

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042348.D
 Acq On : 20 Aug 2019 6:07
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

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

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

						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

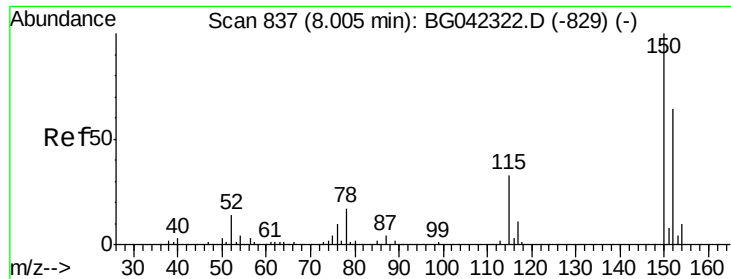
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
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 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

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

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

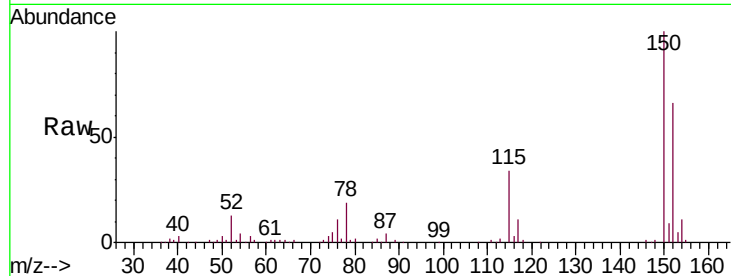


#1

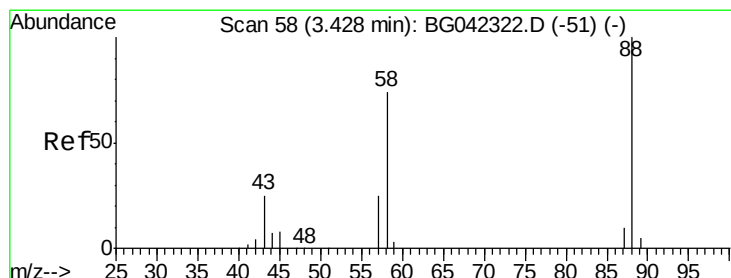
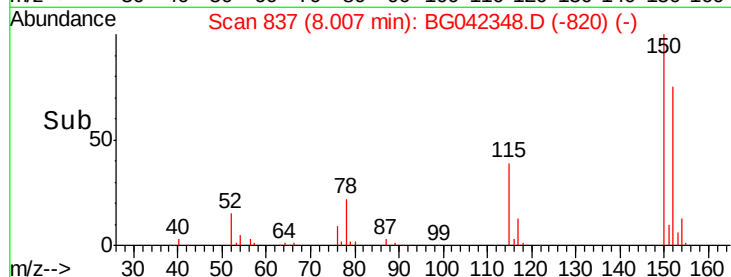
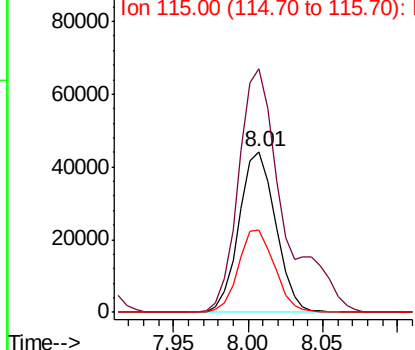
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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



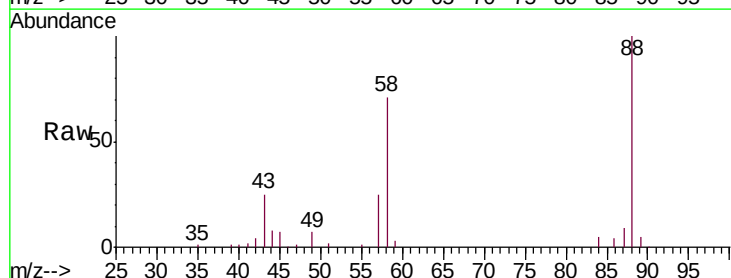
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



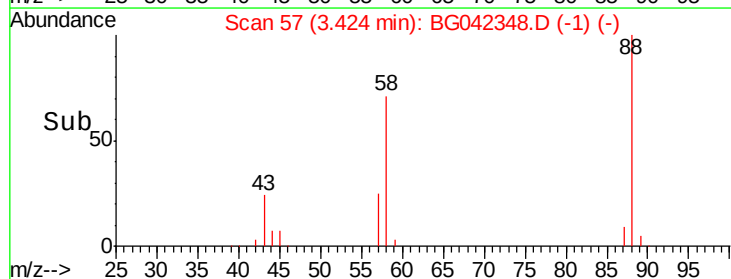
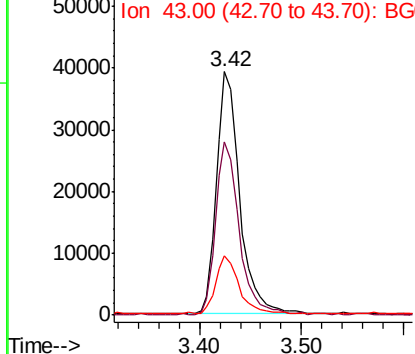
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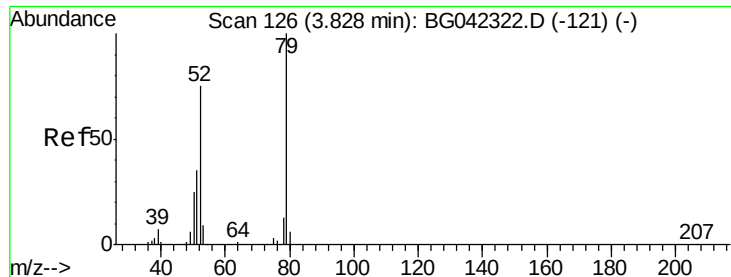
1,4-Dioxane
Concen: 38.933 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

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 :

SSTDCCC040

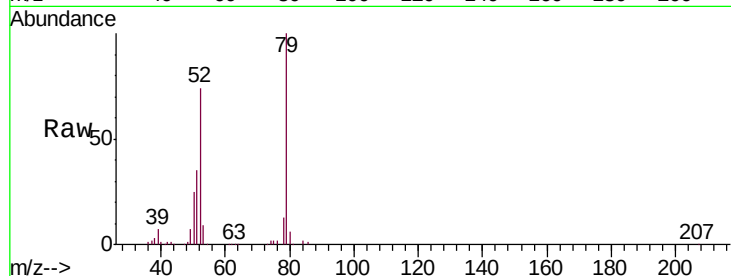
Tot Ion: 79 Resp: 166122

Ion Ratio Lower Upper

79 100

52 73.6 60.0 90.0

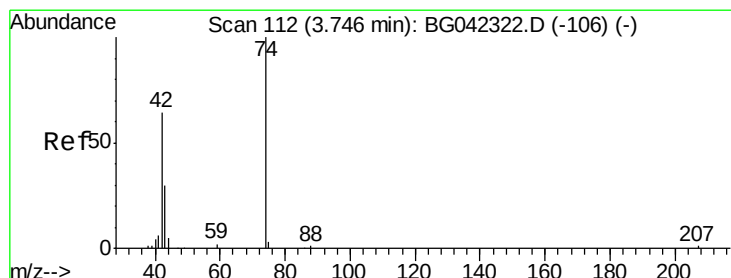
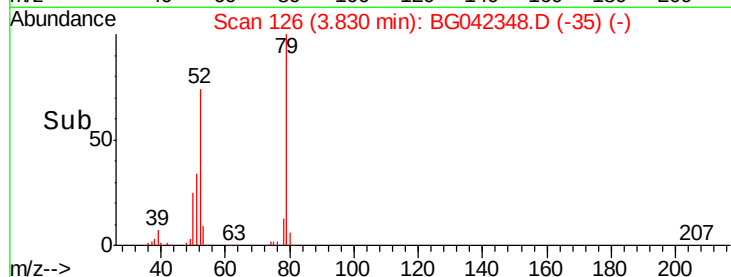
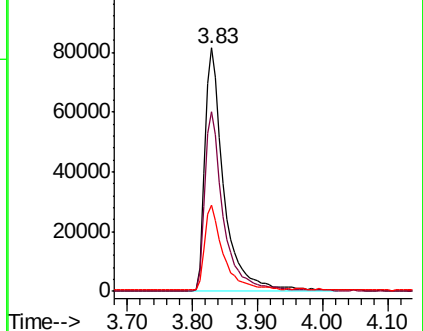
51 35.3 28.6 42.8



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

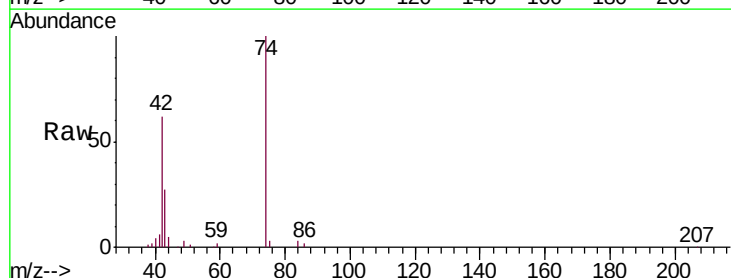
Tgt Ion: 42 Resp: 57859

Ion Ratio Lower Upper

42 100

74 161.7 124.2 186.2

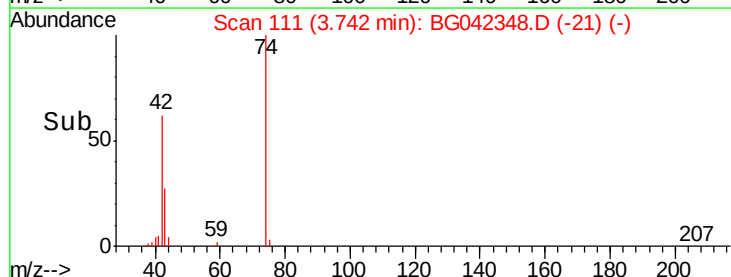
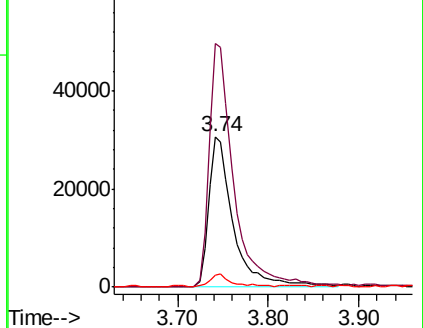
44 7.9 6.5 9.7

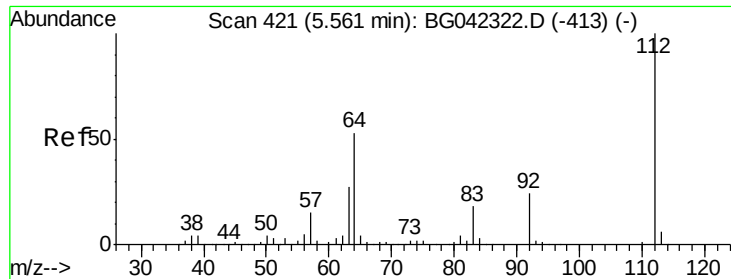


Abundance Ion 42.00 (41.70 to 42.70): BGC

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 :

SSTDCCC040

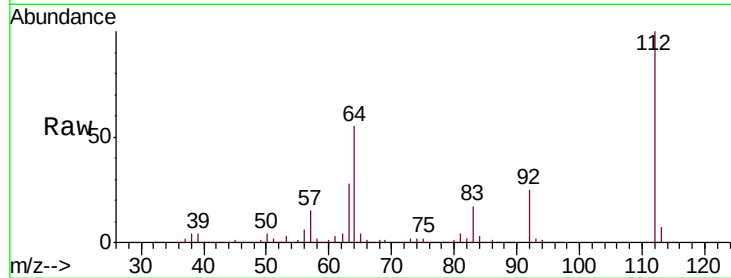
Tot Ion:112 Resp: 312573

Ion Ratio Lower Upper

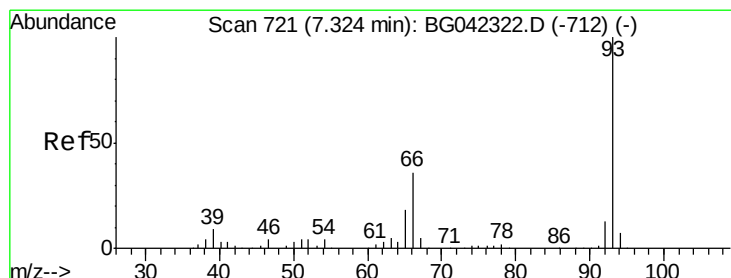
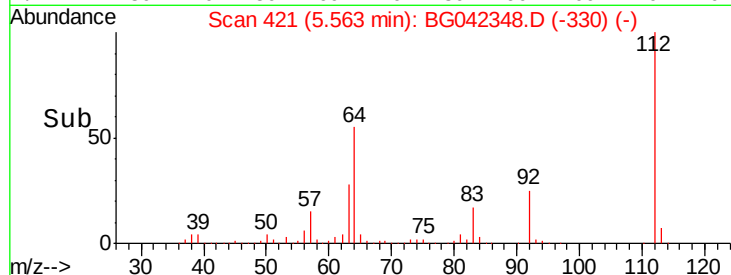
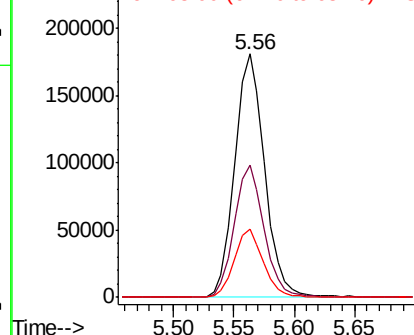
112 100

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

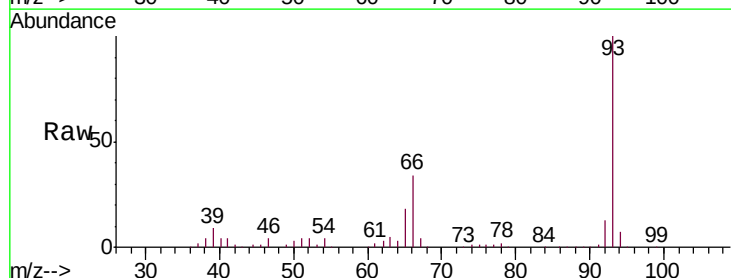
Tgt Ion: 93 Resp: 259165

Ion Ratio Lower Upper

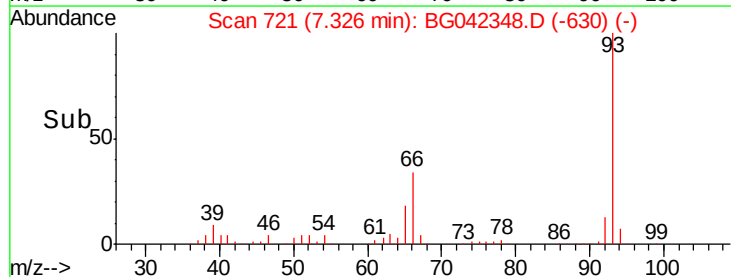
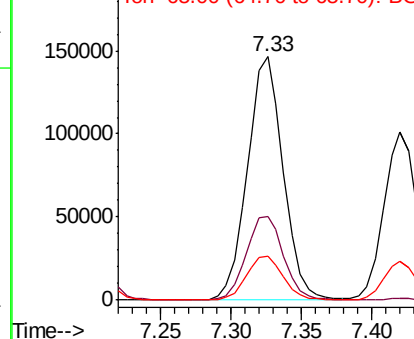
93 100

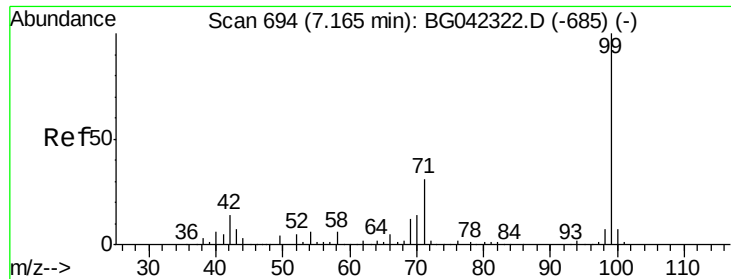
66 34.5 29.1 43.7

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 :

SSTDCCC040

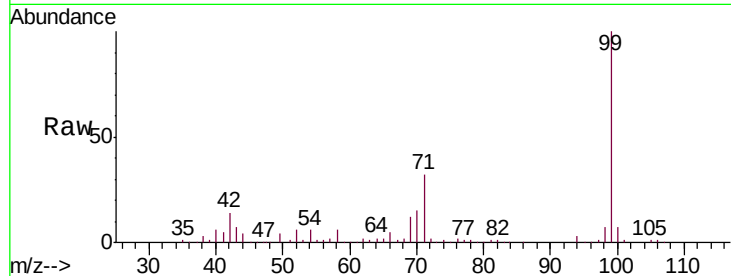
Tot Ion: 99 Resp: 428162

Ion Ratio Lower Upper

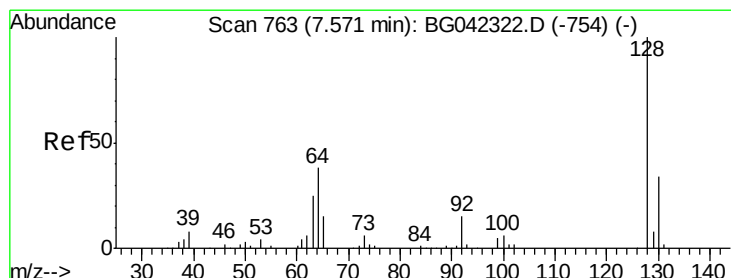
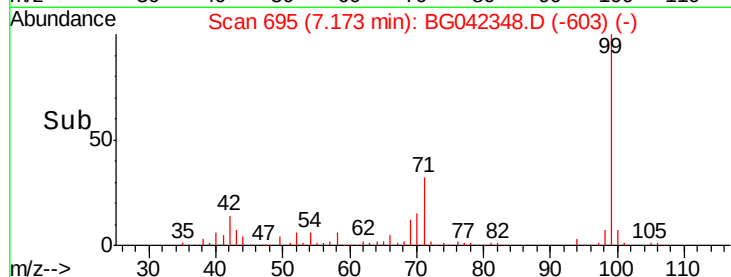
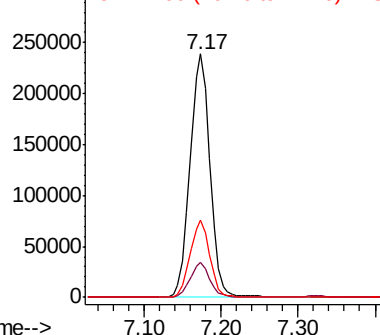
99 100

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

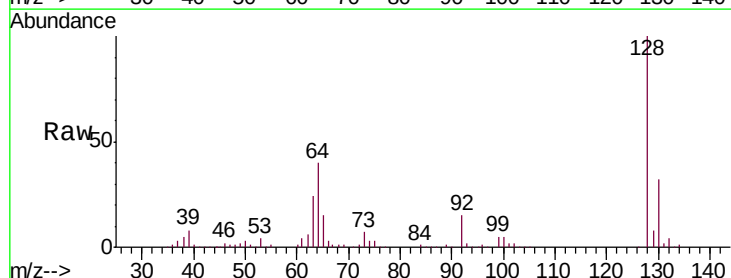
Tgt Ion: 128 Resp: 189239

Ion Ratio Lower Upper

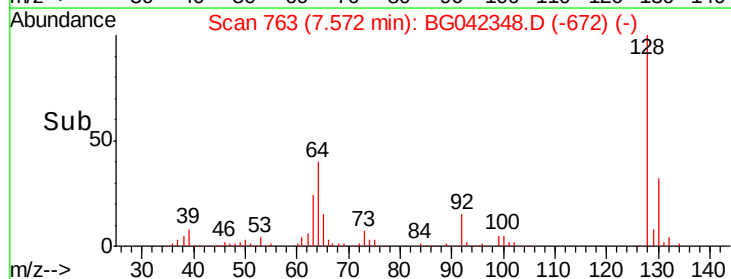
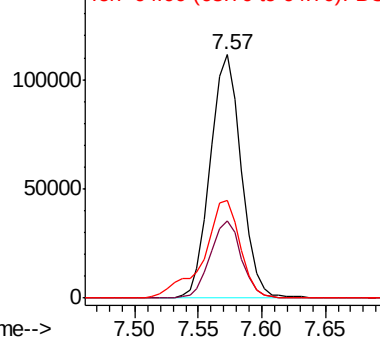
128 100

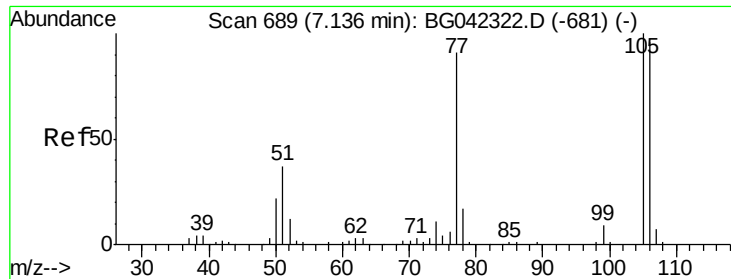
130 31.7 13.5 53.5

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

ClientSampleId :

SSTDCCC040

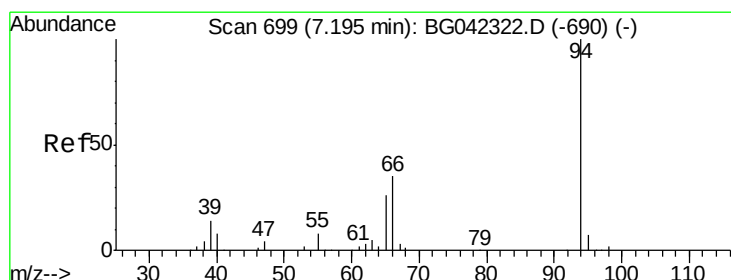
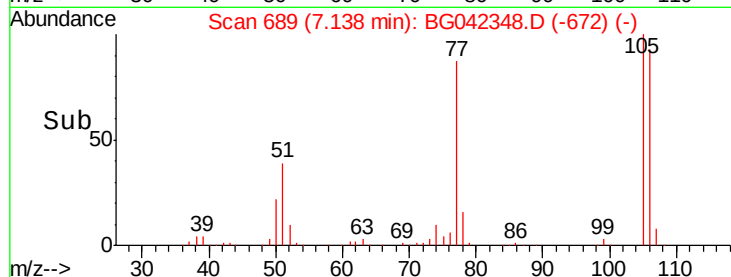
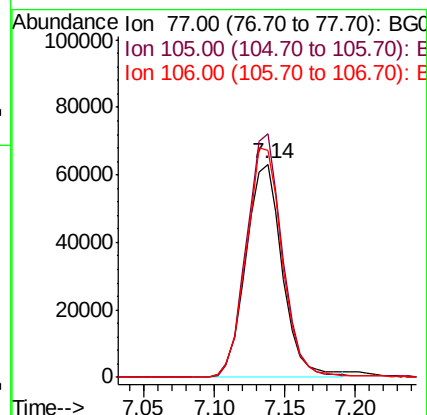
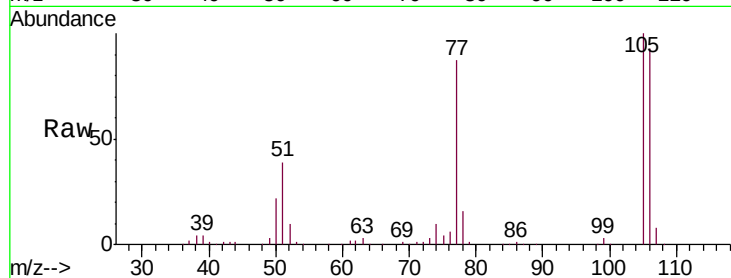
Tot Ion: 77 Resp: 114603

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

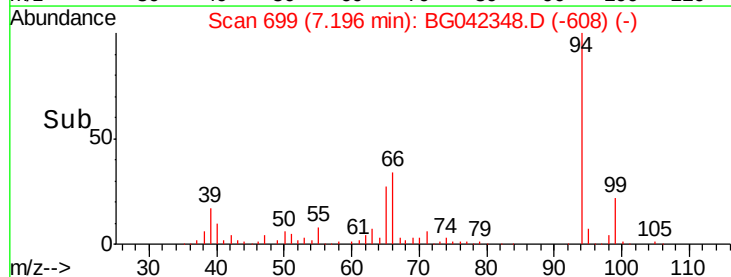
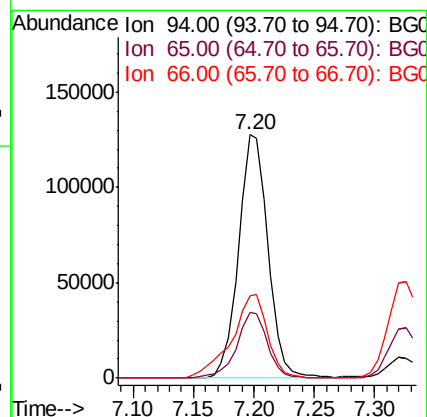
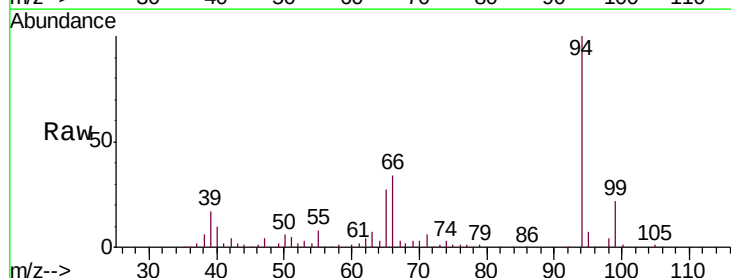
Tgt Ion: 94 Resp: 217385

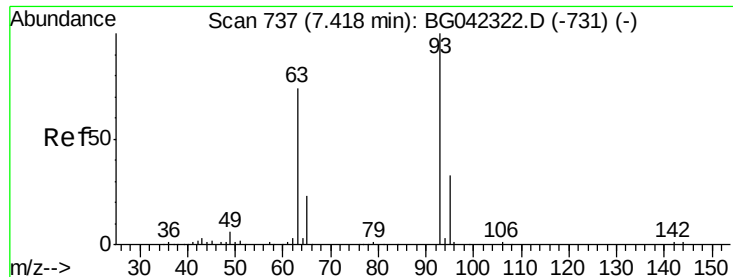
Ion Ratio Lower Upper

94 100

65 27.1 6.1 46.1

66 34.0 15.7 55.7

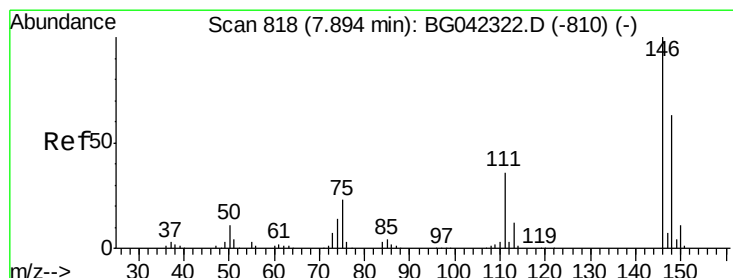
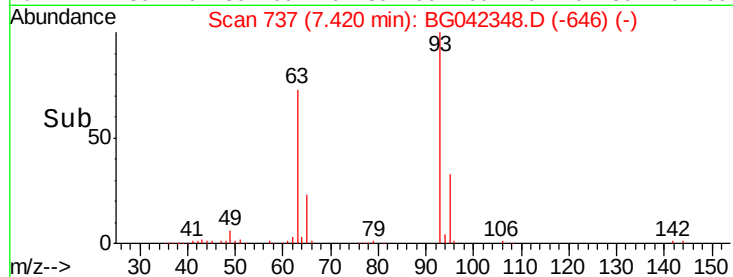
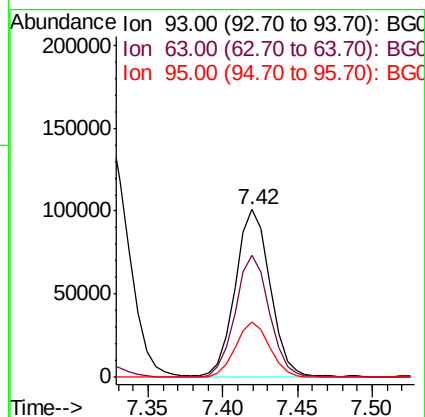
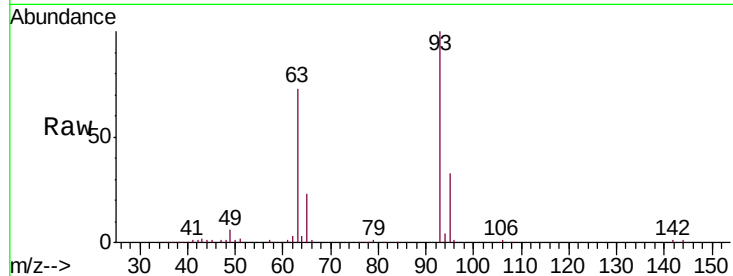




#11
 bis(2-Chloroethyl)ether
 Concen: 40.393 ng
 RT: 7.42 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

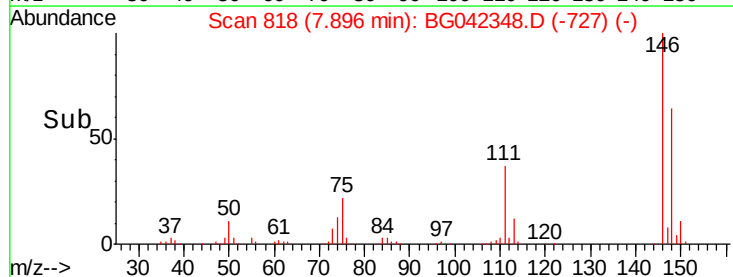
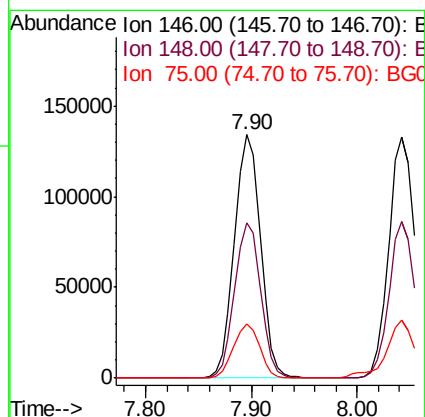
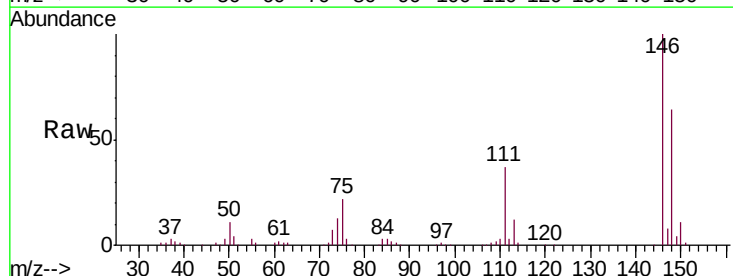
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

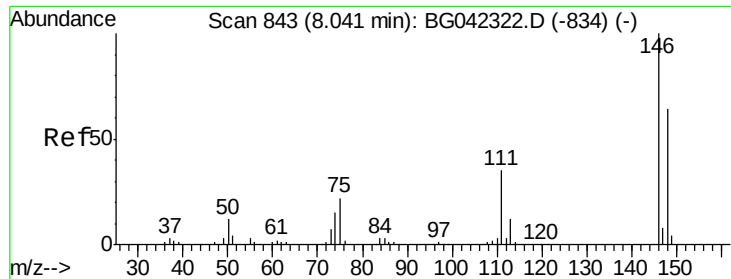
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	53.0	93.0
95	33.1	13.0	53.0



#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	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.2
75	22.1	18.2	27.4

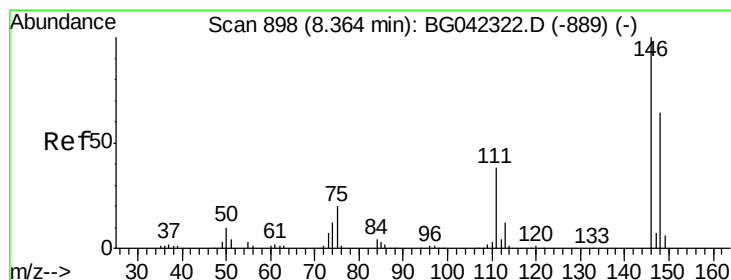
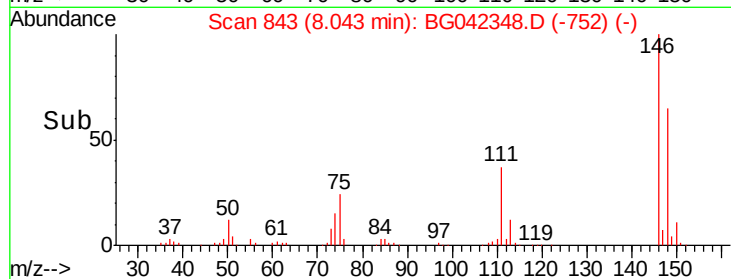
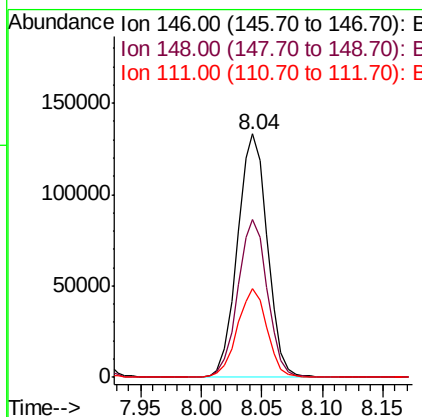
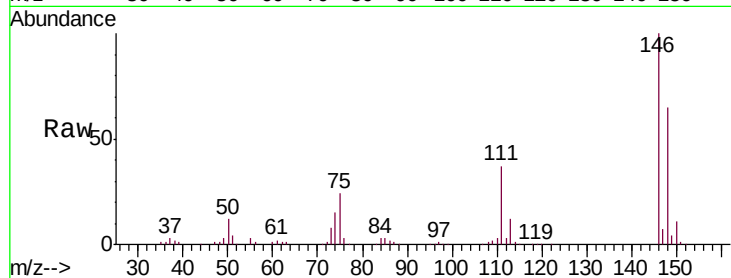




#13
 1,4-Dichlorobenzene
 Concen: 39.913 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

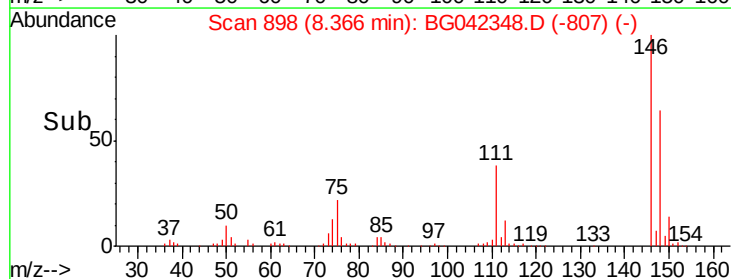
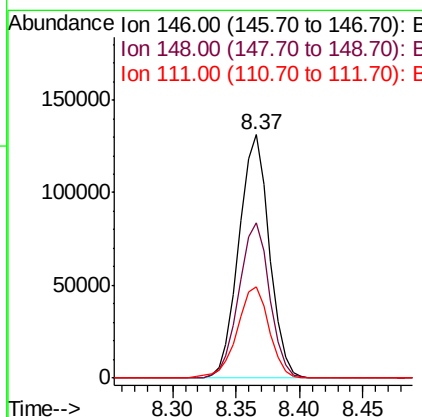
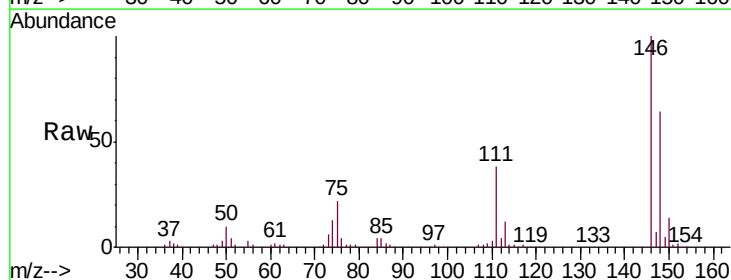
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

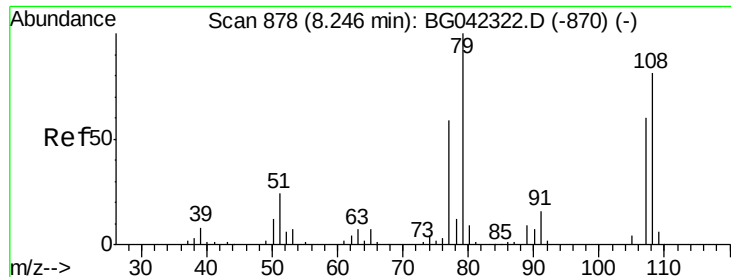
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.9	76.3
111	36.5	28.3	42.5



#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	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
111	37.7	30.6	46.0





#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

ClientSampleId :

SSTDCCC040

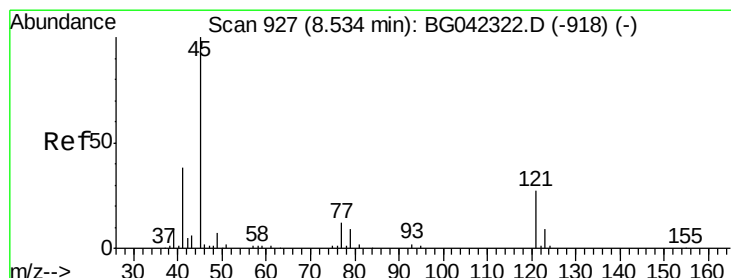
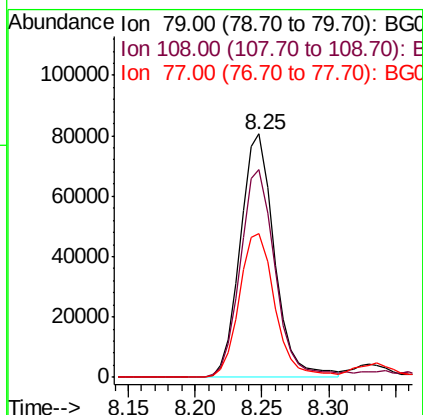
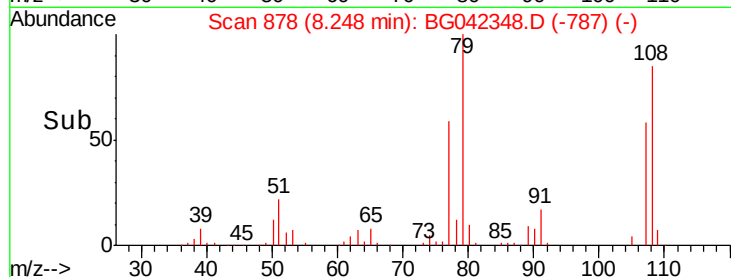
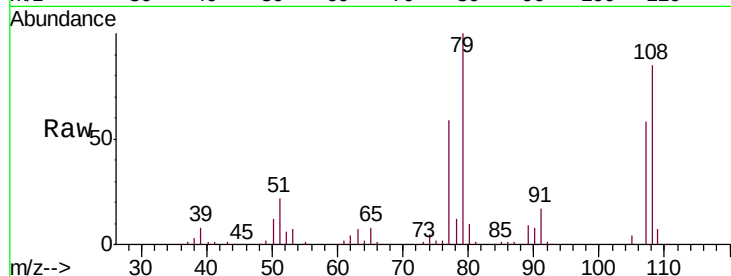
Tot Ion: 79 Resp: 143115

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

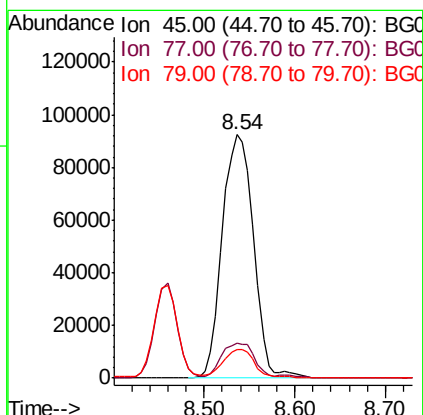
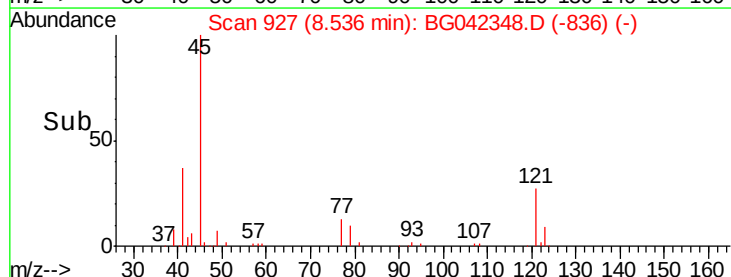
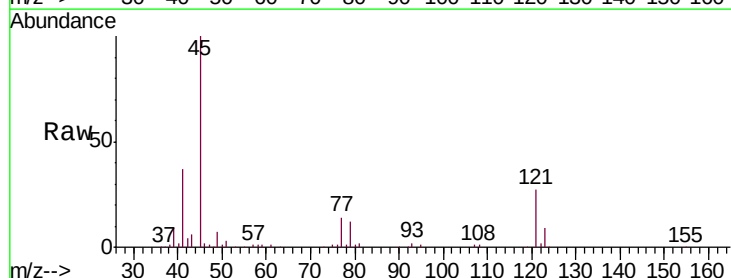
Tgt Ion: 45 Resp: 221355

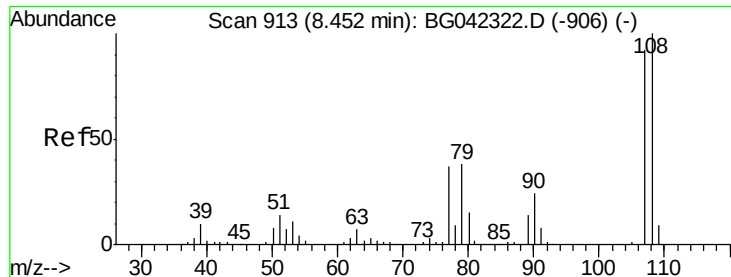
Ion Ratio Lower Upper

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

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 152179

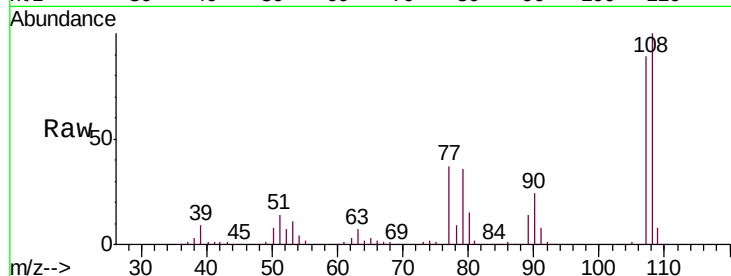
Ion Ratio Lower Upper

107 100

108 112.2 87.0 130.6

77 41.7 32.3 48.5

79 40.9 33.5 50.3

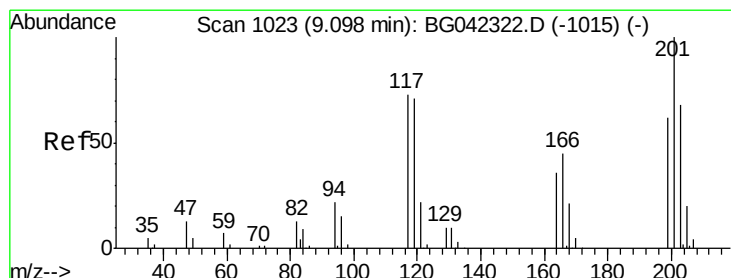
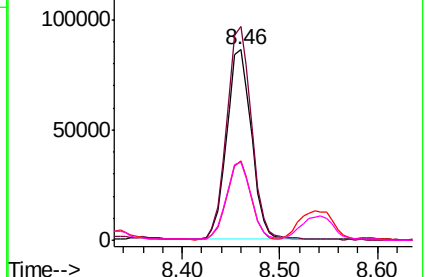
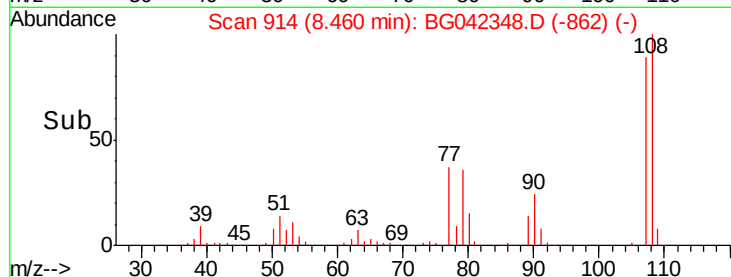


Abundance Ion 107.00 (106.70 to 107.70): E

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

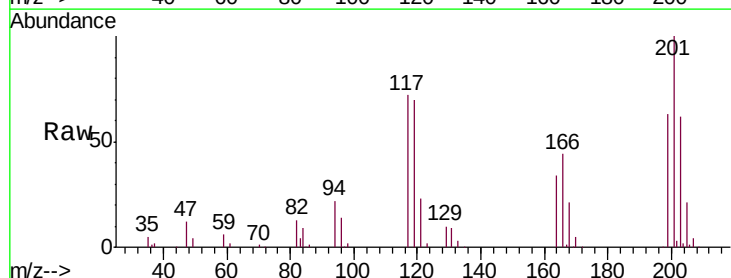
Tgt Ion:117 Resp: 76964

Ion Ratio Lower Upper

117 100

119 96.4 77.6 116.4

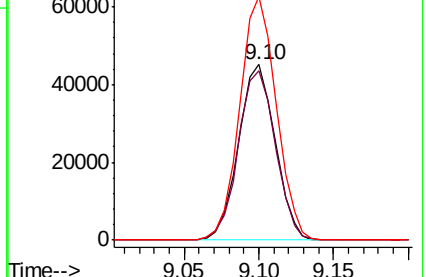
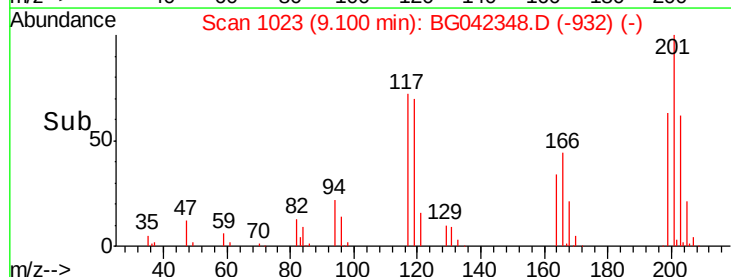
201 138.7 109.4 164.2

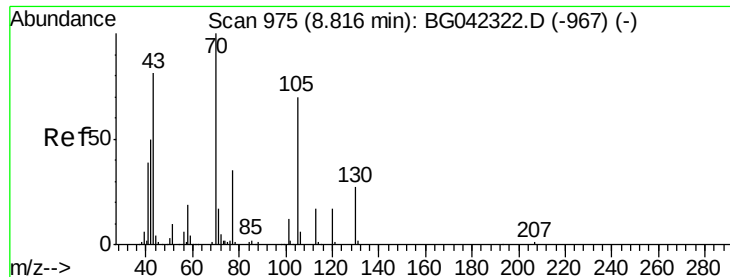


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

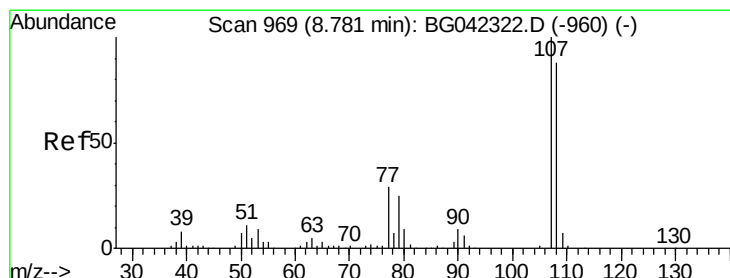
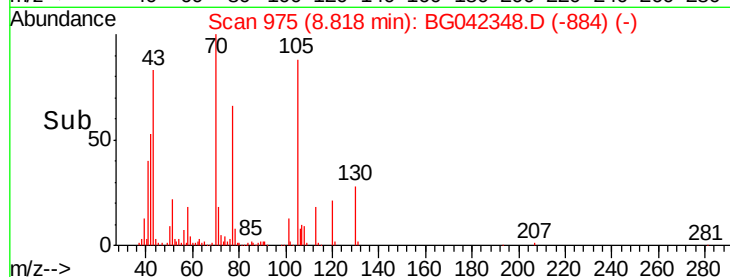
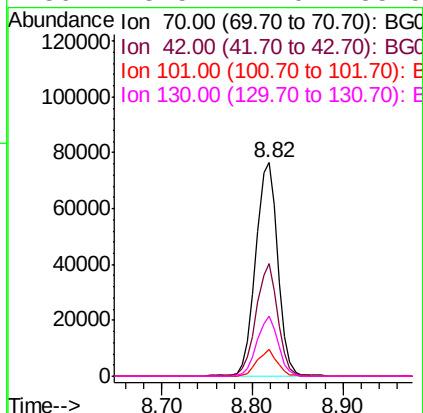
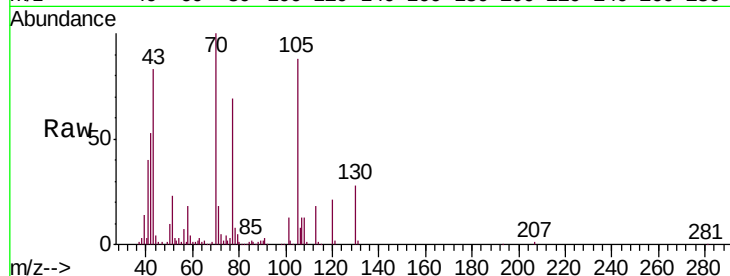




#19
n-Nitroso-di-n-propylamine
Concen: 40.106 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

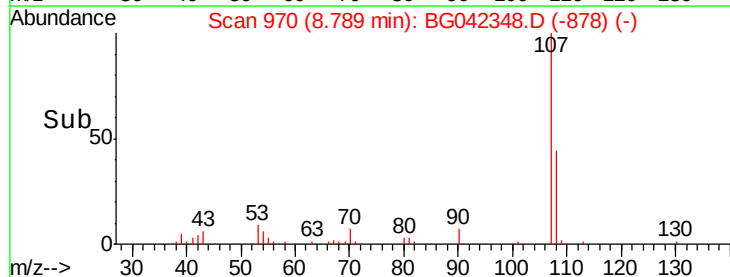
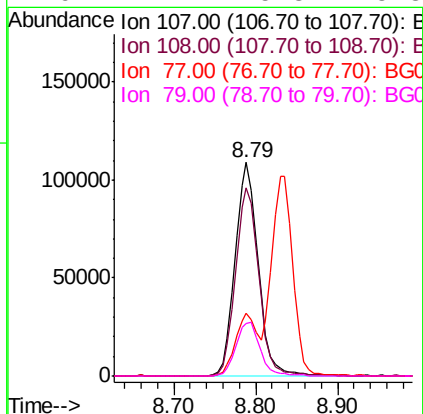
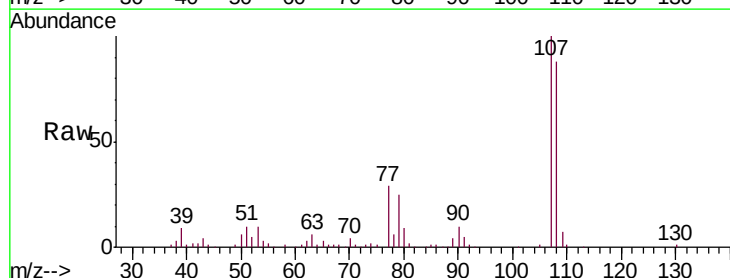
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

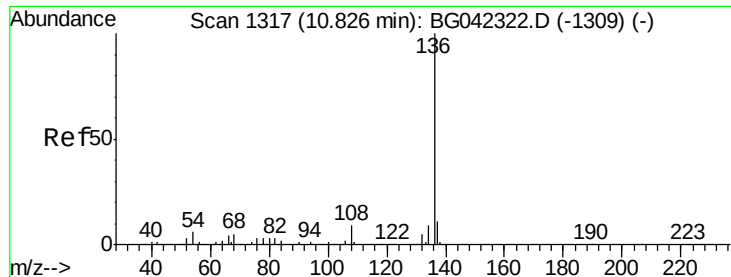
Tot Ion:	70	Resp:	129618
Ion	Ratio	Lower	Upper
70	100		
42	52.6	40.5	60.7
101	12.5	9.3	13.9
130	28.5	22.0	33.0



#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

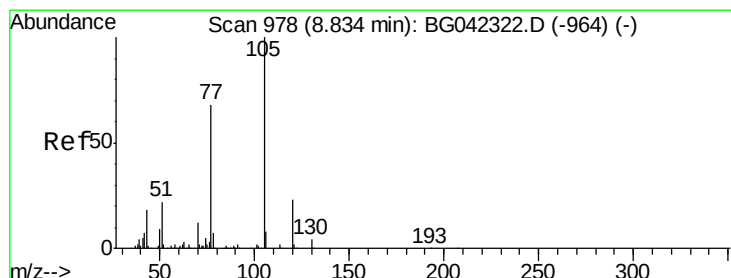
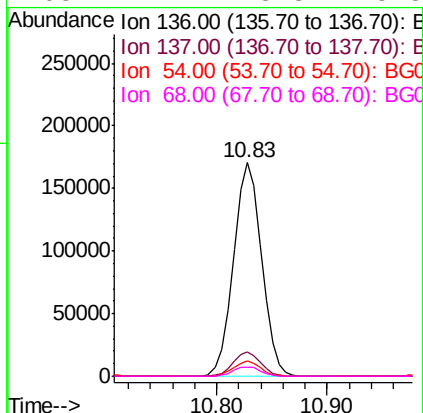
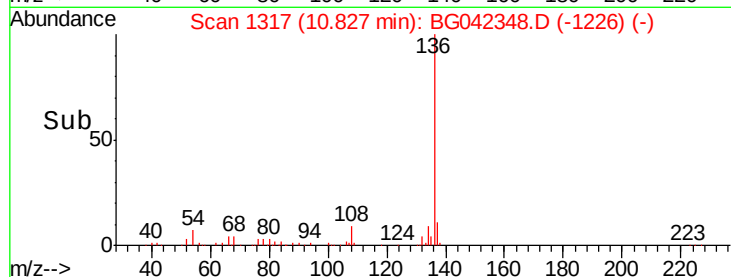
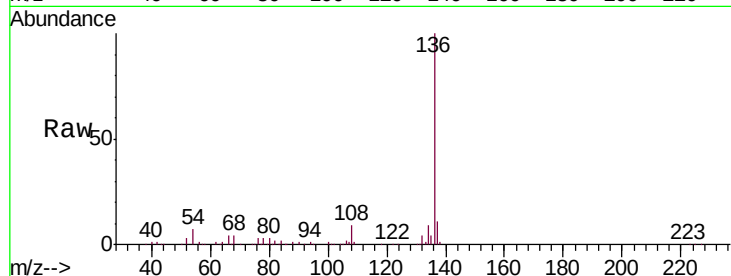




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

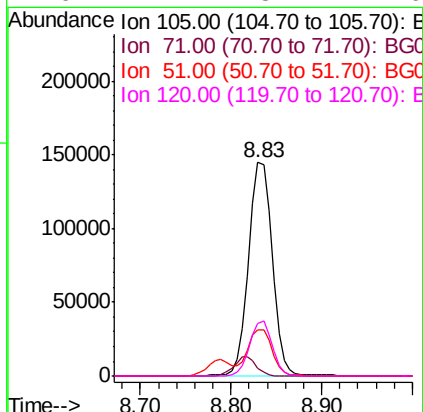
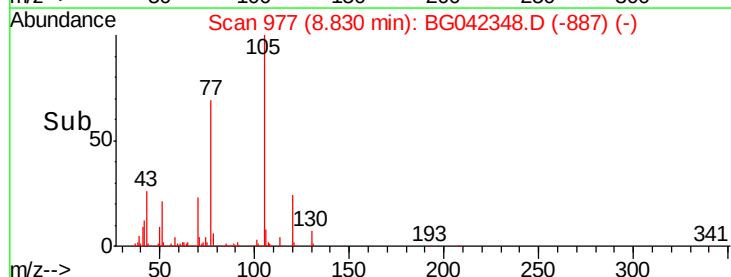
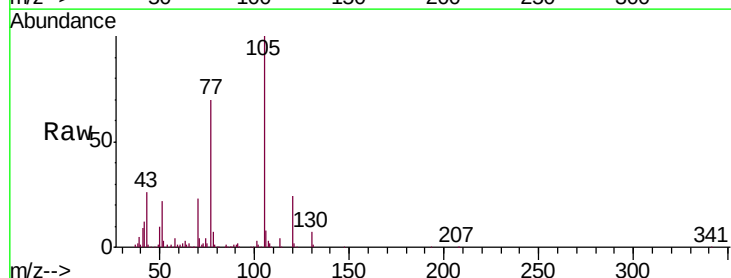
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

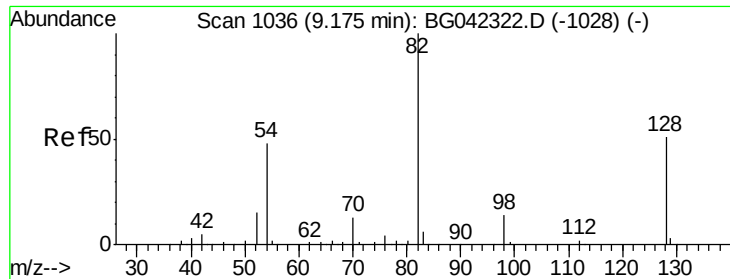
Tot Ion:136	Resp:	304873
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.4	12.6
54 7.0	5.0	7.4
68 4.4	3.8	5.8



#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

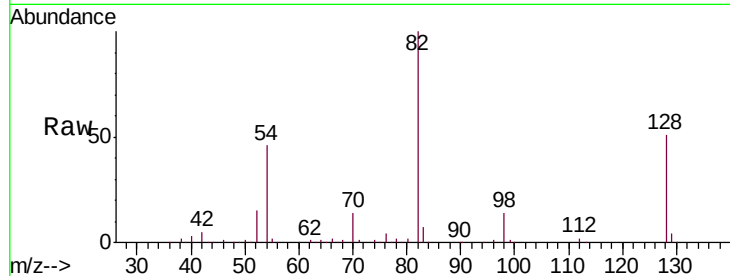




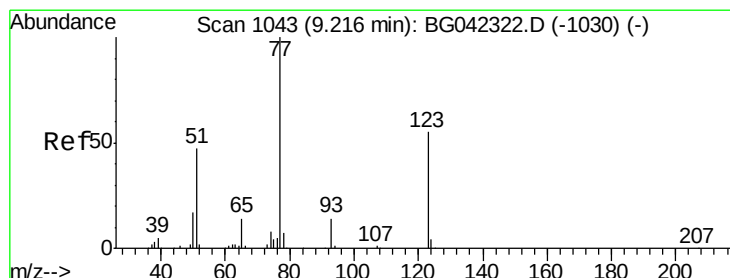
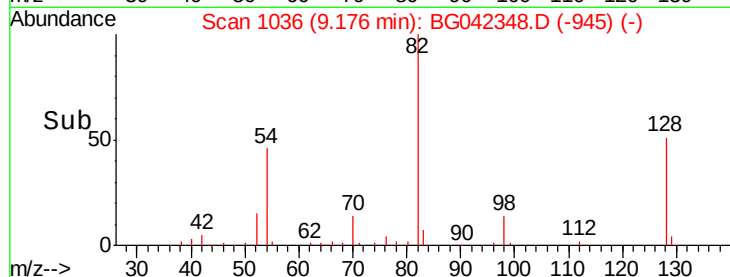
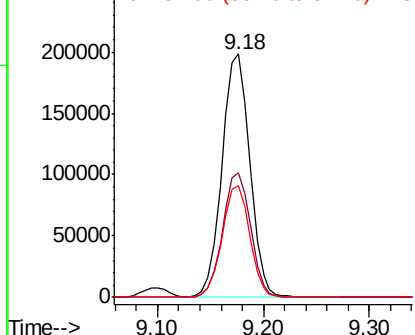
#23
 Nitrobenzene-d5
 Concen: 83.345 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

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

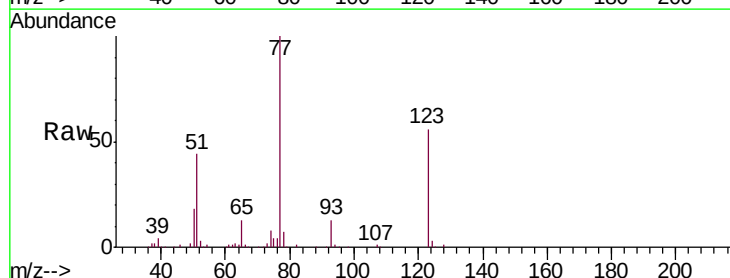


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

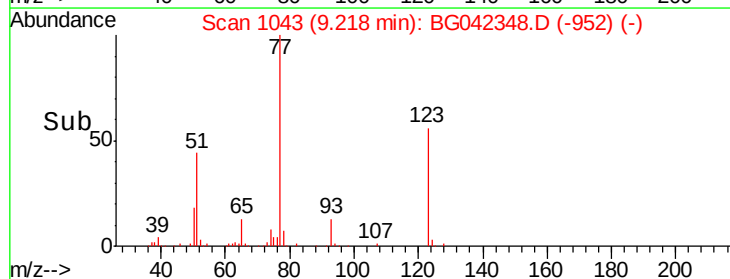
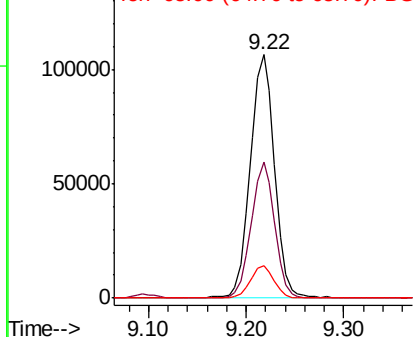


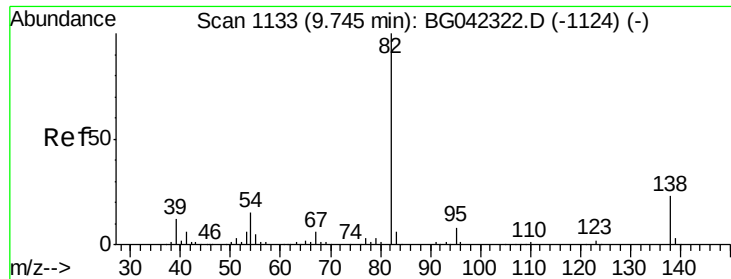
#24
 Nitrobenzene
 Concen: 42.271 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

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

ClientSampleId :

SSTDCCC040

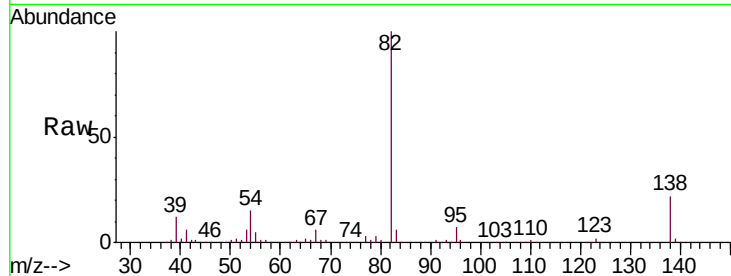
Tot Ion: 82 Resp: 353500

Ion Ratio Lower Upper

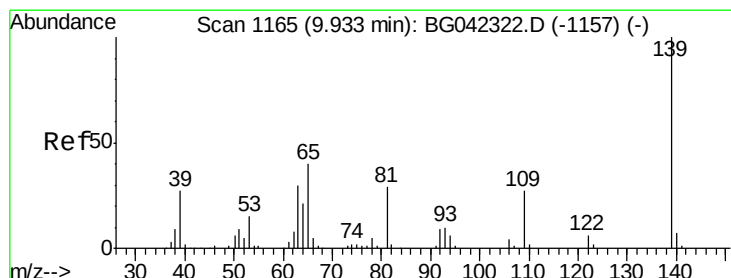
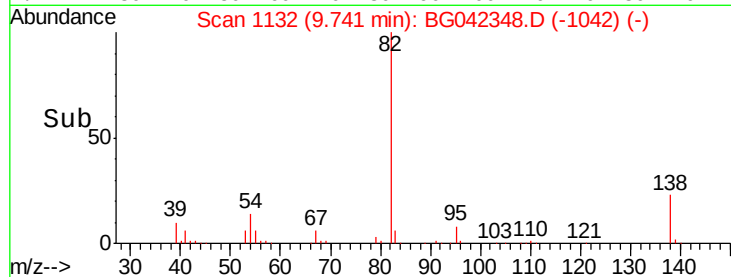
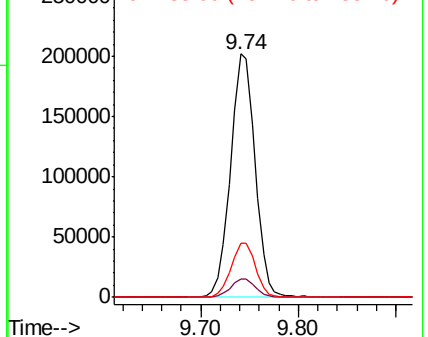
82 100

95 7.4 6.1 9.1

138 22.4 18.2 27.2



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



#26

2-Nitrophenol

Concen: 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

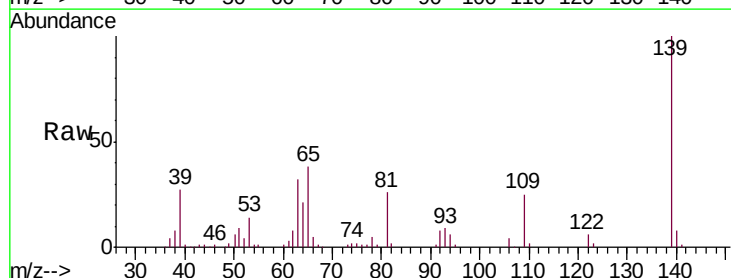
Tgt Ion: 139 Resp: 118490

Ion Ratio Lower Upper

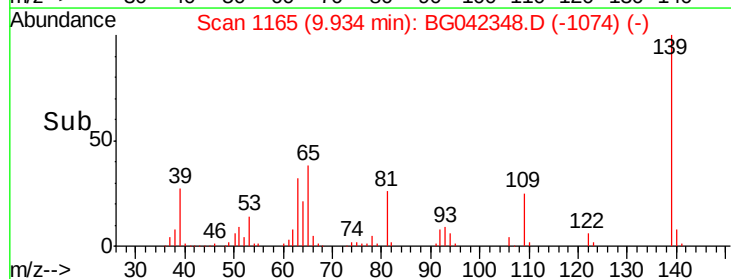
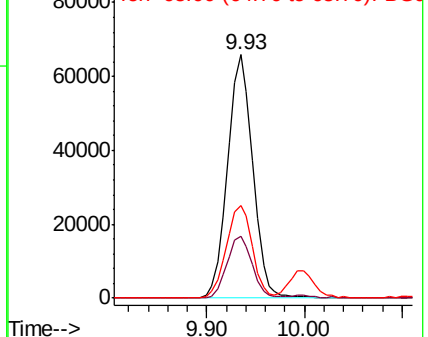
139 100

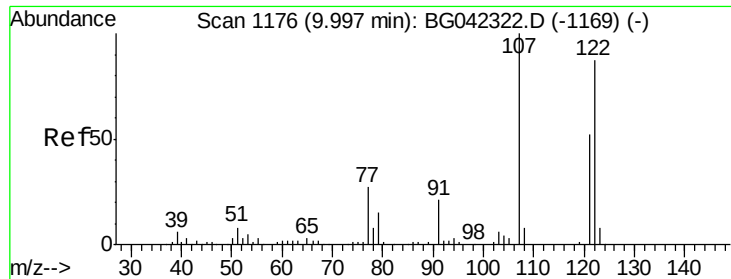
109 25.4 21.4 32.2

65 38.1 31.8 47.6



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

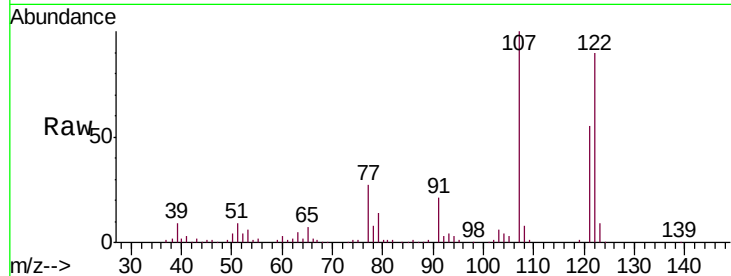




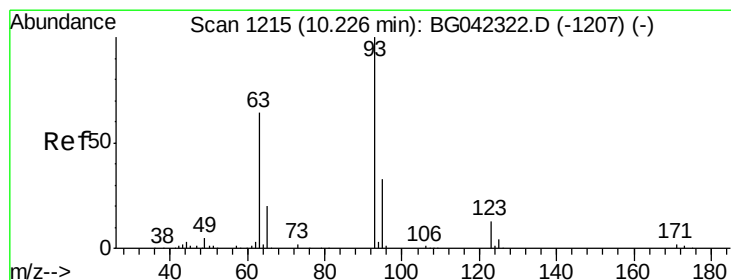
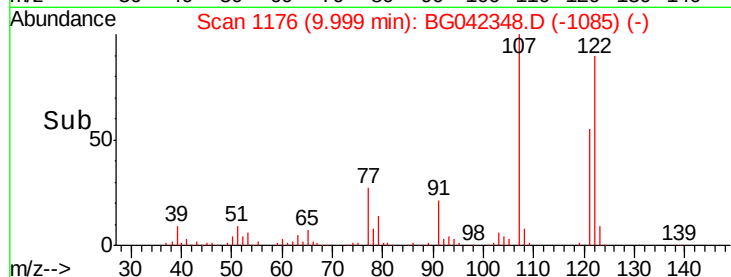
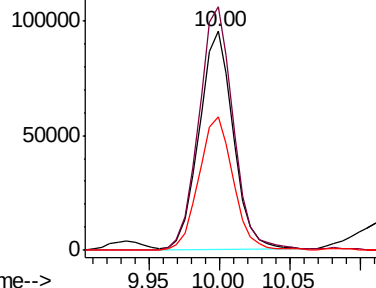
#27
 2,4-Dimethylphenol
 Concen: 41.955 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	91.0	136.4
121	61.2	47.1	70.7

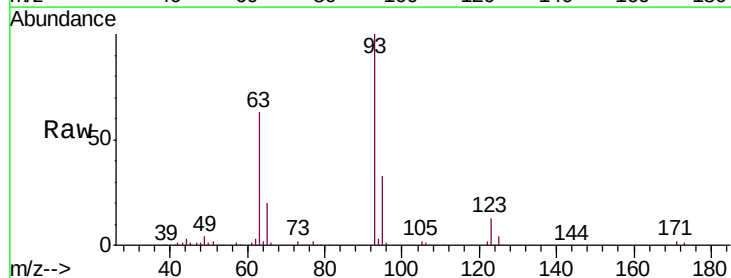


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

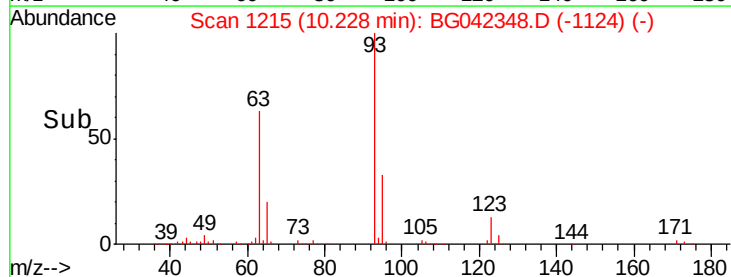
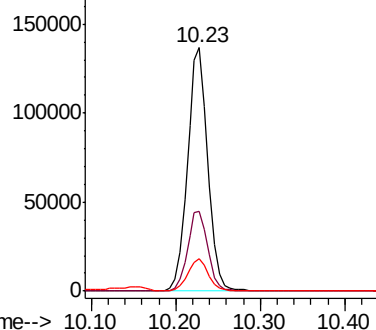


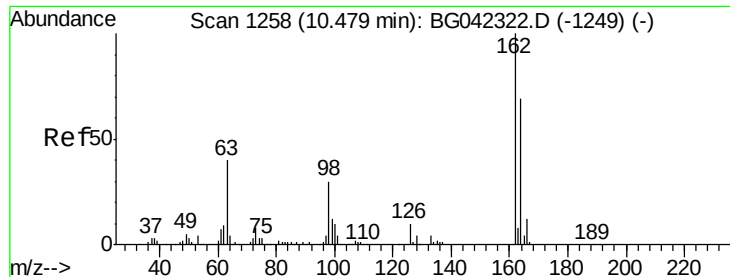
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.069 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Tgt Ion	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

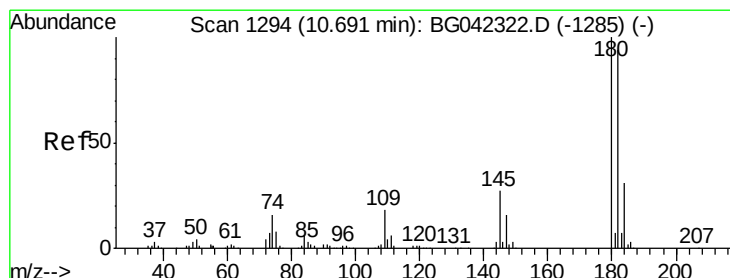
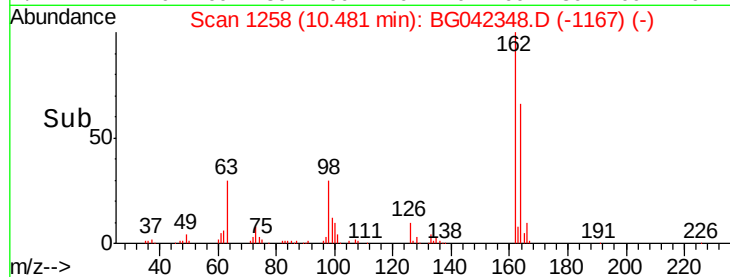
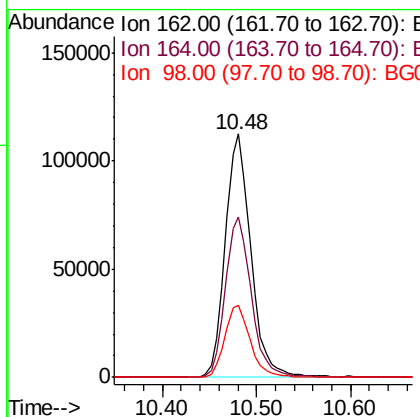
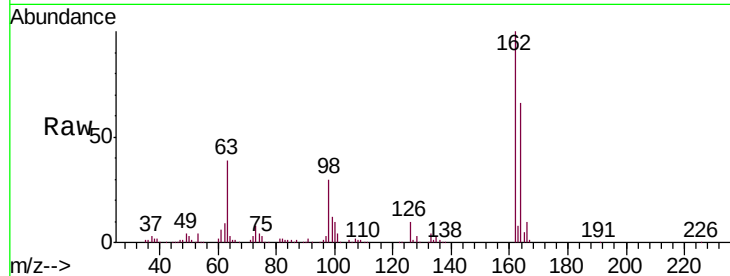




#29
 2,4-Dichlorophenol
 Concen: 42.077 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

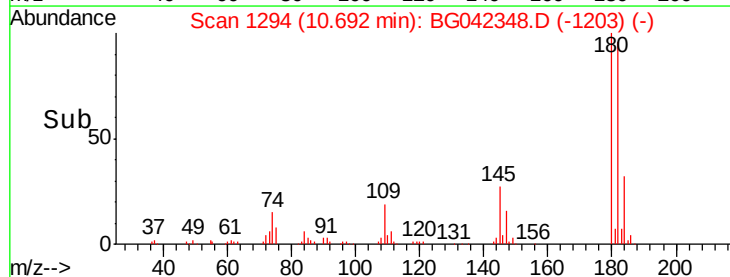
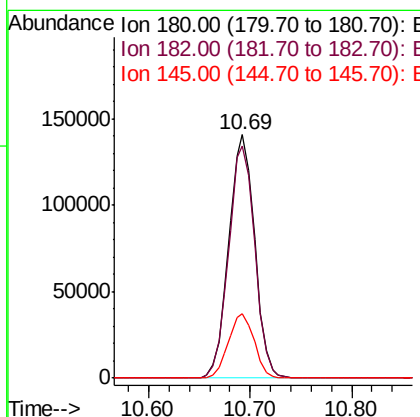
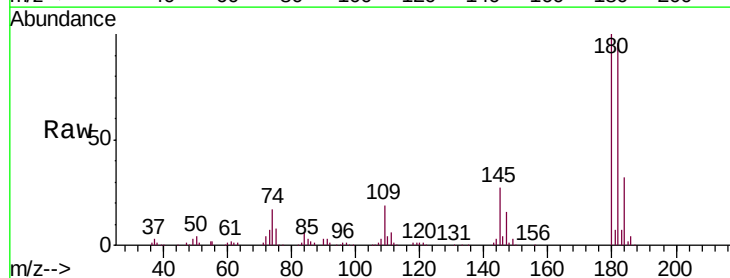
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

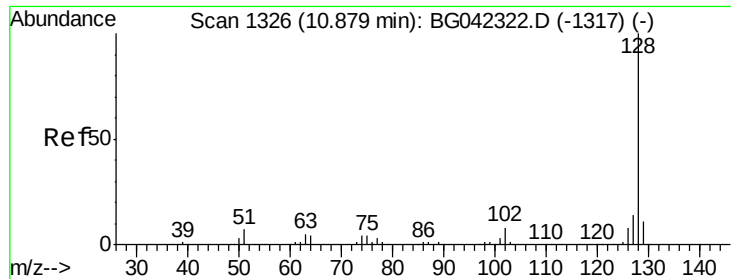
Tot Ion:	162	Resp:	213110
Ion	Ratio	Lower	Upper
162	100		
164	65.7	48.6	88.6
98	29.5	9.6	49.6



#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:	180	Resp:	248973
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	26.5	21.2	31.8

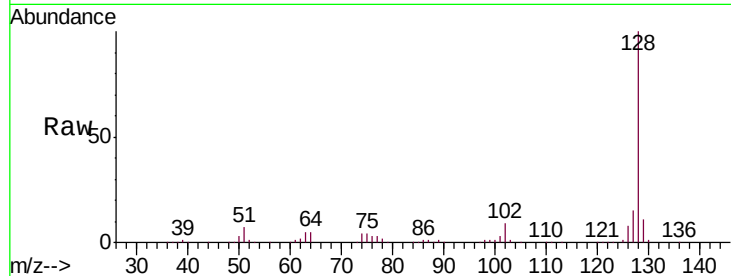




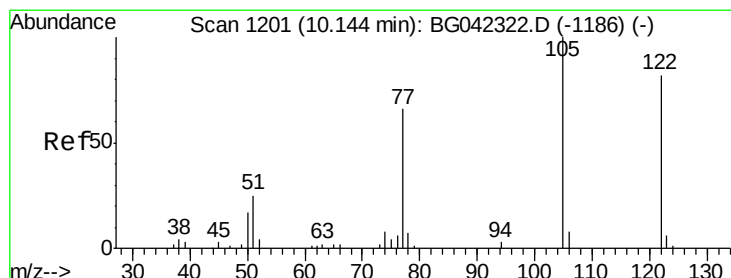
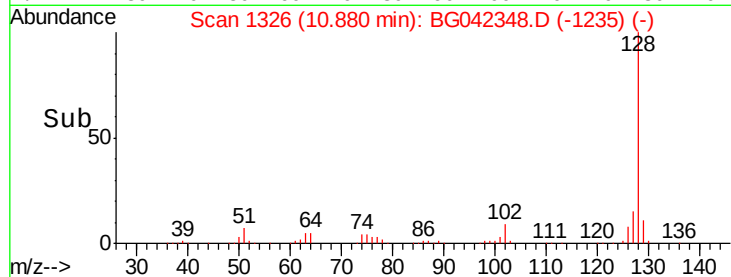
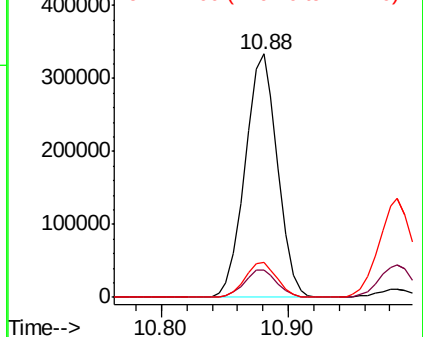
#31
Naphthalene
Concen: 41.832 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

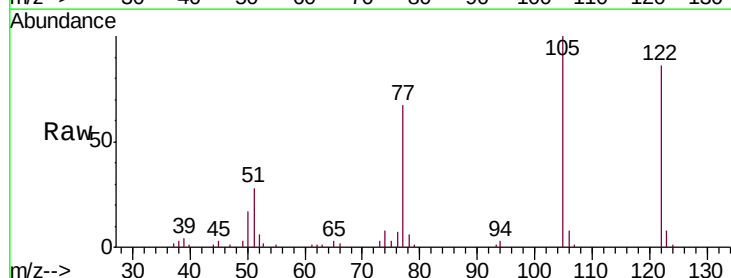


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

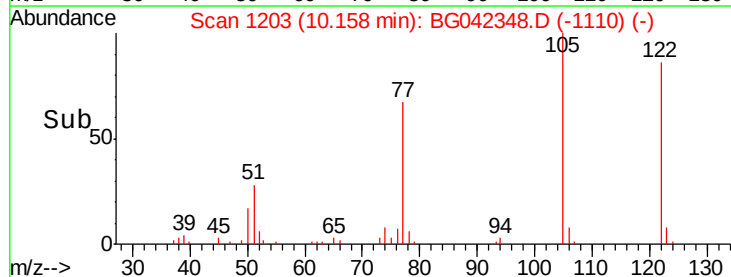
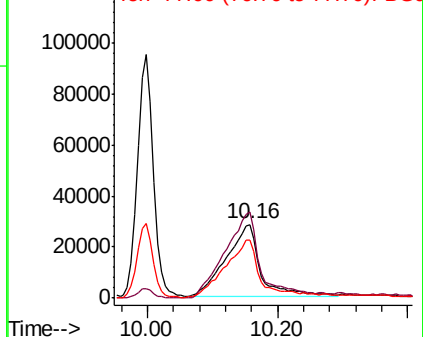


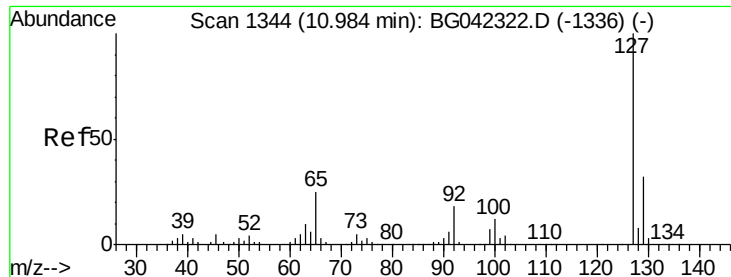
#32
Benzoic acid
Concen: 39.108 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

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): BGC

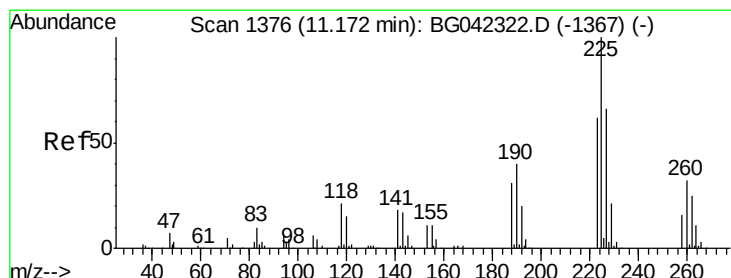
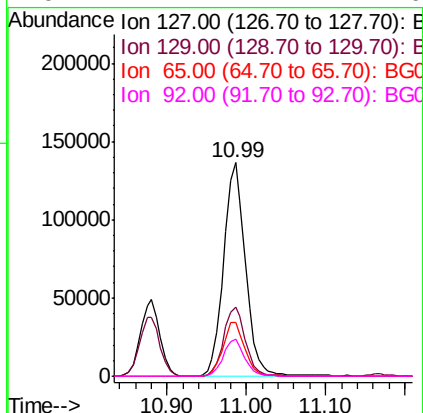
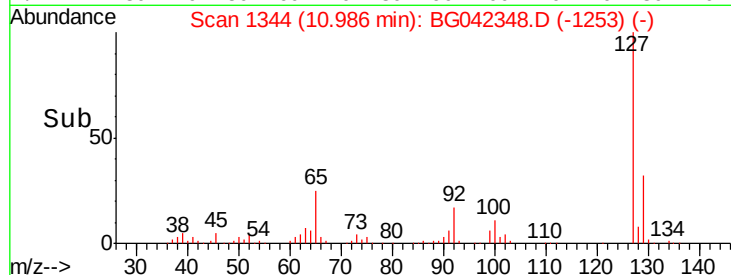
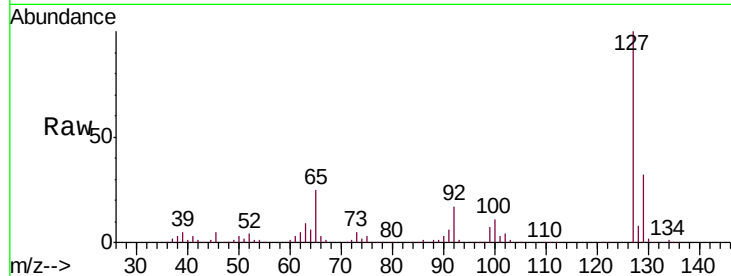




#33
4-Chloroaniline
Concen: 40.319 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

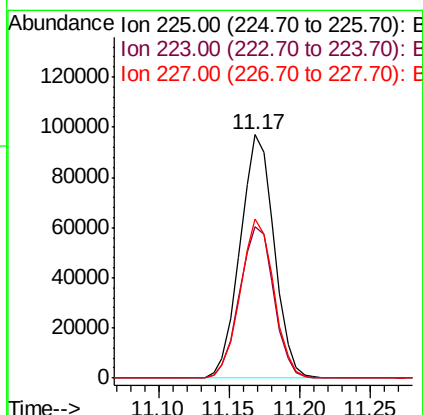
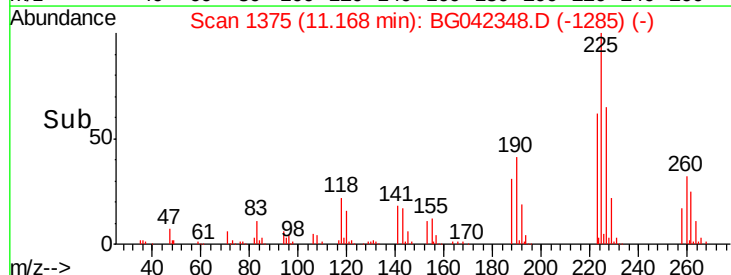
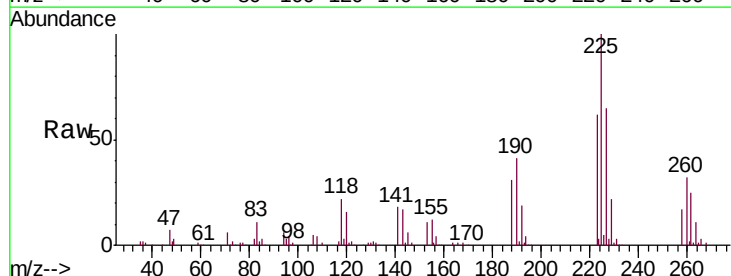
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

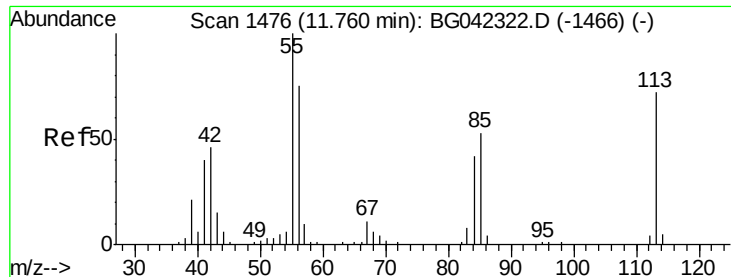
Tot Ion:127	Resp:	259759
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.9 38.9
65	25.2	19.8 29.8
92	17.1	14.4 21.6



#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

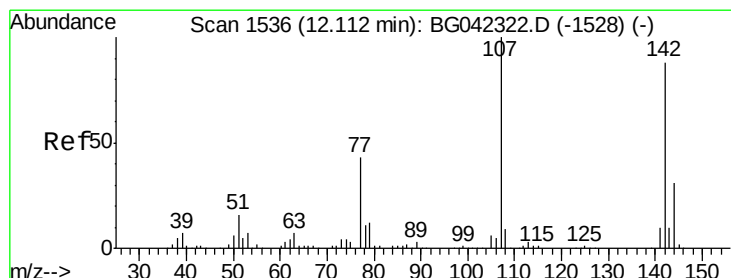
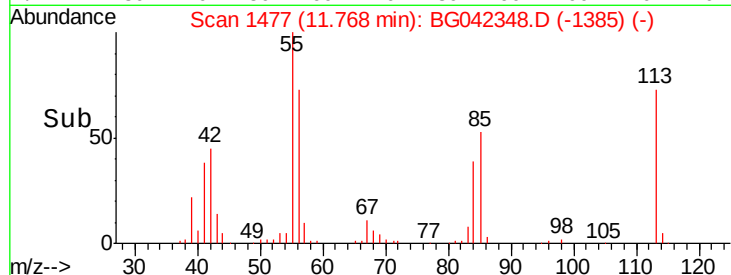
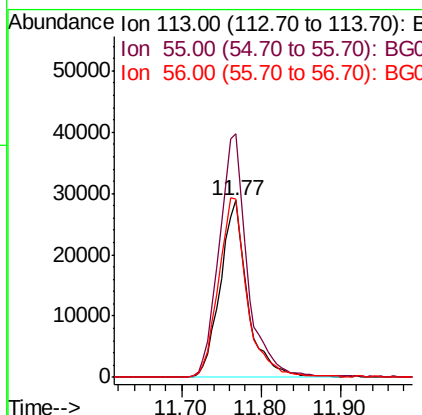
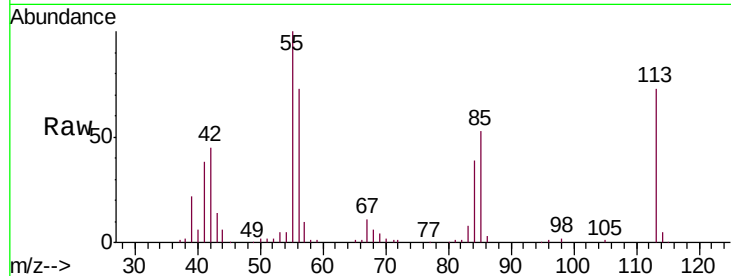




#35
 Caprolactam
 Concen: 42.592 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

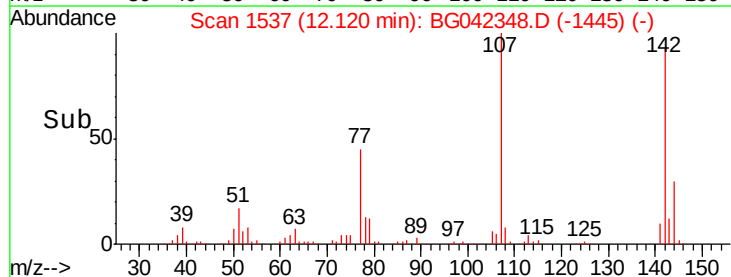
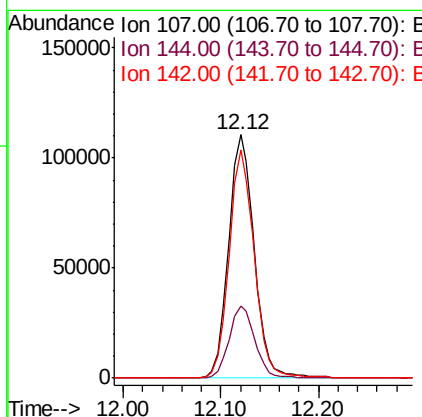
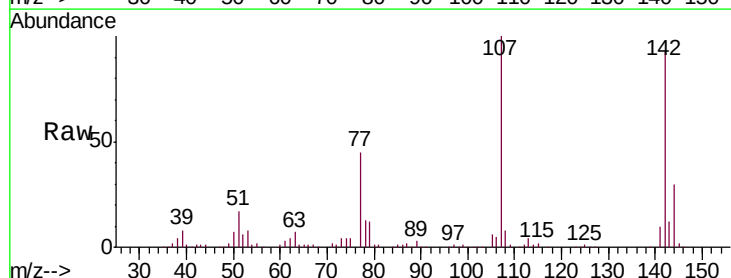
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

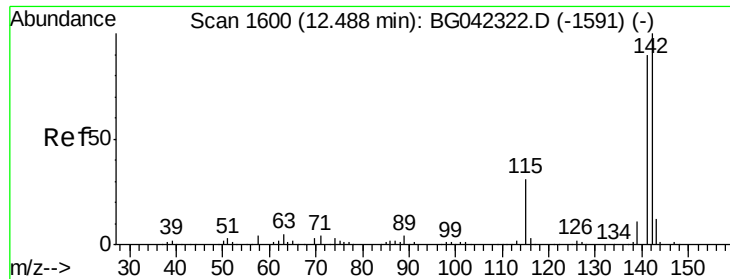
Tot Ion:113 Resp: 68753
 Ion Ratio Lower Upper
 113 100
 55 137.9 119.4 159.4
 56 101.2 83.9 123.9



#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

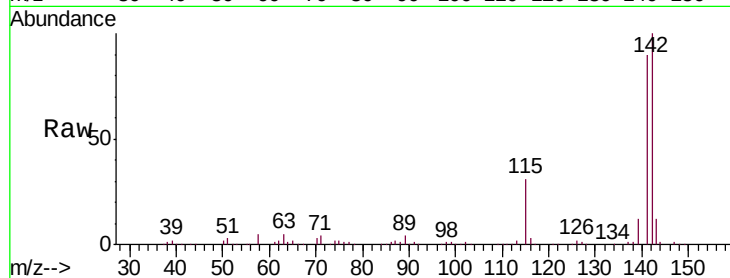




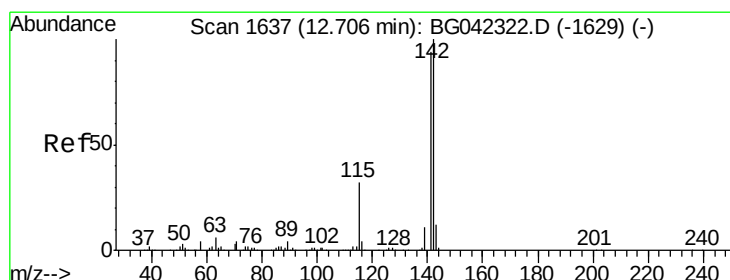
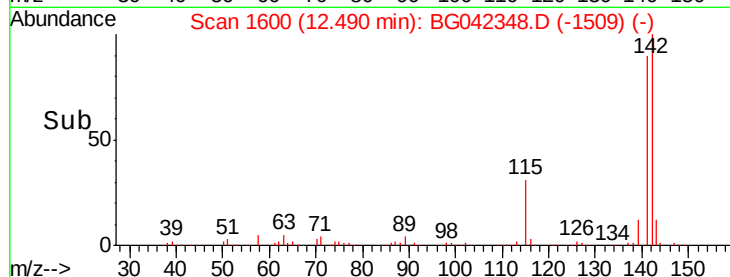
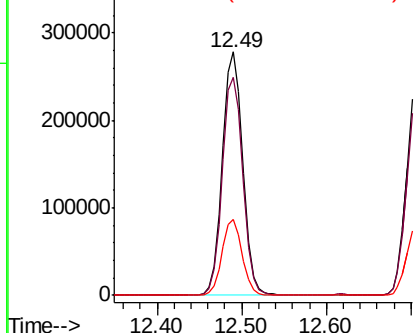
#37
2-Methylnaphthalene
Concen: 41.148 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

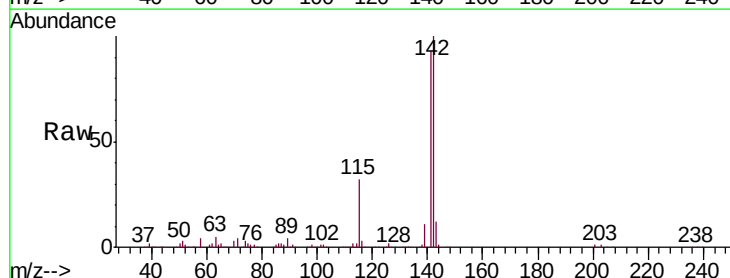


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

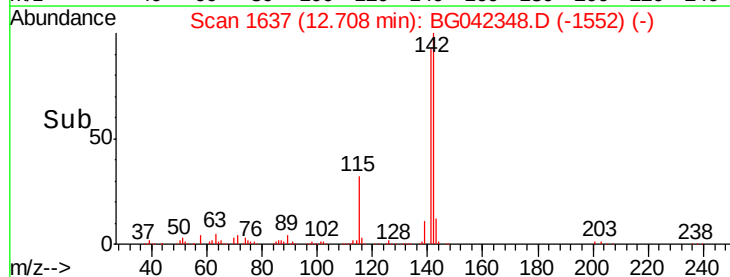
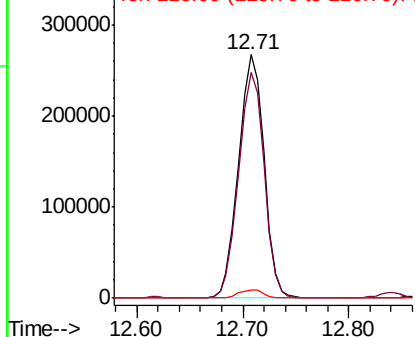


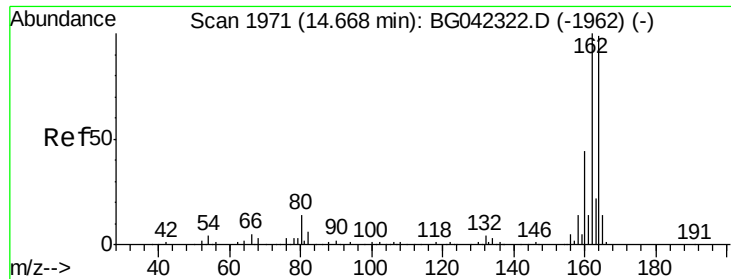
#38
1-Methylnaphthalene
Concen: 41.242 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

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 :

SSTDCCC040

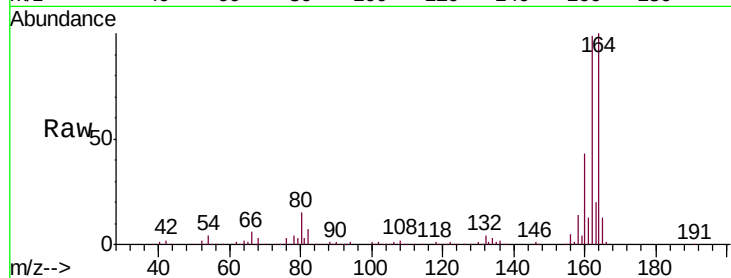
Tot Ion:164 Resp: 217585

Ion Ratio Lower Upper

164 100

162 99.4 80.6 120.8

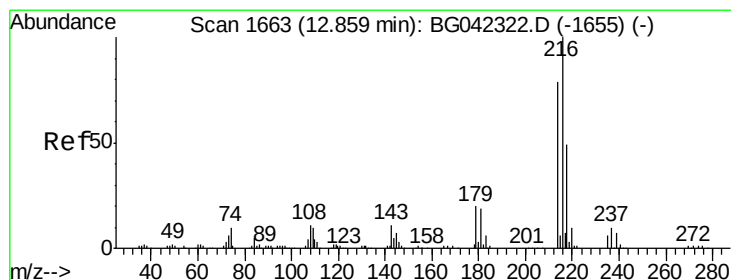
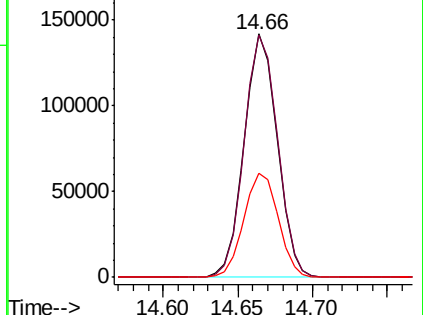
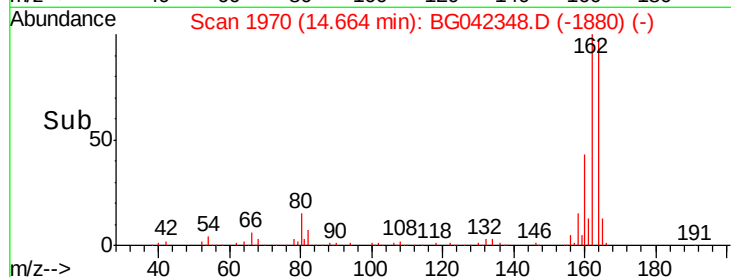
160 42.6 35.7 53.5



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:216 Resp: 287477

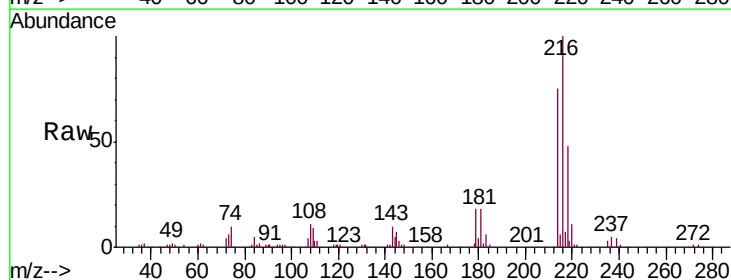
Ion Ratio Lower Upper

216 100

214 77.3 62.2 93.4

179 19.2 15.3 22.9

108 12.0 9.6 14.4

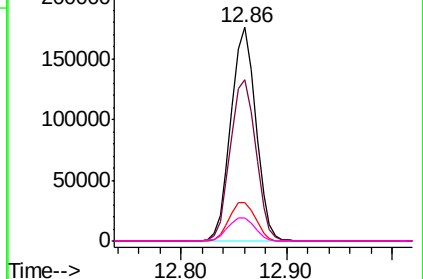
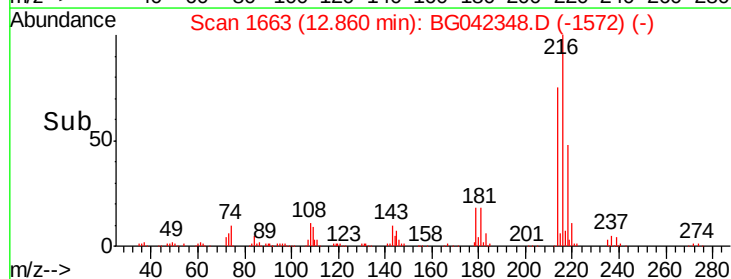


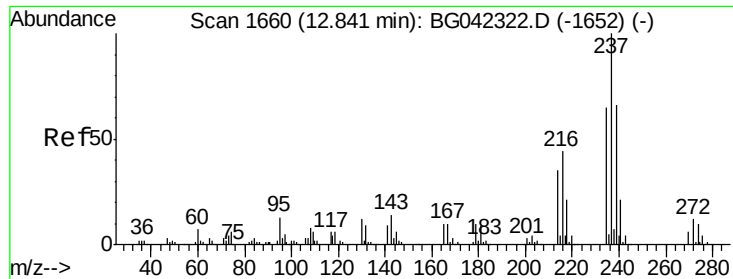
Abundance Ion 216.00 (215.70 to 216.70): E

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

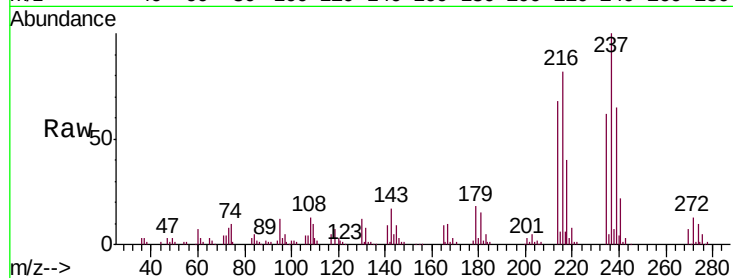




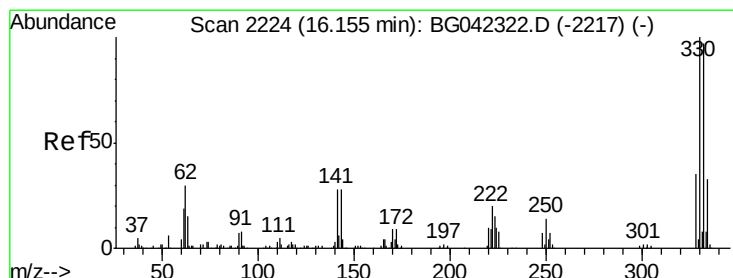
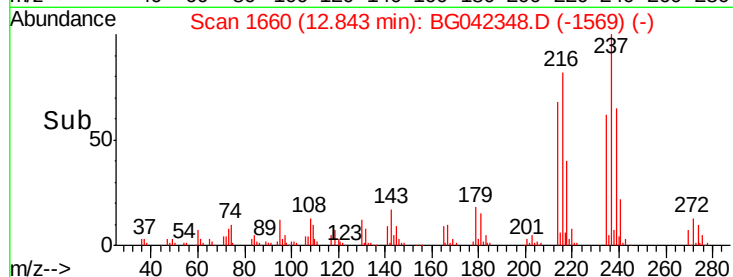
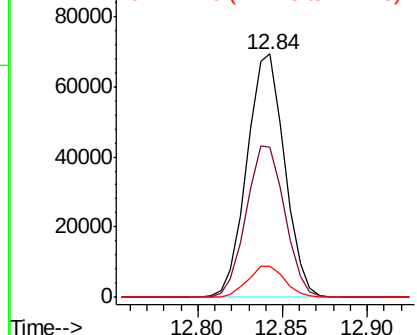
#41
Hexachlorocyclopentadiene
Concen: 30.810 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

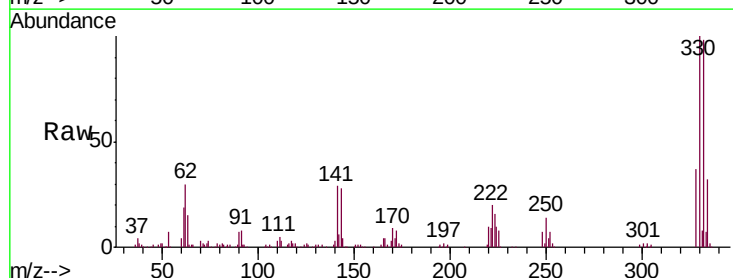


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

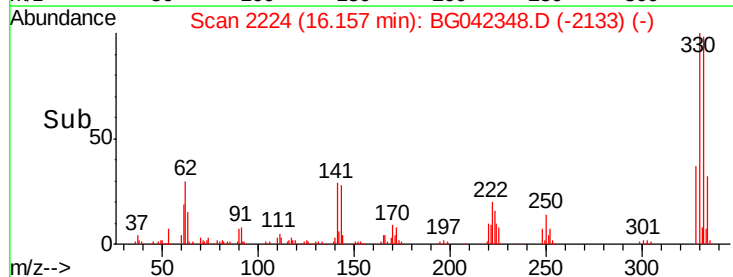
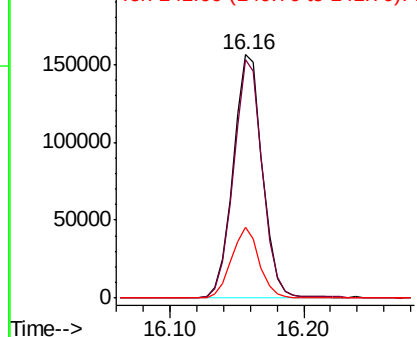


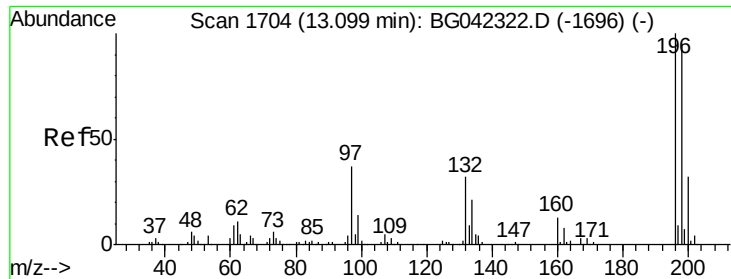
#42
2,4,6-Tribromophenol
Concen: 80.431 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

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

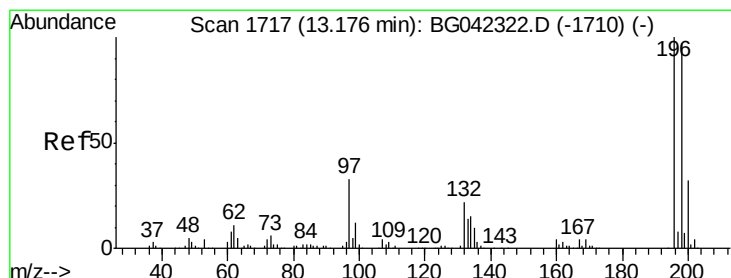
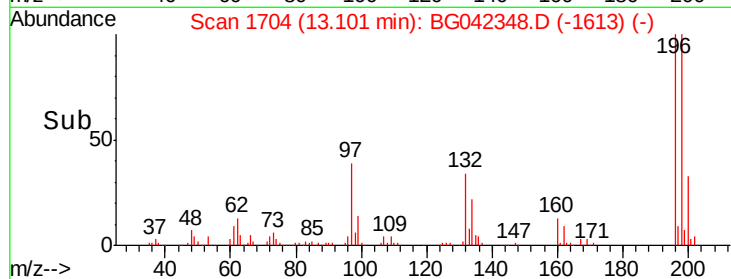
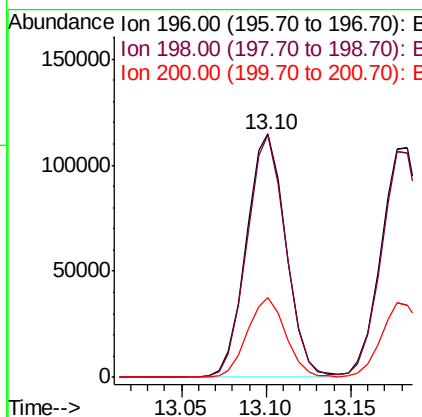
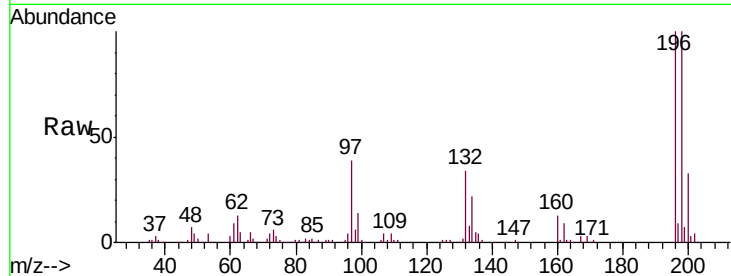




#43
 2,4,6-Trichlorophenol
 Concen: 39.796 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

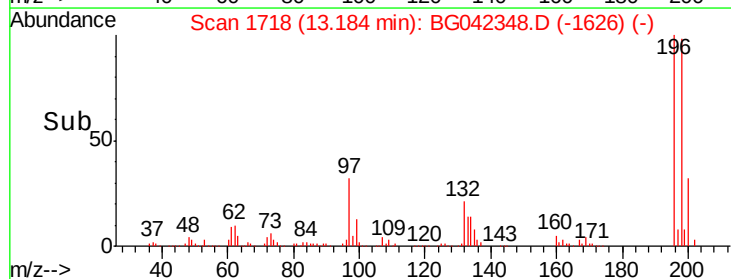
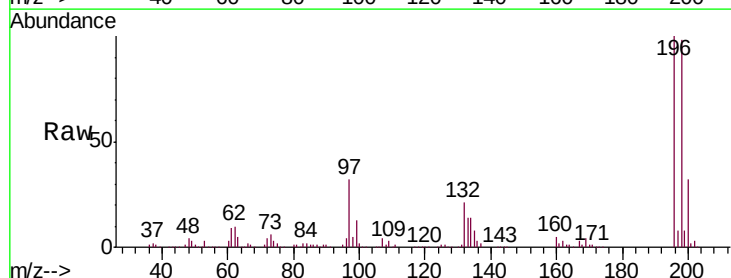
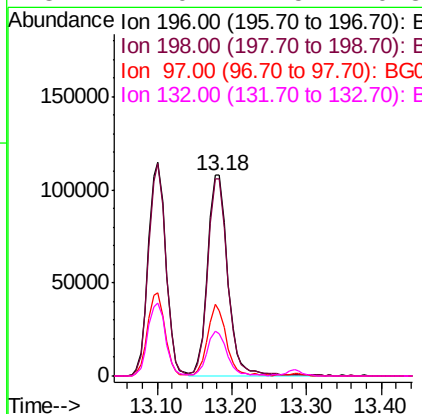
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

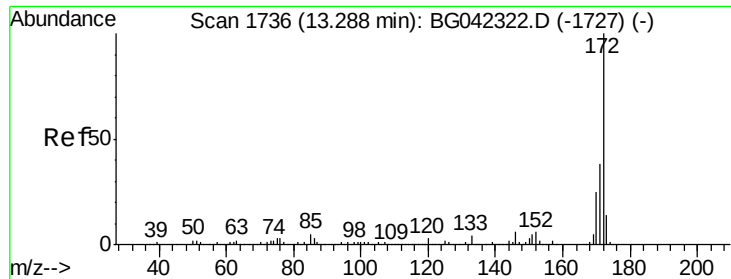
Tot Ion	196	Resp	186805
Ion Ratio	Lower	Upper	
196	100		
198	99.7	75.9	113.9
200	32.8	25.5	38.3



#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



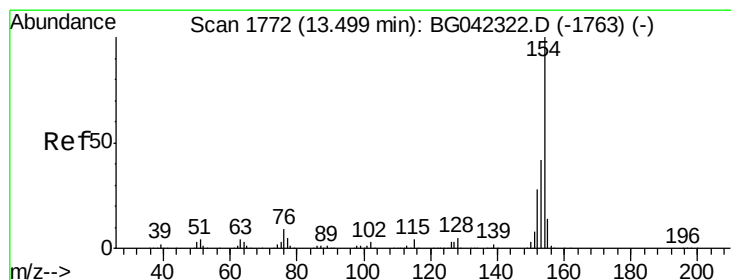
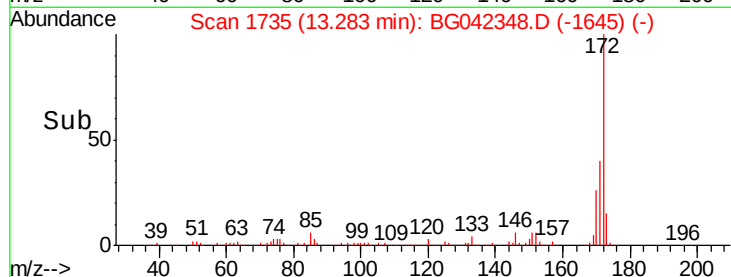
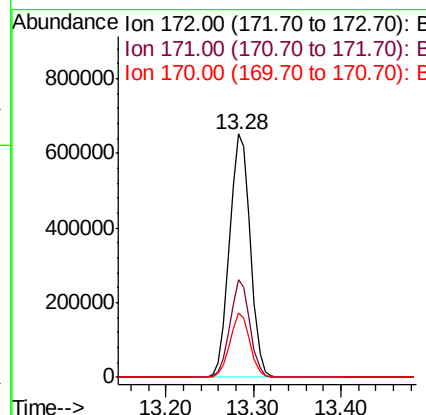
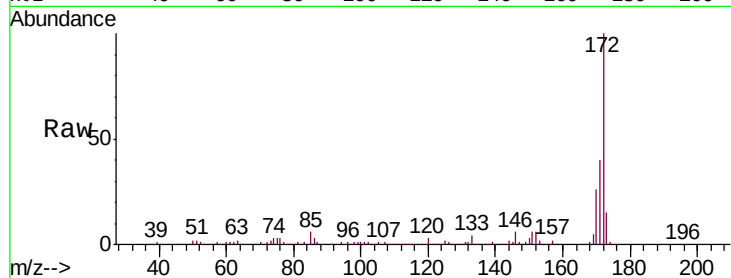


#45
 2-Fluorobiphenyl
 Concen: 82.739 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1063897

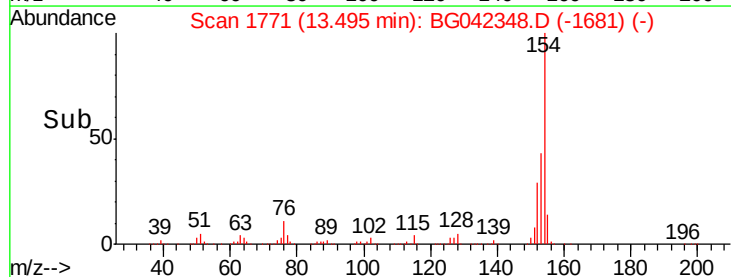
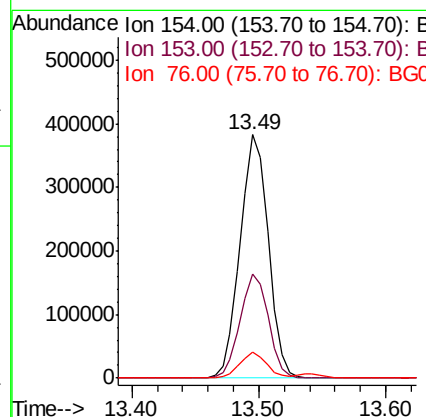
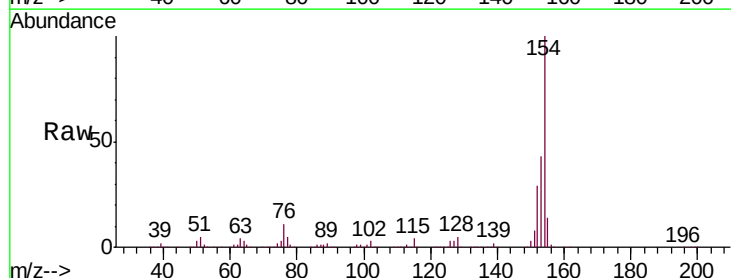
Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.3	45.5
170	26.2	20.0	30.0

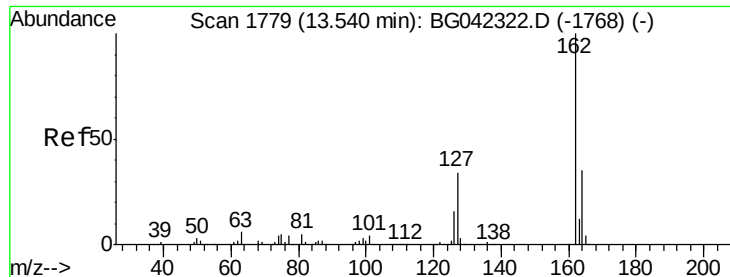


#46
 1,1'-Biphenyl
 Concen: 41.565 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

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

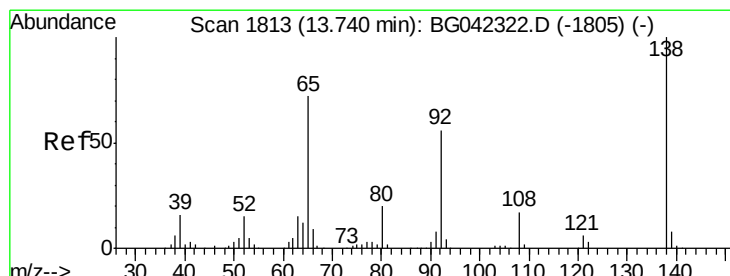
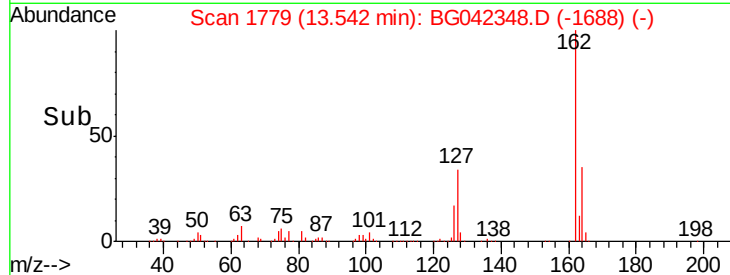
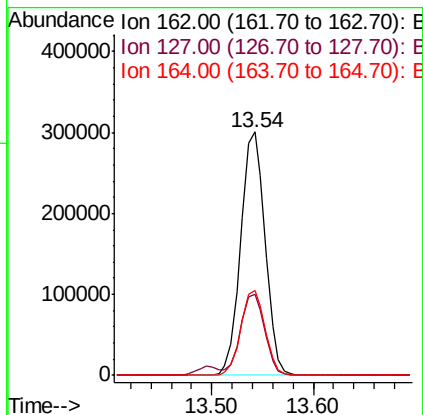
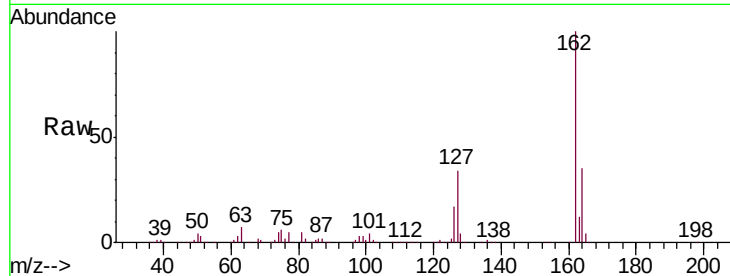




#47
 2-Chloronaphthalene
 Concen: 41.448 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

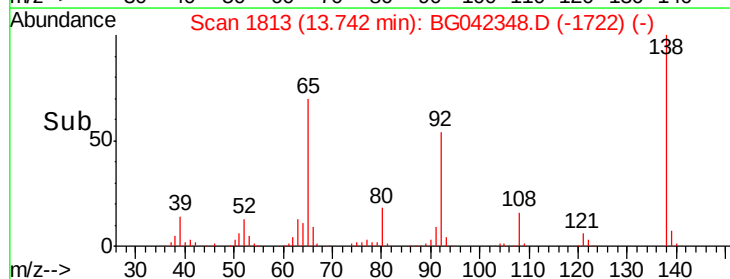
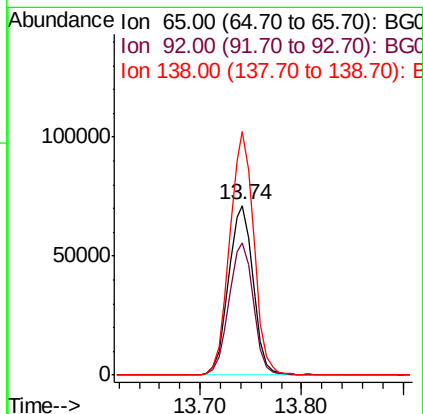
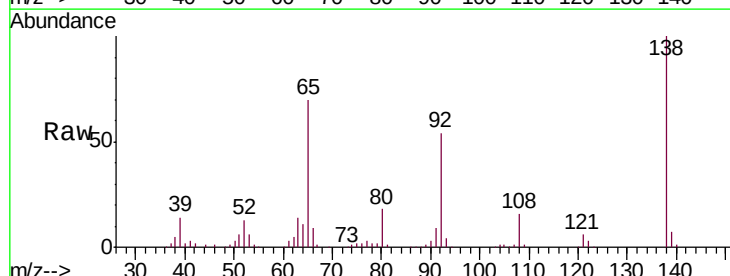
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

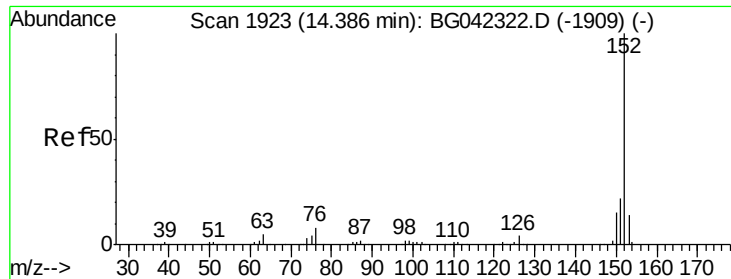
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.5	27.2	40.8
164	35.1	27.8	41.8



#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	Ratio	Lower	Upper
65	100		
92	78.0	62.6	94.0
138	143.2	111.5	167.3





#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 :

SSTDCCC040

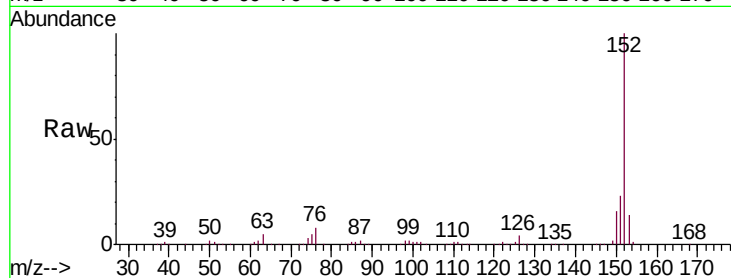
Tot Ion:152 Resp: 769512

Ion Ratio Lower Upper

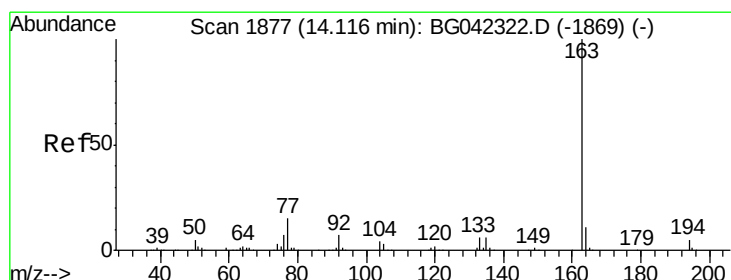
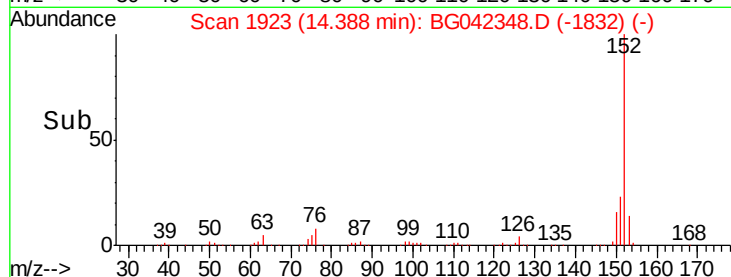
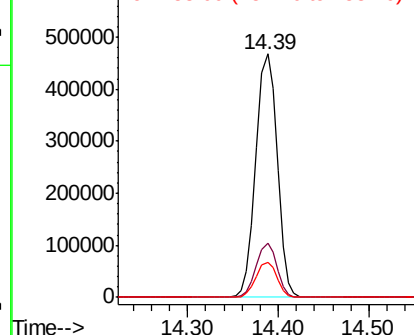
152 100

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



#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

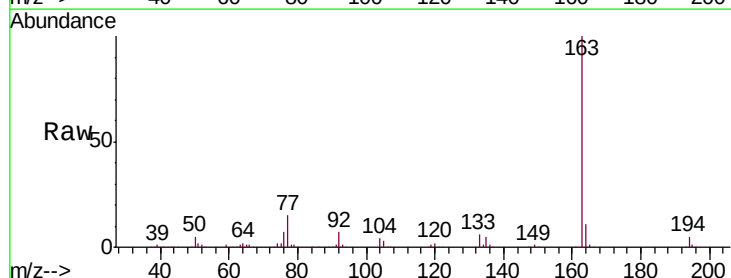
Tgt Ion:163 Resp: 633328

Ion Ratio Lower Upper

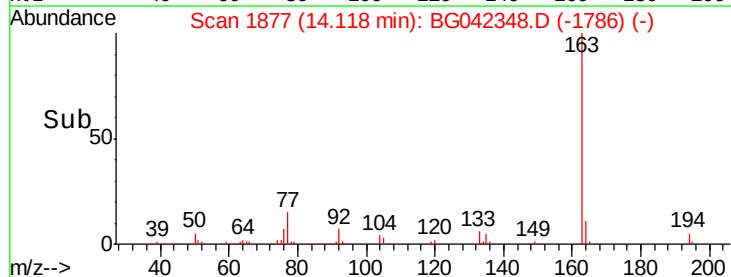
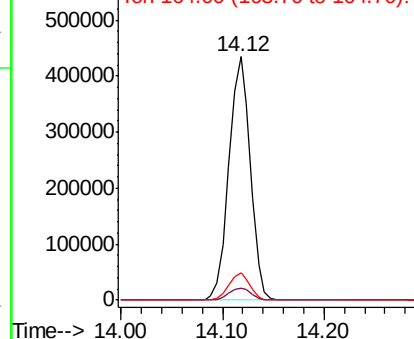
163 100

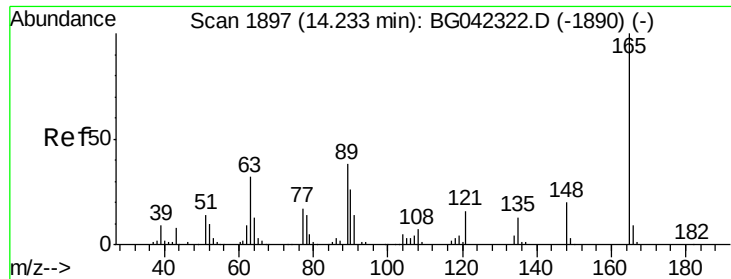
194 5.1 4.2 6.2

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

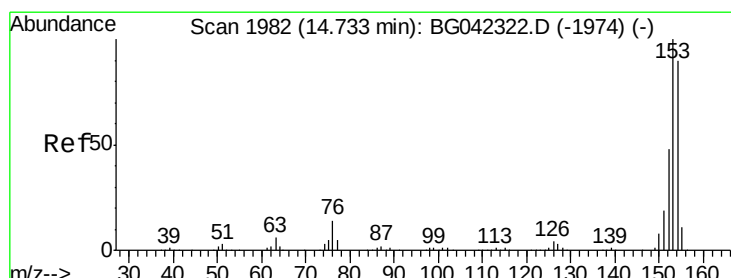
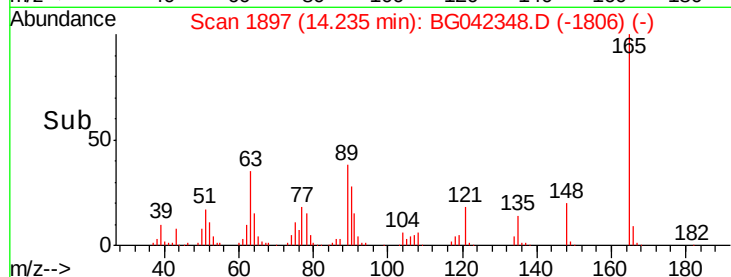
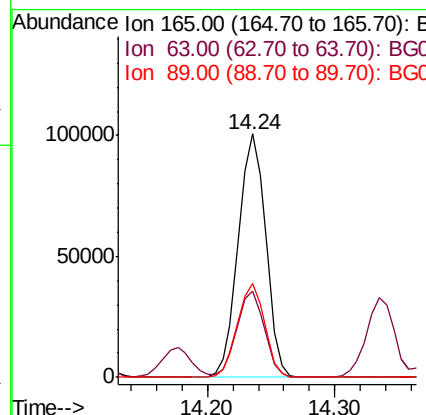
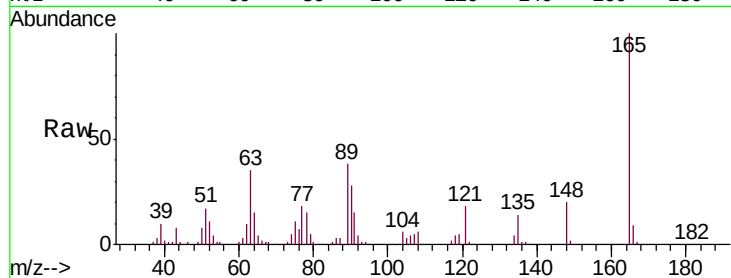




#51
 2,6-Dinitrotoluene
 Concen: 41.820 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

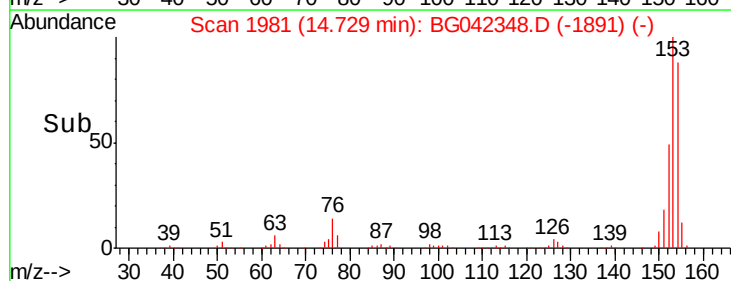
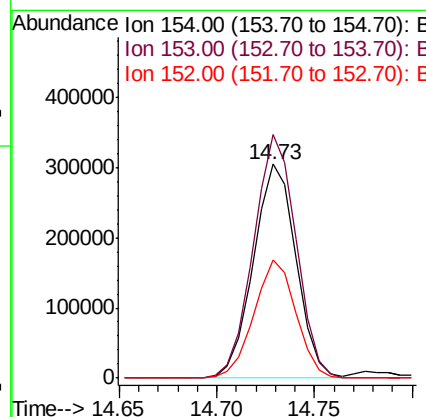
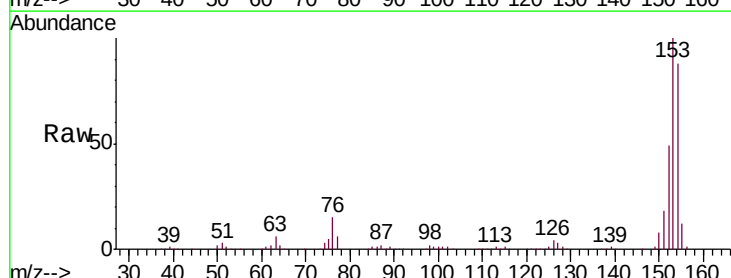
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

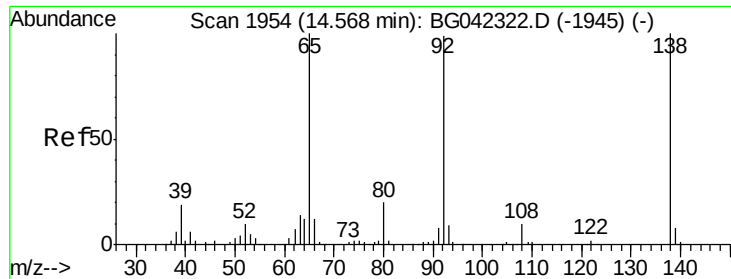
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.4	28.2	42.2
89	38.4	30.0	45.0



#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





#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 :

SSTDCCC040

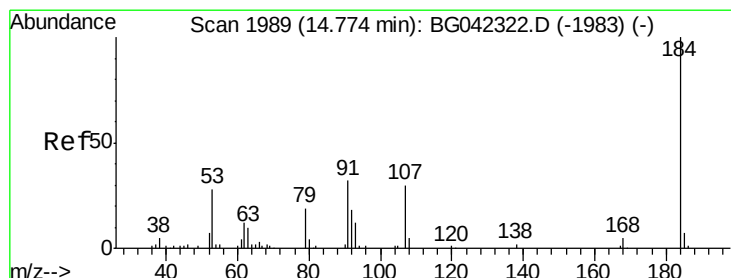
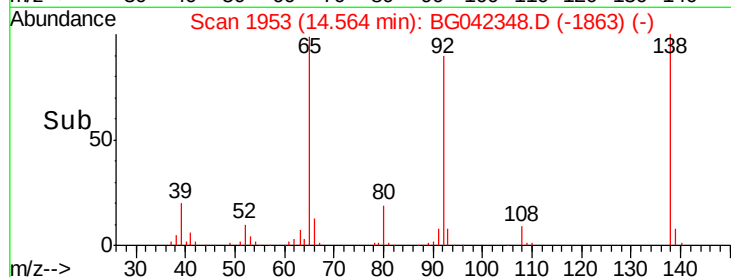
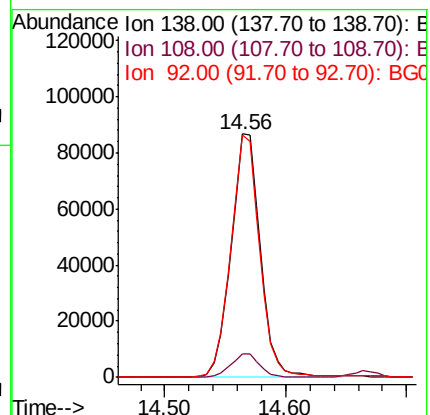
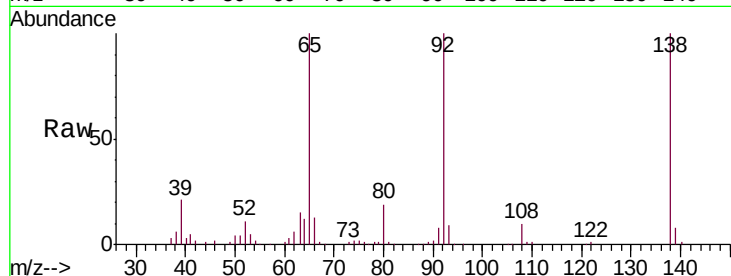
Tot Ion:138 Resp: 145835

Ion Ratio Lower Upper

138 100

108 9.6 7.9 11.9

92 99.6 79.8 119.8



#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

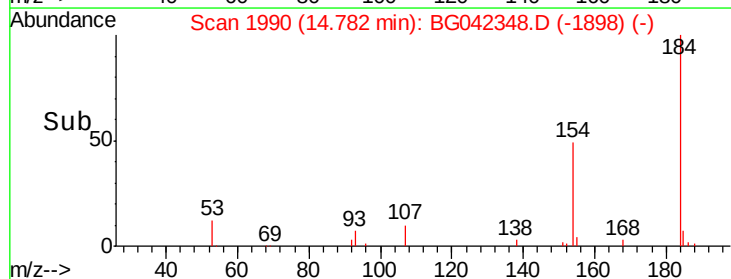
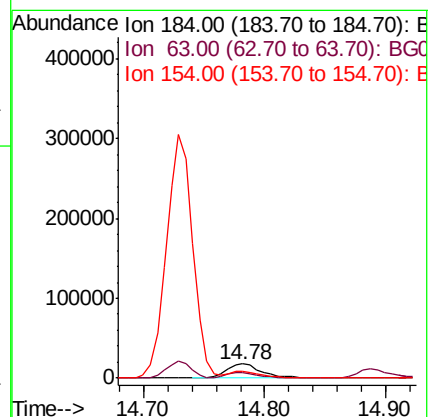
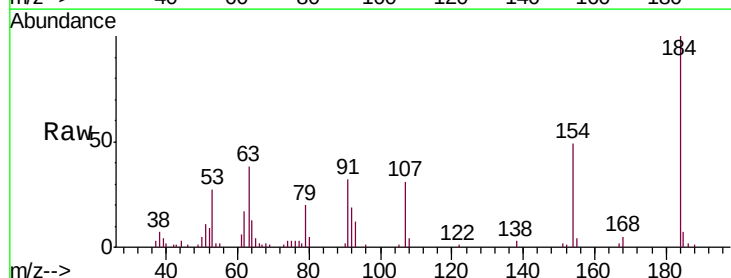
Tgt Ion:184 Resp: 35633

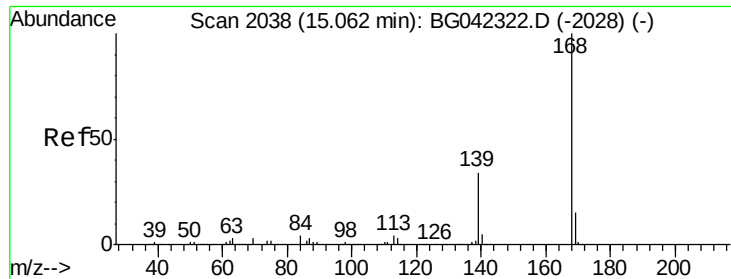
Ion Ratio Lower Upper

184 100

63 37.6 30.2 45.4

154 48.7 39.7 59.5

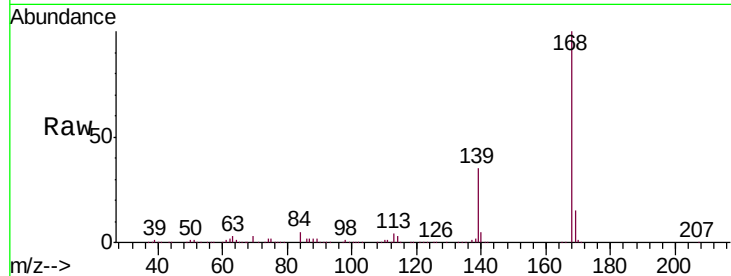




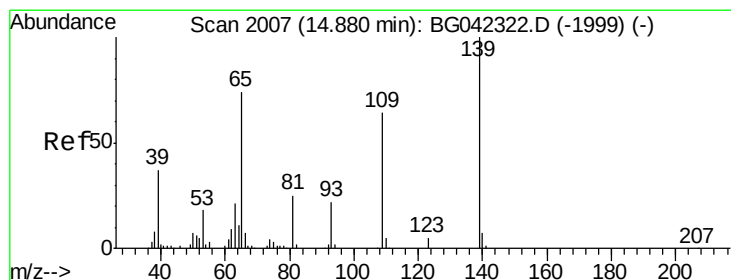
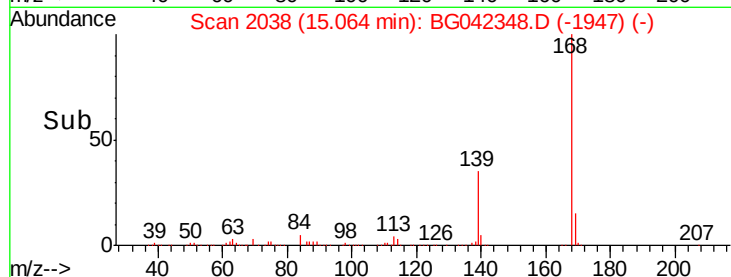
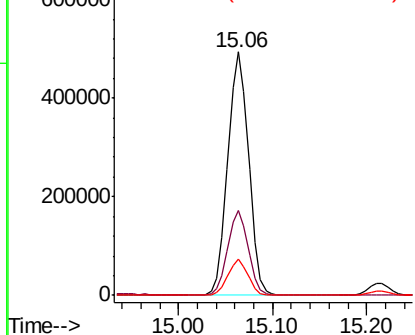
#55
Dibenzenofuran
Concen: 42.153 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

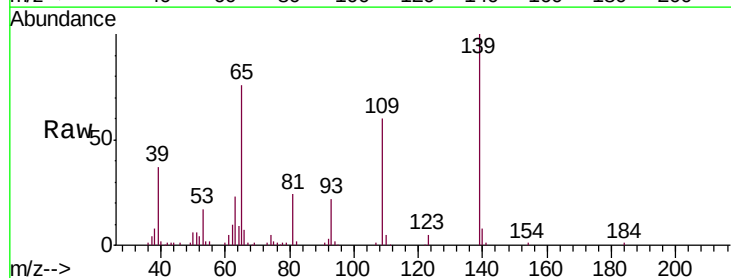


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

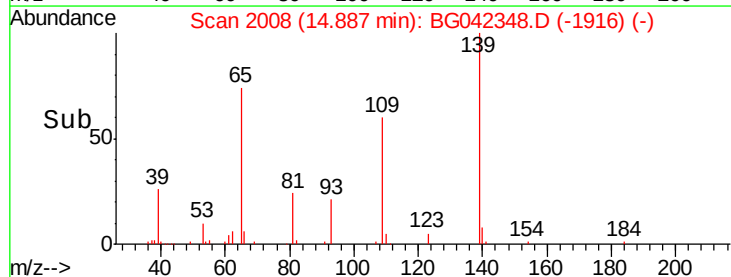
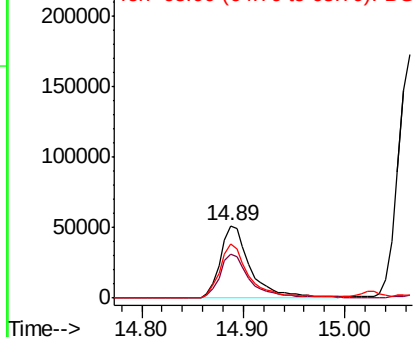


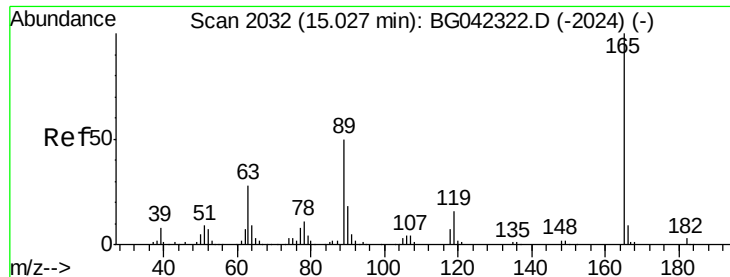
#56
4-Nitrophenol
Concen: 41.565 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

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



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

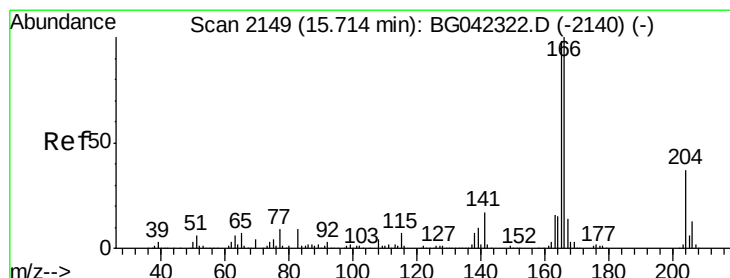
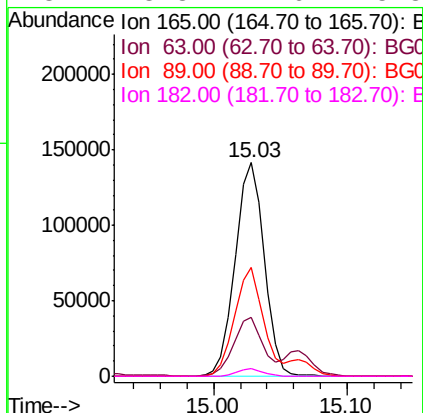
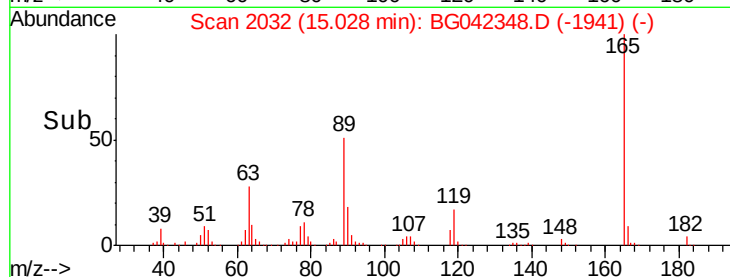
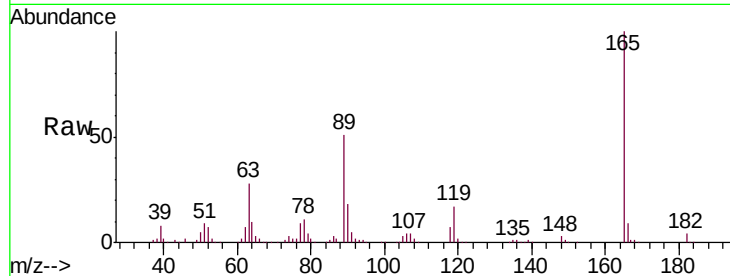




#57
 2,4-Dinitrotoluene
 Concen: 42.234 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

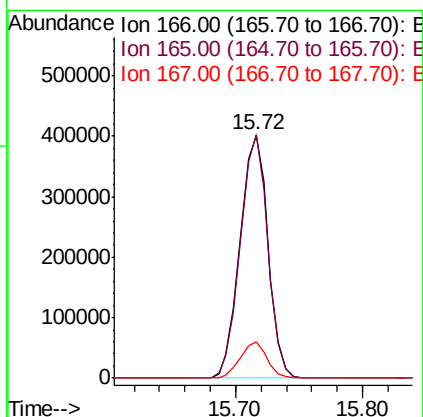
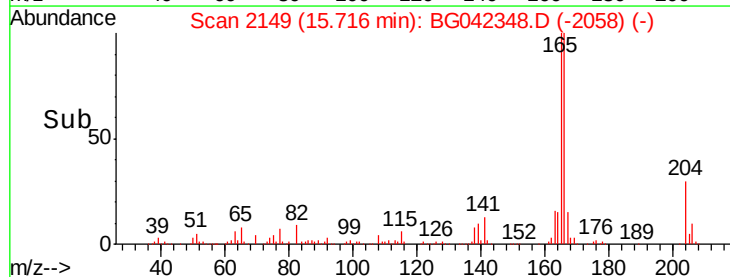
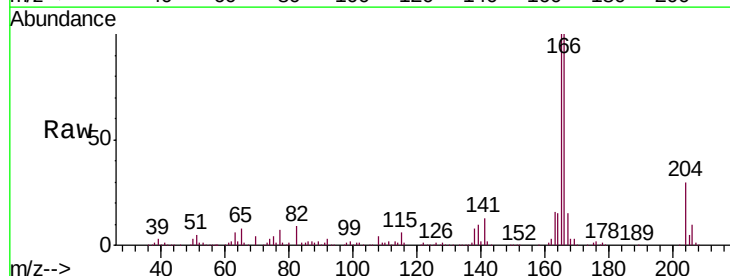
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

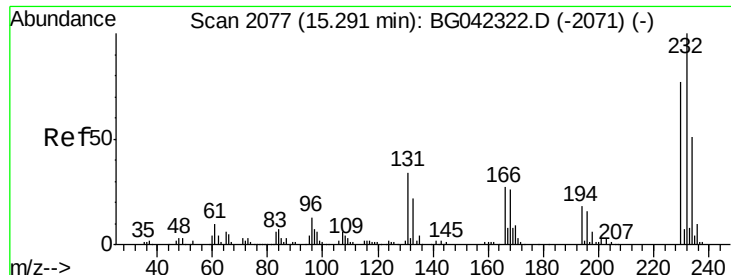
Tot Ion	Ratio	Lower	Upper
165	100		
63	27.7	22.4	33.6
89	51.1	40.2	60.2
182	3.8	2.6	3.8



#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

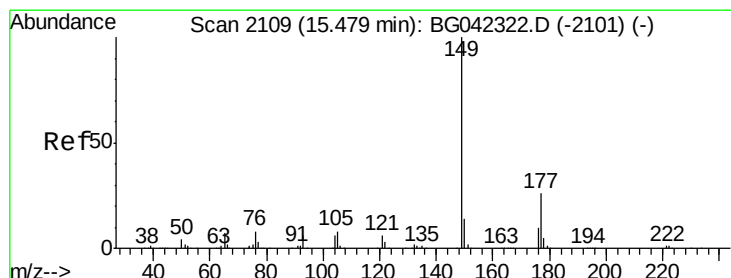
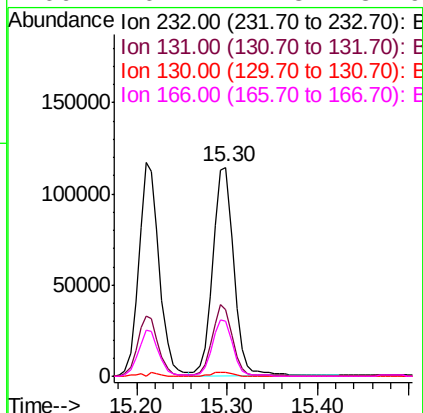
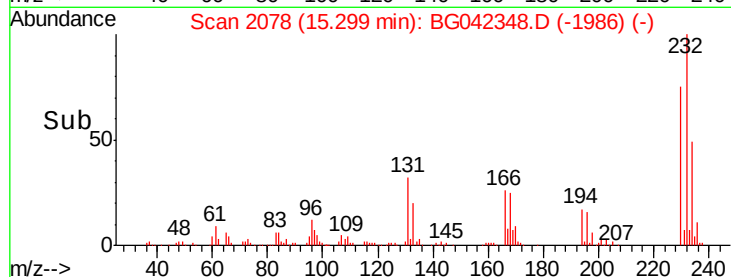
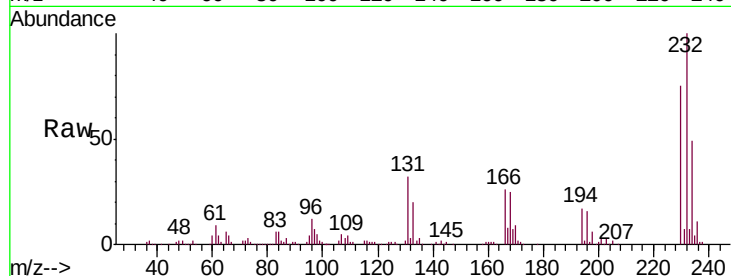




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.071 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

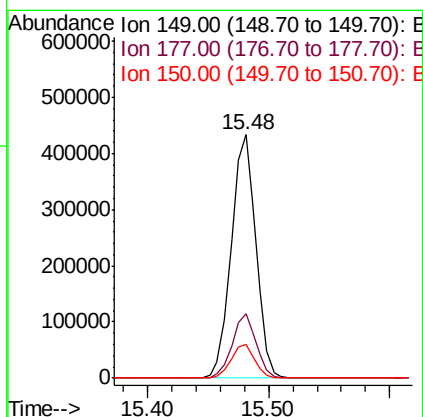
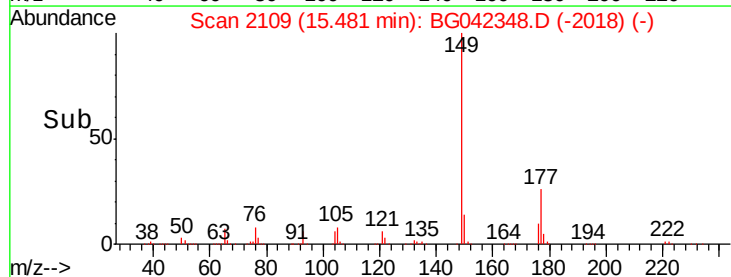
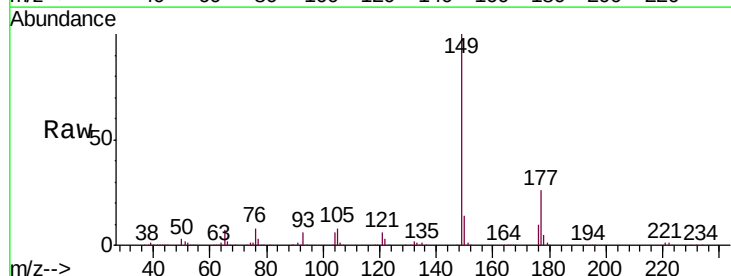
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

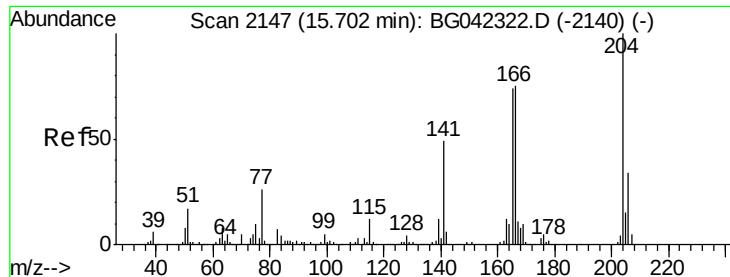
Tot Ion:	232	Resp:	183460
Ion	Ratio	Lower	Upper
232	100		
131	33.0	27.0	40.6
130	1.8	1.4	2.0
166	26.4	21.3	31.9



#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

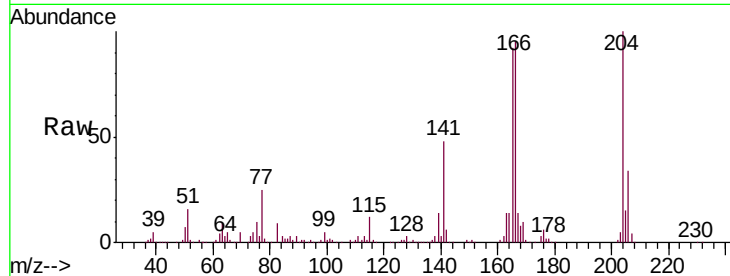




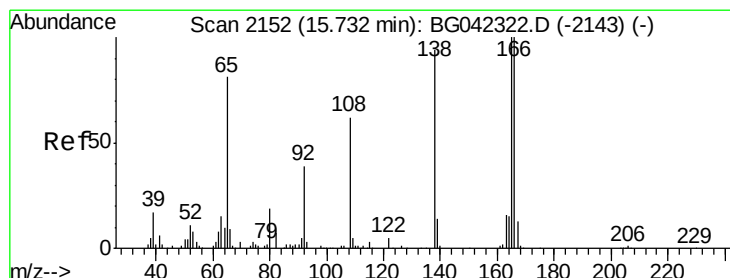
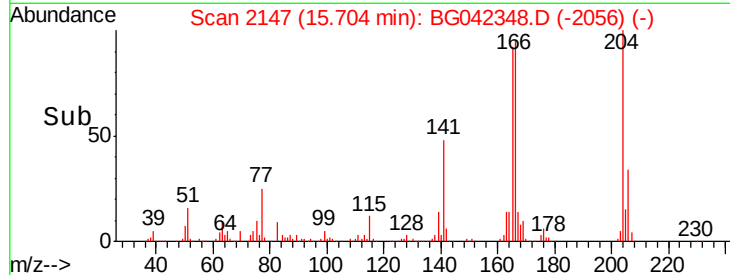
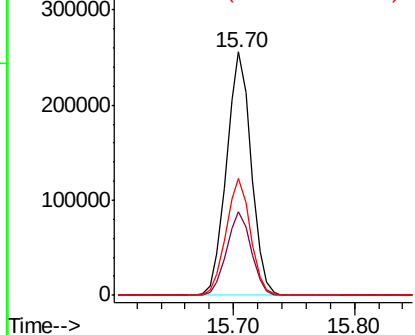
#61
4-Chlorophenyl-phenylether
Concen: 40.985 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

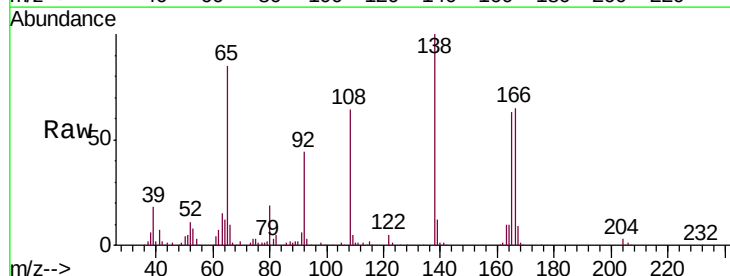


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

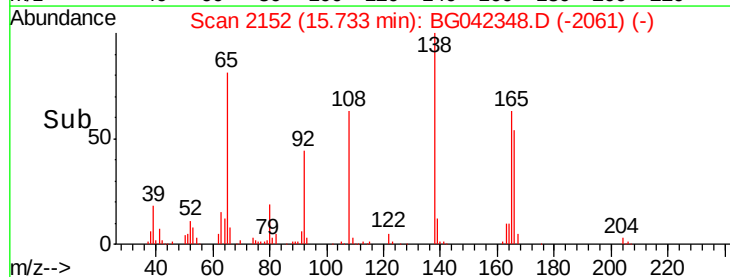
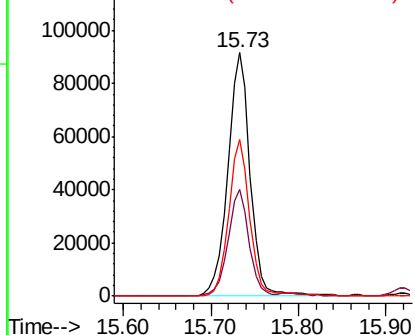


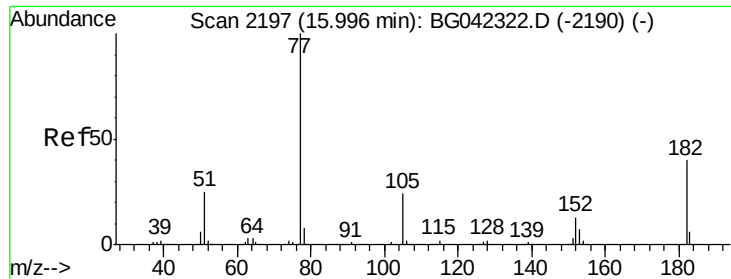
#62
4-Nitroaniline
Concen: 42.286 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Tgt Ion	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 :

SSTDCCC040

Tot Ion: 77 Resp: 434764

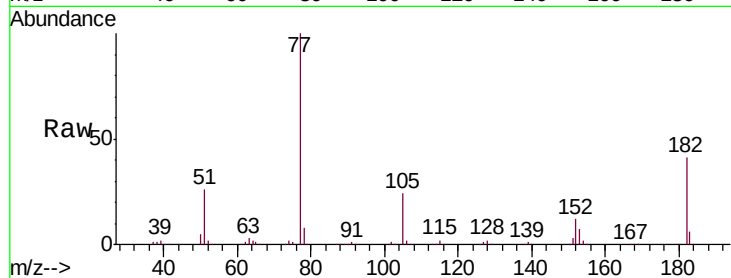
Ion Ratio Lower Upper

77 100

182 41.5 19.7 59.7

105 23.7 3.5 43.5

51 26.1 5.4 45.4

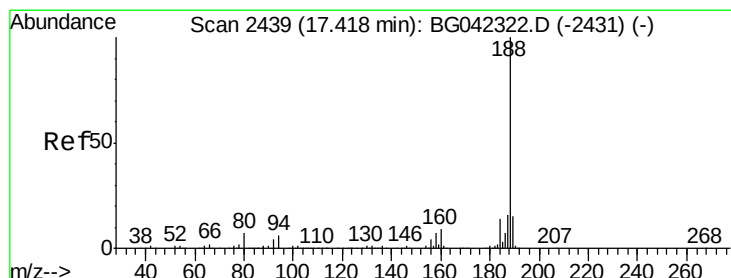
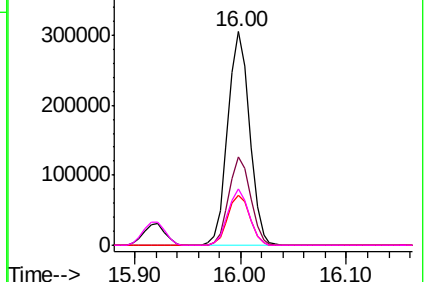
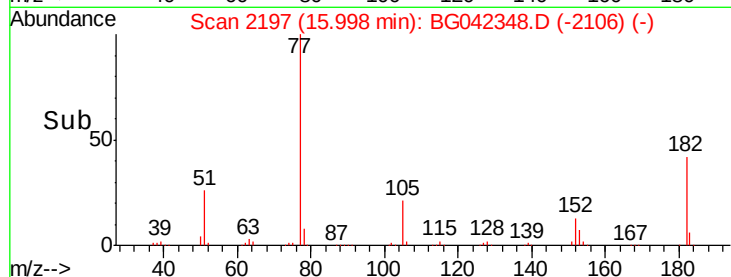


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

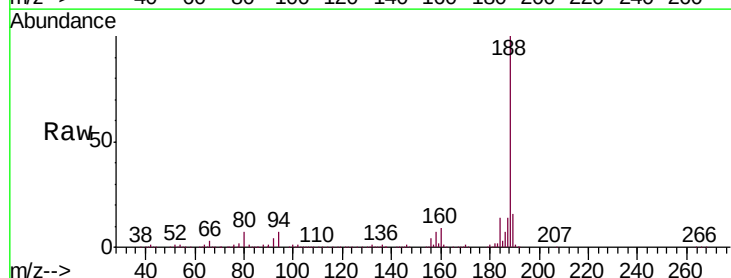
Tgt Ion: 188 Resp: 479422

Ion Ratio Lower Upper

188 100

94 6.6 4.9 7.3

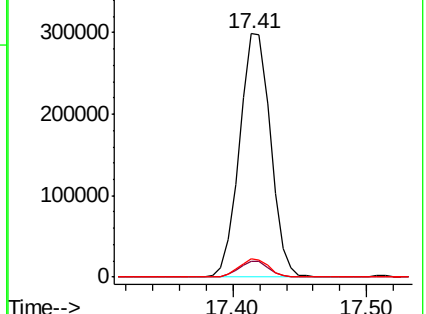
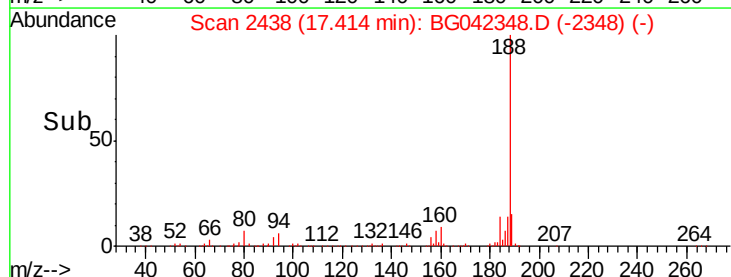
80 7.4 5.4 8.0

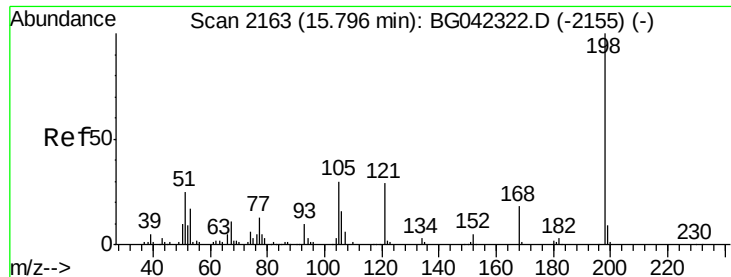


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

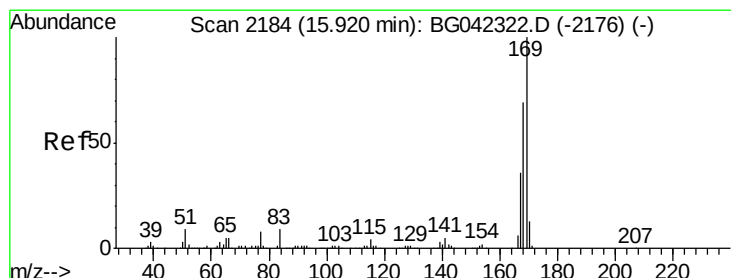
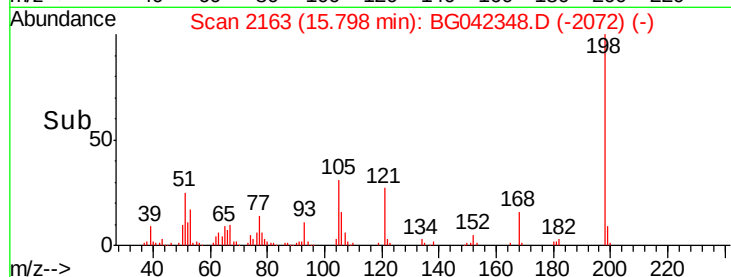
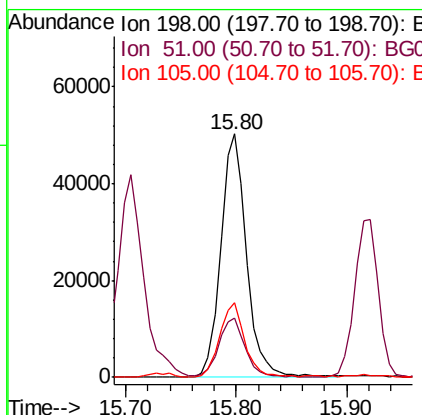
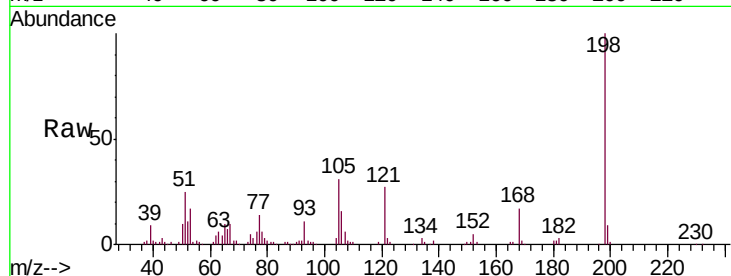




#65
4,6-Dinitro-2-methylphenol
Concen: 27.895 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

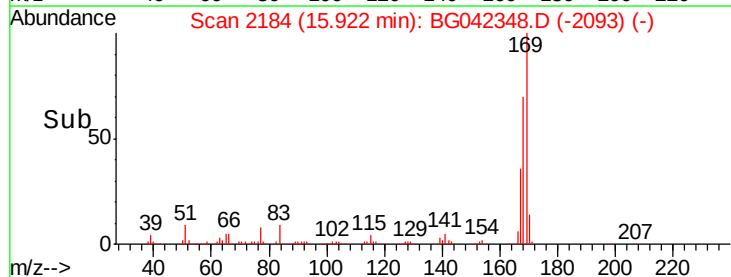
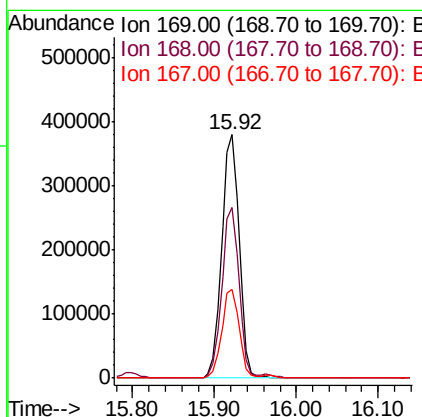
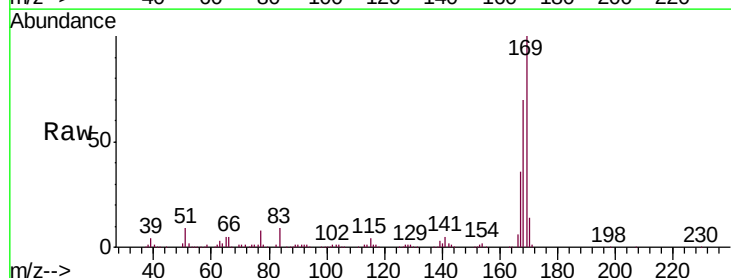
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

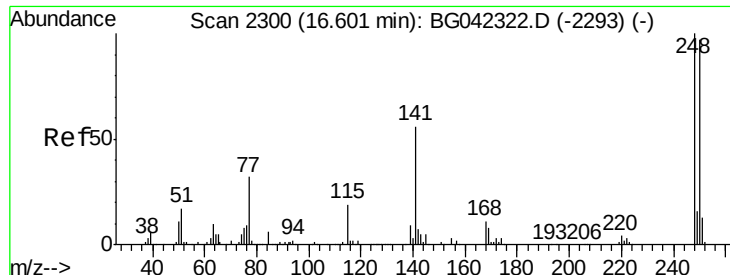
Tot Ion	Ratio	Lower	Upper
198	100		
51	24.5	6.4	46.4
105	30.5	10.0	50.0



#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	Ratio	Lower	Upper
169	100		
168	70.3	55.5	83.3
167	36.2	28.9	43.3

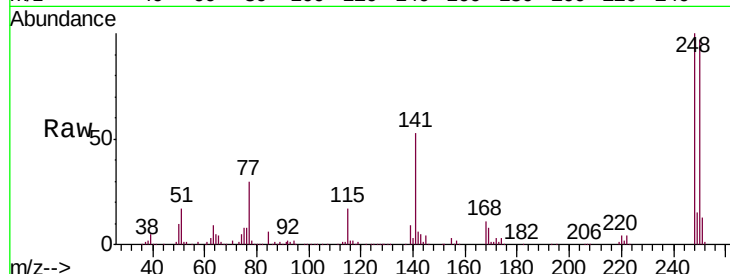




#67
 4-Bromophenyl-phenylether
 Concen: 41.031 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042348.D
 Acq: 20 Aug 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

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

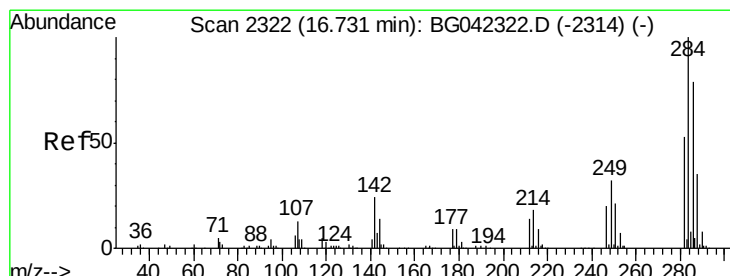
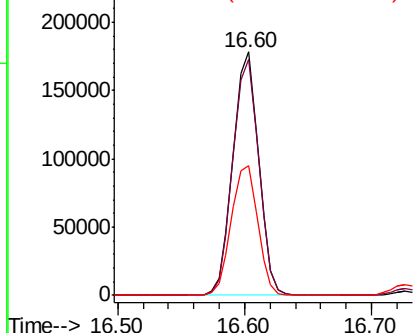
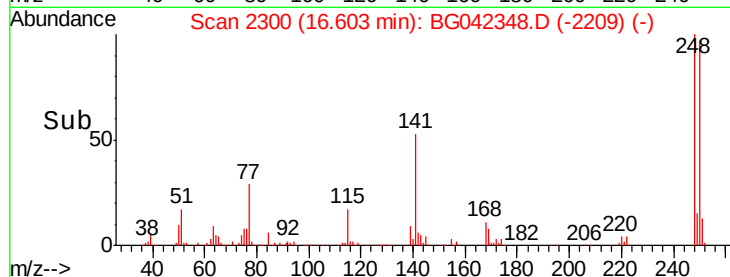


Abundance

Ion 248.00 (247.70 to 248.70): E

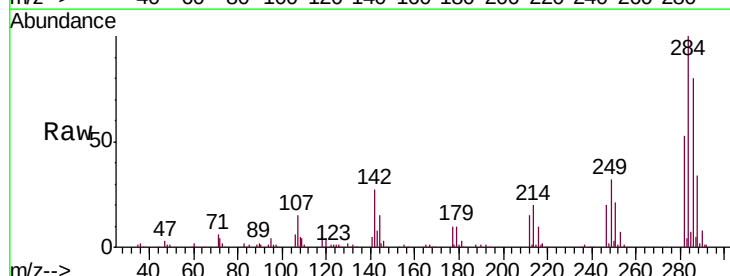
Ion 250.00 (249.70 to 250.70): E

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	Ratio	Lower	Upper
284	100		
142	26.9	19.0	28.4
249	32.4	25.9	38.9

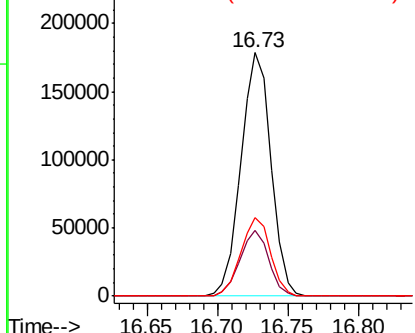
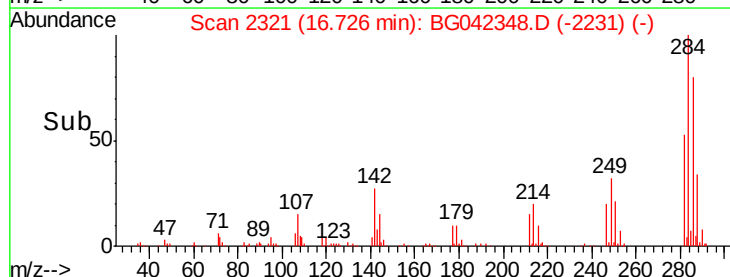


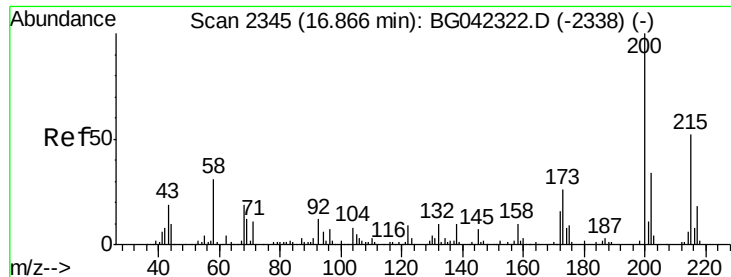
Abundance

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

ClientSampleId :

SSTDCCC040

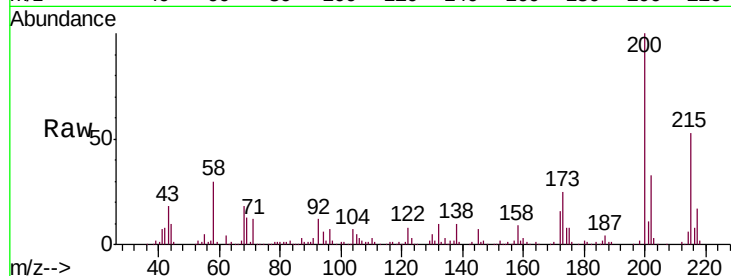
Tot Ion:200 Resp: 150042

Ion Ratio Lower Upper

200 100

173 25.3 6.0 46.0

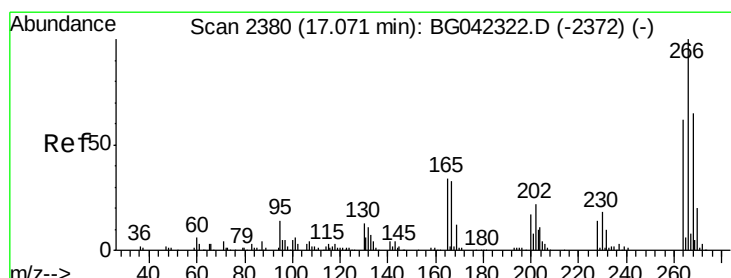
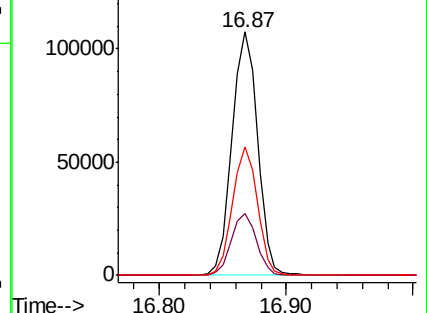
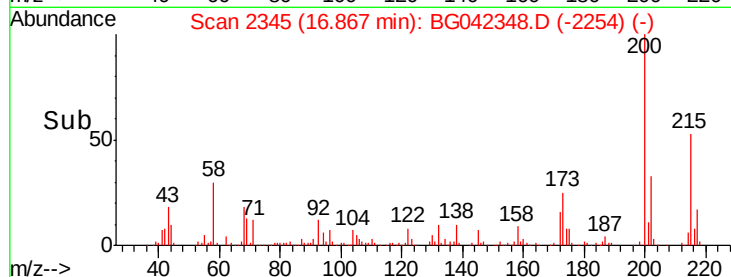
215 52.6 32.4 72.4



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

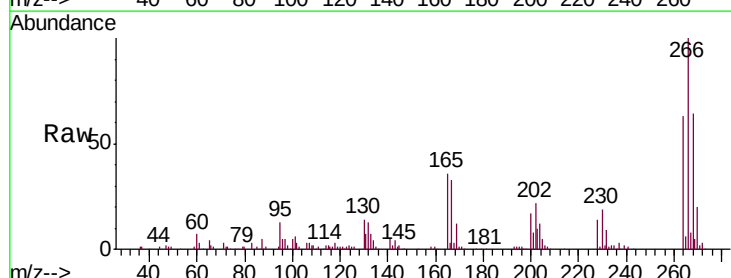
Tgt Ion:266 Resp: 128718

Ion Ratio Lower Upper

266 100

268 64.5 51.6 77.4

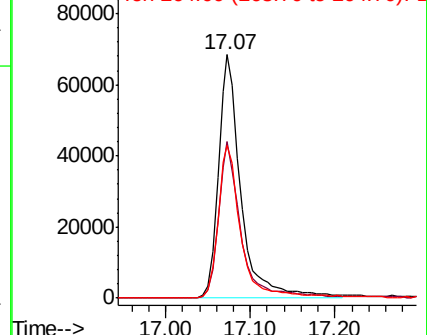
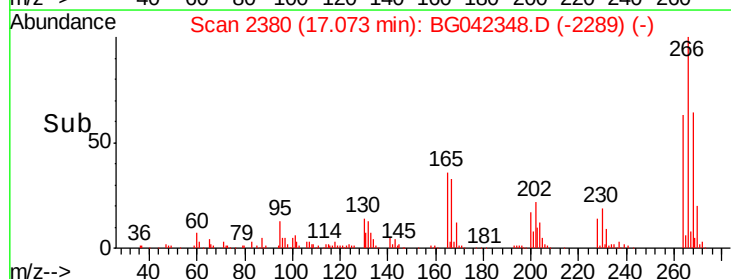
264 62.6 49.5 74.3

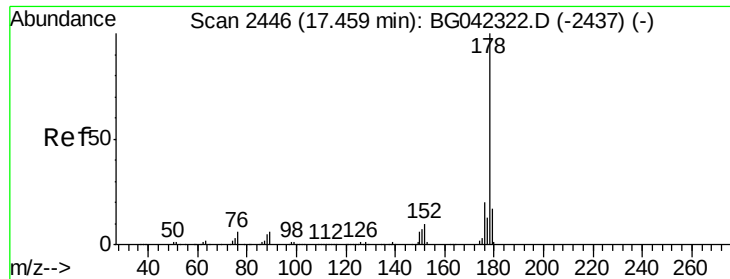


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

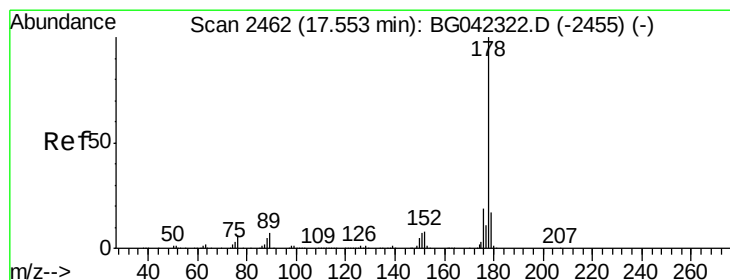
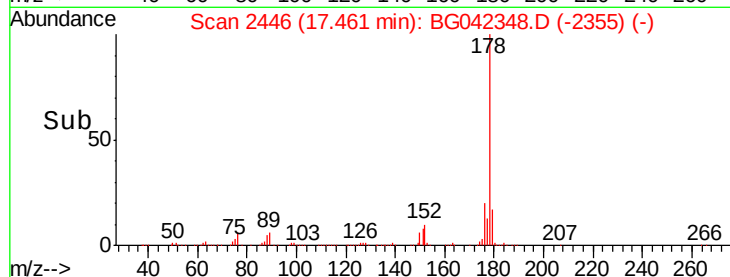
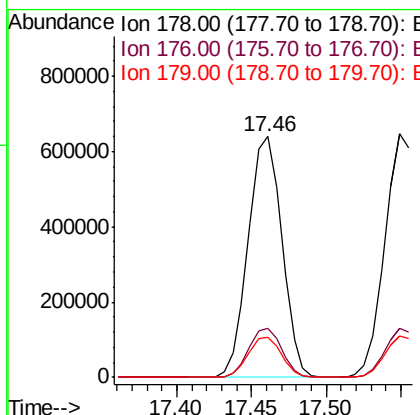
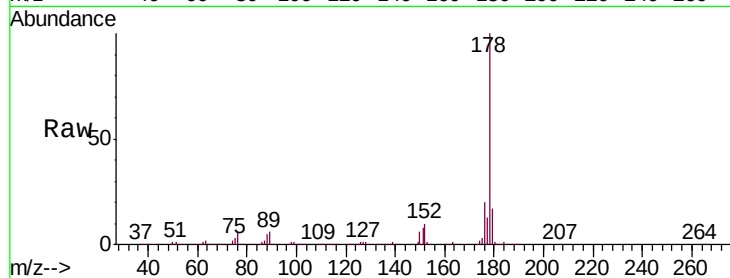




#71
Phenanthrene
Concen: 41.964 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

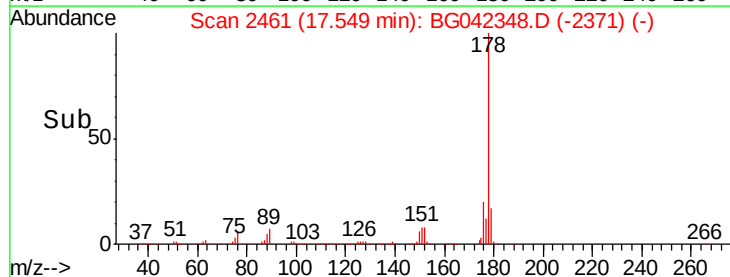
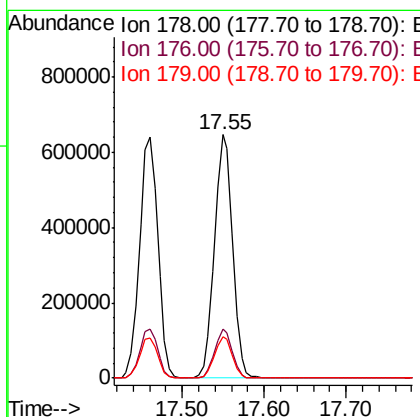
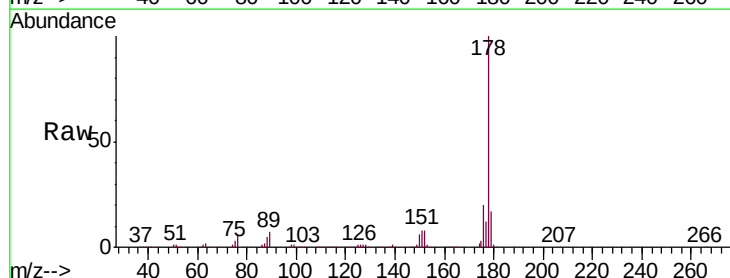
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

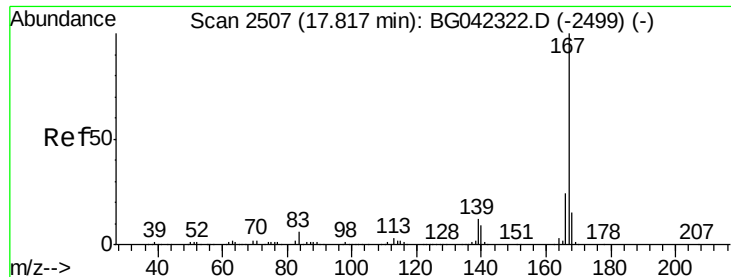
Tot Ion:178 Resp: 1001988
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.8 13.7 20.5



#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 :

SSTDCCC040

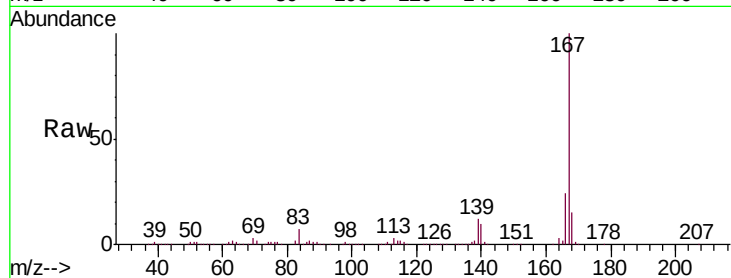
Tot Ion:167 Resp: 905923

Ion Ratio Lower Upper

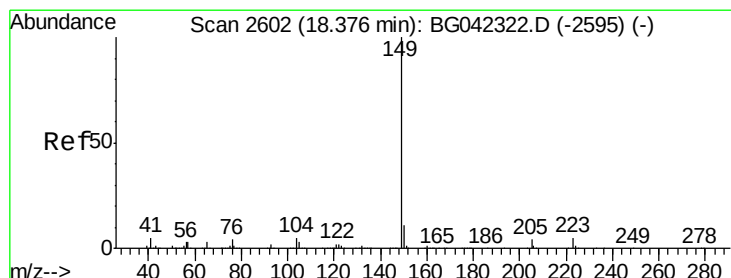
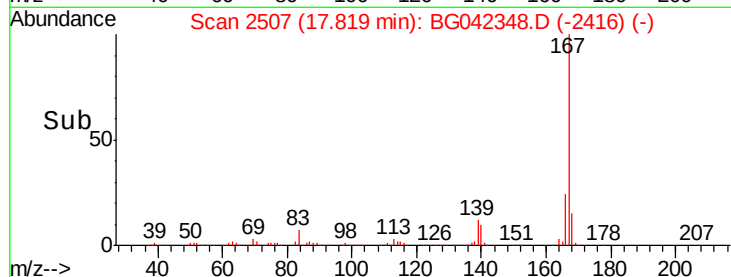
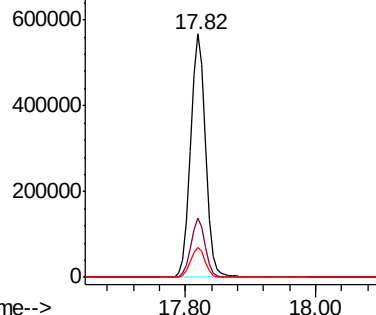
167 100

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

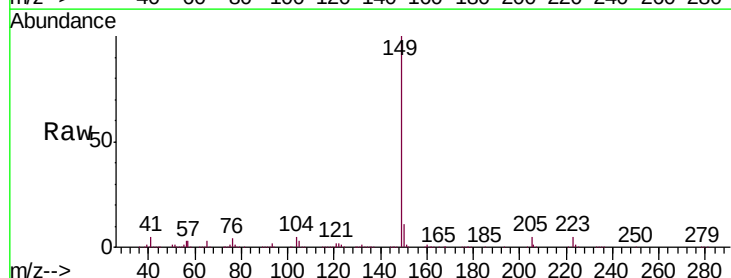
Tgt Ion:149 Resp: 1039403

Ion Ratio Lower Upper

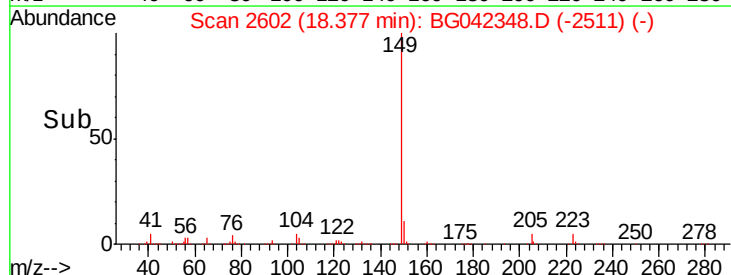
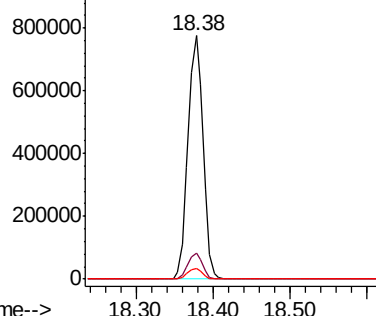
149 100

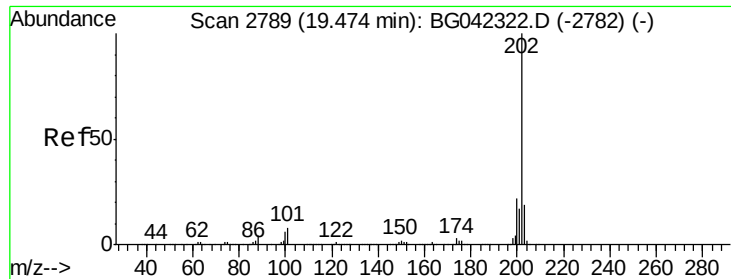
150 10.8 8.4 12.6

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

ClientSampleId :

SSTDCCC040

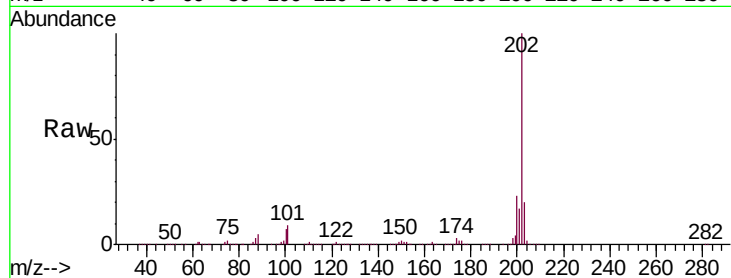
Tot Ion:202 Resp: 1214259

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.0

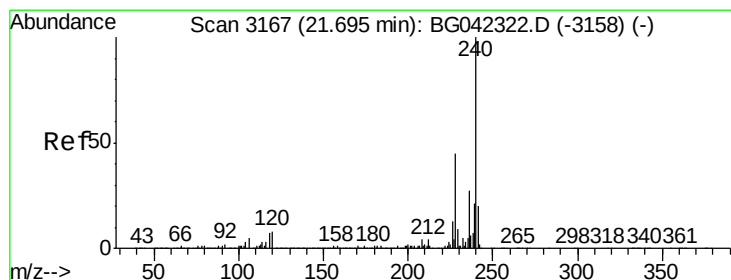
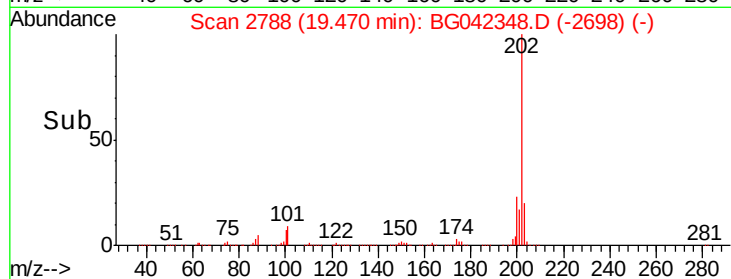
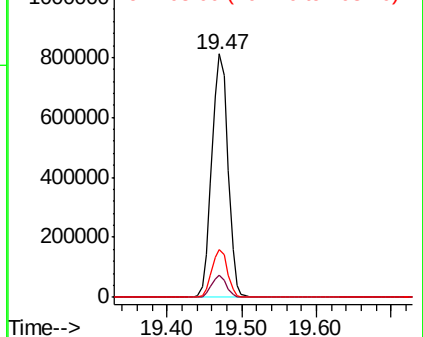
203 19.7 0.0 39.1



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

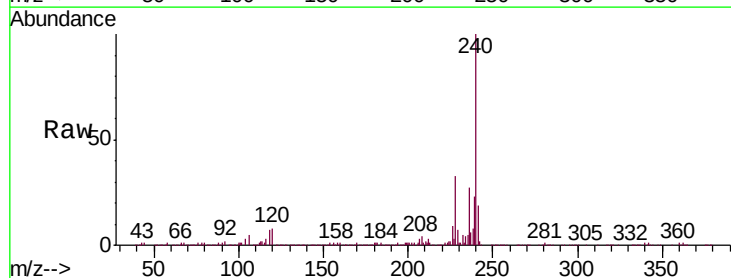
Tgt Ion:240 Resp: 468494

Ion Ratio Lower Upper

240 100

120 7.8 6.0 9.0

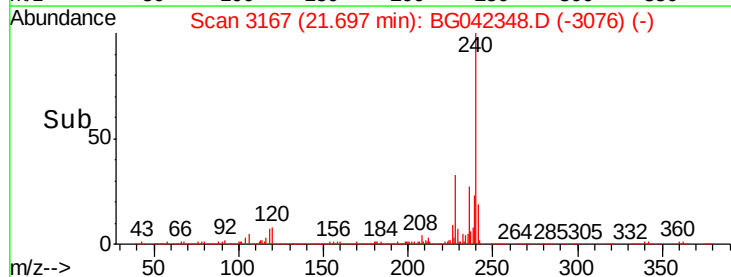
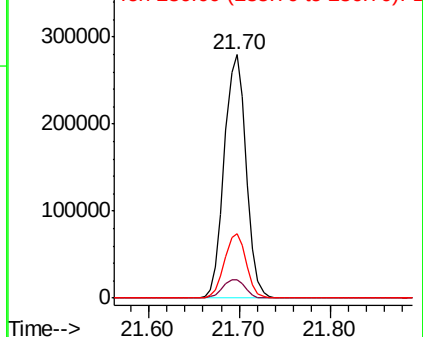
236 26.5 21.6 32.4

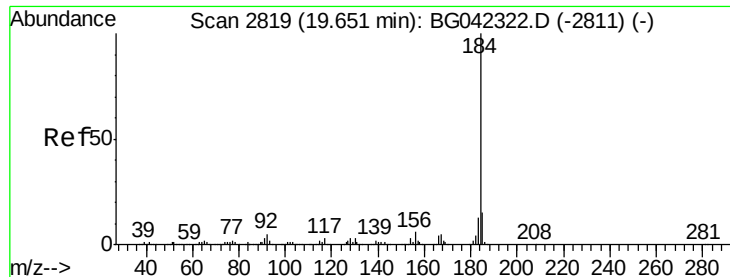


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

SSTDCCC040

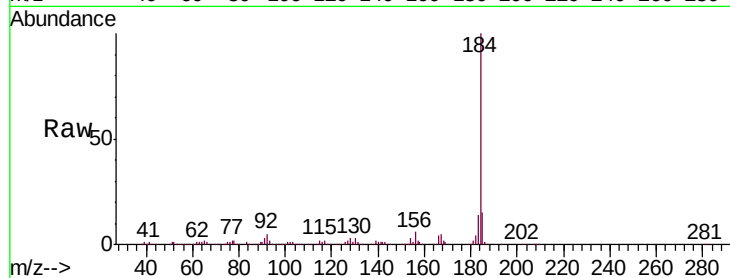
Tot Ion:184 Resp: 501072

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

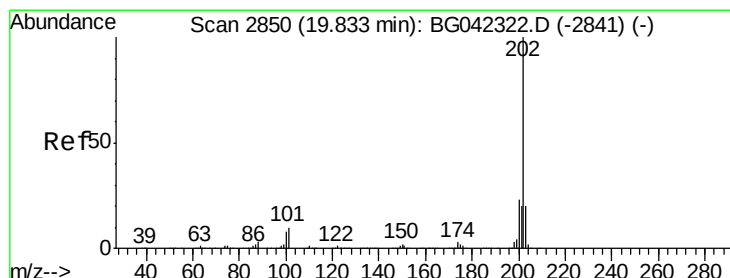
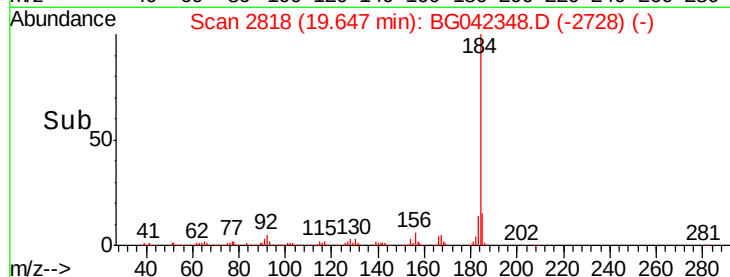
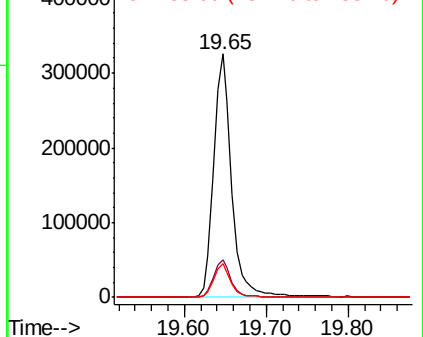
183 13.6 10.6 15.8



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

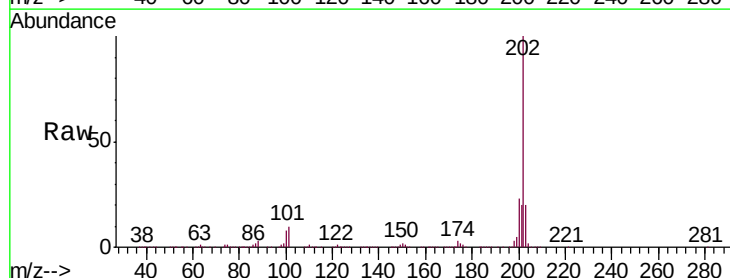
Tgt Ion:202 Resp: 1206807

Ion Ratio Lower Upper

202 100

200 23.2 18.1 27.1

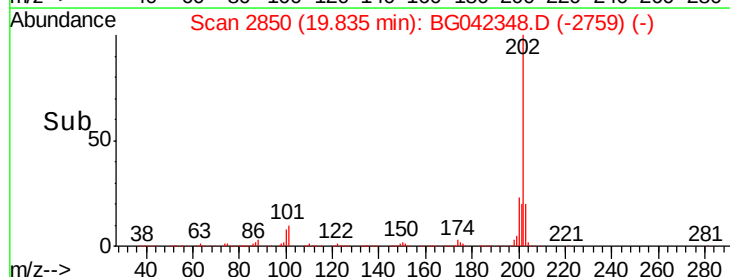
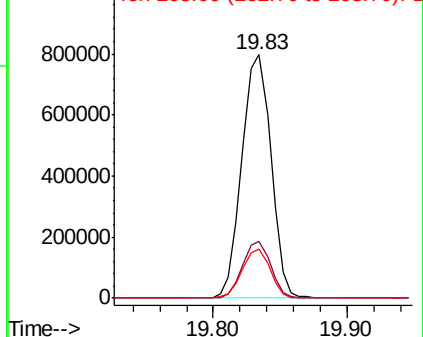
203 19.9 15.8 23.8

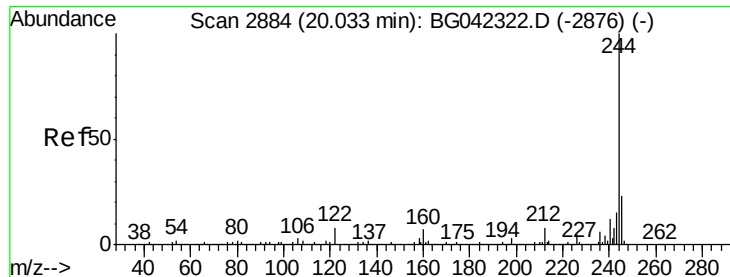


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

SSTDCCC040

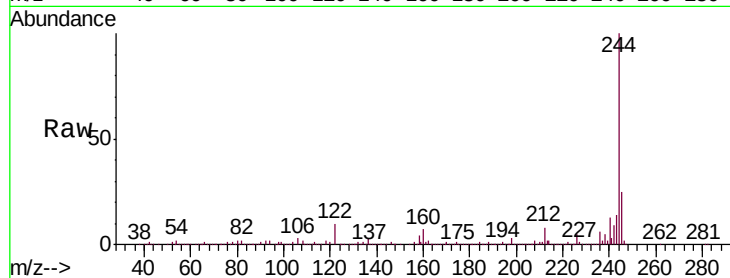
Tot Ion:244 Resp: 1706833

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

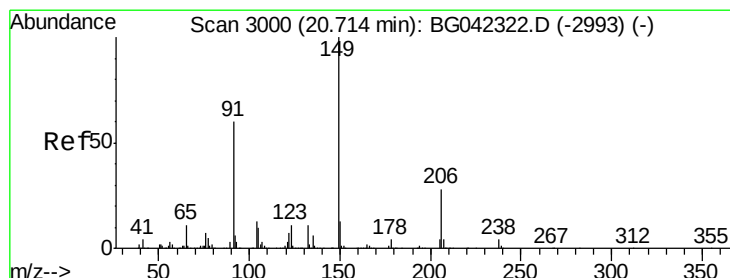
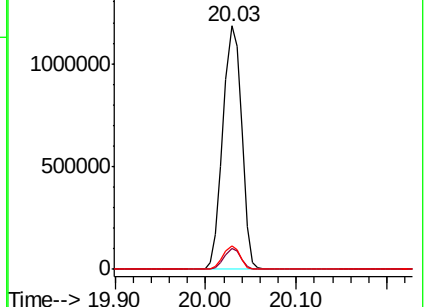
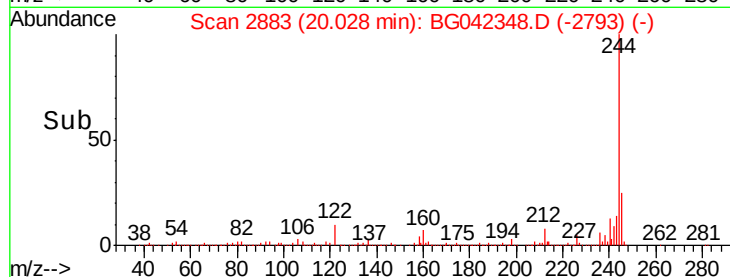
122 9.8 6.6 10.0



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

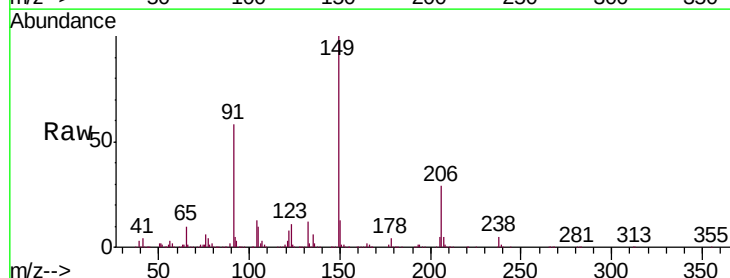
Tgt Ion:149 Resp: 480019

Ion Ratio Lower Upper

149 100

91 58.2 47.8 71.6

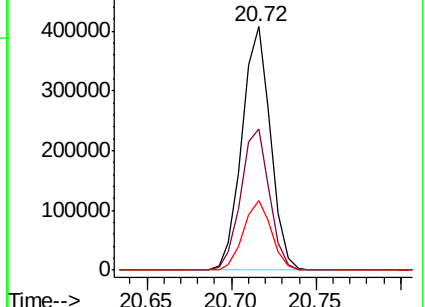
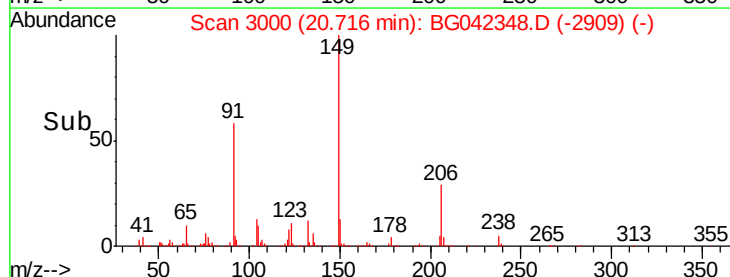
206 28.6 22.6 33.8

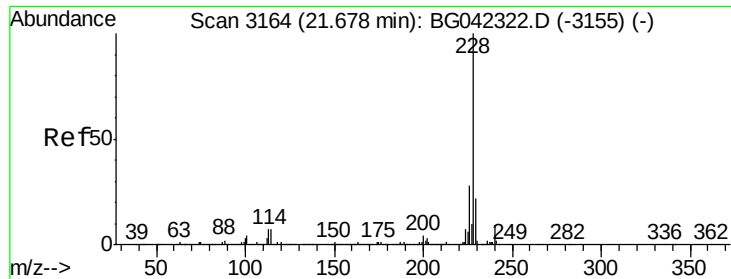


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

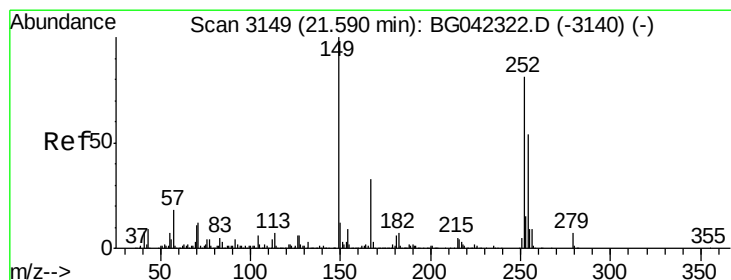
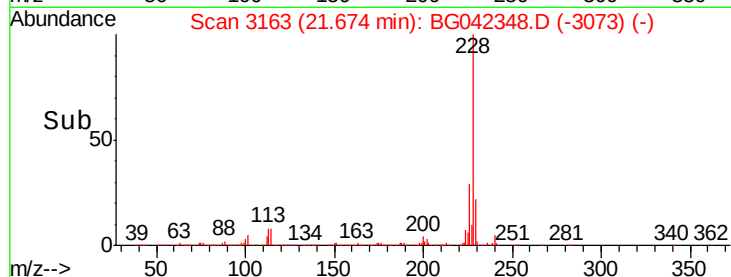
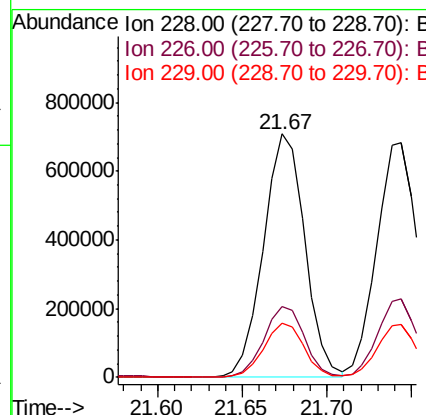
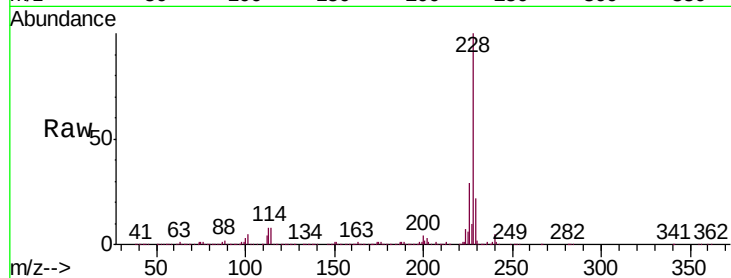




#81
Benzo(a)anthracene
Concen: 41.911 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

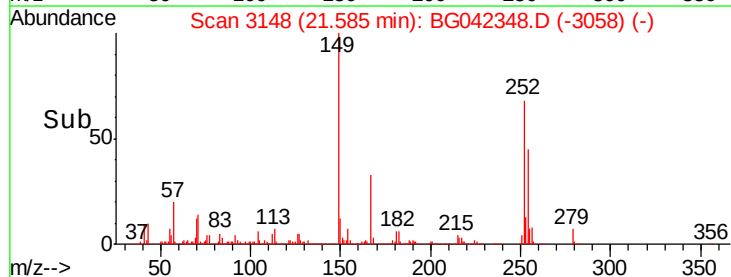
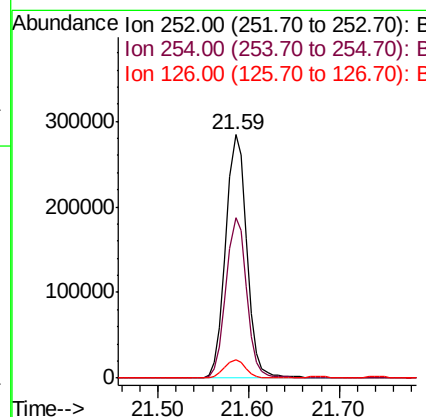
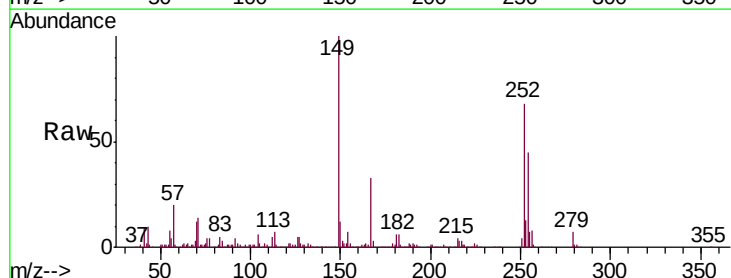
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

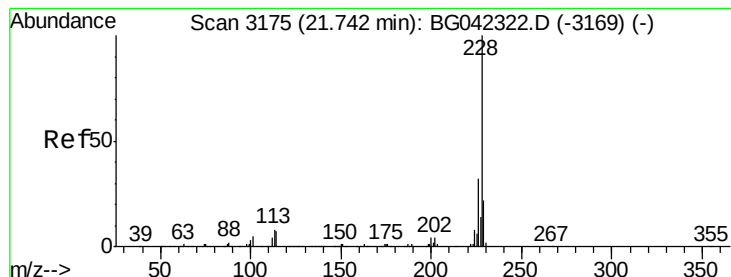
Tot Ion:228 Resp: 1205797
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 22.0 17.4 26.2



#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





#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 :

SSTDCCC040

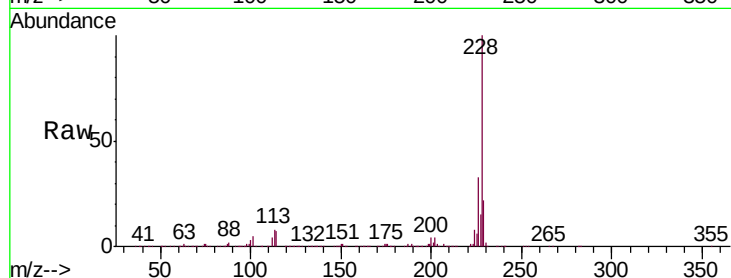
Tot Ion:228 Resp: 1158491

Ion Ratio Lower Upper

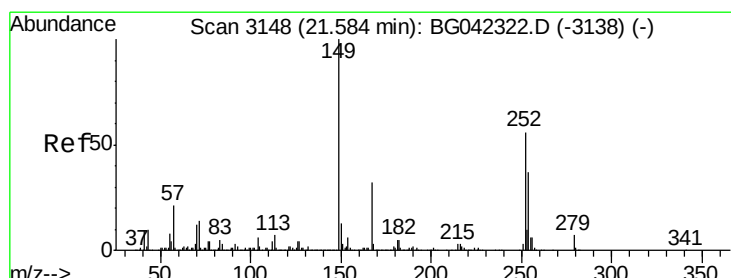
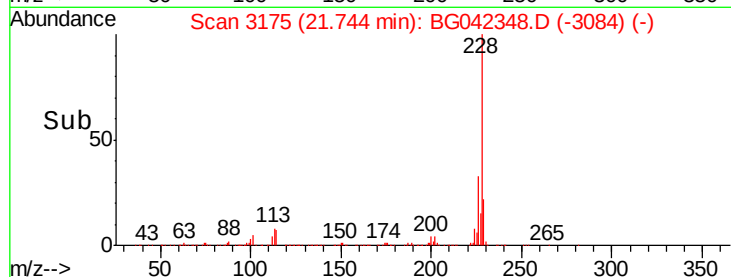
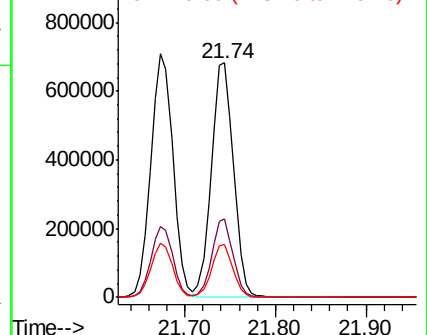
228 100

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

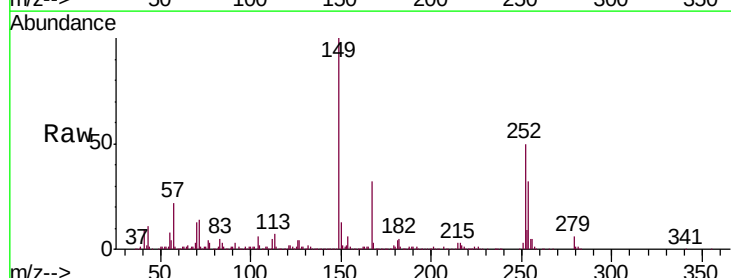
Tgt Ion:149 Resp: 674000

Ion Ratio Lower Upper

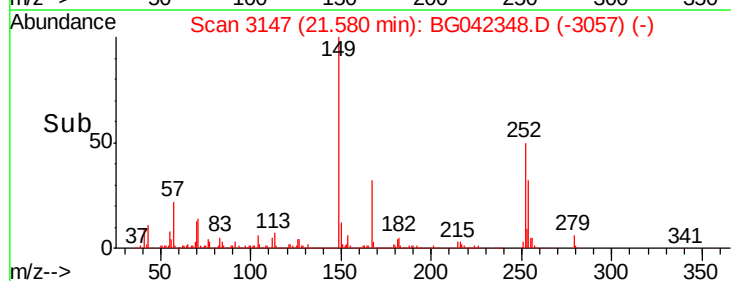
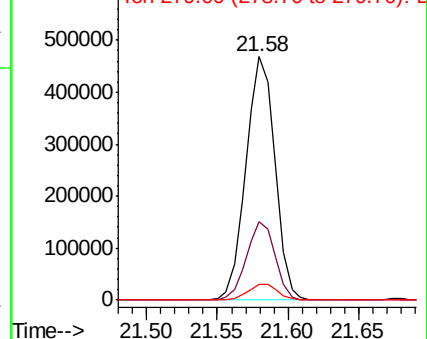
149 100

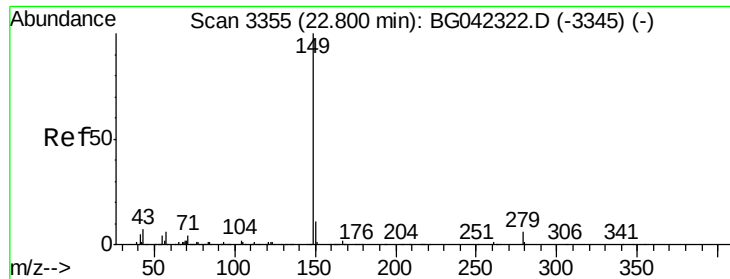
167 32.1 25.4 38.0

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 :

SSTDCCC040

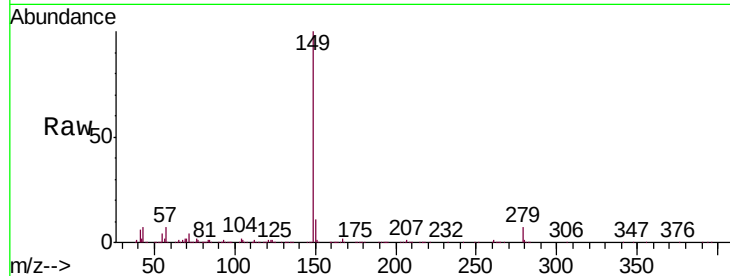
Tot Ion:149 Resp: 1155044

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

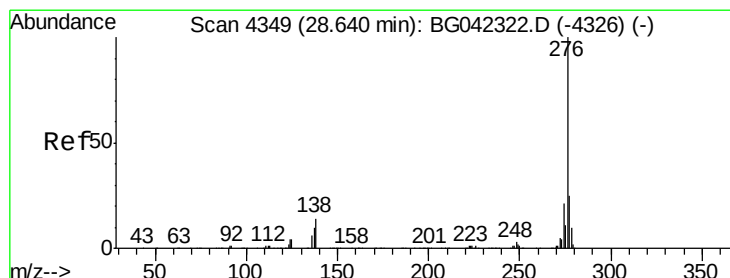
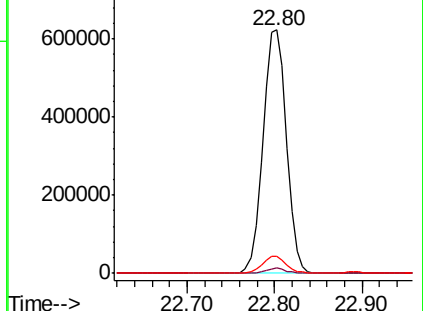
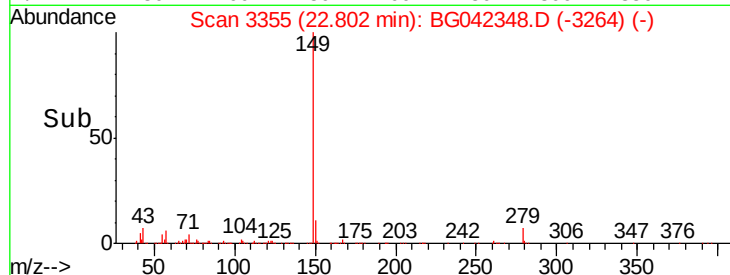
43 6.9 5.4 8.2



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

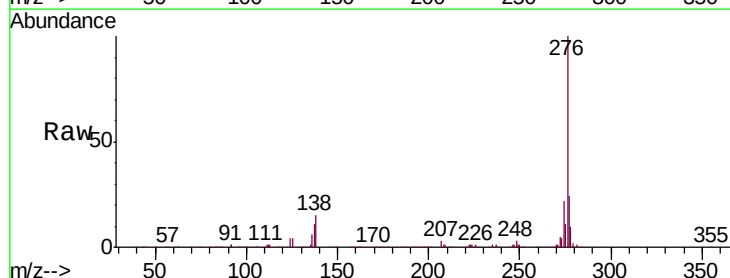
Tgt Ion:276 Resp: 1543896

Ion Ratio Lower Upper

276 100

138 18.7 14.5 21.7

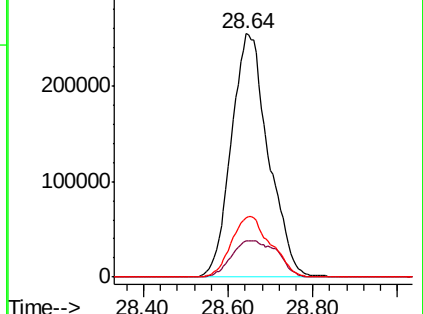
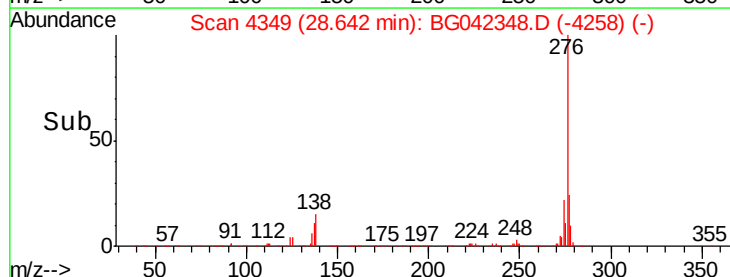
277 26.4 21.0 31.4

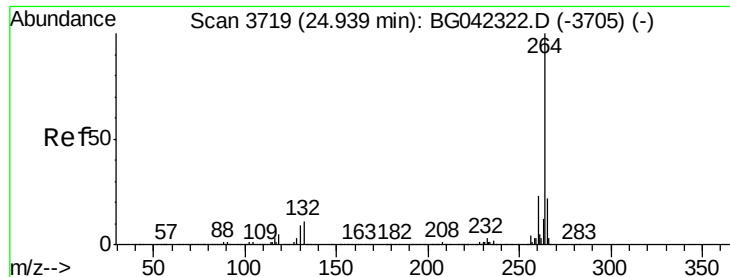


Abundance Ion 276.00 (275.70 to 276.70): E

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 :

SSTDCCC040

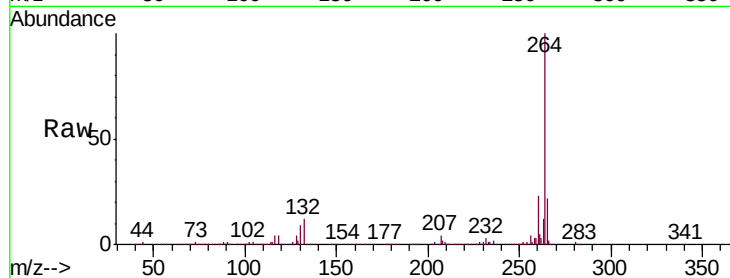
Tot Ion:264 Resp: 569969

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

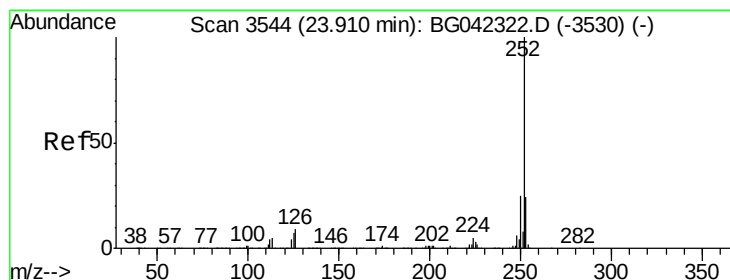
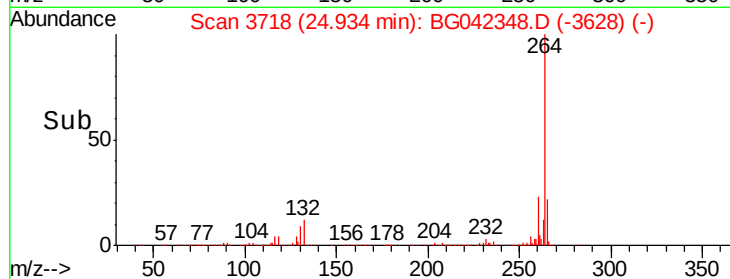
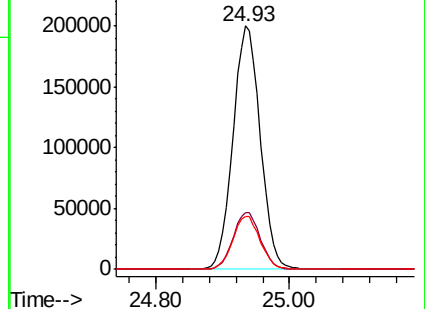
265 21.9 17.4 26.0



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

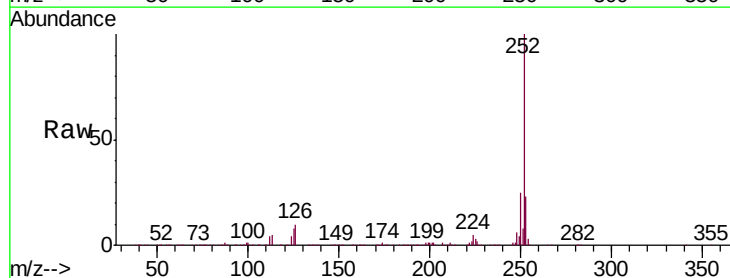
Tgt Ion:252 Resp: 1303893

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

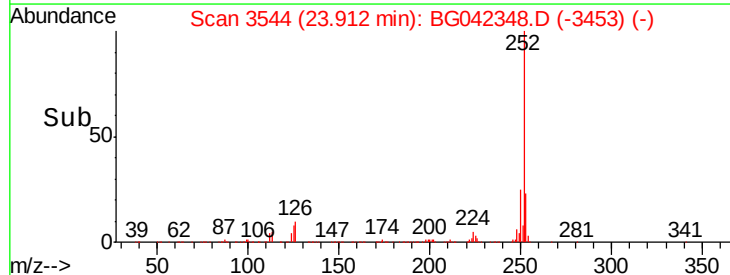
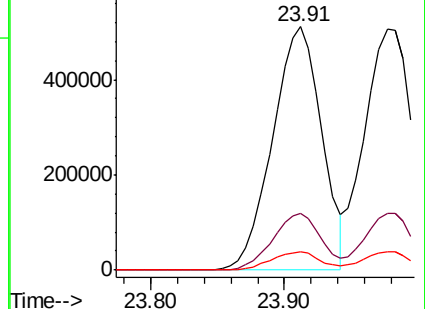
125 7.6 5.8 8.6

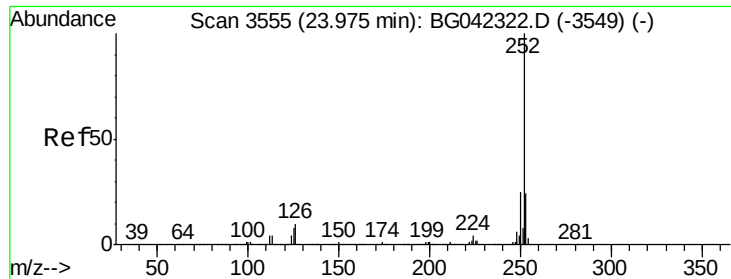


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

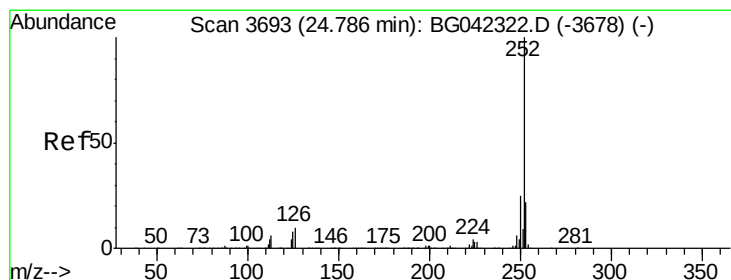
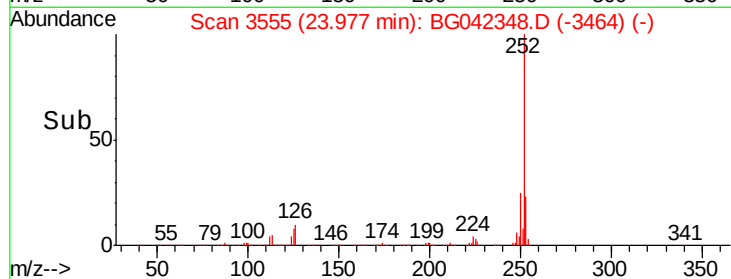
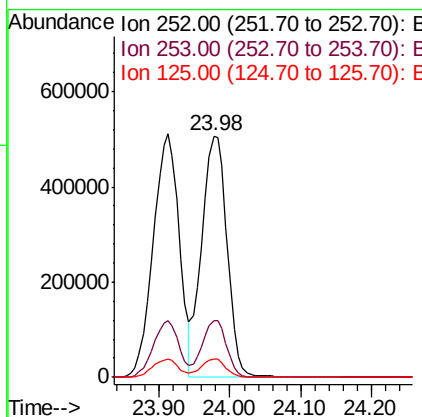
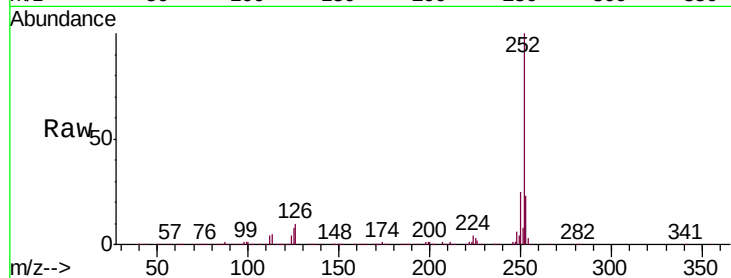




#89
Benzo(k)fluoranthene
Concen: 41.344 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

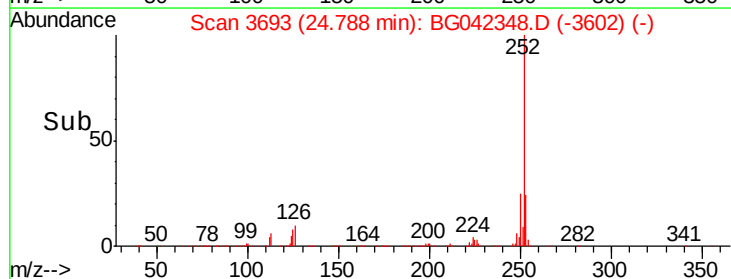
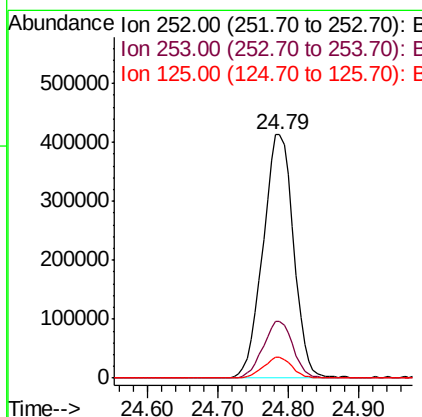
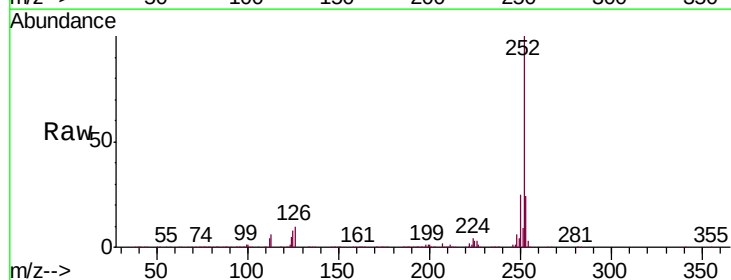
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

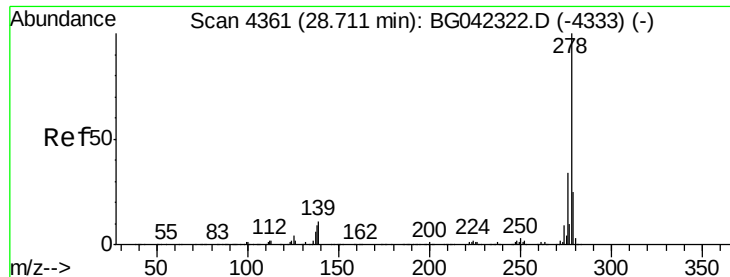
Tot Ion:252 Resp: 1266125
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.4
125 7.8 6.0 9.0



#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



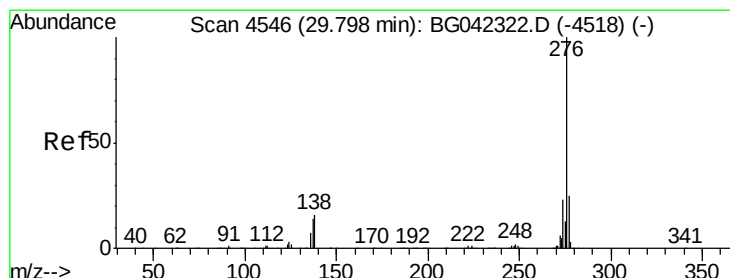
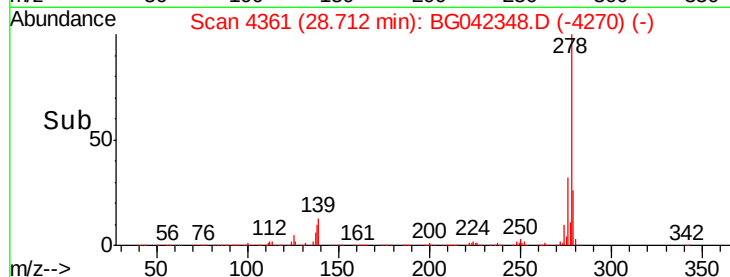
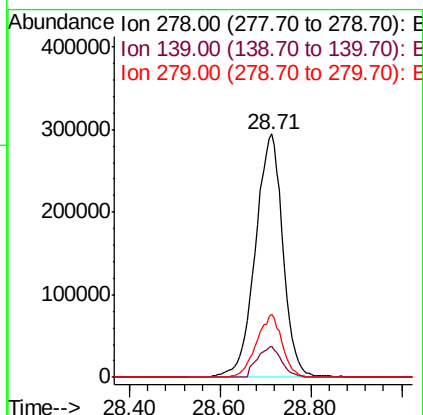
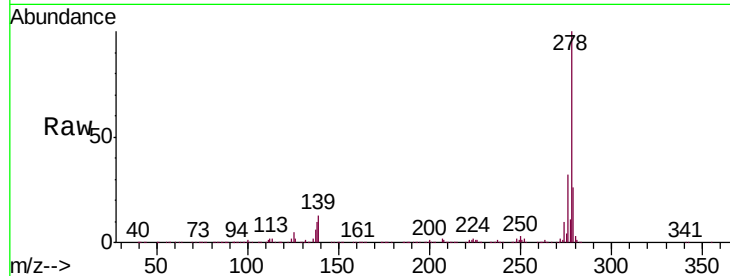


#91
Dibenzo(a,h)anthracene
Concen: 41.410 ng
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042348.D
Acq: 20 Aug 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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



#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

