

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042493.D
 Acq On : 26 Aug 2019 10:34
 Operator : HP/JU
 Sample : PB122510BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

Quant Time: Aug 27 01:04:49 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	8.00	152	48942	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	199310	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	136957	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	307457	20.00	ng	0.00
76) Chrysene-d12	21.69	240	337971	20.00	ng	0.00
87) Perylene-d12	24.93	264	373527	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	283162	117.18	ng	0.00
7) Phenol-d6	7.17	99	354203	108.51	ng	0.00
23) Nitrobenzene-d5	9.17	82	179809	62.34	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	181906	93.45	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	535250	66.10	ng	0.00
79) Terphenyl-d14	20.02	244	976662	62.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	39391	39.060	ng	97
3) Pyridine	3.82	79	83309	32.216	ng	98
4) n-Nitrosodimethylamine	3.73	42	36847	39.895	ng	91
6) Aniline	7.32	93	128406	29.493	ng	99
8) 2-Chlorophenol	7.56	128	122923	41.972	ng	97
9) Benzaldehyde	7.13	77	73731	45.118	ng	94
10) Phenol	7.19	94	140208	42.246	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	103812	39.828	ng	99
12) 1,3-Dichlorobenzene	7.89	146	137503	36.907	ng	99
13) 1,4-Dichlorobenzene	8.03	146	140409	37.206	ng	97
14) 1,2-Dichlorobenzene	8.36	146	135452	37.480	ng	99
15) Benzyl Alcohol	8.24	79	89889	38.277	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	133202	37.704	ng	98
17) 2-Methylphenol	8.45	107	99351	40.642	ng	99
18) Hexachloroethane	9.09	117	47248	36.572	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	78924	37.321	ng	96
20) 3+4-Methylphenols	8.78	107	133057	39.336	ng	99
22) Acetophenone	8.82	105	170406	39.974	ng	98
24) Nitrobenzene	9.21	77	116256	39.805	ng	98
25) Isophorone	9.73	82	212190	37.278	ng	98
26) 2-Nitrophenol	9.93	139	73136	39.959	ng	98
27) 2,4-Dimethylphenol	9.99	122	109459	43.415	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	135469	37.761	ng	99
29) 2,4-Dichlorophenol	10.47	162	130219	39.477	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	147603	36.455	ng	96
31) Naphthalene	10.87	128	363230	39.253	ng	99
32) Benzoic acid	10.14	122	51556	31.550	ng	99
33) 4-Chloroaniline	10.98	127	97670	22.865	ng	98
34) Hexachlorobutadiene	11.16	225	94969	34.901	ng	97
35) Caprolactam	11.75	113	19594	17.802	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	118788	37.935	ng	98
37) 2-Methylnaphthalene	12.48	142	281298	37.859	ng	99
38) 1-Methylnaphthalene	12.70	142	261818	37.097	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	175599	39.925	ng	99

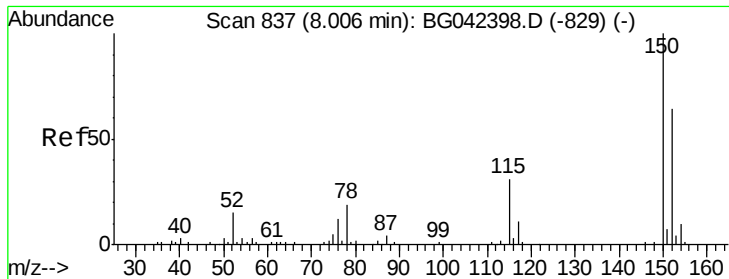
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042493.D
 Acq On : 26 Aug 2019 10:34
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	189460	82.006	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	114347	38.463	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	122327	39.707	ng	97
46) 1,1'-Biphenyl	13.49	154	359974	40.661	ng	99
47) 2-Chloronaphthalene	13.53	162	294683	38.603	ng	99
48) 2-Nitroaniline	13.73	65	67565	36.704	ng	99
49) Acenaphthylene	14.38	152	460095	40.062	ng	99
50) Dimethylphthalate	14.11	163	363091	36.743	ng	99
51) 2,6-Dinitrotoluene	14.23	165	87524	38.211	ng	96
52) Acenaphthene	14.72	154	268196	38.459	ng	98
53) 3-Nitroaniline	14.56	138	61380	26.794	ng	95
54) 2,4-Dinitrophenol	14.77	184	91903	61.124	ng	96
55) Dibenzofuran	15.06	168	452101	39.166	ng	100
56) 4-Nitrophenol	14.89	139	127986	78.627	ng	99
57) 2,4-Dinitrotoluene	15.02	165	120063	36.604	ng	93
58) Fluorene	15.71	166	362517	38.418	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	110697	36.334	ng	98
60) Diethylphthalate	15.47	149	353686	36.613	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	209255	36.788	ng	99
62) 4-Nitroaniline	15.73	138	88610	36.142	ng	98
63) Azobenzene	15.99	77	256951	38.818	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	74578	38.689	ng	96
66) n-Nitrosodiphenylamine	15.91	169	332272	39.297	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	141211	36.209	ng	100
68) Hexachlorobenzene	16.72	284	146831	34.634	ng	98
69) Atrazine	16.86	200	120075	40.158	ng	99
70) Pentachlorophenol	17.07	266	169148	76.789	ng	99
71) Phenanthrene	17.45	178	603039	39.487	ng	100
72) Anthracene	17.55	178	618130	40.544	ng	99
73) Carbazole	17.82	167	550758	40.533	ng	99
74) Di-n-butylphthalate	18.37	149	645663	40.198	ng	100
75) Fluoranthene	19.46	202	790755	42.426	ng	98
77) Benzidine	19.64	184	339446	35.031	ng	99
78) Pyrene	19.83	202	797203	38.473	ng	99
80) Butylbenzylphthalate	20.71	149	315926	38.764	ng	99
81) Benzo(a)anthracene	21.67	228	801302	38.975	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	277595	33.572	ng	99
83) Chrysene	21.74	228	778631	39.270	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	455494	40.253	ng	98
85) Di-n-octyl phthalate	22.79	149	791702	40.679	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1023431	37.982	ng	# 94
88) Benzo(b)fluoranthene	23.90	252	882145	42.958	ng	100
89) Benzo(k)fluoranthene	23.97	252	858807	43.509	ng	99
90) Benzo(a)pyrene	24.77	252	863493	44.313	ng	99
91) Dibenzo(a,h)anthracene	28.69	278	844708	42.814	ng	99
92) Benzo(g,h,i)perylene	29.80	276	851770	43.165	ng	98

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

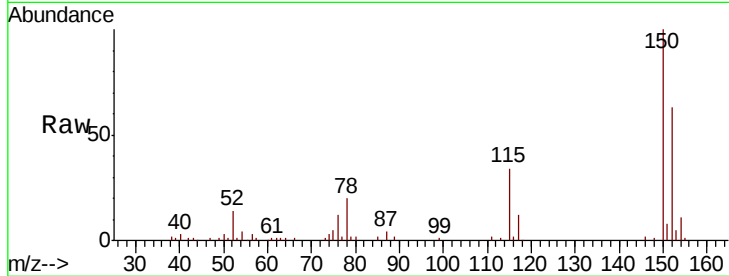


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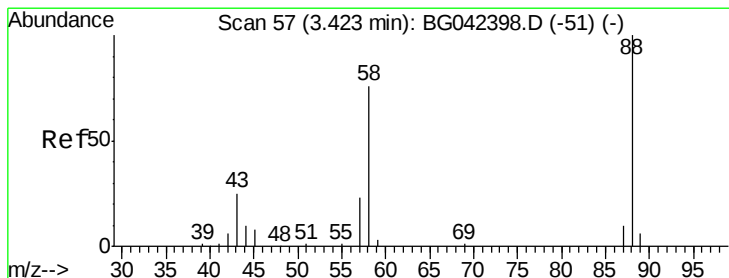
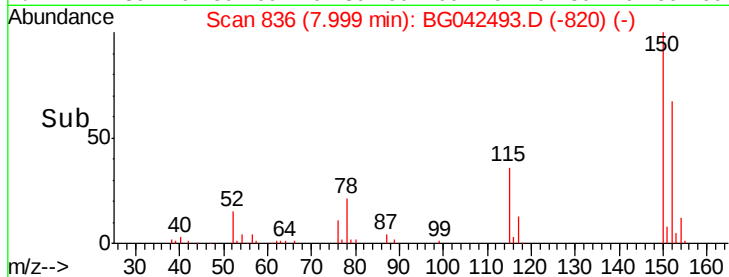
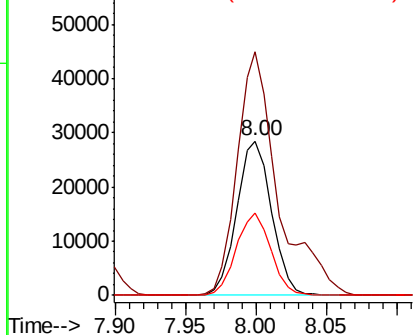
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Instrument :
BNA_G
ClientSampleId :
PB122510BS

Tgt Ion:152 Resp: 48942
Ion Ratio Lower Upper
152 100
150 158.0 125.4 188.0
115 53.6 38.5 57.7



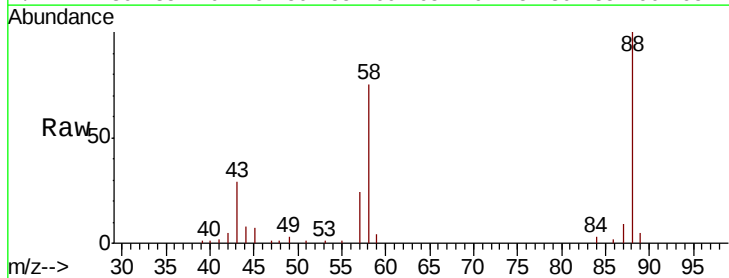
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



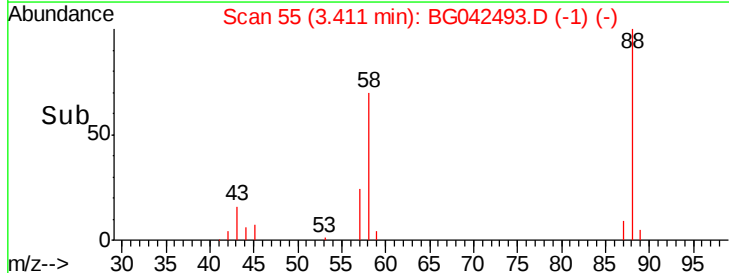
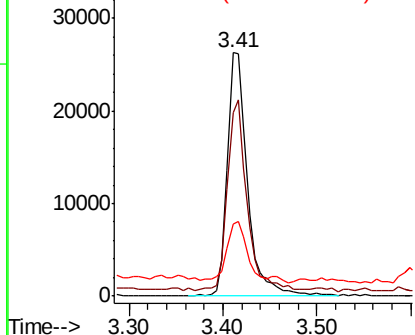
#2

1,4-Dioxane
Concen: 39.060 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion: 88 Resp: 39391
Ion Ratio Lower Upper
88 100
58 74.7 58.3 87.5
43 21.7 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

Pyridine

Concen: 32.216 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

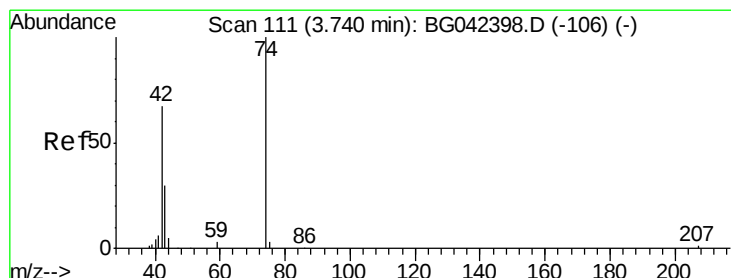
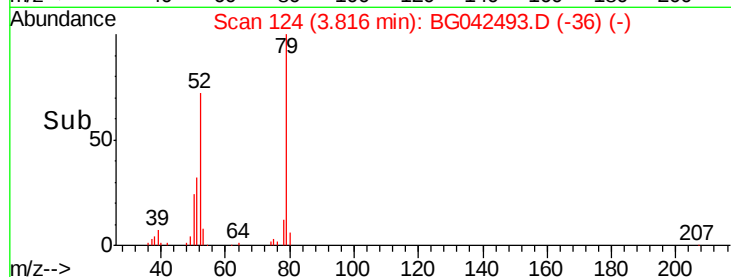
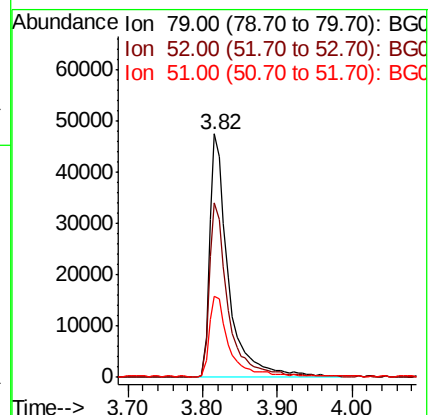
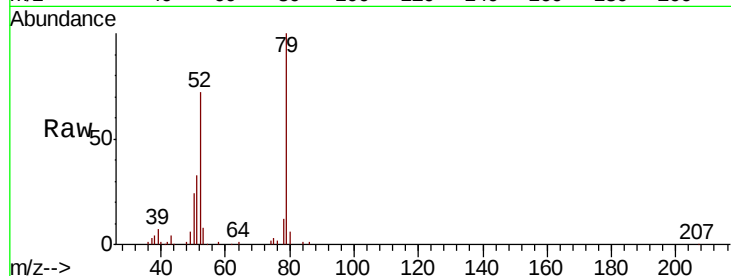
Tgt Ion: 79 Resp: 83309

Ion Ratio Lower Upper

79 100

52 71.8 57.7 86.5

51 33.1 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 39.895 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

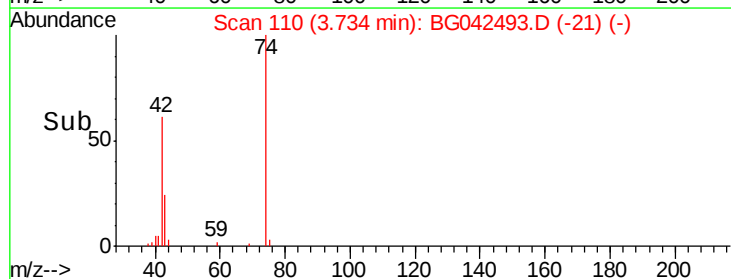
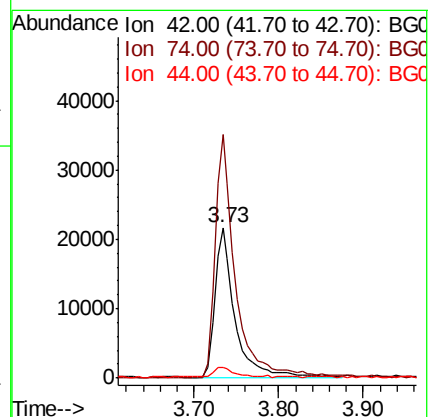
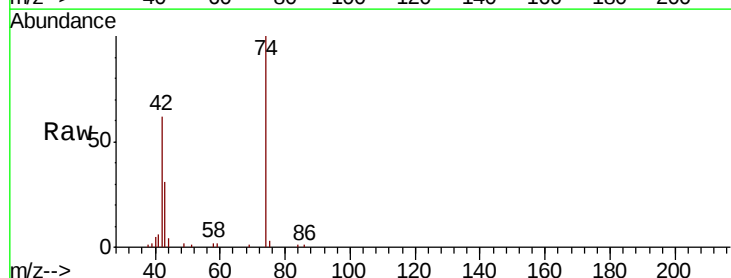
Tgt Ion: 42 Resp: 36847

Ion Ratio Lower Upper

42 100

74 162.0 119.6 179.4

44 7.0 6.5 9.7





#5

2-Fluorophenol

Concen: 117.177 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

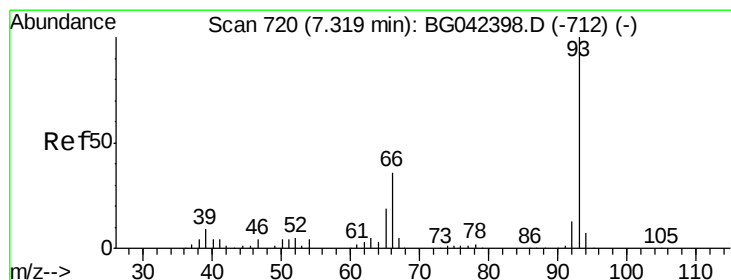
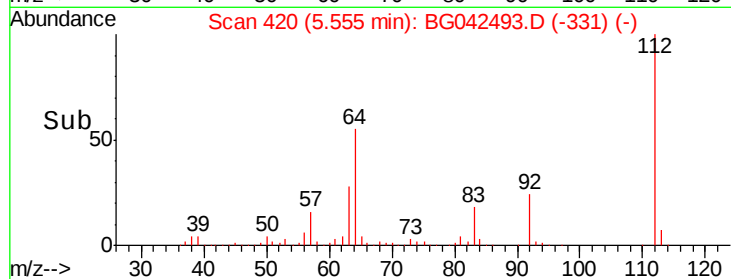
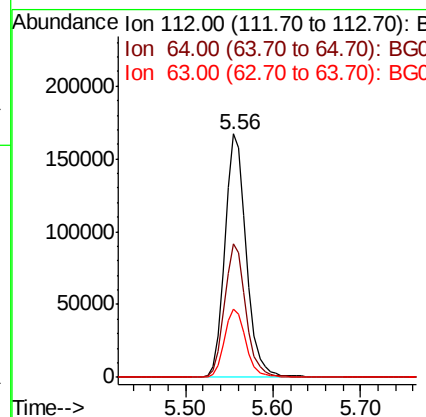
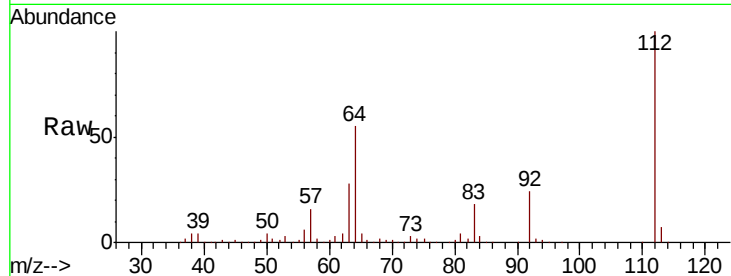
Instrument :

BNA_G

ClientSampleId :

PB122510BS

Tgt Ion:	112	Resp:	283162
Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.8	64.2
63	28.1	22.7	34.1



#6

Aniline

Concen: 29.493 ng

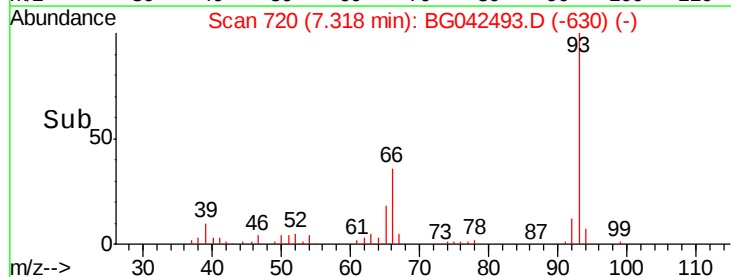
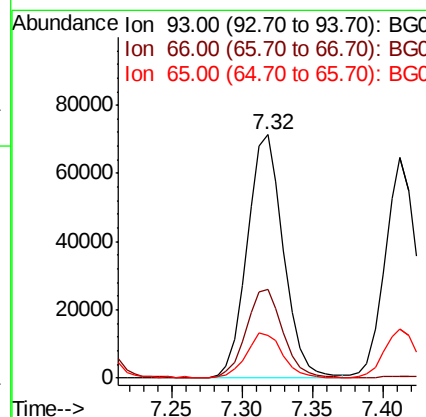
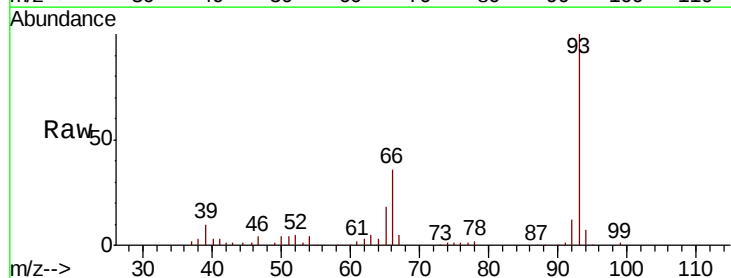
RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Tgt Ion:	93	Resp:	128406
Ion	Ratio	Lower	Upper
93	100		
66	36.4	29.0	43.6
65	17.7	15.2	22.8





#7

Phenol-d6

Concen: 108.511 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

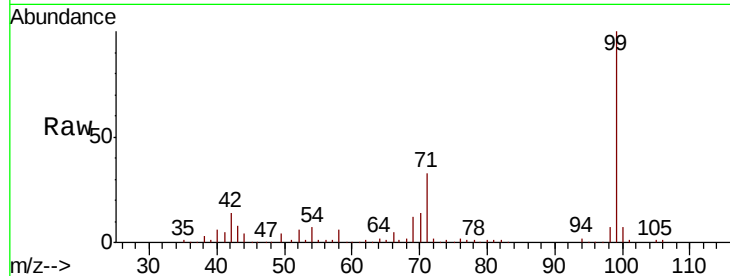
Tgt Ion: 99 Resp: 354203

Ion Ratio Lower Upper

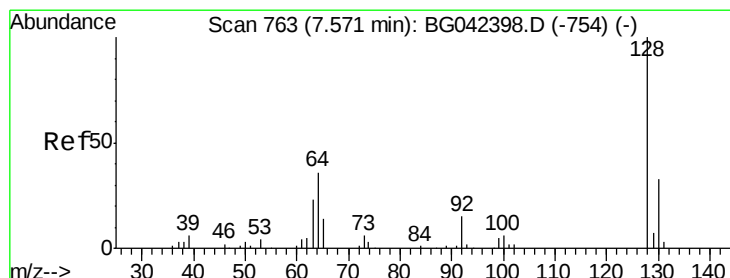
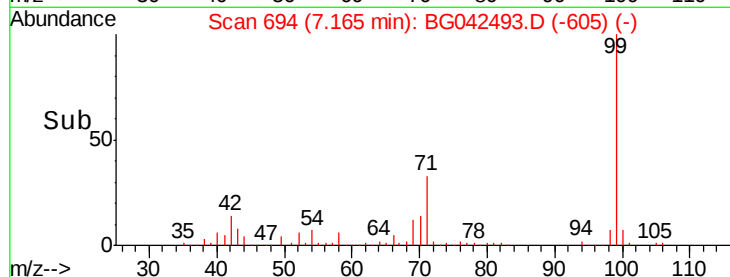
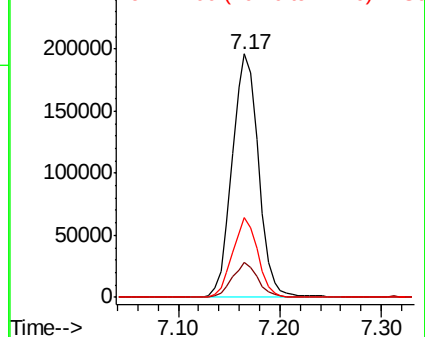
99 100

42 14.4 12.0 18.0

71 32.9 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: 41.972 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

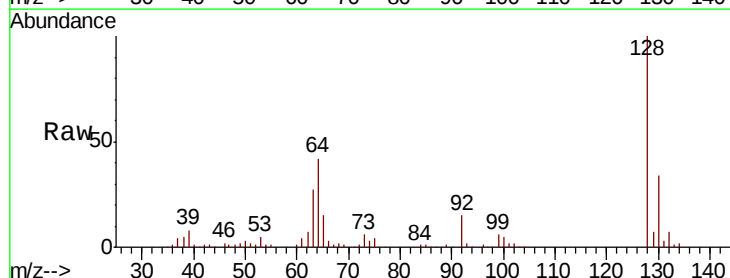
Tgt Ion: 128 Resp: 122923

Ion Ratio Lower Upper

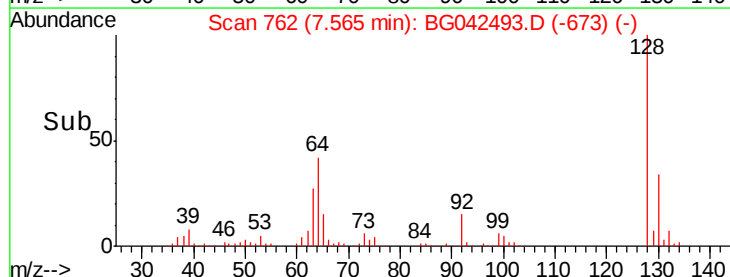
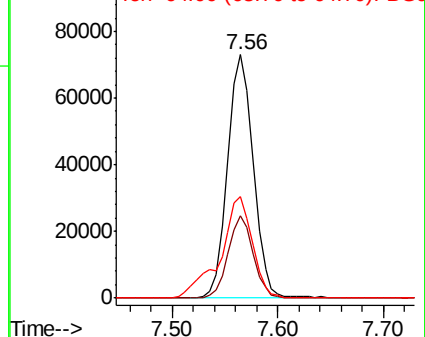
128 100

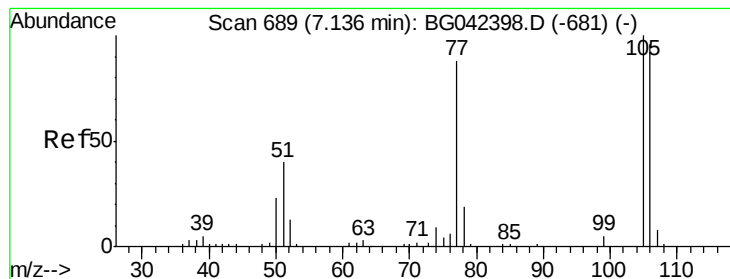
130 34.1 12.8 52.8

64 41.6 19.2 59.2



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





#9

Benzaldehyde

Concen: 45.118 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

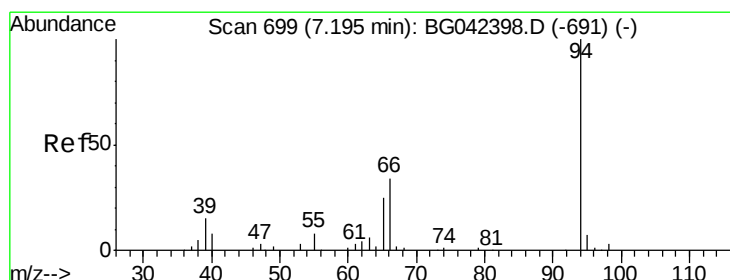
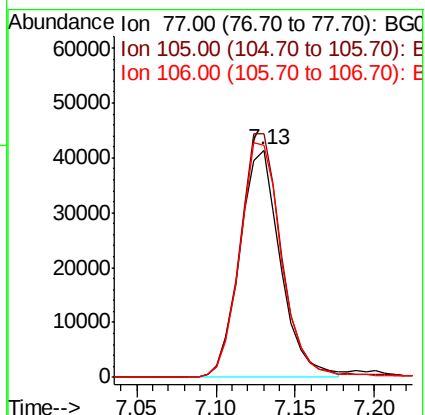
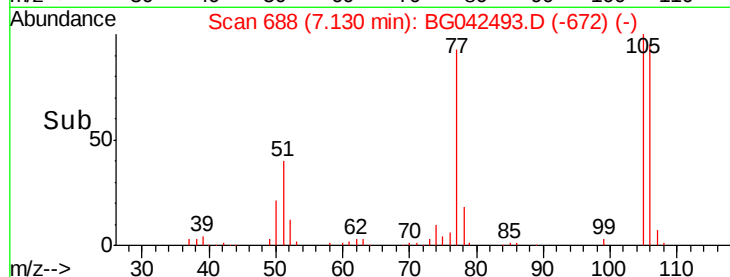
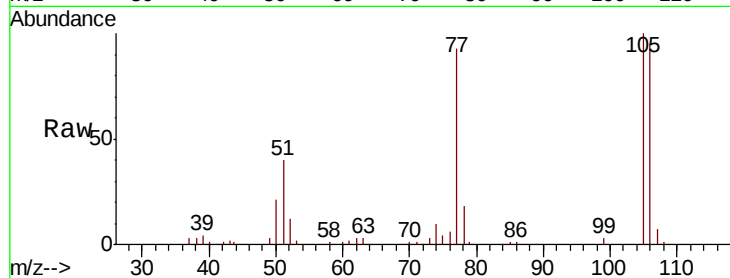
Tgt Ion: 77 Resp: 73731

Ion Ratio Lower Upper

77 100

105 107.0 93.4 133.4

106 101.9 88.4 128.4



#10

Phenol

Concen: 42.246 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

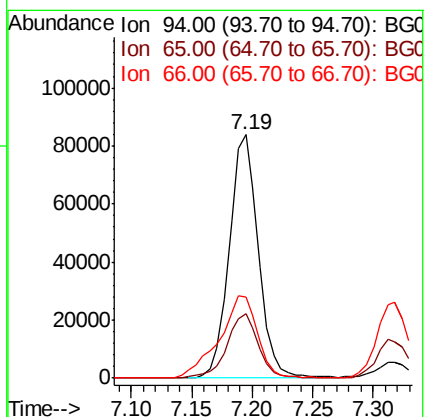
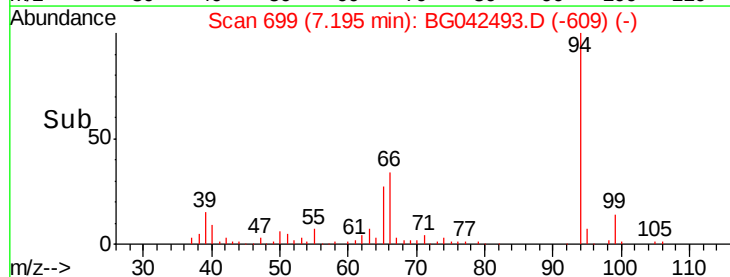
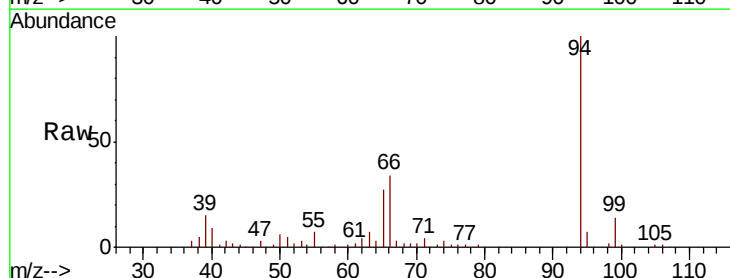
Tgt Ion: 94 Resp: 140208

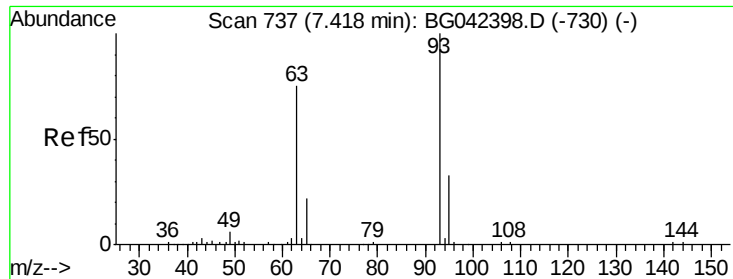
Ion Ratio Lower Upper

94 100

65 26.6 5.6 45.6

66 33.5 16.0 56.0

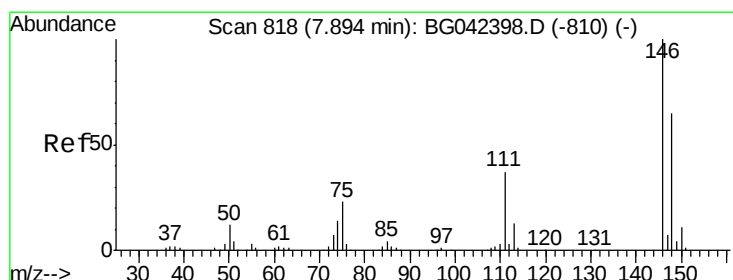
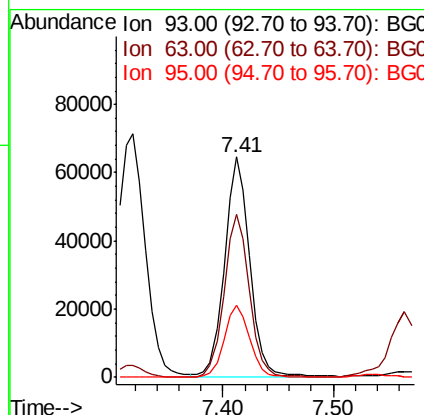
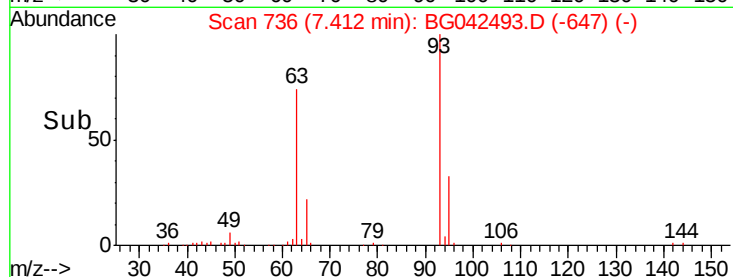
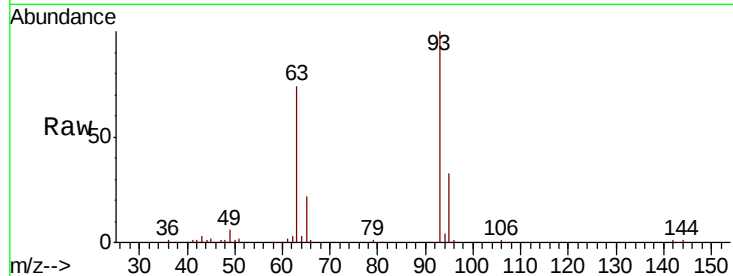




#11
 bis(2-Chloroethyl)ether
 Concen: 39.828 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

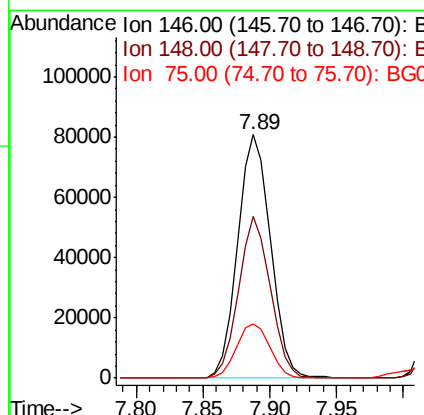
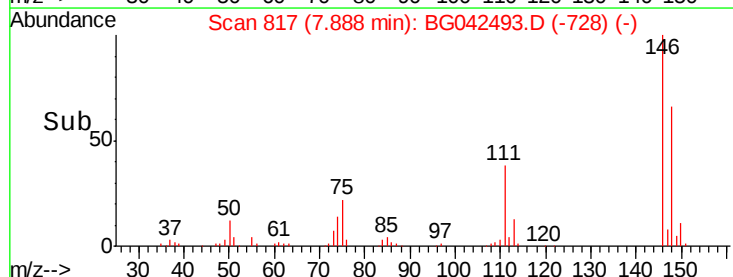
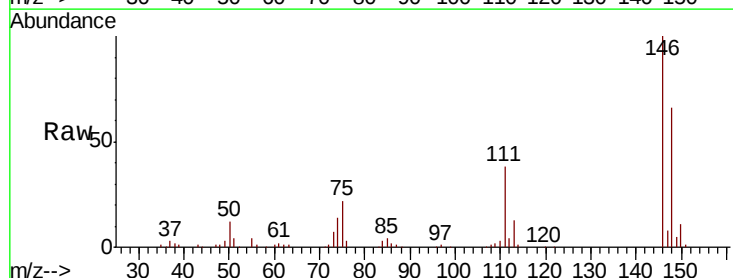
Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

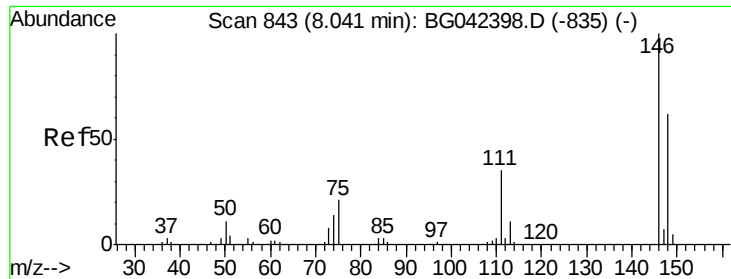
Tgt Ion: 93 Resp: 103812
 Ion Ratio Lower Upper
 93 100
 63 74.3 53.8 93.8
 95 32.5 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 36.907 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion: 146 Resp: 137503
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.2 78.2
 75 22.5 18.0 27.0

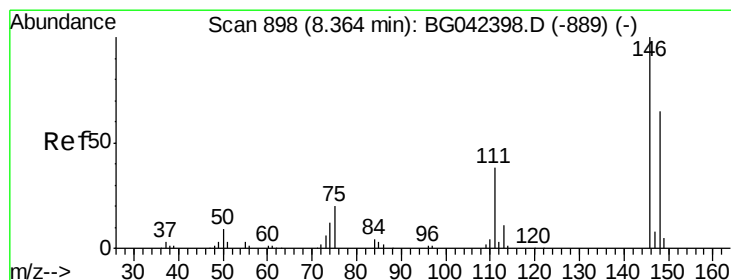
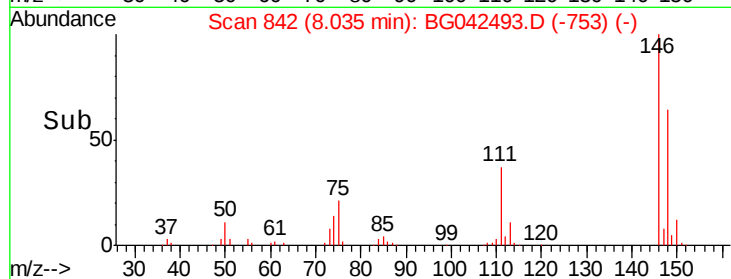
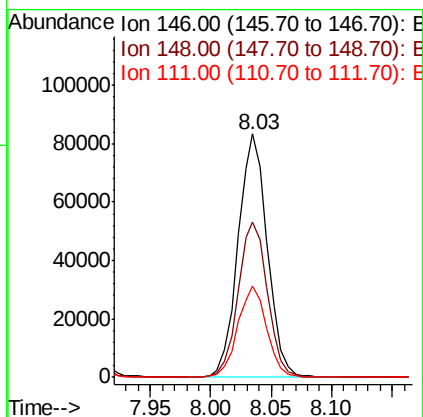
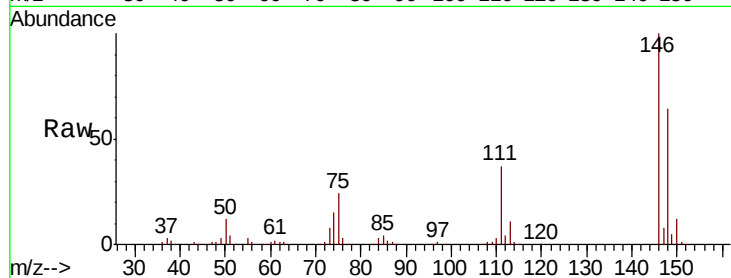




#13
 1,4-Dichlorobenzene
 Concen: 37.206 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

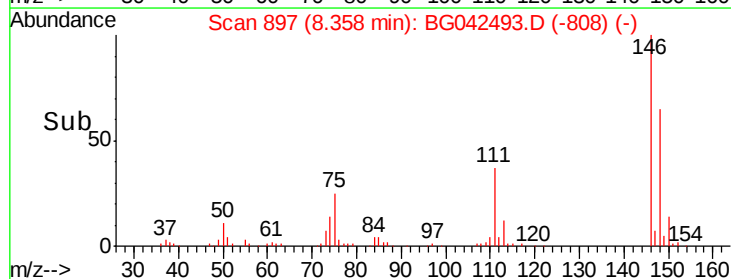
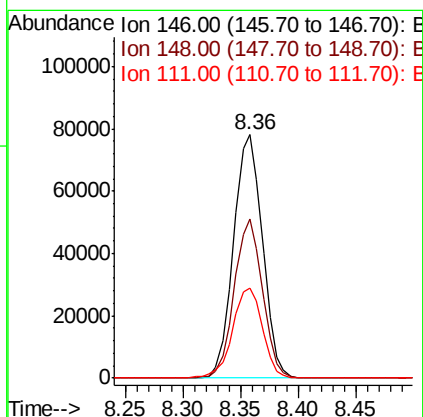
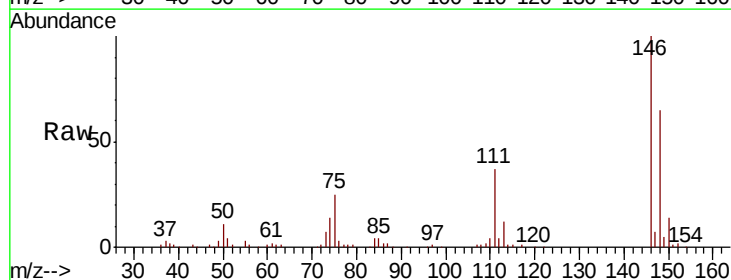
Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

Tgt Ion:146 Resp: 140409
 Ion Ratio Lower Upper
 146 100
 148 63.8 49.5 74.3
 111 37.4 28.1 42.1



#14
 1,2-Dichlorobenzene
 Concen: 37.480 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion:146 Resp: 135452
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.6
 111 37.0 30.9 46.3





#15

Benzyl Alcohol

Concen: 38.277 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

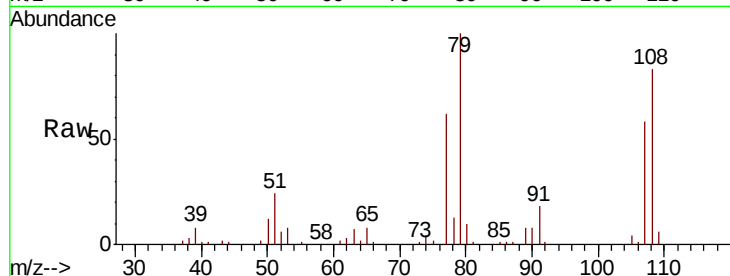
Tgt Ion: 79 Resp: 89889

Ion Ratio Lower Upper

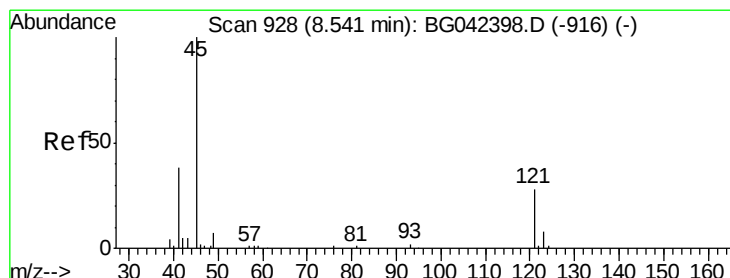
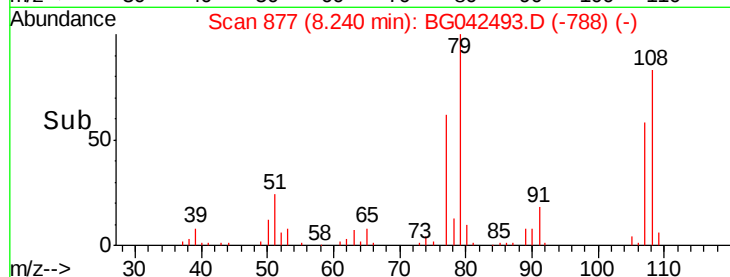
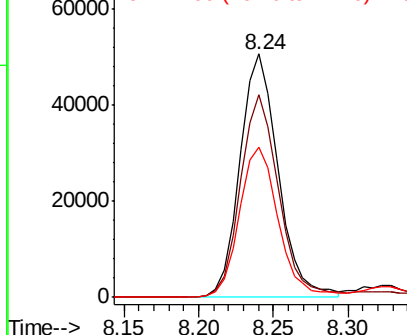
79 100

108 83.2 67.4 101.2

77 61.7 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.704 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

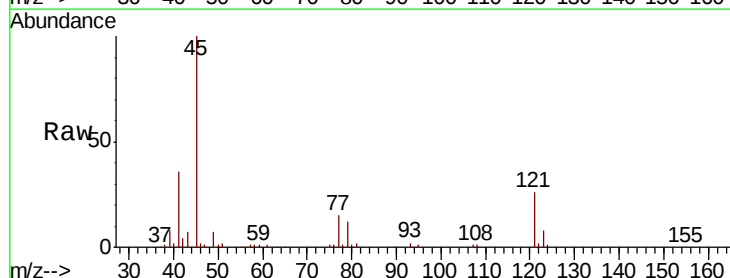
Tgt Ion: 45 Resp: 133202

Ion Ratio Lower Upper

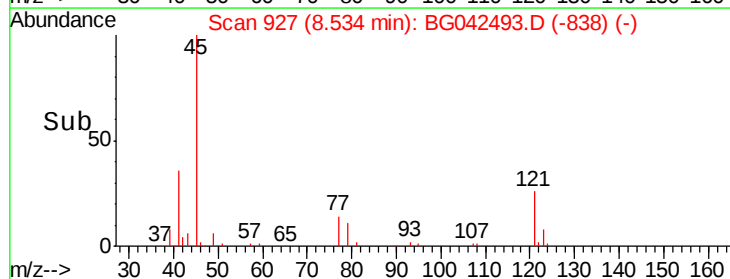
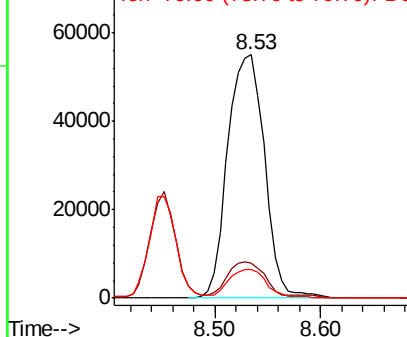
45 100

77 14.6 0.0 35.6

79 11.8 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

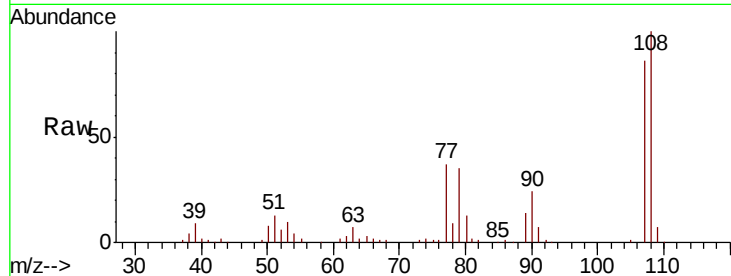




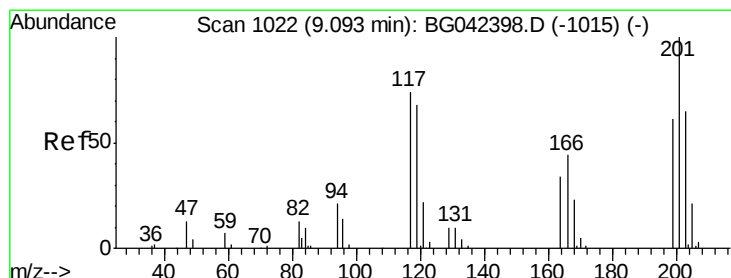
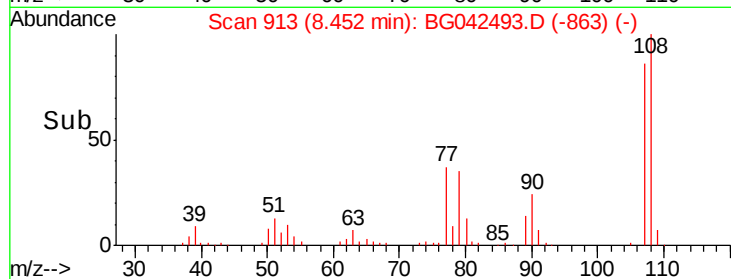
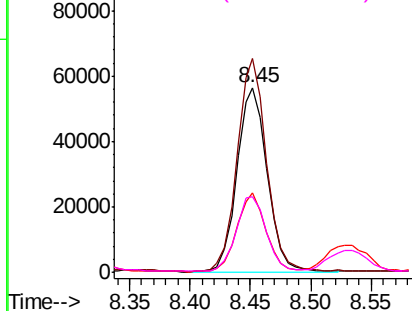
#17
2-Methylphenol
Concen: 40.642 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Instrument :
BNA_G
ClientSampleId :
PB122510BS

Tgt Ion:	107	Resp:	99351
Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.9	139.3
77	43.0	34.4	51.6
79	40.8	33.8	50.6

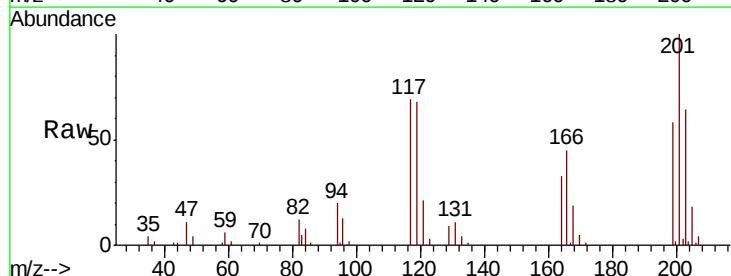


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

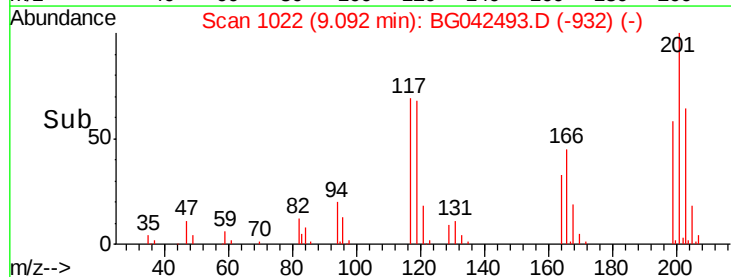
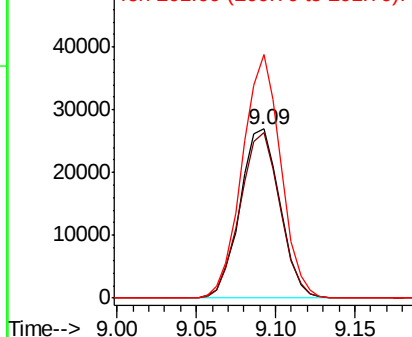


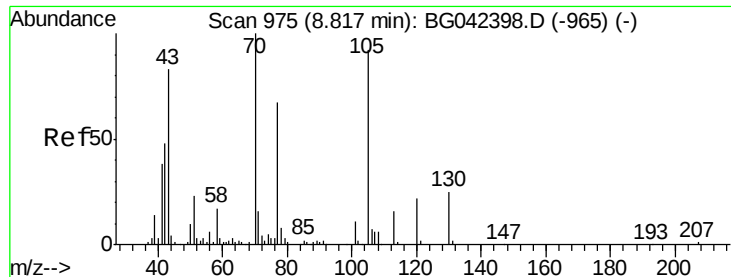
#18
Hexachloroethane
Concen: 36.572 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion:	117	Resp:	47248
Ion	Ratio	Lower	Upper
117	100		
119	98.1	73.8	110.8
201	144.2	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: 37.321 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

Tgt Ion: 70 Resp: 78924

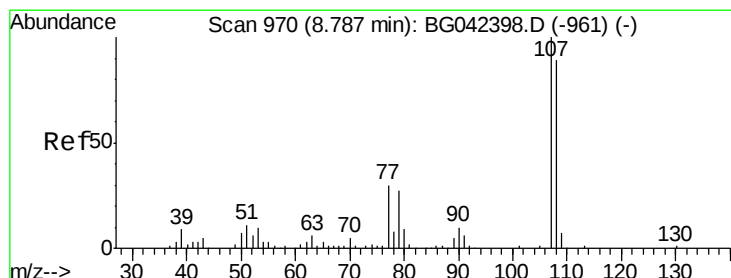
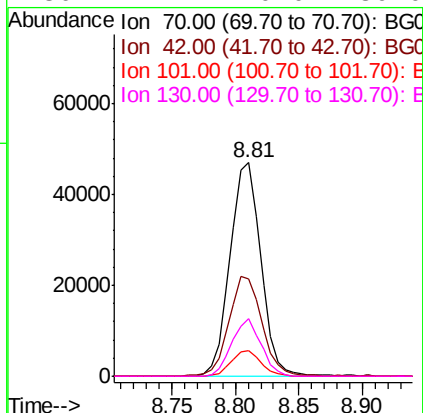
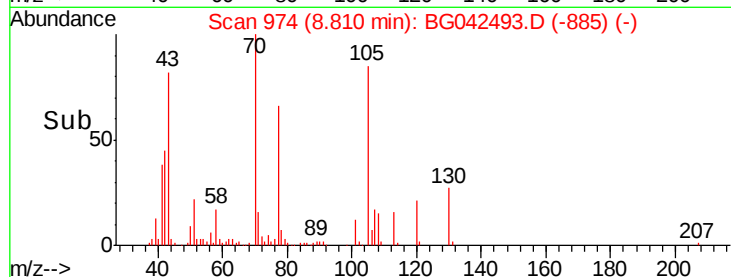
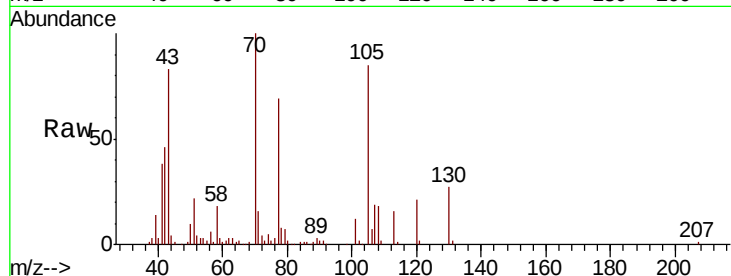
Ion Ratio Lower Upper

70 100

42 45.7 38.8 58.2

101 12.1 9.0 13.6

130 27.2 20.0 30.0



#20

3+4-Methylphenols

Concen: 39.336 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Tgt Ion: 107 Resp: 133057

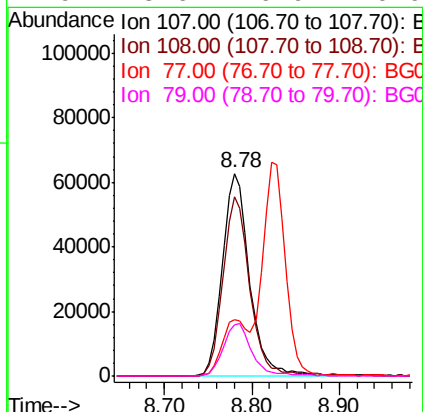
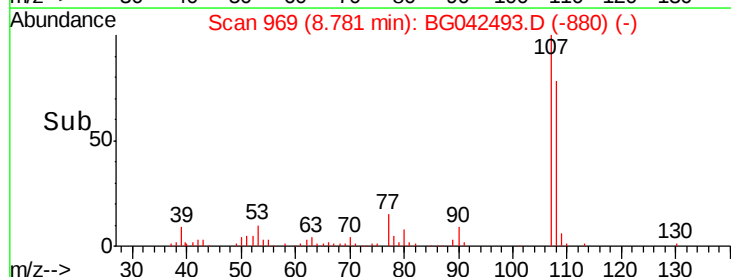
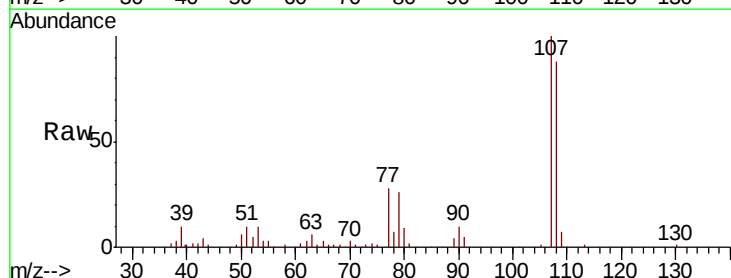
Ion Ratio Lower Upper

107 100

108 88.3 68.7 108.7

77 28.1 10.2 50.2

79 25.6 6.9 46.9

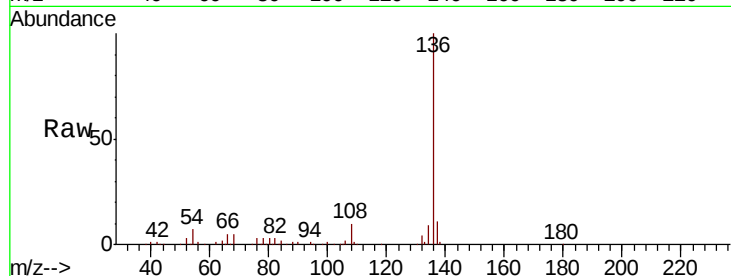




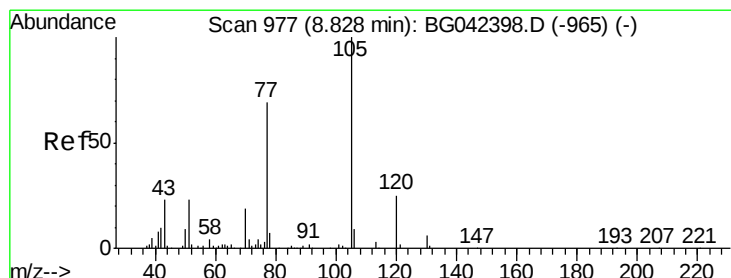
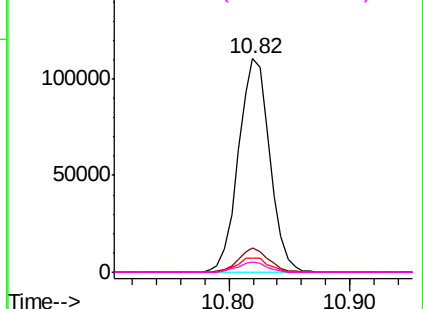
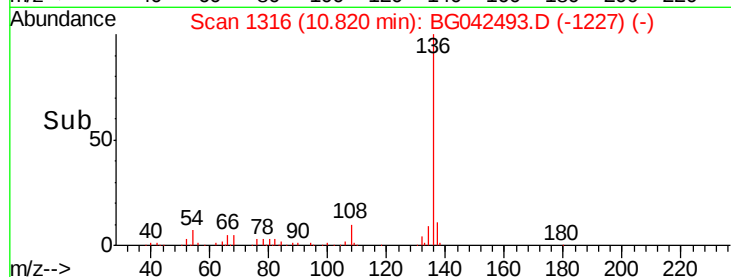
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Instrument :
BNA_G
ClientSampleId :
PB122510BS

Tgt Ion:	136	Resp:	199310
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.6	4.9	7.3
68	4.5	3.6	5.4

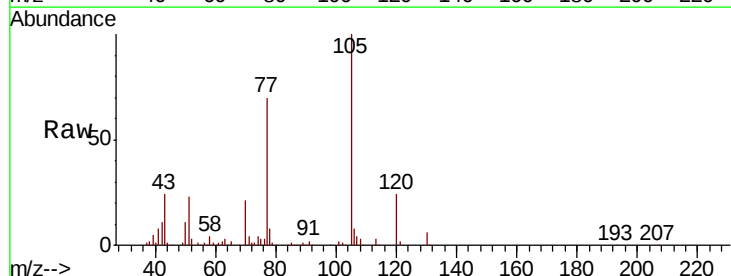


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

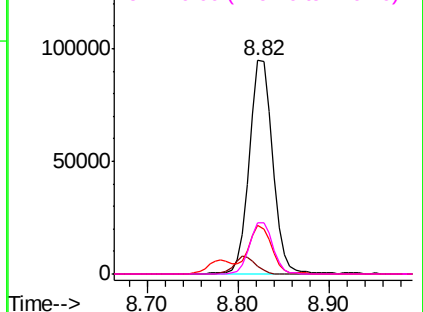
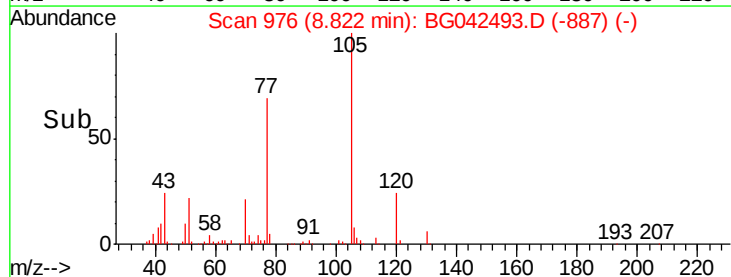


#22
Acetophenone
Concen: 39.974 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion:	105	Resp:	170406
Ion	Ratio	Lower	Upper
105	100		
71	3.8	2.8	4.2
51	22.8	18.7	28.1
120	24.1	20.1	30.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

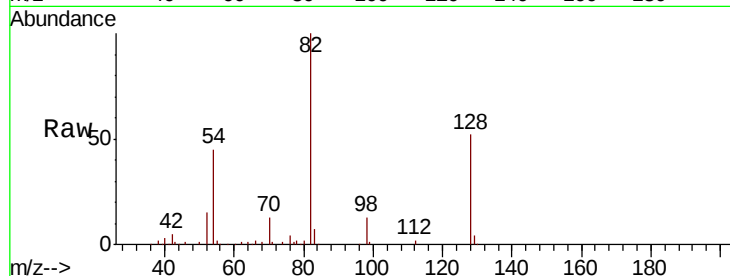




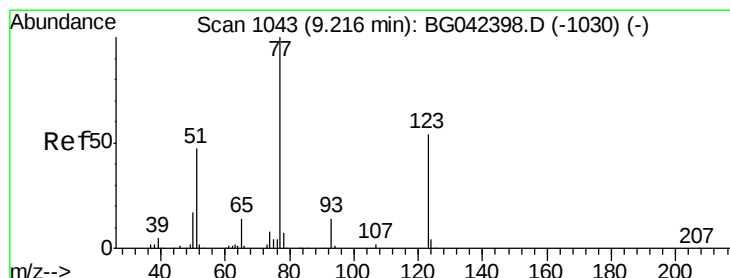
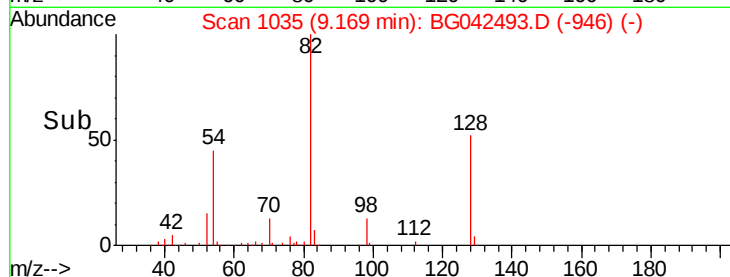
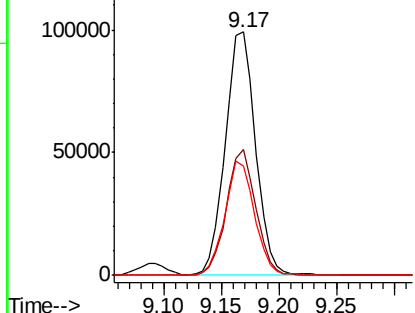
#23
 Nitrobenzene-d5
 Concen: 62.343 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.8	40.7	61.1
54	45.1	36.3	54.5

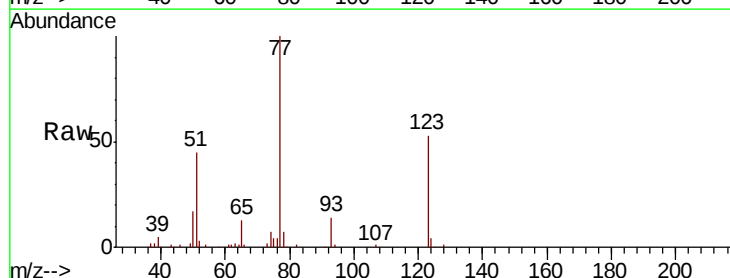


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

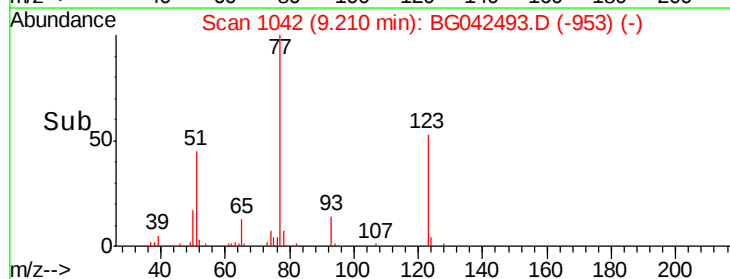
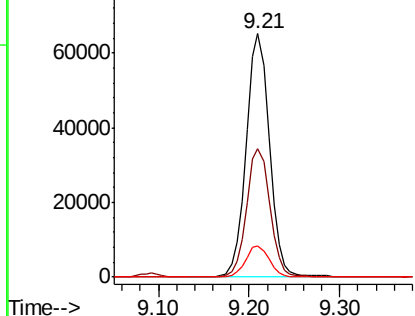


#24
 Nitrobenzene
 Concen: 39.805 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	43.4	65.0
65	12.8	11.0	16.6



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





#25

Isophorone

Concen: 37.278 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

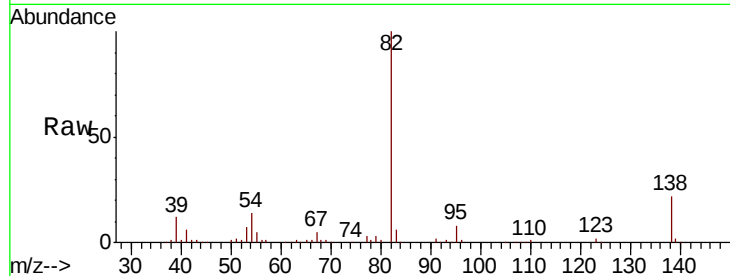
Tgt Ion: 82 Resp: 212190

Ion Ratio Lower Upper

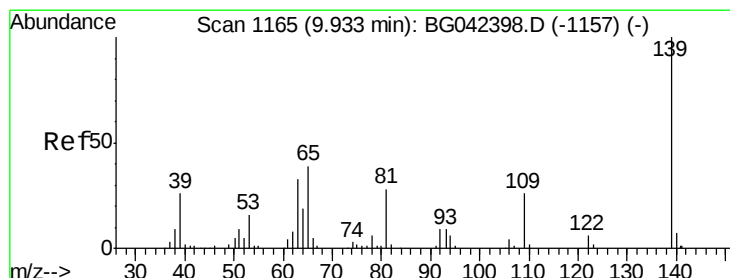
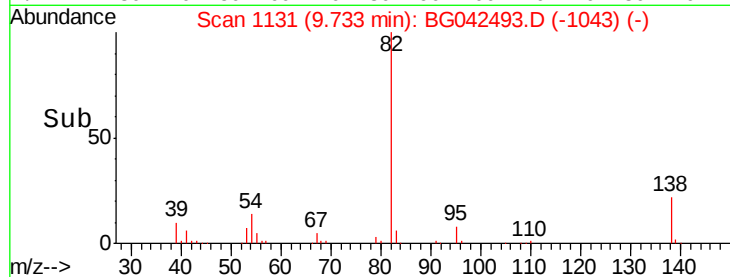
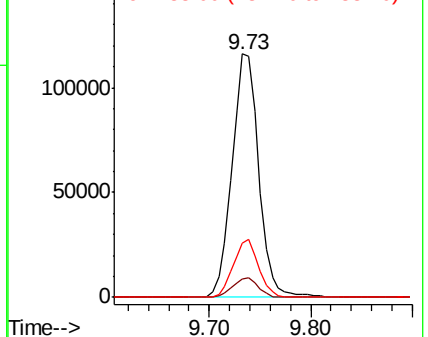
82 100

95 7.7 6.6 9.8

138 22.1 18.6 27.8



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



#26

2-Nitrophenol

Concen: 39.959 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

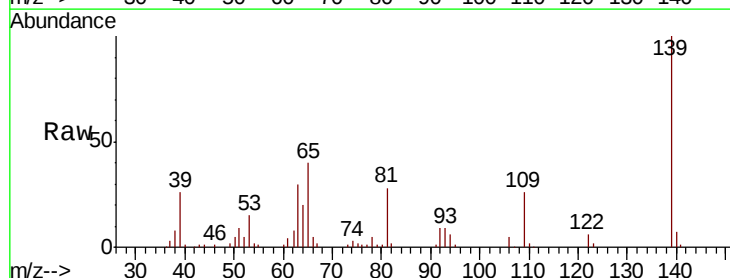
Tgt Ion: 139 Resp: 73136

Ion Ratio Lower Upper

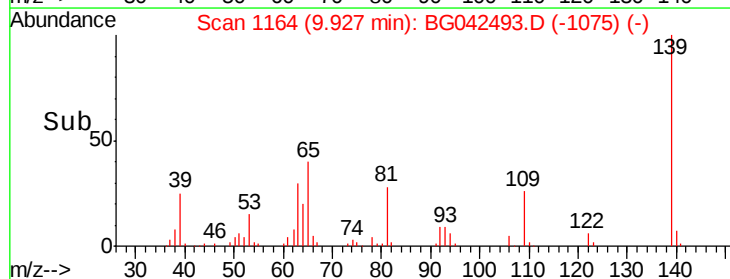
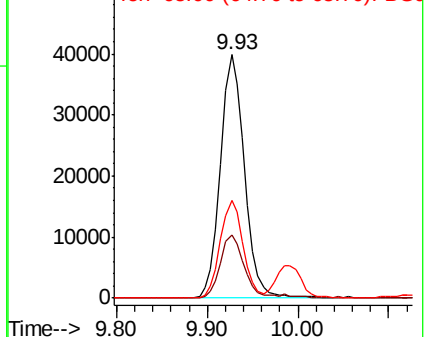
139 100

109 26.1 20.5 30.7

65 39.9 30.9 46.3



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

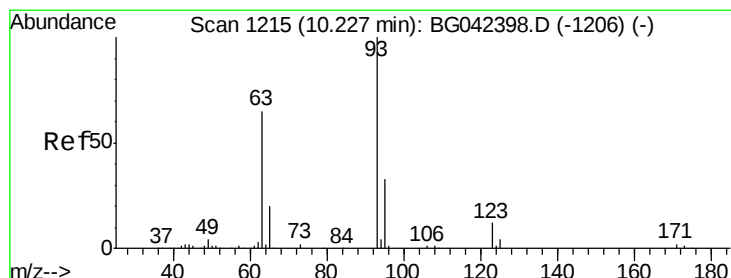
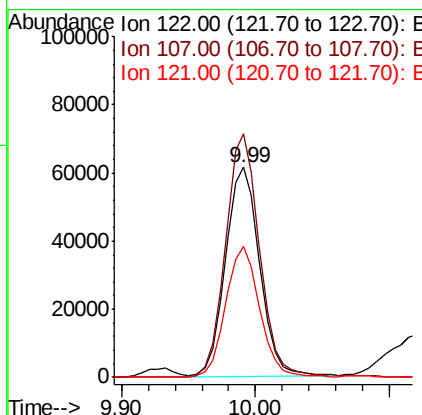
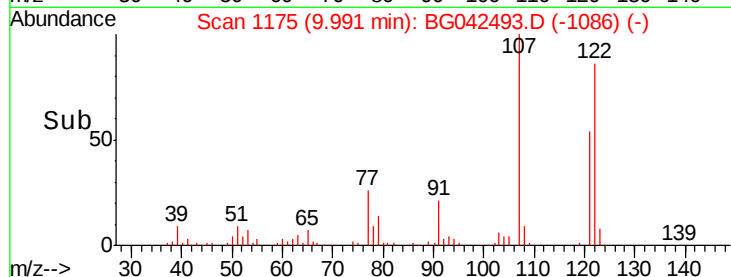
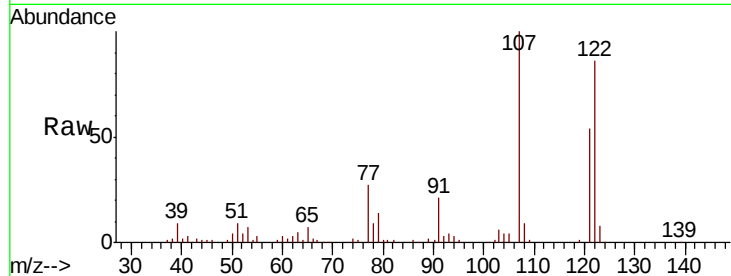




#27
 2,4-Dimethylphenol
 Concen: 43.415 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

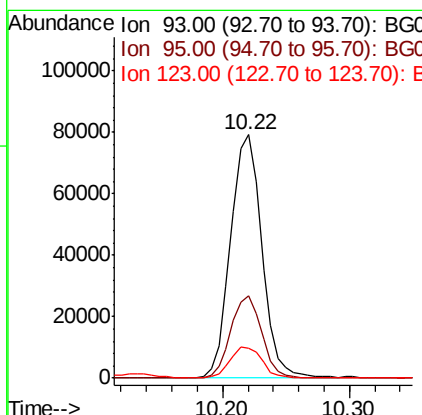
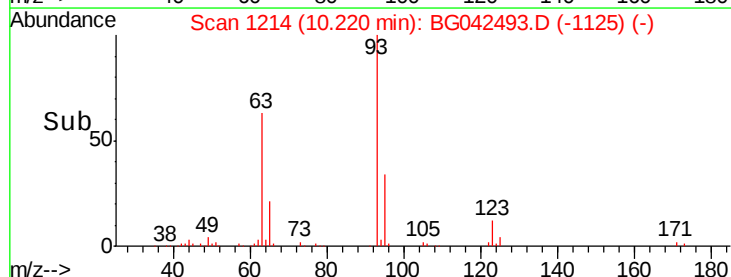
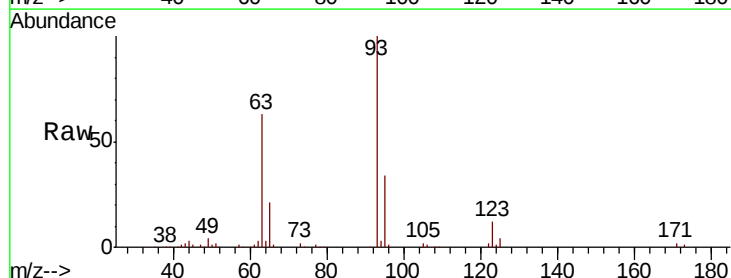
Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

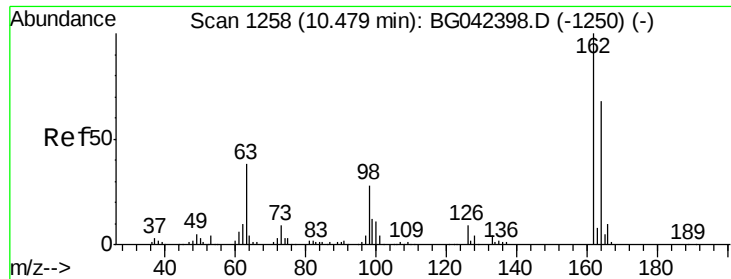
Tgt Ion:122 Resp: 109459
 Ion Ratio Lower Upper
 122 100
 107 116.0 90.8 136.2
 121 62.1 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.761 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion: 93 Resp: 135469
 Ion Ratio Lower Upper
 93 100
 95 34.0 26.6 40.0
 123 12.3 10.1 15.1

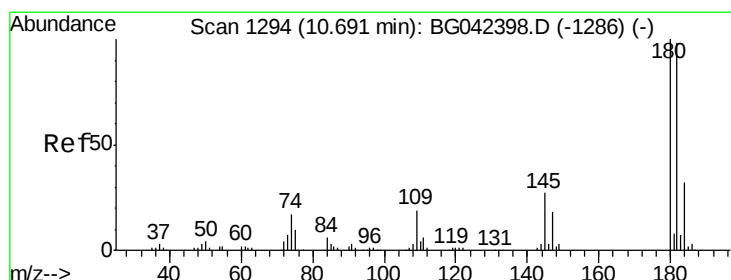
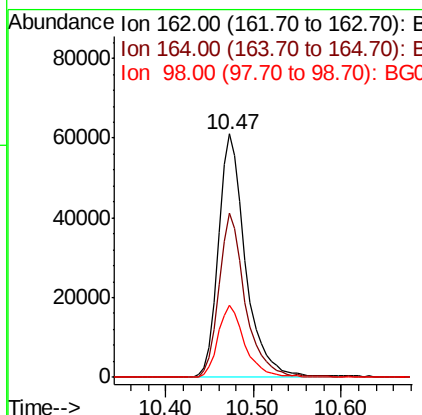
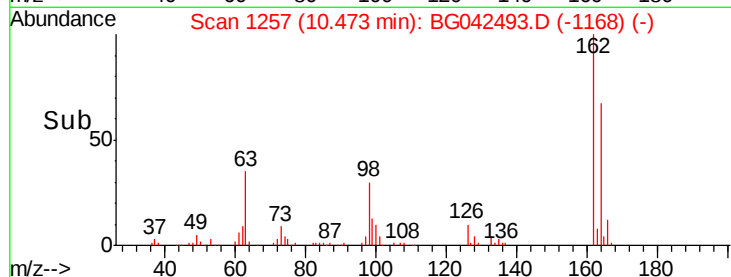
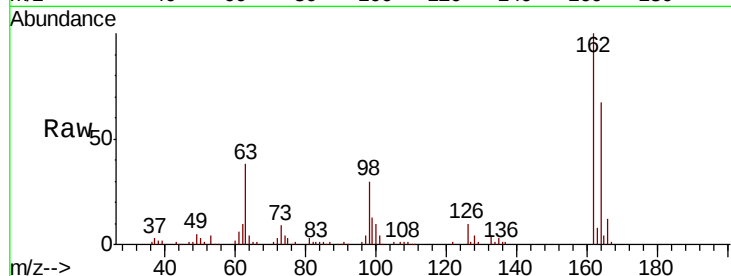




#29
2,4-Dichlorophenol
Concen: 39.477 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

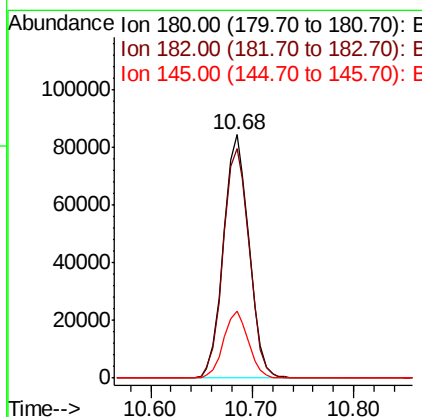
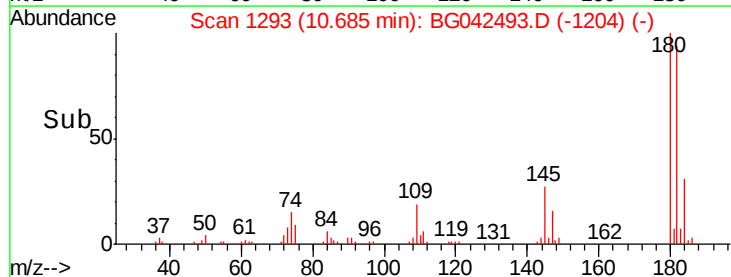
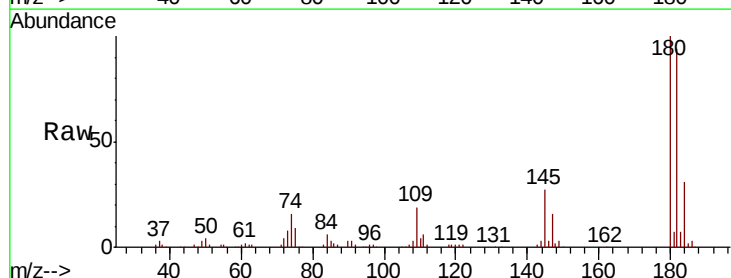
Instrument :
BNA_G
ClientSampleId :
PB122510BS

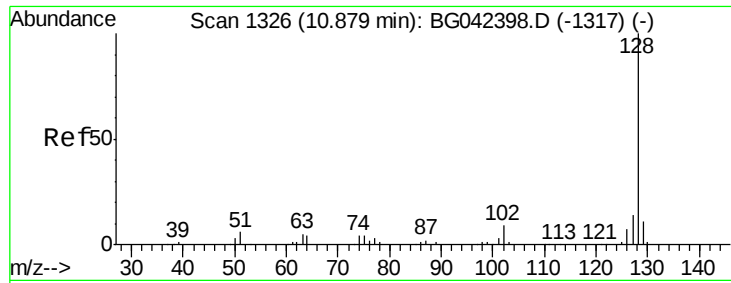
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.4	48.1	88.1
98	29.8	7.6	47.6



#30
1,2,4-Trichlorobenzene
Concen: 36.455 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.7	118.1
145	27.4	21.6	32.4

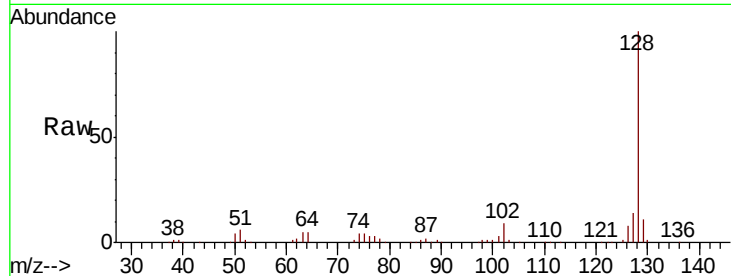




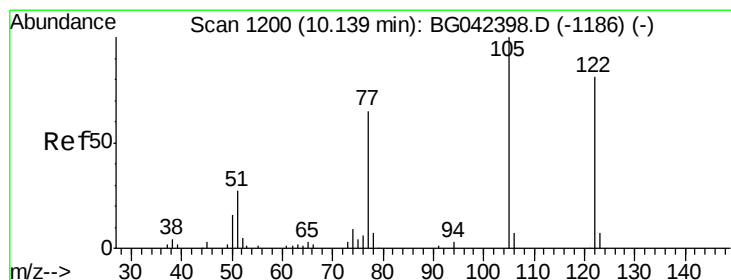
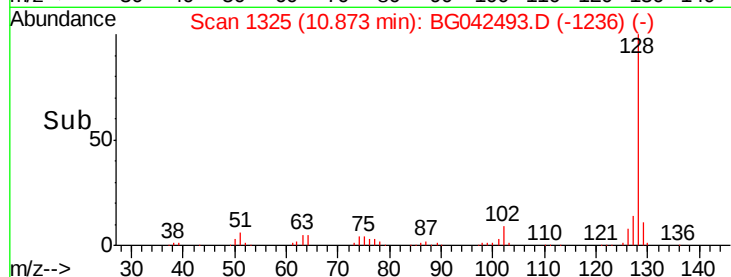
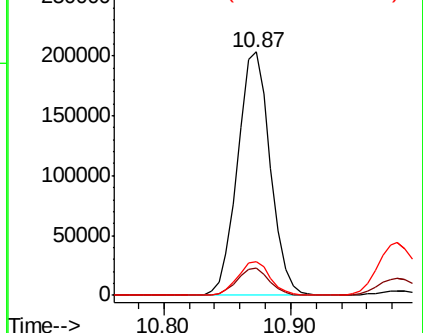
#31
Naphthalene
Concen: 39.253 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Instrument :
BNA_G
ClientSampleId :
PB122510BS

Tgt Ion:128 Resp: 363230
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 14.1 11.4 17.0

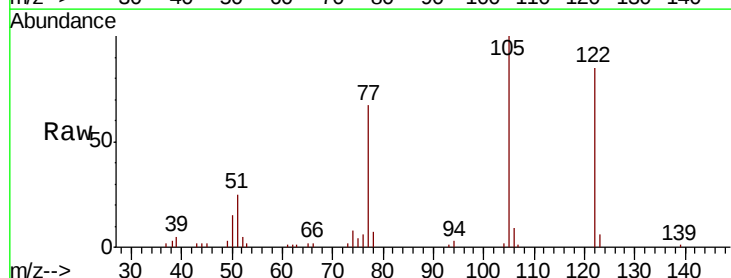


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

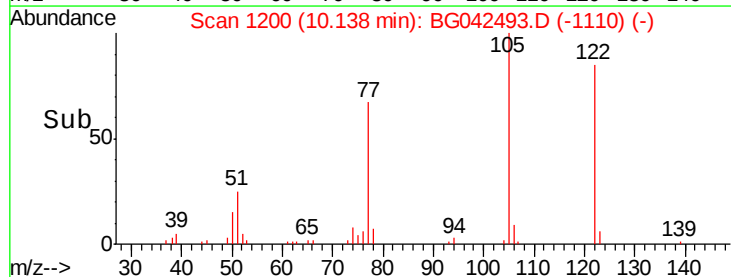
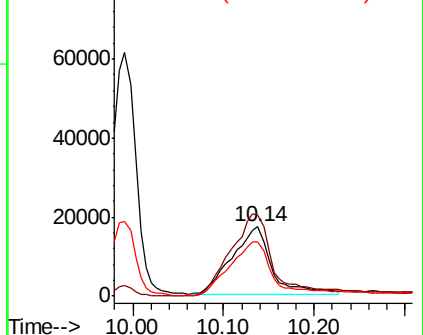


#32
Benzoic acid
Concen: 31.550 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion:122 Resp: 51556
Ion Ratio Lower Upper
122 100
105 118.0 99.6 139.6
77 78.7 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

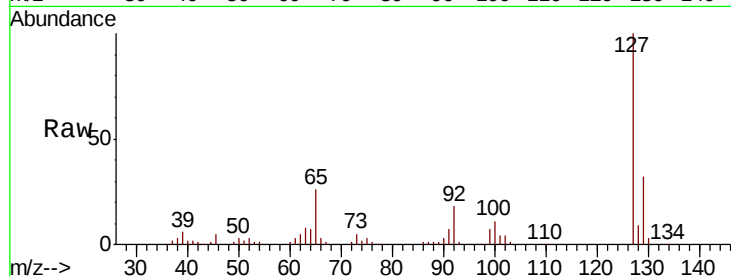




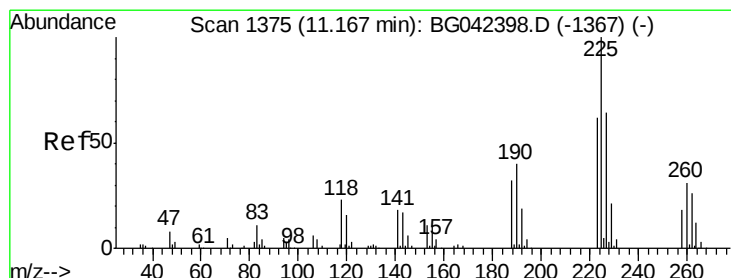
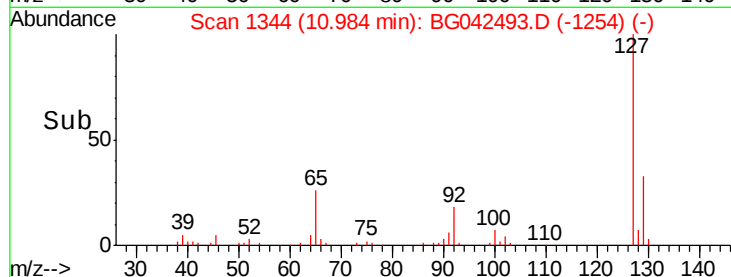
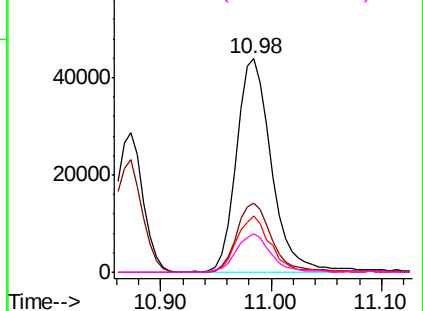
#33
4-Chloroaniline
Concen: 22.865 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Instrument :
BNA_G
ClientSampleId :
PB122510BS

Tgt Ion:	127	Resp:	97670
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.8	40.2
65	26.3	20.7	31.1
92	17.9	13.6	20.4

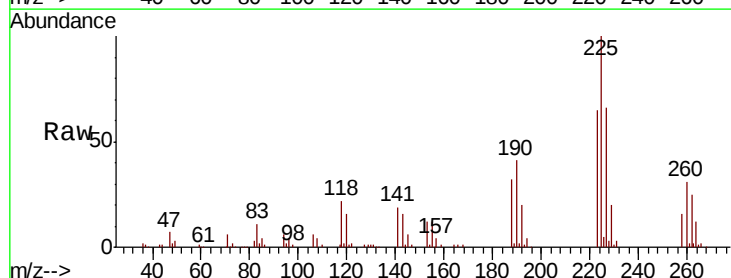


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

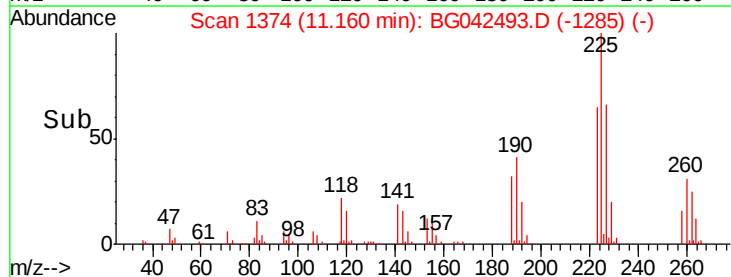
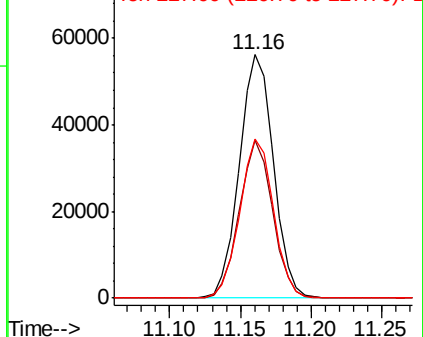


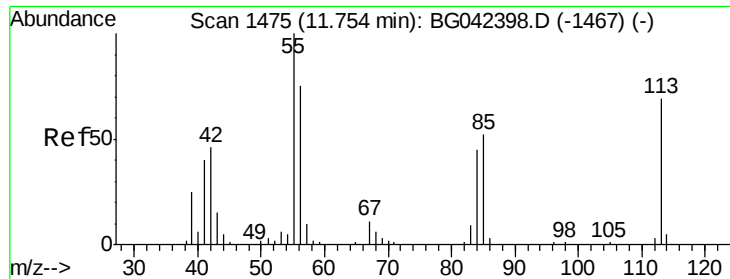
#34
Hexachlorobutadiene
Concen: 34.901 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion:	225	Resp:	94969
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.8	74.6
227	65.5	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: 17.802 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

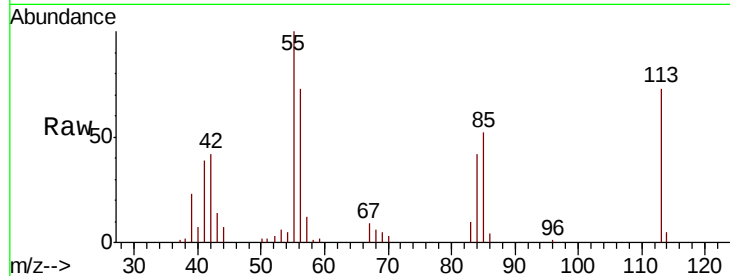
Tgt Ion:113 Resp: 19594

Ion Ratio Lower Upper

113 100

55 137.9 124.6 164.6

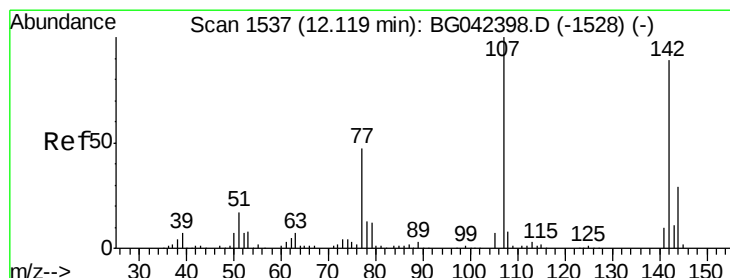
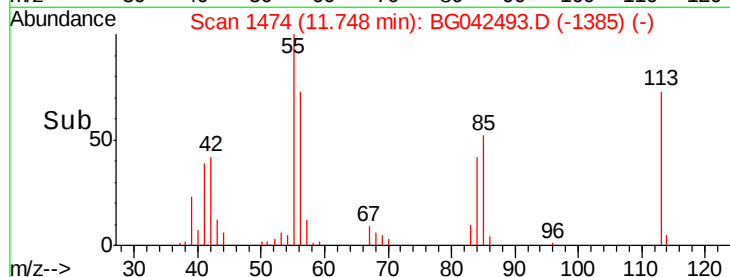
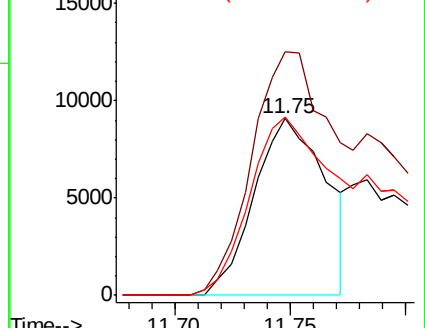
56 101.1 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 37.935 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

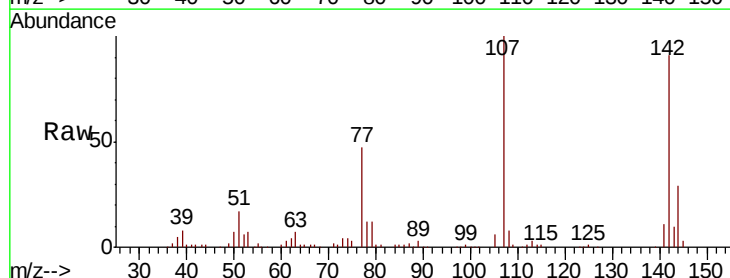
Tgt Ion:107 Resp: 118788

Ion Ratio Lower Upper

107 100

144 28.6 23.6 35.4

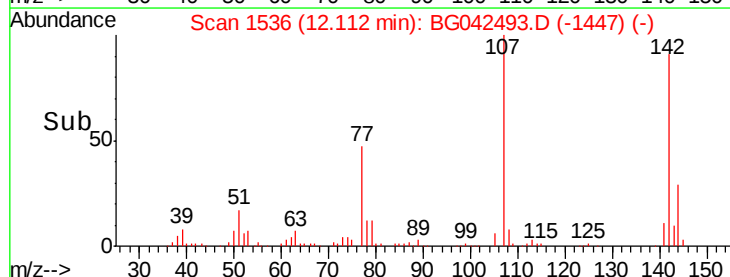
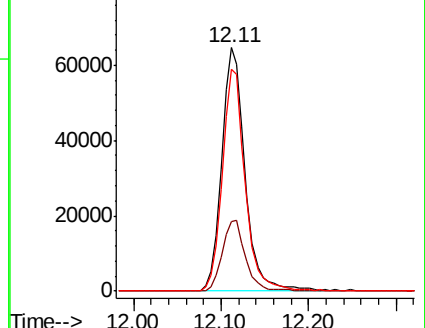
142 91.1 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

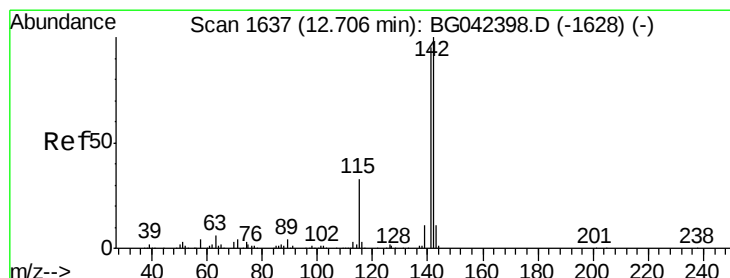
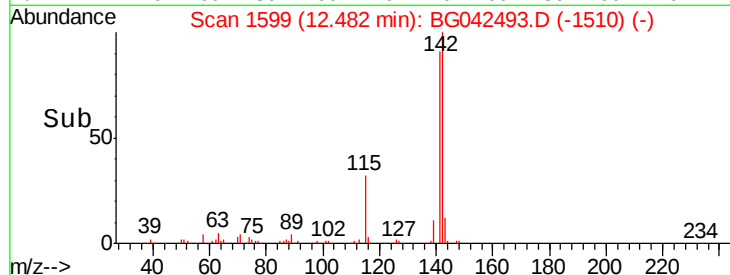
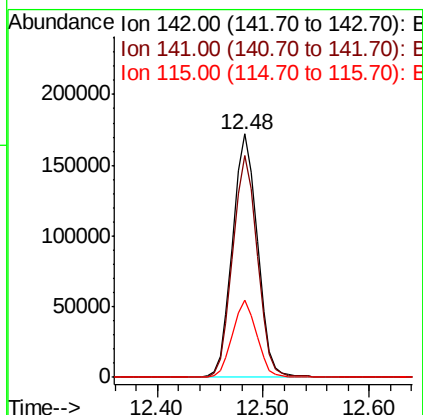
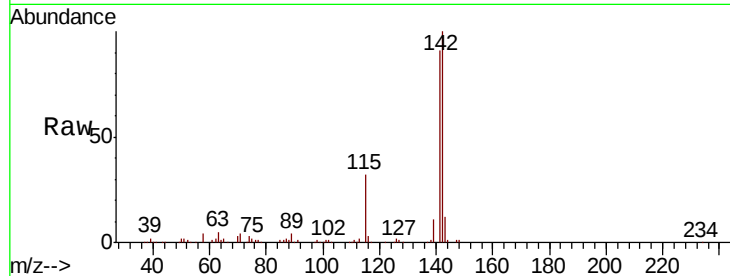




#37
 2-Methylnaphthalene
 Concen: 37.859 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

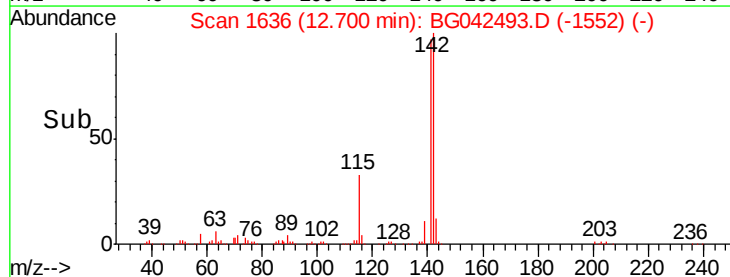
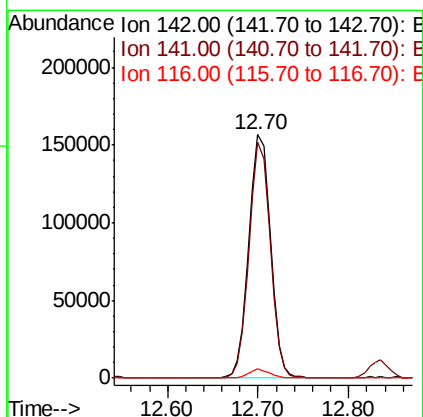
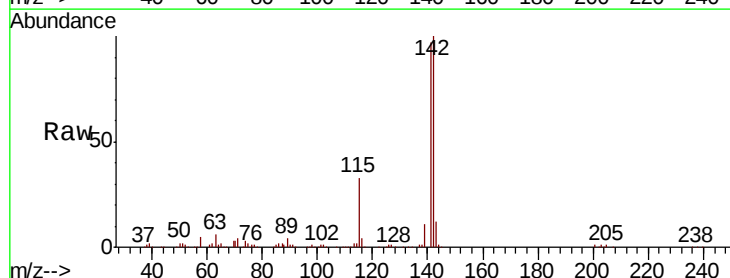
Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

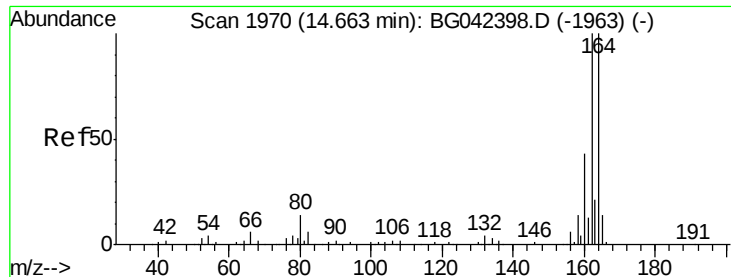
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.4	107.2
115	31.6	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 37.097 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	76.2	114.2
116	3.8	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: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

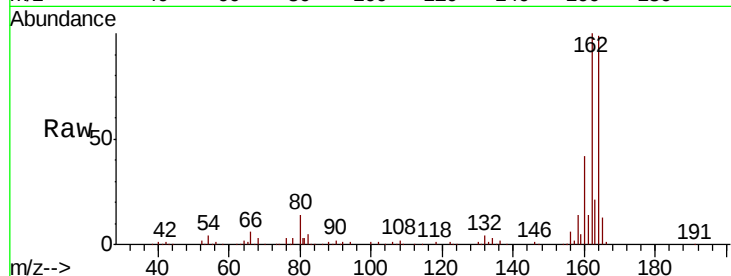
Tgt Ion:164 Resp: 136957

Ion Ratio Lower Upper

164 100

162 101.4 79.9 119.9

160 42.8 34.3 51.5

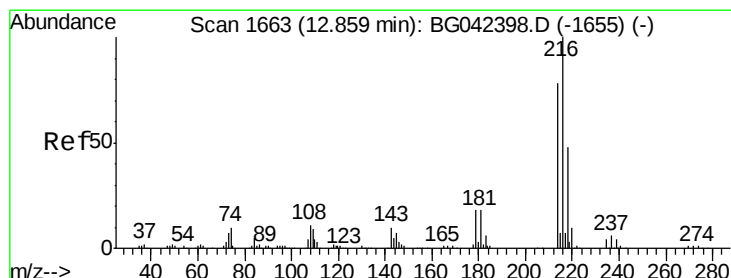
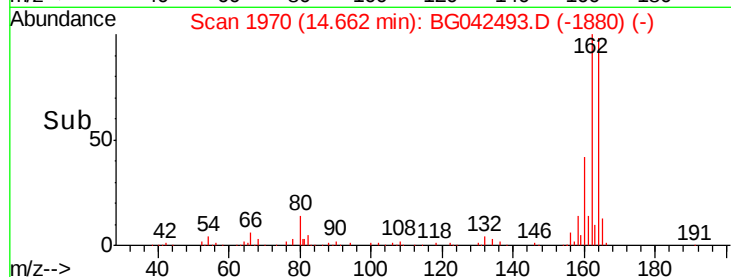
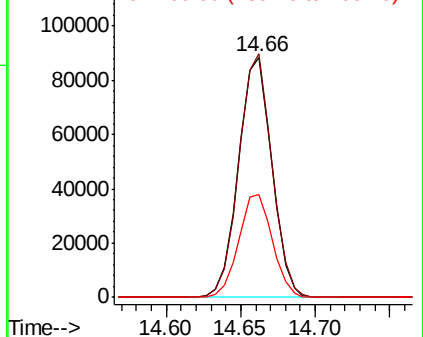


Abundance

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: 39.925 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Tgt Ion:216 Resp: 175599

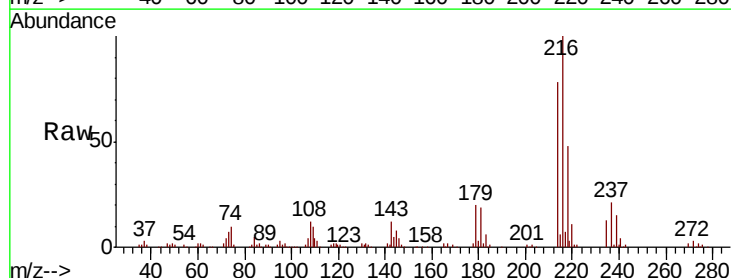
Ion Ratio Lower Upper

216 100

214 76.8 61.4 92.2

179 19.0 15.1 22.7

108 13.6 9.4 14.0



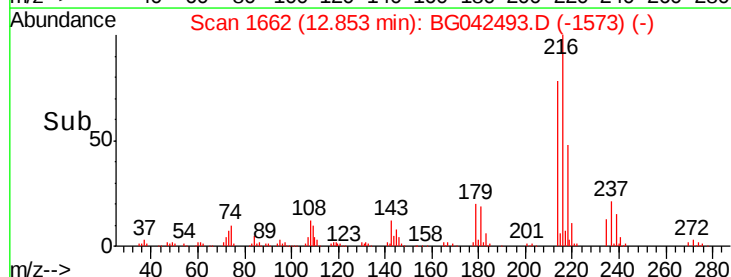
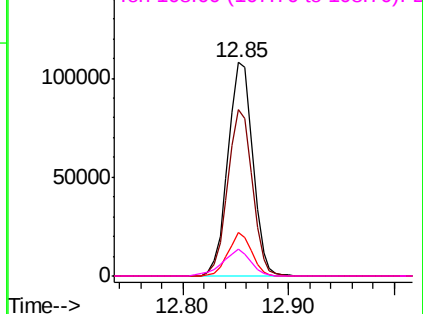
Abundance

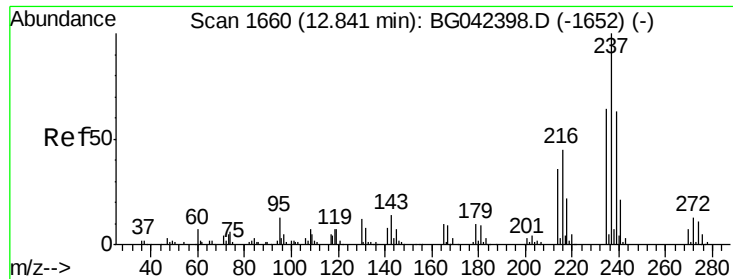
Ion 216.00 (215.70 to 216.70): E

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: 82.006 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

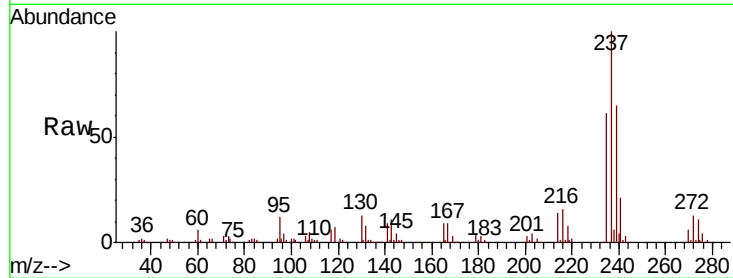
Tgt Ion: 237 Resp: 189460

Ion Ratio Lower Upper

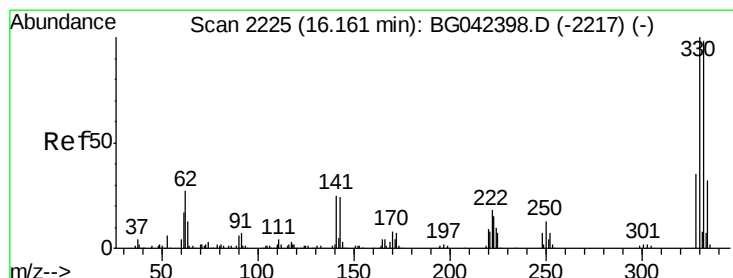
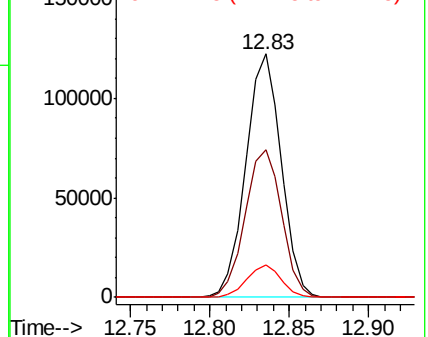
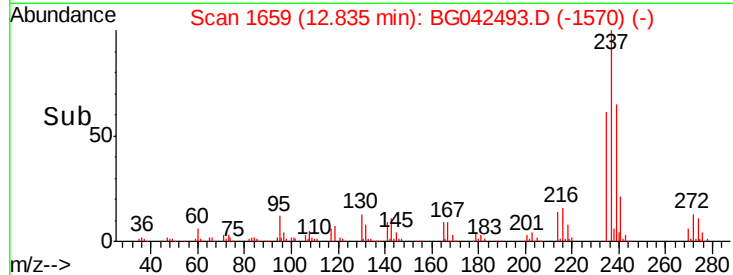
237 100

235 60.8 43.7 83.7

272 13.1 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: 93.447 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

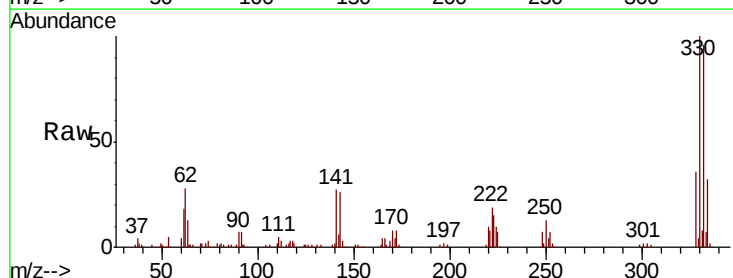
Tgt Ion: 330 Resp: 181906

Ion Ratio Lower Upper

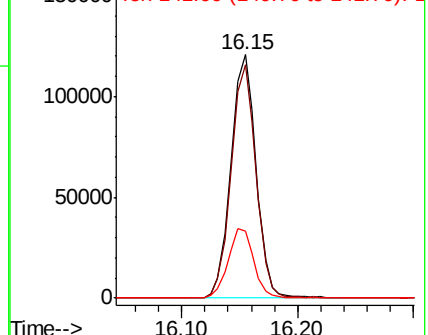
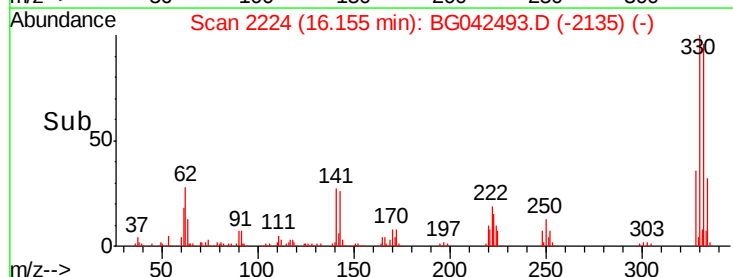
330 100

332 95.6 77.4 116.0

141 29.0 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

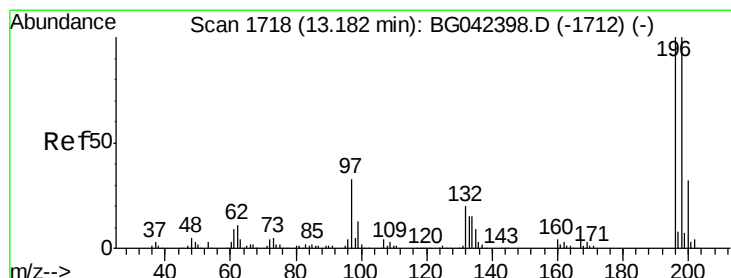
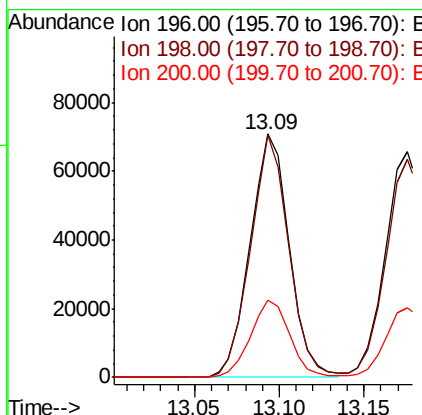
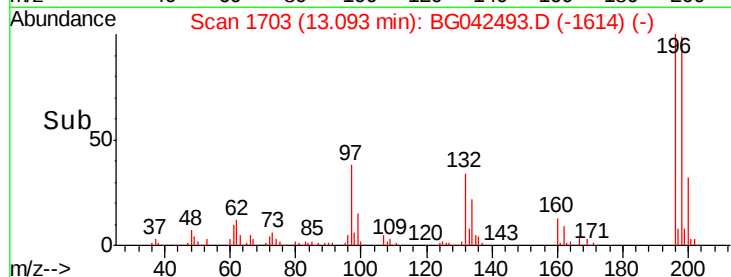
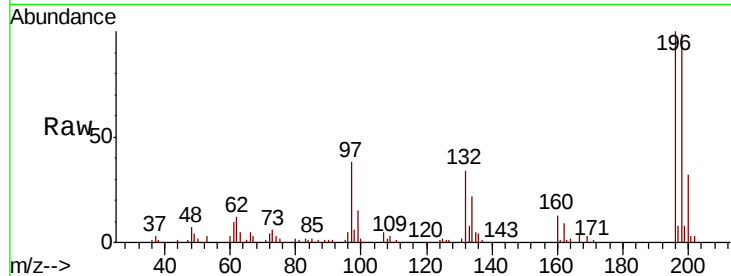




#43
 2,4,6-Trichlorophenol
 Concen: 38.463 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

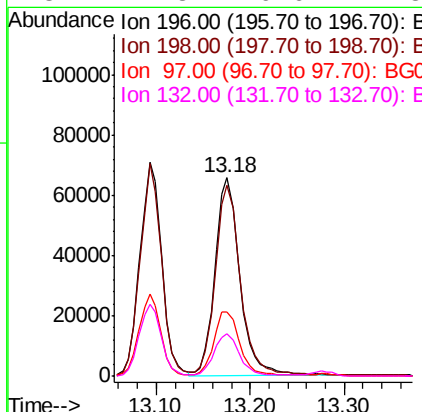
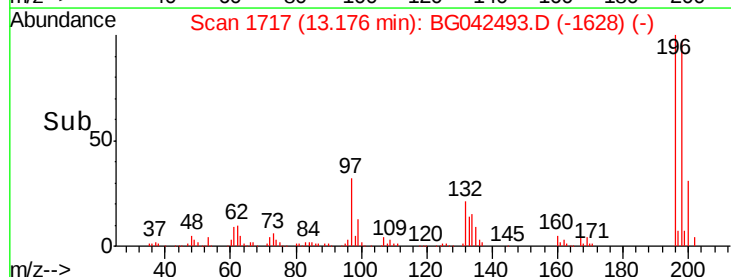
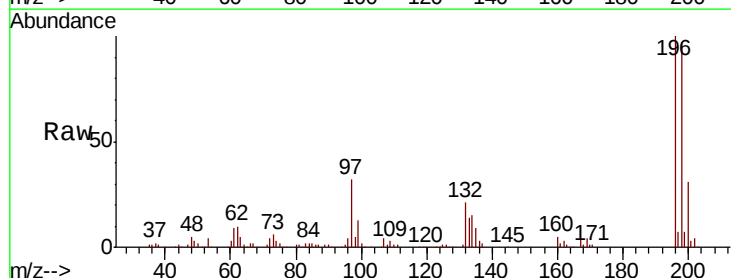
Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

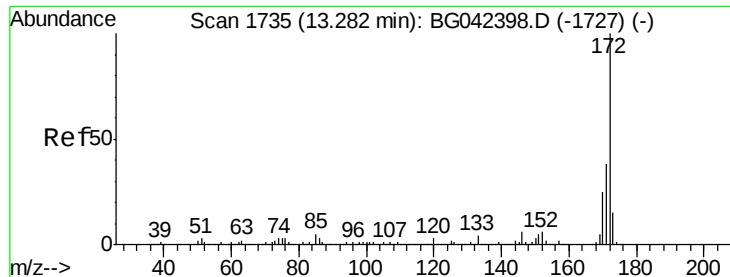
Tgt Ion:196 Resp: 114347
 Ion Ratio Lower Upper
 196 100
 198 99.5 80.7 121.1
 200 31.7 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 39.707 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion:196 Resp: 122327
 Ion Ratio Lower Upper
 196 100
 198 96.5 80.2 120.4
 97 32.2 26.3 39.5
 132 21.3 16.6 24.8

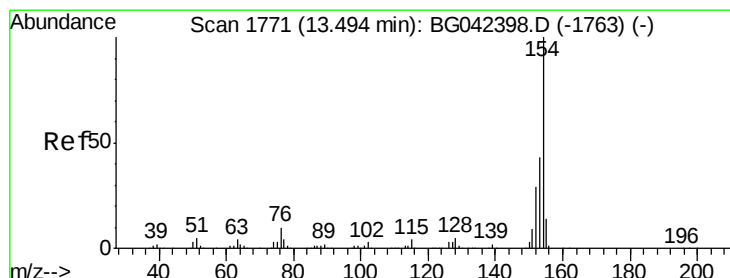
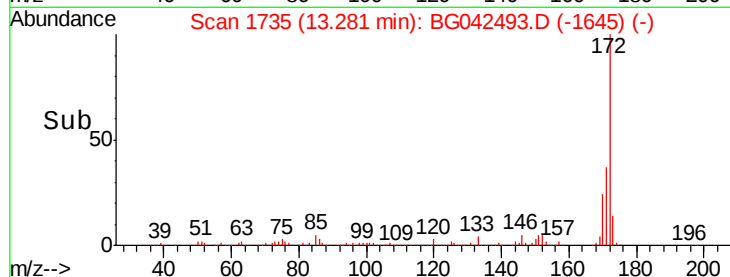
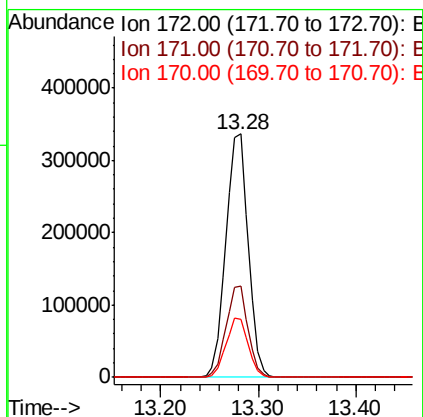
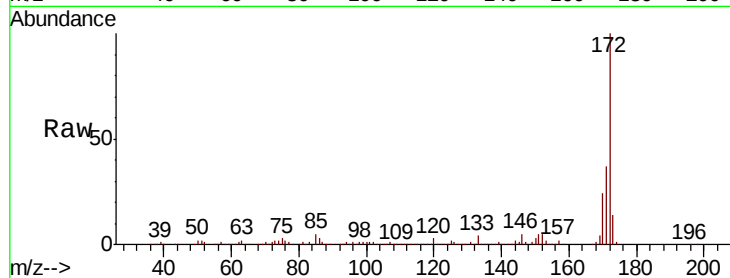




#45
 2-Fluorobiphenyl
 Concen: 66.098 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

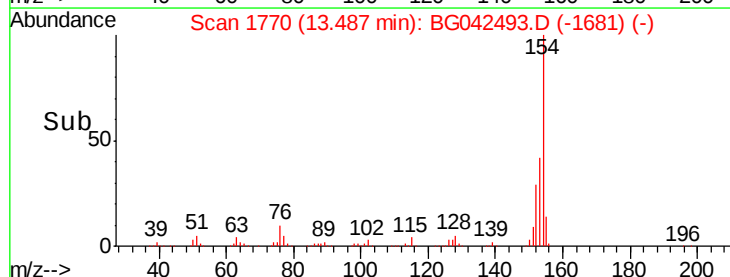
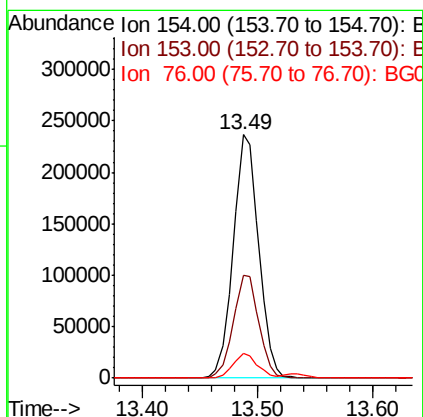
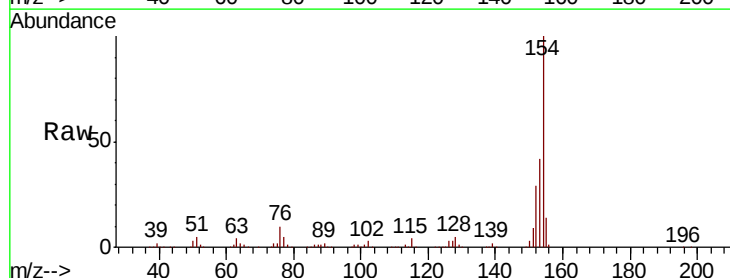
Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

Tgt Ion:172 Resp: 535250
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 24.1 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.661 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion:154 Resp: 359974
 Ion Ratio Lower Upper
 154 100
 153 42.1 23.0 63.0
 76 10.2 0.0 29.6

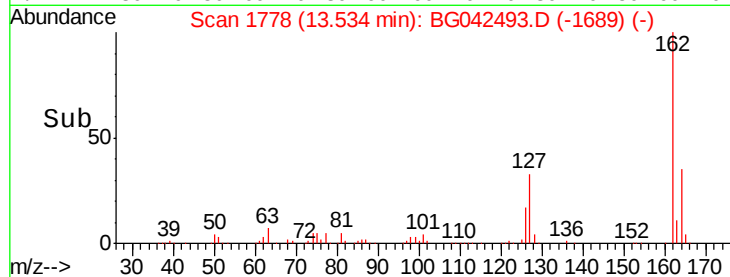
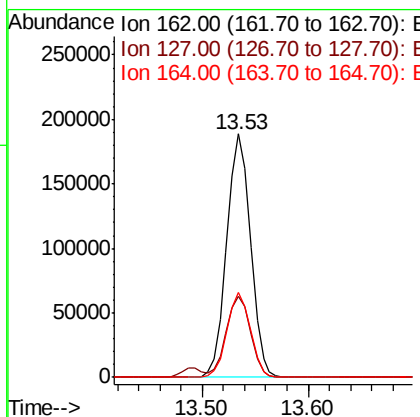
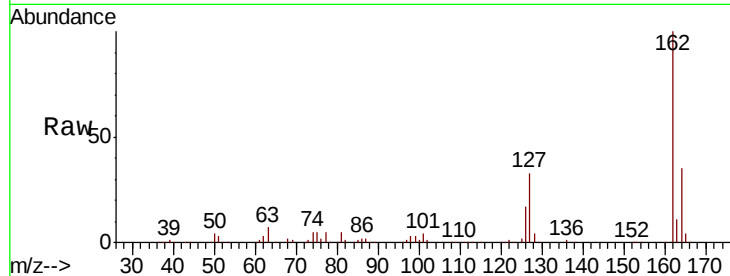




#47
 2-Chloronaphthalene
 Concen: 38.603 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

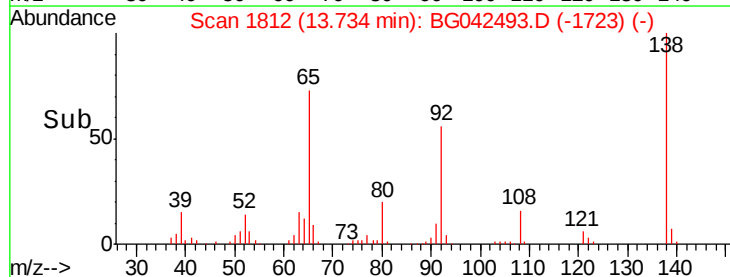
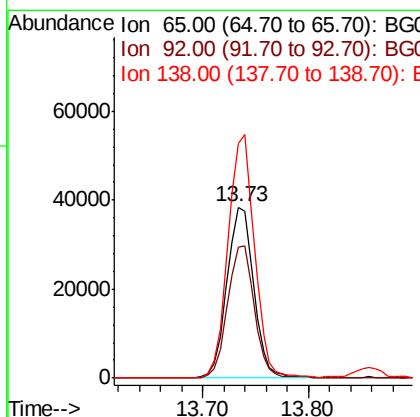
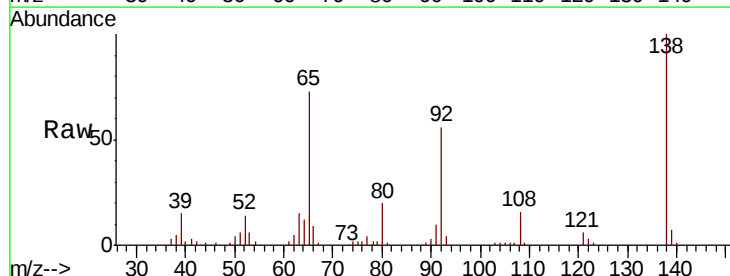
Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

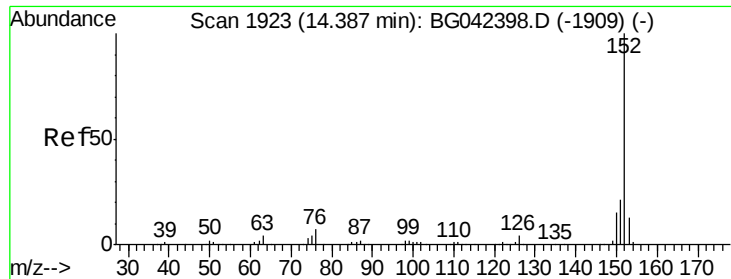
Tgt Ion: 162 Resp: 294683
 Ion Ratio Lower Upper
 162 100
 127 33.1 26.0 39.0
 164 34.7 27.4 41.0



#48
 2-Nitroaniline
 Concen: 36.704 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion: 65 Resp: 67565
 Ion Ratio Lower Upper
 65 100
 92 77.1 61.8 92.6
 138 137.2 111.0 166.6





#49

Acenaphthylene

Concen: 40.062 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

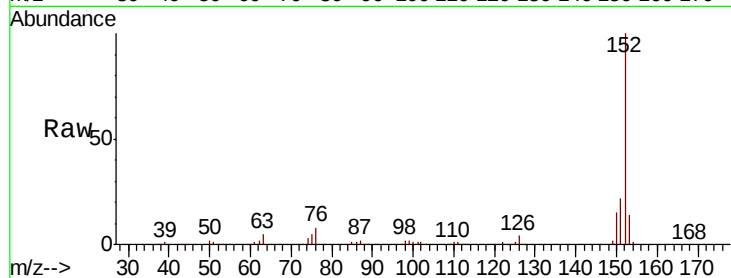
Tgt Ion:152 Resp: 460095

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.4

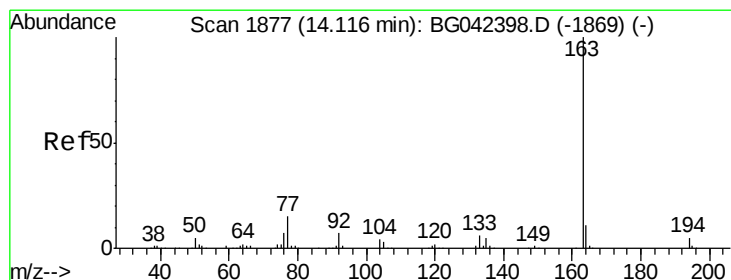
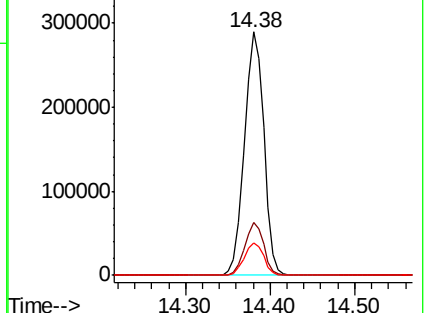
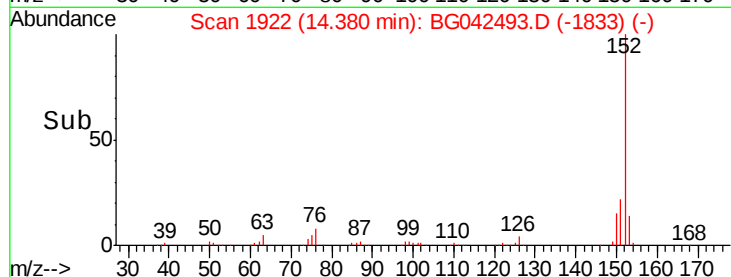
153 13.6 10.6 16.0



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: 36.743 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

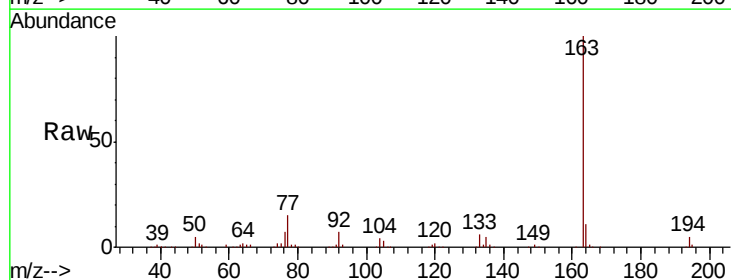
Tgt Ion:163 Resp: 363091

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

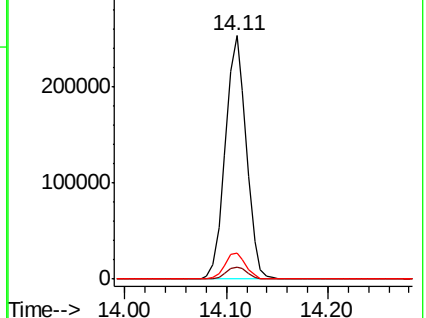
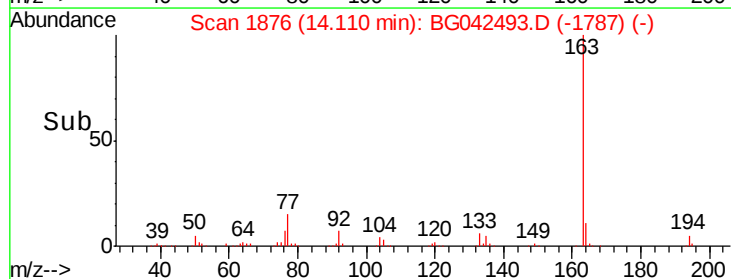
164 10.7 8.8 13.2

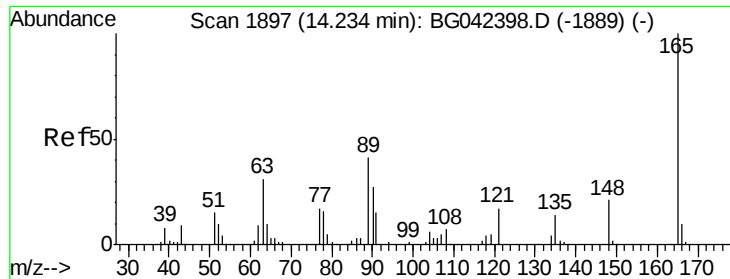


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

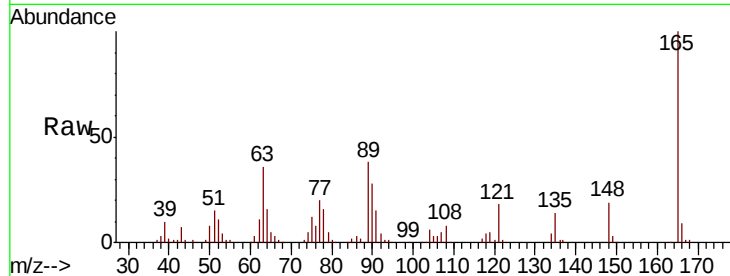




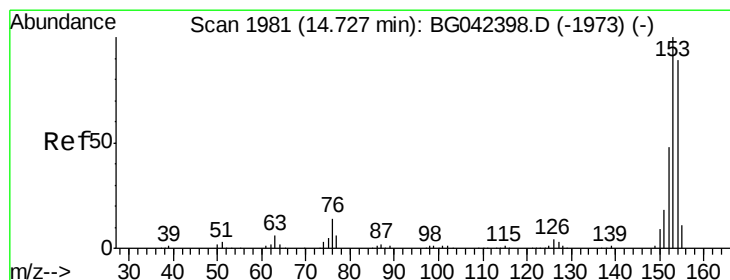
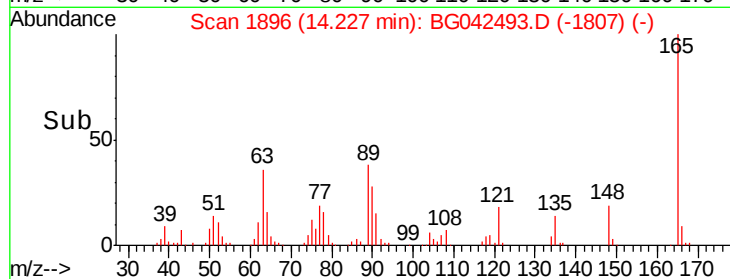
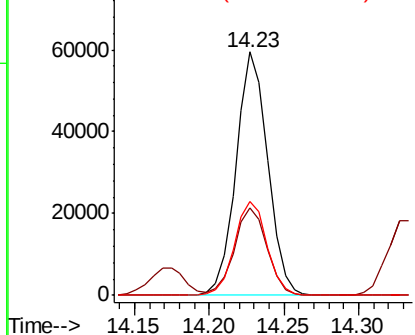
#51
 2,6-Dinitrotoluene
 Concen: 38.211 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.1	30.6	45.8
89	38.5	32.6	49.0

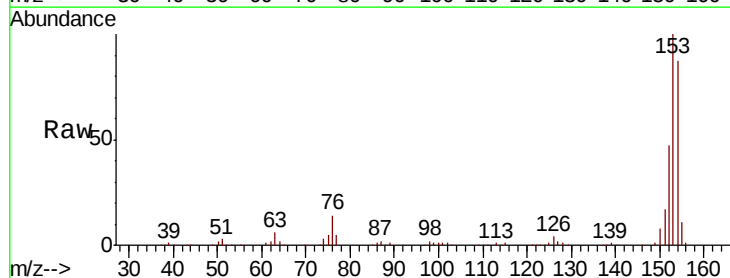


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

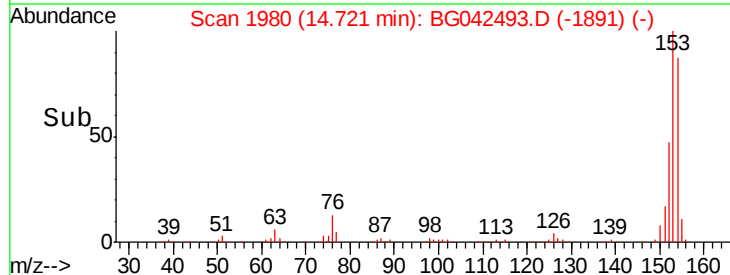
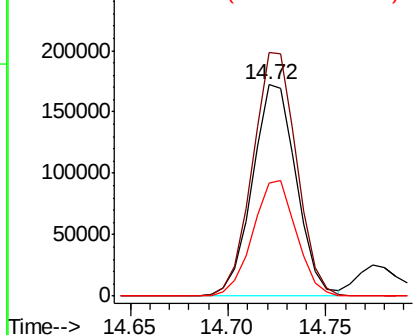


#52
 Acenaphthene
 Concen: 38.459 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.2	135.4
152	53.7	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

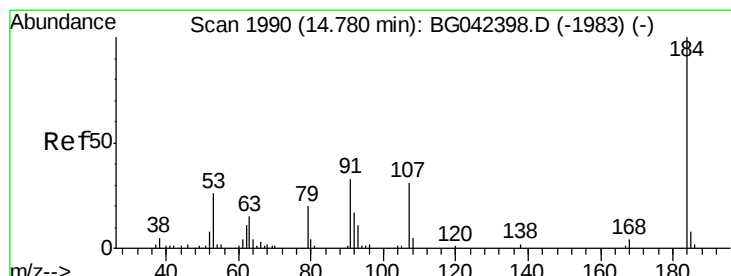
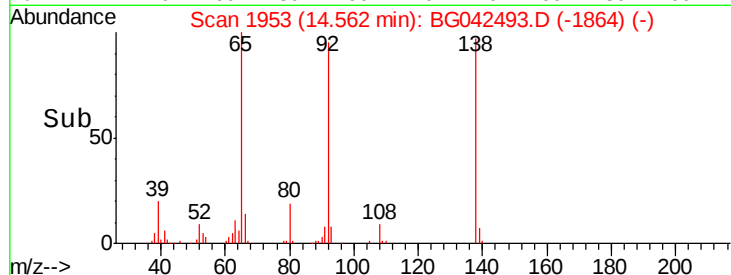
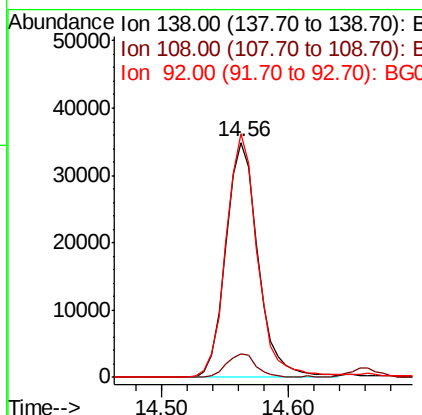
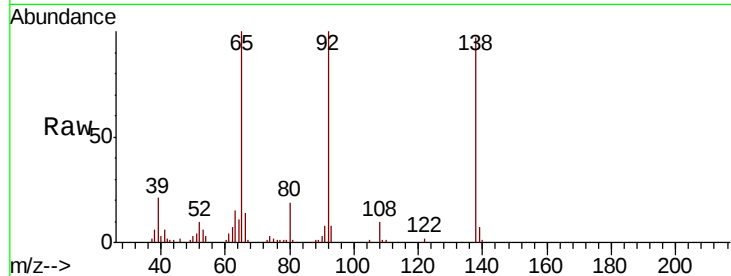




#53
 3-Nitroaniline
 Concen: 26.794 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

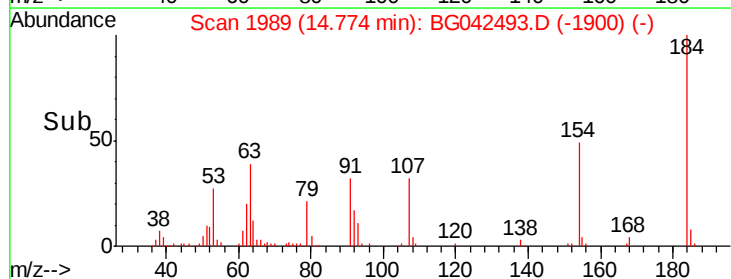
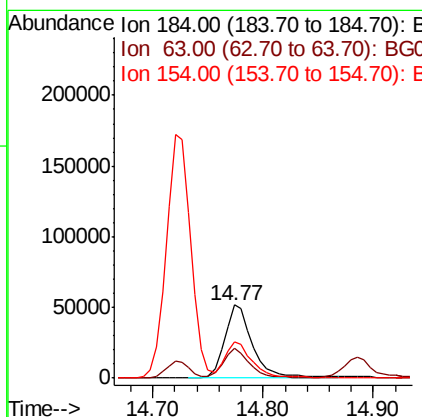
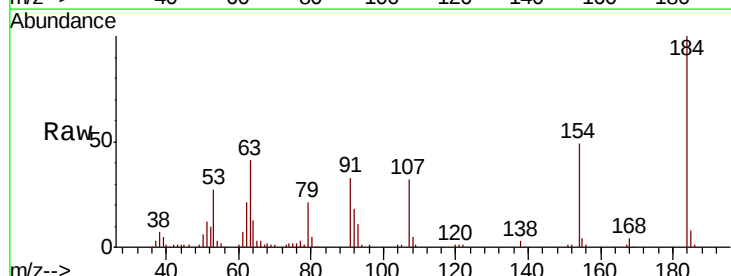
Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

Tgt Ion:138 Resp: 61380
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.3 12.5
 92 103.5 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 61.124 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion:184 Resp: 91903
 Ion Ratio Lower Upper
 184 100
 63 41.1 31.7 47.5
 154 49.4 42.0 63.0





#55

Dibenzenofuran

Concen: 39.166 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

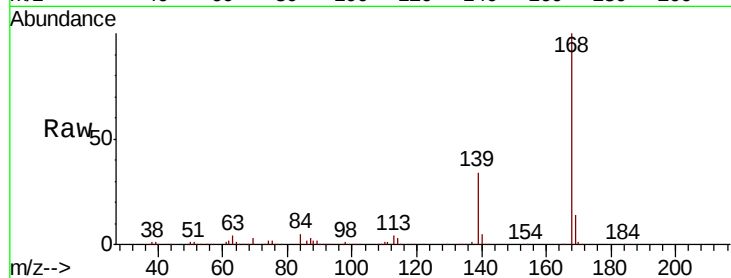
Tgt Ion:168 Resp: 452101

Ion Ratio Lower Upper

168 100

139 34.0 27.2 40.8

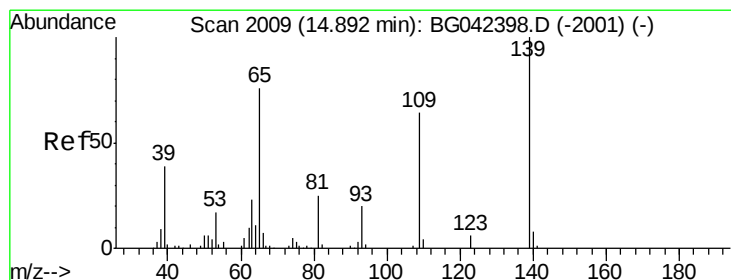
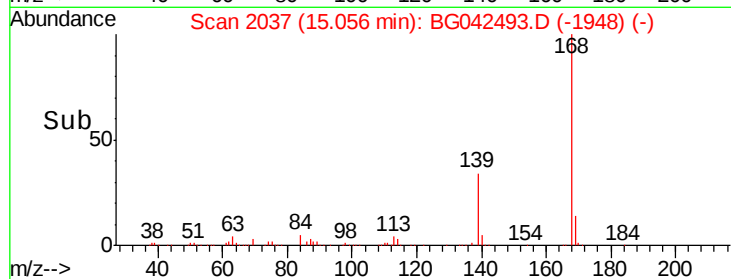
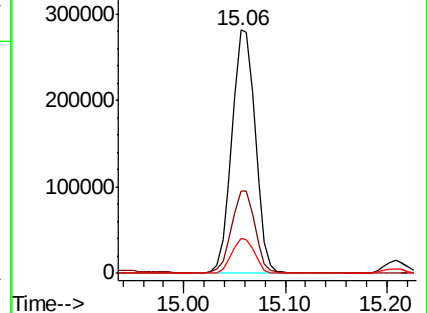
169 14.1 11.5 17.3



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: 78.627 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

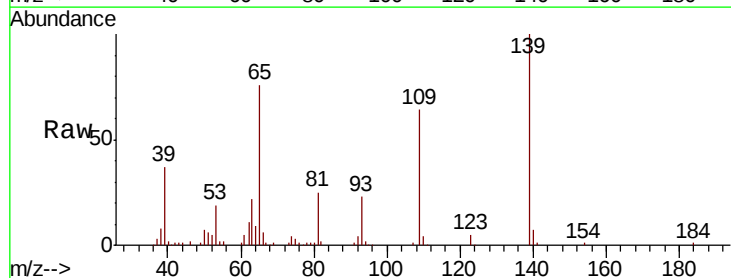
Tgt Ion:139 Resp: 127986

Ion Ratio Lower Upper

139 100

109 63.6 43.9 83.9

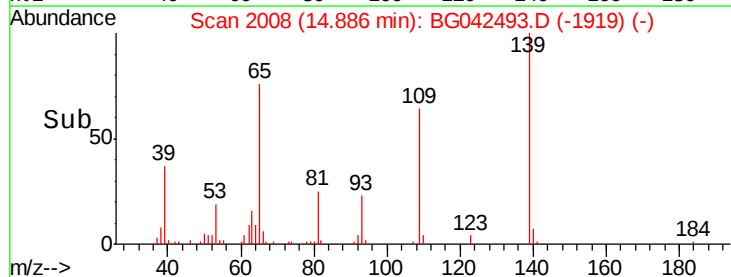
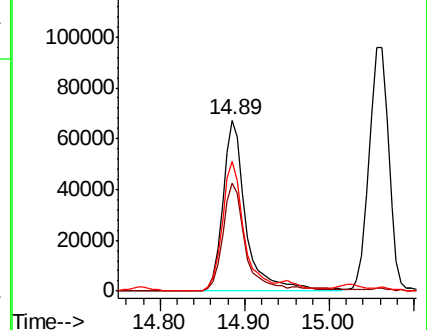
65 75.6 56.3 96.3



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

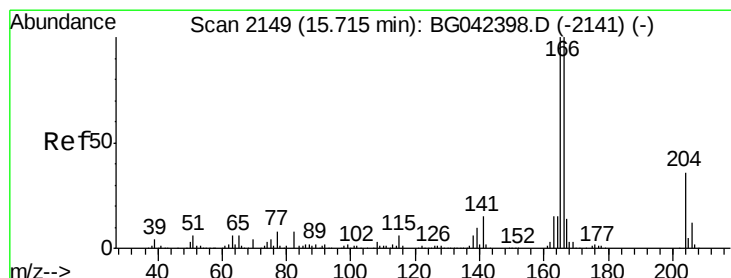
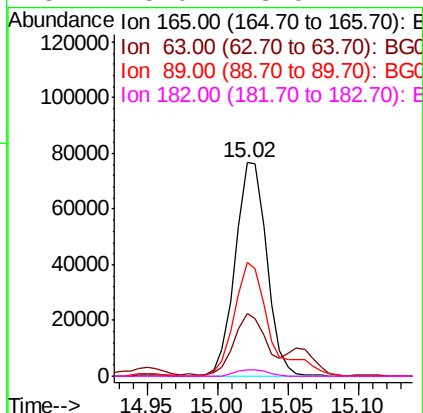
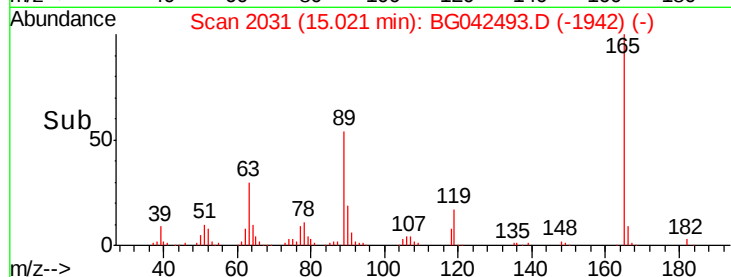
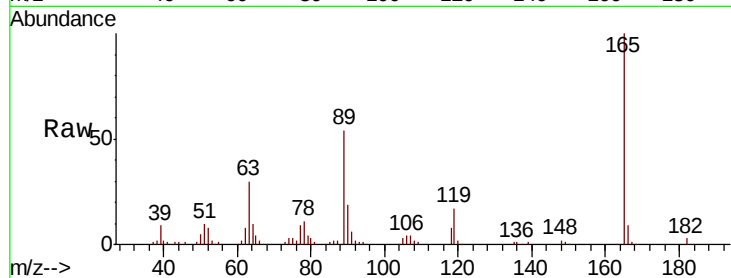




#57
 2,4-Dinitrotoluene
 Concen: 36.604 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

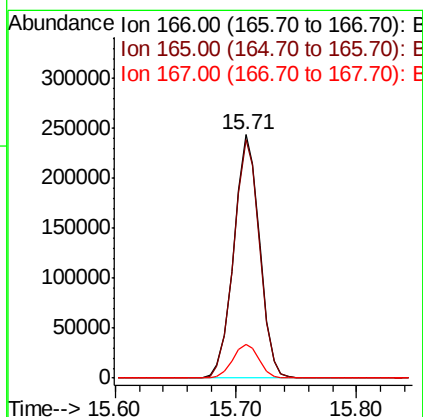
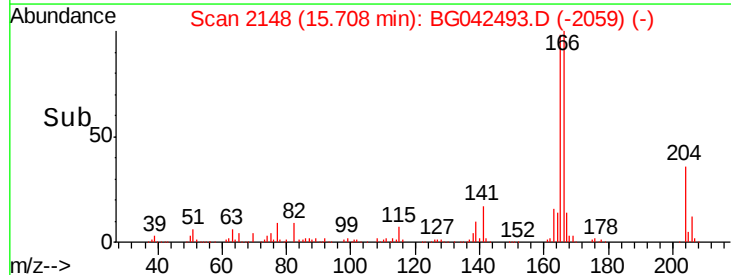
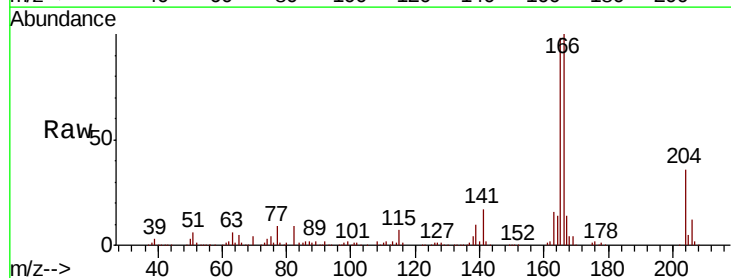
Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

Tgt Ion:	165	Resp:	120063
Ion	Ratio	Lower	Upper
165	100		
63	29.6	22.5	33.7
89	53.6	37.8	56.6
182	3.0	3.0	4.4



#58
 Fluorene
 Concen: 38.418 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion:	166	Resp:	362517
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.7	119.5
167	13.7	10.9	16.3

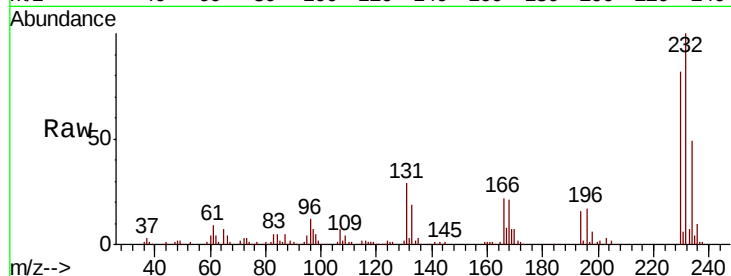




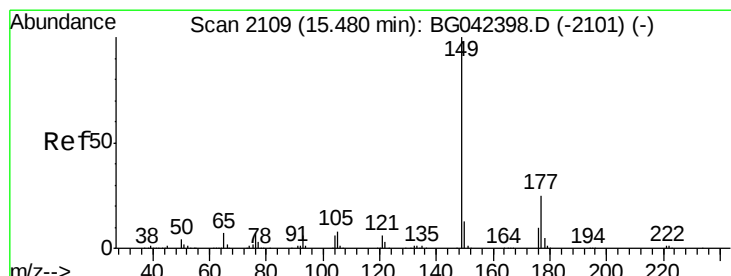
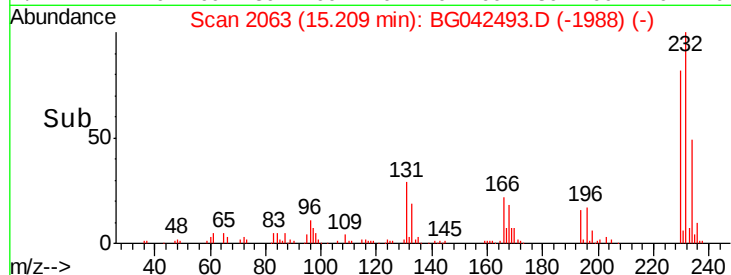
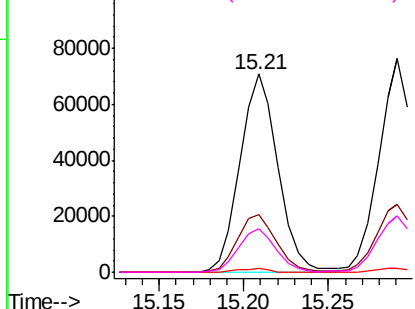
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.334 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

Tgt Ion:	232	Resp:	110697
Ion	Ratio	Lower	Upper
232	100		
131	29.8	22.9	34.3
130	1.6	1.4	2.0
166	21.9	17.0	25.4

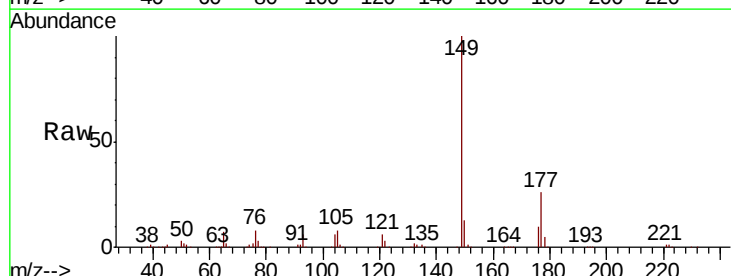


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

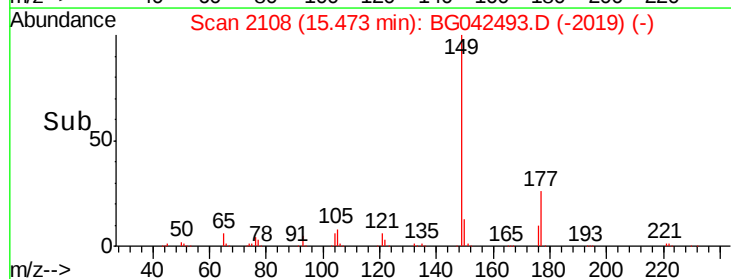
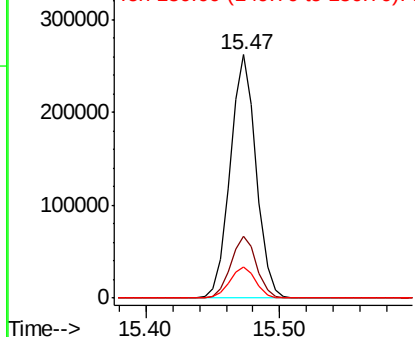


#60
 Diethylphthalate
 Concen: 36.613 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion:	149	Resp:	353686
Ion	Ratio	Lower	Upper
149	100		
177	25.6	20.4	30.6
150	12.8	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

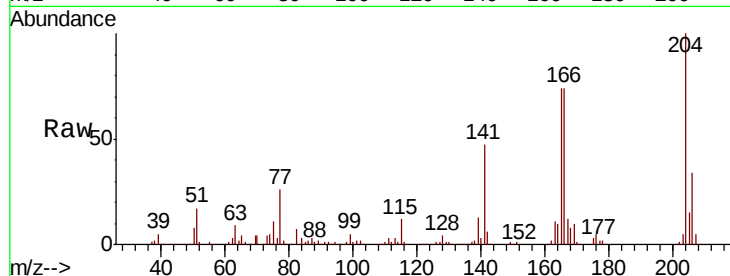




#61
 4-Chlorophenyl-phenylether
 Concen: 36.788 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Instrument :
 BNA_G
 ClientSampleId :
 PB122510BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.2	40.8
141	47.1	38.7	58.1

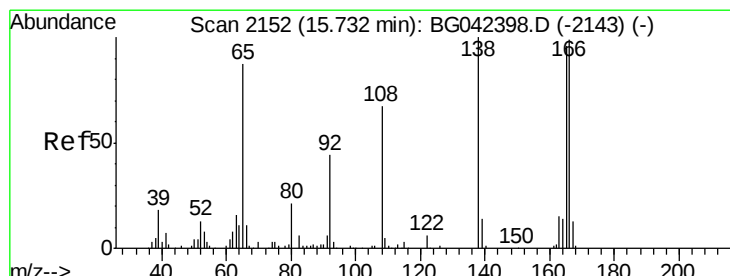
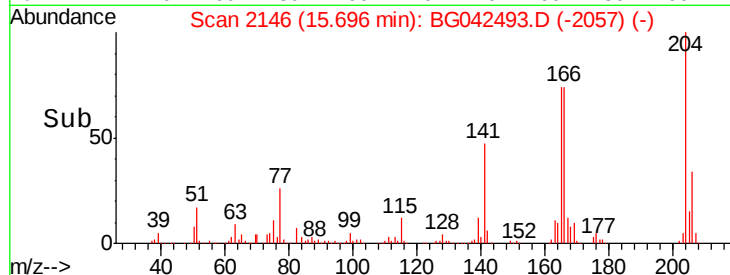
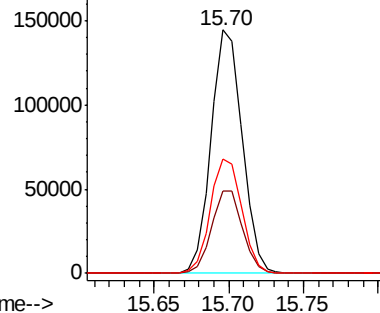


Abundance

Ion 204.00 (203.70 to 204.70): E

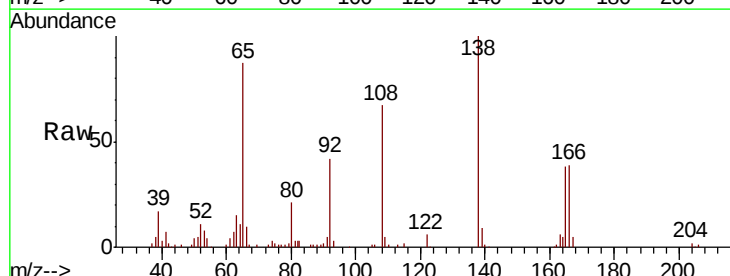
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 36.142 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.7	24.2	64.2
108	66.6	46.8	86.8

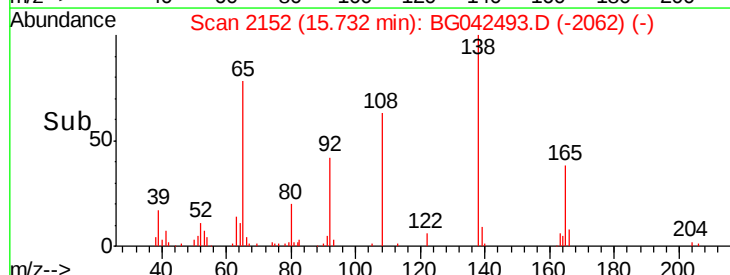
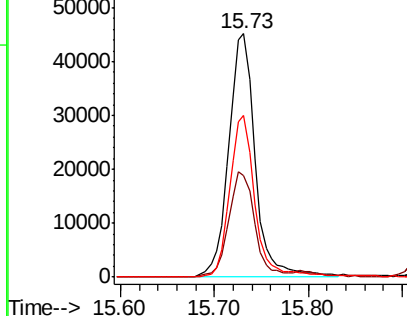


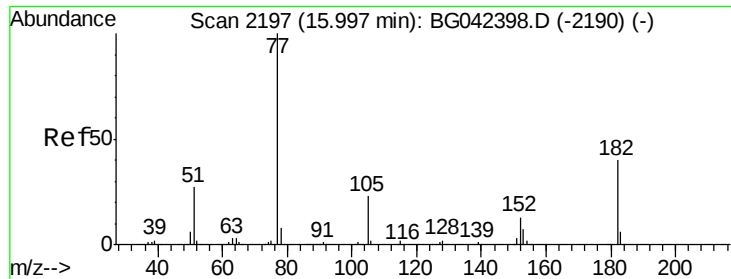
Abundance

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

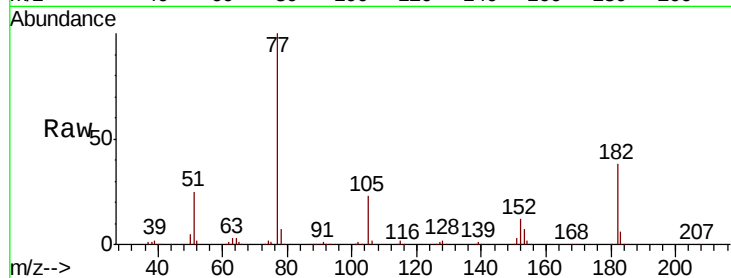




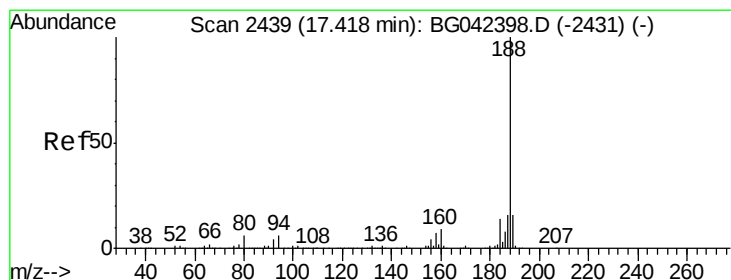
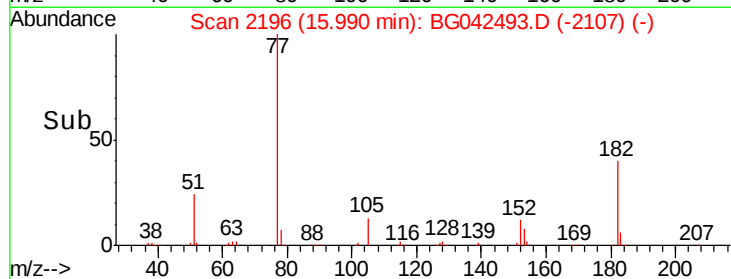
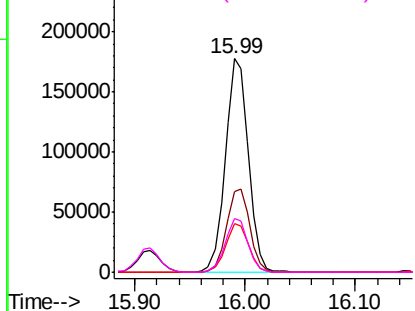
#63
Azobenzene
Concen: 38.818 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Instrument :
BNA_G
ClientSampleId :
PB122510BS

Tgt Ion: 77 Resp: 256951
Ion Ratio Lower Upper
77 100
182 38.0 19.9 59.9
105 22.7 2.9 42.9
51 24.9 7.6 47.6

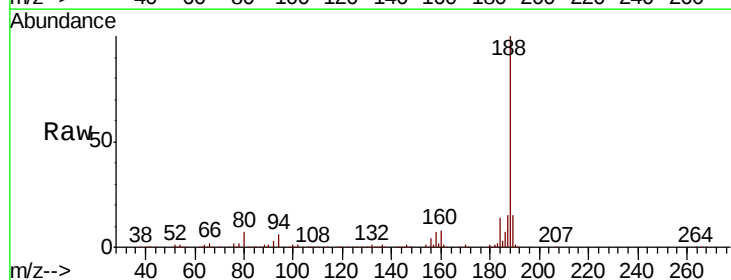


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

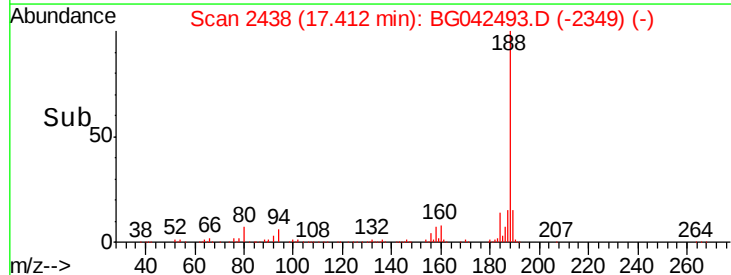
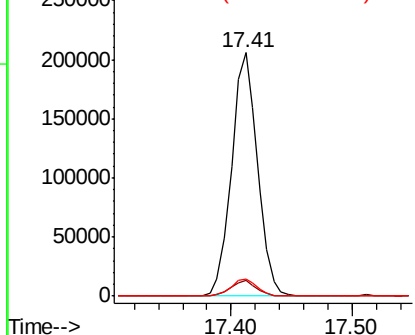


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion: 188 Resp: 307457
Ion Ratio Lower Upper
188 100
94 6.3 4.5 6.7
80 6.8 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: 38.689 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

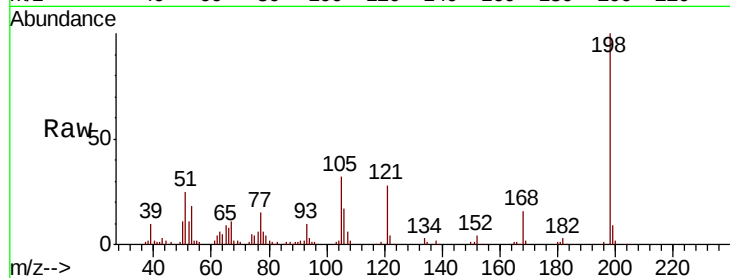
Tgt Ion:198 Resp: 74578

Ion Ratio Lower Upper

198 100

51 25.4 4.2 44.2

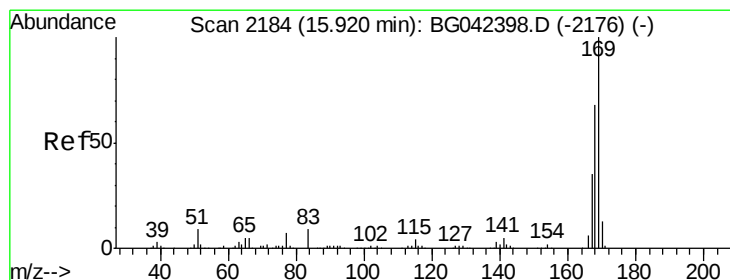
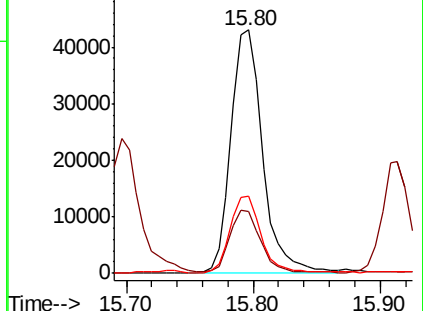
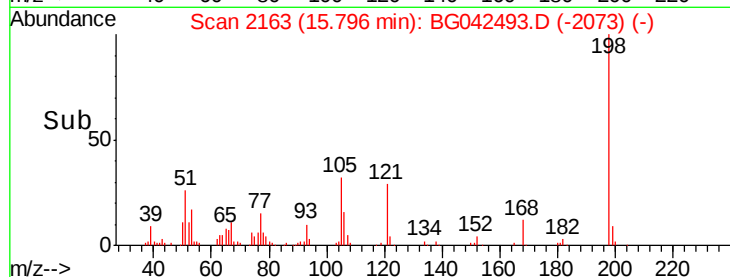
105 31.9 8.8 48.8



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: 39.297 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

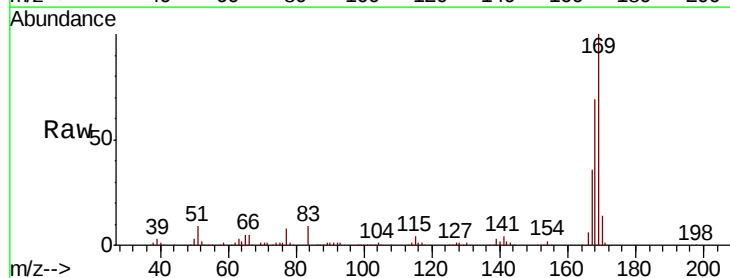
Tgt Ion:169 Resp: 332272

Ion Ratio Lower Upper

169 100

168 68.9 54.3 81.5

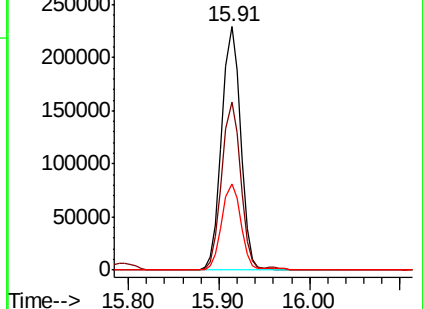
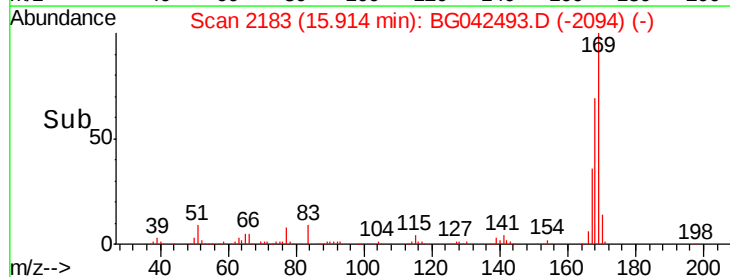
167 35.6 28.2 42.2



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

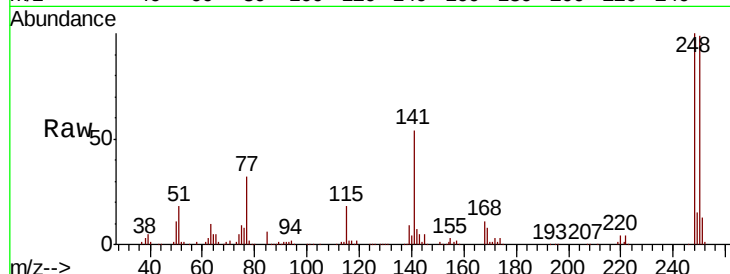




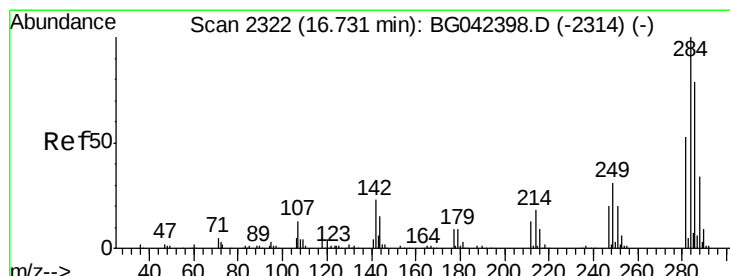
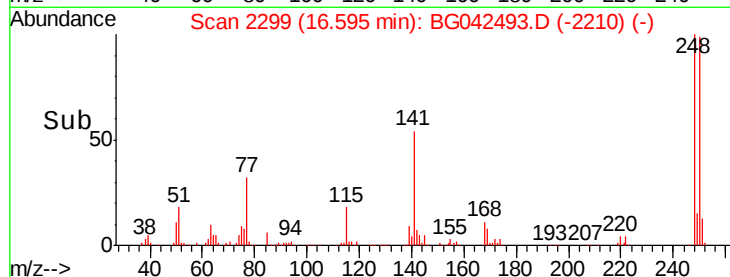
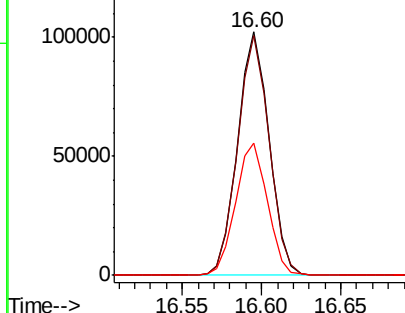
#67
 4-Bromophenyl-phenylether
 Concen: 36.209 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Instrument :
 BNA_G
 ClientSampled :
 PB122510BS

Tgt Ion: 248 Resp: 141211
 Ion Ratio Lower Upper
 248 100
 250 98.6 78.9 118.3
 141 54.4 43.3 64.9

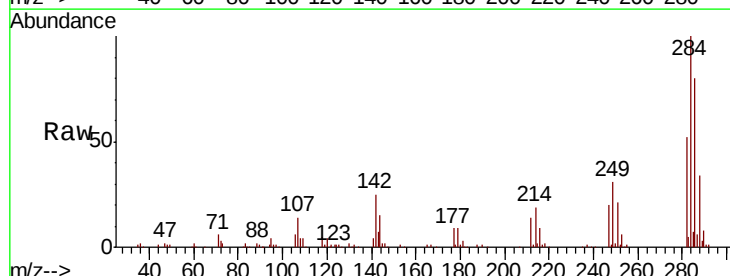


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

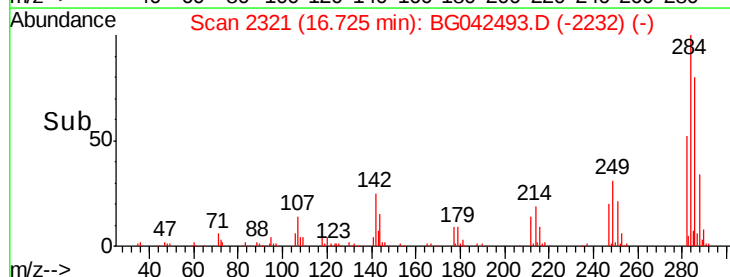
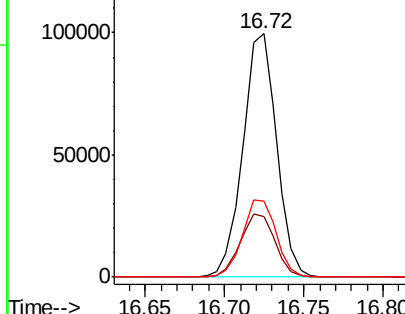


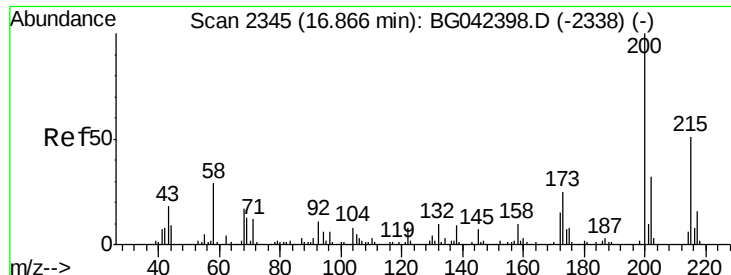
#68
 Hexachlorobenzene
 Concen: 34.634 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042493.D
 Acq: 26 Aug 2019 10:34

Tgt Ion: 284 Resp: 146831
 Ion Ratio Lower Upper
 284 100
 142 25.1 18.2 27.4
 249 31.4 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: 40.158 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

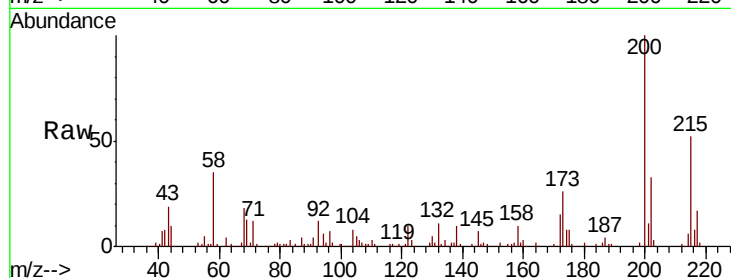
Tgt Ion:200 Resp: 120075

Ion Ratio Lower Upper

200 100

173 25.8 4.9 44.9

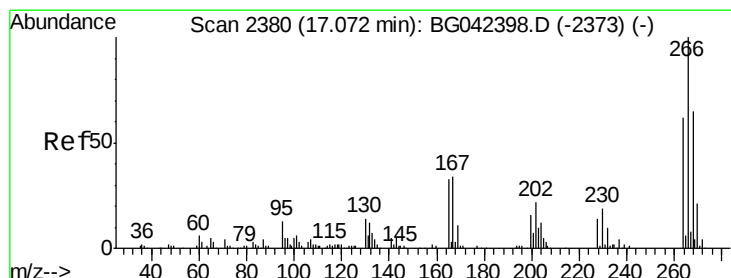
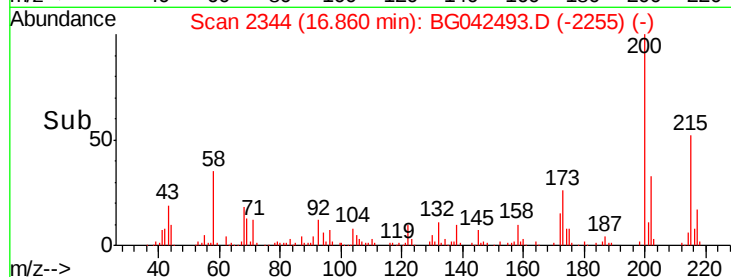
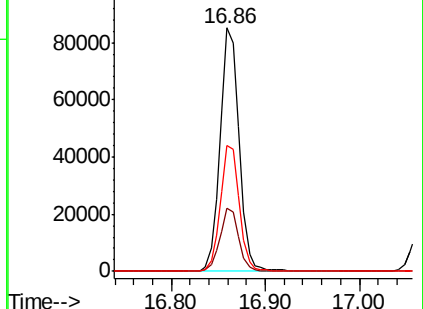
215 51.5 30.7 70.7



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: 76.789 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

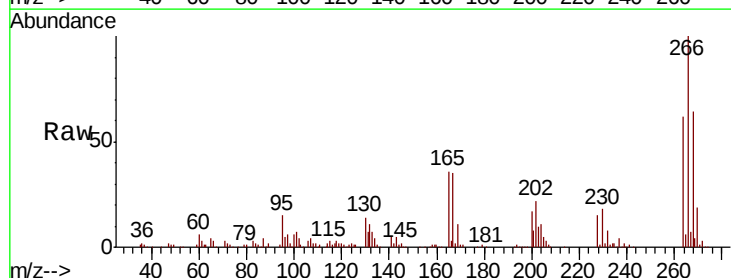
Tgt Ion:266 Resp: 169148

Ion Ratio Lower Upper

266 100

268 64.1 52.1 78.1

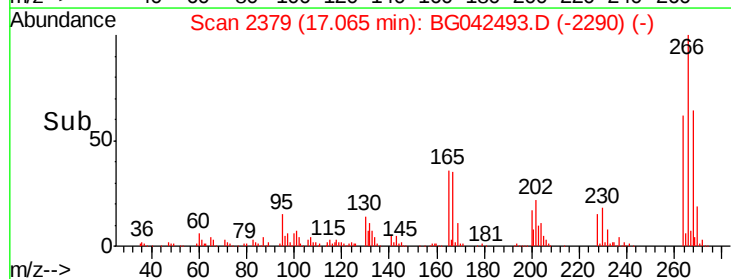
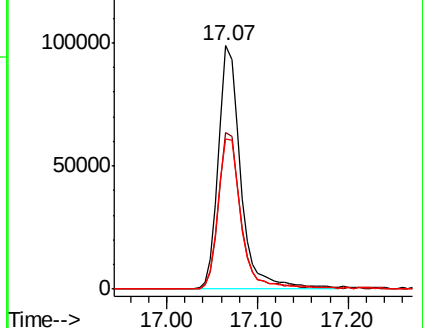
264 61.7 49.4 74.2



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

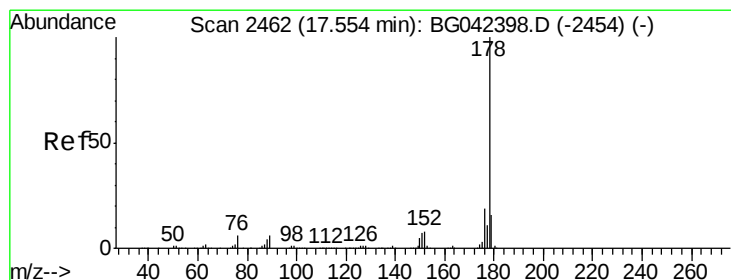
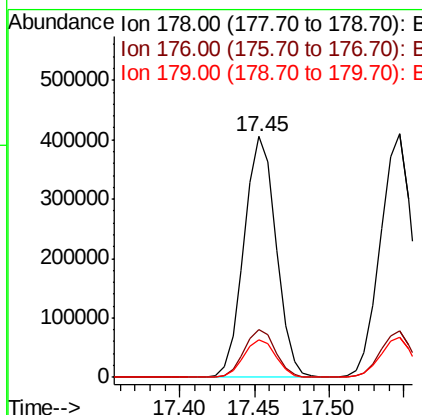
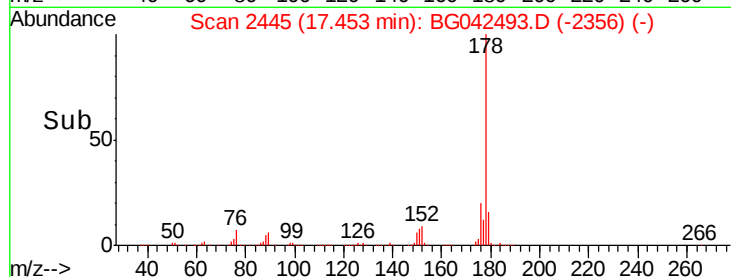
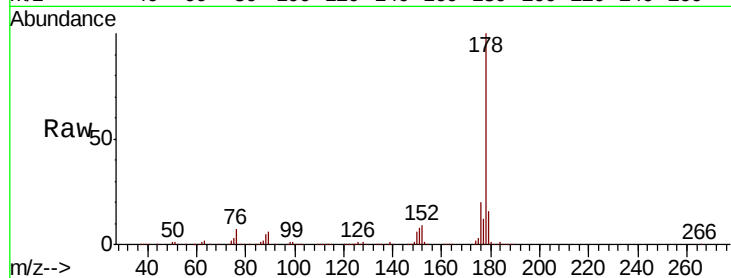




#71
Phenanthrene
Concen: 39.487 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

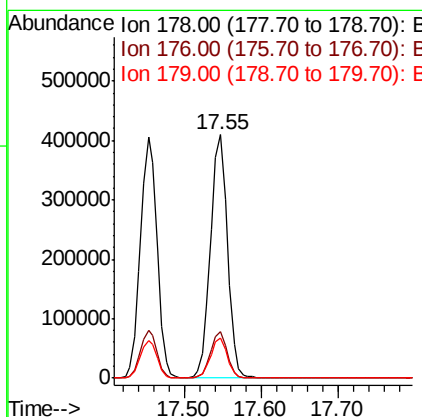
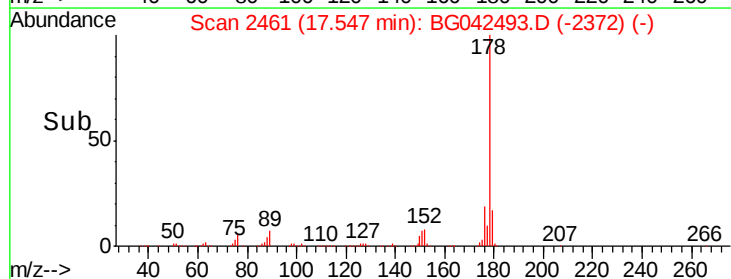
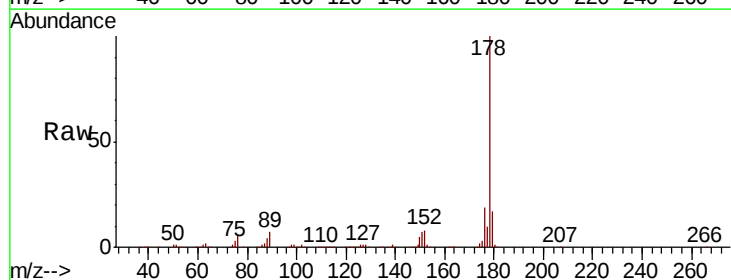
Instrument :
BNA_G
ClientSampleId :
PB122510BS

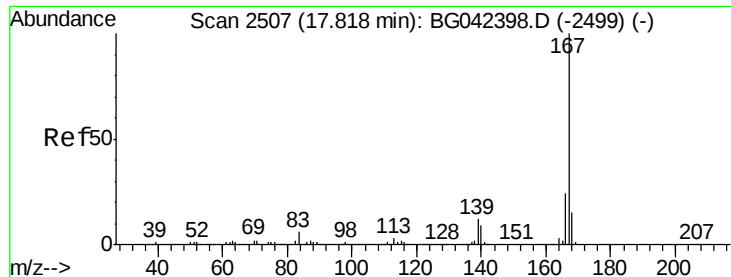
Tgt Ion:178 Resp: 603039
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.8 12.7 19.1



#72
Anthracene
Concen: 40.544 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion:178 Resp: 618130
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 16.5 12.9 19.3





#73

Carbazole

Concen: 40.533 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

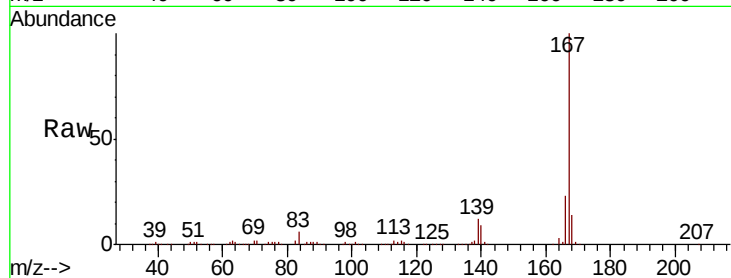
Tgt Ion:167 Resp: 550758

Ion Ratio Lower Upper

167 100

166 23.3 18.9 28.3

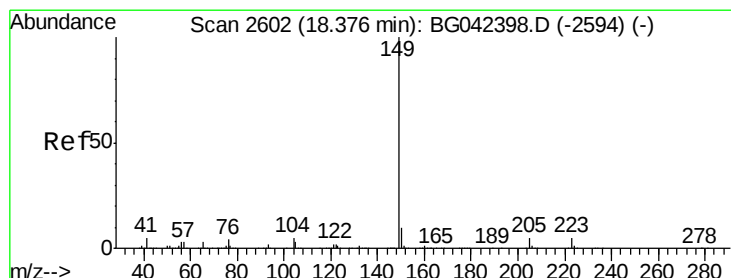
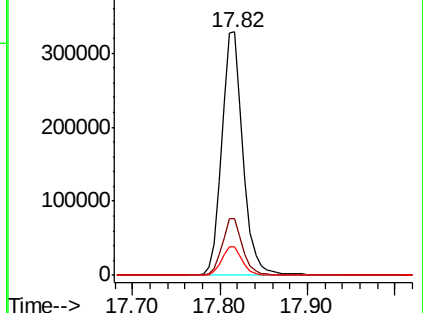
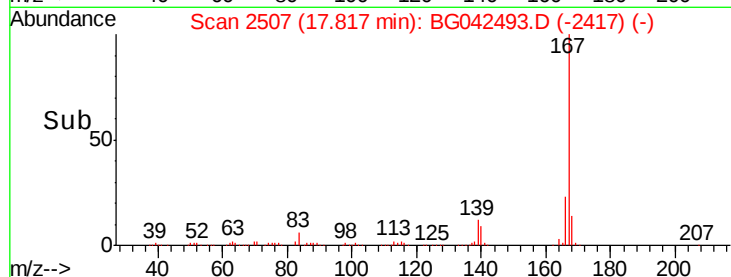
139 11.7 9.8 14.6



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: 40.198 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

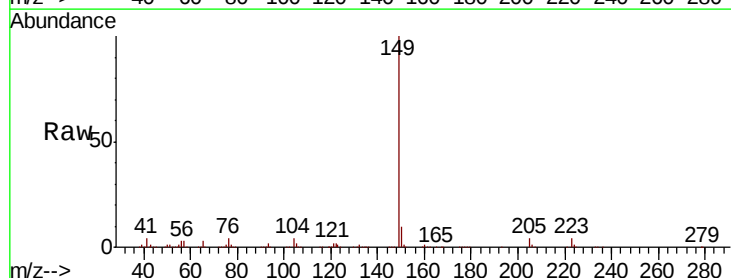
Tgt Ion:149 Resp: 645663

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

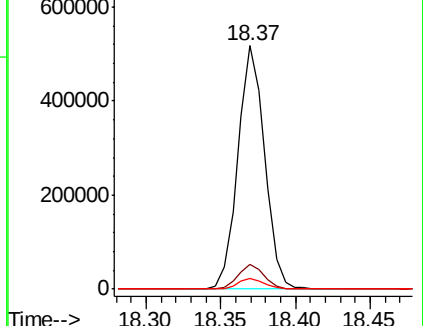
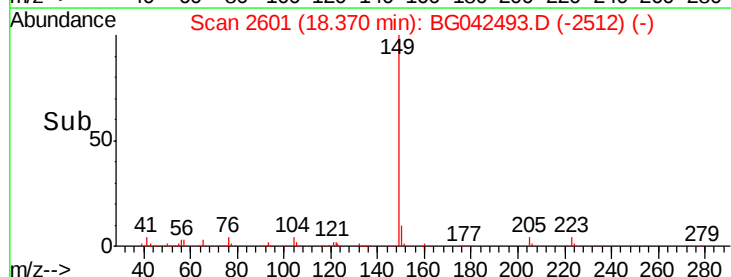
104 4.5 3.7 5.5

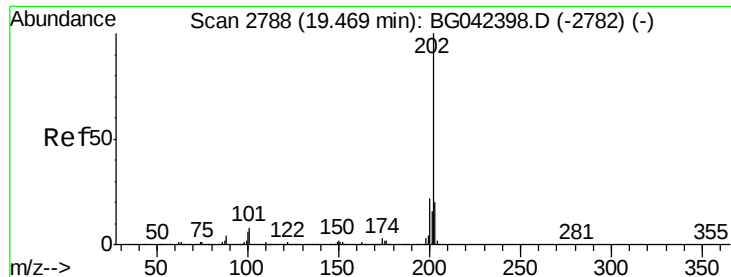


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.426 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

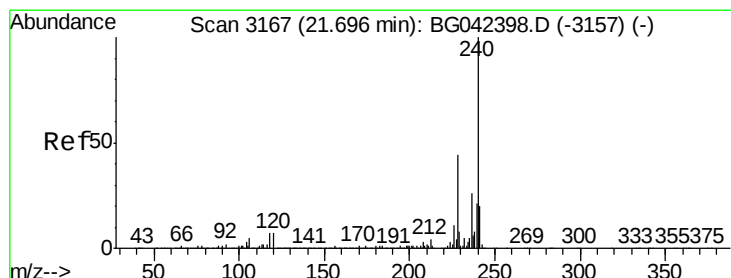
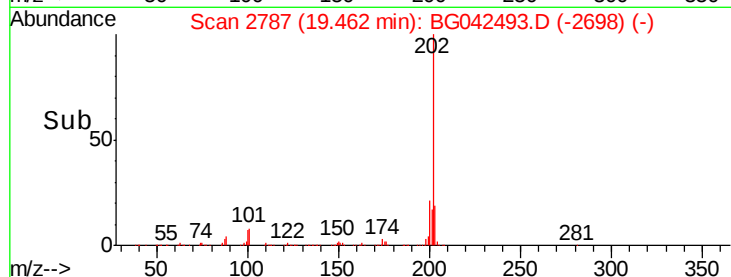
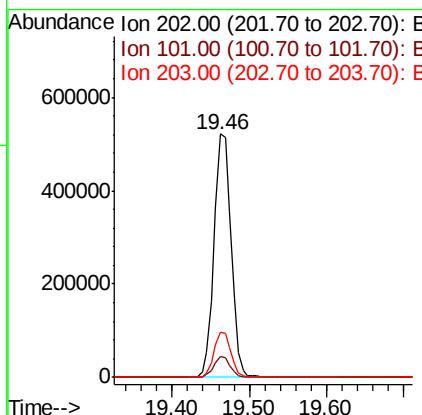
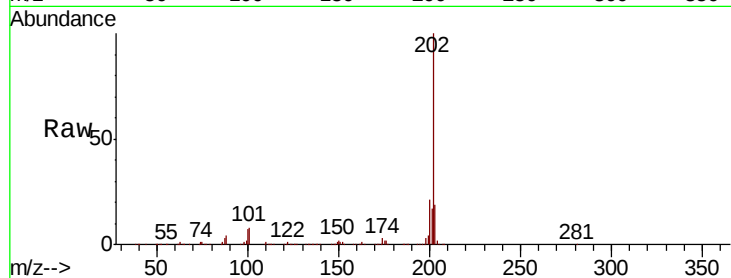
Instrument :

BNA_G

ClientSampleId :

PB122510BS

Tgt Ion:	202	Resp:	790755
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.3
203	18.7	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

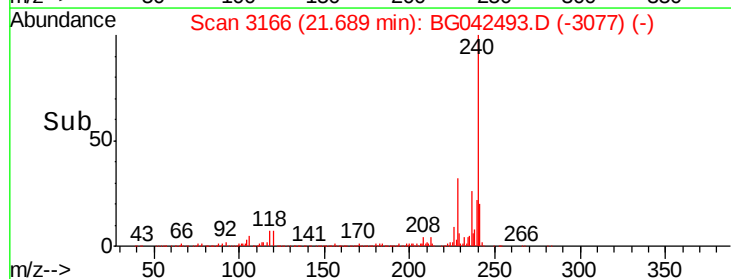
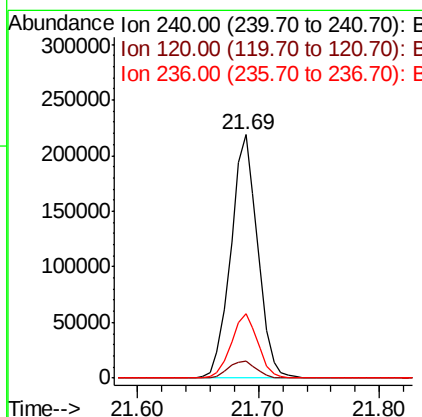
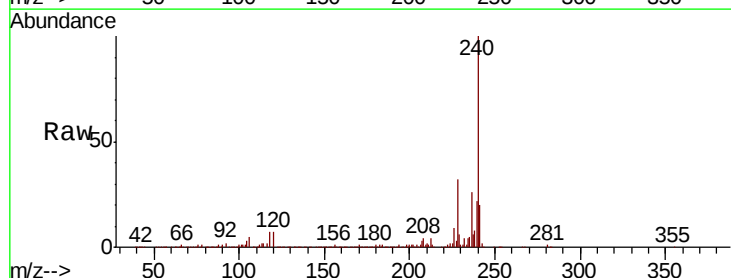
RT: 21.69 min Scan# 3166

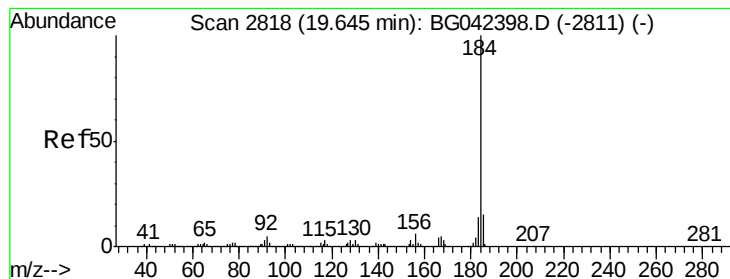
Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Tgt Ion:	240	Resp:	337971
Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	26.2	21.0	31.4





#77

Benzidine

Concen: 35.031 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

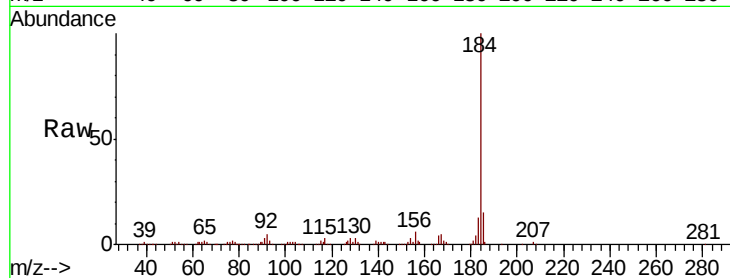
Tgt Ion:184 Resp: 339446

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.4

183 13.1 10.8 16.2

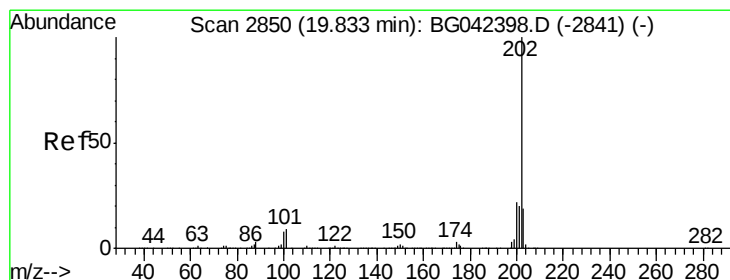
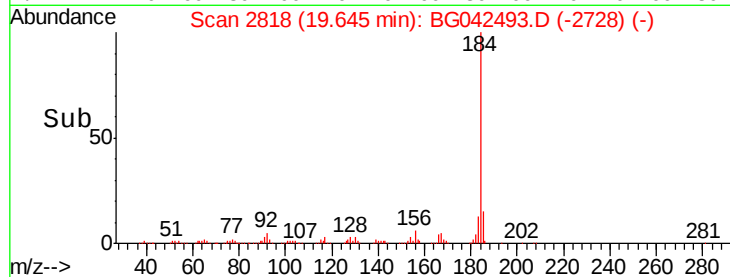
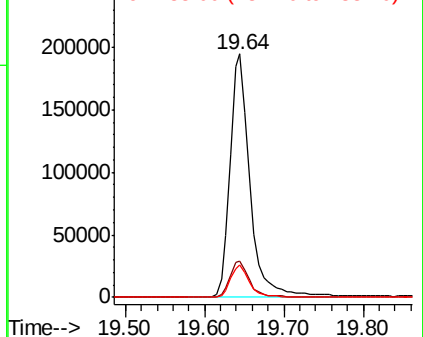


Abundance

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: 38.473 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

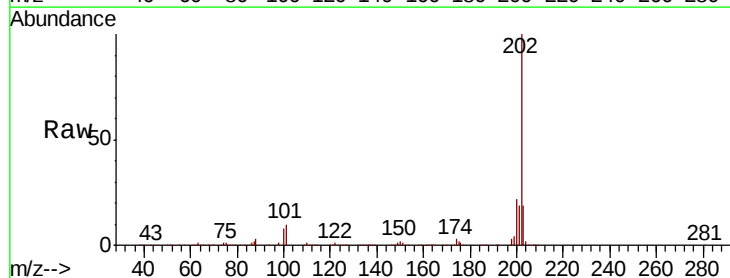
Tgt Ion:202 Resp: 797203

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

203 18.7 15.5 23.3

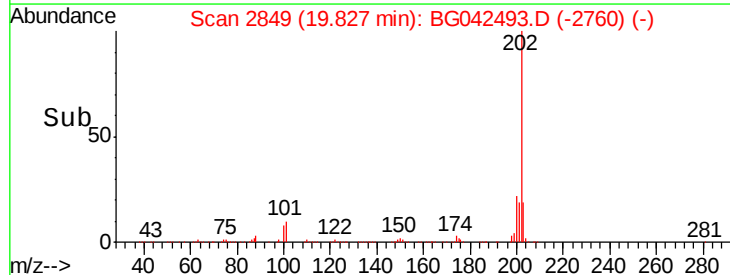
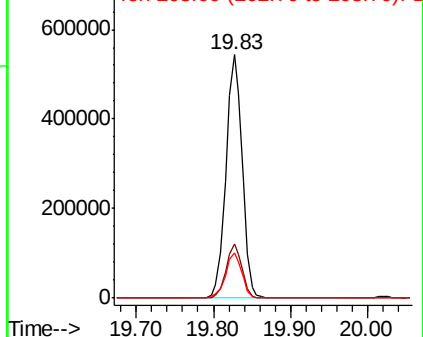


Abundance

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: 62.475 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

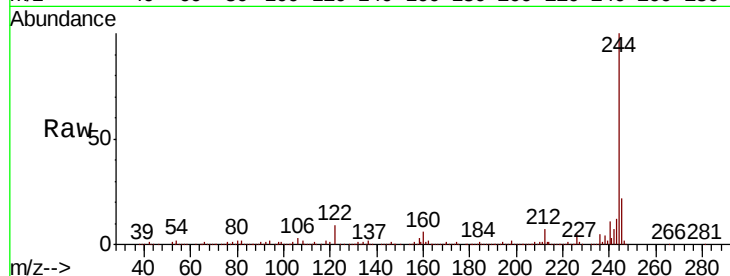
Tgt Ion:244 Resp: 976662

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

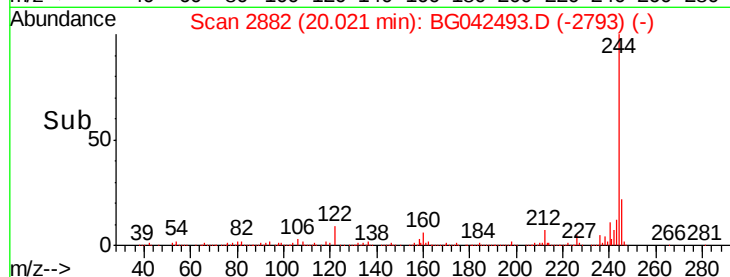
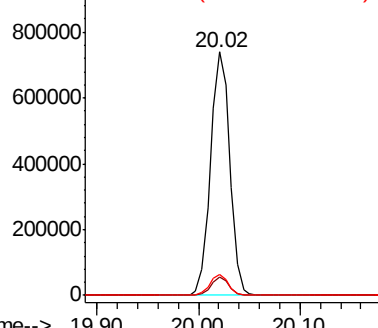
122 8.6 6.7 10.1



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: 38.764 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

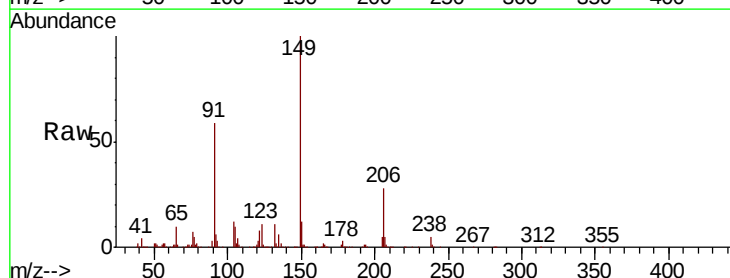
Tgt Ion:149 Resp: 315926

Ion Ratio Lower Upper

149 100

91 58.8 45.9 68.9

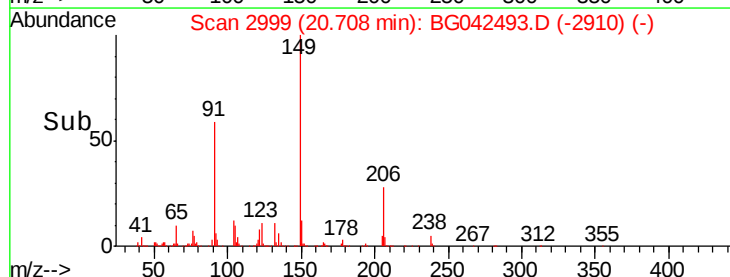
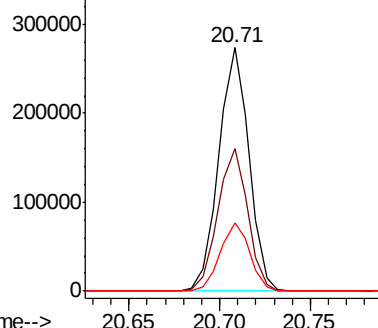
206 28.0 22.5 33.7

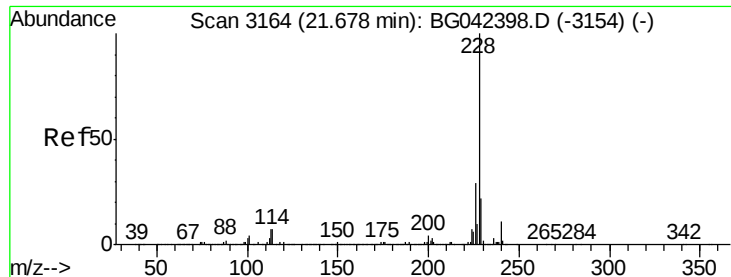


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.975 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

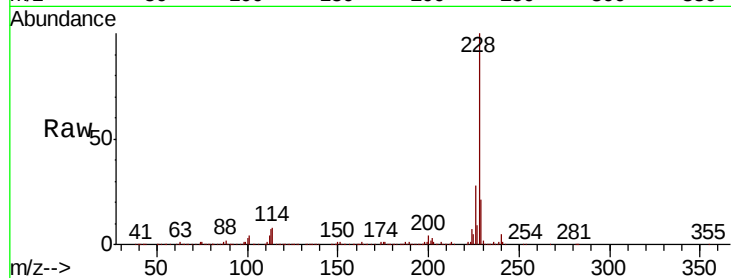
Tgt Ion:228 Resp: 801302

Ion Ratio Lower Upper

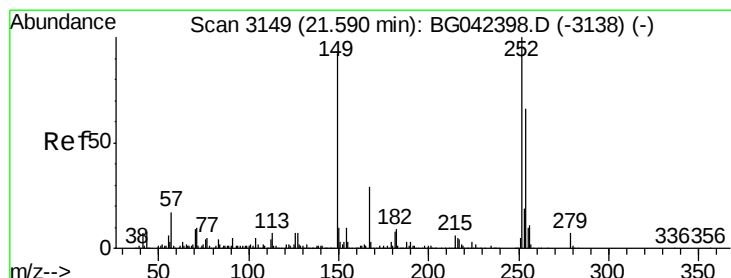
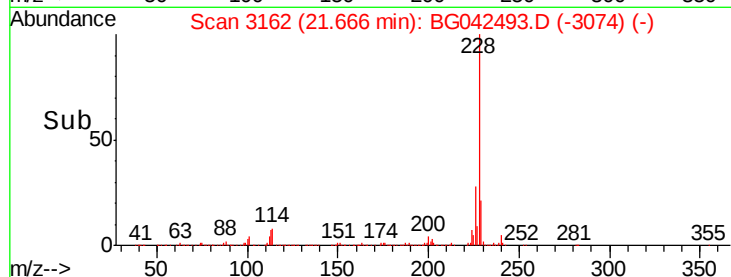
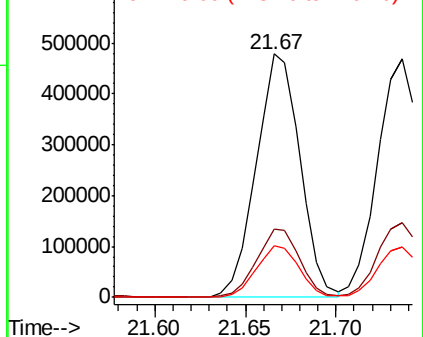
228 100

226 28.0 23.4 35.2

229 21.2 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: 33.572 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

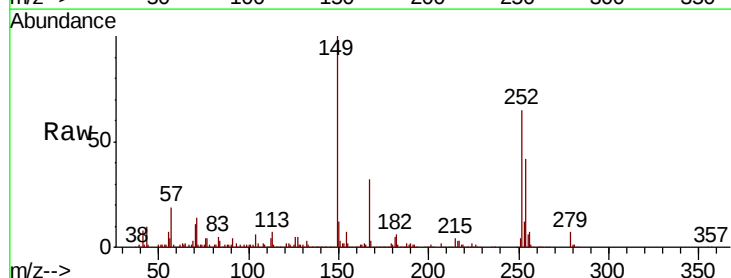
Tgt Ion:252 Resp: 277595

Ion Ratio Lower Upper

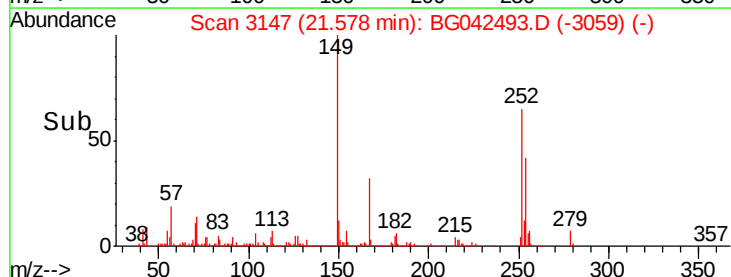
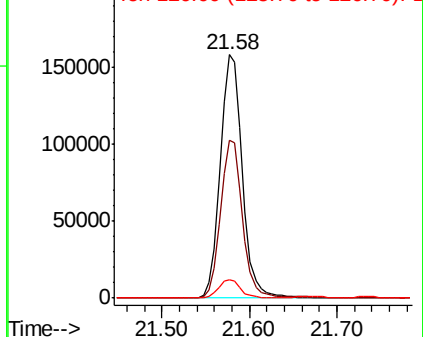
252 100

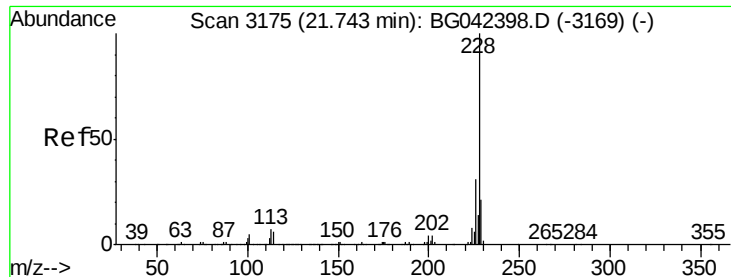
254 65.0 53.0 79.4

126 7.3 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: 39.270 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

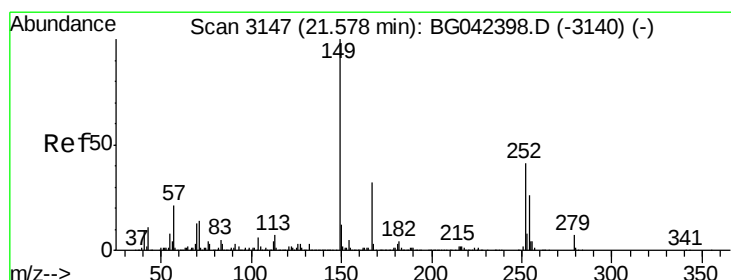
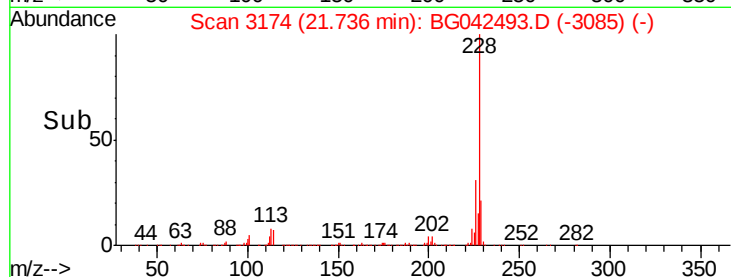
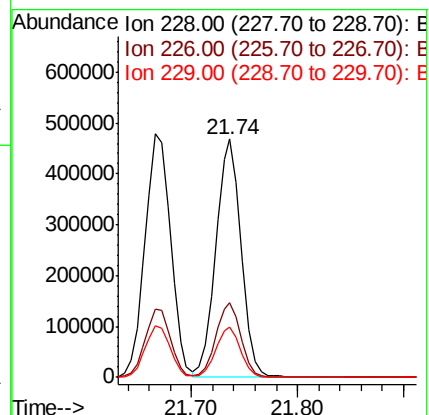
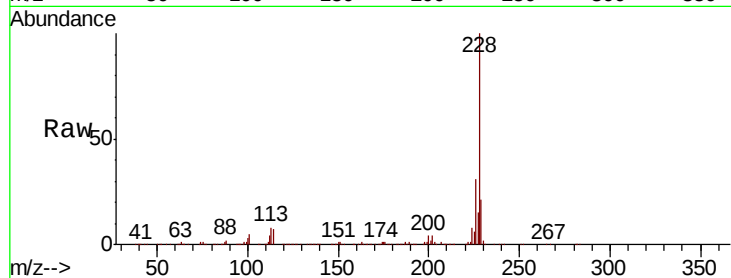
Tgt Ion:228 Resp: 778631

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

229 21.3 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.253 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

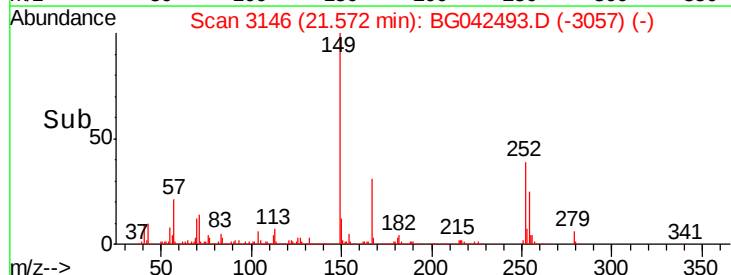
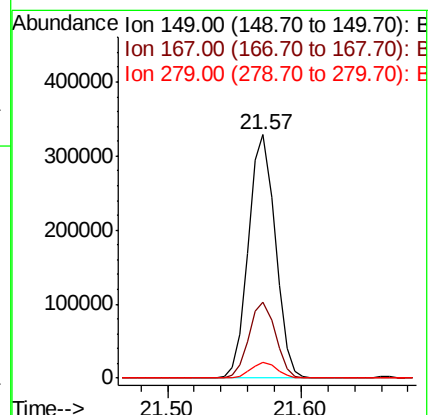
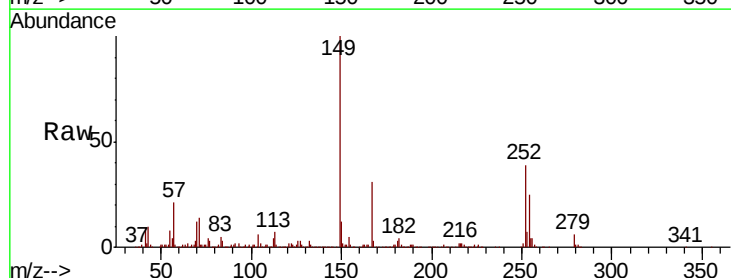
Tgt Ion:149 Resp: 455494

Ion Ratio Lower Upper

149 100

167 31.2 26.0 39.0

279 6.5 5.4 8.0

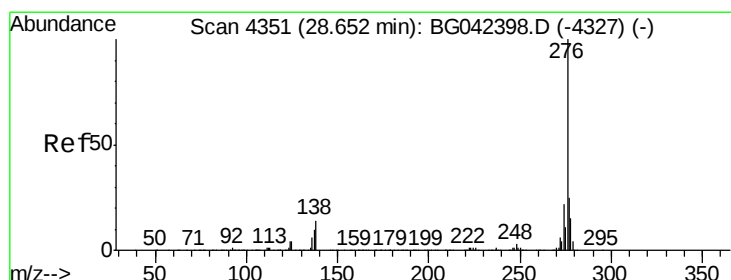
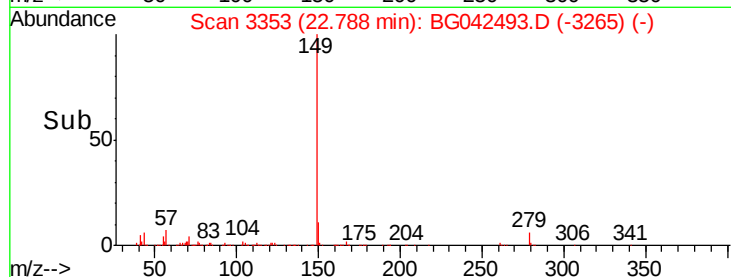
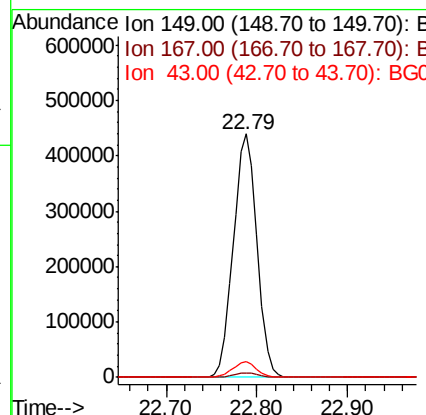
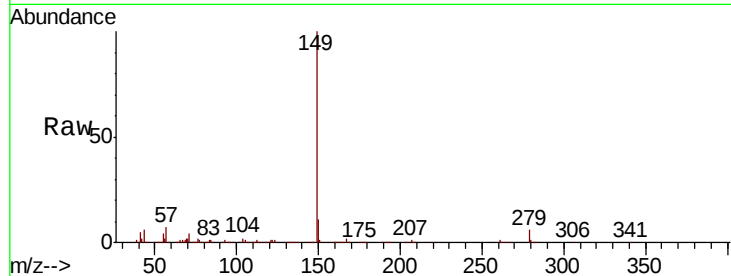




#85
Di-n-octyl phthalate
Concen: 40.679 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

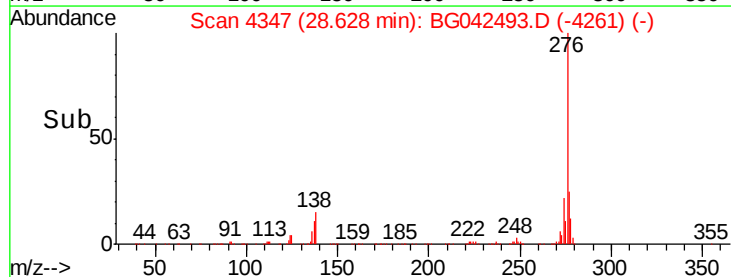
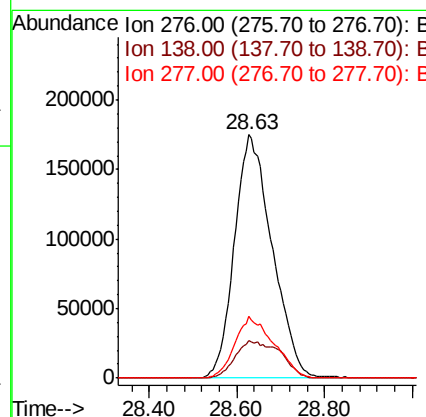
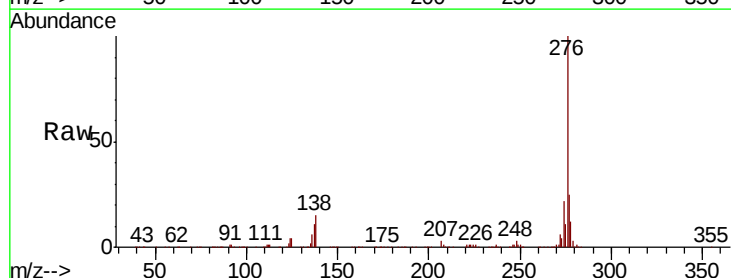
Instrument :
BNA_G
ClientSampleId :
PB122510BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.3	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.982 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	9.2	13.8#
277	26.0	21.0	31.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

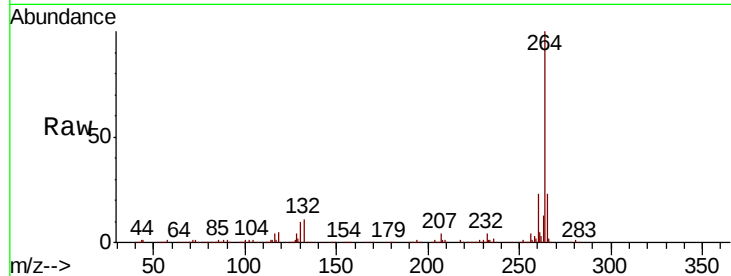
Tgt Ion:264 Resp: 373527

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

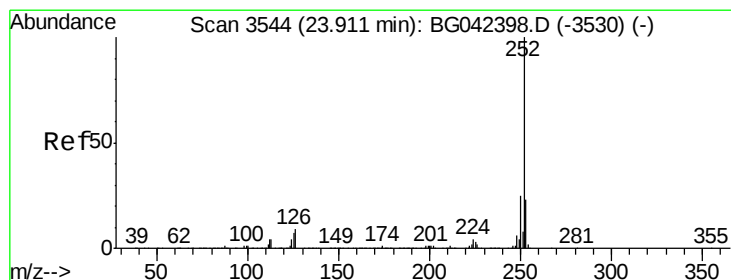
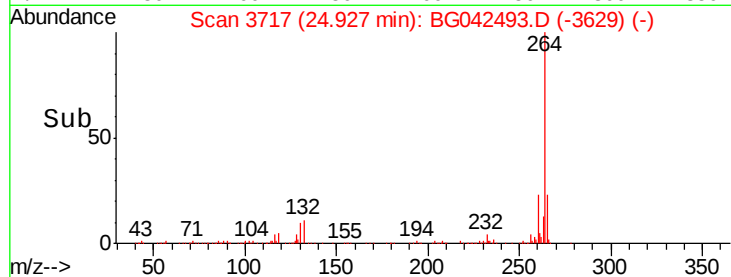
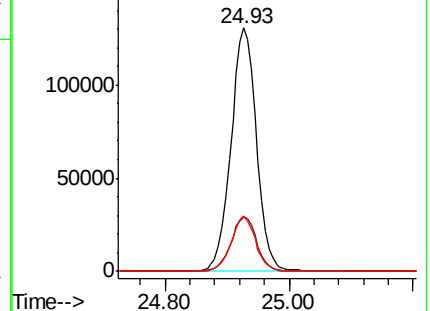
265 23.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.958 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

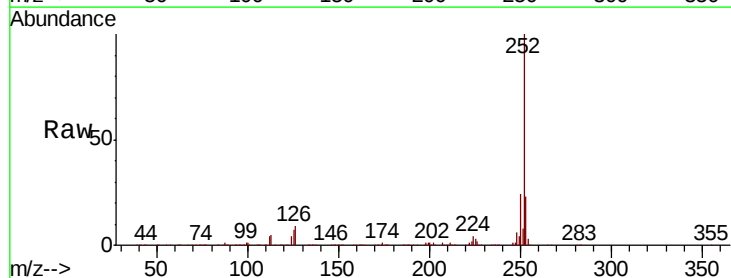
Tgt Ion:252 Resp: 882145

Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

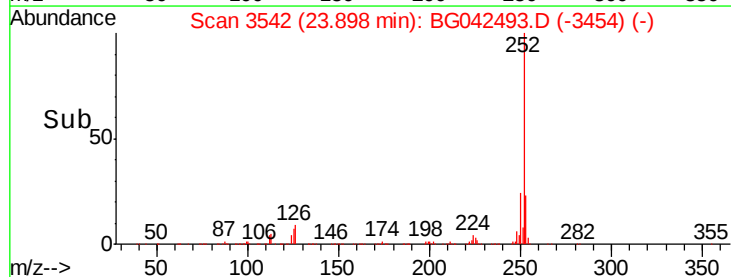
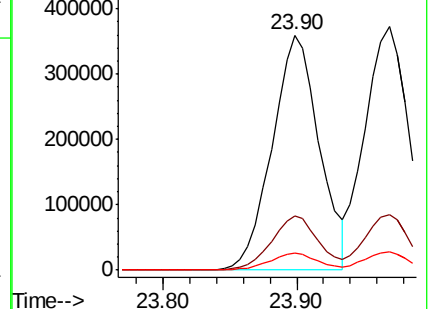
125 7.0 5.6 8.4

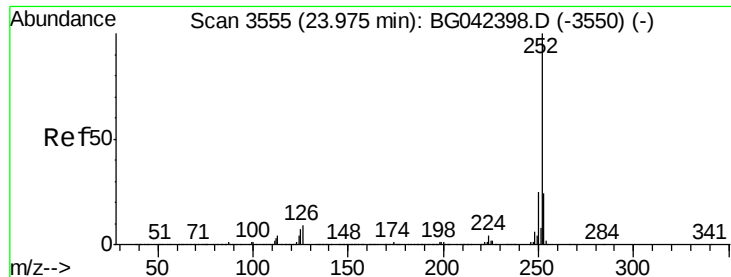


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

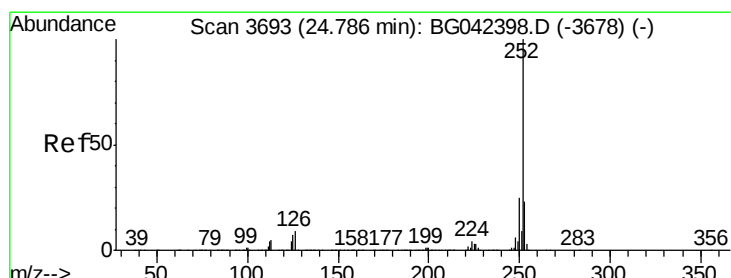
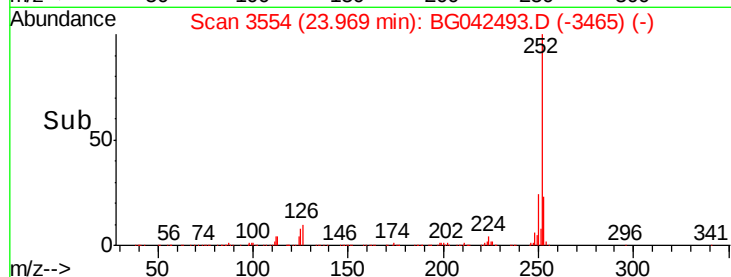
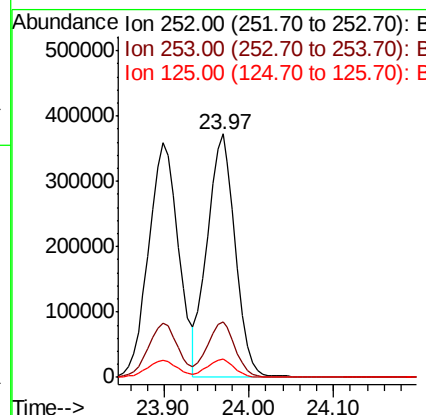
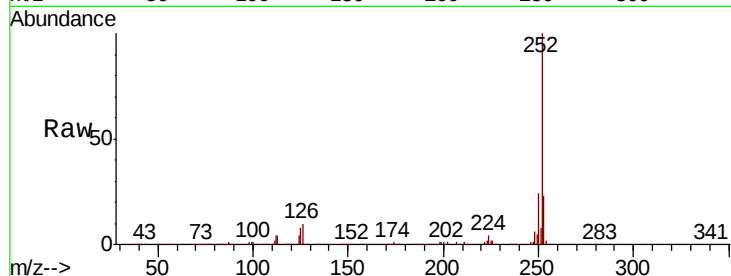




#89
Benzo(k)fluoranthene
Concen: 43.509 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

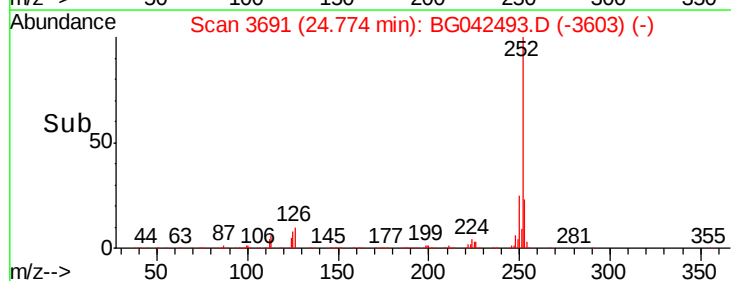
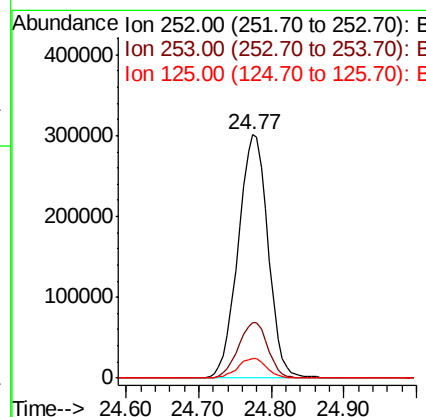
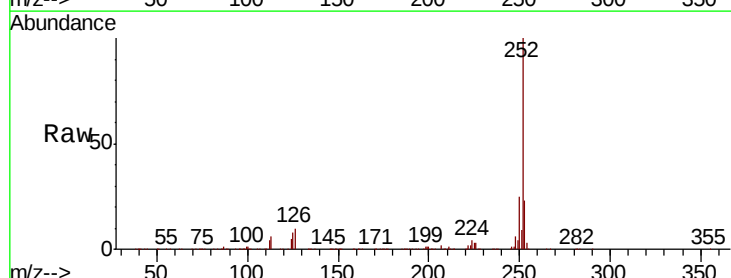
Instrument :
BNA_G
ClientSampleId :
PB122510BS

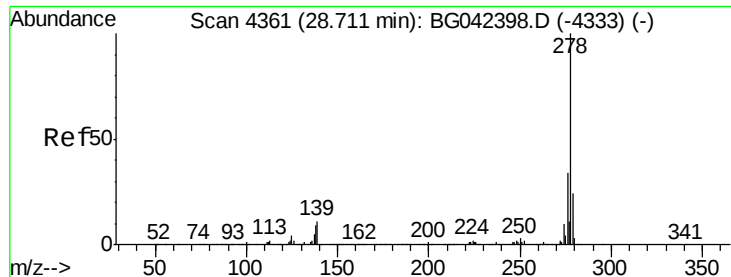
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	7.7	5.8	8.6



#90
Benzo(a)pyrene
Concen: 44.313 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042493.D
Acq: 26 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	8.3	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 42.814 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

Instrument :

BNA_G

ClientSampleId :

PB122510BS

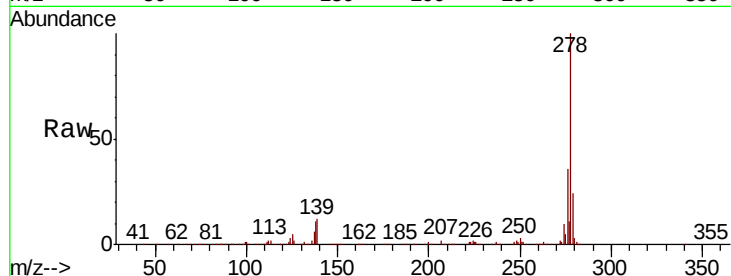
Tgt Ion:278 Resp: 844708

Ion Ratio Lower Upper

278 100

139 11.8 8.8 13.2

279 24.4 19.1 28.7

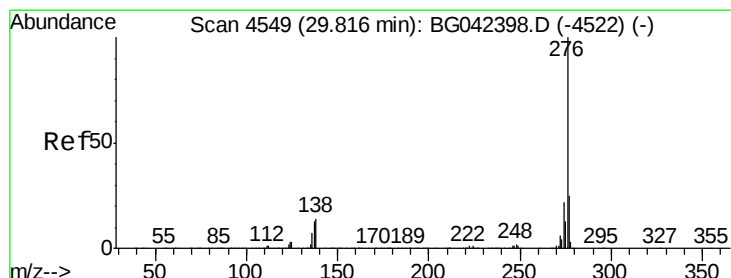
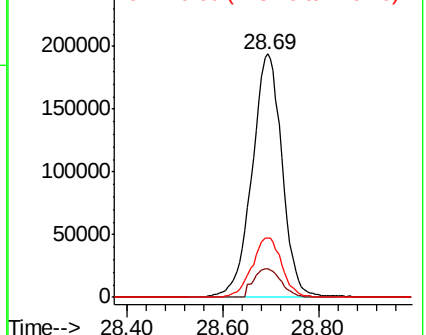
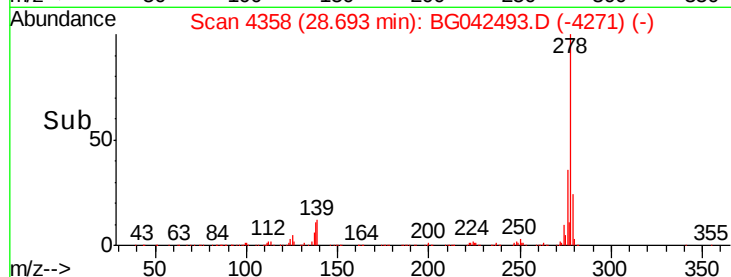


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.165 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042493.D

Acq: 26 Aug 2019 10:34

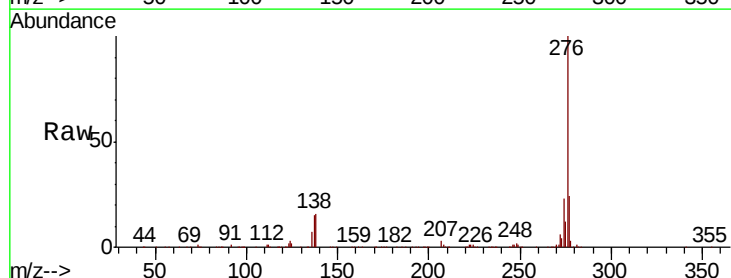
Tgt Ion:276 Resp: 851770

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.8

138 15.9 11.4 17.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

