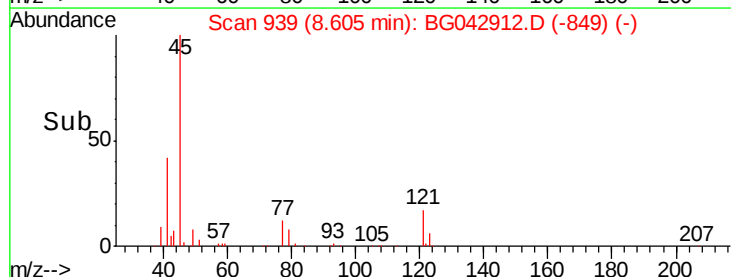
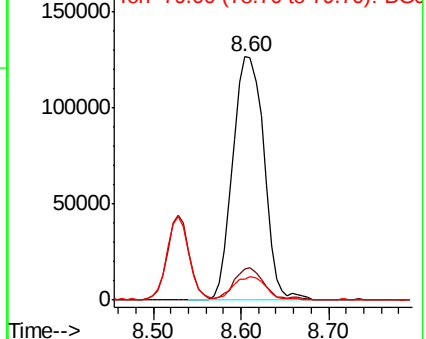
45 100

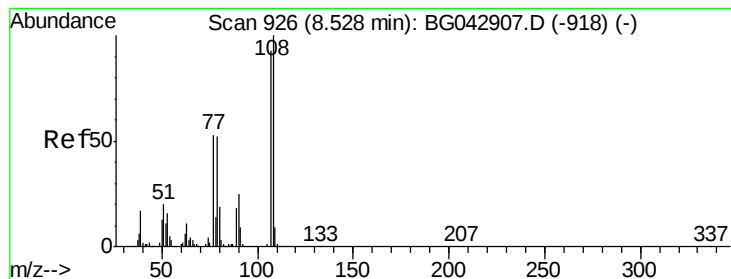
77 12.6 0.0 32.6

79 8.5 0.0 29.0



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: 37.321 ng

RT: 8.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

Tot Ion:107 Resp: 138130

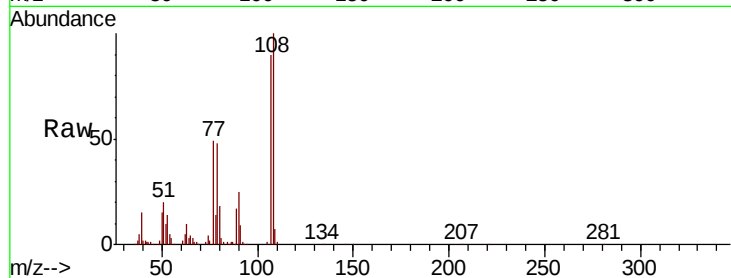
Ion Ratio Lower Upper

107 100

108 110.7 85.8 128.8

77 54.3 45.4 68.0

79 53.1 45.5 68.3

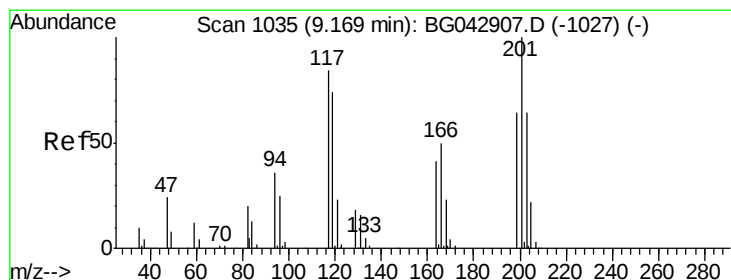
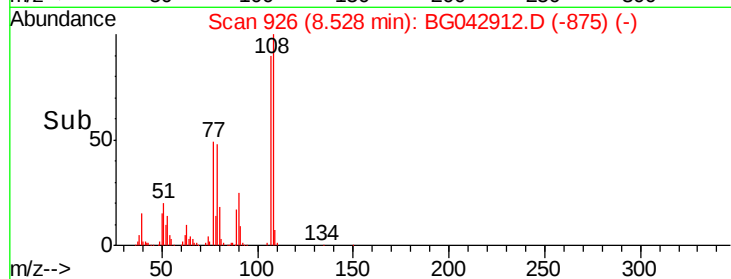
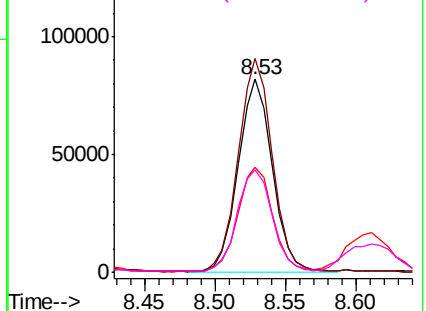


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.115 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

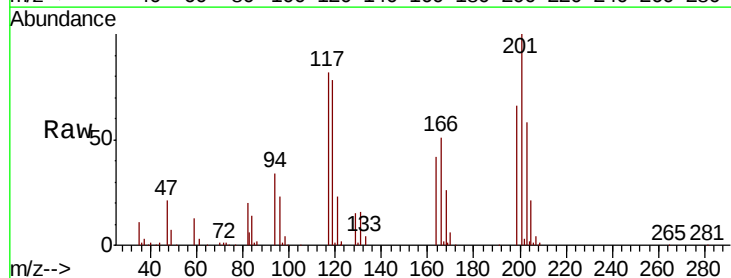
Tgt Ion:117 Resp: 74163

Ion Ratio Lower Upper

117 100

119 97.2 70.9 106.3

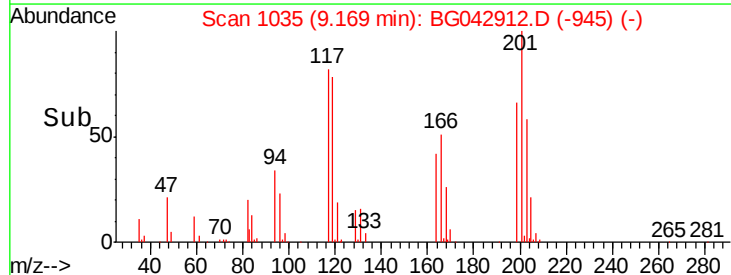
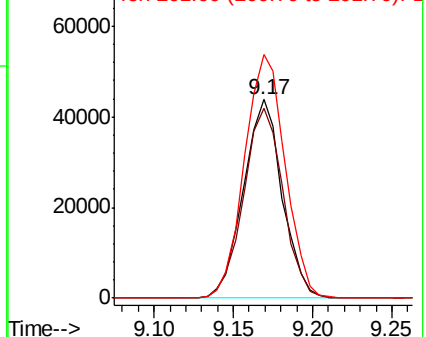
201 122.6 95.2 142.8

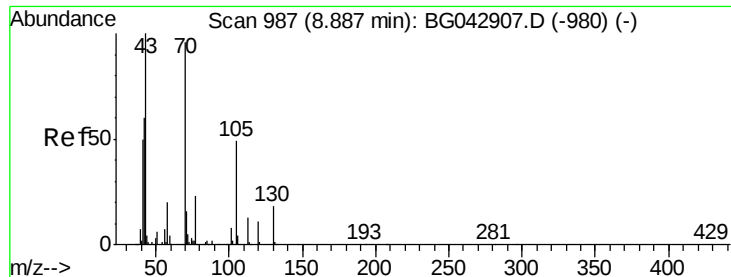


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

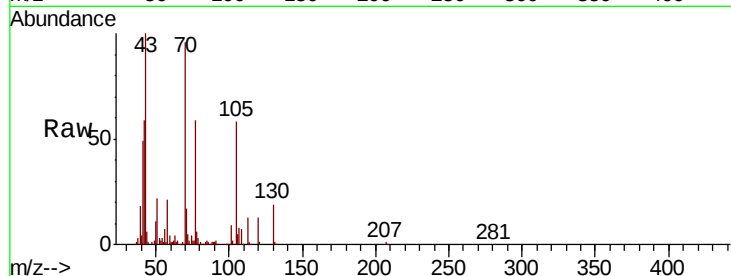




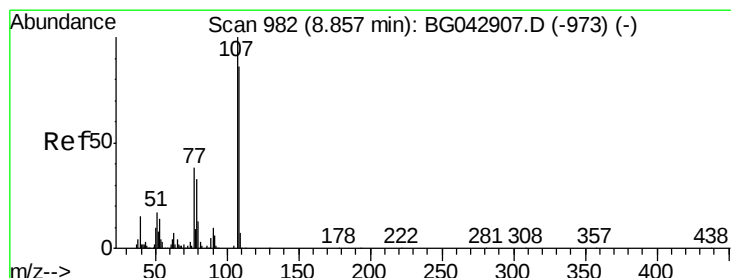
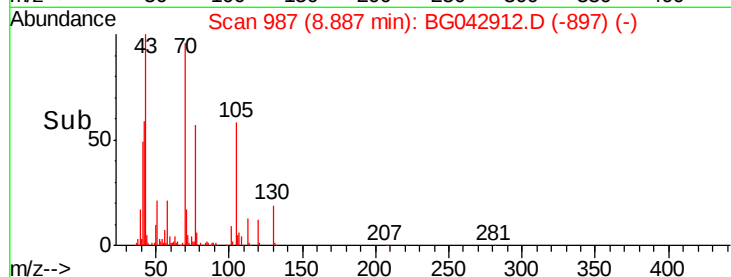
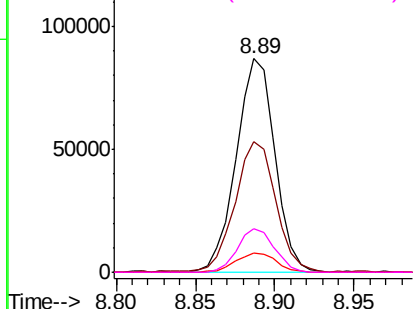
#19
n-Nitroso-di-n-propylamine
Concen: 38.379 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Instrument :
BNA_G
ClientSampleId :
ICVBG092119

Tot Ion:	70	Resp:	147160
Ion	Ratio	Lower	Upper
70	100		
42	61.1	50.5	75.7
101	9.0	7.0	10.4
130	20.1	14.9	22.3

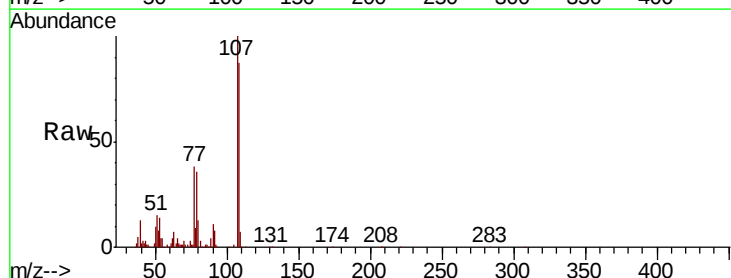


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

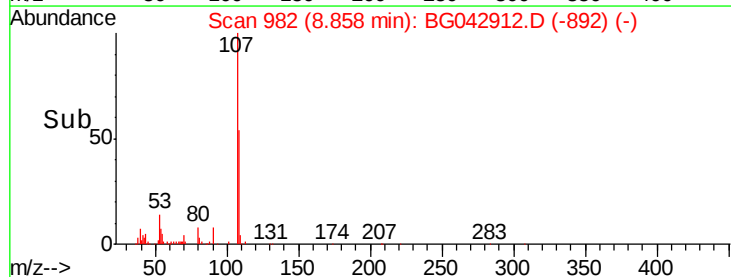
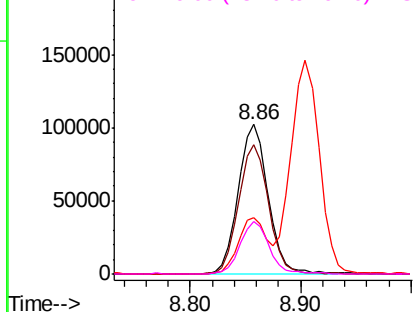


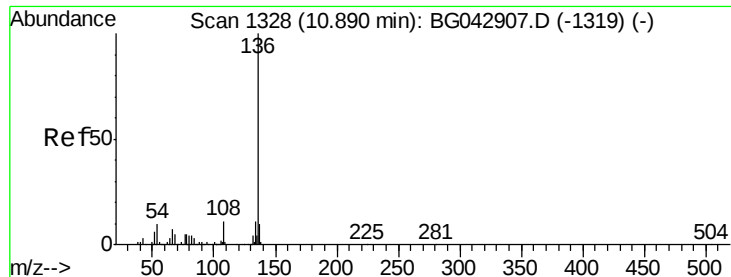
#20
3+4-Methylphenols
Concen: 38.507 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion:	107	Resp:	195697
Ion	Ratio	Lower	Upper
107	100		
108	86.9	66.2	106.2
77	37.9	18.0	58.0
79	35.5	12.8	52.8



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

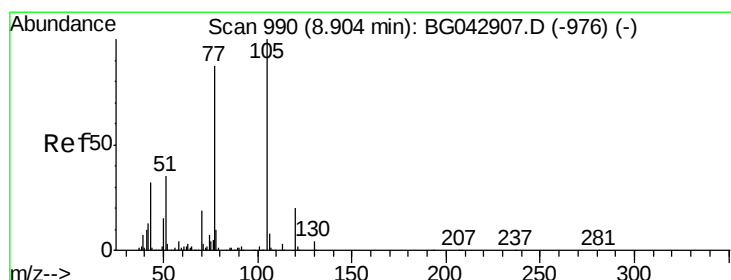
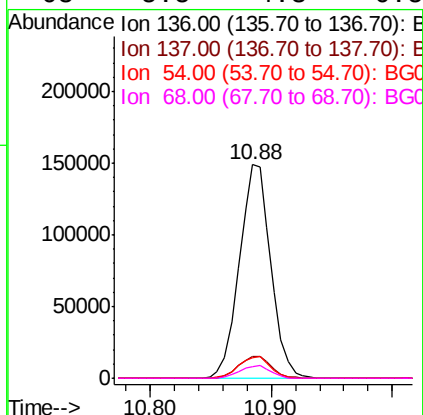
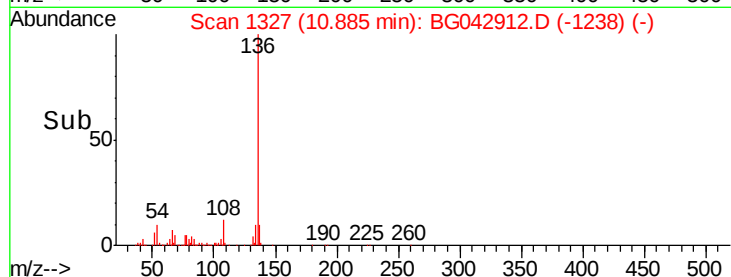
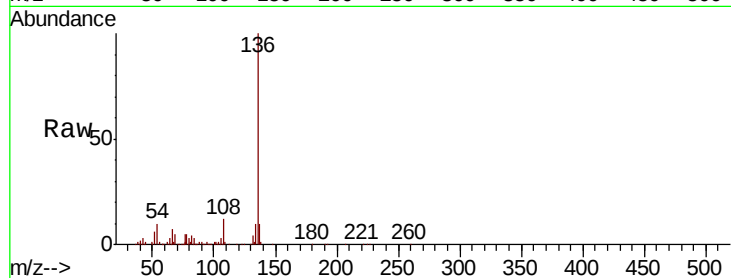




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

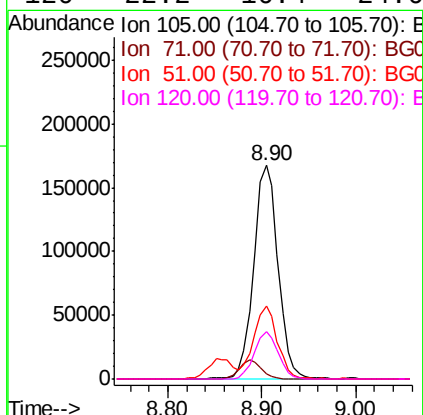
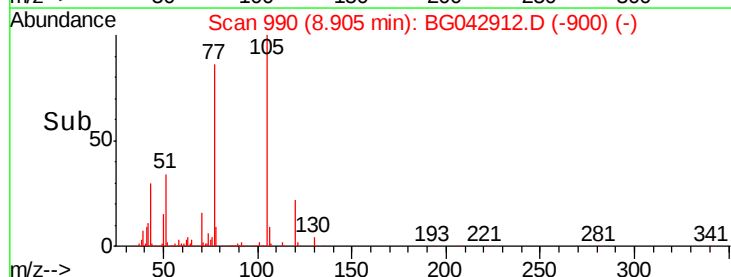
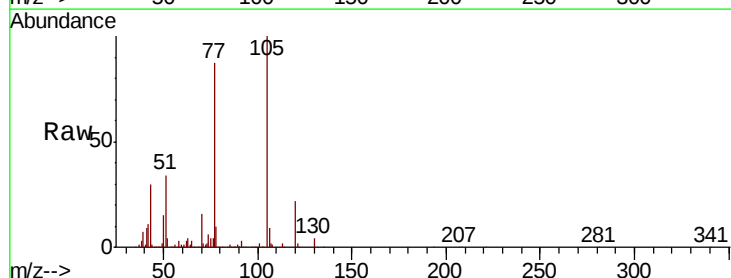
Instrument :
BNA_G
ClientSampleId :
ICVBG092119

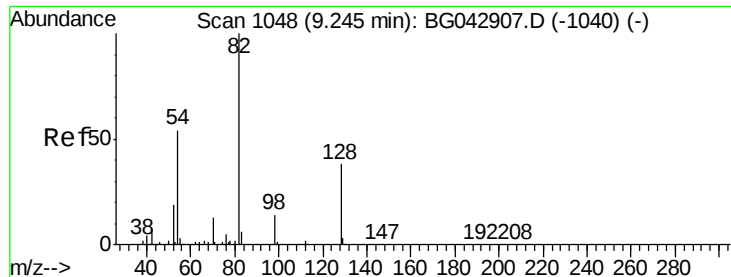
Tot Ion:136	Resp:	267817
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.2 12.2
54	9.9	8.2 12.2
68	5.5	4.3 6.5



#22
Acetophenone
Concen: 42.947 ng
RT: 8.90 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion:105	Resp:	300075
Ion	Ratio	Lower Upper
105	100	
71	2.4	2.6 4.0#
51	34.2	28.2 42.4
120	22.2	16.4 24.6

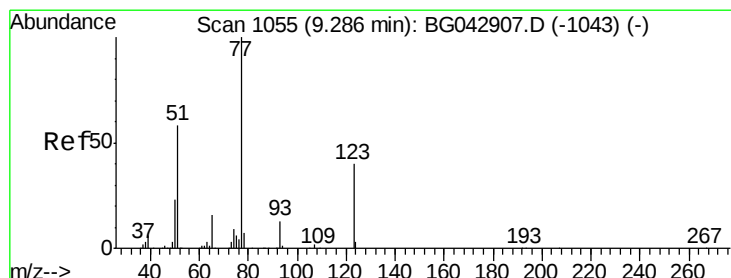
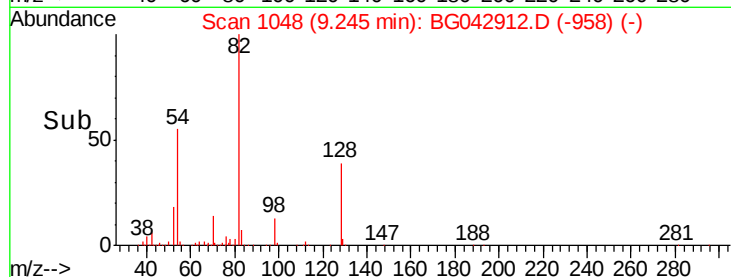
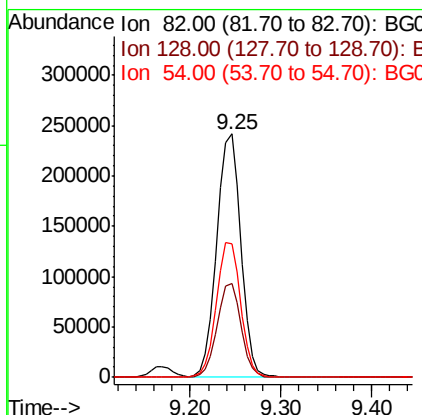
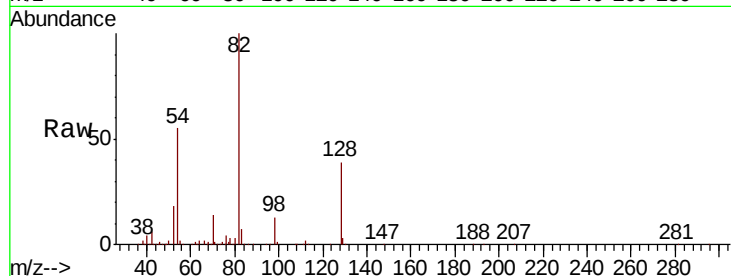




#23
 Nitrobenzene-d5
 Concen: 81.422 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

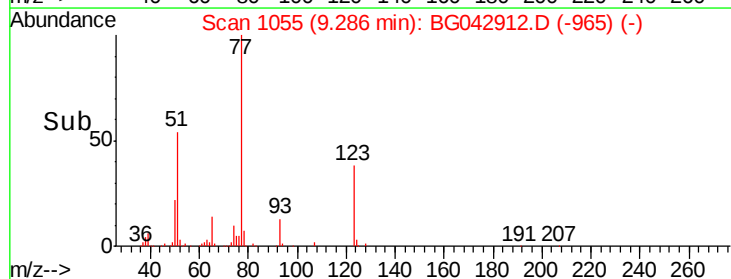
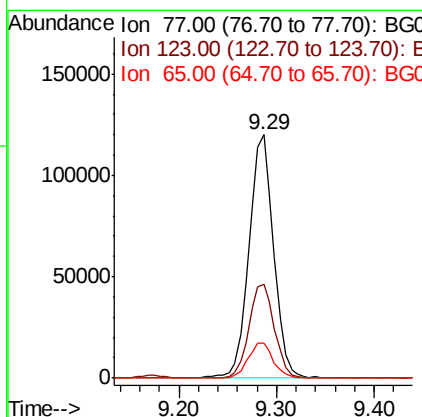
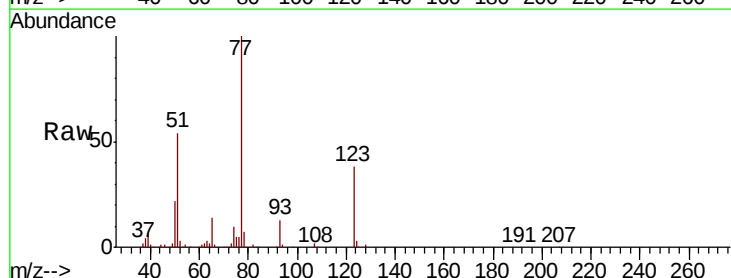
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

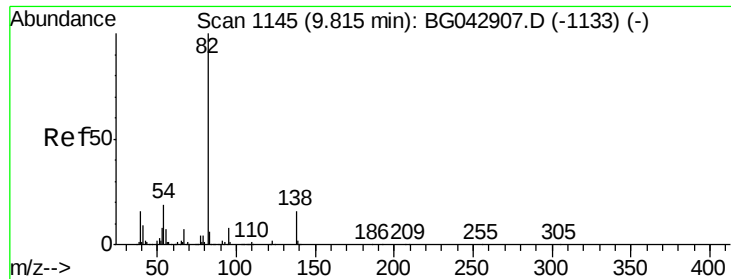
Tot Ion	82	Resp	447013
Ion Ratio	Lower	Upper	
82	100		
128	38.7	30.4	45.6
54	54.7	43.4	65.0



#24
 Nitrobenzene
 Concen: 40.094 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Tgt Ion	77	Resp	213254
Ion Ratio	Lower	Upper	
77	100		
123	38.4	32.3	48.5
65	14.3	12.6	19.0





#25

Isophorone

Concen: 40.756 ng

RT: 9.81 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

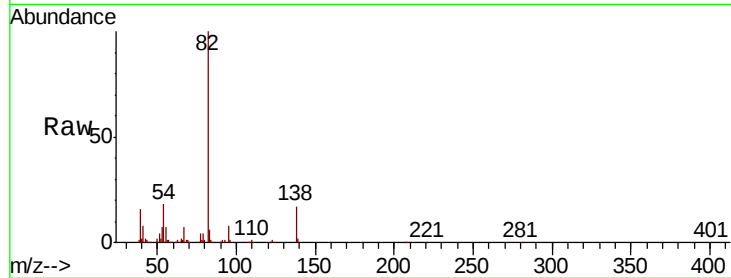
Tot Ion: 82 Resp: 399762

Ion Ratio Lower Upper

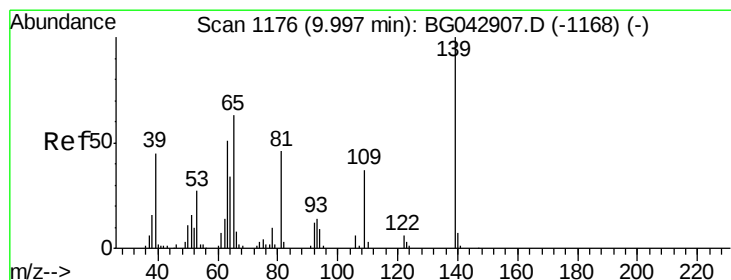
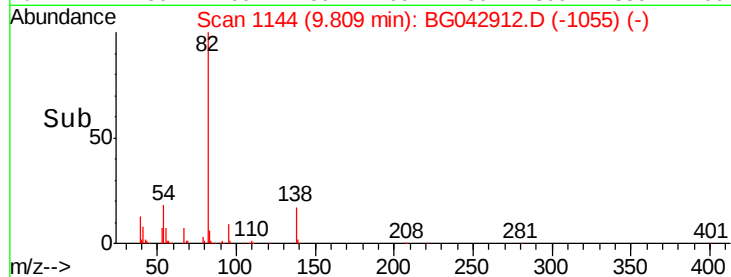
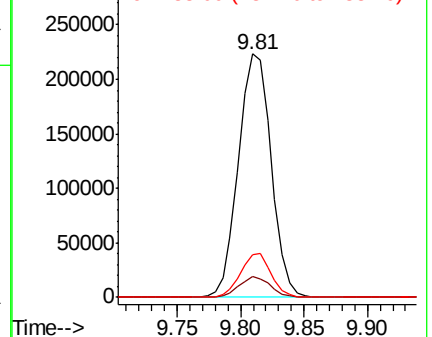
82 100

95 8.5 6.3 9.5

138 17.3 12.9 19.3



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



#26

2-Nitrophenol

Concen: 42.109 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

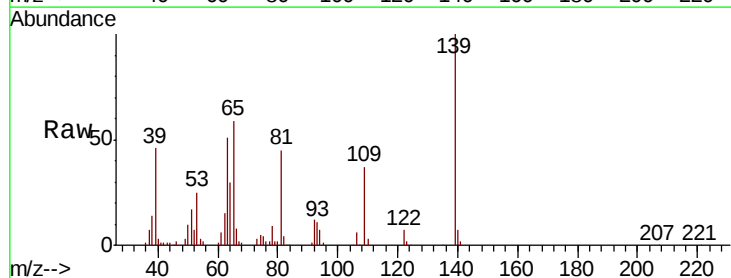
Tgt Ion: 139 Resp: 92335

Ion Ratio Lower Upper

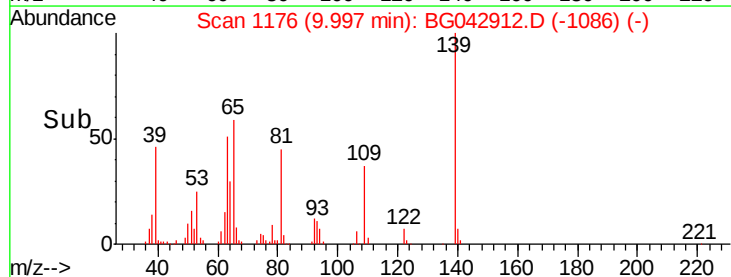
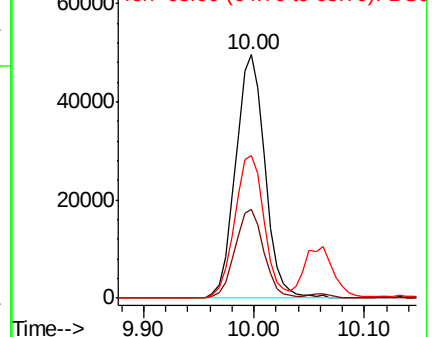
139 100

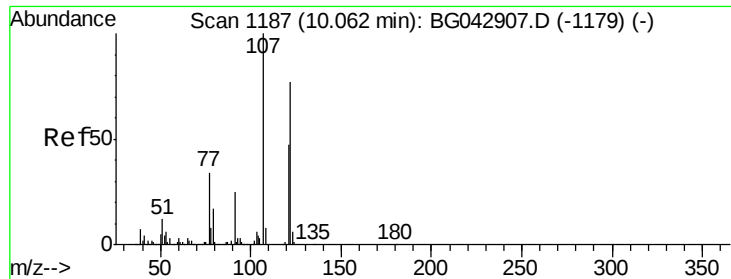
109 36.5 29.3 43.9

65 58.8 51.1 76.7



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

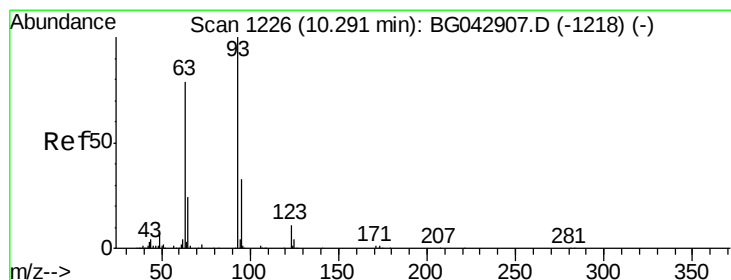
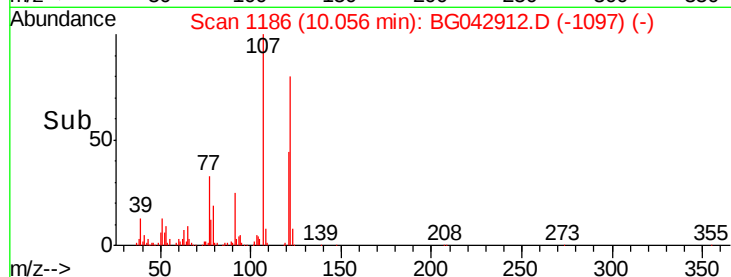
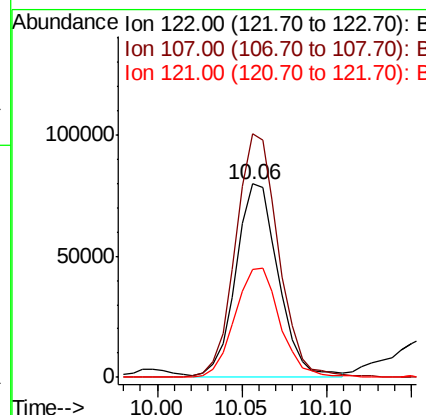
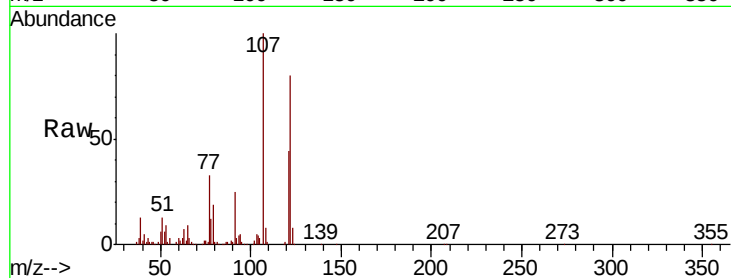




#27
2,4-Dimethylphenol
Concen: 40.465 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

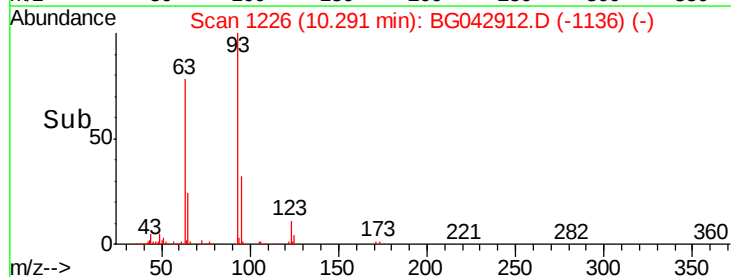
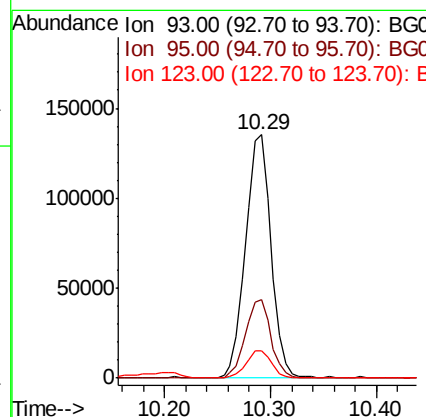
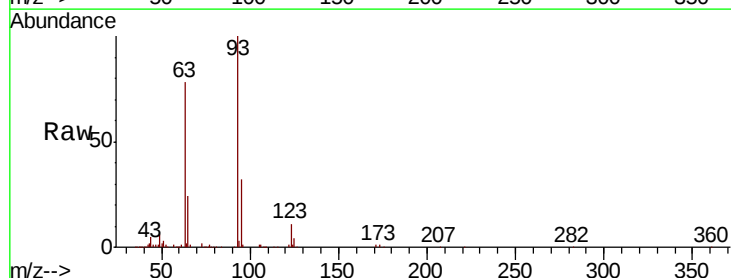
Instrument :
BNA_G
ClientSampleId :
ICVBG092119

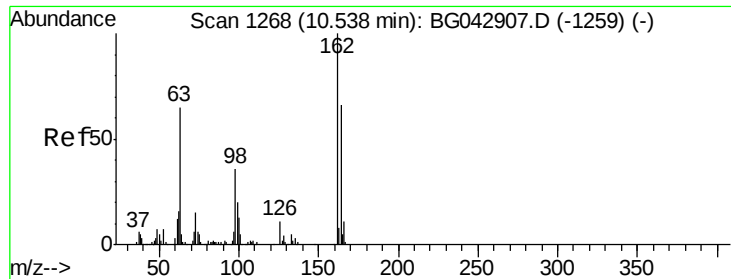
Tot Ion:122 Resp: 138597
Ion Ratio Lower Upper
122 100
107 125.7 103.3 154.9
121 55.8 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.958 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion: 93 Resp: 226191
Ion Ratio Lower Upper
93 100
95 32.1 26.3 39.5
123 11.3 8.6 13.0

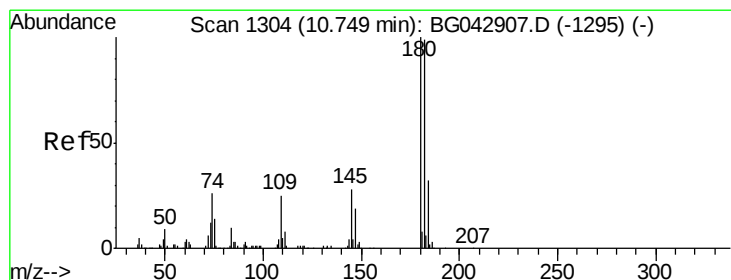
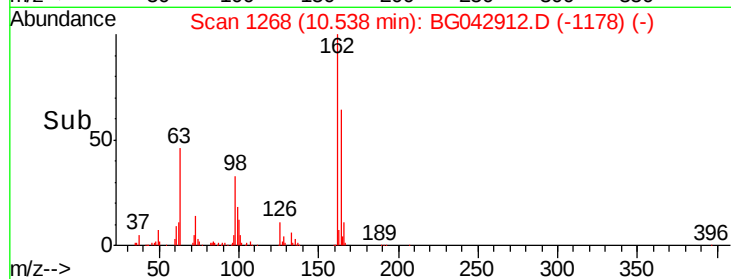
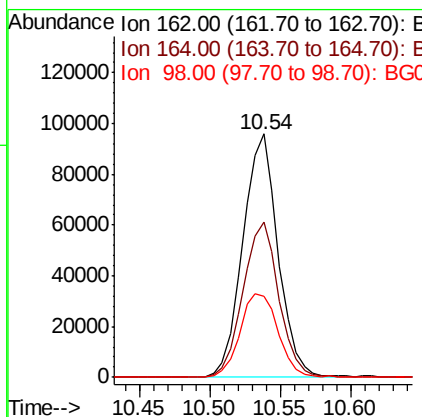
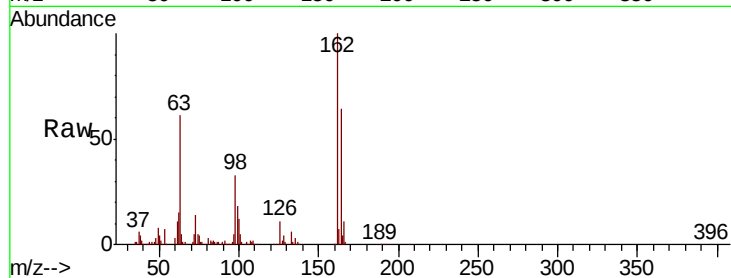




#29
 2,4-Dichlorophenol
 Concen: 40.134 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

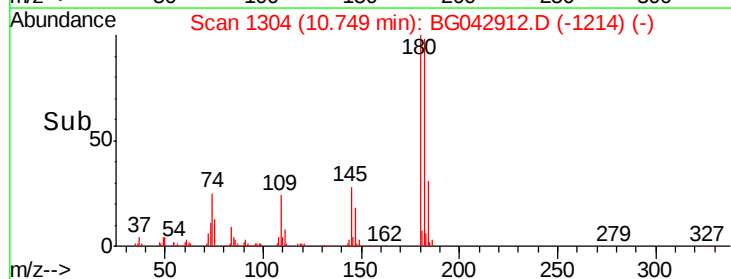
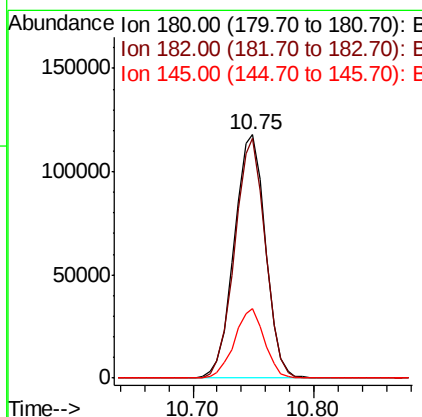
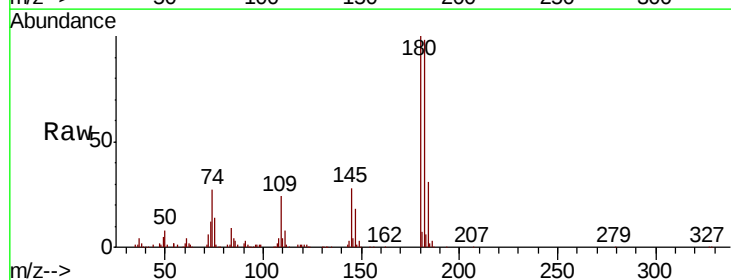
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

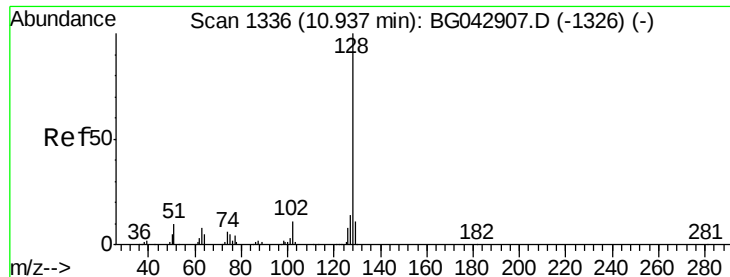
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.9	85.9
98	33.4	15.7	55.7



#30
 1,2,4-Trichlorobenzene
 Concen: 39.963 ng
 RT: 10.75 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	78.9	118.3
145	28.4	22.4	33.6

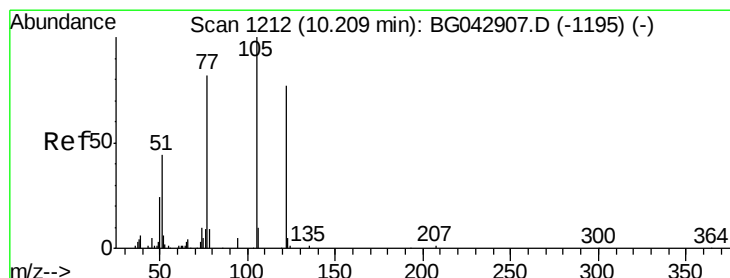
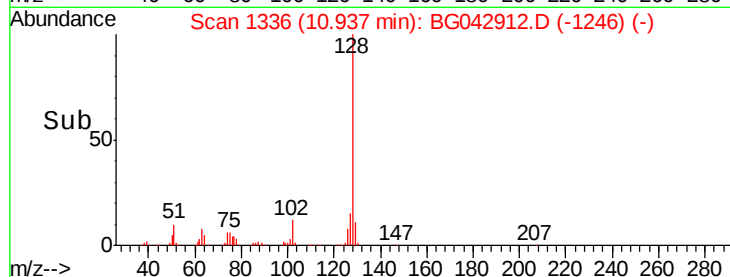
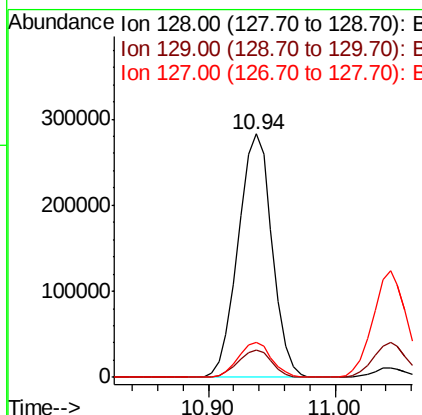
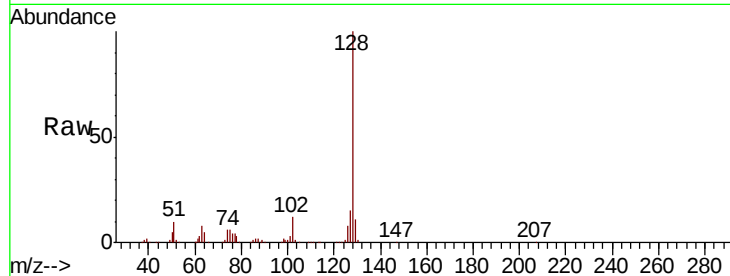




#31
Naphthalene
Concen: 39.940 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

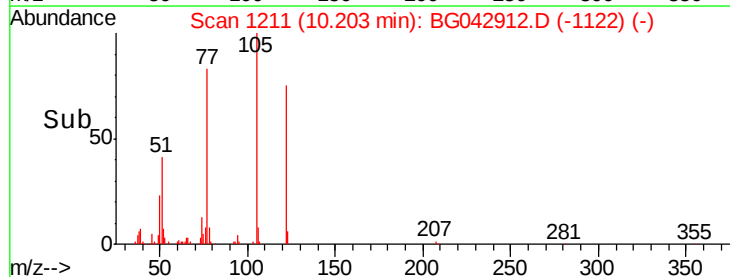
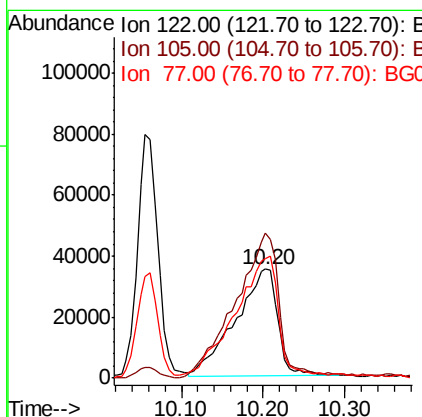
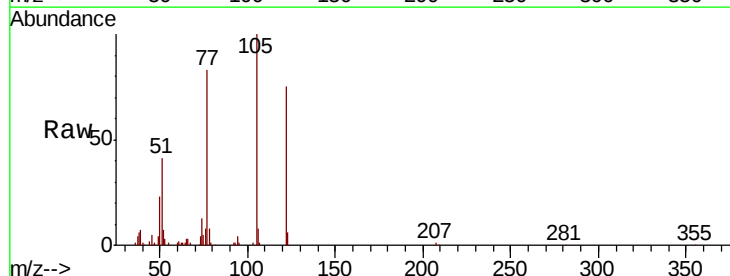
Instrument :
BNA_G
ClientSampleId :
ICVBG092119

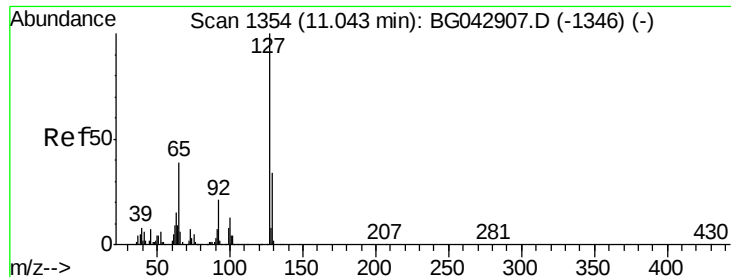
Tot Ion:128 Resp: 522873
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.6 11.0 16.4



#32
Benzoic acid
Concen: 45.419 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion:122 Resp: 127437
Ion Ratio Lower Upper
122 100
105 133.1 108.3 148.3
77 110.3 85.5 125.5

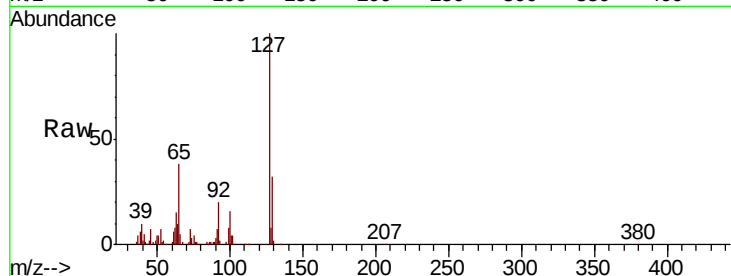




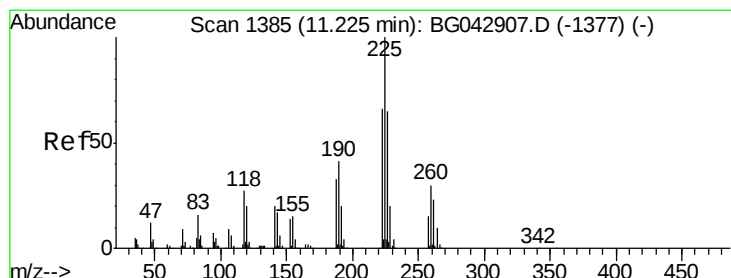
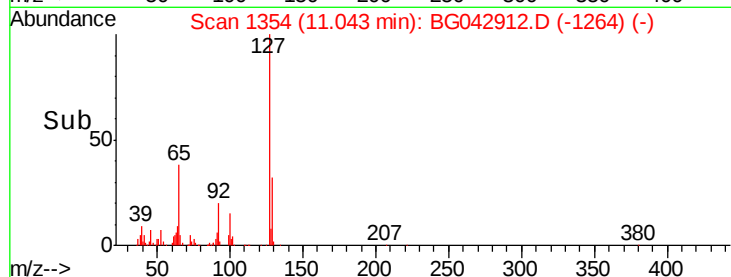
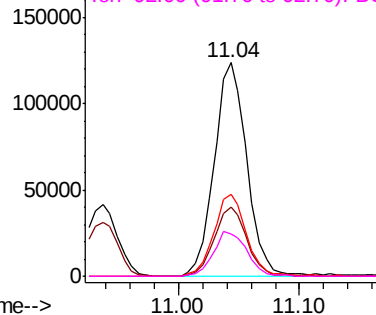
#33
4-Chloroaniline
Concen: 39.799 ng
RT: 11.04 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Instrument :
BNA_G
ClientSampleId :
ICVBG092119

Tot Ion:127	Resp:	232026
Ion Ratio	Lower	Upper
127	100	
129	32.5	27.0 40.6
65	38.1	31.6 47.4
92	19.7	16.6 25.0

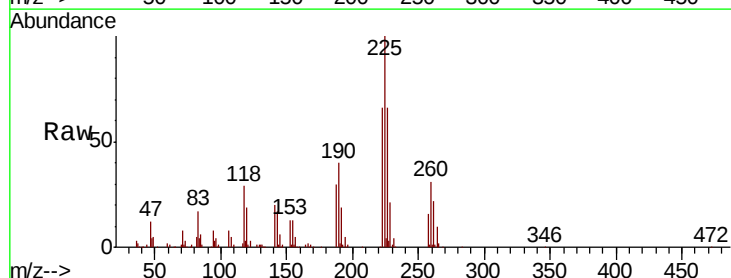


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

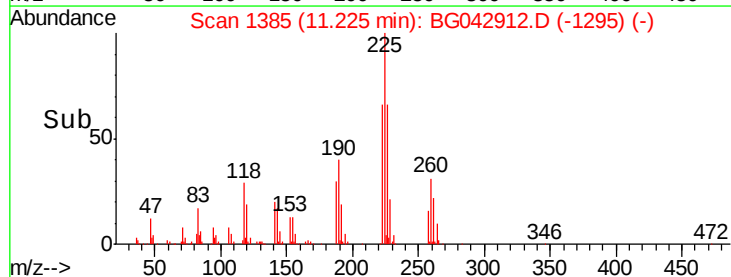
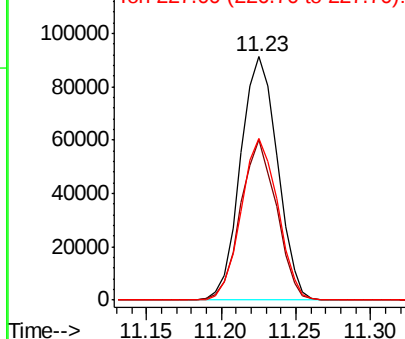


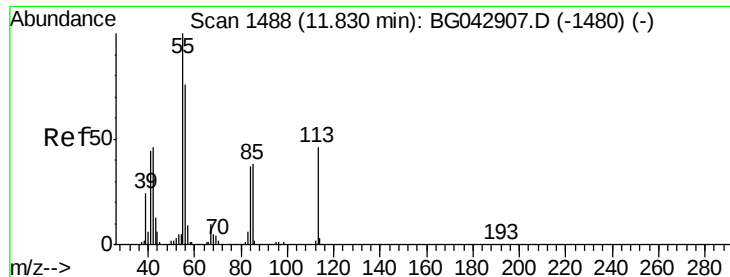
#34
Hexachlorobutadiene
Concen: 40.721 ng
RT: 11.23 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion:225	Resp:	156769
Ion Ratio	Lower	Upper
225	100	
223	65.7	52.9 79.3
227	66.2	51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.516 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

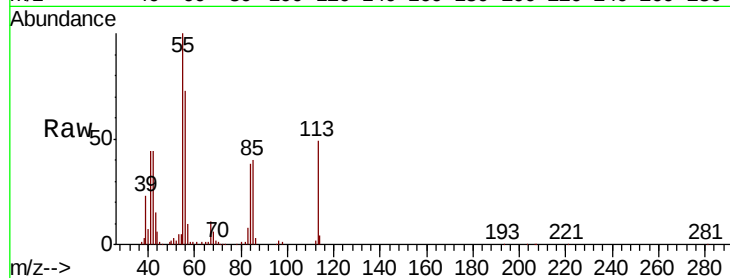
Tot Ion:113 Resp: 63991

Ion Ratio Lower Upper

113 100

55 202.7 196.9 236.9

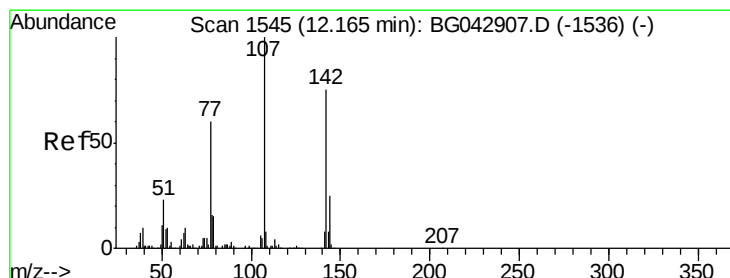
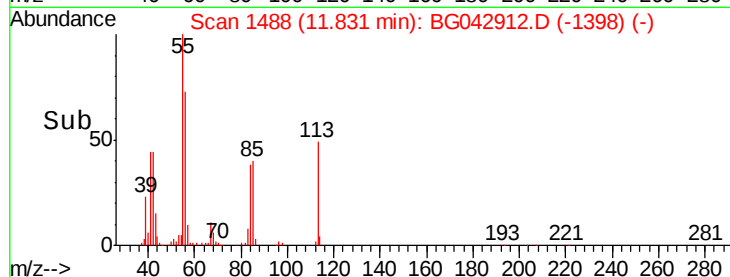
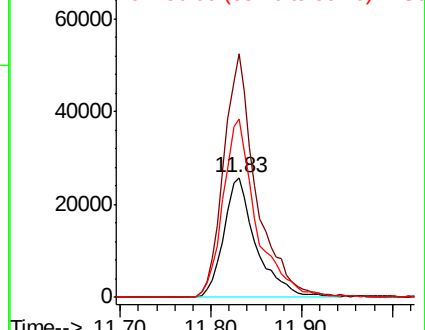
56 148.4 145.6 185.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.068 ng

RT: 12.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

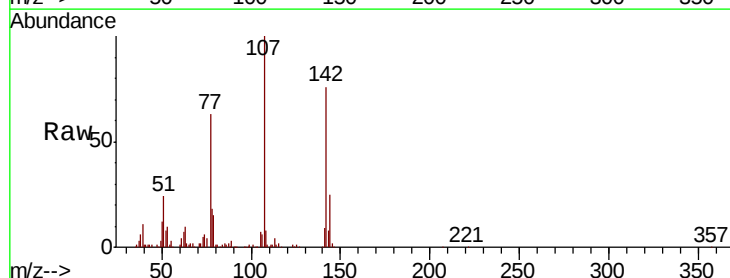
Tgt Ion:107 Resp: 189749

Ion Ratio Lower Upper

107 100

144 25.5 20.3 30.5

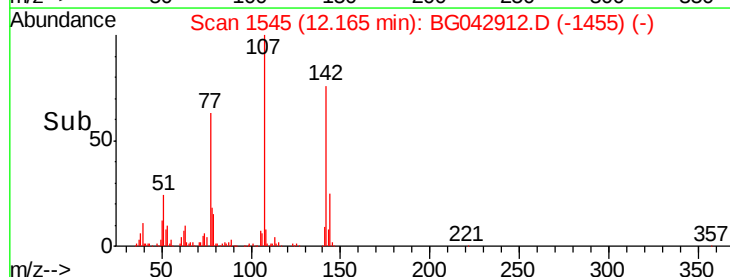
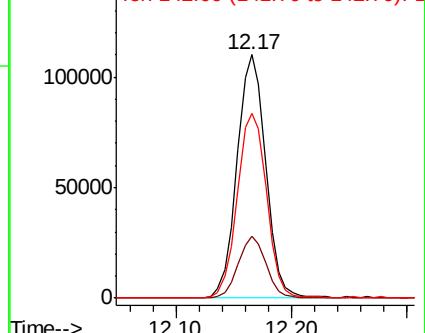
142 75.7 59.8 89.8

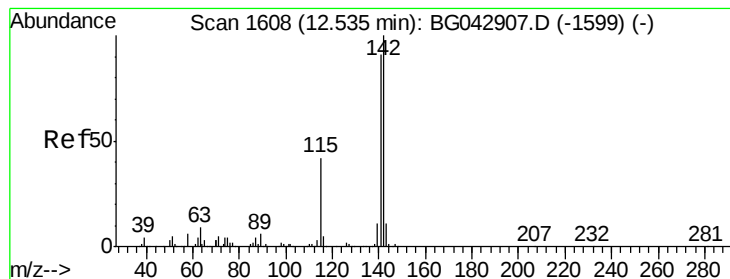


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.397 ng

RT: 12.54 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

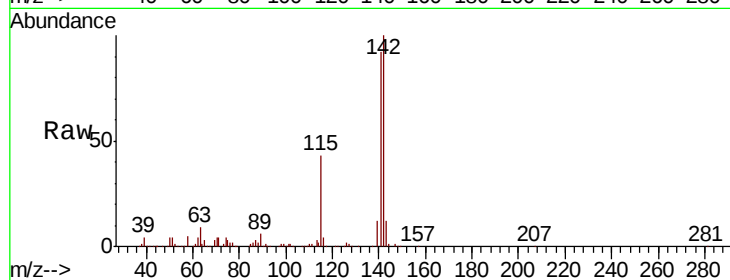
Tot Ion:142 Resp: 402197

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7

115 42.7 33.8 50.6

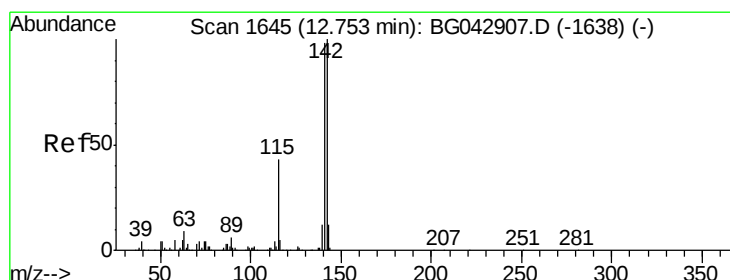
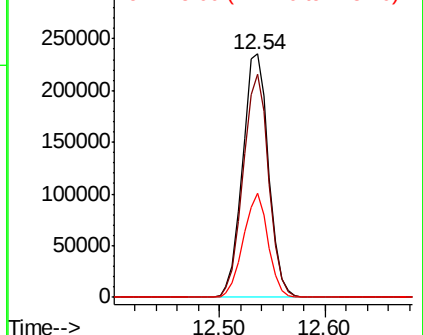
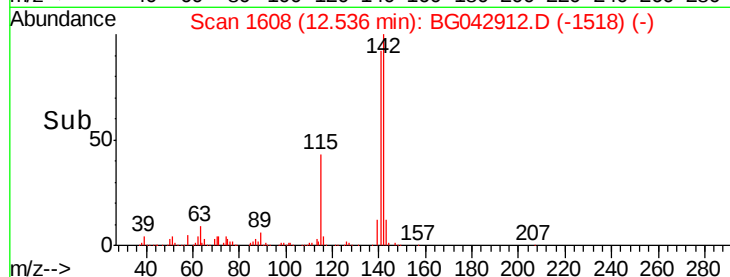


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.356 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

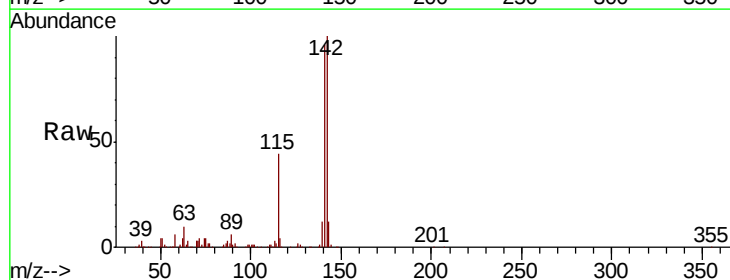
Tgt Ion:142 Resp: 379598

Ion Ratio Lower Upper

142 100

141 96.4 78.0 117.0

116 4.5 4.2 6.2

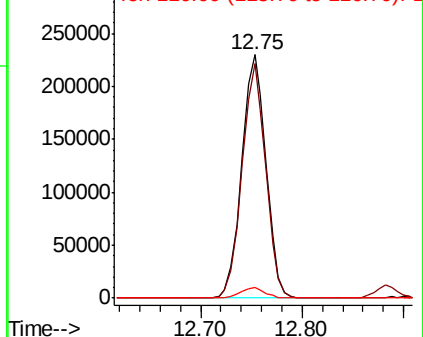
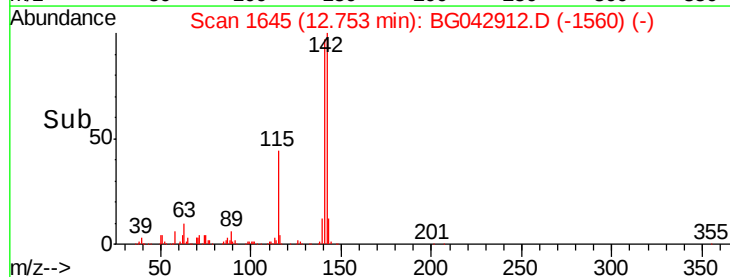


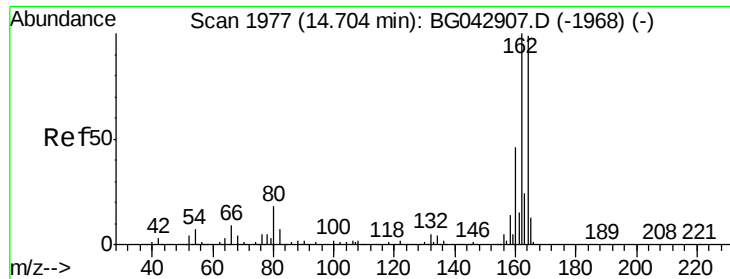
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

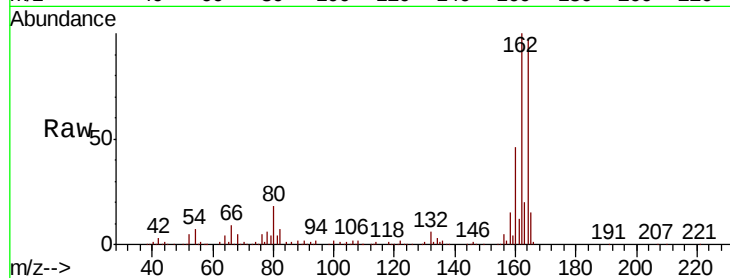
Tot Ion:164 Resp: 196987

Ion Ratio Lower Upper

164 100

162 103.0 81.2 121.8

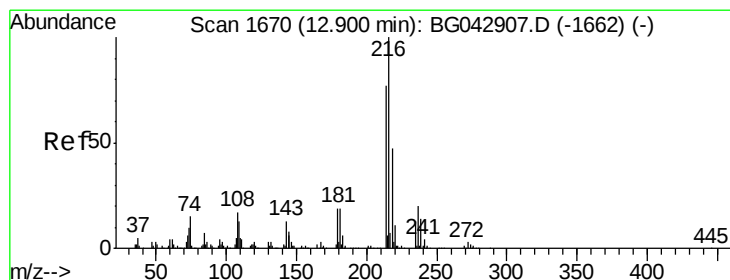
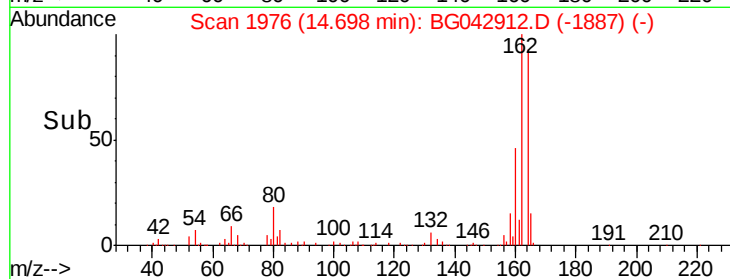
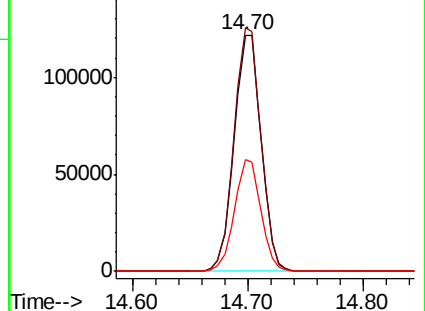
160 47.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.150 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Tgt Ion:216 Resp: 321904

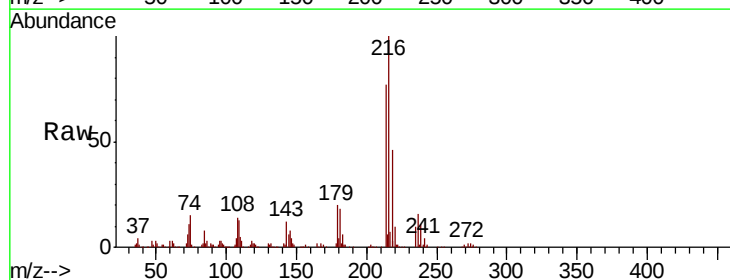
Ion Ratio Lower Upper

216 100

214 78.4 62.6 93.8

179 20.0 15.9 23.9

108 15.6 13.0 19.4

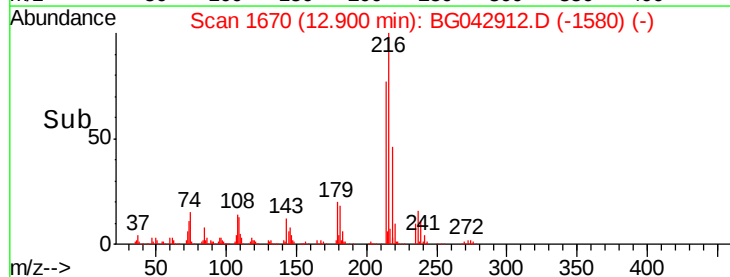
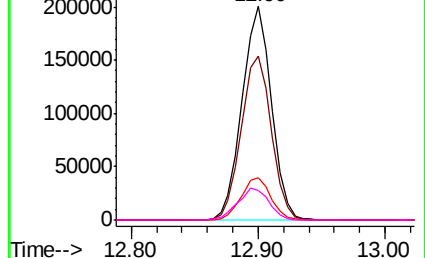


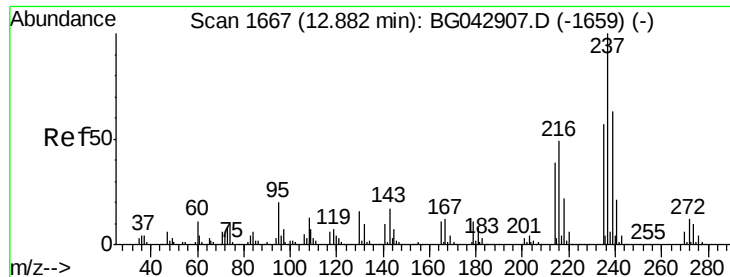
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.219 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

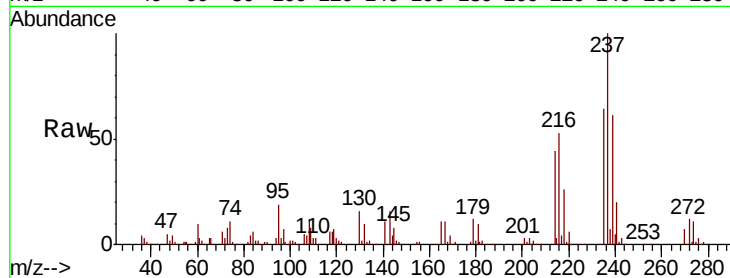
Tot Ion:237 Resp: 170830

Ion Ratio Lower Upper

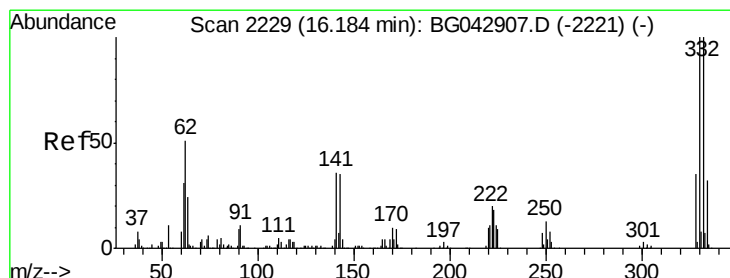
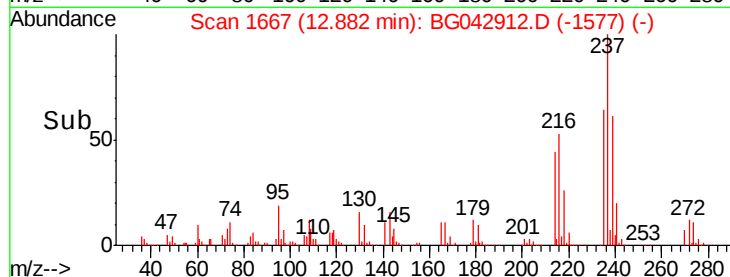
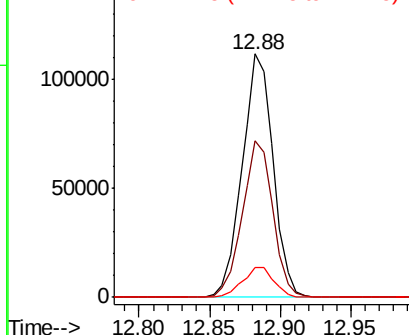
237 100

235 64.1 37.1 77.1

272 12.3 0.0 31.7



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: 82.056 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

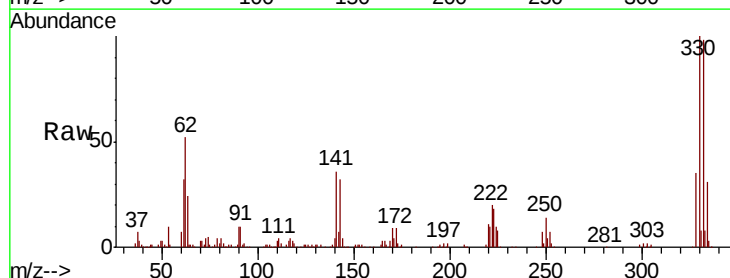
Tgt Ion:330 Resp: 254914

Ion Ratio Lower Upper

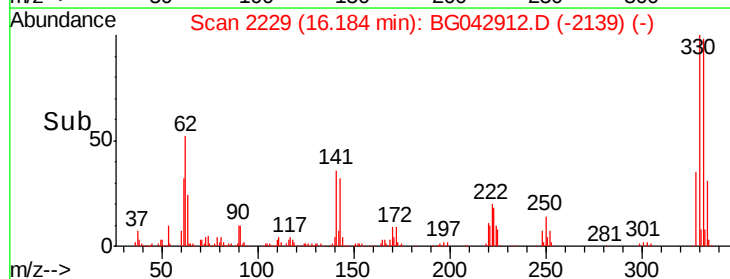
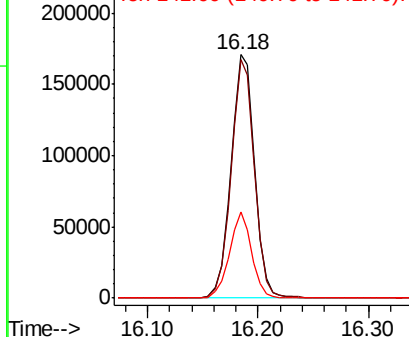
330 100

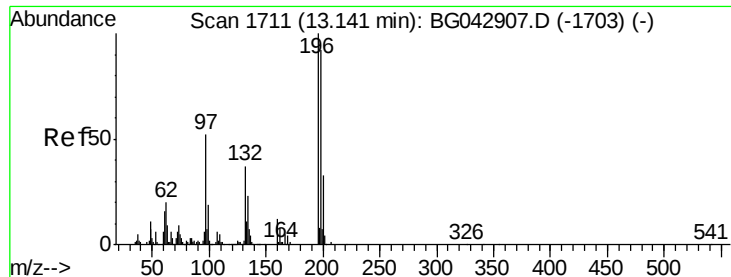
332 96.4 77.4 116.2

141 33.3 26.5 39.7



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

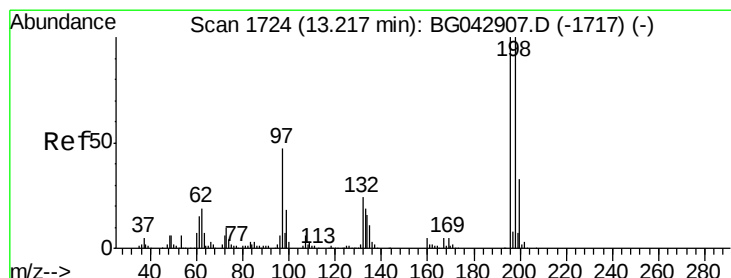
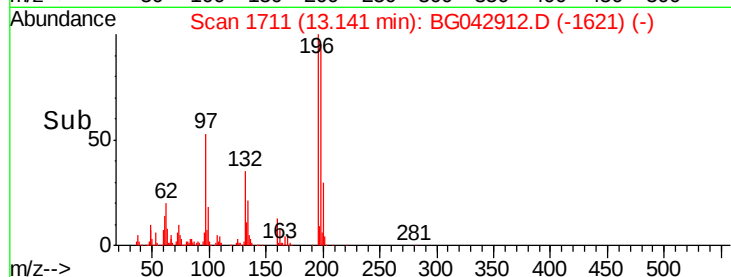
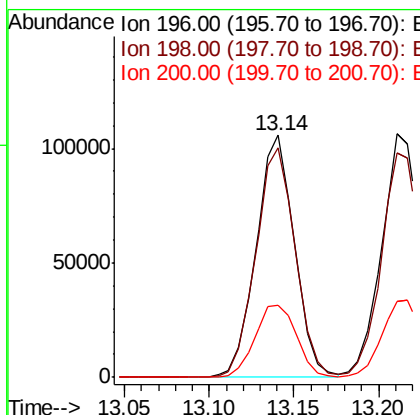
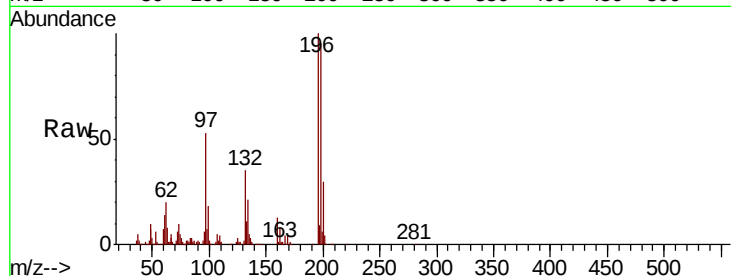




#43
 2,4,6-Trichlorophenol
 Concen: 38.964 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

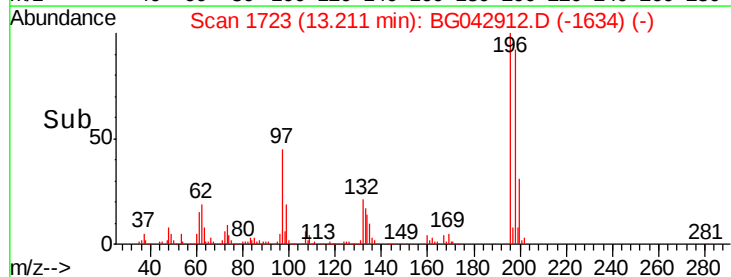
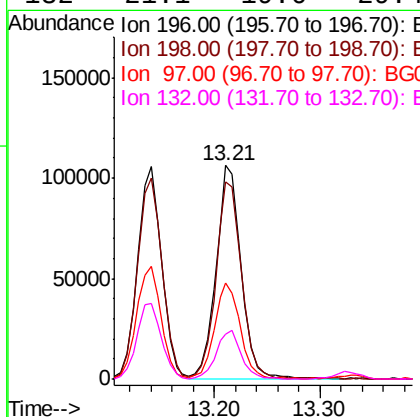
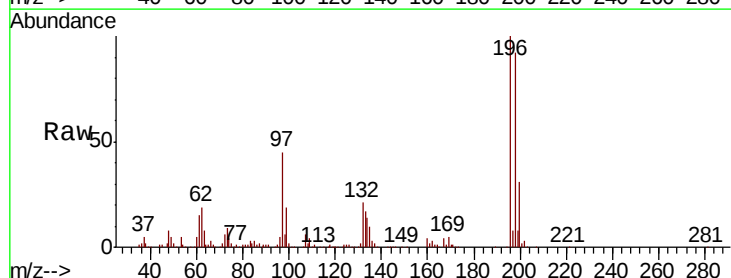
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

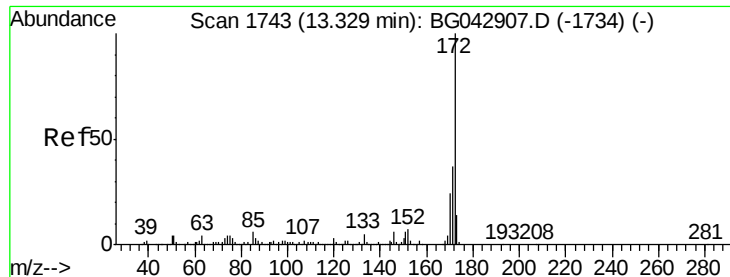
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	73.5	110.3
200	29.9	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.799 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	80.0	120.0
97	45.1	38.0	57.0
132	21.1	19.6	29.4

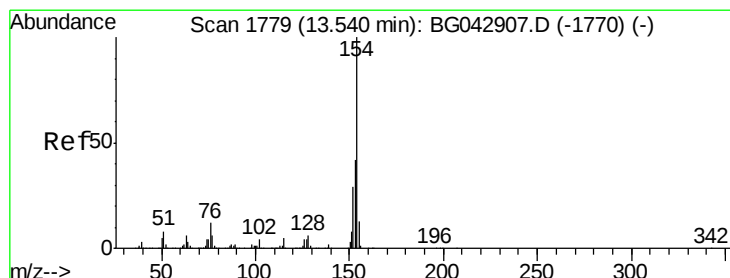
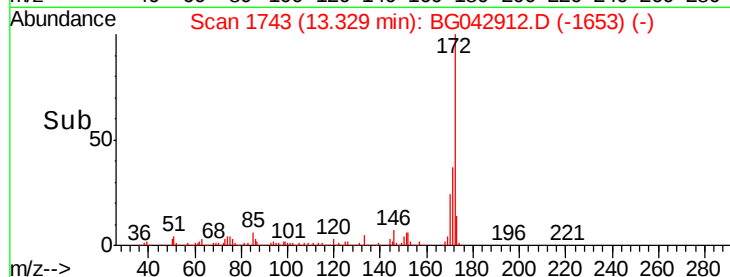
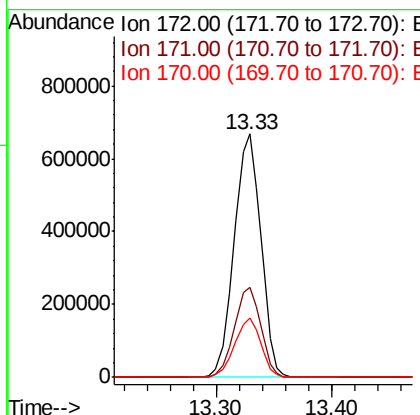
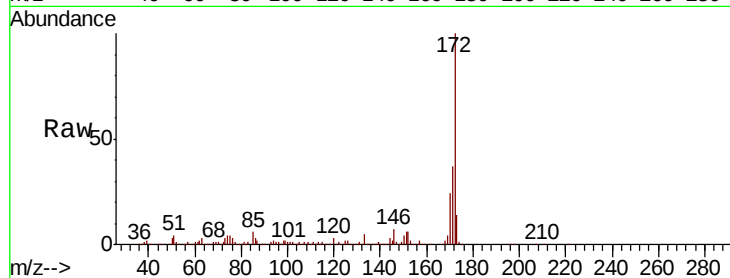




#45
2-Fluorobiphenyl
Concen: 79.561 ng
RT: 13.33 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

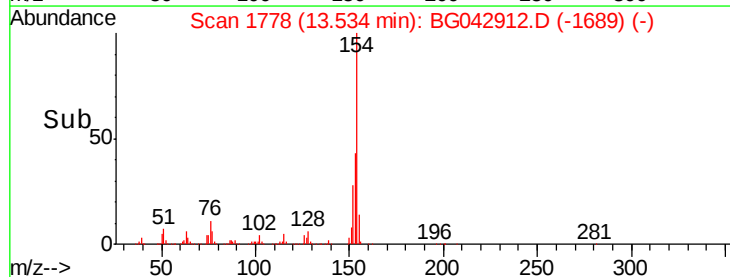
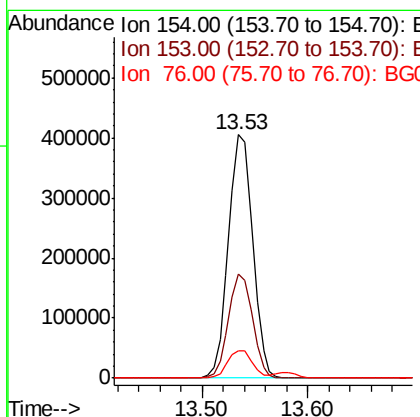
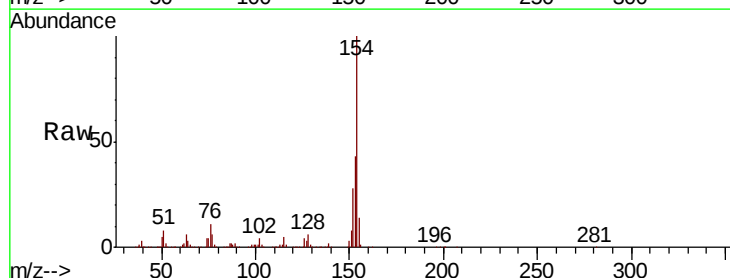
Instrument :
BNA_G
ClientSampleId :
ICVBG092119

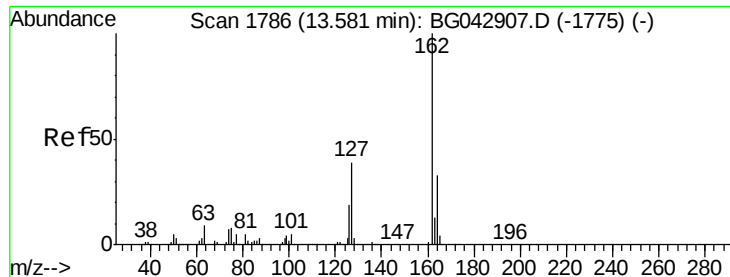
Tot Ion:172 Resp: 1068246
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 42.908 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion:154 Resp: 644219
Ion Ratio Lower Upper
154 100
153 43.0 22.3 62.3
76 11.1 0.0 32.0

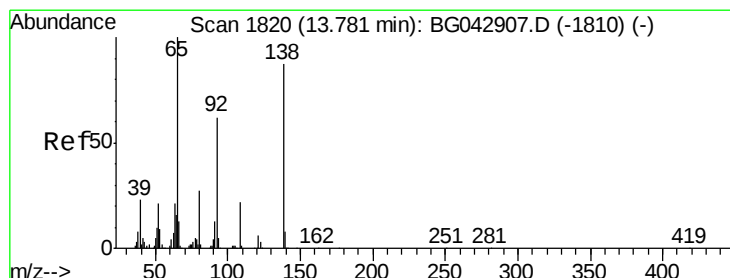
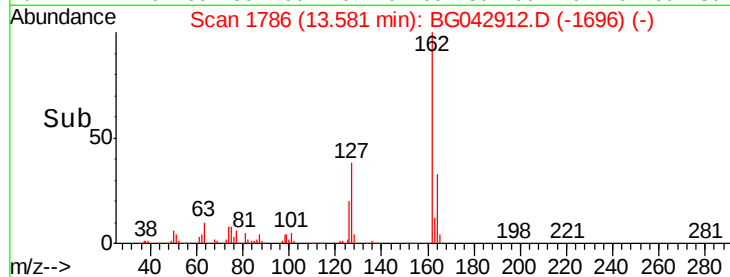
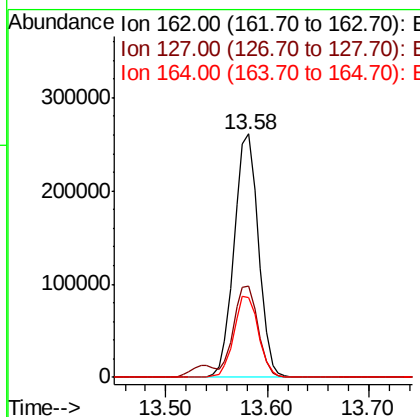
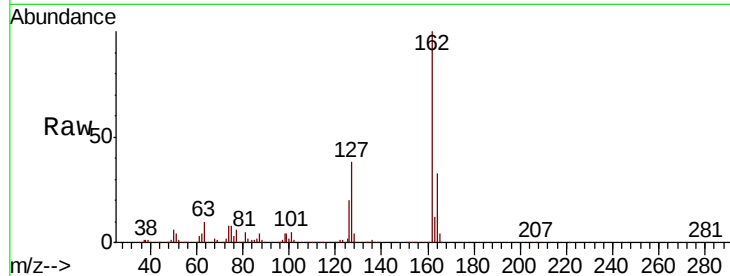




#47
 2-Chloronaphthalene
 Concen: 38.483 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

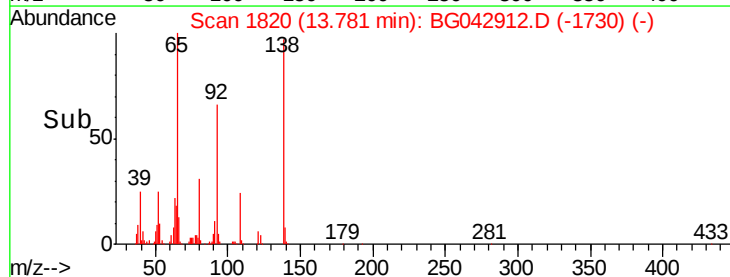
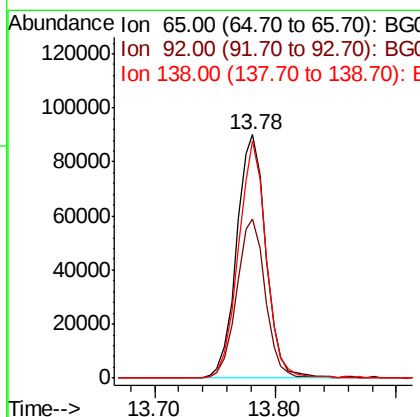
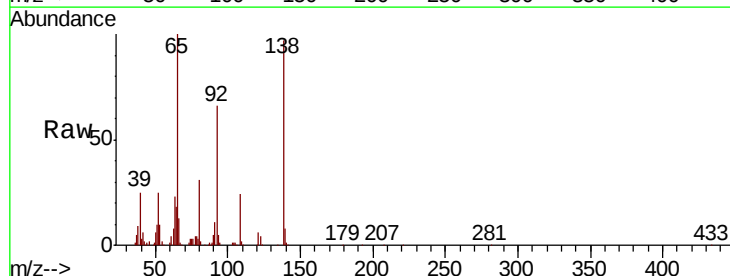
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

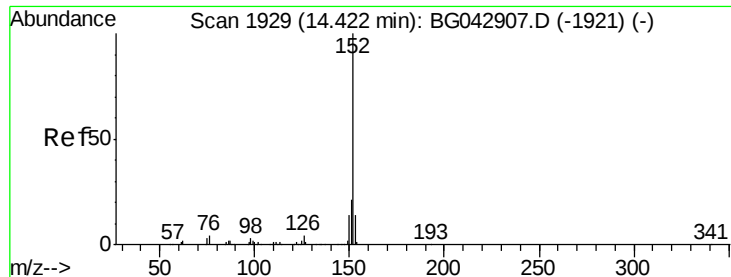
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	32.1	48.1
164	32.8	26.6	39.8



#48
 2-Nitroaniline
 Concen: 39.962 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	49.6	74.4
138	97.3	69.8	104.8





#49

Acenaphthylene

Concen: 39.825 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

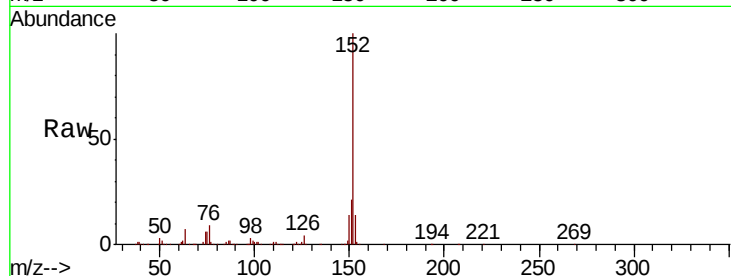
Tot Ion:152 Resp: 682119

Ion Ratio Lower Upper

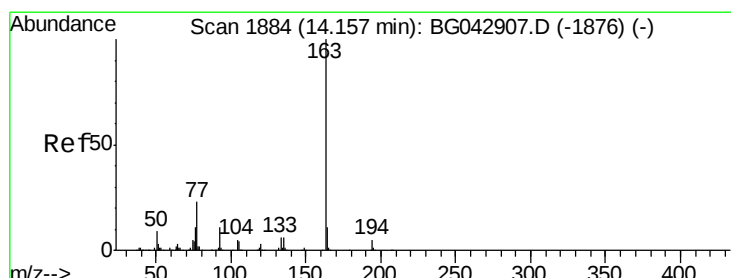
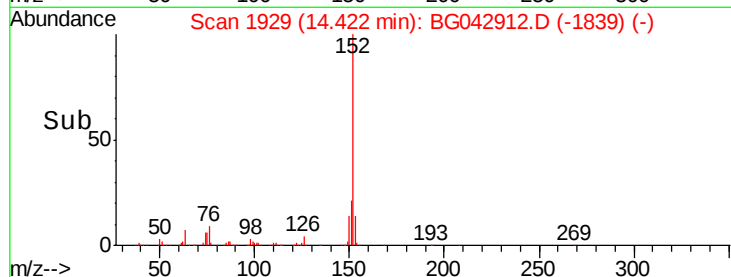
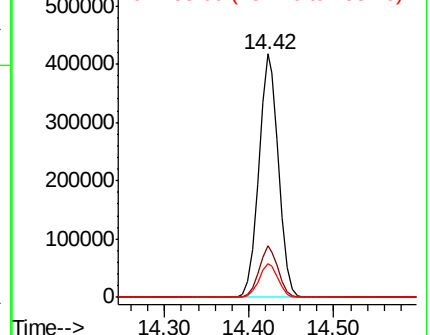
152 100

151 21.4 16.9 25.3

153 14.0 10.9 16.3



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: 40.613 ng

RT: 14.16 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

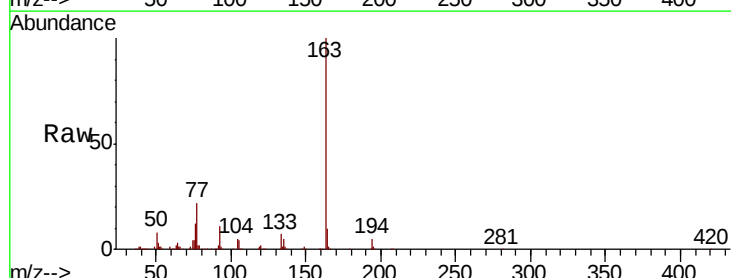
Tgt Ion:163 Resp: 585445

Ion Ratio Lower Upper

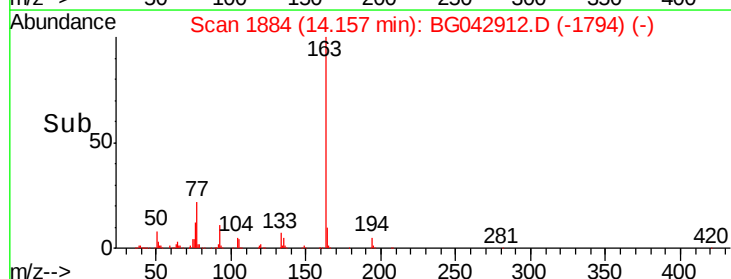
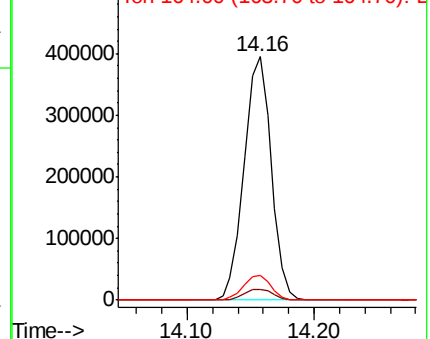
163 100

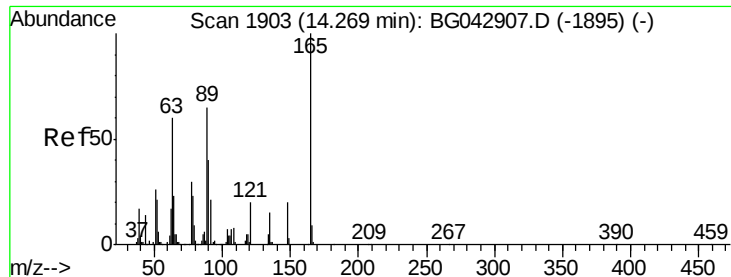
194 4.6 3.8 5.6

164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

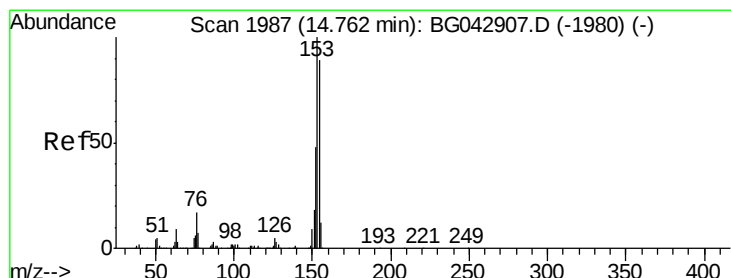
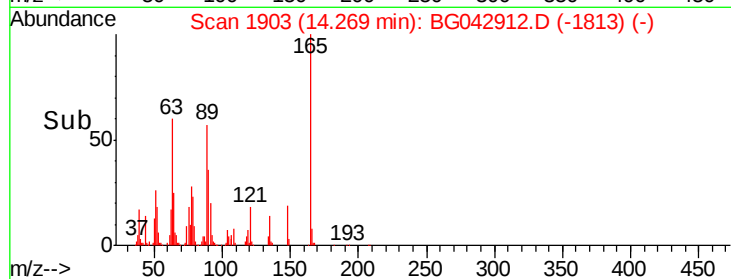
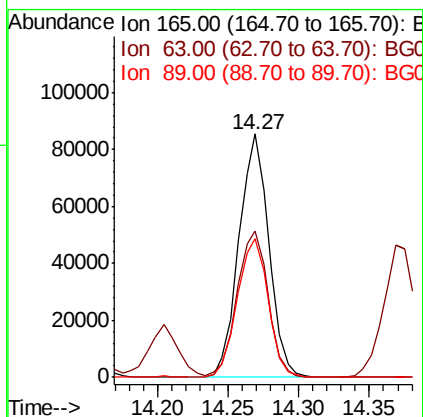
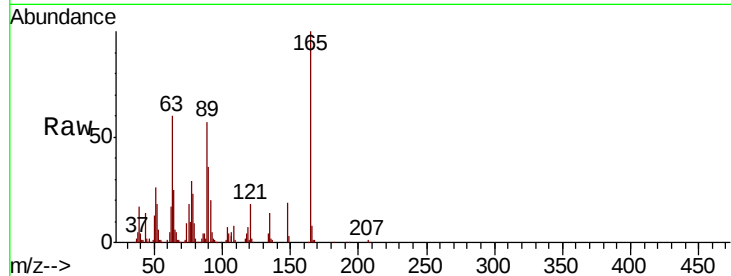




#51
2,6-Dinitrotoluene
Concen: 41.232 ng
RT: 14.27 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

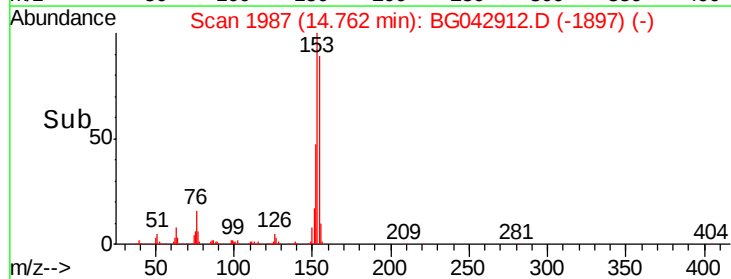
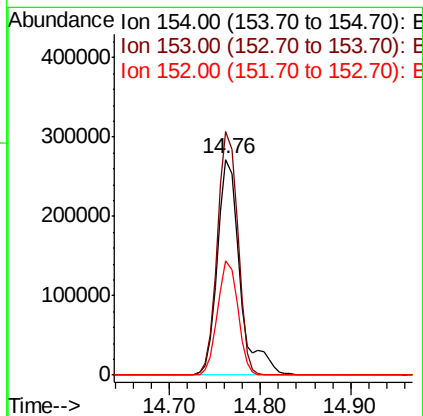
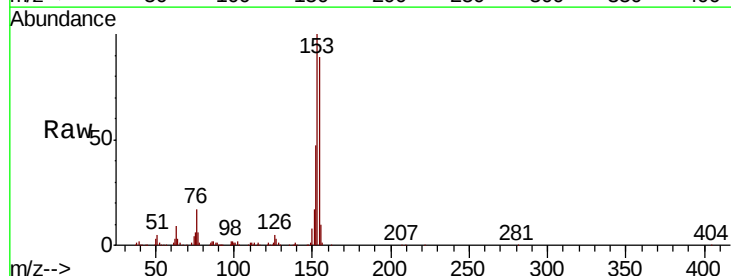
Instrument :
BNA_G
ClientSampleId :
ICVBG092119

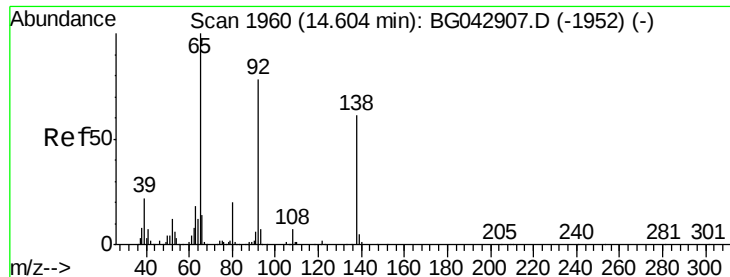
Tot Ion:165 Resp: 126600
Ion Ratio Lower Upper
165 100
63 60.4 52.6 79.0
89 56.7 52.2 78.4



#52
Acenaphthene
Concen: 41.337 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion:154 Resp: 468631
Ion Ratio Lower Upper
154 100
153 112.8 89.9 134.9
152 53.0 42.7 64.1

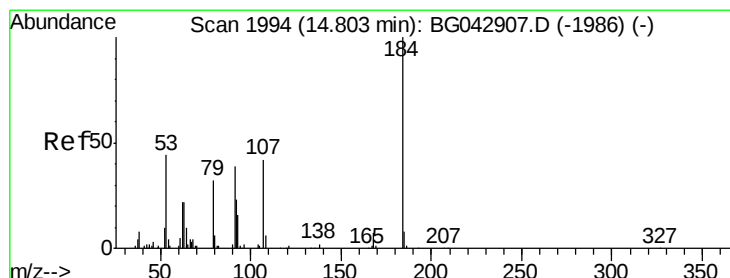
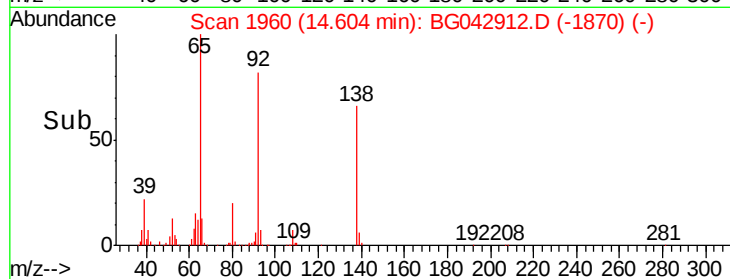
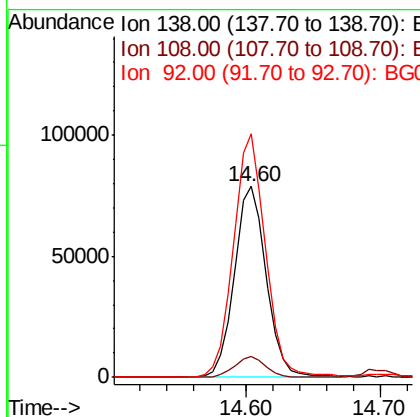
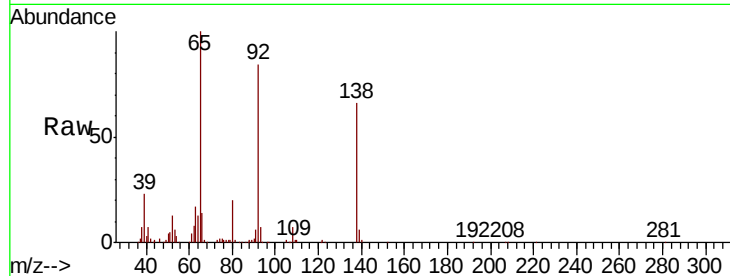




#53
3-Nitroaniline
Concen: 40.461 ng
RT: 14.60 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

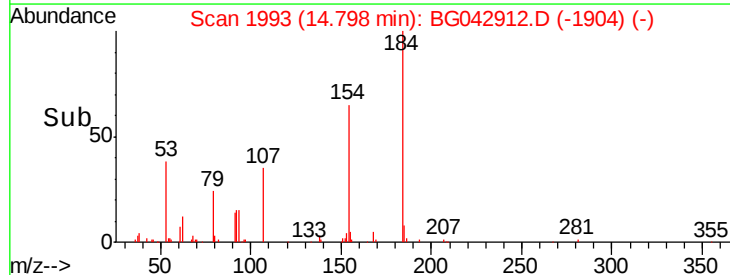
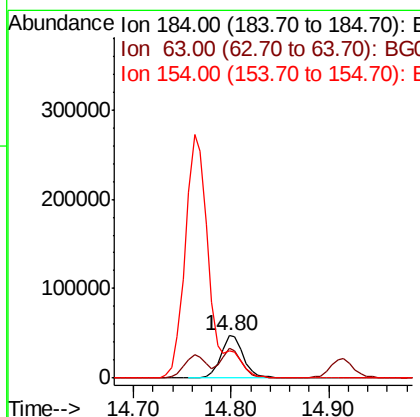
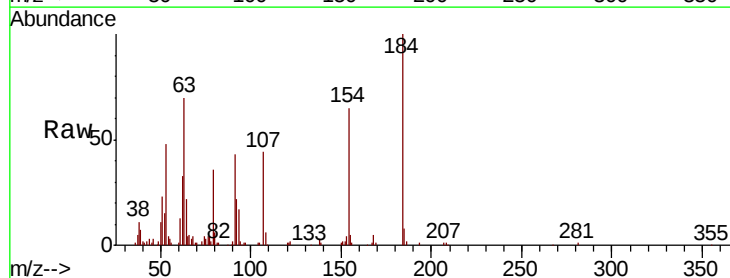
Instrument :
BNA_G
ClientSampleId :
ICVBG092119

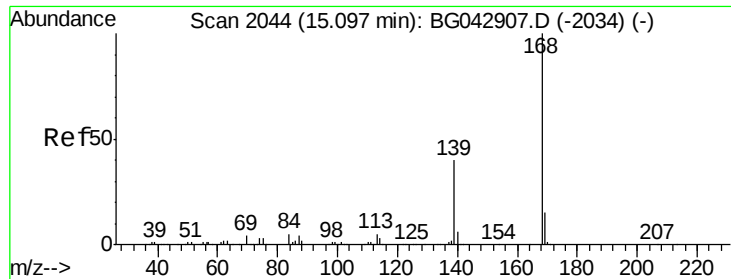
Tot Ion:138 Resp: 130574
Ion Ratio Lower Upper
138 100
108 10.9 9.7 14.5
92 127.5 103.0 154.6



#54
2,4-Dinitrophenol
Concen: 42.756 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion:184 Resp: 77349
Ion Ratio Lower Upper
184 100
63 70.1 55.0 82.4
154 64.5 54.2 81.4

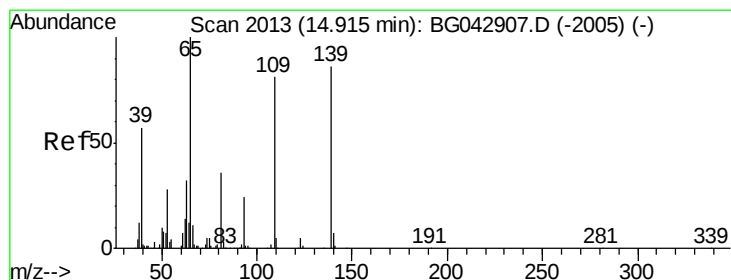
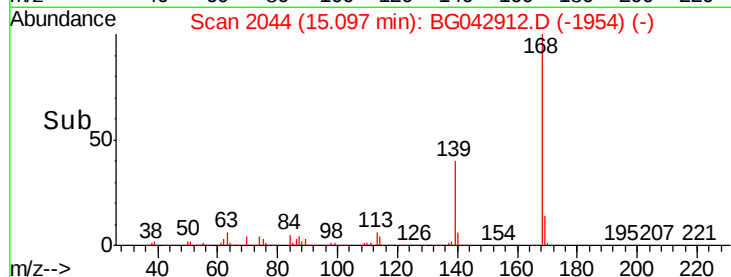
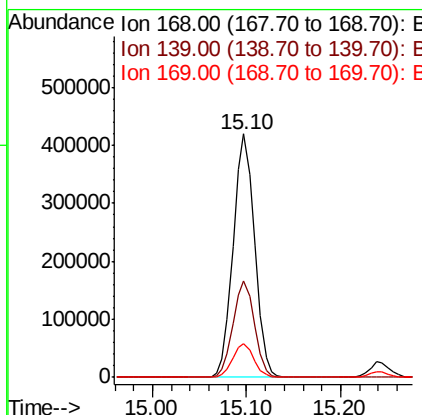
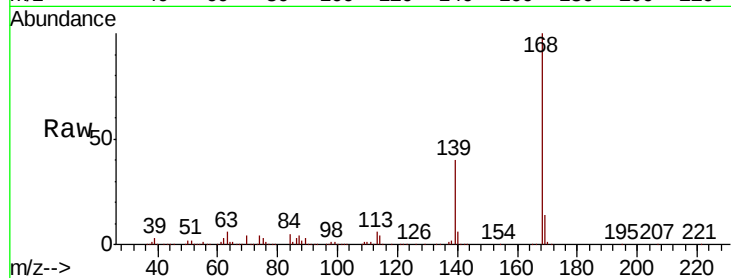




#55
Dibenzenofuran
Concen: 39.375 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

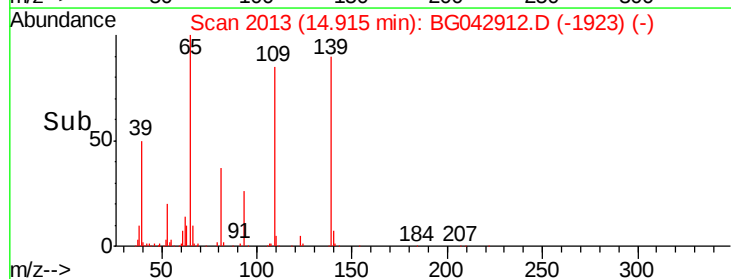
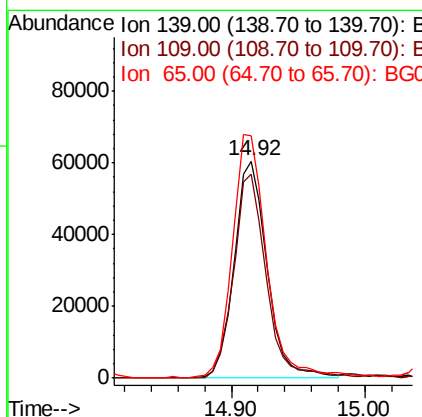
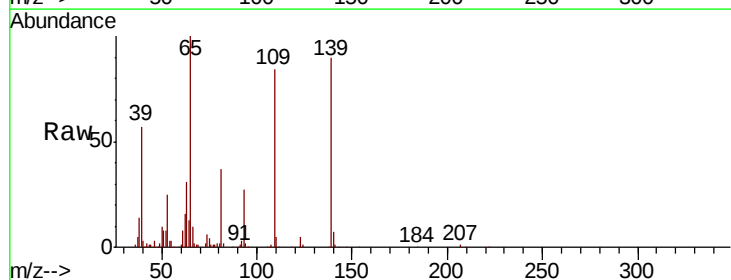
Instrument :
BNA_G
ClientSampleId :
ICVBG092119

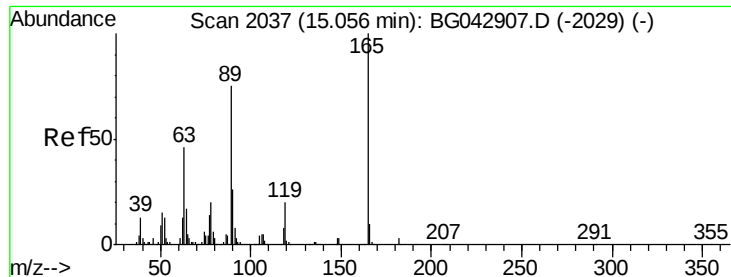
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.4	48.6
169	13.9	11.6	17.4



#56
4-Nitrophenol
Concen: 41.991 ng
RT: 14.92 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.8	73.4	113.4
65	111.4	96.0	136.0

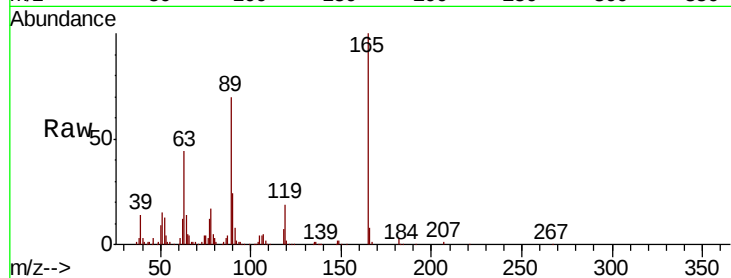




#57
 2,4-Dinitrotoluene
 Concen: 41.600 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	37.4	56.0
89	70.3	59.8	89.8
182	3.2	2.3	3.5



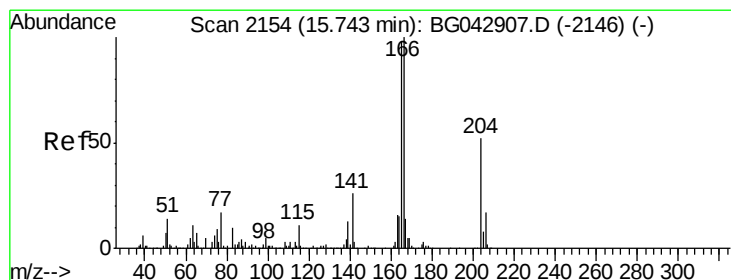
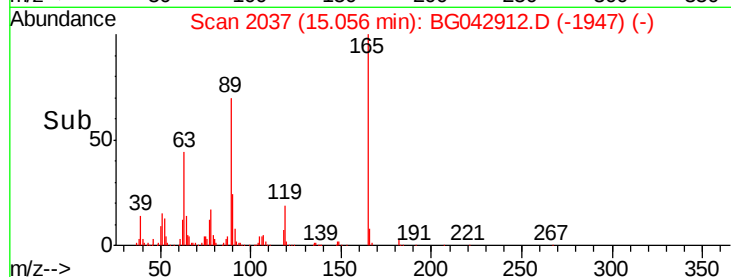
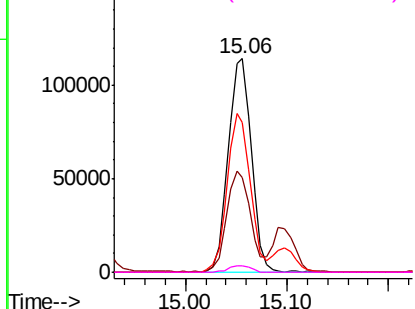
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

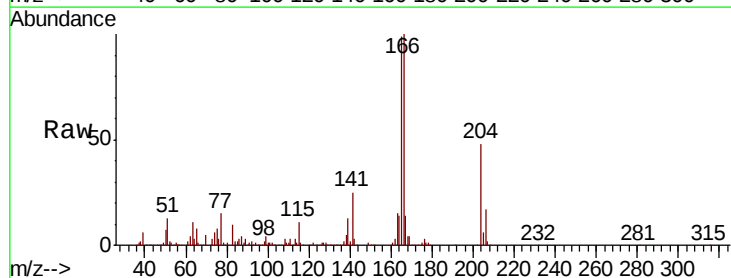
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.581 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.2
167	13.8	10.9	16.3

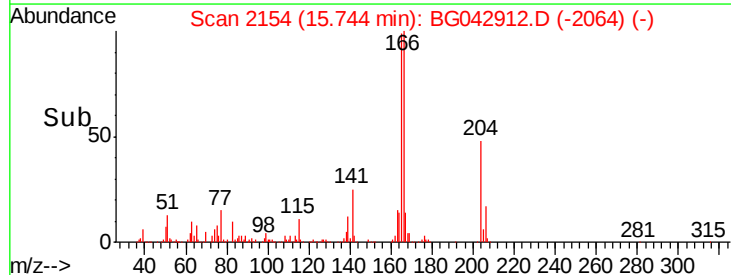
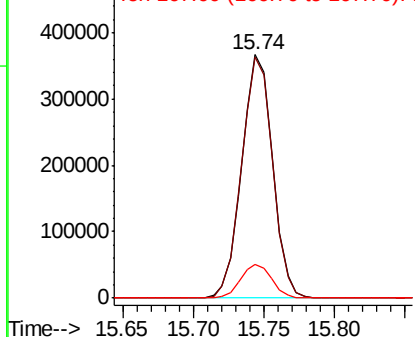


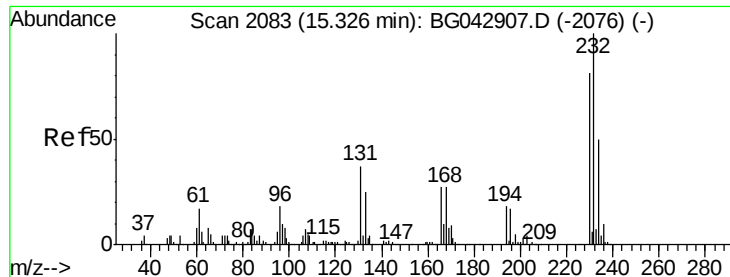
Abundance

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

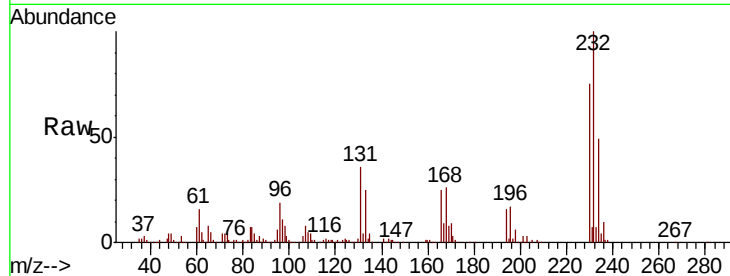




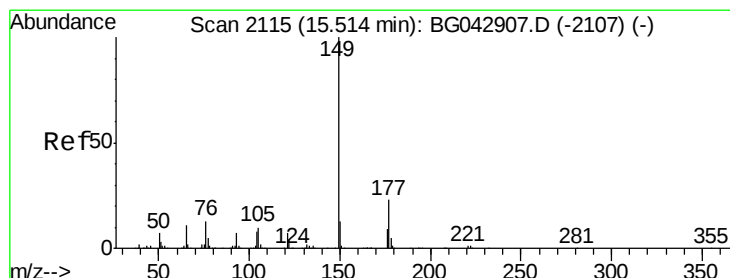
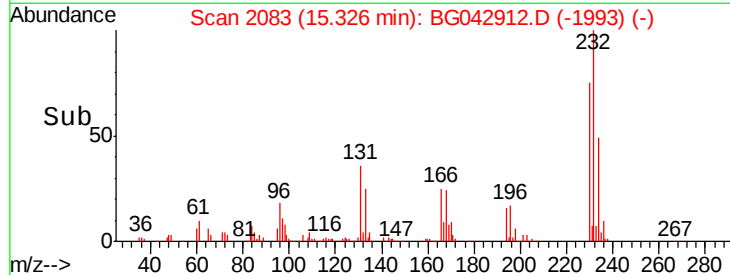
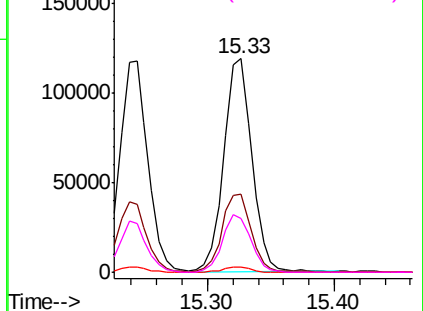
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.399 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

Tot Ion:232	Resp:	181869
Ion	Ratio	Lower Upper
232	100	
131	38.0	30.7 46.1
130	2.5	2.0 3.0
166	27.4	22.1 33.1

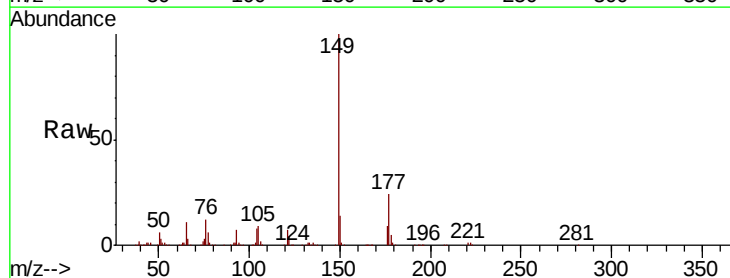


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

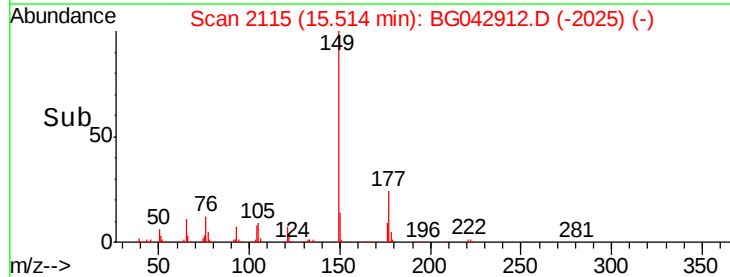
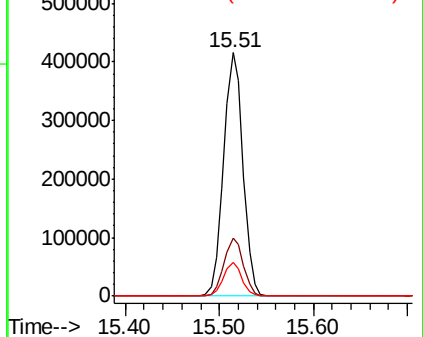


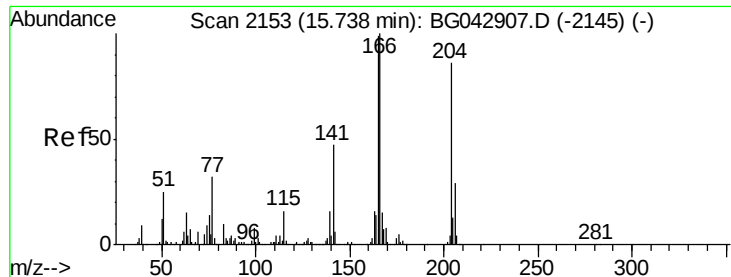
#60
 Diethylphthalate
 Concen: 40.858 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Tgt Ion:149	Resp:	594256
Ion	Ratio	Lower Upper
149	100	
177	24.0	18.4 27.6
150	13.6	10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

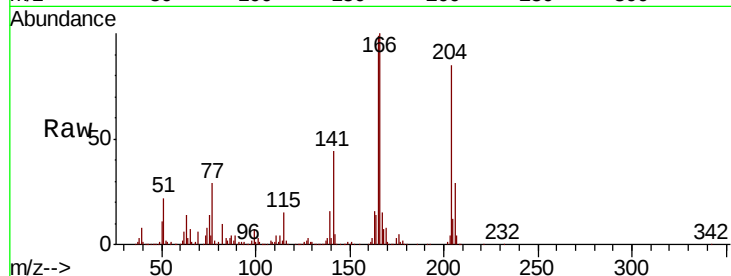




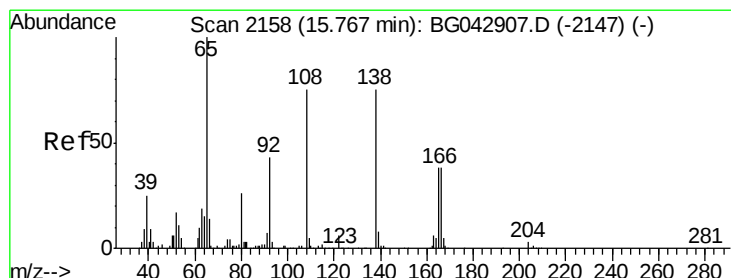
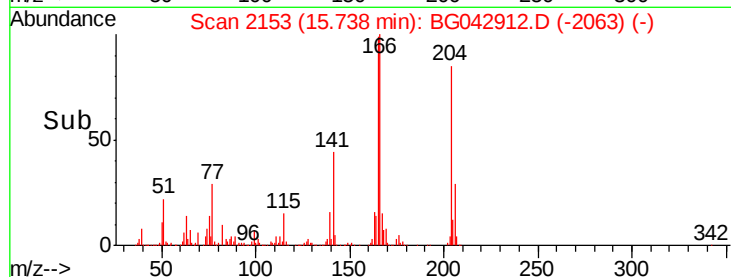
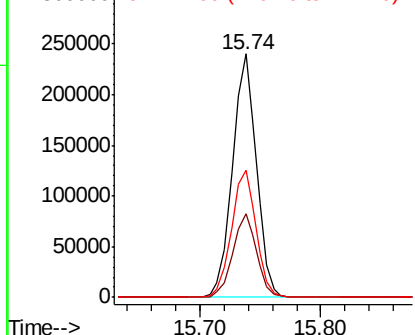
#61
4-Chlorophenyl-phenylether
Concen: 39.394 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Instrument :
BNA_G
ClientSampleId :
ICVBG092119

Tot Ion:204 Resp: 331637
Ion Ratio Lower Upper
204 100
206 34.6 27.4 41.0
141 52.4 43.7 65.5

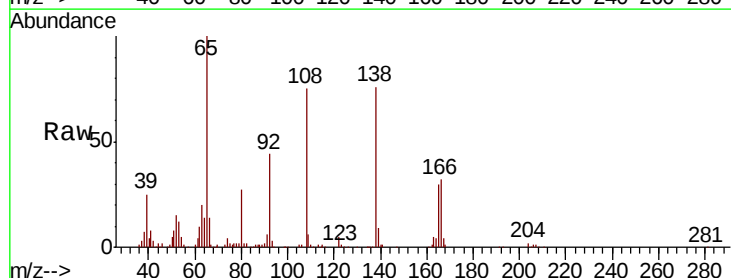


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

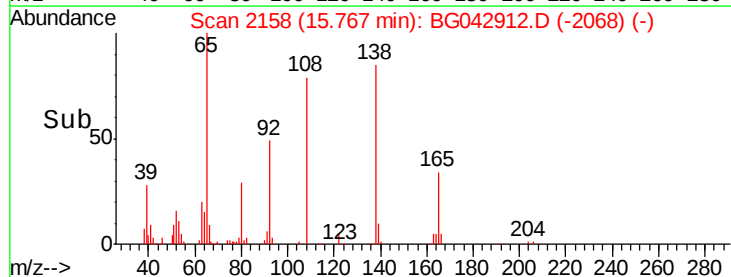
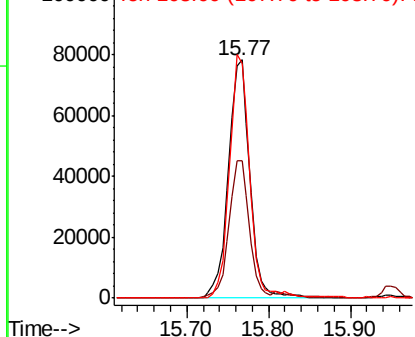


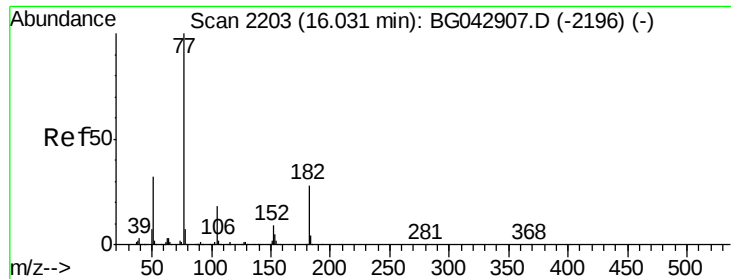
#62
4-Nitroaniline
Concen: 41.125 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion:138 Resp: 143701
Ion Ratio Lower Upper
138 100
92 57.8 37.3 77.3
108 98.9 80.7 120.7



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

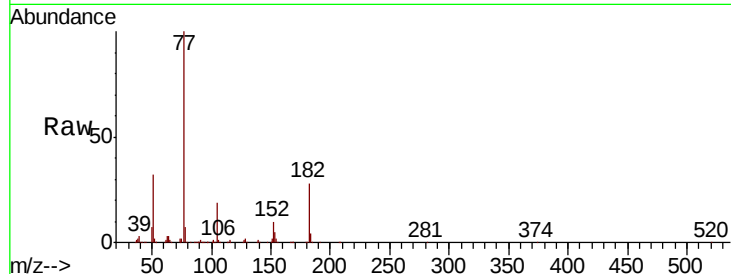




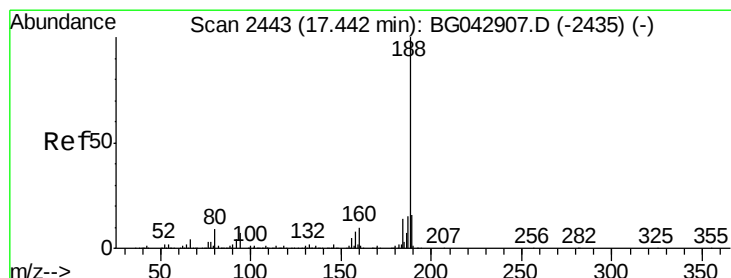
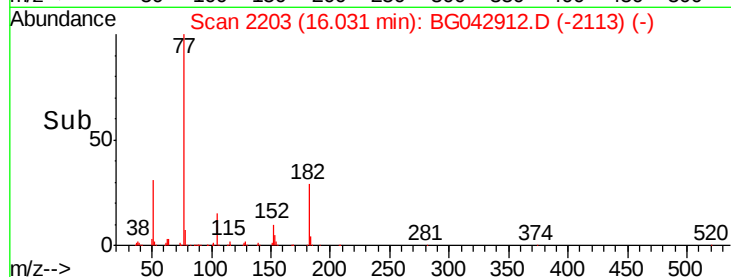
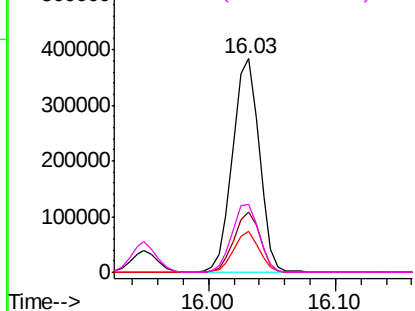
#63
Azobenzene
Concen: 39.935 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Instrument :
BNA_G
ClientSampleId :
ICVBG092119

Tot Ion: 77 Resp: 558151
Ion Ratio Lower Upper
77 100
182 28.4 7.9 47.9
105 19.3 0.0 38.2
51 31.8 12.5 52.5

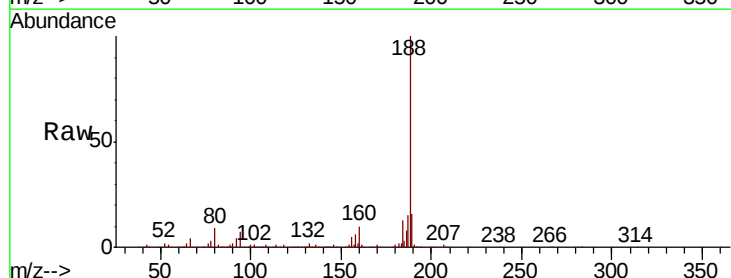


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

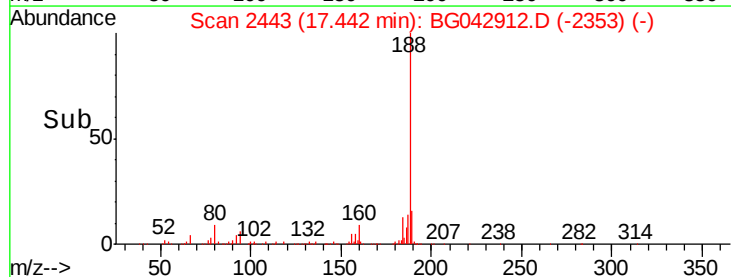
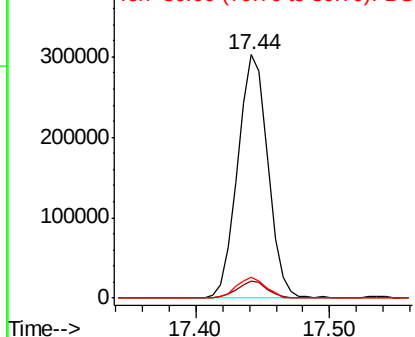


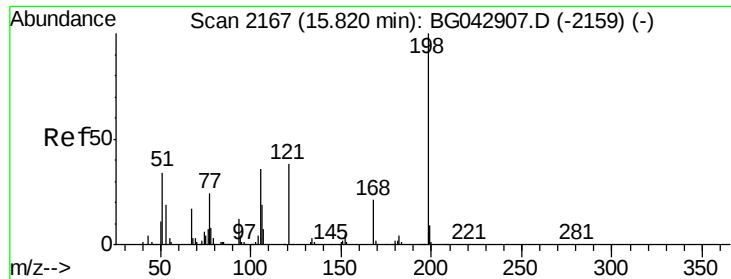
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion: 188 Resp: 473135
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.8 6.9 10.3



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

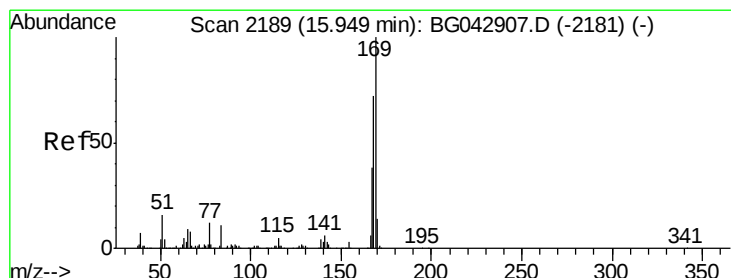
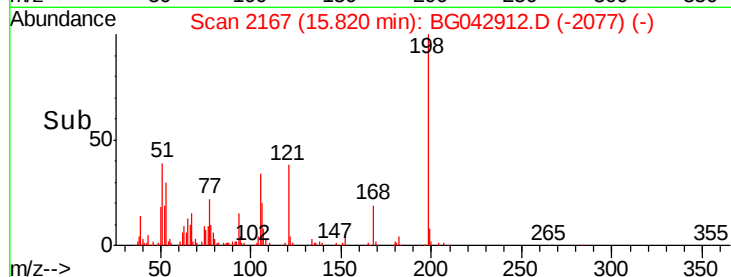
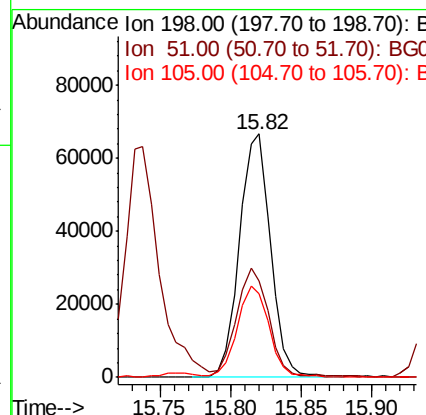
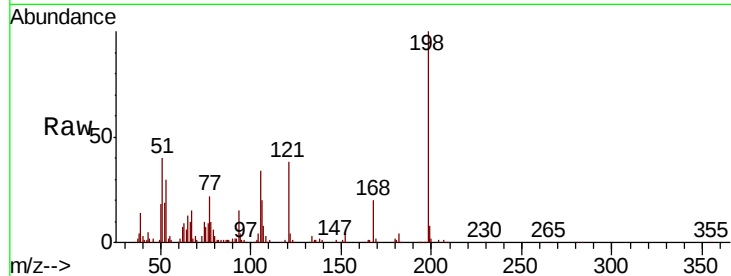




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.014 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

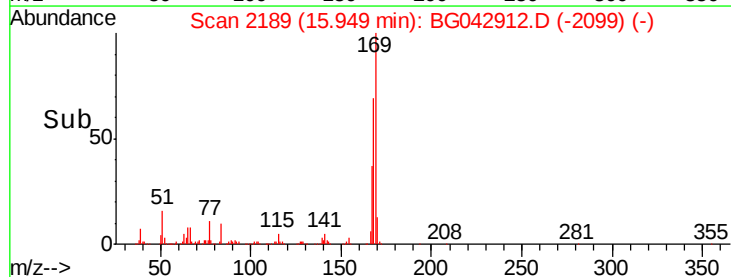
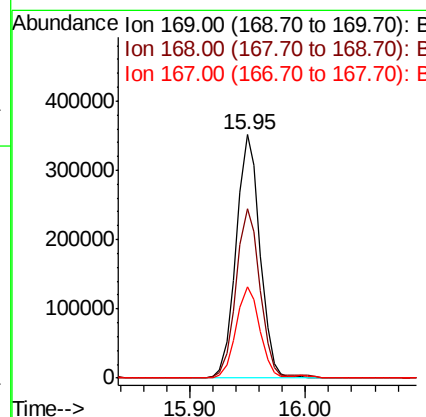
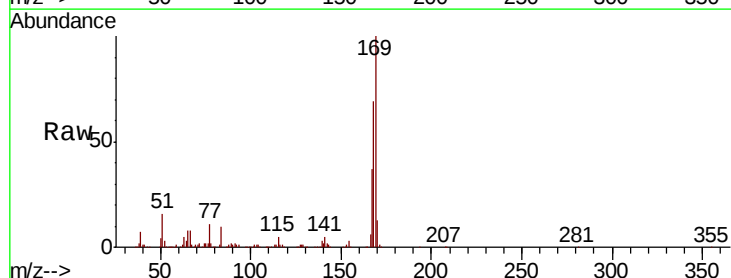
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

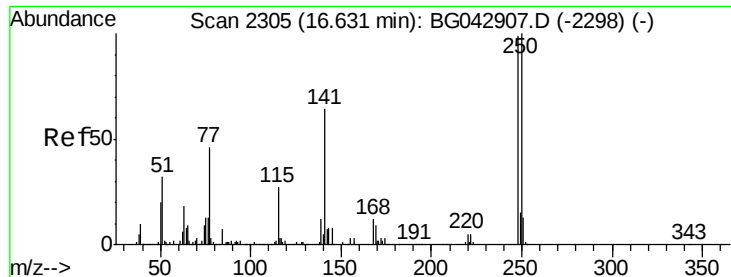
Tot Ion:198 Resp: 102771
 Ion Ratio Lower Upper
 198 100
 51 39.5 21.9 61.9
 105 34.5 17.7 57.7



#66
 n-Nitrosodiphenylamine
 Concen: 39.454 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Tgt Ion:169 Resp: 501772
 Ion Ratio Lower Upper
 169 100
 168 69.4 57.4 86.2
 167 37.3 30.3 45.5





#67

4-Bromophenyl-phenylether

Concen: 38.987 ng

RT: 16.63 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

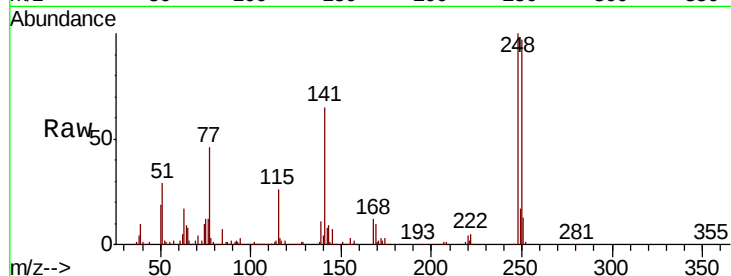
Tot Ion:248 Resp: 226937

Ion Ratio Lower Upper

248 100

250 96.5 80.8 121.2

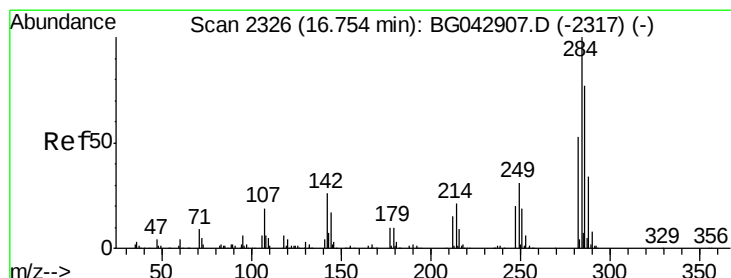
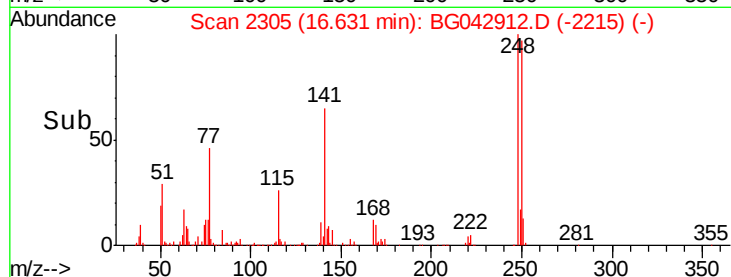
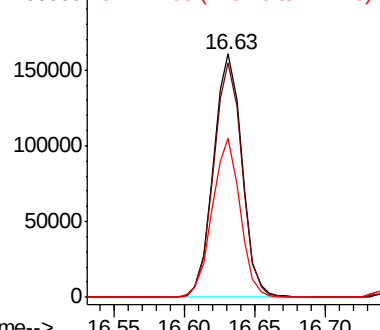
141 65.2 51.8 77.6



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: 39.226 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

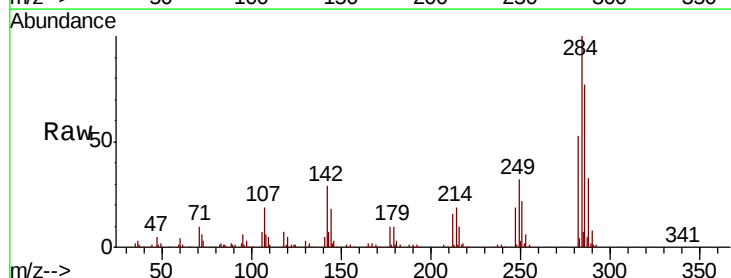
Tgt Ion:284 Resp: 251892

Ion Ratio Lower Upper

284 100

142 29.4 21.1 31.7

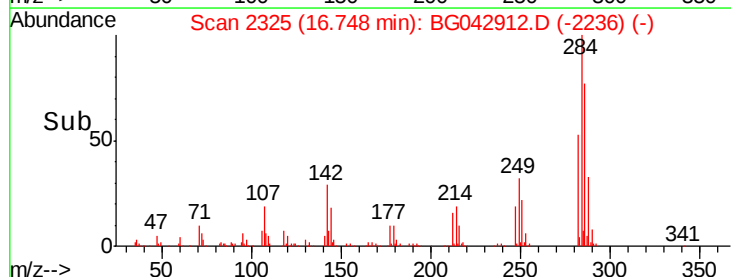
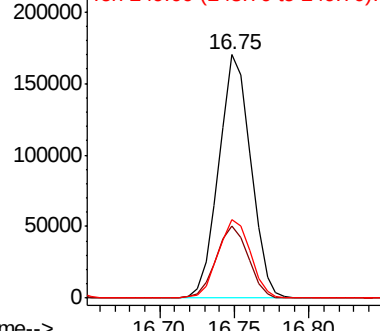
249 32.4 24.8 37.2

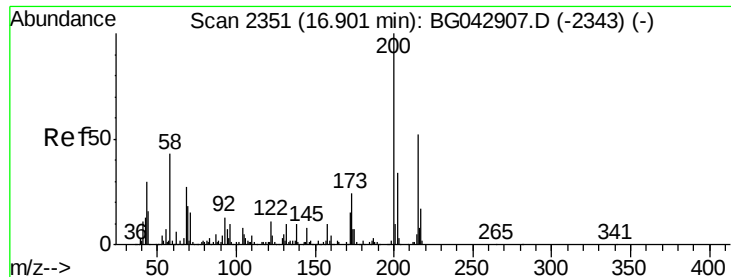


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.409 ng

RT: 16.90 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

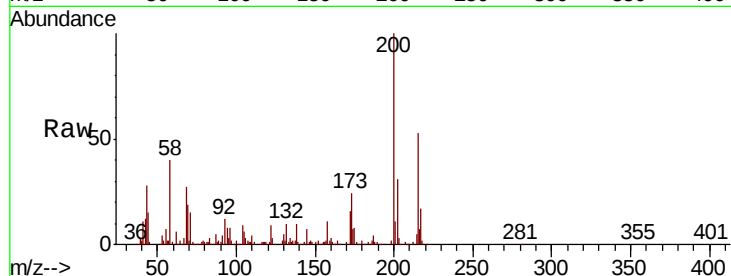
Tot Ion:200 Resp: 212053

Ion Ratio Lower Upper

200 100

173 24.3 4.2 44.2

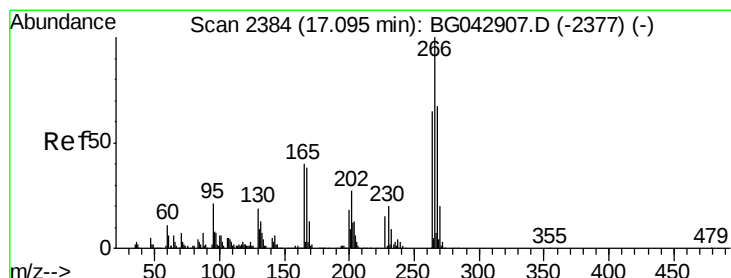
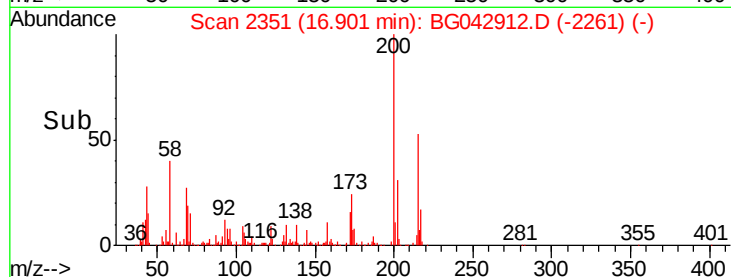
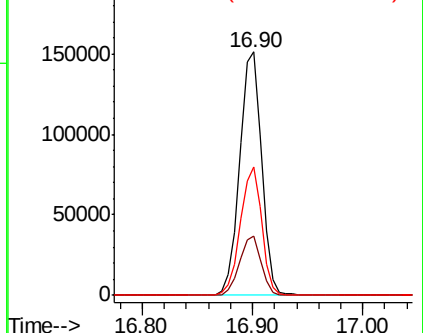
215 52.6 32.5 72.5



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: 40.336 ng

RT: 17.09 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

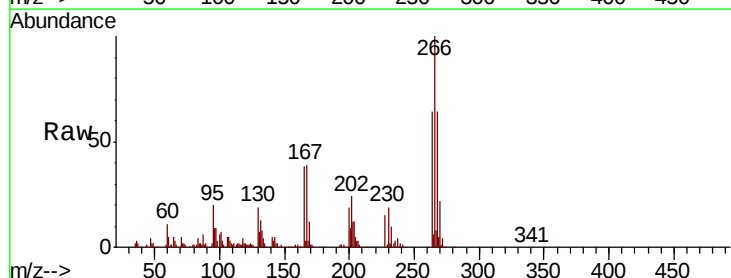
Tgt Ion:266 Resp: 148893

Ion Ratio Lower Upper

266 100

268 63.7 53.6 80.4

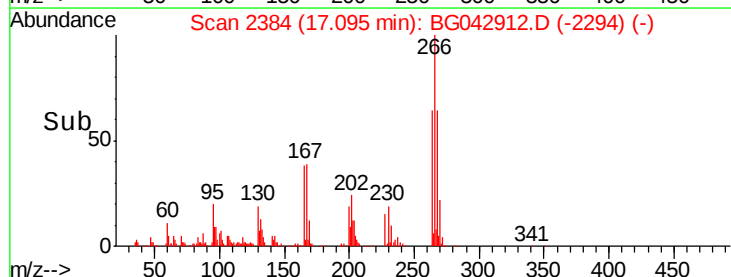
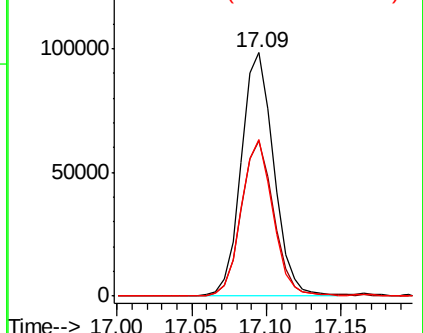
264 64.1 51.7 77.5

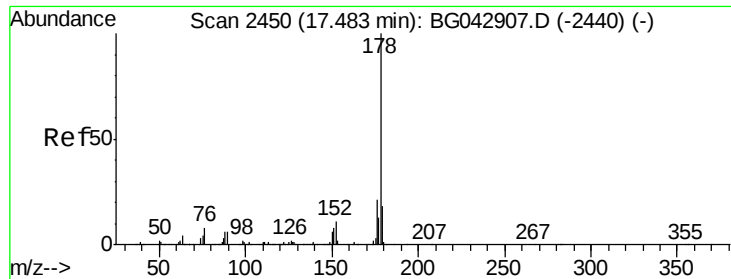


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

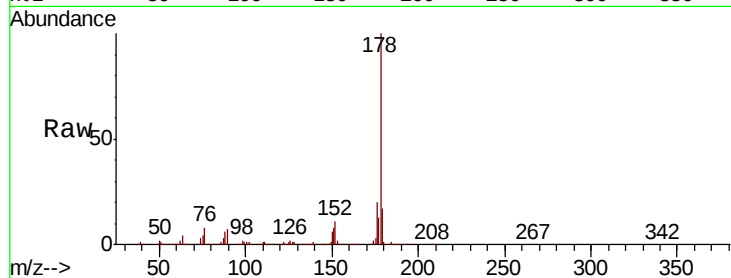




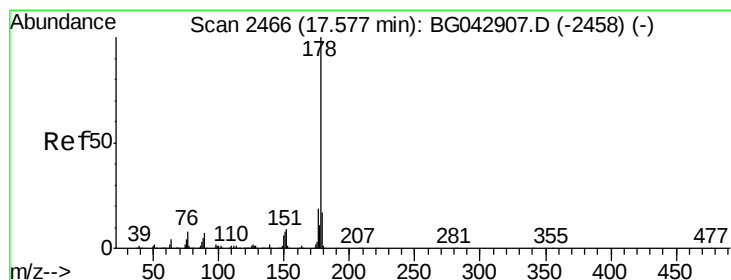
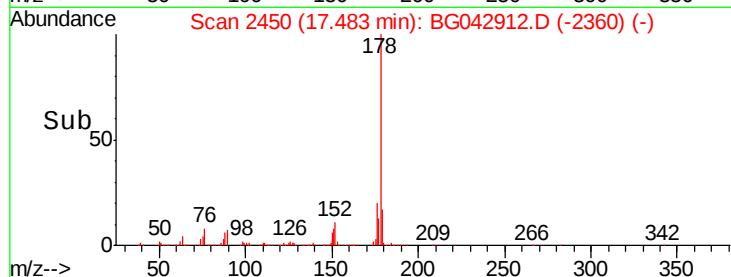
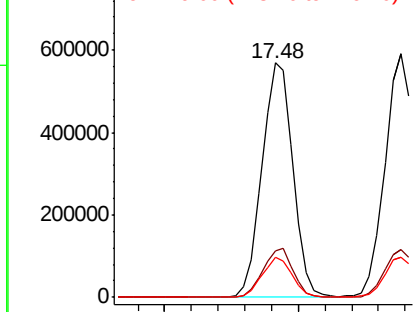
#71
Phenanthrene
Concen: 39.637 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Instrument :
BNA_G
ClientSampleId :
ICVBG092119

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.9	25.3
179	17.1	14.4	21.6

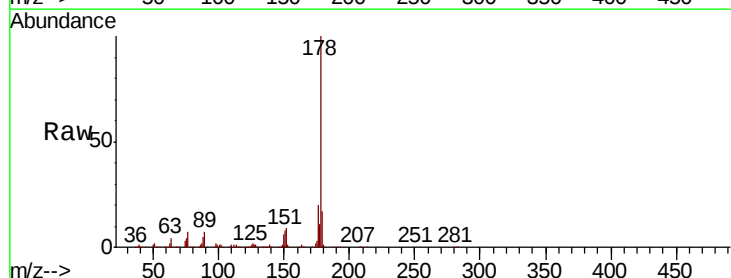


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

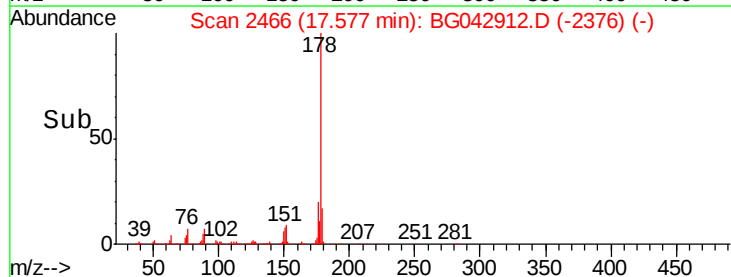
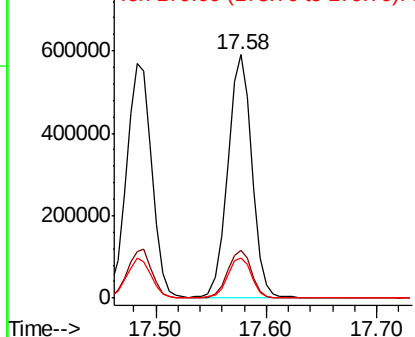


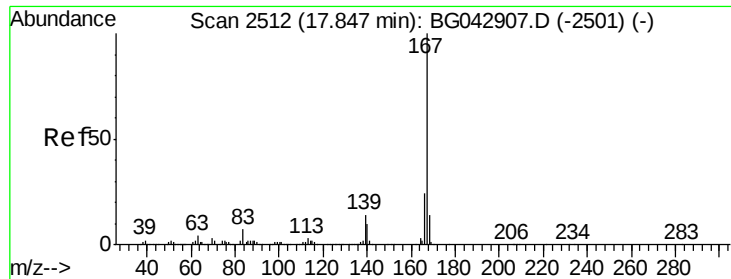
#72
Anthracene
Concen: 39.563 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG042912.D
Acq: 21 Sep 2019 15:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	16.7	13.6	20.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

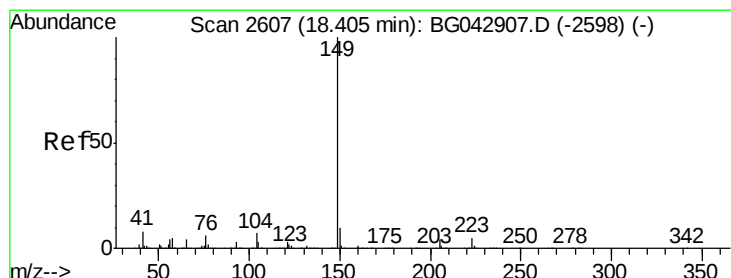
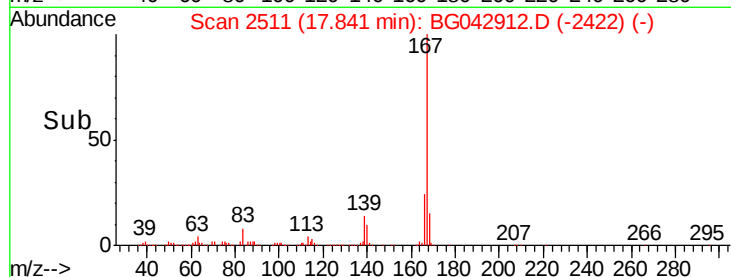
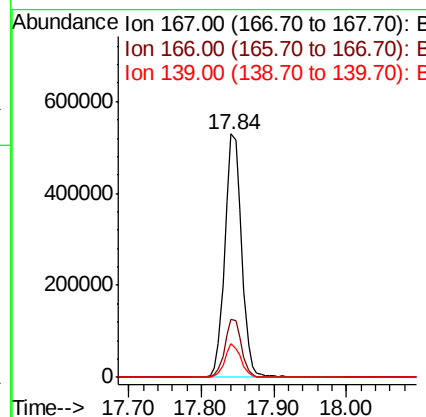
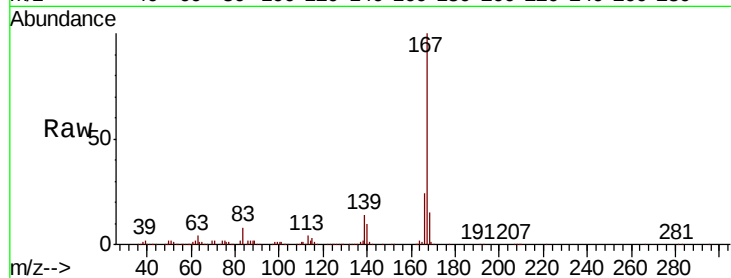




#73
 Carbazole
 Concen: 39.997 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

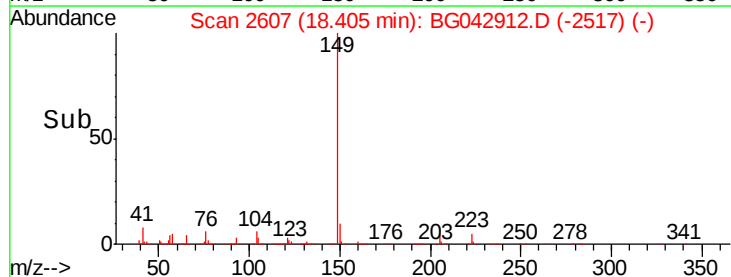
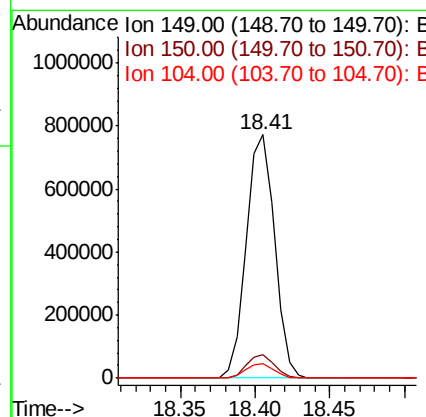
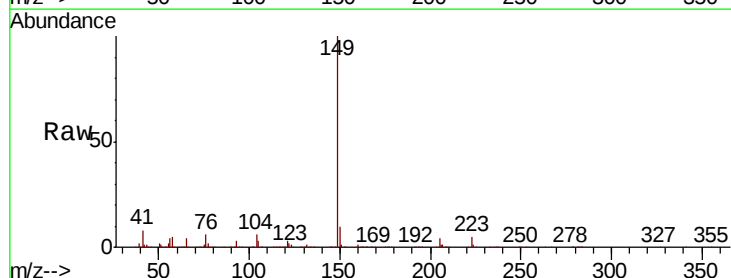
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092119

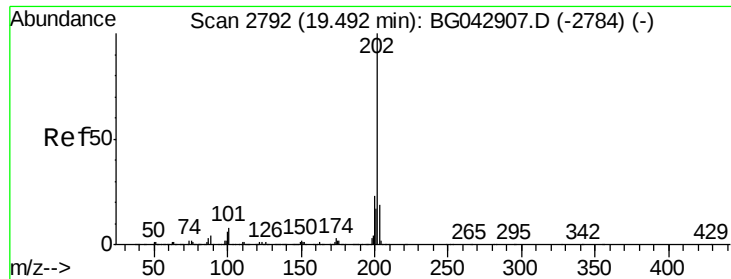
Tot Ion:167 Resp: 852416
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.3 28.9
 139 13.6 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 40.822 ng
 RT: 18.41 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: BG042912.D
 Acq: 21 Sep 2019 15:43

Tgt Ion:149 Resp: 1012891
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.1 12.1
 104 6.2 5.2 7.8





#75

Fluoranthene

Concen: 40.459 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

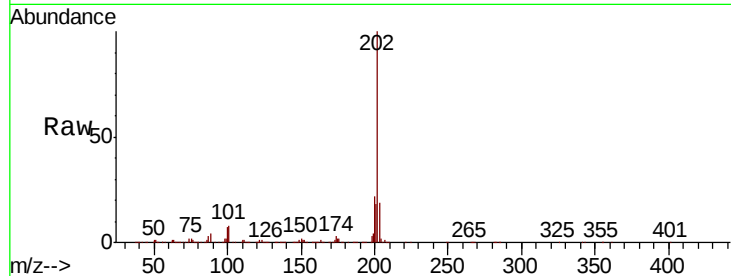
Tot Ion:202 Resp: 1178075

Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.7

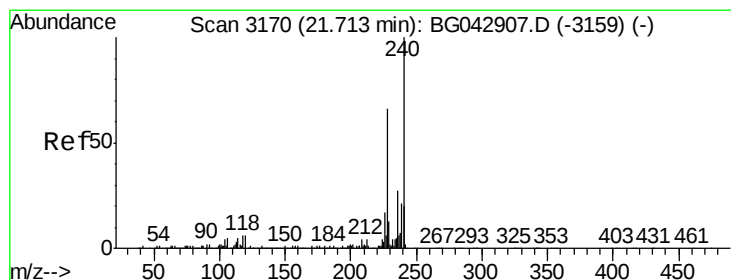
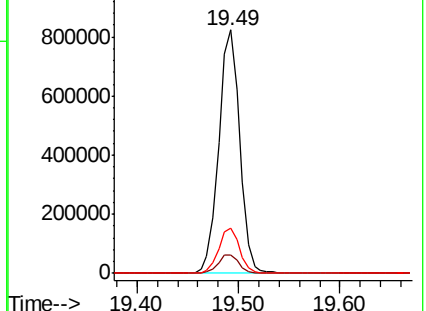
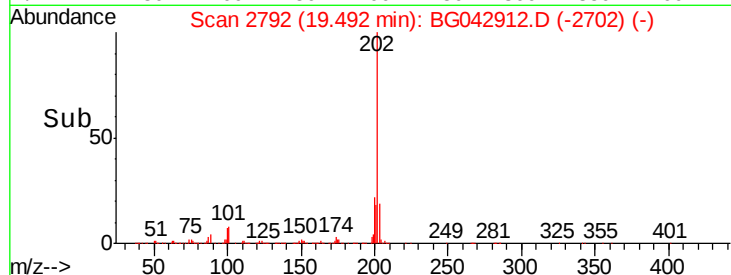
203 18.7 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

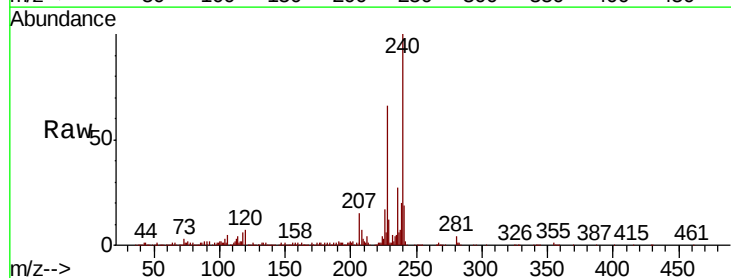
Tgt Ion:240 Resp: 498551

Ion Ratio Lower Upper

240 100

120 6.9 5.2 7.8

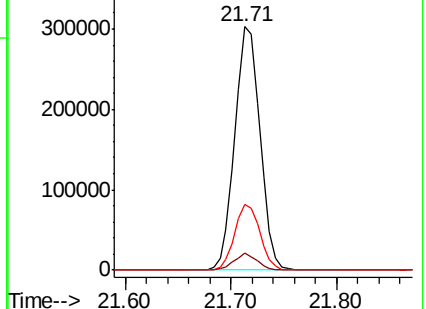
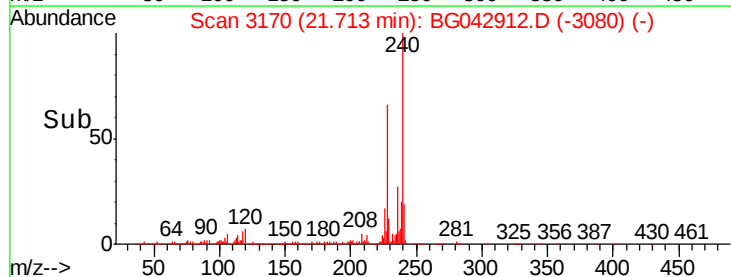
236 27.1 21.7 32.5

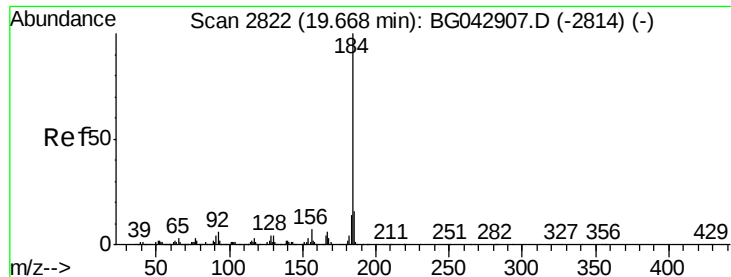


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.798 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

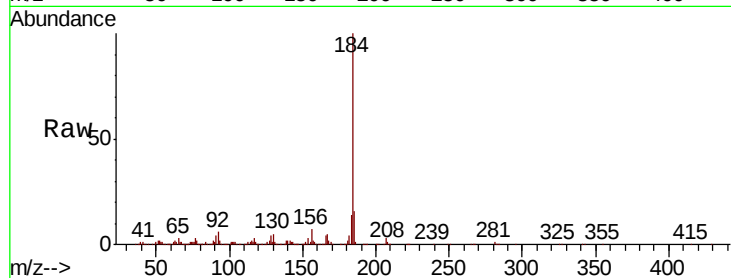
BNA_G

ClientSampleId :

ICVBG092119

Tot Ion:184 Resp: 550787

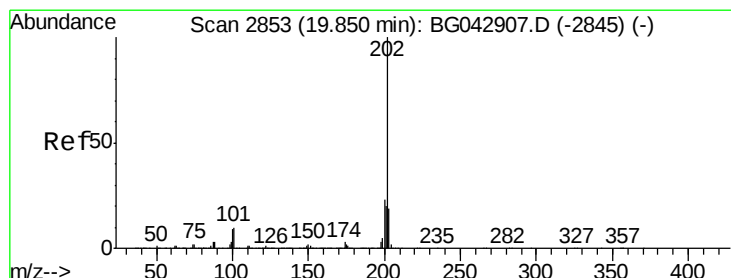
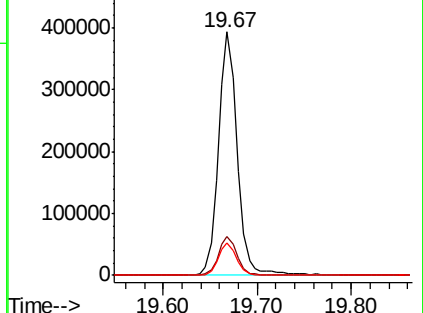
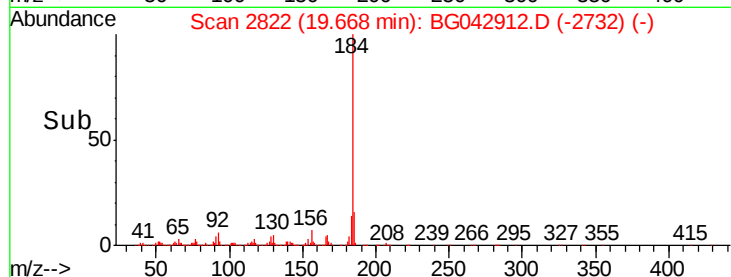
Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.6	19.0
183	13.5	10.9	16.3



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: 40.049 ng

RT: 19.85 min Scan# 2853

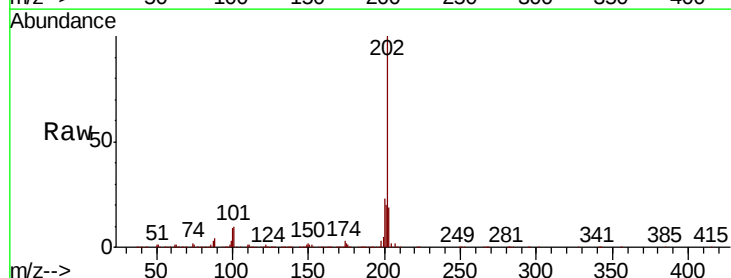
Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Tgt Ion:202 Resp: 1190814

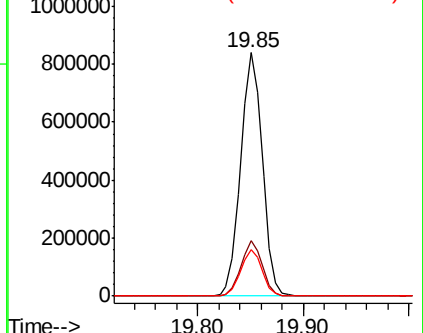
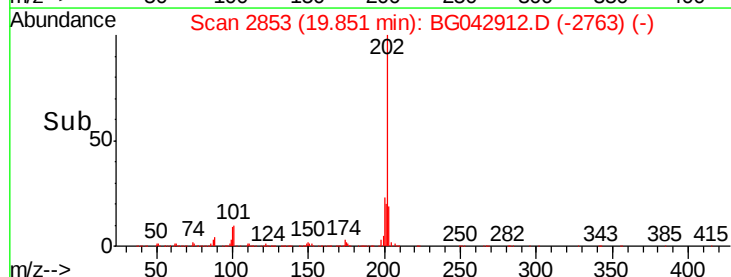
Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.5	27.7
203	19.2	15.4	23.2

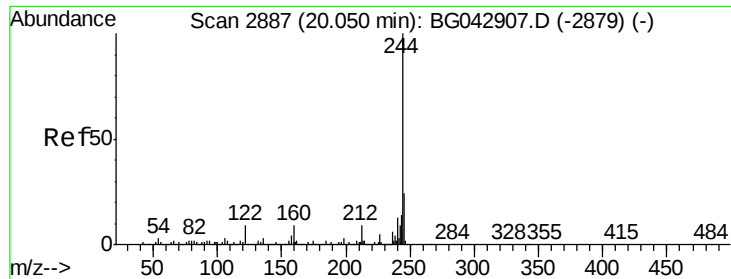


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.078 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

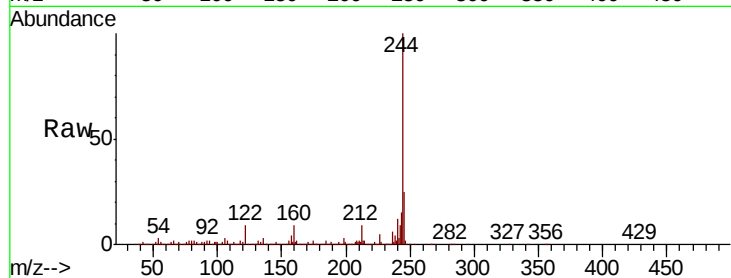
Tot Ion:244 Resp: 1937535

Ion Ratio Lower Upper

244 100

212 8.9 7.1 10.7

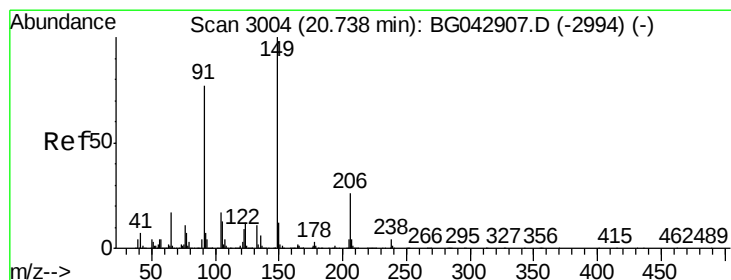
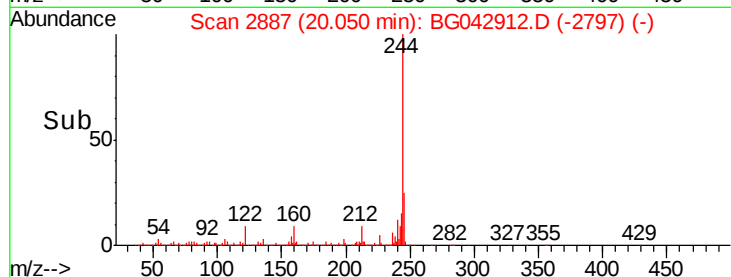
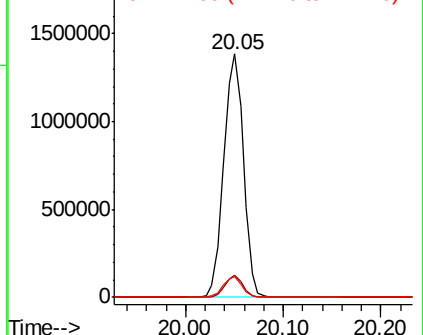
122 8.7 6.9 10.3



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: 39.937 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

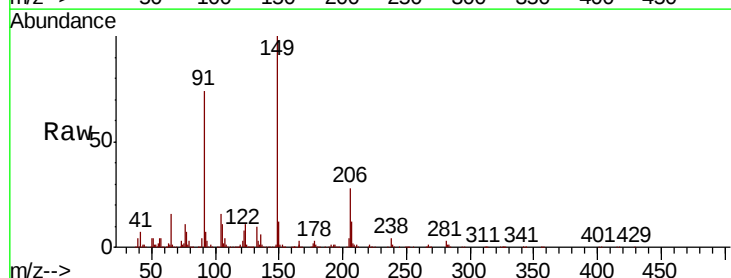
Tgt Ion:149 Resp: 458554

Ion Ratio Lower Upper

149 100

91 73.6 61.4 92.2

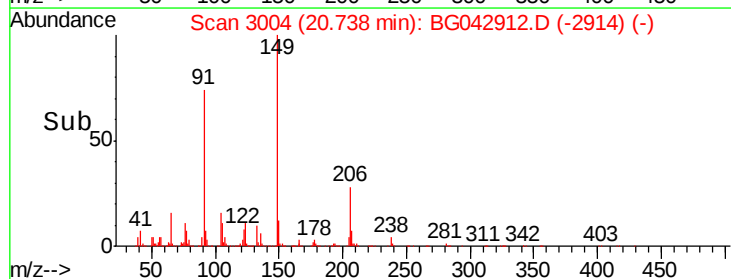
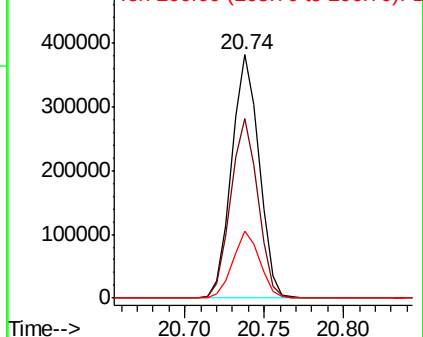
206 27.6 21.0 31.6

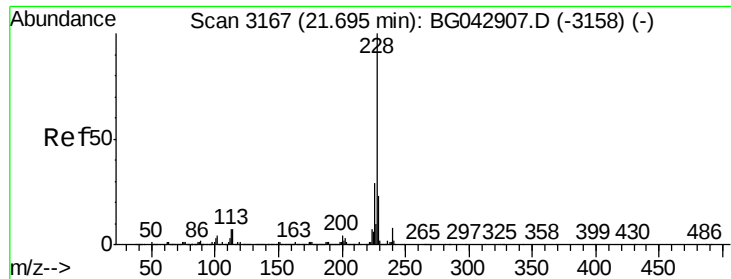


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.706 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

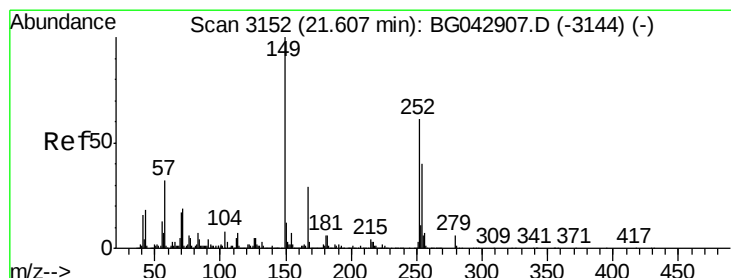
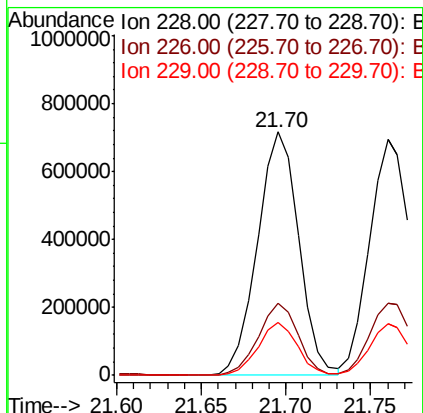
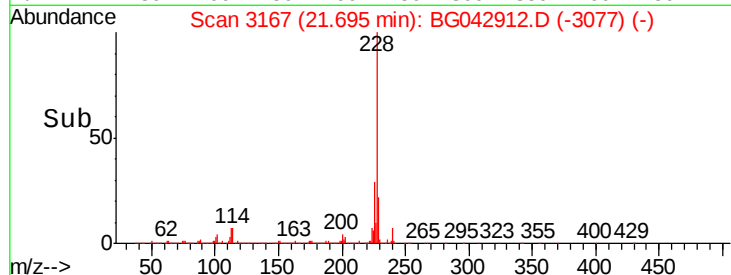
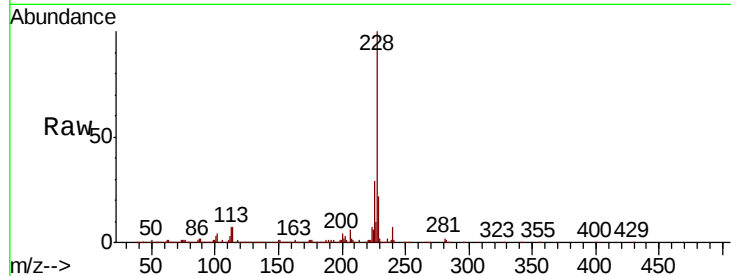
BNA_G

ClientSampleId :

ICVBG092119

Tot Ion:228 Resp: 1219139

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	21.7	18.0	27.0



#82

3,3'-Dichlorobenzidine

Concen: 39.539 ng

RT: 21.61 min Scan# 3152

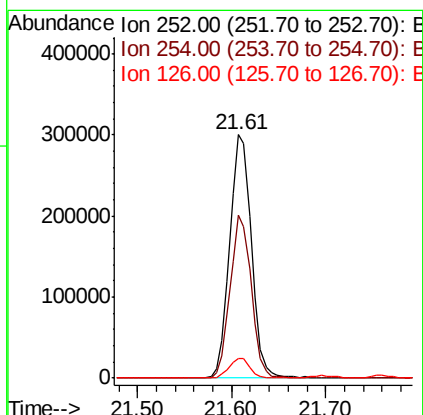
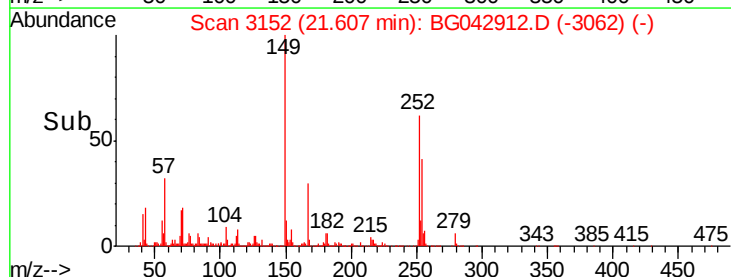
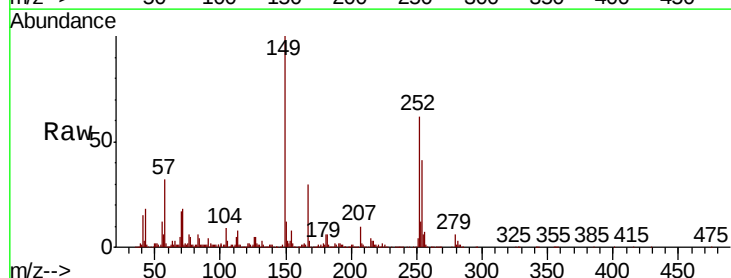
Delta R.T. 0.00 min

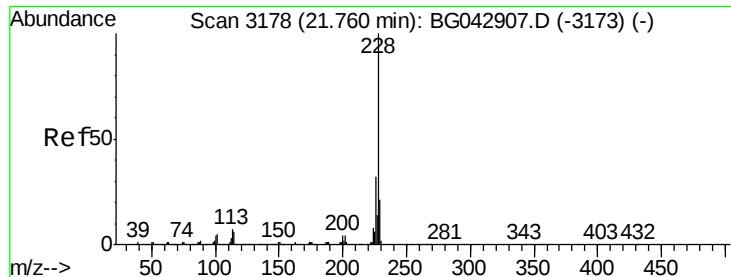
Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Tgt Ion:252 Resp: 483533

Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.1	78.1
126	8.2	5.9	8.9





#83

Chrysene

Concen: 39.390 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

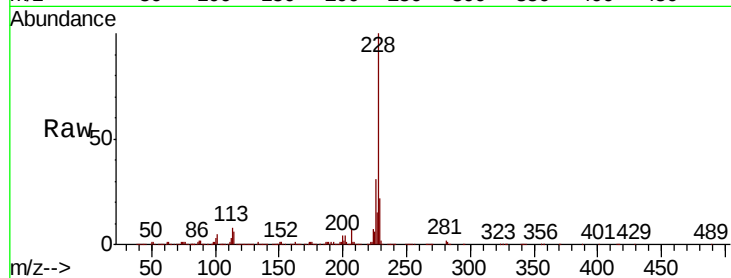
BNA_G

ClientSampleId :

ICVBG092119

Tot Ion:228 Resp: 1169509

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	22.0	16.5	24.7

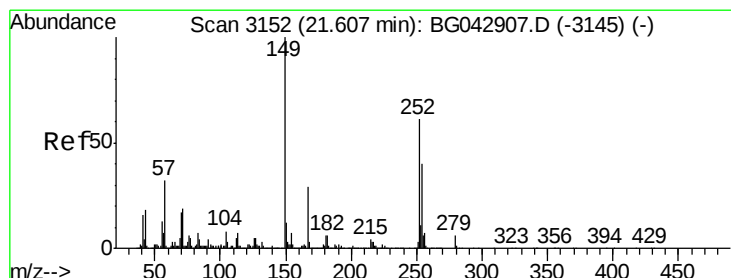
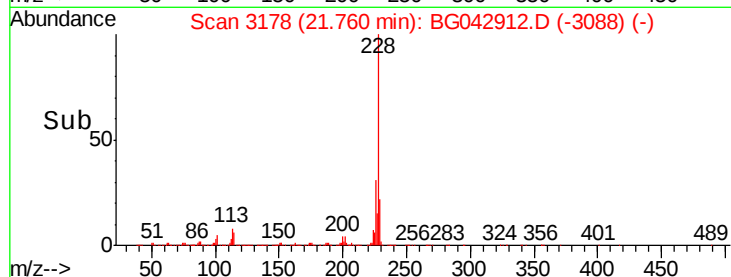
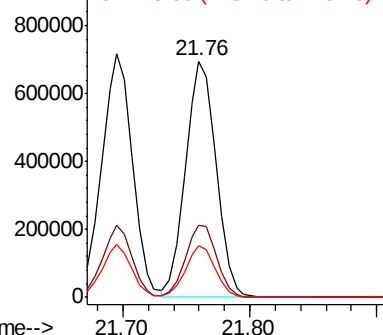


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.388 ng

RT: 21.61 min Scan# 3152

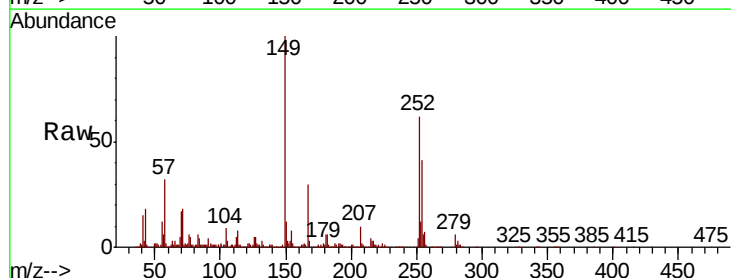
Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Tgt Ion:149 Resp: 639618

Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.4	35.0
279	6.2	4.9	7.3

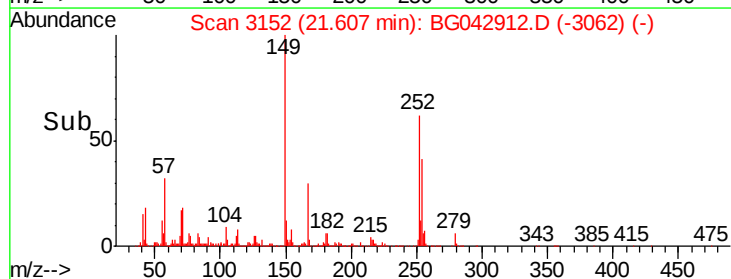
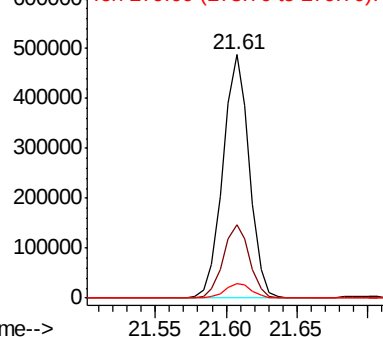


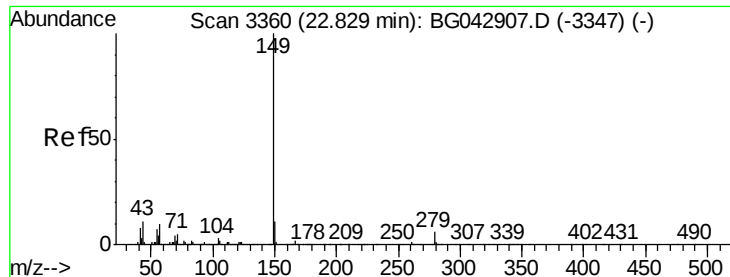
Abundance

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: 39.943 ng

RT: 22.83 min Scan# 3360

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

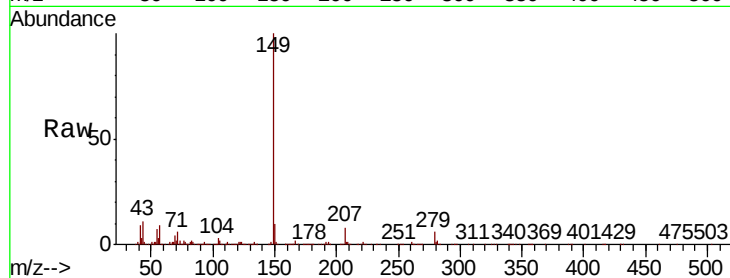
Tot Ion:149 Resp: 1073251

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 10.8 9.1 13.7



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

22.83

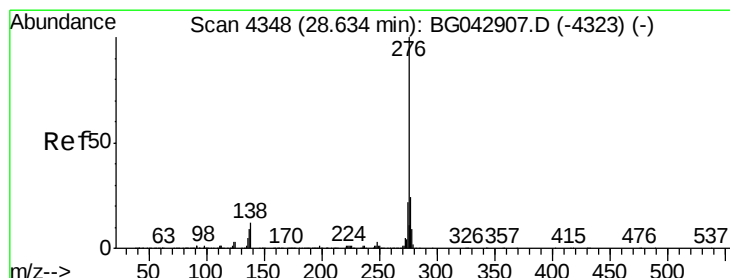
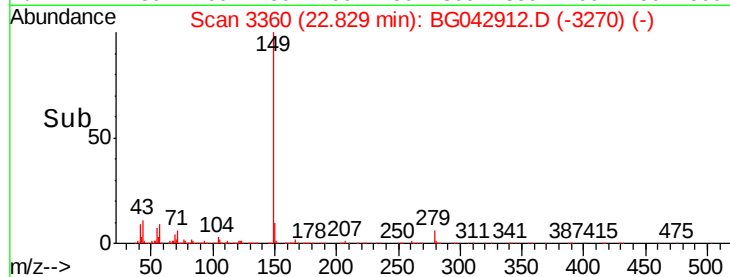
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.134 ng

RT: 28.64 min Scan# 4349

Delta R.T. 0.01 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

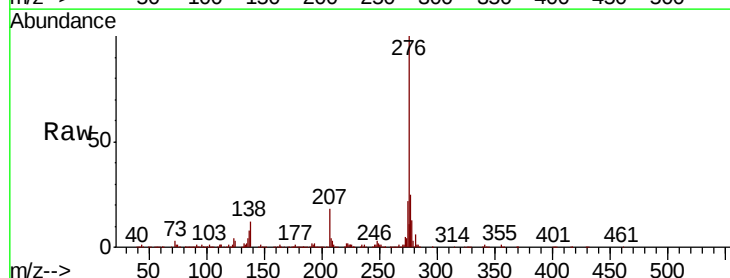
Tgt Ion:276 Resp: 1448614

Ion Ratio Lower Upper

276 100

138 9.8 12.2 18.2#

277 26.4 20.9 31.3



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

28.64

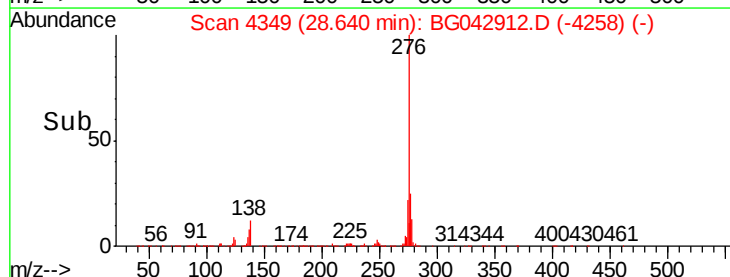
300000

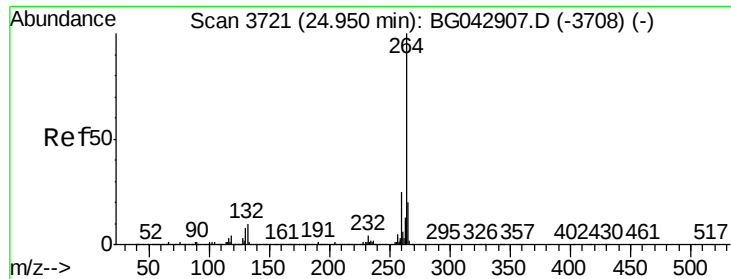
200000

100000

0

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3721

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

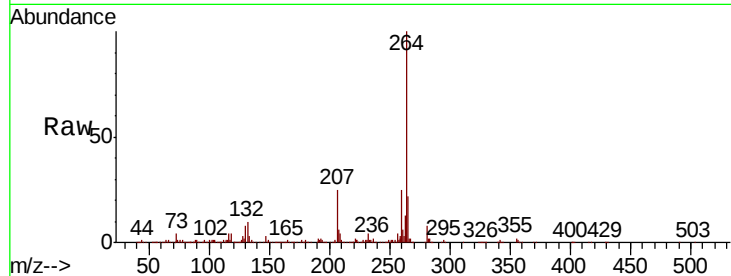
Tot Ion:264 Resp: 557492

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 21.8 17.0 25.4

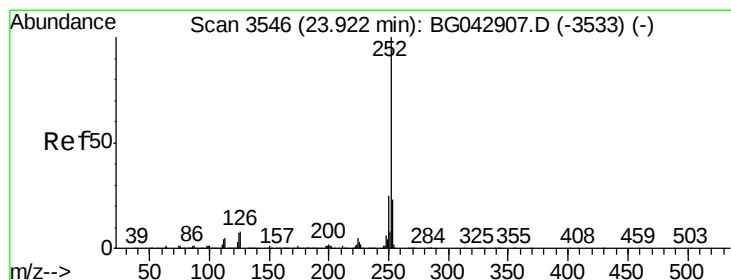
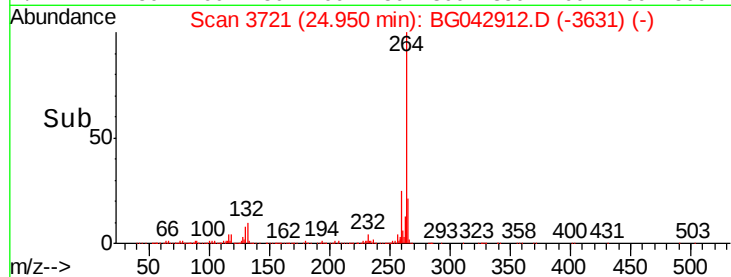
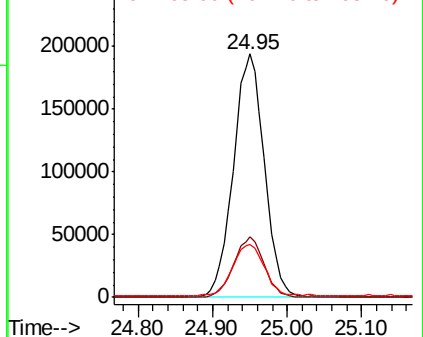


Abundance

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: 39.367 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

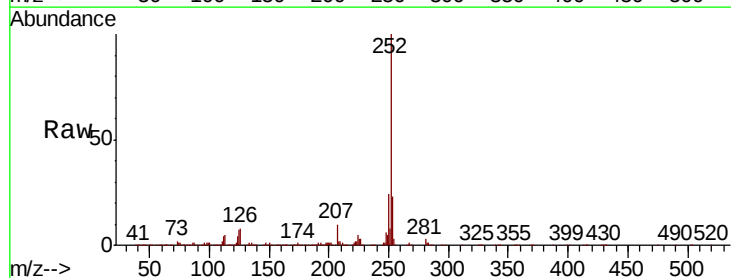
Tgt Ion:252 Resp: 1249739

Ion Ratio Lower Upper

252 100

253 22.5 18.8 28.2

125 6.7 5.2 7.8

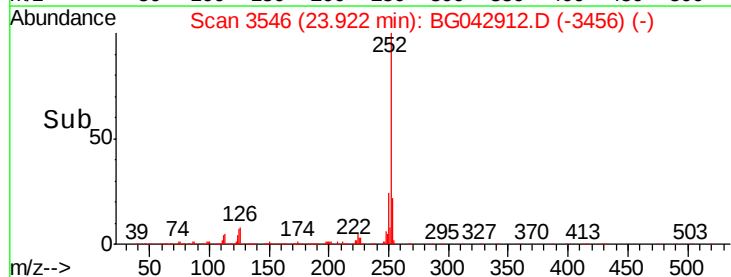
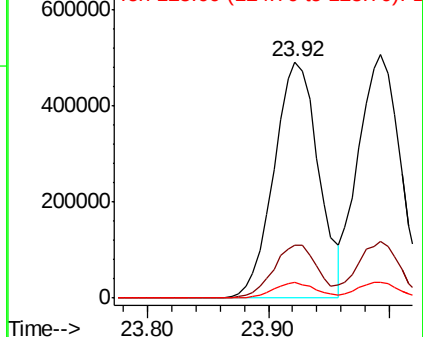


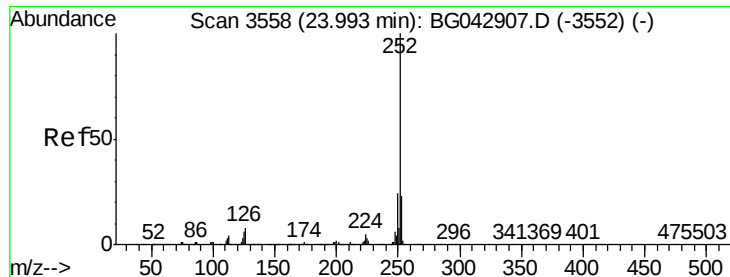
Abundance

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: 39.732 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

BNA_G

ClientSampleId :

ICVBG092119

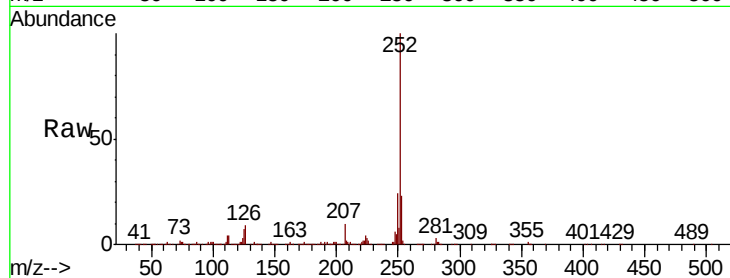
Tot Ion:252 Resp: 1218536

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

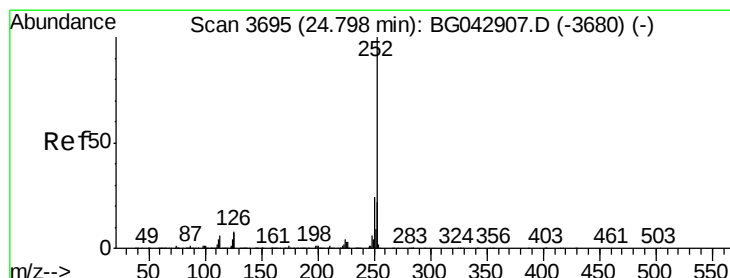
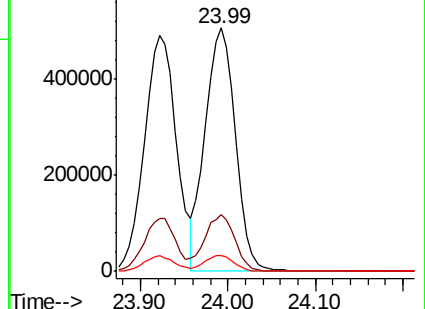
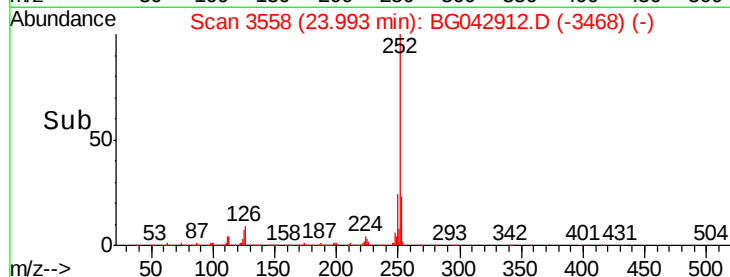
125 6.6 5.0 7.6



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



#90

Benzo(a)pyrene

Concen: 39.552 ng

RT: 24.80 min Scan# 3695

Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

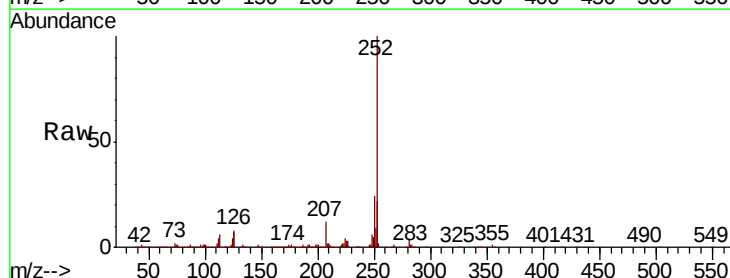
Tgt Ion:252 Resp: 1182545

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

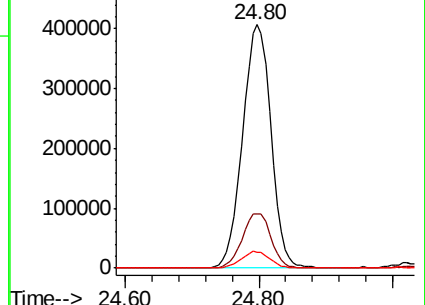
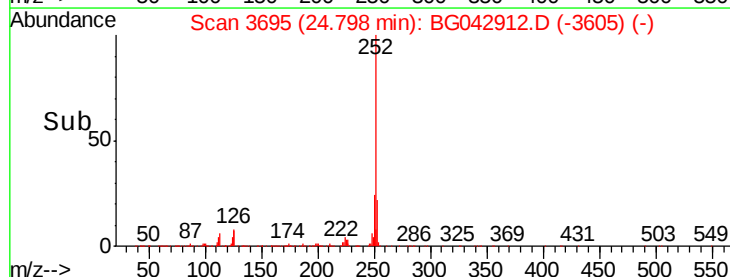
125 6.6 5.5 8.3

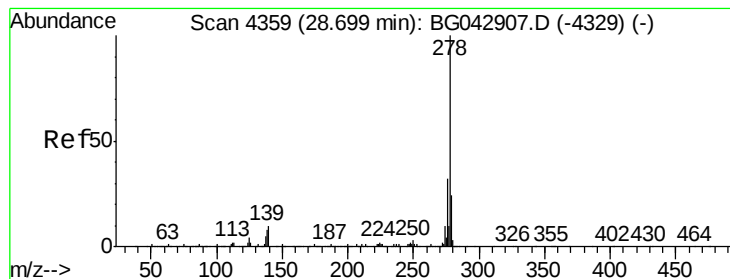


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.463 ng

RT: 28.70 min Scan# 4360

Delta R.T. 0.01 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Instrument :

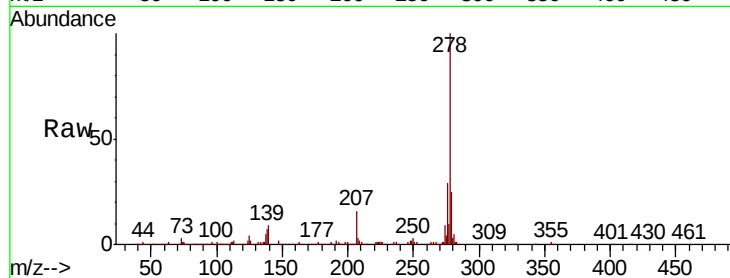
BNA_G

ClientSampleId :

ICVBG092119

Tot Ion:278 Resp: 1198094

Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.4	12.6
279	25.1	19.4	29.2

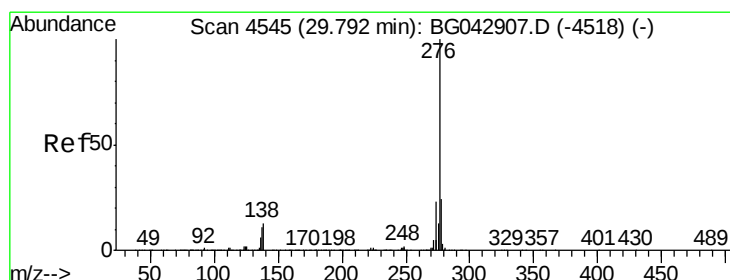
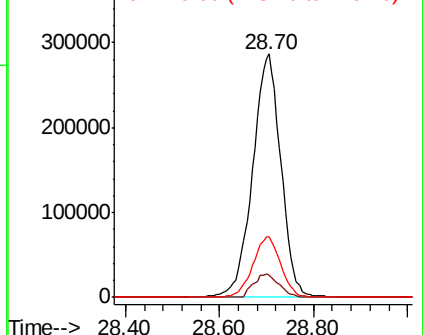
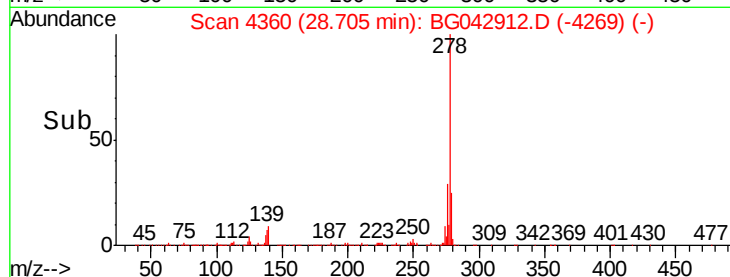


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.211 ng

RT: 29.79 min Scan# 4545

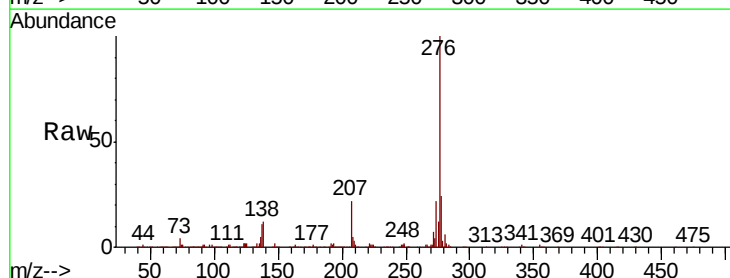
Delta R.T. 0.00 min

Lab File: BG042912.D

Acq: 21 Sep 2019 15:43

Tgt Ion:276 Resp: 1151437

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	12.1	10.6	15.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

