

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042348.D
 Acq On : 20 Aug 2019 6:07
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 03:19:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74960	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	304873	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	217585	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	479422	20.00	ng	0.00
76) Chrysene-d12	21.70	240	468494	20.00	ng	0.00
87) Perylene-d12	24.93	264	569969	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	312573	84.49	ng	0.00
7) Phenol-d6	7.17	99	428162	85.21	ng	0.00
23) Nitrobenzene-d5	9.18	82	361276	83.34	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	238355	80.43	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1063897	82.74	ng	0.00
79) Terphenyl-d14	20.03	244	1706833	79.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	62118	38.933	ng	100
3) Pyridine	3.83	79	166122	40.647	ng	99
4) n-Nitrosodimethylamine	3.74	42	57859	41.121	ng	95
6) Aniline	7.33	93	259165	39.082	ng	98
8) 2-Chlorophenol	7.57	128	189239	42.075	ng	98
9) Benzaldehyde	7.14	77	114603	40.548	ng	97
10) Phenol	7.20	94	217385	42.554	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	162981	40.393	ng	100
12) 1,3-Dichlorobenzene	7.90	146	229334	40.064	ng	98
13) 1,4-Dichlorobenzene	8.04	146	230117	39.913	ng	98
14) 1,2-Dichlorobenzene	8.37	146	218661	39.741	ng	100
15) Benzyl Alcohol	8.25	79	143115	41.414	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	221355	39.783	ng	100
17) 2-Methylphenol	8.46	107	152179	40.289	ng	97
18) Hexachloroethane	9.10	117	76964	38.841	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	129618	40.106	ng	98
20) 3+4-Methylphenols	8.79	107	214132	40.977	ng	100
22) Acetophenone	8.83	105	264956	40.901	ng	# 98
24) Nitrobenzene	9.22	77	186703	42.271	ng	98
25) Isophorone	9.74	82	353500	40.783	ng	99
26) 2-Nitrophenol	9.93	139	118490	43.154	ng	97
27) 2,4-Dimethylphenol	10.00	122	159812	41.955	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	229297	41.069	ng	99
29) 2,4-Dichlorophenol	10.48	162	213110	42.077	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	248973	40.215	ng	99
31) Naphthalene	10.88	128	591018	41.832	ng	98
32) Benzoic acid	10.16	122	103521	39.108	ng	99
33) 4-Chloroaniline	10.99	127	259759	40.319	ng	99
34) Hexachlorobutadiene	11.17	225	163401	39.384	ng	99
35) Caprolactam	11.77	113	68753	42.592	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	201370	42.536	ng	95
37) 2-Methylnaphthalene	12.49	142	466015	41.148	ng	99
38) 1-Methylnaphthalene	12.71	142	444917	41.242	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	287477	40.990	ng	100

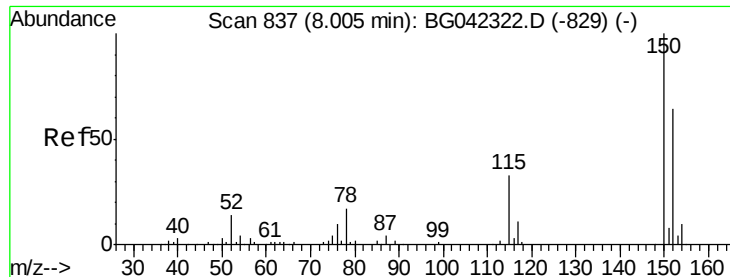
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042348.D
 Acq On : 20 Aug 2019 6:07
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 03:19:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	107475	30.810	ng	96
43) 2,4,6-Trichlorophenol	13.10	196	186805	39.796	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	203034	41.995	ng	99
46) 1,1'-Biphenyl	13.49	154	590047	41.565	ng	98
47) 2-Chloronaphthalene	13.54	162	501599	41.448	ng	99
48) 2-Nitroaniline	13.74	65	120125	41.999	ng	98
49) Acenaphthylene	14.39	152	769512	42.297	ng	99
50) Dimethylphthalate	14.12	163	633328	40.963	ng	100
51) 2,6-Dinitrotoluene	14.24	165	151329	41.820	ng	99
52) Acenaphthene	14.73	154	461257	41.561	ng	98
53) 3-Nitroaniline	14.56	138	145835	40.988	ng	100
54) 2,4-Dinitrophenol	14.78	184	35633	20.507	ng	99
55) Dibenzofuran	15.06	168	762023	42.153	ng	99
56) 4-Nitrophenol	14.89	139	106691	41.565	ng	97
57) 2,4-Dinitrotoluene	15.03	165	213671	42.234	ng	99
58) Fluorene	15.72	166	613954	41.749	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	183460	39.071	ng	99
60) Diethylphthalate	15.48	149	614335	41.070	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	361940	40.985	ng	100
62) 4-Nitroaniline	15.73	138	158992	42.286	ng	98
63) Azobenzene	16.00	77	434764	41.708	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	81599	27.895	ng	98
66) n-Nitrosodiphenylamine	15.92	169	562706	41.945	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	250331	41.031	ng	98
68) Hexachlorobenzene	16.73	284	265127	40.568	ng	97
69) Atrazine	16.87	200	150042	32.630	ng	99
70) Pentachlorophenol	17.07	266	128718	37.000	ng	100
71) Phenanthrene	17.46	178	1001988	41.964	ng	100
72) Anthracene	17.55	178	997549	41.890	ng	99
73) Carbazole	17.82	167	905923	42.826	ng	99
74) Di-n-butylphthalate	18.38	149	1039403	42.123	ng	99
75) Fluoranthene	19.47	202	1214259	42.172	ng	98
77) Benzidine	19.65	184	501072	40.339	ng	99
78) Pyrene	19.83	202	1206807	41.863	ng	99
80) Butylbenzylphthalate	20.72	149	480019	42.014	ng	98
81) Benzo(a)anthracene	21.67	228	1205797	41.911	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	460022	40.172	ng	99
83) Chrysene	21.74	228	1158491	42.093	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	674000	42.310	ng	99
85) Di-n-octyl phthalate	22.80	149	1155044	42.508	ng	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1543896	42.013	ng	99
88) Benzo(b)fluoranthene	23.91	252	1303893	41.620	ng	99
89) Benzo(k)fluoranthene	23.98	252	1266125	41.344	ng	99
90) Benzo(a)pyrene	24.79	252	1247542	41.558	ng	98
91) Dibenzo(a,h)anthracene	28.71	278	1240146	41.410	ng	97
92) Benzo(g,h,i)perylene	29.80	276	1253429	42.001	ng	100

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

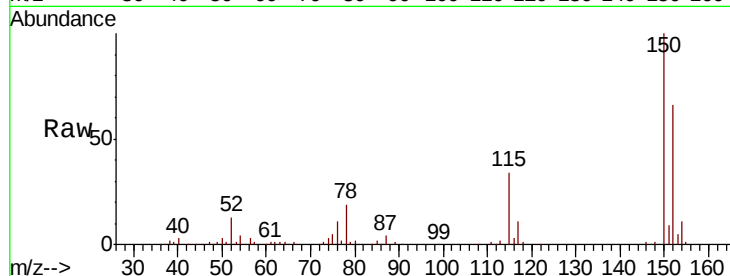


#1

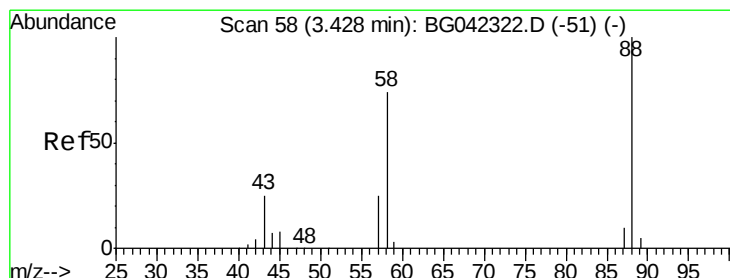
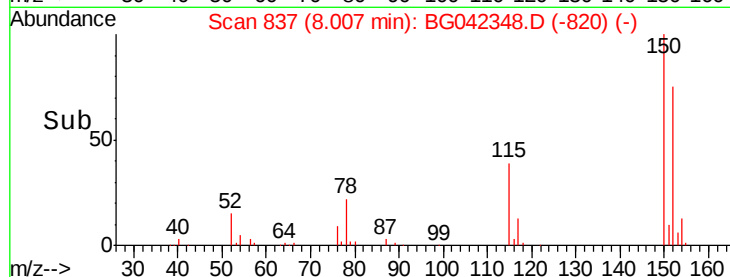
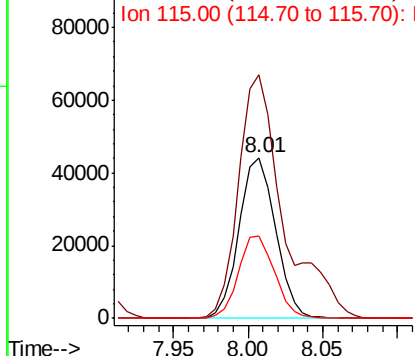
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74960
Ion Ratio Lower Upper
152 100
150 151.7 124.3 186.5
115 51.2 40.5 60.7



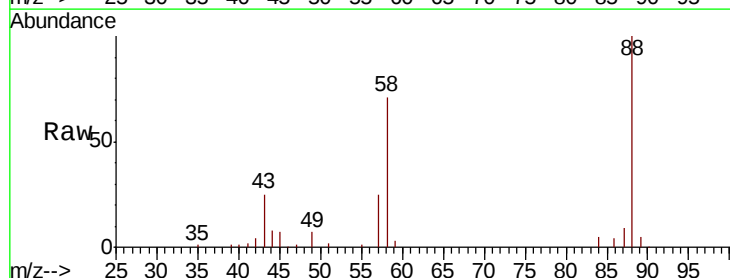
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



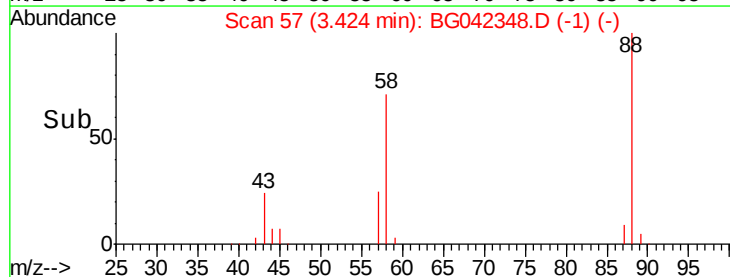
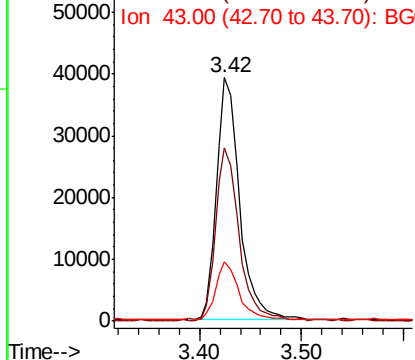
#2

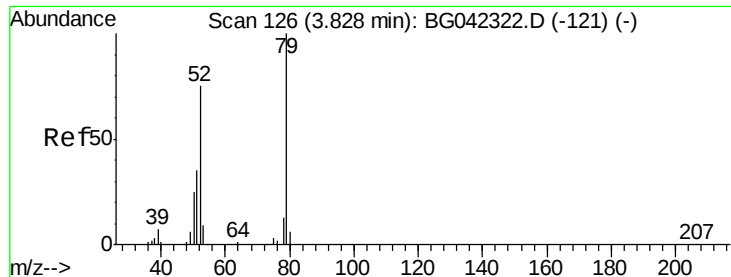
1,4-Dioxane
Concen: 38.933 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion: 88 Resp: 62118
Ion Ratio Lower Upper
88 100
58 73.6 58.6 88.0
43 24.3 19.4 29.0



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: 40.647 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

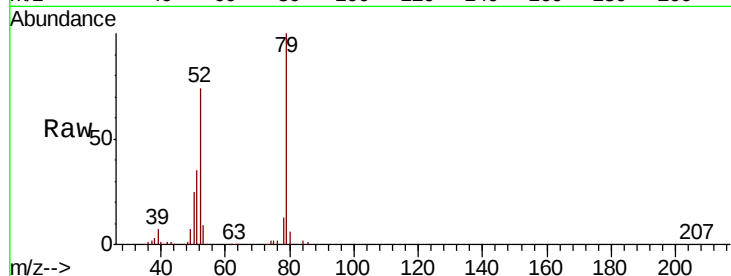
Tot Ion: 79 Resp: 166122

Ion Ratio Lower Upper

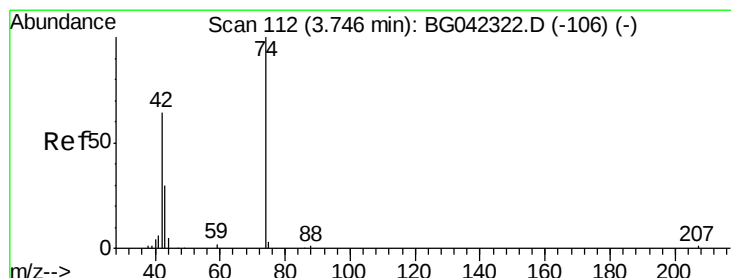
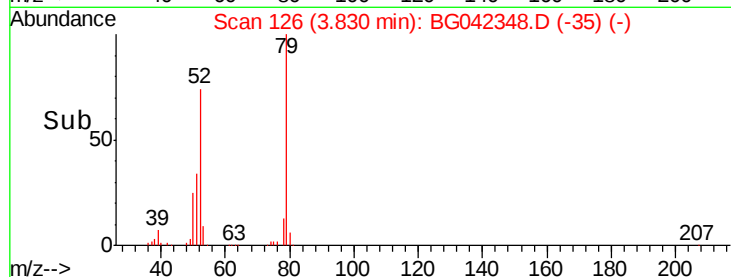
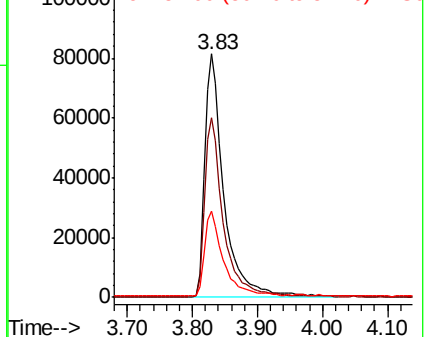
79 100

52 73.6 60.0 90.0

51 35.3 28.6 42.8



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



#4

n-Nitrosodimethylamine

Concen: 41.121 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

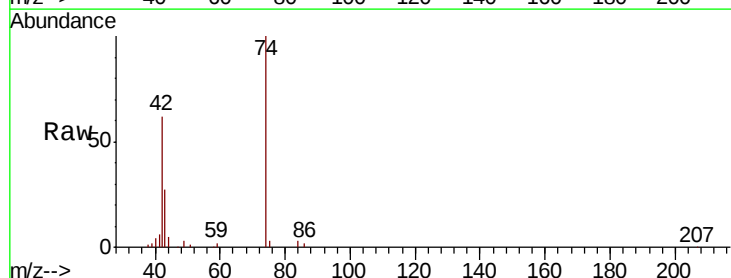
Tgt Ion: 42 Resp: 57859

Ion Ratio Lower Upper

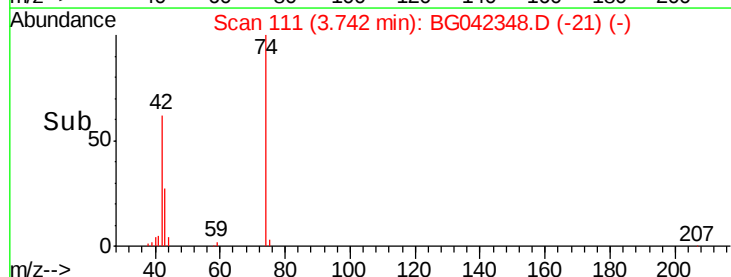
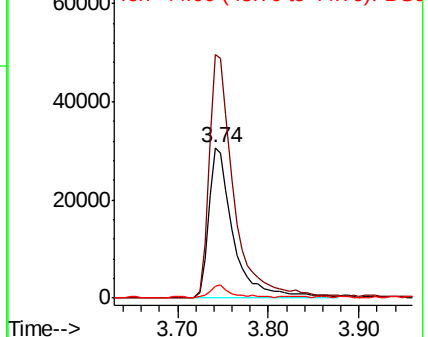
42 100

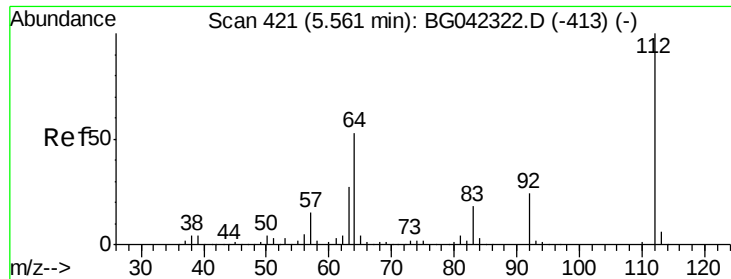
74 161.7 124.2 186.2

44 7.9 6.5 9.7



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





#5

2-Fluorophenol

Concen: 84.485 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

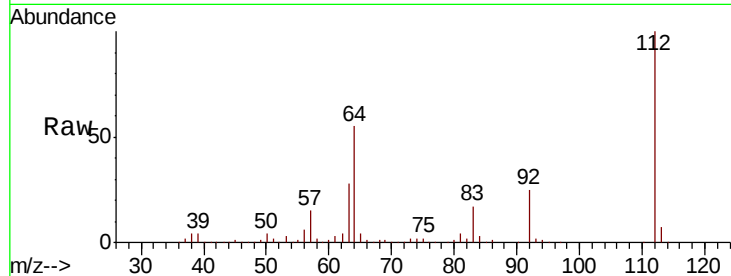
Tot Ion:112 Resp: 312573

Ion Ratio Lower Upper

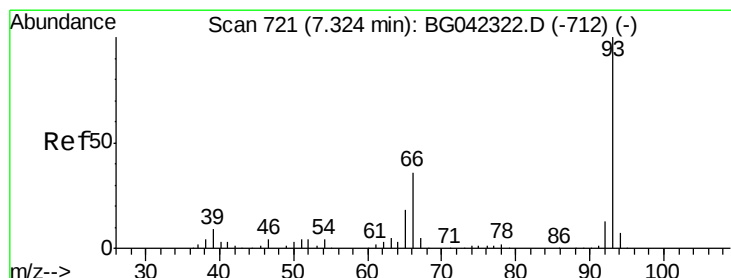
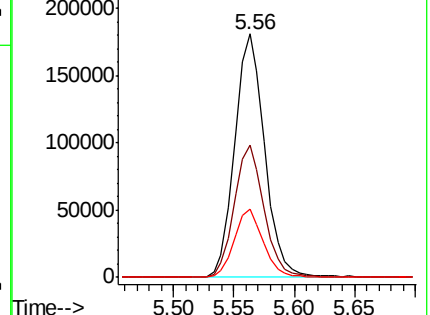
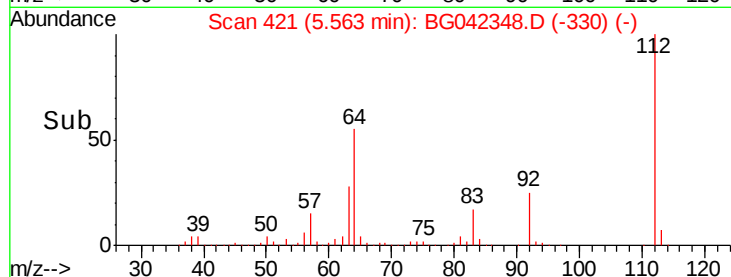
112 100

64 54.6 42.5 63.7

63 27.8 21.7 32.5



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: 39.082 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

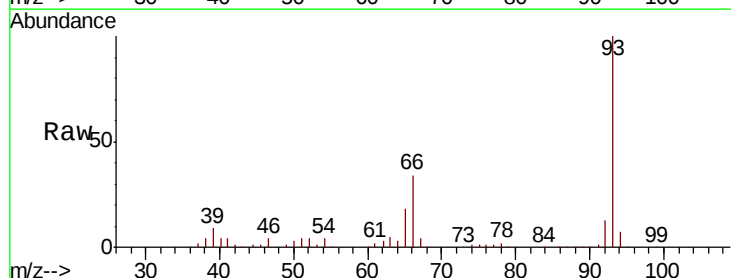
Tgt Ion: 93 Resp: 259165

Ion Ratio Lower Upper

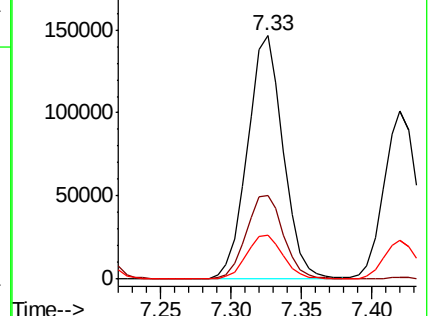
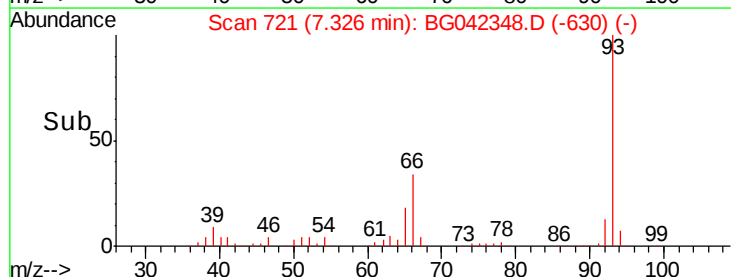
93 100

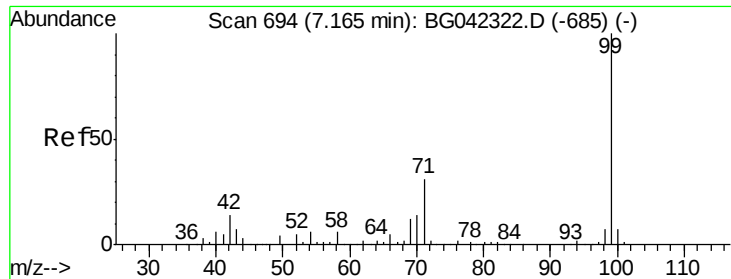
66 34.5 29.1 43.7

65 18.2 14.7 22.1



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: 85.212 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

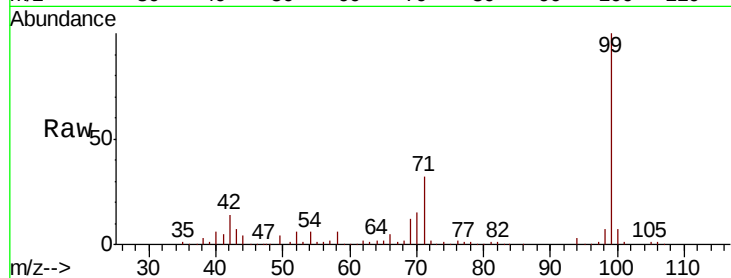
Tot Ion: 99 Resp: 428162

Ion Ratio Lower Upper

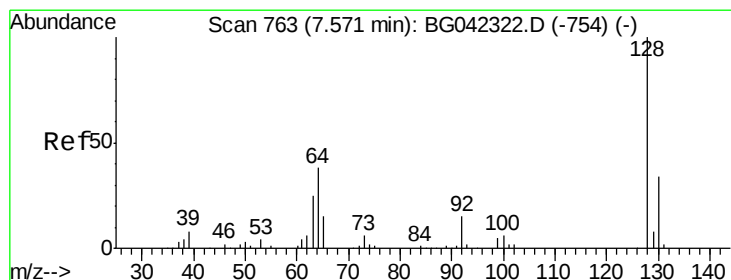
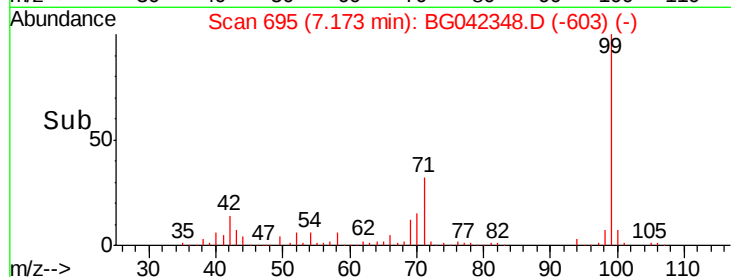
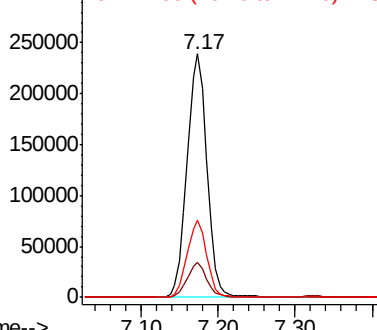
99 100

42 14.3 11.4 17.0

71 31.7 25.1 37.7



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: 42.075 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

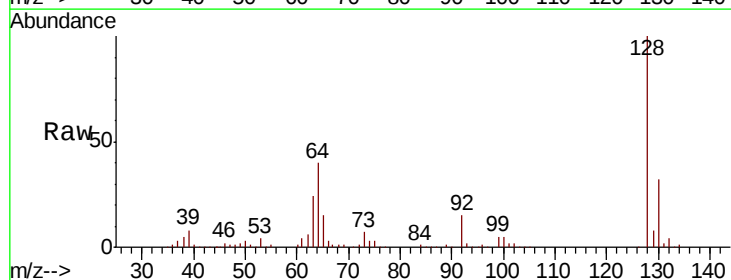
Tgt Ion: 128 Resp: 189239

Ion Ratio Lower Upper

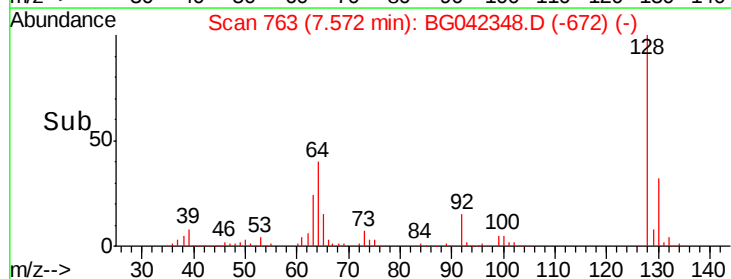
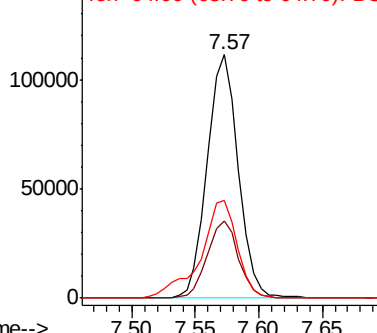
128 100

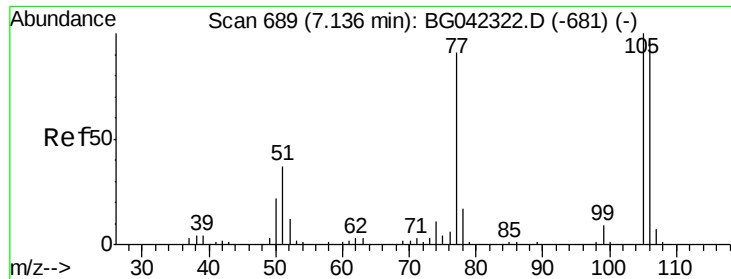
130 31.7 13.5 53.5

64 40.2 19.8 59.8



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





#9

Benzaldehyde

Concen: 40.548 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampled :

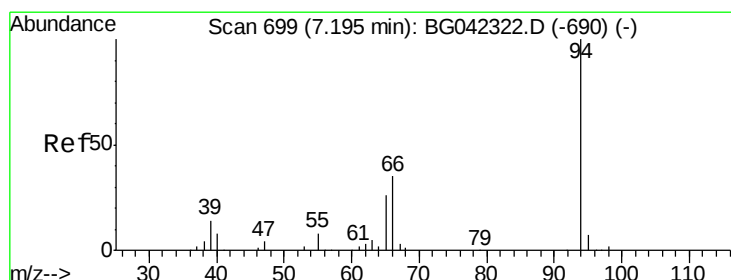
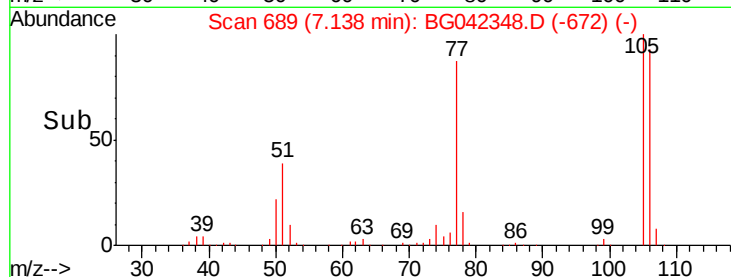
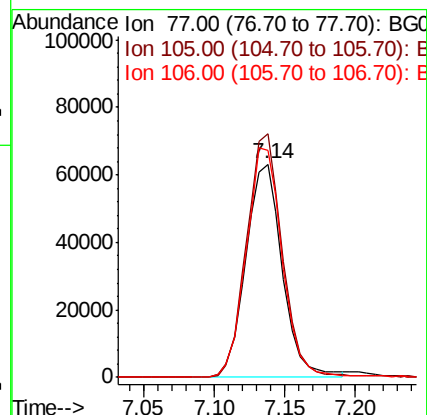
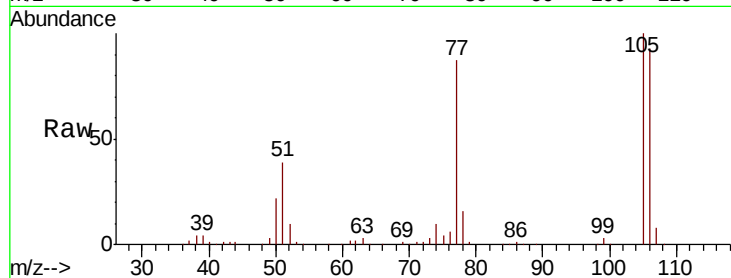
Tot Ion: 77 Resp: 114603

Ion Ratio Lower Upper

77 100

105 114.4 89.8 129.8

106 106.8 85.1 125.1



#10

Phenol

Concen: 42.554 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

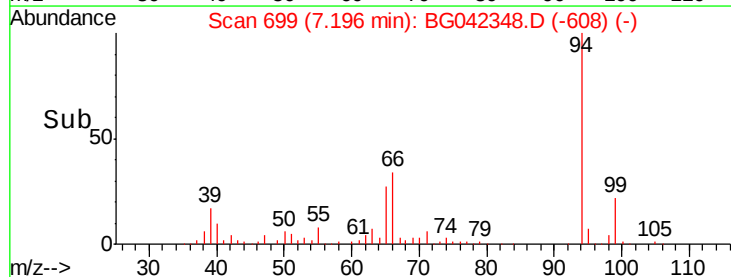
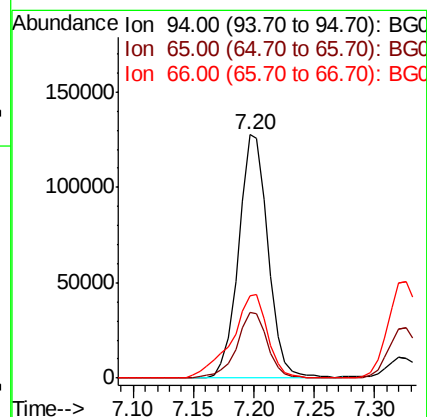
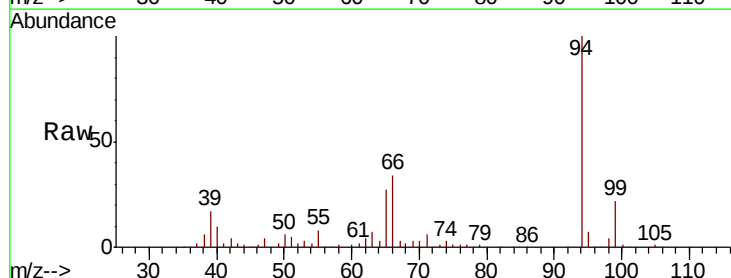
Tgt Ion: 94 Resp: 217385

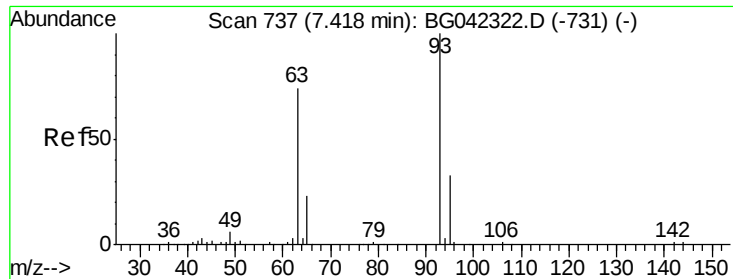
Ion Ratio Lower Upper

94 100

65 27.1 6.1 46.1

66 34.0 15.7 55.7

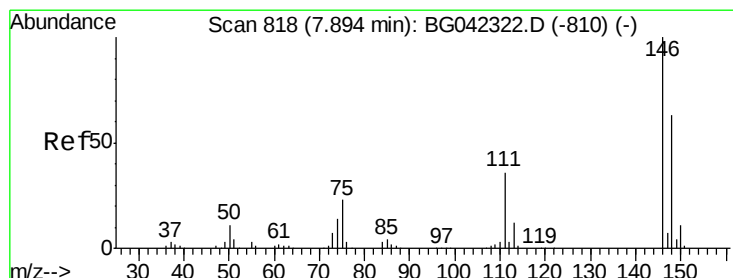
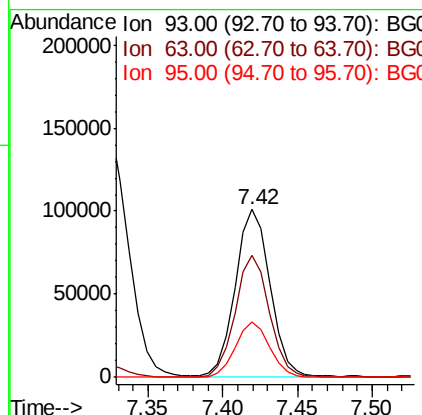
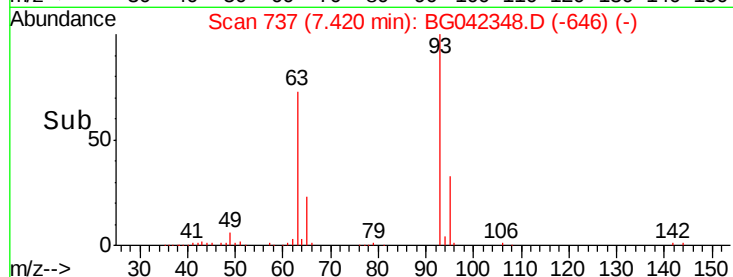
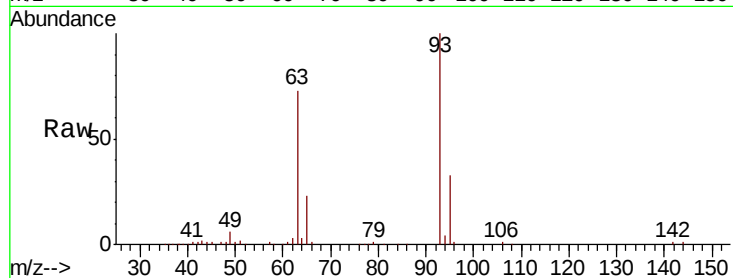




#11
 bis(2-Chloroethyl)ether
 Concen: 40.393 ng
 RT: 7.42 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

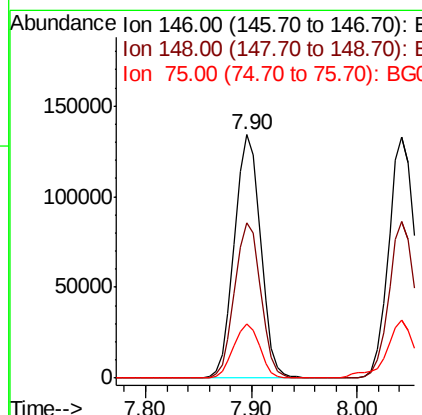
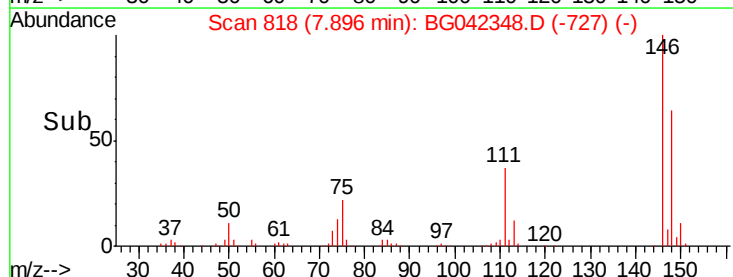
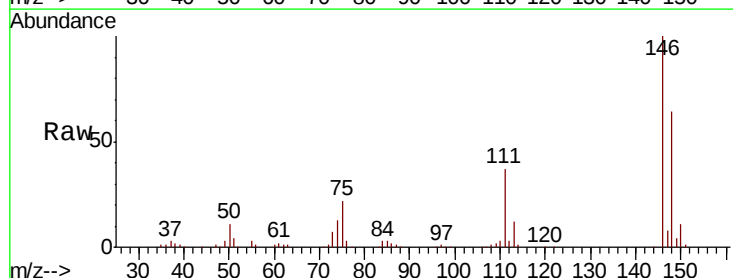
Instrument :
 BNA_G
 ClientSampleId :

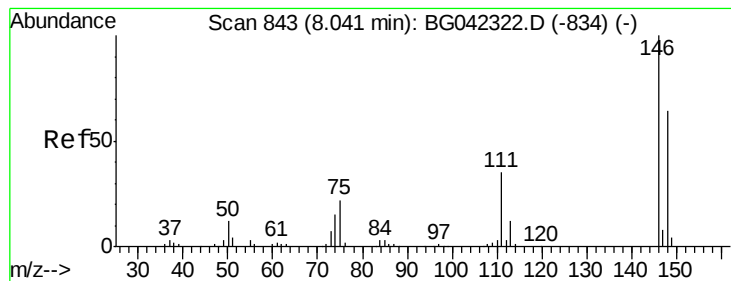
Tot Ion: 93 Resp: 162981
 Ion Ratio Lower Upper
 93 100
 63 72.5 53.0 93.0
 95 33.1 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 40.064 ng
 RT: 7.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion: 146 Resp: 229334
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.2
 75 22.1 18.2 27.4





#13

1,4-Dichlorobenzene

Concen: 39.913 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

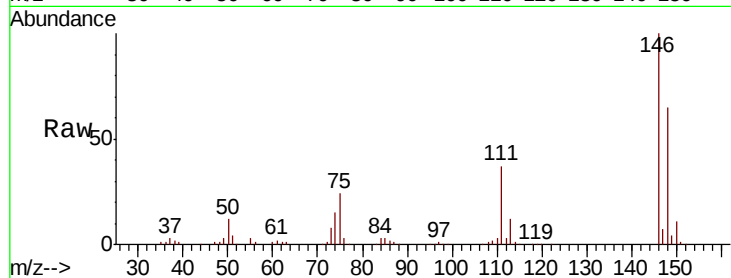
Tot Ion:146 Resp: 230117

Ion Ratio Lower Upper

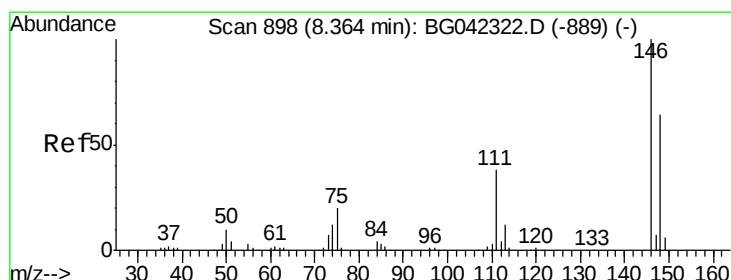
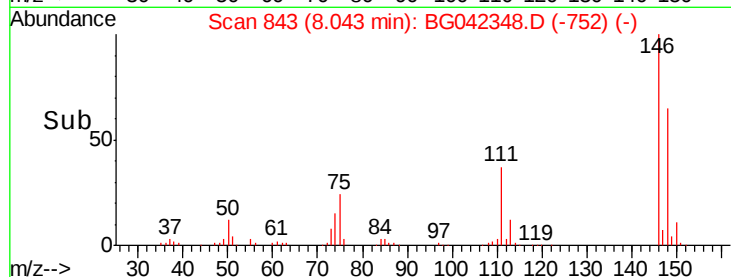
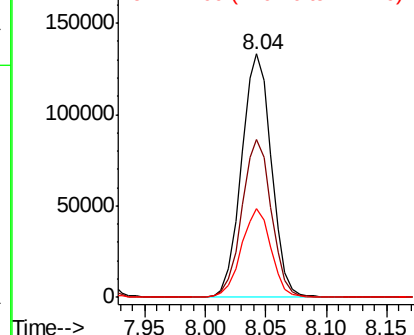
146 100

148 65.0 50.9 76.3

111 36.5 28.3 42.5



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: 39.741 ng

RT: 8.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

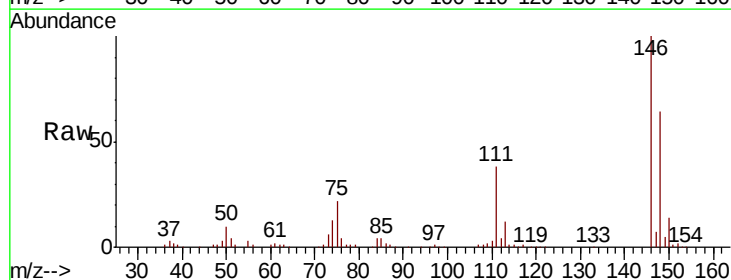
Tgt Ion:146 Resp: 218661

Ion Ratio Lower Upper

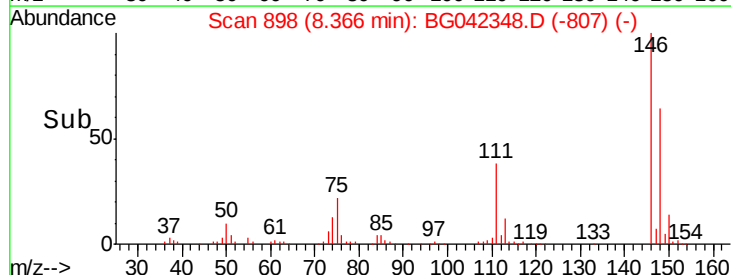
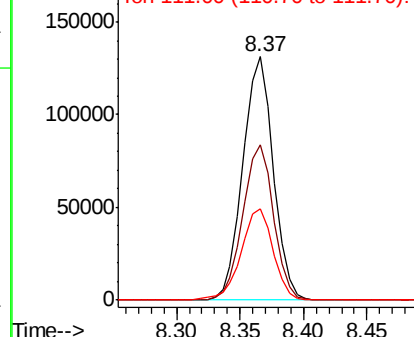
146 100

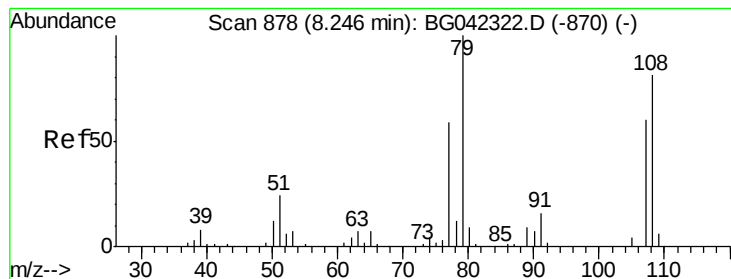
148 63.6 51.0 76.4

111 37.7 30.6 46.0



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: 41.414 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampled :

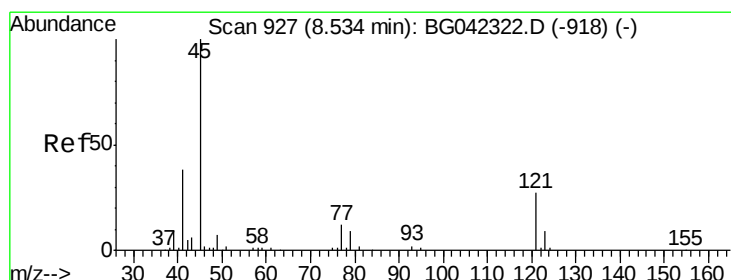
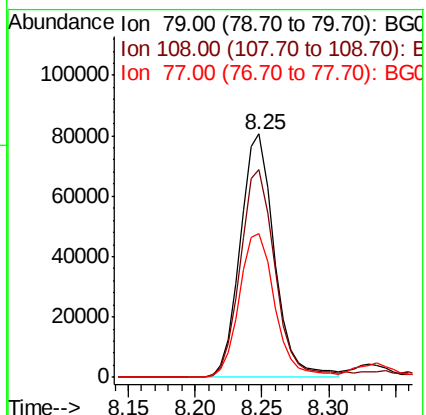
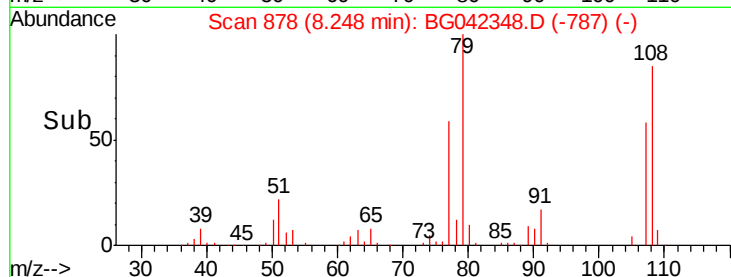
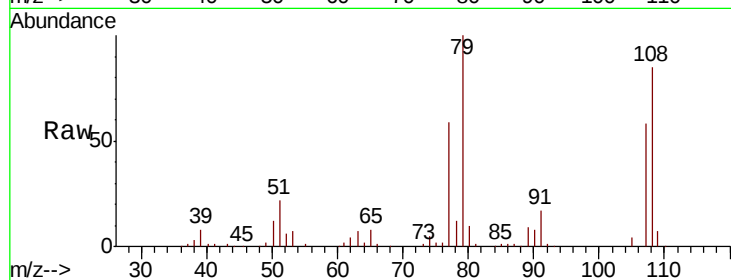
Tot Ion: 79 Resp: 143115

Ion Ratio Lower Upper

79 100

108 85.3 64.8 97.2

77 59.0 47.6 71.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.783 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

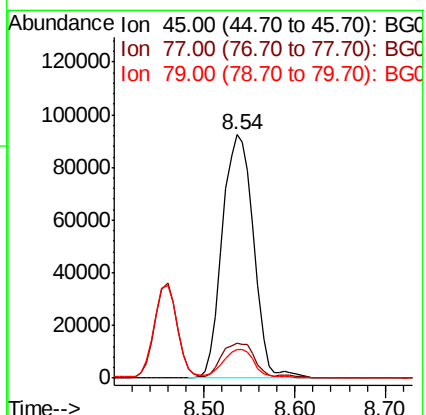
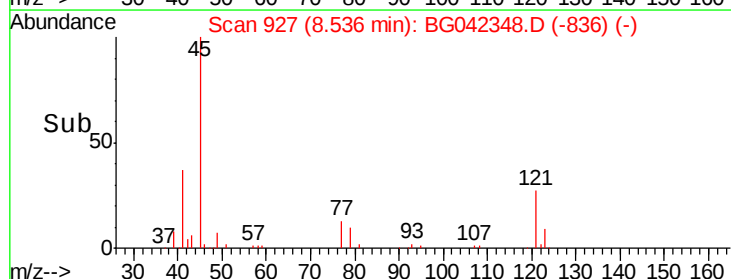
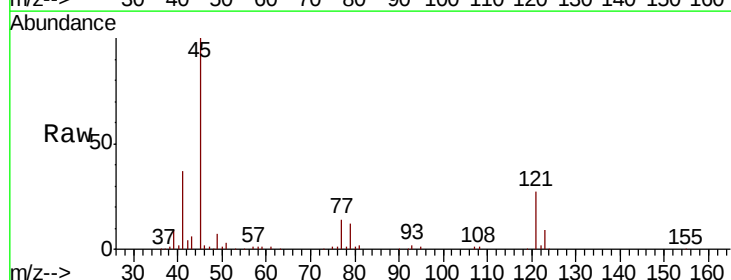
Tgt Ion: 45 Resp: 221355

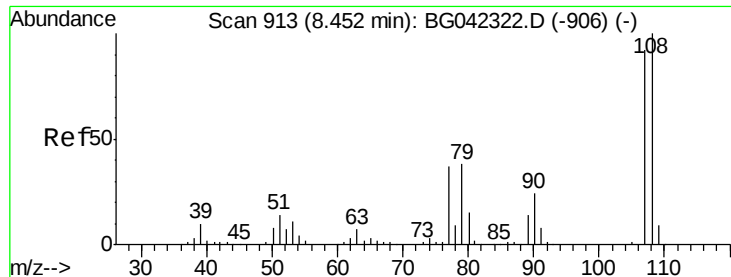
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

79 11.5 0.0 31.4





#17

2-Methylphenol

Concen: 40.289 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 152179

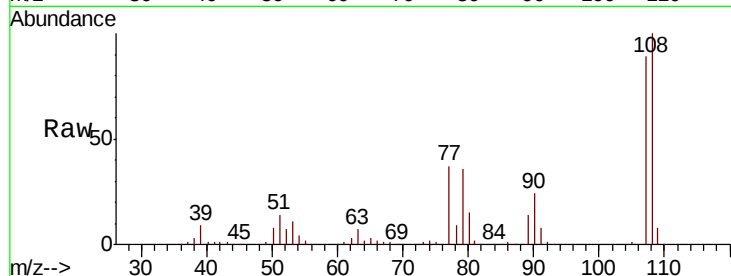
Ion Ratio Lower Upper

107 100

108 112.2 87.0 130.6

77 41.7 32.3 48.5

79 40.9 33.5 50.3

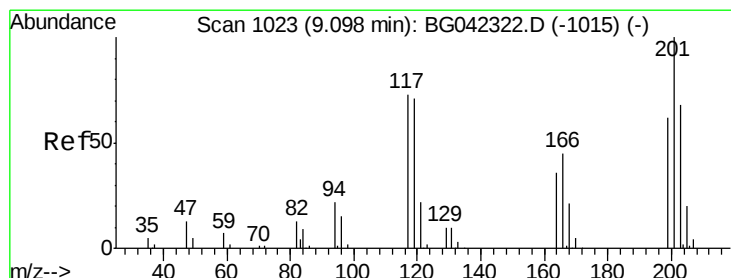
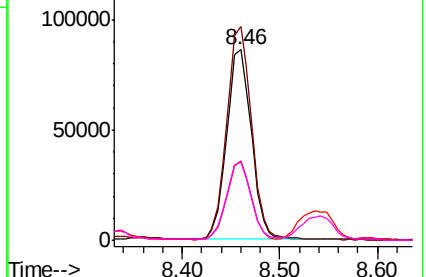
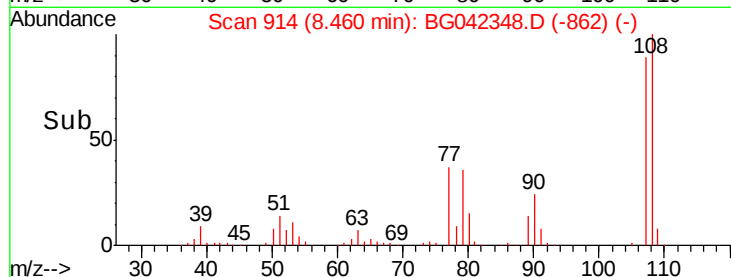


Abundance Ion 107.00 (106.70 to 107.70): E

150000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.841 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

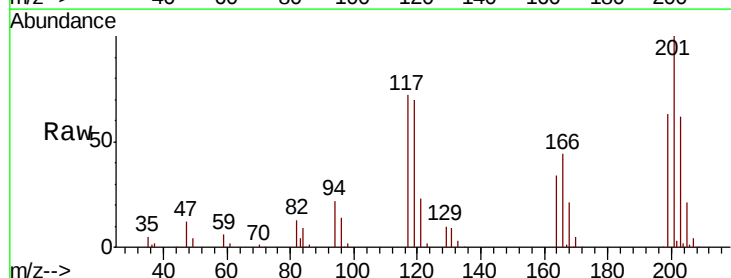
Tgt Ion:117 Resp: 76964

Ion Ratio Lower Upper

117 100

119 96.4 77.6 116.4

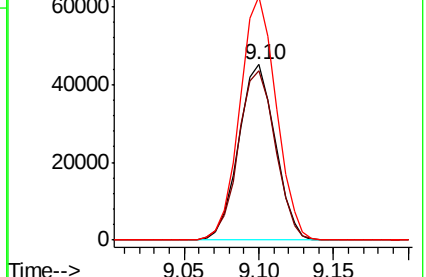
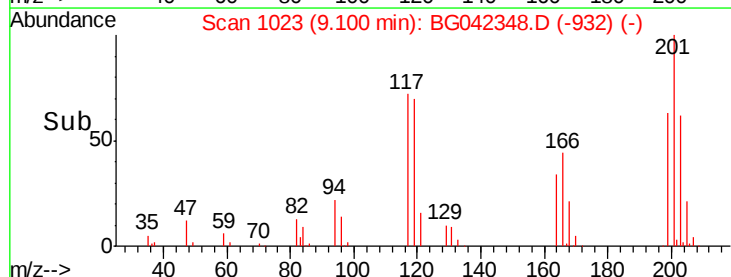
201 138.7 109.4 164.2

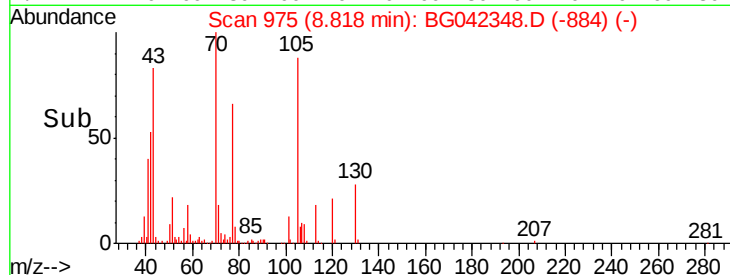
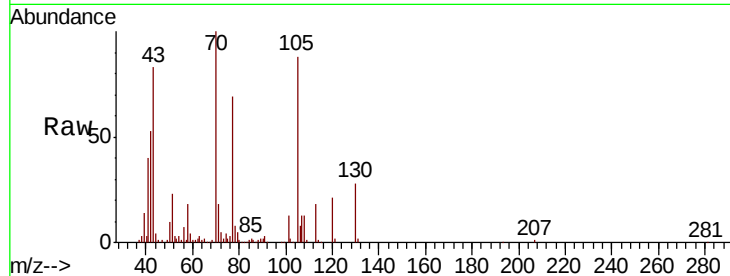
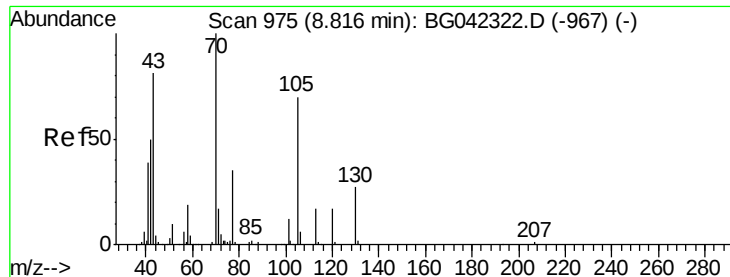


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

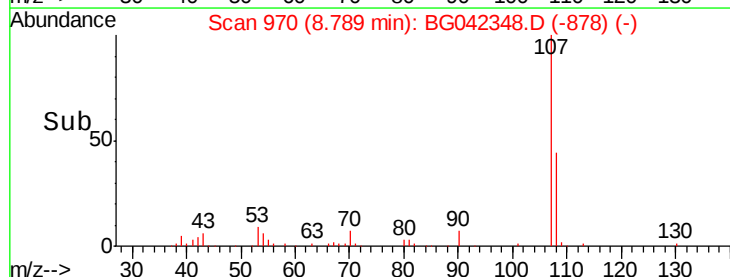
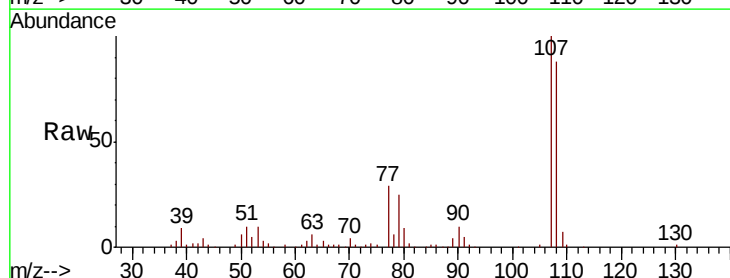
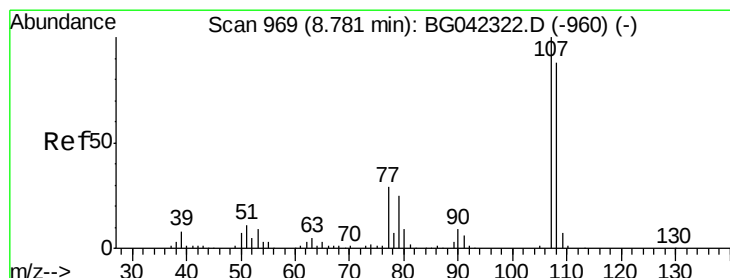
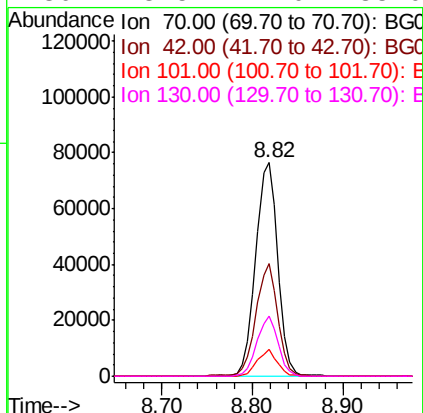




#19
n-Nitroso-di-n-propylamine
Concen: 40.106 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

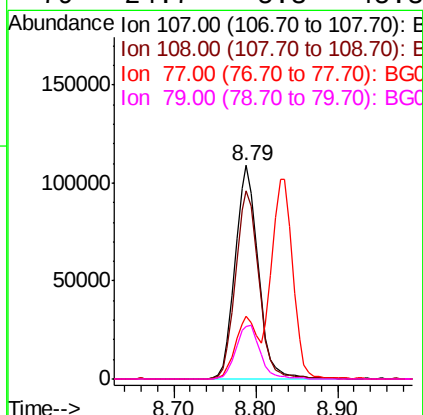
Instrument :
BNA_G
ClientSampled :

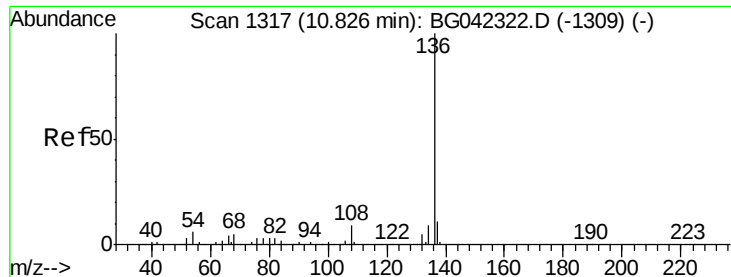
Tot Ion:	70	Resp:	129618
Ion	Ratio	Lower	Upper
70	100		
42	52.6	40.5	60.7
101	12.5	9.3	13.9
130	28.5	22.0	33.0



#20
3+4-Methylphenols
Concen: 40.977 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion:	107	Resp:	214132
Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.8	107.8
77	29.1	9.1	49.1
79	24.7	5.3	45.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 304873

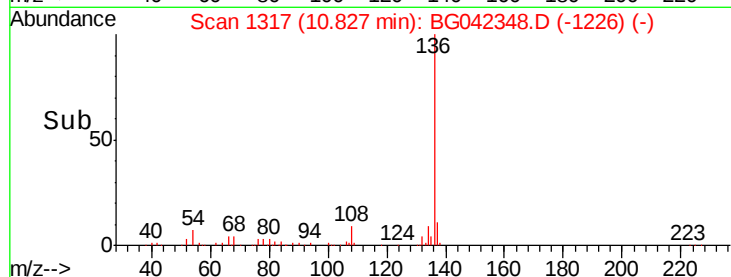
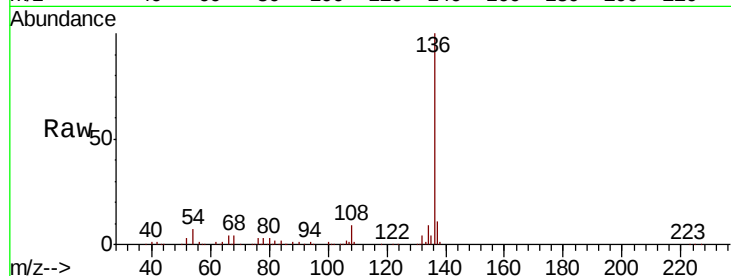
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 7.0 5.0 7.4

68 4.4 3.8 5.8

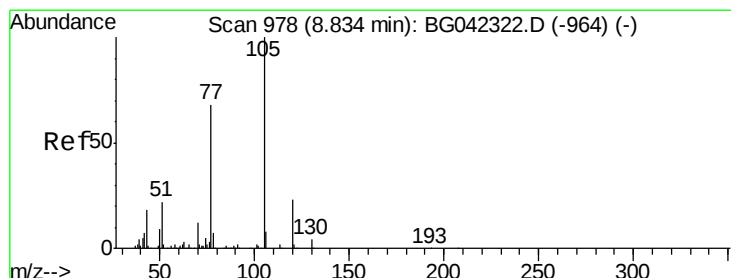
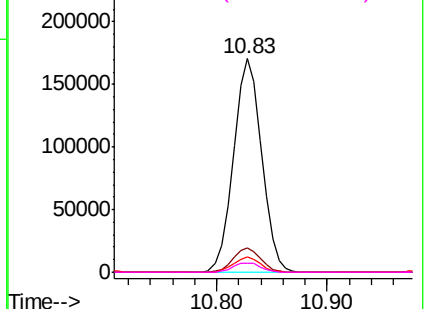


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.901 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Tgt Ion:105 Resp: 264956

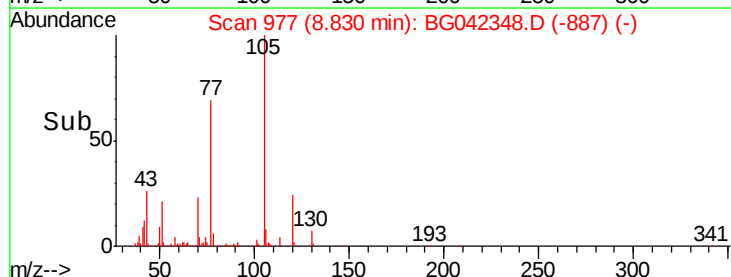
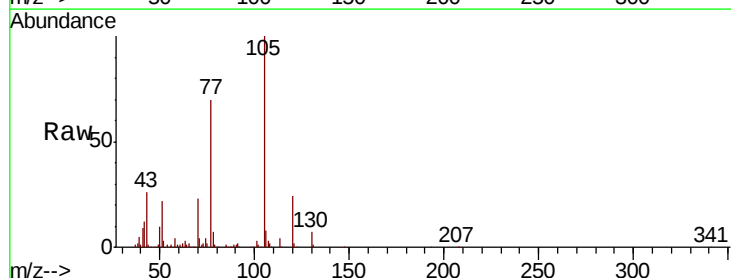
Ion Ratio Lower Upper

105 100

71 3.7 1.8 2.8#

51 21.5 17.5 26.3

120 24.4 18.4 27.6

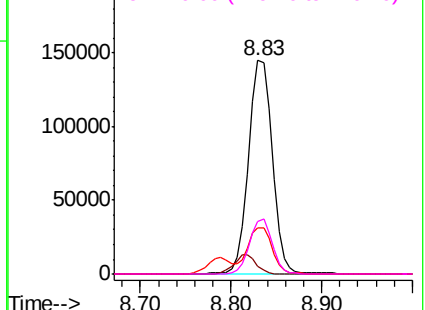


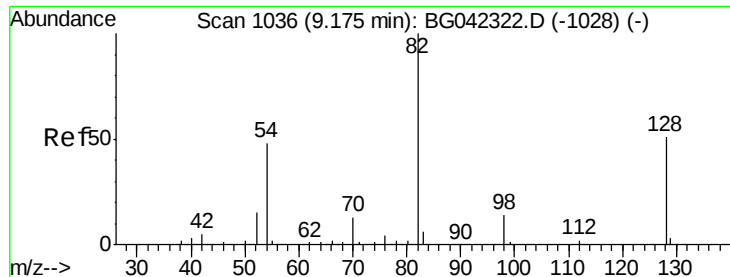
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

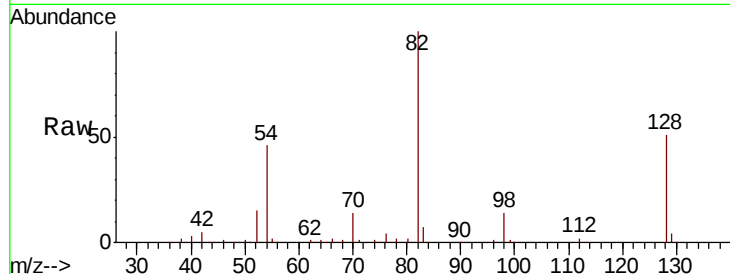




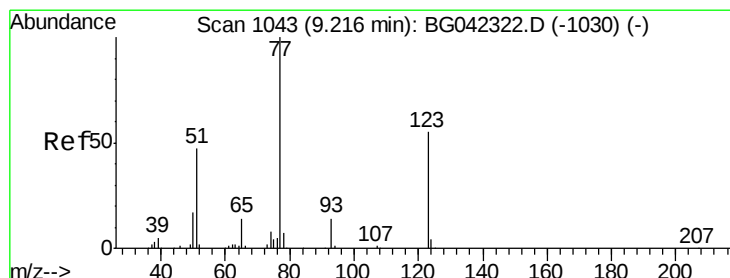
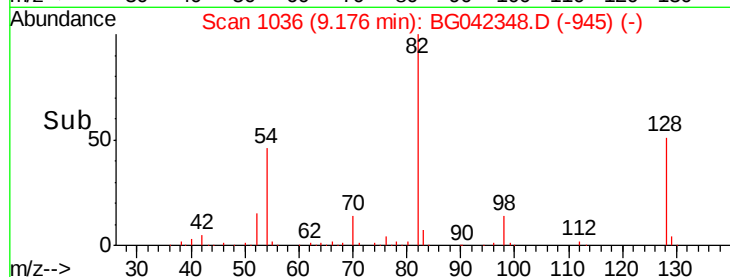
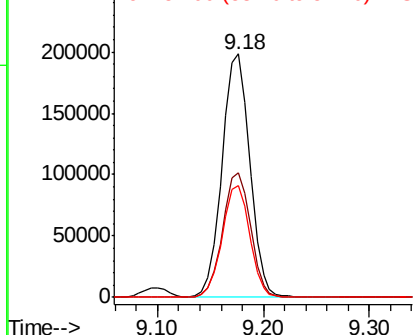
#23
 Nitrobenzene-d5
 Concen: 83.345 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 361276
 Ion Ratio Lower Upper
 82 100
 128 51.3 41.0 61.4
 54 46.0 38.0 57.0

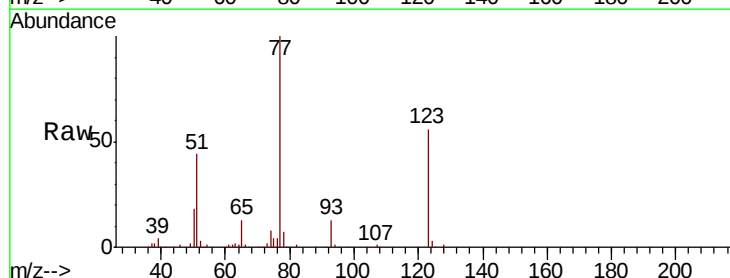


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

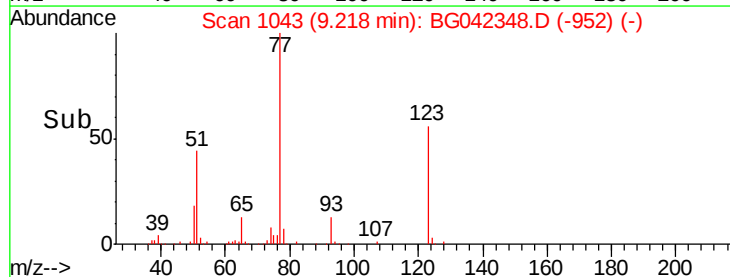
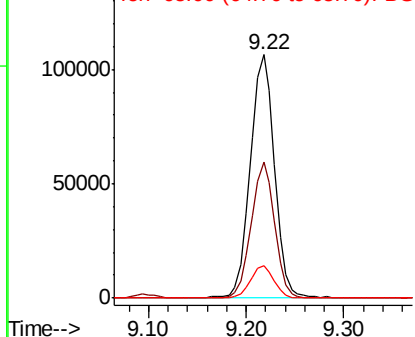


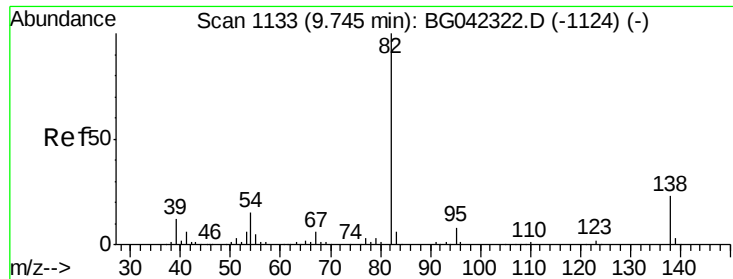
#24
 Nitrobenzene
 Concen: 42.271 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion: 77 Resp: 186703
 Ion Ratio Lower Upper
 77 100
 123 55.9 43.7 65.5
 65 13.3 10.9 16.3



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

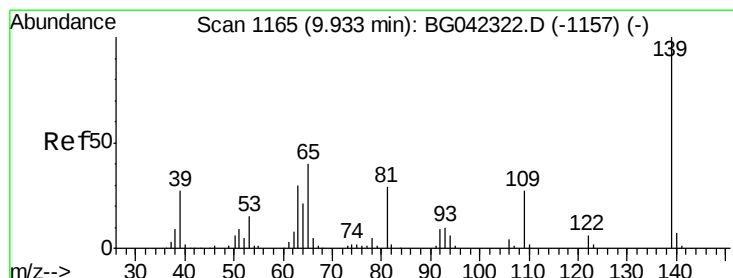
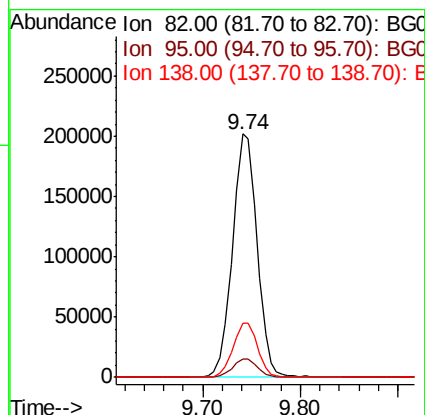
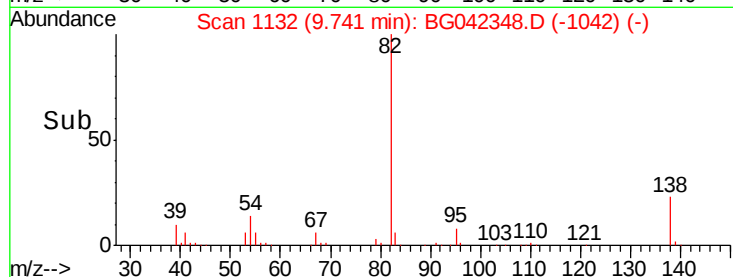
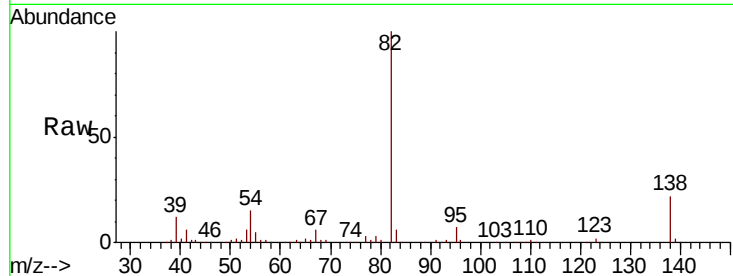




#25
Isophorone
Concen: 40.783 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

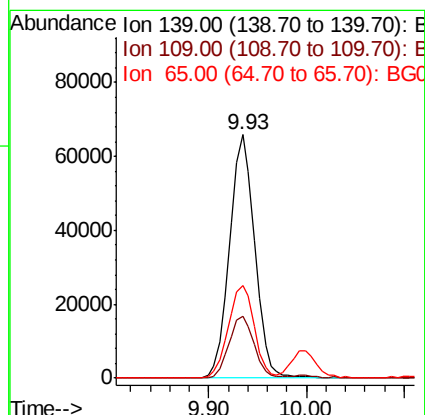
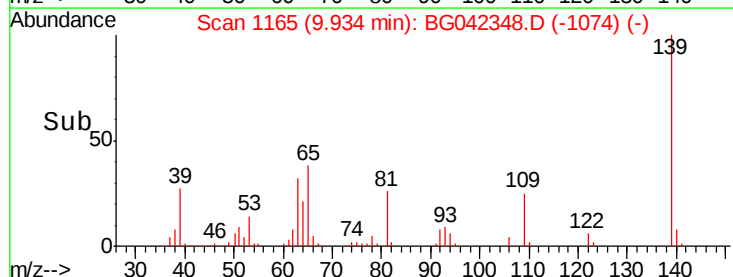
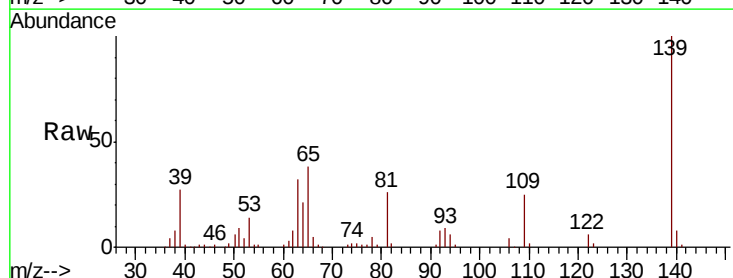
Instrument :
BNA_G
ClientSampled :

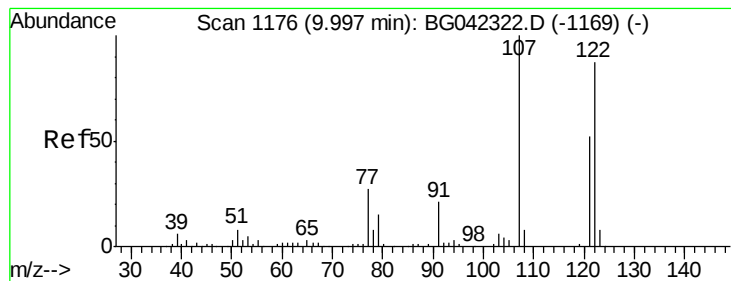
Tot Ion: 82 Resp: 353500
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 22.4 18.2 27.2



#26
2-Nitrophenol
Concen: 43.154 ng
RT: 9.93 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion: 139 Resp: 118490
Ion Ratio Lower Upper
139 100
109 25.4 21.4 32.2
65 38.1 31.8 47.6





#27

2,4-Dimethylphenol

Concen: 41.955 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

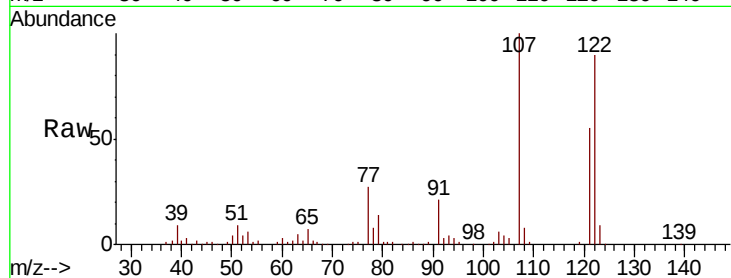
Tot Ion:122 Resp: 159812

Ion Ratio Lower Upper

122 100

107 111.1 91.0 136.4

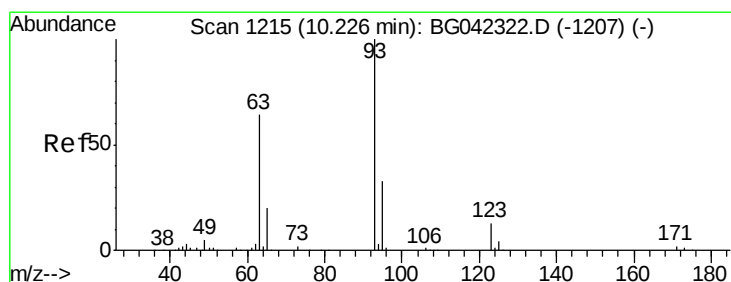
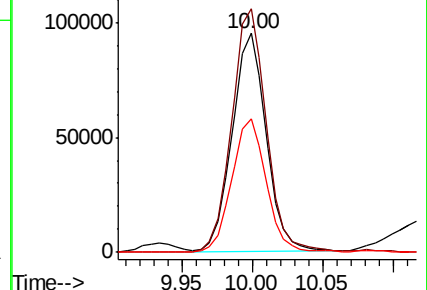
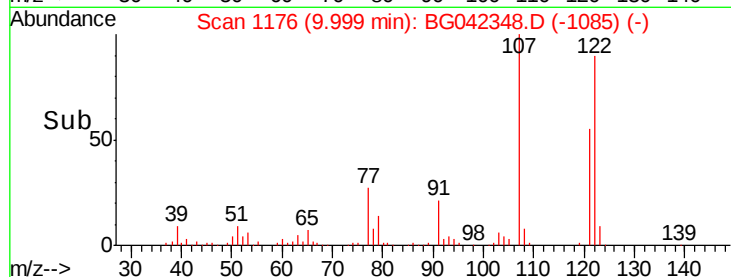
121 61.2 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.069 ng

RT: 10.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

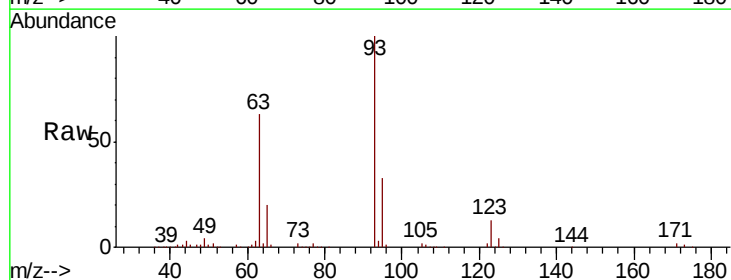
Tgt Ion: 93 Resp: 229297

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

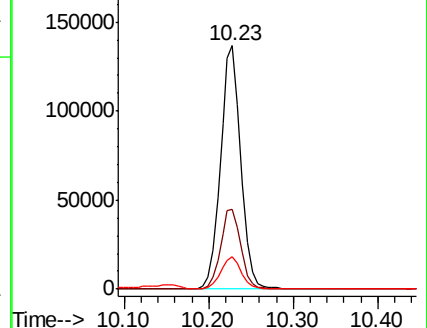
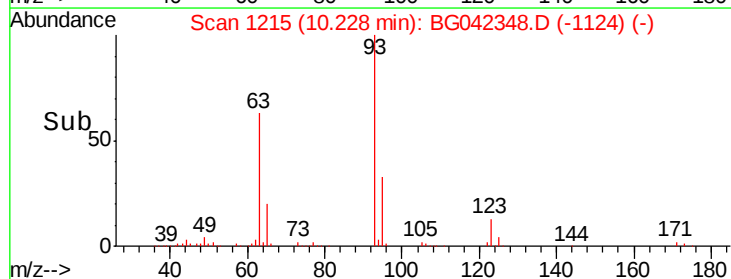
123 13.4 10.3 15.5

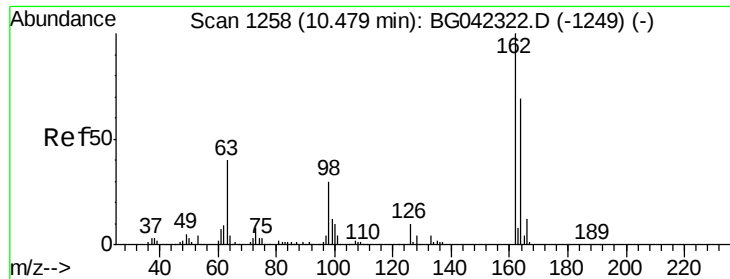


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

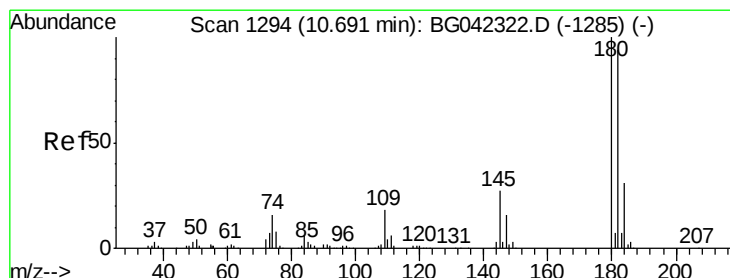
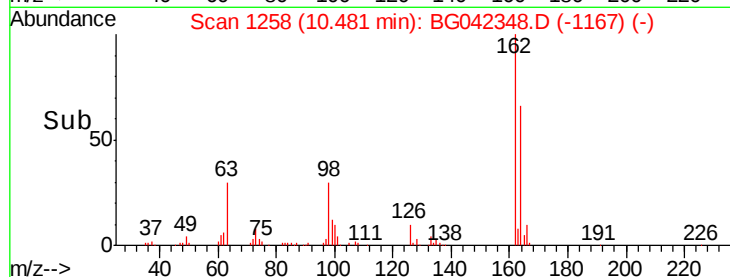
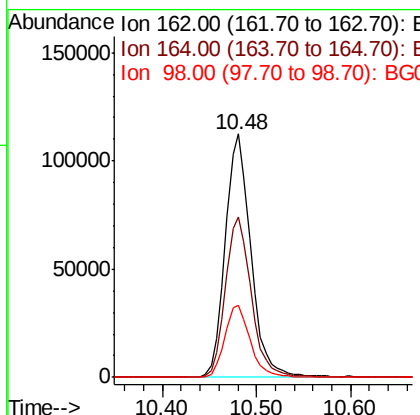
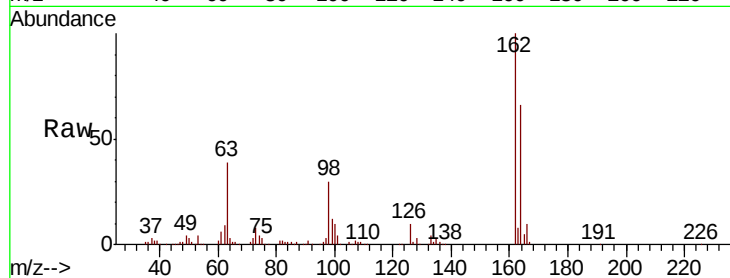




#29
 2,4-Dichlorophenol
 Concen: 42.077 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

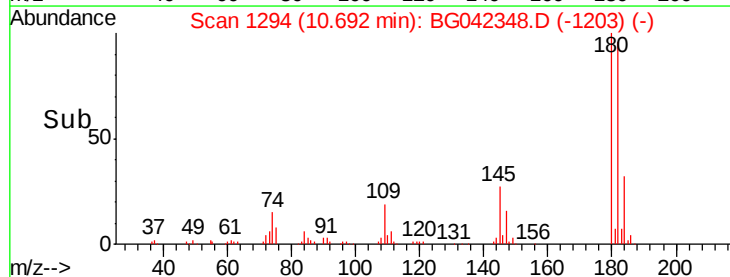
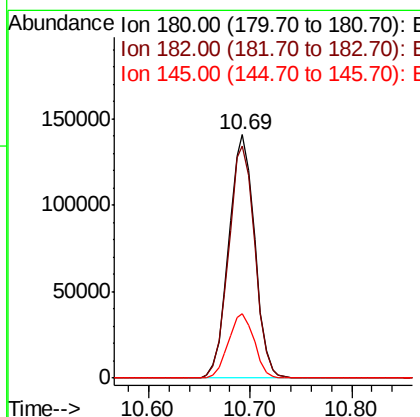
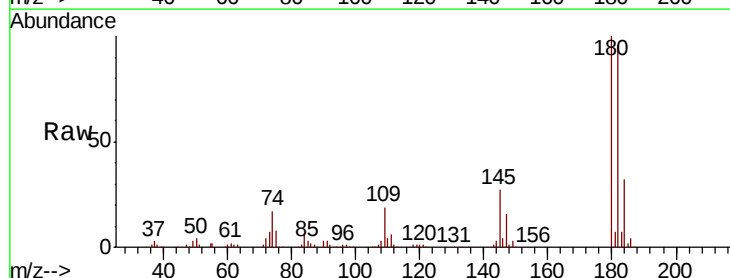
Instrument :
 BNA_G
 ClientSampleId :

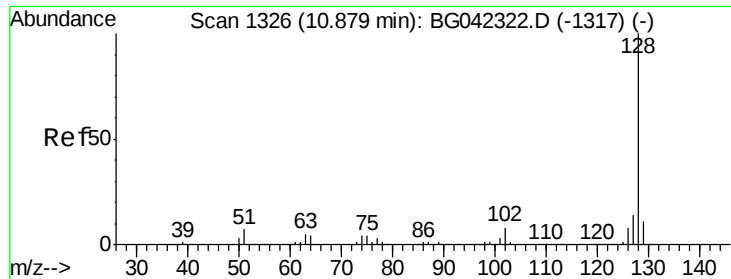
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	48.6	88.6
98	29.5	9.6	49.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.215 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	26.5	21.2	31.8

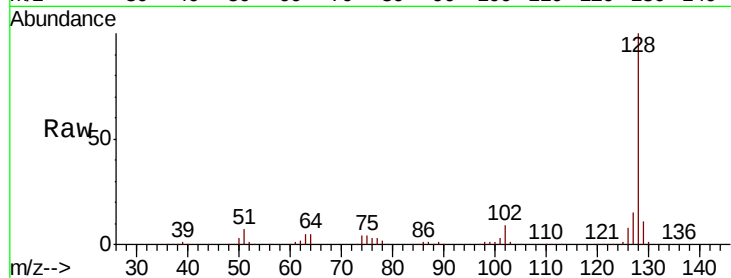




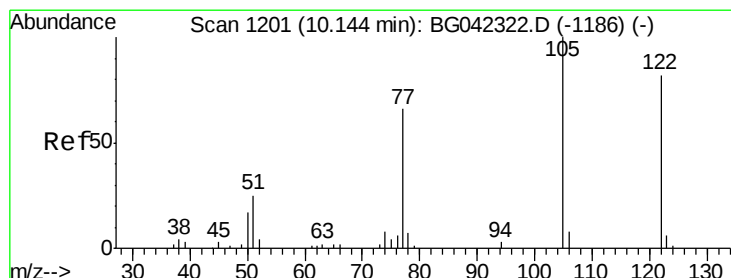
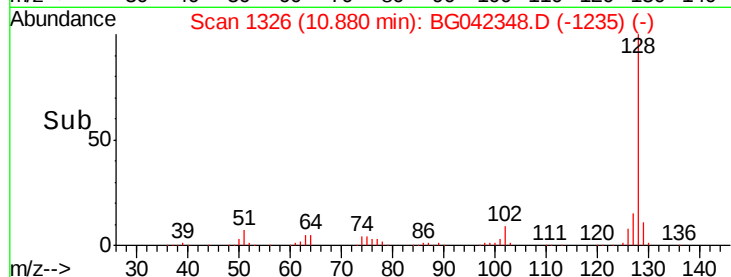
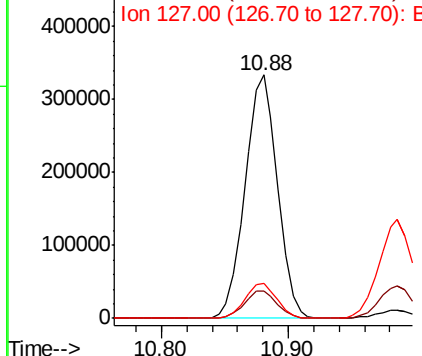
#31
Naphthalene
Concen: 41.832 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 591018
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 14.6 10.8 16.2

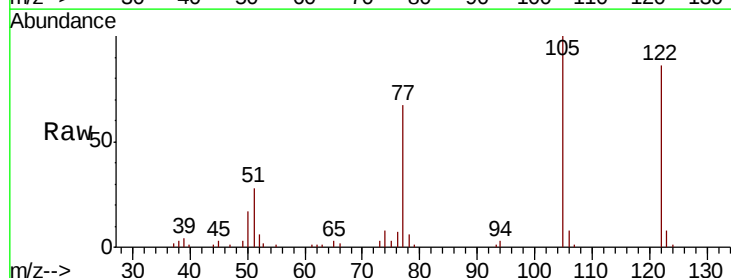


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

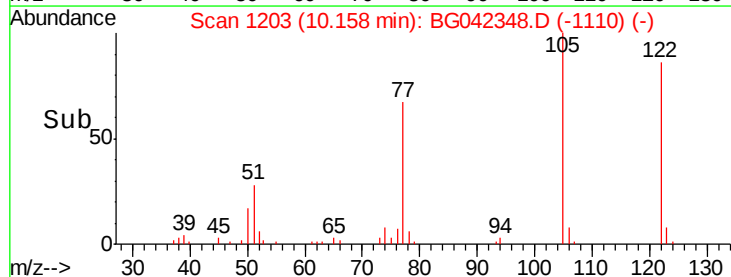
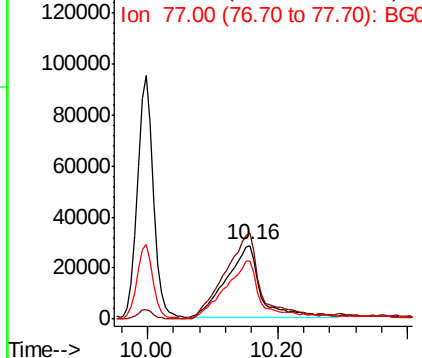


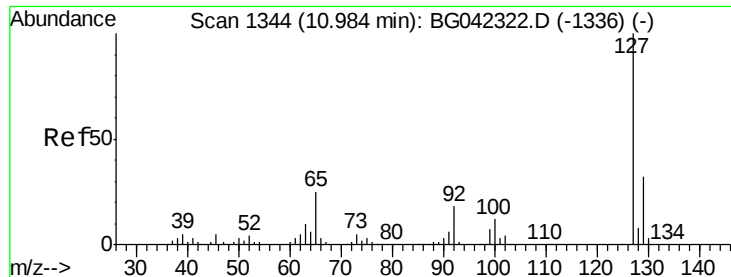
#32
Benzoic acid
Concen: 39.108 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion:122 Resp: 103521
Ion Ratio Lower Upper
122 100
105 116.9 97.7 137.7
77 78.6 58.4 98.4



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

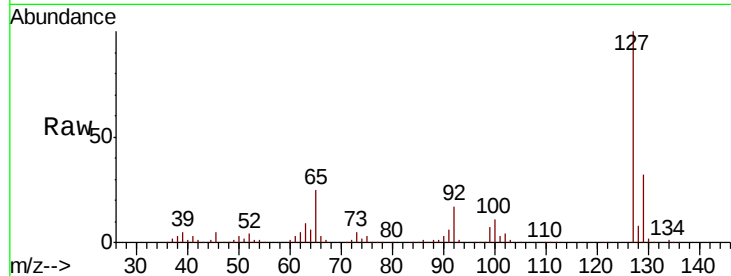




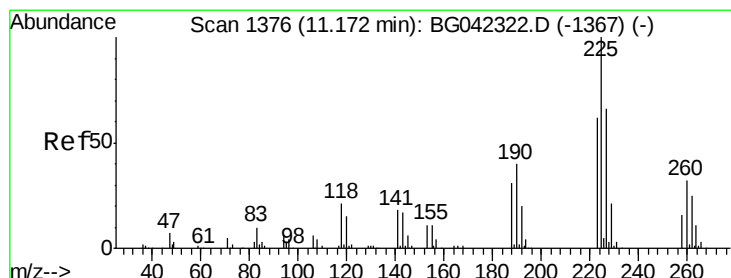
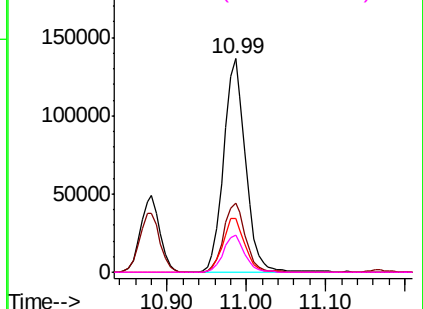
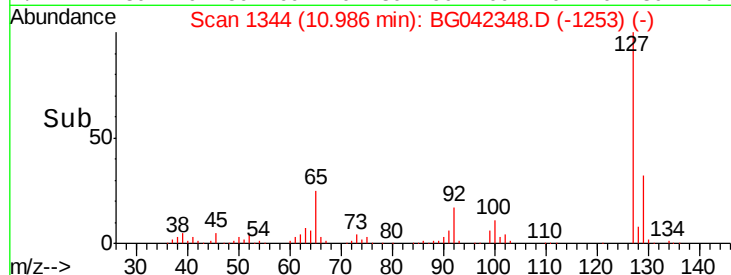
#33
4-Chloroaniline
Concen: 40.319 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	259759
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.9 38.9
65	25.2	19.8 29.8
92	17.1	14.4 21.6

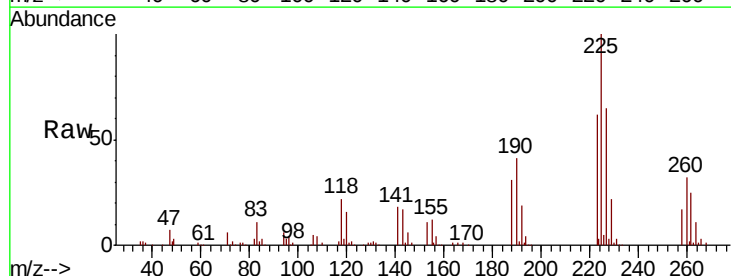


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

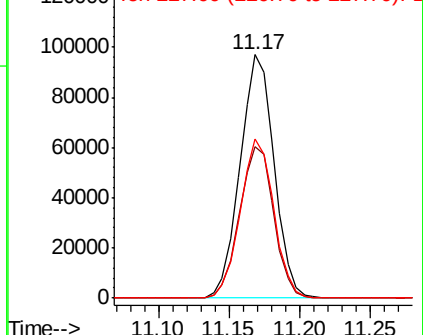
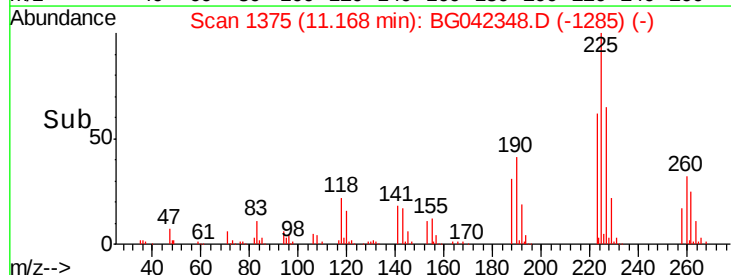


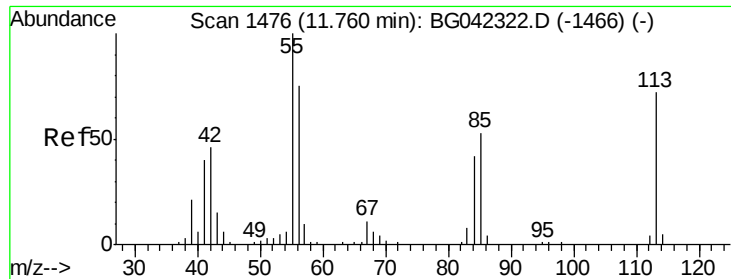
#34
Hexachlorobutadiene
Concen: 39.384 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion:225	Resp:	163401
Ion Ratio	Lower	Upper
225	100	
223	62.1	49.8 74.8
227	65.3	52.9 79.3



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

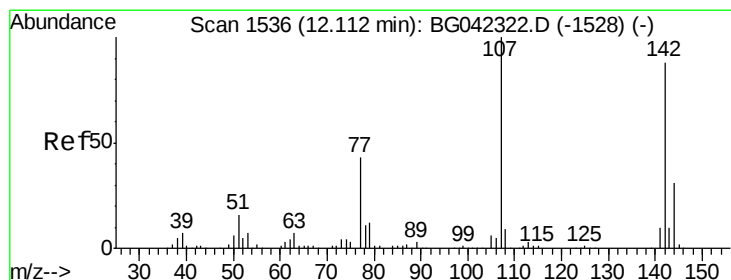
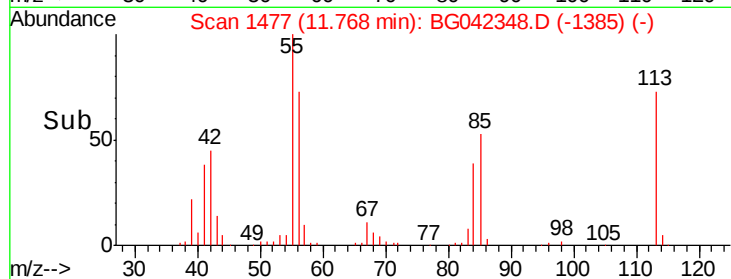
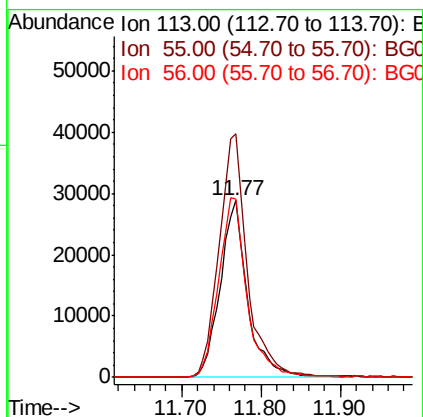
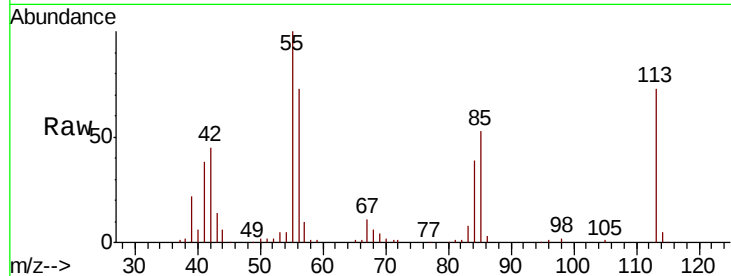




#35
 Caprolactam
 Concen: 42.592 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

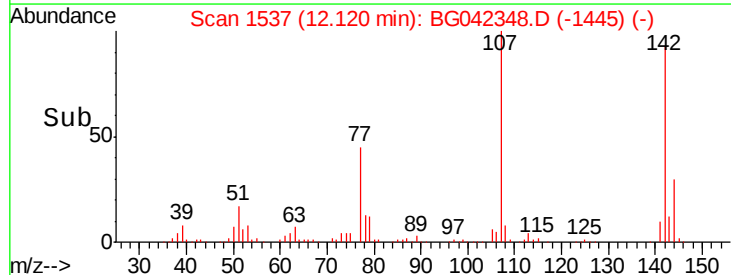
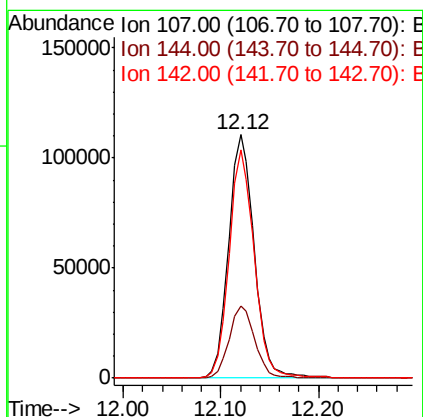
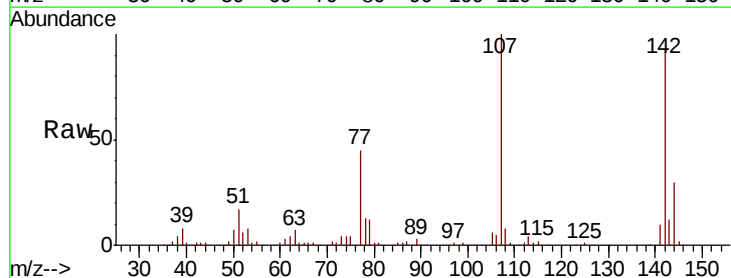
Instrument :
 BNA_G
 ClientSampled :

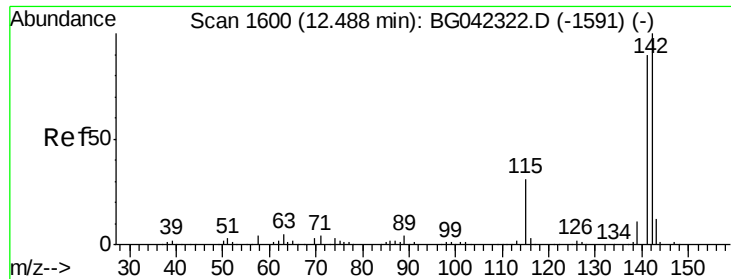
Tot Ion:113 Resp: 68753
 Ion Ratio Lower Upper
 113 100
 55 137.9 119.4 159.4
 56 101.2 83.9 123.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.536 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion:107 Resp: 201370
 Ion Ratio Lower Upper
 107 100
 144 29.8 24.9 37.3
 142 93.5 70.3 105.5

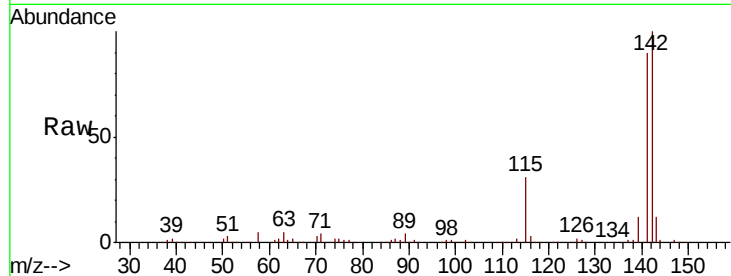




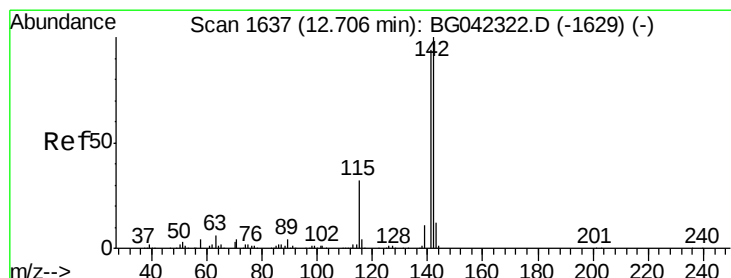
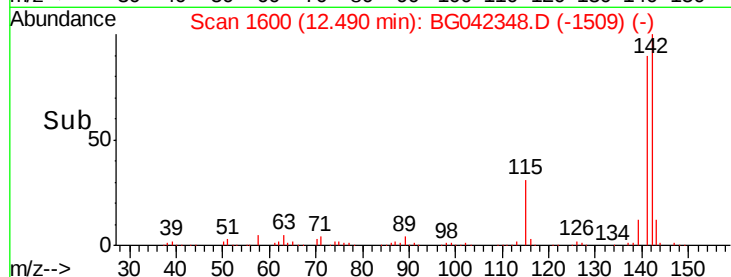
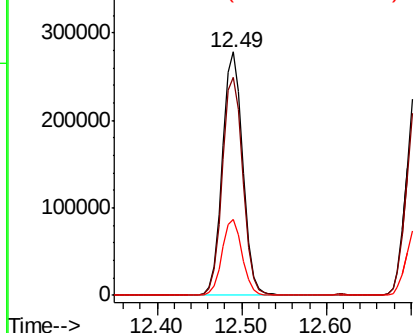
#37
 2-Methylnaphthalene
 Concen: 41.148 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.1	108.1
115	31.0	24.4	36.6

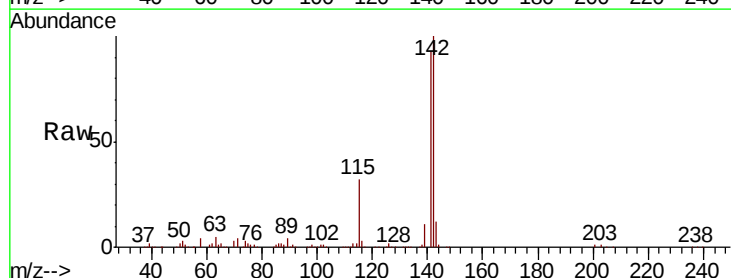


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

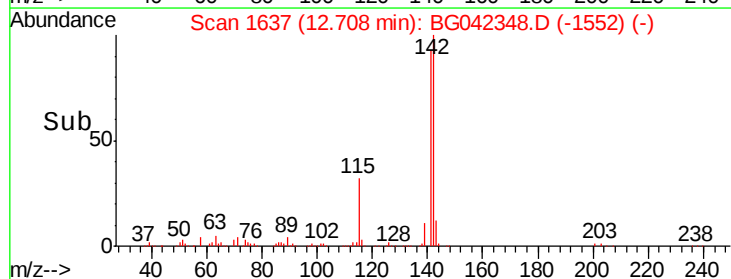
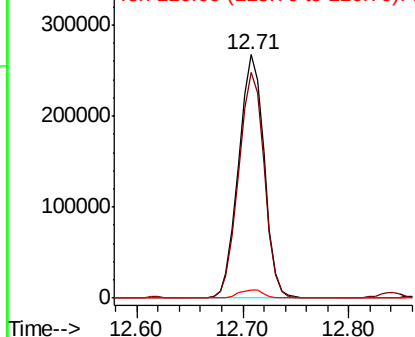


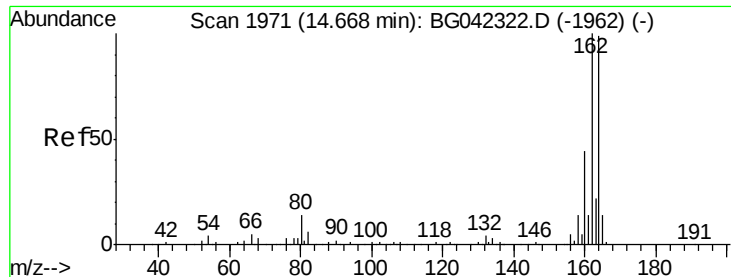
#38
 1-Methylnaphthalene
 Concen: 41.242 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.1	112.7
116	3.5	3.0	4.6



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

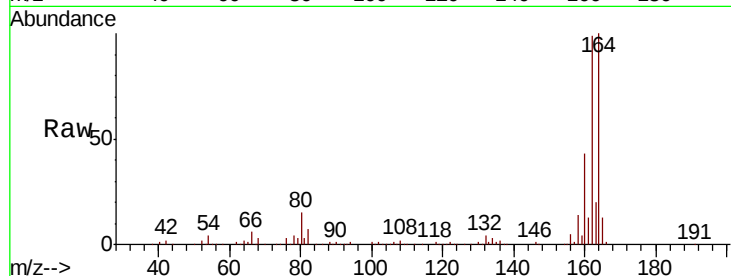




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	42.6	35.7	53.5

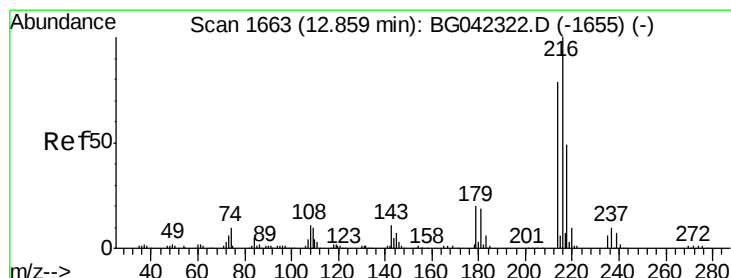
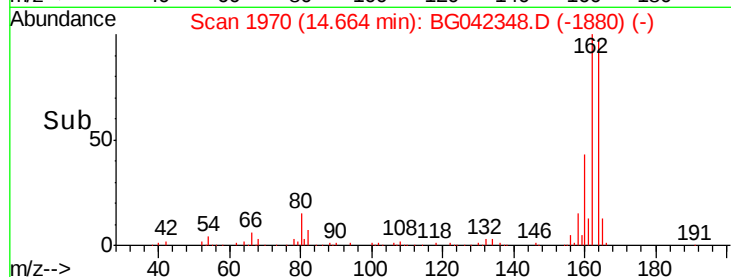
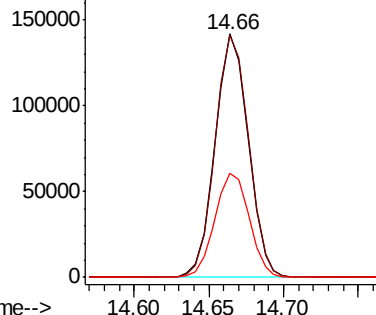


Abundance

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: 40.990 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.2	93.4
179	19.2	15.3	22.9
108	12.0	9.6	14.4

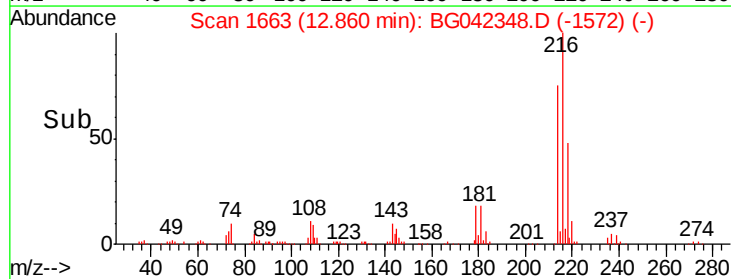
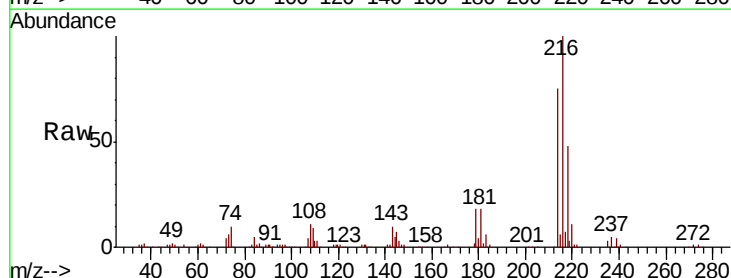
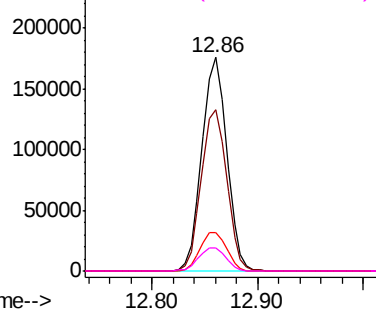
Abundance

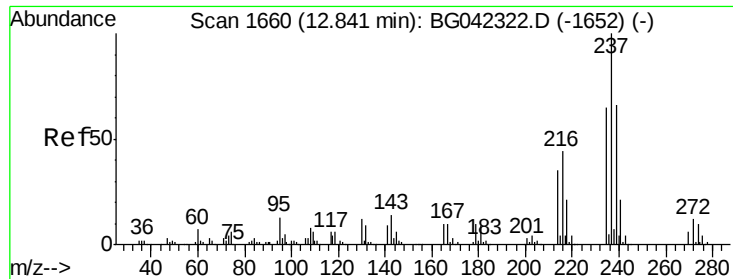
Ion 216.00 (215.70 to 216.70): E

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: 30.810 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

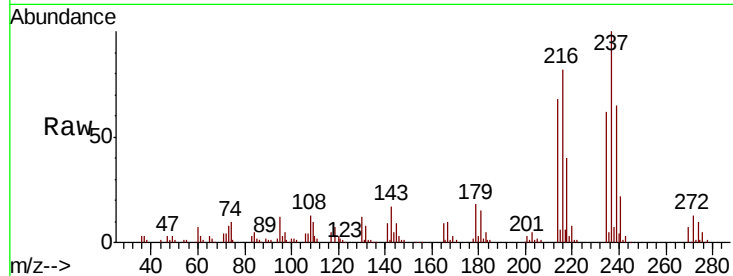
Tot Ion:237 Resp: 107475

Ion Ratio Lower Upper

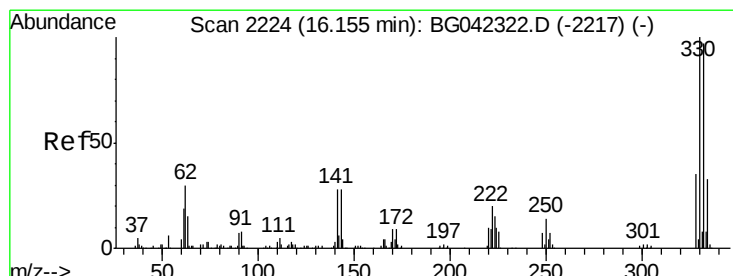
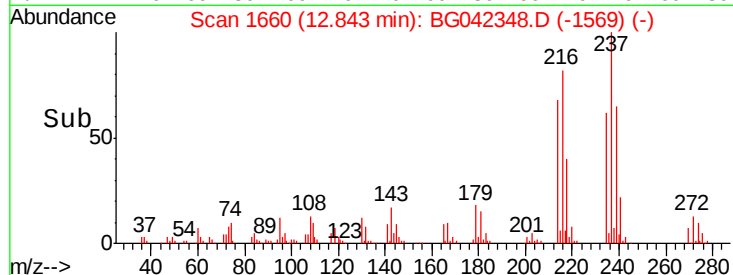
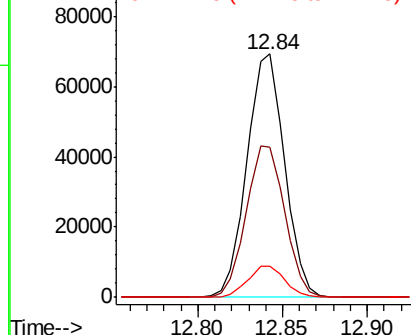
237 100

235 61.7 45.1 85.1

272 12.8 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 80.431 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

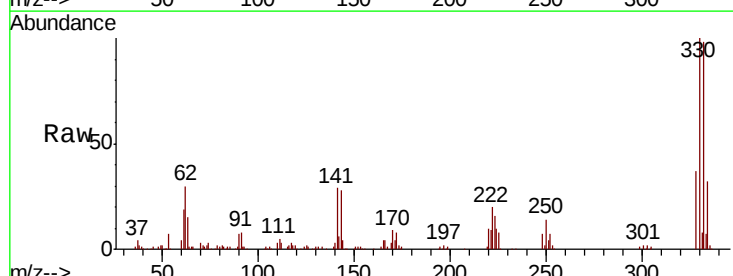
Tgt Ion:330 Resp: 238355

Ion Ratio Lower Upper

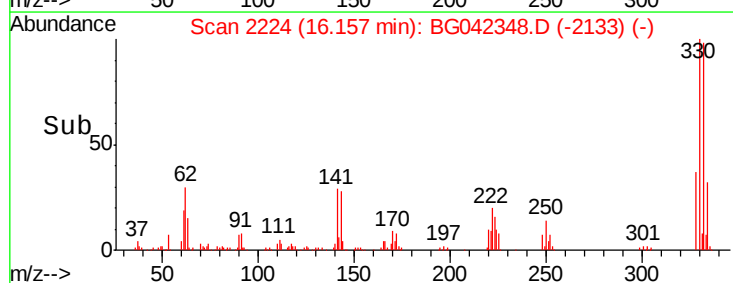
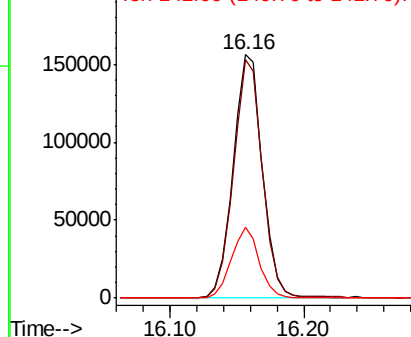
330 100

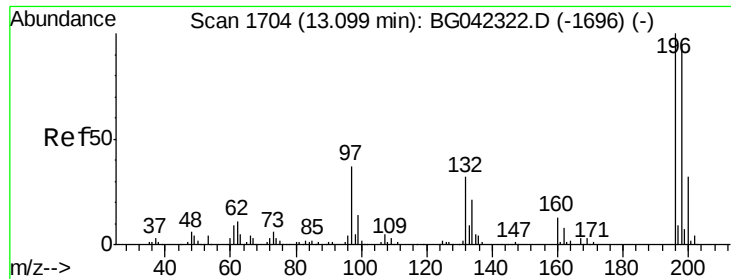
332 97.0 76.9 115.3

141 27.8 21.8 32.6



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

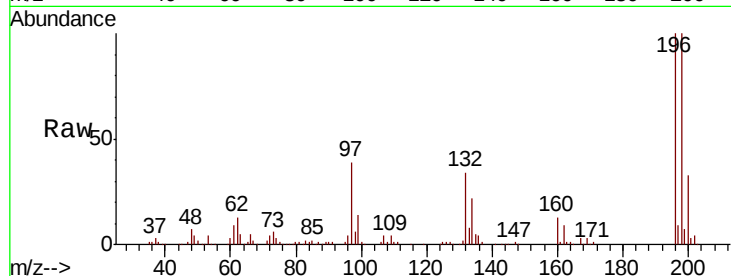




#43
 2,4,6-Trichlorophenol
 Concen: 39.796 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	186805
Ion Ratio	Lower	Upper	
196	100		
198	99.7	75.9	113.9
200	32.8	25.5	38.3

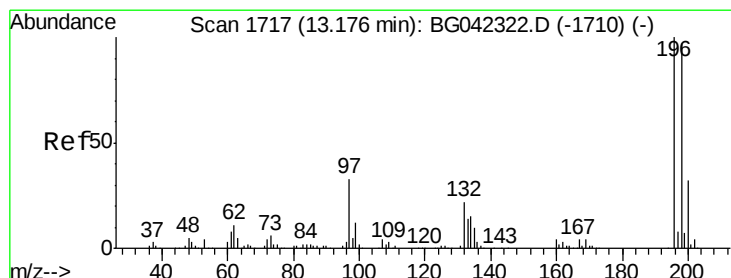
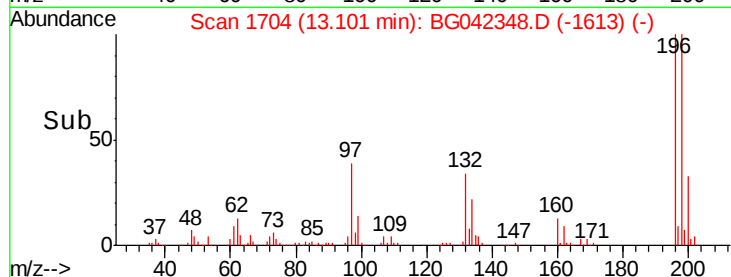
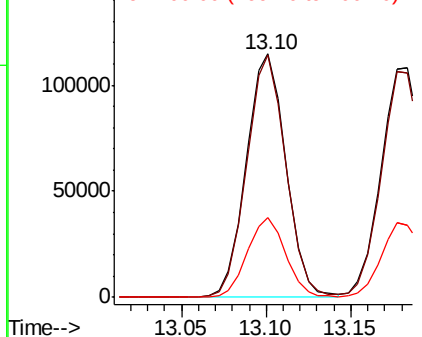


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.995 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion	196	Resp	203034
Ion Ratio	Lower	Upper	
196	100		
198	97.9	77.4	116.2
97	32.5	26.5	39.7
132	21.0	17.5	26.3

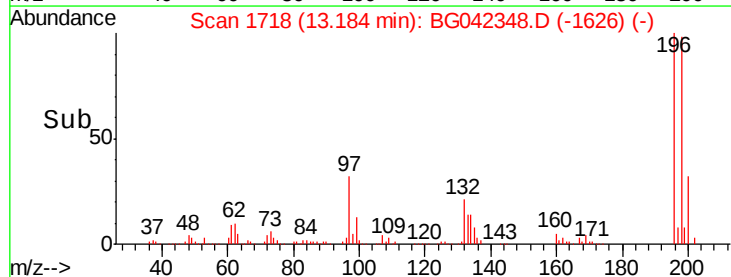
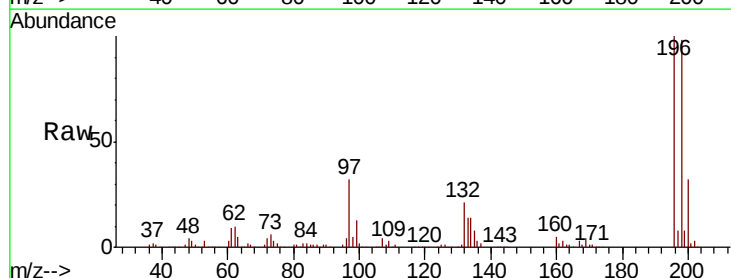
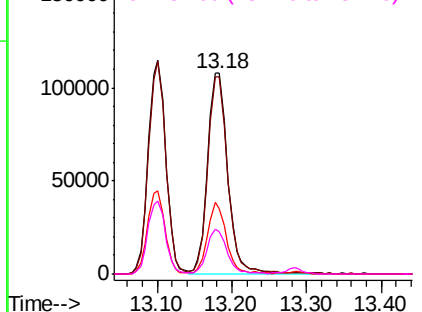
Abundance

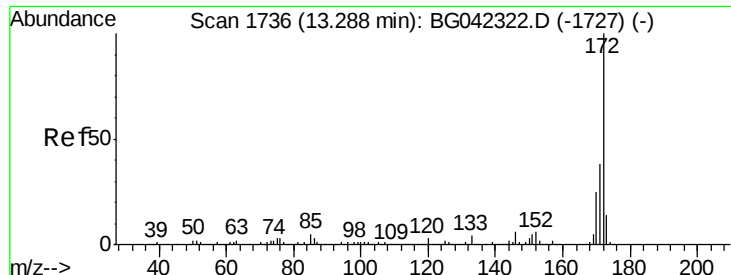
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

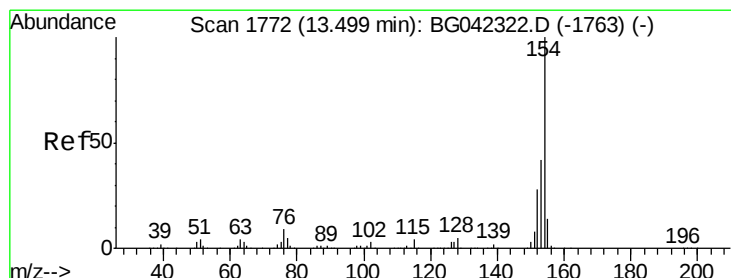
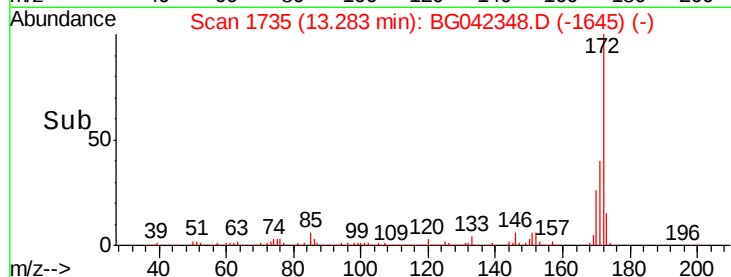
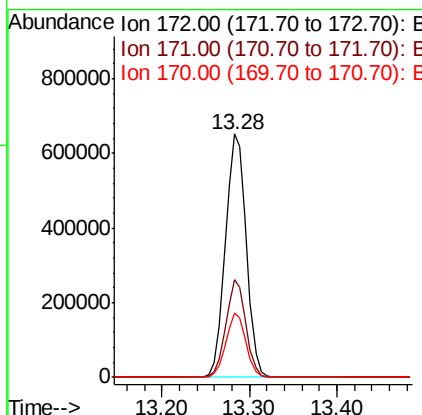
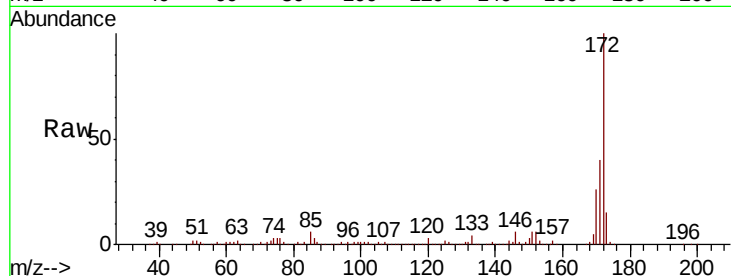




#45
2-Fluorobiphenyl
Concen: 82.739 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

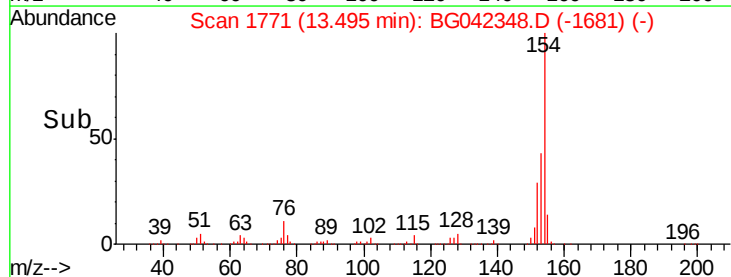
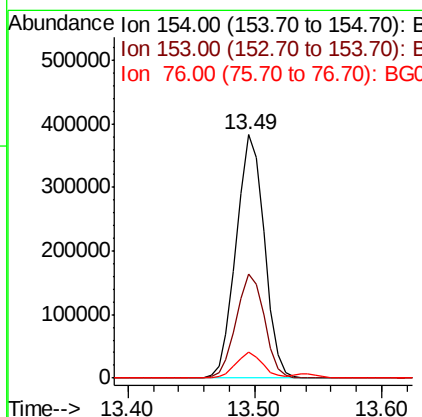
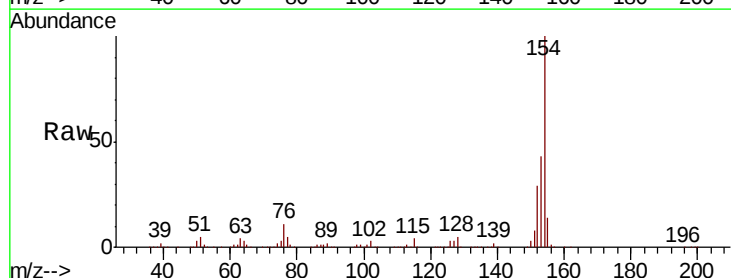
Instrument :
BNA_G
ClientSampled :

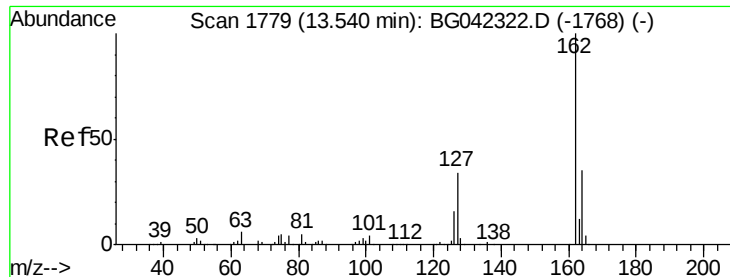
Tot Ion:172 Resp: 1063897
Ion Ratio Lower Upper
172 100
171 40.0 30.3 45.5
170 26.2 20.0 30.0



#46
1,1'-Biphenyl
Concen: 41.565 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion:154 Resp: 590047
Ion Ratio Lower Upper
154 100
153 42.6 21.9 61.9
76 10.7 0.0 29.3





#47

2-Chloronaphthalene

Concen: 41.448 ng

RT: 13.54 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

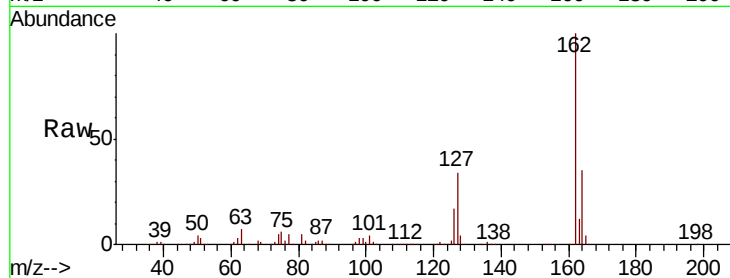
Tot Ion:162 Resp: 501599

Ion Ratio Lower Upper

162 100

127 33.5 27.2 40.8

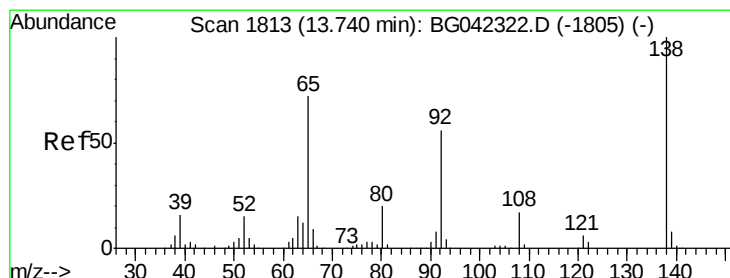
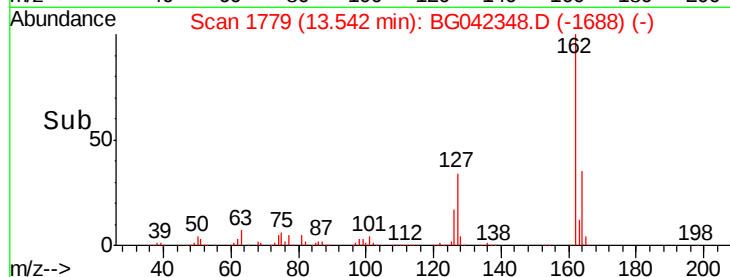
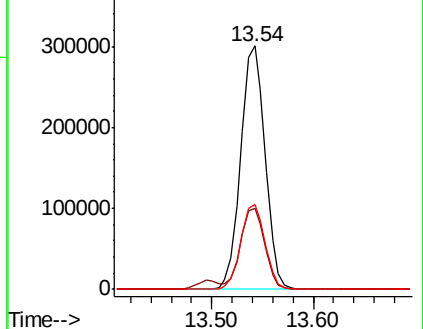
164 35.1 27.8 41.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.999 ng

RT: 13.74 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

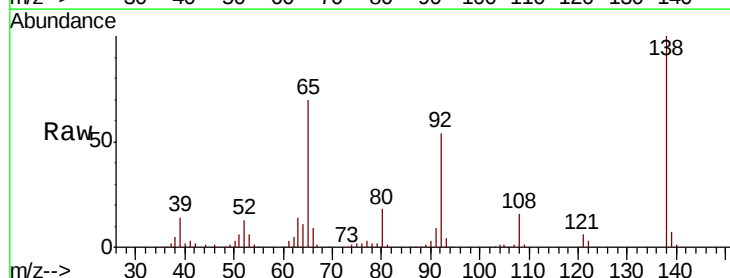
Tgt Ion: 65 Resp: 120125

Ion Ratio Lower Upper

65 100

92 78.0 62.6 94.0

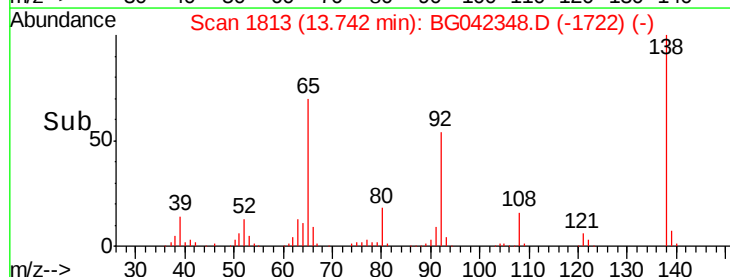
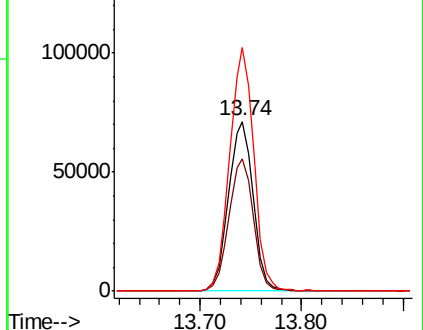
138 143.2 111.5 167.3

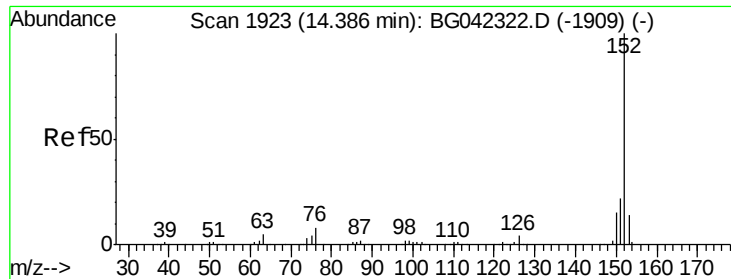


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.297 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

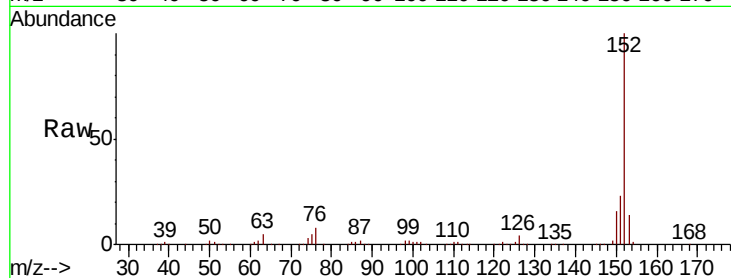
Tot Ion:152 Resp: 769512

Ion Ratio Lower Upper

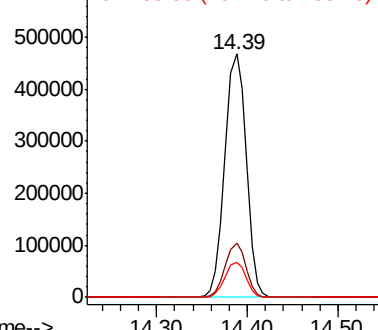
152 100

151 22.5 17.3 25.9

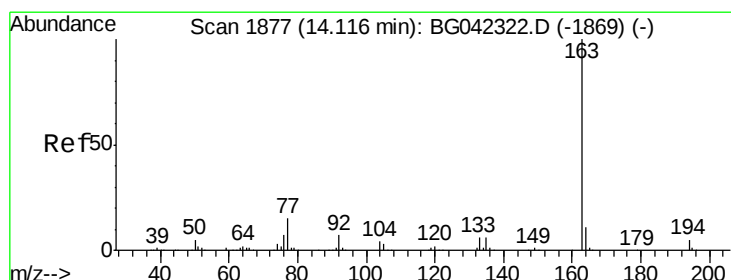
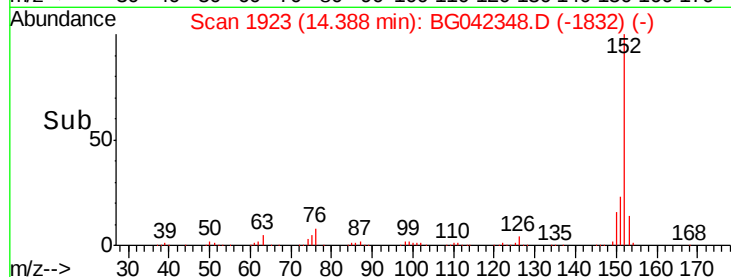
153 14.3 11.5 17.3



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



Time-->



#50

Dimethylphthalate

Concen: 40.963 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

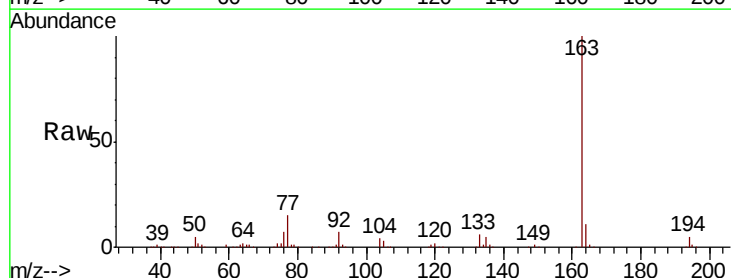
Tgt Ion:163 Resp: 633328

Ion Ratio Lower Upper

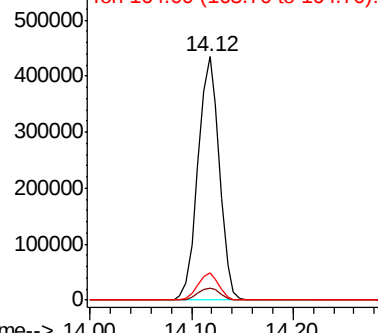
163 100

194 5.1 4.2 6.2

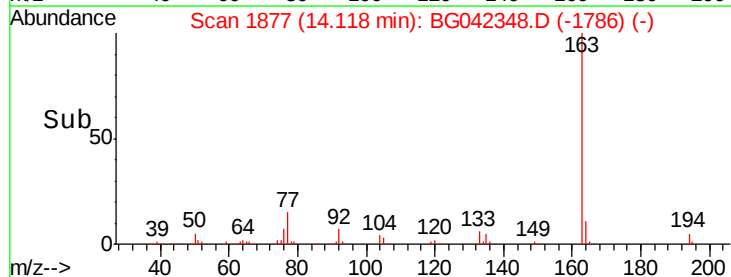
164 11.0 8.8 13.2

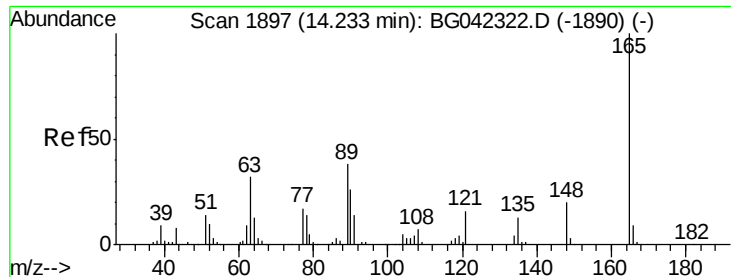


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

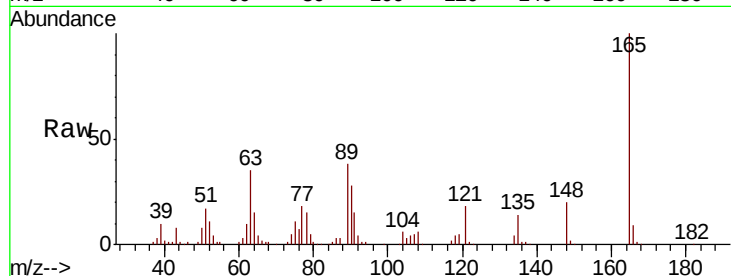




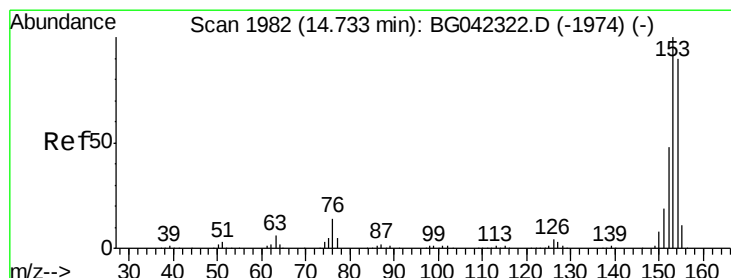
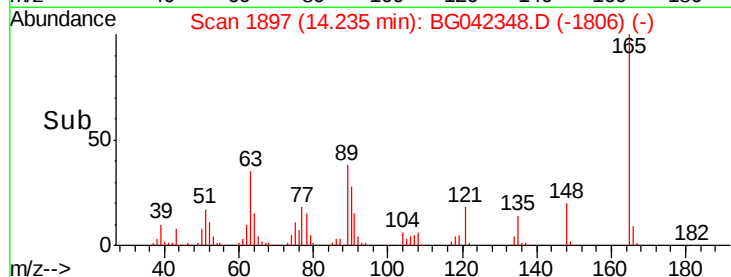
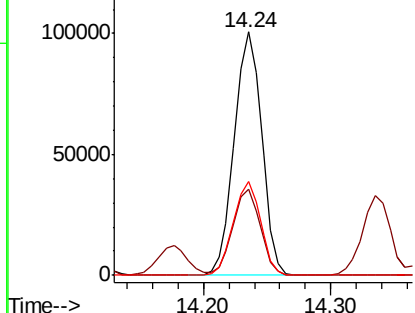
#51
 2,6-Dinitrotoluene
 Concen: 41.820 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.4	28.2	42.2
89	38.4	30.0	45.0

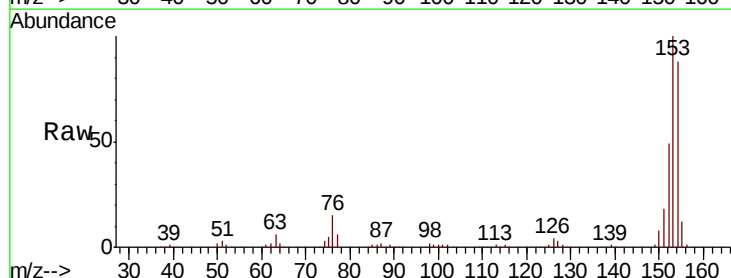


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

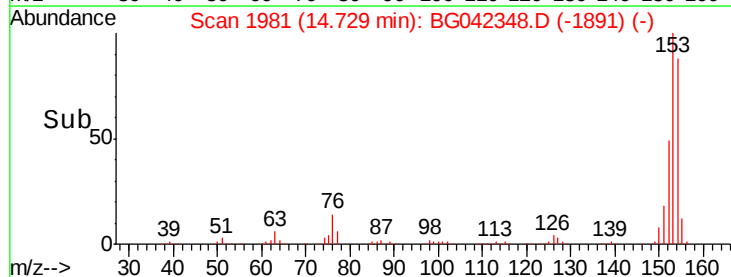
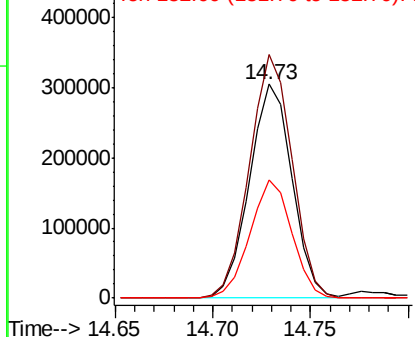


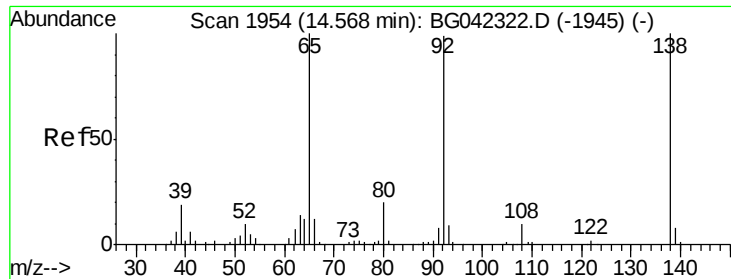
#52
 Acenaphthene
 Concen: 41.561 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.4	134.0
152	55.4	43.1	64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.988 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

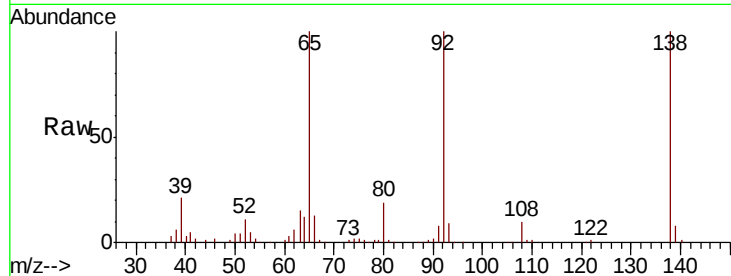
Tot Ion:138 Resp: 145835

Ion Ratio Lower Upper

138 100

108 9.6 7.9 11.9

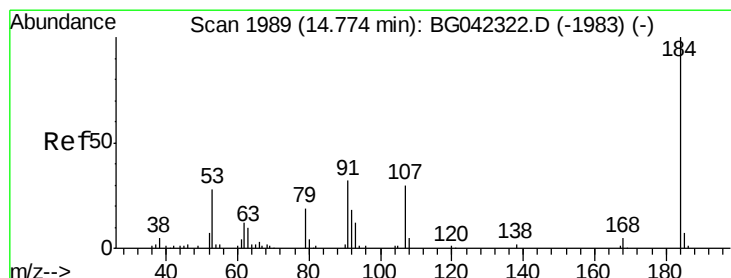
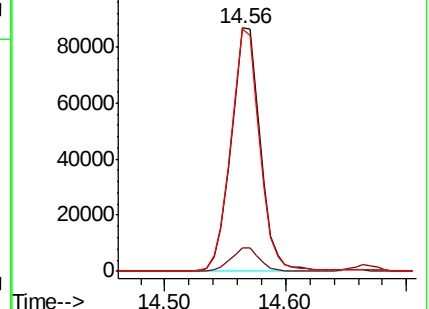
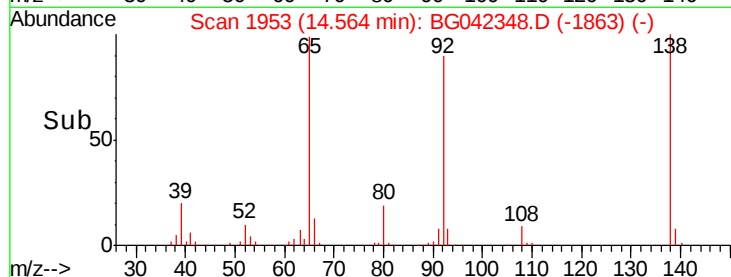
92 99.6 79.8 119.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 20.507 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

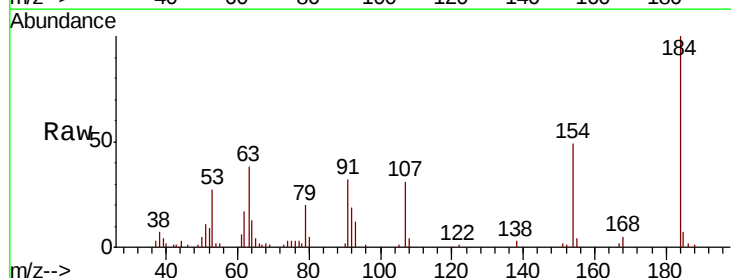
Tgt Ion:184 Resp: 35633

Ion Ratio Lower Upper

184 100

63 37.6 30.2 45.4

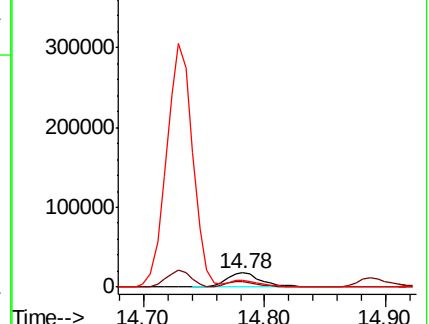
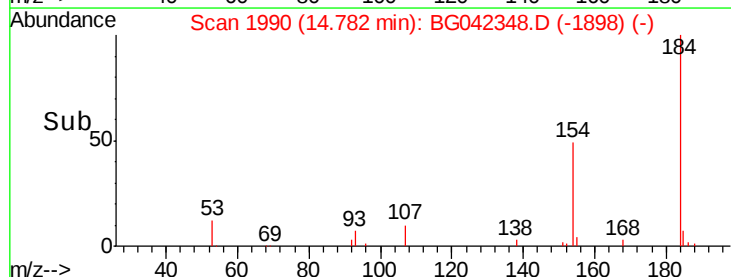
154 48.7 39.7 59.5

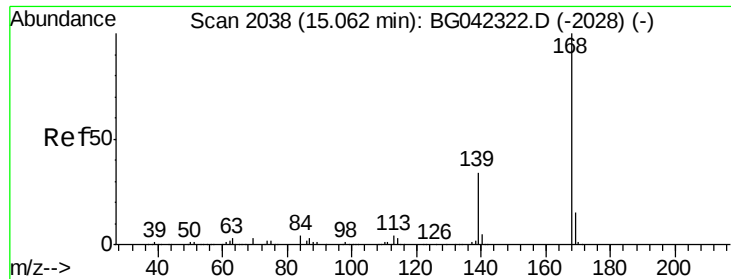


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

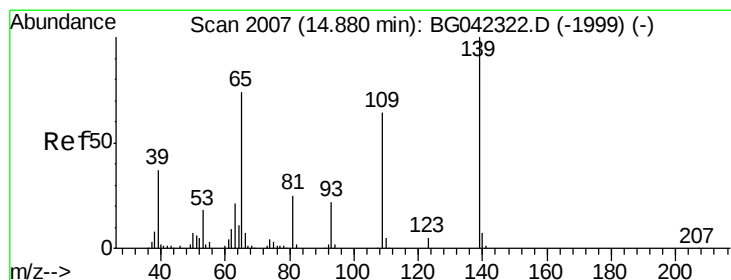
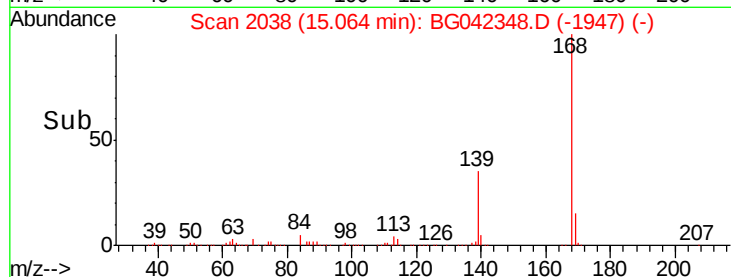
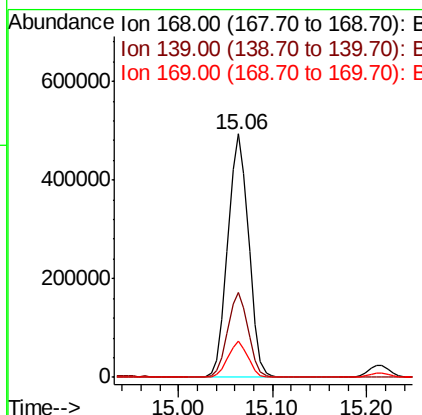
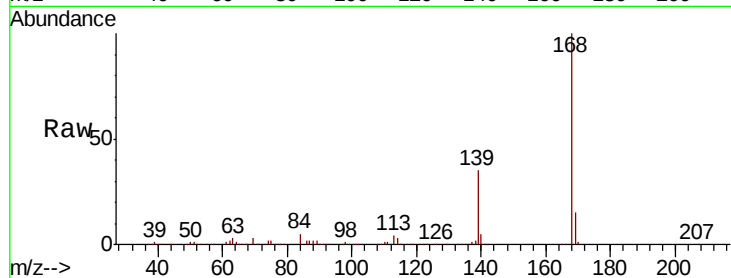




#55
Dibenzenofuran
Concen: 42.153 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

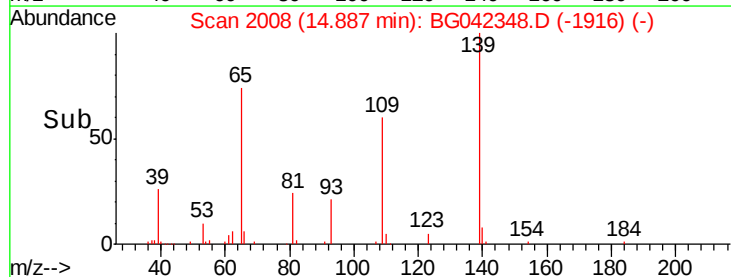
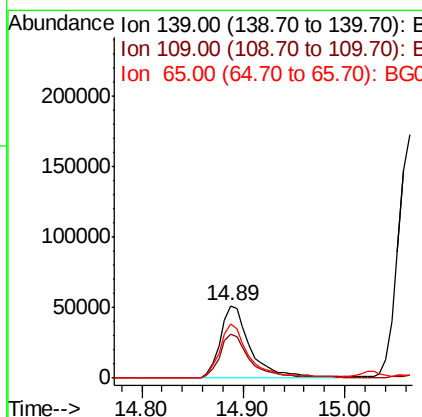
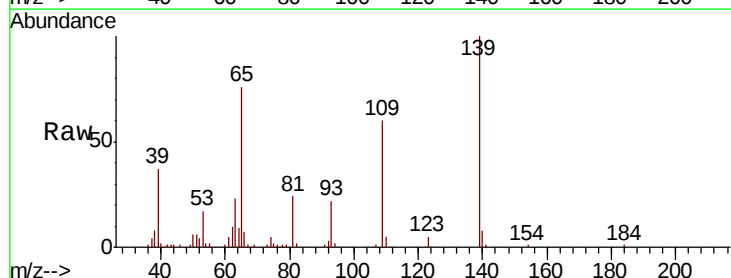
Instrument :
BNA_G
ClientSampleId :

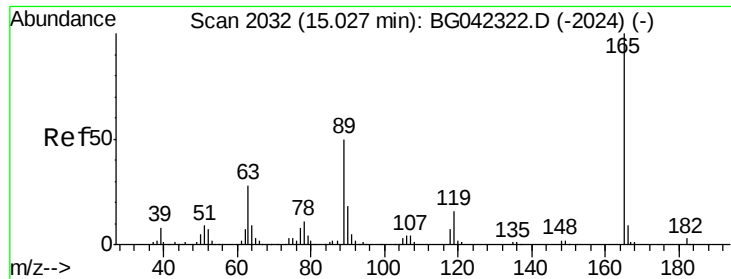
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.6	41.4
169	15.0	11.7	17.5



#56
4-Nitrophenol
Concen: 41.565 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.5	44.0	84.0
65	75.7	54.5	94.5

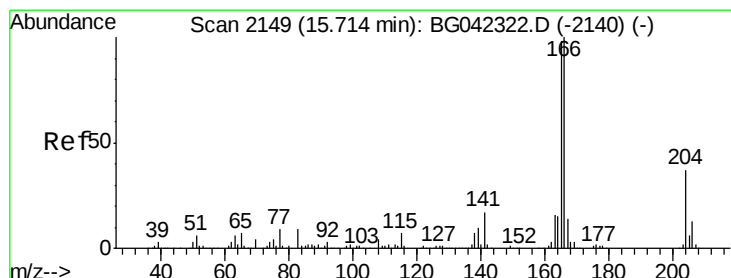
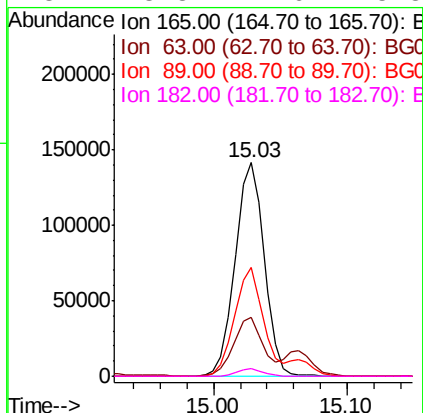
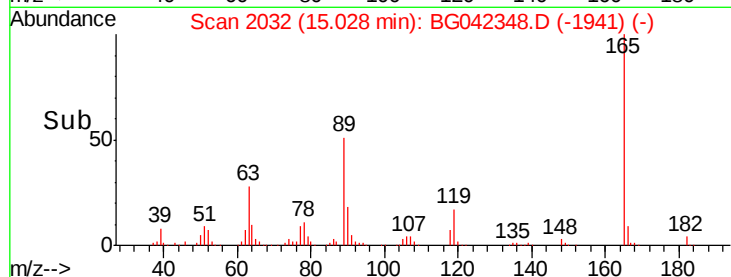
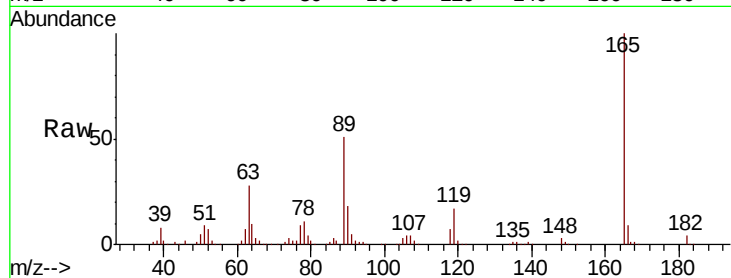




#57
 2,4-Dinitrotoluene
 Concen: 42.234 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

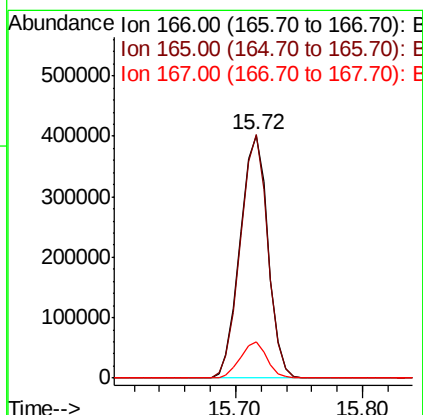
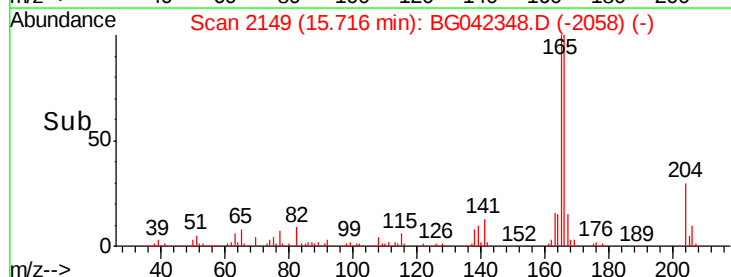
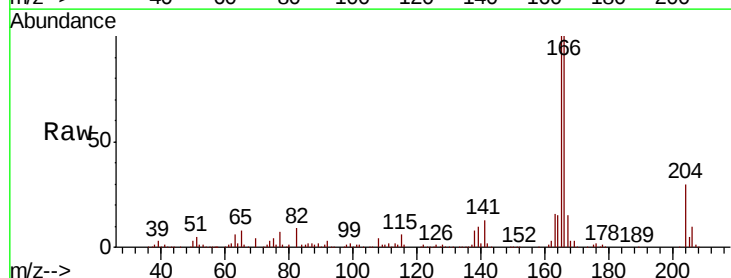
Instrument :
 BNA_G
 ClientSampled :

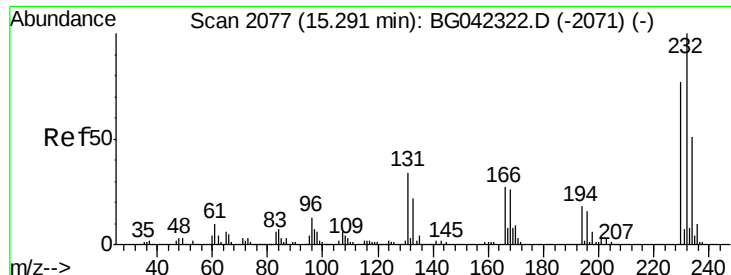
Tot Ion	Ratio	Lower	Upper
165	100		
63	27.7	22.4	33.6
89	51.1	40.2	60.2
182	3.8	2.6	3.8



#58
 Fluorene
 Concen: 41.749 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.7	118.1
167	14.7	11.1	16.7

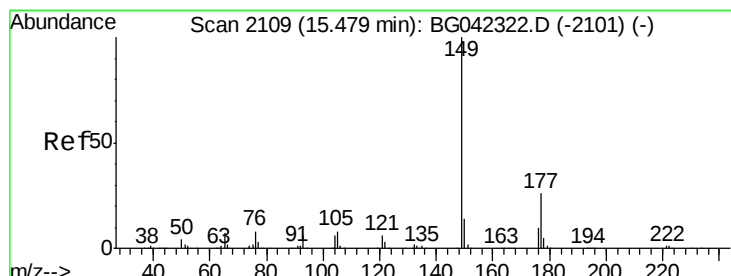
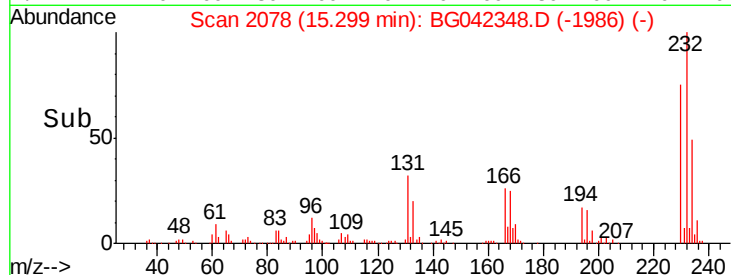
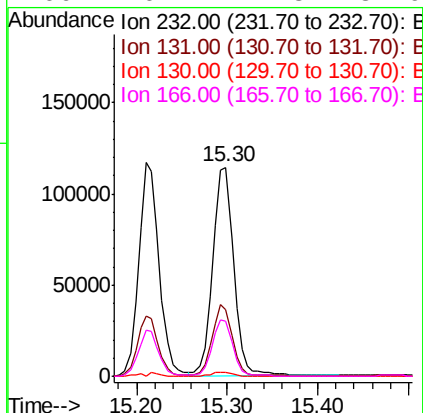
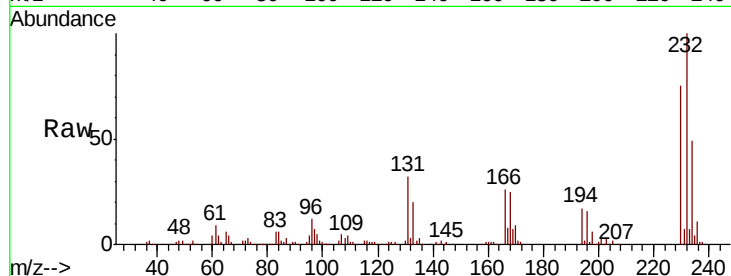




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.071 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

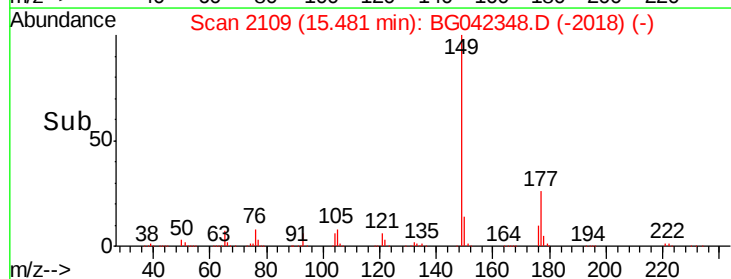
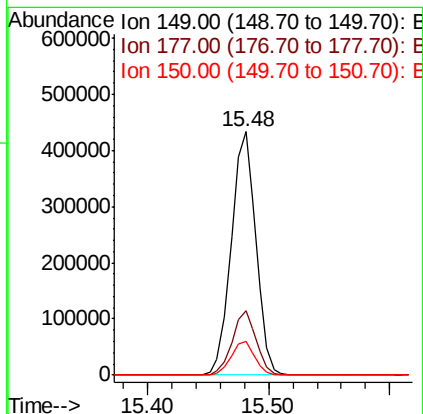
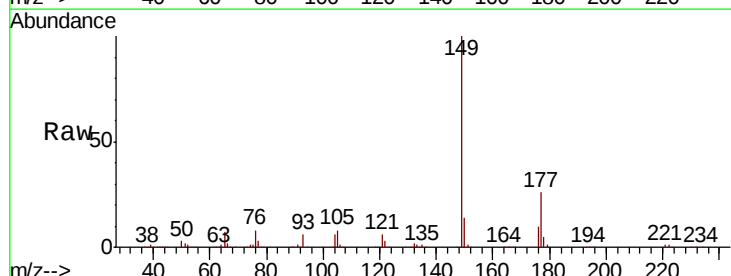
Instrument :
 BNA_G
 ClientSampleId :

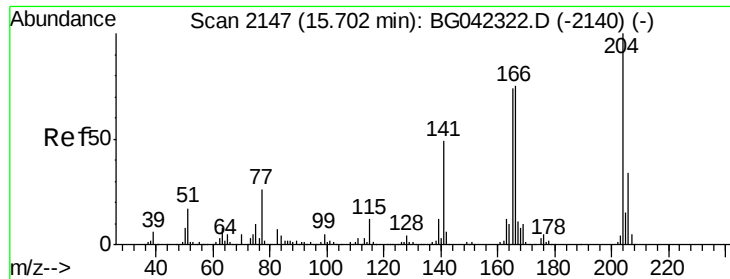
Tot Ion:	232	Resp:	183460
Ion	Ratio	Lower	Upper
232	100		
131	33.0	27.0	40.6
130	1.8	1.4	2.0
166	26.4	21.3	31.9



#60
 Diethylphthalate
 Concen: 41.070 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion:	149	Resp:	614335
Ion	Ratio	Lower	Upper
149	100		
177	26.3	20.7	31.1
150	13.7	11.0	16.4

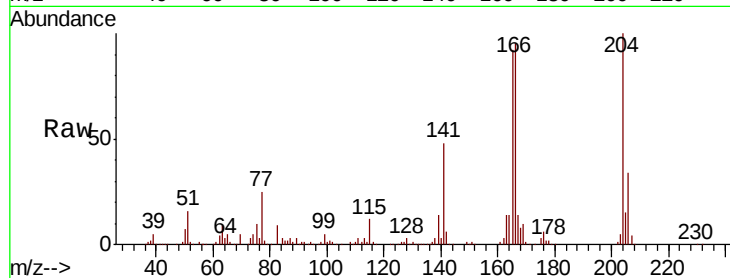




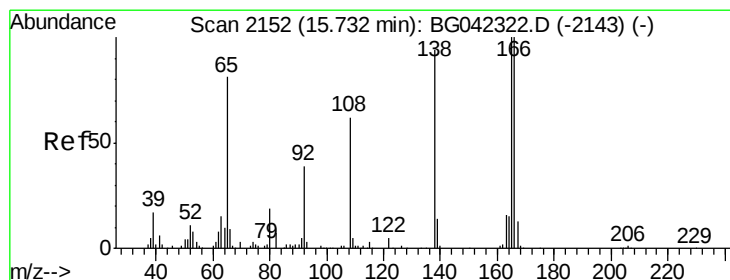
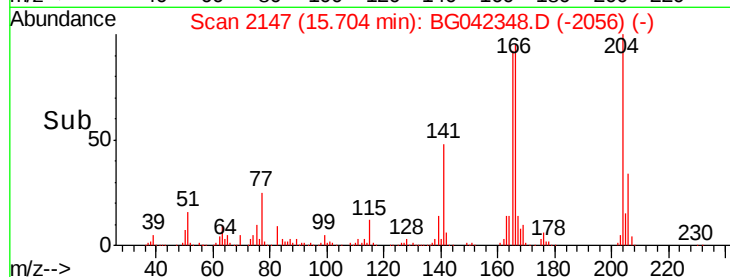
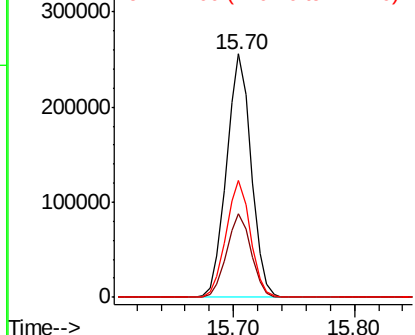
#61
4-Chlorophenyl-phenylether
Concen: 40.985 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 361940
Ion Ratio Lower Upper
204 100
206 34.4 27.5 41.3
141 48.2 38.8 58.2

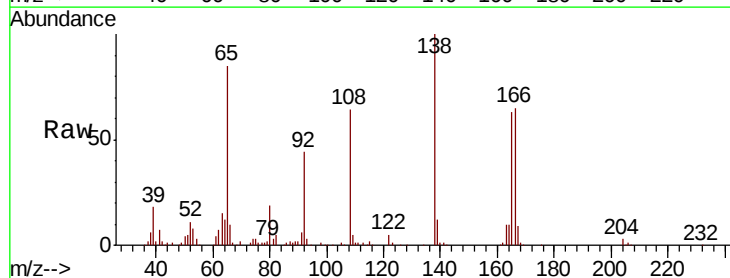


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

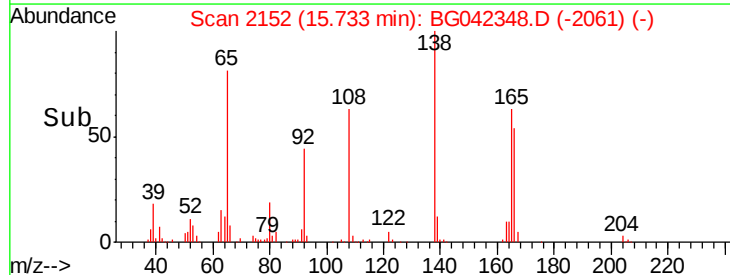
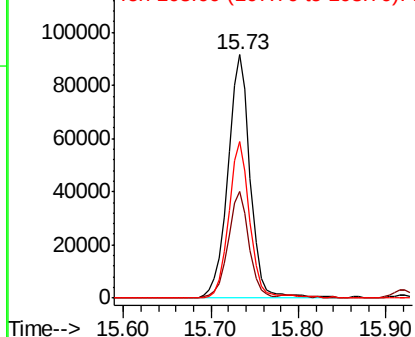


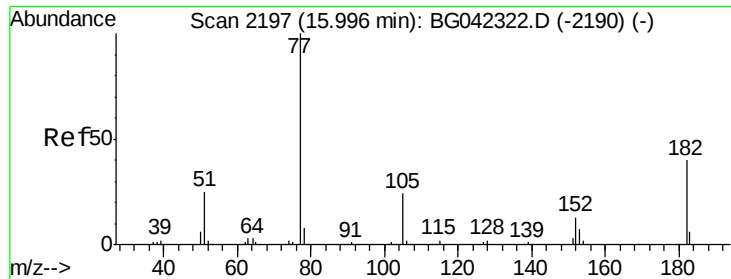
#62
4-Nitroaniline
Concen: 42.286 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion:138 Resp: 158992
Ion Ratio Lower Upper
138 100
92 43.7 21.5 61.5
108 64.5 45.7 85.7



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

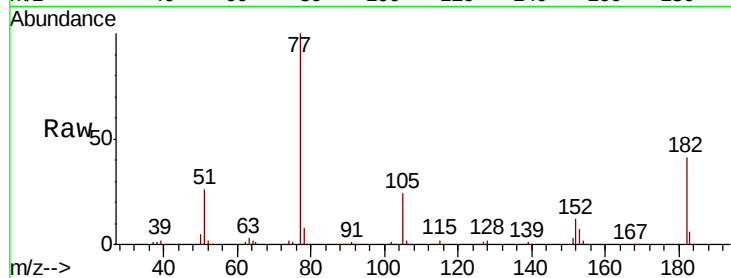




#63
Azobenzene
Concen: 41.708 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	41.5	19.7	59.7	
105	23.7	3.5	43.5	
51	26.1	5.4	45.4	



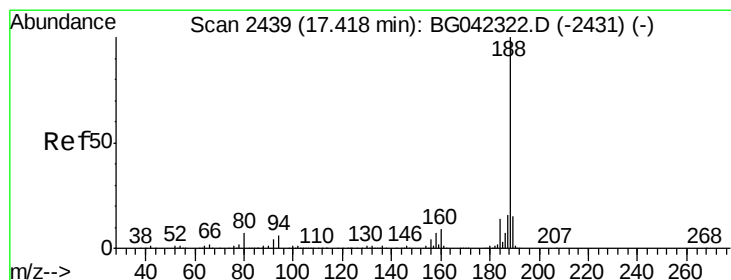
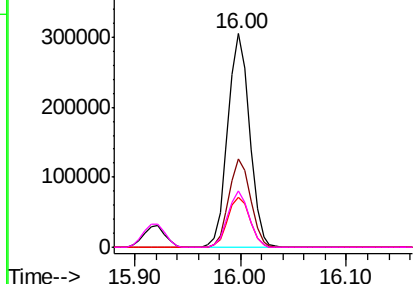
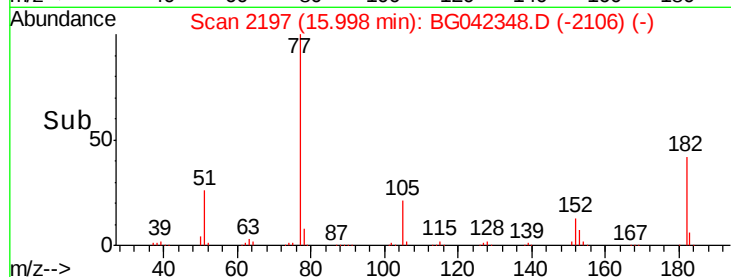
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

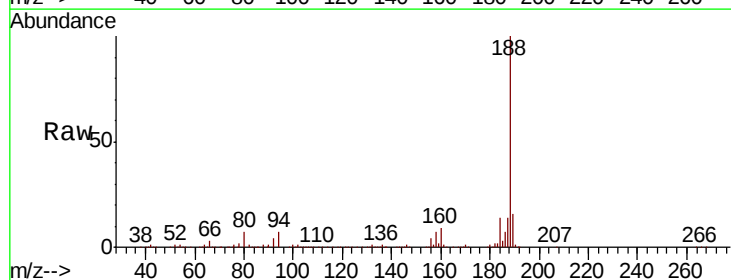
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.6	4.9	7.3	
80	7.4	5.4	8.0	

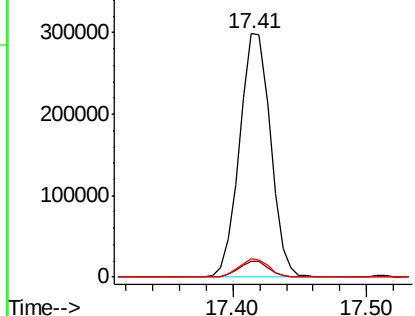
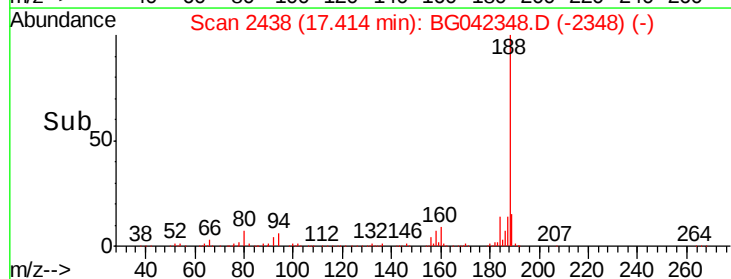


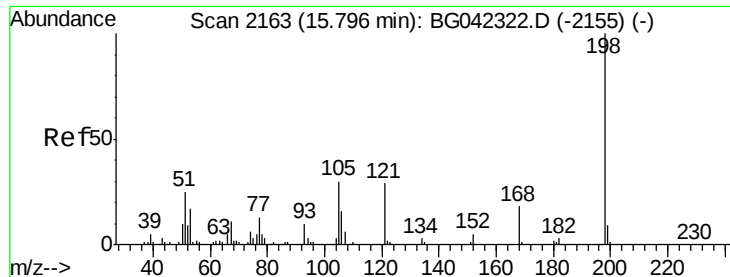
Abundance

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: 27.895 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

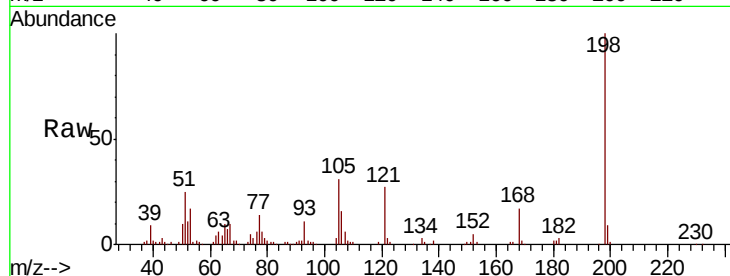
Tot Ion:198 Resp: 81599

Ion Ratio Lower Upper

198 100

51 24.5 6.4 46.4

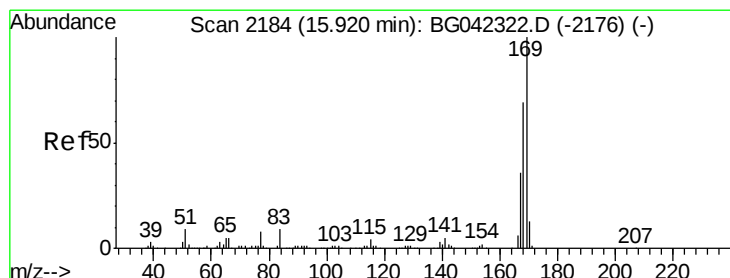
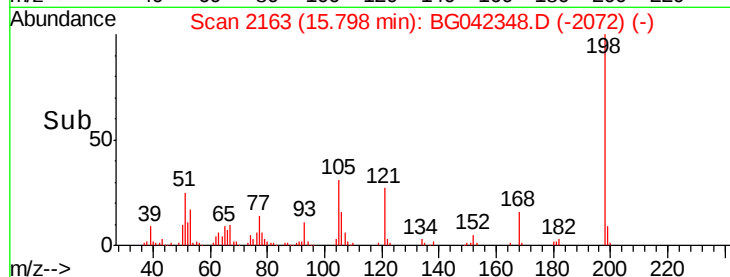
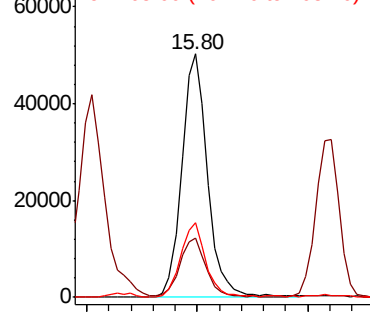
105 30.5 10.0 50.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.945 ng

RT: 15.92 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

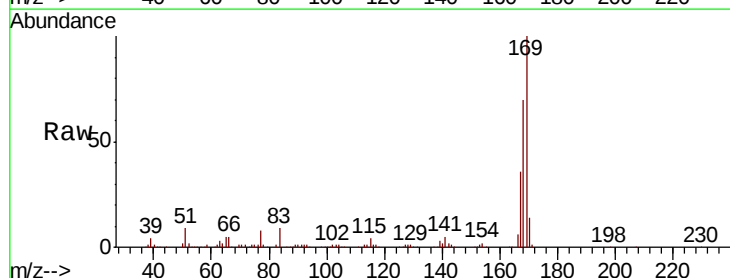
Tgt Ion:169 Resp: 562706

Ion Ratio Lower Upper

169 100

168 70.3 55.5 83.3

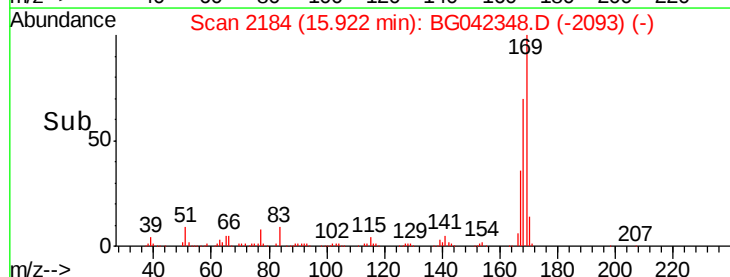
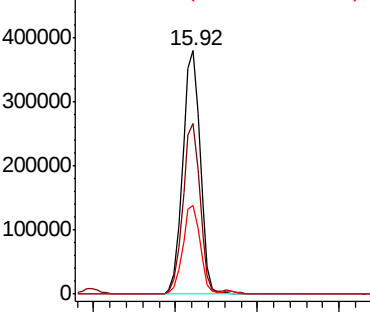
167 36.2 28.9 43.3

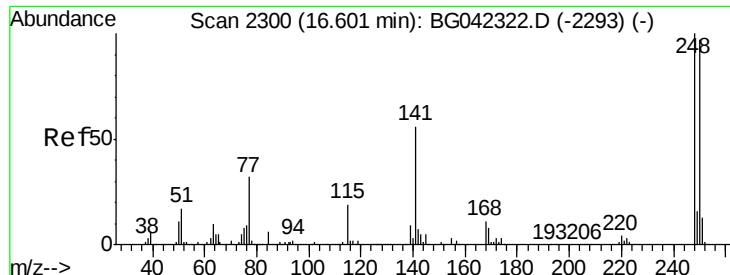


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

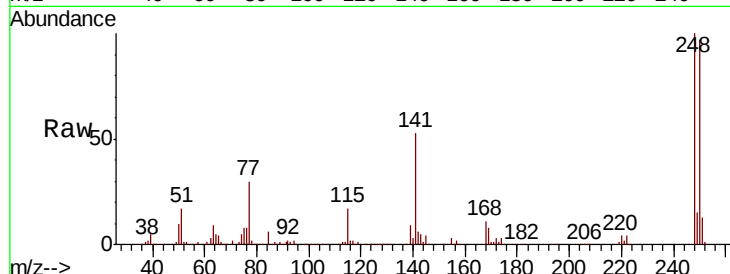




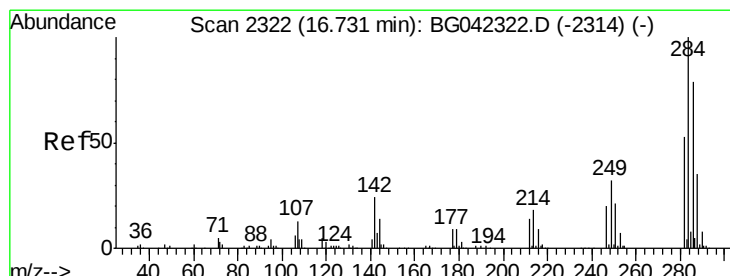
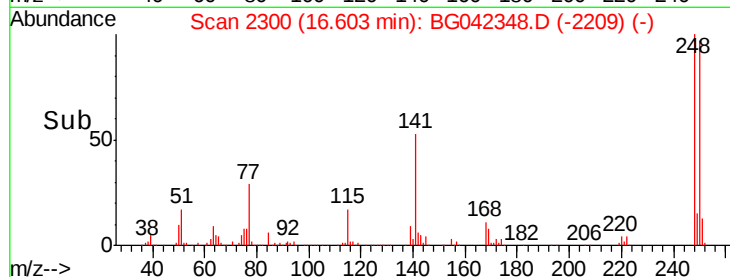
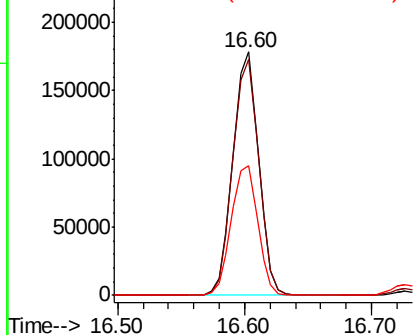
#67
 4-Bromophenyl-phenylether
 Concen: 41.031 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 250331
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.0 117.0
 141 53.4 44.9 67.3

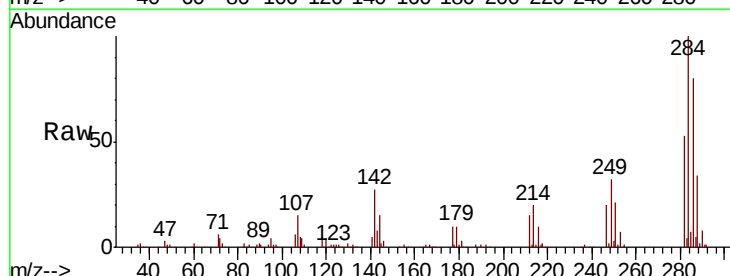


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

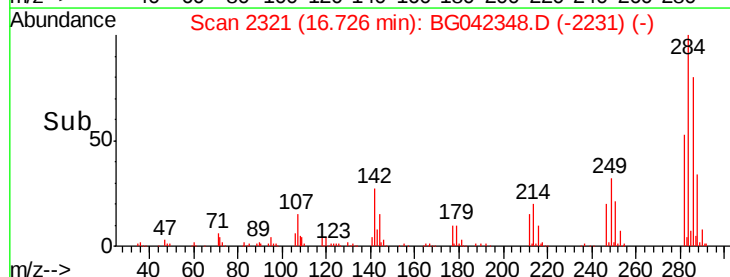
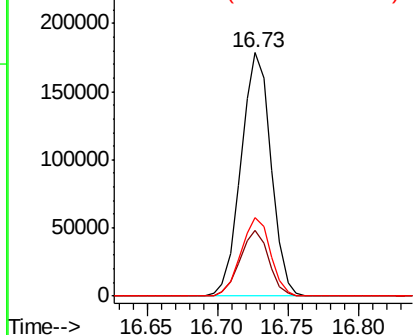


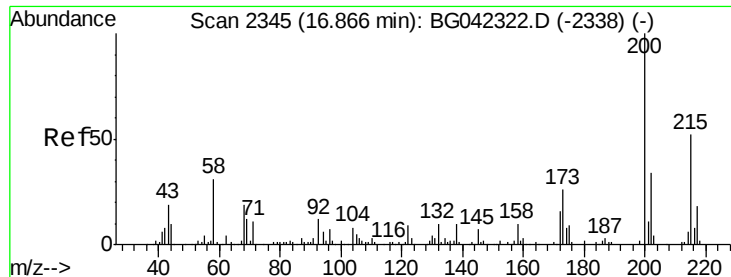
#68
 Hexachlorobenzene
 Concen: 40.568 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion:284 Resp: 265127
 Ion Ratio Lower Upper
 284 100
 142 26.9 19.0 28.4
 249 32.4 25.9 38.9



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: 32.630 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampled :

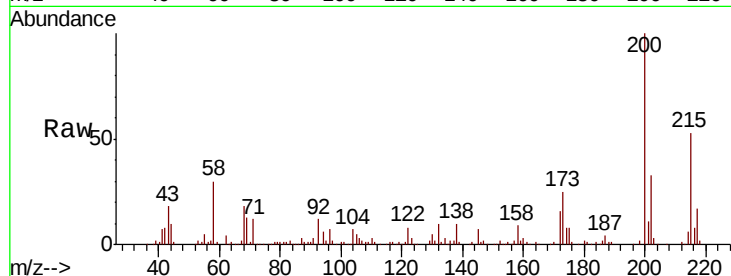
Tot Ion:200 Resp: 150042

Ion Ratio Lower Upper

200 100

173 25.3 6.0 46.0

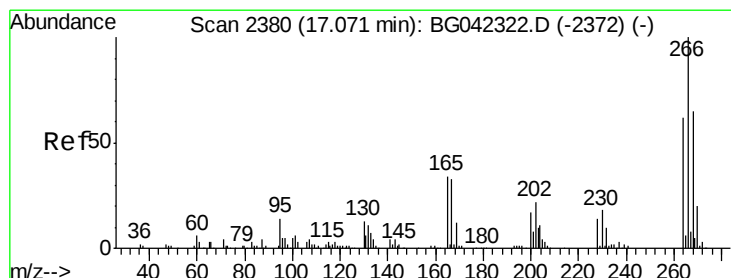
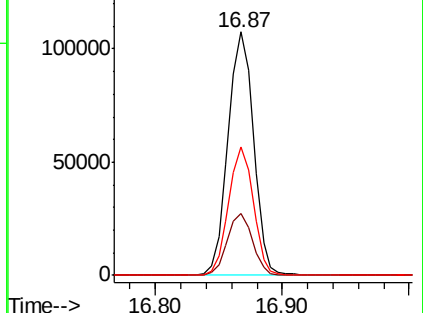
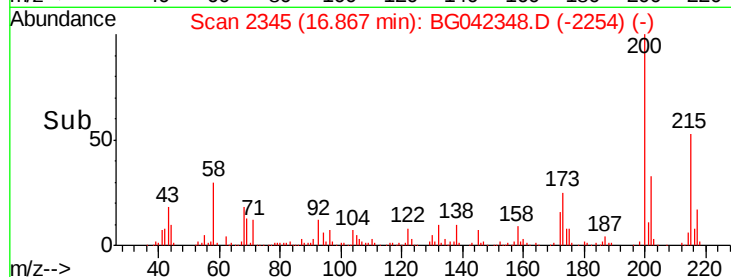
215 52.6 32.4 72.4



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: 37.000 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

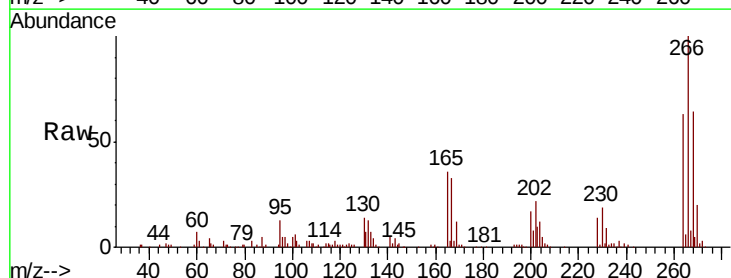
Tgt Ion:266 Resp: 128718

Ion Ratio Lower Upper

266 100

268 64.5 51.6 77.4

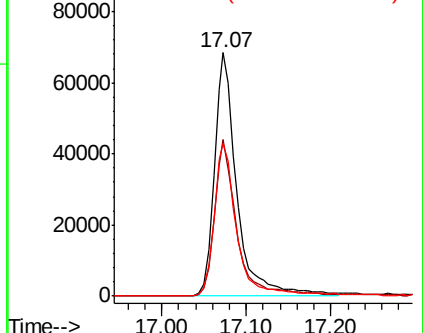
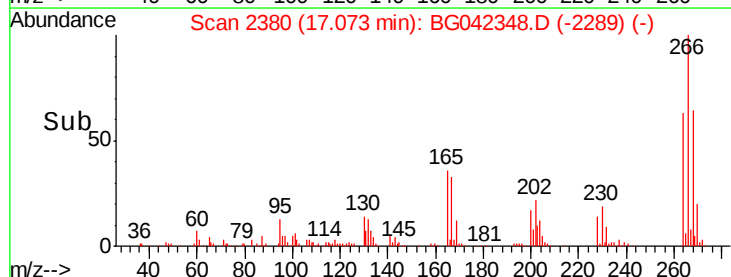
264 62.6 49.5 74.3

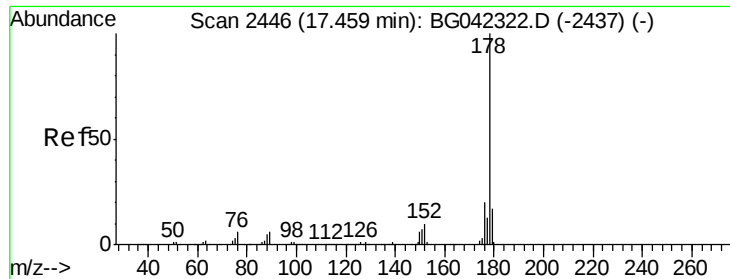


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

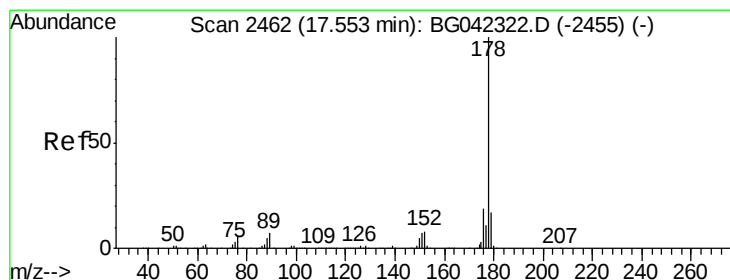
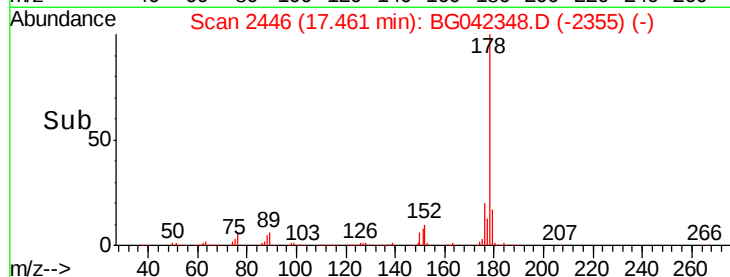
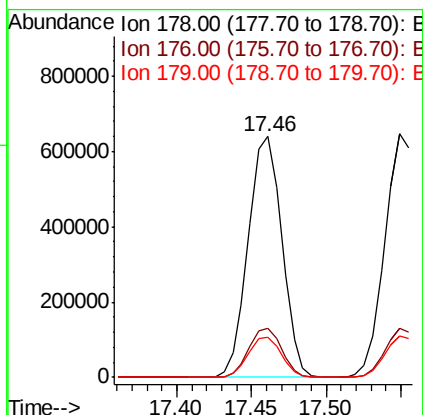
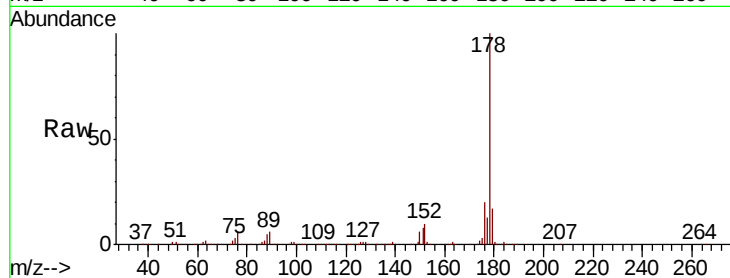




#71
Phenanthrene
Concen: 41.964 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

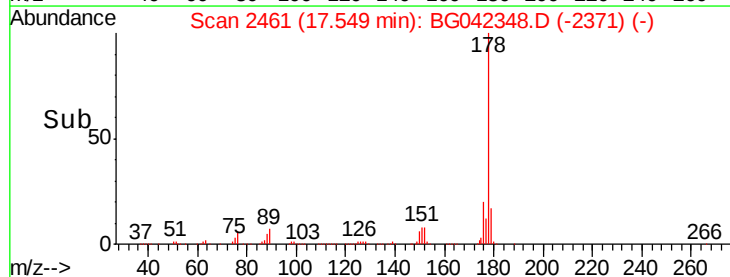
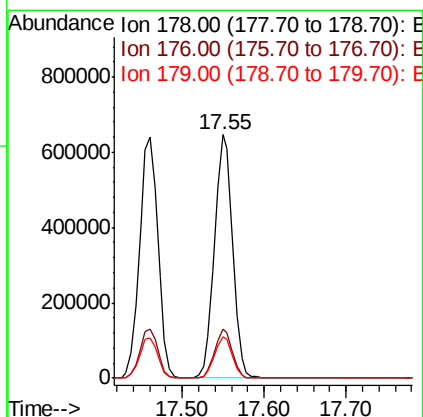
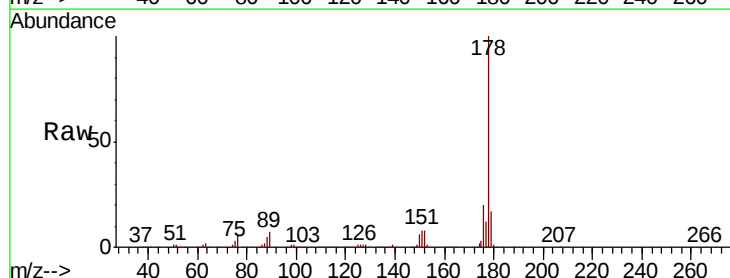
Instrument :
BNA_G
ClientSampleId :

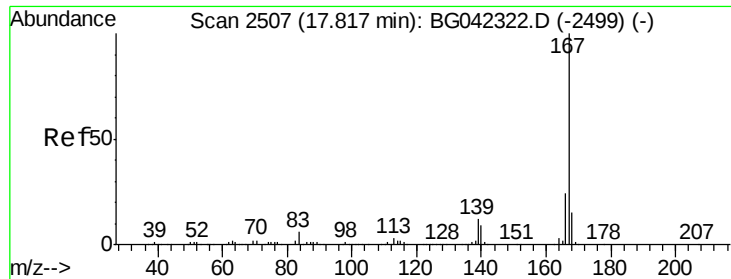
Tot Ion:178 Resp: 1001988
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.8 13.7 20.5



#72
Anthracene
Concen: 41.890 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion:178 Resp: 997549
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 17.2 13.6 20.4

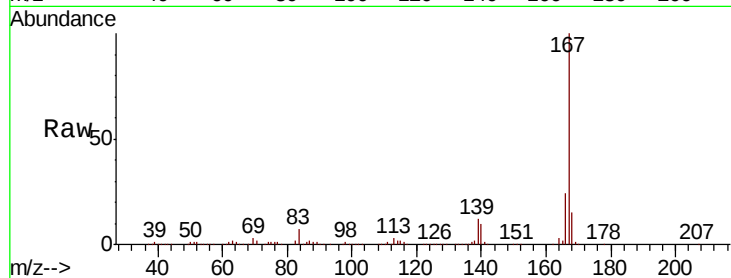




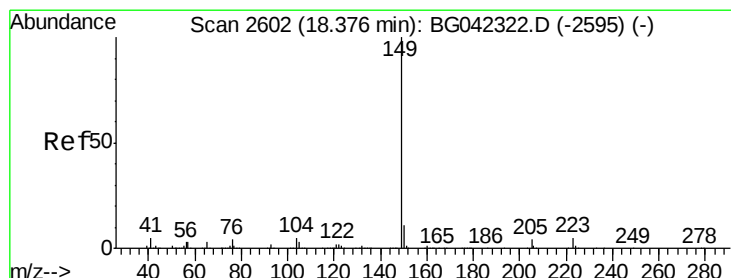
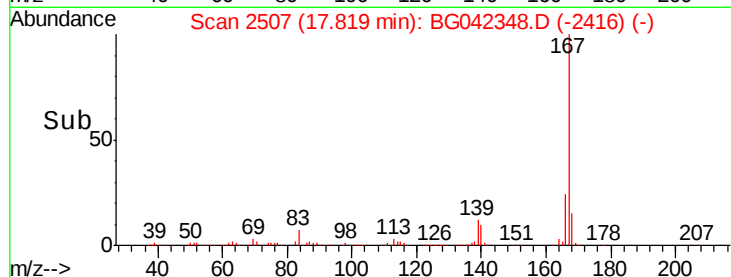
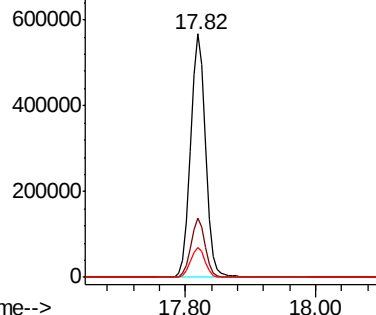
#73
 Carbazole
 Concen: 42.826 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.0	28.6
139	12.4	9.7	14.5

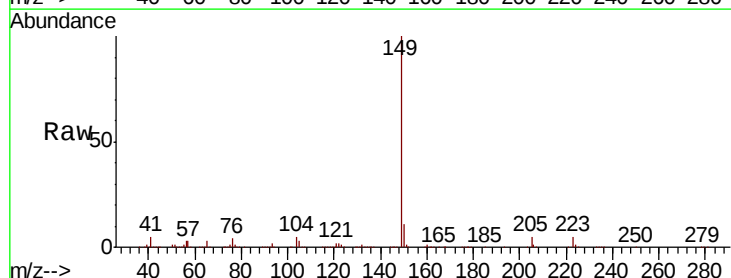


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

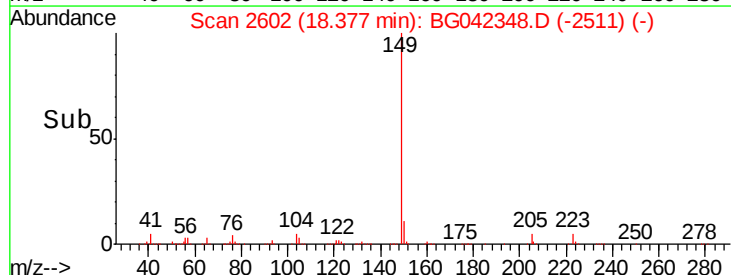
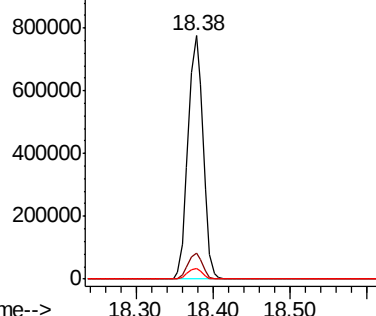


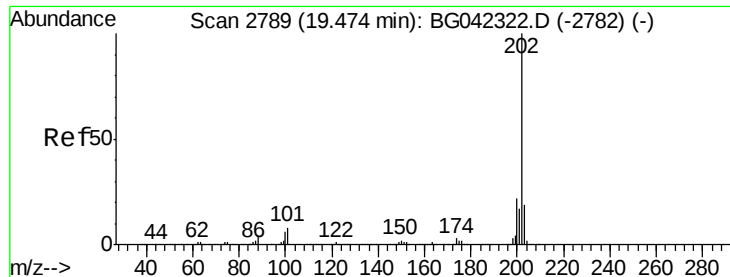
#74
 Di-n-butylphthalate
 Concen: 42.123 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.4	12.6
104	4.5	3.7	5.5



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





#75

Fluoranthene

Concen: 42.172 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampled :

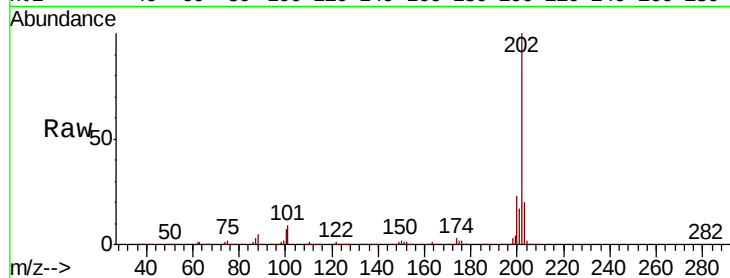
Tot Ion:202 Resp: 1214259

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.0

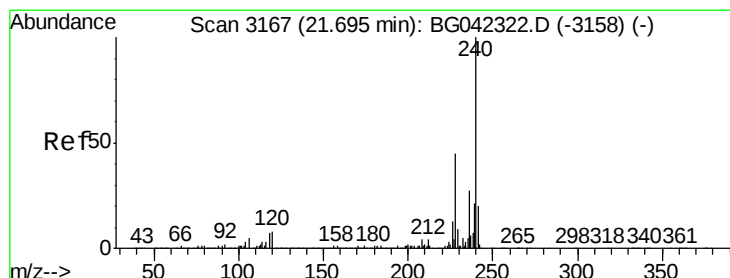
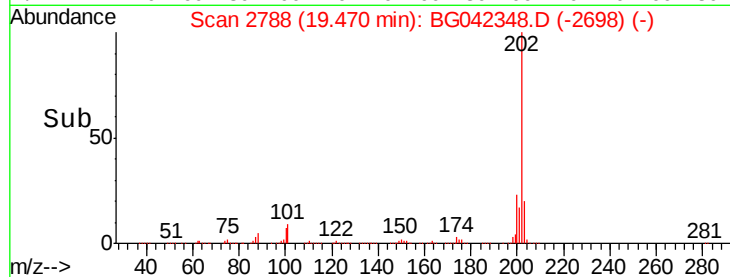
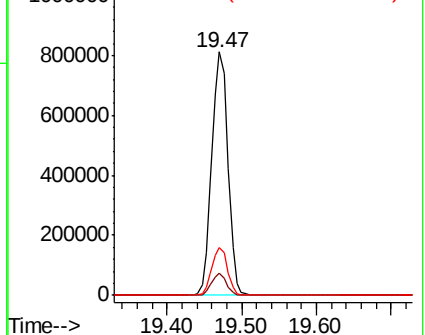
203 19.7 0.0 39.1



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: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

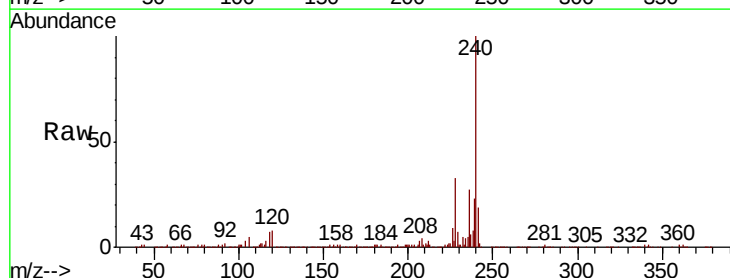
Tgt Ion:240 Resp: 468494

Ion Ratio Lower Upper

240 100

120 7.8 6.0 9.0

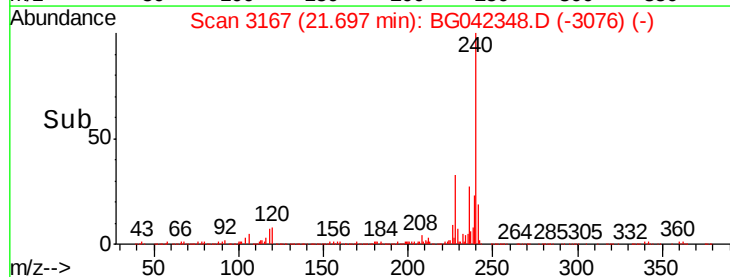
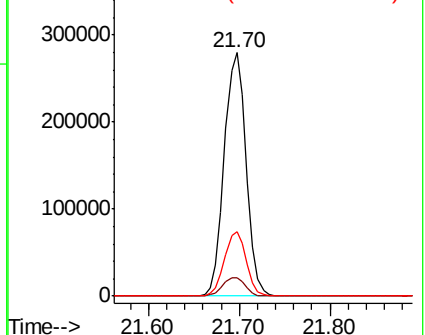
236 26.5 21.6 32.4

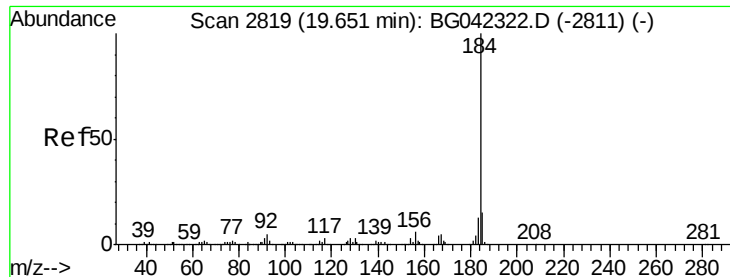


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.339 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

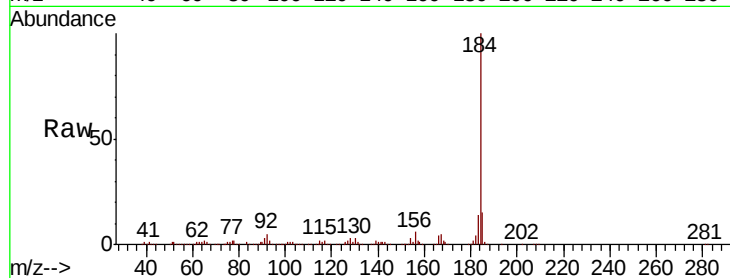
Tot Ion:184 Resp: 501072

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

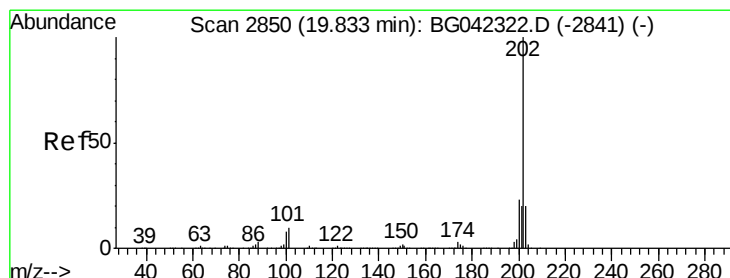
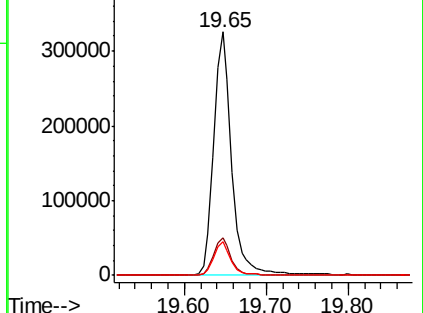
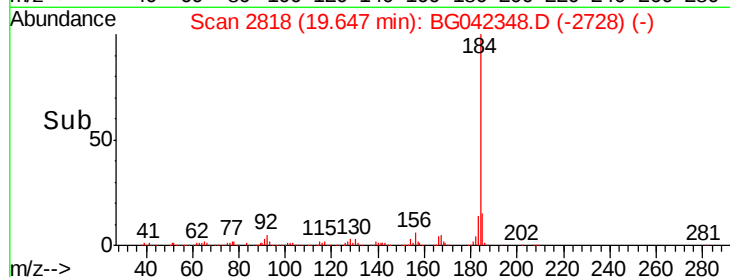
183 13.6 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.863 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

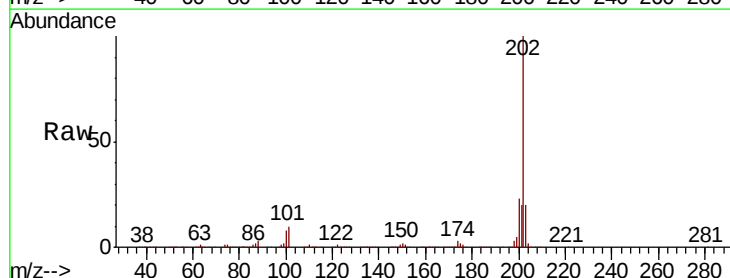
Tgt Ion:202 Resp: 1206807

Ion Ratio Lower Upper

202 100

200 23.2 18.1 27.1

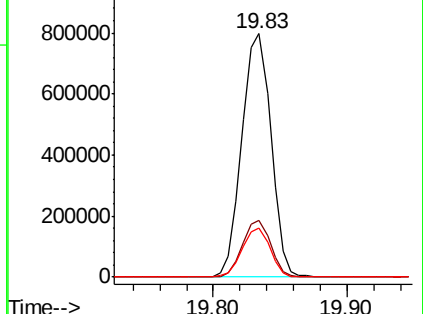
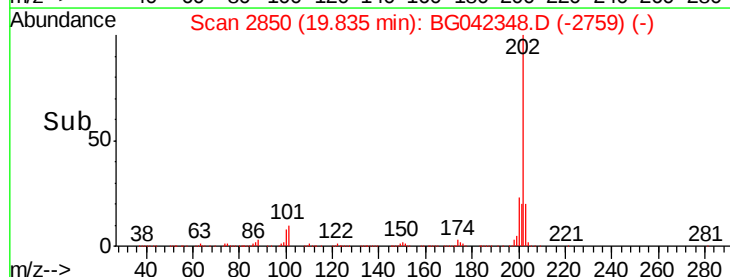
203 19.9 15.8 23.8

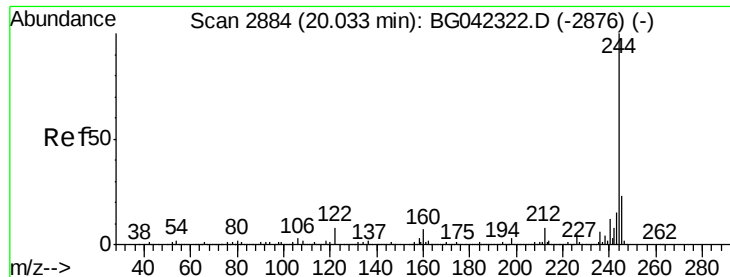


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.797 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

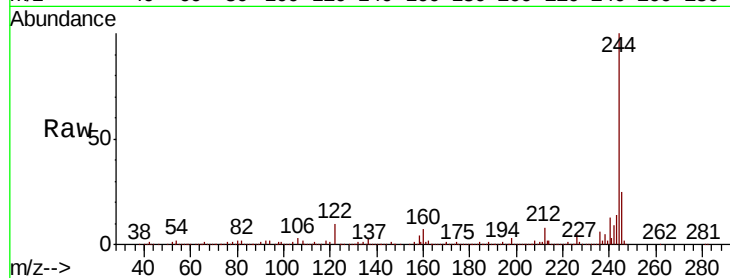
Tot Ion:244 Resp: 1706833

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

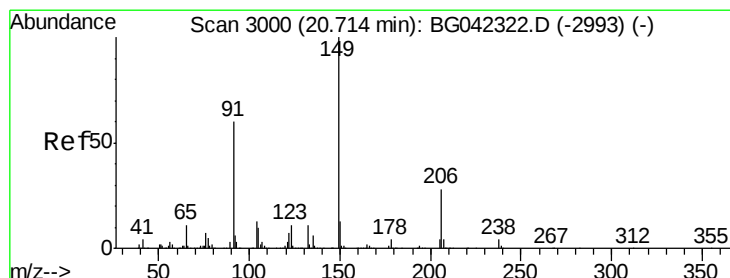
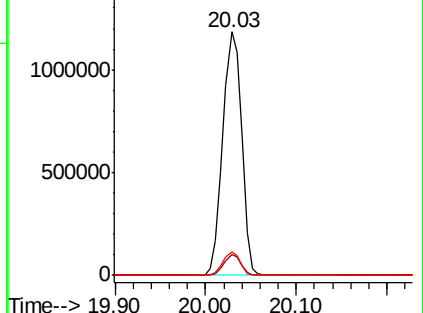
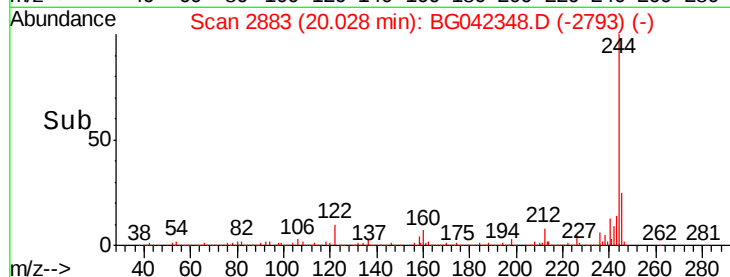
122 9.8 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.014 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

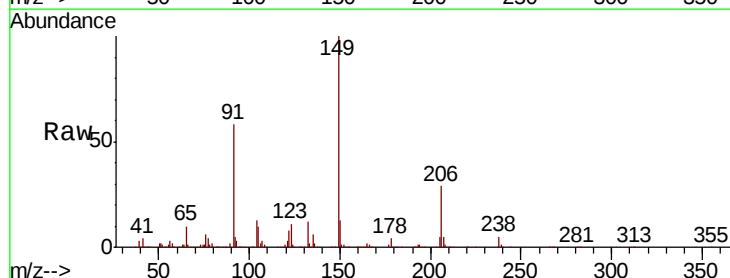
Tgt Ion:149 Resp: 480019

Ion Ratio Lower Upper

149 100

91 58.2 47.8 71.6

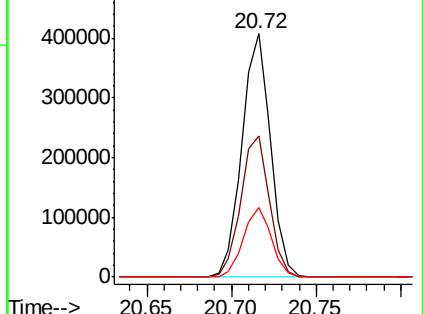
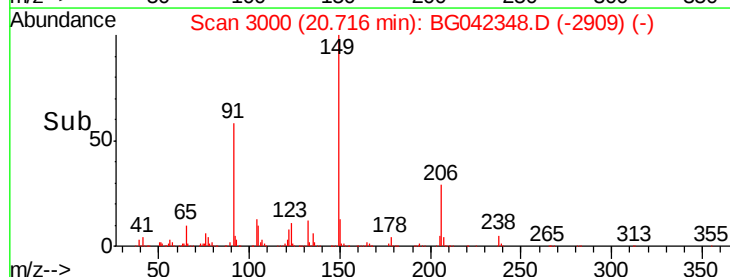
206 28.6 22.6 33.8

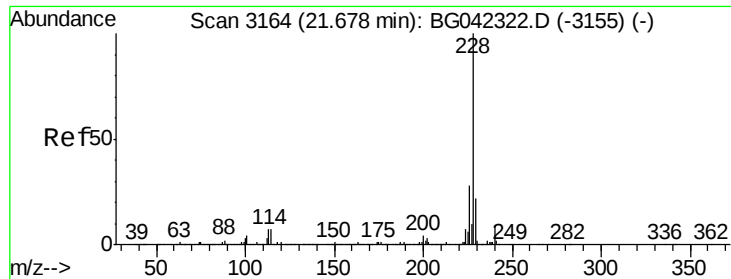


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.911 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampled :

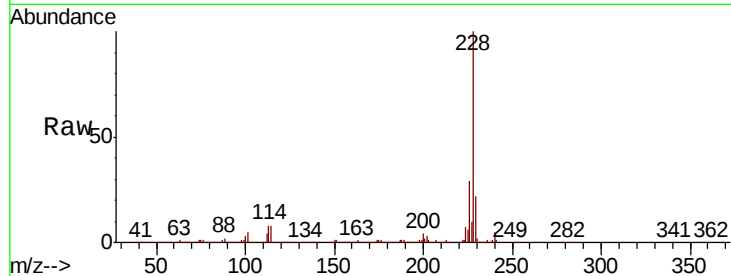
Tot Ion:228 Resp: 1205797

Ion Ratio Lower Upper

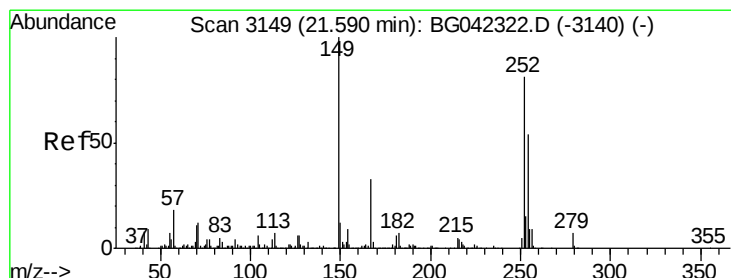
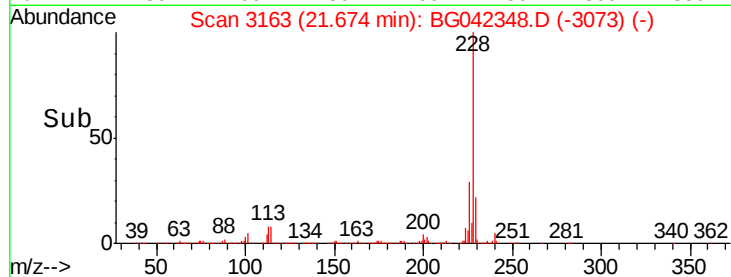
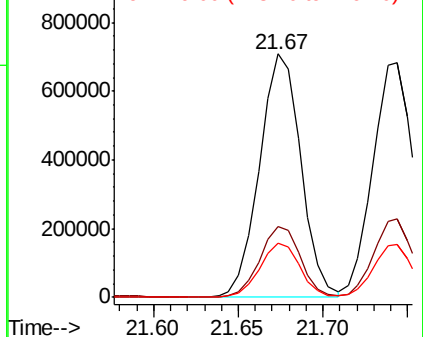
228 100

226 29.2 22.7 34.1

229 22.0 17.4 26.2



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



#82

3,3'-Dichlorobenzidine

Concen: 40.172 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

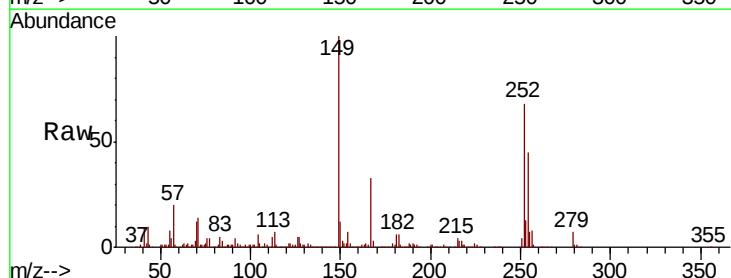
Tgt Ion:252 Resp: 460022

Ion Ratio Lower Upper

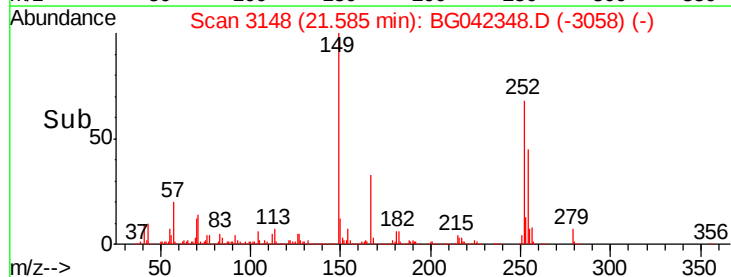
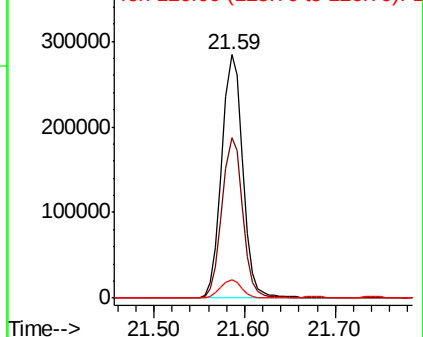
252 100

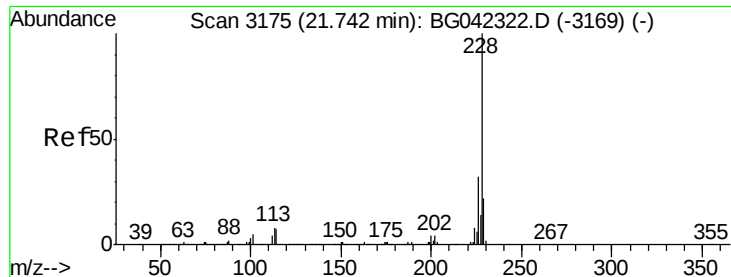
254 65.9 53.0 79.6

126 7.7 6.2 9.2



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





#83

Chrysene

Concen: 42.093 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

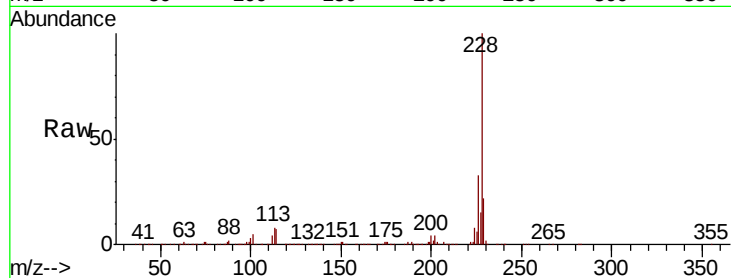
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1158491

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.6	38.4
229	22.3	17.8	26.6

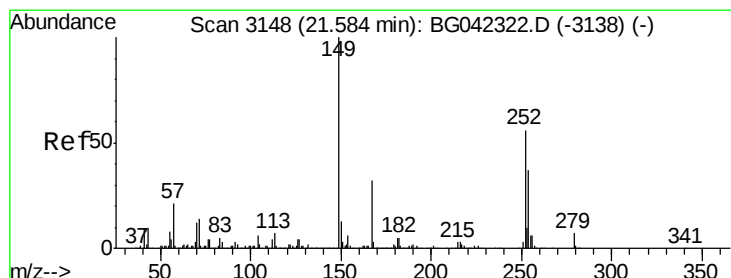
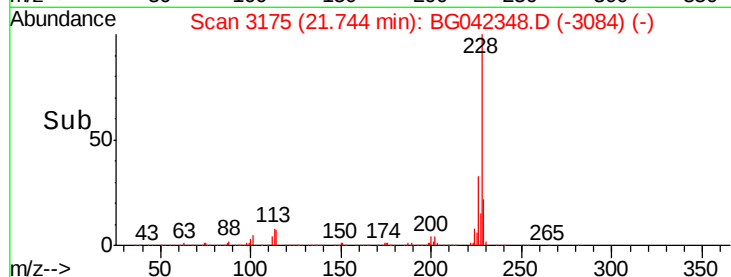
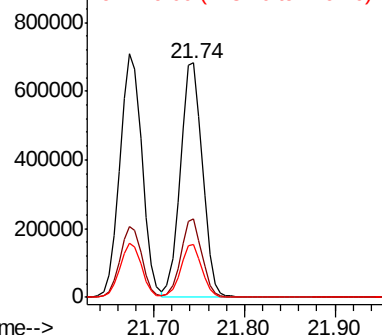


Abundance

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: 42.310 ng

RT: 21.58 min Scan# 3147

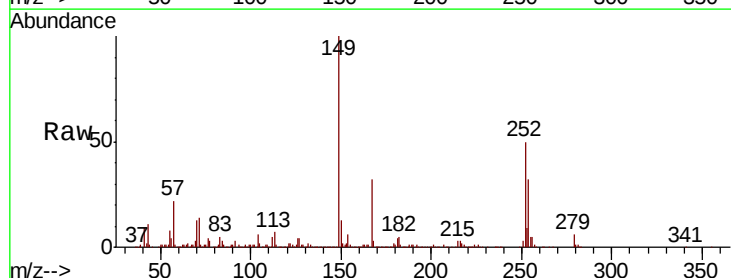
Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Tgt Ion:149 Resp: 674000

Ion	Ratio	Lower	Upper
149	100		
167	32.1	25.4	38.0
279	6.4	5.8	8.6

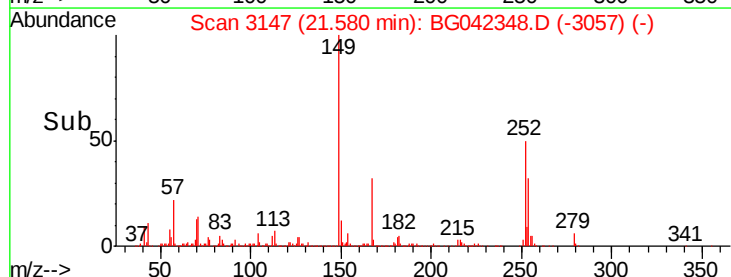
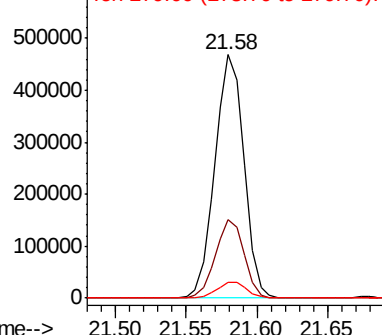


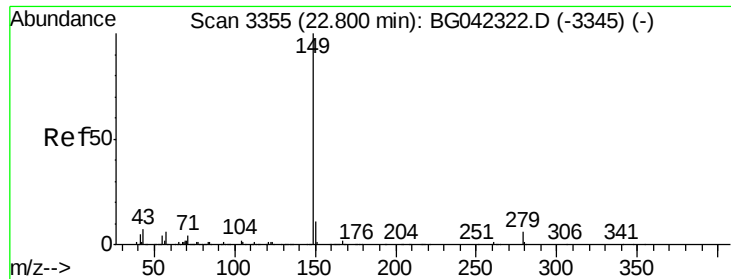
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.508 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

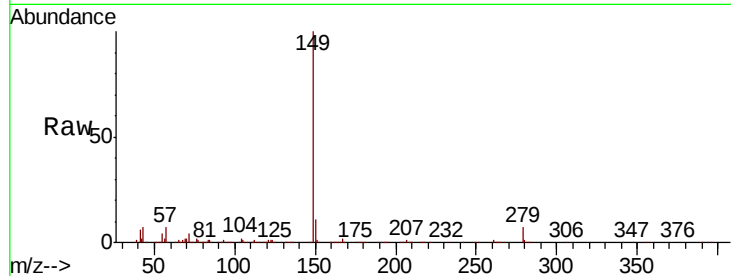
Tot Ion:149 Resp: 1155044

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

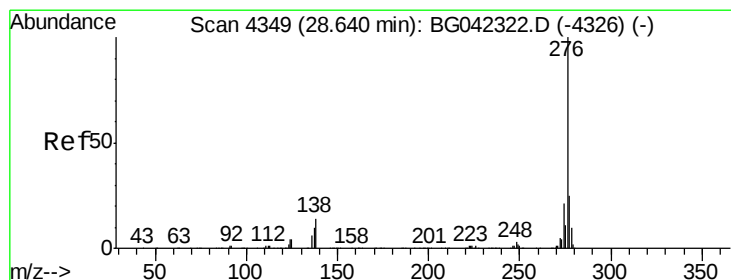
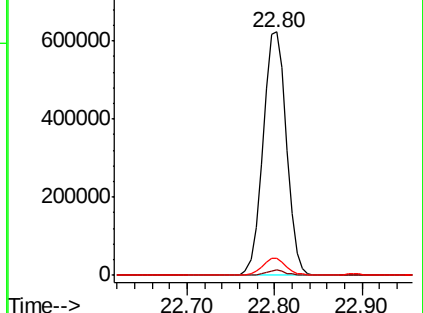
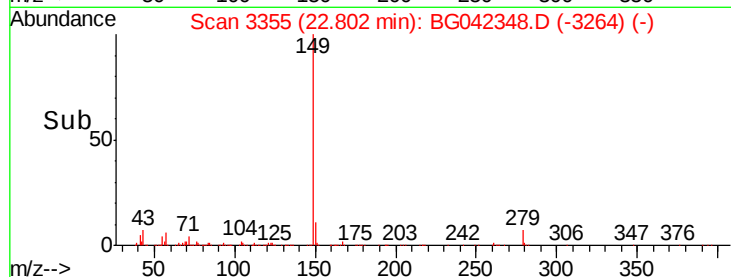
43 6.9 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.013 ng

RT: 28.64 min Scan# 4349

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

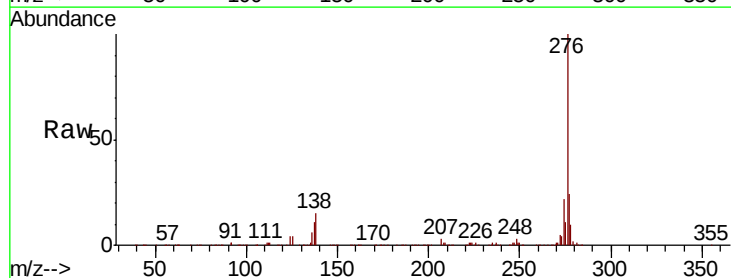
Tgt Ion:276 Resp: 1543896

Ion Ratio Lower Upper

276 100

138 18.7 14.5 21.7

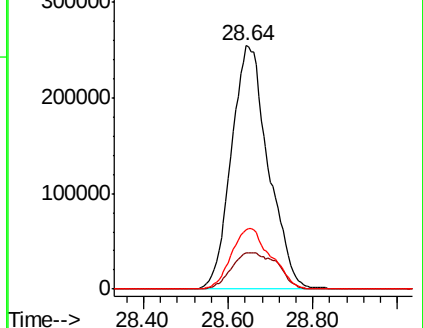
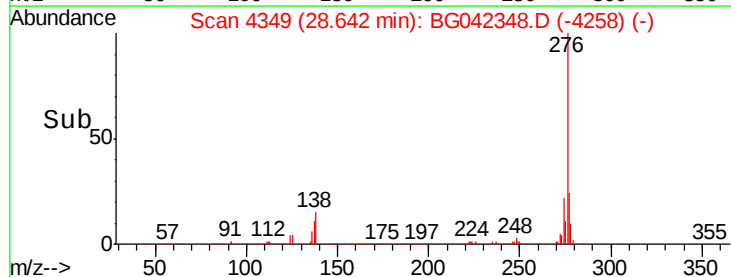
277 26.4 21.0 31.4

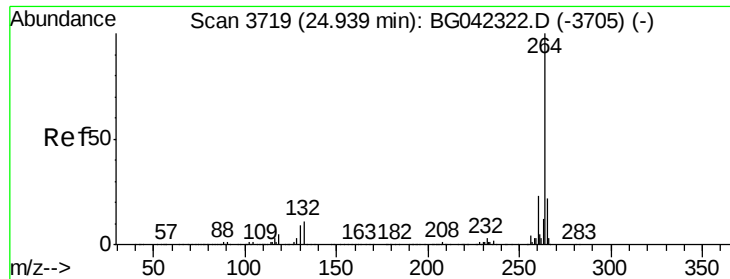


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

Instrument :

BNA_G

ClientSampleId :

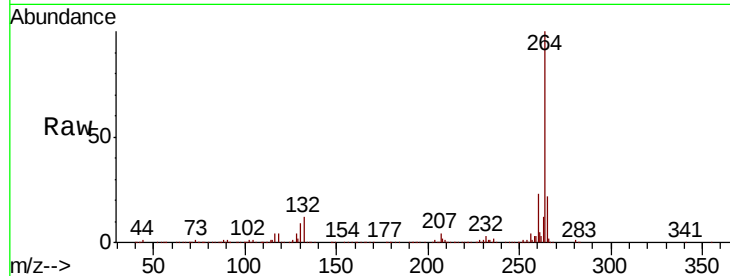
Tot Ion:264 Resp: 569969

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

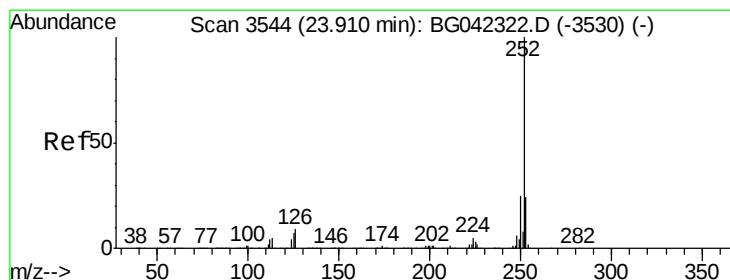
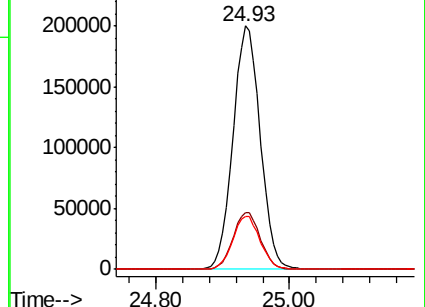
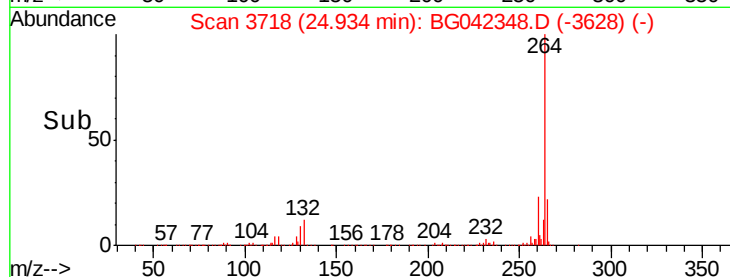
265 21.9 17.4 26.0



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: 41.620 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042348.D

Acq: 20 Aug 2019 6:07

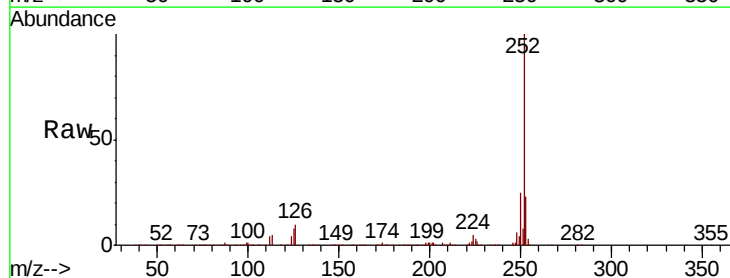
Tgt Ion:252 Resp: 1303893

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

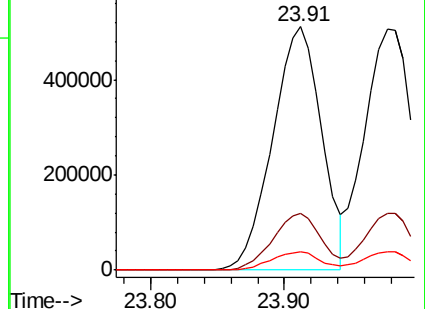
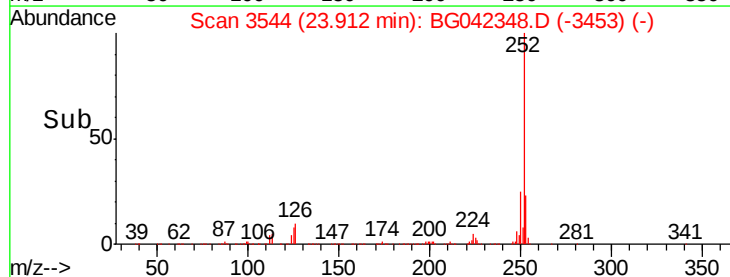
125 7.6 5.8 8.6

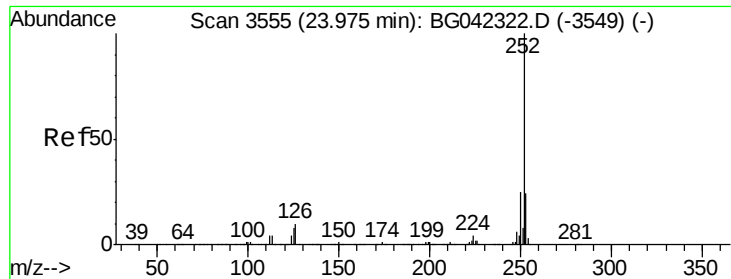


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

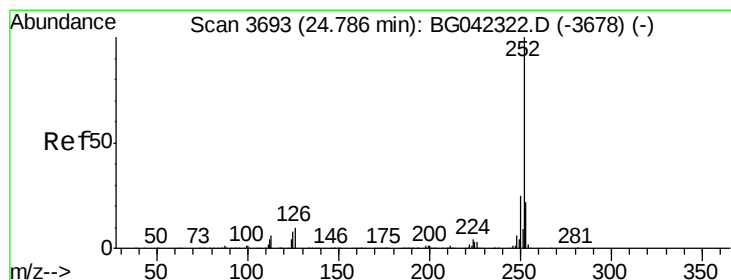
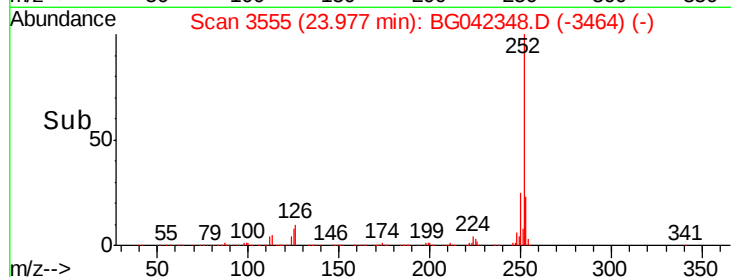
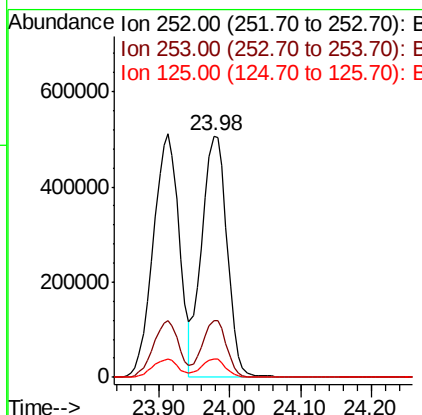
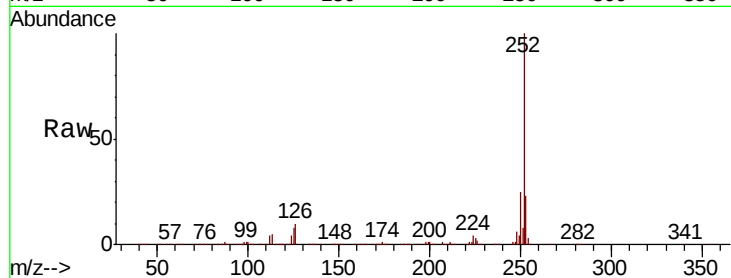




#89
Benzo(k)fluoranthene
Concen: 41.344 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

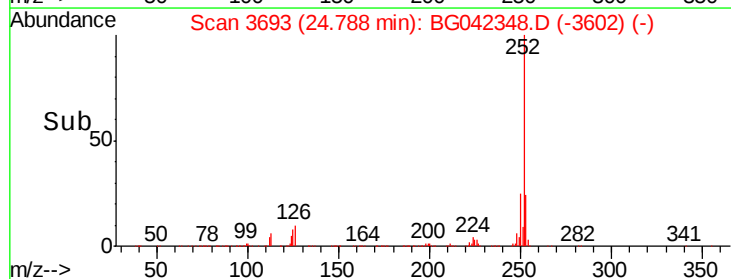
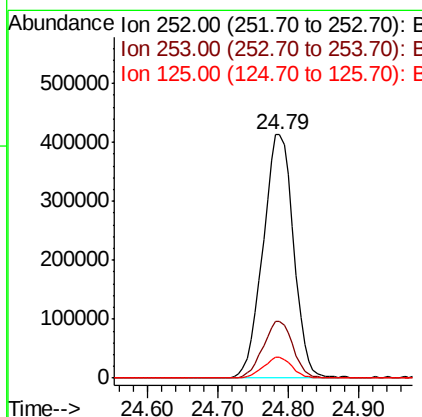
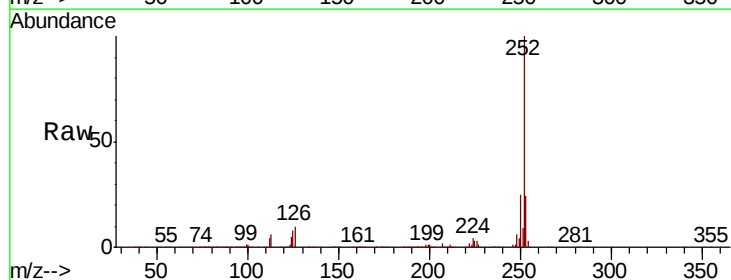
Instrument :
BNA_G
ClientSampleId :

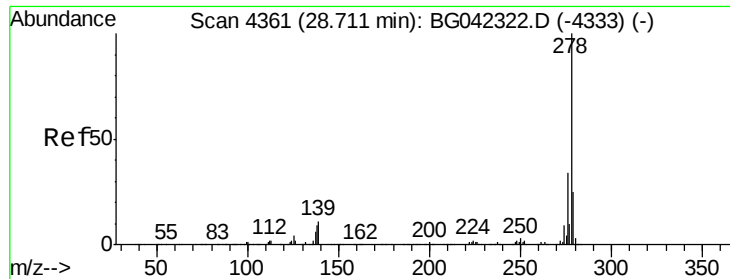
Tot Ion:252 Resp: 1266125
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.4
125 7.8 6.0 9.0



#90
Benzo(a)pyrene
Concen: 41.558 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion:252 Resp: 1247542
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 8.4 6.7 10.1

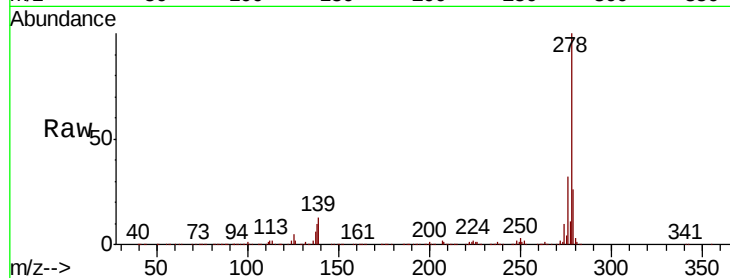




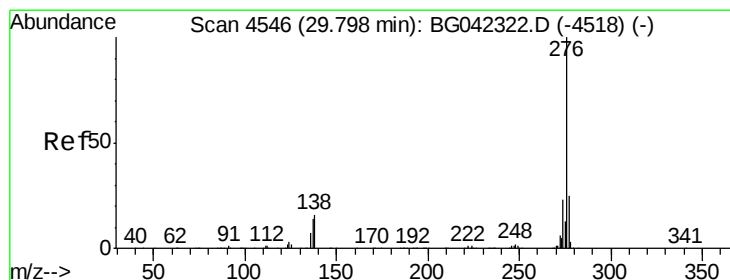
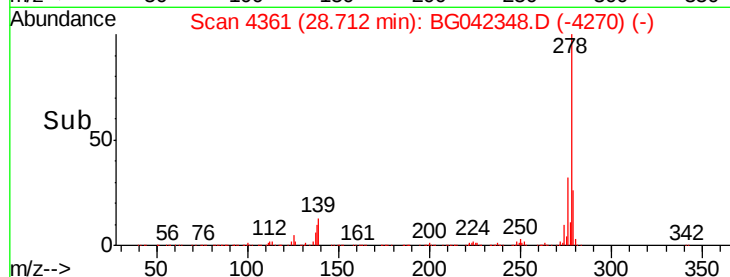
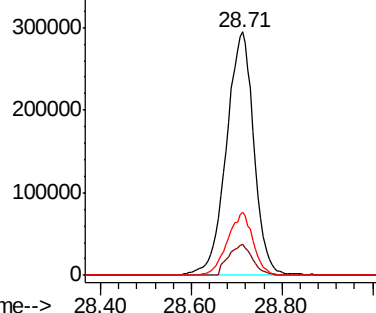
#91
Dibenzo(a,h)anthracene
Concen: 41.410 ng
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1240146
Ion Ratio Lower Upper
278 100
139 12.7 8.5 12.7
279 25.7 19.8 29.8

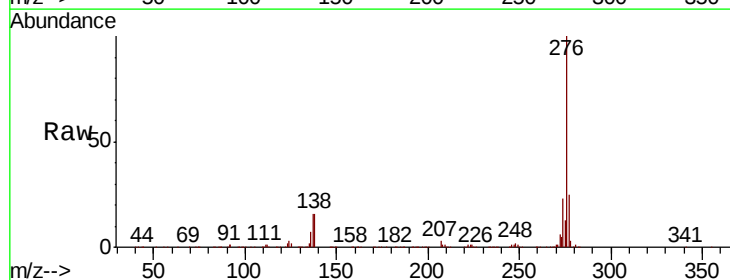


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.001 ng
RT: 29.80 min Scan# 4546
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion:276 Resp: 1253429
Ion Ratio Lower Upper
276 100
277 25.0 19.8 29.8
138 16.2 12.8 19.2



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

