

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042494.D
 Acq On : 26 Aug 2019 11:12
 Operator : HP/JU
 Sample : PB122218BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Quant Time: Aug 27 01:05:24 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	49192	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	199652	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	138790	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	315692	20.00	ng	0.00
76) Chrysene-d12	21.69	240	343447	20.00	ng	0.00
87) Perylene-d12	24.92	264	373067	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	278453	114.64	ng	0.00
7) Phenol-d6	7.17	99	352145	107.33	ng	0.00
23) Nitrobenzene-d5	9.16	82	177264	61.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	188453	95.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	536471	65.37	ng	0.00
79) Terphenyl-d14	20.02	244	996103	62.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	37950	37.440	ng	98
3) Pyridine	3.82	79	82067	31.575	ng	98
4) n-Nitrosodimethylamine	3.73	42	36952	39.805	ng	86
6) Aniline	7.32	93	127419	29.118	ng	98
8) 2-Chlorophenol	7.57	128	122196	41.512	ng	96
9) Benzaldehyde	7.12	77	74057	45.087	ng	95
10) Phenol	7.20	94	139380	41.783	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	101602	38.782	ng	99
12) 1,3-Dichlorobenzene	7.89	146	138139	36.889	ng	99
13) 1,4-Dichlorobenzene	8.04	146	140181	36.957	ng	98
14) 1,2-Dichlorobenzene	8.35	146	132744	36.544	ng	98
15) Benzyl Alcohol	8.24	79	89769	38.031	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	131144	36.933	ng	99
17) 2-Methylphenol	8.45	107	99043	40.310	ng	95
18) Hexachloroethane	9.09	117	46934	36.144	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	76459	35.972	ng	98
20) 3+4-Methylphenols	8.78	107	132486	38.968	ng	99
22) Acetophenone	8.82	105	168719	39.511	ng	97
24) Nitrobenzene	9.21	77	113488	38.790	ng	99
25) Isophorone	9.73	82	214350	37.593	ng	98
26) 2-Nitrophenol	9.93	139	69547	37.933	ng	95
27) 2,4-Dimethylphenol	9.99	122	110331	43.686	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	134884	37.533	ng	98
29) 2,4-Dichlorophenol	10.47	162	130103	39.374	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	146007	35.999	ng	97
31) Naphthalene	10.87	128	358900	38.719	ng	99
32) Benzoic acid	10.13	122	52531	31.951	ng	99
33) 4-Chloroaniline	10.98	127	96710	22.601	ng	96
34) Hexachlorobutadiene	11.16	225	94691	34.739	ng	99
35) Caprolactam	11.75	113	39897	36.185	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	119826	38.201	ng	98
37) 2-Methylnaphthalene	12.48	142	281463	37.817	ng	99
38) 1-Methylnaphthalene	12.70	142	262417	37.118	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	174441	39.138	ng	99

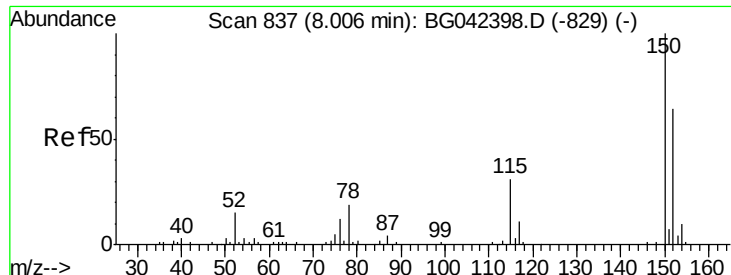
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
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 Acq On : 26 Aug 2019 11:12
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	190967	81.567	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	115475	38.330	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	123074	39.422	ng	96
46) 1,1'-Biphenyl	13.49	154	364606	40.640	ng	99
47) 2-Chloronaphthalene	13.53	162	292798	37.850	ng	99
48) 2-Nitroaniline	13.73	65	68830	36.898	ng	96
49) Acenaphthylene	14.38	152	465165	39.969	ng	99
50) Dimethylphthalate	14.11	163	372198	37.167	ng	99
51) 2,6-Dinitrotoluene	14.23	165	88443	38.102	ng	99
52) Acenaphthene	14.72	154	270484	38.275	ng	99
53) 3-Nitroaniline	14.56	138	63030	27.151	ng	99
54) 2,4-Dinitrophenol	14.77	184	94428	61.886	ng	98
55) Dibenzofuran	15.06	168	459649	39.294	ng	100
56) 4-Nitrophenol	14.89	139	133279	80.797	ng	99
57) 2,4-Dinitrotoluene	15.02	165	125081	37.630	ng	95
58) Fluorene	15.71	166	372089	38.912	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	113924	36.900	ng	99
60) Diethylphthalate	15.47	149	363651	37.147	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	211897	36.760	ng	98
62) 4-Nitroaniline	15.73	138	91135	36.681	ng	98
63) Azobenzene	15.99	77	265018	39.508	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	79919	40.378	ng	97
66) n-Nitrosodiphenylamine	15.91	169	342340	39.432	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	144139	35.996	ng	99
68) Hexachlorobenzene	16.73	284	150648	34.608	ng	98
69) Atrazine	16.86	200	124529	40.561	ng	100
70) Pentachlorophenol	17.07	266	174675	77.230	ng	98
71) Phenanthrene	17.45	178	621003	39.602	ng	100
72) Anthracene	17.55	178	631890	40.365	ng	99
73) Carbazole	17.82	167	564301	40.447	ng	98
74) Di-n-butylphthalate	18.37	149	663618	40.238	ng	100
75) Fluoranthene	19.47	202	814040	42.536	ng	98
77) Benzidine	19.65	184	349188	35.462	ng	99
78) Pyrene	19.83	202	821581	39.018	ng	100
80) Butylbenzylphthalate	20.71	149	322643	38.957	ng	99
81) Benzo(a)anthracene	21.67	228	812732	38.901	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	276552	32.913	ng	99
83) Chrysene	21.74	228	784524	38.936	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	460359	40.034	ng	98
85) Di-n-octyl phthalate	22.78	149	800636	40.482	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1030766	37.644	ng	# 94
88) Benzo(b)fluoranthene	23.90	252	898863	43.826	ng	99
89) Benzo(k)fluoranthene	23.97	252	858820	43.563	ng	99
90) Benzo(a)pyrene	24.77	252	880946	45.265	ng	100
91) Dibenzo(a,h)anthracene	28.69	278	855314	43.405	ng	99
92) Benzo(g,h,i)perylene	29.79	276	862691	43.773	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

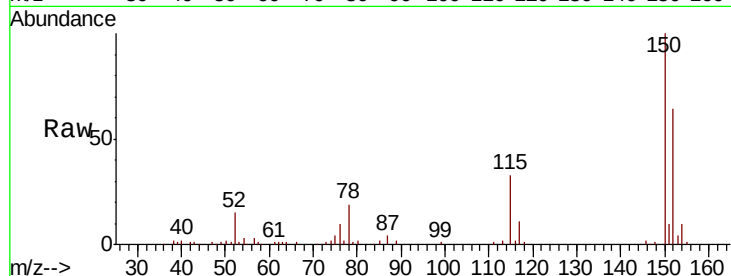
Tgt Ion:152 Resp: 49192

Ion Ratio Lower Upper

152 100

150 156.2 125.4 188.0

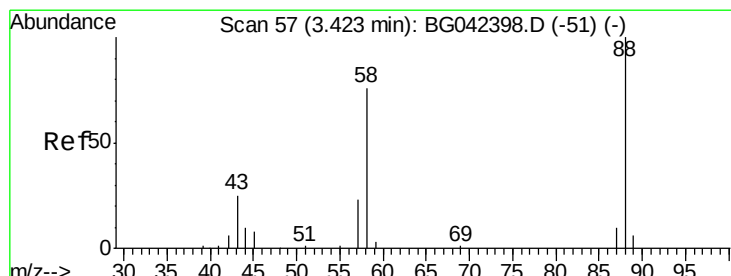
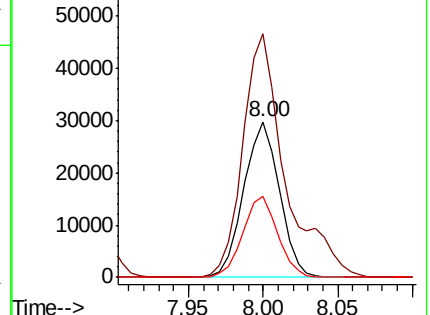
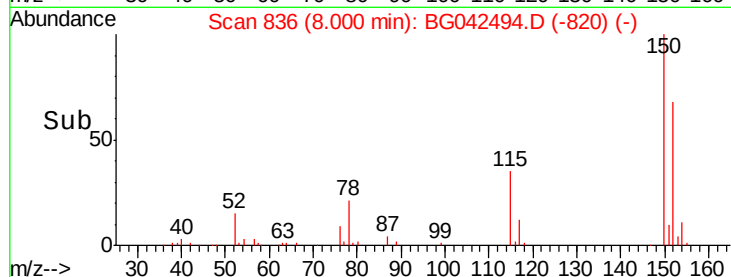
115 52.1 38.5 57.7



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: 37.440 ng

RT: 3.41 min Scan# 55

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

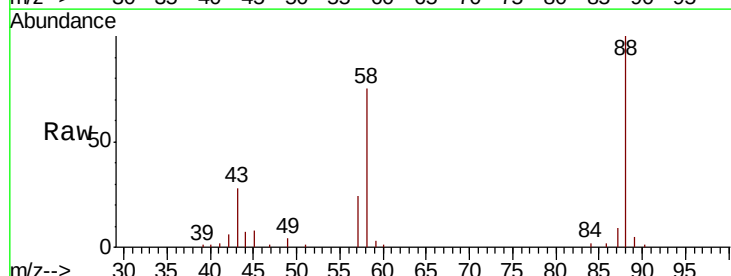
Tgt Ion: 88 Resp: 37950

Ion Ratio Lower Upper

88 100

58 75.0 58.3 87.5

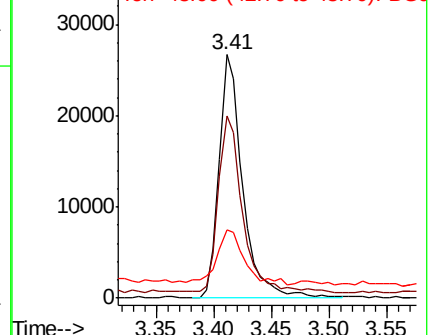
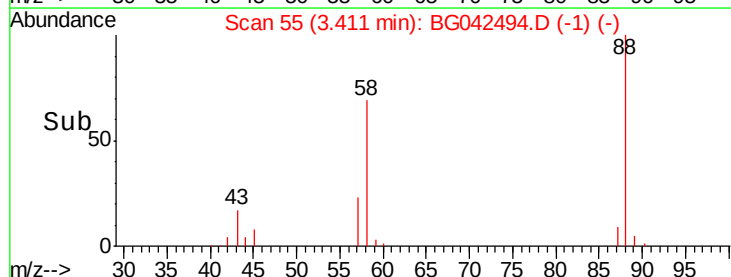
43 25.9 20.2 30.2

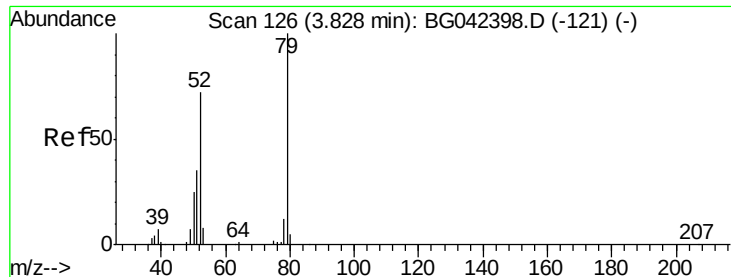


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.575 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

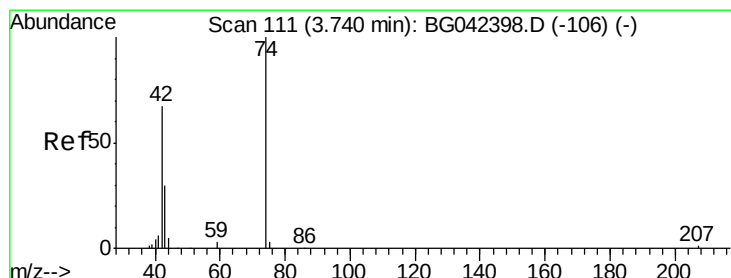
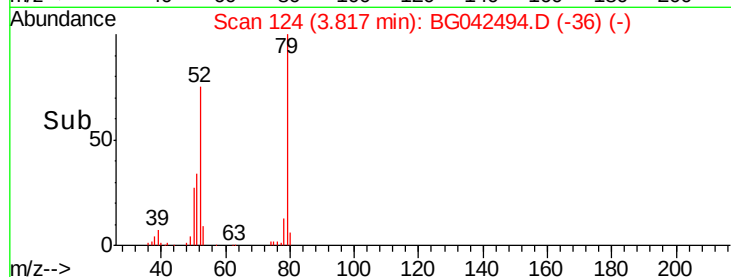
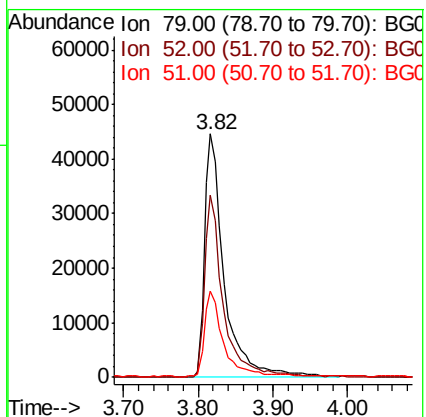
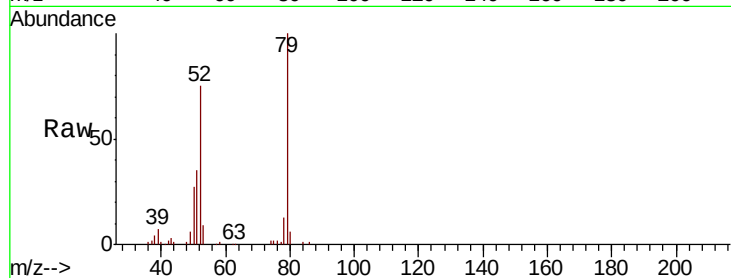
Tgt Ion: 79 Resp: 82067

Ion Ratio Lower Upper

79 100

52 74.7 57.7 86.5

51 35.3 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 39.805 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

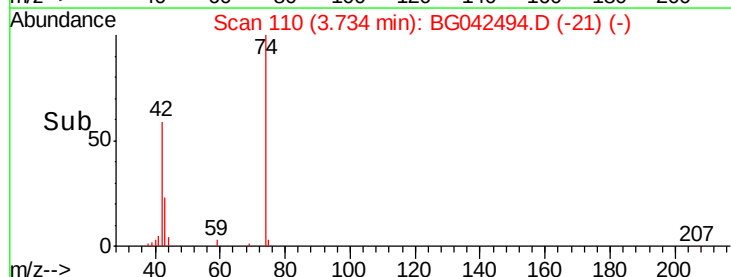
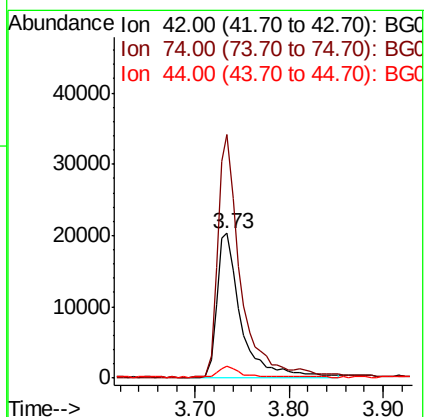
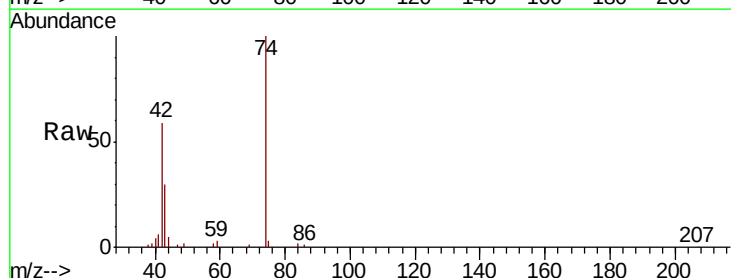
Tgt Ion: 42 Resp: 36952

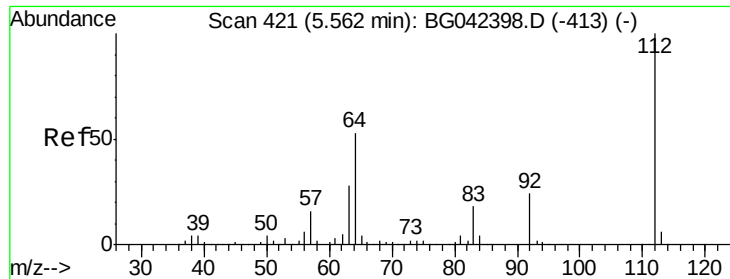
Ion Ratio Lower Upper

42 100

74 168.2 119.6 179.4

44 8.0 6.5 9.7





#5

2-Fluorophenol

Concen: 114.642 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

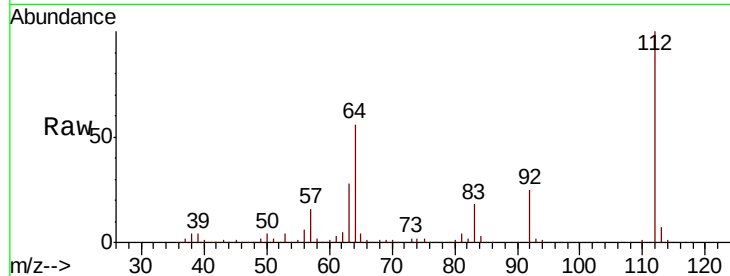
Tgt Ion: 112 Resp: 278453

Ion Ratio Lower Upper

112 100

64 56.0 42.8 64.2

63 27.9 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

200000

150000

100000

50000

0

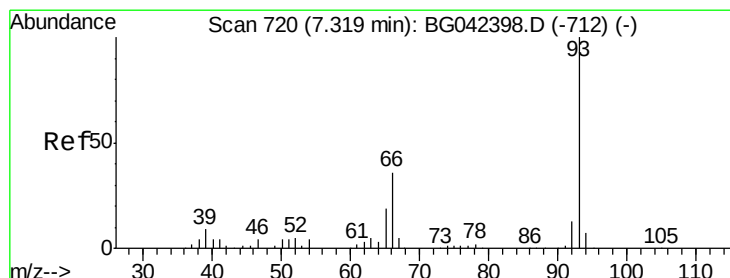
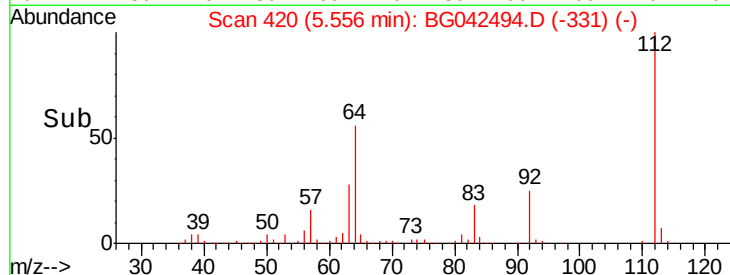
5.56

5.50

5.60

5.70

Time-->



#6

Aniline

Concen: 29.118 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

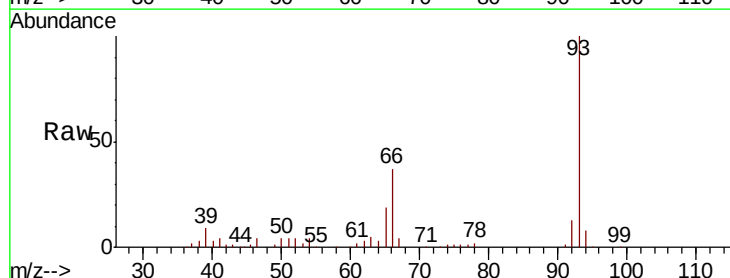
Tgt Ion: 93 Resp: 127419

Ion Ratio Lower Upper

93 100

66 37.5 29.0 43.6

65 18.6 15.2 22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

80000

60000

40000

20000

0

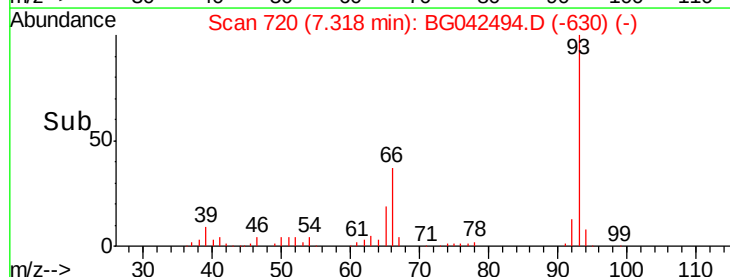
7.32

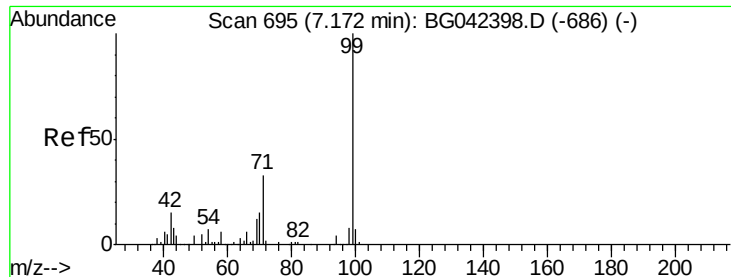
7.25

7.35

7.40

Time-->





#7

Phenol-d6

Concen: 107.333 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

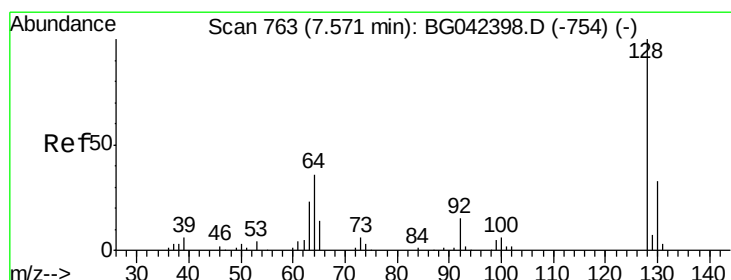
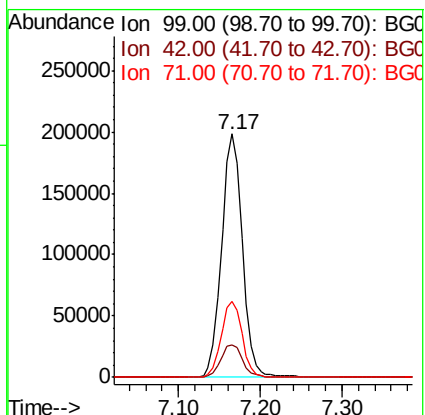
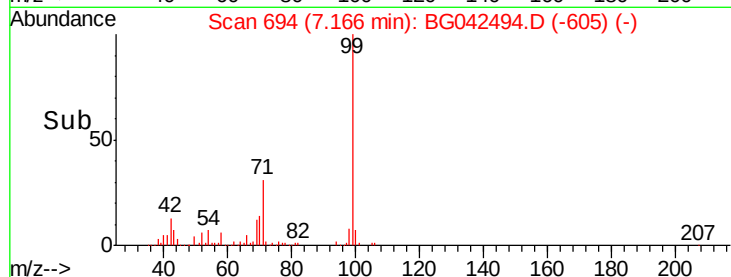
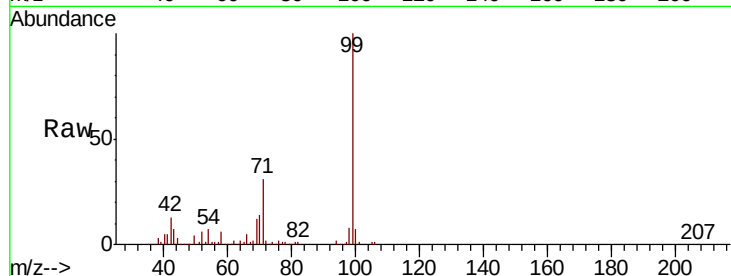
Tgt Ion: 99 Resp: 352145

Ion Ratio Lower Upper

99 100

42 13.2 12.0 18.0

71 31.4 26.3 39.5



#8

2-Chlorophenol

Concen: 41.512 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

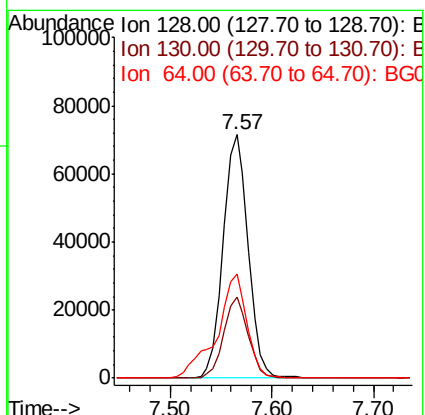
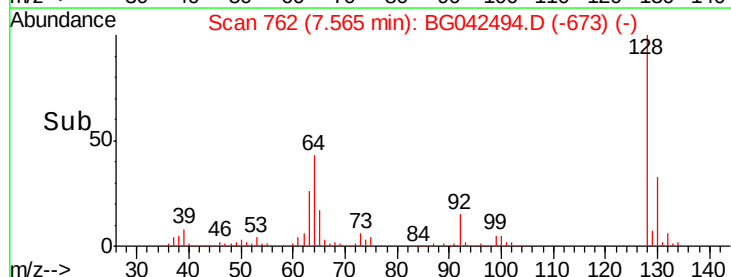
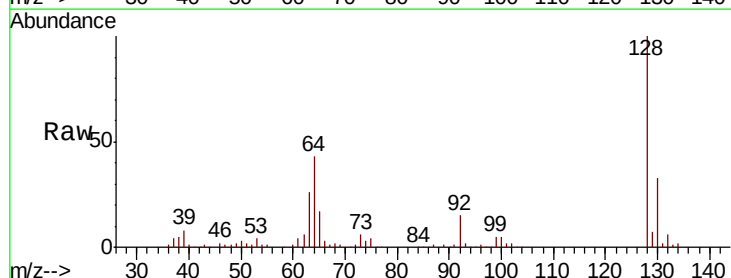
Tgt Ion: 128 Resp: 122196

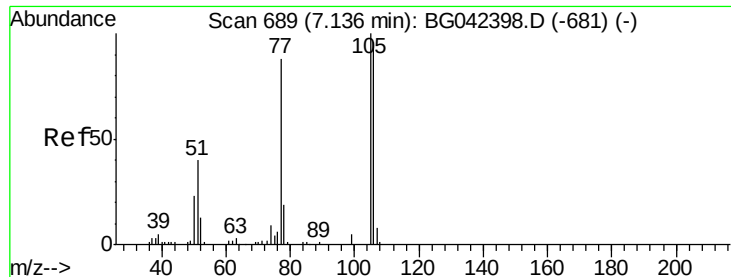
Ion Ratio Lower Upper

128 100

130 33.3 12.8 52.8

64 42.7 19.2 59.2





#9

Benzaldehyde

Concen: 45.087 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

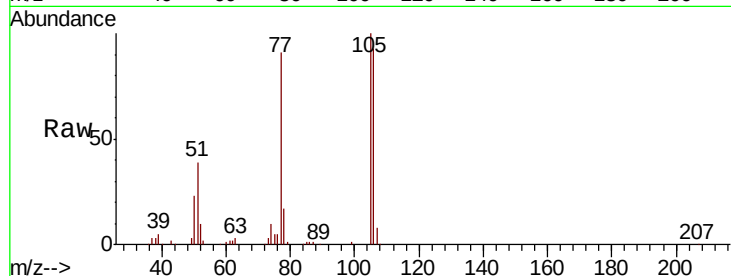
Tgt Ion: 77 Resp: 74057

Ion Ratio Lower Upper

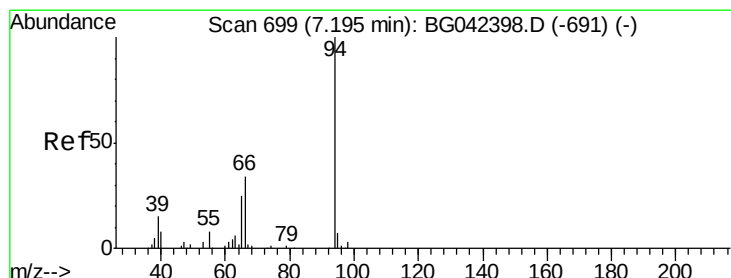
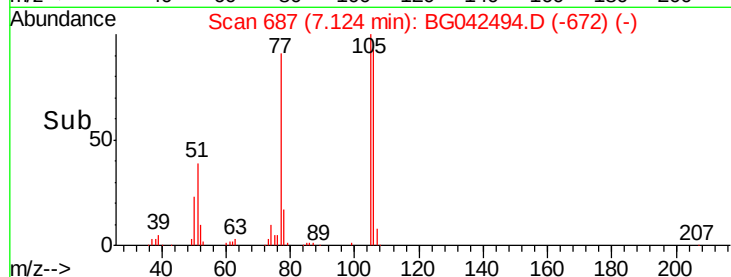
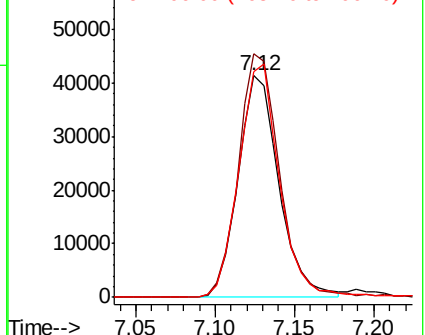
77 100

105 110.0 93.4 133.4

106 101.9 88.4 128.4



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



#10

Phenol

Concen: 41.783 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

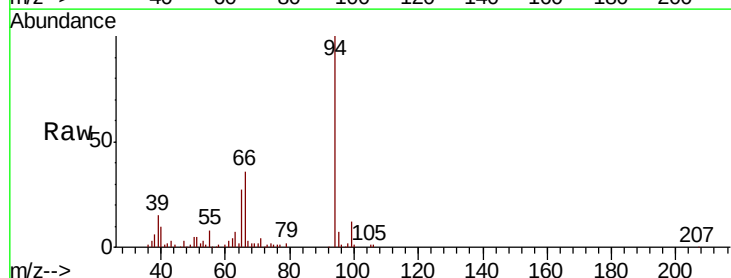
Tgt Ion: 94 Resp: 139380

Ion Ratio Lower Upper

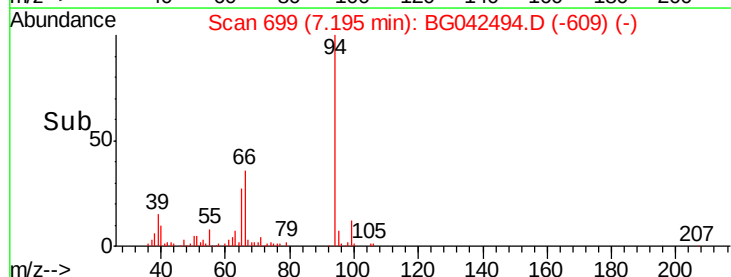
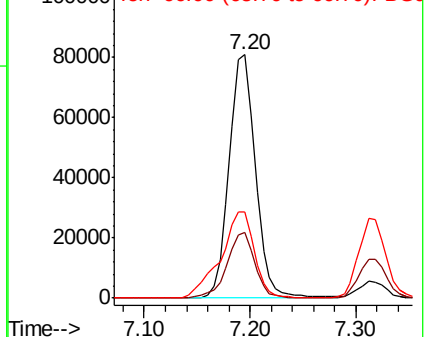
94 100

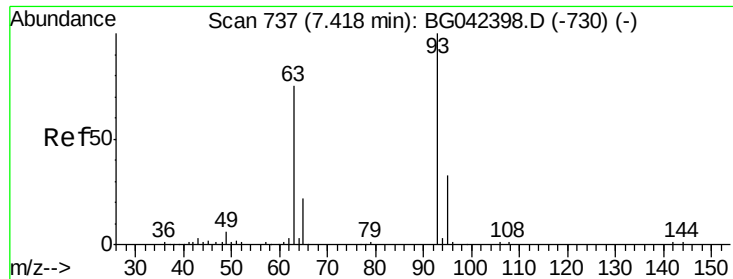
65 27.2 5.6 45.6

66 35.5 16.0 56.0



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

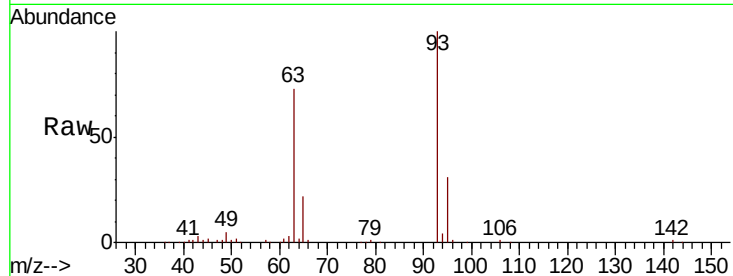




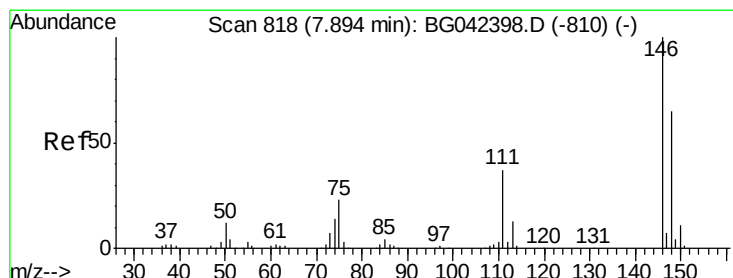
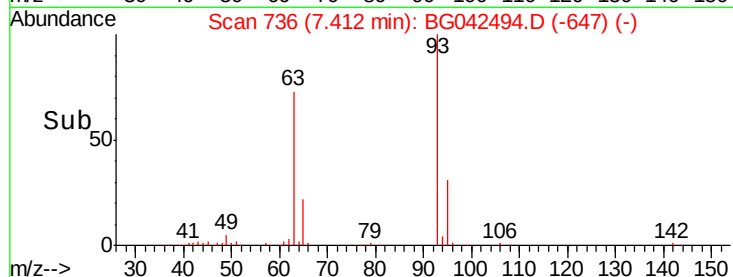
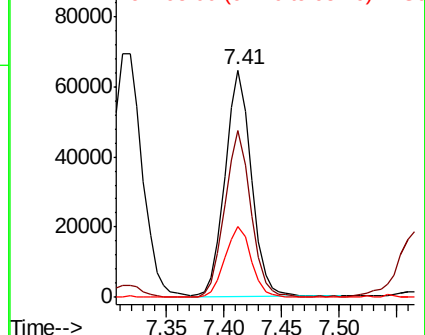
#11
bis(2-Chloroethyl)ether
Concen: 38.782 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tgt Ion: 93 Resp: 101602
Ion Ratio Lower Upper
93 100
63 73.3 53.8 93.8
95 31.4 13.1 53.1

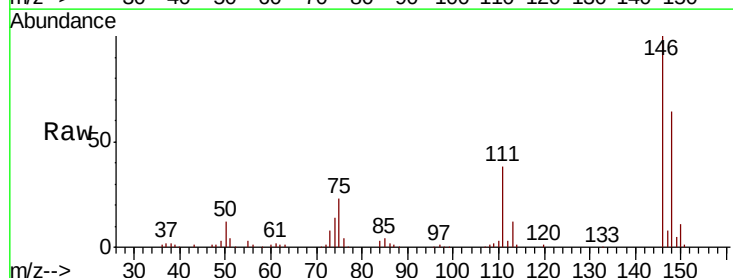


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

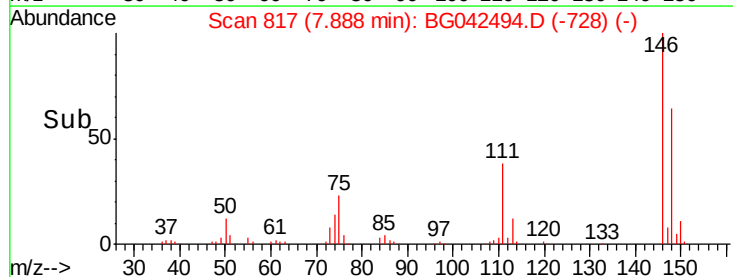
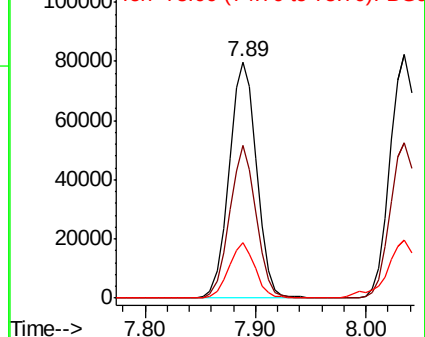


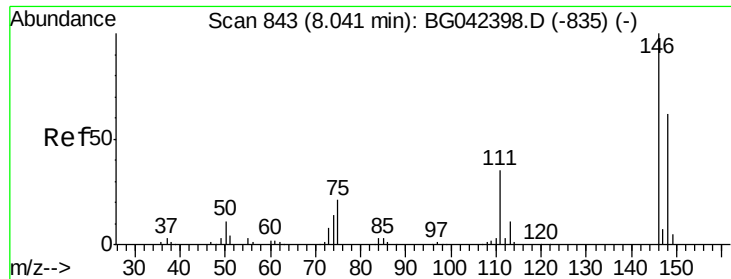
#12
1,3-Dichlorobenzene
Concen: 36.889 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion: 146 Resp: 138139
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.2
75 23.5 18.0 27.0



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

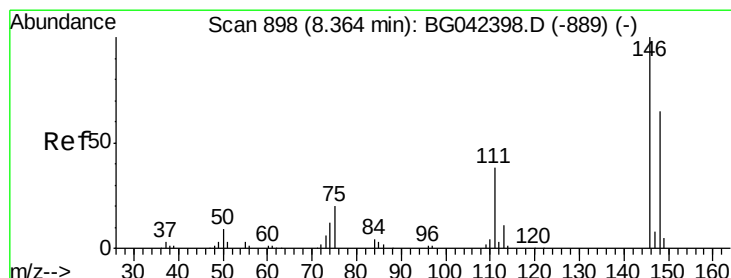
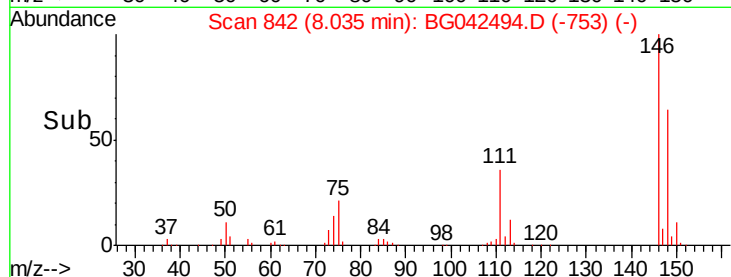
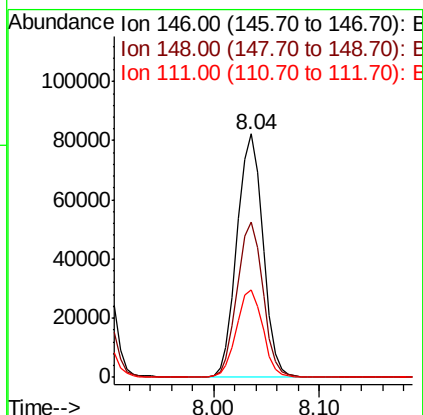
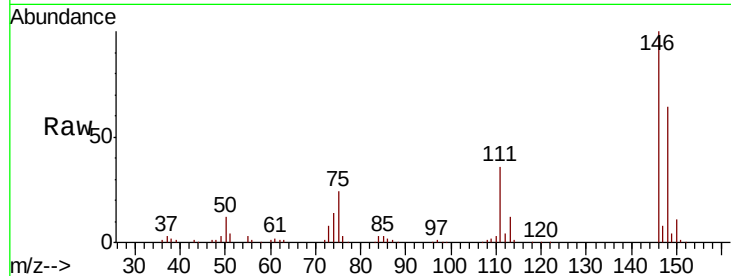




#13
 1,4-Dichlorobenzene
 Concen: 36.957 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

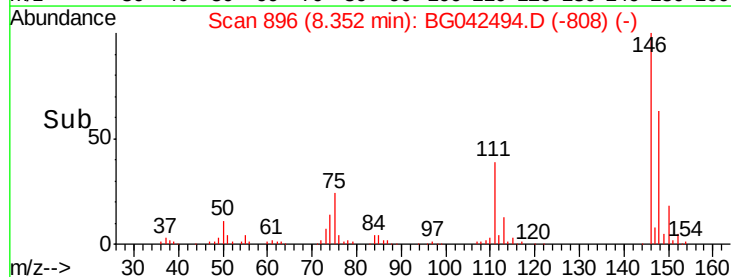
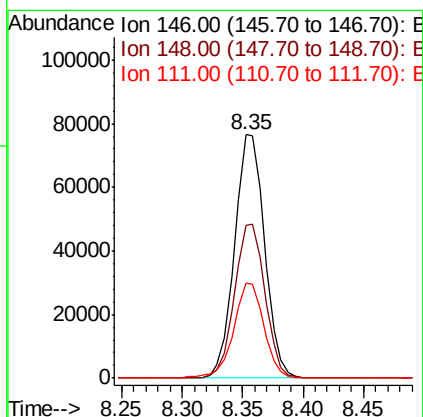
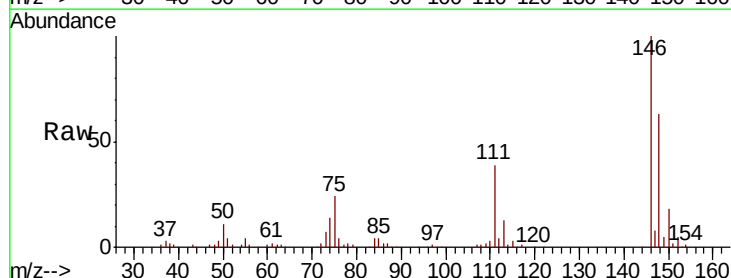
Instrument :
 BNA_G
 ClientSampleID :
 PB122218BS

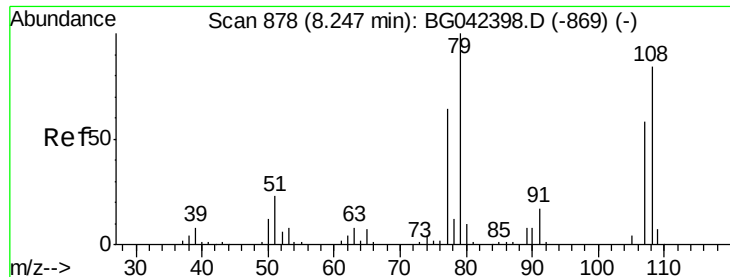
Tgt Ion:146 Resp: 140181
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.5 74.3
 111 35.9 28.1 42.1



#14
 1,2-Dichlorobenzene
 Concen: 36.544 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion:146 Resp: 132744
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 111 39.1 30.9 46.3





#15

Benzyl Alcohol

Concen: 38.031 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

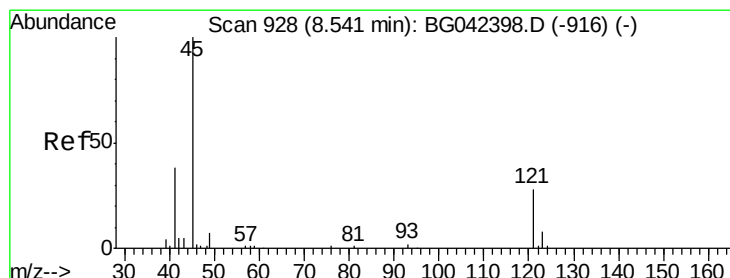
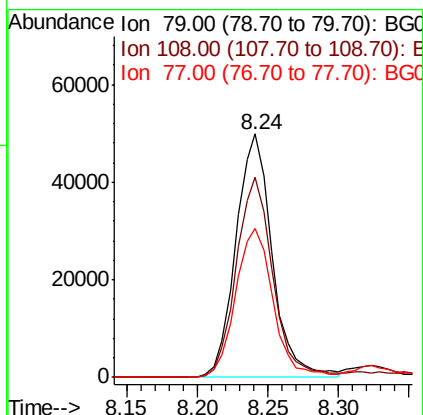
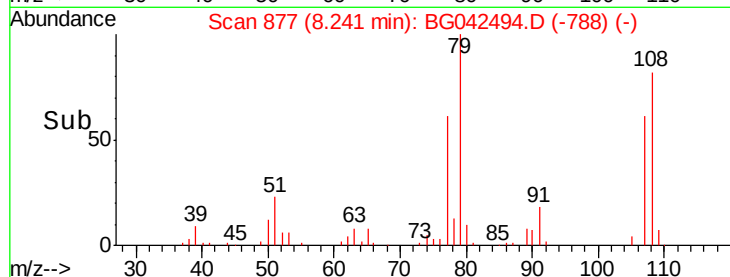
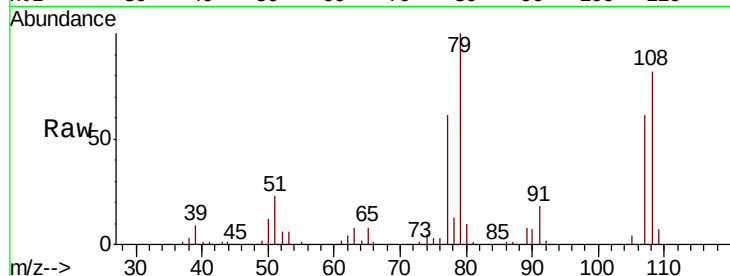
Tgt Ion: 79 Resp: 89769

Ion Ratio Lower Upper

79 100

108 81.9 67.4 101.2

77 61.3 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.933 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

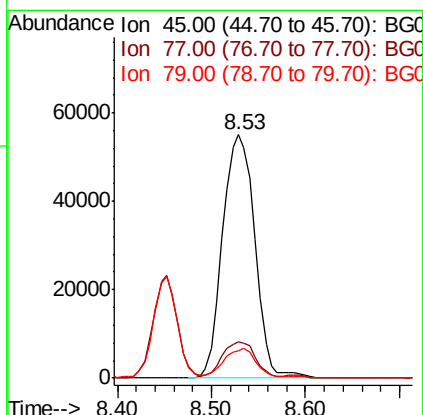
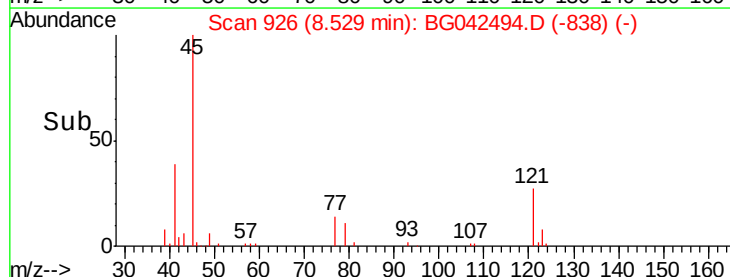
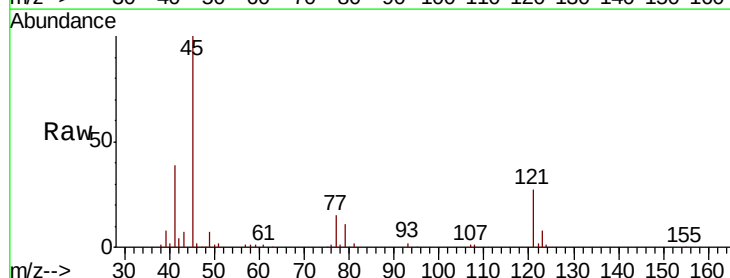
Tgt Ion: 45 Resp: 131144

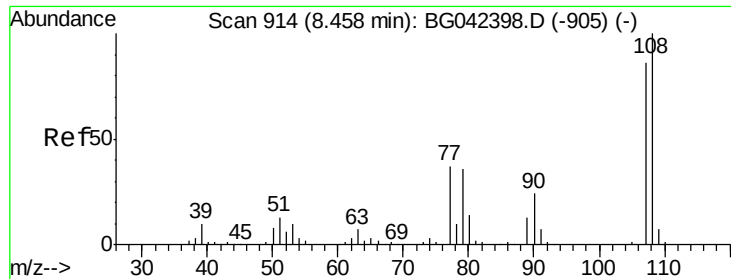
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.6

79 11.0 0.0 31.6

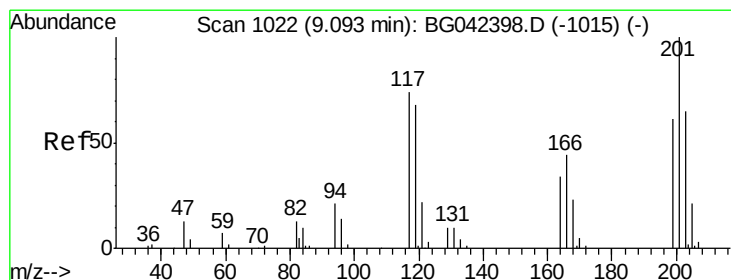
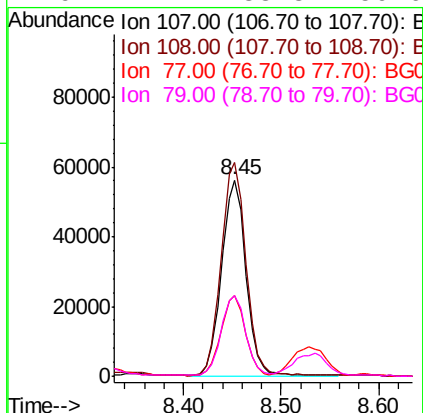
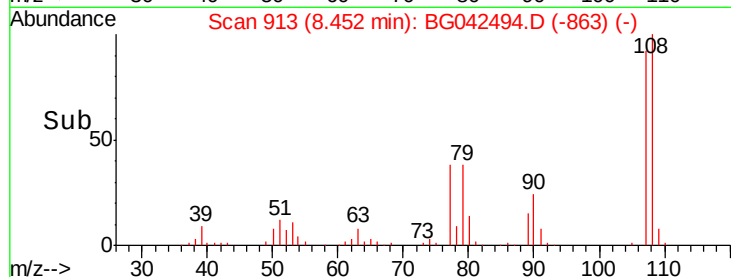
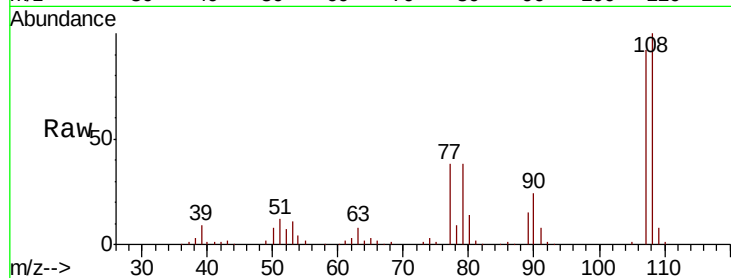




#17
2-Methylphenol
Concen: 40.310 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

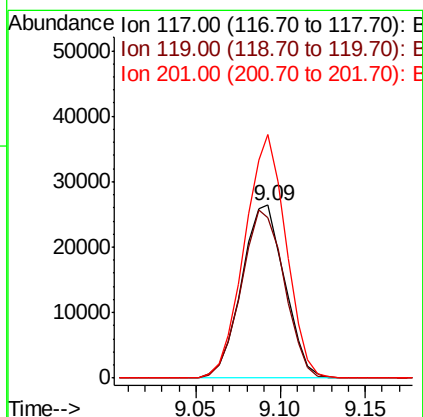
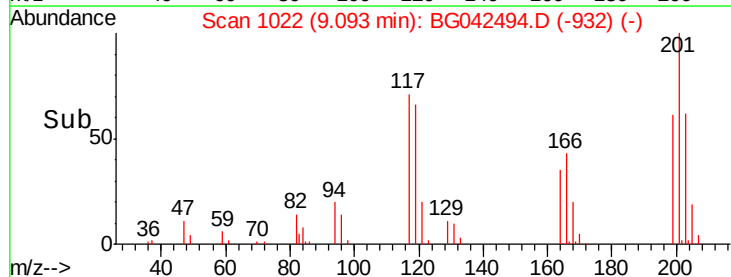
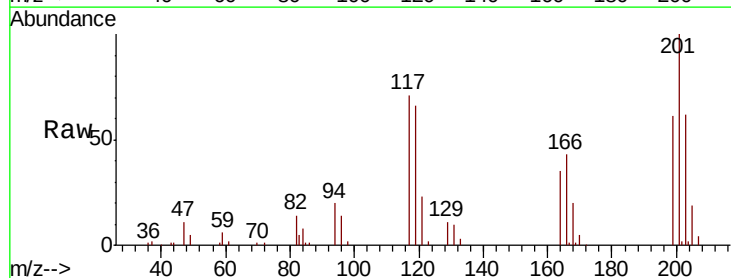
Instrument :
BNA_G
ClientSampleId :
PB122218BS

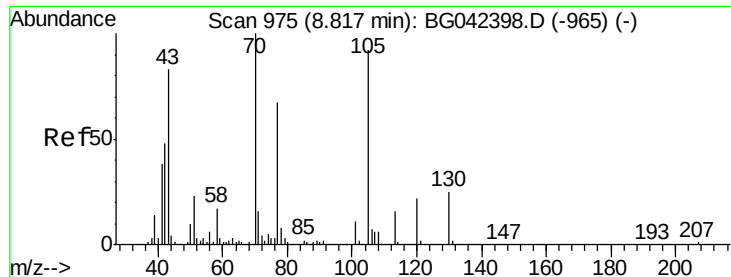
Tgt Ion:	107	Resp:	99043
Ion	Ratio	Lower	Upper
107	100		
108	109.0	92.9	139.3
77	41.3	34.4	51.6
79	41.1	33.8	50.6



#18
Hexachloroethane
Concen: 36.144 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion:	117	Resp:	46934
Ion	Ratio	Lower	Upper
117	100		
119	92.8	73.8	110.8
201	140.7	108.3	162.5





#19

n-Nitroso-di-n-propylamine

Concen: 35.972 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

Tgt Ion: 70 Resp: 76459

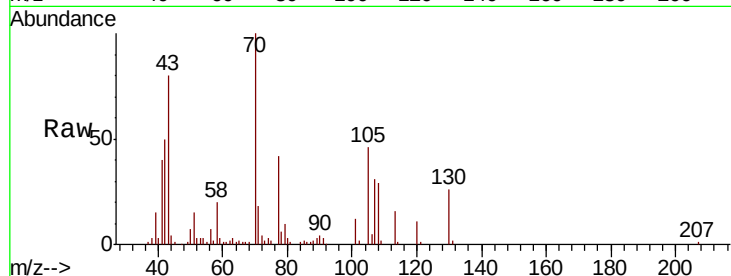
Ion Ratio Lower Upper

70 100

42 50.4 38.8 58.2

101 12.1 9.0 13.6

130 26.0 20.0 30.0



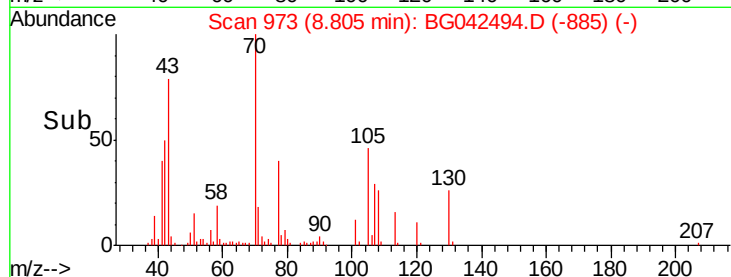
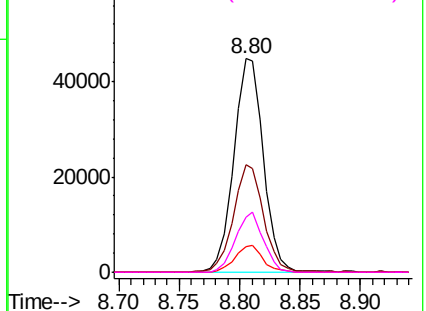
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.968 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion: 107 Resp: 132486

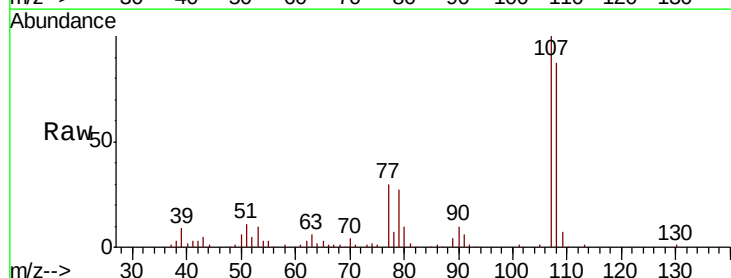
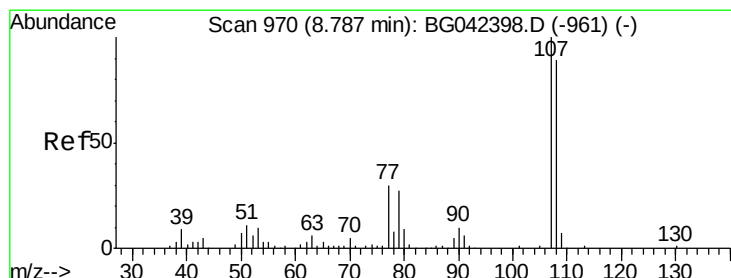
Ion Ratio Lower Upper

107 100

108 87.3 68.7 108.7

77 30.0 10.2 50.2

79 27.4 6.9 46.9



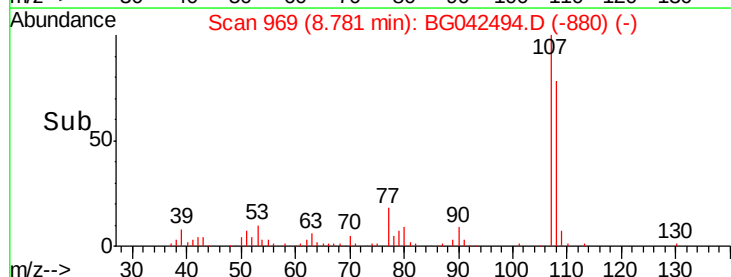
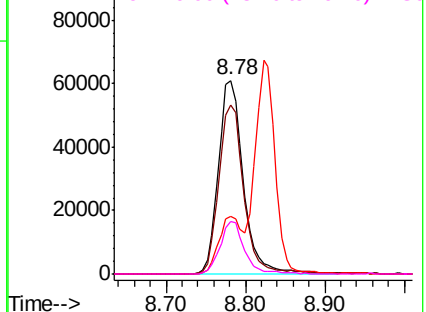
Abundance

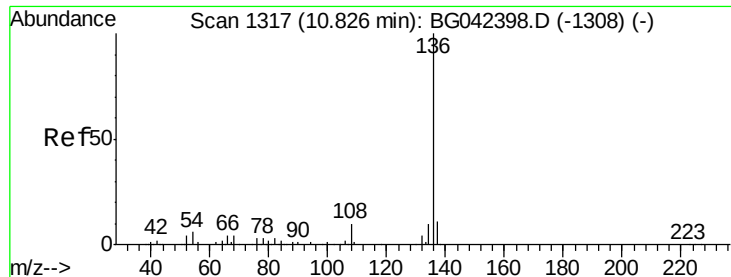
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

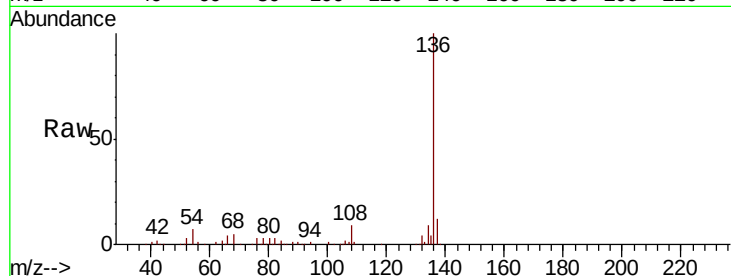




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tgt Ion:	136	Resp:	199652
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	6.8	4.9	7.3
68	4.7	3.6	5.4



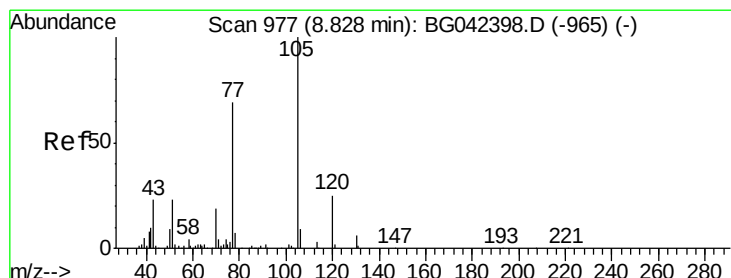
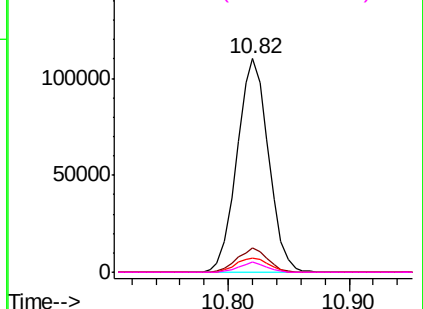
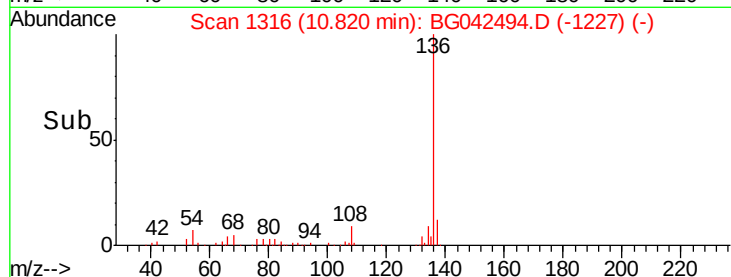
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

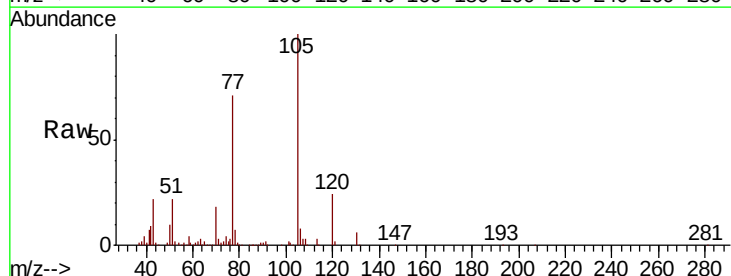
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.511 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion:	105	Resp:	168719
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	21.7	18.7	28.1
120	23.8	20.1	30.1



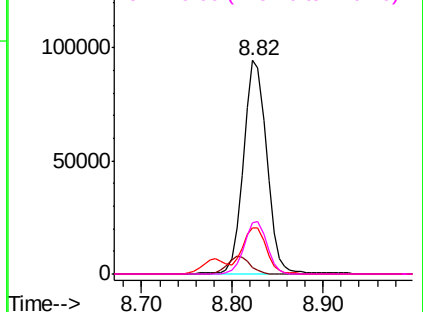
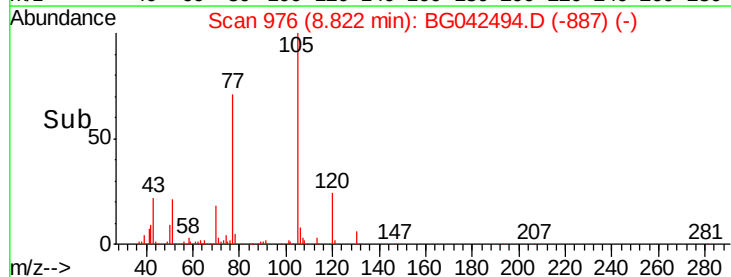
Abundance

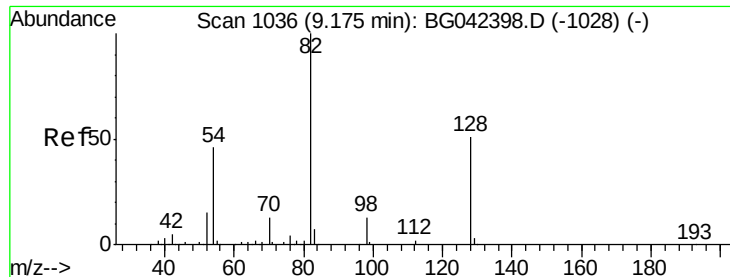
Ion 105.00 (104.70 to 105.70): E

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

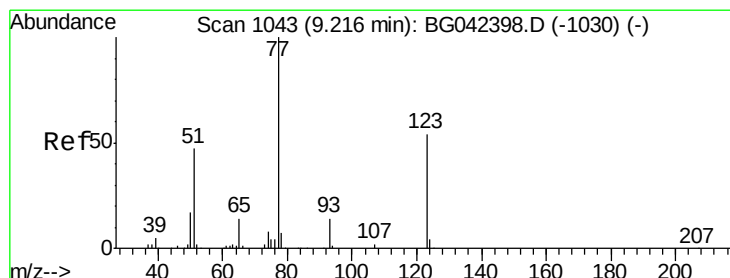
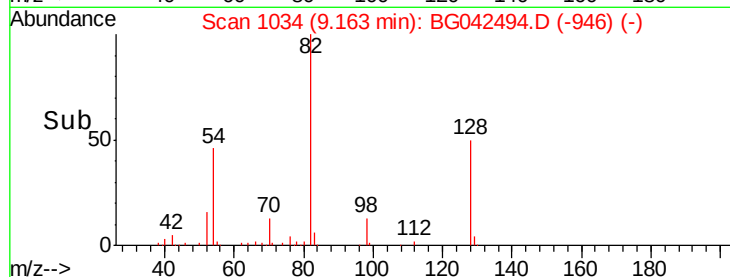
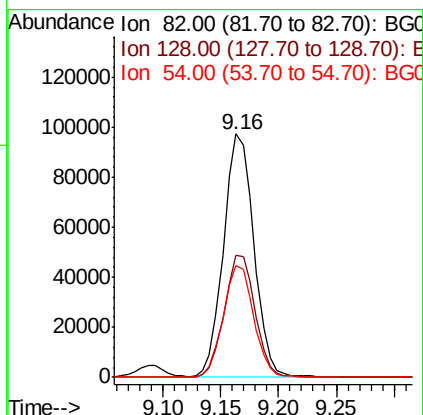
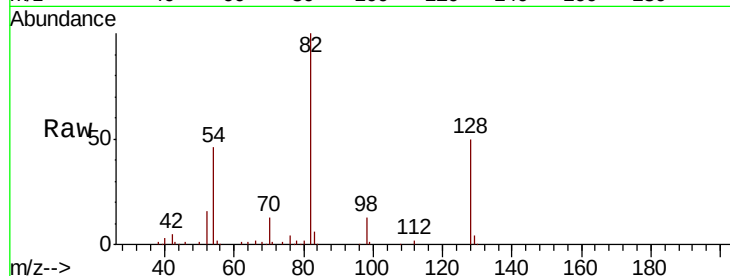




#23
 Nitrobenzene-d5
 Concen: 61.355 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

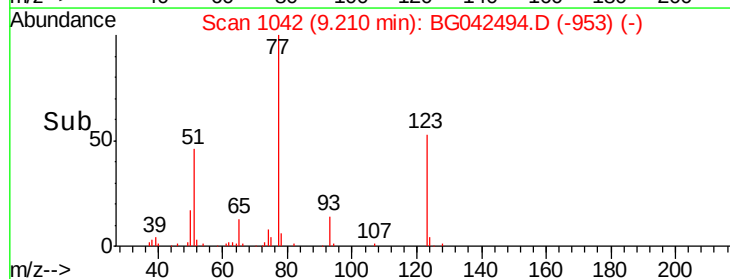
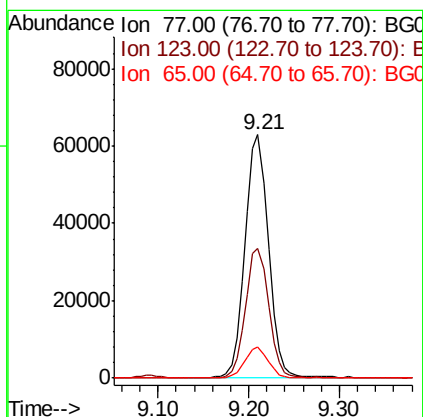
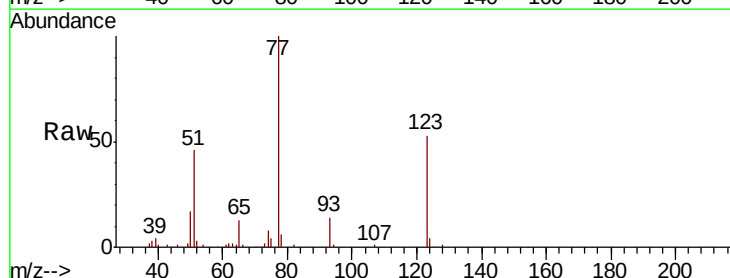
Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

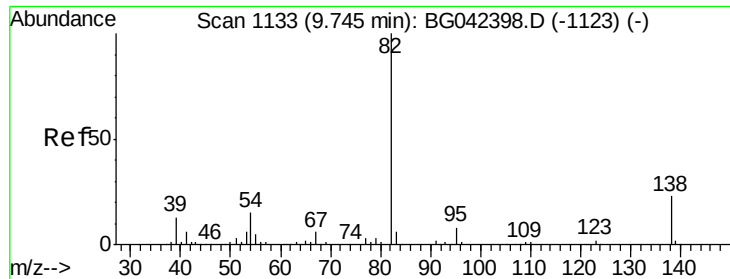
Tgt Ion: 82 Resp: 177264
 Ion Ratio Lower Upper
 82 100
 128 49.9 40.7 61.1
 54 46.1 36.3 54.5



#24
 Nitrobenzene
 Concen: 38.790 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion: 77 Resp: 113488
 Ion Ratio Lower Upper
 77 100
 123 53.5 43.4 65.0
 65 12.7 11.0 16.6

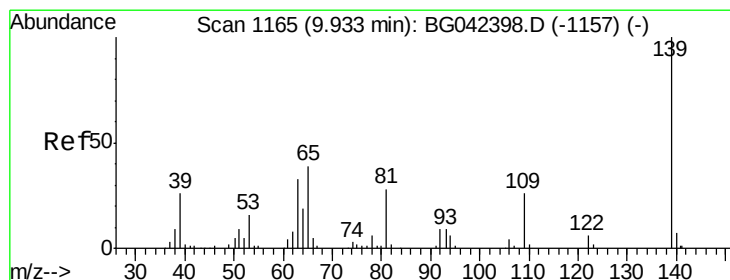
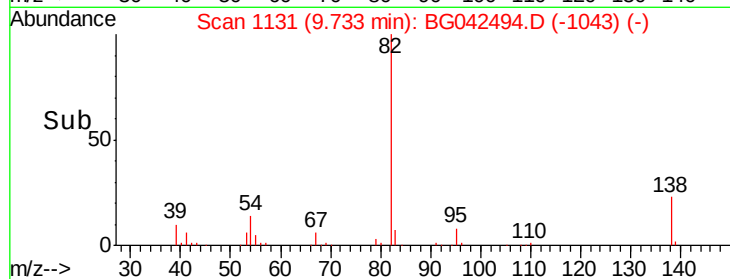
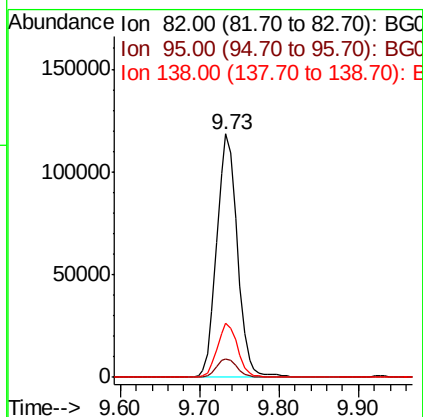
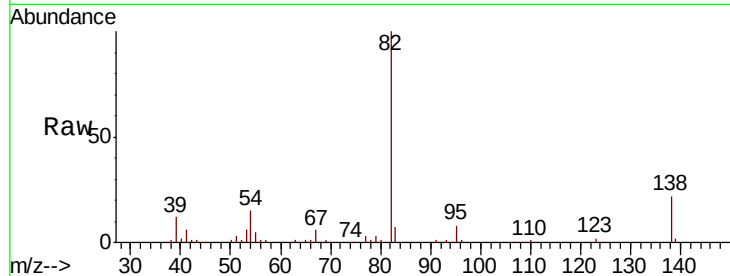




#25
Isophorone
Concen: 37.593 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

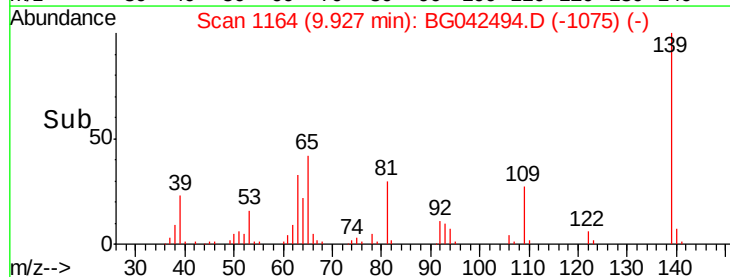
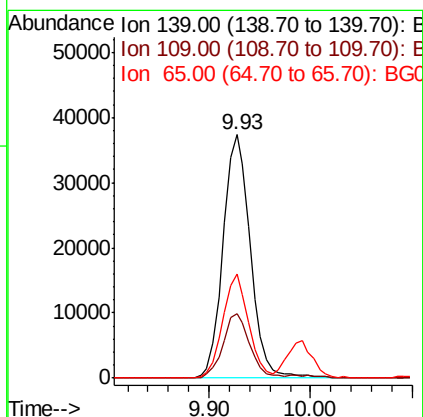
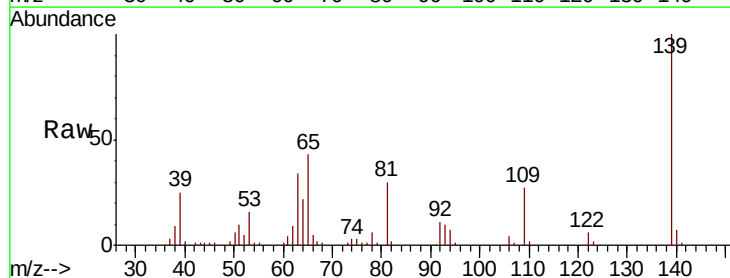
Instrument :
BNA_G
ClientSampleId :
PB122218BS

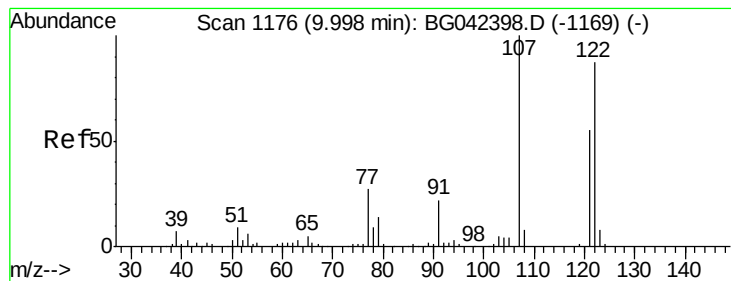
Tgt Ion: 82 Resp: 214350
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 22.4 18.6 27.8



#26
2-Nitrophenol
Concen: 37.933 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion: 139 Resp: 69547
Ion Ratio Lower Upper
139 100
109 26.7 20.5 30.7
65 43.0 30.9 46.3





#27

2,4-Dimethylphenol

Concen: 43.686 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

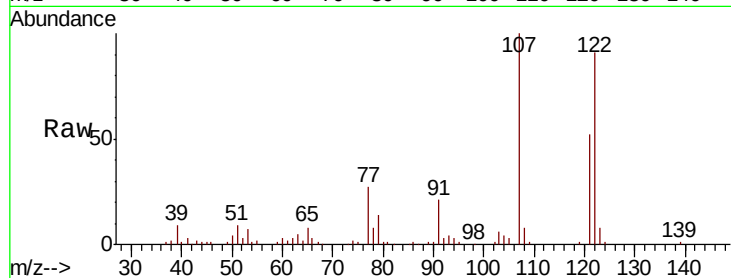
Tgt Ion:122 Resp: 110331

Ion Ratio Lower Upper

122 100

107 110.3 90.8 136.2

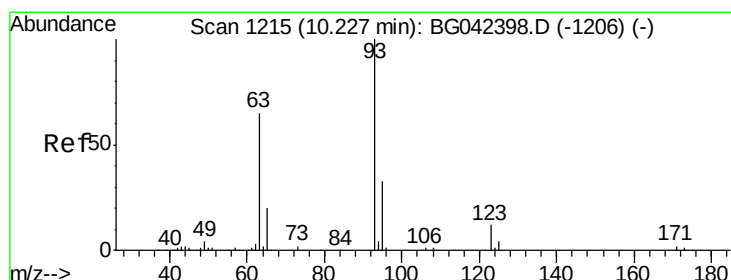
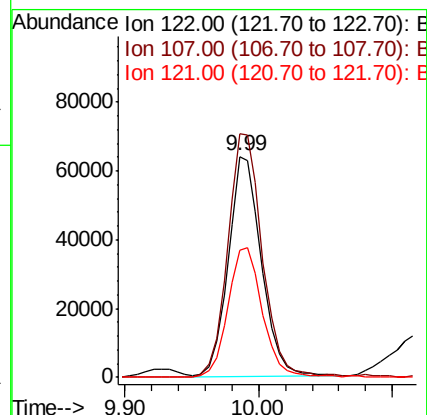
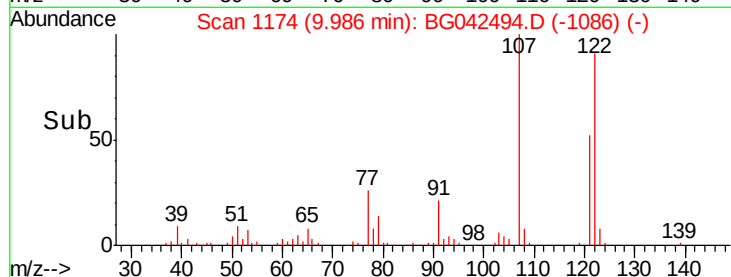
121 57.3 49.6 74.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.533 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

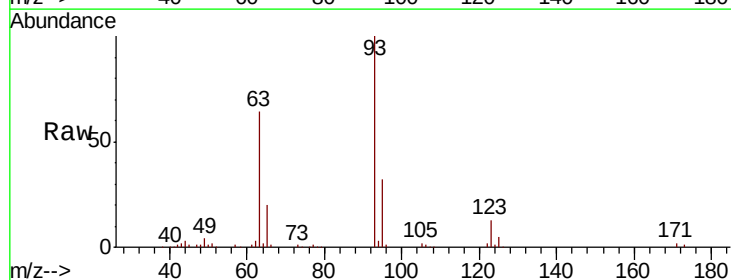
Tgt Ion: 93 Resp: 134884

Ion Ratio Lower Upper

93 100

95 31.7 26.6 40.0

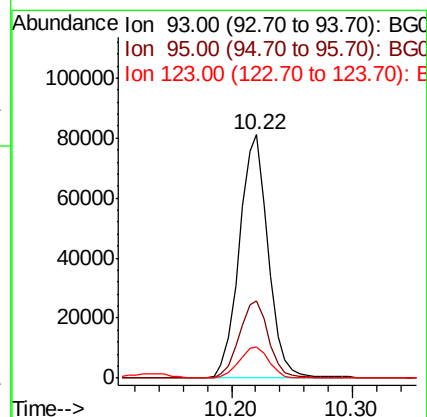
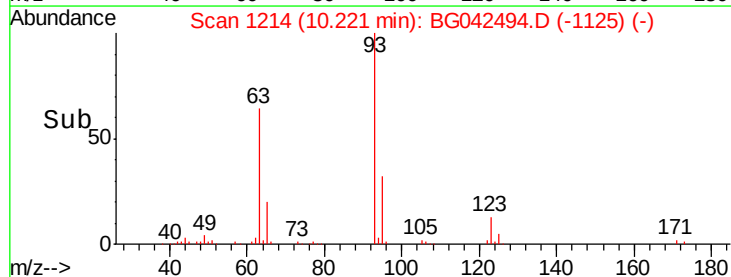
123 12.8 10.1 15.1

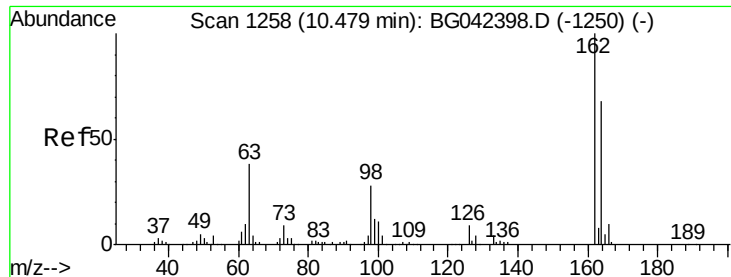


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

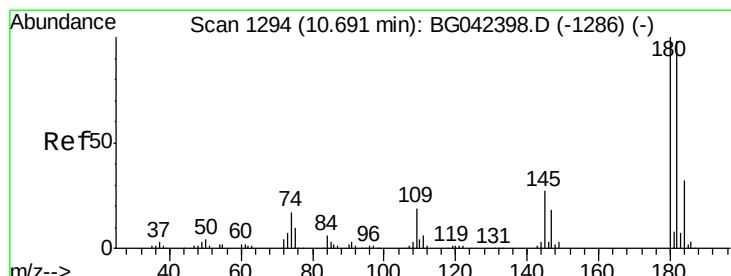
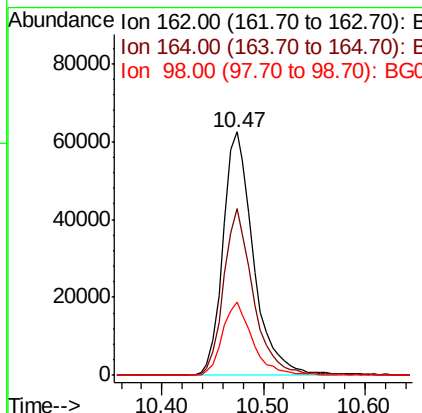
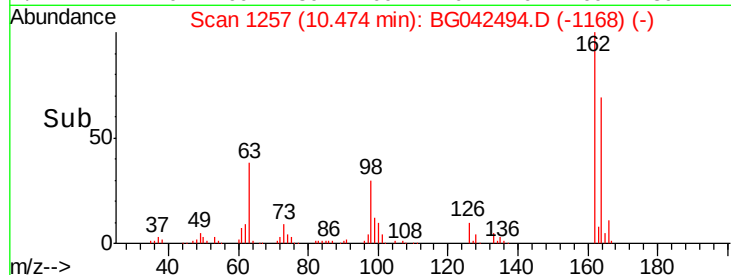
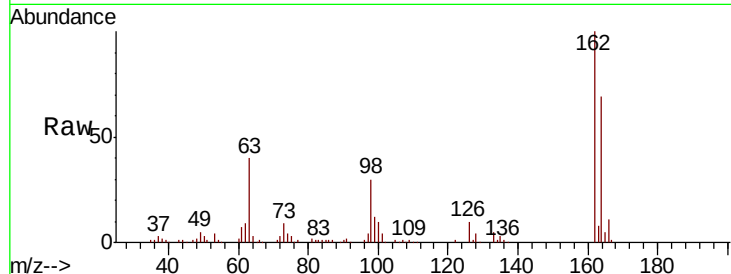




#29
 2,4-Dichlorophenol
 Concen: 39.374 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

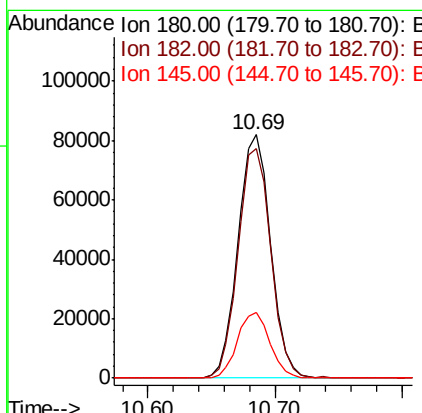
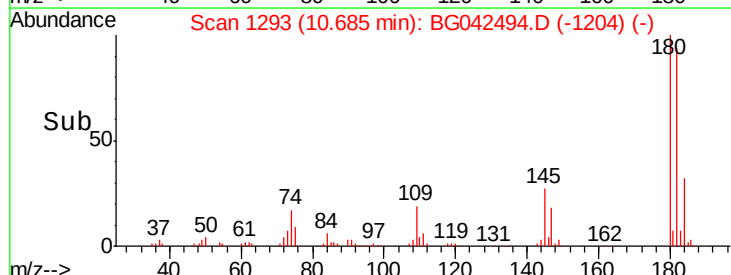
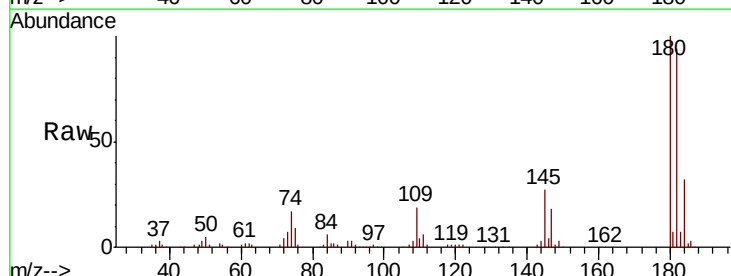
Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

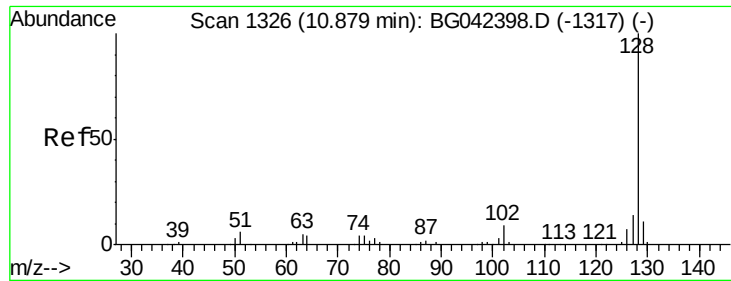
Tgt Ion:	162	Resp:	130103
Ion	Ratio	Lower	Upper
162	100		
164	68.6	48.1	88.1
98	30.4	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 35.999 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion:	180	Resp:	146007
Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.7	118.1
145	26.8	21.6	32.4

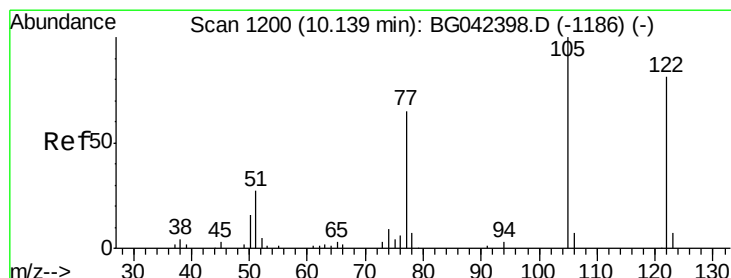
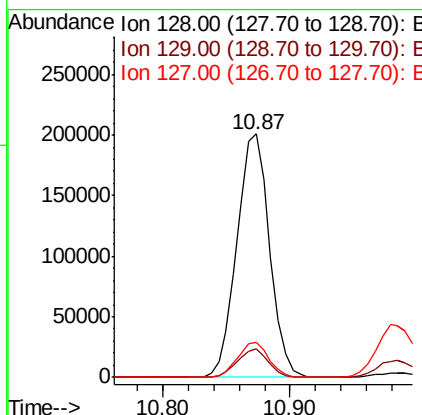
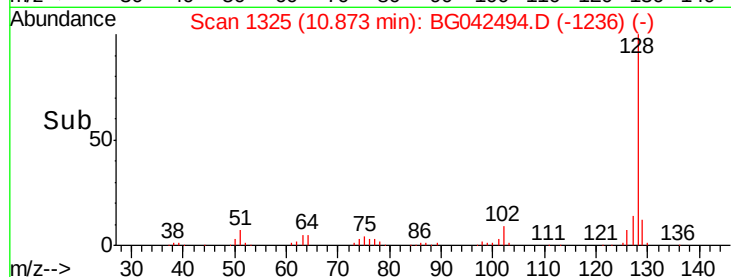
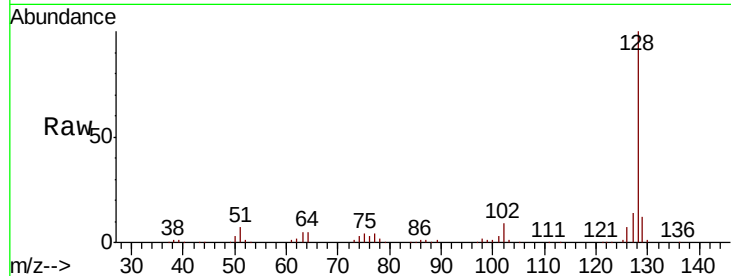




#31
Naphthalene
Concen: 38.719 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

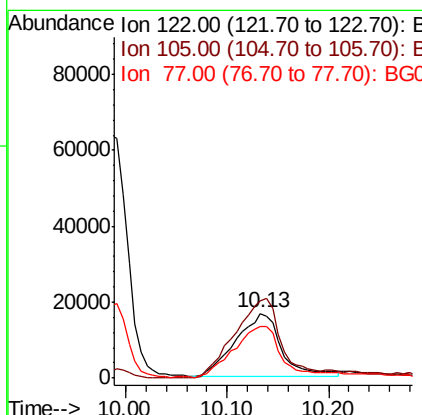
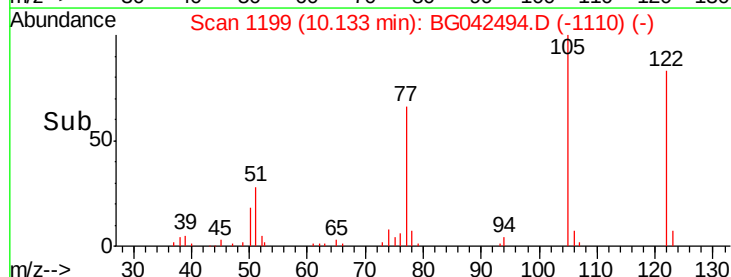
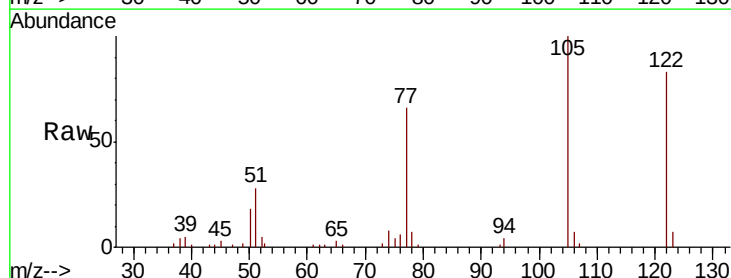
Instrument :
BNA_G
ClientSampleId :
PB122218BS

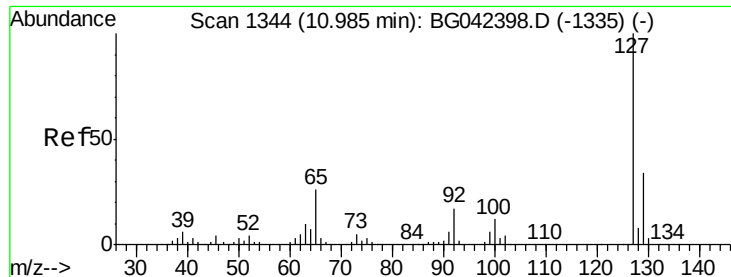
Tgt Ion:128 Resp: 358900
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 31.951 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion:122 Resp: 52531
Ion Ratio Lower Upper
122 100
105 120.4 99.6 139.6
77 79.3 59.5 99.5

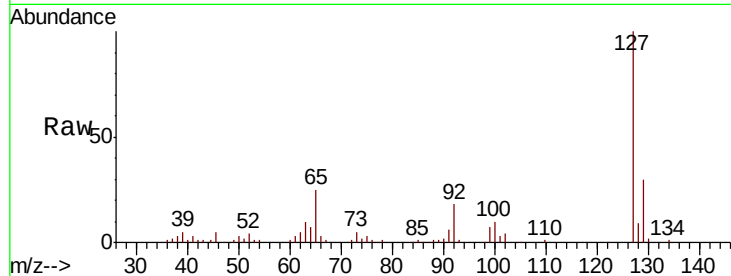




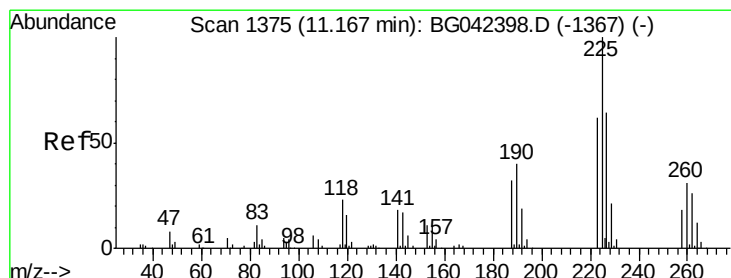
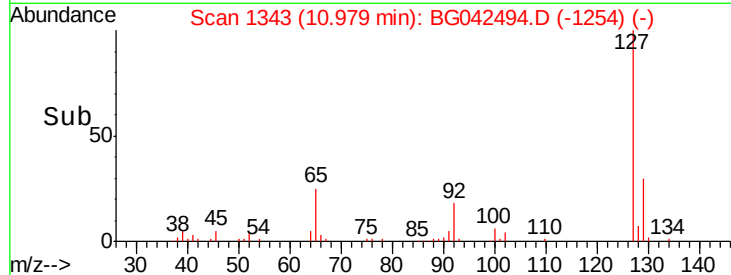
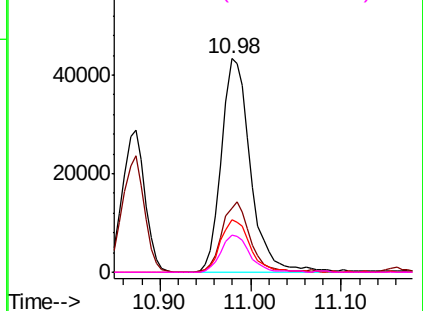
#33
4-Chloroaniline
Concen: 22.601 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tgt Ion:	127	Resp:	96710
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.8	40.2
65	24.6	20.7	31.1
92	17.6	13.6	20.4

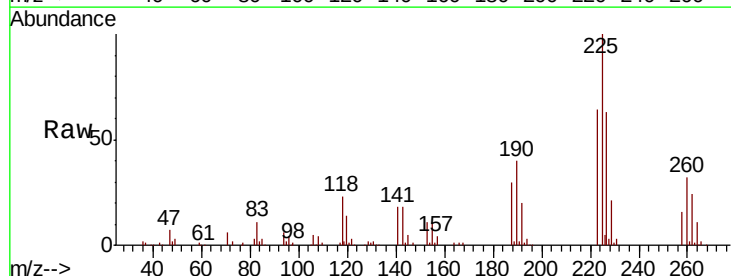


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

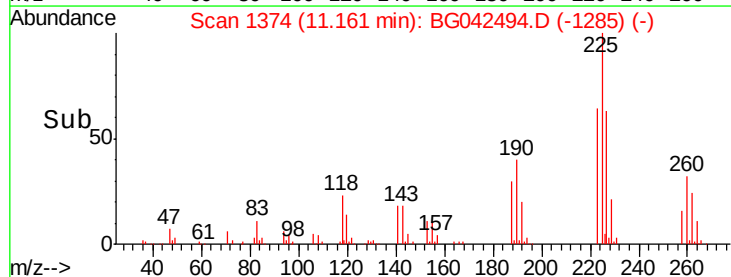
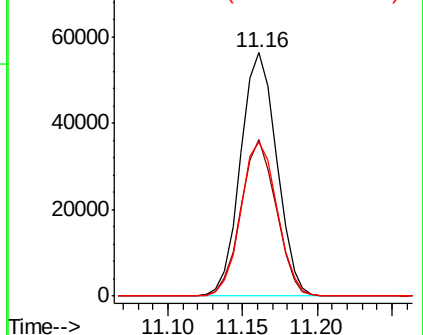


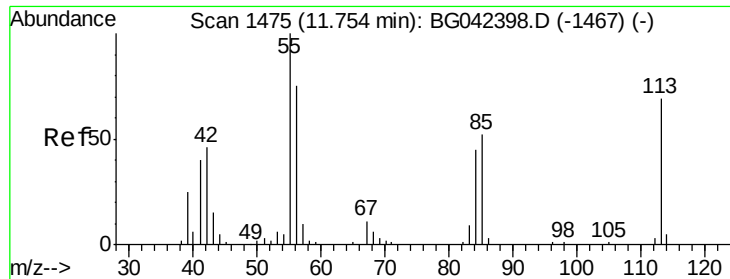
#34
Hexachlorobutadiene
Concen: 34.739 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion:	225	Resp:	94691
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.8	74.6
227	63.3	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

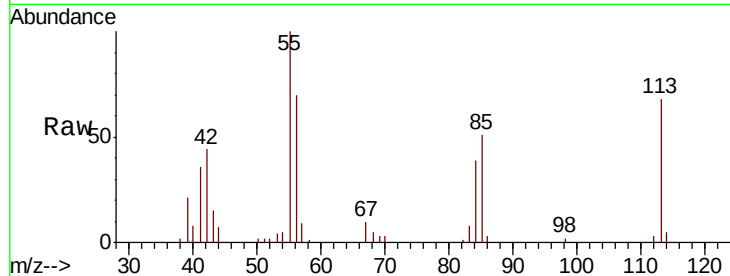




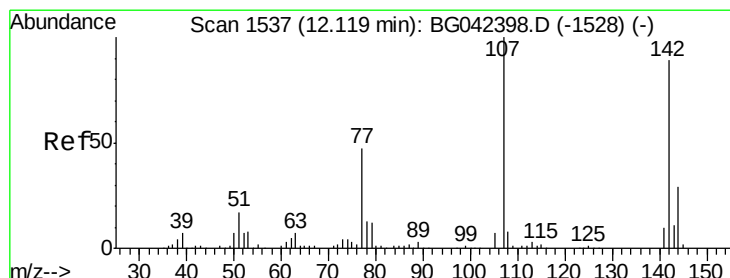
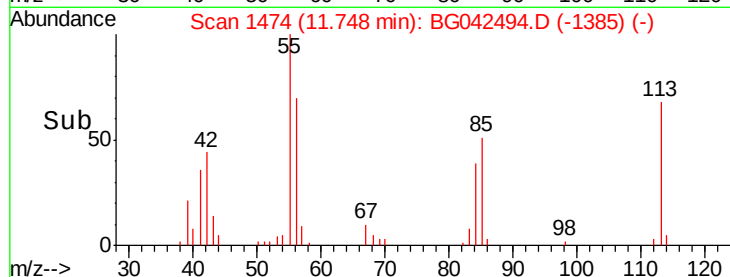
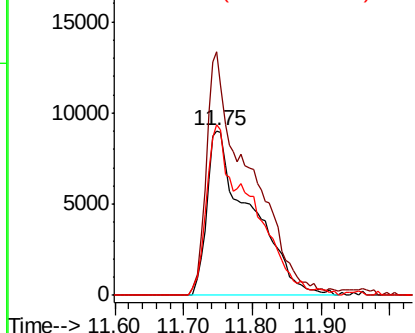
#35
 Caprolactam
 Concen: 36.185 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tgt Ion:113 Resp: 39897
 Ion Ratio Lower Upper
 113 100
 55 147.9 124.6 164.6
 56 104.0 88.3 128.3

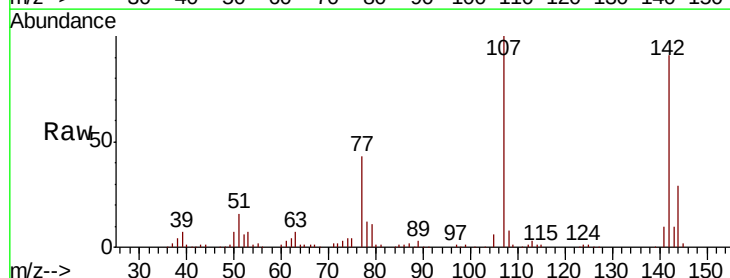


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

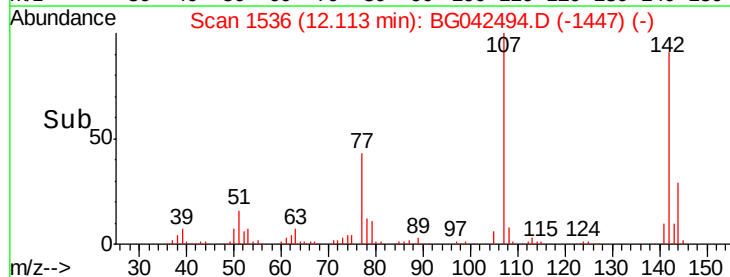
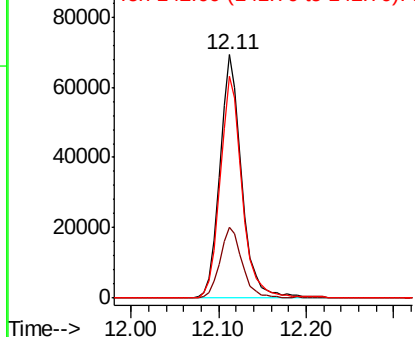


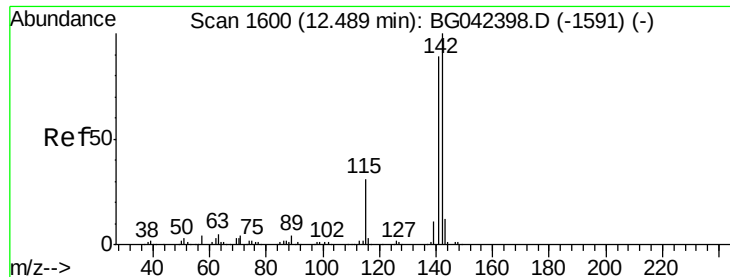
#36
 4-Chloro-3-methylphenol
 Concen: 38.201 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion:107 Resp: 119826
 Ion Ratio Lower Upper
 107 100
 144 29.1 23.6 35.4
 142 91.0 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

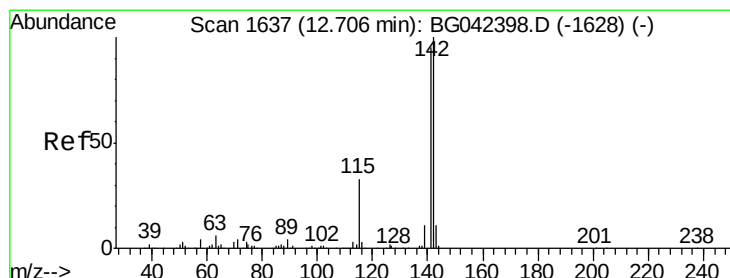
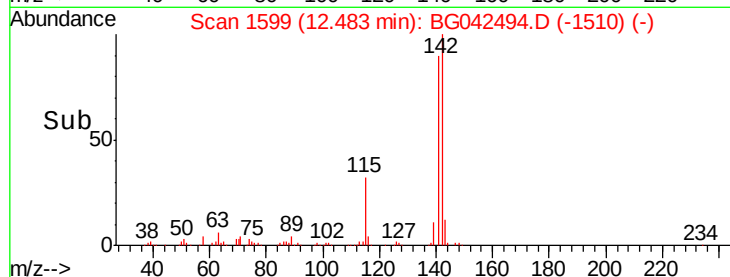
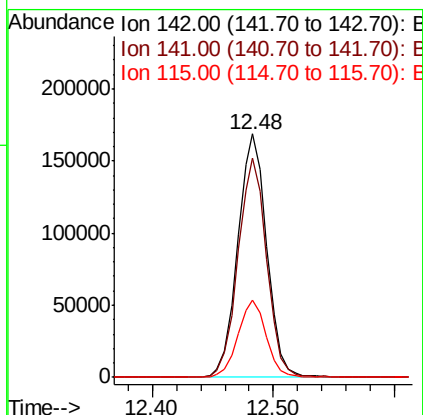
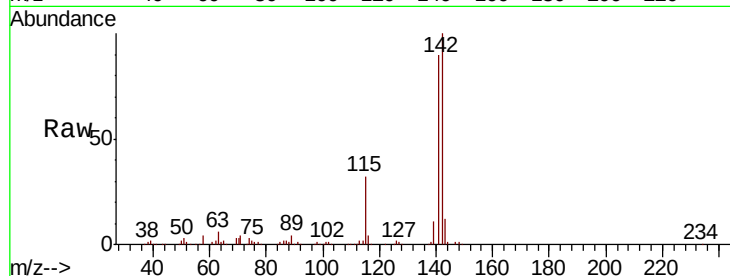




#37
 2-Methylnaphthalene
 Concen: 37.817 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

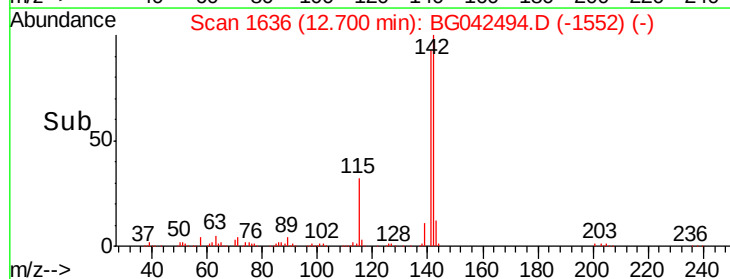
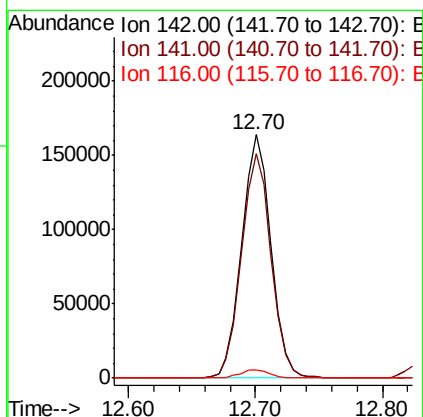
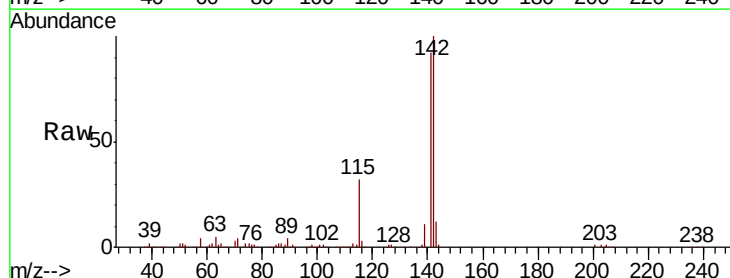
Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

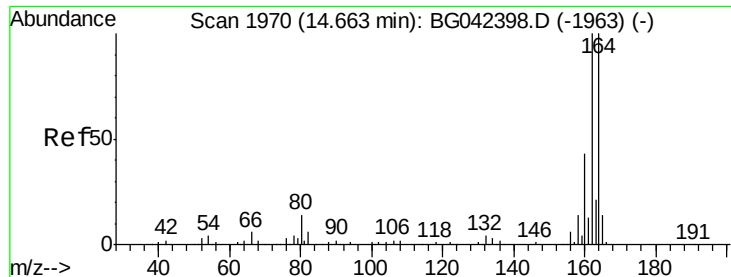
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	31.5	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 37.118 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.2	114.2
116	3.3	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

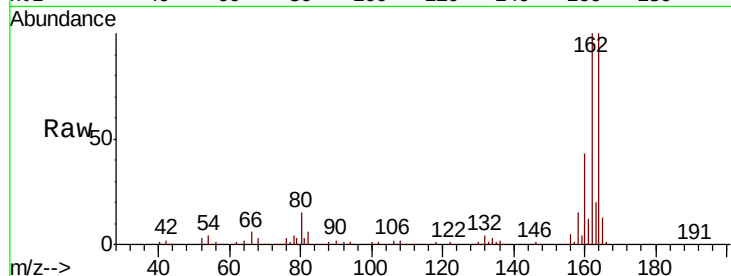
Tgt Ion:164 Resp: 138790

Ion Ratio Lower Upper

164 100

162 100.1 79.9 119.9

160 43.0 34.3 51.5

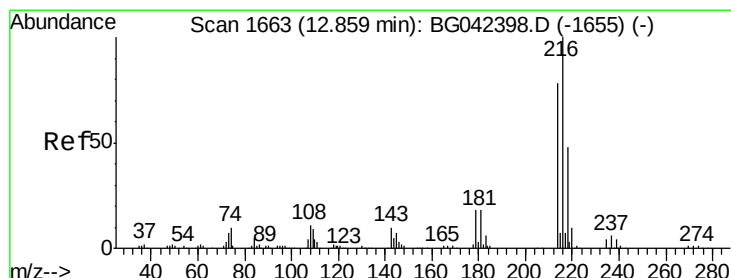
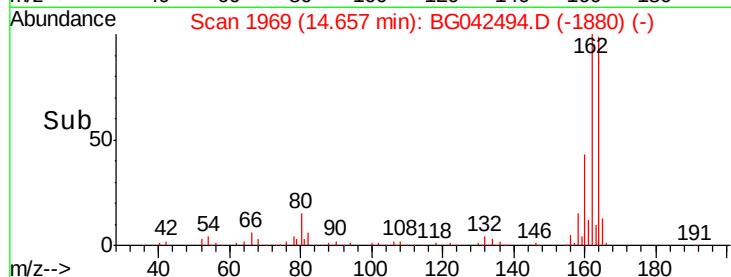
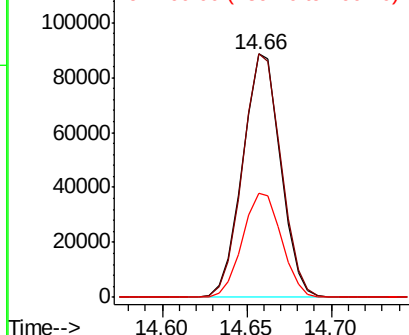


Abundance

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: 39.138 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:216 Resp: 174441

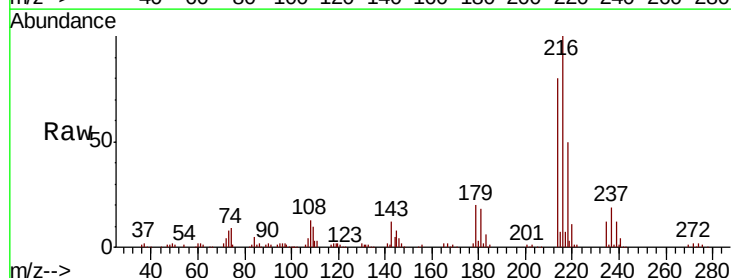
Ion Ratio Lower Upper

216 100

214 77.3 61.4 92.2

179 19.4 15.1 22.7

108 13.5 9.4 14.0



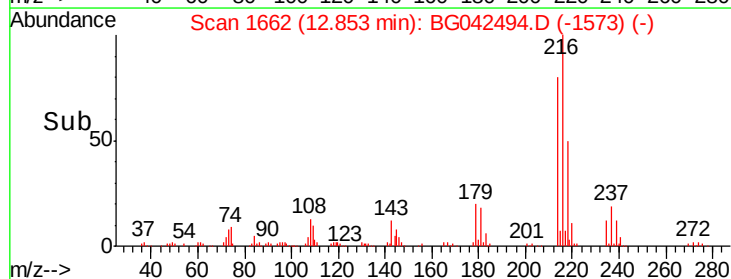
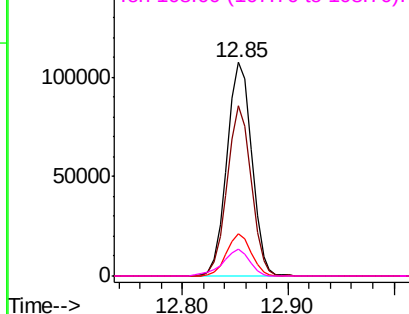
Abundance

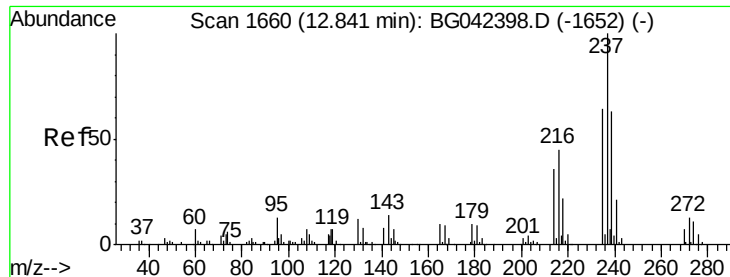
Ion 216.00 (215.70 to 216.70): E

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: 81.567 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

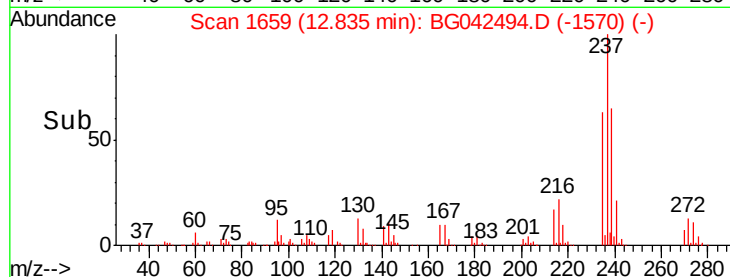
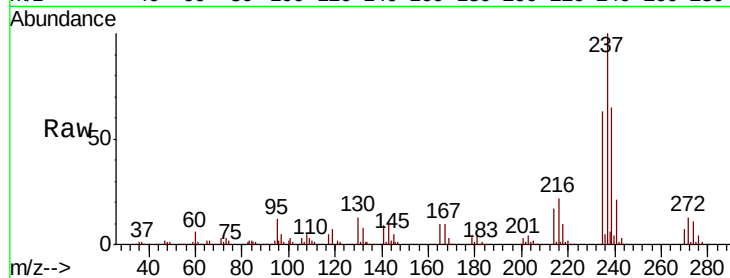
Tgt Ion: 237 Resp: 190967

Ion Ratio Lower Upper

237 100

235 63.5 43.7 83.7

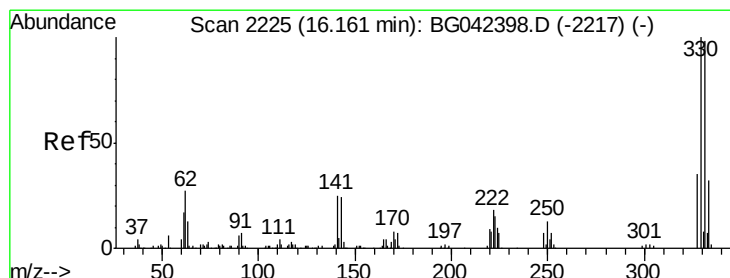
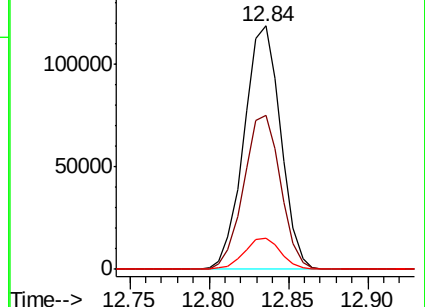
272 12.9 0.0 33.3



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: 95.532 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

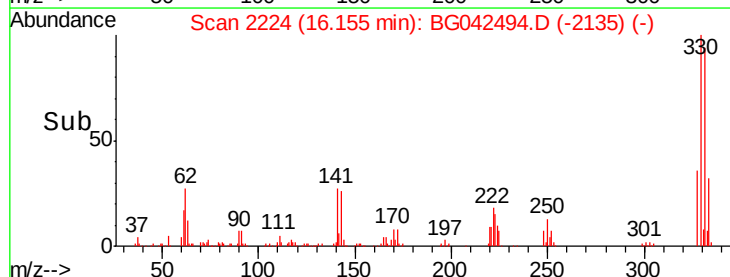
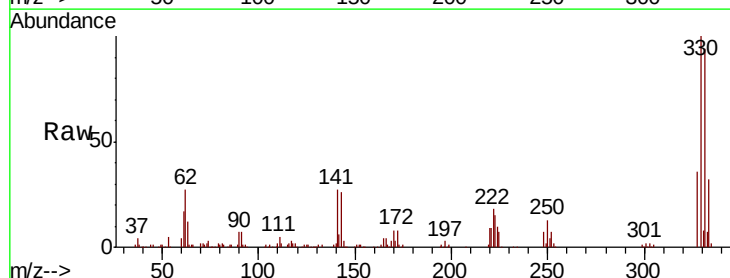
Tgt Ion: 330 Resp: 188453

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

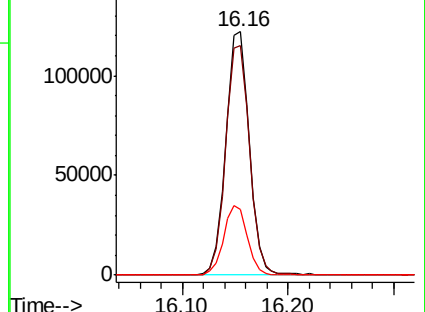
141 28.8 21.4 32.0

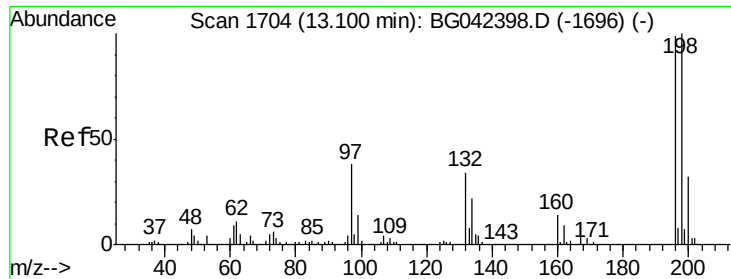


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

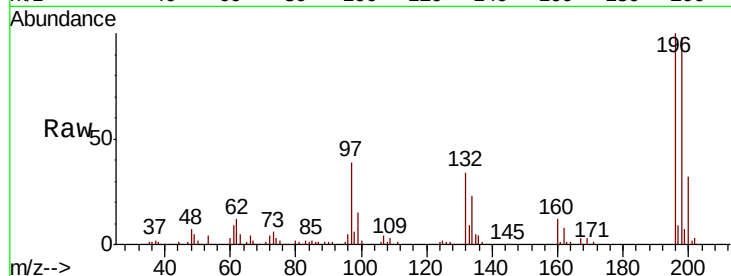




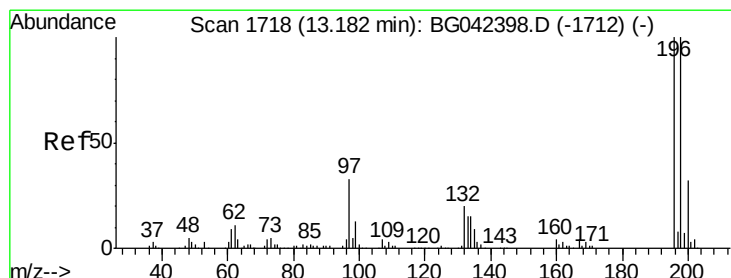
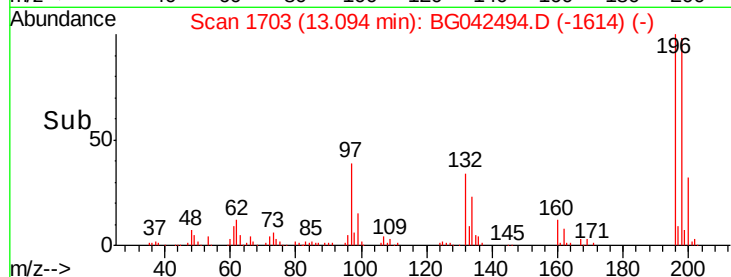
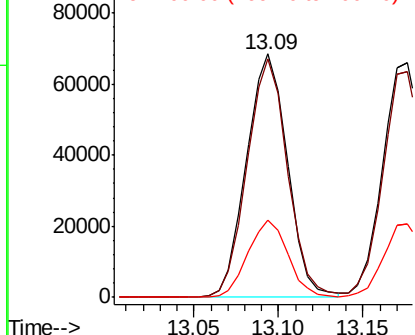
#43
 2,4,6-Trichlorophenol
 Concen: 38.330 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tgt Ion:196 Resp: 115475
 Ion Ratio Lower Upper
 196 100
 198 97.7 80.7 121.1
 200 31.6 25.7 38.5



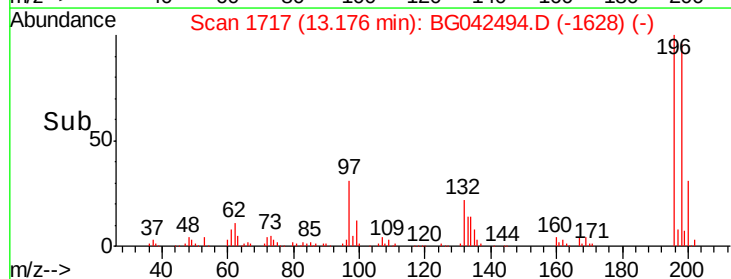
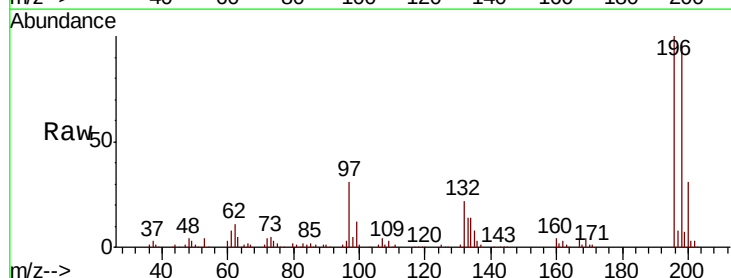
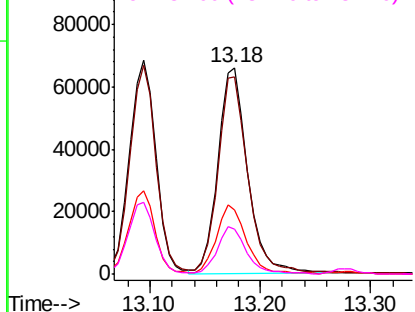
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

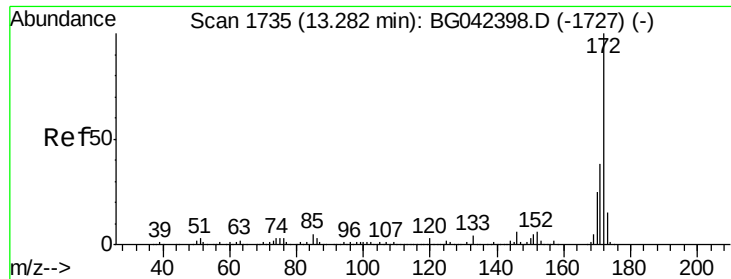


#44
 2,4,5-Trichlorophenol
 Concen: 39.422 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion:196 Resp: 123074
 Ion Ratio Lower Upper
 196 100
 198 95.9 80.2 120.4
 97 31.0 26.3 39.5
 132 21.8 16.6 24.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

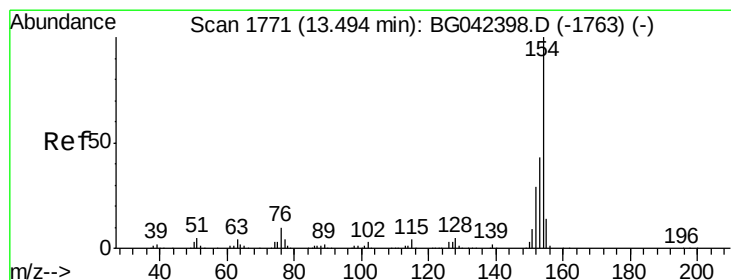
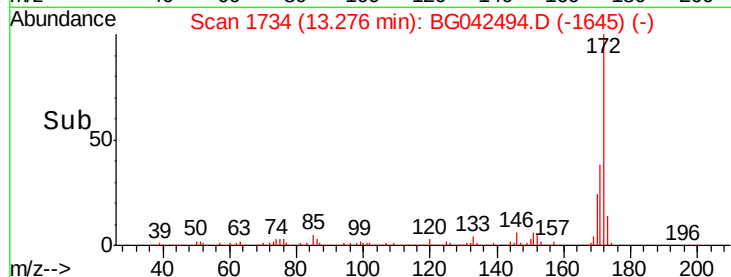
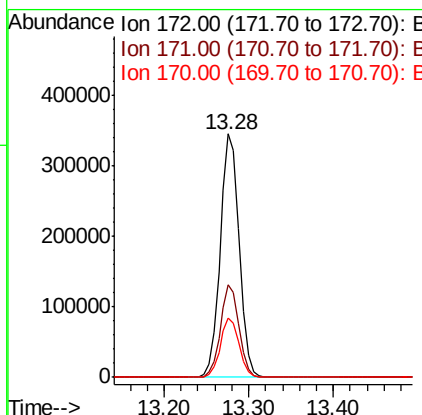
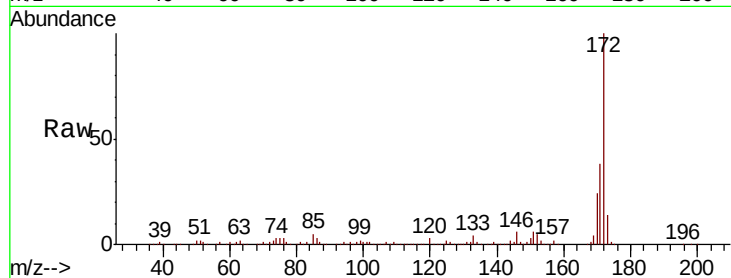




#45
 2-Fluorobiphenyl
 Concen: 65.374 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

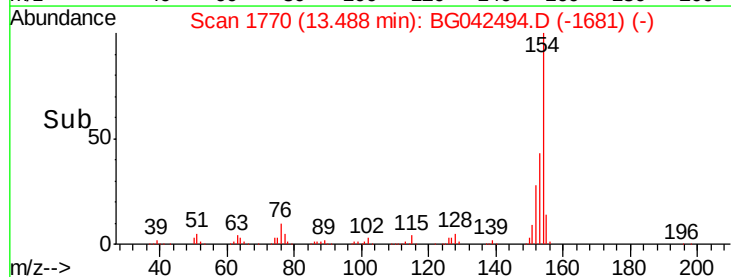
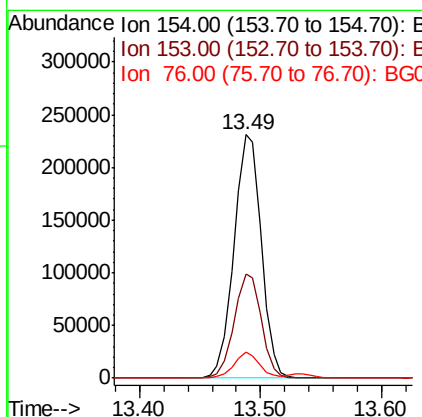
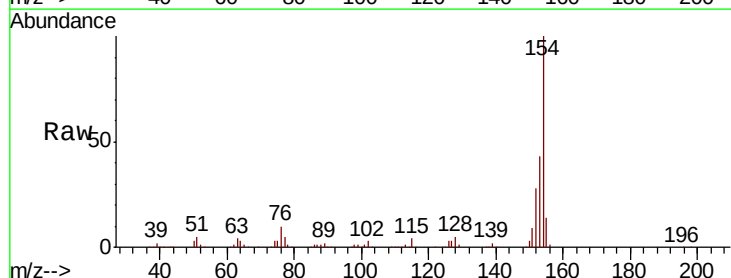
Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

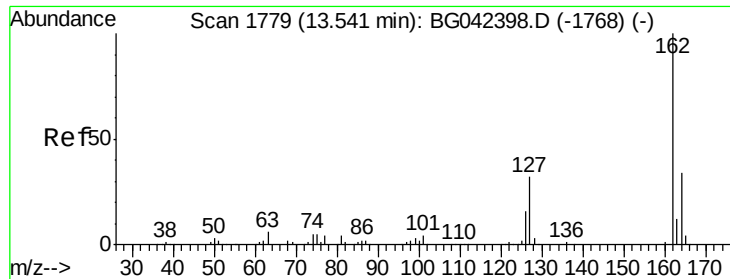
Tgt Ion:172 Resp: 536471
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.5 45.7
 170 24.1 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.640 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion:154 Resp: 364606
 Ion Ratio Lower Upper
 154 100
 153 42.5 23.0 63.0
 76 10.5 0.0 29.6

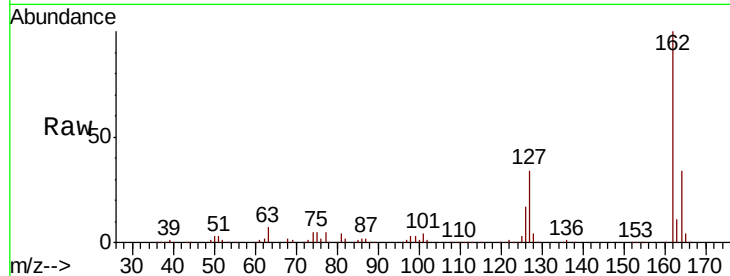




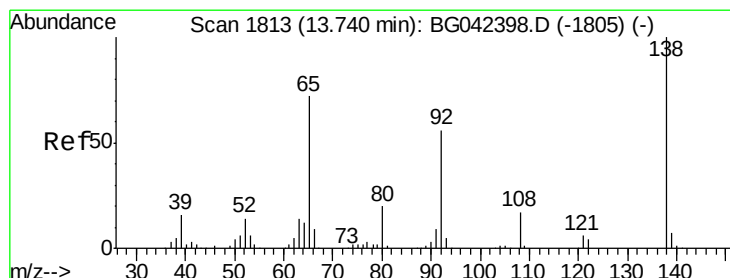
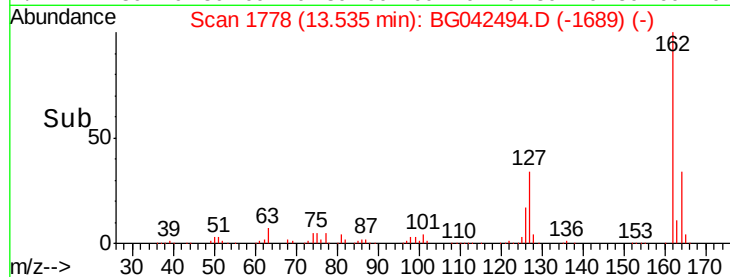
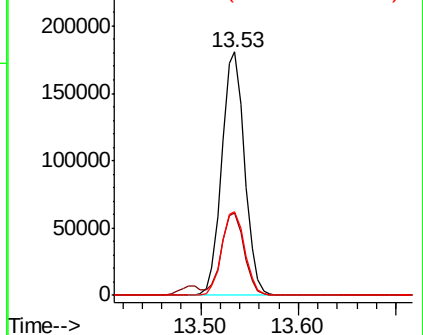
#47
 2-Chloronaphthalene
 Concen: 37.850 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.0	26.0	39.0
164	34.1	27.4	41.0

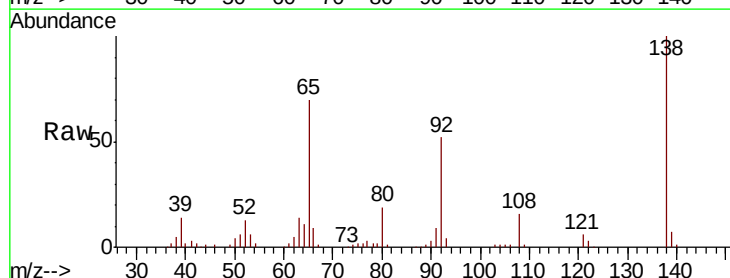


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

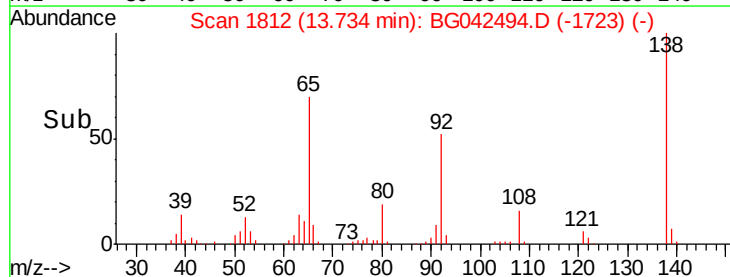
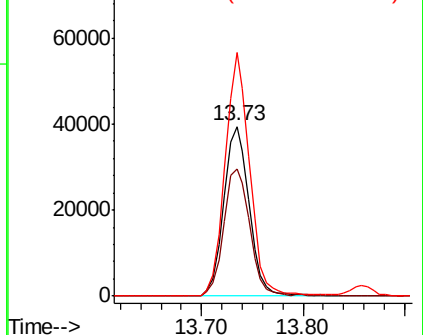


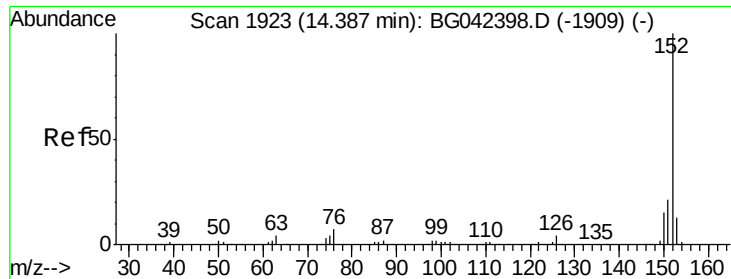
#48
 2-Nitroaniline
 Concen: 36.898 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	61.8	92.6
138	143.3	111.0	166.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.969 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

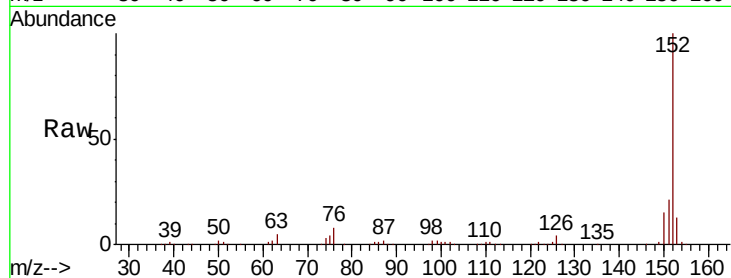
Tgt Ion:152 Resp: 465165

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.4

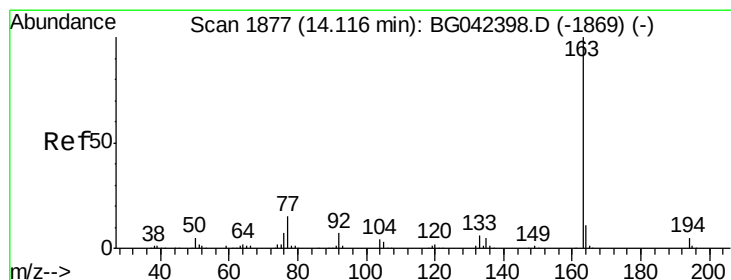
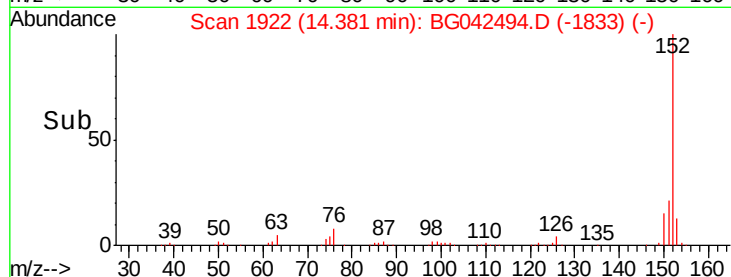
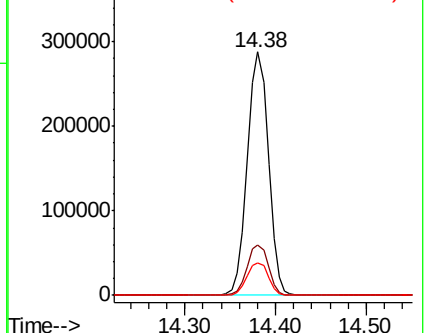
153 13.2 10.6 16.0



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: 37.167 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

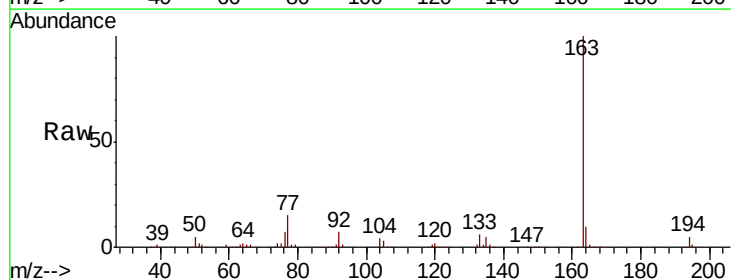
Tgt Ion:163 Resp: 372198

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

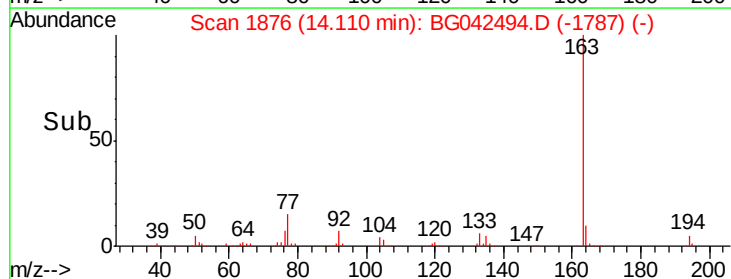
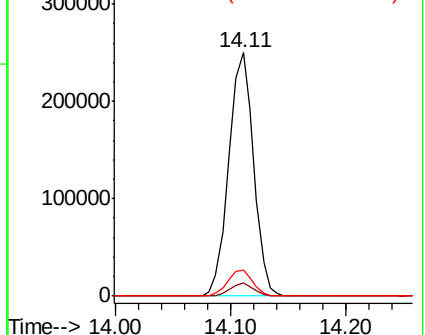
164 10.5 8.8 13.2

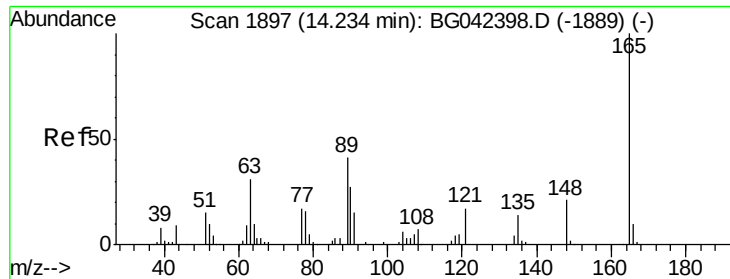


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

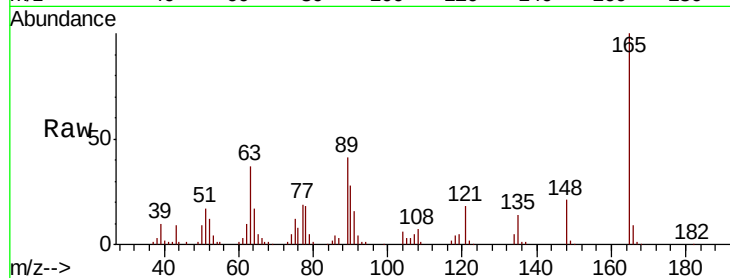




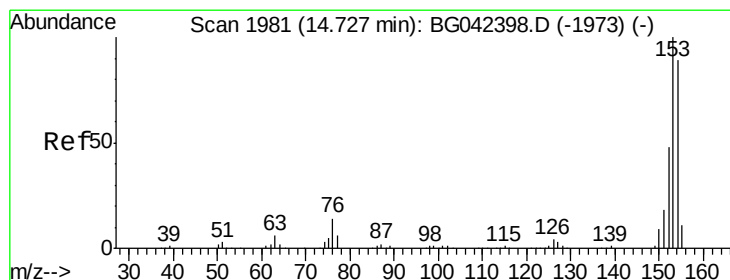
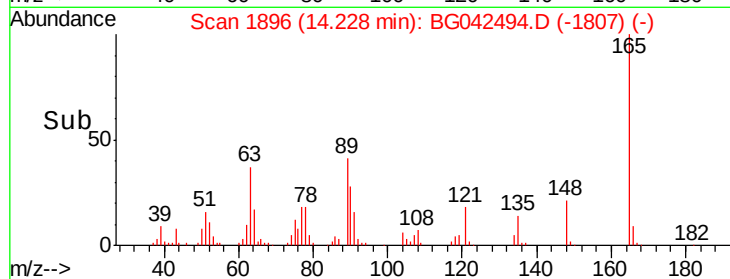
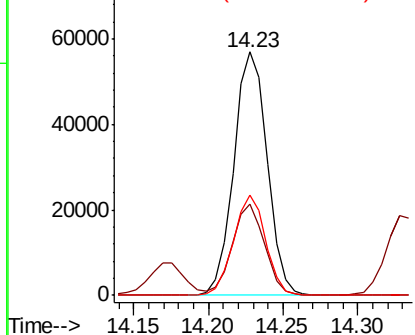
#51
 2,6-Dinitrotoluene
 Concen: 38.102 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tgt Ion:165 Resp: 88443
 Ion Ratio Lower Upper
 165 100
 63 37.3 30.6 45.8
 89 41.2 32.6 49.0

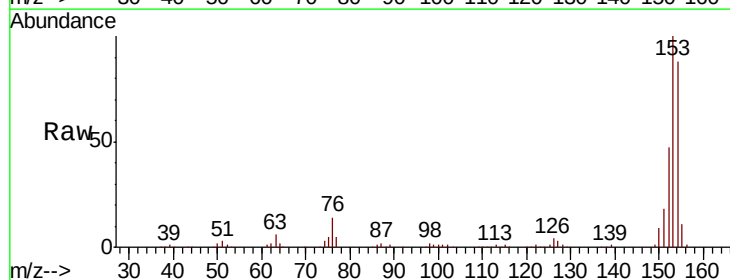


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

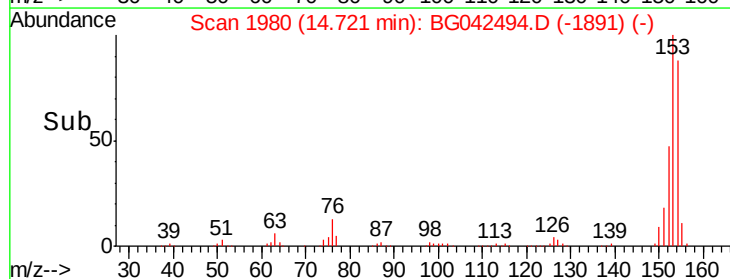
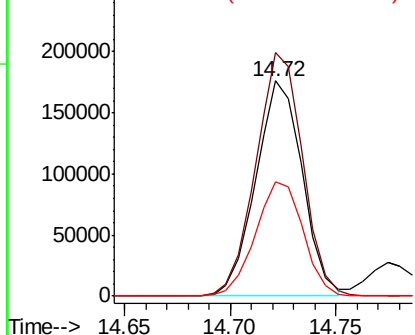


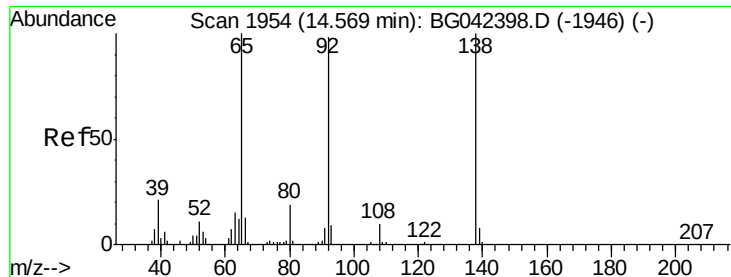
#52
 Acenaphthene
 Concen: 38.275 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion:154 Resp: 270484
 Ion Ratio Lower Upper
 154 100
 153 113.2 90.2 135.4
 152 53.3 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: 27.151 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

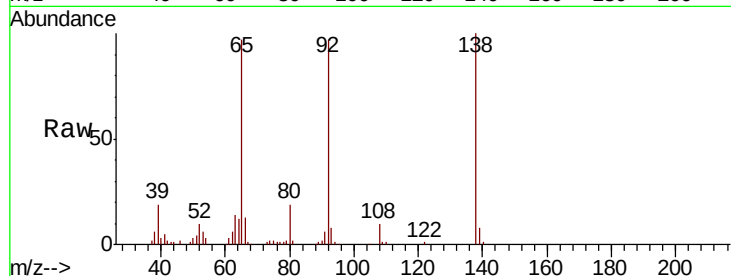
Tgt Ion:138 Resp: 63030

Ion Ratio Lower Upper

138 100

108 9.5 8.3 12.5

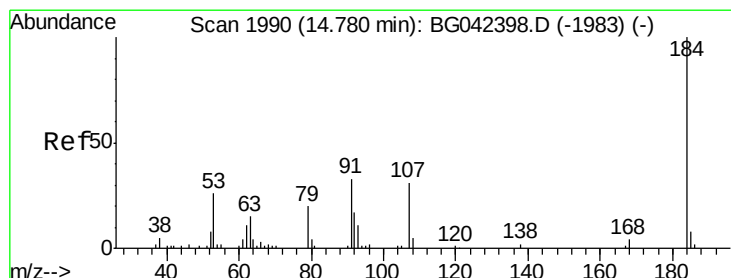
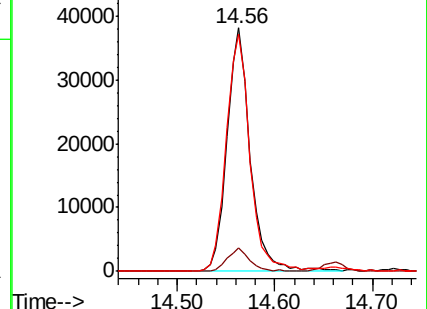
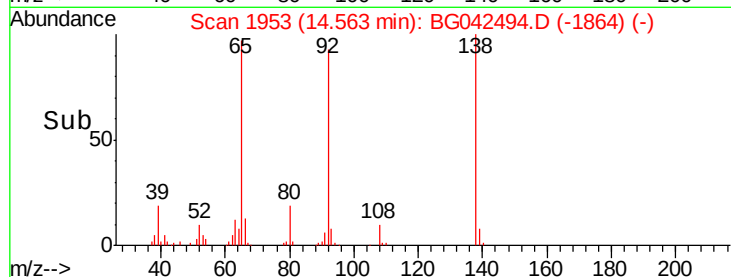
92 97.3 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 61.886 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

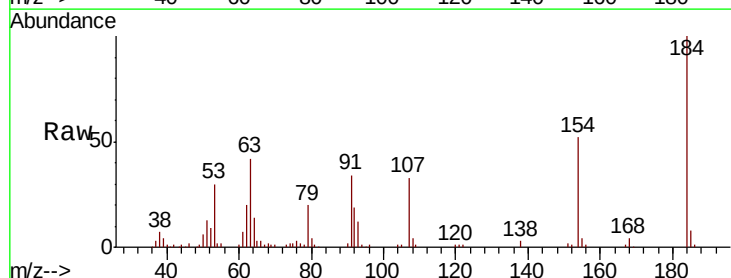
Tgt Ion:184 Resp: 94428

Ion Ratio Lower Upper

184 100

63 42.1 31.7 47.5

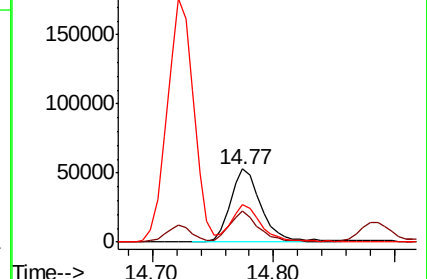
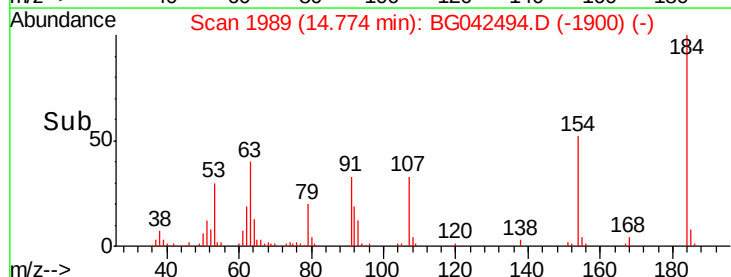
154 51.8 42.0 63.0

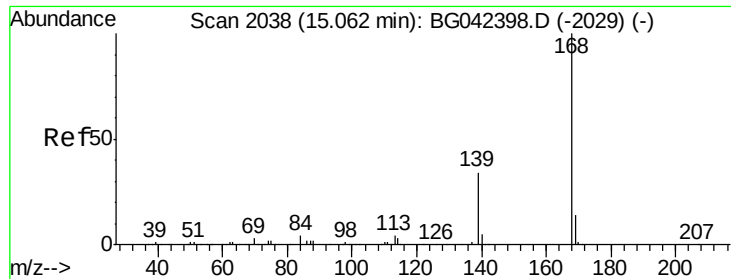


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.294 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

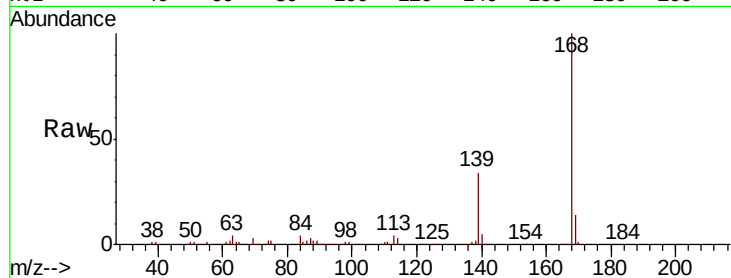
Tgt Ion:168 Resp: 459649

Ion Ratio Lower Upper

168 100

139 34.2 27.2 40.8

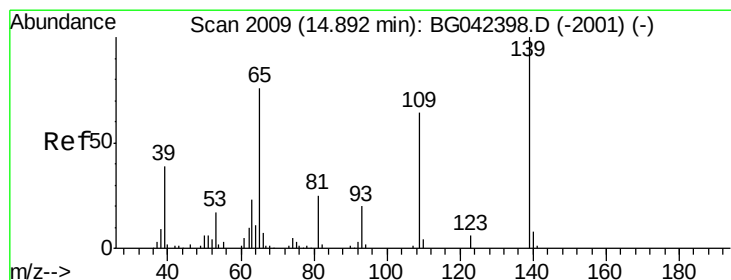
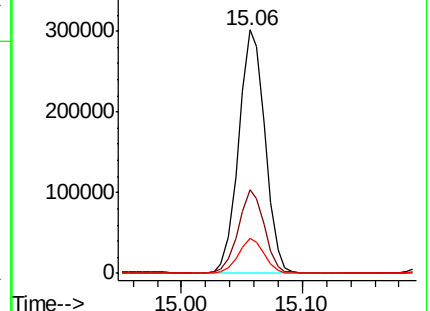
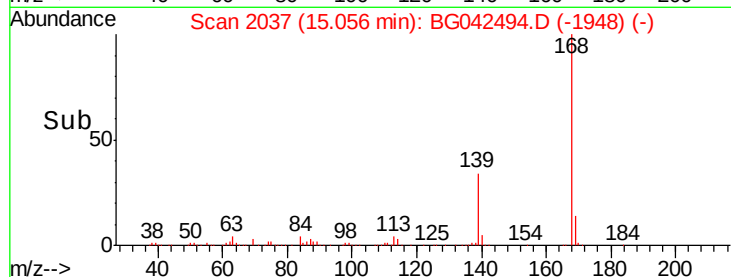
169 14.2 11.5 17.3



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: 80.797 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

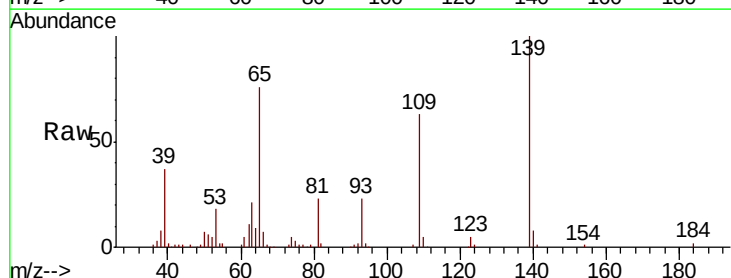
Tgt Ion:139 Resp: 133279

Ion Ratio Lower Upper

139 100

109 62.6 43.9 83.9

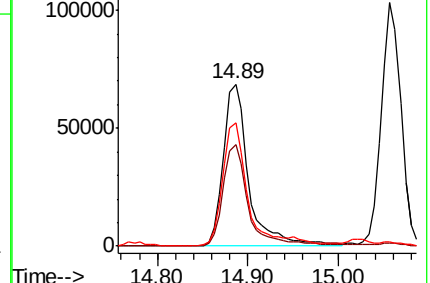
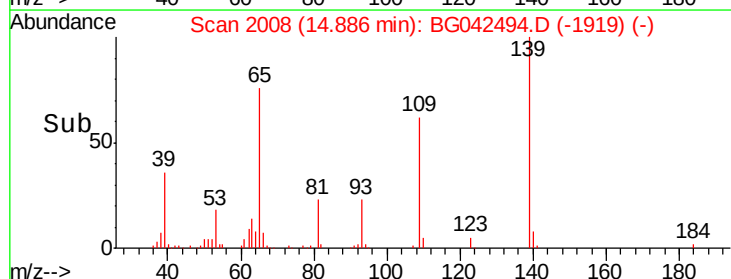
65 76.3 56.3 96.3

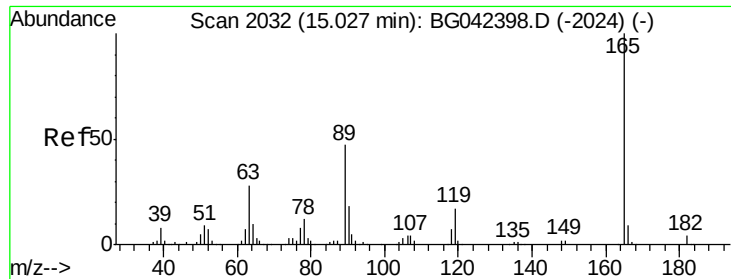


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

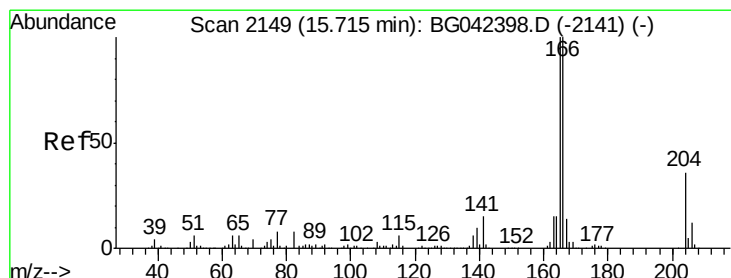
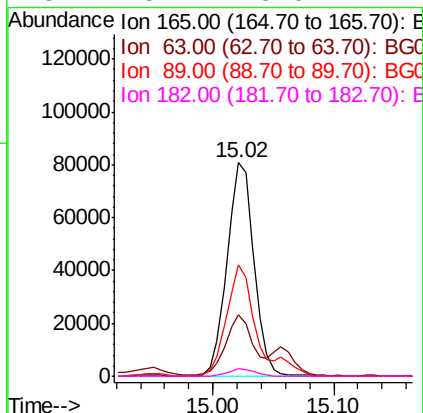
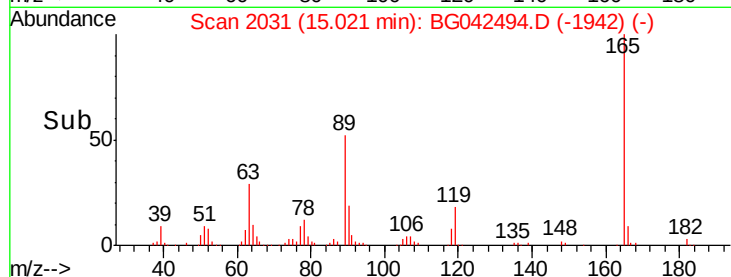
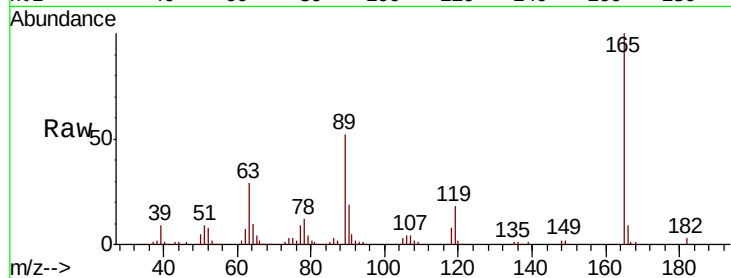




#57
 2,4-Dinitrotoluene
 Concen: 37.630 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

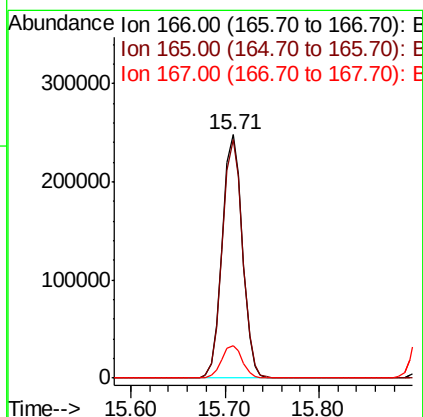
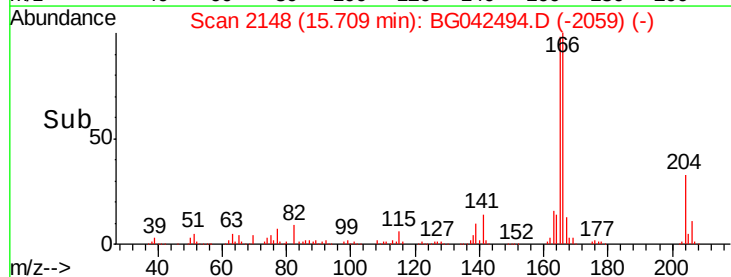
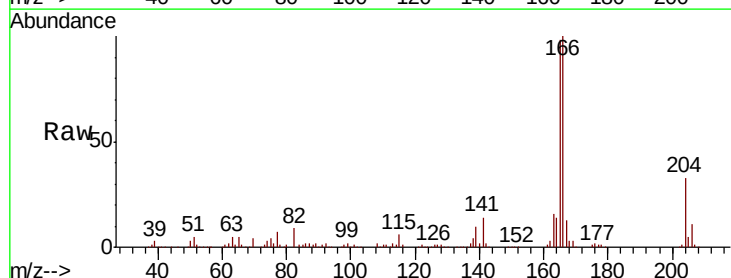
Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

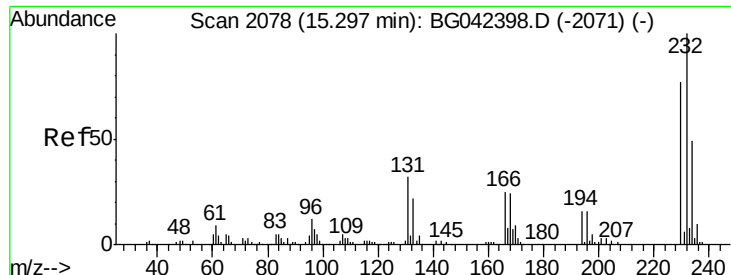
Tgt Ion:	165	Resp:	125081
Ion	Ratio	Lower	Upper
165	100		
63	29.0	22.5	33.7
89	52.2	37.8	56.6
182	3.4	3.0	4.4



#58
 Fluorene
 Concen: 38.912 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion:	166	Resp:	372089
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.7	119.5
167	13.5	10.9	16.3

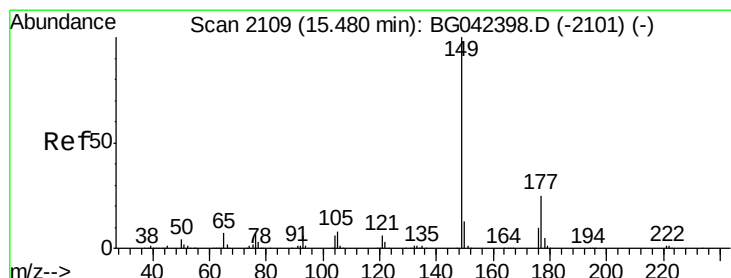
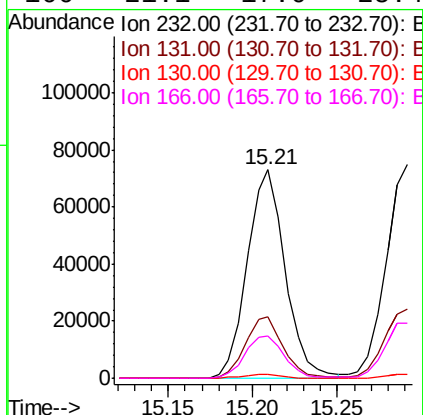
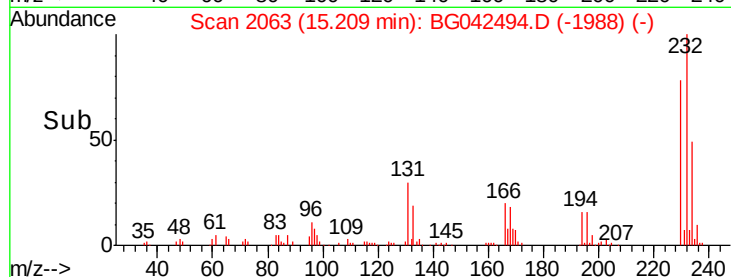
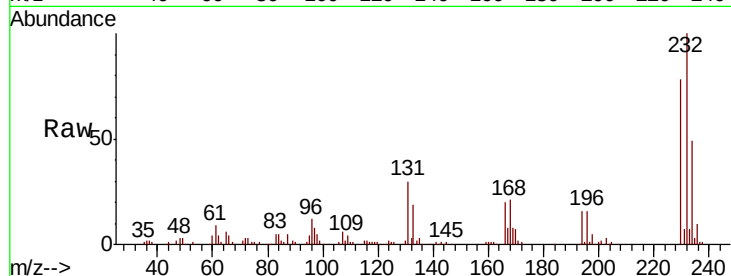




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.900 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

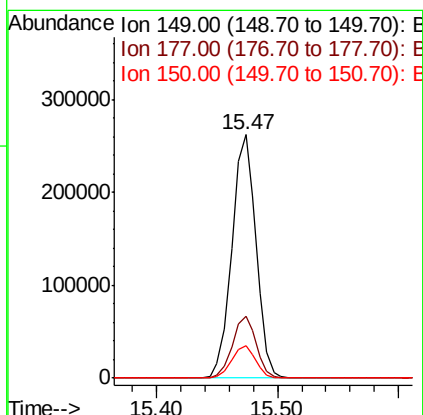
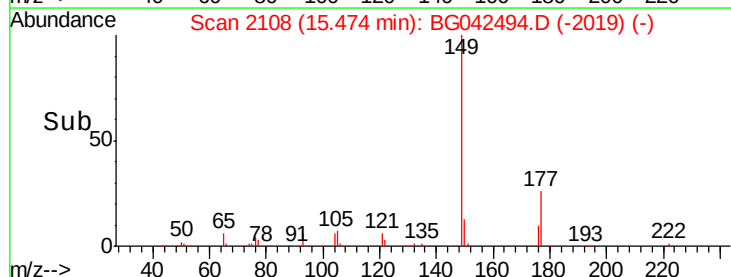
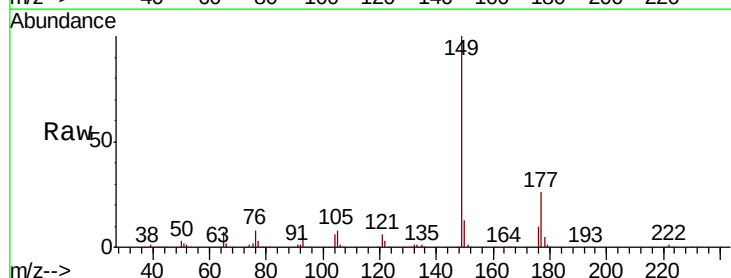
Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

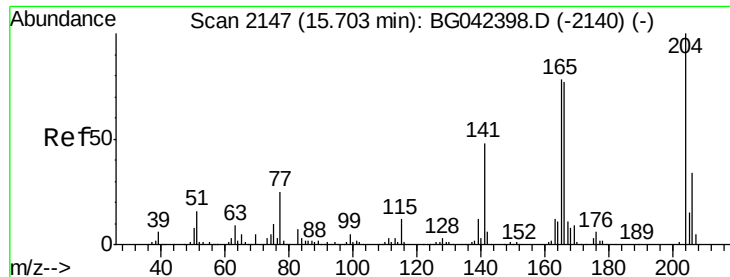
Tgt Ion:	232	Resp:	113924
Ion	Ratio	Lower	Upper
232	100		
131	29.4	22.9	34.3
130	1.7	1.4	2.0
166	21.1	17.0	25.4



#60
 Diethylphthalate
 Concen: 37.147 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion:	149	Resp:	363651
Ion	Ratio	Lower	Upper
149	100		
177	25.6	20.4	30.6
150	13.3	10.3	15.5

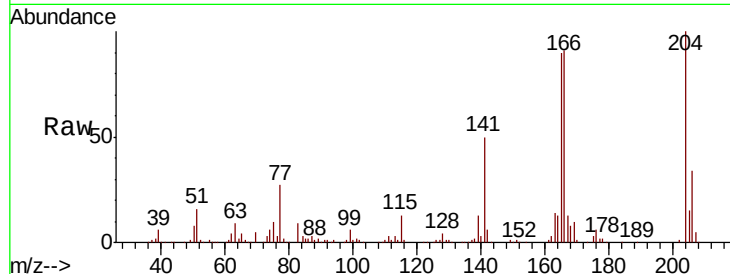




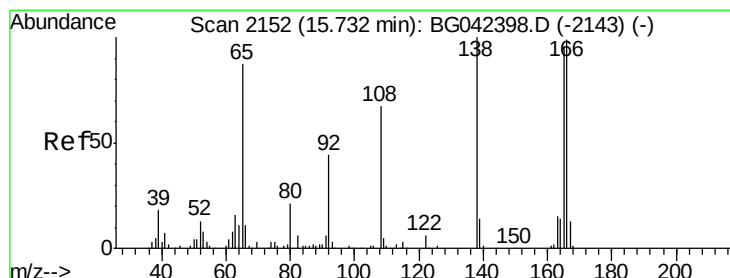
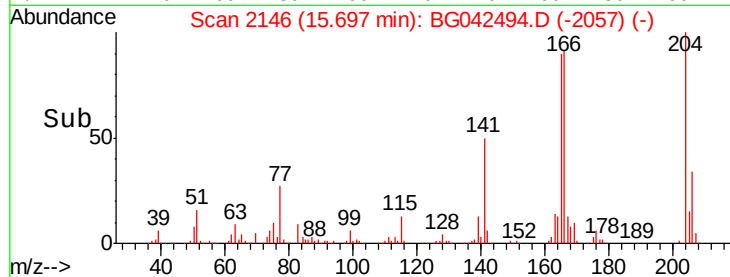
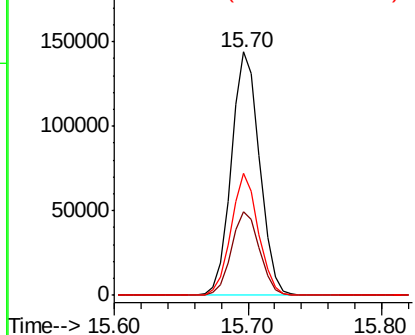
#61
 4-Chlorophenyl-phenylether
 Concen: 36.760 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tgt Ion:204 Resp: 211897
 Ion Ratio Lower Upper
 204 100
 206 34.3 27.2 40.8
 141 50.4 38.7 58.1

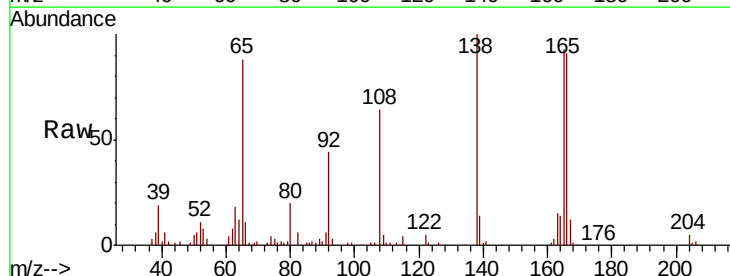


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

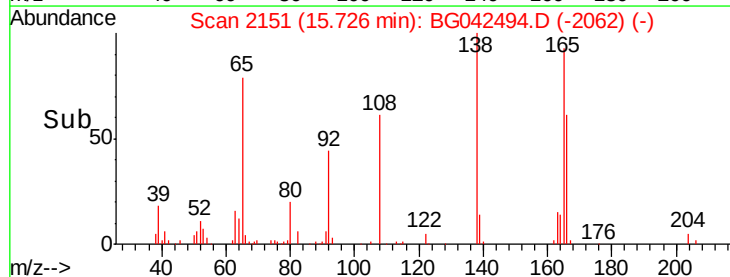
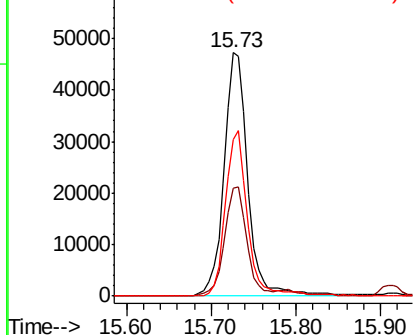


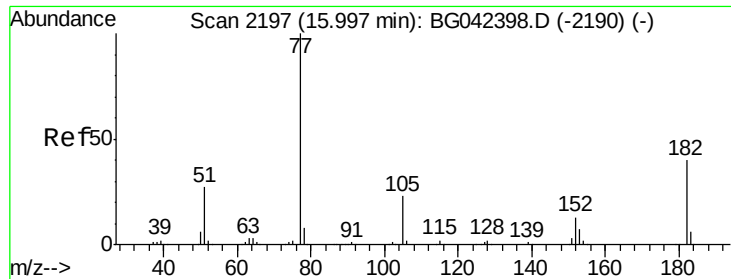
#62
 4-Nitroaniline
 Concen: 36.681 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion:138 Resp: 91135
 Ion Ratio Lower Upper
 138 100
 92 44.4 24.2 64.2
 108 64.5 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

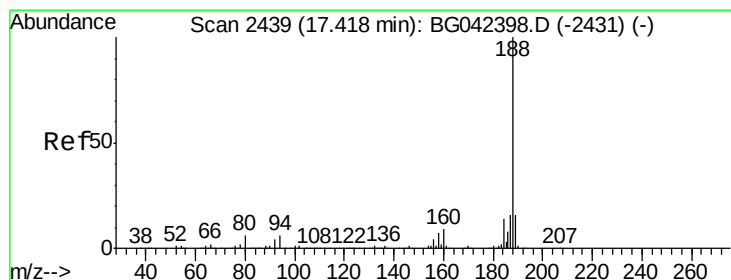
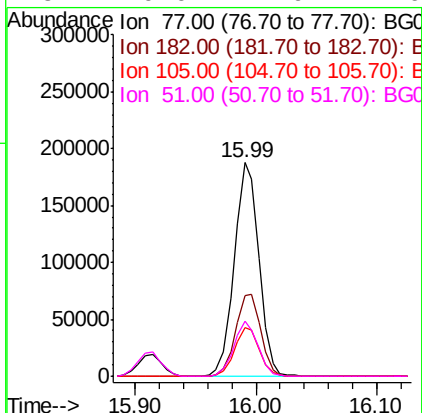
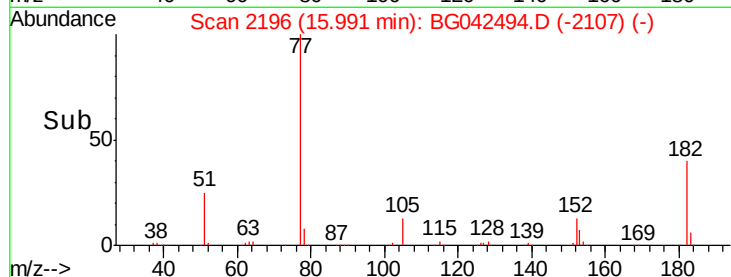
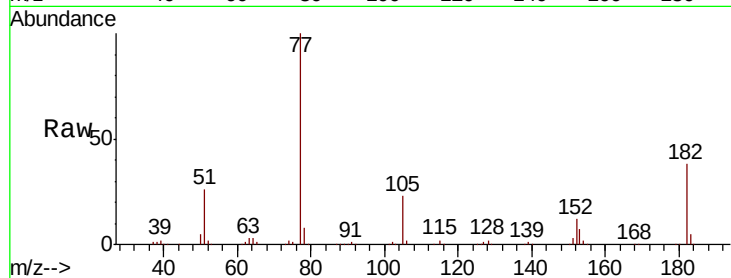




#63
Azobenzene
Concen: 39.508 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

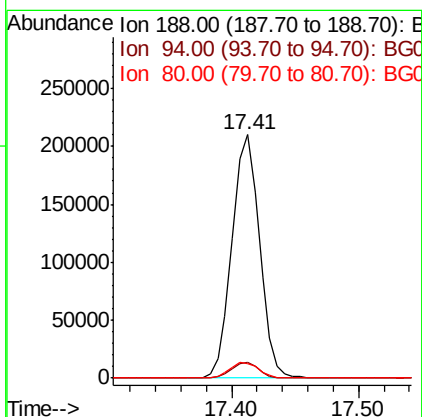
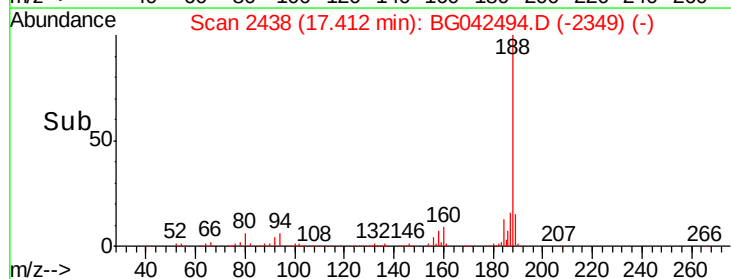
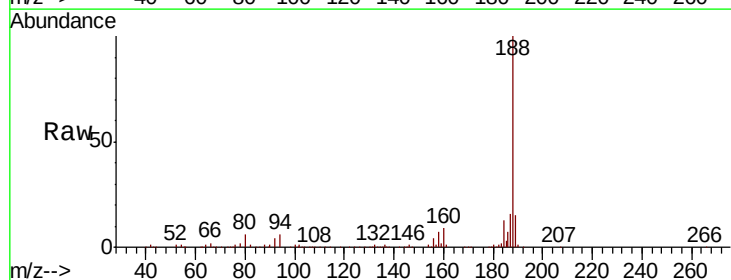
Instrument :
BNA_G
ClientSampleId :
PB122218BS

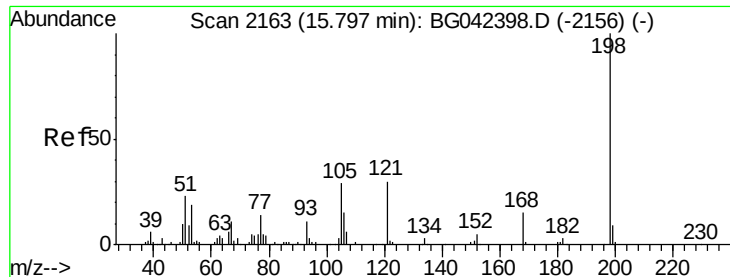
Tgt Ion	Ratio	Lower	Upper
77	100		
182	37.7	19.9	59.9
105	22.8	2.9	42.9
51	26.0	7.6	47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.5	6.7
80	6.2	4.9	7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 40.378 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

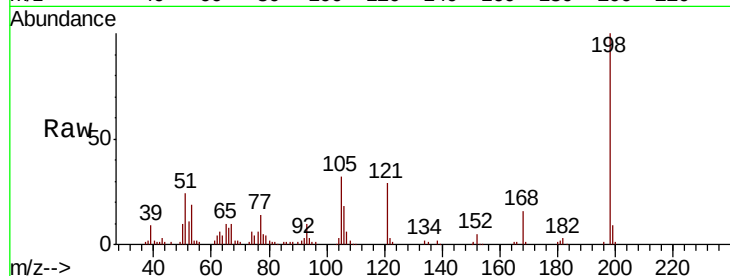
Tgt Ion:198 Resp: 79919

Ion Ratio Lower Upper

198 100

51 23.8 4.2 44.2

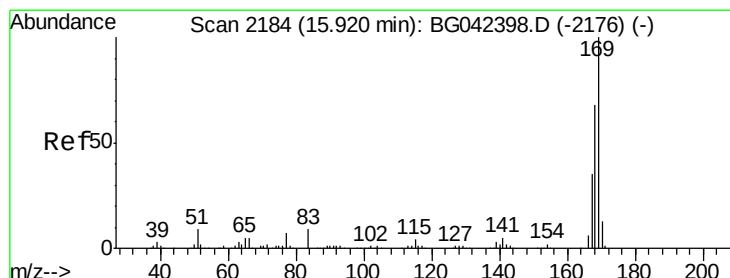
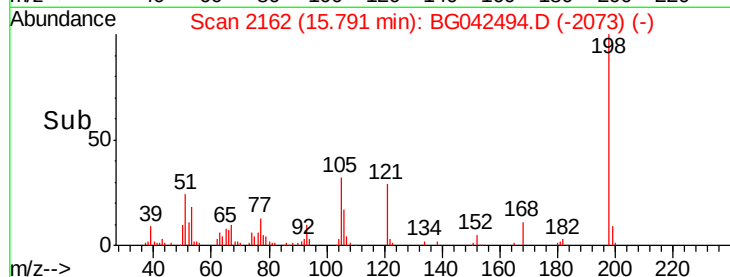
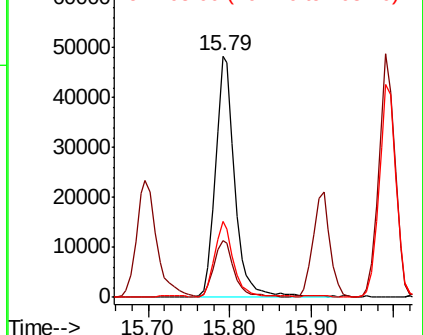
105 31.5 8.8 48.8



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: 39.432 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

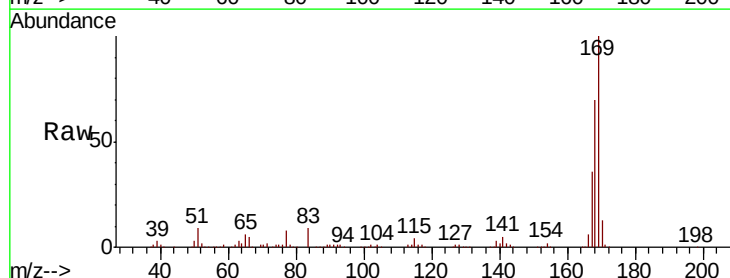
Tgt Ion:169 Resp: 342340

Ion Ratio Lower Upper

169 100

168 69.9 54.3 81.5

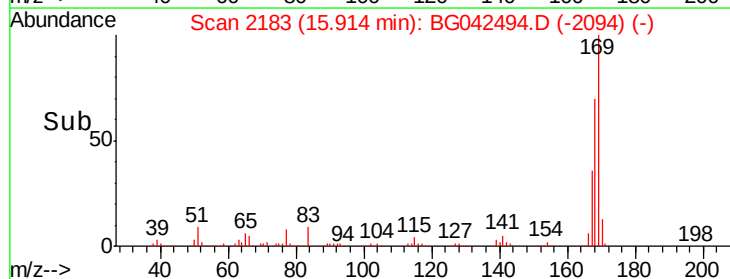
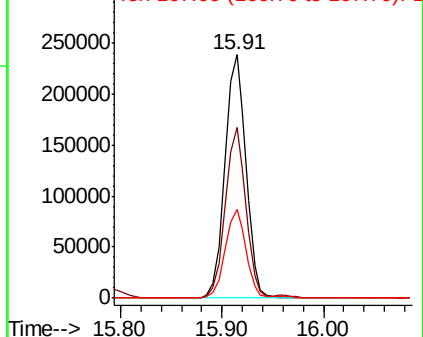
167 36.4 28.2 42.2

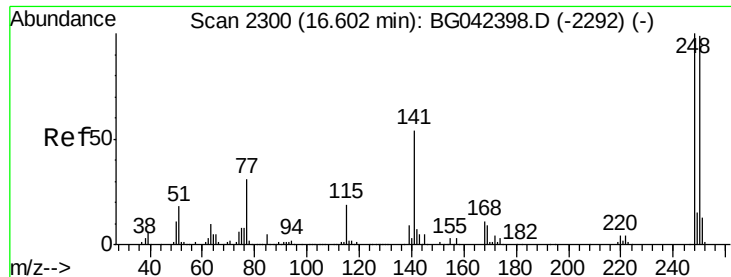


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

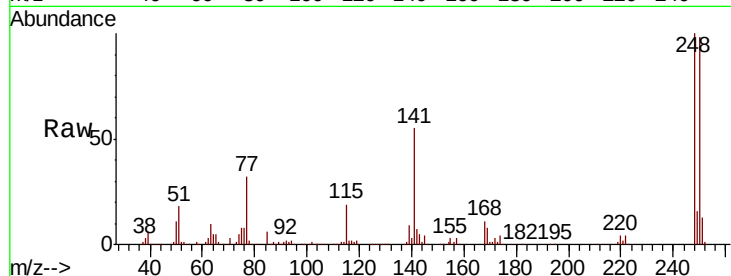




#67
 4-Bromophenyl-phenylether
 Concen: 35.996 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.9	118.3
141	55.0	43.3	64.9

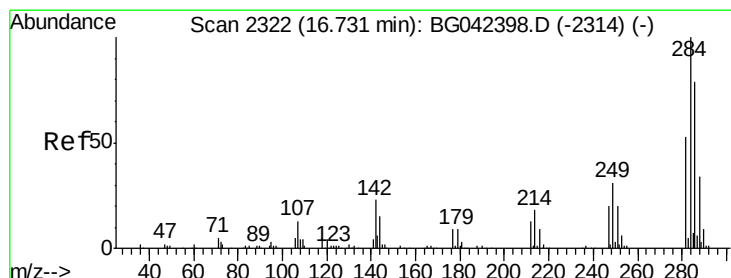
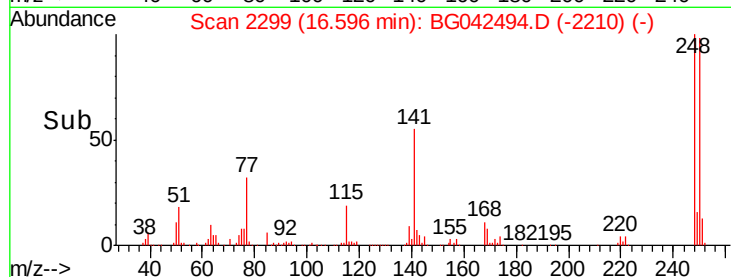
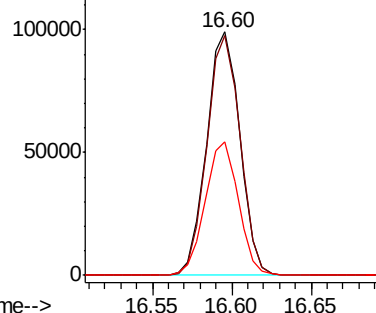


Abundance

Ion 248.00 (247.70 to 248.70): E

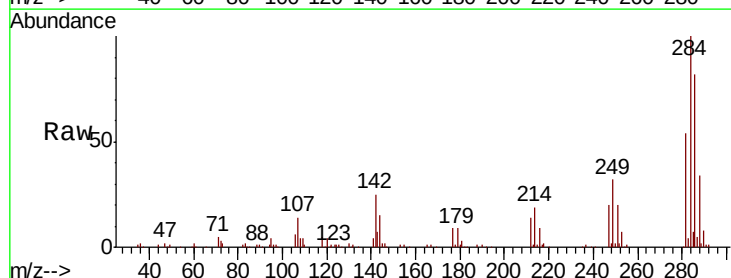
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.608 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.7	18.2	27.4
249	31.6	25.0	37.4

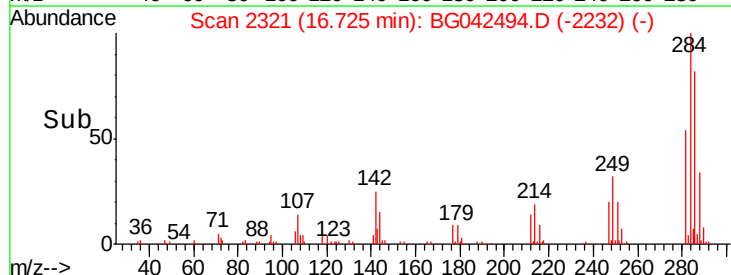
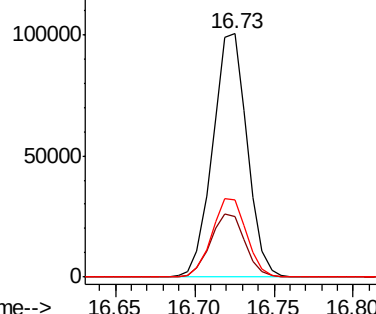


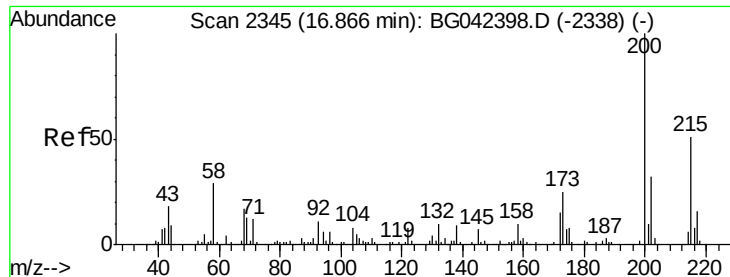
Abundance

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: 40.561 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

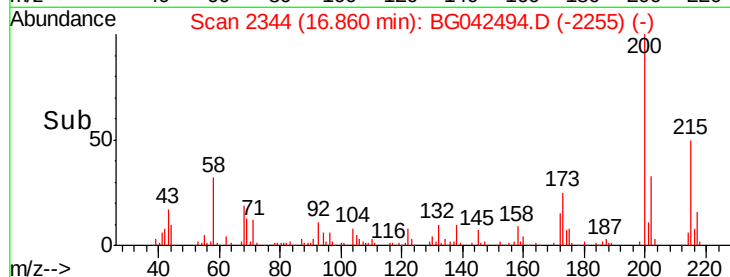
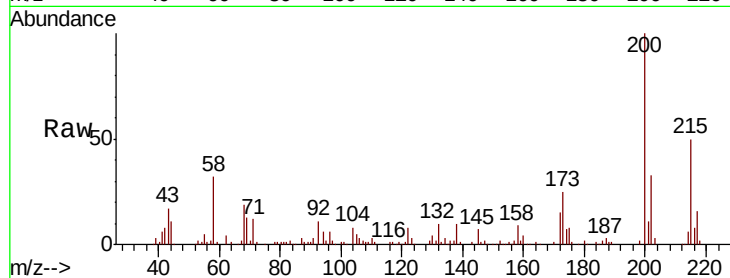
Tgt Ion:200 Resp: 124529

Ion Ratio Lower Upper

200 100

173 24.7 4.9 44.9

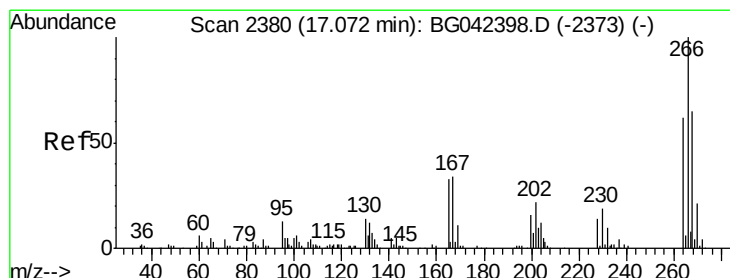
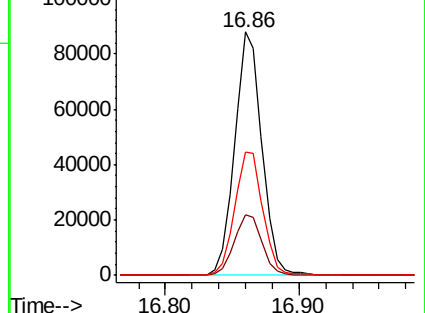
215 50.5 30.7 70.7



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: 77.230 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

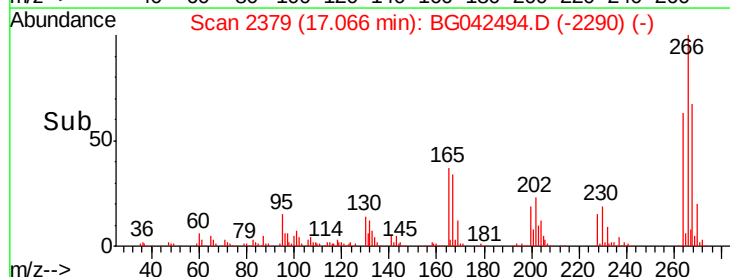
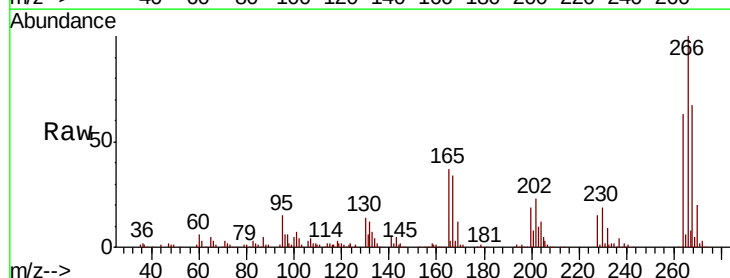
Tgt Ion:266 Resp: 174675

Ion Ratio Lower Upper

266 100

268 66.8 52.1 78.1

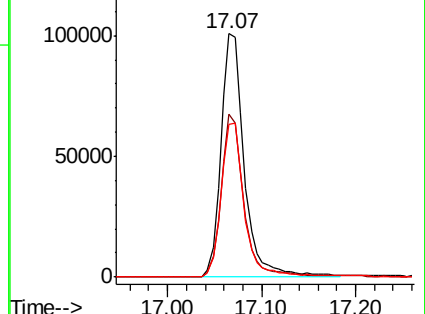
264 62.8 49.4 74.2

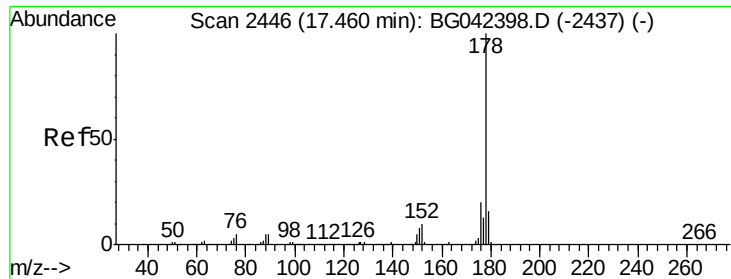


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

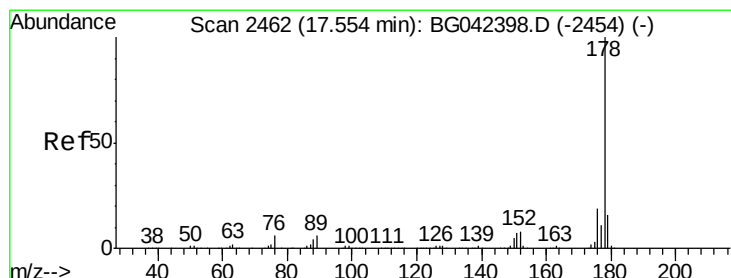
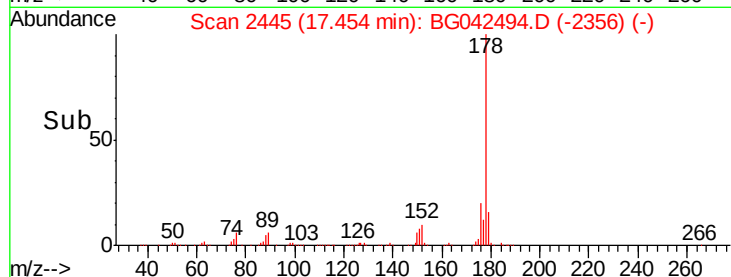
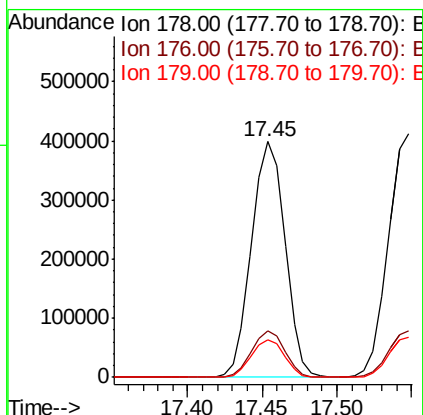
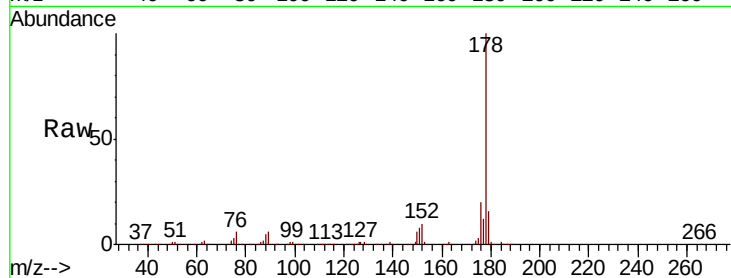




#71
Phenanthrene
Concen: 39.602 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

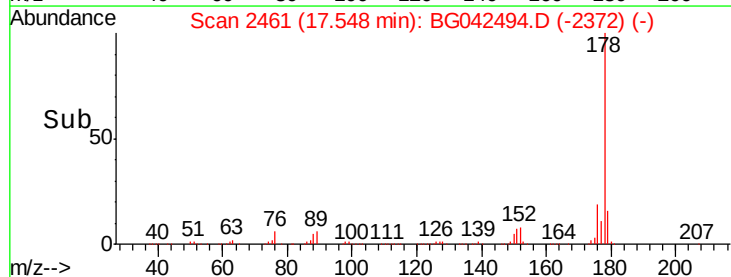
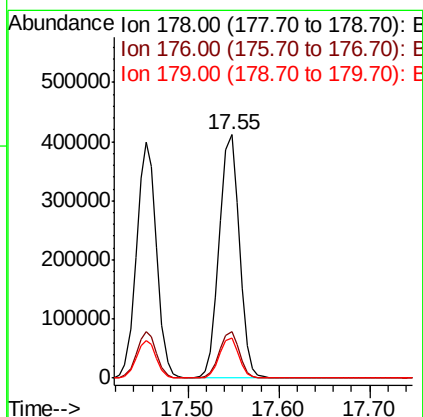
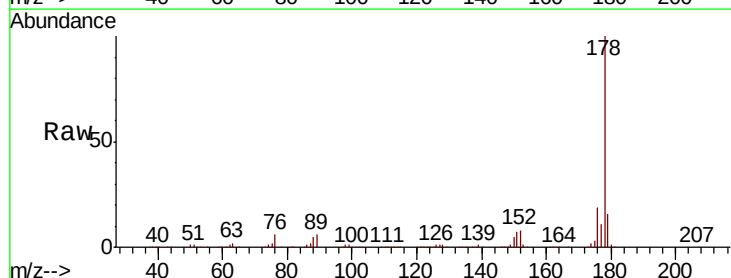
Instrument :
BNA_G
ClientSampleId :
PB122218BS

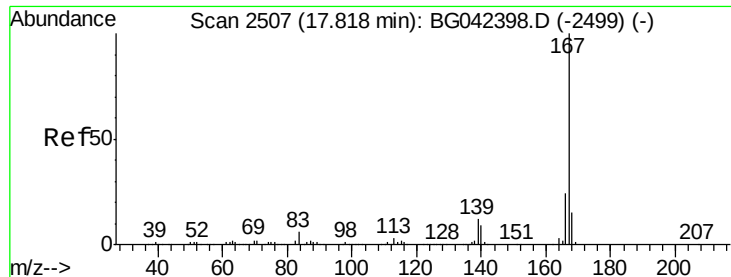
Tgt Ion:178 Resp: 621003
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.1 12.7 19.1



#72
Anthracene
Concen: 40.365 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion:178 Resp: 631890
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.4 12.9 19.3





#73

Carbazole

Concen: 40.447 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

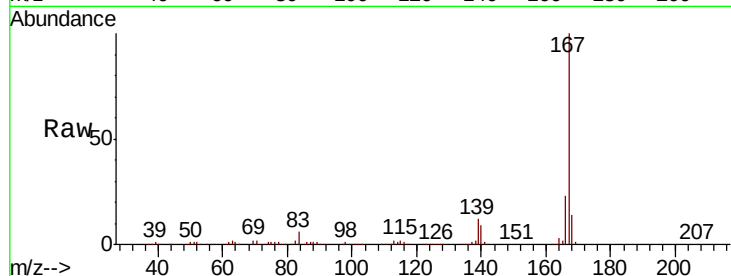
Tgt Ion:167 Resp: 564301

Ion Ratio Lower Upper

167 100

166 22.8 18.9 28.3

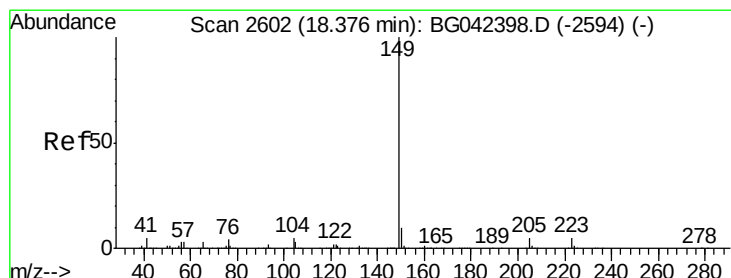
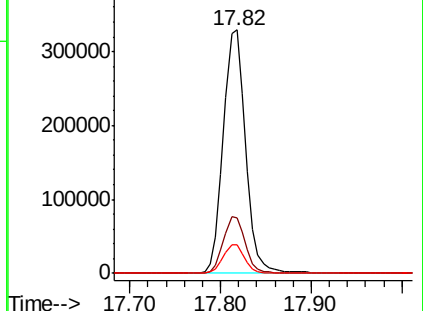
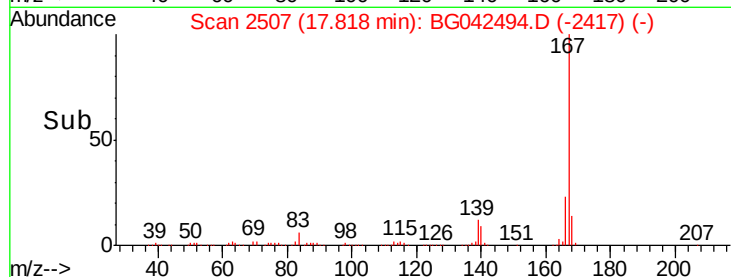
139 11.6 9.8 14.6



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: 40.238 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

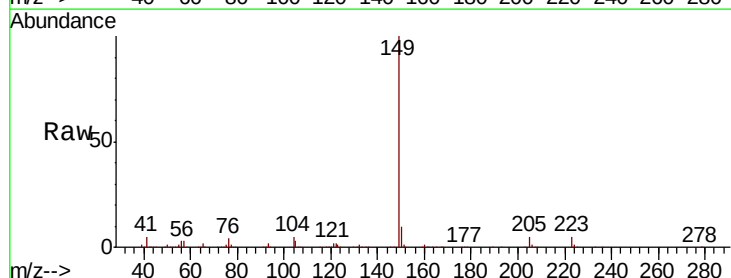
Tgt Ion:149 Resp: 663618

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

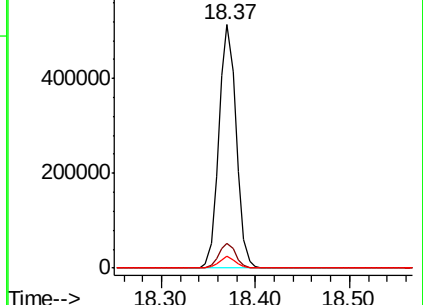
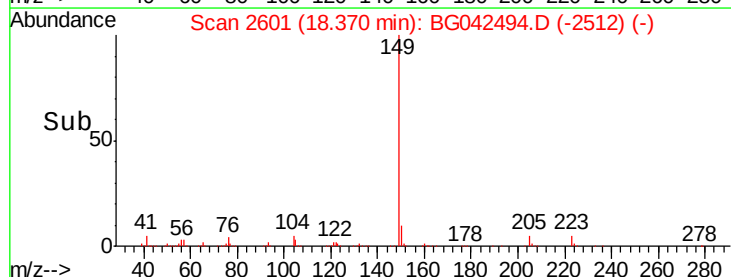
104 4.7 3.7 5.5

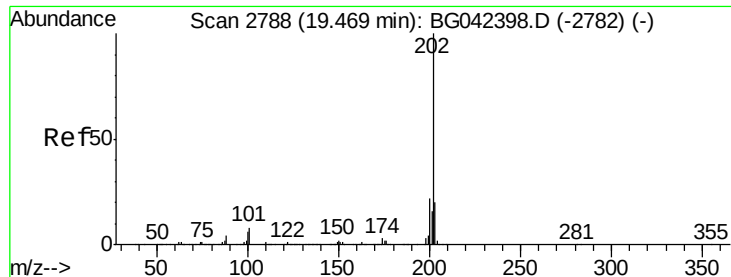


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.536 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

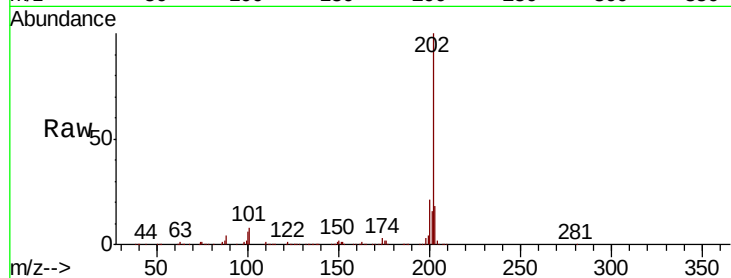
Instrument :

BNA_G

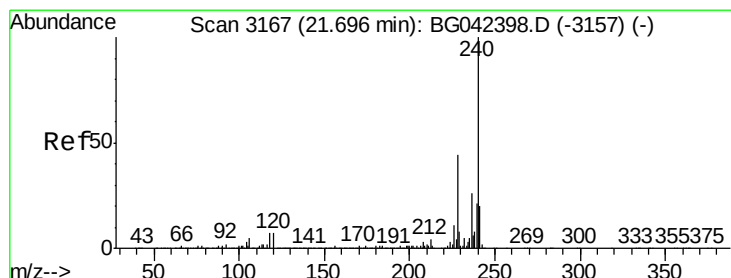
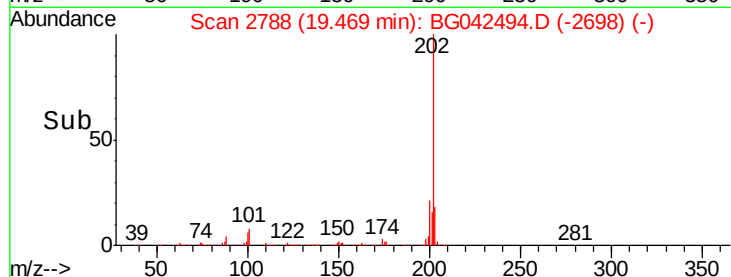
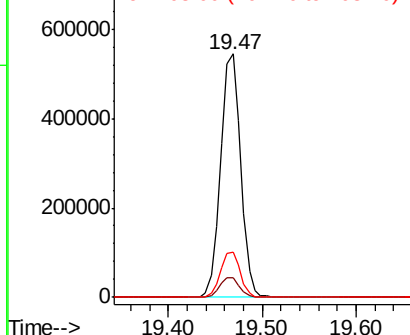
ClientSampleId :

PB122218BS

Tgt Ion:	202	Resp:	814040
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.3
203	18.4	0.0	39.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

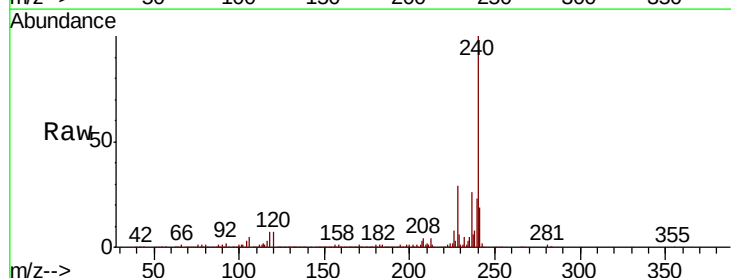
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

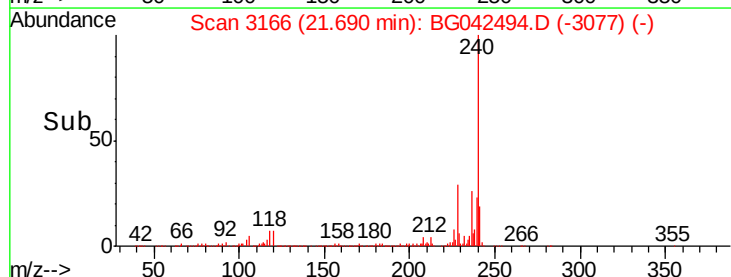
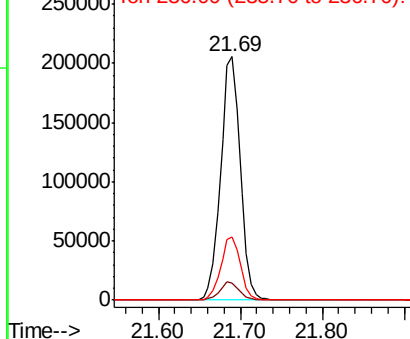
Lab File: BG042494.D

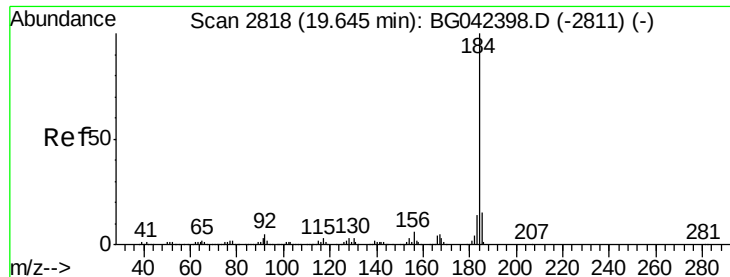
Acq: 26 Aug 2019 11:12

Tgt Ion:	240	Resp:	343447
Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	25.9	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.462 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

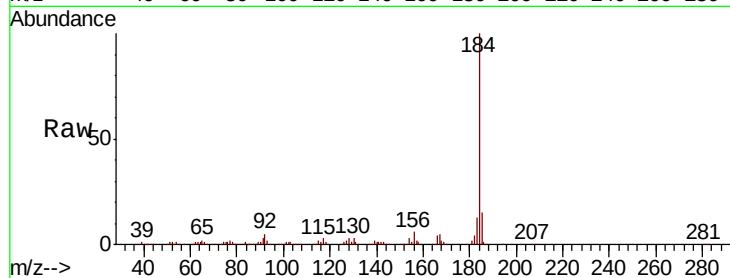
Tgt Ion:184 Resp: 349188

Ion Ratio Lower Upper

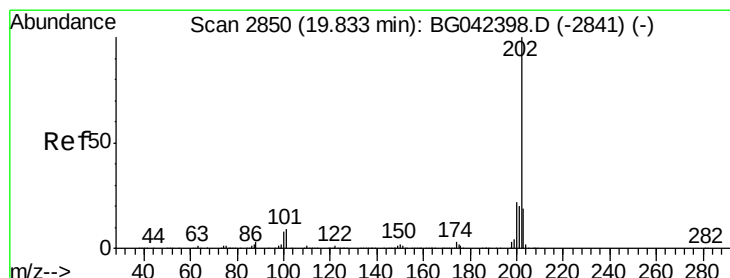
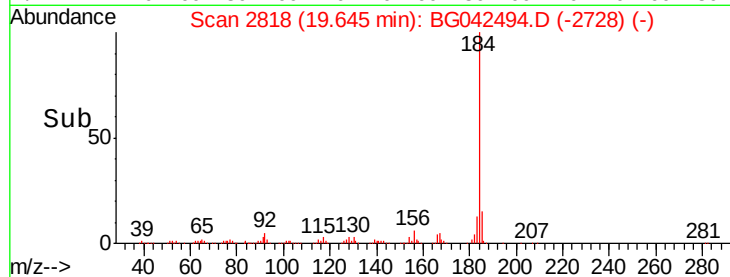
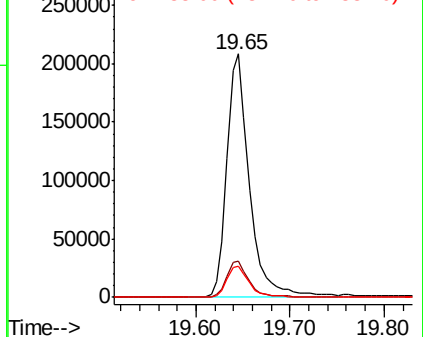
184 100

185 15.1 12.2 18.4

183 13.0 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: 39.018 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

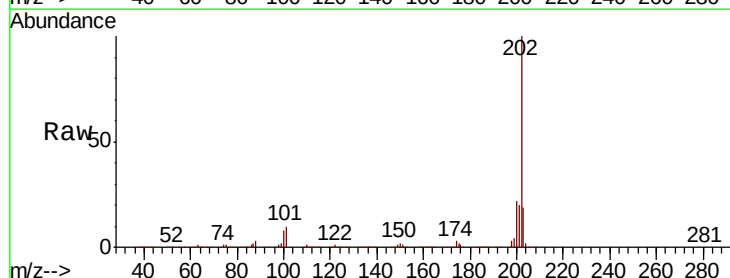
Tgt Ion:202 Resp: 821581

Ion Ratio Lower Upper

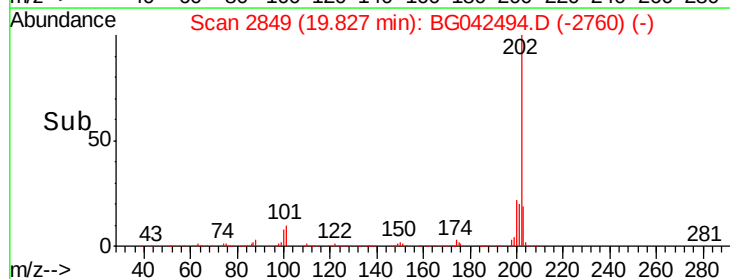
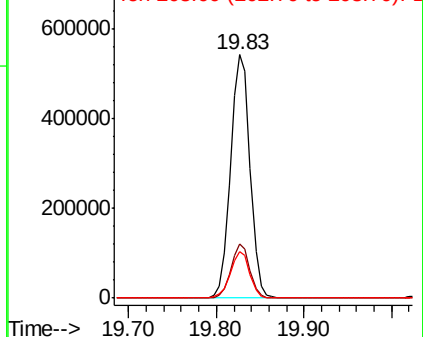
202 100

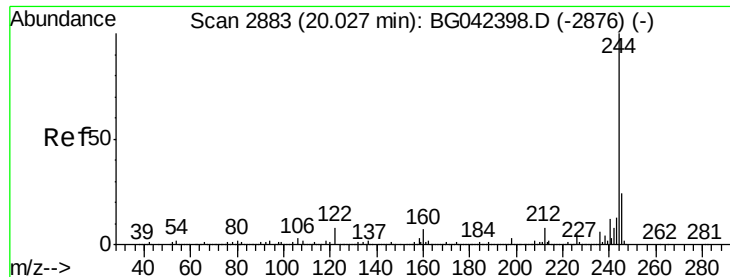
200 22.4 17.8 26.6

203 19.1 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: 62.702 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

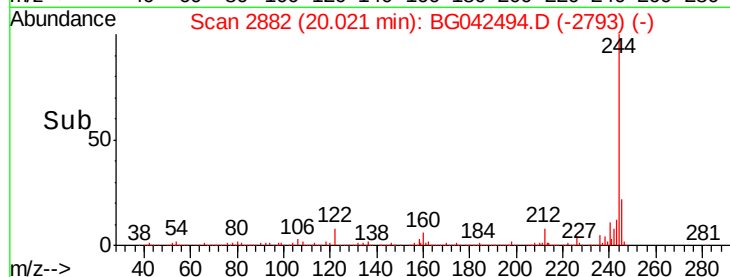
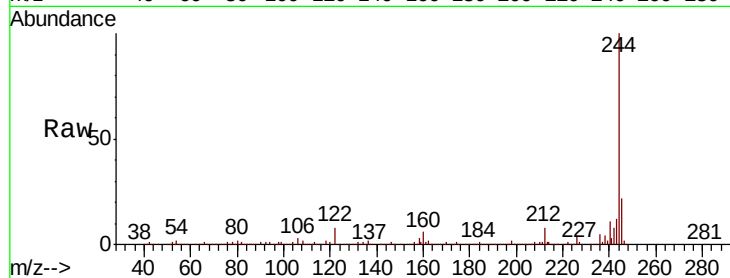
Tgt Ion:244 Resp: 996103

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

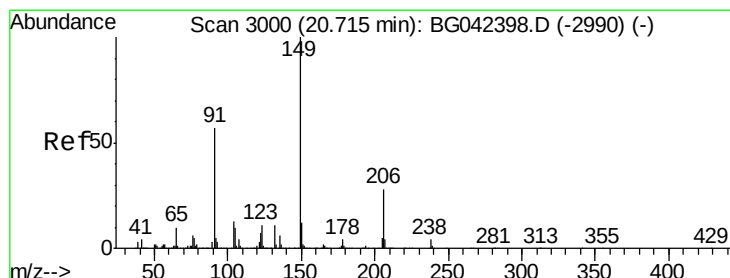
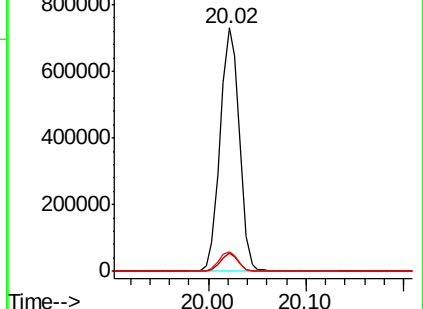
122 8.3 6.7 10.1



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: 38.957 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

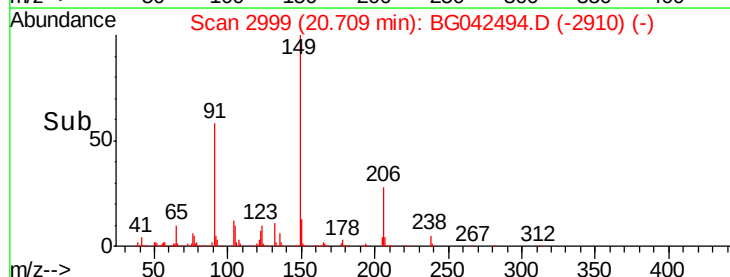
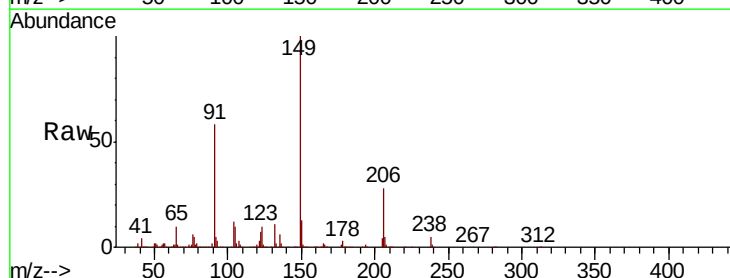
Tgt Ion:149 Resp: 322643

Ion Ratio Lower Upper

149 100

91 58.5 45.9 68.9

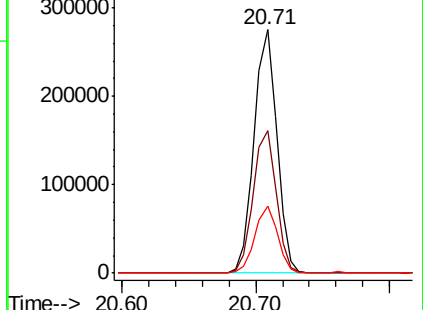
206 27.6 22.5 33.7

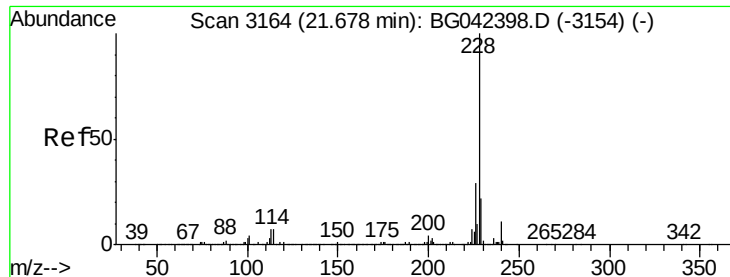


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

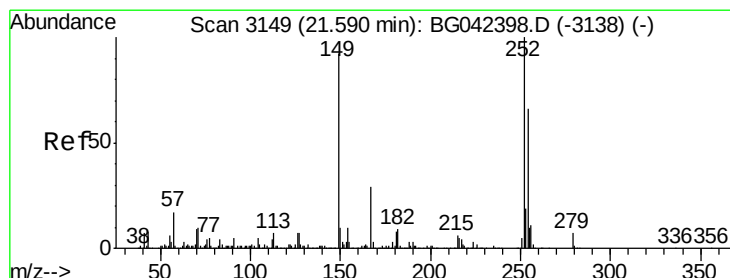
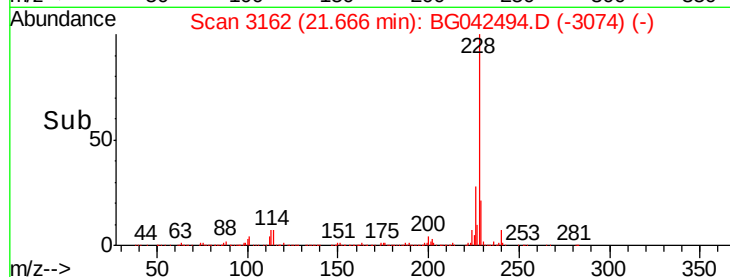
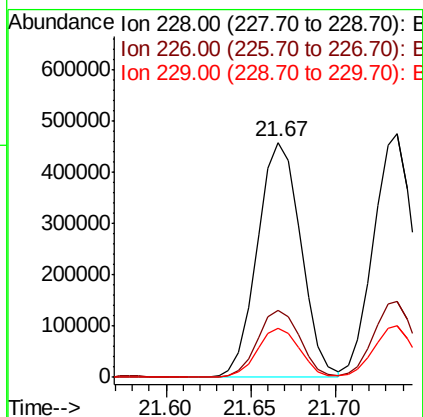
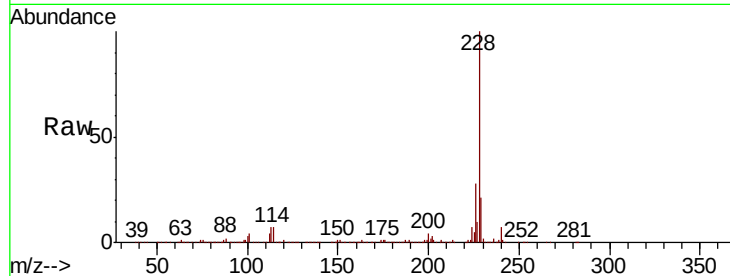




#81
Benzo(a)anthracene
Concen: 38.901 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

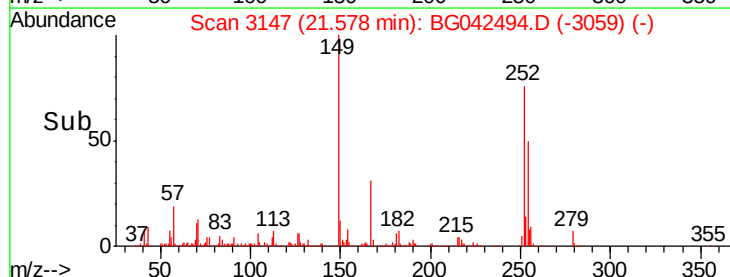
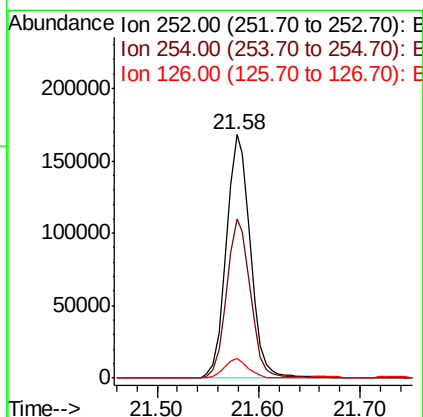
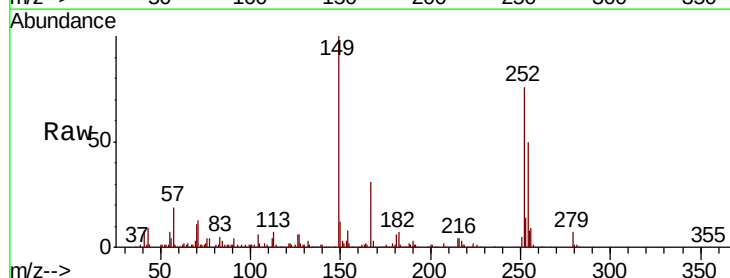
Instrument :
BNA_G
ClientSampleId :
PB122218BS

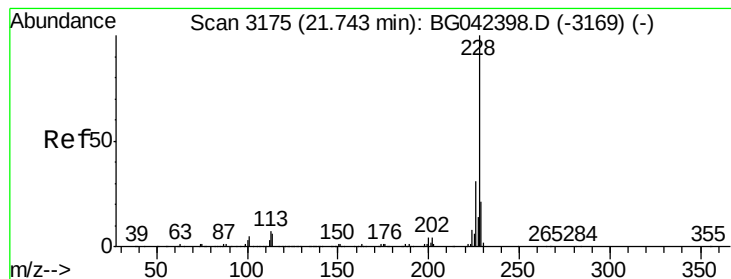
Tgt Ion: 228 Resp: 812732
Ion Ratio Lower Upper
228 100
226 28.4 23.4 35.2
229 20.6 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 32.913 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion: 252 Resp: 276552
Ion Ratio Lower Upper
252 100
254 65.3 53.0 79.4
126 8.1 5.7 8.5





#83

Chrysene

Concen: 38.936 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

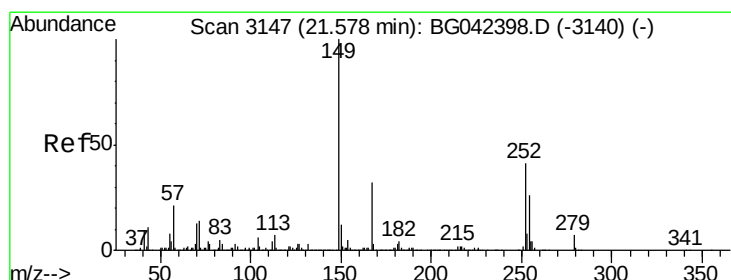
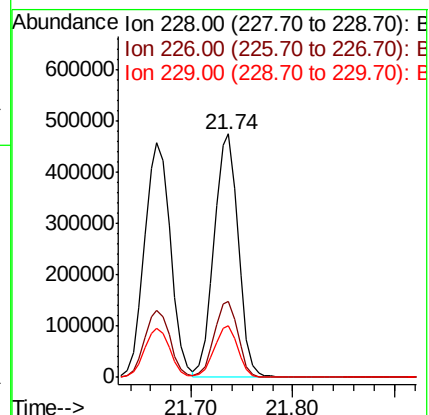
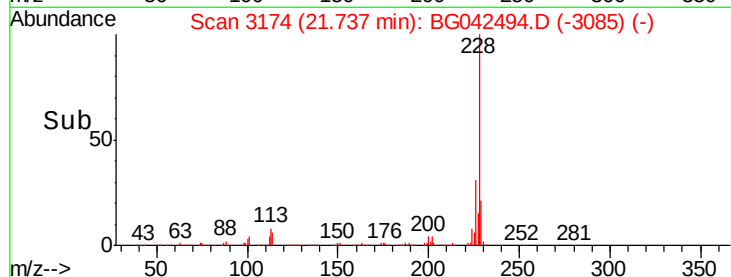
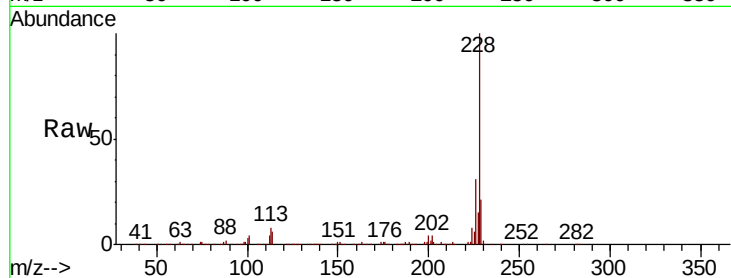
Tgt Ion:228 Resp: 784524

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: 40.034 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

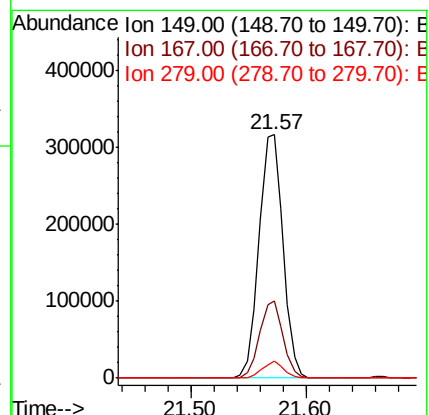
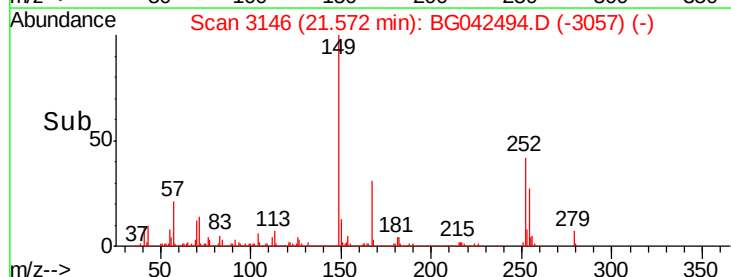
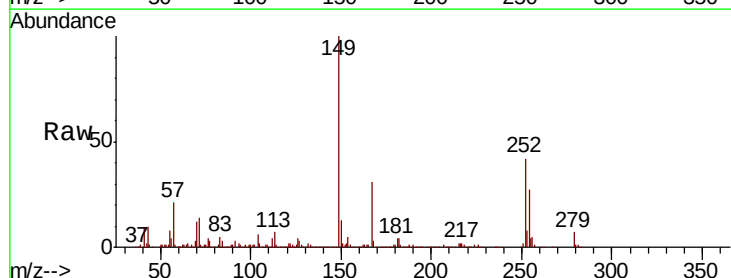
Tgt Ion:149 Resp: 460359

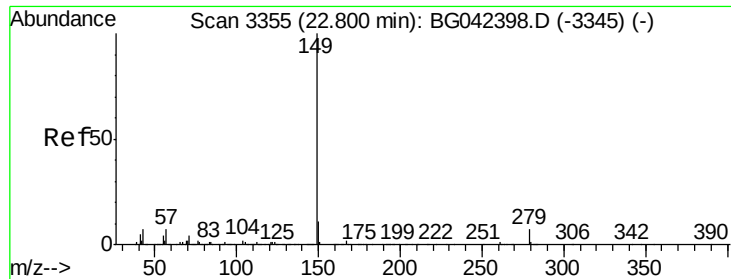
Ion Ratio Lower Upper

149 100

167 31.5 26.0 39.0

279 6.8 5.4 8.0

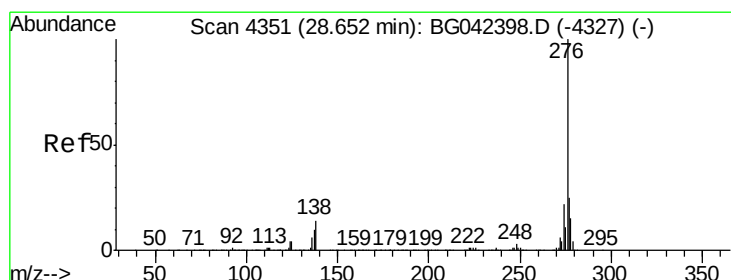
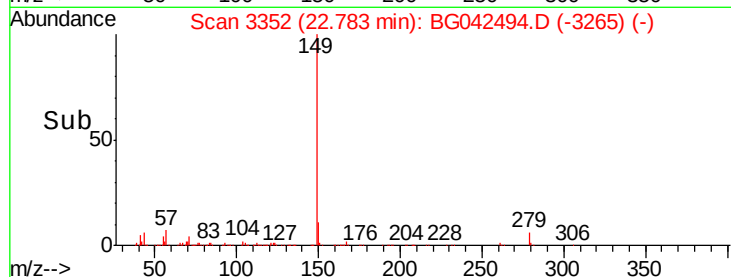
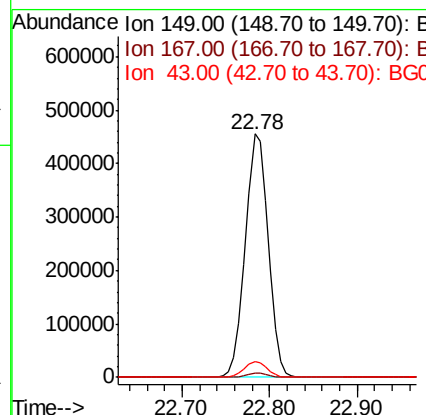
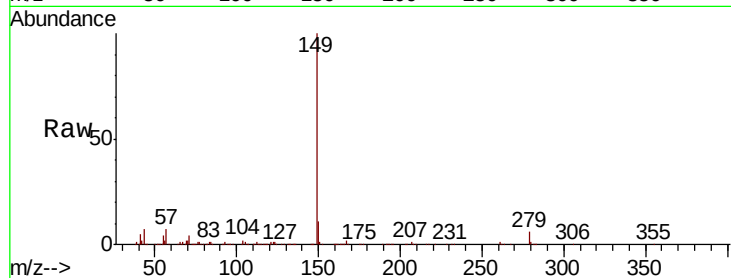




#85
Di-n-octyl phthalate
Concen: 40.482 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

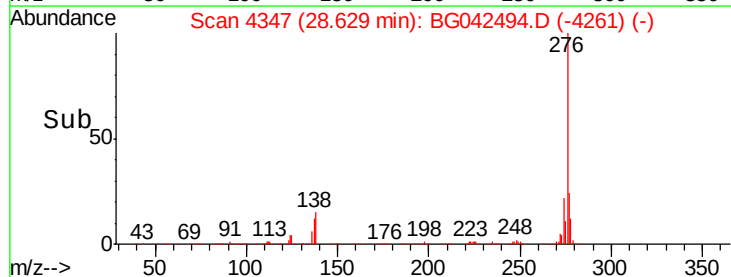
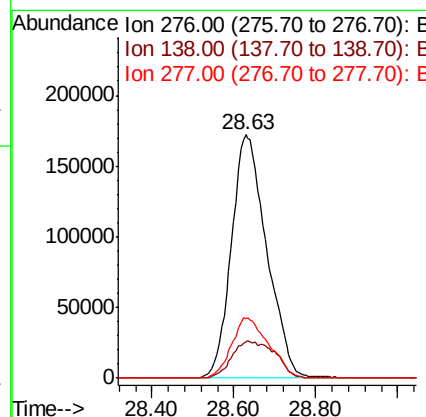
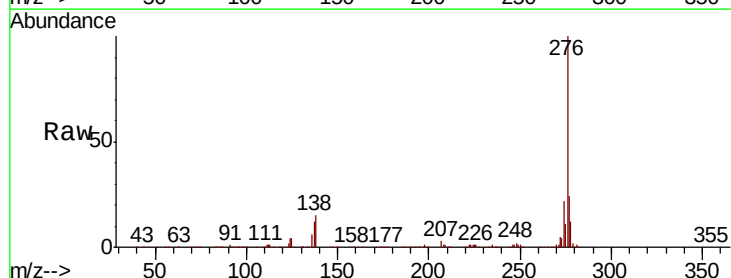
Instrument :
BNA_G
ClientSampleId :
PB122218BS

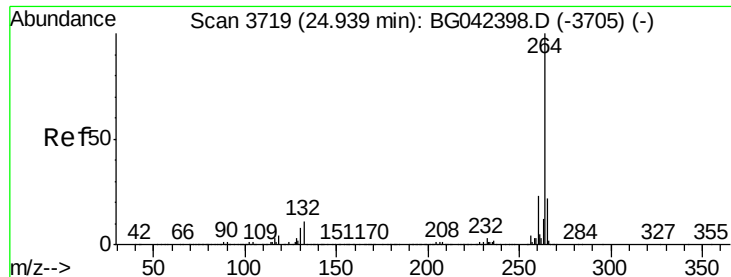
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.3	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.644 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	9.2	13.8#
277	26.1	21.0	31.6

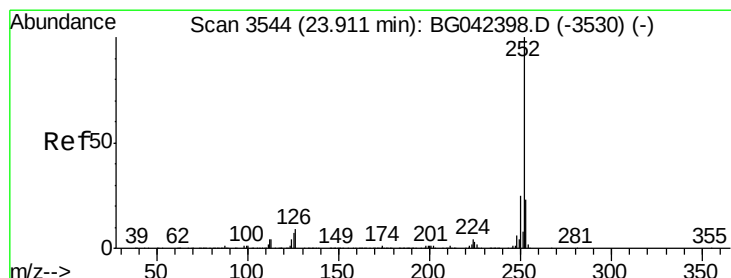
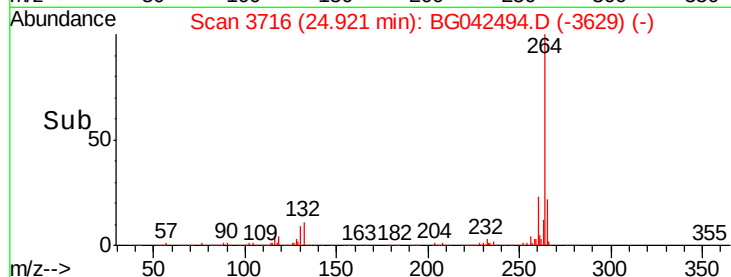
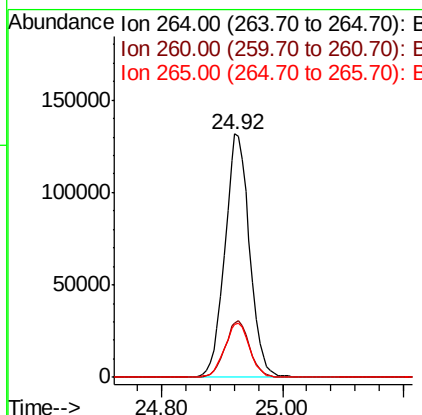
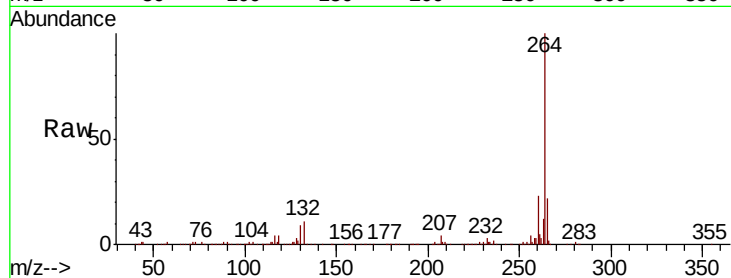




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

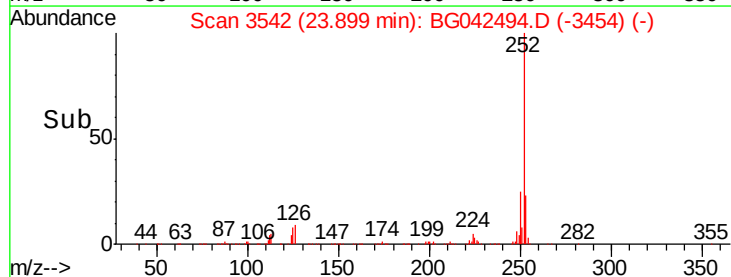
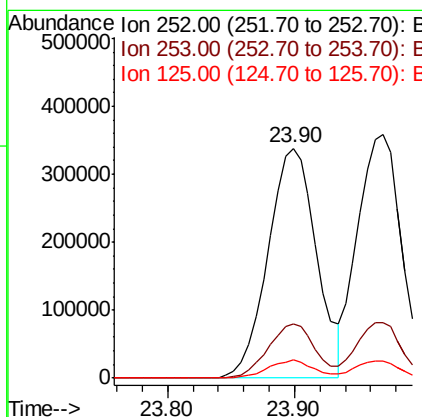
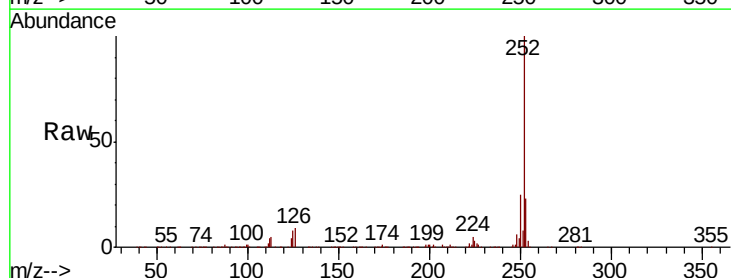
Instrument :
BNA_G
ClientSampleId :
PB122218BS

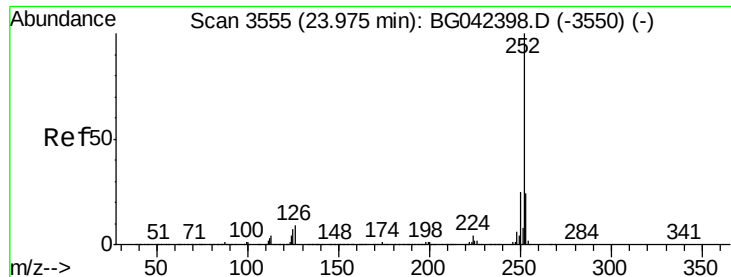
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.8	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 43.826 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	7.7	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 43.563 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

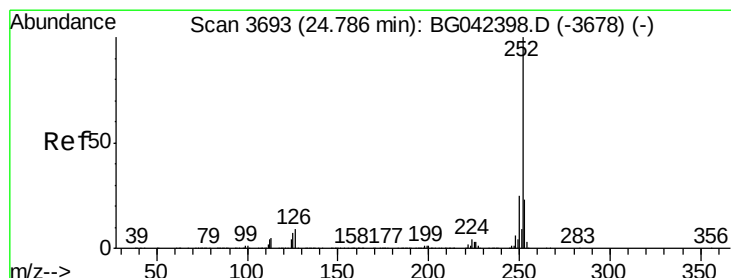
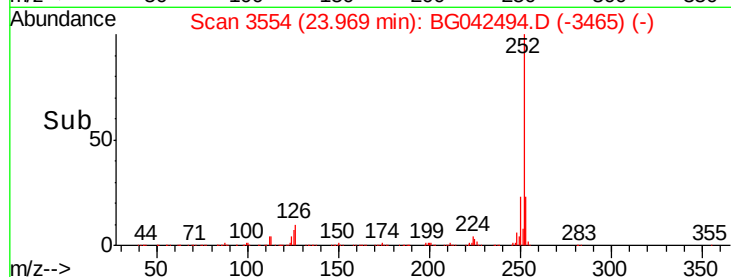
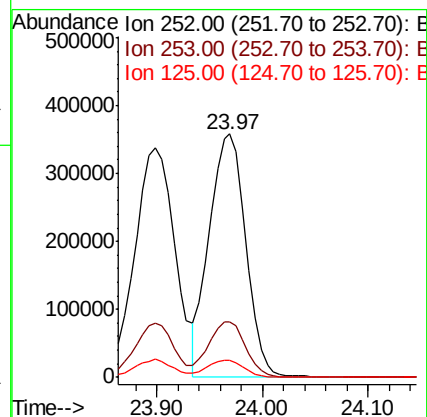
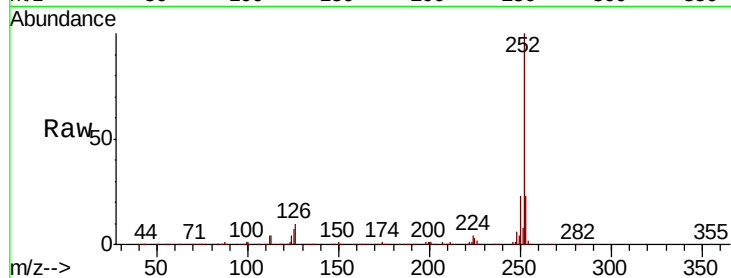
Tgt Ion:252 Resp: 858820

Ion Ratio Lower Upper

252 100

253 22.5 18.6 27.8

125 7.0 5.8 8.6



#90

Benzo(a)pyrene

Concen: 45.265 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

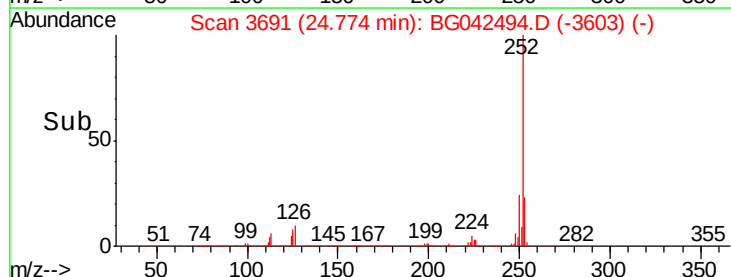
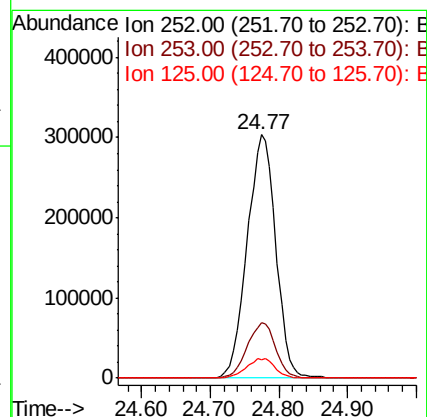
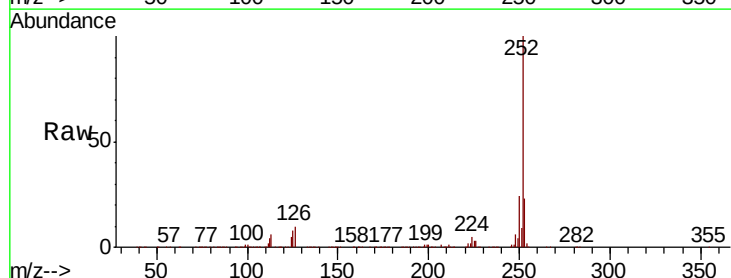
Tgt Ion:252 Resp: 880946

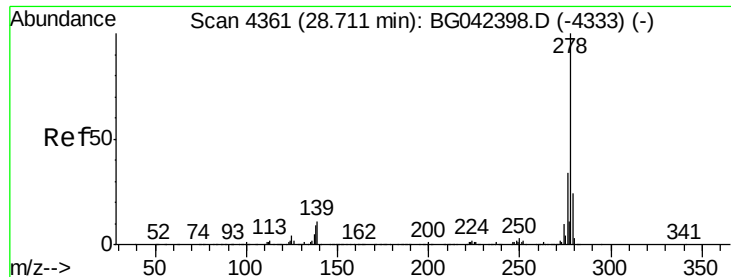
Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

125 7.6 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 43.405 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

ClientSampleId :

PB122218BS

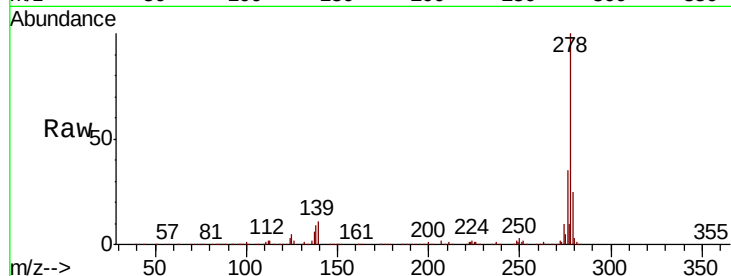
Tgt Ion: 278 Resp: 855314

Ion Ratio Lower Upper

278 100

139 11.2 8.8 13.2

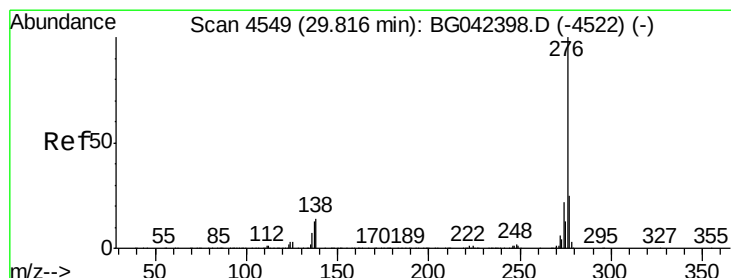
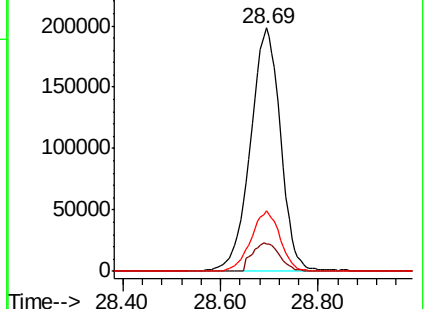
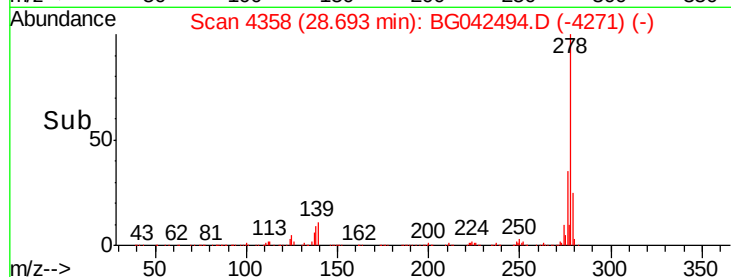
279 24.7 19.1 28.7



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: 43.773 ng

RT: 29.79 min Scan# 4544

Delta R.T. -0.03 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

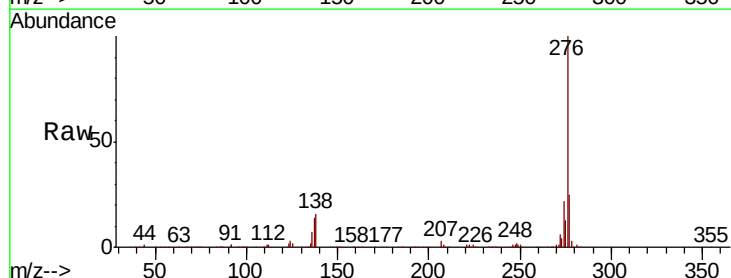
Tgt Ion: 276 Resp: 862691

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 16.0 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

