

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042455.D
 Acq On : 24 Aug 2019 7:02
 Operator : HP/JU
 Sample : K4477-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 04:57:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	67127	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	261505	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	180141	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	393800	20.00	ng	0.00
76) Chrysene-d12	21.69	240	391710	20.00	ng	0.00
87) Perylene-d12	24.94	264	462527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	481744	145.35	ng	0.00
7) Phenol-d6	7.17	99	658905	147.17	ng	0.00
23) Nitrobenzene-d5	9.17	82	375235	99.16	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	307455	120.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	942775	88.51	ng	0.00
79) Terphenyl-d14	20.03	244	1482446	81.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	53643	38.782	ng	95
3) Pyridine	3.82	79	138061	38.926	ng	97
4) n-Nitrosodimethylamine	3.73	42	57590	45.461	ng	97
6) Aniline	7.32	93	196559	32.917	ng	100
8) 2-Chlorophenol	7.57	128	186839	46.514	ng	97
9) Benzaldehyde	7.13	77	68638	30.623	ng	96
10) Phenol	7.20	94	218163	47.927	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	166104	46.463	ng	98
12) 1,3-Dichlorobenzene	7.89	146	213046	41.692	ng	98
13) 1,4-Dichlorobenzene	8.03	146	213142	41.179	ng	95
14) 1,2-Dichlorobenzene	8.36	146	205230	41.404	ng	99
15) Benzyl Alcohol	8.24	79	141682	43.987	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	221285	45.668	ng	99
17) 2-Methylphenol	8.45	107	153171	45.684	ng	93
18) Hexachloroethane	9.09	117	70881	40.001	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	123828	42.692	ng	98
20) 3+4-Methylphenols	8.79	107	210397	45.350	ng	97
22) Acetophenone	8.83	105	259148	46.333	ng	100
24) Nitrobenzene	9.22	77	183170	47.799	ng	99
25) Isophorone	9.74	82	339840	45.505	ng	97
26) 2-Nitrophenol	9.93	139	109206	45.476	ng	96
27) 2,4-Dimethylphenol	9.99	122	173645	52.493	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	217743	46.259	ng	99
29) 2,4-Dichlorophenol	10.47	162	204251	47.193	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	224719	42.301	ng	99
31) Naphthalene	10.87	128	558192	45.976	ng	99
32) Benzoic acid	10.16	122	96488	41.520	ng	98
33) 4-Chloroaniline	10.98	127	150643	26.878	ng	96
34) Hexachlorobutadiene	11.17	225	142703	39.970	ng	98
35) Caprolactam	11.76	113	36157	25.037	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	190700	46.416	ng	99
37) 2-Methylnaphthalene	12.49	142	439201	45.052	ng	99
38) 1-Methylnaphthalene	12.71	142	409284	44.199	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	266284	46.030	ng	99

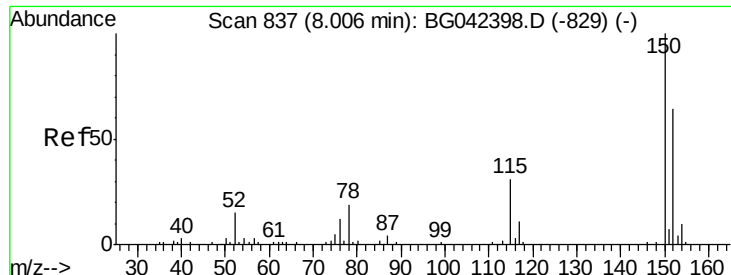
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042455.D
 Acq On : 24 Aug 2019 7:02
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	142040	46.742	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	178007	45.523	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	188723	46.574	ng	96
46) 1,1'-Biphenyl	13.49	154	550401	47.267	ng	99
47) 2-Chloronaphthalene	13.54	162	452376	45.055	ng	98
48) 2-Nitroaniline	13.74	65	116679	48.190	ng	97
49) Acenaphthylene	14.39	152	711410	47.095	ng	99
50) Dimethylphthalate	14.12	163	722317	55.572	ng	100
51) 2,6-Dinitrotoluene	14.23	165	133304	44.246	ng	97
52) Acenaphthene	14.73	154	416377	45.394	ng	99
53) 3-Nitroaniline	14.56	138	108643	36.057	ng	96
54) 2,4-Dinitrophenol	14.78	184	64912	35.722	ng	98
55) Dibenzofuran	15.06	168	693374	45.668	ng	98
56) 4-Nitrophenol	14.89	139	236632	110.523	ng	98
57) 2,4-Dinitrotoluene	15.03	165	189834	44.001	ng	92
58) Fluorene	15.71	166	559010	45.040	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	175368	43.763	ng	97
60) Diethylphthalate	15.48	149	547528	43.092	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	319494	42.703	ng	98
62) 4-Nitroaniline	15.73	138	129624	40.196	ng	99
63) Azobenzene	16.00	77	426656	49.004	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	60406	24.466	ng	94
66) n-Nitrosodiphenylamine	15.92	169	513199	47.388	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	219736	43.990	ng	98
68) Hexachlorobenzene	16.72	284	225703	41.566	ng	# 94
69) Atrazine	16.87	200	190931	49.855	ng	99
70) Pentachlorophenol	17.07	266	270709	95.950	ng	97
71) Phenanthrene	17.46	178	924894	47.283	ng	98
72) Anthracene	17.55	178	942054	48.243	ng	98
73) Carbazole	17.82	167	828322	47.595	ng	98
74) Di-n-butylphthalate	18.38	149	974553	47.371	ng	99
75) Fluoranthene	19.47	202	1157574	48.490	ng	98
77) Benzidine	19.64	184	664785	59.195	ng	99
78) Pyrene	19.83	202	1150289	47.898	ng	98
80) Butylbenzylphthalate	20.71	149	457442	48.428	ng	99
81) Benzo(a)anthracene	21.68	228	1103173	46.296	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	372365	38.855	ng	# 98
83) Chrysene	21.74	228	1067996	46.474	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	634588	48.386	ng	99
85) Di-n-octyl phthalate	22.79	149	1099120	48.727	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1341923	42.969	ng	# 93
88) Benzo(b)fluoranthene	23.91	252	1176660	46.274	ng	98
89) Benzo(k)fluoranthene	23.97	252	1186353	48.538	ng	98
90) Benzo(a)pyrene	24.79	252	1186600	49.177	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1118615	45.787	ng	98
92) Benzo(g,h,i)perylene	29.81	276	1062707	43.492	ng	# 96

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

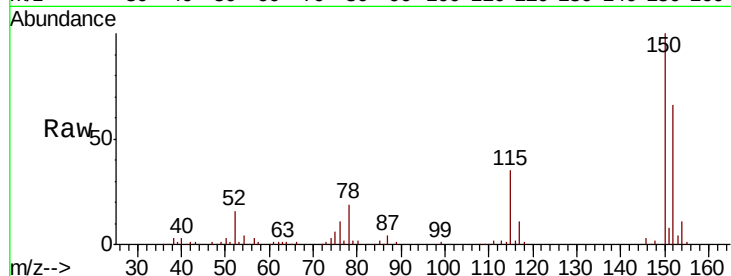


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	125.4	188.0
115	53.6	38.5	57.7

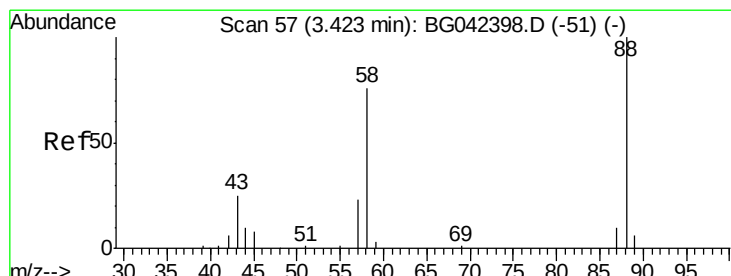
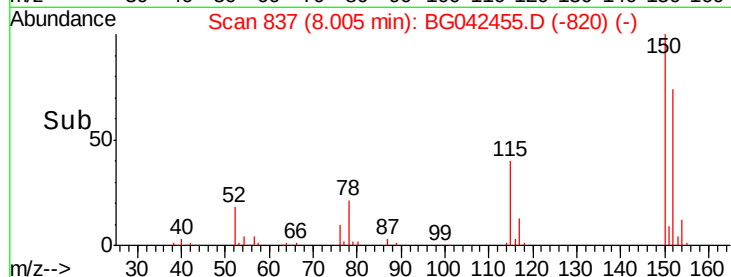
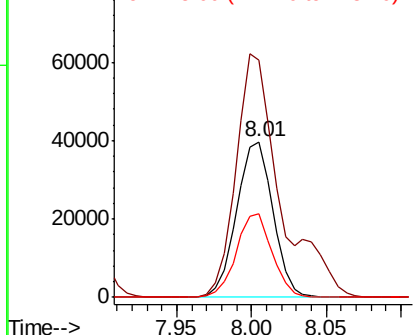


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

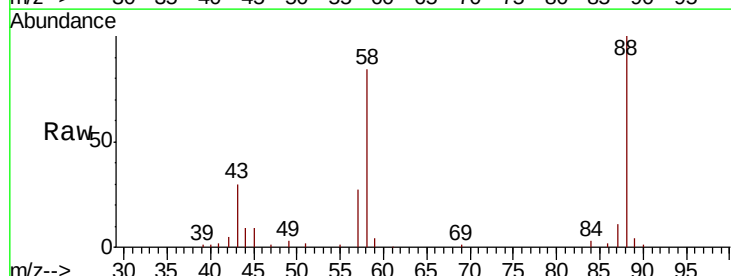
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.782 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.1	58.3	87.5
43	24.3	20.2	30.2

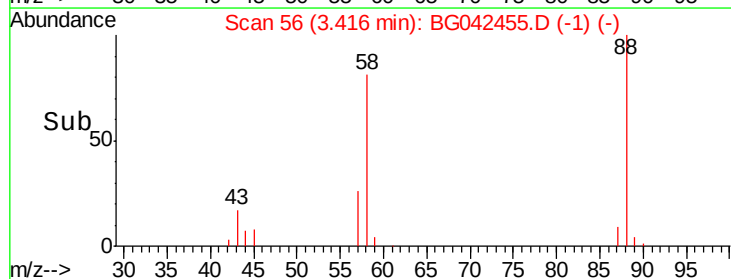
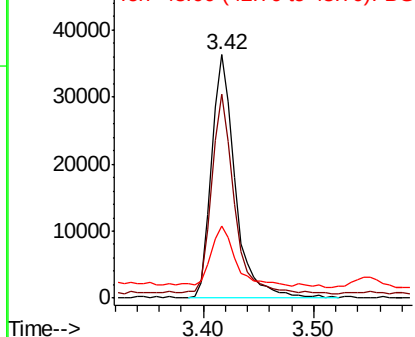


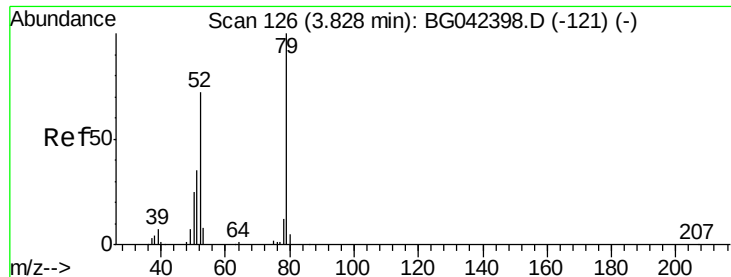
Abundance

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: 38.926 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

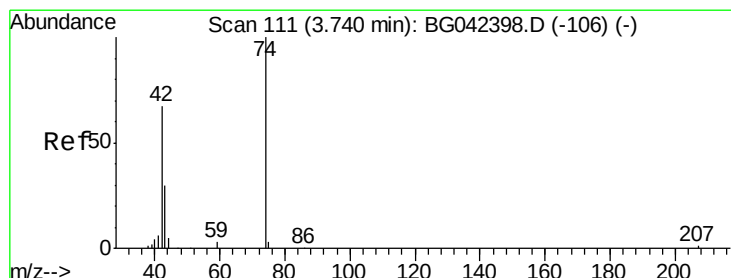
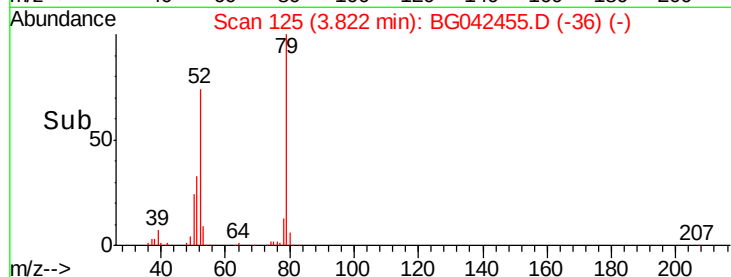
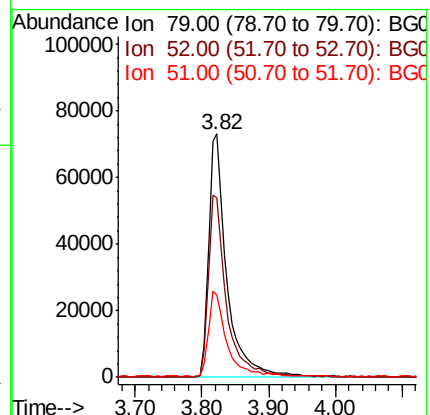
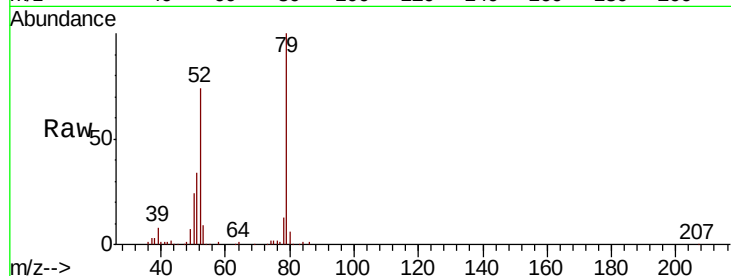
Tot Ion: 79 Resp: 138061

Ion Ratio Lower Upper

79 100

52 73.8 57.7 86.5

51 33.8 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 45.461 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

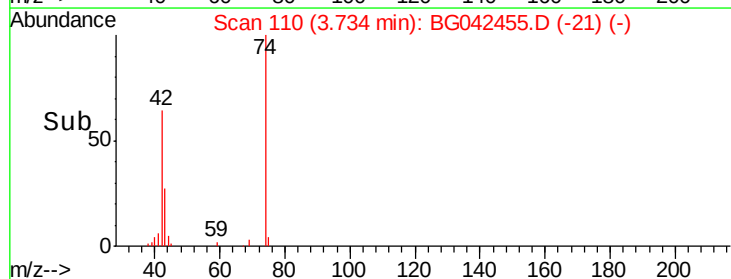
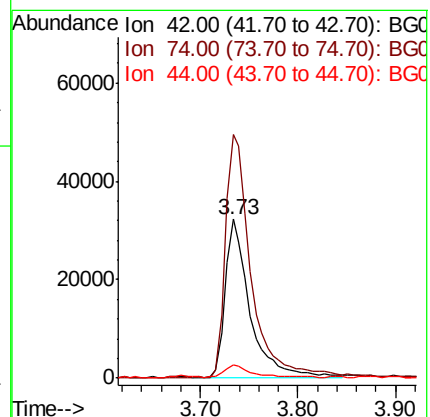
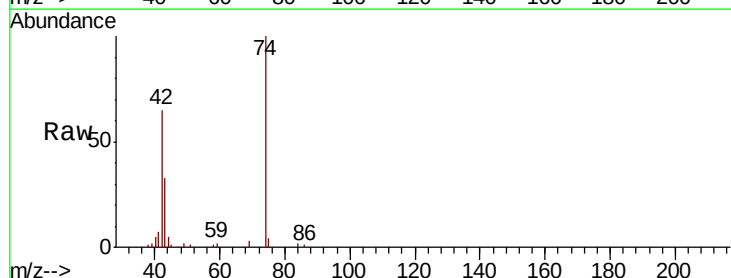
Tgt Ion: 42 Resp: 57590

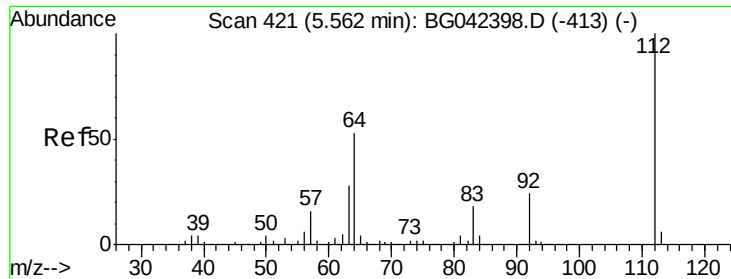
Ion Ratio Lower Upper

42 100

74 153.4 119.6 179.4

44 8.4 6.5 9.7





#5

2-Fluorophenol

Concen: 145.347 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampled :

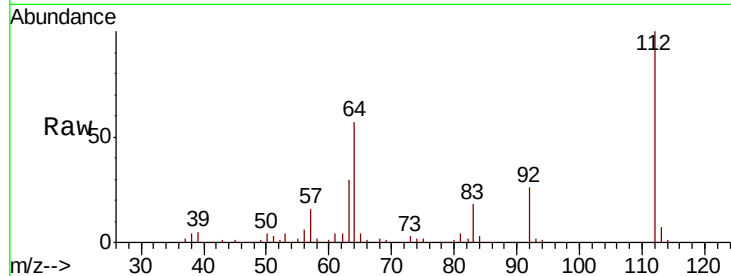
Tot Ion:112 Resp: 481744

Ion Ratio Lower Upper

112 100

64 57.0 42.8 64.2

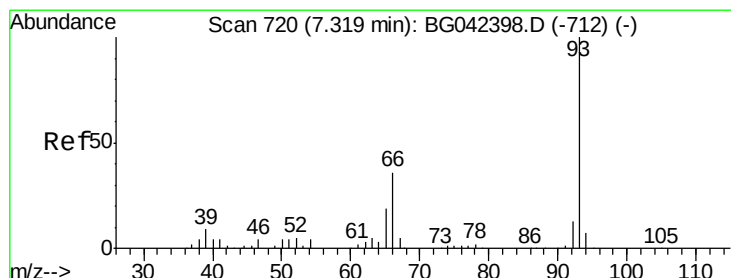
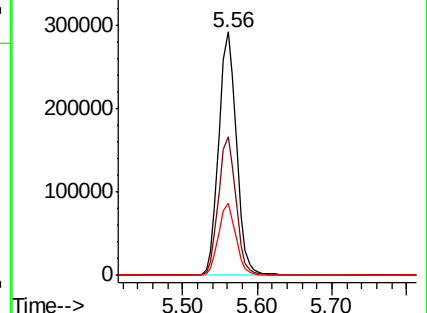
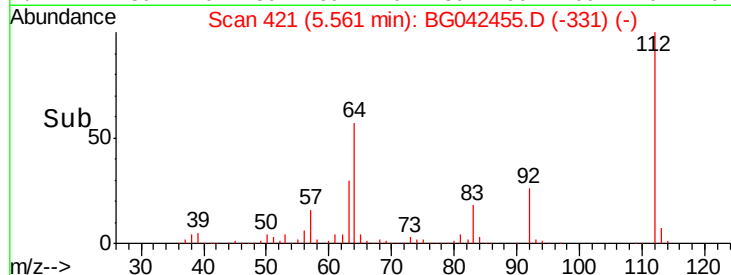
63 29.7 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.917 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

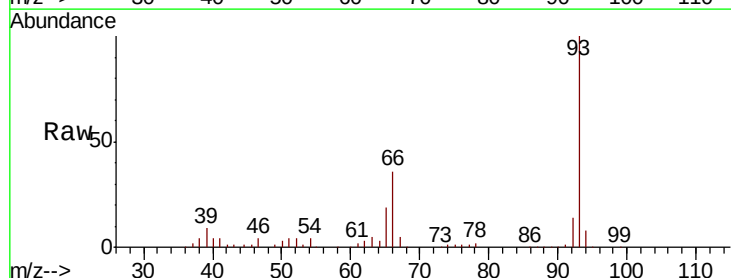
Tgt Ion: 93 Resp: 196559

Ion Ratio Lower Upper

93 100

66 36.1 29.0 43.6

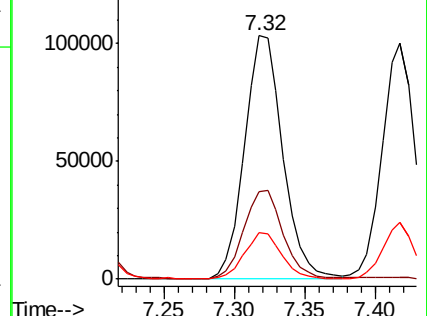
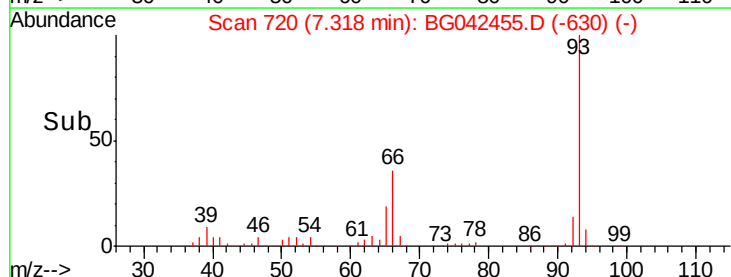
65 19.2 15.2 22.8

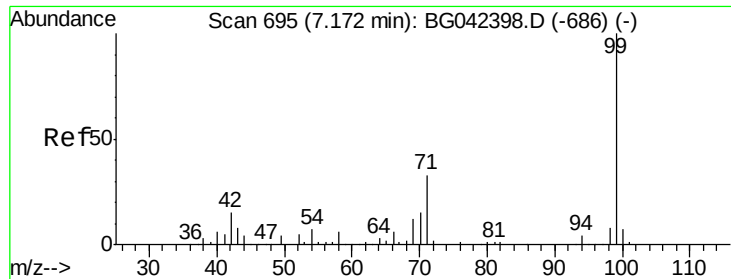


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.174 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

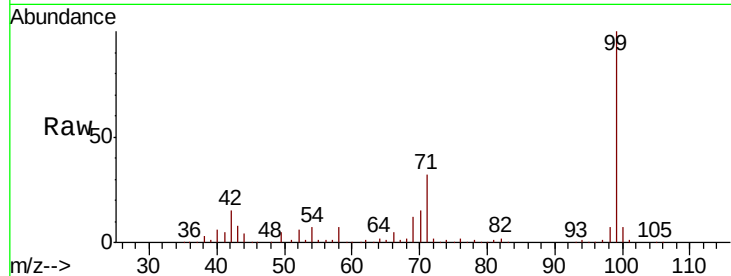
Tot Ion: 99 Resp: 658905

Ion Ratio Lower Upper

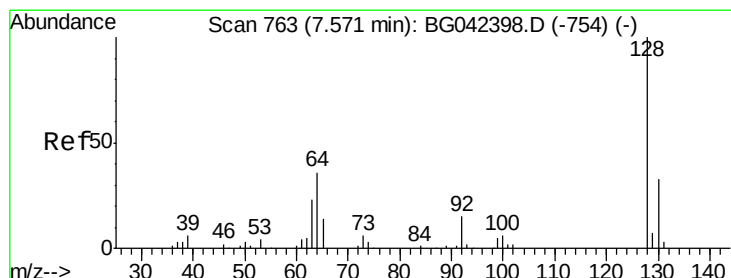
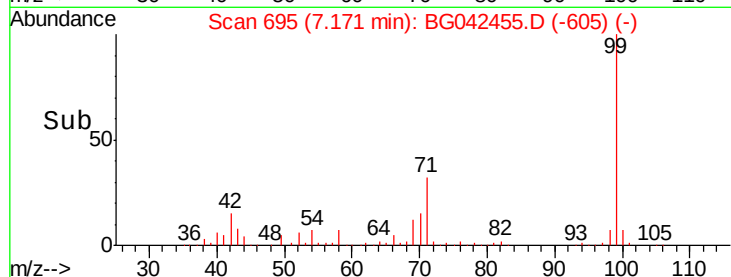
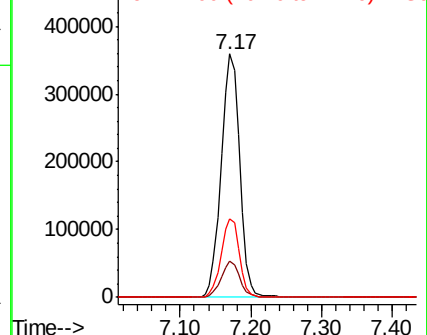
99 100

42 14.8 12.0 18.0

71 32.1 26.3 39.5



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: 46.514 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

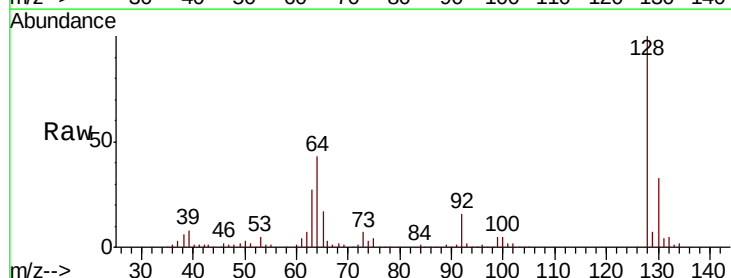
Tgt Ion: 128 Resp: 186839

Ion Ratio Lower Upper

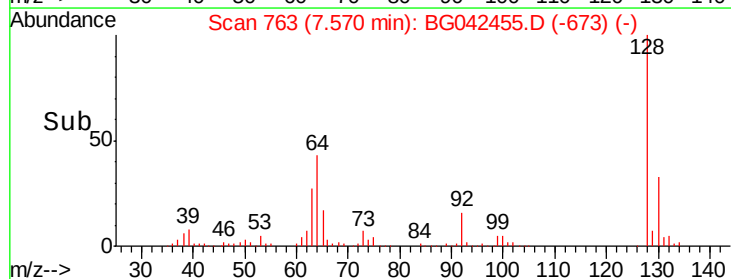
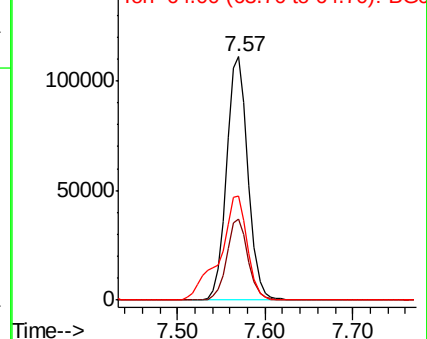
128 100

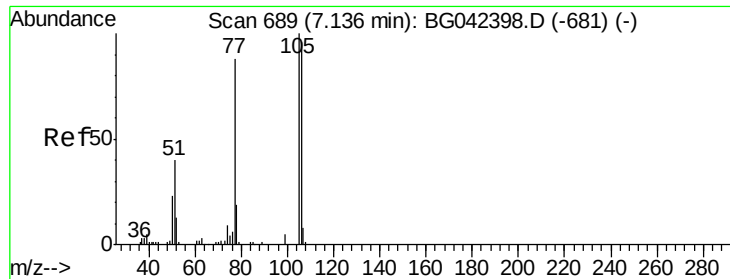
130 33.1 12.8 52.8

64 42.7 19.2 59.2



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: 30.623 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampled :

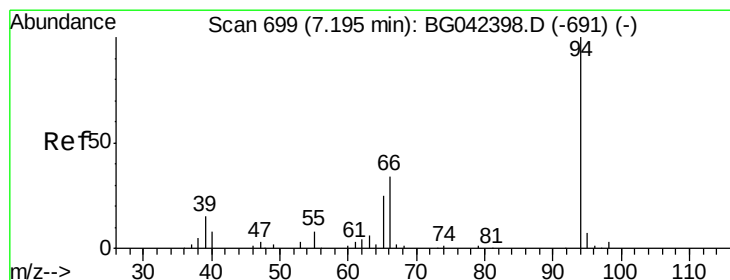
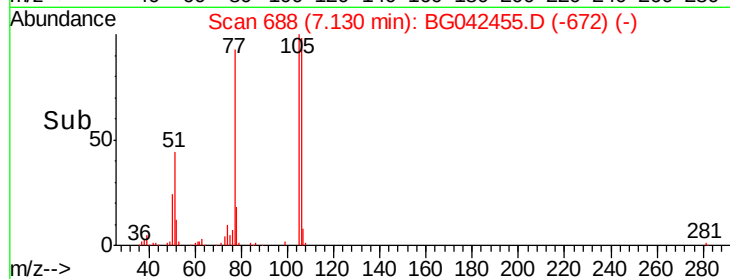
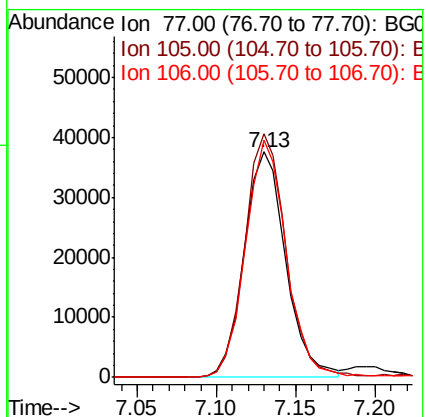
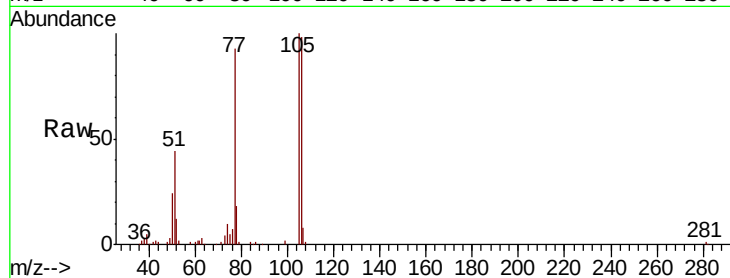
Tot Ion: 77 Resp: 68638

Ion Ratio Lower Upper

77 100

105 108.0 93.4 133.4

106 105.3 88.4 128.4



#10

Phenol

Concen: 47.927 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

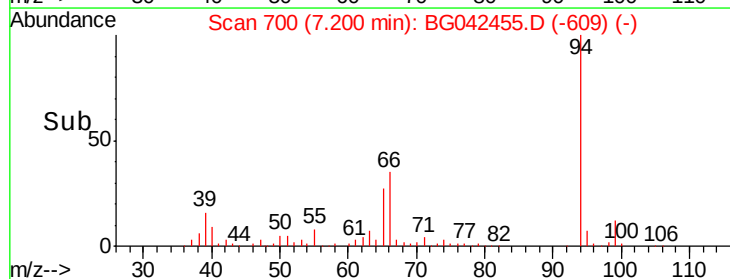
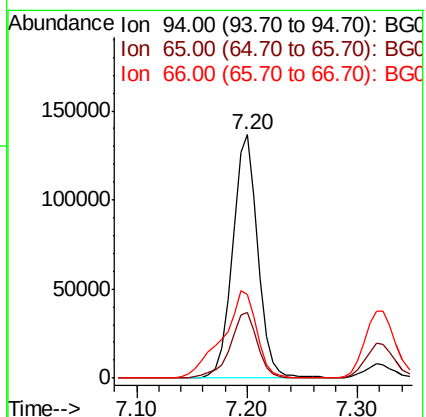
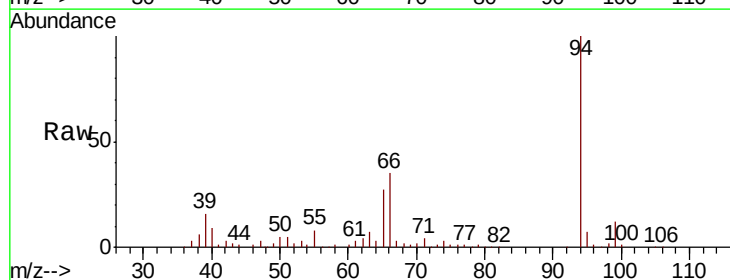
Tgt Ion: 94 Resp: 218163

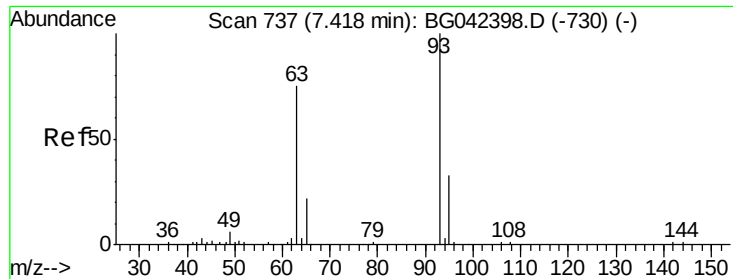
Ion Ratio Lower Upper

94 100

65 27.2 5.6 45.6

66 34.5 16.0 56.0

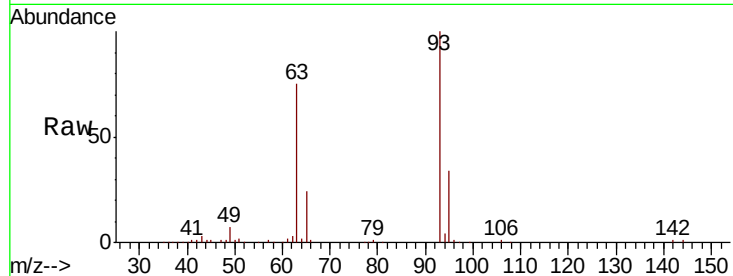




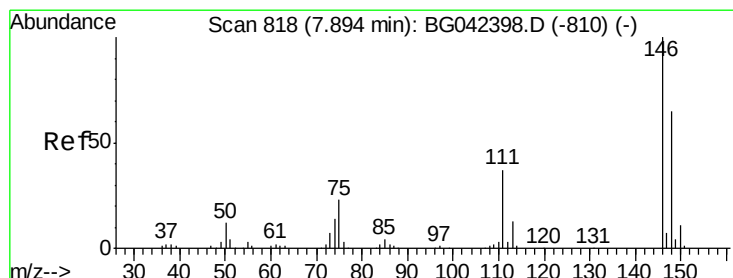
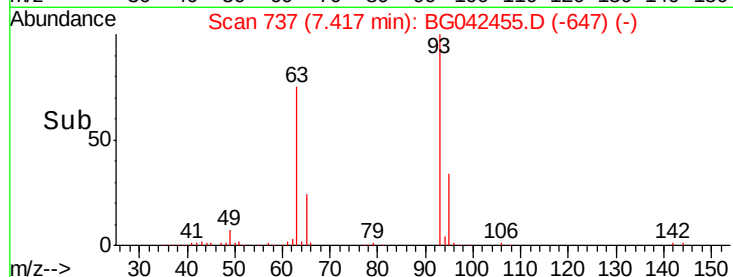
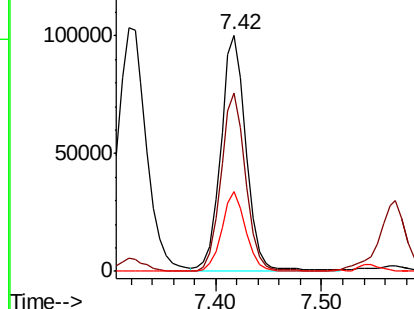
#11
bis(2-Chloroethyl)ether
Concen: 46.463 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	53.8	93.8
95	33.6	13.1	53.1

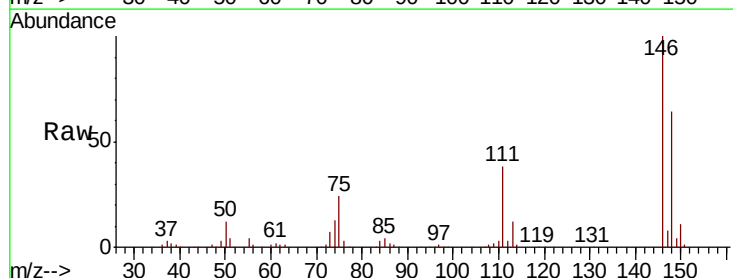


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

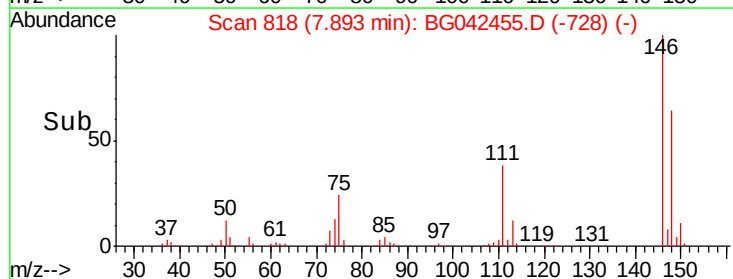
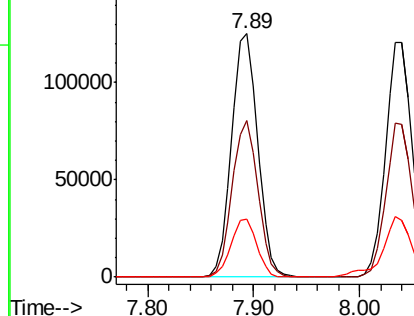


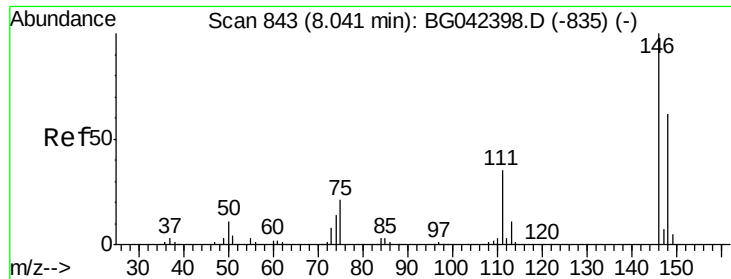
#12
1,3-Dichlorobenzene
Concen: 41.692 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
75	24.0	18.0	27.0



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

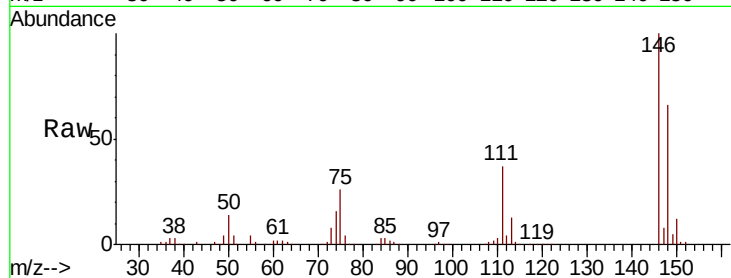




#13
 1,4-Dichlorobenzene
 Concen: 41.179 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	49.5	74.3
111	37.4	28.1	42.1

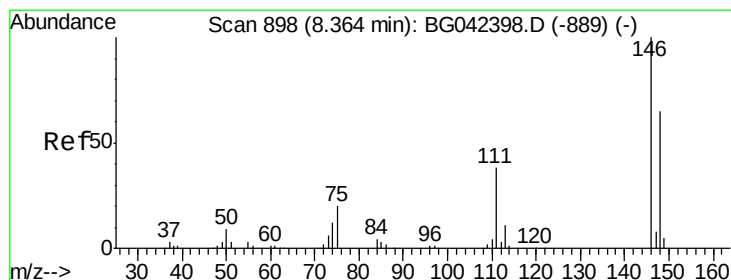
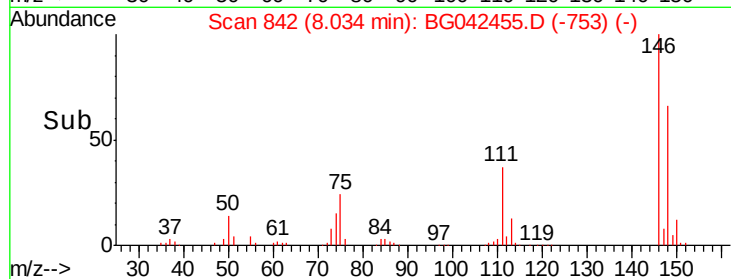
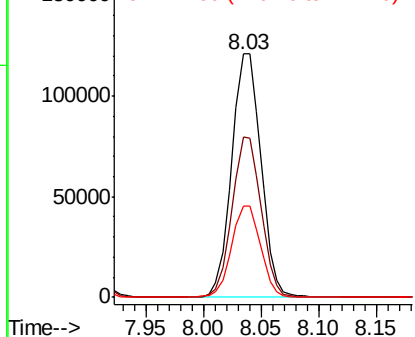


Abundance

Ion 146.00 (145.70 to 146.70): E

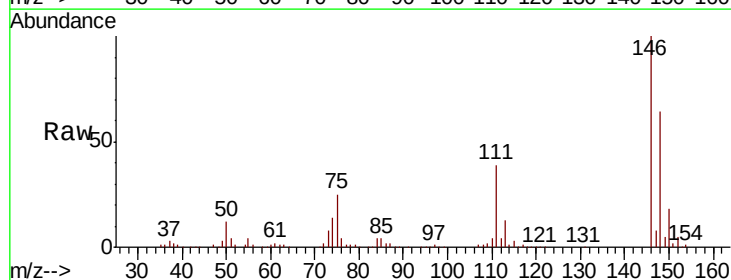
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.404 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	39.3	30.9	46.3

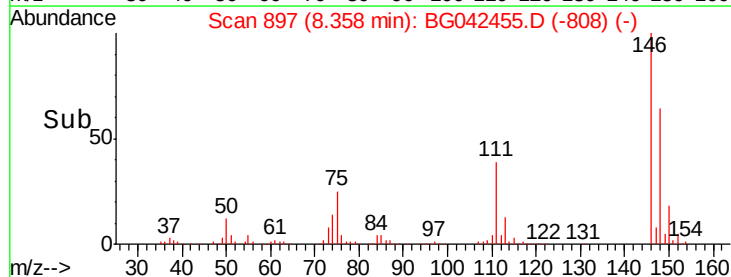
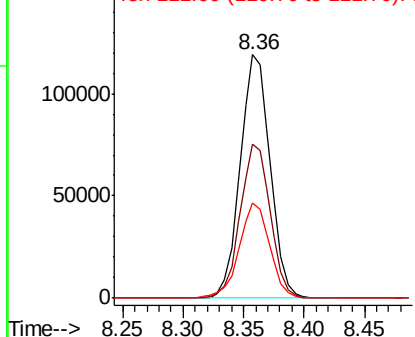


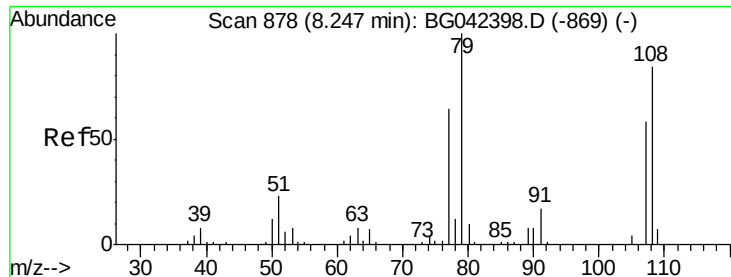
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.987 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampled :

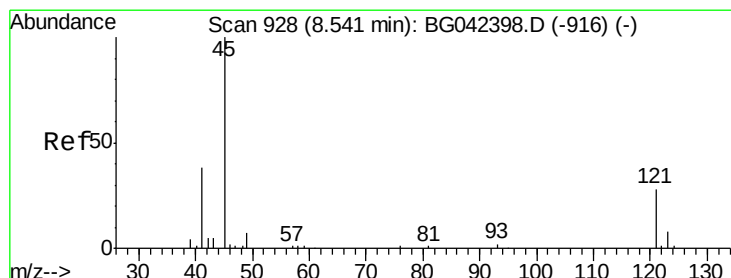
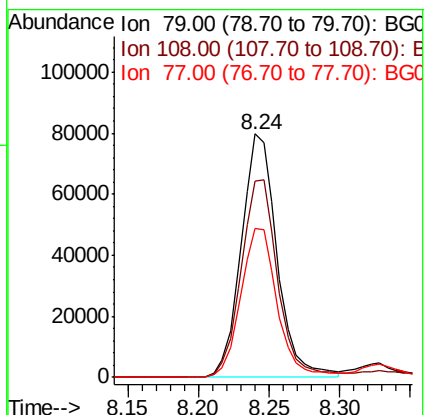
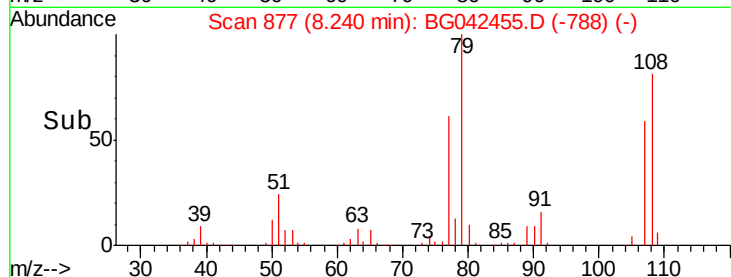
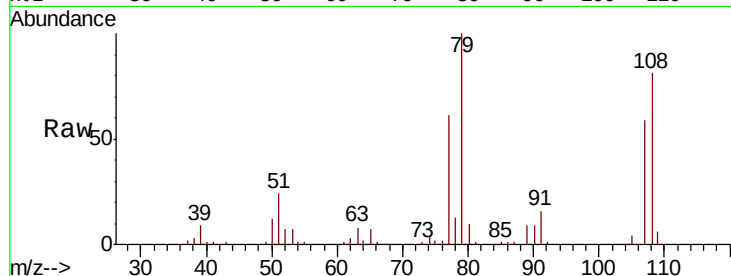
Tot Ion: 79 Resp: 141682

Ion Ratio Lower Upper

79 100

108 80.7 67.4 101.2

77 61.4 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.668 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

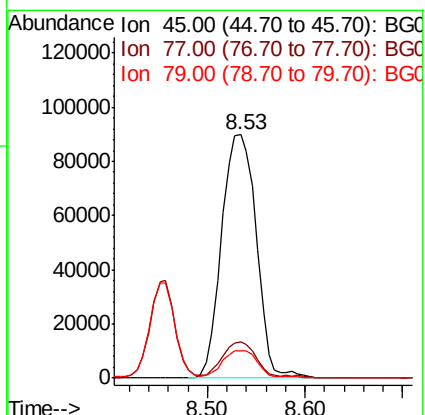
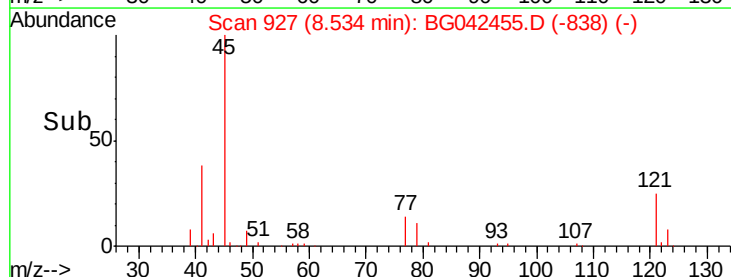
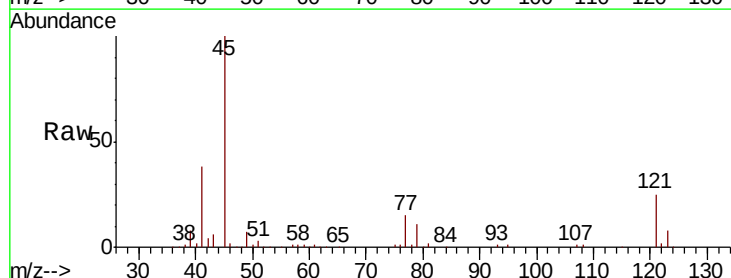
Tgt Ion: 45 Resp: 221285

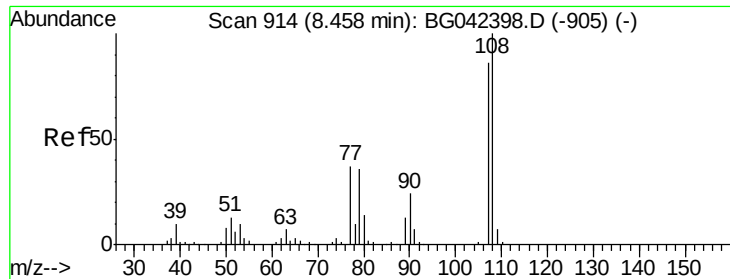
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.6

79 11.2 0.0 31.6

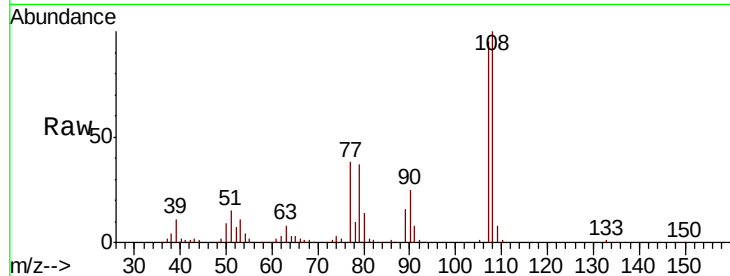




#17
2-Methylphenol
Concen: 45.684 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.8	92.9	139.3
77	40.3	34.4	51.6
79	39.4	33.8	50.6



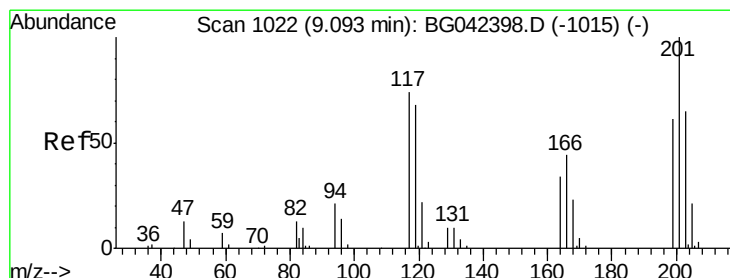
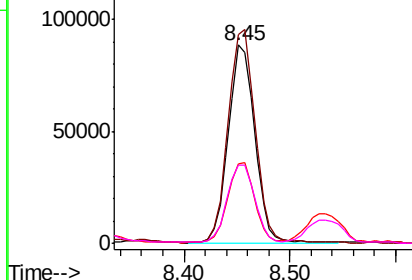
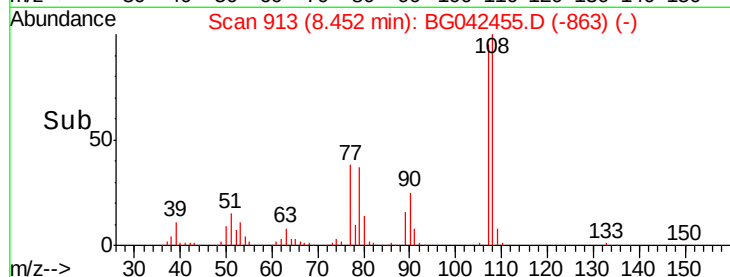
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

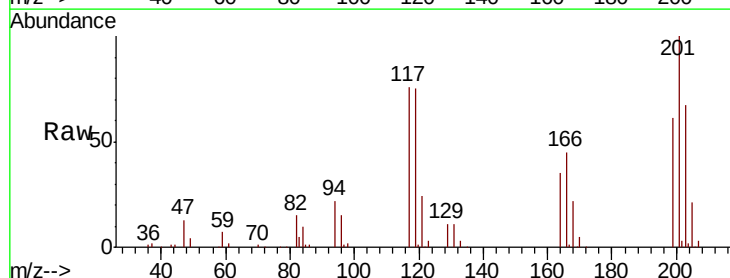
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.001 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	73.8	110.8
201	131.0	108.3	162.5

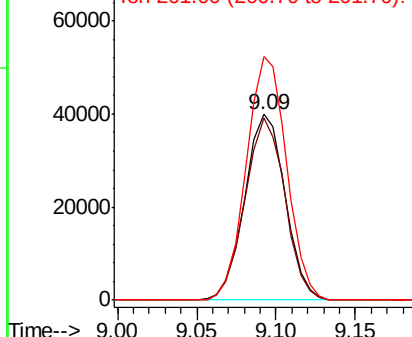
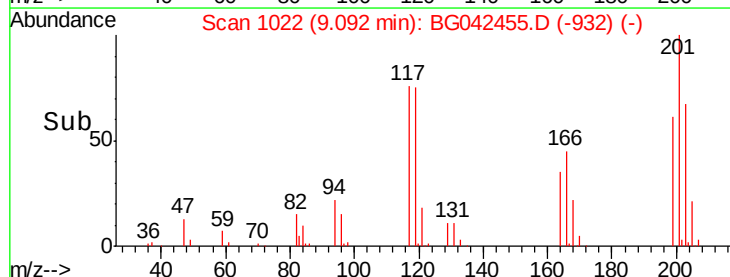


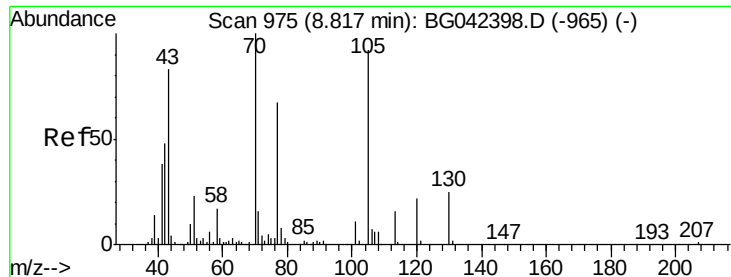
Abundance

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

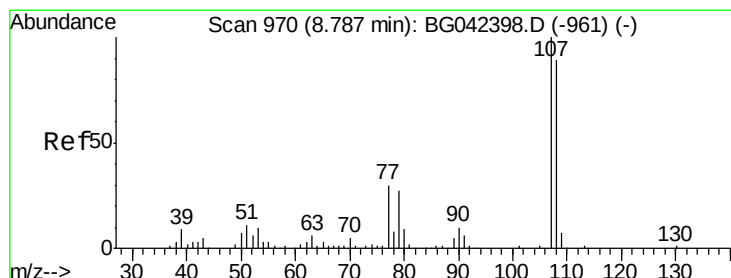
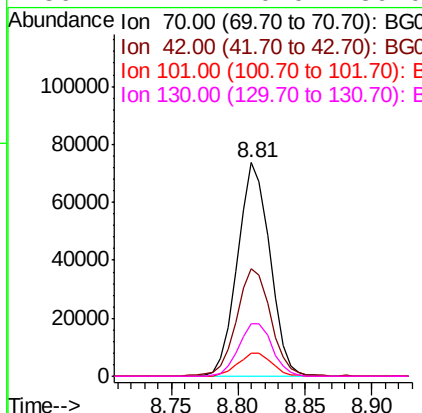
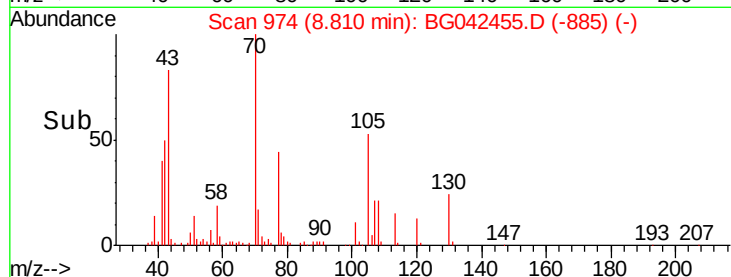
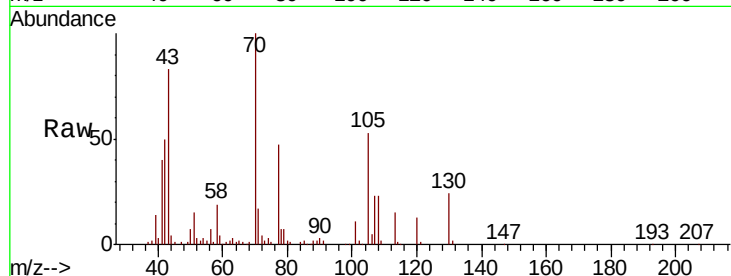




#19
n-Nitroso-di-n-propylamine
Concen: 42.692 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

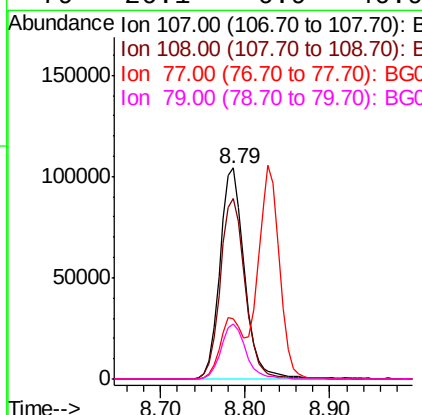
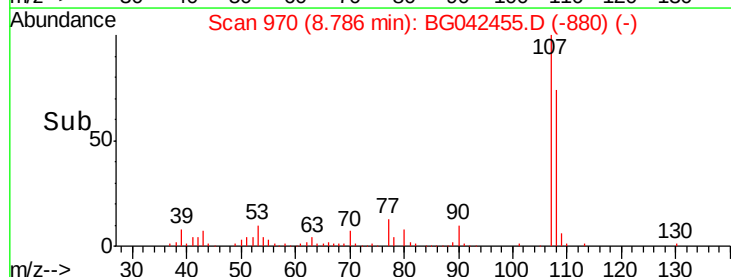
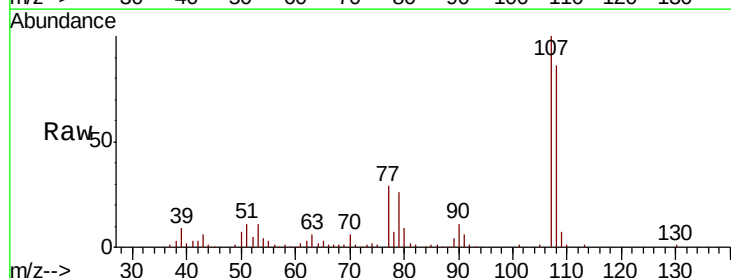
Instrument :
BNA_G
ClientSampled :

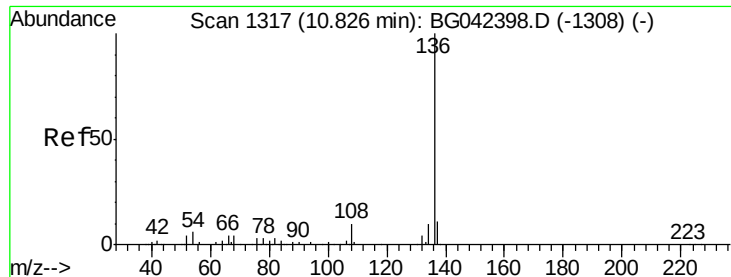
Tot Ion:	70	Resp:	123828
Ion	Ratio	Lower	Upper
70	100		
42	50.4	38.8	58.2
101	10.9	9.0	13.6
130	24.4	20.0	30.0



#20
3+4-Methylphenols
Concen: 45.350 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:	107	Resp:	210397
Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.7	108.7
77	28.8	10.2	50.2
79	26.1	6.9	46.9

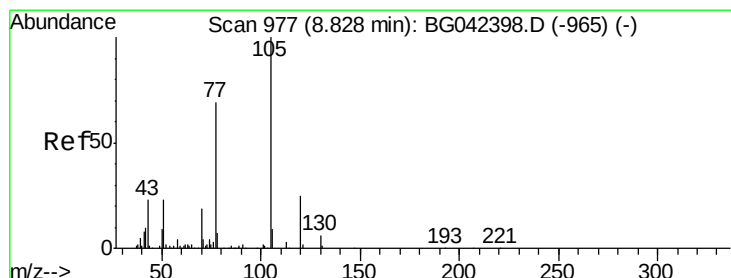
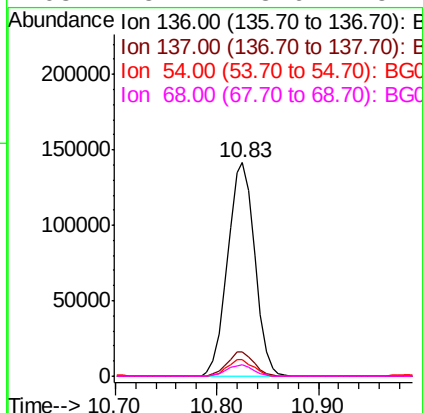
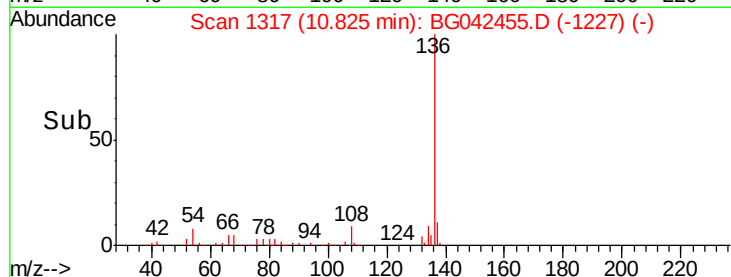
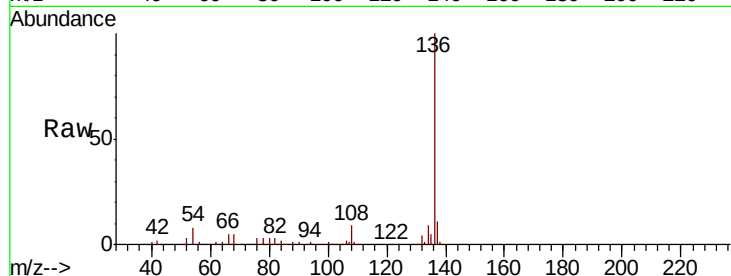




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

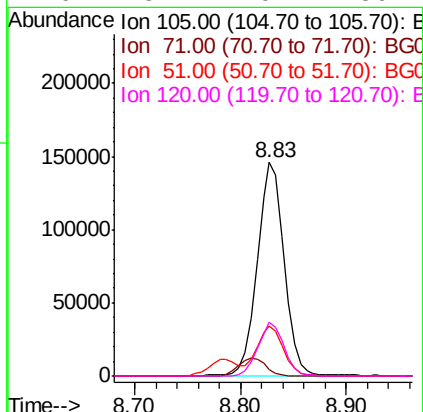
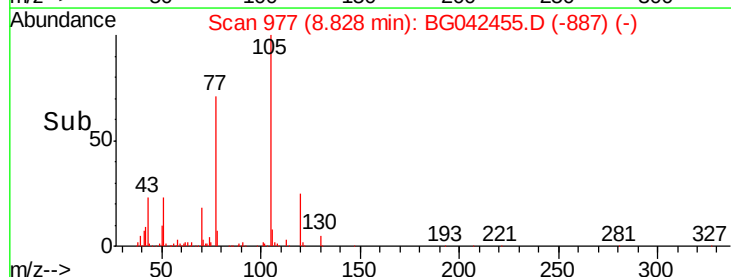
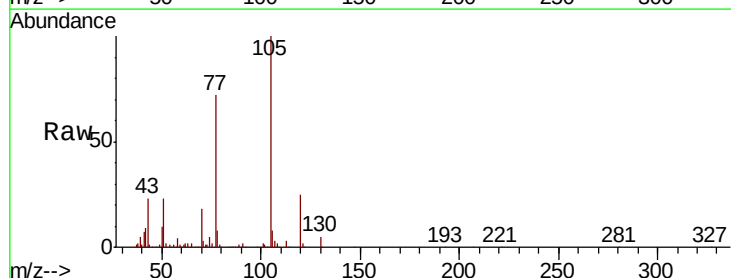
Instrument :
BNA_G
ClientSampleId :

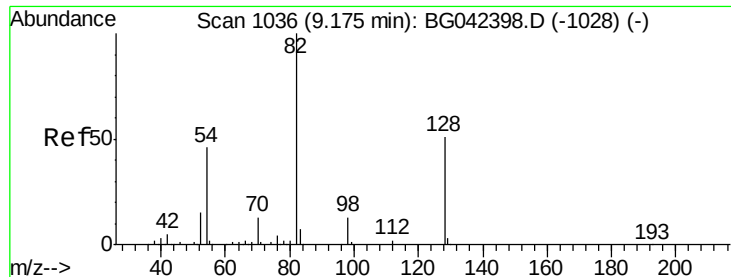
Tot Ion:136	Resp:	261505
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	7.6	4.9 7.3#
68	5.2	3.6 5.4



#22
Acetophenone
Concen: 46.333 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:105	Resp:	259148
Ion Ratio	Lower	Upper
105	100	
71	3.1	2.8 4.2
51	23.1	18.7 28.1
120	25.2	20.1 30.1

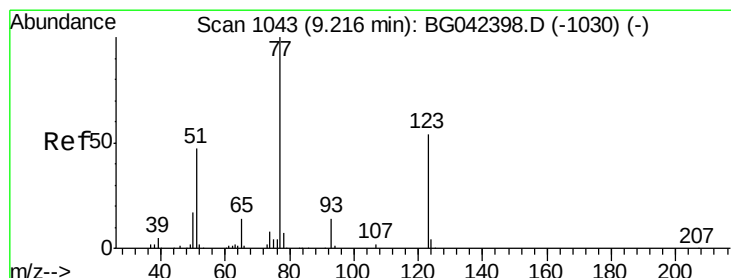
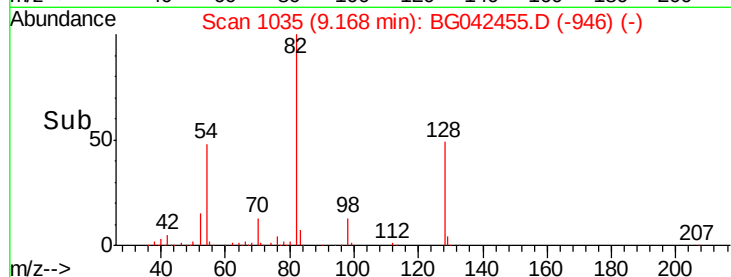
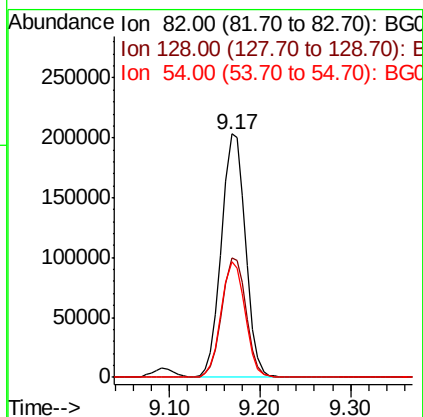
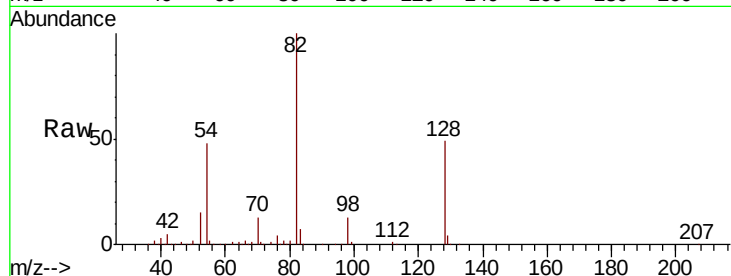




#23
Nitrobenzene-d5
Concen: 99.158 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

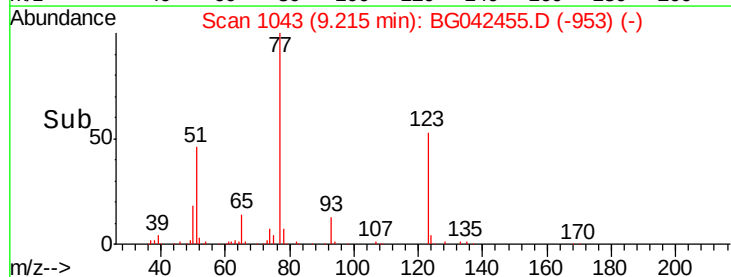
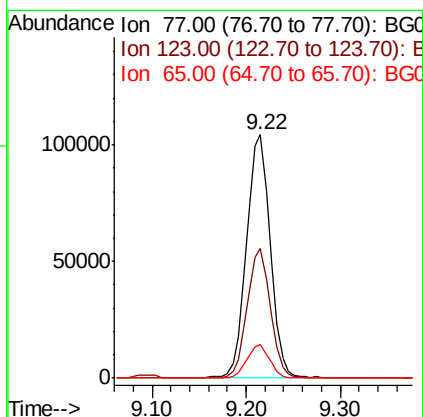
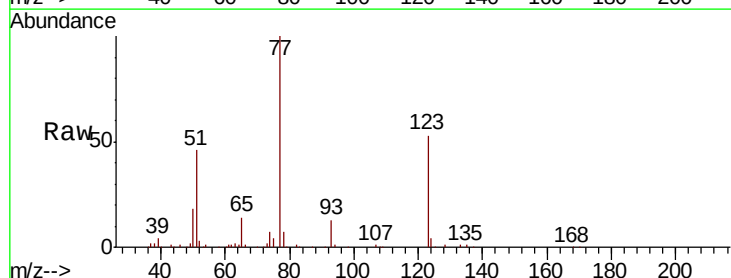
Instrument :
BNA_G
ClientSampleId :

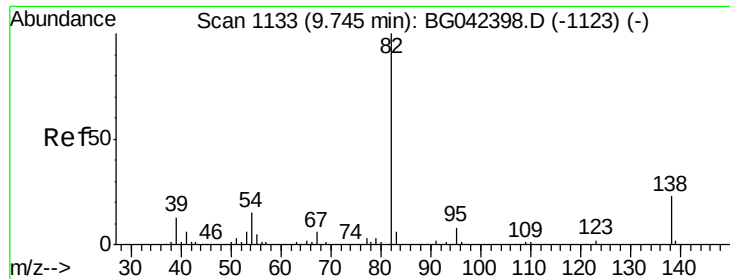
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.7	61.1
54	47.7	36.3	54.5



#24
Nitrobenzene
Concen: 47.799 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.2	43.4	65.0
65	13.6	11.0	16.6





#25

Isophorone

Concen: 45.505 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampled :

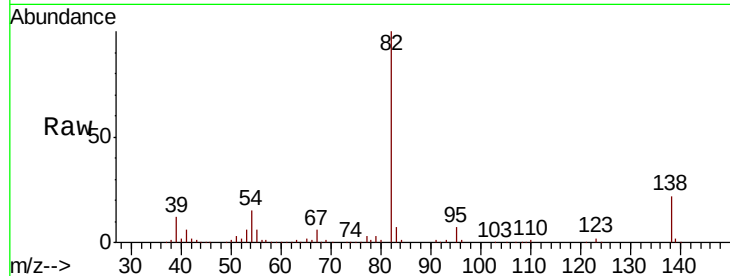
Tot Ion: 82 Resp: 339840

Ion Ratio Lower Upper

82 100

95 7.4 6.6 9.8

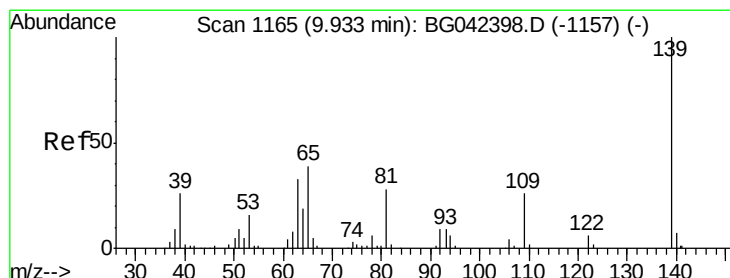
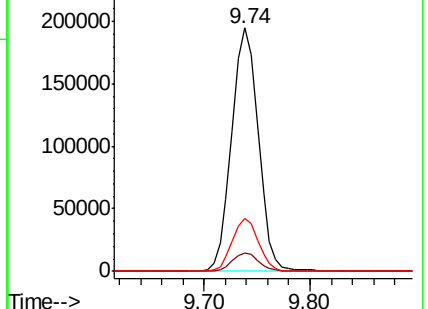
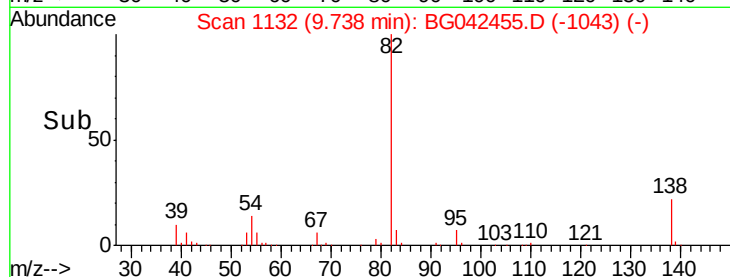
138 21.7 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BG042398.D (-1123) (-)

Ion 95.00 (94.70 to 95.70): BG042398.D (-1123) (-)

Ion 138.00 (137.70 to 138.70): BG042398.D (-1123) (-)



#26

2-Nitrophenol

Concen: 45.476 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

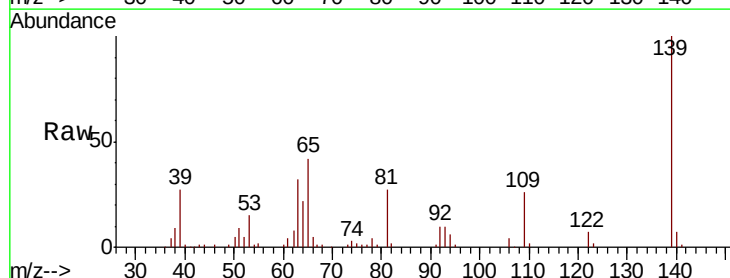
Tgt Ion: 139 Resp: 109206

Ion Ratio Lower Upper

139 100

109 26.2 20.5 30.7

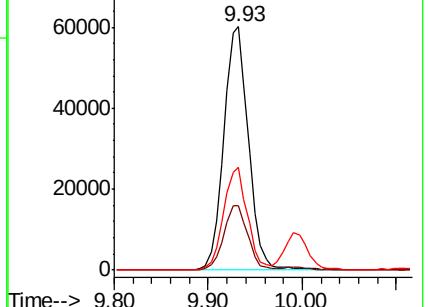
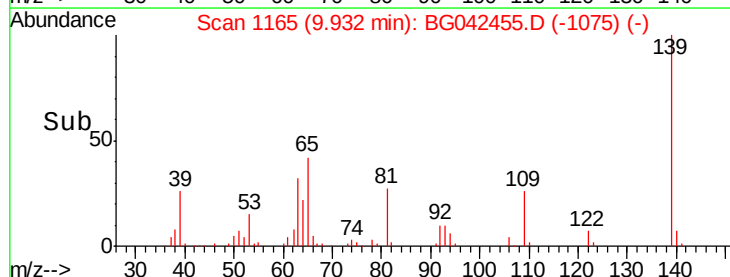
65 42.5 30.9 46.3

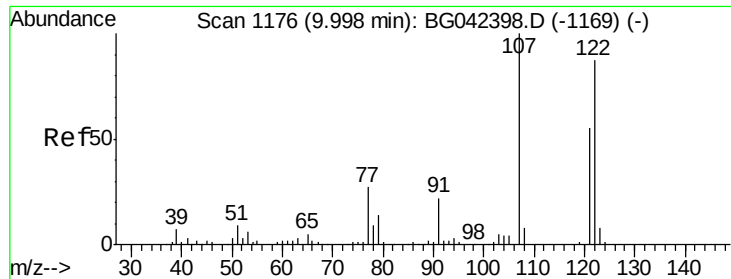


Abundance Ion 139.00 (138.70 to 139.70): BG042398.D (-1157) (-)

Ion 109.00 (108.70 to 109.70): BG042398.D (-1157) (-)

Ion 65.00 (64.70 to 65.70): BG042398.D (-1157) (-)

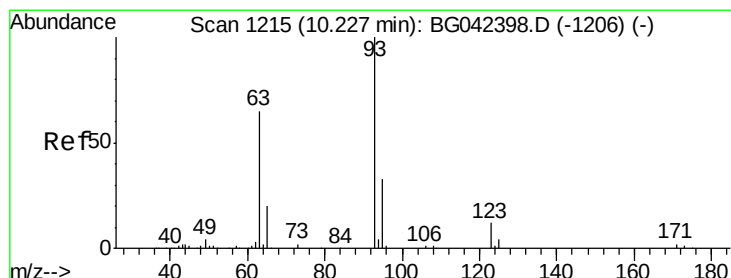
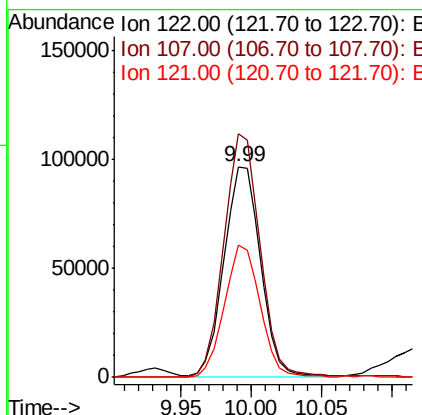
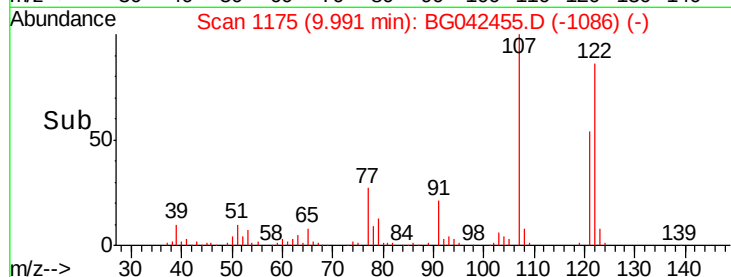
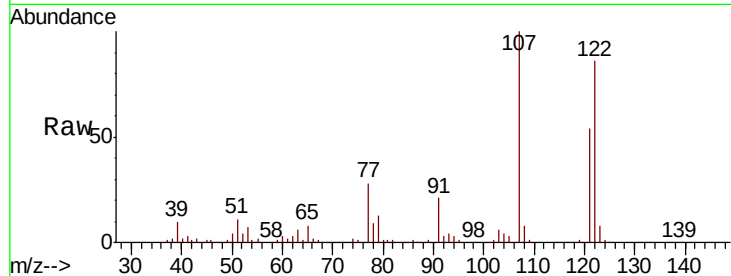




#27
 2,4-Dimethylphenol
 Concen: 52.493 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

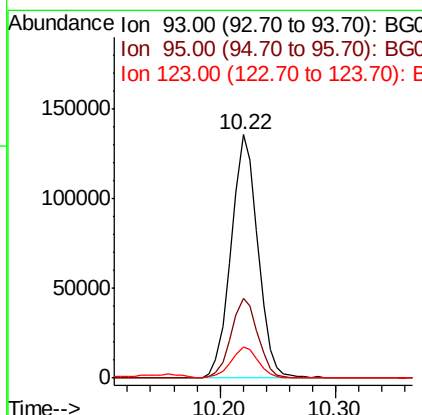
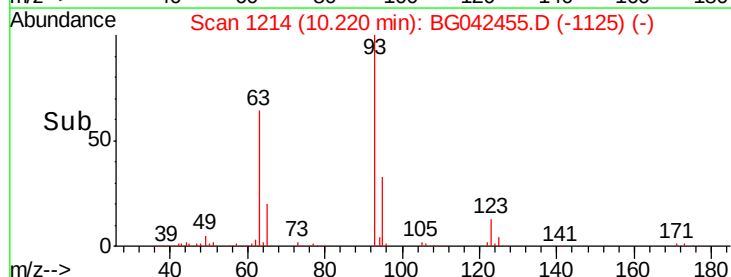
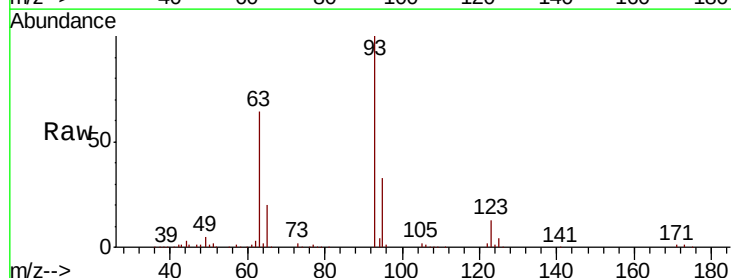
Instrument :
 BNA_G
 ClientSampled :

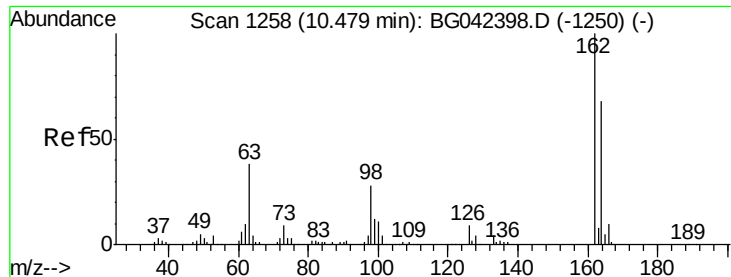
Tot Ion:122 Resp: 173645
 Ion Ratio Lower Upper
 122 100
 107 115.6 90.8 136.2
 121 62.7 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.259 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion: 93 Resp: 217743
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 40.0
 123 12.9 10.1 15.1

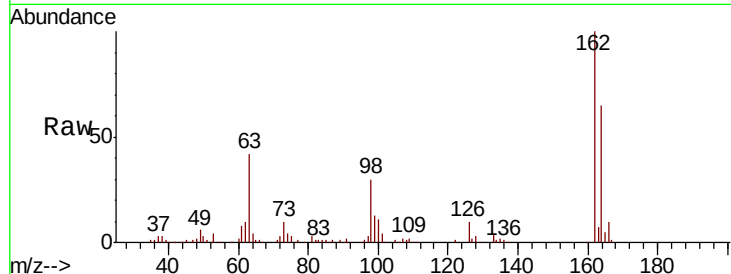




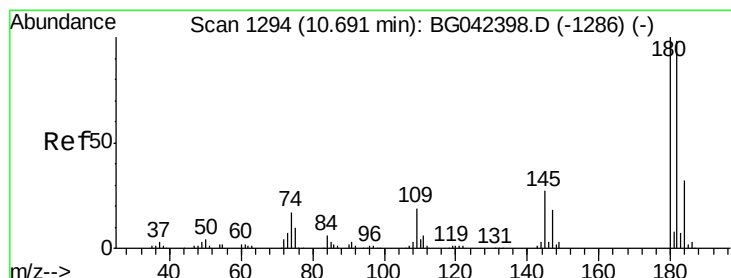
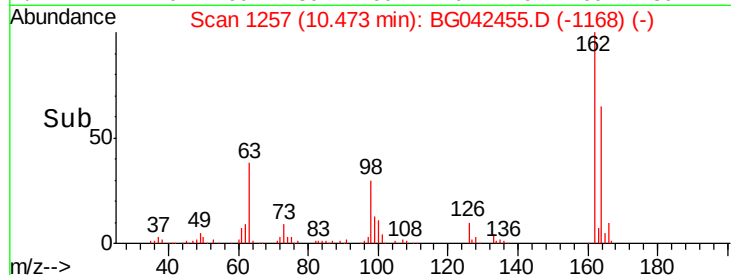
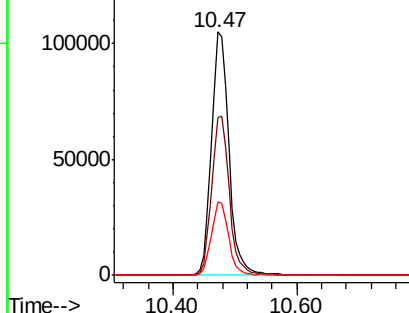
#29
2,4-Dichlorophenol
Concen: 47.193 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.1	88.1
98	30.1	7.6	47.6

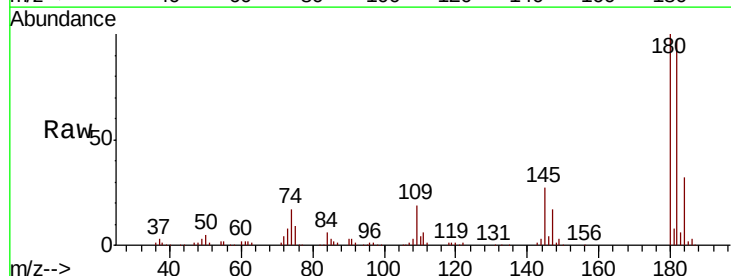


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

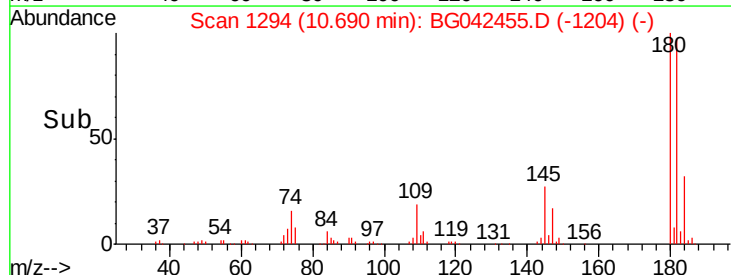
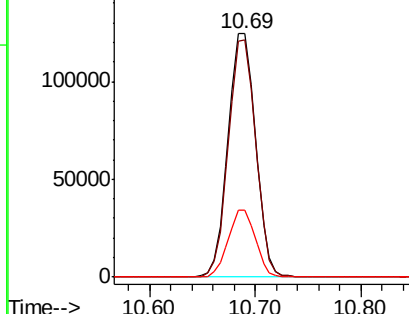


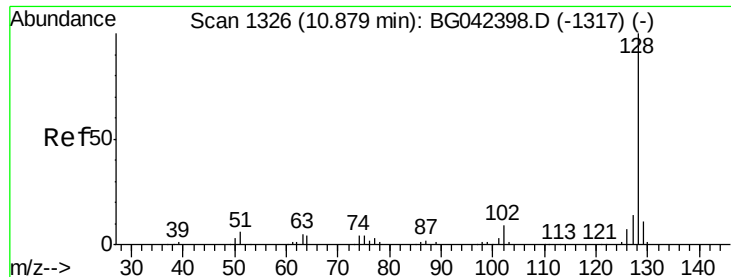
#30
1,2,4-Trichlorobenzene
Concen: 42.301 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.7	118.1
145	27.3	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

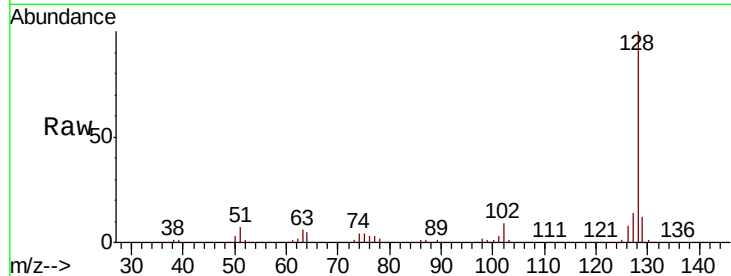




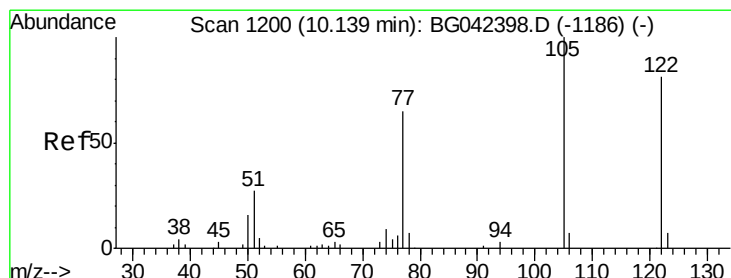
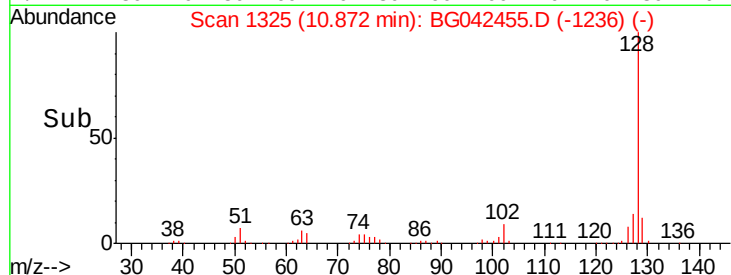
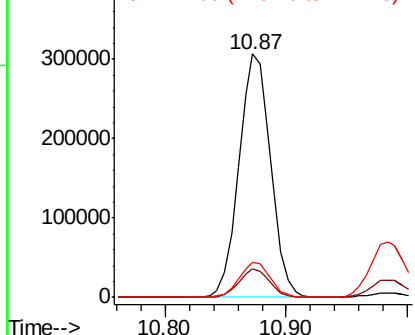
#31
Naphthalene
Concen: 45.976 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 558192
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.3 11.4 17.0

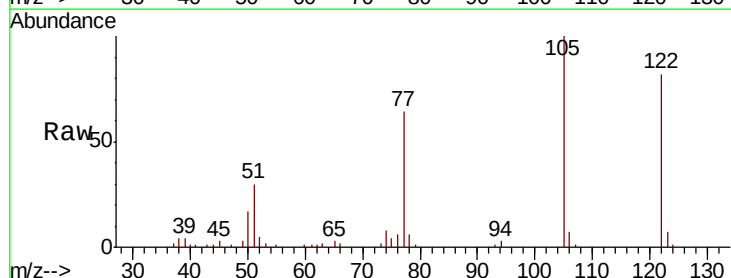


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

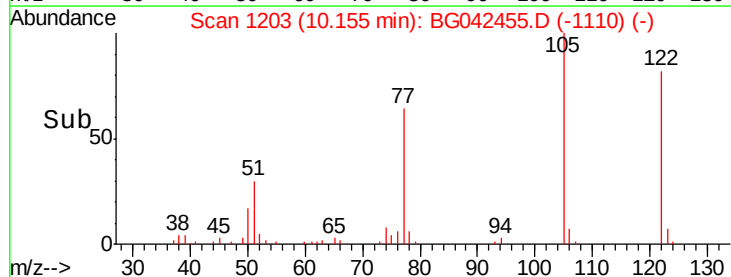
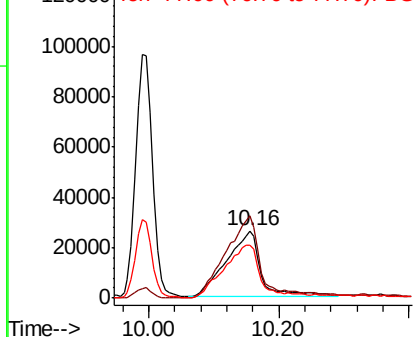


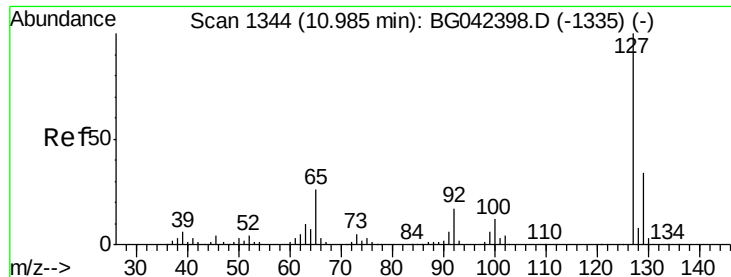
#32
Benzoic acid
Concen: 41.520 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:122 Resp: 96488
Ion Ratio Lower Upper
122 100
105 122.1 99.6 139.6
77 78.4 59.5 99.5



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

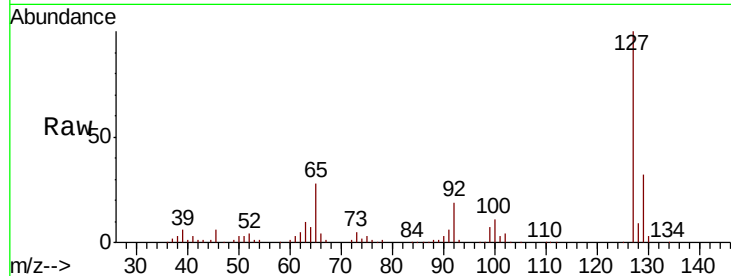




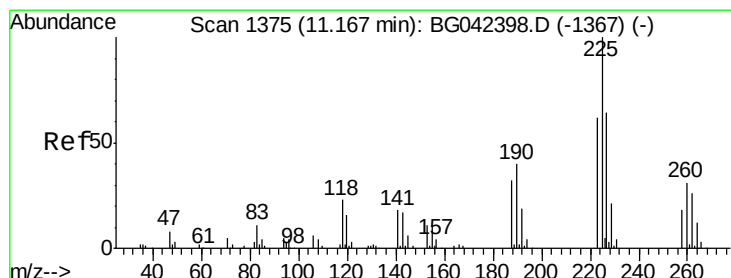
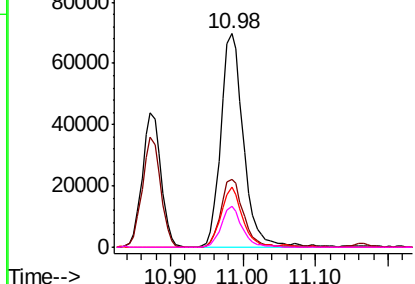
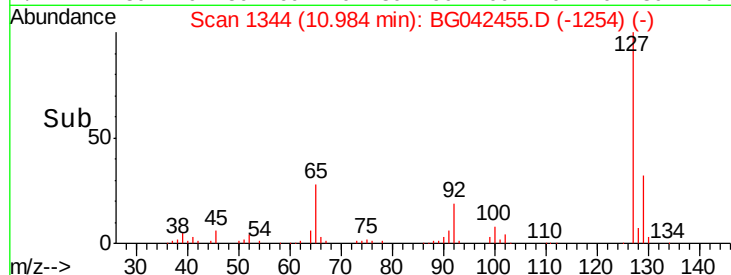
#33
4-Chloroaniline
Concen: 26.878 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	150643
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.8	40.2
65	28.2	20.7	31.1
92	18.9	13.6	20.4

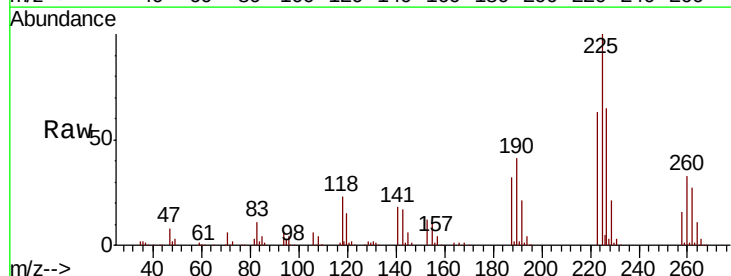


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

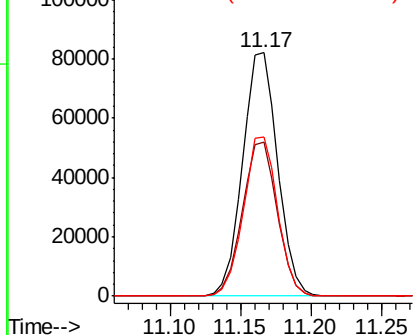
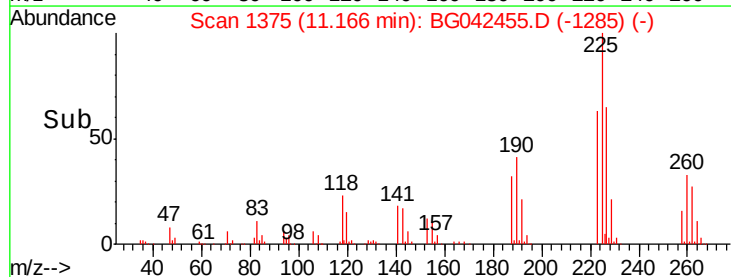


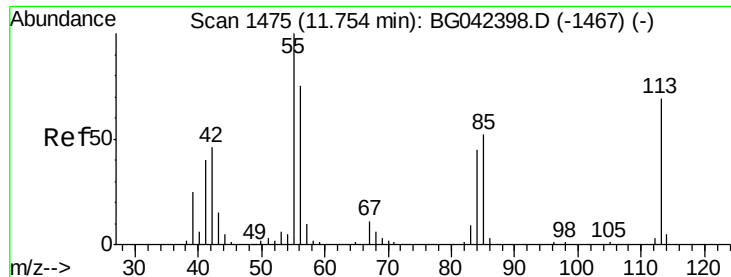
#34
Hexachlorobutadiene
Concen: 39.970 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:	225	Resp:	142703
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.6
227	65.4	50.9	76.3



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

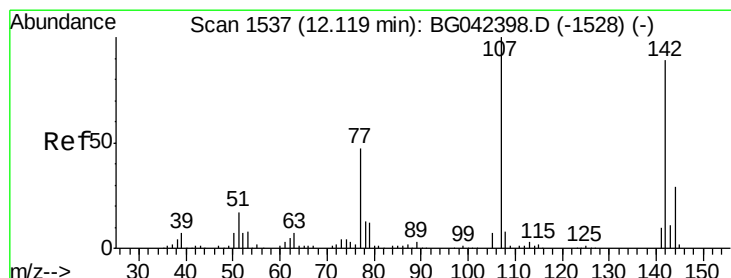
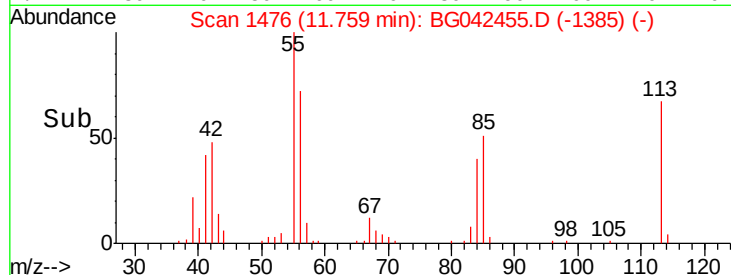
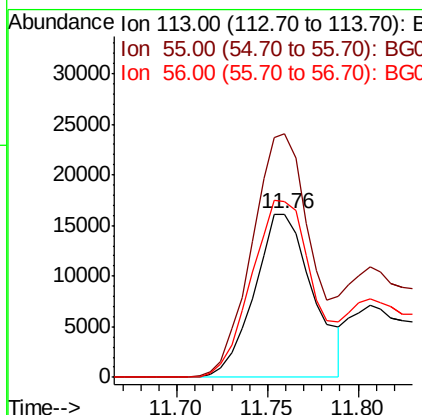
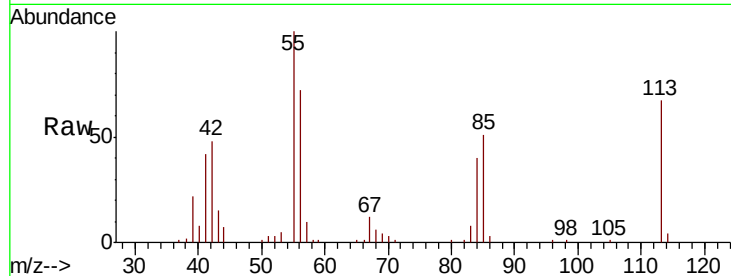




#35
 Caprolactam
 Concen: 25.037 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

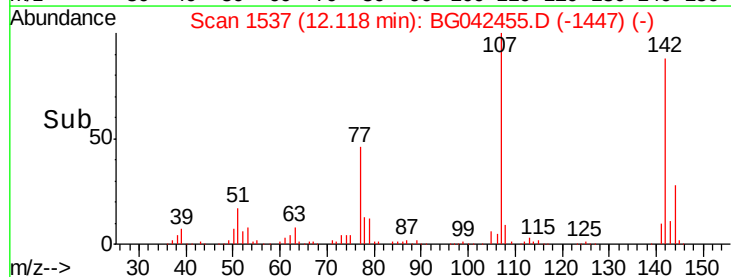
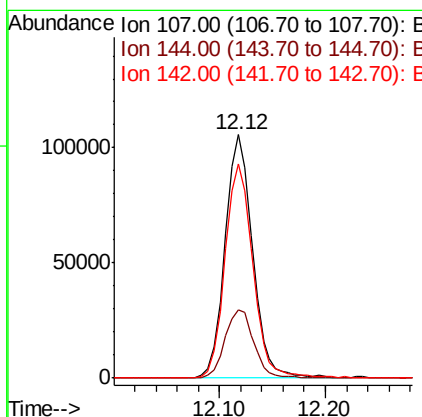
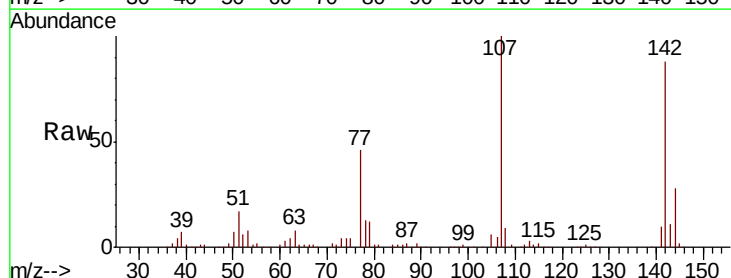
Instrument :
 BNA_G
 ClientSampled :

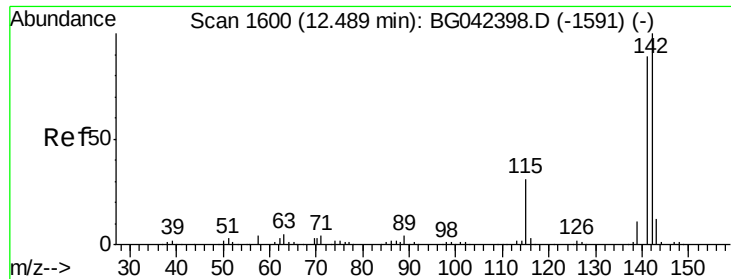
Tot Ion:113 Resp: 36157
 Ion Ratio Lower Upper
 113 100
 55 149.4 124.6 164.6
 56 108.2 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.416 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion:107 Resp: 190700
 Ion Ratio Lower Upper
 107 100
 144 28.2 23.6 35.4
 142 87.7 71.0 106.4

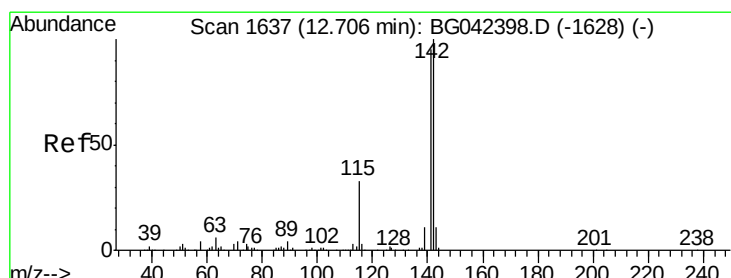
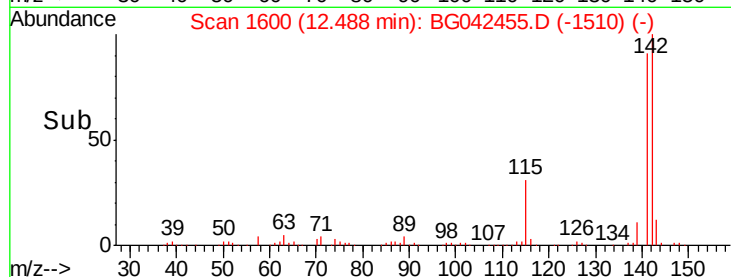
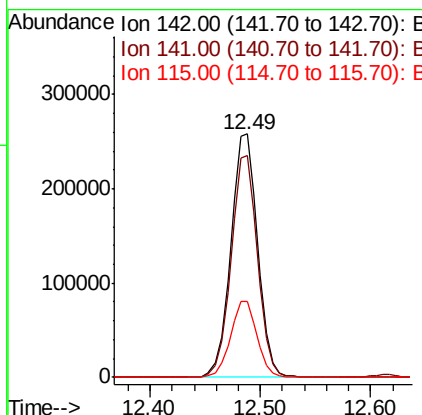
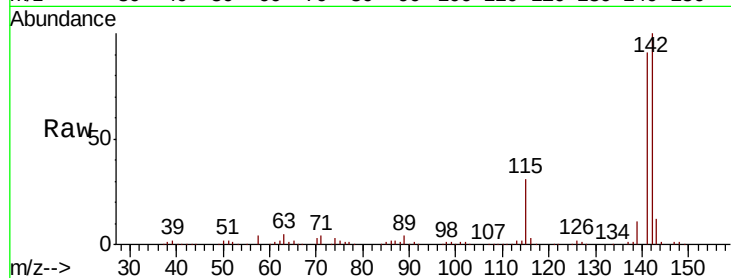




#37
2-Methylnaphthalene
Concen: 45.052 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

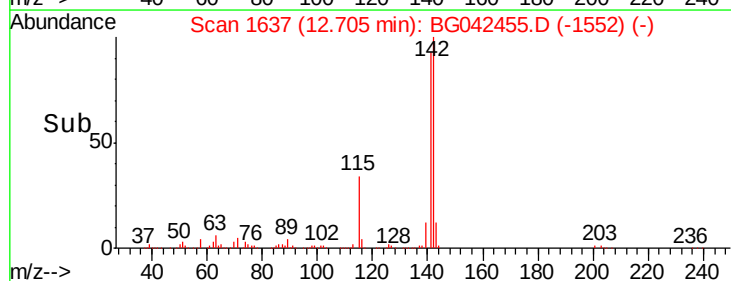
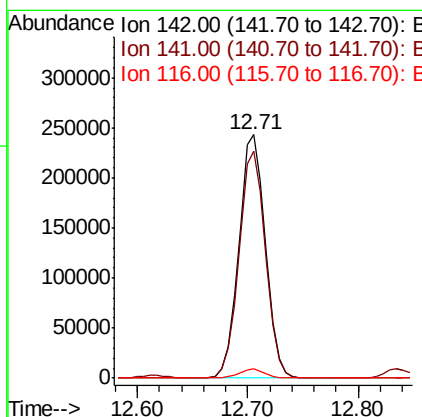
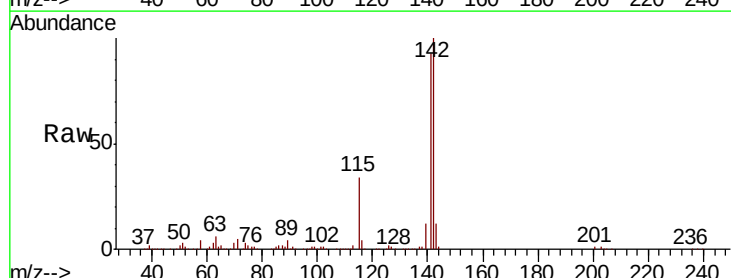
Instrument :
BNA_G
ClientSampleId :

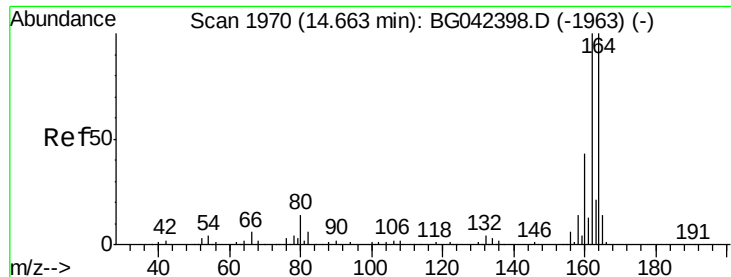
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.4	107.2
115	31.4	25.2	37.8



#38
1-Methylnaphthalene
Concen: 44.199 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.2	114.2
116	3.7	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

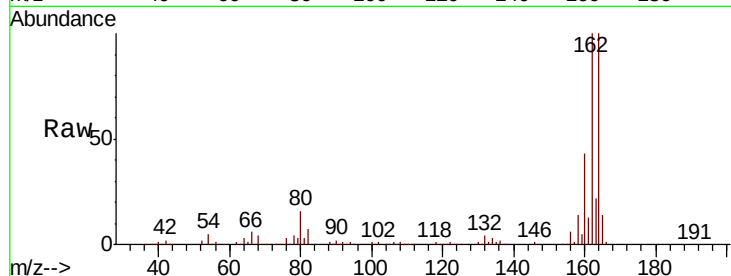
Tot Ion:164 Resp: 180141

Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

160 43.4 34.3 51.5

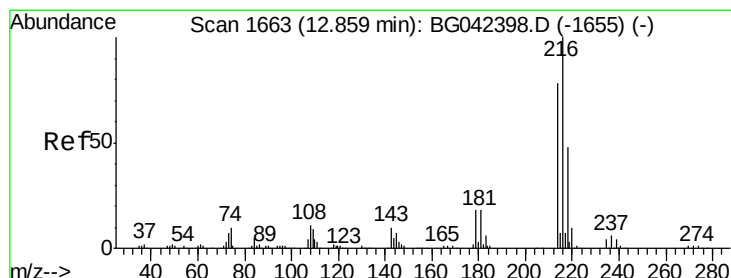
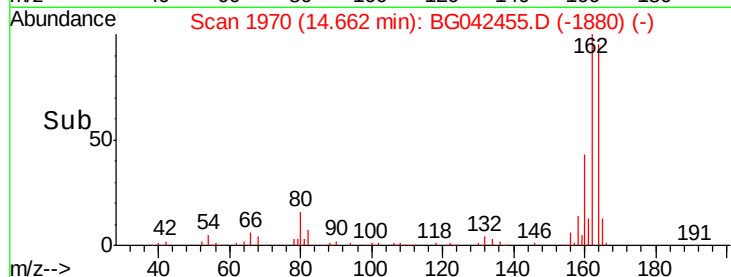
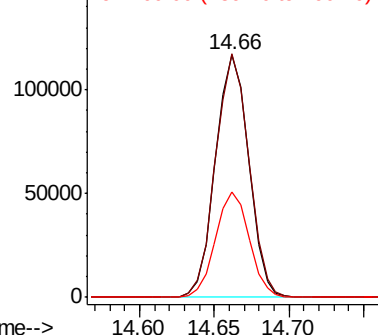


Abundance

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: 46.030 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:216 Resp: 266284

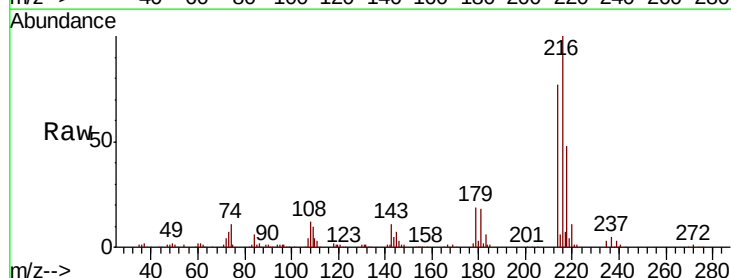
Ion Ratio Lower Upper

216 100

214 77.0 61.4 92.2

179 19.0 15.1 22.7

108 12.8 9.4 14.0



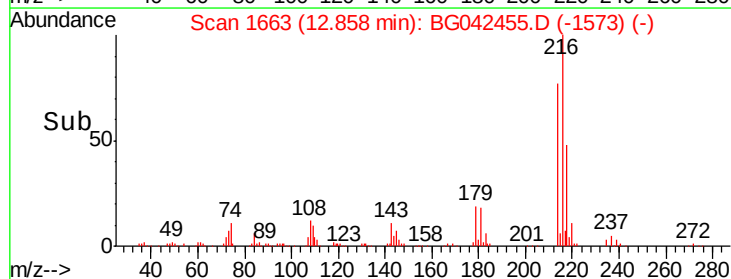
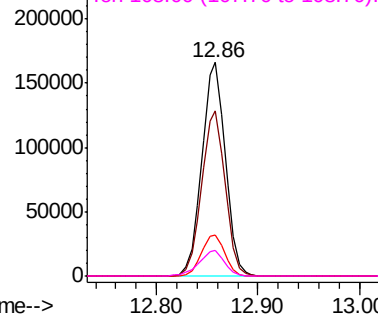
Abundance

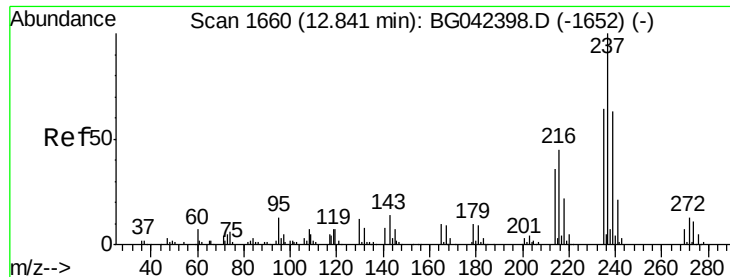
Ion 216.00 (215.70 to 216.70): E

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

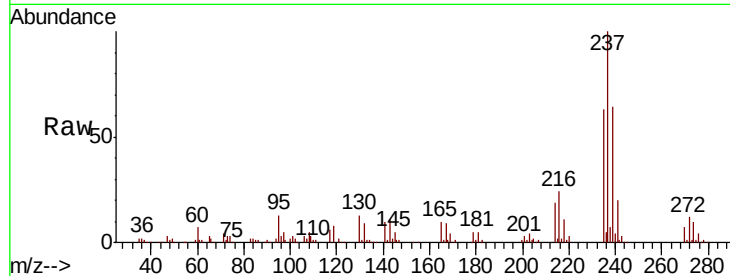




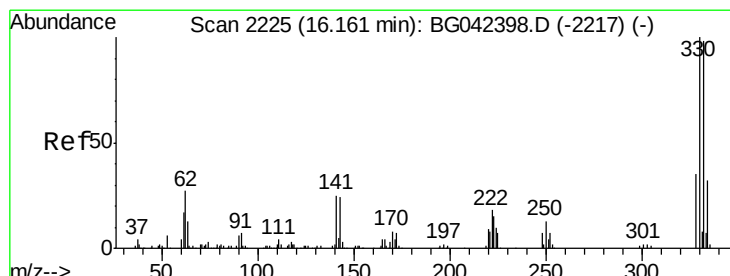
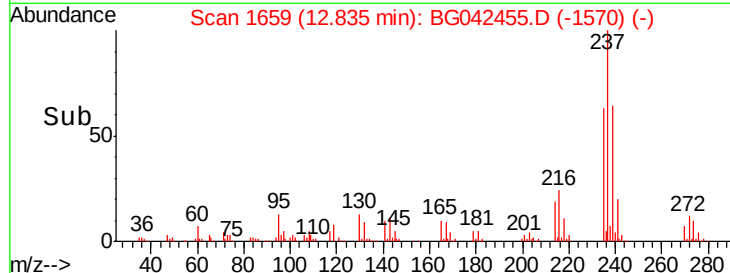
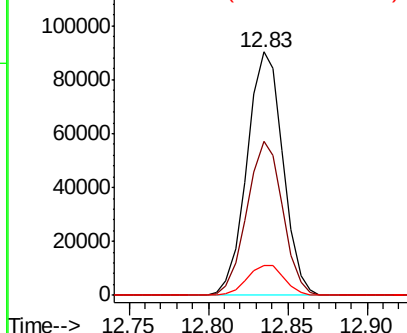
#41
Hexachlorocyclopentadiene
Concen: 46.742 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 142040
Ion Ratio Lower Upper
237 100
235 63.5 43.7 83.7
272 12.3 0.0 33.3

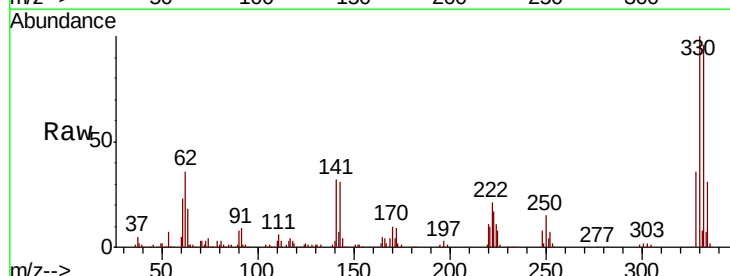


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

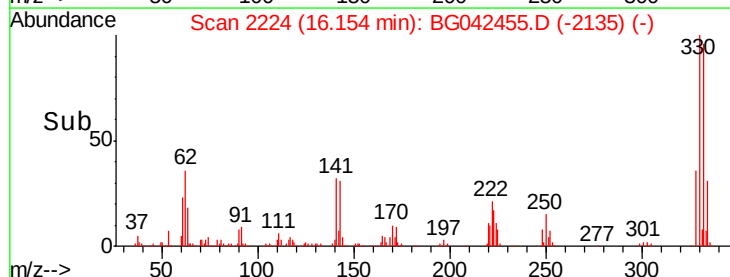
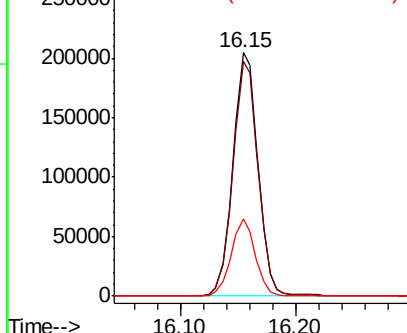


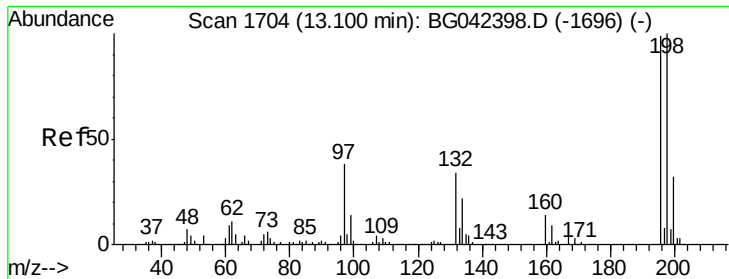
#42
2,4,6-Tribromophenol
Concen: 120.080 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:330 Resp: 307455
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 30.8 21.4 32.0



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

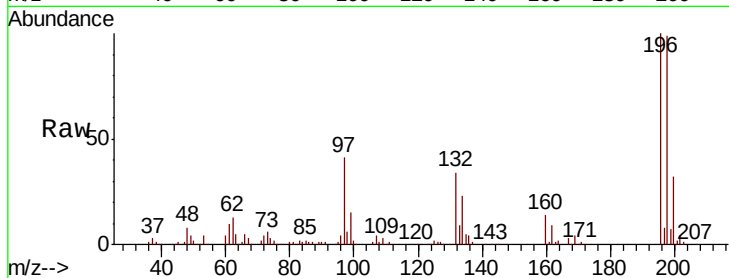




#43
 2,4,6-Trichlorophenol
 Concen: 45.523 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	178007
Ion Ratio	Lower	Upper	
196	100		
198	98.7	80.7	121.1
200	32.1	25.7	38.5

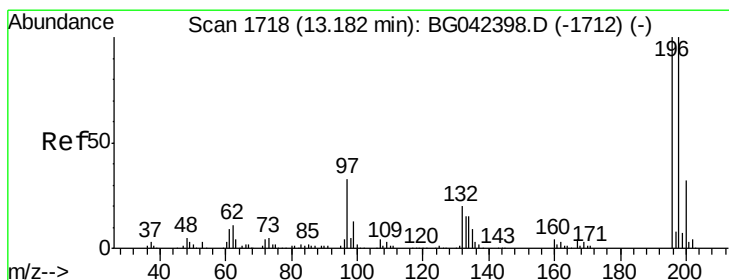
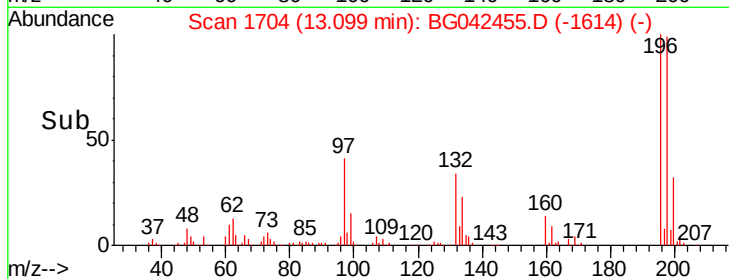
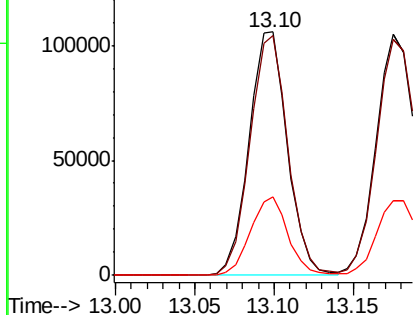


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.574 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	196	Resp	188723
Ion Ratio	Lower	Upper	
196	100		
198	98.2	80.2	120.4
97	36.2	26.3	39.5
132	24.1	16.6	24.8

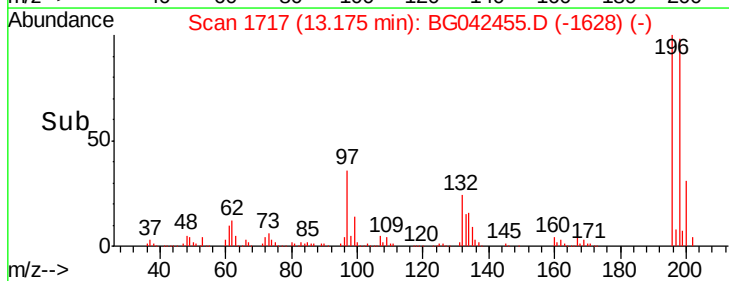
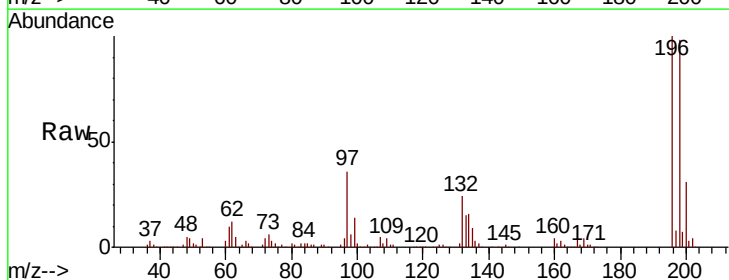
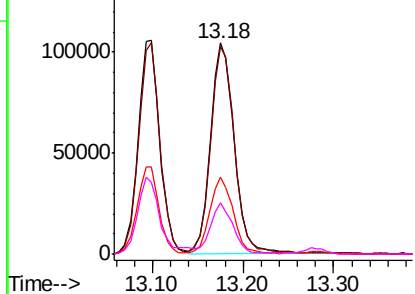
Abundance

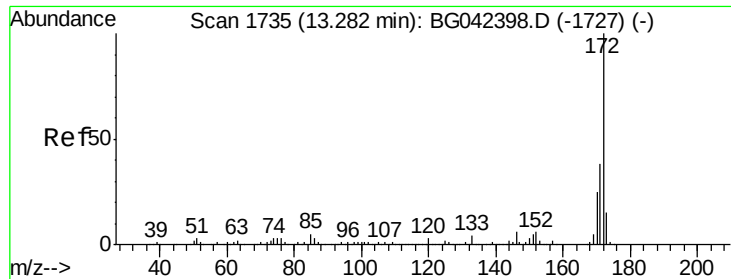
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

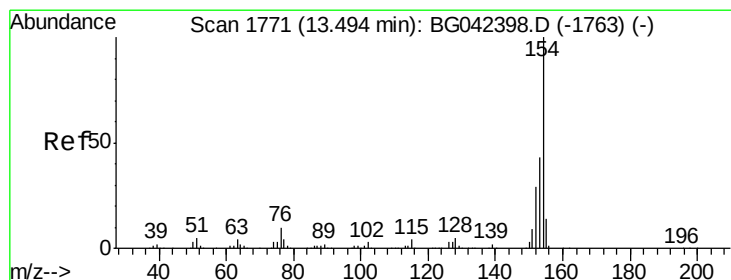
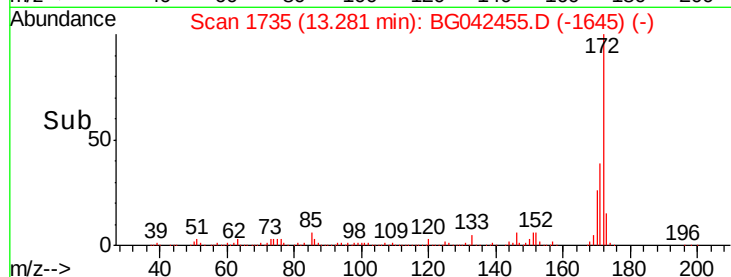
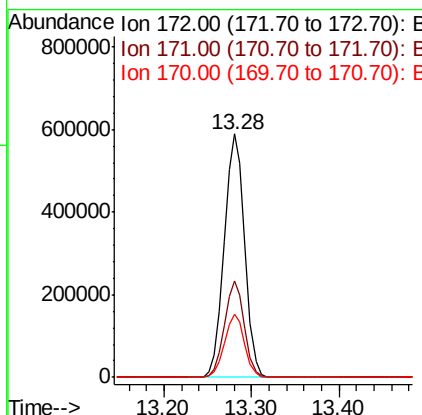
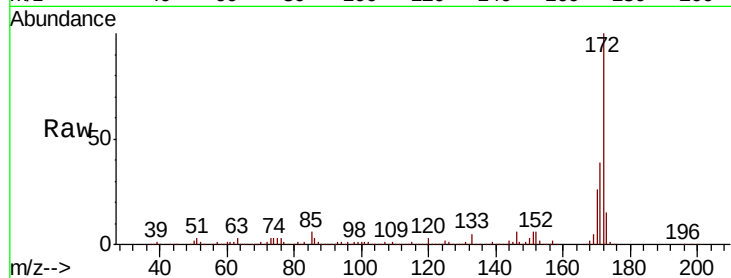




#45
2-Fluorobiphenyl
Concen: 88.514 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

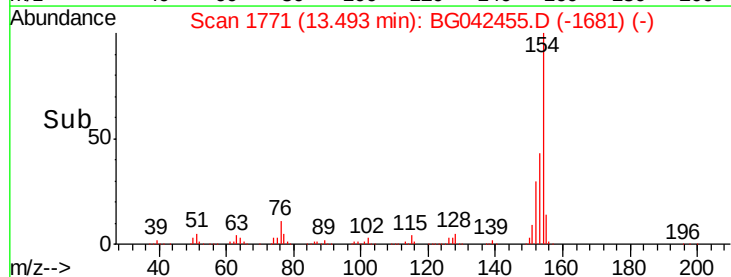
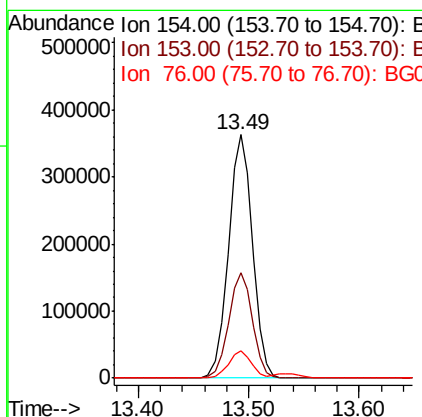
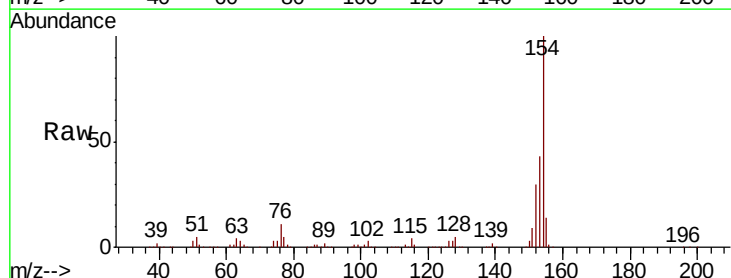
Instrument :
BNA_G
ClientSampleId :

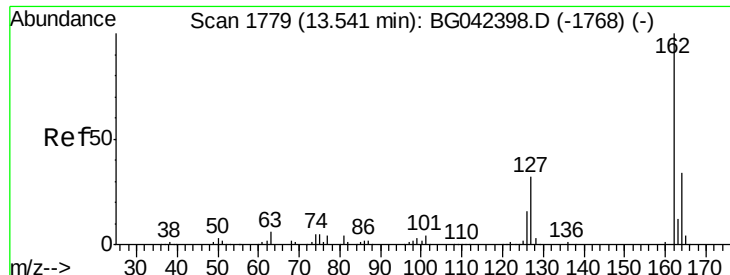
Tot Ion:172 Resp: 942775
Ion Ratio Lower Upper
172 100
171 39.3 30.5 45.7
170 25.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 47.267 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:154 Resp: 550401
Ion Ratio Lower Upper
154 100
153 43.4 23.0 63.0
76 11.2 0.0 29.6

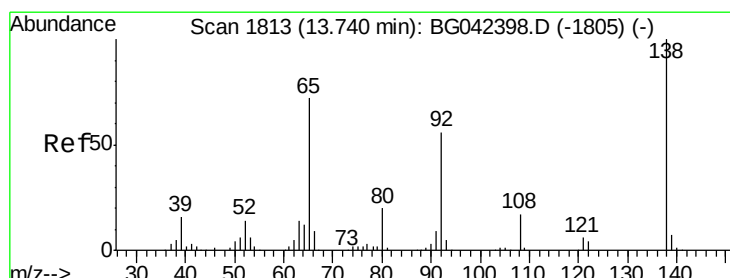
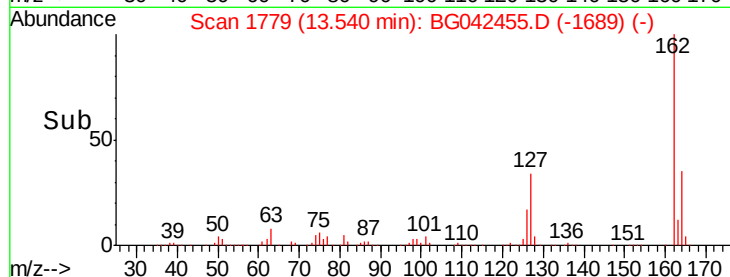
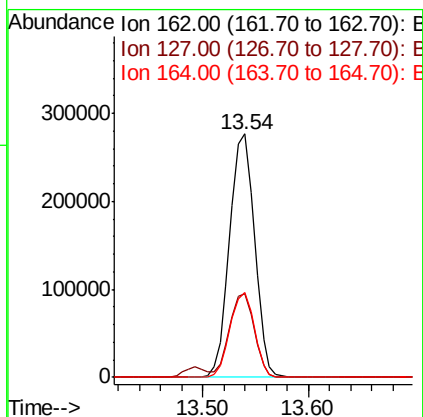
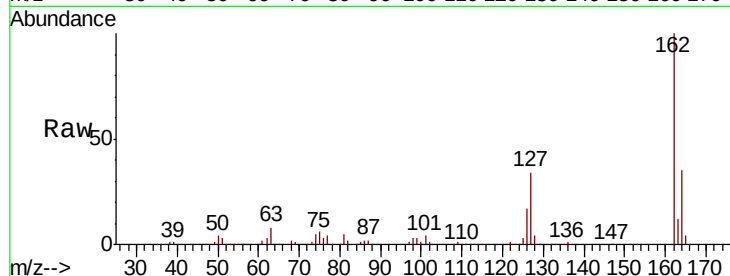




#47
 2-Chloronaphthalene
 Concen: 45.055 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

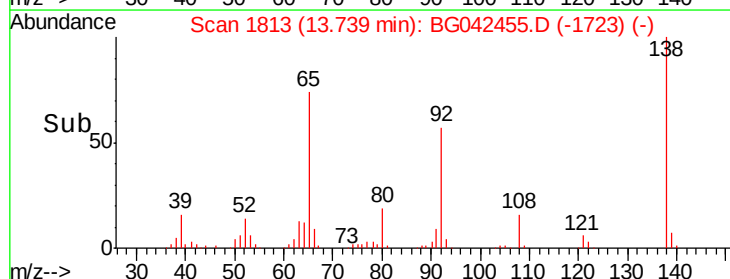
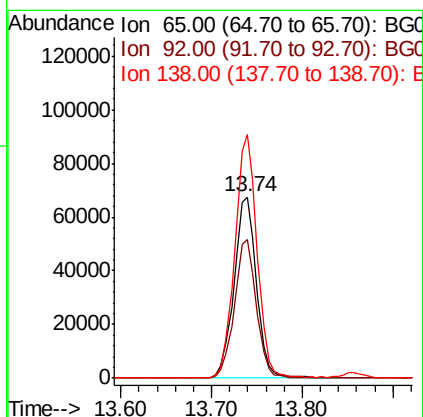
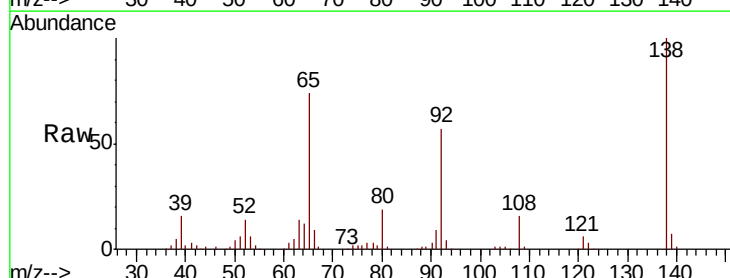
Instrument :
 BNA_G
 ClientSampleId :

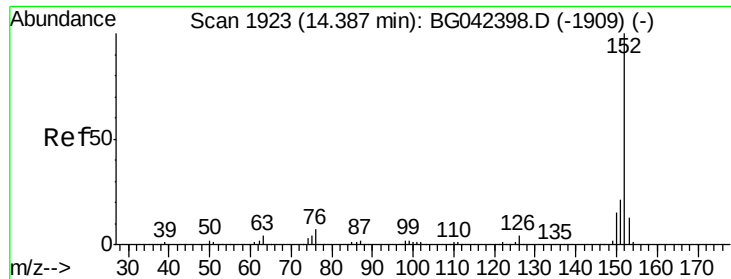
Tot Ion:162 Resp: 452376
 Ion Ratio Lower Upper
 162 100
 127 34.5 26.0 39.0
 164 34.7 27.4 41.0



#48
 2-Nitroaniline
 Concen: 48.190 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion: 65 Resp: 116679
 Ion Ratio Lower Upper
 65 100
 92 76.7 61.8 92.6
 138 134.5 111.0 166.6





#49

Acenaphthylene

Concen: 47.095 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

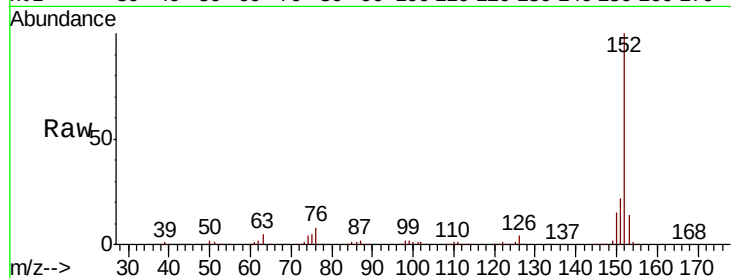
Tot Ion:152 Resp: 711410

Ion Ratio Lower Upper

152 100

151 21.9 17.0 25.4

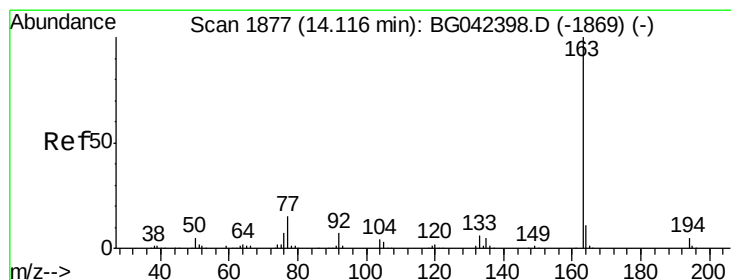
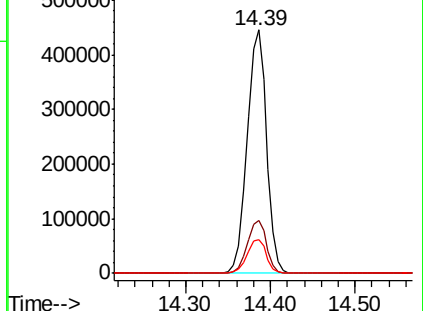
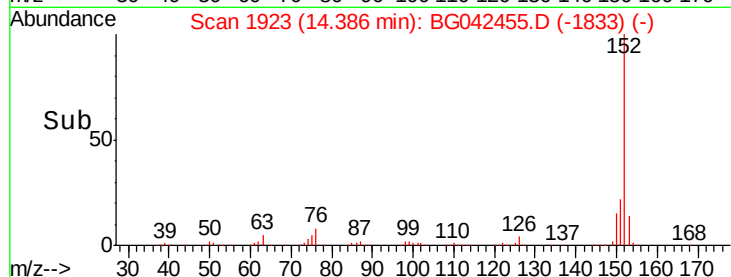
153 13.7 10.6 16.0



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: 55.572 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

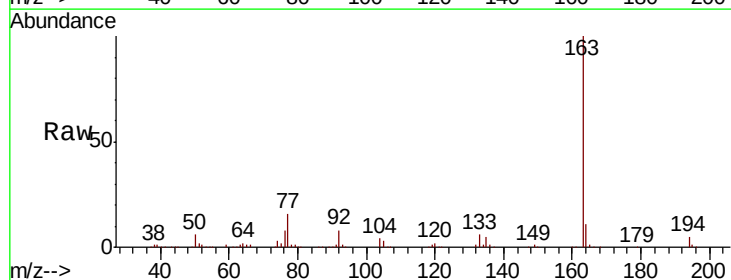
Tgt Ion:163 Resp: 722317

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

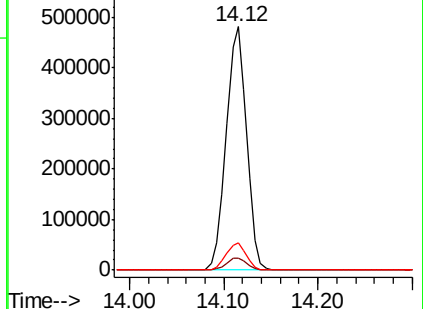
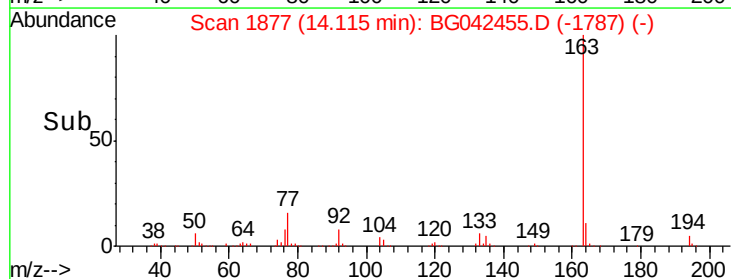
164 11.1 8.8 13.2

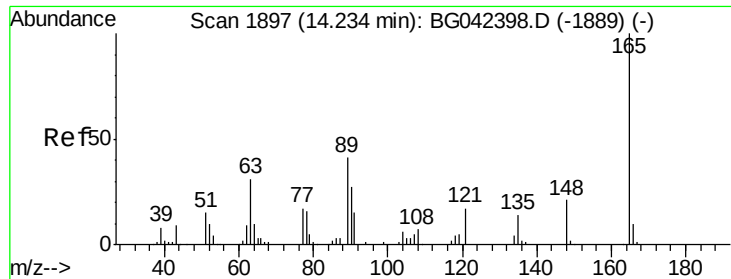


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.246 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

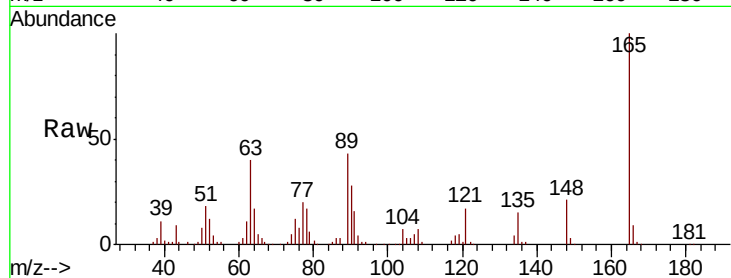
Tot Ion:165 Resp: 133304

Ion Ratio Lower Upper

165 100

63 39.7 30.6 45.8

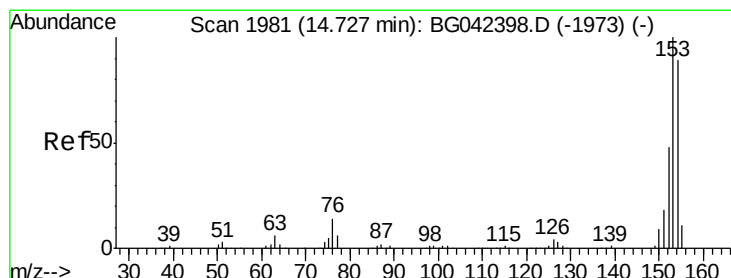
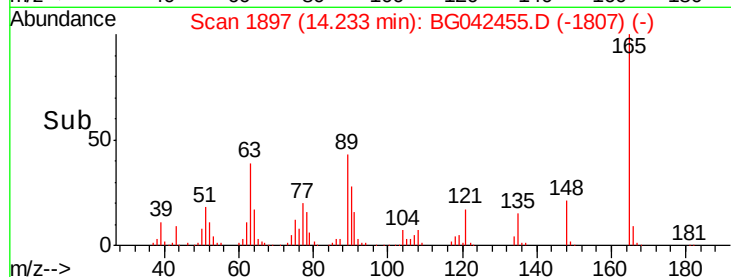
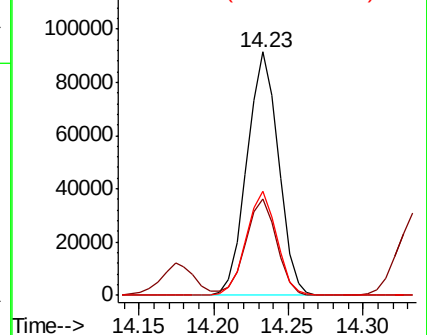
89 42.7 32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 45.394 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

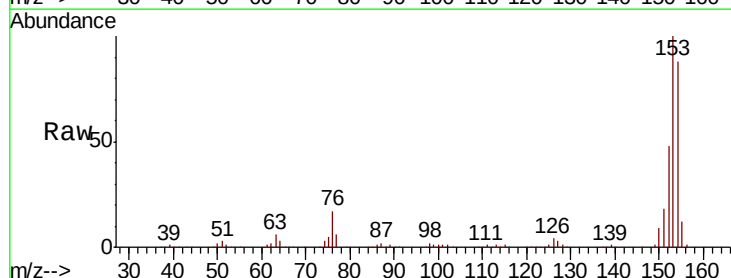
Tgt Ion:154 Resp: 416377

Ion Ratio Lower Upper

154 100

153 114.1 90.2 135.4

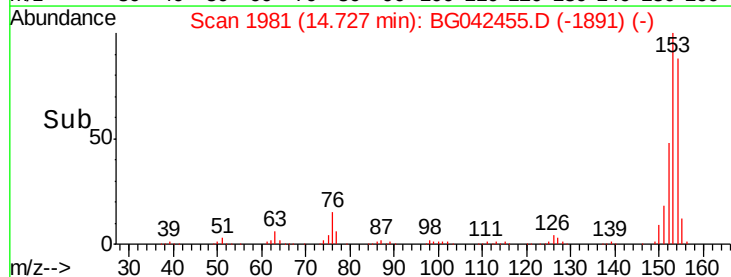
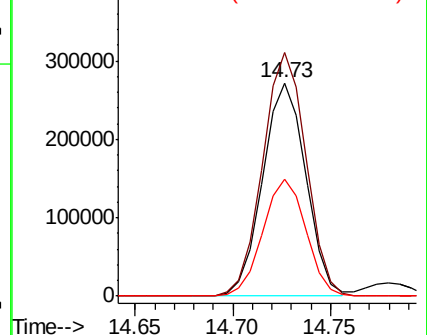
152 54.8 43.2 64.8

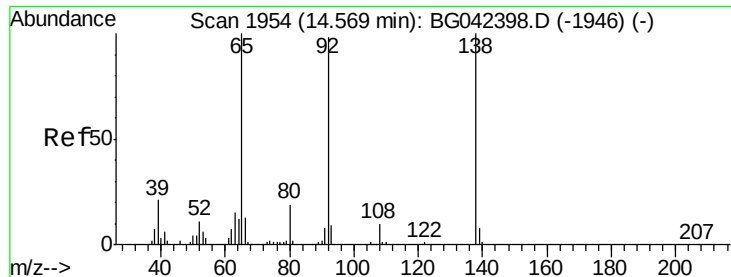


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 36.057 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

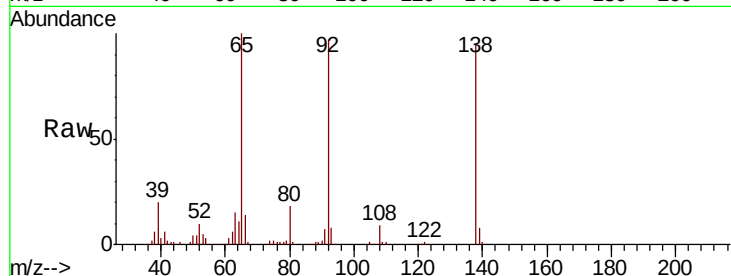
Tot Ion:138 Resp: 108643

Ion Ratio Lower Upper

138 100

108 9.1 8.3 12.5

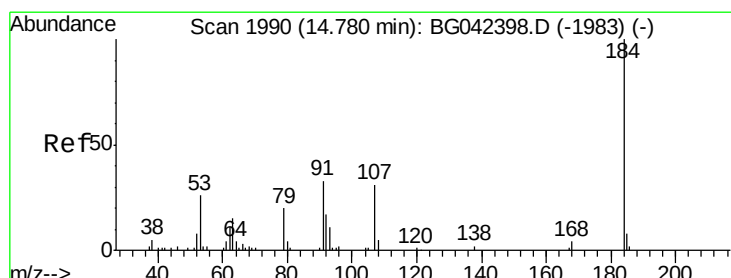
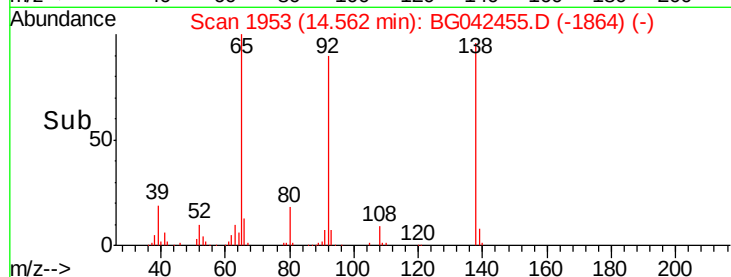
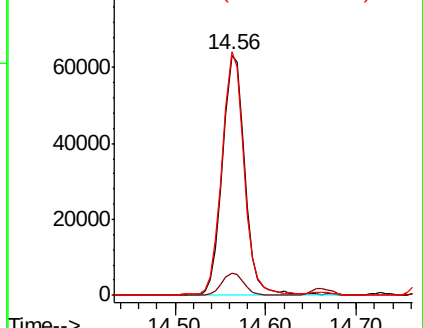
92 101.5 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 35.722 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

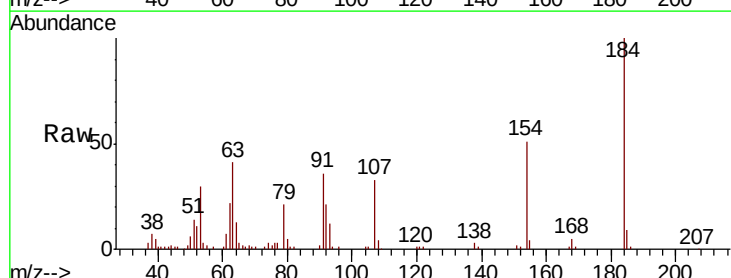
Tgt Ion:184 Resp: 64912

Ion Ratio Lower Upper

184 100

63 41.3 31.7 47.5

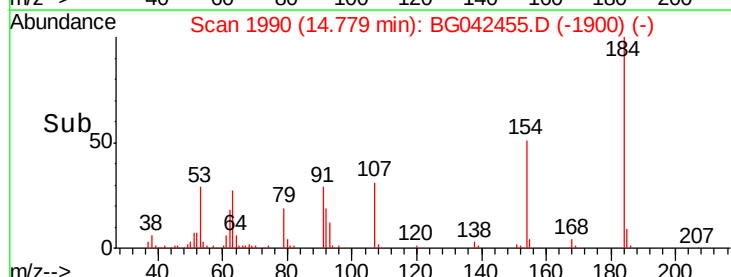
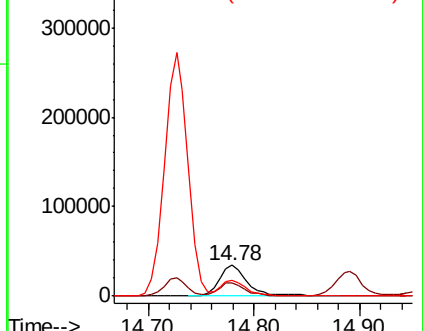
154 50.9 42.0 63.0

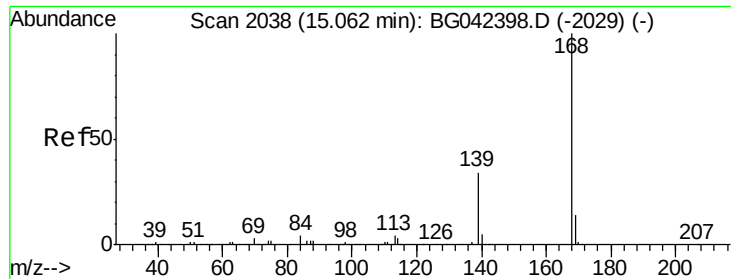


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.668 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampled :

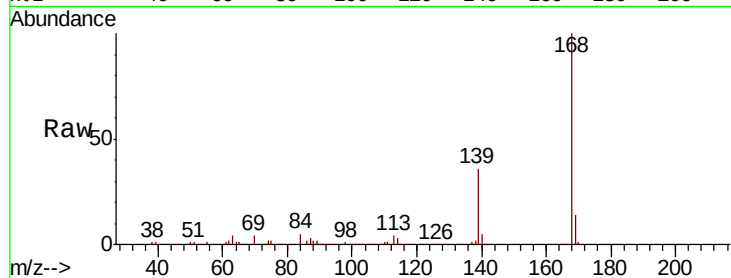
Tot Ion:168 Resp: 693374

Ion Ratio Lower Upper

168 100

139 35.6 27.2 40.8

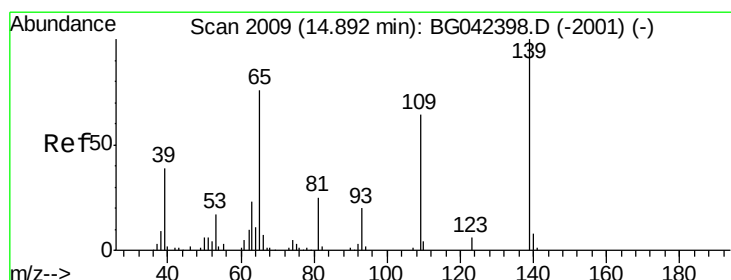
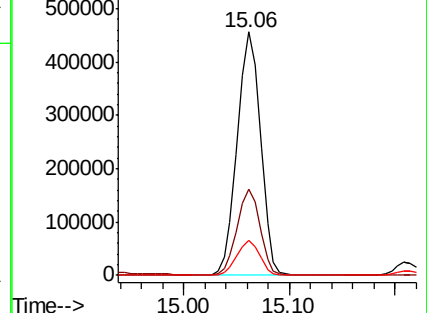
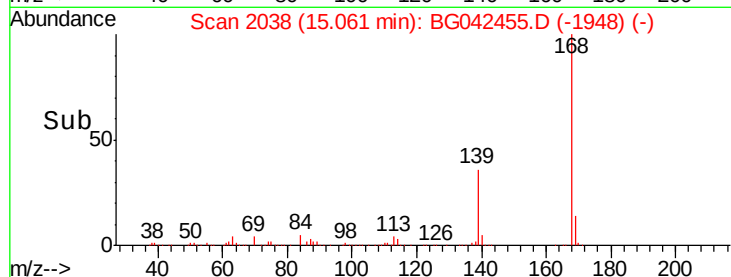
169 14.4 11.5 17.3



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: 110.523 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

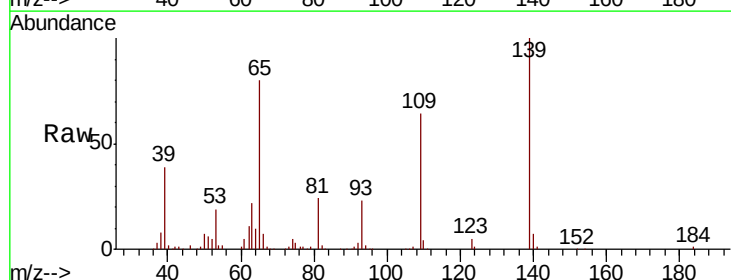
Tgt Ion:139 Resp: 236632

Ion Ratio Lower Upper

139 100

109 63.5 43.9 83.9

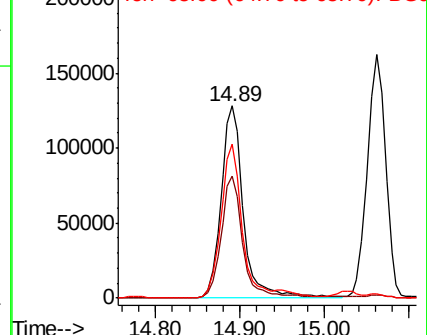
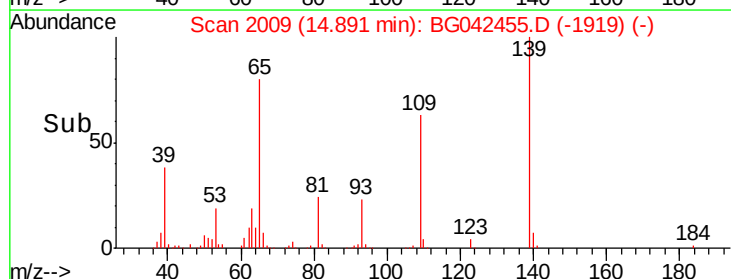
65 79.8 56.3 96.3

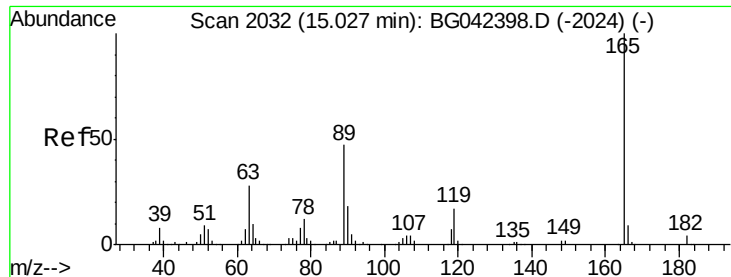


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

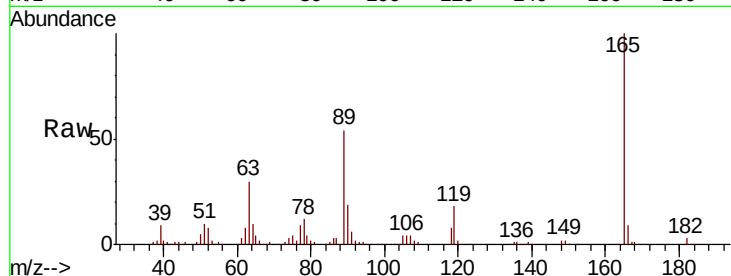




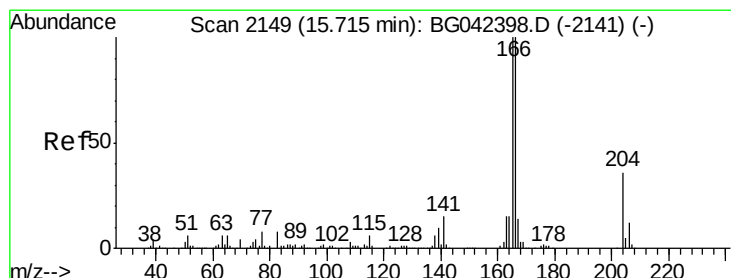
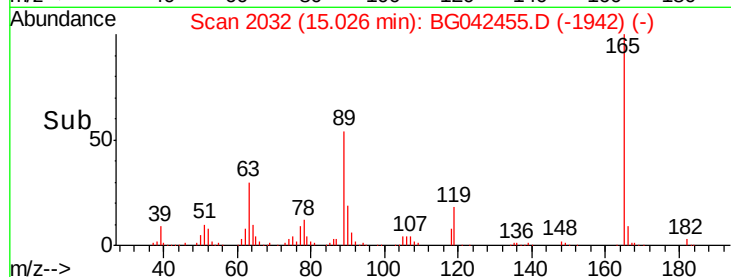
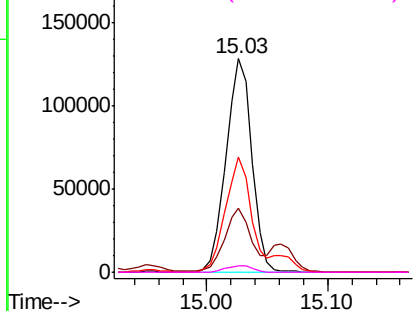
#57
 2,4-Dinitrotoluene
 Concen: 44.001 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	189834
Ion Ratio	Lower	Upper
165	100	
63	29.9	22.5 33.7
89	54.1	37.8 56.6
182	3.1	3.0 4.4

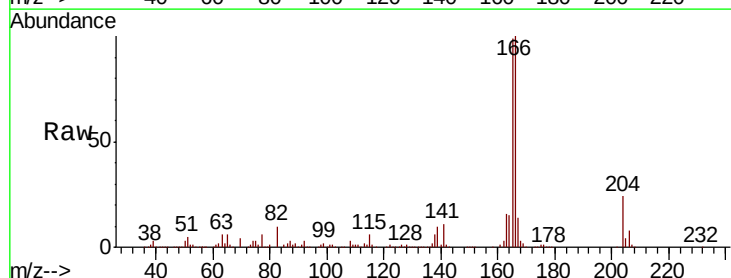


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

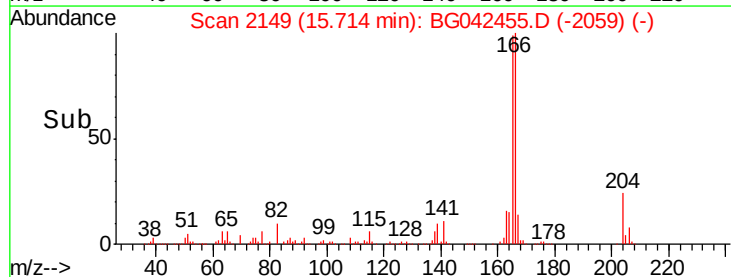
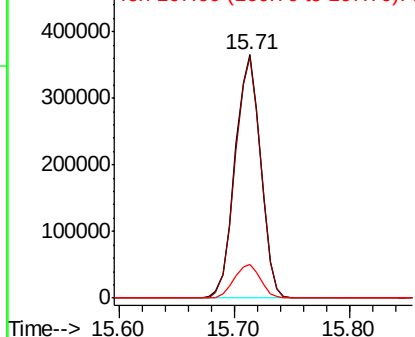


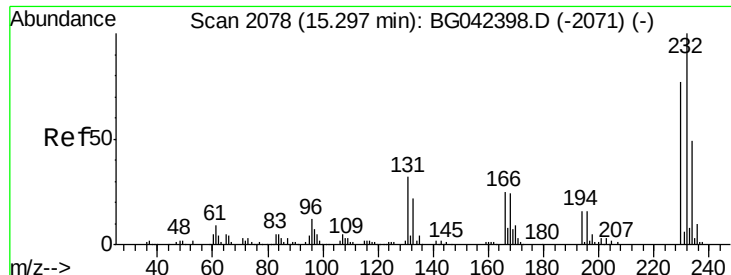
#58
 Fluorene
 Concen: 45.040 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion:166	Resp:	559010
Ion Ratio	Lower	Upper
166	100	
165	98.8	79.7 119.5
167	13.9	10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

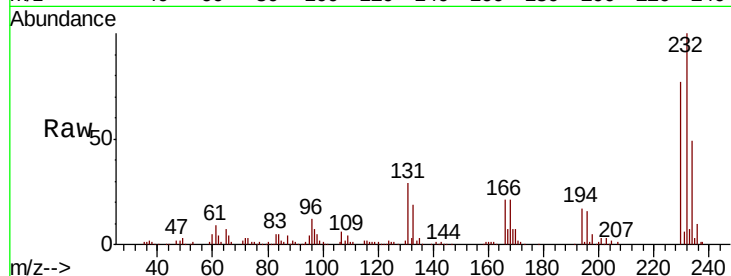




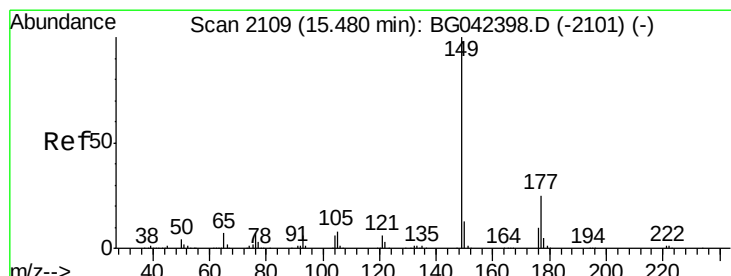
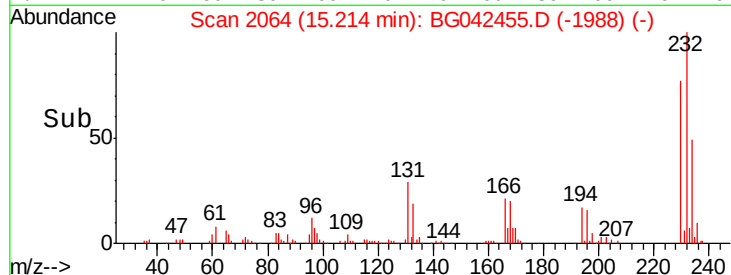
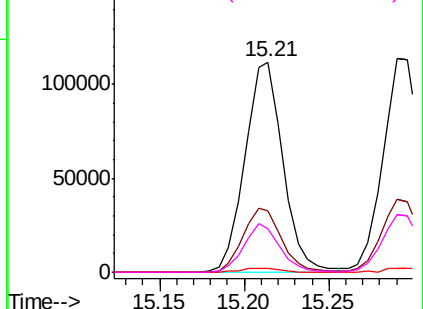
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.763 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.08 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	175368
Ion Ratio	Lower	Upper
232 100		
131 30.7	22.9	34.3
130 2.0	1.4	2.0
166 22.0	17.0	25.4

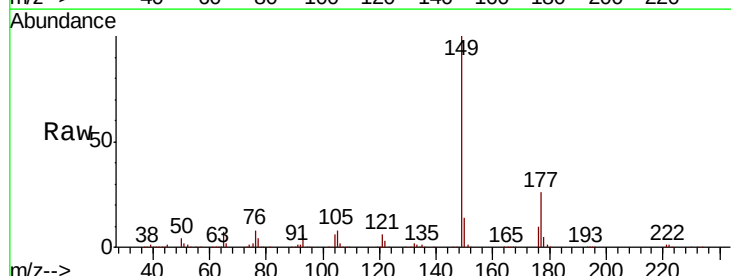


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

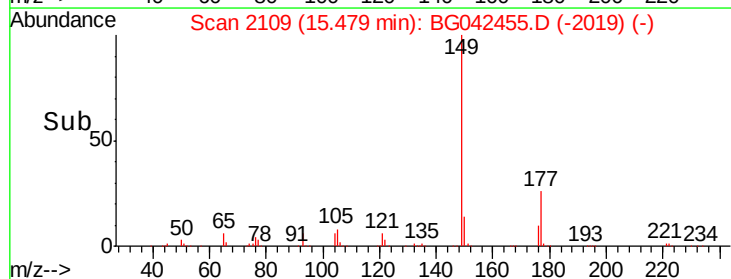
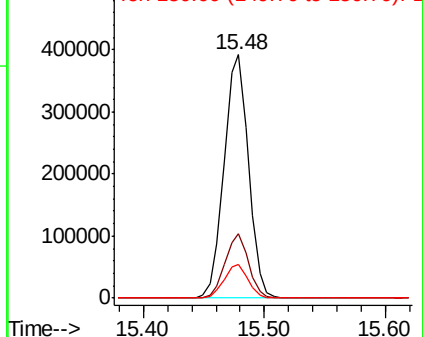


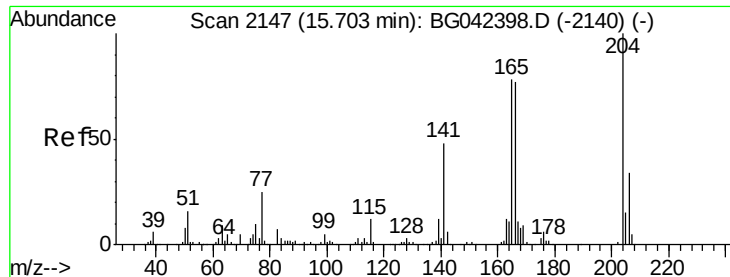
#60
 Diethylphthalate
 Concen: 43.092 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion:149	Resp:	547528
Ion Ratio	Lower	Upper
149 100		
177 26.3	20.4	30.6
150 13.8	10.3	15.5



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

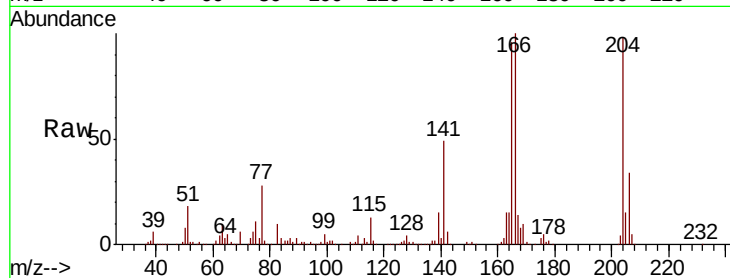




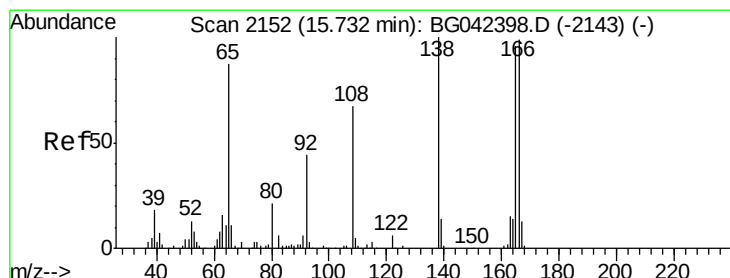
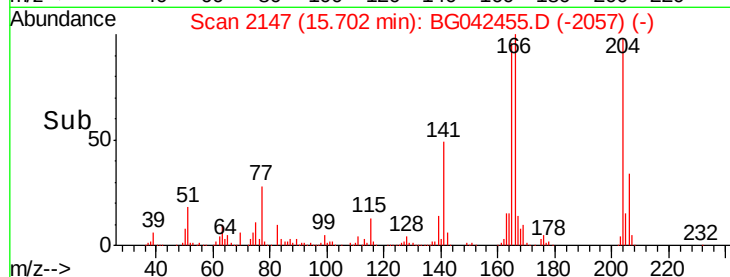
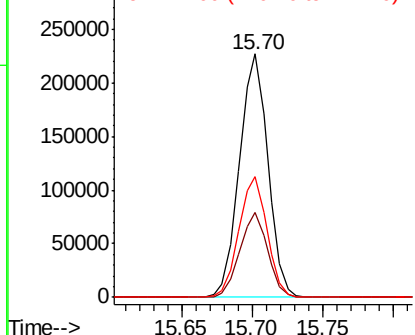
#61
4-Chlorophenyl-phenylether
Concen: 42.703 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 319494
Ion Ratio Lower Upper
204 100
206 35.1 27.2 40.8
141 49.5 38.7 58.1

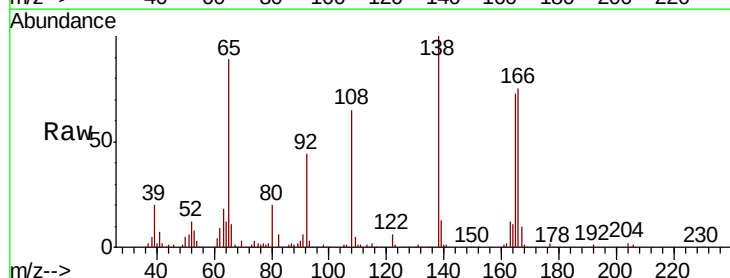


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

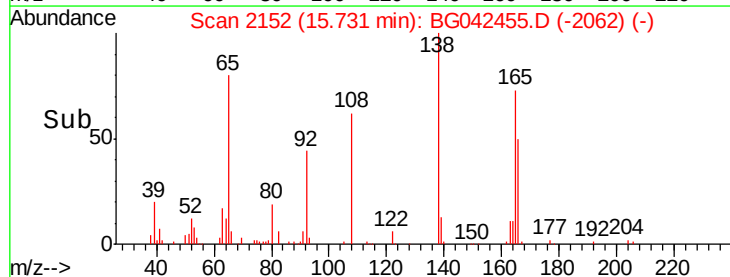
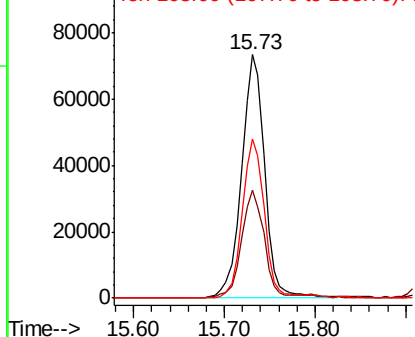


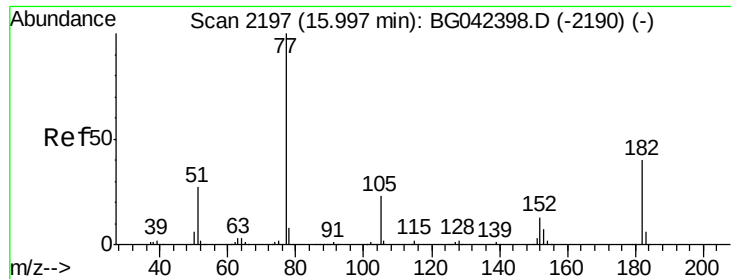
#62
4-Nitroaniline
Concen: 40.196 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:138 Resp: 129624
Ion Ratio Lower Upper
138 100
92 44.3 24.2 64.2
108 65.2 46.8 86.8



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

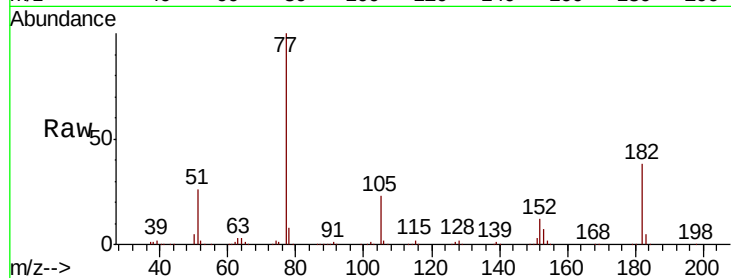




#63
Azobenzene
Concen: 49.004 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	37.9	19.9	59.9	
105	22.7	2.9	42.9	
51	26.2	7.6	47.6	



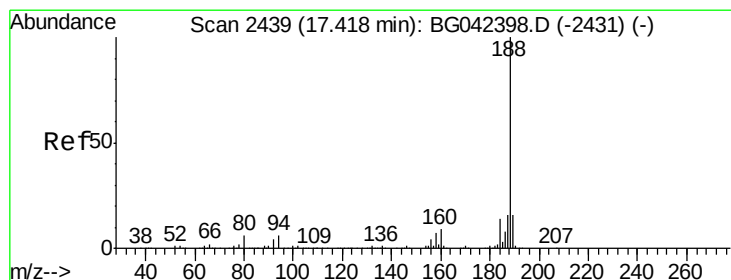
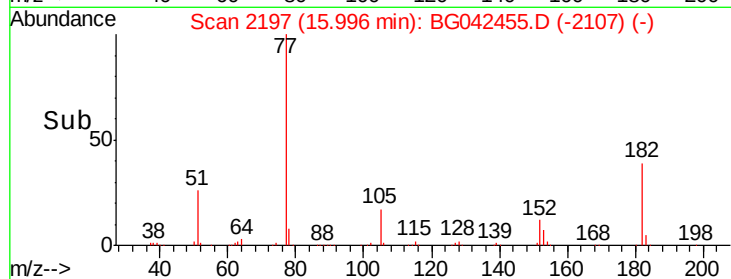
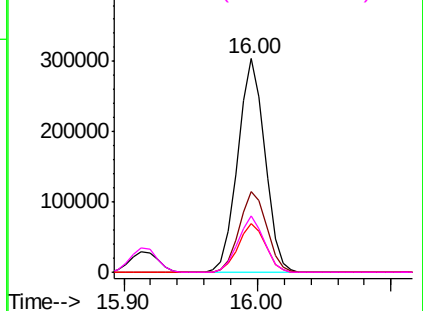
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

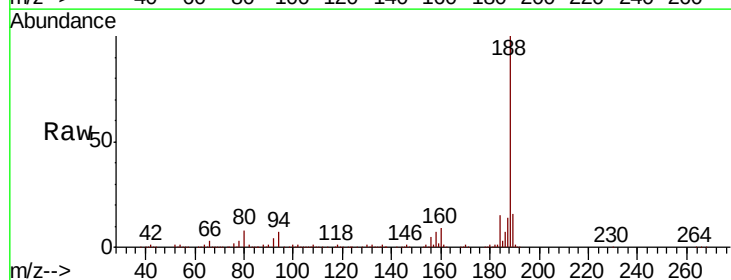
Ion 105.00 (104.70 to 105.70): BGC

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. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.4	4.5	6.7#	
80	7.7	4.9	7.3#	

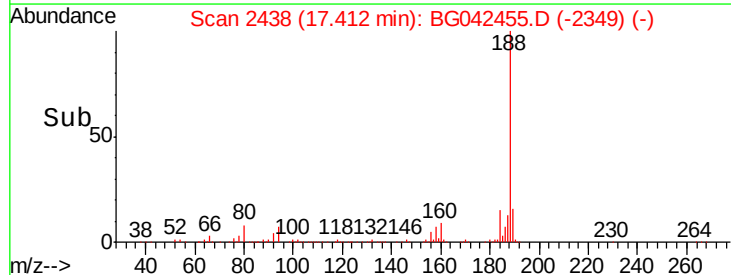
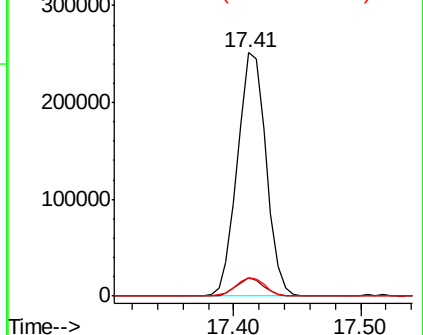


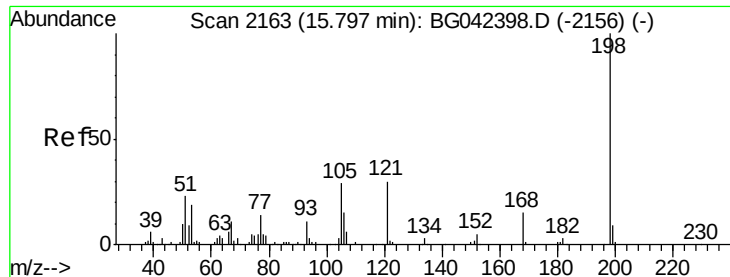
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 24.466 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

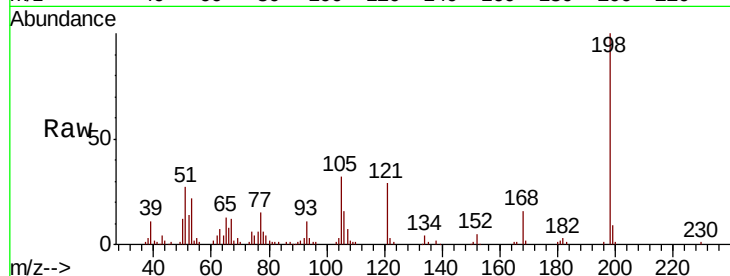
Tot Ion:198 Resp: 60406

Ion Ratio Lower Upper

198 100

51 26.7 4.2 44.2

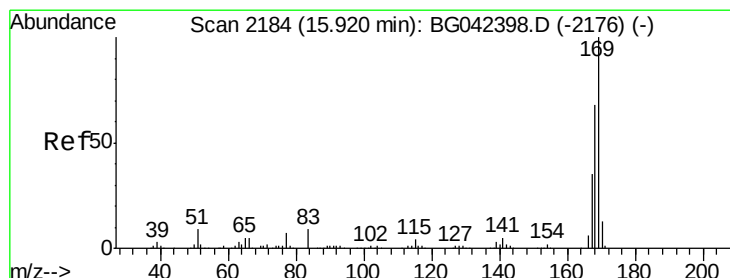
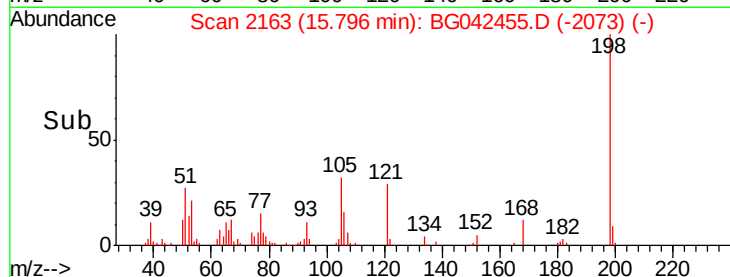
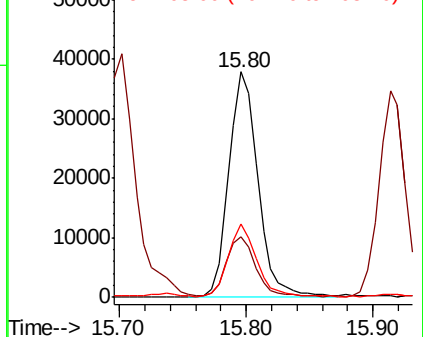
105 32.4 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.388 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

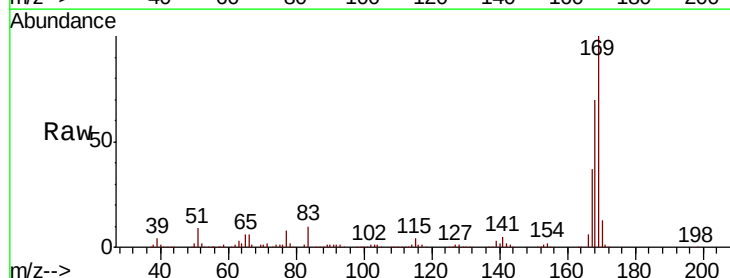
Tgt Ion:169 Resp: 513199

Ion Ratio Lower Upper

169 100

168 70.3 54.3 81.5

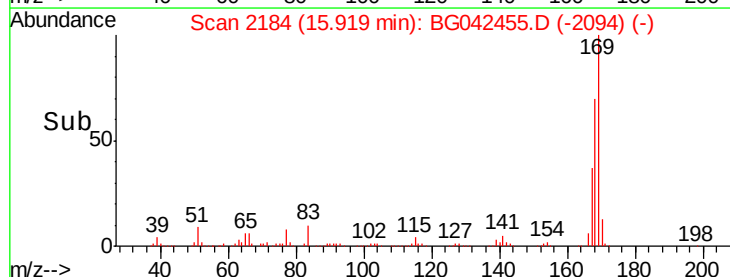
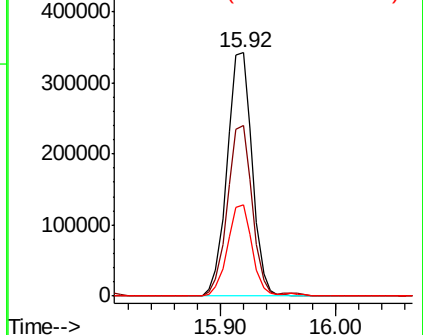
167 37.3 28.2 42.2

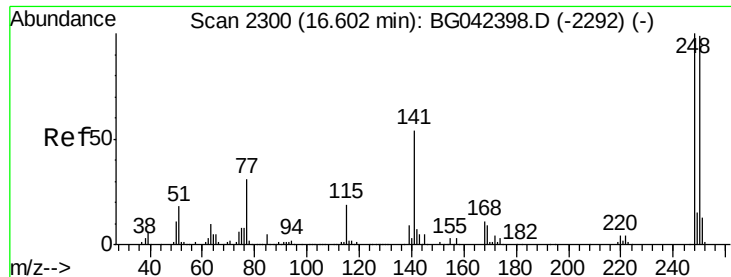


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

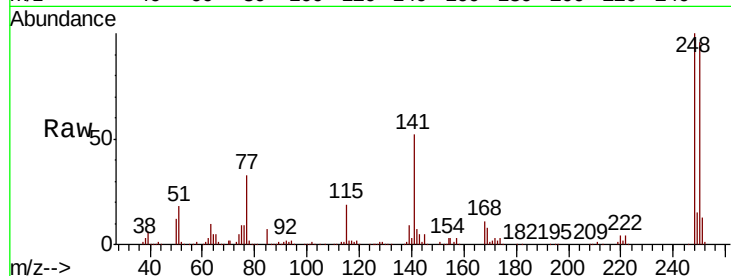




#67
 4-Bromophenyl-phenylether
 Concen: 43.990 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.9	118.3
141	52.2	43.3	64.9

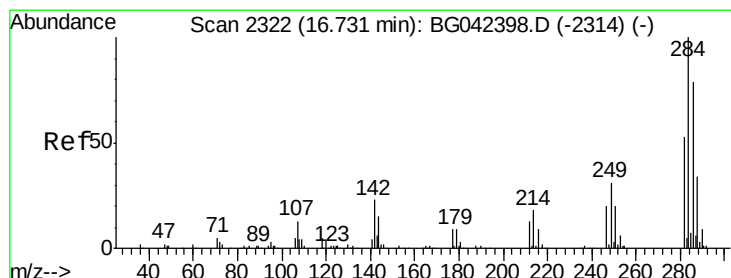
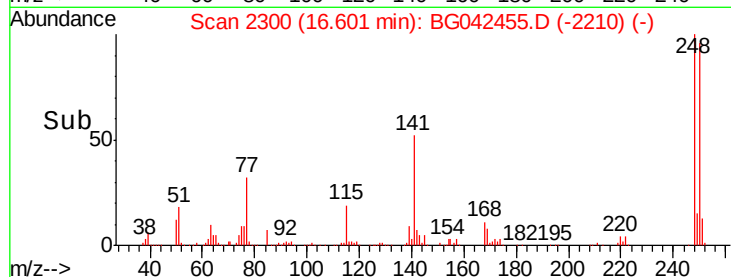
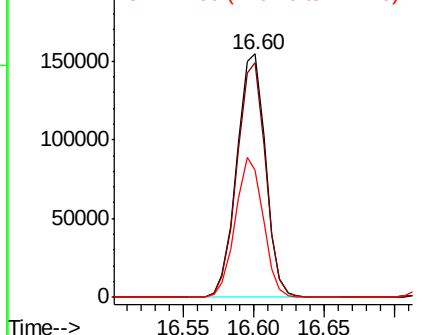


Abundance

Ion 248.00 (247.70 to 248.70): E

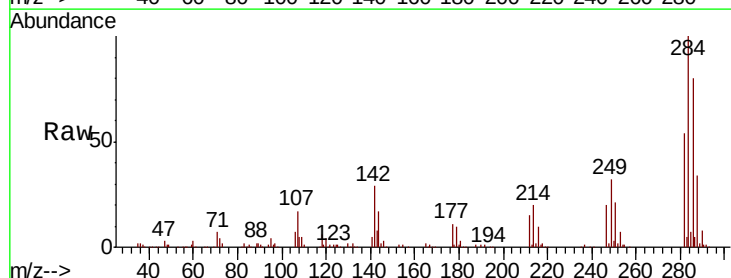
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.566 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042455.D
 Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	18.2	27.4#
249	32.0	25.0	37.4

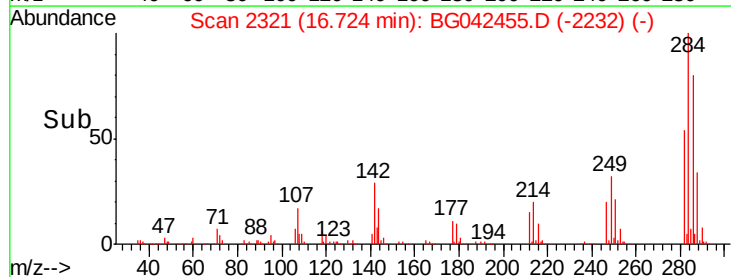
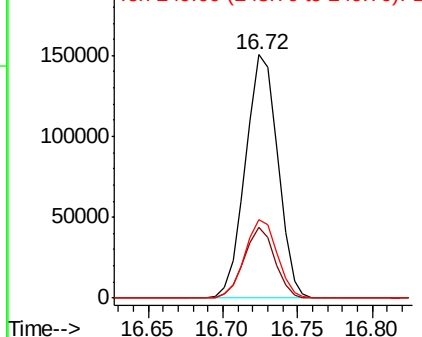


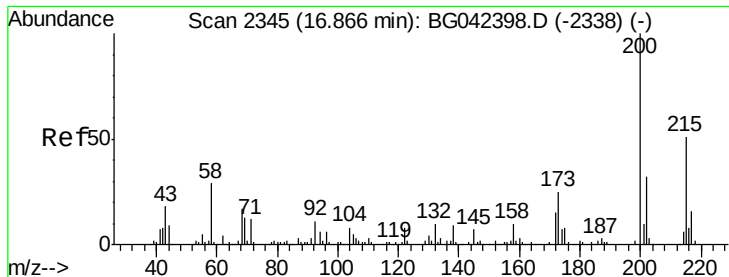
Abundance

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: 49.855 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

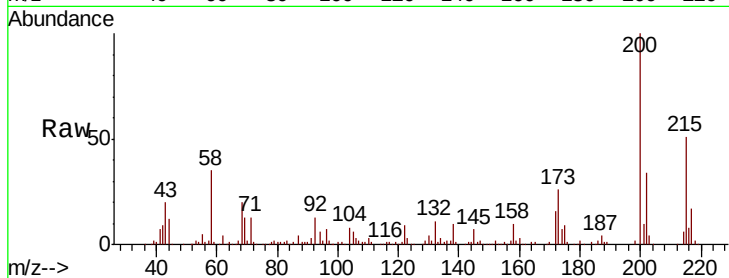
Tot Ion:200 Resp: 190931

Ion Ratio Lower Upper

200 100

173 25.6 4.9 44.9

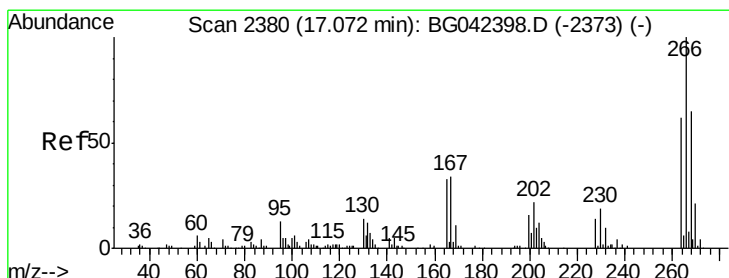
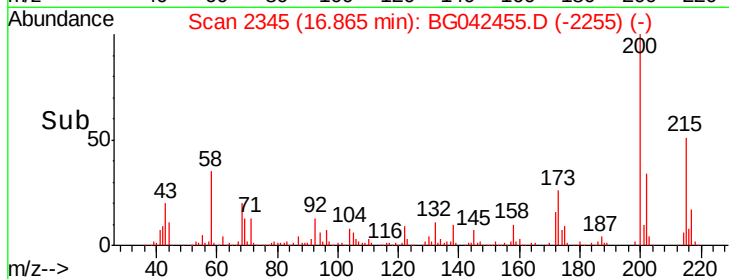
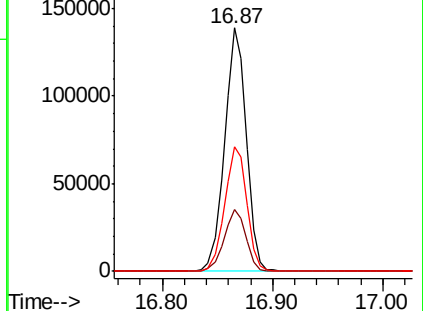
215 51.0 30.7 70.7



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: 95.950 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

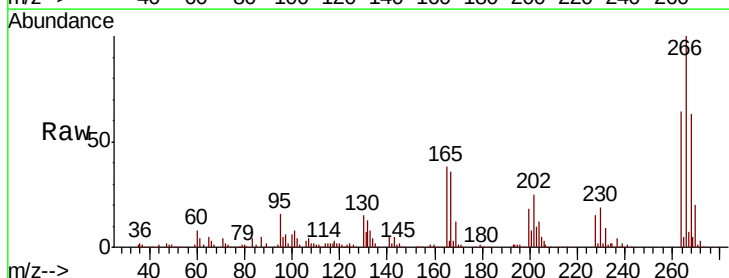
Tgt Ion:266 Resp: 270709

Ion Ratio Lower Upper

266 100

268 62.9 52.1 78.1

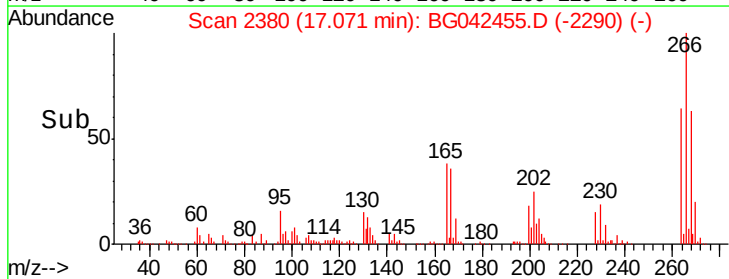
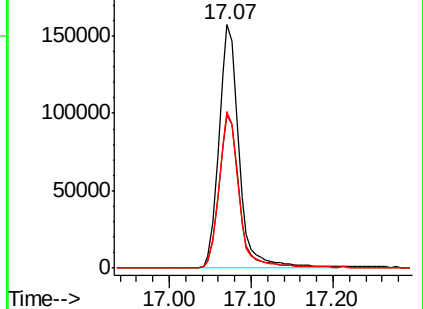
264 64.1 49.4 74.2

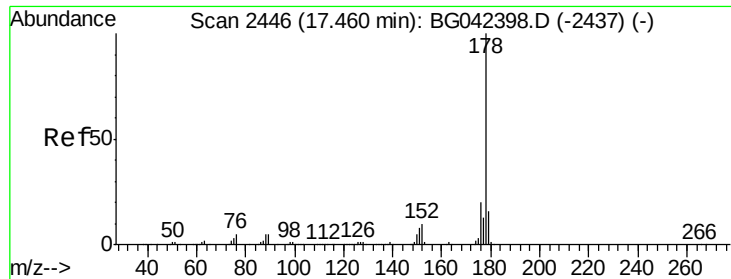


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

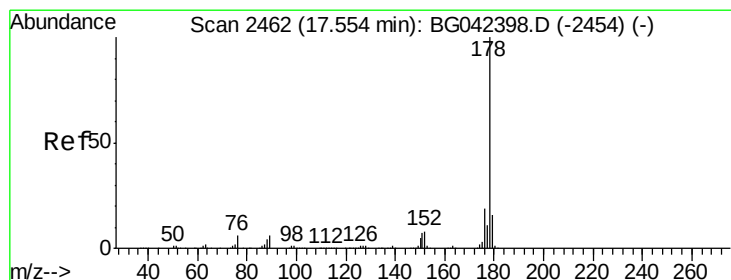
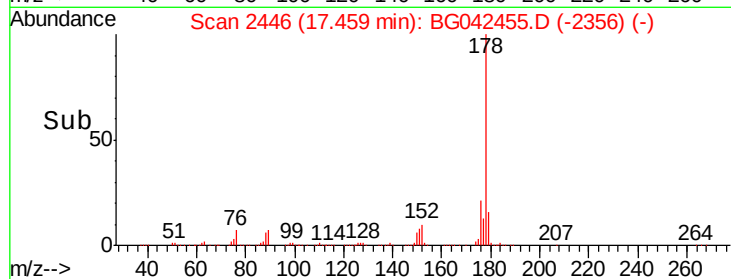
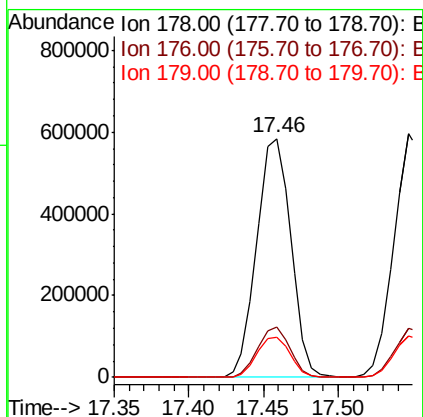
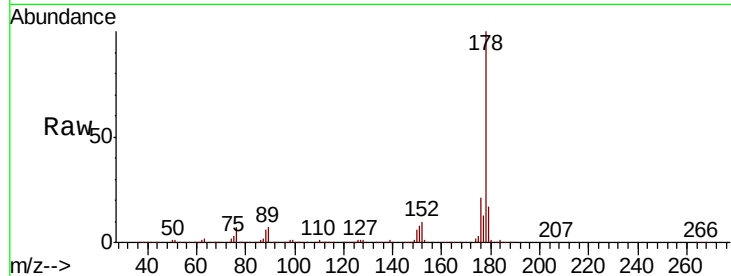




#71
Phenanthrene
Concen: 47.283 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

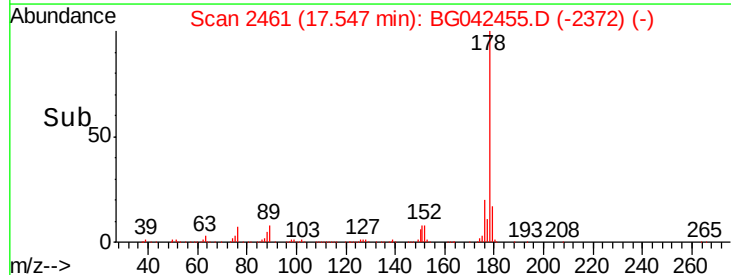
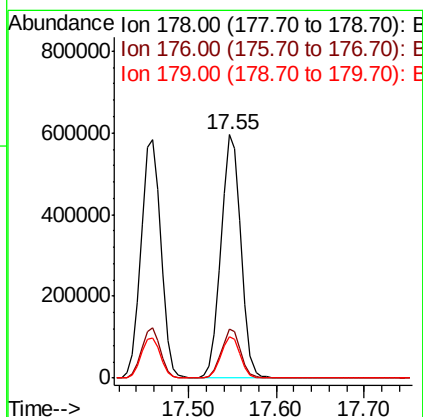
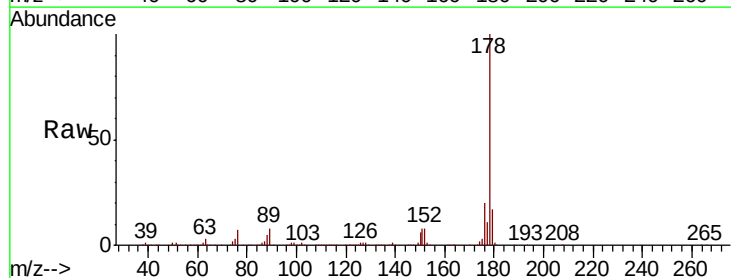
Instrument :
BNA_G
ClientSampleId :

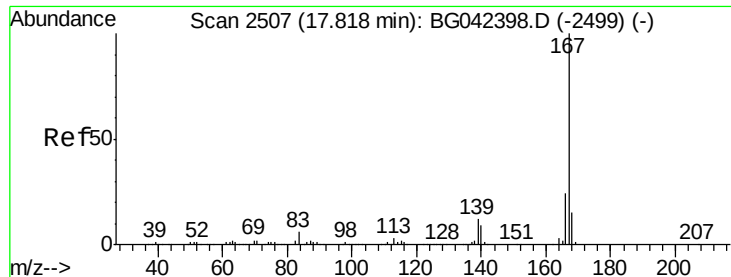
Tot Ion:178 Resp: 924894
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 16.7 12.7 19.1



#72
Anthracene
Concen: 48.243 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:178 Resp: 942054
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 17.1 12.9 19.3





#73

Carbazole

Concen: 47.595 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

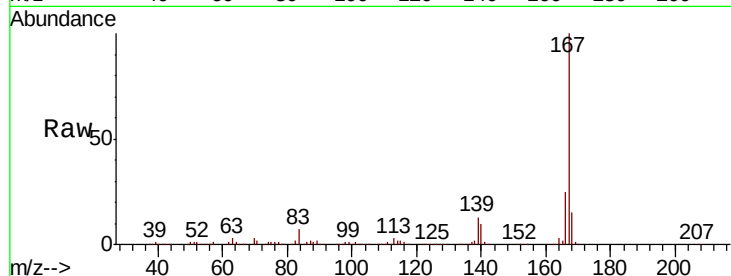
Tot Ion:167 Resp: 828322

Ion Ratio Lower Upper

167 100

166 24.7 18.9 28.3

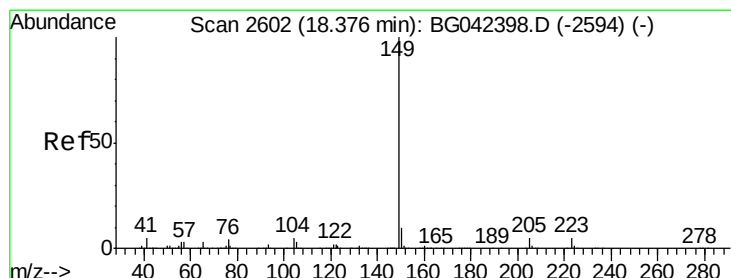
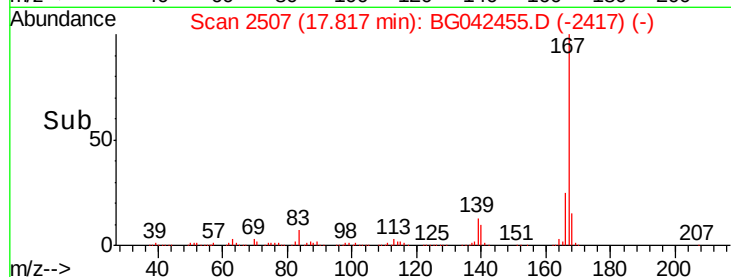
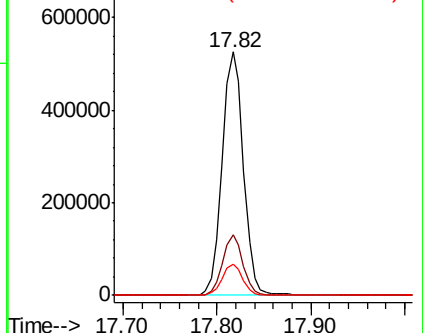
139 12.9 9.8 14.6



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: 47.371 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

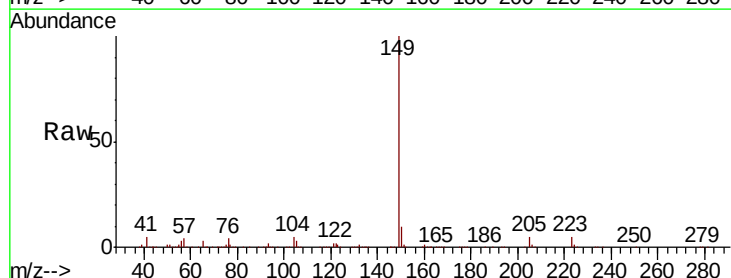
Tgt Ion:149 Resp: 974553

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

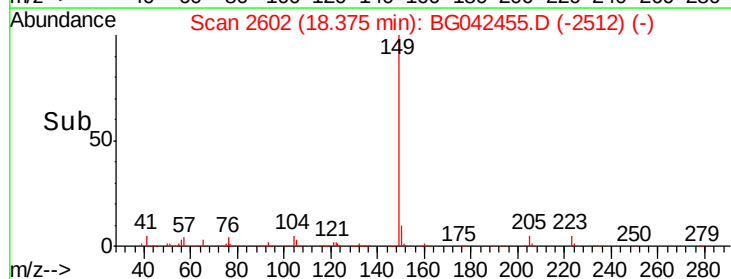
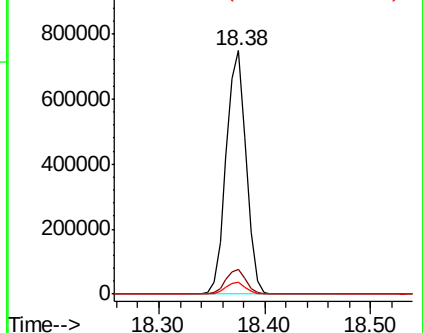
104 4.8 3.7 5.5

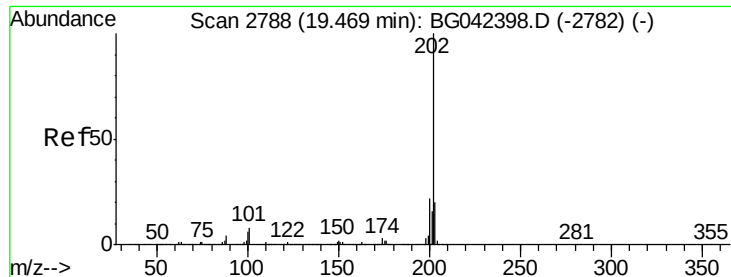


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.490 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

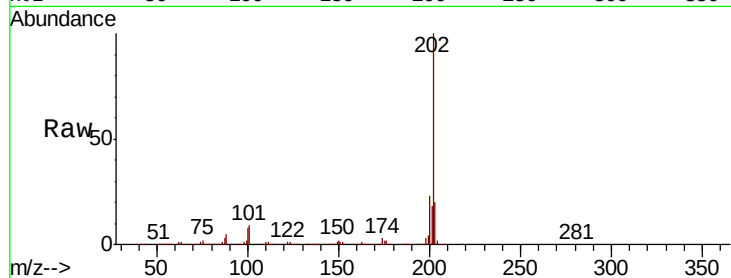
Tot Ion:202 Resp: 1157574

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.3

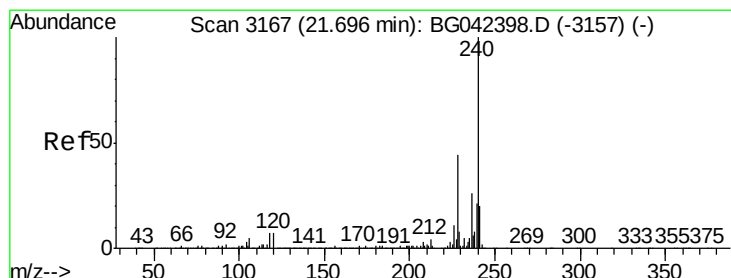
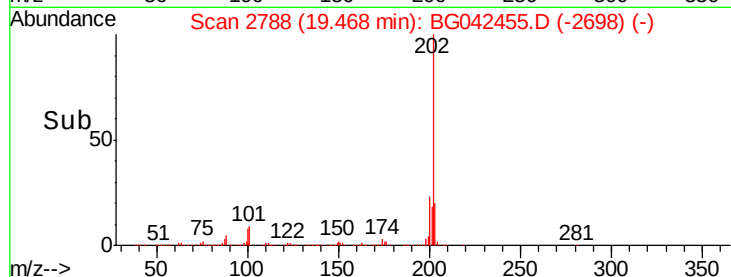
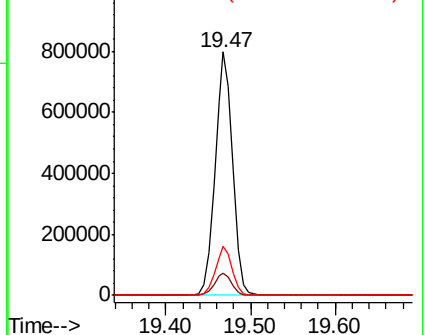
203 20.1 0.0 39.6



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: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

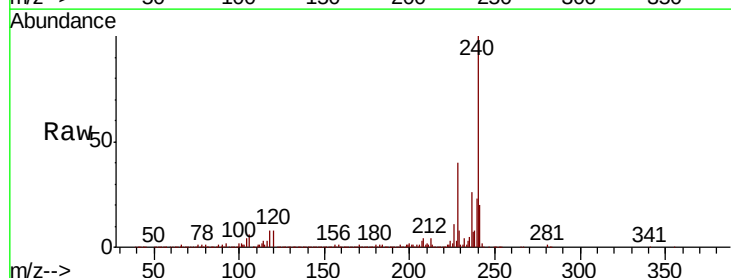
Tgt Ion:240 Resp: 391710

Ion Ratio Lower Upper

240 100

120 7.8 5.7 8.5

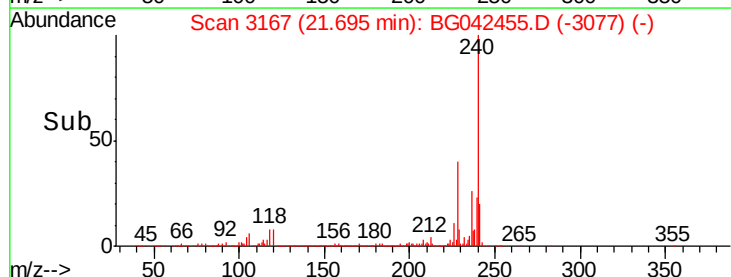
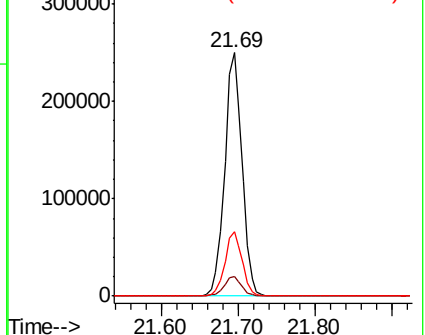
236 26.2 21.0 31.4

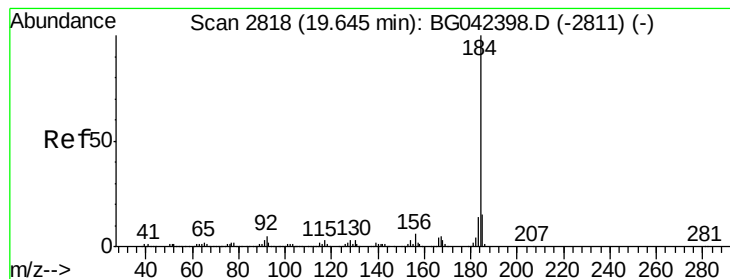


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.195 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

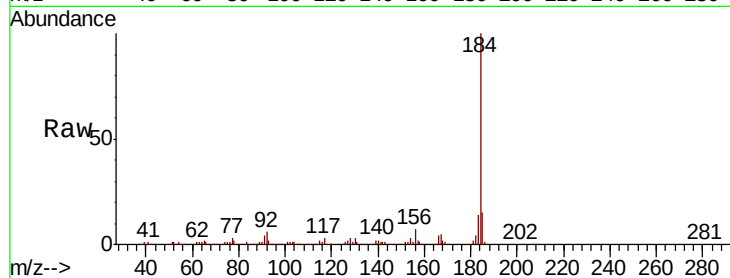
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 664785

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.4
183	14.1	10.8	16.2

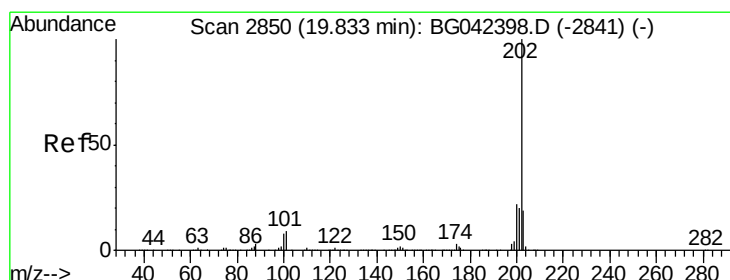
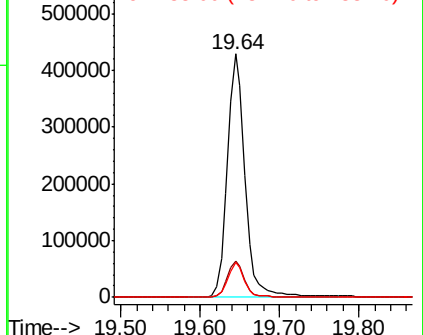
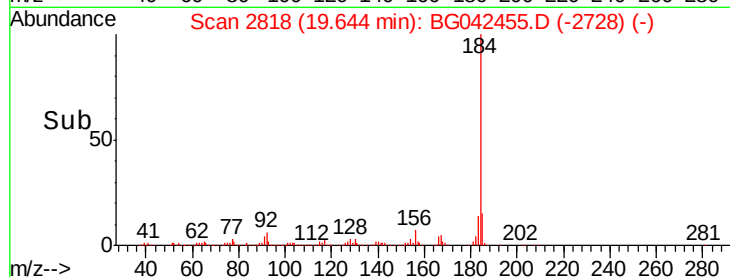


Abundance

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: 47.898 ng

RT: 19.83 min Scan# 2850

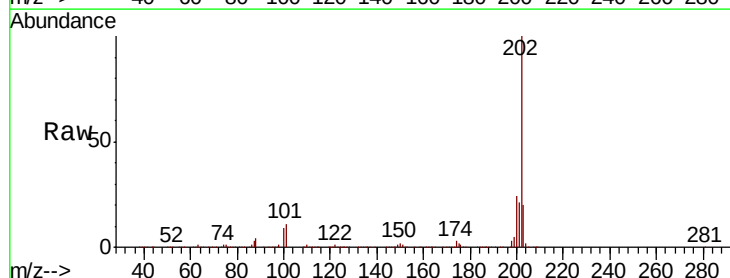
Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:202 Resp: 1150289

Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.8	26.6
203	19.8	15.5	23.3

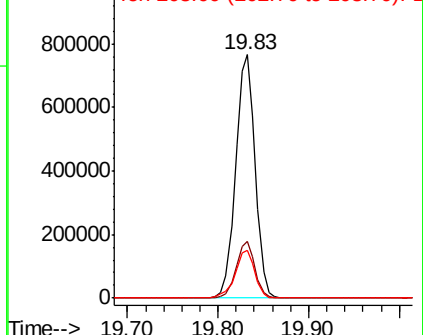
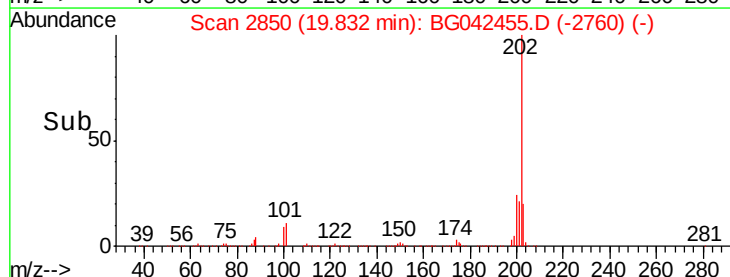


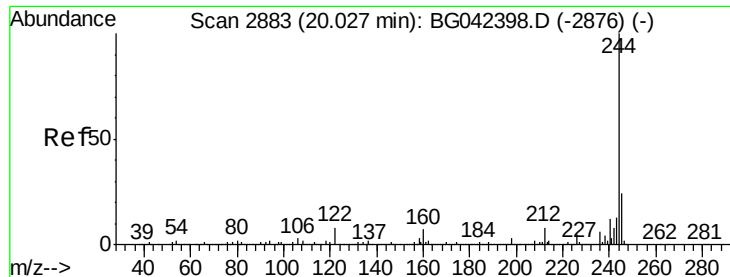
Abundance

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: 81.819 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampled :

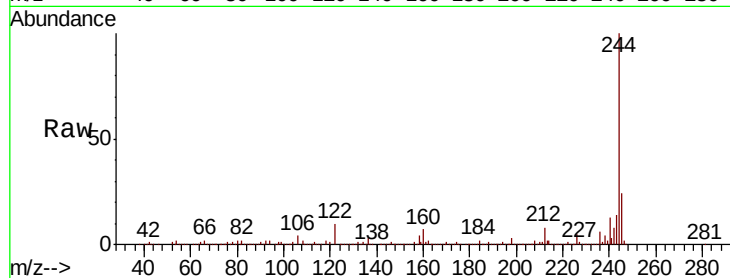
Tot Ion:244 Resp: 1482446

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

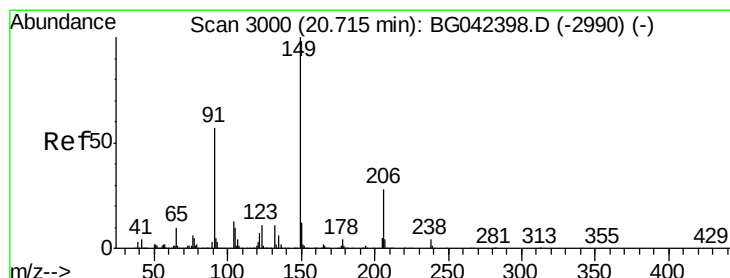
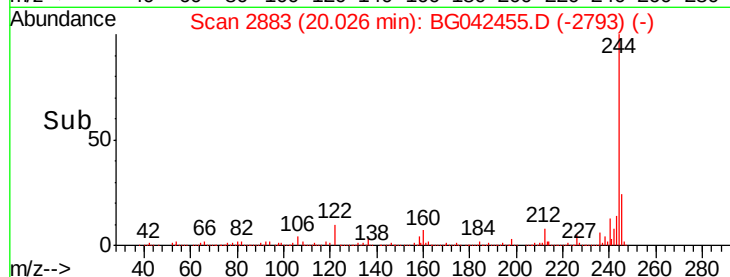
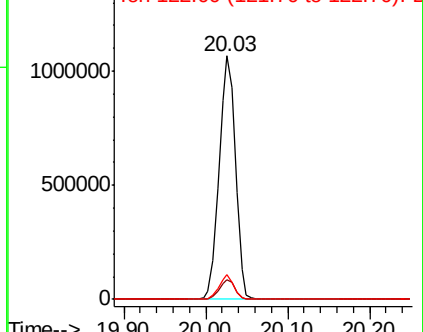
122 10.2 6.7 10.1#



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: 48.428 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

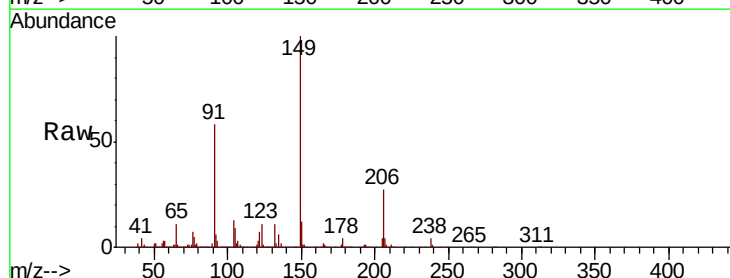
Tgt Ion:149 Resp: 457442

Ion Ratio Lower Upper

149 100

91 57.9 45.9 68.9

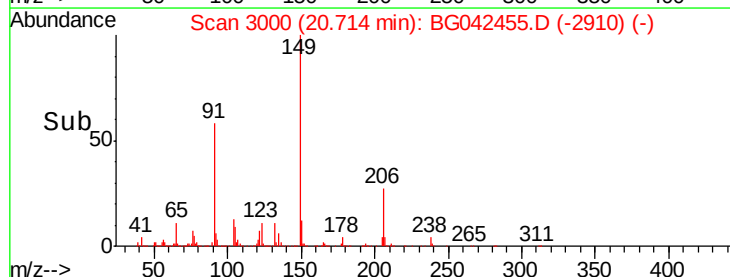
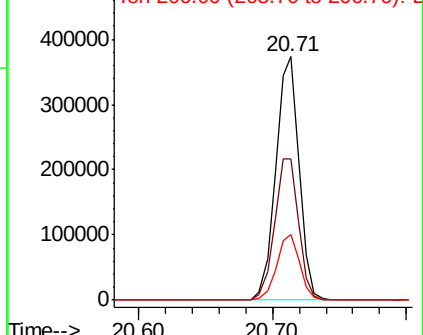
206 27.2 22.5 33.7

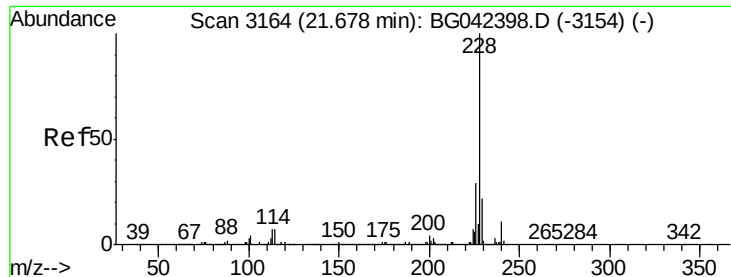


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.296 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

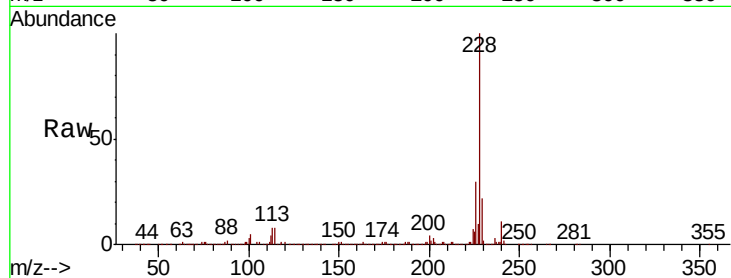
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1103173

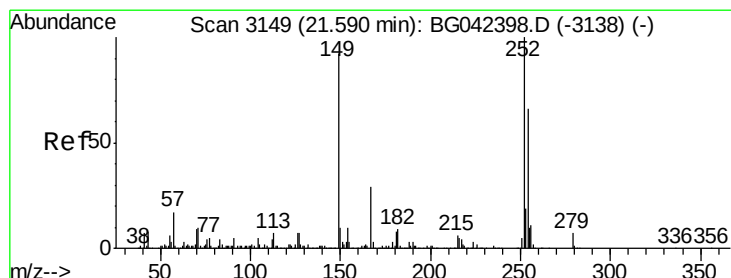
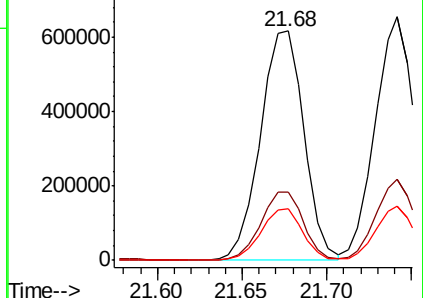
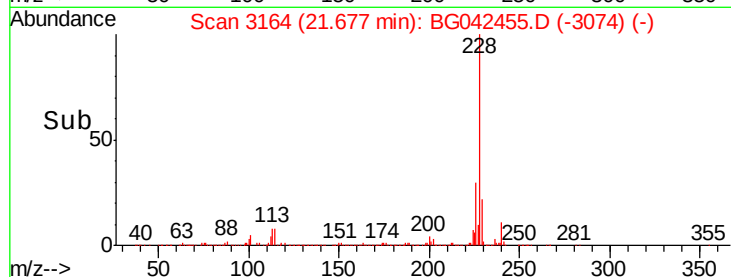
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.4	17.4	26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.855 ng

RT: 21.58 min Scan# 3148

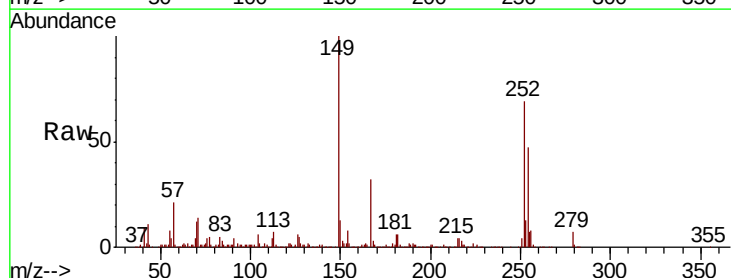
Delta R.T. -0.01 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:252 Resp: 372365

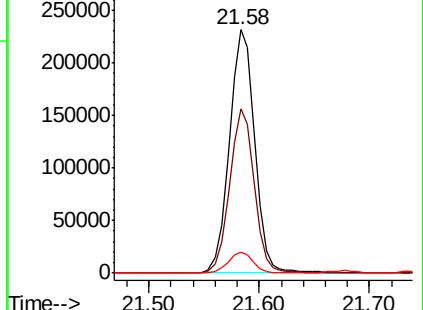
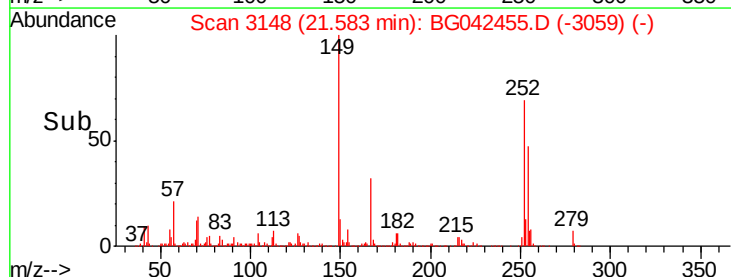
Ion	Ratio	Lower	Upper
252	100		
254	67.4	53.0	79.4
126	8.6	5.7	8.5#

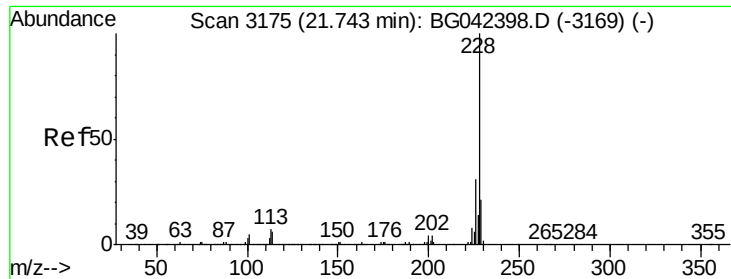


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.474 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

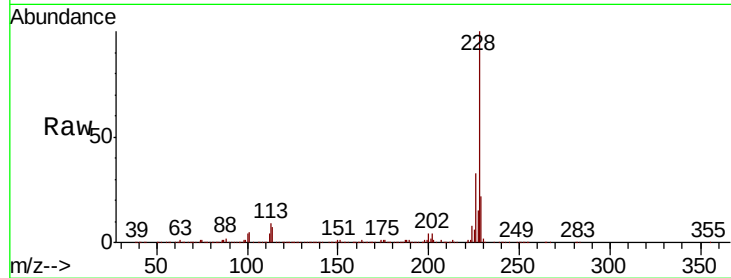
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1067996

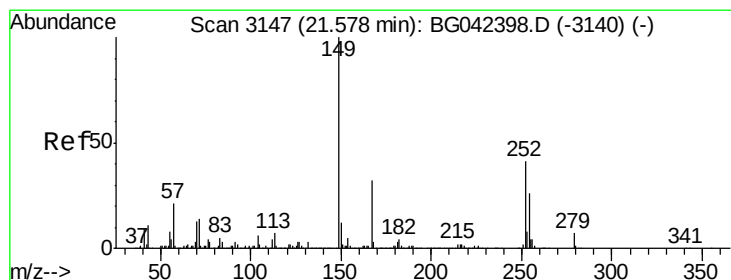
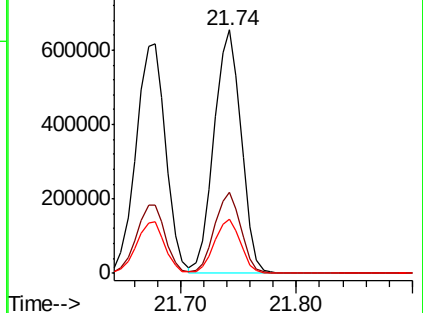
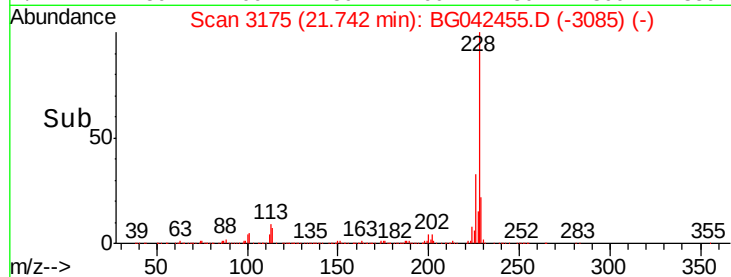
Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.9	37.3
229	22.1	16.9	25.3



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: 48.386 ng

RT: 21.58 min Scan# 3147

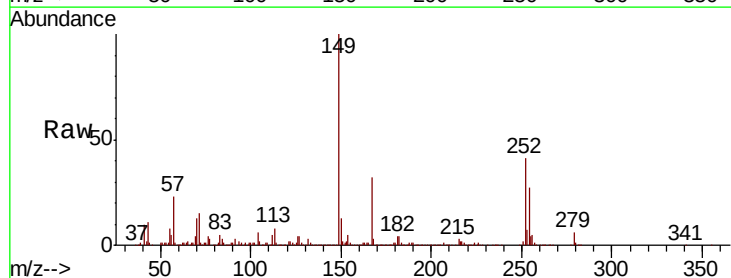
Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Tgt Ion:149 Resp: 634588

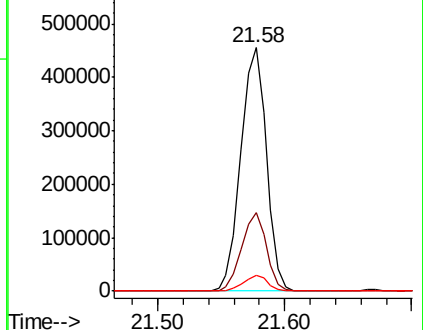
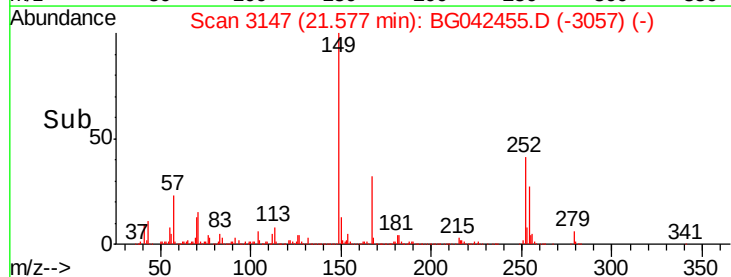
Ion	Ratio	Lower	Upper
149	100		
167	32.1	26.0	39.0
279	6.4	5.4	8.0

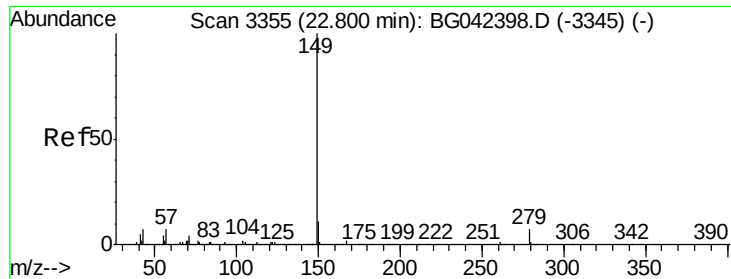


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

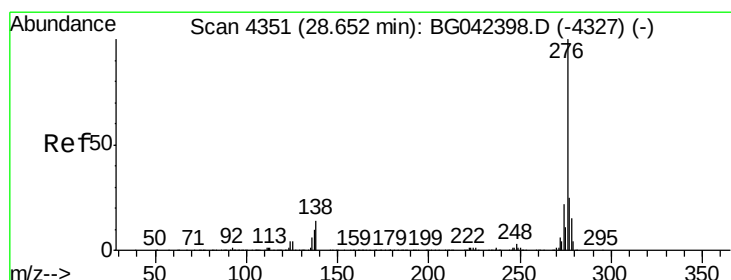
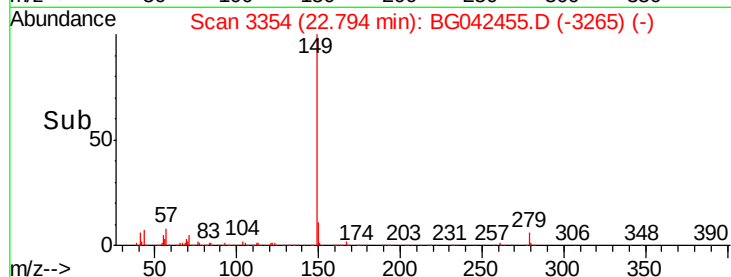
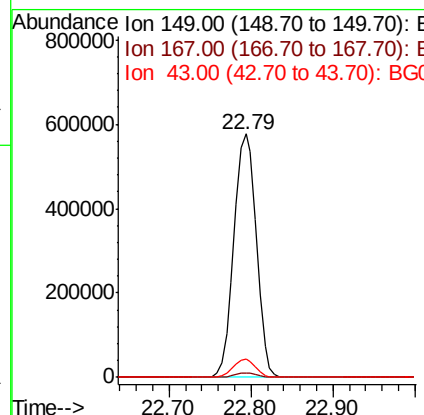
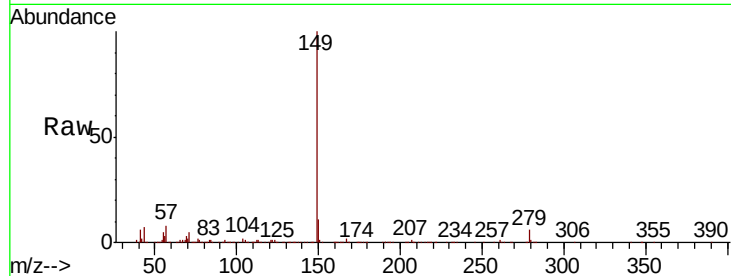




#85
Di-n-octyl phthalate
Concen: 48.727 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

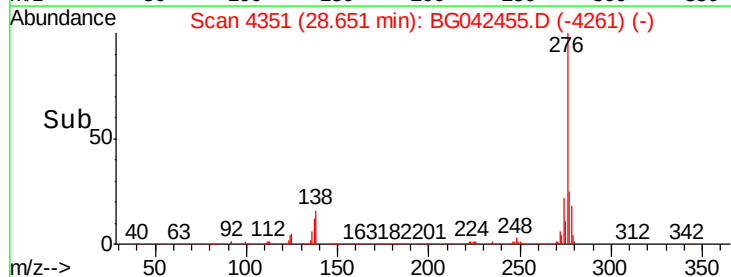
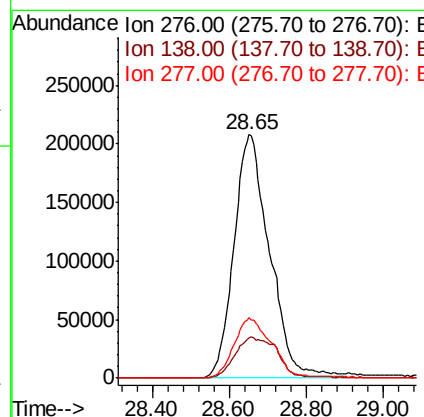
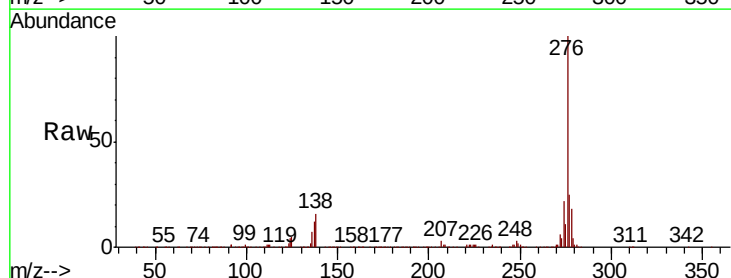
Instrument :
BNA_G
ClientSampleId :

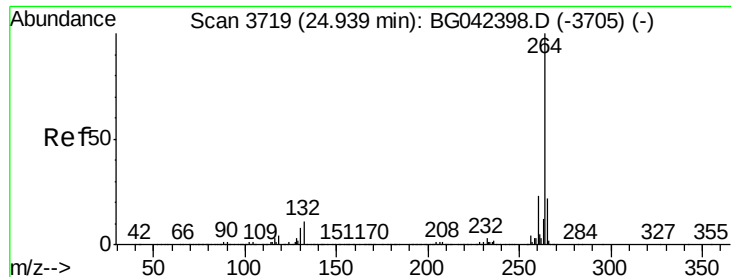
Tot Ion:149 Resp: 1099120
Ion Ratio Lower Upper
149 100
167 1.8 1.6 2.4
43 7.1 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.969 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:276 Resp: 1341923
Ion Ratio Lower Upper
276 100
138 20.0 9.2 13.8#
277 25.9 21.0 31.6

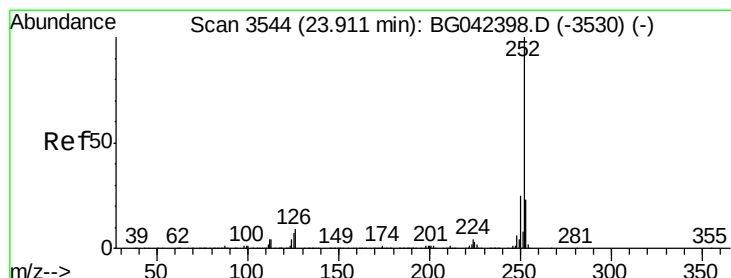
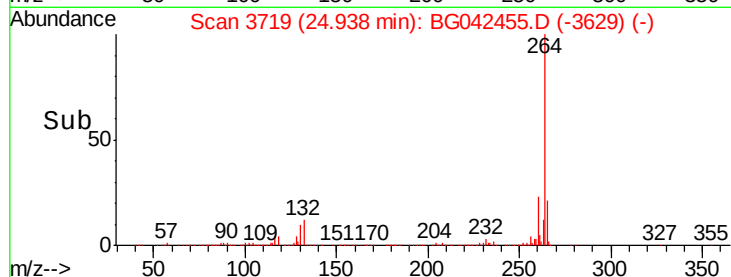
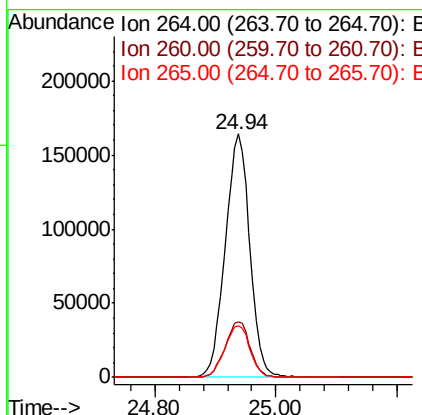
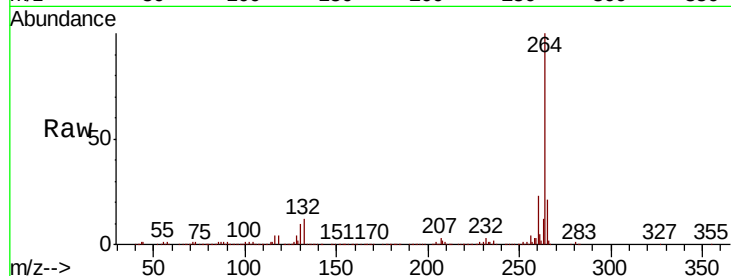




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

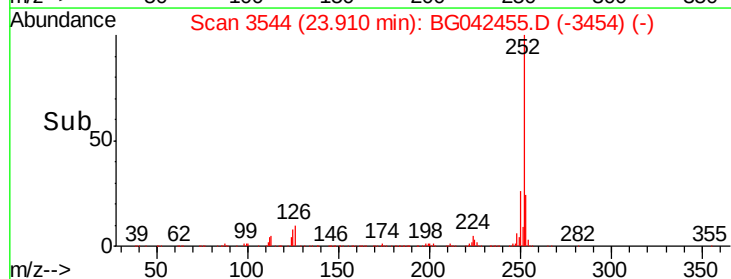
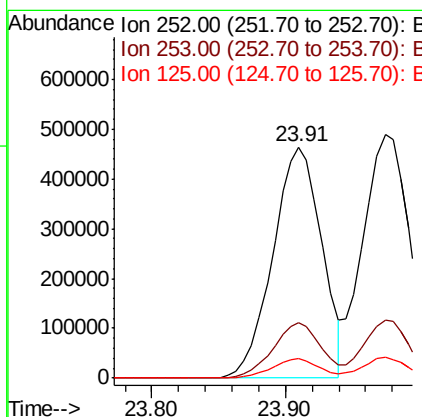
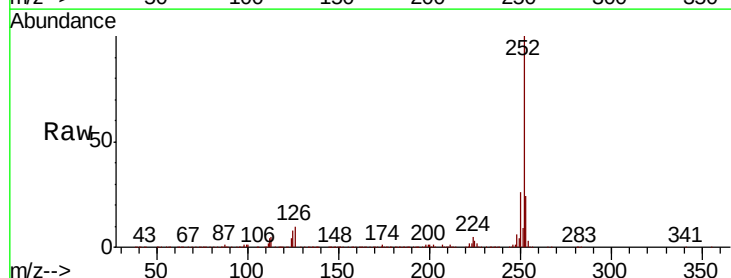
Instrument :
BNA_G
ClientSampleId :

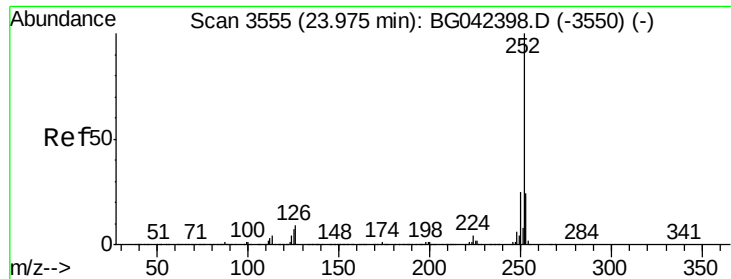
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.1	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 46.274 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	8.2	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 48.538 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

Instrument :

BNA_G

ClientSampleId :

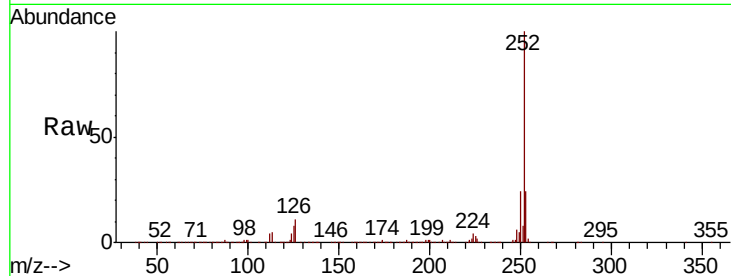
Tot Ion:252 Resp: 1186353

Ion Ratio Lower Upper

252 100

253 24.0 18.6 27.8

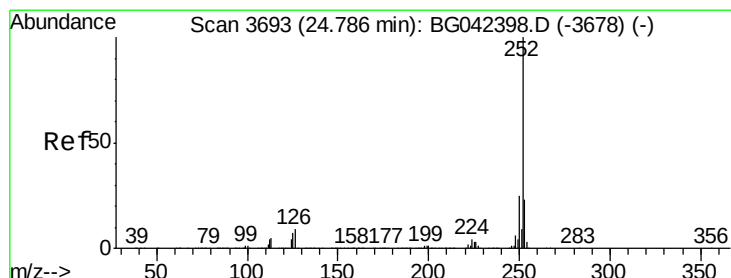
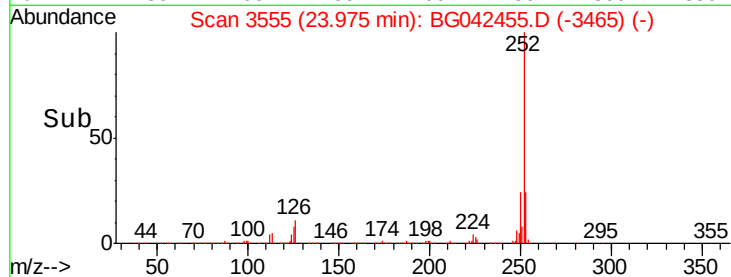
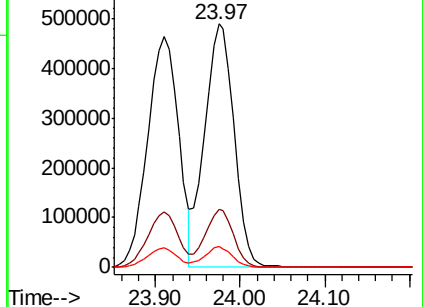
125 8.4 5.8 8.6



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



#90

Benzo(a)pyrene

Concen: 49.177 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BG042455.D

Acq: 24 Aug 2019 7:02

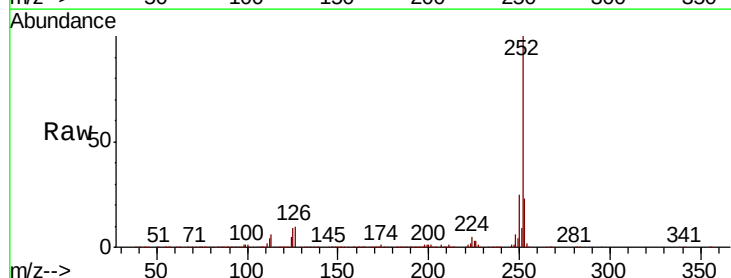
Tgt Ion:252 Resp: 1186600

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

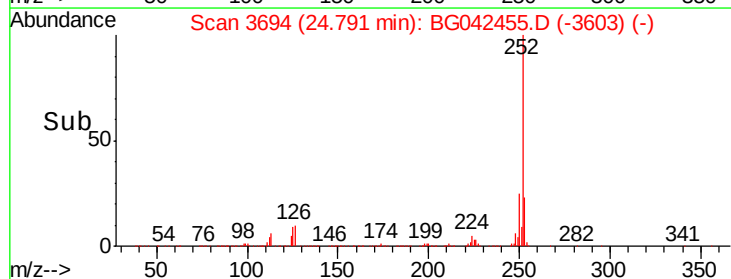
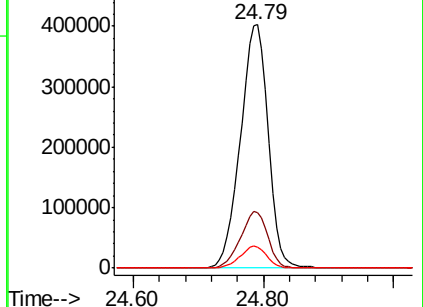
125 8.6 6.0 9.0

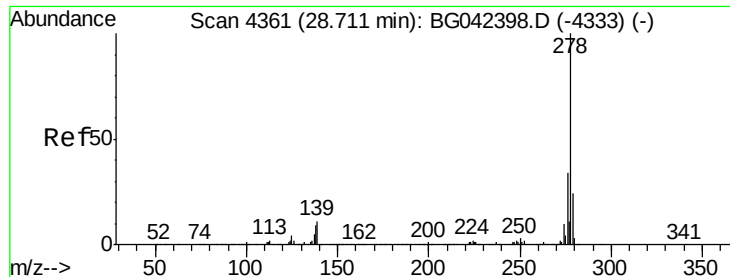


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



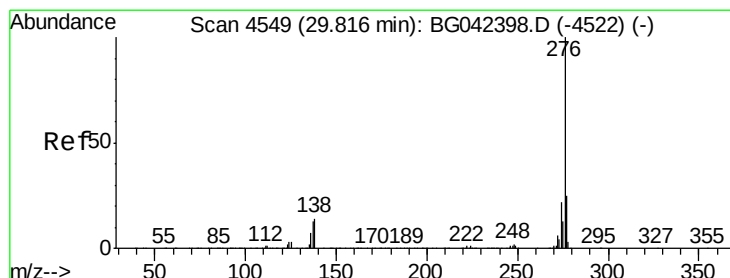
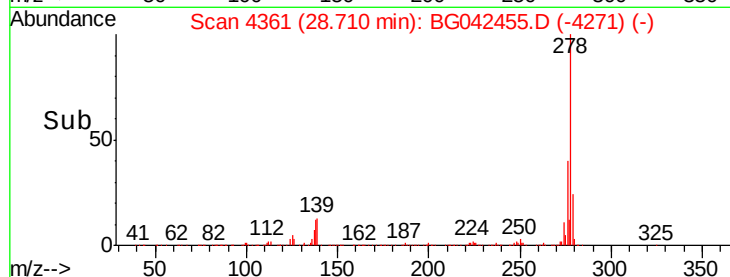
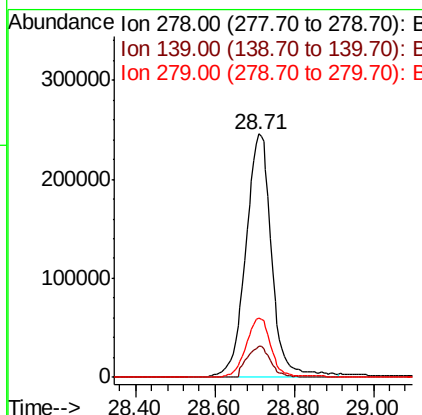
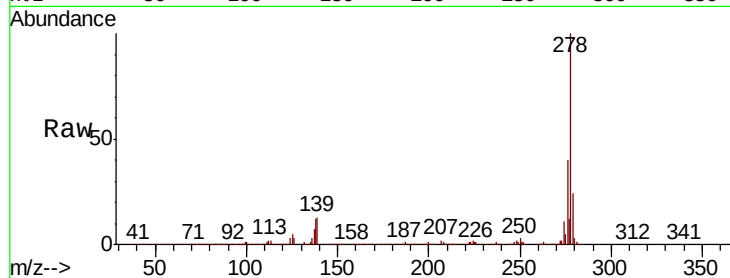


#91
Dibenzo(a,h)anthracene
Concen: 45.787 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1118615

Ion	Ratio	Lower	Upper
278	100		
139	12.7	8.8	13.2
279	24.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 43.492 ng
RT: 29.81 min Scan# 4549
Delta R.T. -0.00 min
Lab File: BG042455.D
Acq: 24 Aug 2019 7:02

Tgt Ion:276 Resp: 1062707

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	17.4	11.4	17.0

