

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042497.D
 Acq On : 26 Aug 2019 13:07
 Operator : HP/JU
 Sample : PB122444BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Quant Time: Aug 27 01:06:50 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	48506	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	200442	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	139094	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	317549	20.00	ng	0.00
76) Chrysene-d12	21.69	240	346636	20.00	ng	0.00
87) Perylene-d12	24.93	264	377904	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	277275	115.77	ng	0.00
7) Phenol-d6	7.17	99	353166	109.17	ng	0.00
23) Nitrobenzene-d5	9.16	82	181357	62.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	186053	94.11	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	538573	65.49	ng	0.00
79) Terphenyl-d14	20.02	244	1002944	62.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	37529	37.548	ng	97
3) Pyridine	3.82	79	80123	31.263	ng	97
4) n-Nitrosodimethylamine	3.73	42	35296	38.559	ng	83
6) Aniline	7.32	93	129395	29.988	ng	99
8) 2-Chlorophenol	7.57	128	123542	42.563	ng	97
9) Benzaldehyde	7.12	77	74361	45.912	ng	92
10) Phenol	7.19	94	140242	42.636	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	103481	40.058	ng	98
12) 1,3-Dichlorobenzene	7.89	146	136643	37.006	ng	99
13) 1,4-Dichlorobenzene	8.04	146	141700	37.886	ng	98
14) 1,2-Dichlorobenzene	8.35	146	132528	37.000	ng	99
15) Benzyl Alcohol	8.24	79	89993	38.665	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	130779	37.351	ng	99
17) 2-Methylphenol	8.45	107	97422	40.212	ng	96
18) Hexachloroethane	9.09	117	46809	36.557	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	75843	36.187	ng	98
20) 3+4-Methylphenols	8.78	107	133375	39.784	ng	98
22) Acetophenone	8.82	105	167020	38.959	ng	99
24) Nitrobenzene	9.21	77	113825	38.752	ng	97
25) Isophorone	9.73	82	211750	36.991	ng	99
26) 2-Nitrophenol	9.93	139	72565	39.423	ng	98
27) 2,4-Dimethylphenol	9.99	122	112342	44.307	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	136218	37.755	ng	98
29) 2,4-Dichlorophenol	10.47	162	130996	39.488	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	147511	36.227	ng	98
31) Naphthalene	10.87	128	359046	38.582	ng	100
32) Benzoic acid	10.13	122	55528	33.209	ng	97
33) 4-Chloroaniline	10.98	127	98052	22.824	ng	97
34) Hexachlorobutadiene	11.16	225	95408	34.864	ng	100
35) Caprolactam	11.75	113	20310	18.348	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	120594	38.294	ng	97
37) 2-Methylnaphthalene	12.48	142	282010	37.741	ng	99
38) 1-Methylnaphthalene	12.70	142	263876	37.178	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	176721	39.563	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	189233	80.650	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	113911	37.728	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	124244	39.710	ng	97
46) 1,1'-Biphenyl	13.49	154	364397	40.528	ng	99
47) 2-Chloronaphthalene	13.53	162	296743	38.276	ng	99
48) 2-Nitroaniline	13.73	65	68520	36.651	ng	99
49) Acenaphthylene	14.38	152	468885	40.200	ng	100
50) Dimethylphthalate	14.11	163	371300	36.996	ng	100
51) 2,6-Dinitrotoluene	14.23	165	90268	38.803	ng	98
52) Acenaphthene	14.72	154	273190	38.573	ng	99
53) 3-Nitroaniline	14.56	138	62329	26.791	ng	99
54) 2,4-Dinitrophenol	14.77	184	97310	63.459	ng	95
55) Dibenzofuran	15.06	168	461149	39.336	ng	100
56) 4-Nitrophenol	14.89	139	132686	80.262	ng	96
57) 2,4-Dinitrotoluene	15.02	165	126019	37.830	ng	96
58) Fluorene	15.71	166	367754	38.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	114235	36.920	ng	99
60) Diethylphthalate	15.47	149	361007	36.797	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	212461	36.778	ng	99
62) 4-Nitroaniline	15.73	138	89564	35.970	ng	99
63) Azobenzene	15.99	77	266040	39.574	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	78909	39.635	ng	98
66) n-Nitrosodiphenylamine	15.91	169	341097	39.059	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	145792	36.196	ng	98
68) Hexachlorobenzene	16.73	284	150152	34.292	ng	97
69) Atrazine	16.86	200	125079	40.502	ng	99
70) Pentachlorophenol	17.07	266	175999	77.360	ng	98
71) Phenanthrene	17.45	178	619691	39.288	ng	99
72) Anthracene	17.55	178	630126	40.017	ng	99
73) Carbazole	17.81	167	567852	40.463	ng	99
74) Di-n-butylphthalate	18.37	149	665007	40.087	ng	100
75) Fluoranthene	19.47	202	808953	42.023	ng	99
77) Benzidine	19.65	184	352972	35.517	ng	99
78) Pyrene	19.83	202	820974	38.630	ng	99
80) Butylbenzylphthalate	20.71	149	323272	38.674	ng	97
81) Benzo(a)anthracene	21.67	228	824521	39.102	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	281488	33.192	ng	98
83) Chrysene	21.74	228	799473	39.313	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	463841	39.966	ng	99
85) Di-n-octyl phthalate	22.79	149	812824	40.720	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1049901	37.990	ng	# 94
88) Benzo(b)fluoranthene	23.90	252	909298	43.767	ng	99
89) Benzo(k)fluoranthene	23.97	252	880424	44.087	ng	99
90) Benzo(a)pyrene	24.78	252	886950	44.990	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	868836	43.527	ng	97
92) Benzo(g,h,i)perylene	29.79	276	874795	43.819	ng	98

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

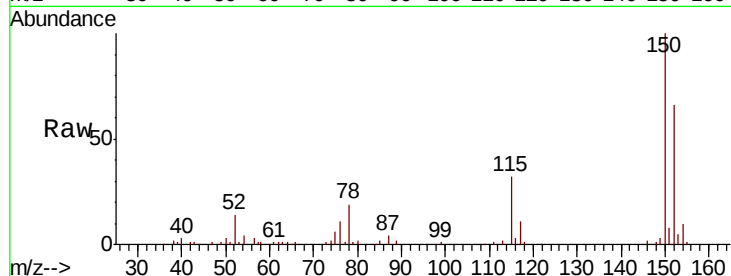


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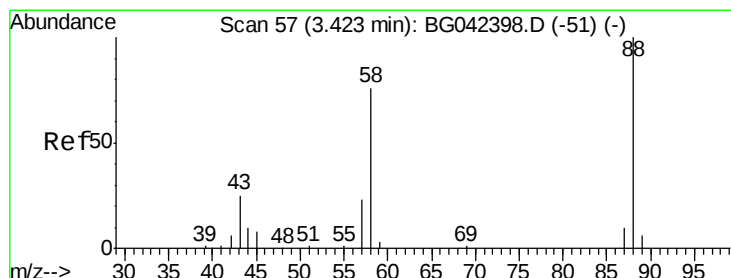
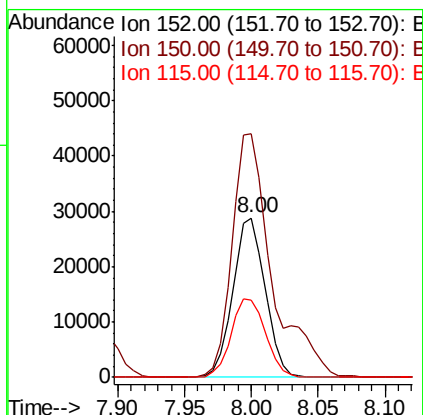
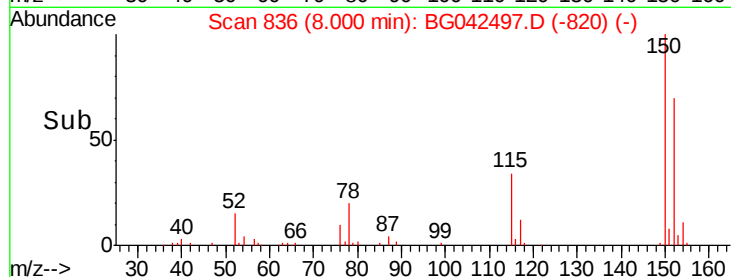
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tgt Ion:152 Resp: 48506
Ion Ratio Lower Upper
152 100
150 152.4 125.4 188.0
115 48.7 38.5 57.7



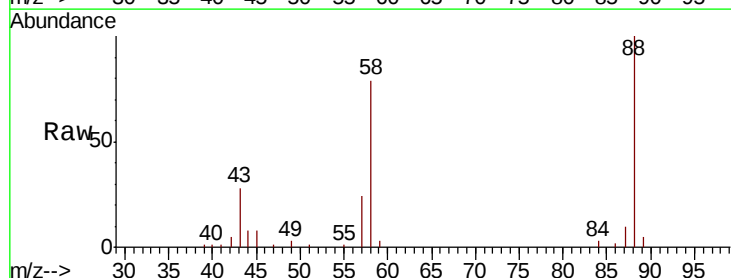
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



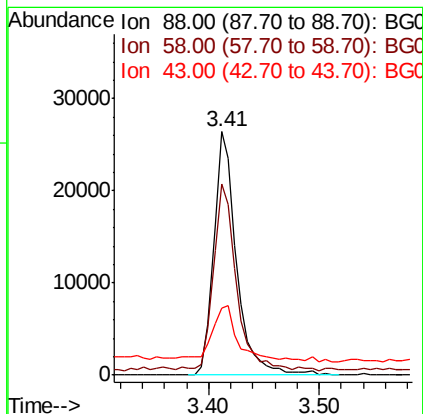
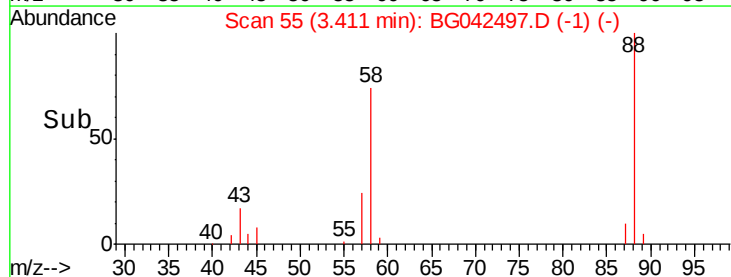
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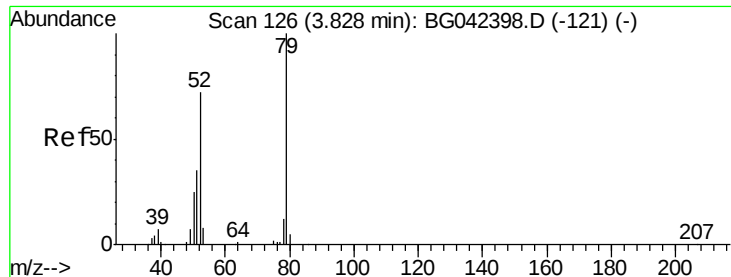
1,4-Dioxane
Concen: 37.548 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion: 88 Resp: 37529
Ion Ratio Lower Upper
88 100
58 75.3 58.3 87.5
43 23.3 20.2 30.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.263 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

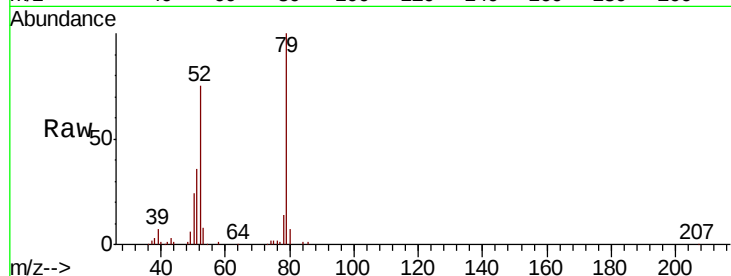
Tgt Ion: 79 Resp: 80123

Ion Ratio Lower Upper

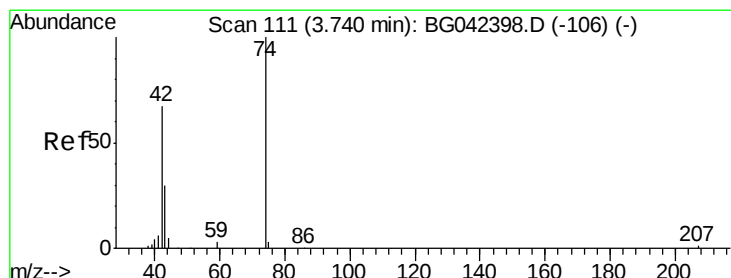
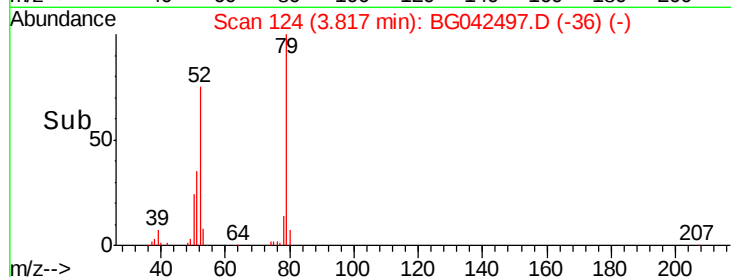
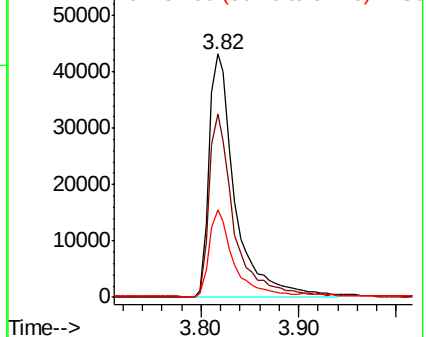
79 100

52 75.2 57.7 86.5

51 35.8 28.8 43.2



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



#4

n-Nitrosodimethylamine

Concen: 38.559 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

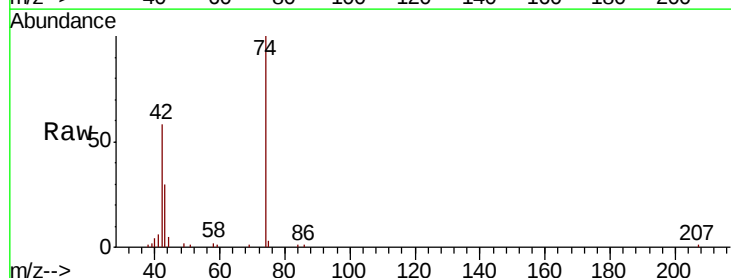
Tgt Ion: 42 Resp: 35296

Ion Ratio Lower Upper

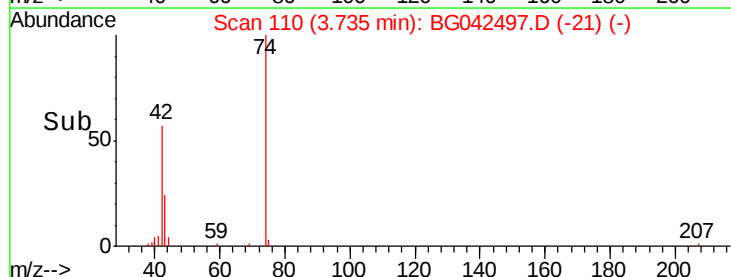
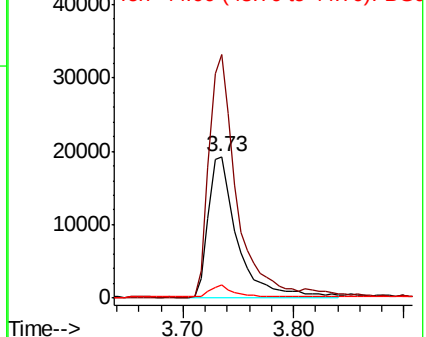
42 100

74 172.1 119.6 179.4

44 9.1 6.5 9.7



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





#5

2-Fluorophenol

Concen: 115.772 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

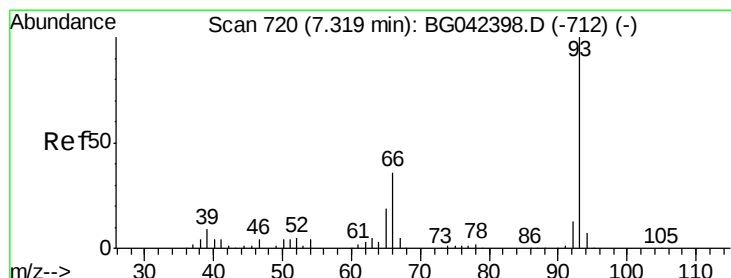
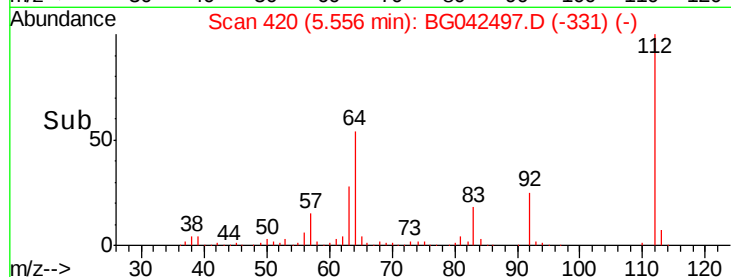
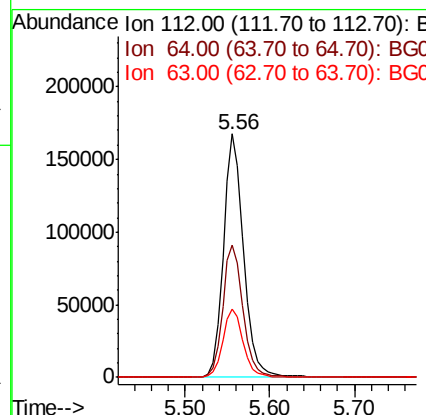
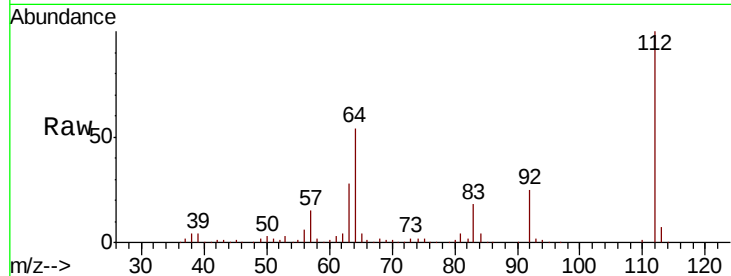
Instrument :

BNA_G

ClientSampleId :

PB122444BS

Tgt Ion:	112	Resp:	277275
Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.8	64.2
63	28.1	22.7	34.1



#6

Aniline

Concen: 29.988 ng

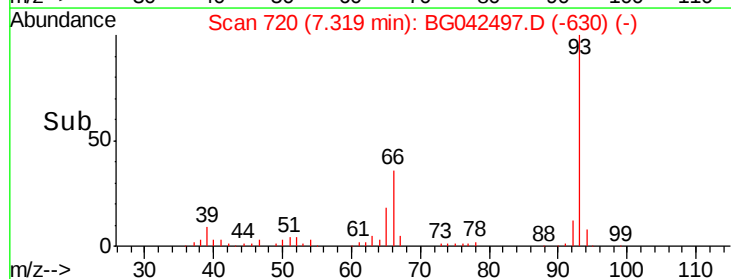
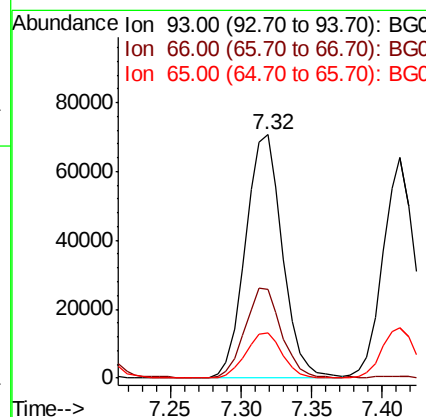
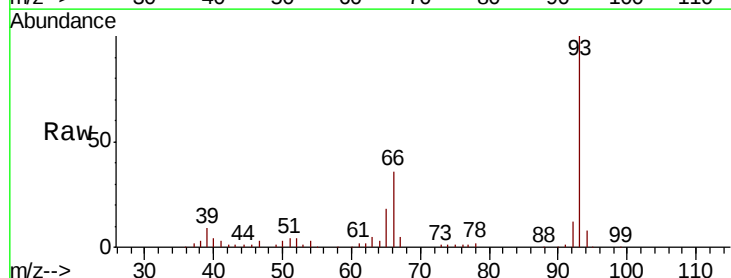
RT: 7.32 min Scan# 720

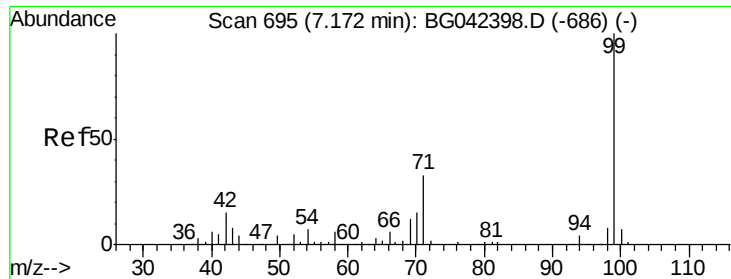
Delta R.T. 0.00 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	93	Resp:	129395
Ion	Ratio	Lower	Upper
93	100		
66	36.4	29.0	43.6
65	18.3	15.2	22.8





#7

Phenol-d6

Concen: 109.166 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

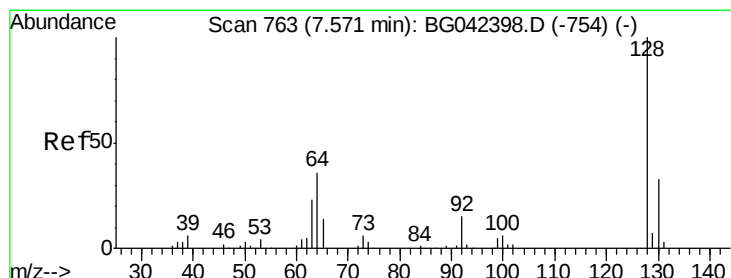
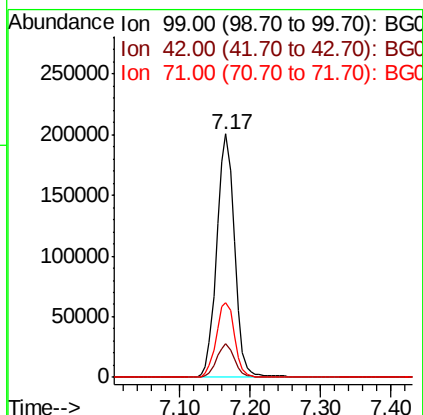
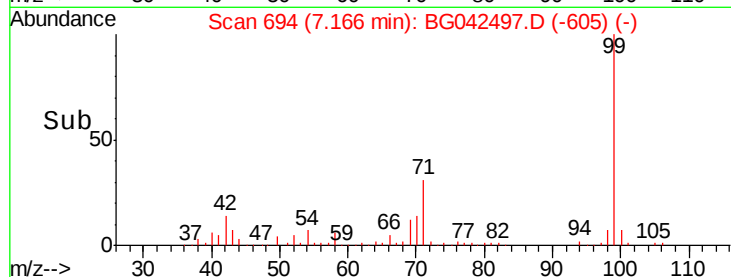
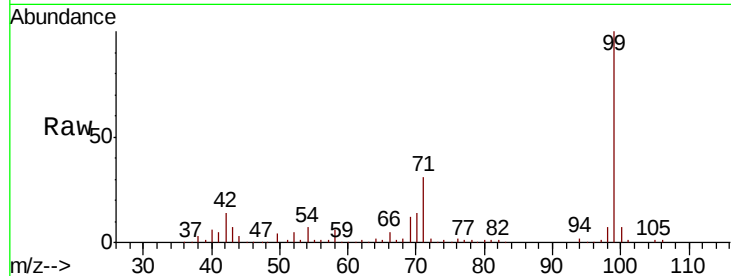
Tgt Ion: 99 Resp: 353166

Ion Ratio Lower Upper

99 100

42 13.6 12.0 18.0

71 30.9 26.3 39.5



#8

2-Chlorophenol

Concen: 42.563 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

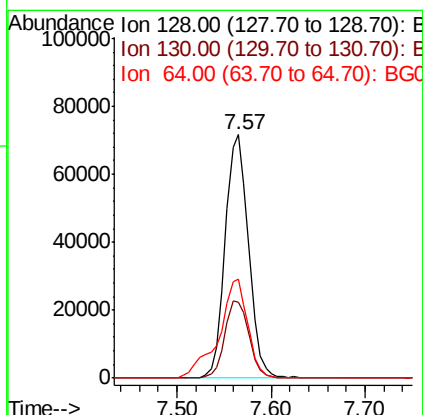
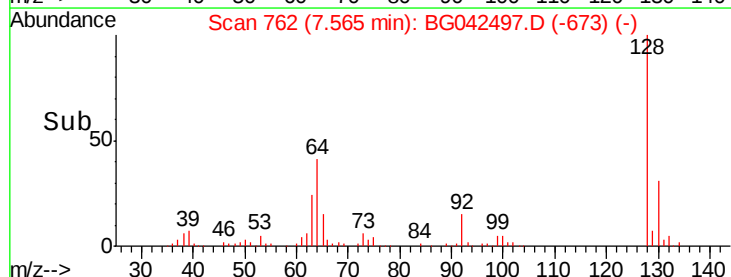
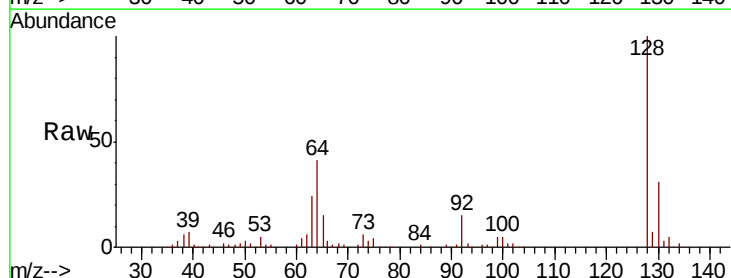
Tgt Ion: 128 Resp: 123542

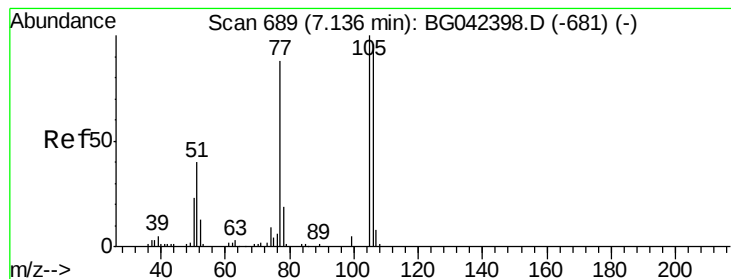
Ion Ratio Lower Upper

128 100

130 31.2 12.8 52.8

64 40.9 19.2 59.2





#9

Benzaldehyde

Concen: 45.912 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

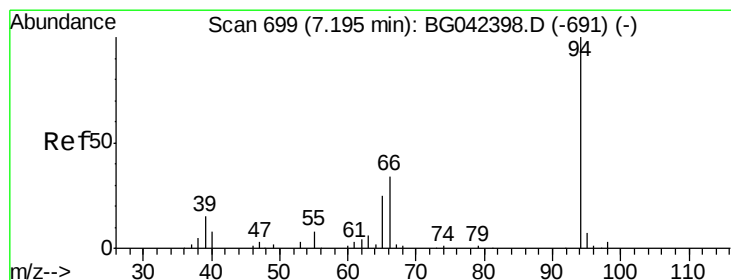
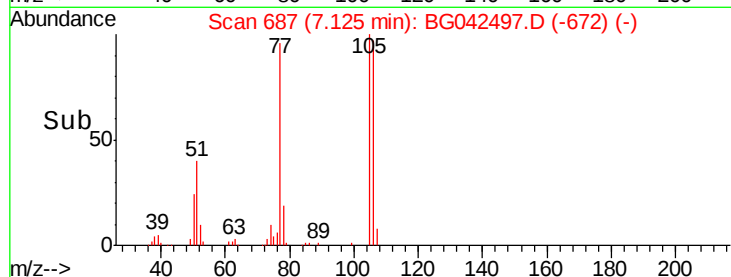
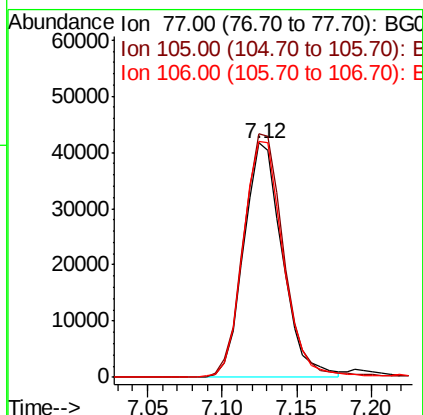
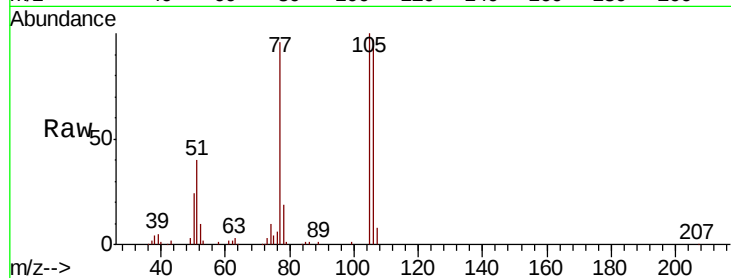
Tgt Ion: 77 Resp: 74361

Ion Ratio Lower Upper

77 100

105 103.9 93.4 133.4

106 100.9 88.4 128.4



#10

Phenol

Concen: 42.636 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

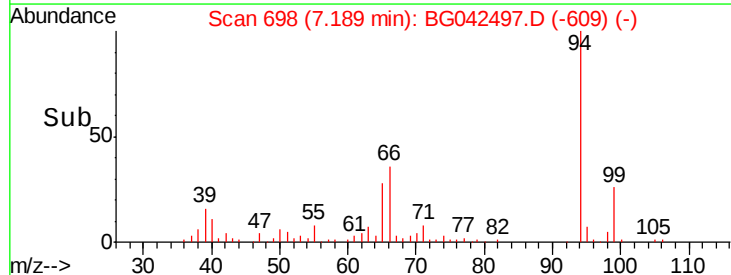
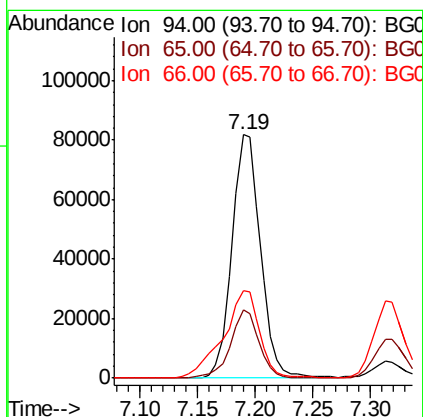
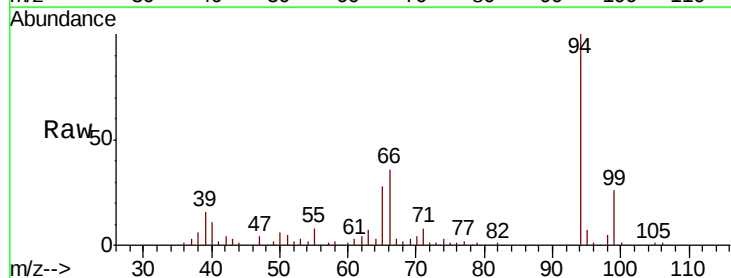
Tgt Ion: 94 Resp: 140242

Ion Ratio Lower Upper

94 100

65 28.0 5.6 45.6

66 36.2 16.0 56.0

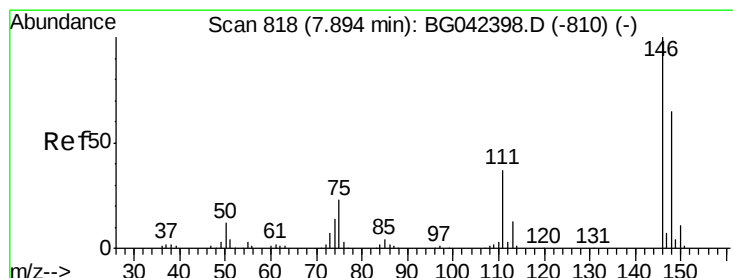
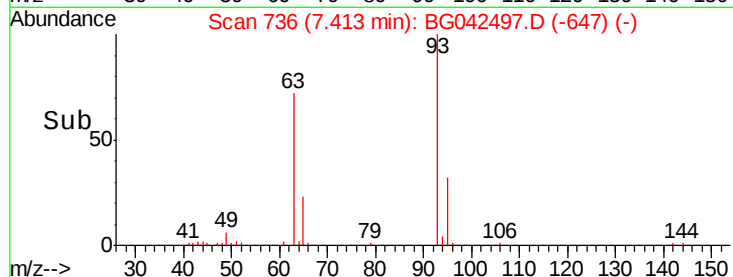
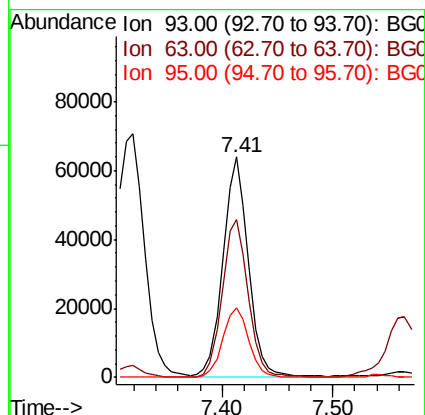
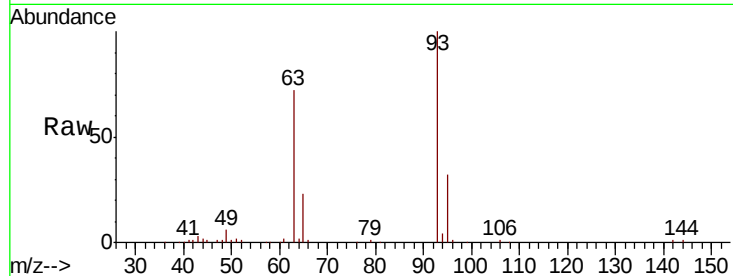




#11
 bis(2-Chloroethyl)ether
 Concen: 40.058 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

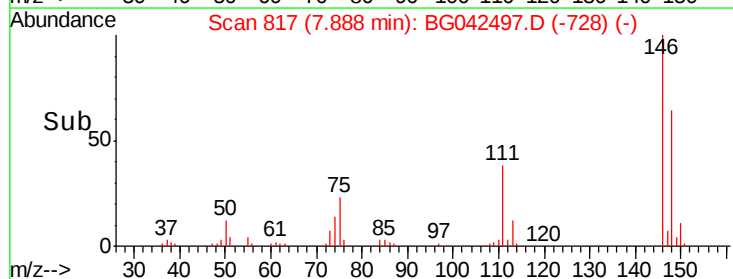
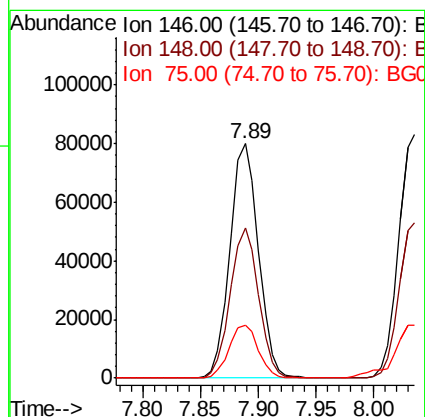
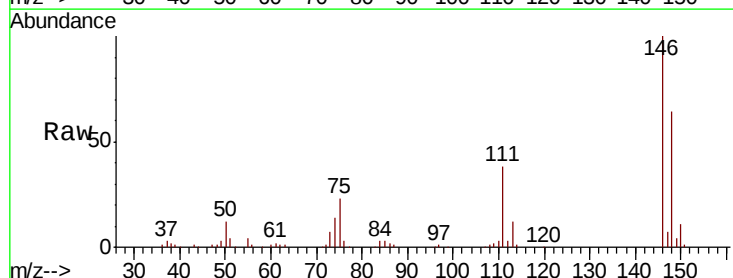
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tgt Ion: 93 Resp: 103481
 Ion Ratio Lower Upper
 93 100
 63 71.9 53.8 93.8
 95 31.8 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 37.006 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion: 146 Resp: 136643
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 75 22.6 18.0 27.0

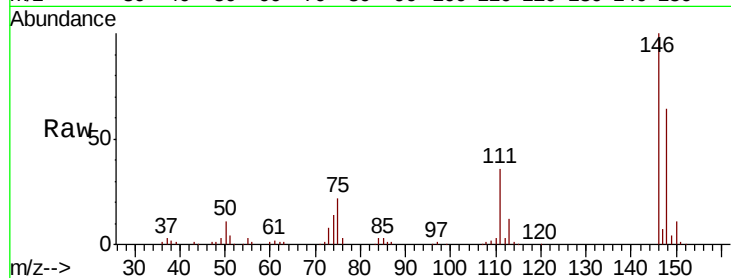




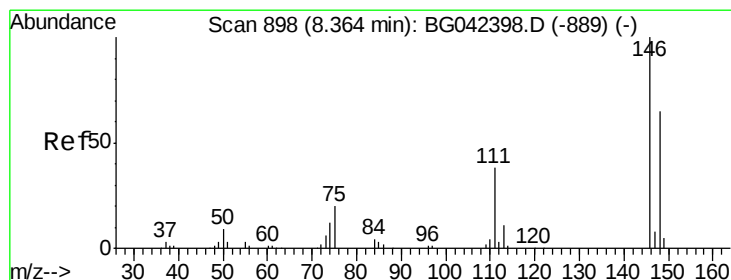
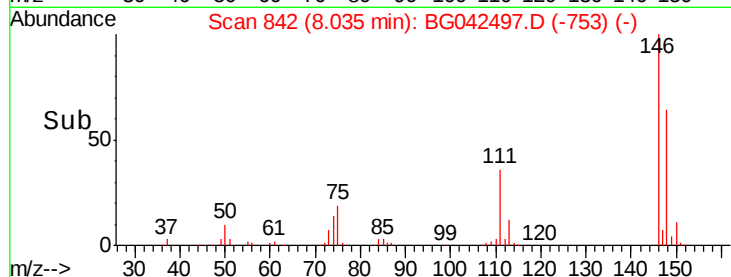
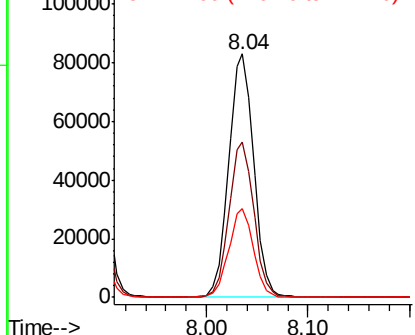
#13
 1,4-Dichlorobenzene
 Concen: 37.886 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tgt Ion:146 Resp: 141700
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.5 74.3
 111 36.3 28.1 42.1

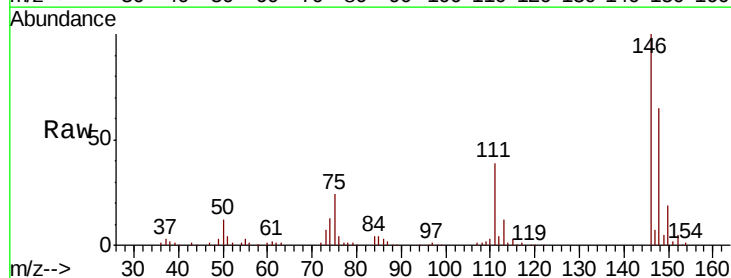


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

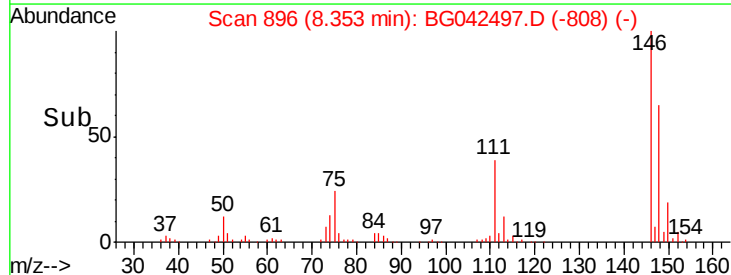
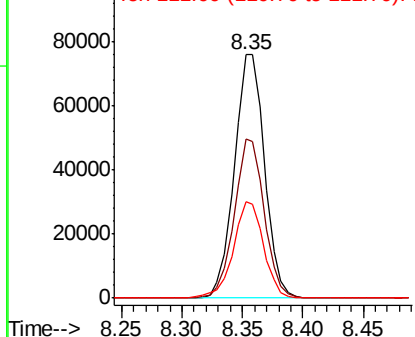


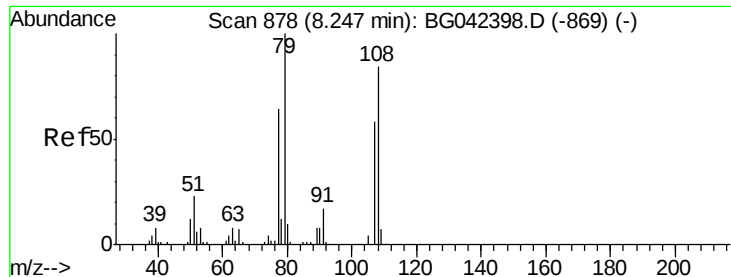
#14
 1,2-Dichlorobenzene
 Concen: 37.000 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion:146 Resp: 132528
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.6
 111 39.5 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.665 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

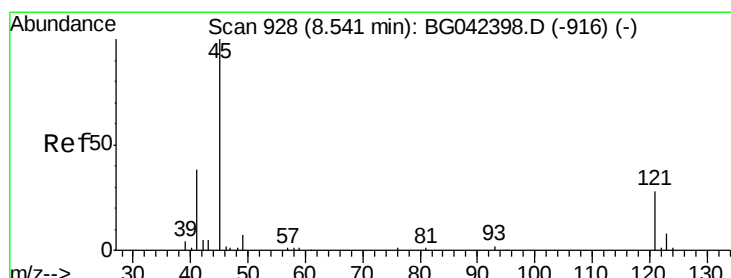
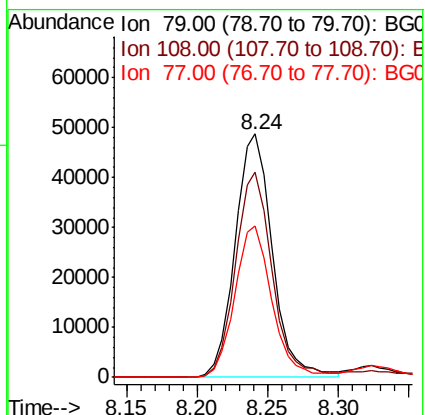
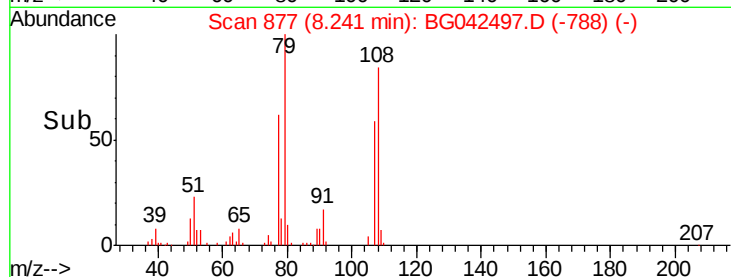
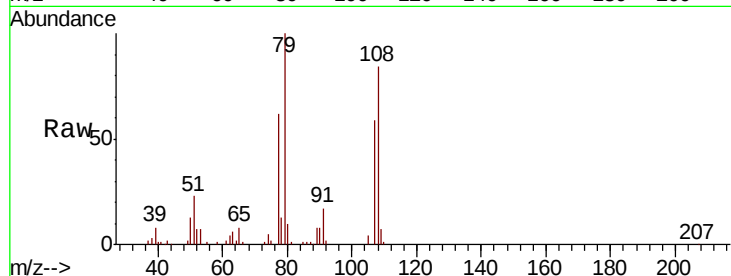
Tgt Ion: 79 Resp: 89993

Ion Ratio Lower Upper

79 100

108 84.4 67.4 101.2

77 62.3 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.351 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

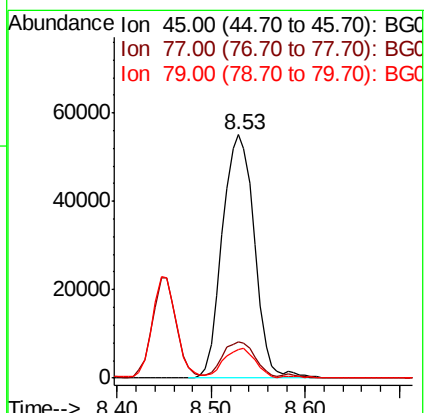
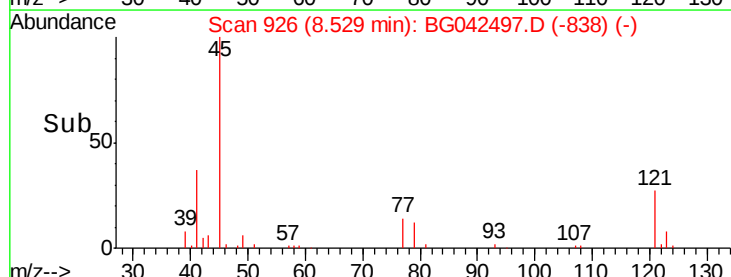
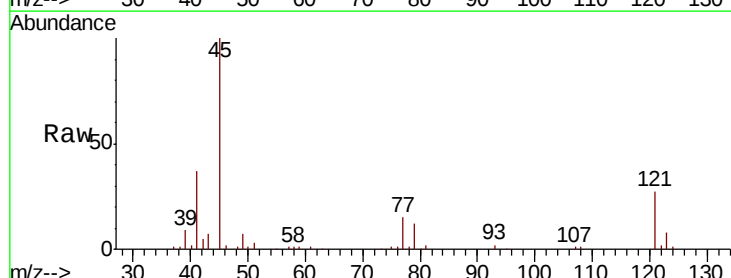
Tgt Ion: 45 Resp: 130779

Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.6

79 11.9 0.0 31.6

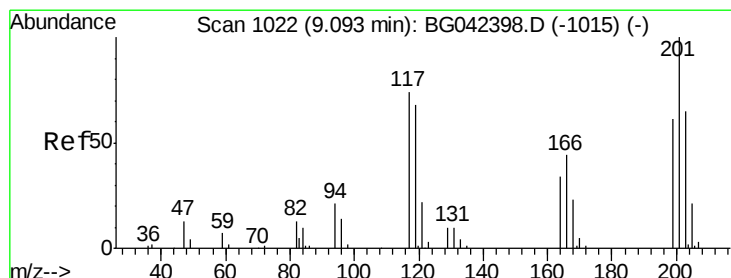
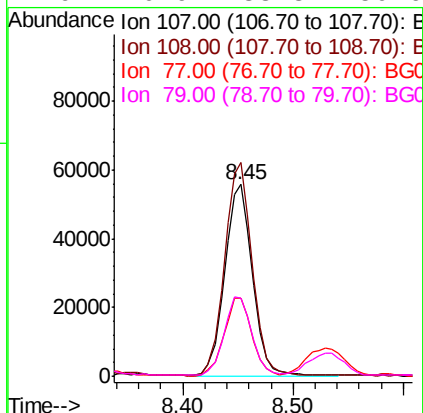
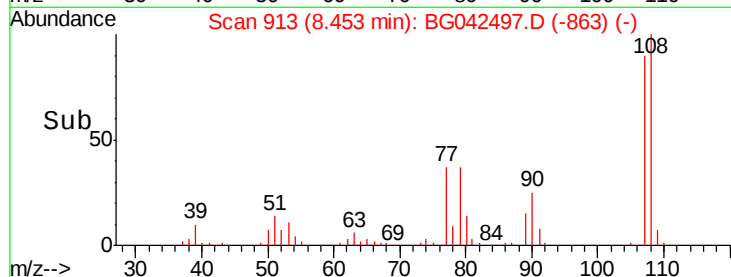
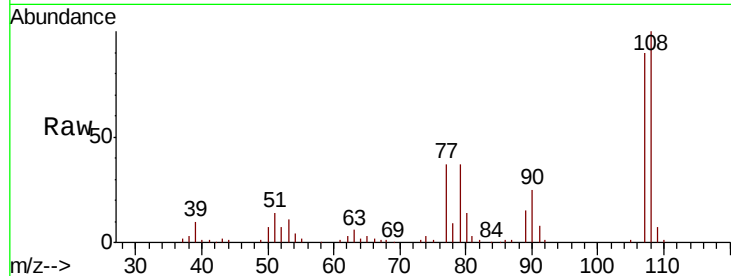




#17
2-Methylphenol
Concen: 40.212 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

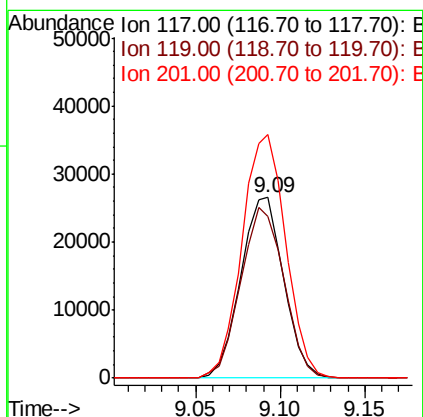
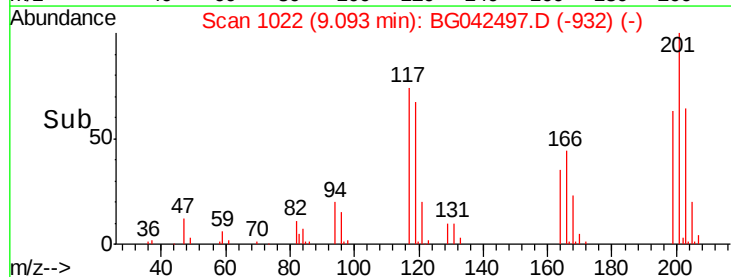
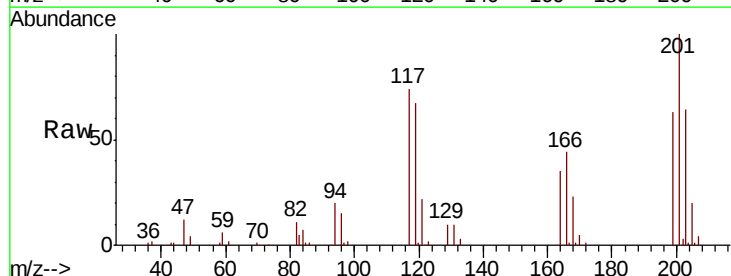
Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tgt Ion:107 Resp: 97422
Ion Ratio Lower Upper
107 100
108 111.5 92.9 139.3
77 40.9 34.4 51.6
79 40.9 33.8 50.6



#18
Hexachloroethane
Concen: 36.557 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion:117 Resp: 46809
Ion Ratio Lower Upper
117 100
119 89.6 73.8 110.8
201 134.8 108.3 162.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.187 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

Tgt Ion: 70 Resp: 75843

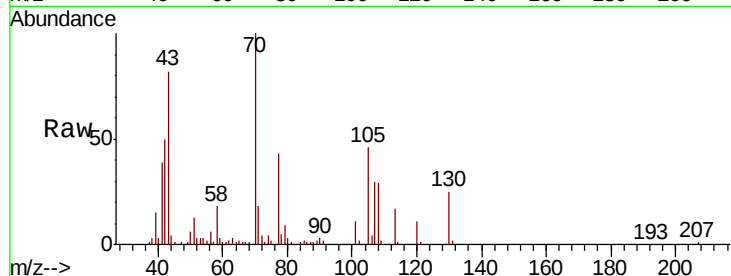
Ion Ratio Lower Upper

70 100

42 50.0 38.8 58.2

101 11.0 9.0 13.6

130 25.2 20.0 30.0



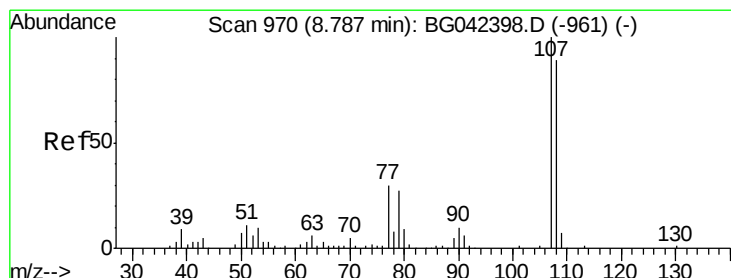
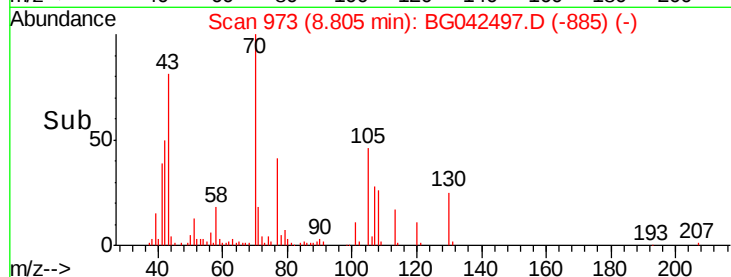
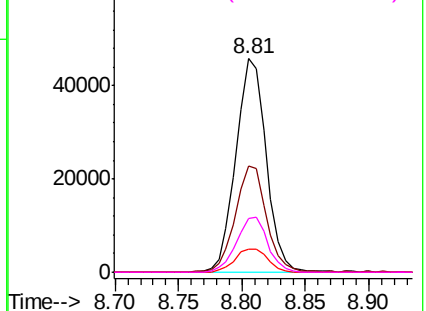
Abundance

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: 39.784 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion: 107 Resp: 133375

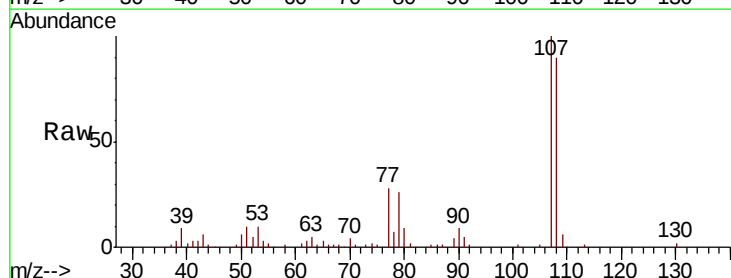
Ion Ratio Lower Upper

107 100

108 90.3 68.7 108.7

77 28.3 10.2 50.2

79 26.3 6.9 46.9



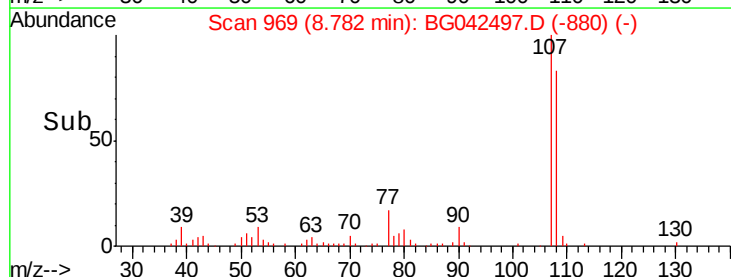
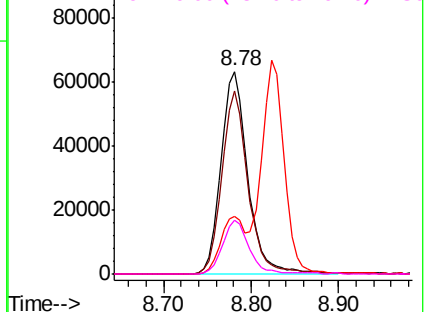
Abundance

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: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

Tgt Ion:136 Resp: 200442

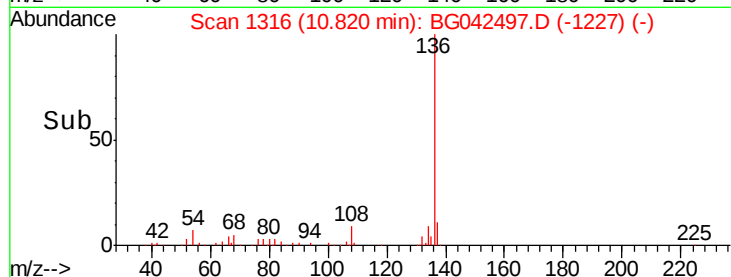
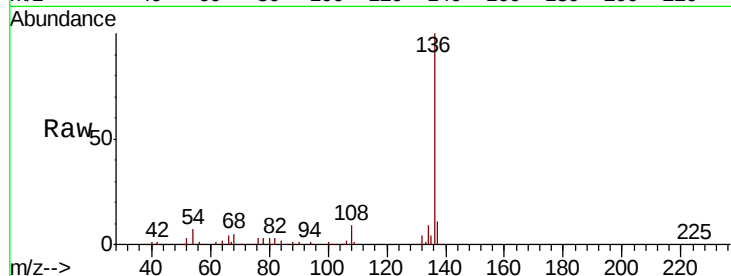
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.5 4.9 7.3

68 4.6 3.6 5.4

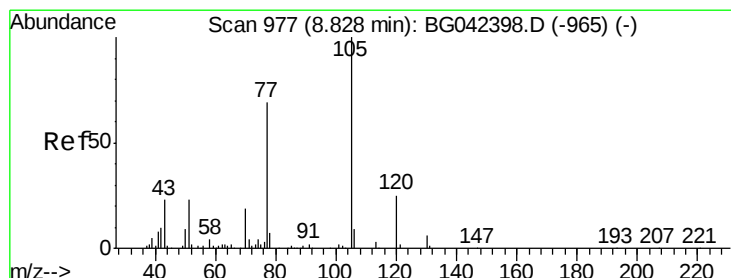
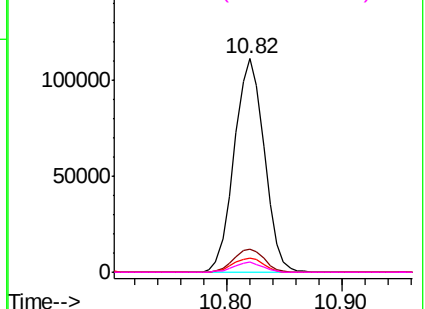


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.959 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:105 Resp: 167020

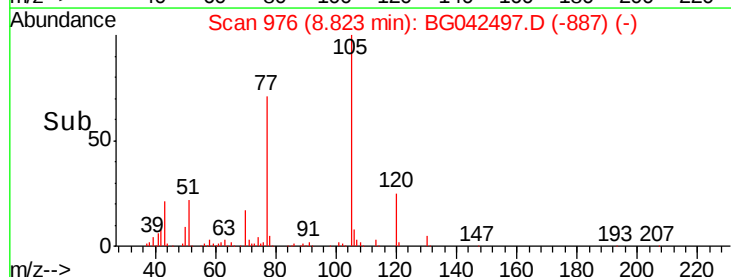
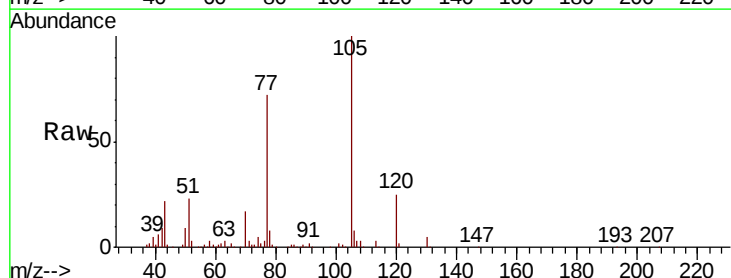
Ion Ratio Lower Upper

105 100

71 3.1 2.8 4.2

51 22.8 18.7 28.1

120 25.0 20.1 30.1

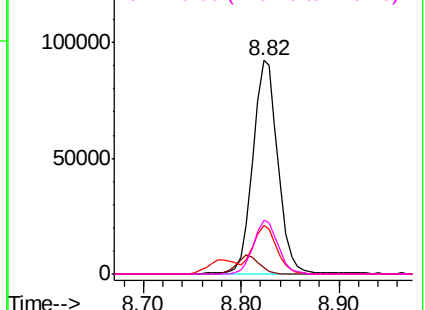


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

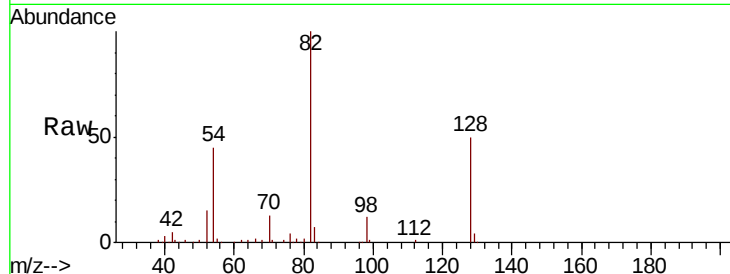




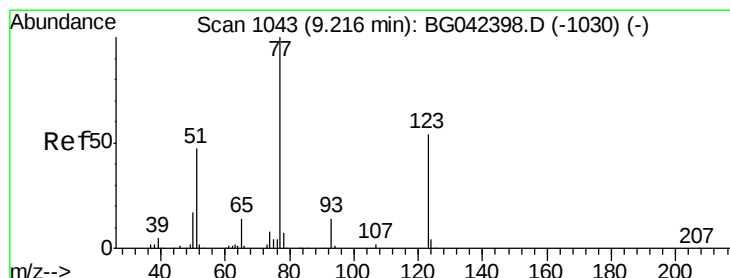
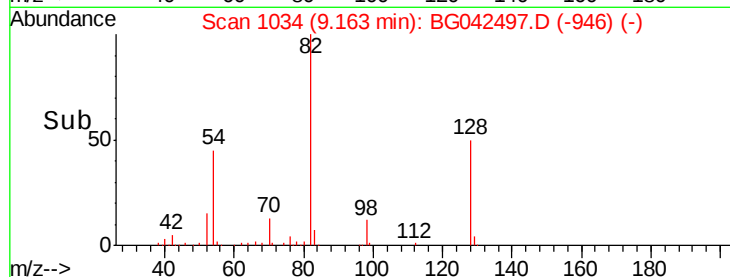
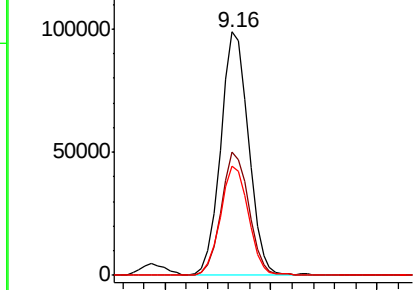
#23
 Nitrobenzene-d5
 Concen: 62.524 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.7	61.1
54	44.9	36.3	54.5

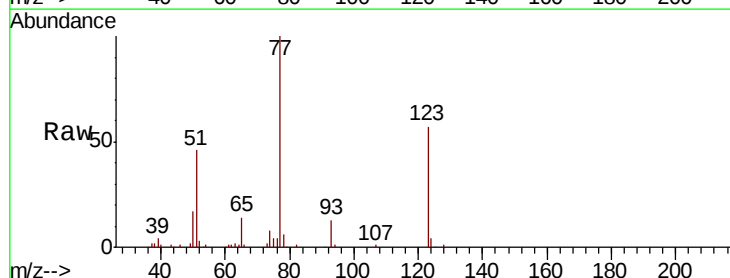


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

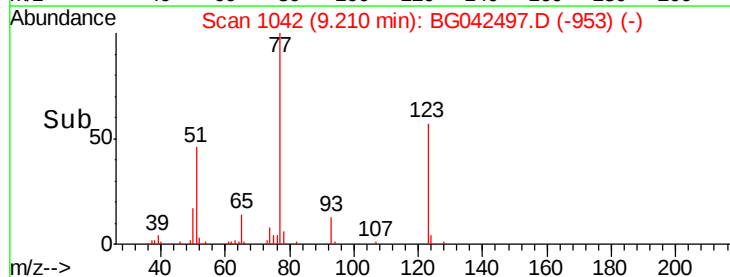
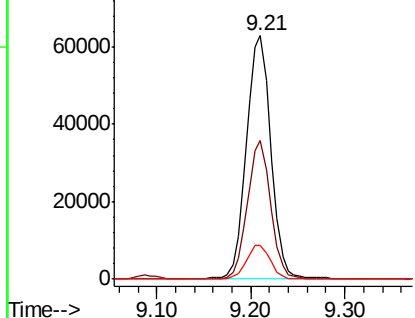


#24
 Nitrobenzene
 Concen: 38.752 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.7	43.4	65.0
65	13.8	11.0	16.6



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

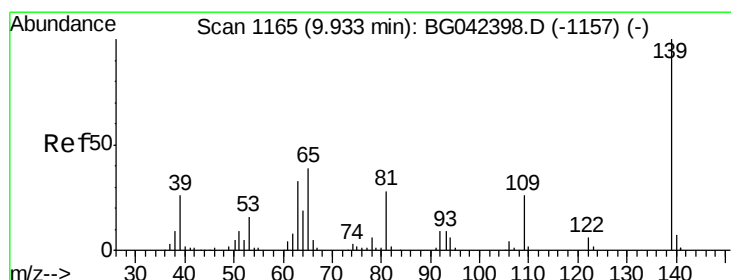
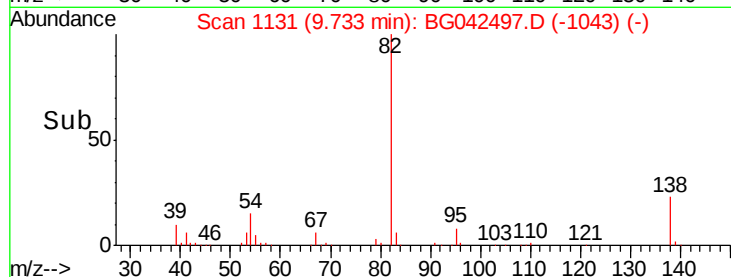
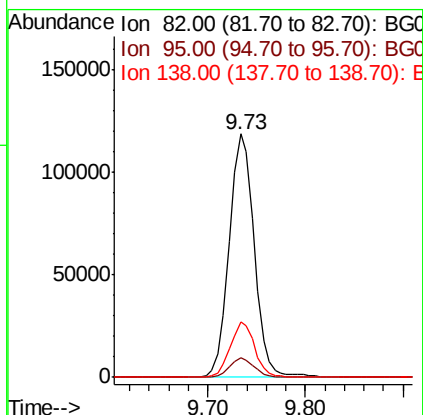
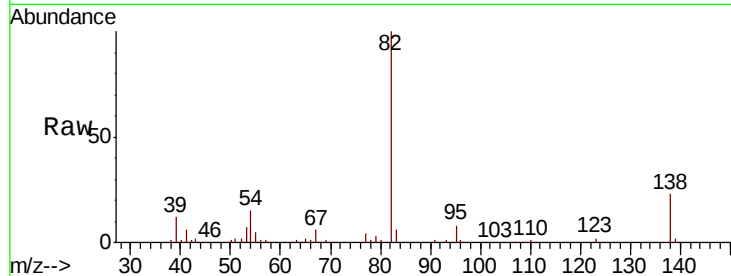




#25
Isophorone
Concen: 36.991 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

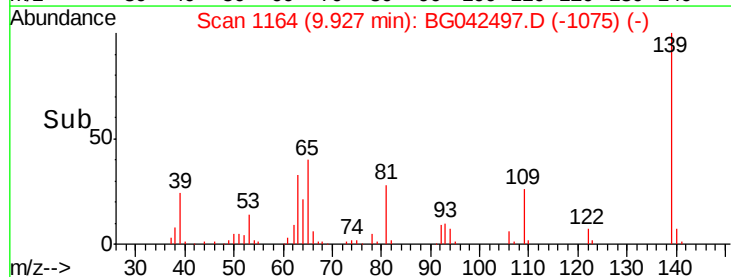
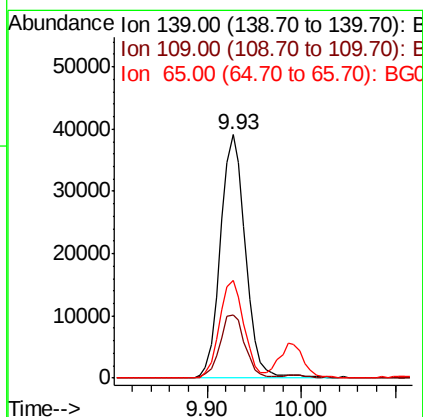
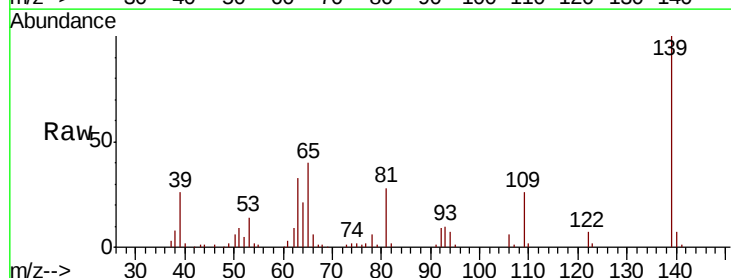
Instrument :
BNA_G
ClientSampleId :
PB122444BS

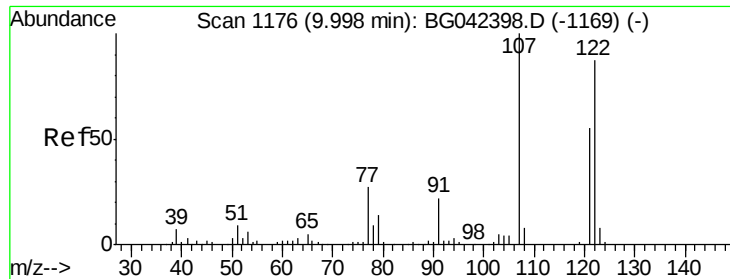
Tgt Ion: 82 Resp: 211750
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 22.8 18.6 27.8



#26
2-Nitrophenol
Concen: 39.423 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion: 139 Resp: 72565
Ion Ratio Lower Upper
139 100
109 26.0 20.5 30.7
65 40.1 30.9 46.3

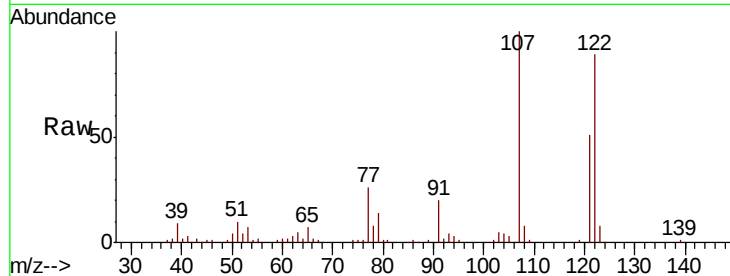




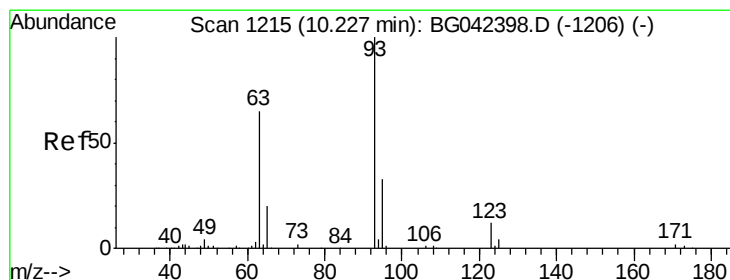
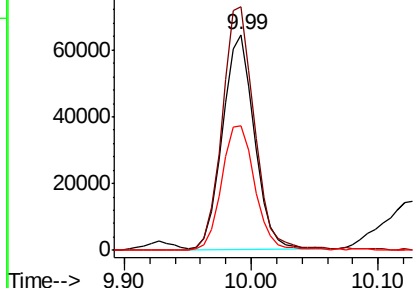
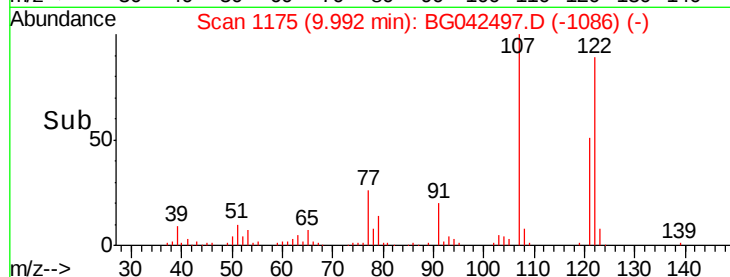
#27
 2,4-Dimethylphenol
 Concen: 44.307 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleID :
 PB122444BS

Tgt Ion:122 Resp: 112342
 Ion Ratio Lower Upper
 122 100
 107 112.8 90.8 136.2
 121 57.5 49.6 74.4

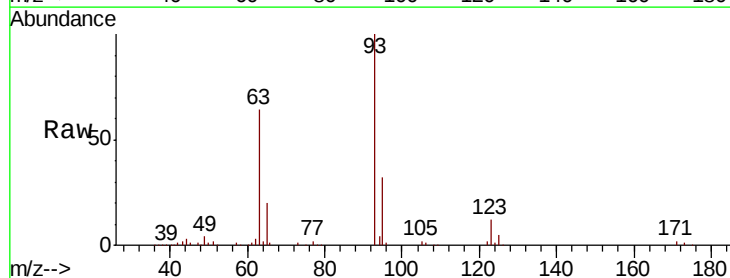


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

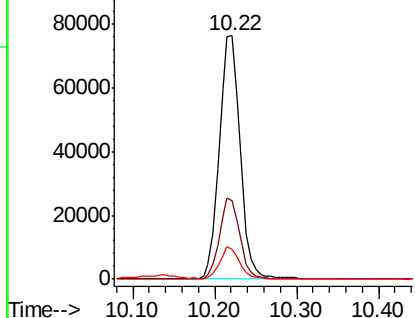
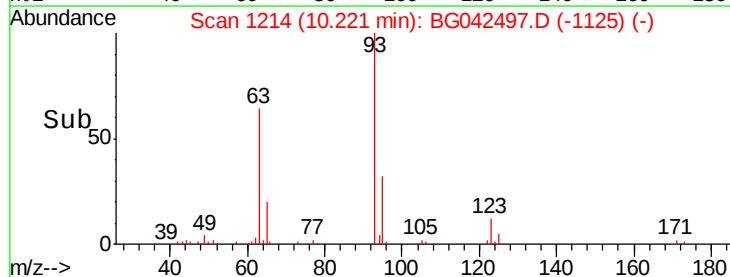


#28
 bis(2-Chloroethoxy)methane
 Concen: 37.755 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion: 93 Resp: 136218
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.6 40.0
 123 12.2 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

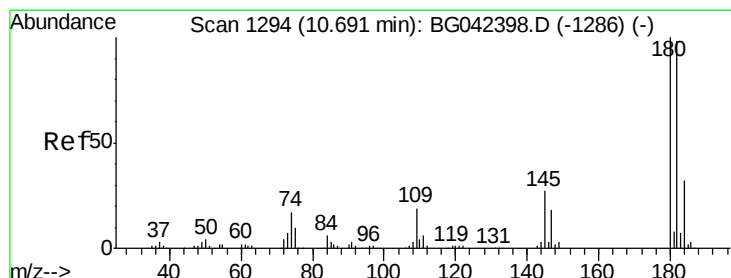
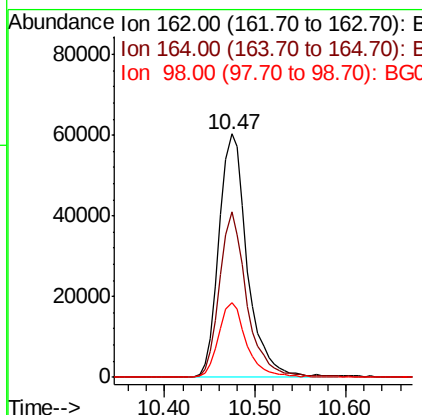
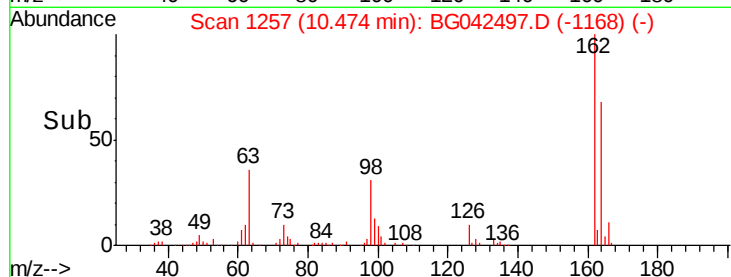
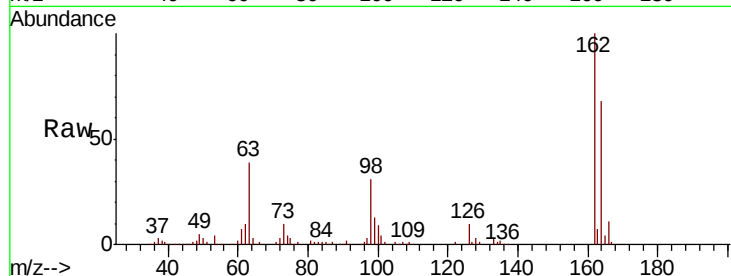




#29
2,4-Dichlorophenol
Concen: 39.488 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

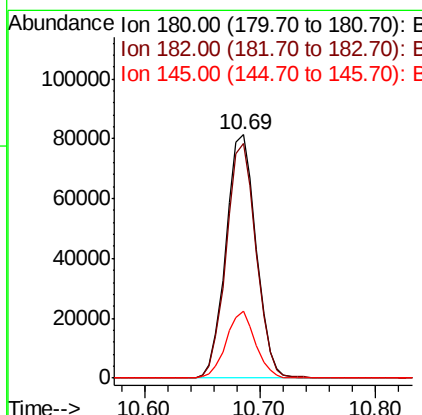
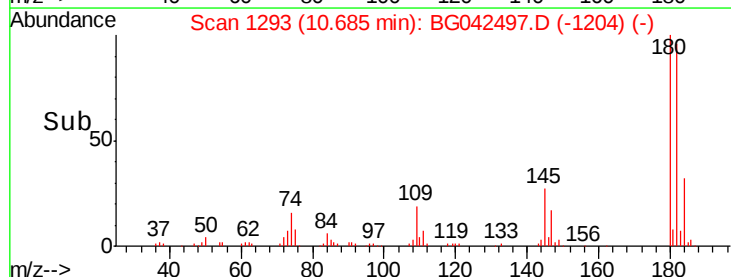
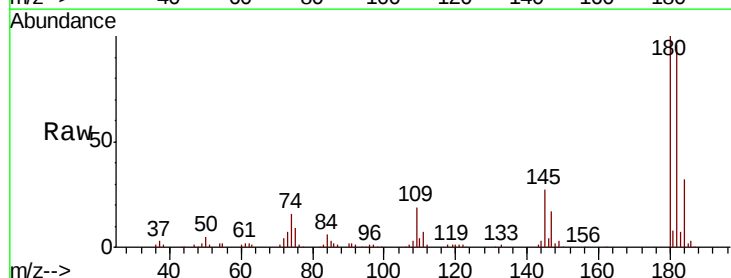
Instrument :
BNA_G
ClientSampleId :
PB122444BS

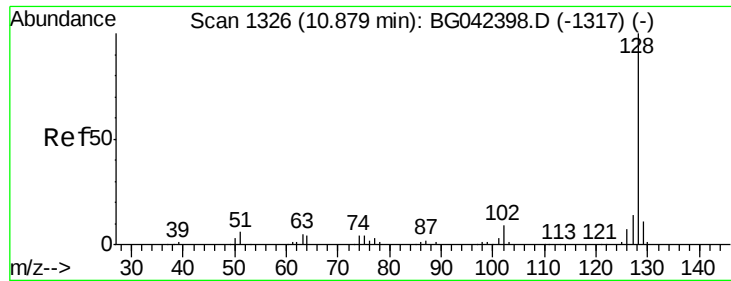
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.2	48.1	88.1
98	30.6	7.6	47.6



#30
1,2,4-Trichlorobenzene
Concen: 36.227 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.7	118.1
145	27.4	21.6	32.4

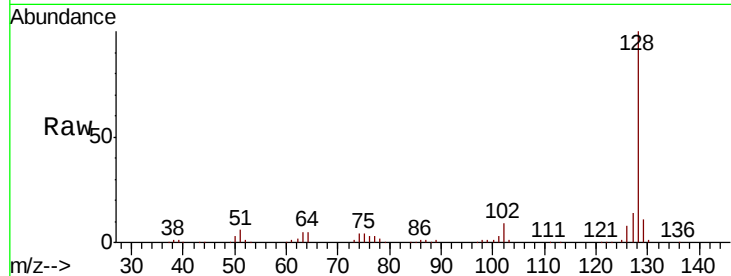




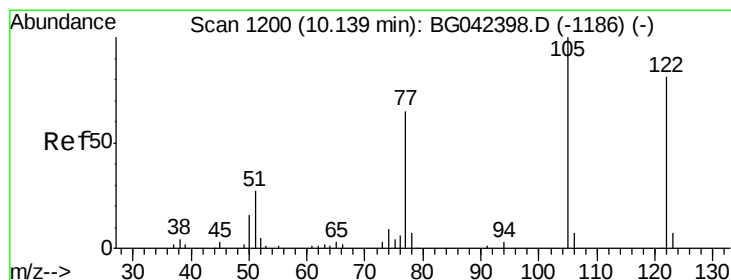
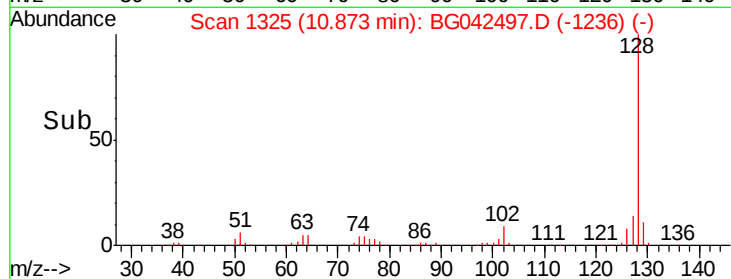
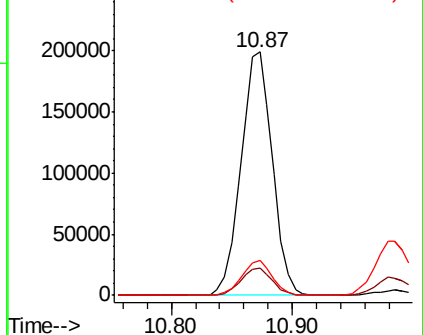
#31
Naphthalene
Concen: 38.582 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tgt Ion:128 Resp: 359046
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 14.3 11.4 17.0

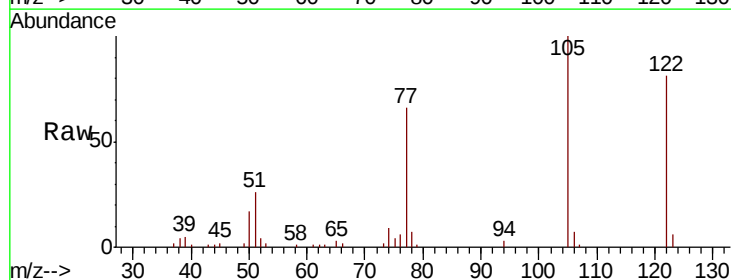


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

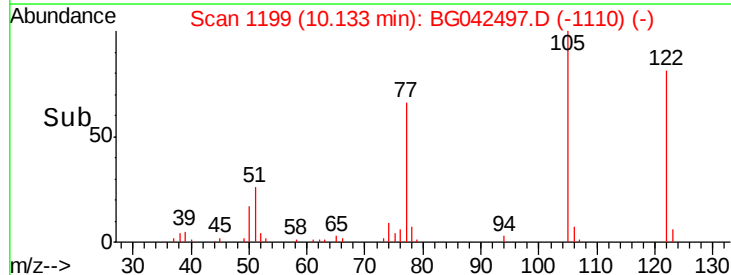
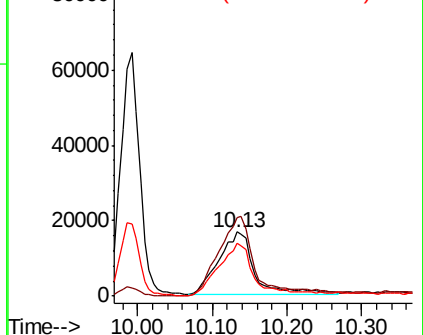


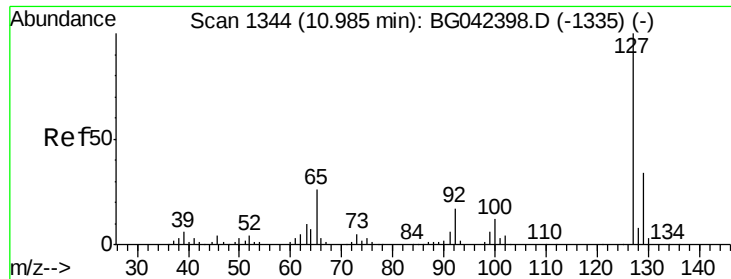
#32
Benzoic acid
Concen: 33.209 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion:122 Resp: 55528
Ion Ratio Lower Upper
122 100
105 122.9 99.6 139.6
77 81.6 59.5 99.5



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

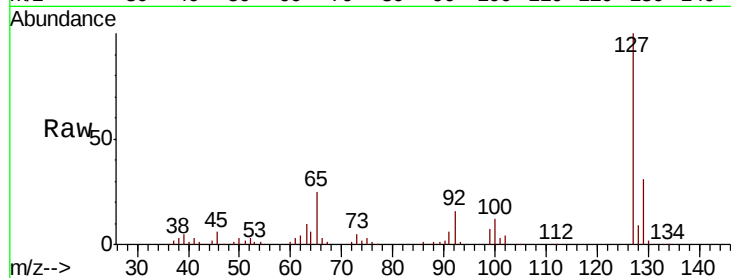




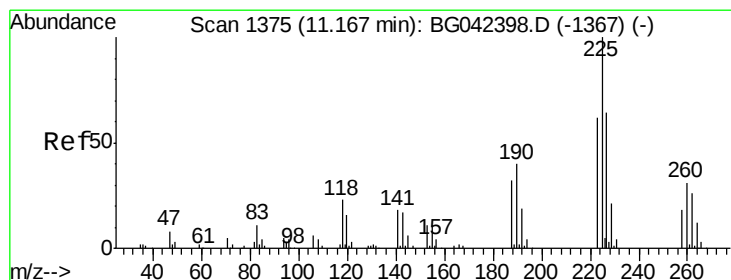
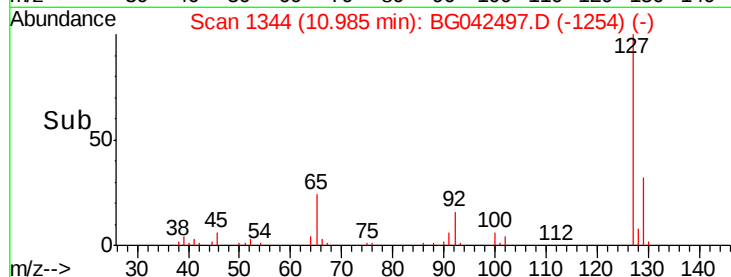
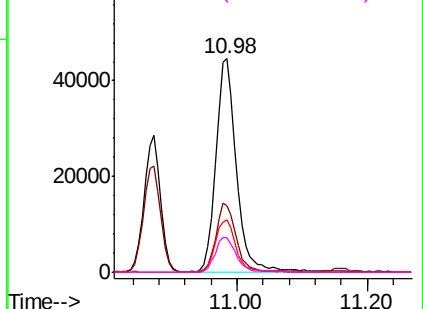
#33
4-Chloroaniline
Concen: 22.824 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tgt Ion:	127	Resp:	98052
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.8	40.2
65	24.7	20.7	31.1
92	16.1	13.6	20.4

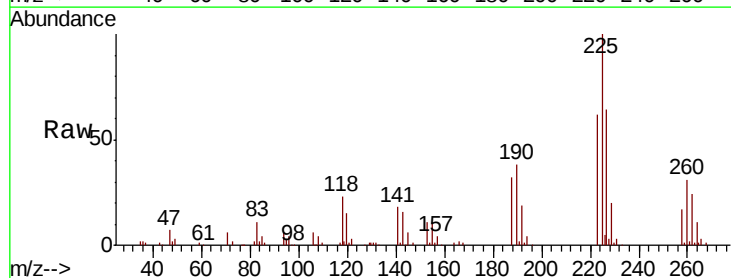


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

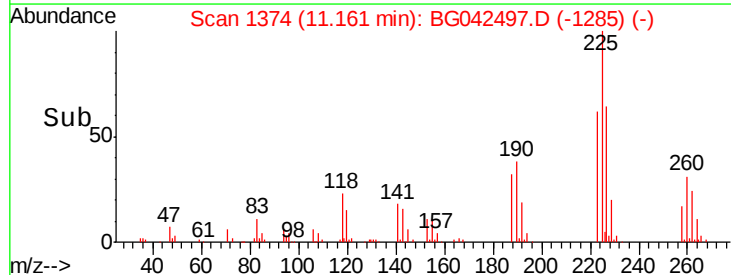
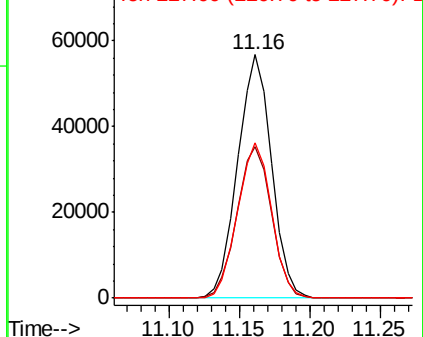


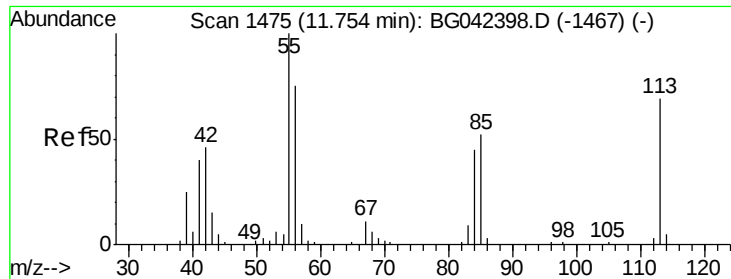
#34
Hexachlorobutadiene
Concen: 34.864 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion:	225	Resp:	95408
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	63.6	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: 18.348 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

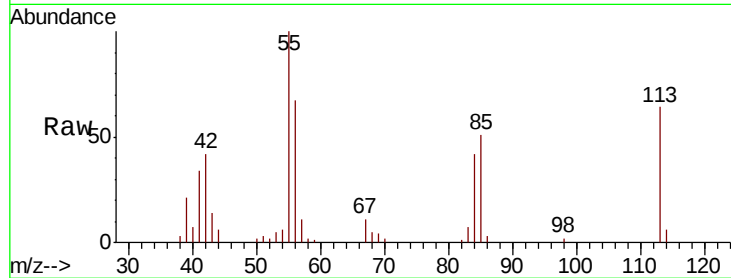
Tgt Ion:113 Resp: 20310

Ion Ratio Lower Upper

113 100

55 157.4 124.6 164.6

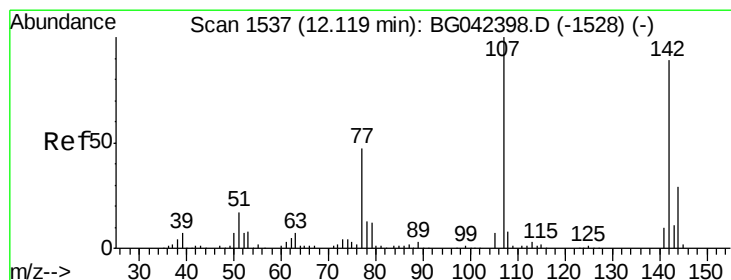
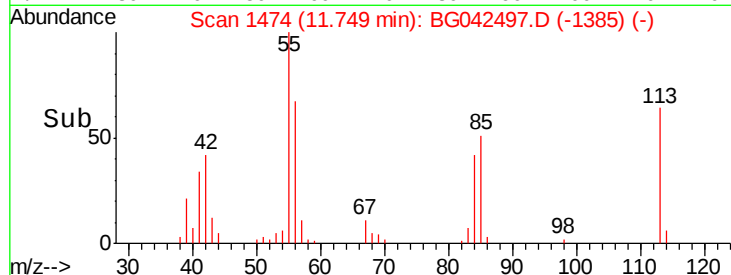
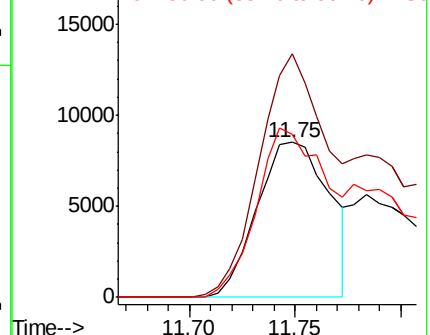
56 105.5 88.3 128.3



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: 38.294 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

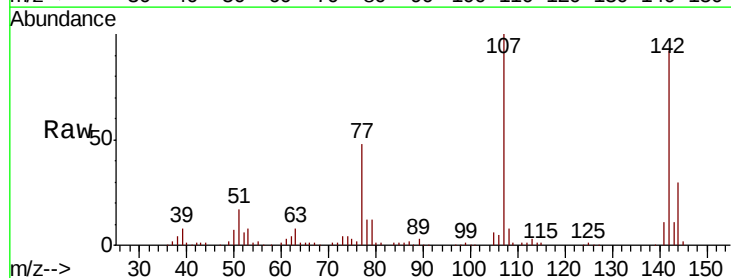
Tgt Ion:107 Resp: 120594

Ion Ratio Lower Upper

107 100

144 29.6 23.6 35.4

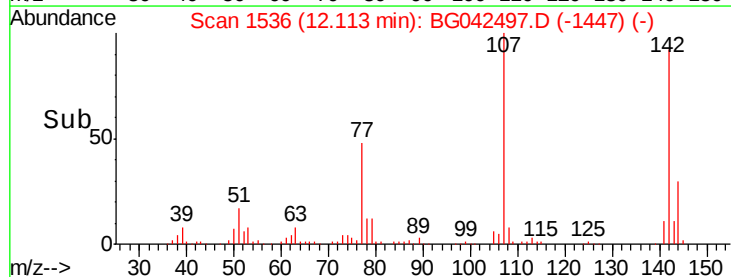
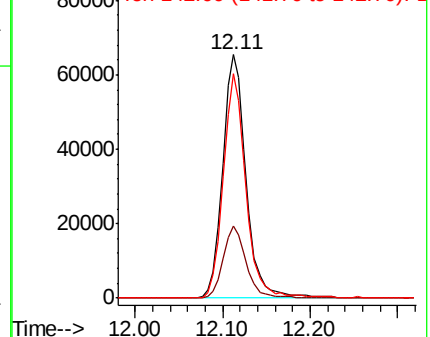
142 92.0 71.0 106.4

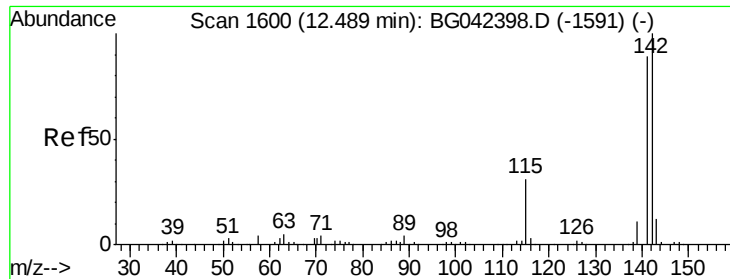


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

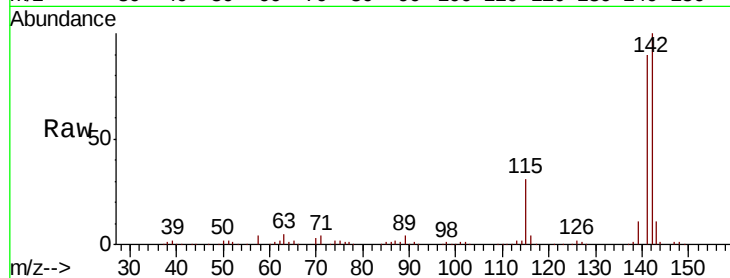




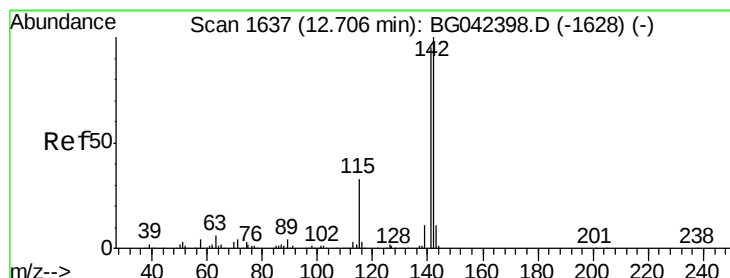
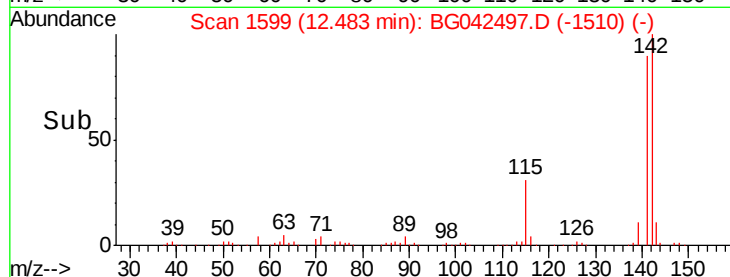
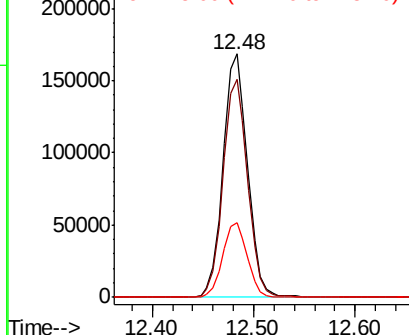
#37
2-Methylnaphthalene
Concen: 37.741 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tgt Ion:142 Resp: 282010
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2
115 30.8 25.2 37.8

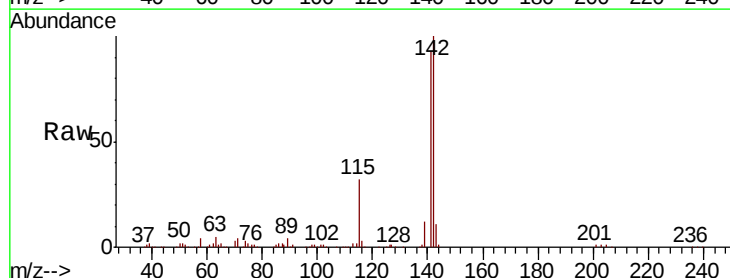


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

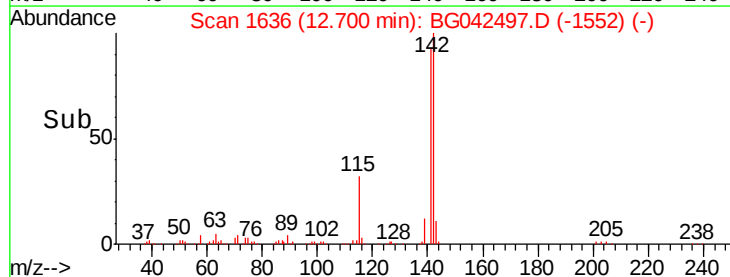
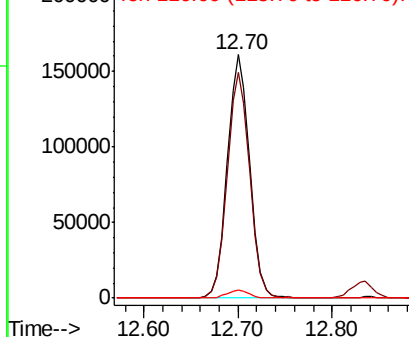


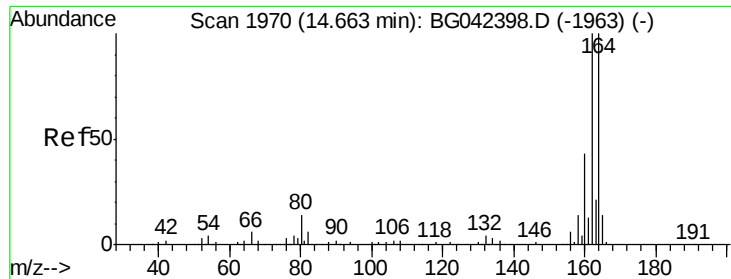
#38
1-Methylnaphthalene
Concen: 37.178 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion:142 Resp: 263876
Ion Ratio Lower Upper
142 100
141 92.6 76.2 114.2
116 3.4 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

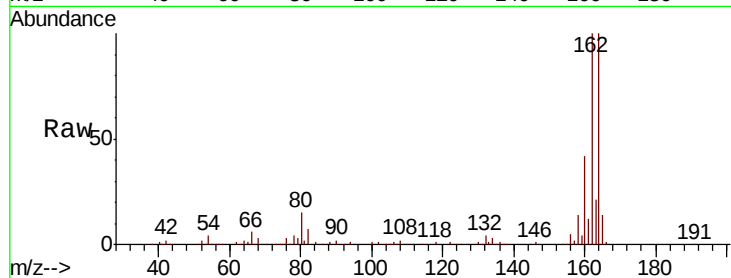
Tgt Ion:164 Resp: 139094

Ion Ratio Lower Upper

164 100

162 99.6 79.9 119.9

160 42.5 34.3 51.5

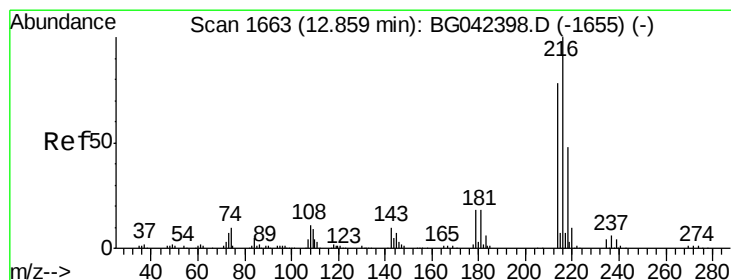
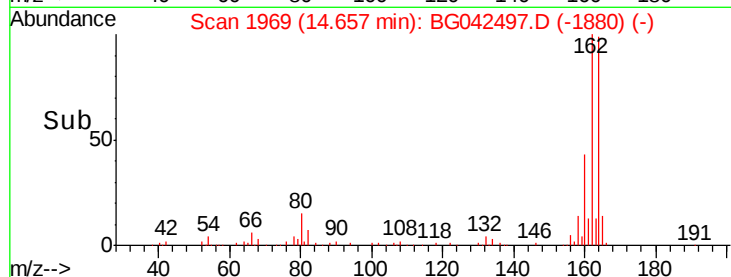
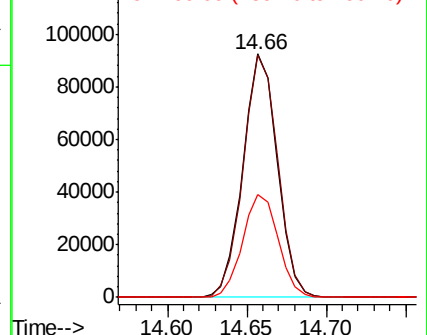


Abundance

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: 39.563 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:216 Resp: 176721

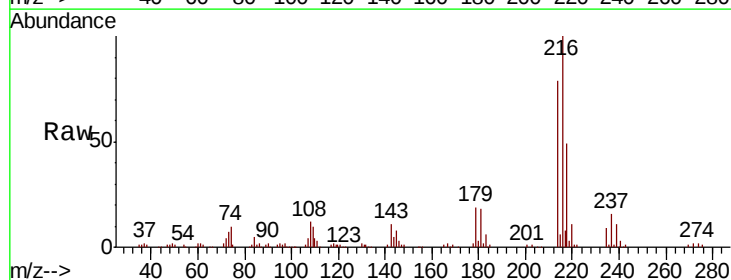
Ion Ratio Lower Upper

216 100

214 77.0 61.4 92.2

179 18.8 15.1 22.7

108 13.6 9.4 14.0



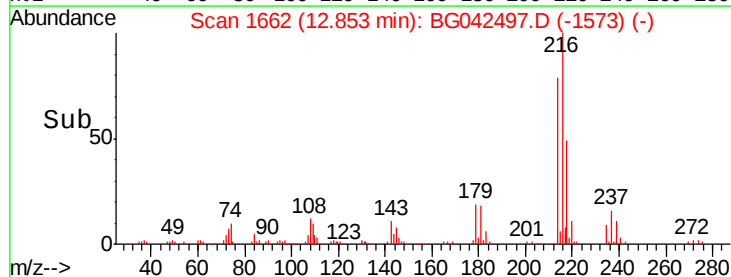
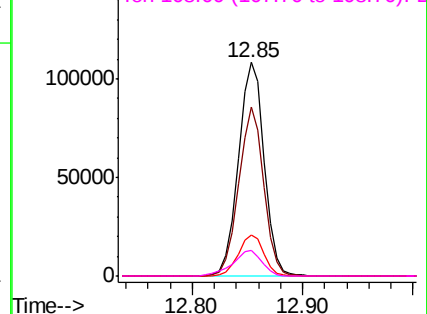
Abundance

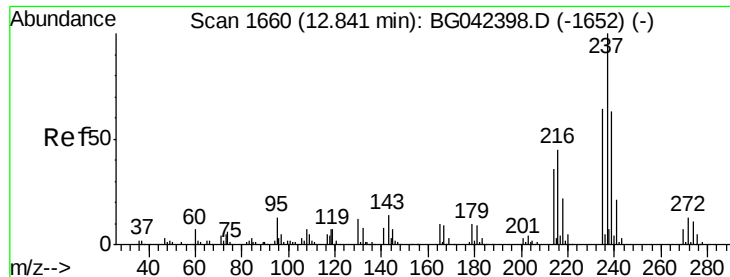
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.650 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

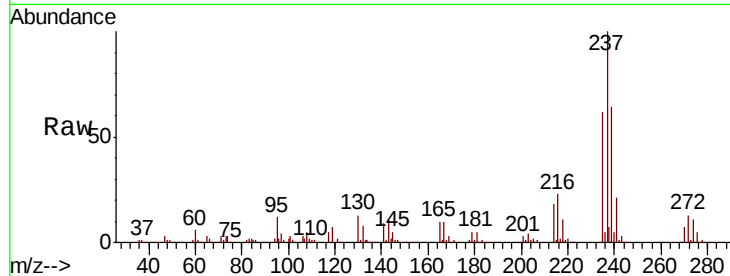
Tgt Ion:237 Resp: 189233

Ion Ratio Lower Upper

237 100

235 62.5 43.7 83.7

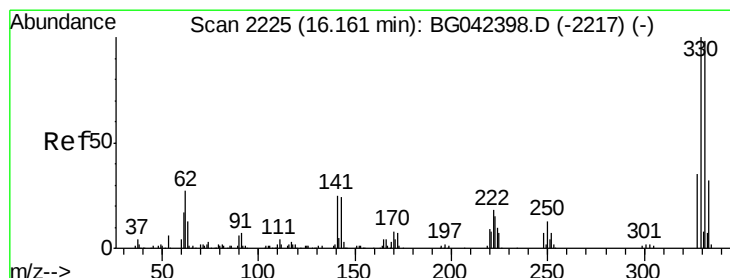
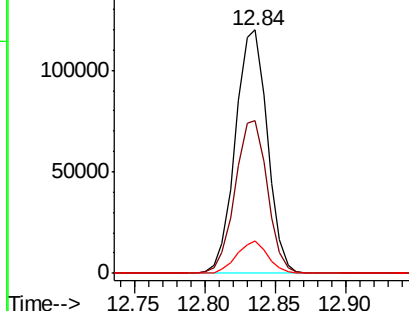
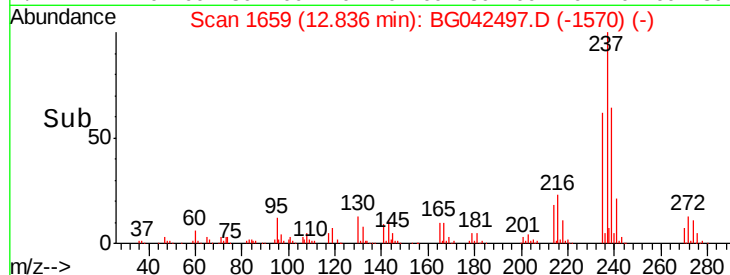
272 13.5 0.0 33.3



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: 94.109 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

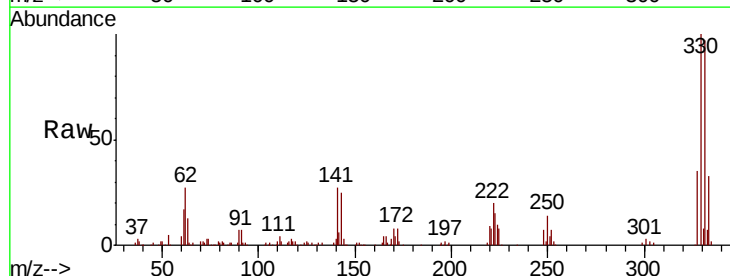
Tgt Ion:330 Resp: 186053

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

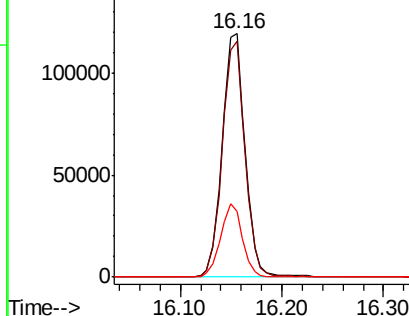
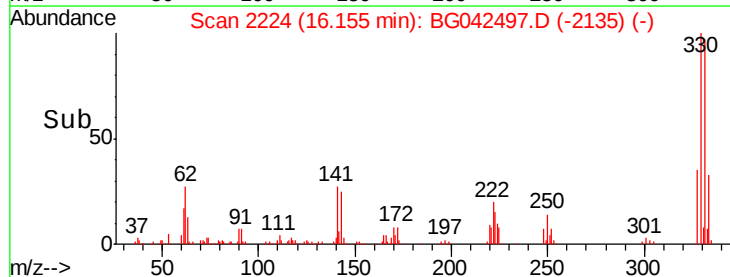
141 28.8 21.4 32.0



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

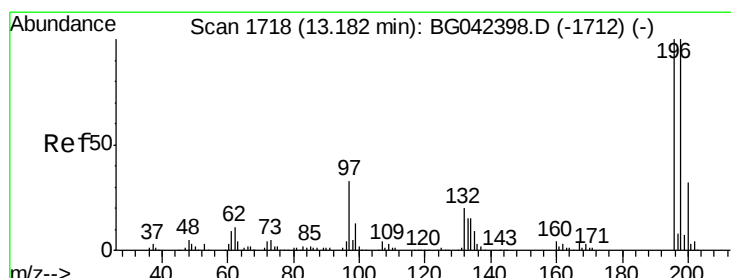
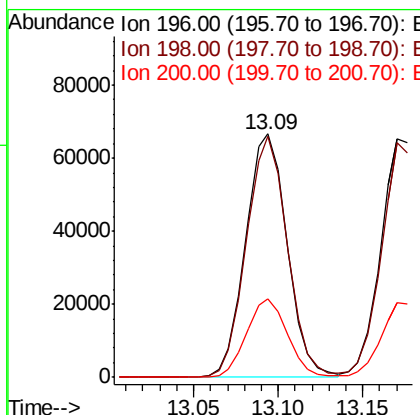
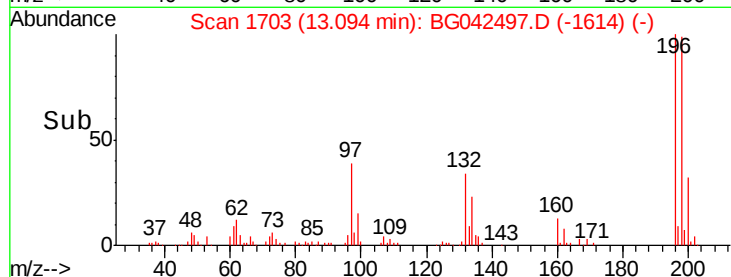
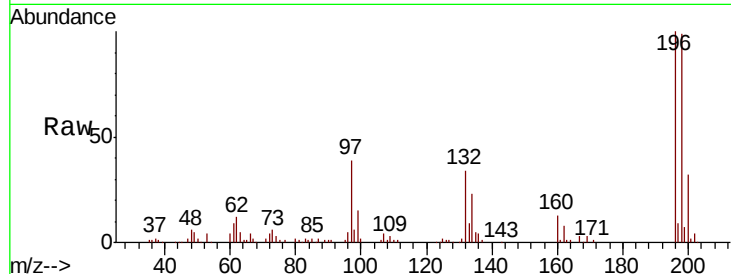




#43
 2,4,6-Trichlorophenol
 Concen: 37.728 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

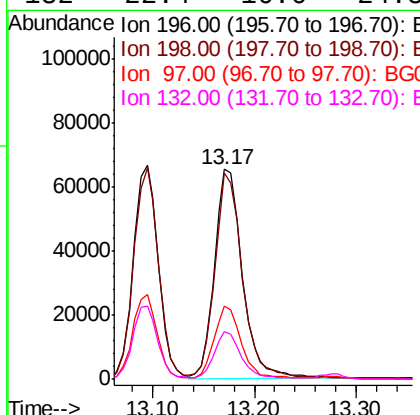
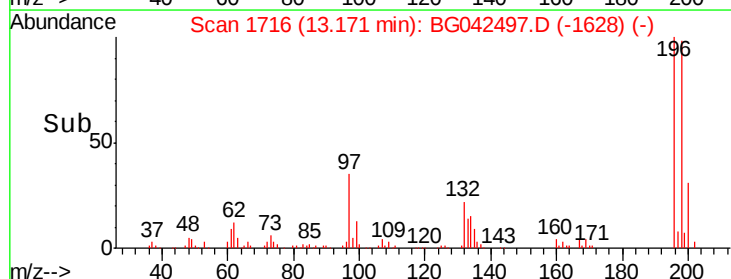
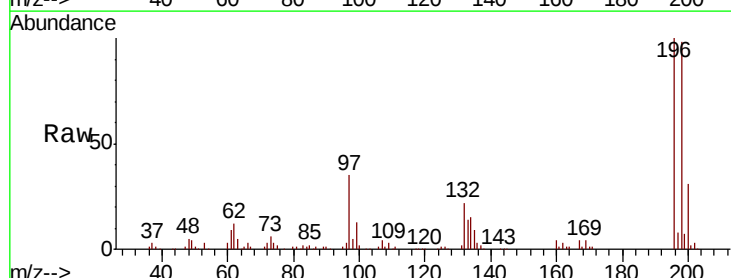
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

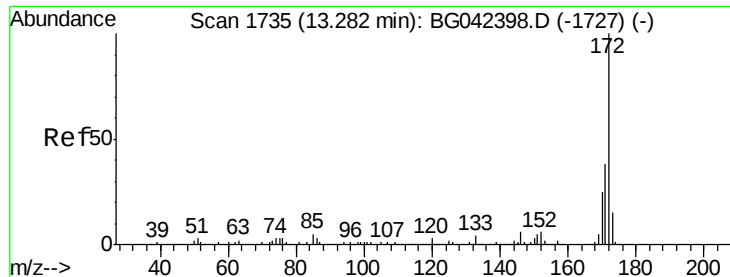
Tgt Ion:196 Resp: 113911
 Ion Ratio Lower Upper
 196 100
 198 99.0 80.7 121.1
 200 32.5 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 39.710 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion:196 Resp: 124244
 Ion Ratio Lower Upper
 196 100
 198 98.3 80.2 120.4
 97 34.9 26.3 39.5
 132 22.4 16.6 24.8

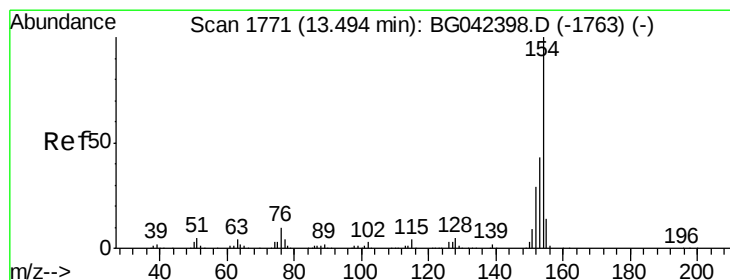
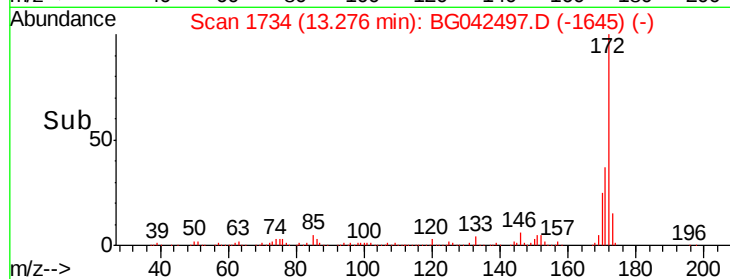
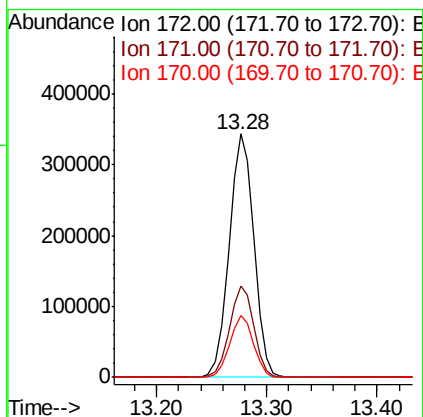
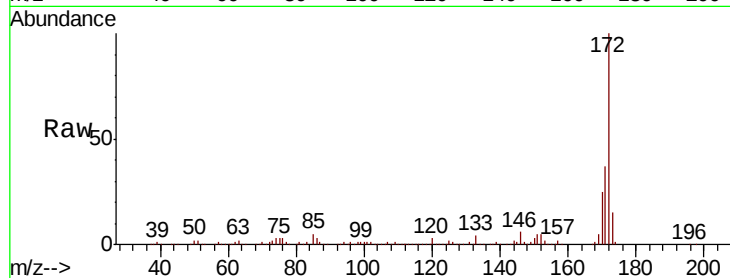




#45
 2-Fluorobiphenyl
 Concen: 65.487 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

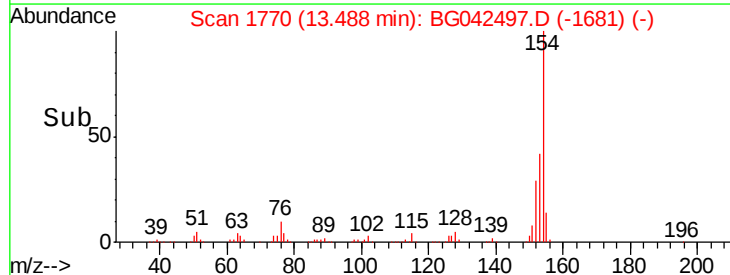
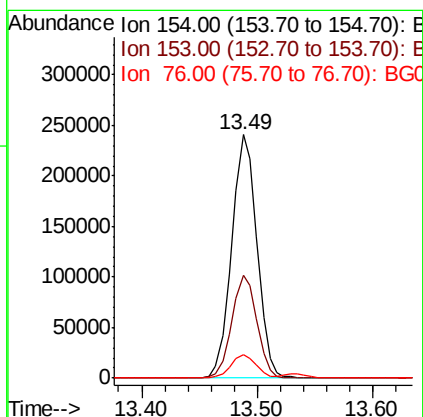
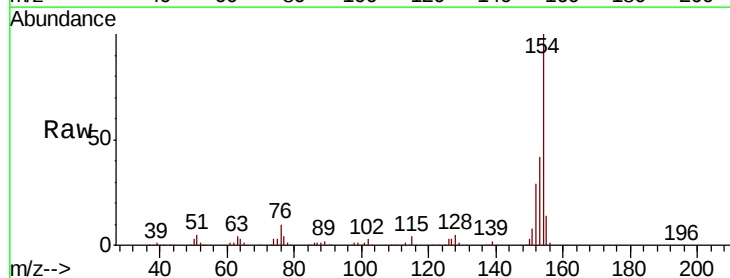
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

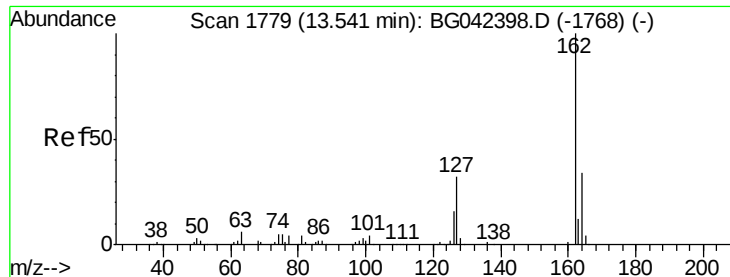
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	25.2	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 40.528 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.0	63.0
76	9.8	0.0	29.6

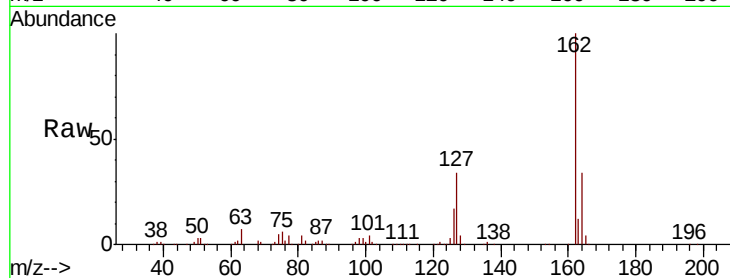




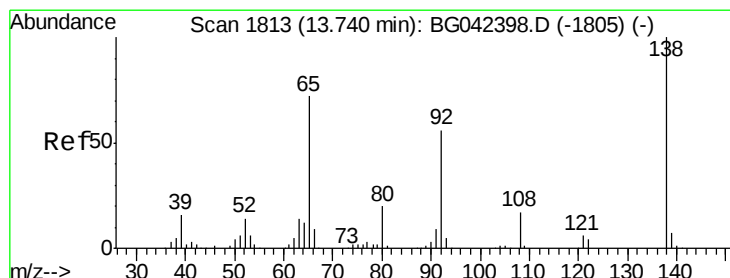
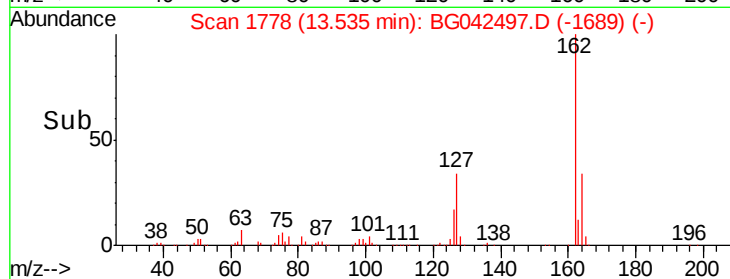
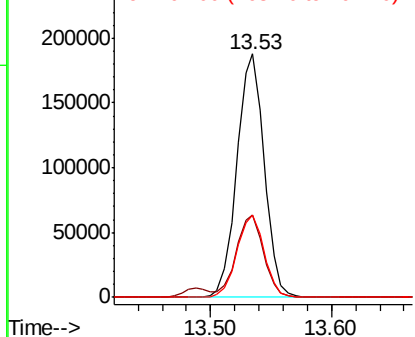
#47
 2-Chloronaphthalene
 Concen: 38.276 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.9	26.0	39.0
164	34.0	27.4	41.0

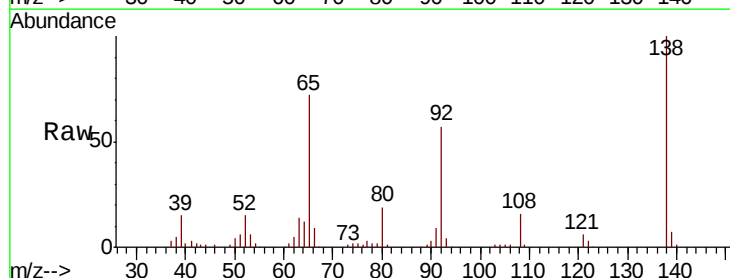


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

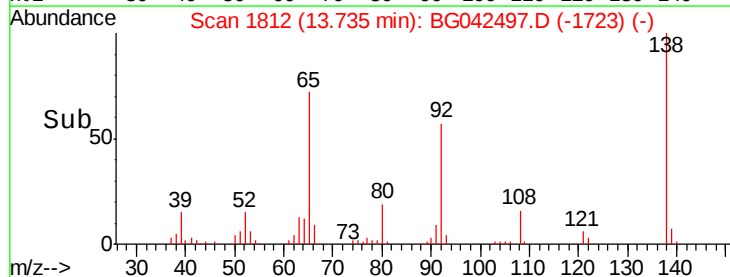
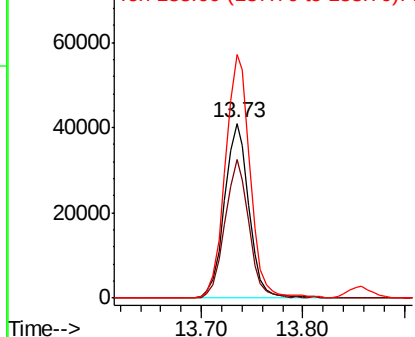


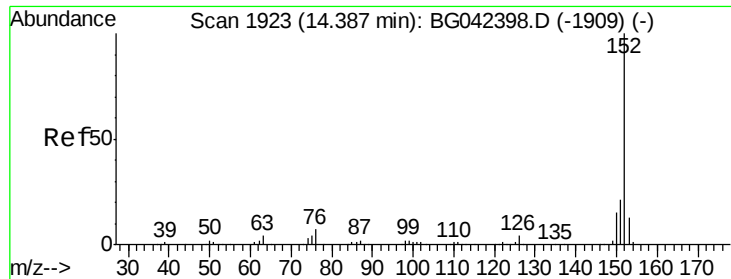
#48
 2-Nitroaniline
 Concen: 36.651 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.5	61.8	92.6
138	139.5	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: 40.200 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

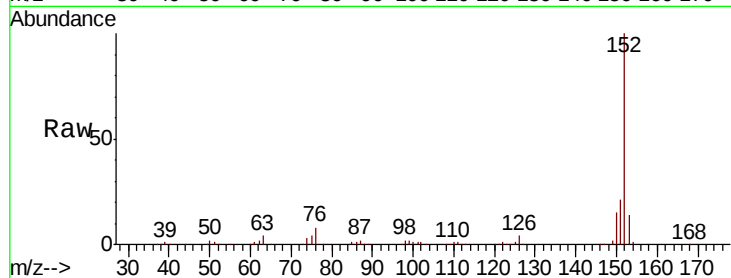
Instrument :

BNA_G

ClientSampleId :

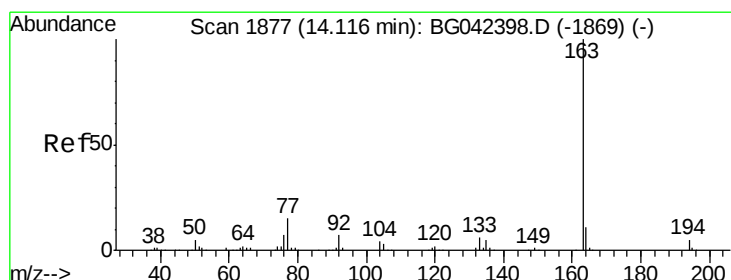
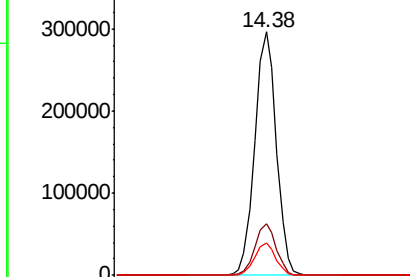
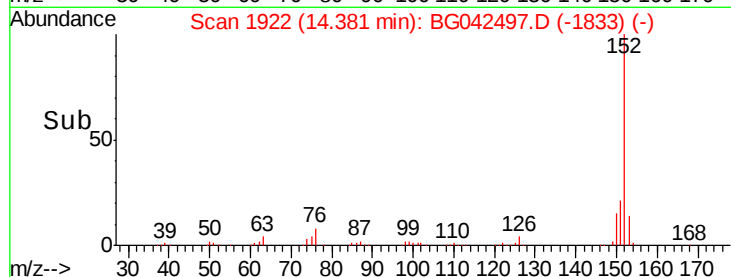
PB122444BS

Tgt Ion:	152	Resp:	468885
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.4
153	13.5	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

14.38



#50

Dimethylphthalate

Concen: 36.996 ng

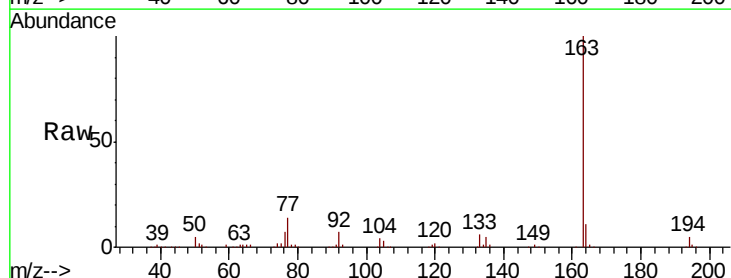
RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042497.D

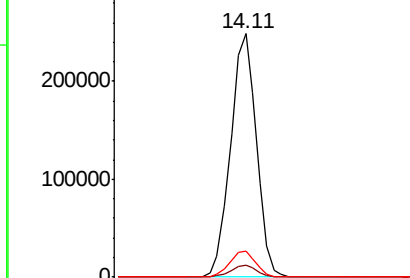
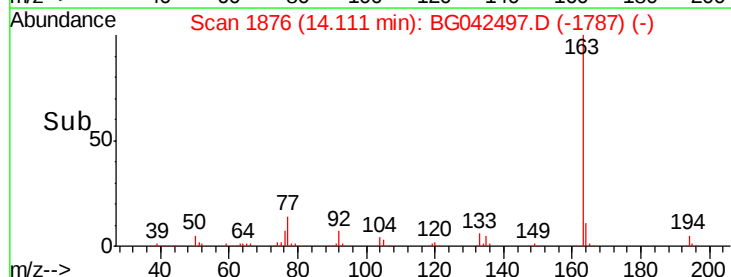
Acq: 26 Aug 2019 13:07

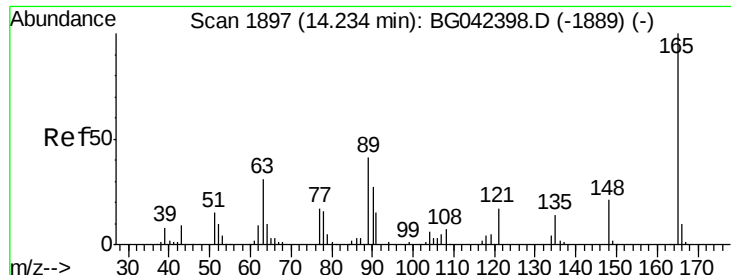
Tgt Ion:	163	Resp:	371300
Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.9	8.8	13.2



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

14.11

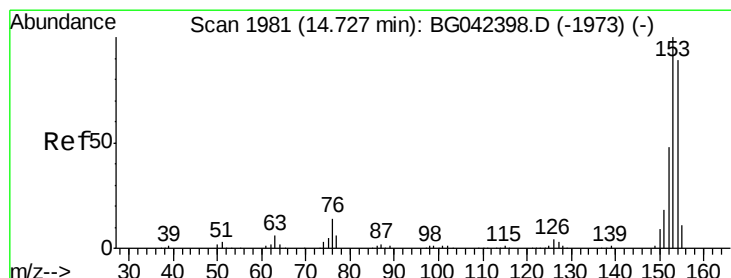
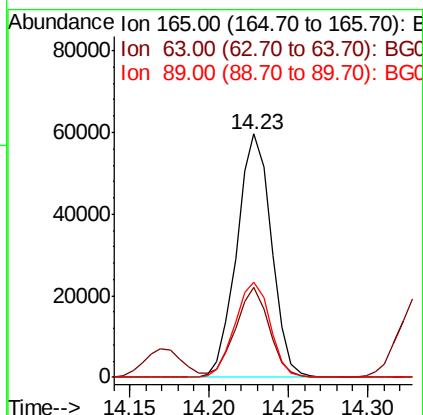
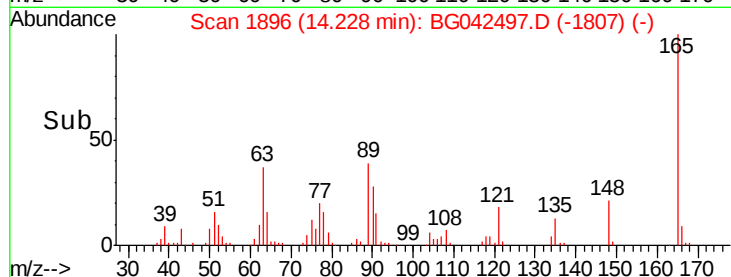
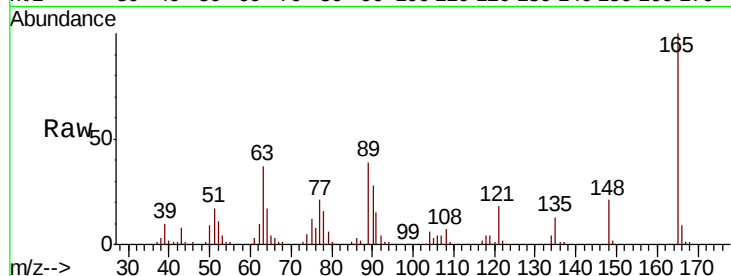




#51
 2,6-Dinitrotoluene
 Concen: 38.803 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

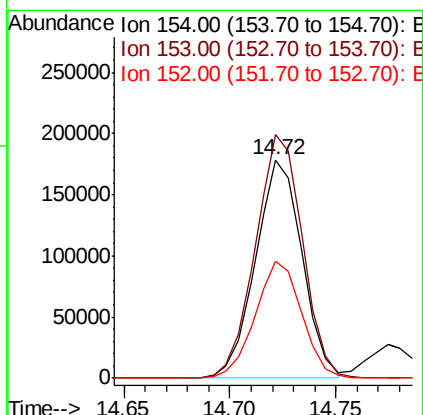
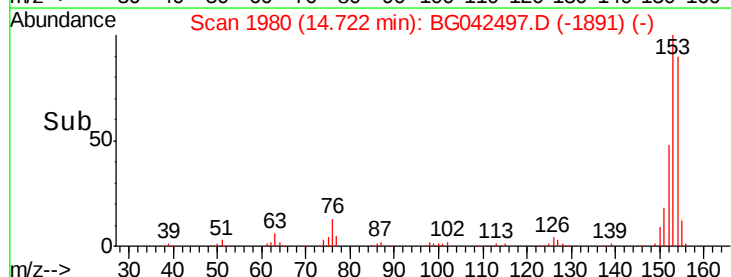
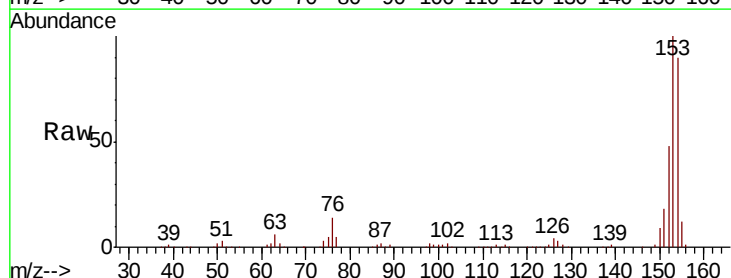
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.1	30.6	45.8
89	39.2	32.6	49.0



#52
 Acenaphthene
 Concen: 38.573 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.2	135.4
152	53.4	43.2	64.8

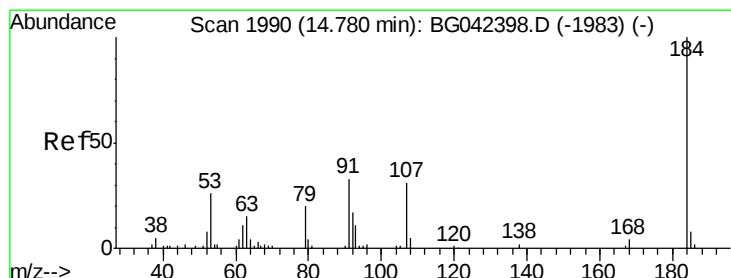
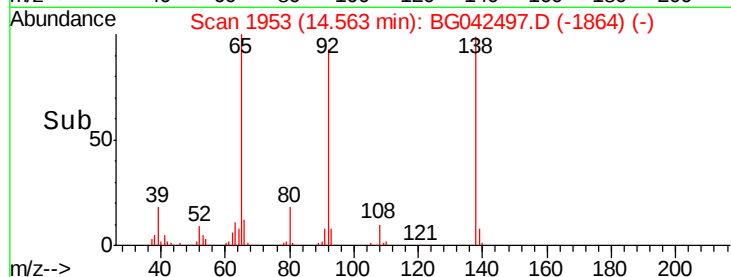
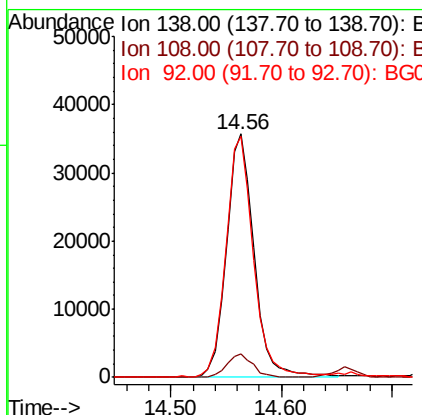
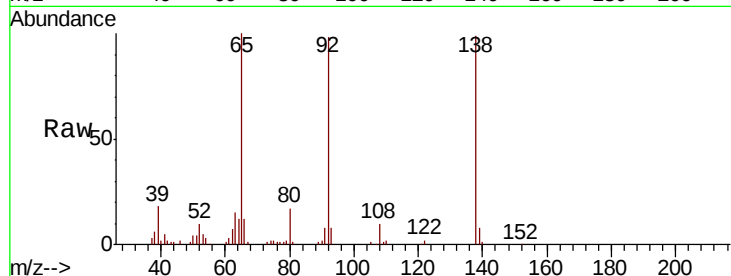




#53
 3-Nitroaniline
 Concen: 26.791 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

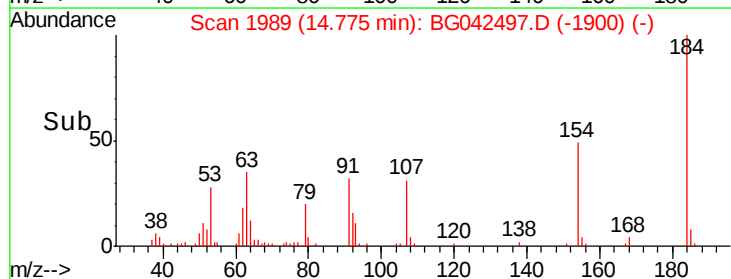
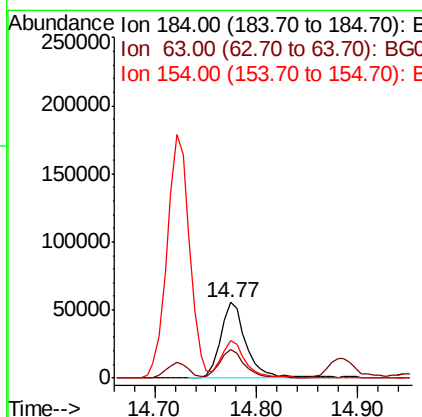
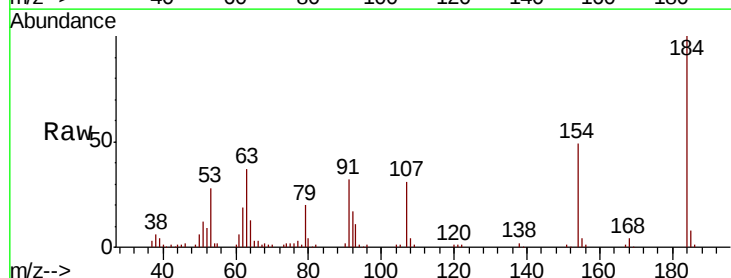
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tgt Ion:138 Resp: 62329
 Ion Ratio Lower Upper
 138 100
 108 9.6 8.3 12.5
 92 98.8 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 63.459 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion:184 Resp: 97310
 Ion Ratio Lower Upper
 184 100
 63 37.2 31.7 47.5
 154 48.9 42.0 63.0

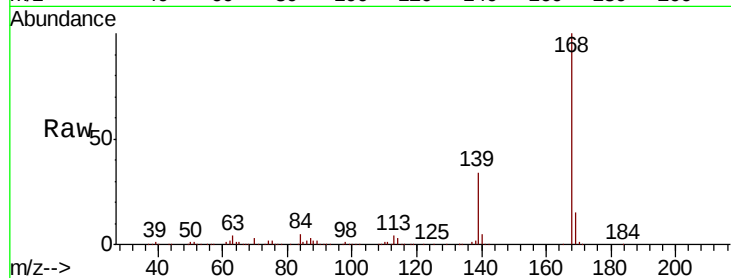




#55
Dibenzenofuran
Concen: 39.336 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.9	27.2	40.8
169	14.8	11.5	17.3

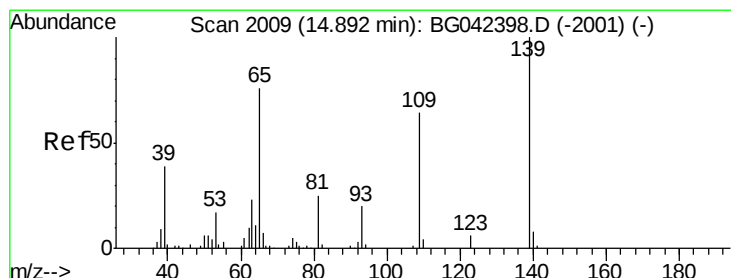
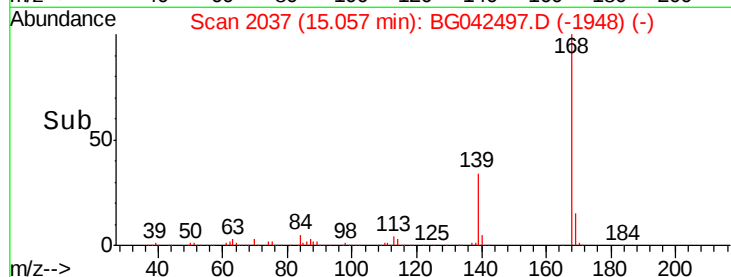
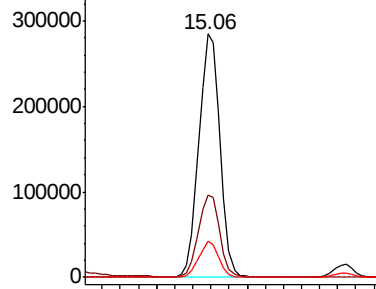


Abundance

Ion 168.00 (167.70 to 168.70): E

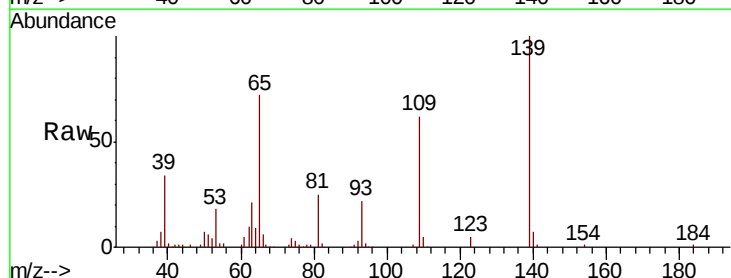
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 80.262 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	43.9	83.9
65	71.7	56.3	96.3

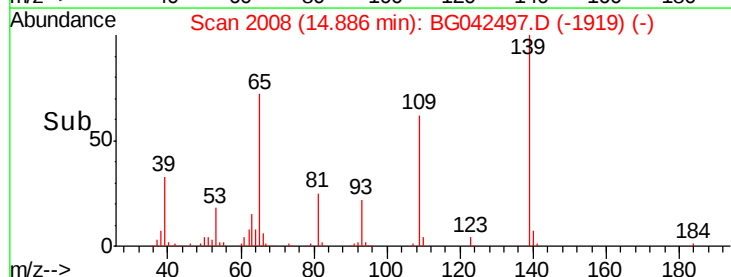
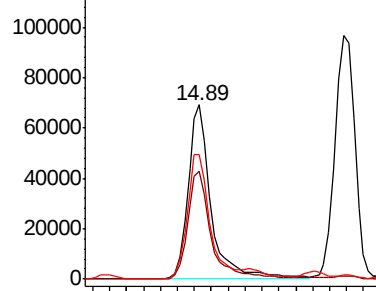


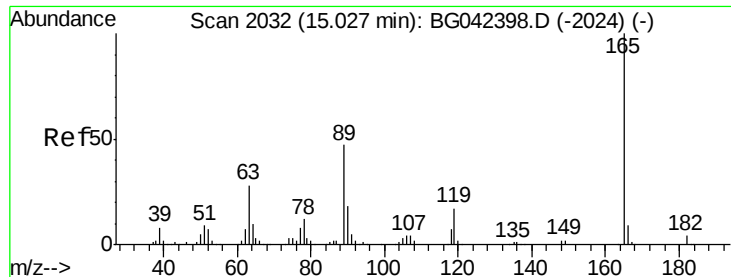
Abundance

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

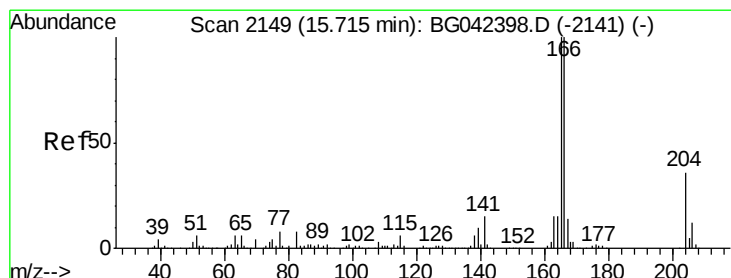
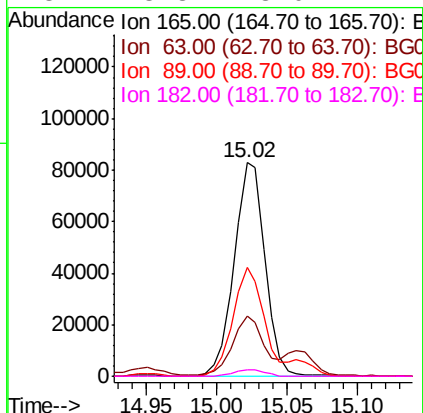
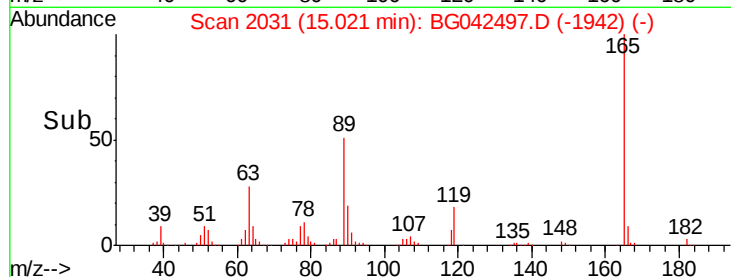
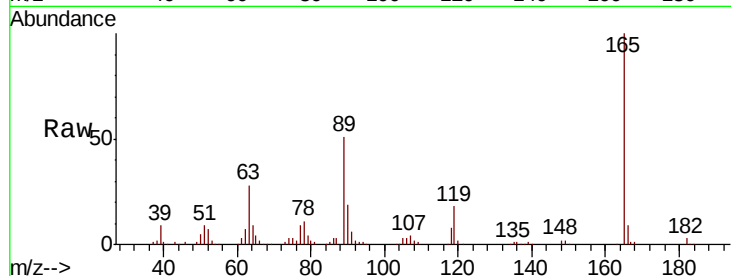




#57
 2,4-Dinitrotoluene
 Concen: 37.830 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

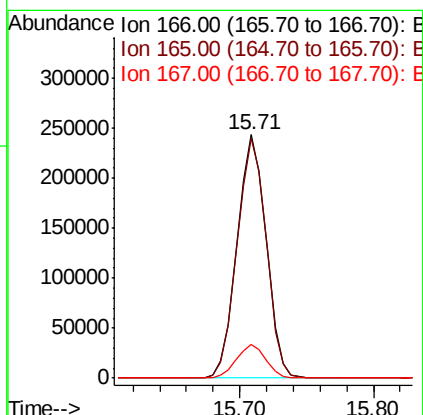
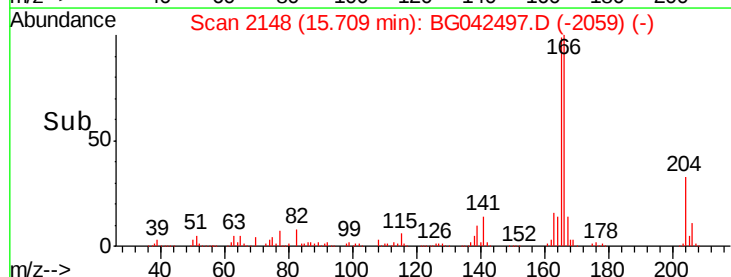
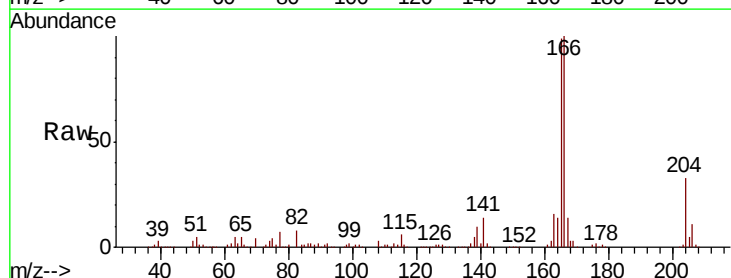
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

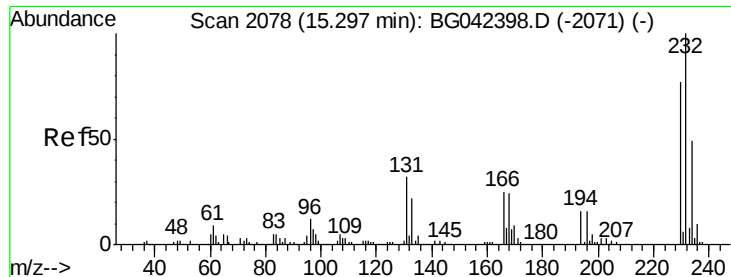
Tgt Ion:	165	Resp:	126019
Ion	Ratio	Lower	Upper
165	100		
63	28.1	22.5	33.7
89	51.0	37.8	56.6
182	3.3	3.0	4.4



#58
 Fluorene
 Concen: 38.375 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion:	166	Resp:	367754
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.7	119.5
167	14.0	10.9	16.3

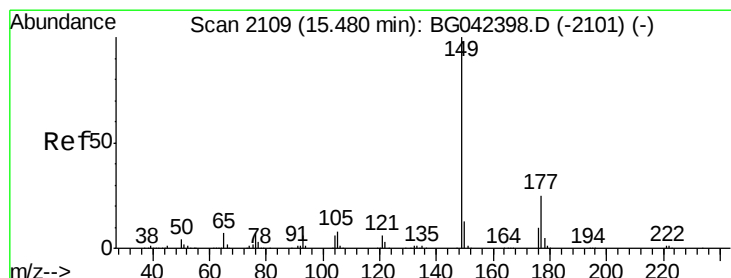
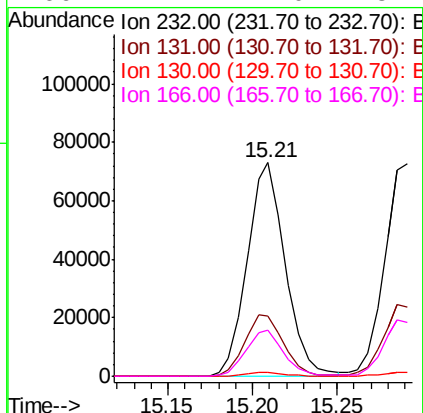
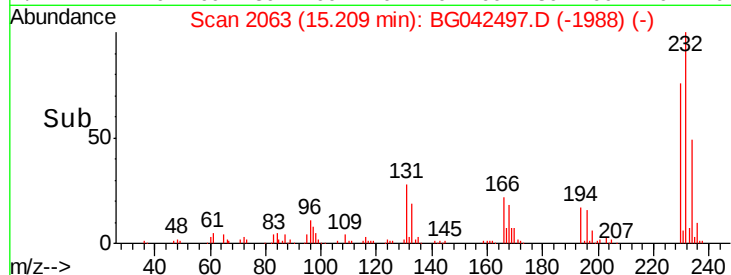
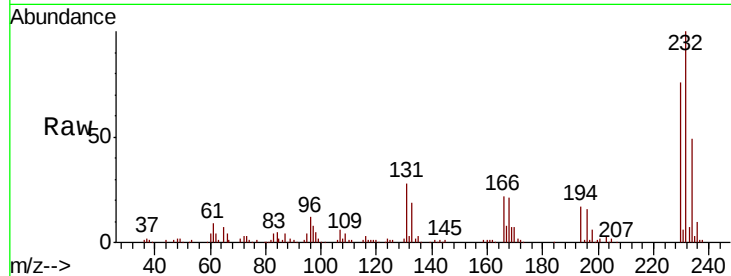




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.920 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

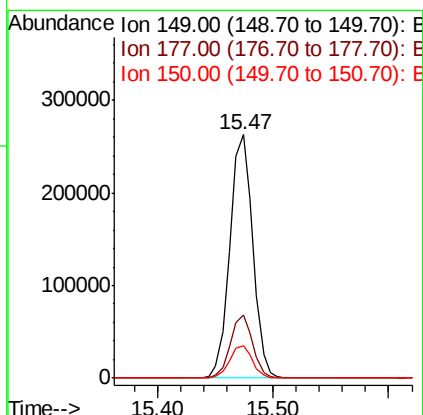
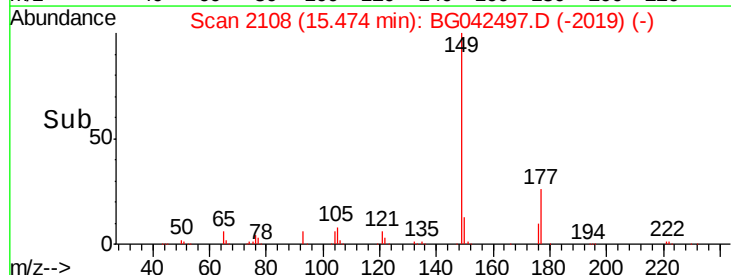
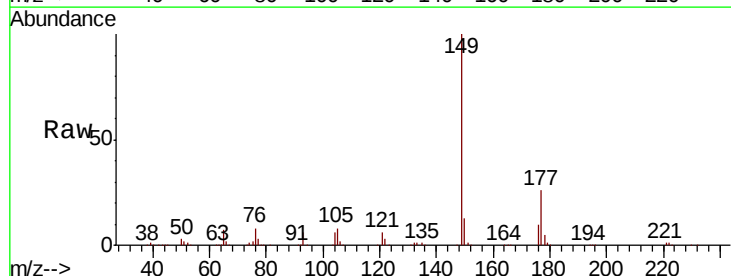
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tgt Ion:	232	Resp:	114235
Ion	Ratio	Lower	Upper
232	100		
131	29.4	22.9	34.3
130	1.8	1.4	2.0
166	21.4	17.0	25.4



#60
 Diethylphthalate
 Concen: 36.797 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion:	149	Resp:	361007
Ion	Ratio	Lower	Upper
149	100		
177	25.8	20.4	30.6
150	13.1	10.3	15.5

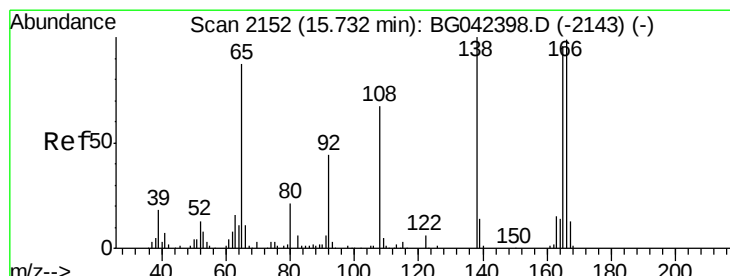
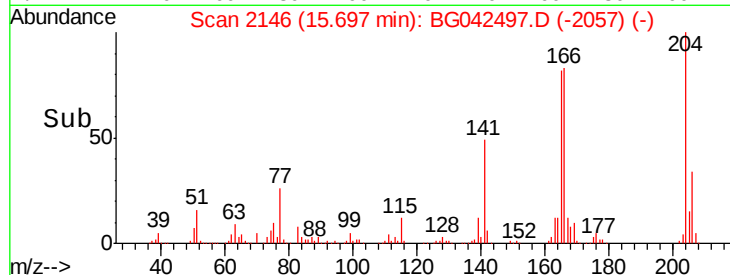
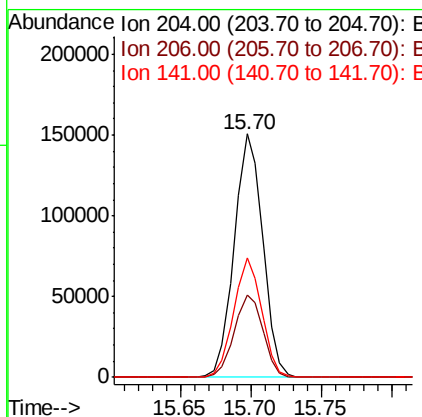
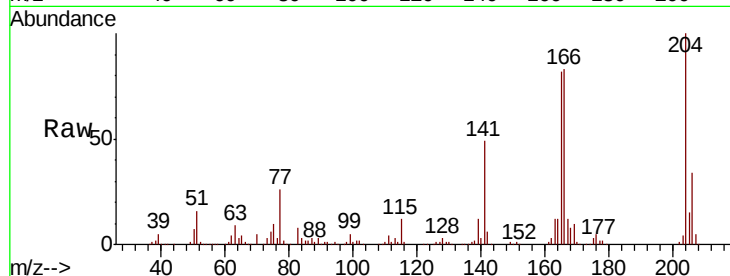




#61
 4-Chlorophenyl-phenylether
 Concen: 36.778 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

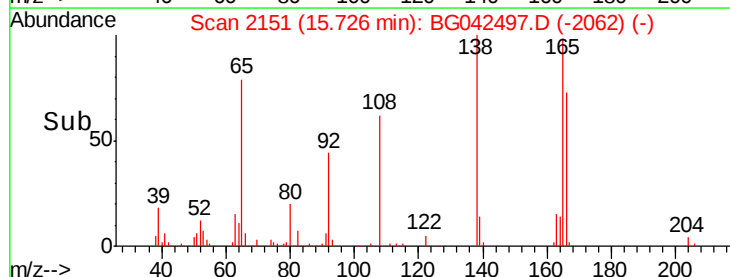
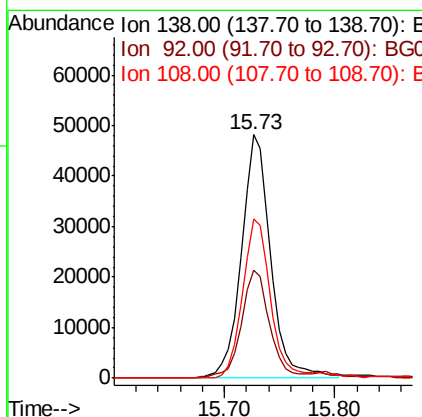
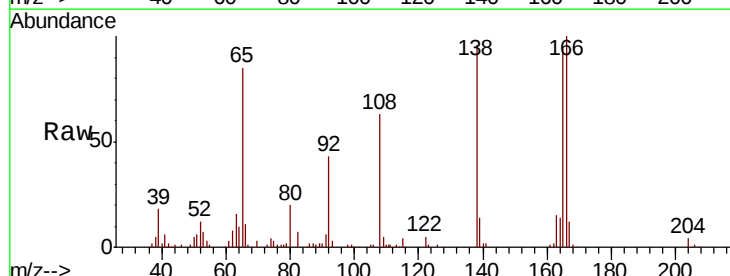
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

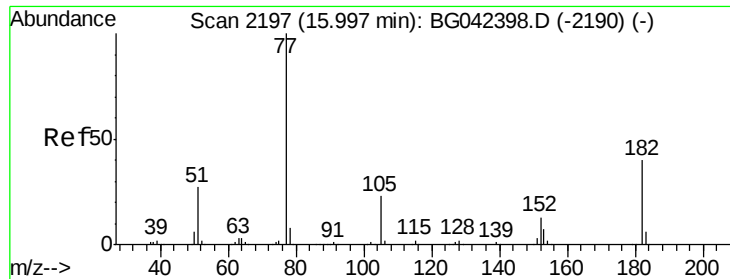
Tgt Ion: 204 Resp: 212461
 Ion Ratio Lower Upper
 204 100
 206 33.7 27.2 40.8
 141 49.1 38.7 58.1



#62
 4-Nitroaniline
 Concen: 35.970 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion: 138 Resp: 89564
 Ion Ratio Lower Upper
 138 100
 92 44.5 24.2 64.2
 108 65.6 46.8 86.8

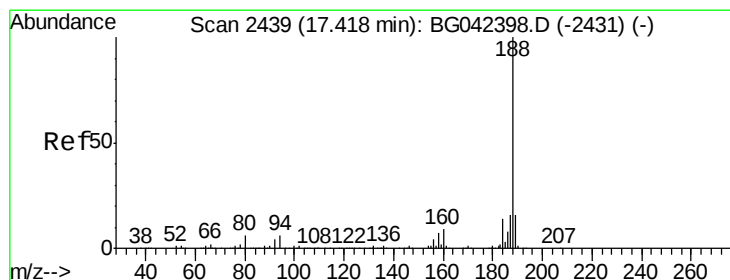
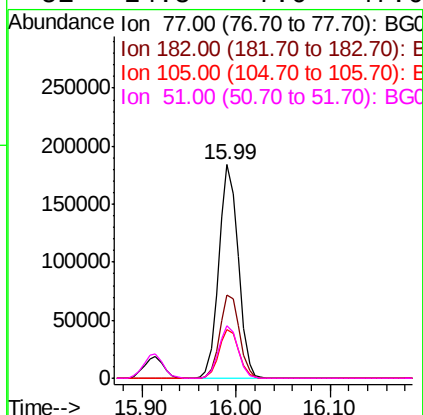
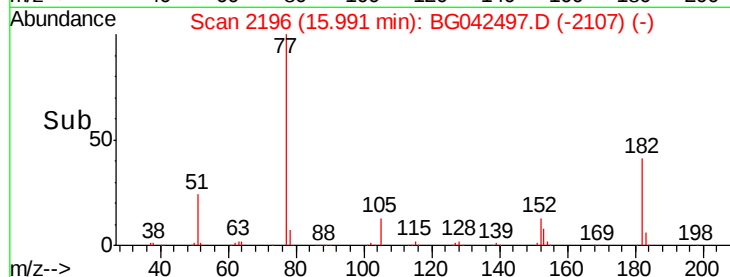
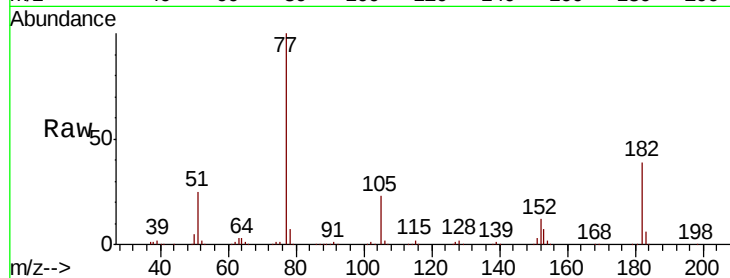




#63
Azobenzene
Concen: 39.574 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

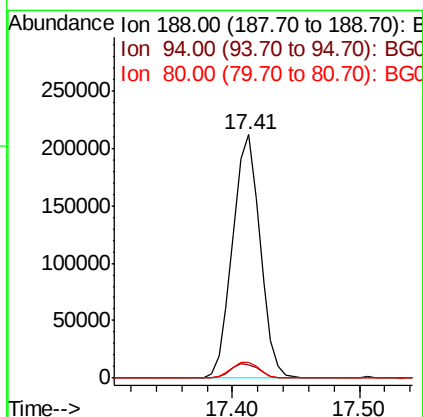
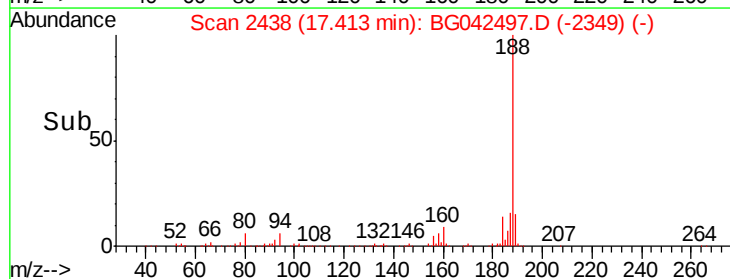
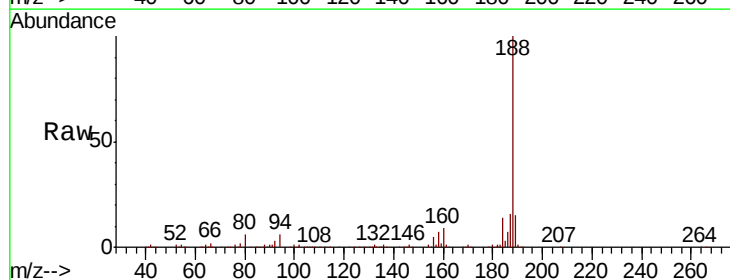
Instrument :
BNA_G
ClientSampleId :
PB122444BS

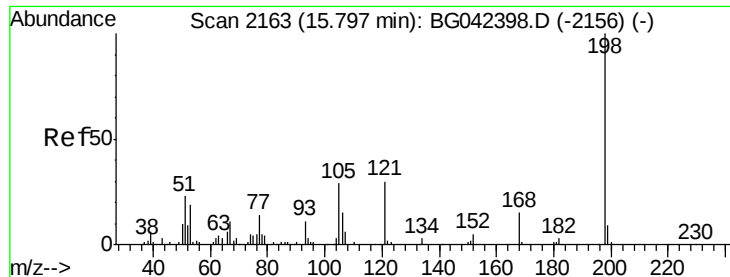
Tgt Ion: 77 Resp: 266040
Ion Ratio Lower Upper
77 100
182 38.9 19.9 59.9
105 23.0 2.9 42.9
51 24.8 7.6 47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion: 188 Resp: 317549
Ion Ratio Lower Upper
188 100
94 5.5 4.5 6.7
80 6.4 4.9 7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 39.635 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

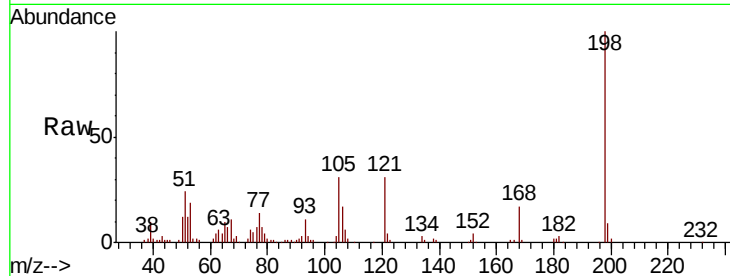
Tgt Ion:198 Resp: 78909

Ion Ratio Lower Upper

198 100

51 23.9 4.2 44.2

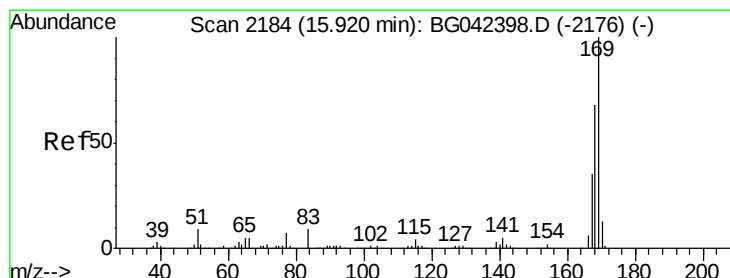
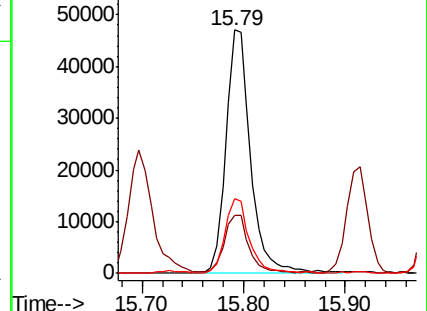
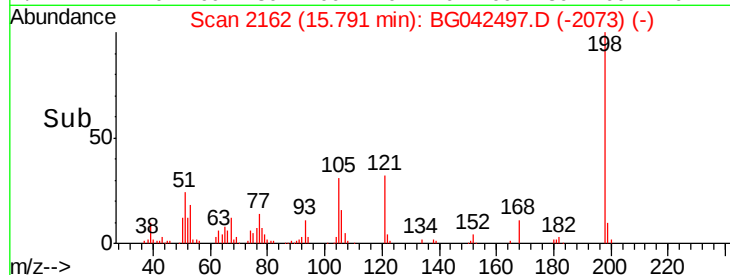
105 30.9 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.059 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

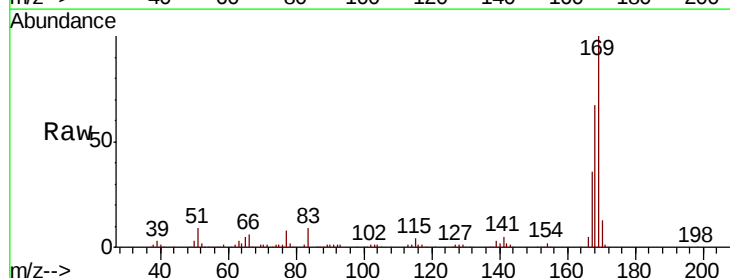
Tgt Ion:169 Resp: 341097

Ion Ratio Lower Upper

169 100

168 66.8 54.3 81.5

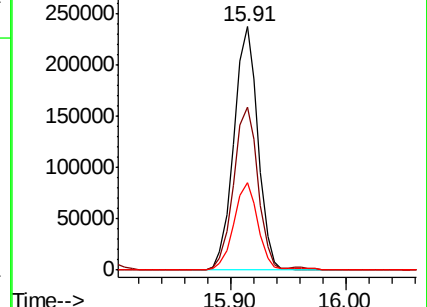
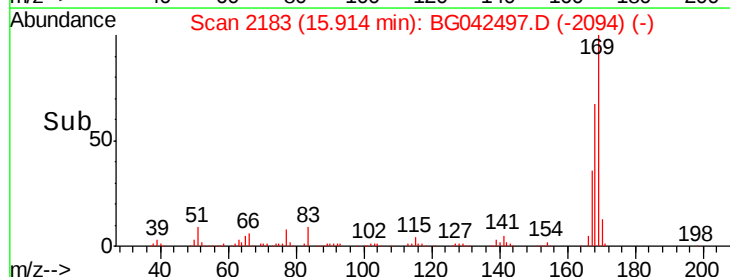
167 36.1 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

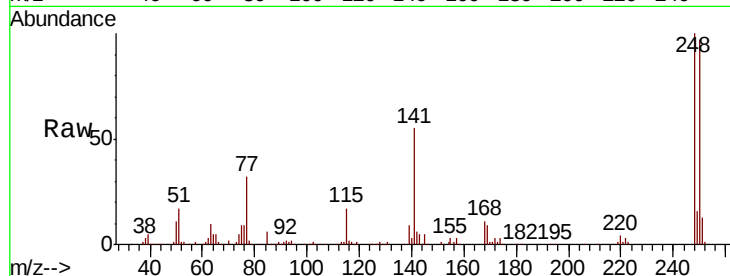




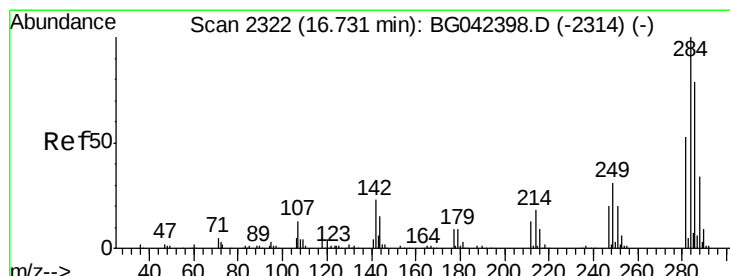
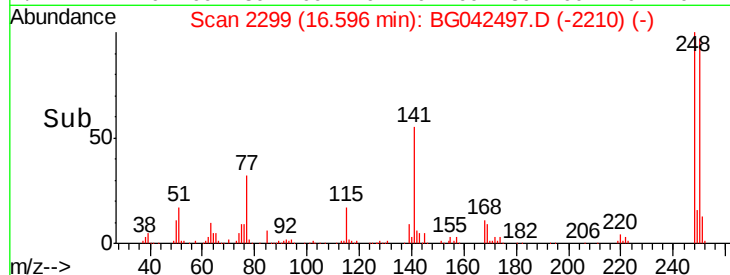
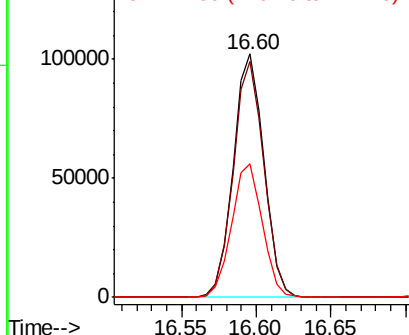
#67
 4-Bromophenyl-phenylether
 Concen: 36.196 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tgt Ion: 248 Resp: 145792
 Ion Ratio Lower Upper
 248 100
 250 96.8 78.9 118.3
 141 54.9 43.3 64.9

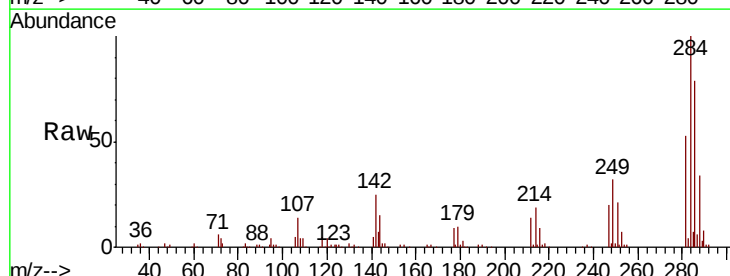


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

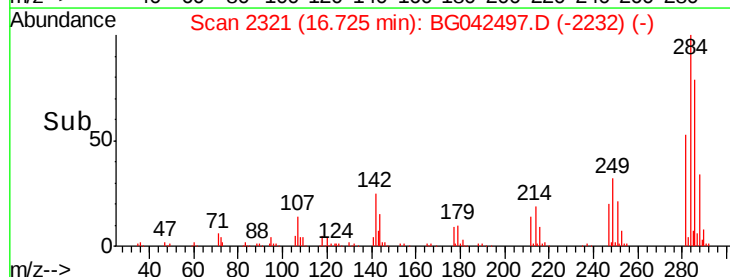
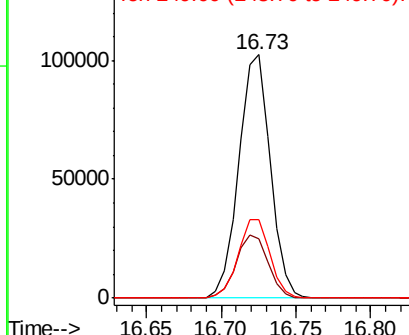


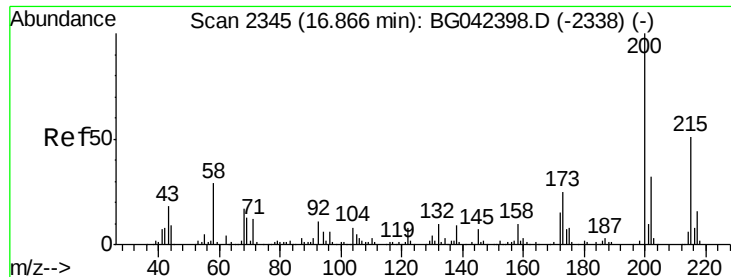
#68
 Hexachlorobenzene
 Concen: 34.292 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion: 284 Resp: 150152
 Ion Ratio Lower Upper
 284 100
 142 24.5 18.2 27.4
 249 32.2 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: 40.502 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

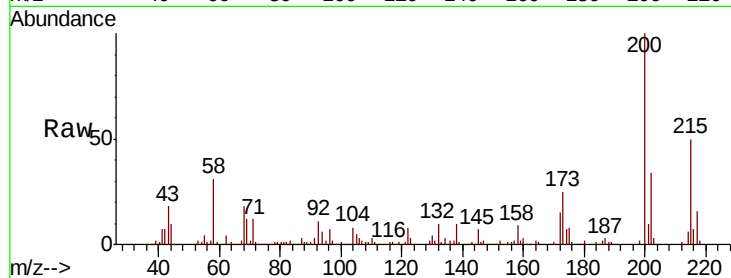
Tgt Ion:200 Resp: 125079

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

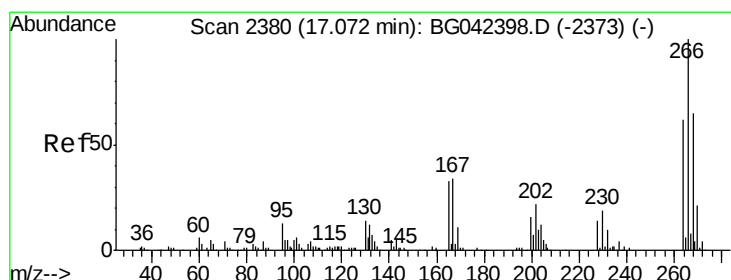
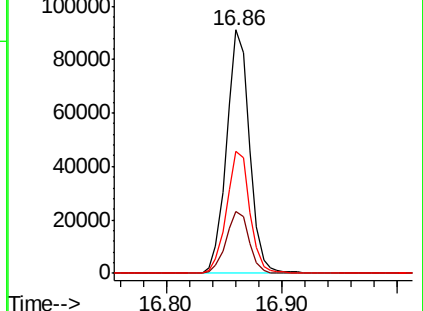
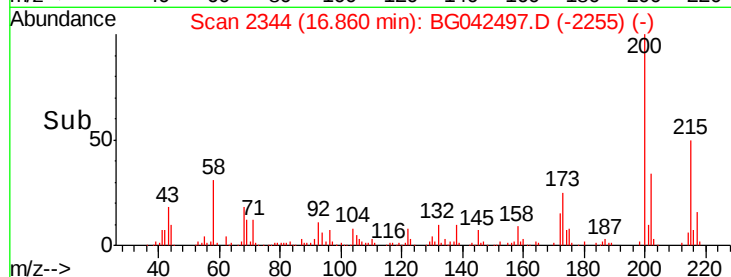
215 50.1 30.7 70.7



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: 77.360 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

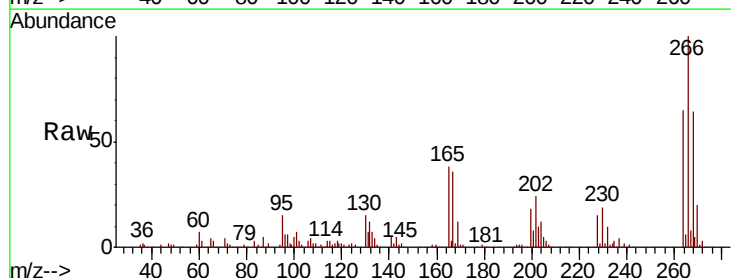
Tgt Ion:266 Resp: 175999

Ion Ratio Lower Upper

266 100

268 64.4 52.1 78.1

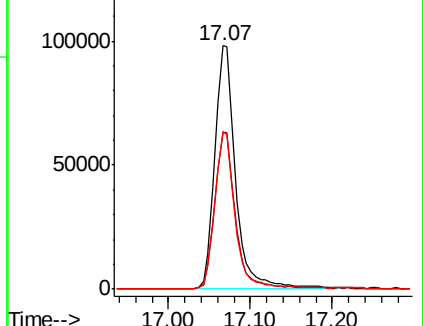
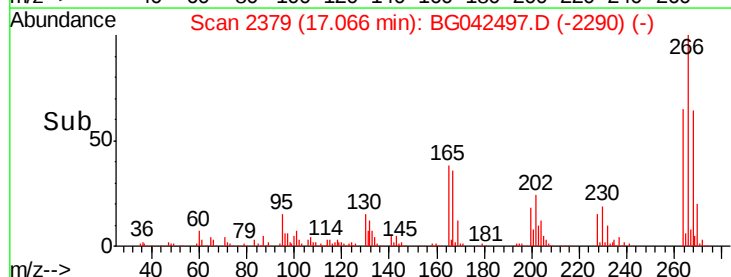
264 64.6 49.4 74.2

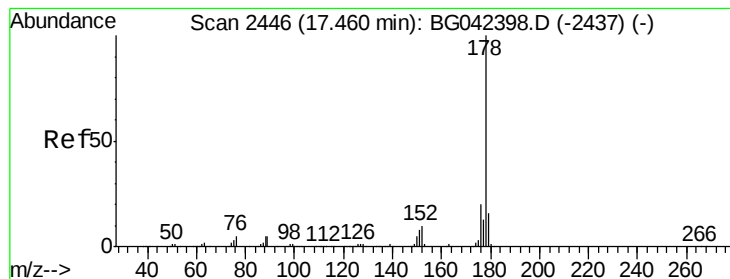


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.288 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

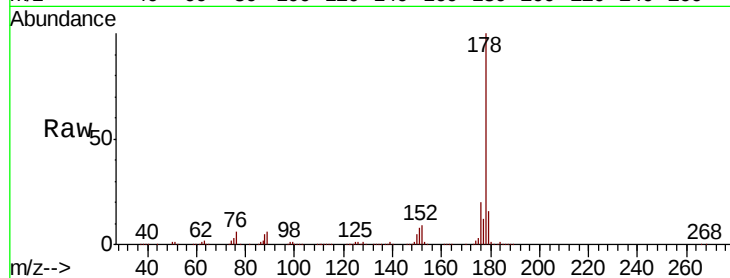
Tgt Ion:178 Resp: 619691

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

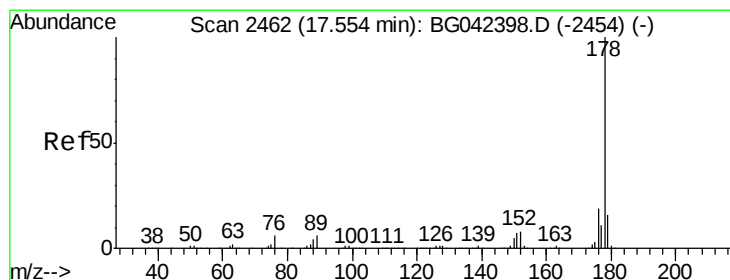
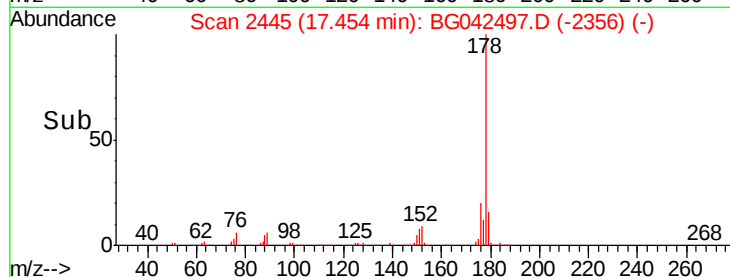
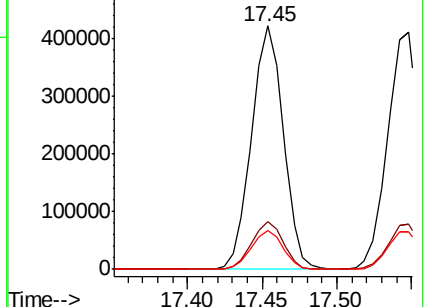
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.017 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

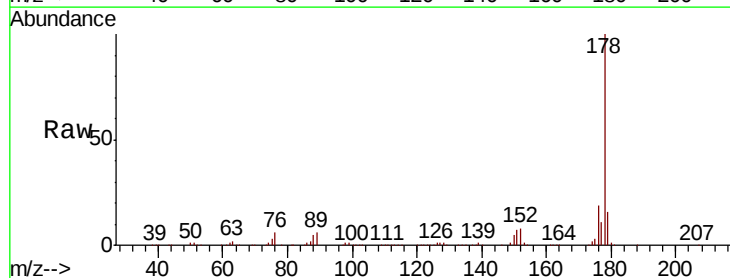
Tgt Ion:178 Resp: 630126

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

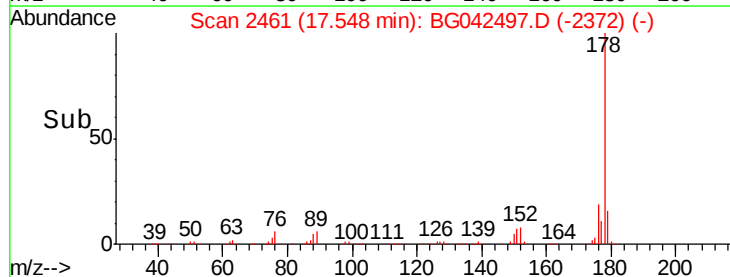
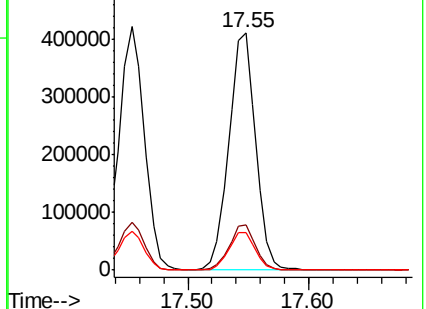
179 16.0 12.9 19.3

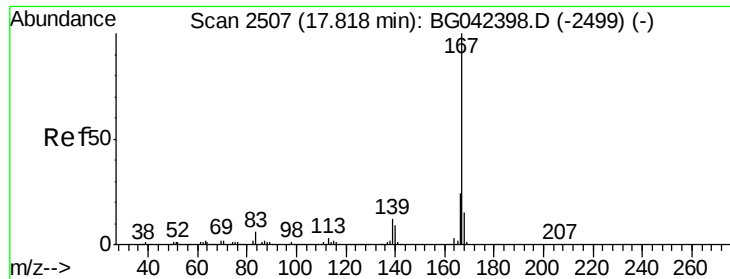


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

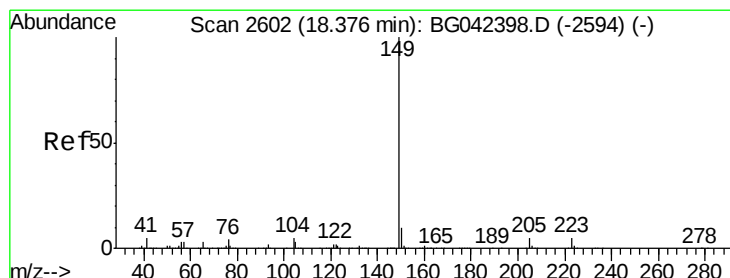
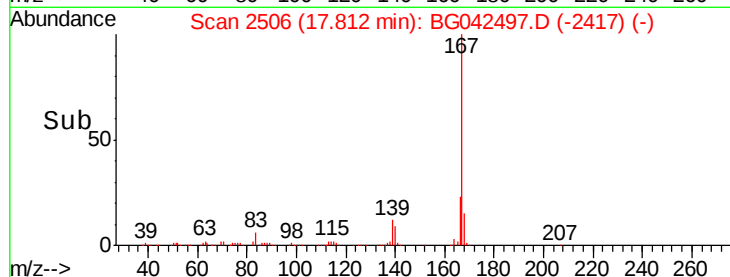
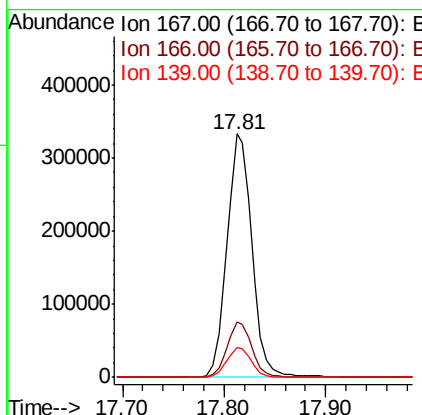
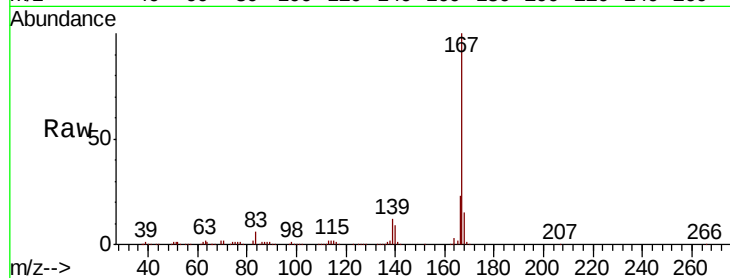




#73
 Carbazole
 Concen: 40.463 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

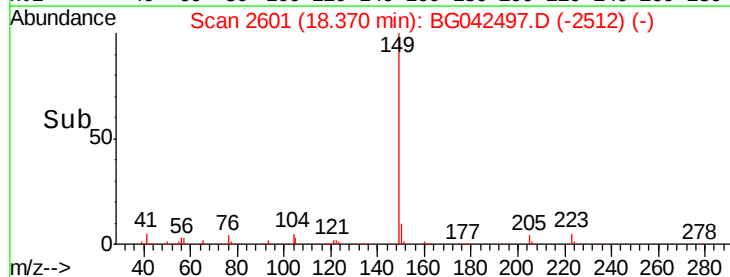
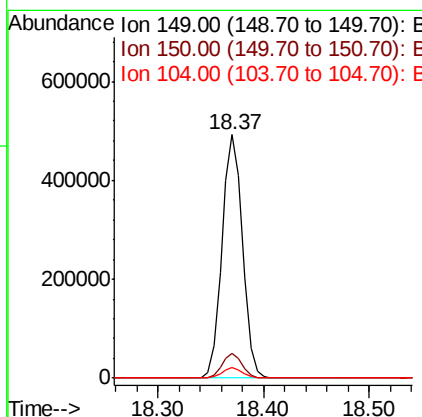
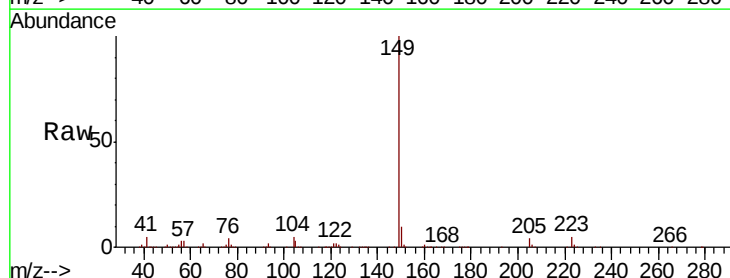
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tgt Ion:167 Resp: 567852
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.9 28.3
 139 12.1 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 40.087 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion:149 Resp: 665007
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.1 12.1
 104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 42.023 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

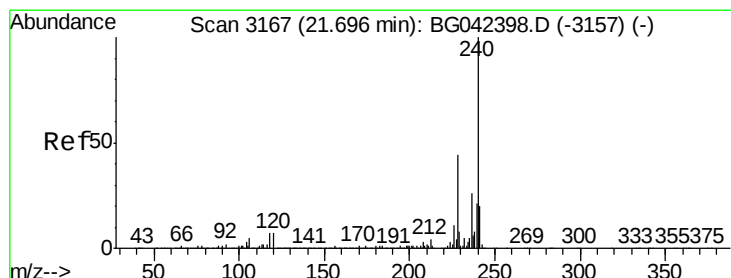
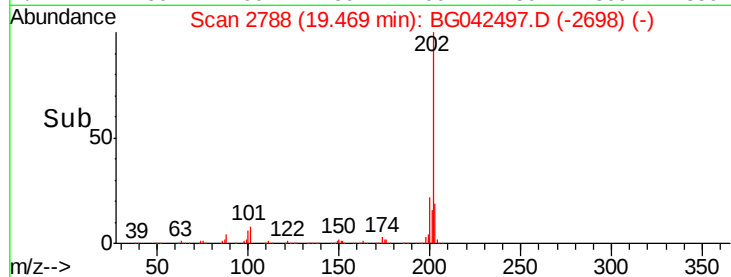
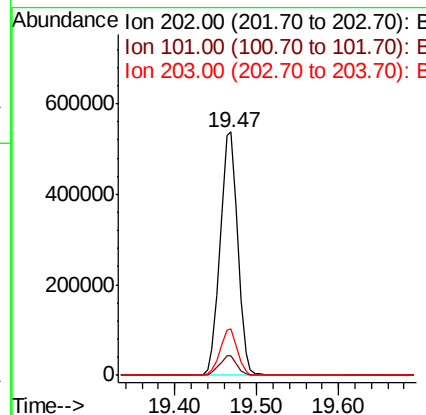
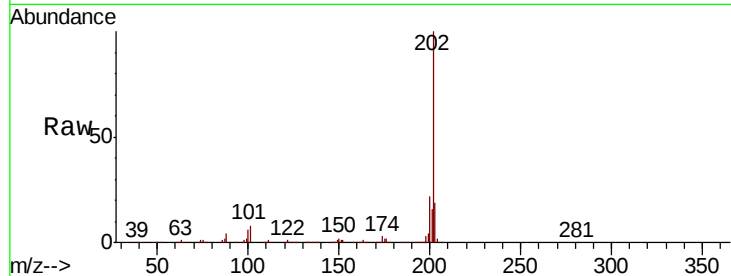
Instrument :

BNA_G

ClientSampleId :

PB122444BS

Tgt Ion:	202	Resp:	808953
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.3
203	19.0	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

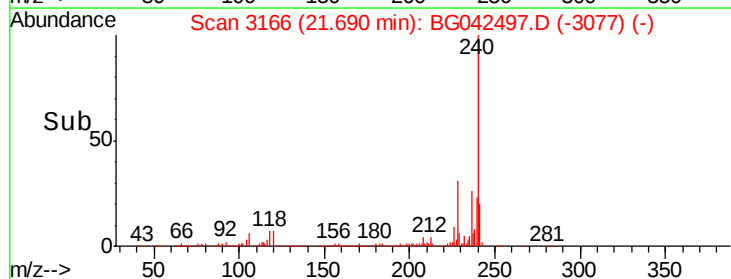
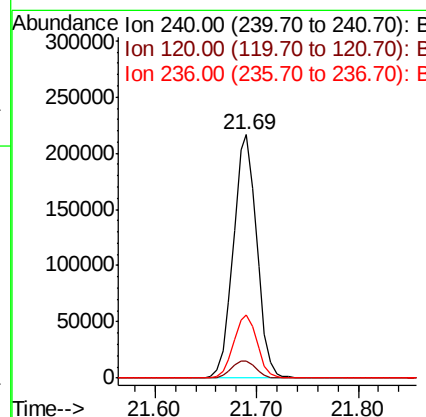
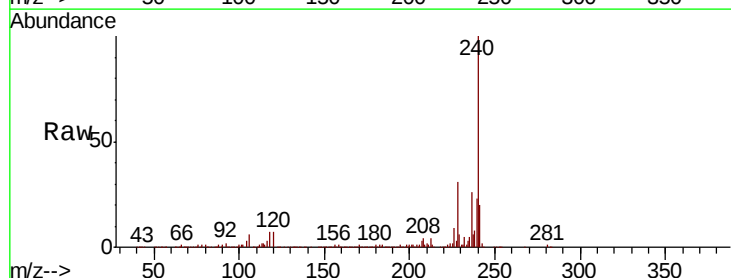
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	240	Resp:	346636
Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	25.8	21.0	31.4





#77

Benzidine

Concen: 35.517 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

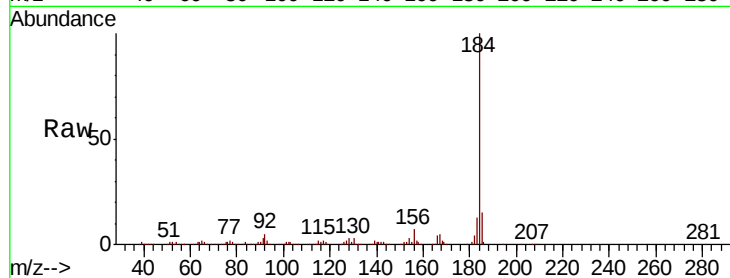
Tgt Ion:184 Resp: 352972

Ion Ratio Lower Upper

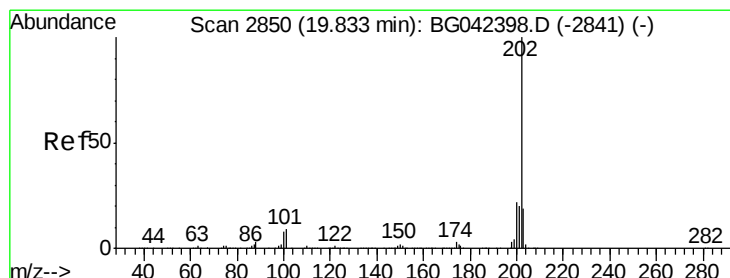
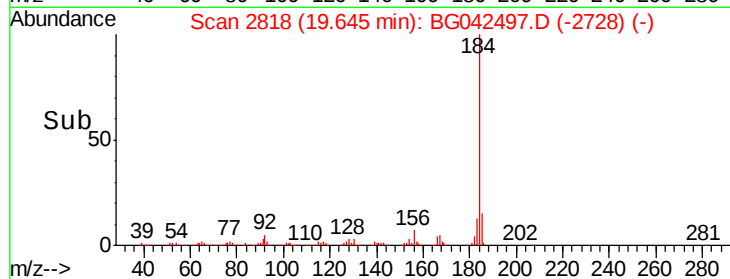
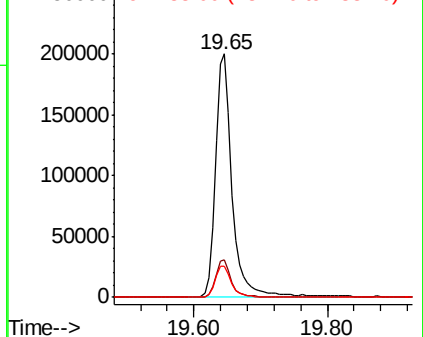
184 100

185 15.2 12.2 18.4

183 12.7 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.630 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

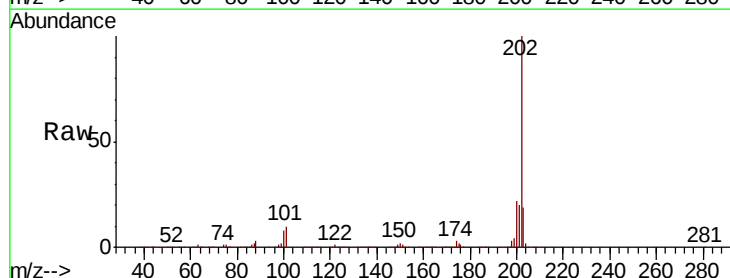
Tgt Ion:202 Resp: 820974

Ion Ratio Lower Upper

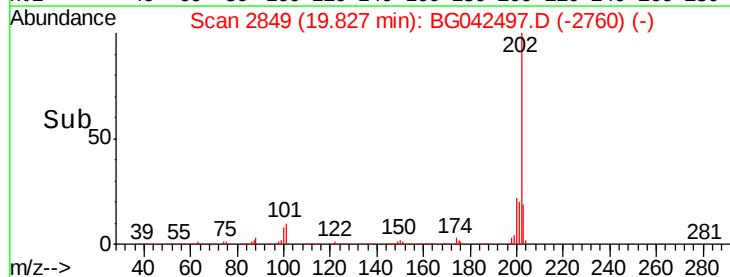
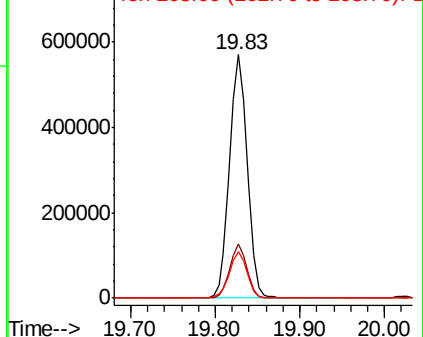
202 100

200 22.1 17.8 26.6

203 18.9 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: 62.552 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

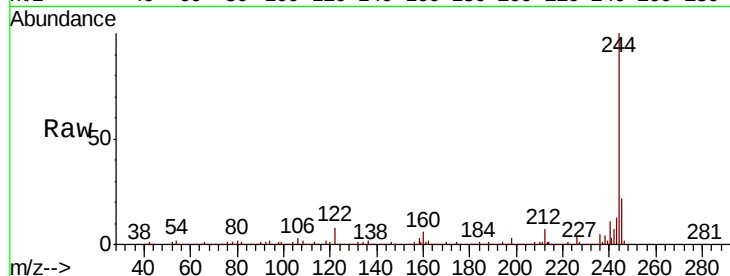
Tgt Ion:244 Resp: 1002944

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

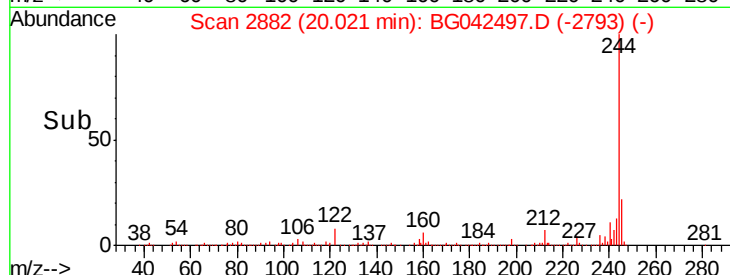
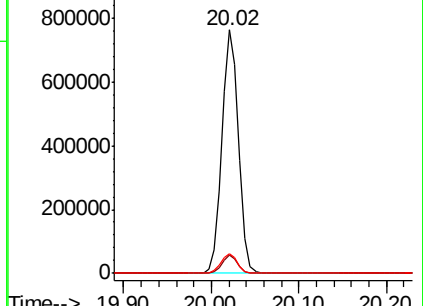
122 8.3 6.7 10.1



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: 38.674 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

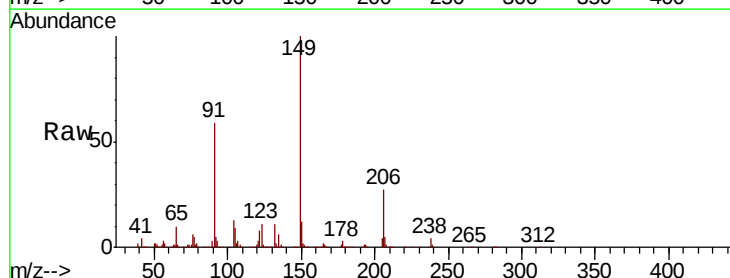
Tgt Ion:149 Resp: 323272

Ion Ratio Lower Upper

149 100

91 59.5 45.9 68.9

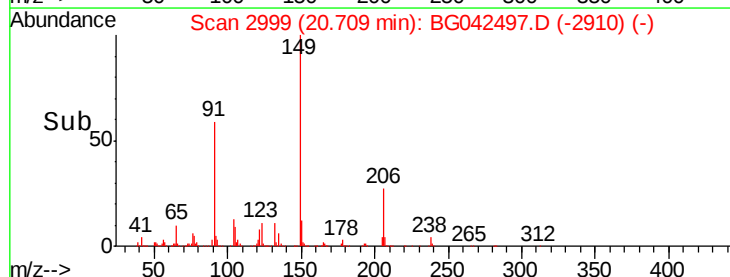
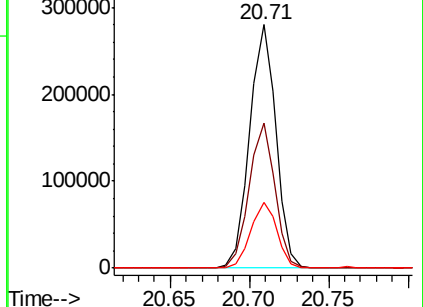
206 26.8 22.5 33.7

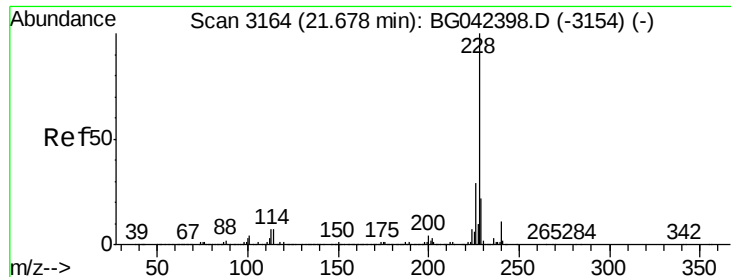


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.102 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

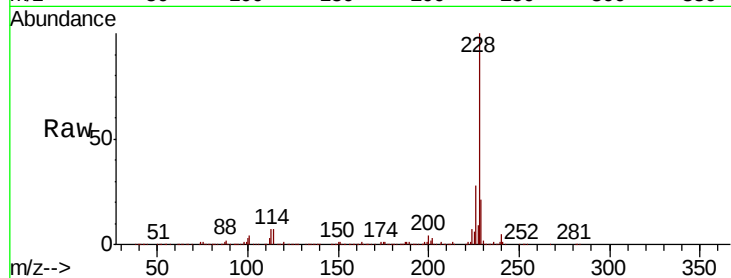
Tgt Ion: 228 Resp: 824521

Ion Ratio Lower Upper

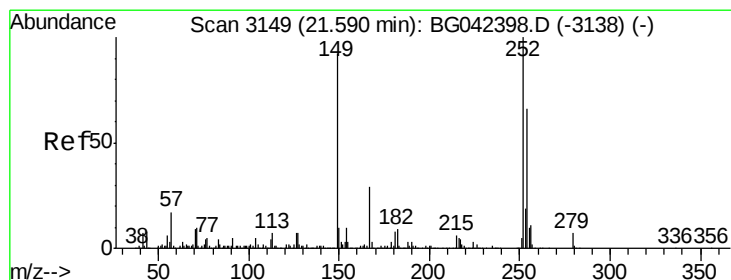
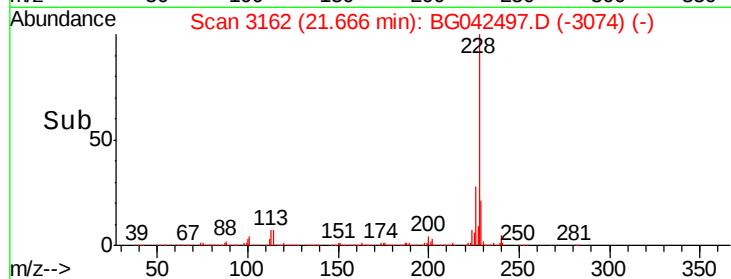
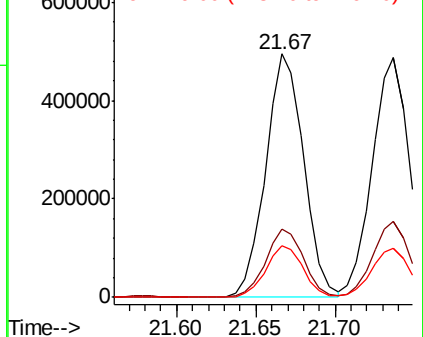
228 100

226 28.3 23.4 35.2

229 21.0 17.4 26.2



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



#82

3,3'-Dichlorobenzidine

Concen: 33.192 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

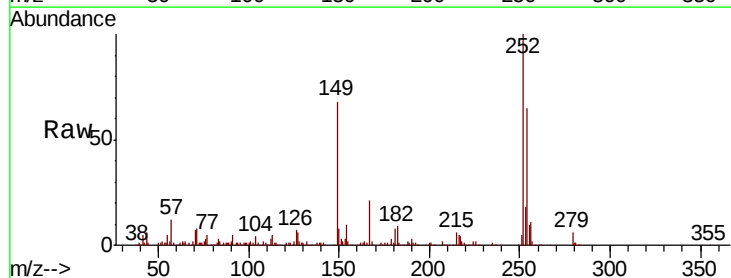
Tgt Ion: 252 Resp: 281488

Ion Ratio Lower Upper

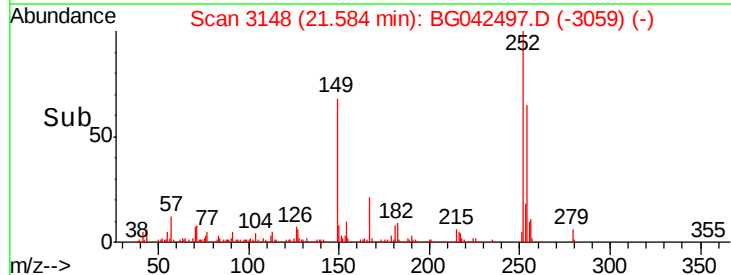
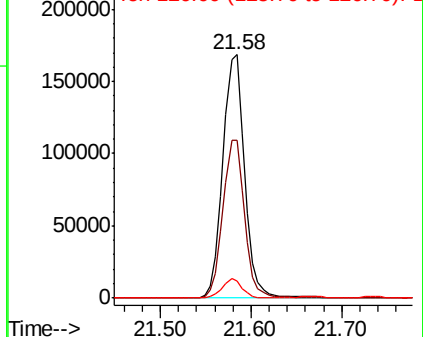
252 100

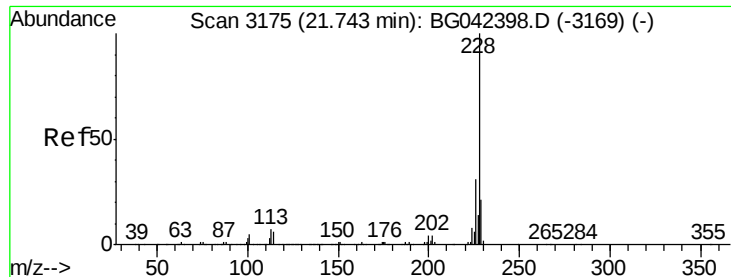
254 64.6 53.0 79.4

126 7.0 5.7 8.5



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





#83

Chrysene

Concen: 39.313 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

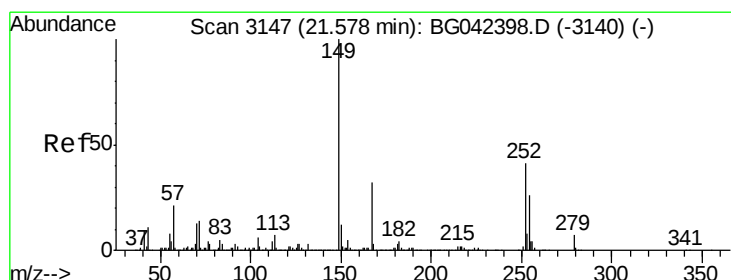
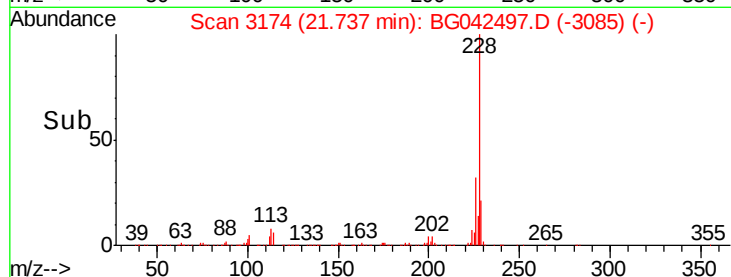
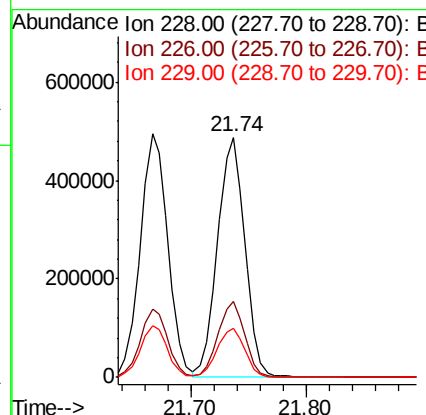
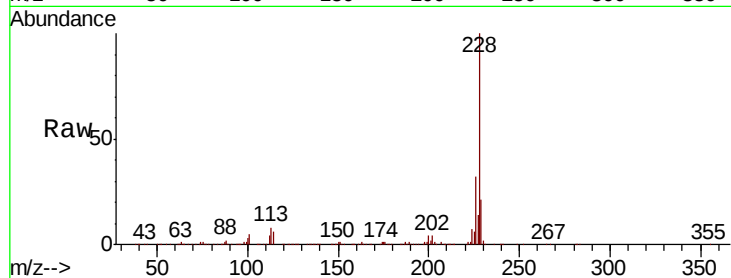
Tgt Ion:228 Resp: 799473

Ion Ratio Lower Upper

228 100

226 31.8 24.9 37.3

229 20.6 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.966 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

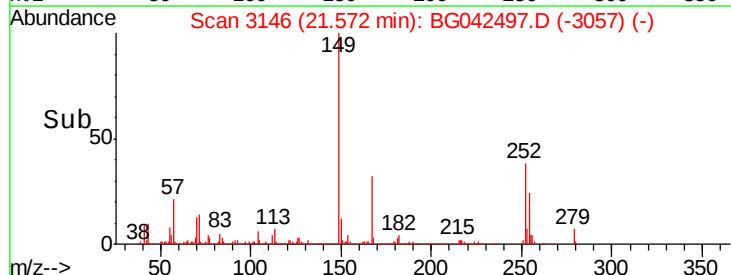
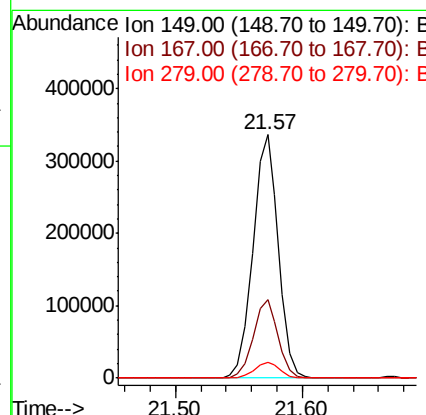
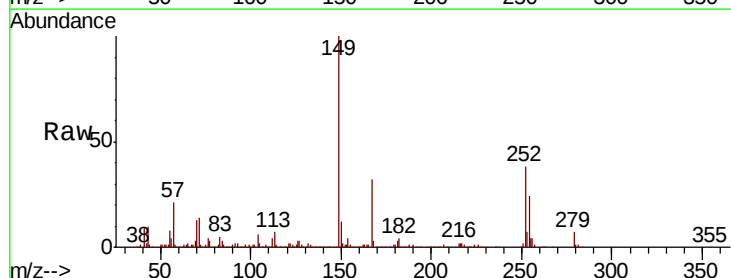
Tgt Ion:149 Resp: 463841

Ion Ratio Lower Upper

149 100

167 32.2 26.0 39.0

279 6.6 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 40.720 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

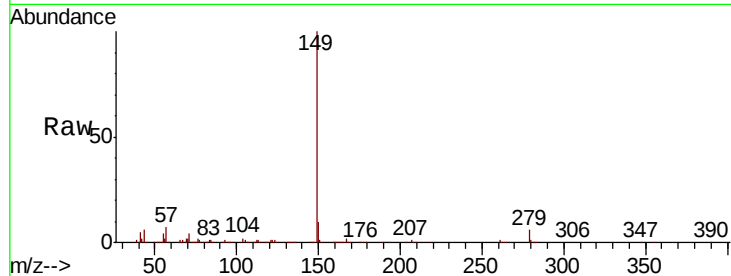
Tgt Ion:149 Resp: 812824

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

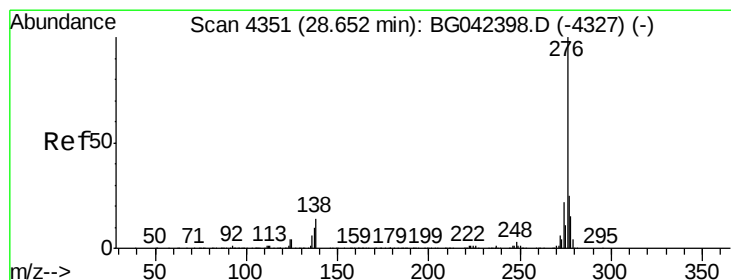
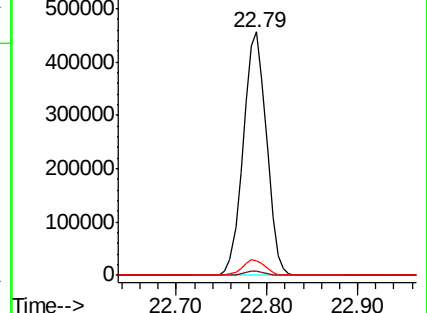
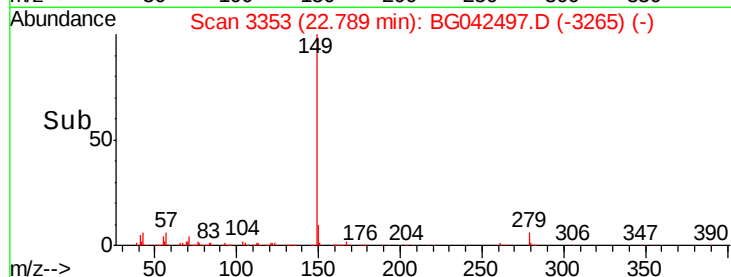
43 6.2 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.990 ng

RT: 28.63 min Scan# 4348

Delta R.T. -0.02 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

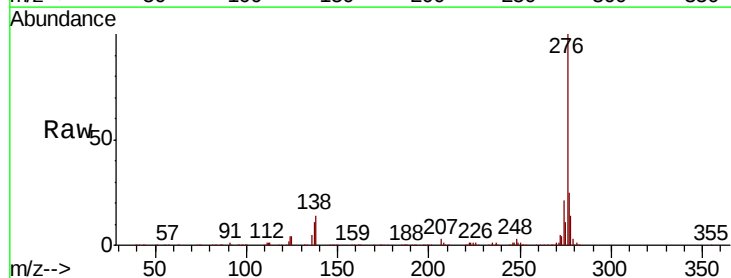
Tgt Ion:276 Resp: 1049901

Ion Ratio Lower Upper

276 100

138 18.5 9.2 13.8#

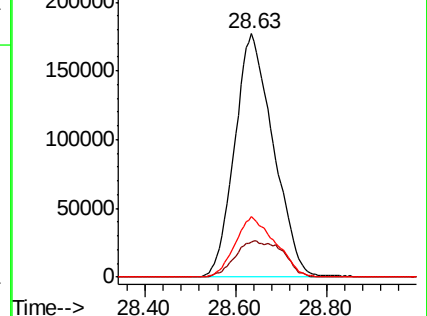
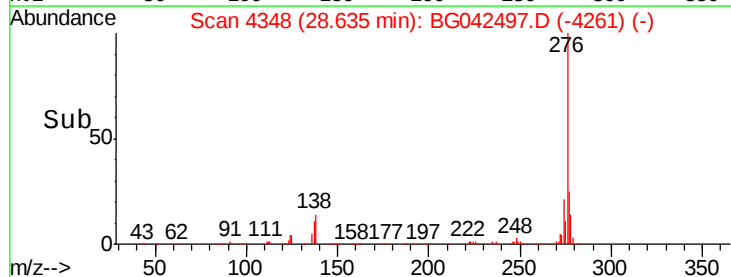
277 26.0 21.0 31.6

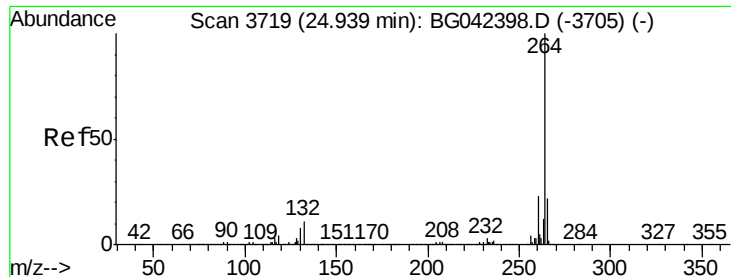


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

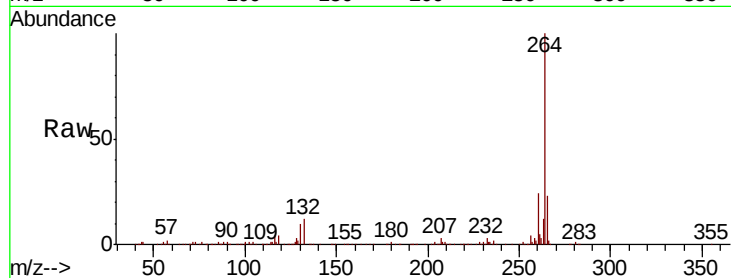
Tgt Ion:264 Resp: 377904

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

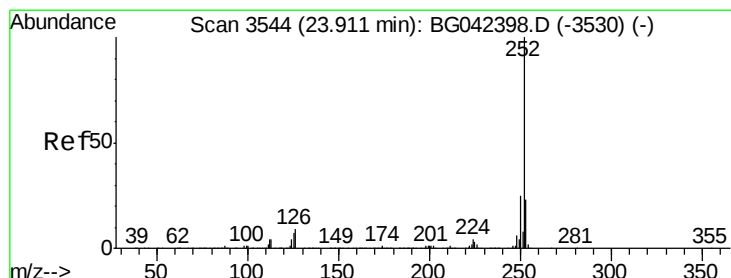
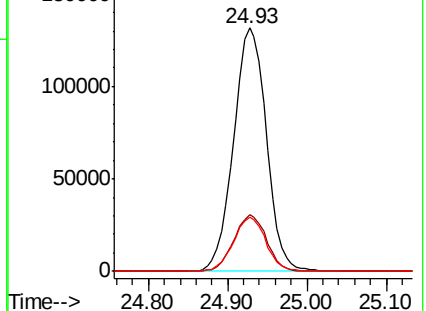
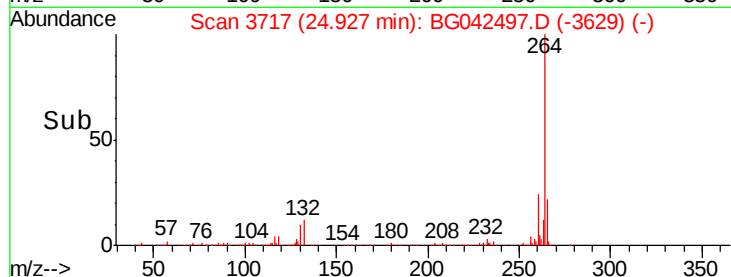
265 22.5 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.767 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

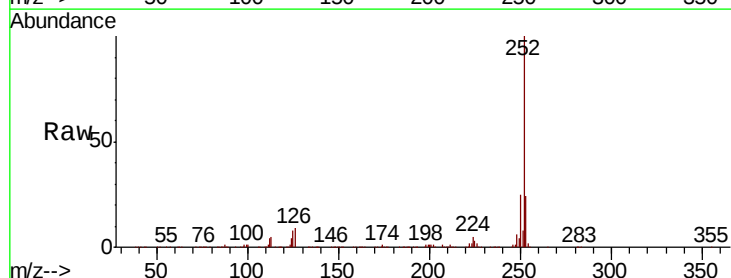
Tgt Ion:252 Resp: 909298

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

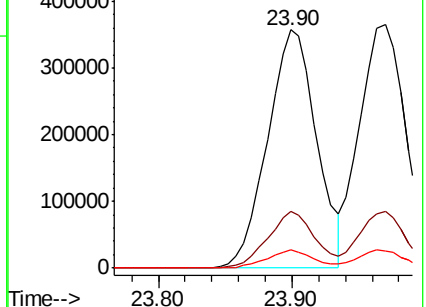
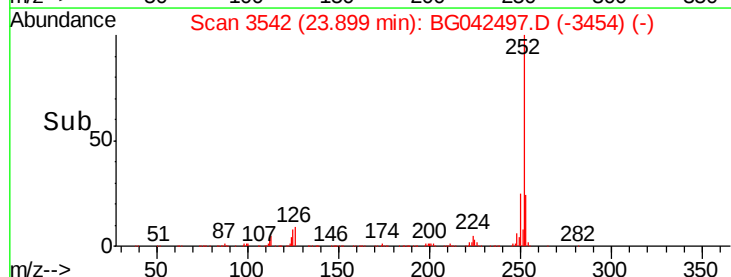
125 7.7 5.6 8.4

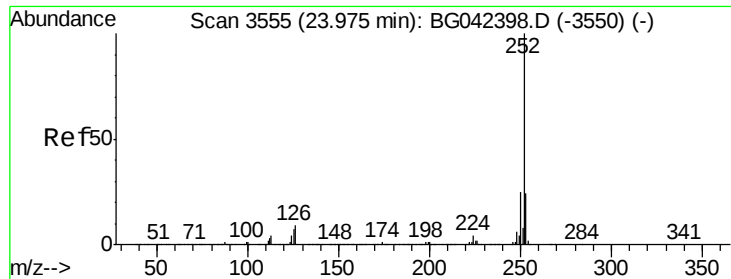


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

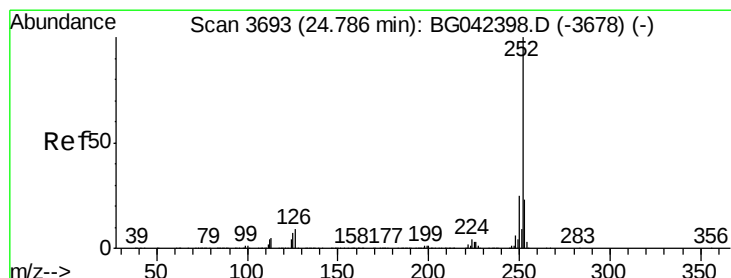
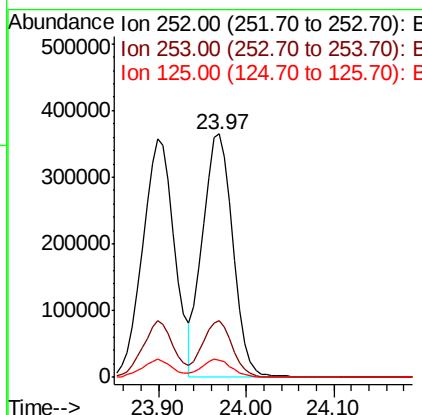
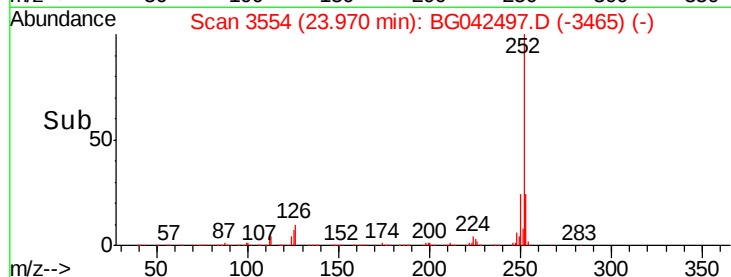
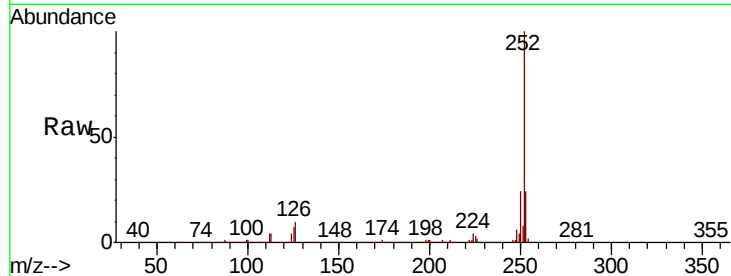




#89
Benzo(k)fluoranthene
Concen: 44.087 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

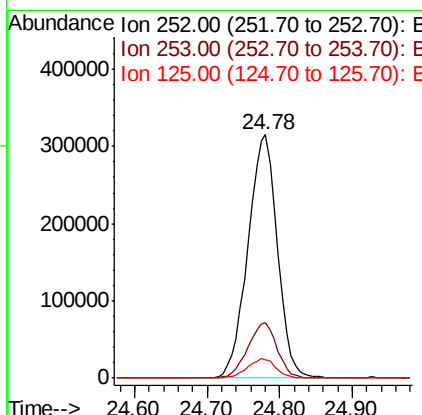
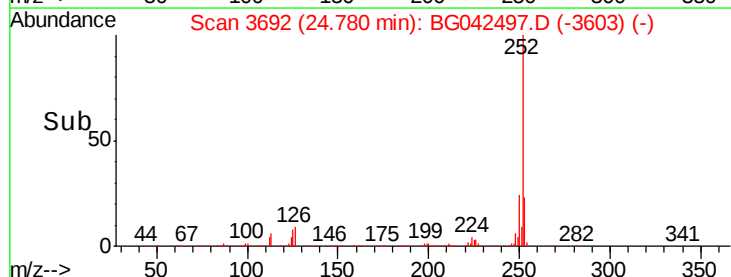
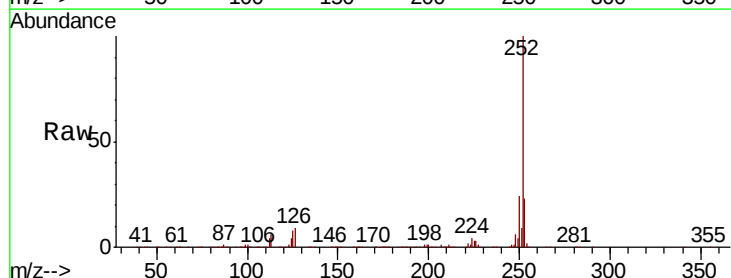
Instrument :
BNA_G
ClientSampleId :
PB122444BS

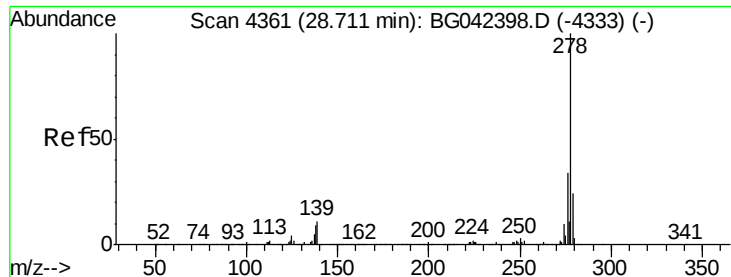
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	7.2	5.8	8.6



#90
Benzo(a)pyrene
Concen: 44.990 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	7.8	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 43.527 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB122444BS

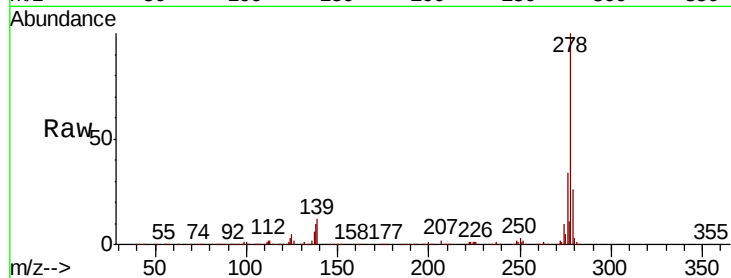
Tgt Ion: 278 Resp: 868836

Ion Ratio Lower Upper

278 100

139 12.0 8.8 13.2

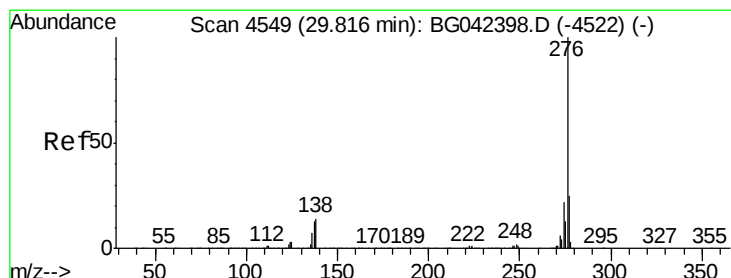
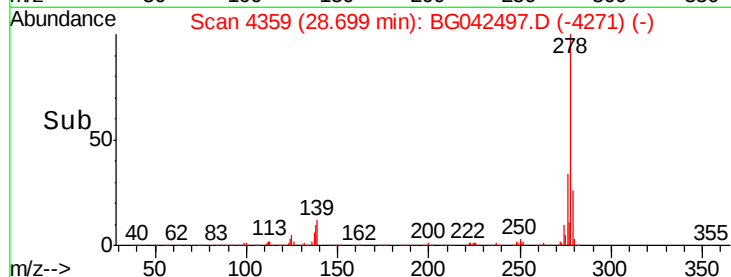
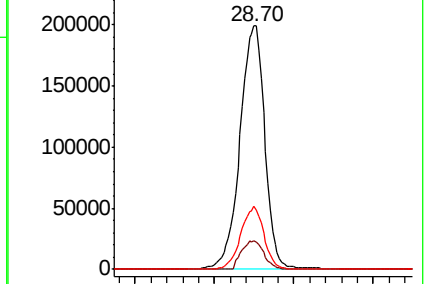
279 25.7 19.1 28.7



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: 43.819 ng

RT: 29.79 min Scan# 4545

Delta R.T. -0.02 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

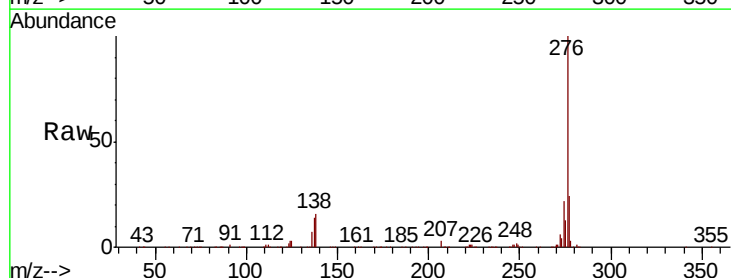
Tgt Ion: 276 Resp: 874795

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 16.4 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

