

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042506.D
 Acq On : 27 Aug 2019 16:16
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 01:25:53 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	41779	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	176416	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	127668	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	288147	20.00	ng	0.00
76) Chrysene-d12	21.69	240	293722	20.00	ng	0.00
87) Perylene-d12	24.93	264	348938	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	172104	83.43	ng	0.00
7) Phenol-d6	7.16	99	230579	82.75	ng	0.00
23) Nitrobenzene-d5	9.17	82	209721	82.15	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	140295	77.31	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	648329	85.89	ng	0.00
79) Terphenyl-d14	20.02	244	1144514	84.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	37705	43.799	ng	98
3) Pyridine	3.82	79	92877	42.074	ng	99
4) n-Nitrosodimethylamine	3.74	42	31385	39.807	ng	88
6) Aniline	7.32	93	153242	41.233	ng	96
8) 2-Chlorophenol	7.56	128	104011	41.604	ng	100
9) Benzaldehyde	7.13	77	56173	40.267	ng	97
10) Phenol	7.19	94	117823	41.588	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	94684	42.554	ng	100
12) 1,3-Dichlorobenzene	7.89	146	133368	41.935	ng	98
13) 1,4-Dichlorobenzene	8.03	146	135730	42.133	ng	99
14) 1,2-Dichlorobenzene	8.36	146	128168	41.545	ng	98
15) Benzyl Alcohol	8.24	79	79620	39.717	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	123515	40.957	ng	97
17) 2-Methylphenol	8.45	107	84322	40.408	ng	95
18) Hexachloroethane	9.09	117	46064	41.768	ng	91
19) n-Nitroso-di-n-propylamine	8.80	70	74284	41.149	ng	99
20) 3+4-Methylphenols	8.78	107	116328	40.286	ng	100
22) Acetophenone	8.83	105	154343	40.905	ng	# 97
24) Nitrobenzene	9.21	77	105173	40.683	ng	98
25) Isophorone	9.73	82	202962	40.284	ng	99
26) 2-Nitrophenol	9.93	139	65806	40.620	ng	95
27) 2,4-Dimethylphenol	9.99	122	89790	40.235	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	132761	41.808	ng	99
29) 2,4-Dichlorophenol	10.47	162	118303	40.518	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	147007	41.020	ng	96
31) Naphthalene	10.87	128	334147	40.797	ng	99
32) Benzoic acid	10.14	122	48499	33.018	ng	98
33) 4-Chloroaniline	10.98	127	149752	39.606	ng	99
34) Hexachlorobutadiene	11.16	225	99444	41.288	ng	99
35) Caprolactam	11.75	113	37531	38.523	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	108715	39.223	ng	98
37) 2-Methylnaphthalene	12.48	142	267737	40.710	ng	98
38) 1-Methylnaphthalene	12.70	142	253559	40.589	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	172116	41.981	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	85563	39.730	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	110820	39.989	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	114123	39.739	ng	96
46) 1,1'-Biphenyl	13.49	154	350484	42.470	ng	99
47) 2-Chloronaphthalene	13.53	162	296708	41.696	ng	99
48) 2-Nitroaniline	13.73	65	70063	40.831	ng	98
49) Acenaphthylene	14.38	152	446627	41.719	ng	99
50) Dimethylphthalate	14.11	163	379663	41.215	ng	99
51) 2,6-Dinitrotoluene	14.23	165	86889	40.694	ng	97
52) Acenaphthene	14.72	154	266206	40.951	ng	99
53) 3-Nitroaniline	14.56	138	86676	40.590	ng	97
54) 2,4-Dinitrophenol	14.77	184	41444	32.802	ng	96
55) Dibenzofuran	15.06	168	449685	41.791	ng	100
56) 4-Nitrophenol	14.89	139	58569	38.599	ng	93
57) 2,4-Dinitrotoluene	15.02	165	124523	40.726	ng	98
58) Fluorene	15.71	166	362654	41.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	111652	39.314	ng	100
60) Diethylphthalate	15.47	149	366300	40.678	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	216008	40.738	ng	99
62) 4-Nitroaniline	15.73	138	92494	40.471	ng	99
63) Azobenzene	15.99	77	254208	41.198	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	68637	37.993	ng	98
66) n-Nitrosodiphenylamine	15.91	169	331848	41.877	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	149960	41.029	ng	98
68) Hexachlorobenzene	16.72	284	161480	40.642	ng	97
69) Atrazine	16.86	200	102353	36.525	ng	100
70) Pentachlorophenol	17.07	266	74812	36.239	ng	97
71) Phenanthrene	17.45	178	607580	42.450	ng	99
72) Anthracene	17.55	178	606046	42.415	ng	99
73) Carbazole	17.81	167	539939	42.400	ng	98
74) Di-n-butylphthalate	18.37	149	648386	43.073	ng	99
75) Fluoranthene	19.46	202	762277	43.639	ng	98
77) Benzidine	19.64	184	288966	34.314	ng	98
78) Pyrene	19.83	202	770459	42.784	ng	99
80) Butylbenzylphthalate	20.71	149	298477	42.140	ng	100
81) Benzo(a)anthracene	21.67	228	753902	42.194	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	284796	39.632	ng	99
83) Chrysene	21.74	228	733546	42.569	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	421088	42.819	ng	99
85) Di-n-octyl phthalate	22.79	149	720841	42.618	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	944858	40.348	ng	# 95
88) Benzo(b)fluoranthene	23.90	252	810551	42.253	ng	99
89) Benzo(k)fluoranthene	23.97	252	792478	42.978	ng	100
90) Benzo(a)pyrene	24.77	252	775011	42.575	ng	98
91) Dibenzo(a,h)anthracene	28.69	278	767338	41.633	ng	98
92) Benzo(g,h,i)perylene	29.80	276	756625	41.046	ng	97

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

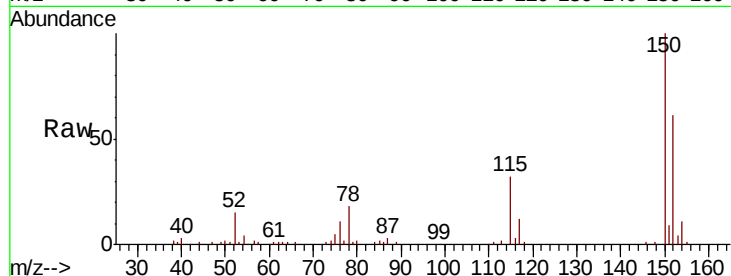


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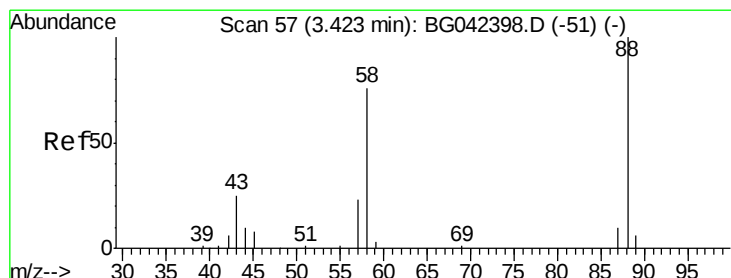
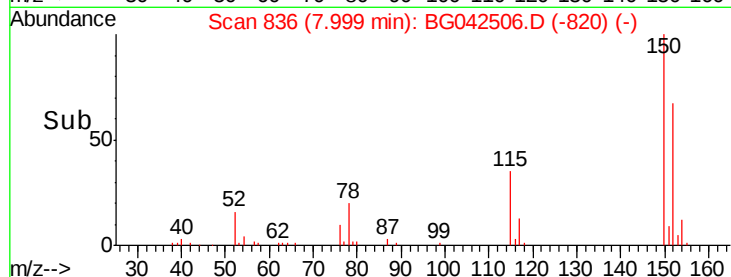
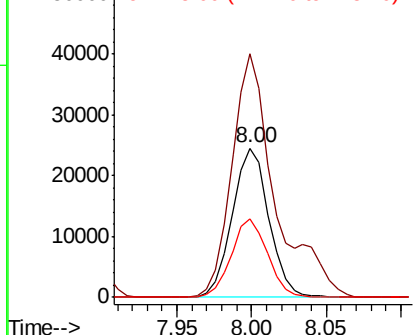
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 41779
 Ion Ratio Lower Upper
 152 100
 150 162.9 125.4 188.0
 115 52.4 38.5 57.7



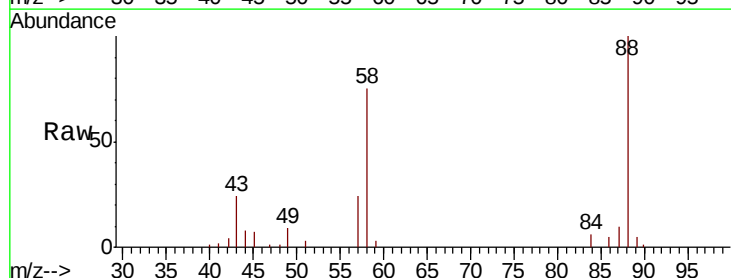
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



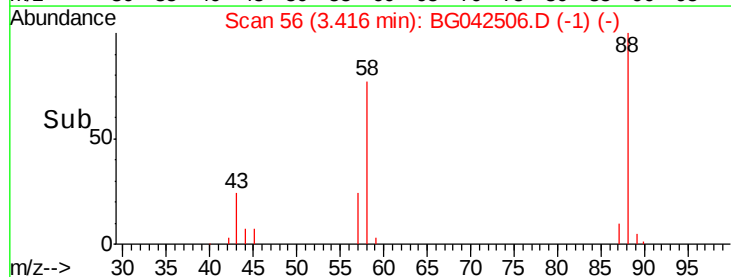
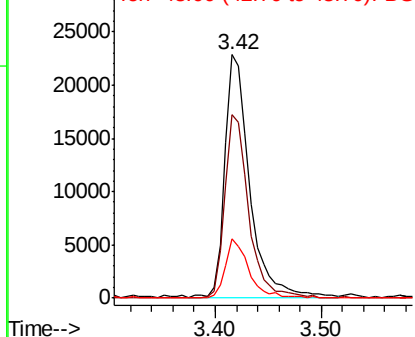
#2

1,4-Dioxane
 Concen: 43.799 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion: 88 Resp: 37705
 Ion Ratio Lower Upper
 88 100
 58 71.7 58.3 87.5
 43 22.7 20.2 30.2



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





#3

Pvridine

Concen: 42.074 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

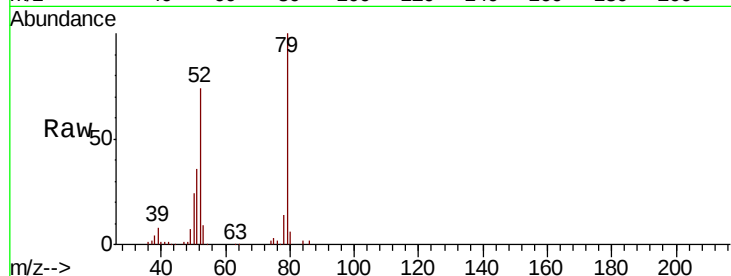
Tot Ion: 79 Resp: 92877

Ion Ratio Lower Upper

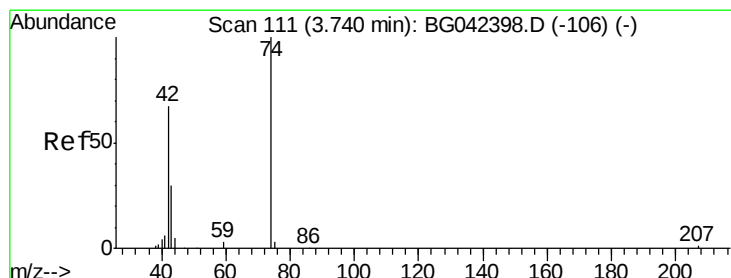
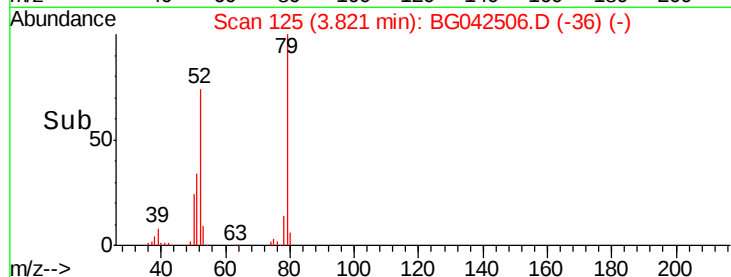
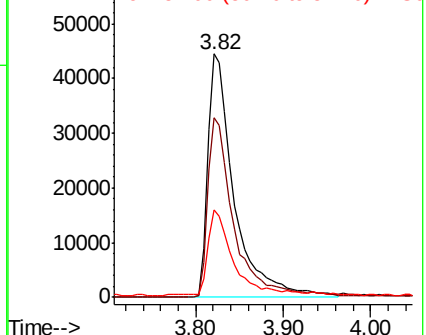
79 100

52 73.7 57.7 86.5

51 36.0 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: 39.807 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

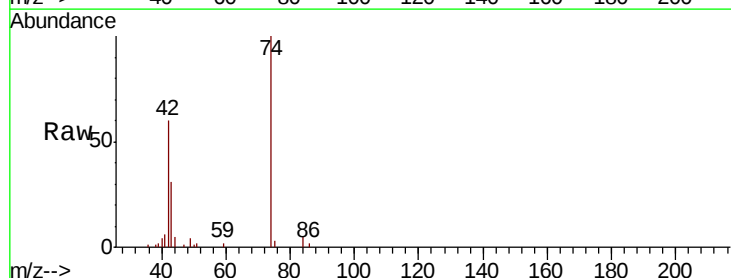
Tgt Ion: 42 Resp: 31385

Ion Ratio Lower Upper

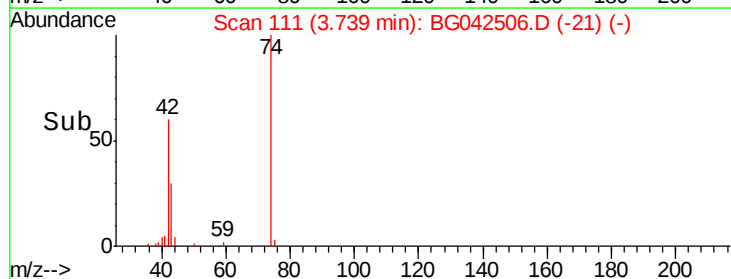
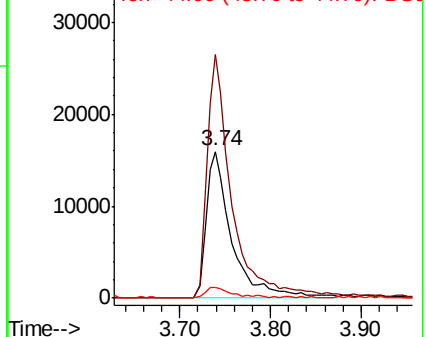
42 100

74 166.0 119.6 179.4

44 7.6 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: 83.430 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

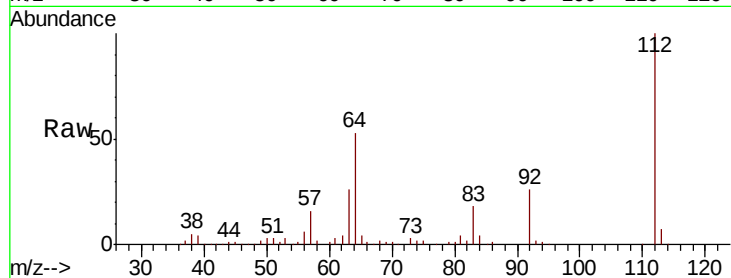
Tot Ion:112 Resp: 172104

Ion Ratio Lower Upper

112 100

64 53.5 42.8 64.2

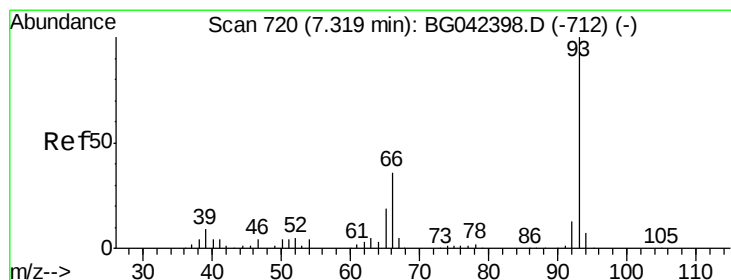
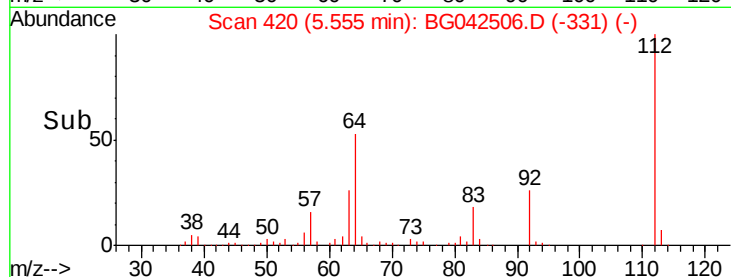
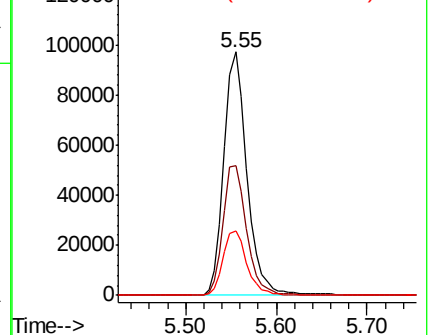
63 26.3 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.233 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

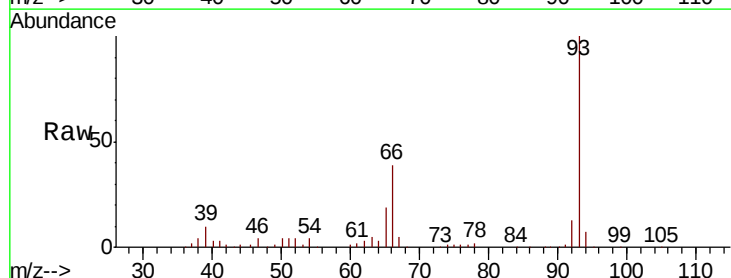
Tgt Ion: 93 Resp: 153242

Ion Ratio Lower Upper

93 100

66 39.4 29.0 43.6

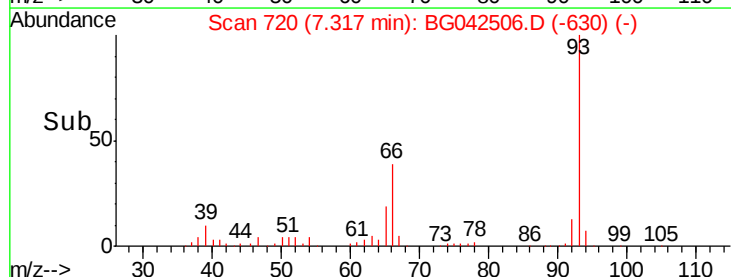
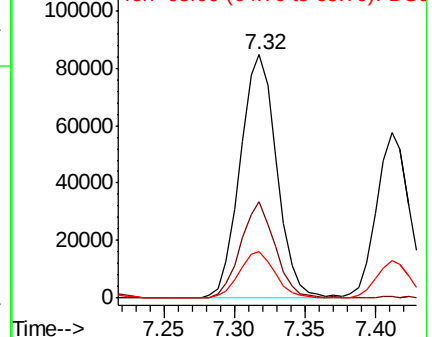
65 19.3 15.2 22.8

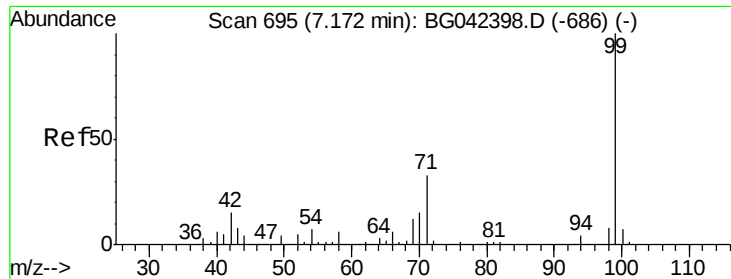


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.750 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

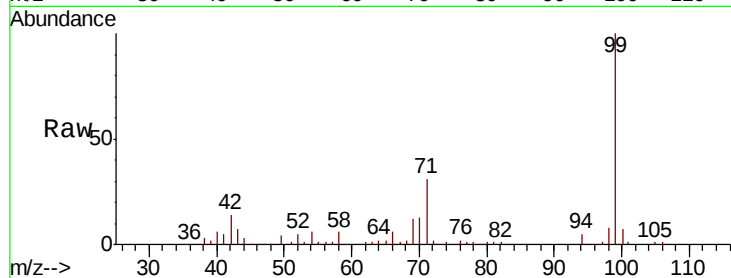
Tot Ion: 99 Resp: 230579

Ion Ratio Lower Upper

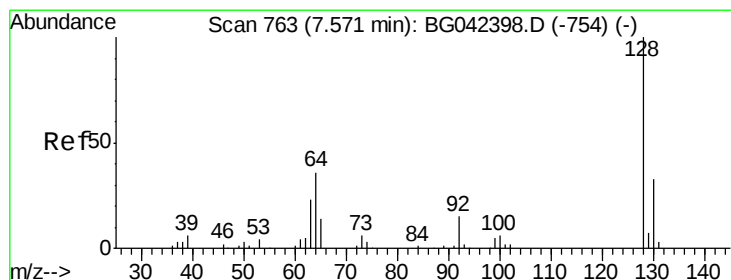
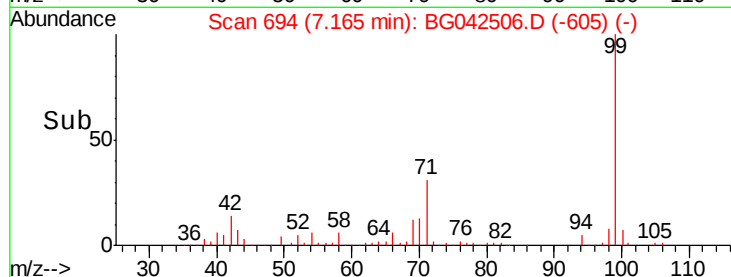
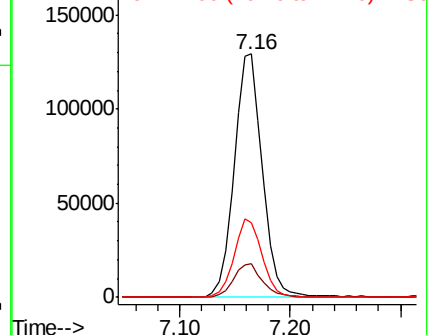
99 100

42 14.1 12.0 18.0

71 30.7 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.604 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

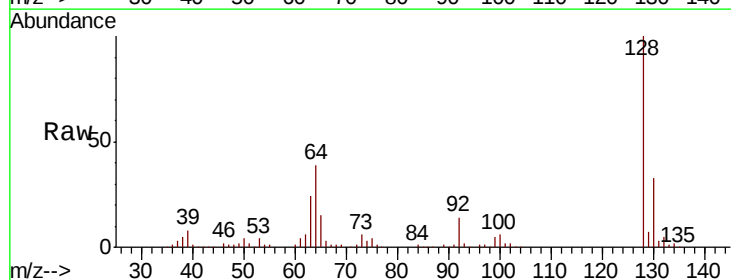
Tgt Ion: 128 Resp: 104011

Ion Ratio Lower Upper

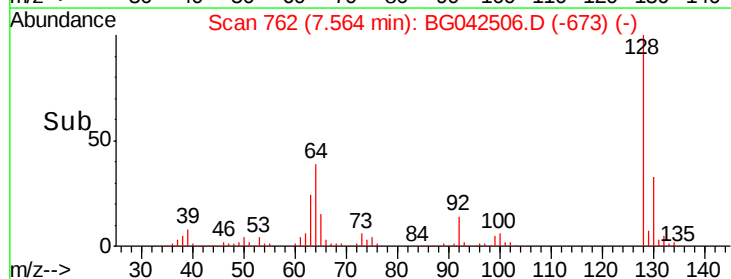
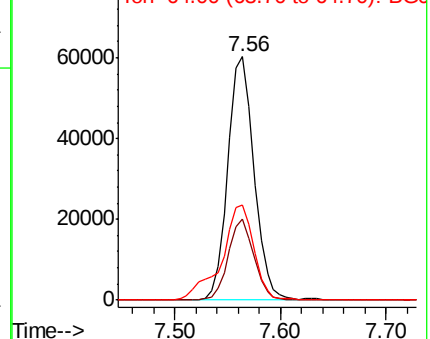
128 100

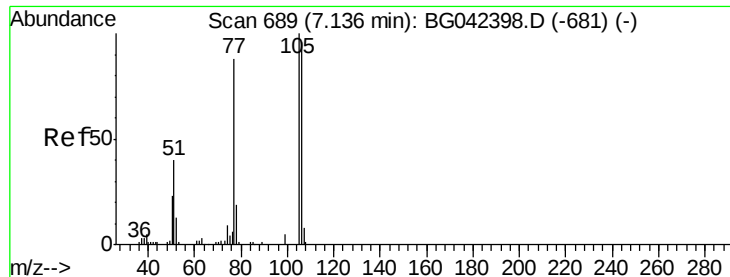
130 33.1 12.8 52.8

64 39.2 19.2 59.2



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





#9

Benzaldehyde

Concen: 40.267 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

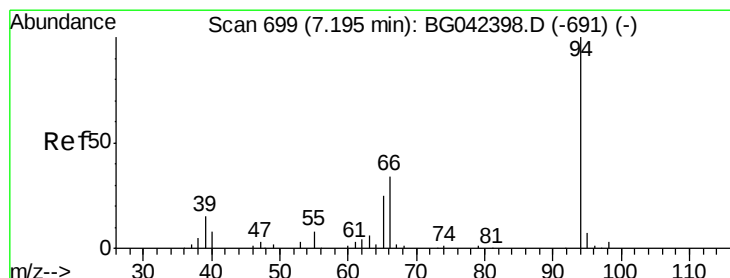
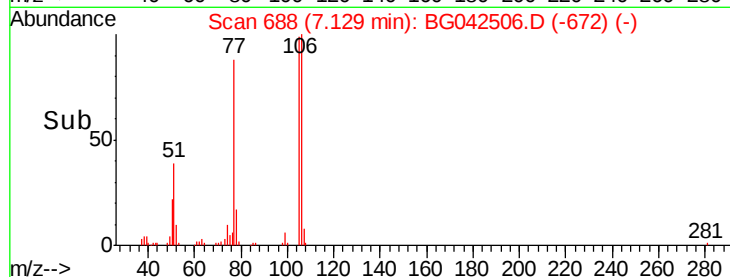
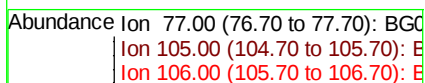
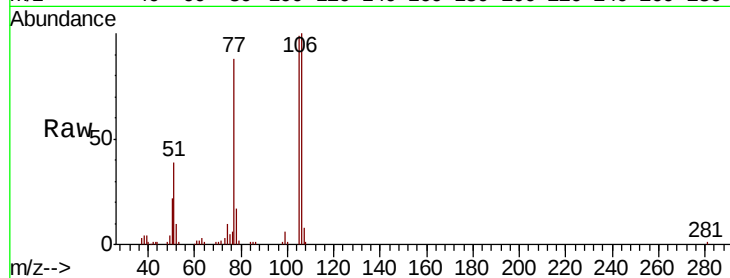
Tot Ion: 77 Resp: 56173

Ion Ratio Lower Upper

77 100

105 112.6 93.4 133.4

106 113.7 88.4 128.4



#10

Phenol

Concen: 41.588 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

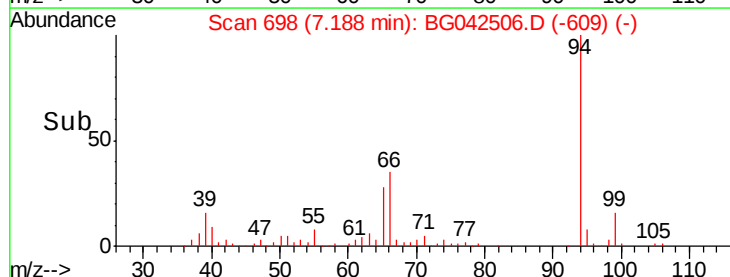
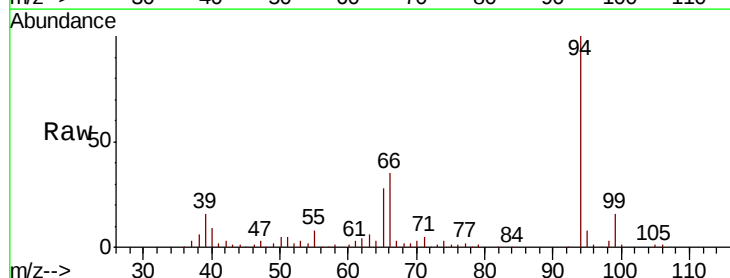
Tgt Ion: 94 Resp: 117823

Ion Ratio Lower Upper

94 100

65 28.2 5.6 45.6

66 35.1 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 42.554 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampled :

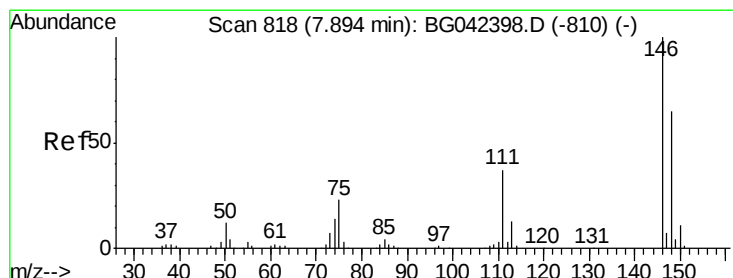
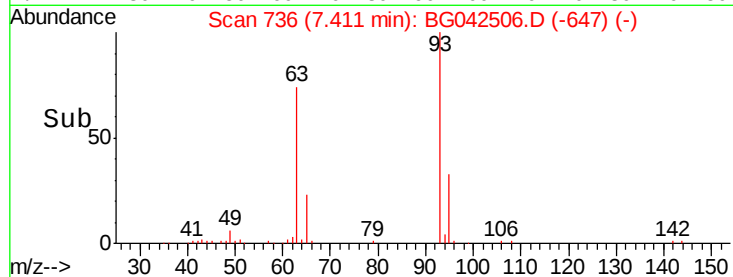
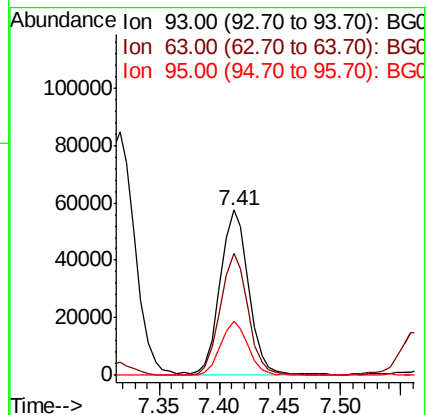
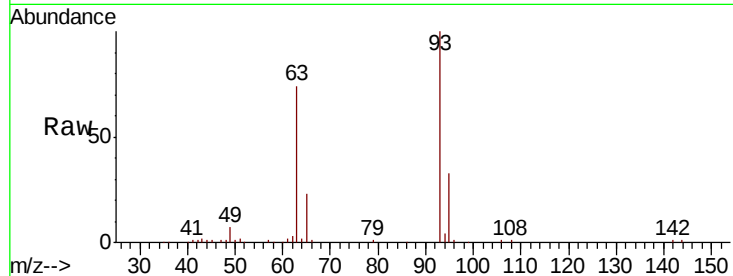
Tot Ion: 93 Resp: 94684

Ion Ratio Lower Upper

93 100

63 74.1 53.8 93.8

95 32.7 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 41.935 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

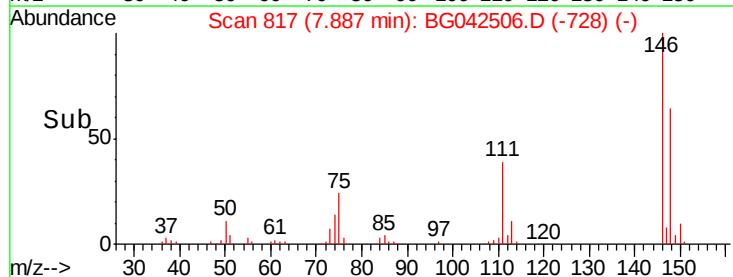
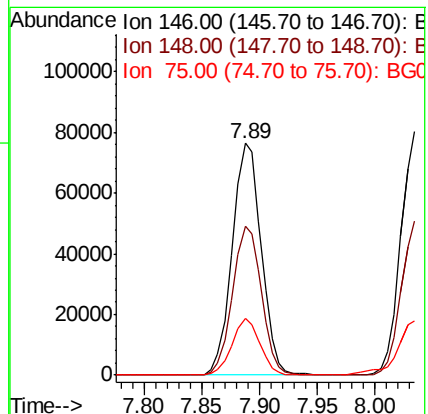
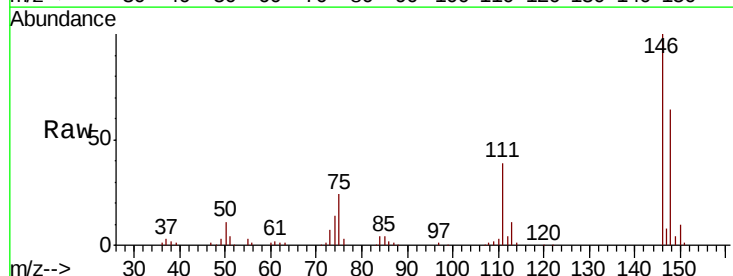
Tgt Ion: 146 Resp: 133368

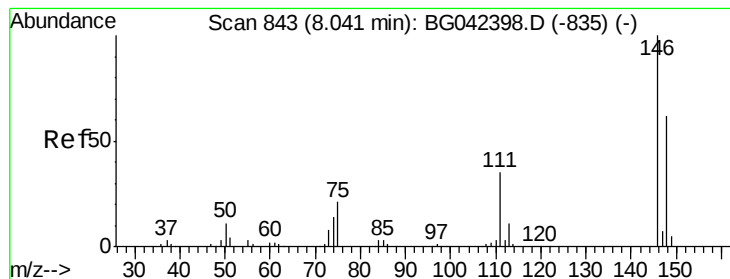
Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

75 24.5 18.0 27.0





#13

1,4-Dichlorobenzene

Concen: 42.133 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

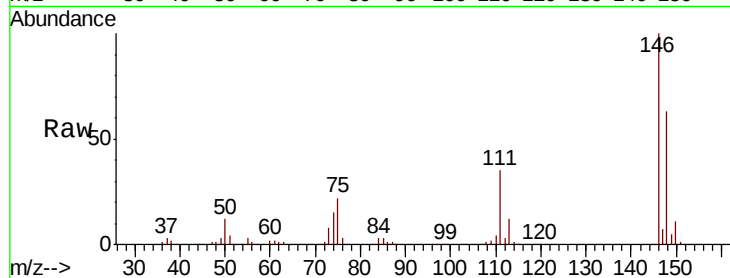
Tot Ion:146 Resp: 135730

Ion Ratio Lower Upper

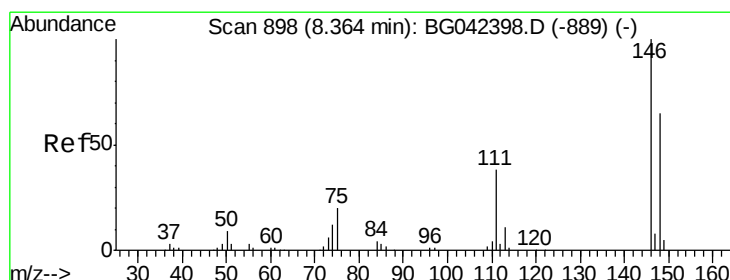
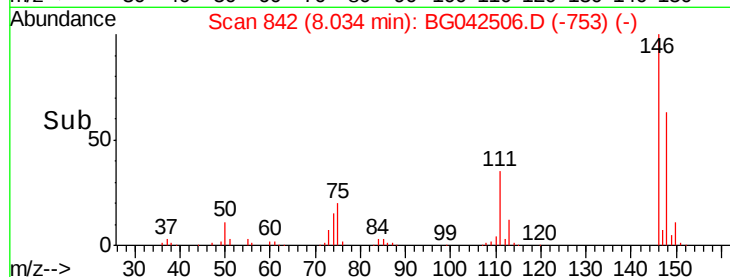
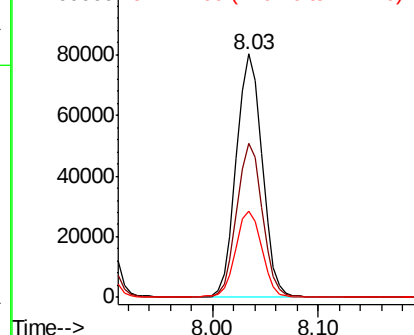
146 100

148 63.5 49.5 74.3

111 35.3 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: 41.545 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

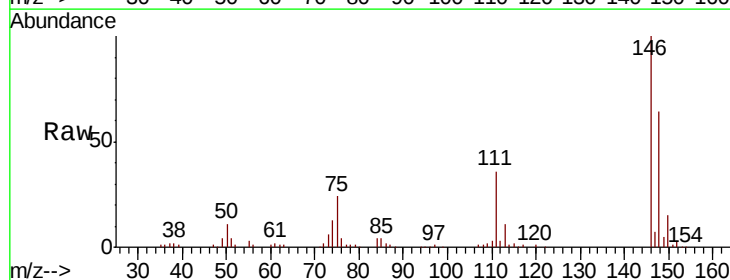
Tgt Ion:146 Resp: 128168

Ion Ratio Lower Upper

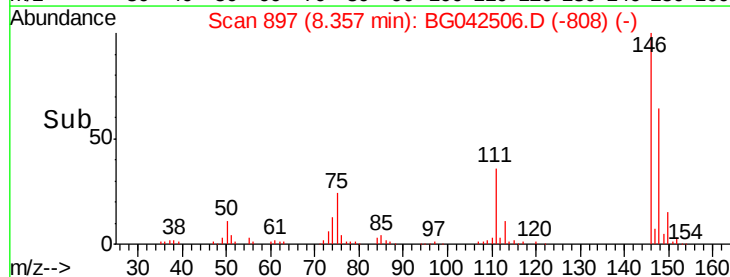
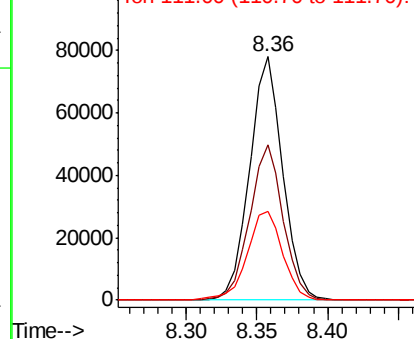
146 100

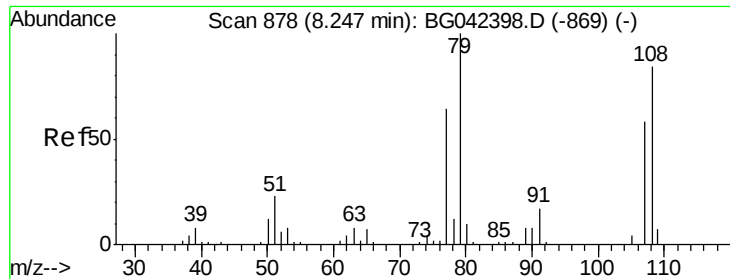
148 63.8 51.8 77.6

111 36.3 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 39.717 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

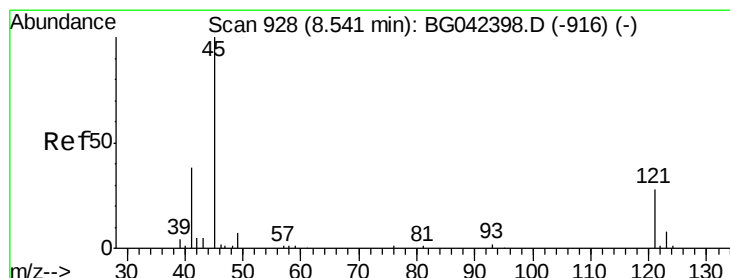
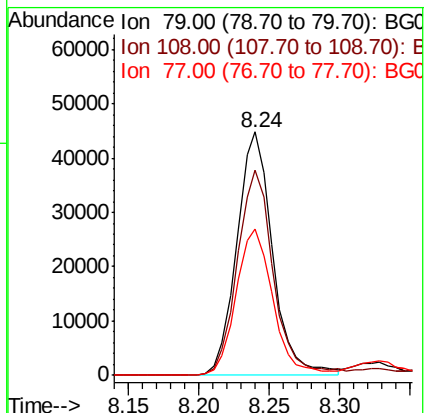
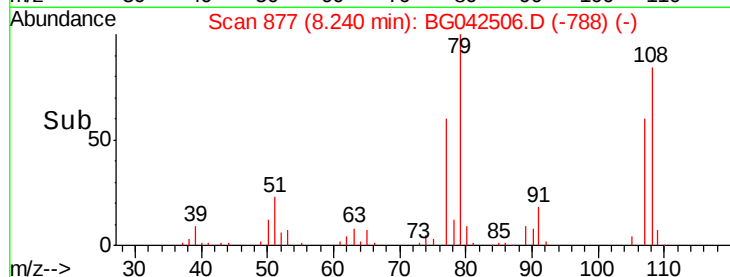
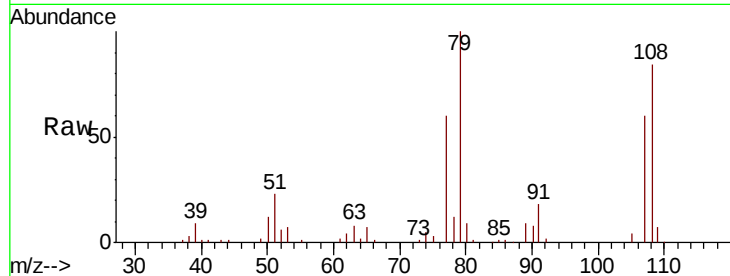
Tot Ion: 79 Resp: 79620

Ion Ratio Lower Upper

79 100

108 84.3 67.4 101.2

77 60.1 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.957 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

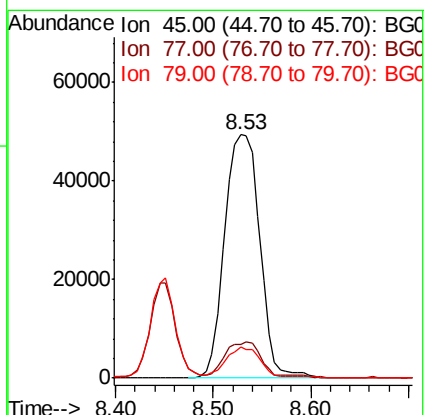
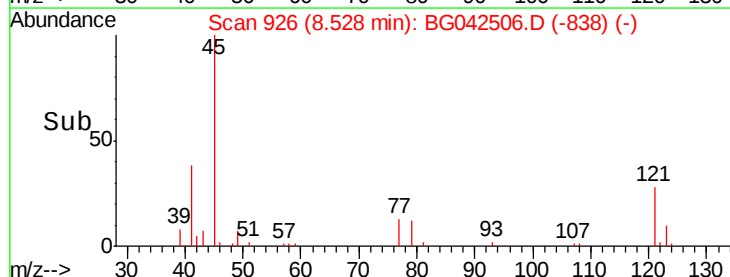
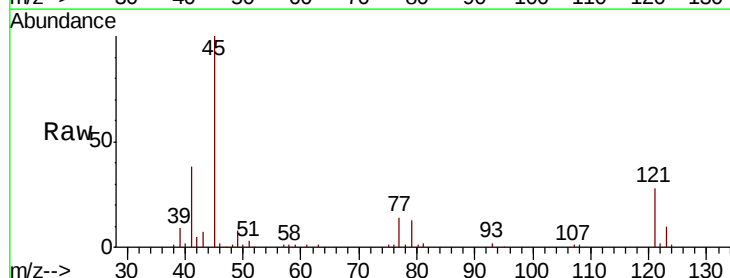
Tgt Ion: 45 Resp: 123515

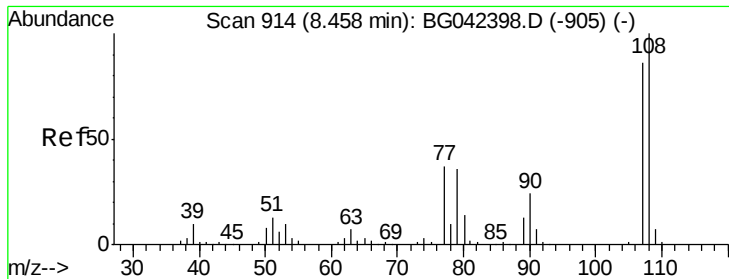
Ion Ratio Lower Upper

45 100

77 14.0 0.0 35.6

79 12.8 0.0 31.6





#17

2-Methylphenol

Concen: 40.408 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 84322

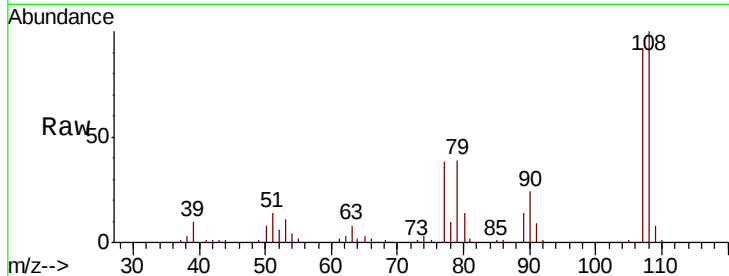
Ion Ratio Lower Upper

107 100

108 108.3 92.9 139.3

77 40.9 34.4 51.6

79 42.6 33.8 50.6

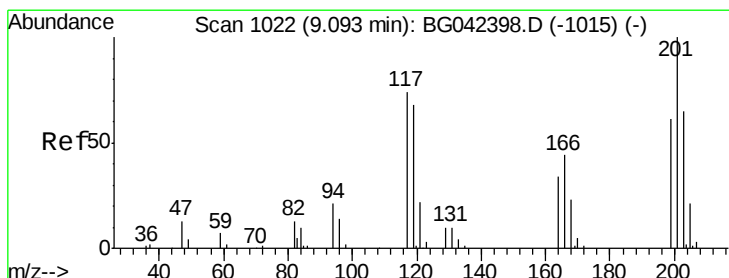
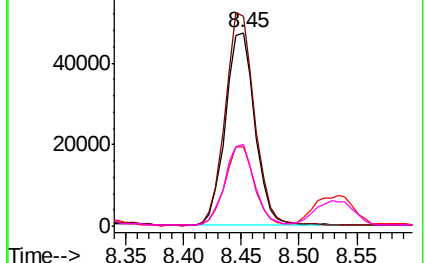
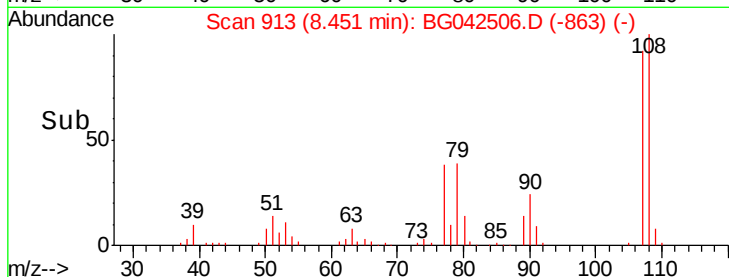


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.768 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

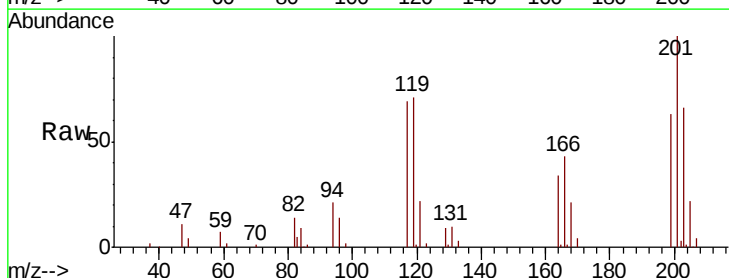
Tgt Ion:117 Resp: 46064

Ion Ratio Lower Upper

117 100

119 102.6 73.8 110.8

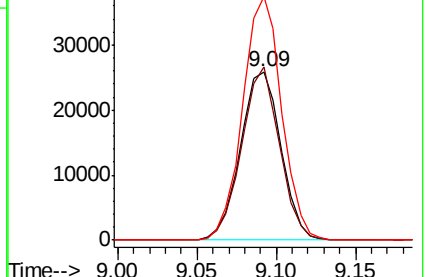
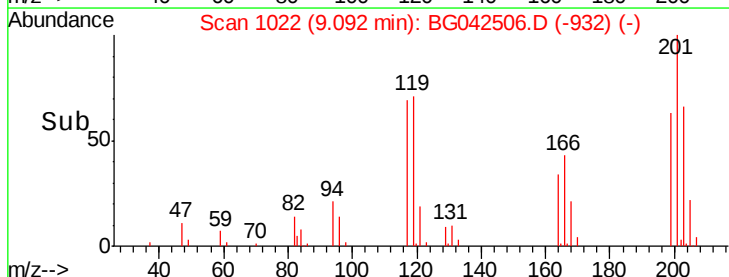
201 144.4 108.3 162.5

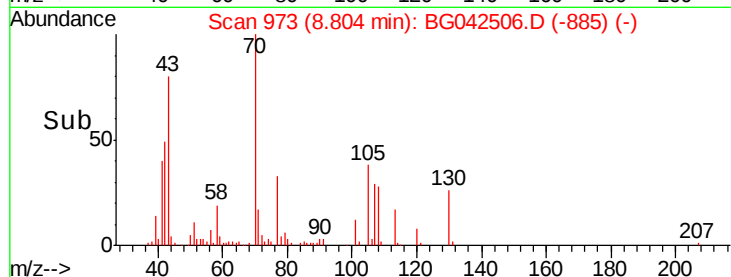
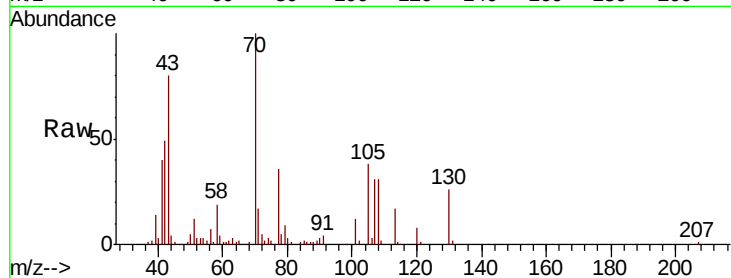
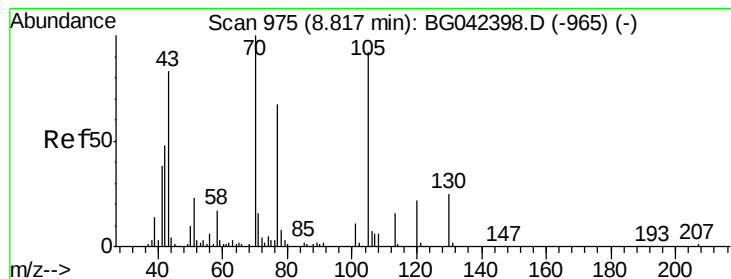


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.149 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 74284

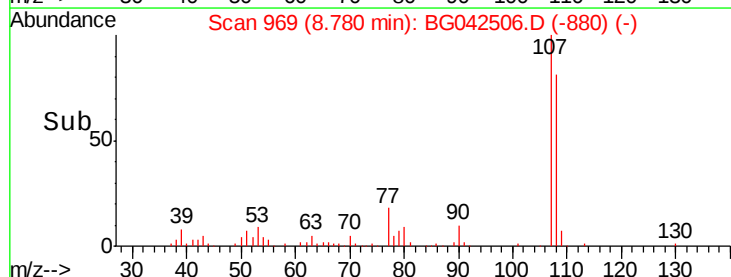
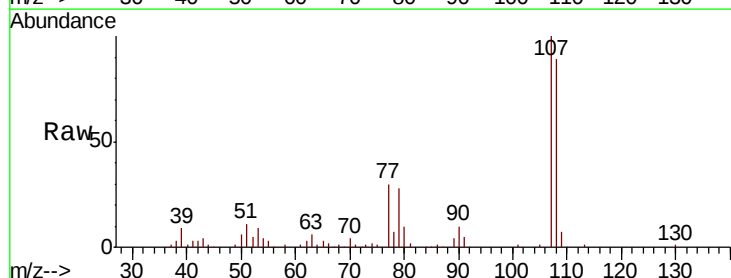
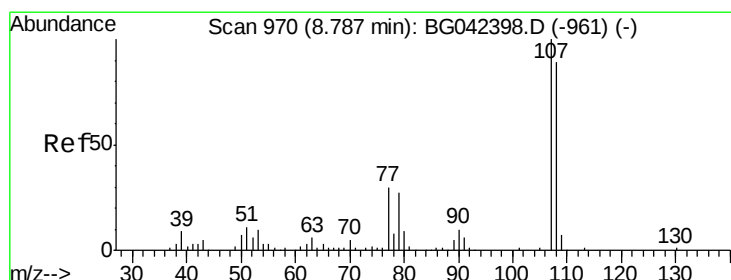
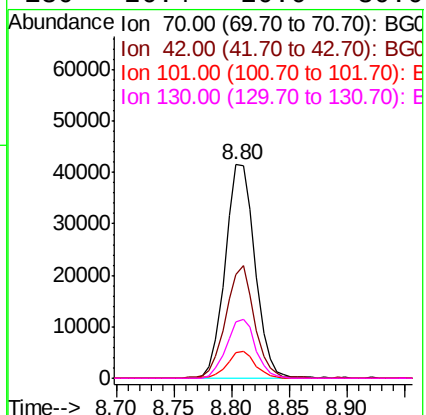
Ion Ratio Lower Upper

70 100

42 48.5 38.8 58.2

101 12.0 9.0 13.6

130 26.4 20.0 30.0



#20

3+4-Methylphenols

Concen: 40.286 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Tgt Ion: 107 Resp: 116328

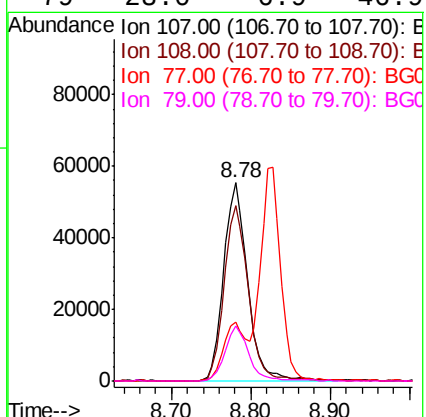
Ion Ratio Lower Upper

107 100

108 88.7 68.7 108.7

77 30.0 10.2 50.2

79 28.0 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 176416

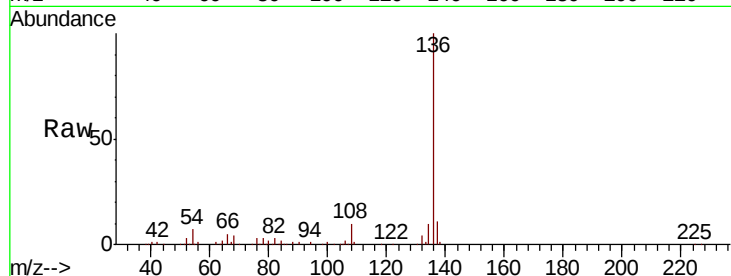
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.6 4.9 7.3

68 4.2 3.6 5.4

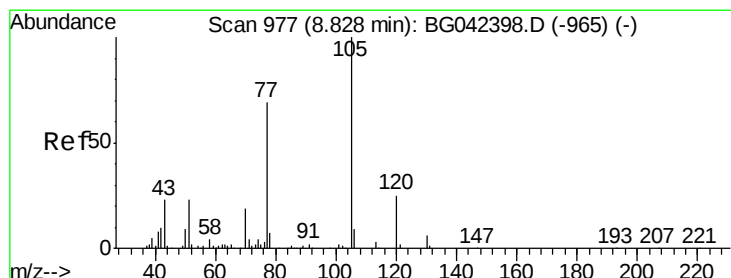
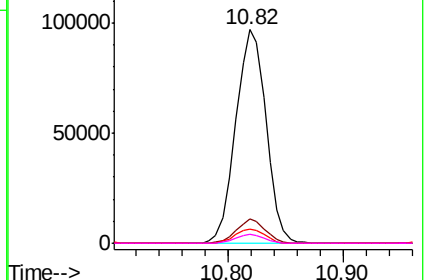
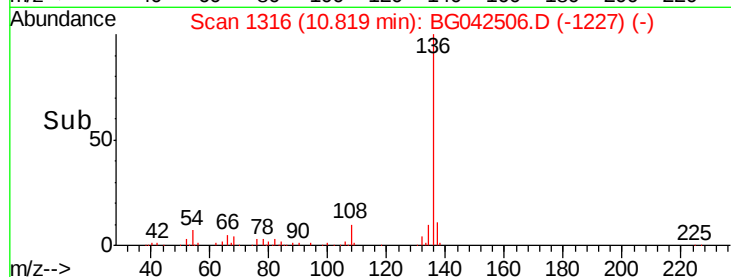


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.905 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Tgt Ion:105 Resp: 154343

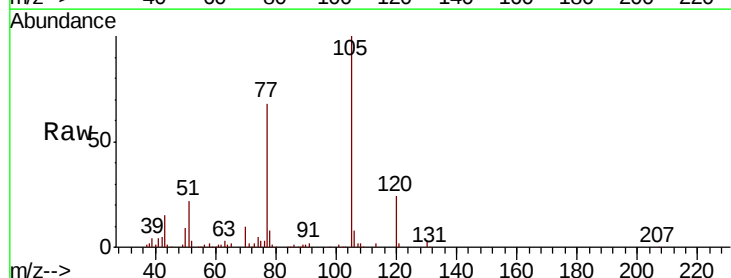
Ion Ratio Lower Upper

105 100

71 1.5 2.8 4.2#

51 21.8 18.7 28.1

120 23.8 20.1 30.1

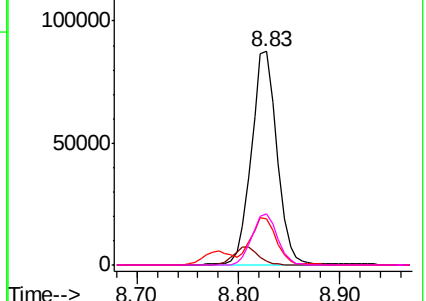
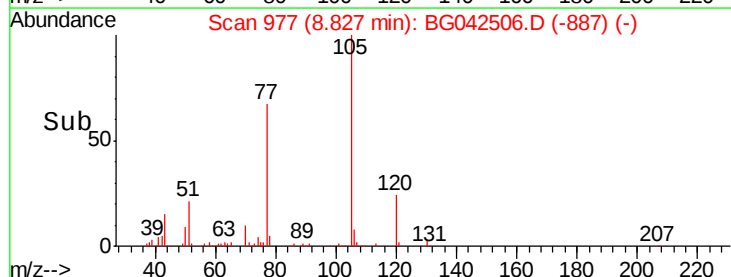


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

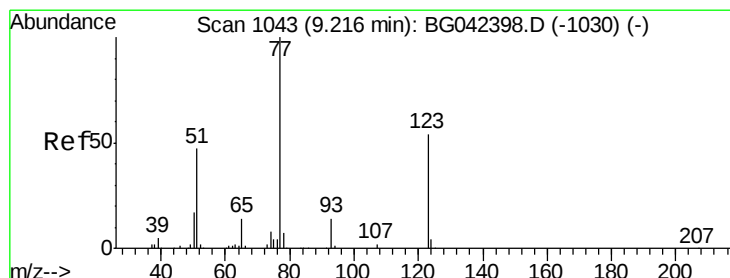
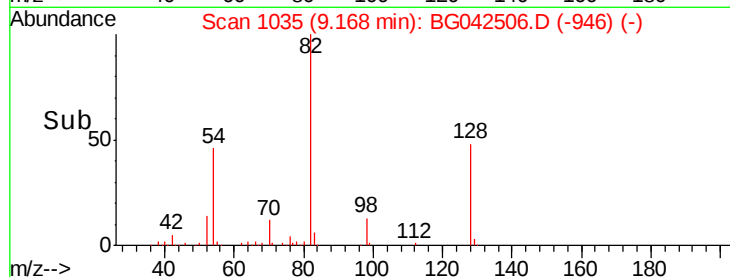
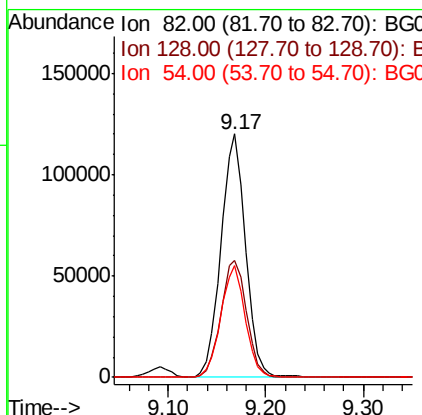
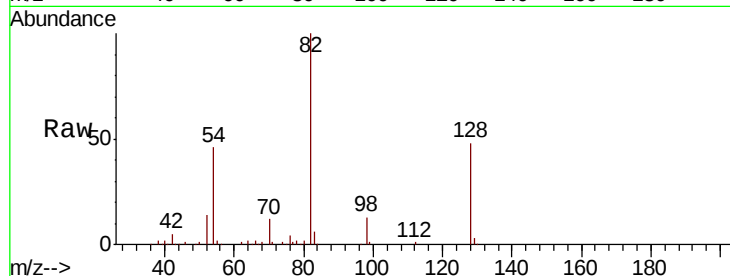




#23
 Nitrobenzene-d5
 Concen: 82.150 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

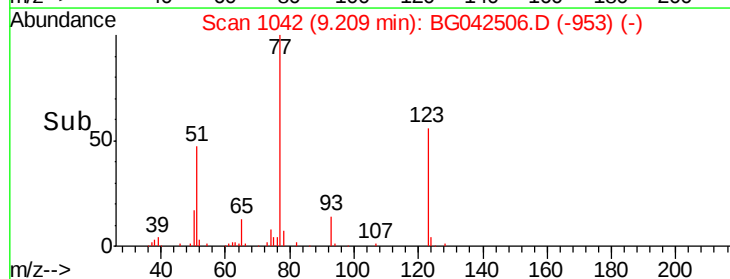
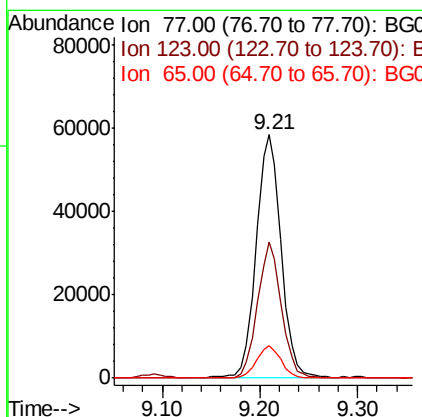
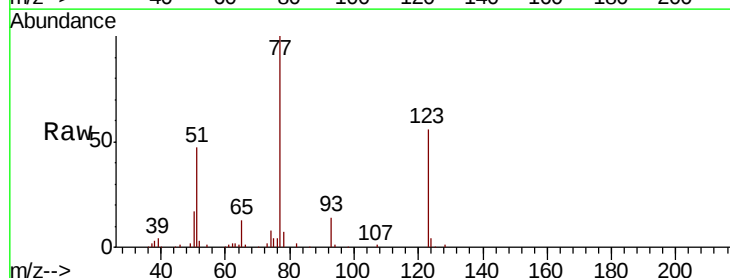
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	209721
Ion Ratio	Lower	Upper	
82	100		
128	48.1	40.7	61.1
54	45.9	36.3	54.5



#24
 Nitrobenzene
 Concen: 40.683 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion	77	Resp	105173
Ion Ratio	Lower	Upper	
77	100		
123	55.7	43.4	65.0
65	13.2	11.0	16.6





#25

Isophorone

Concen: 40.284 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

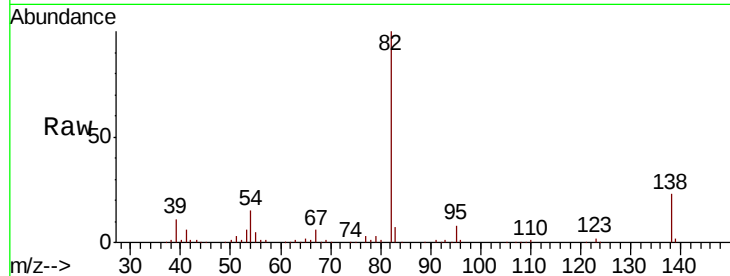
Tot Ion: 82 Resp: 202962

Ion Ratio Lower Upper

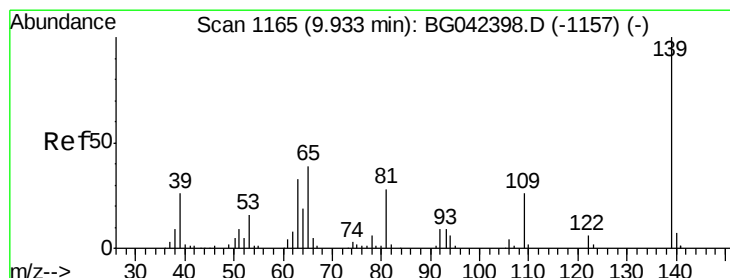
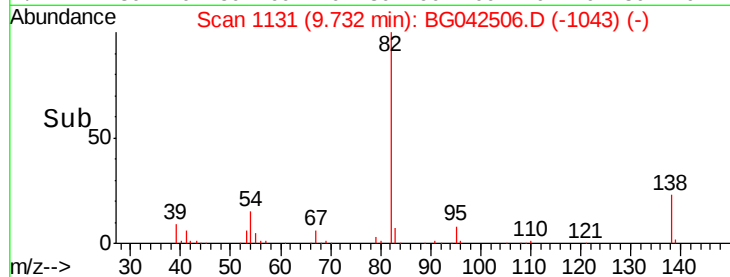
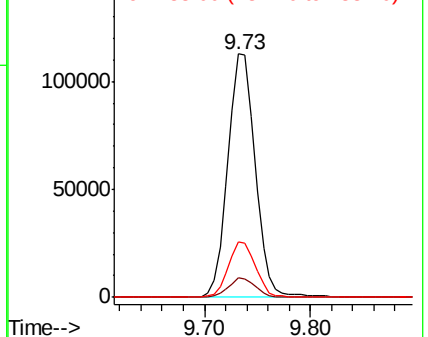
82 100

95 8.1 6.6 9.8

138 22.8 18.6 27.8



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



#26

2-Nitrophenol

Concen: 40.620 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

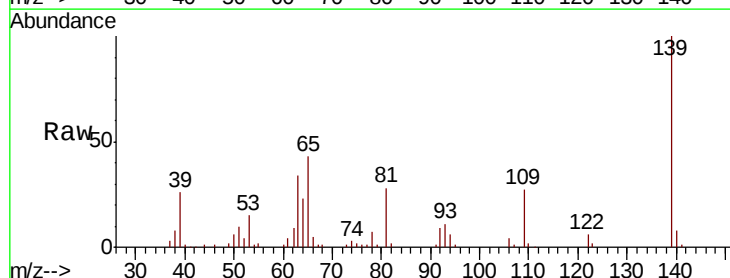
Tgt Ion: 139 Resp: 65806

Ion Ratio Lower Upper

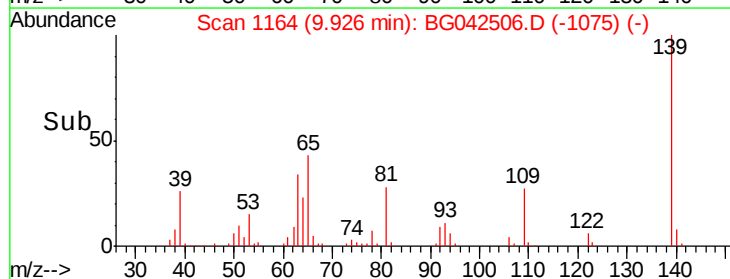
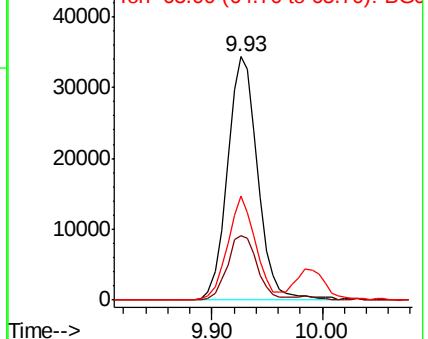
139 100

109 26.7 20.5 30.7

65 43.0 30.9 46.3



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

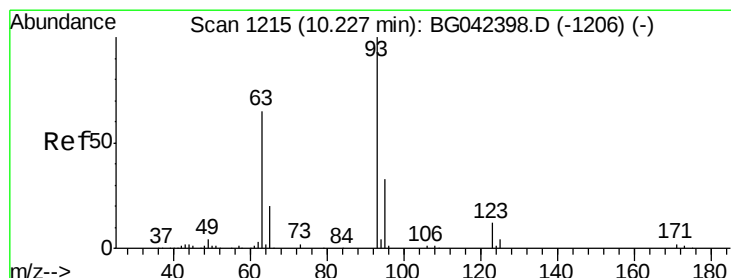
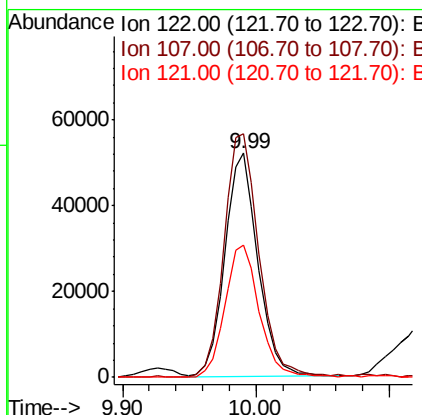
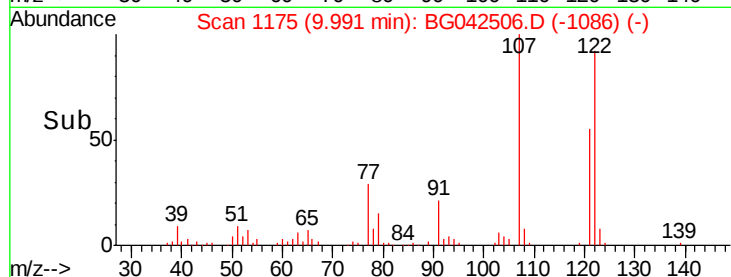
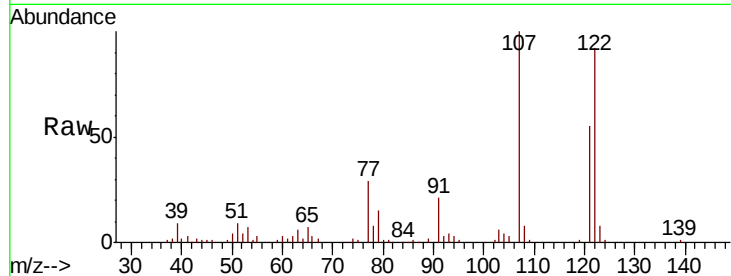




#27
 2,4-Dimethylphenol
 Concen: 40.235 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

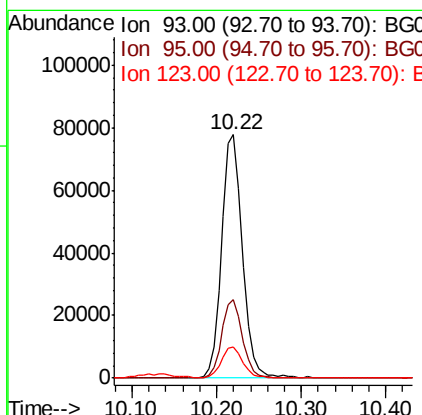
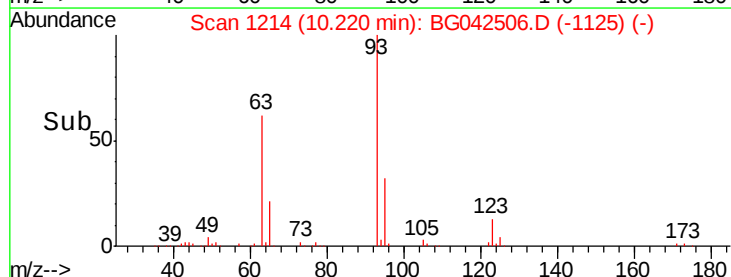
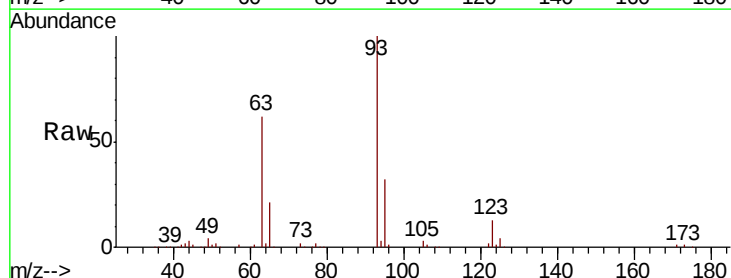
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 89790
 Ion Ratio Lower Upper
 122 100
 107 108.8 90.8 136.2
 121 59.3 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.808 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion: 93 Resp: 132761
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 40.0
 123 12.9 10.1 15.1

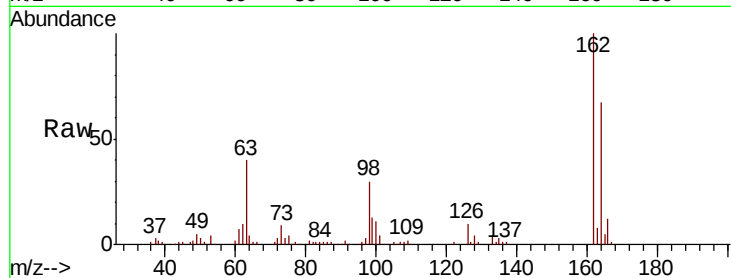




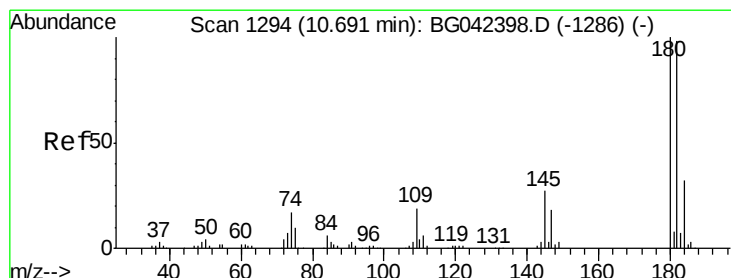
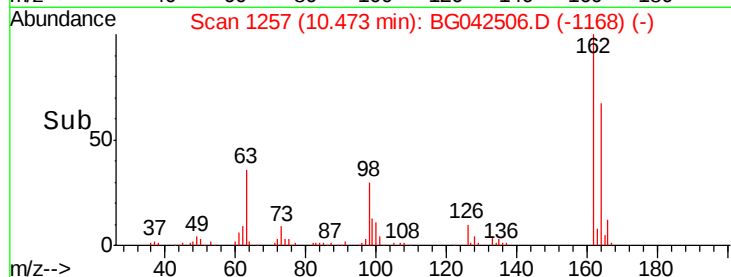
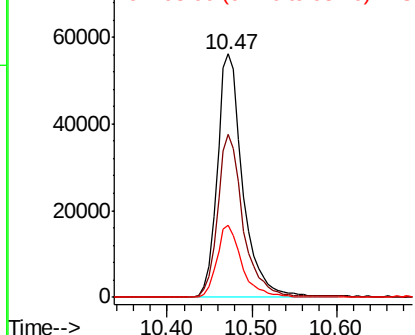
#29
 2,4-Dichlorophenol
 Concen: 40.518 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 118303
 Ion Ratio Lower Upper
 162 100
 164 66.7 48.1 88.1
 98 29.5 7.6 47.6

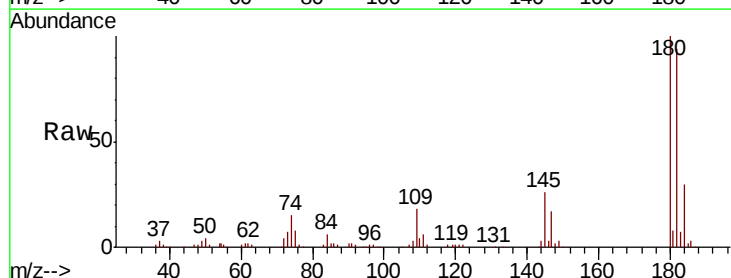


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

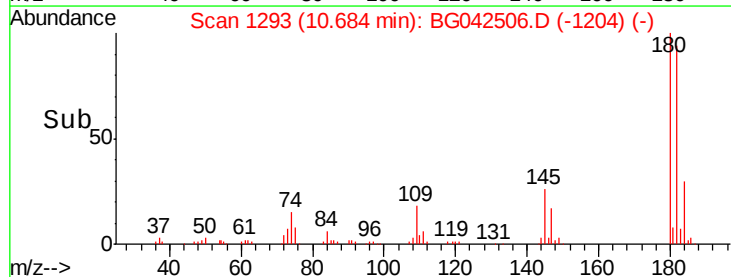
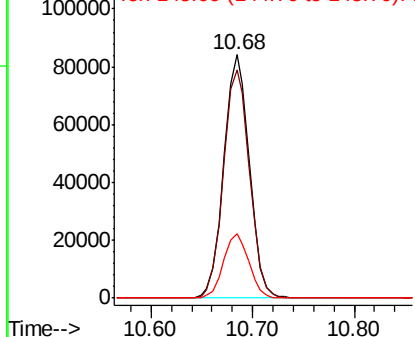


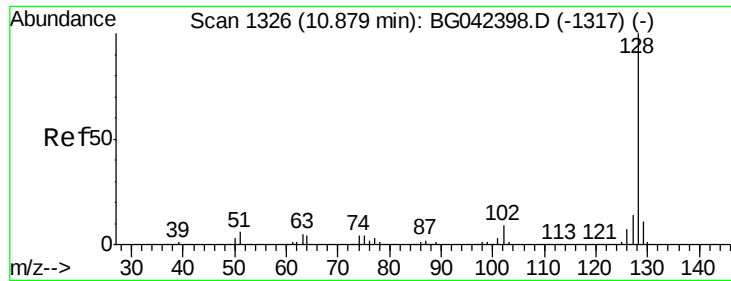
#30
 1,2,4-Trichlorobenzene
 Concen: 41.020 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion:180 Resp: 147007
 Ion Ratio Lower Upper
 180 100
 182 93.8 78.7 118.1
 145 26.5 21.6 32.4



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

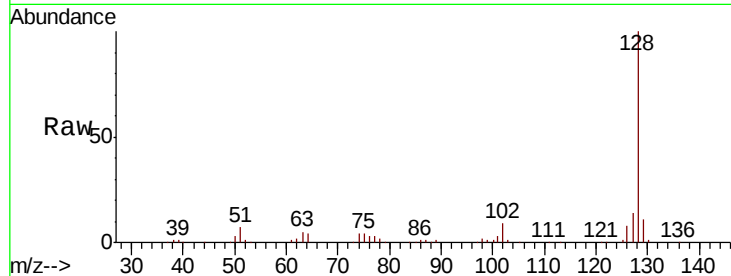




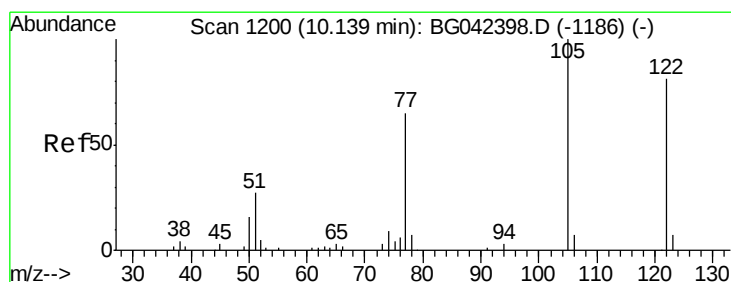
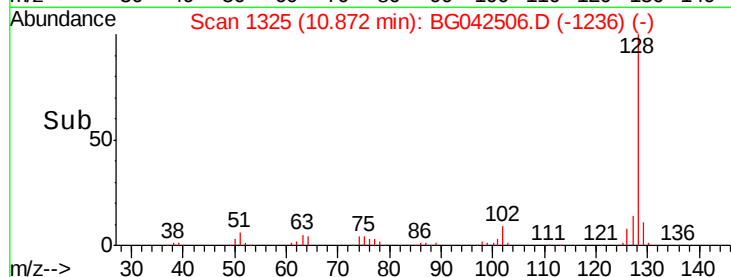
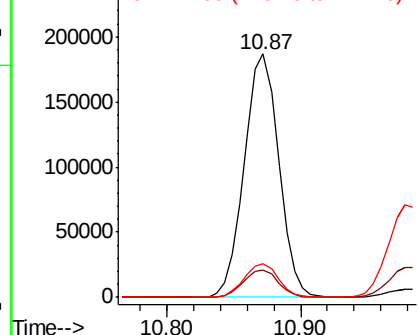
#31
Naphthalene
Concen: 40.797 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 334147
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 11.4 17.0

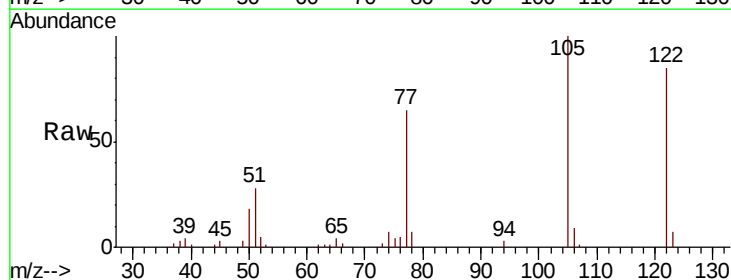


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

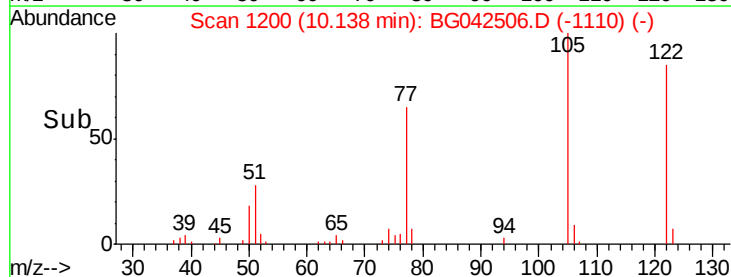
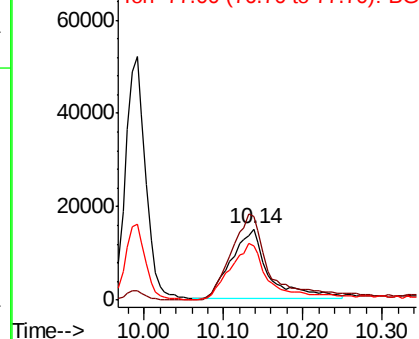


#32
Benzoic acid
Concen: 33.018 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Tgt Ion:122 Resp: 48499
Ion Ratio Lower Upper
122 100
105 117.6 99.6 139.6
77 76.6 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

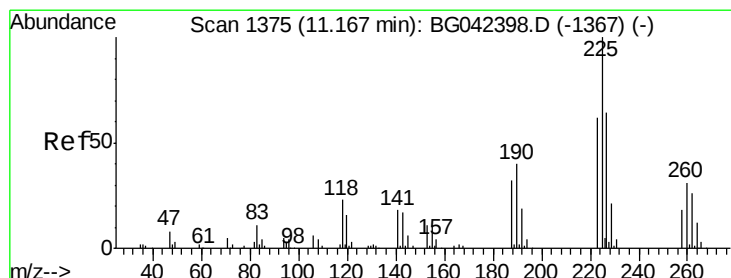
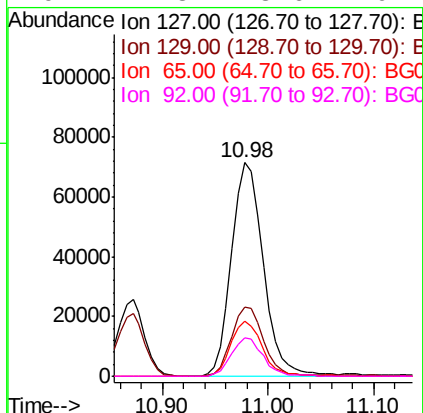
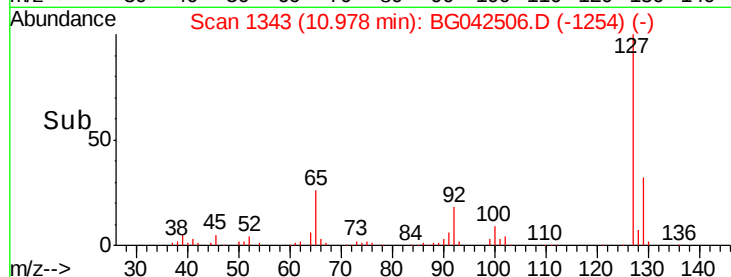
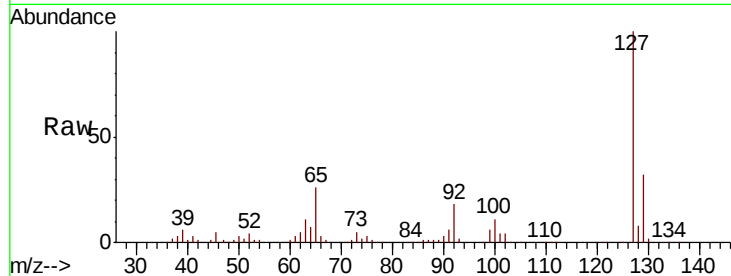




#33
4-Chloroaniline
Concen: 39.606 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

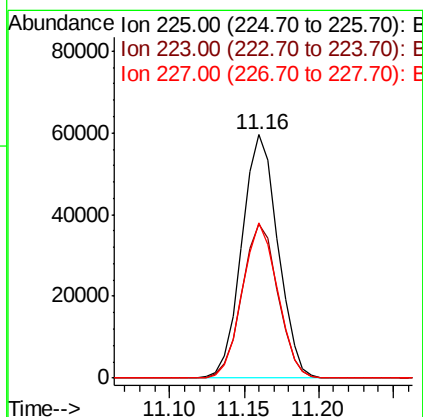
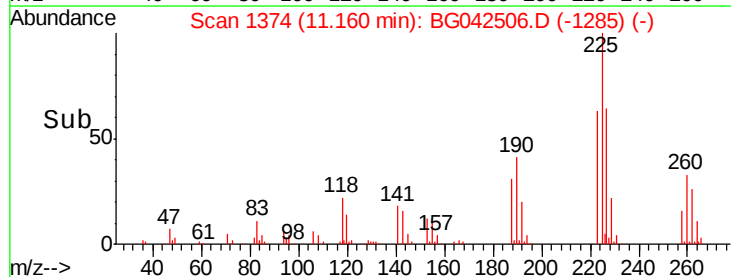
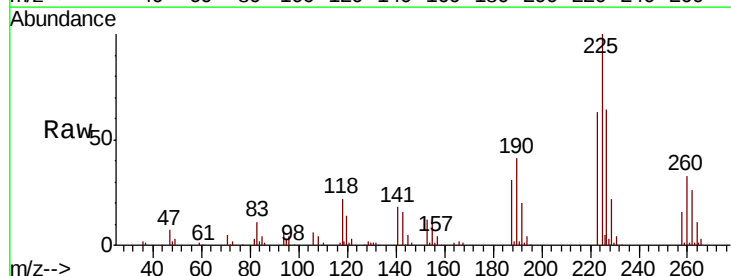
Instrument :
BNA_G
ClientSampled :

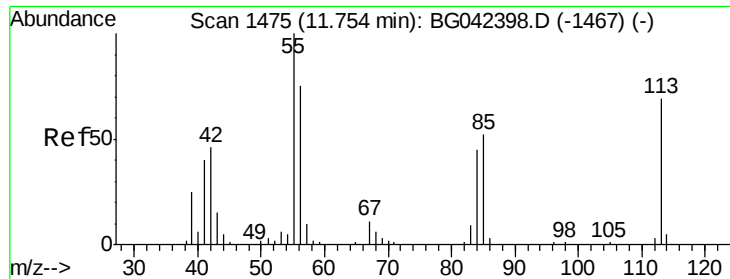
Tot Ion:	127	Resp:	149752
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.8	40.2
65	25.7	20.7	31.1
92	17.8	13.6	20.4



#34
Hexachlorobutadiene
Concen: 41.288 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Tgt Ion:	225	Resp:	99444
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	63.5	50.9	76.3

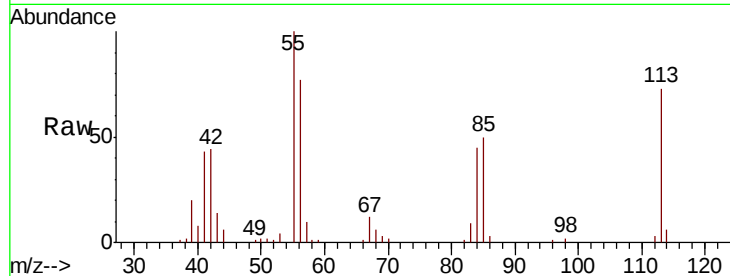




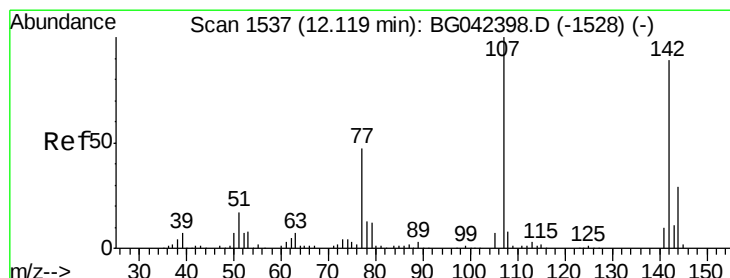
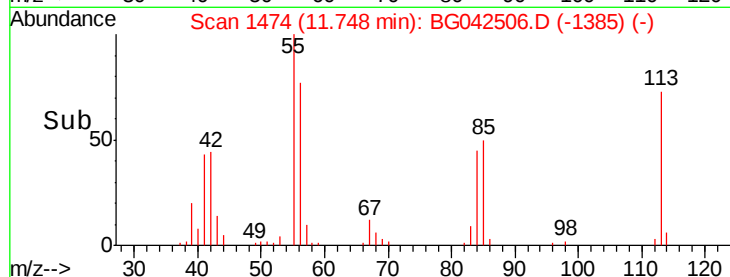
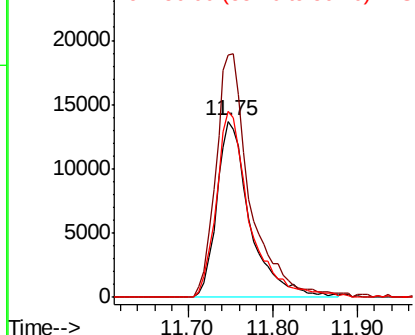
#35
 Caprolactam
 Concen: 38.523 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 37531
 Ion Ratio Lower Upper
 113 100
 55 137.7 124.6 164.6
 56 106.1 88.3 128.3

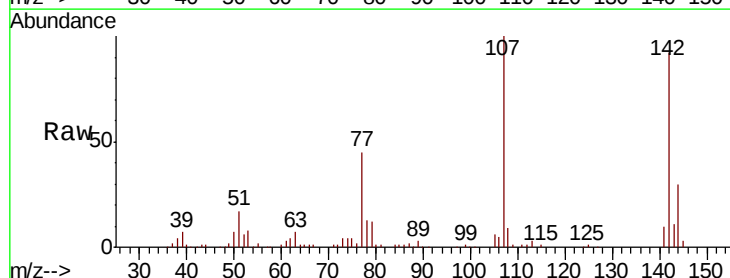


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

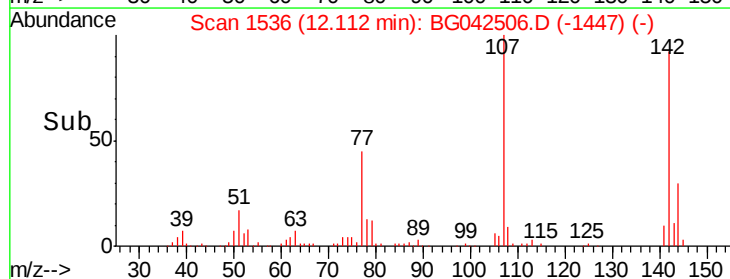
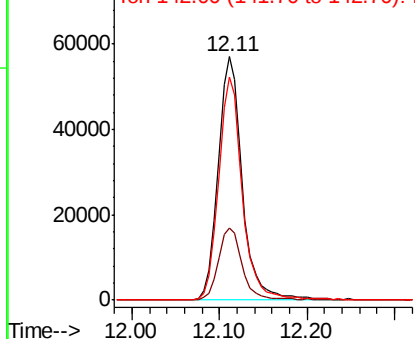


#36
 4-Chloro-3-methylphenol
 Concen: 39.223 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion:107 Resp: 108715
 Ion Ratio Lower Upper
 107 100
 144 29.8 23.6 35.4
 142 91.6 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

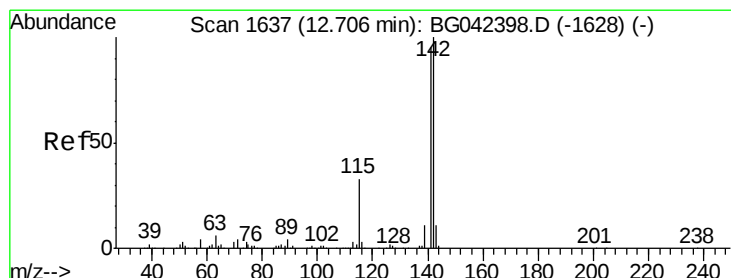
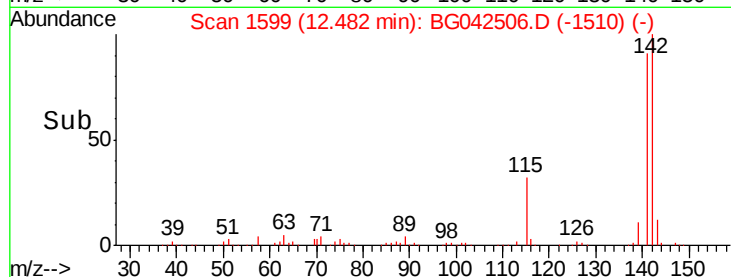
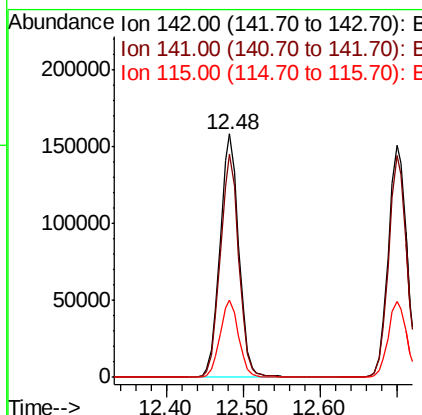
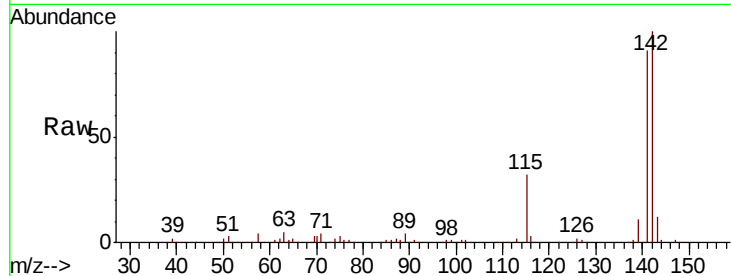




#37
 2-Methylnaphthalene
 Concen: 40.710 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

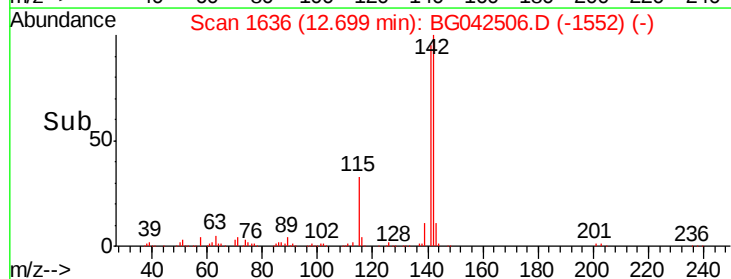
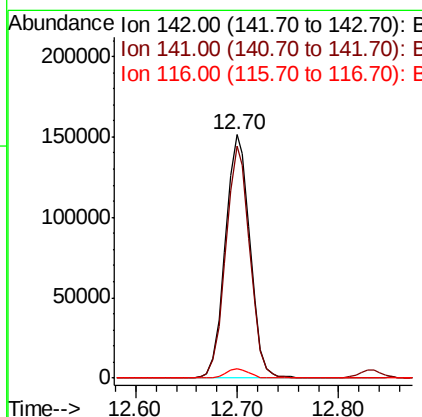
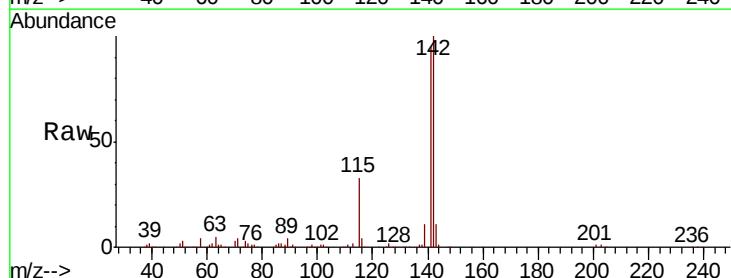
Instrument :
 BNA_G
 ClientSampleId :

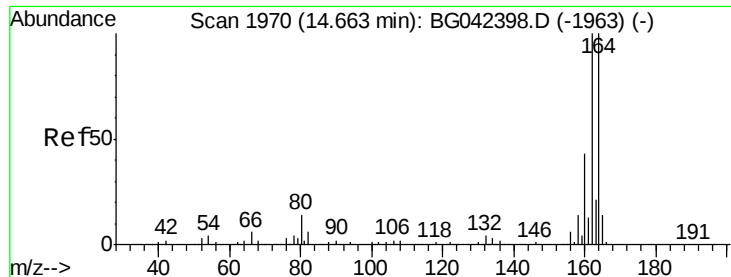
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.4	107.2
115	31.9	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 40.589 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampled :

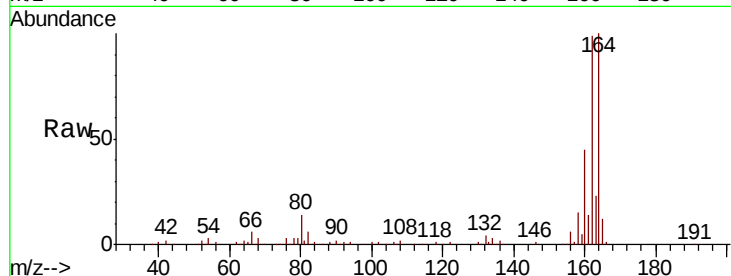
Tot Ion:164 Resp: 127668

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

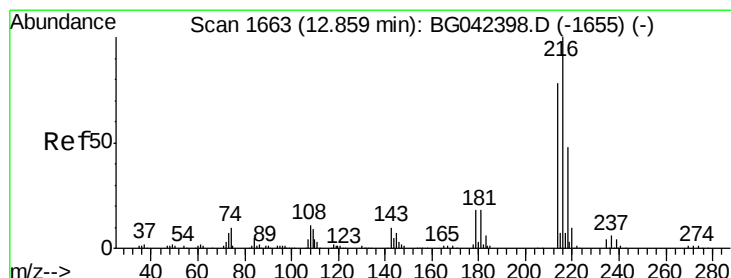
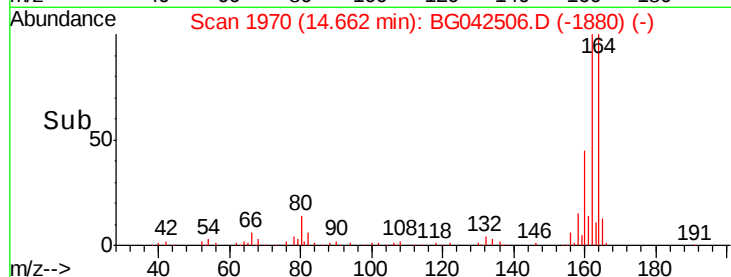
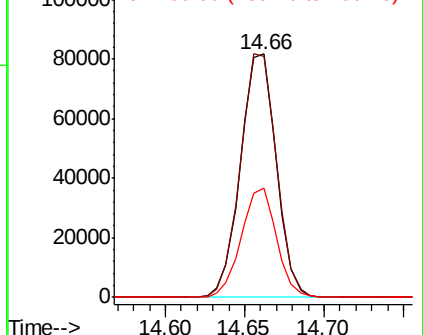
160 44.8 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.981 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Tgt Ion:216 Resp: 172116

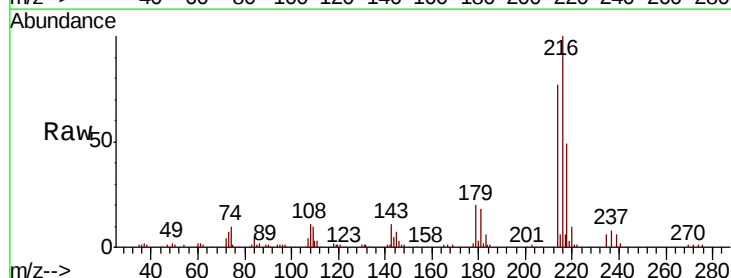
Ion Ratio Lower Upper

216 100

214 76.5 61.4 92.2

179 18.5 15.1 22.7

108 11.8 9.4 14.0

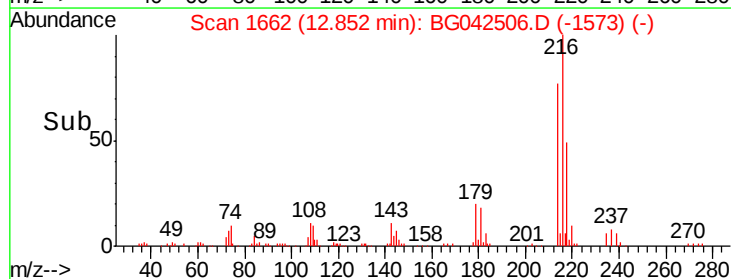
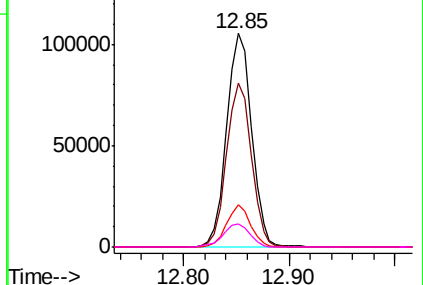


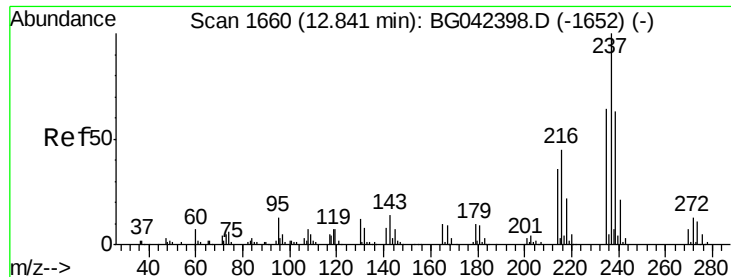
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

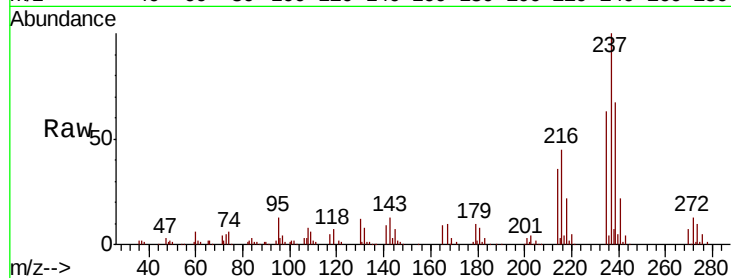




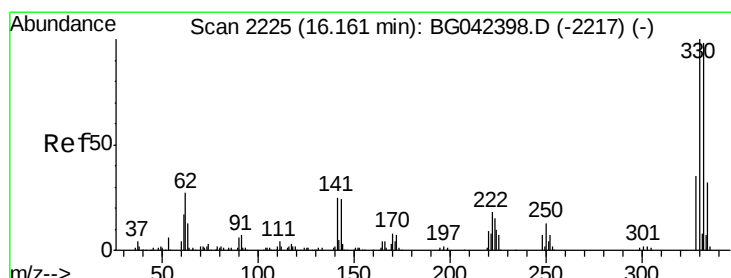
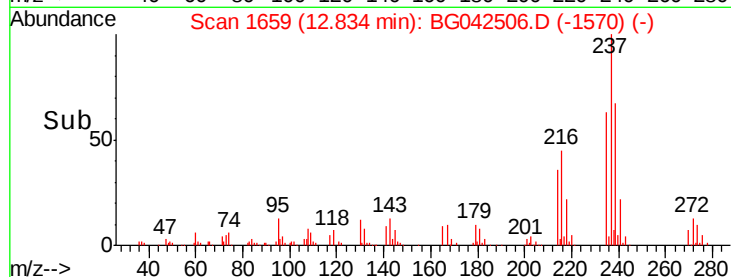
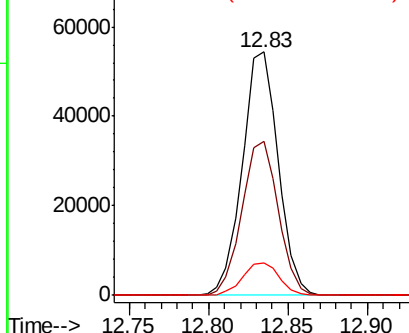
#41
Hexachlorocyclopentadiene
Concen: 39.730 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 85563
Ion Ratio Lower Upper
237 100
235 63.0 43.7 83.7
272 13.1 0.0 33.3

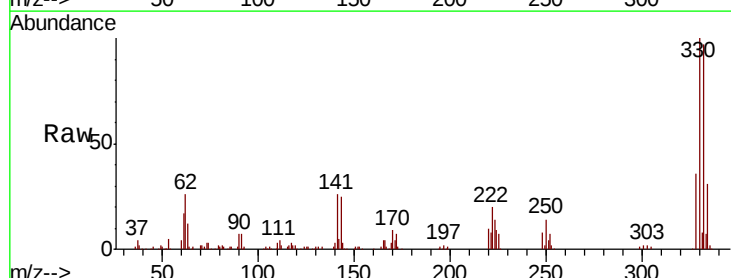


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

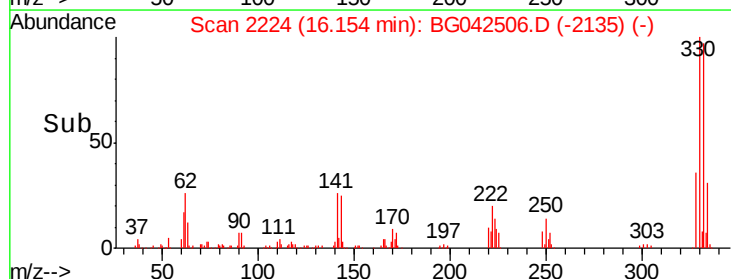
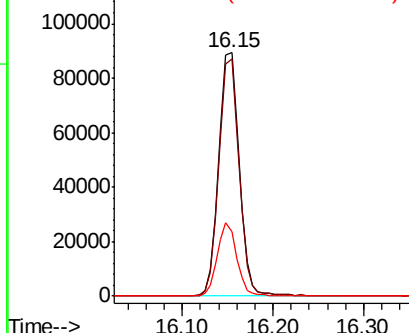


#42
2,4,6-Tribromophenol
Concen: 77.315 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Tgt Ion:330 Resp: 140295
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 28.2 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

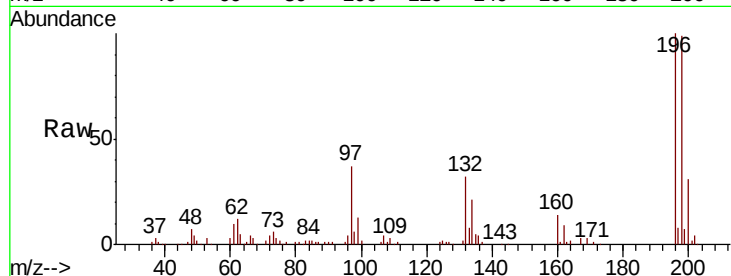




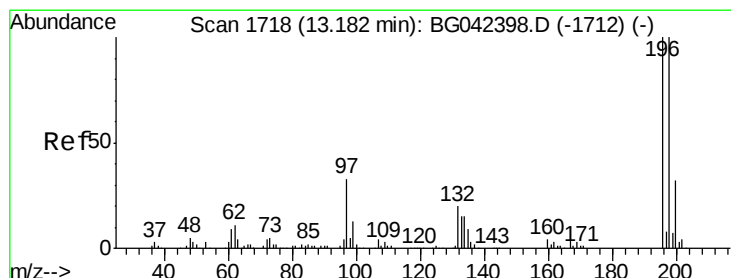
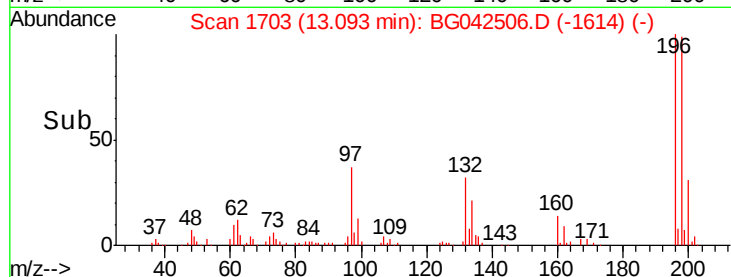
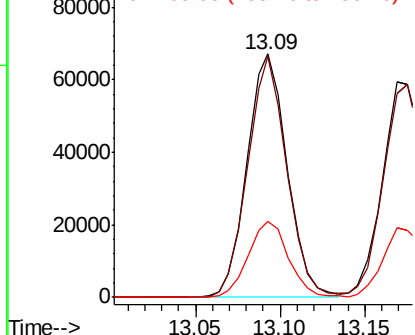
#43
 2,4,6-Trichlorophenol
 Concen: 39.989 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 110820
 Ion Ratio Lower Upper
 196 100
 198 99.2 80.7 121.1
 200 31.4 25.7 38.5

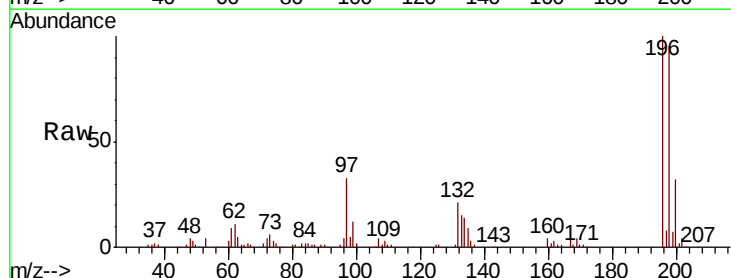


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

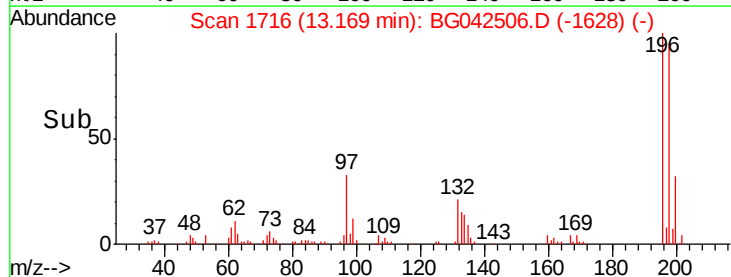
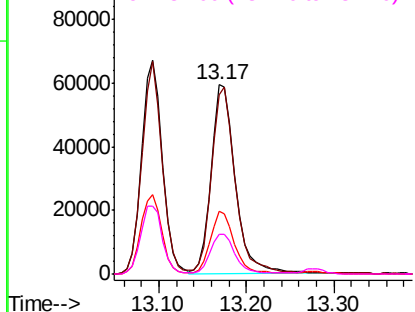


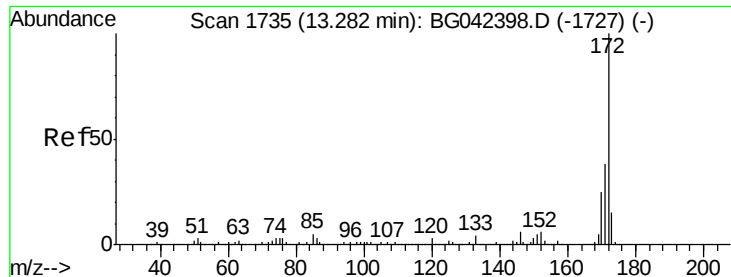
#44
 2,4,5-Trichlorophenol
 Concen: 39.739 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion:196 Resp: 114123
 Ion Ratio Lower Upper
 196 100
 198 94.6 80.2 120.4
 97 33.4 26.3 39.5
 132 20.9 16.6 24.8



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

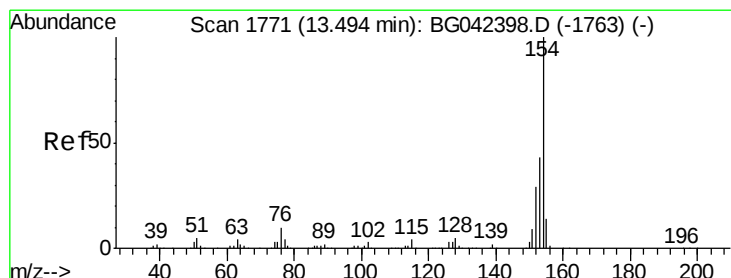
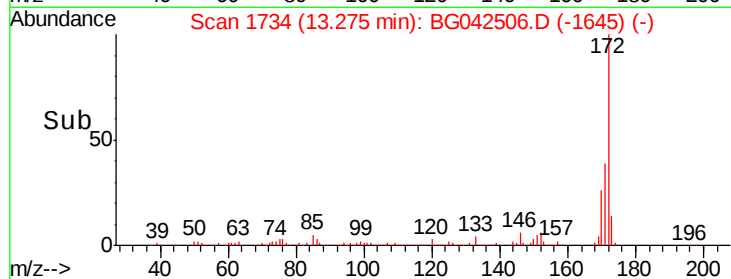
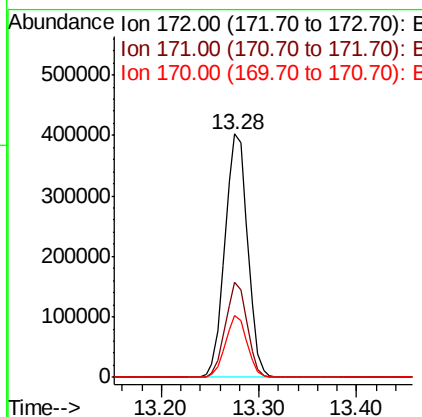
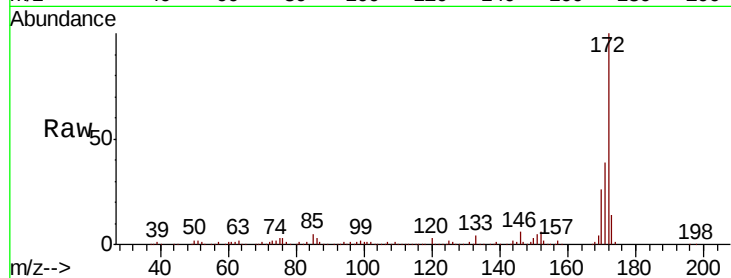




#45
 2-Fluorobiphenyl
 Concen: 85.888 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

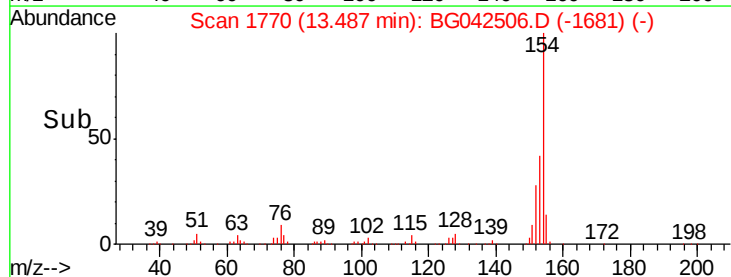
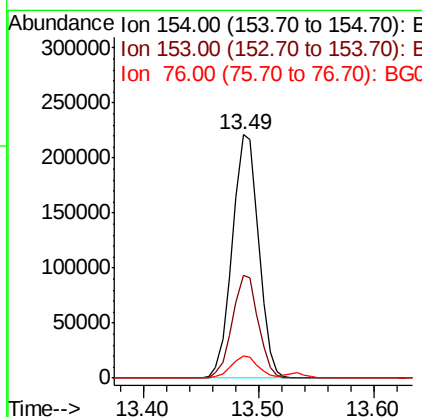
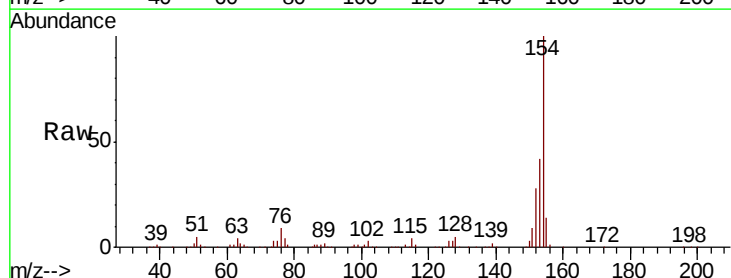
Instrument :
 BNA_G
 ClientSampled :

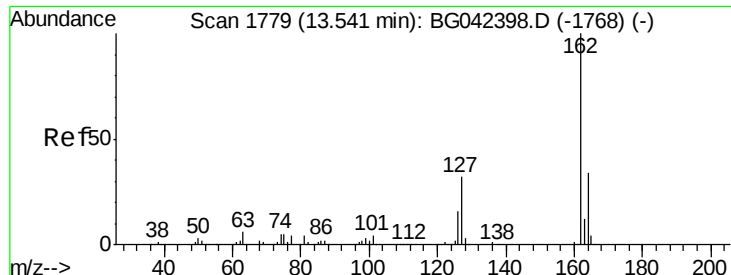
Tot Ion:172 Resp: 648329
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.5 45.7
 170 25.6 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 42.470 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion:154 Resp: 350484
 Ion Ratio Lower Upper
 154 100
 153 42.0 23.0 63.0
 76 9.3 0.0 29.6

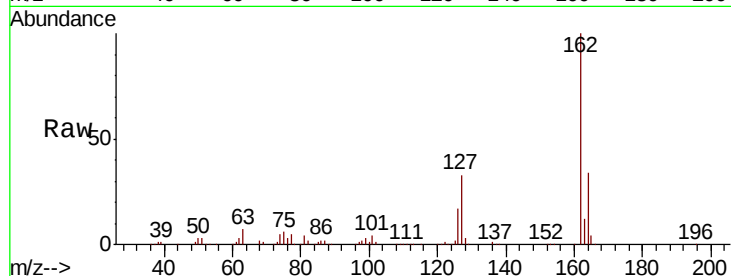




#47
2-Chloronaphthalene
Concen: 41.696 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.3	26.0	39.0
164	34.2	27.4	41.0

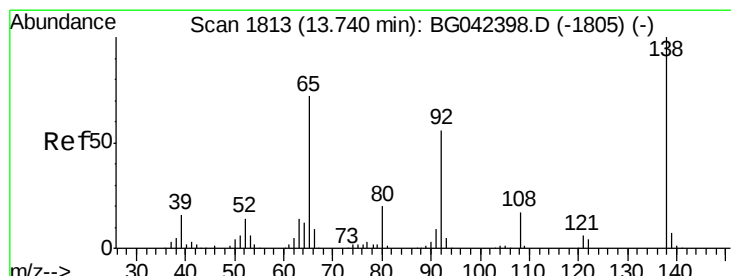
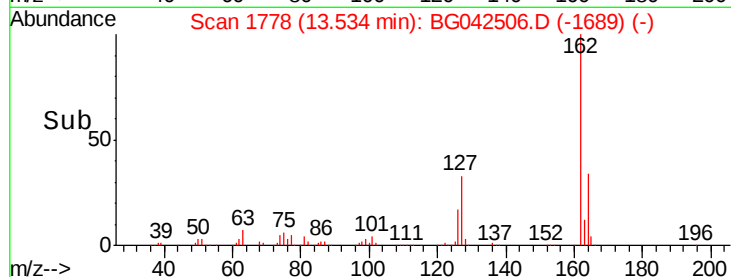
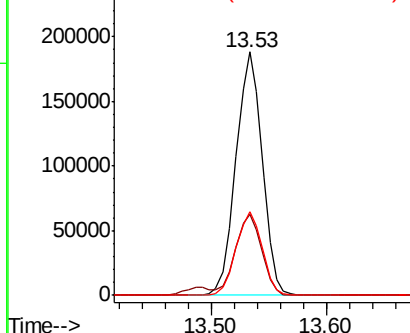


Abundance

Ion 162.00 (161.70 to 162.70): E

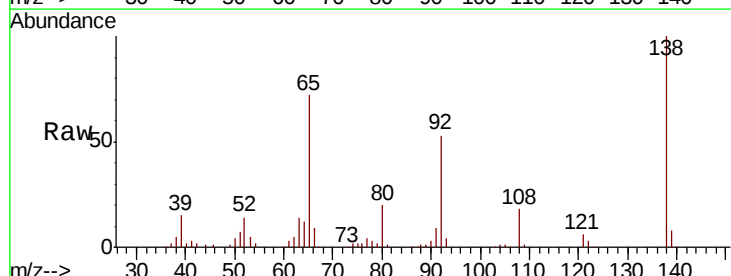
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.831 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	61.8	92.6
138	139.7	111.0	166.6

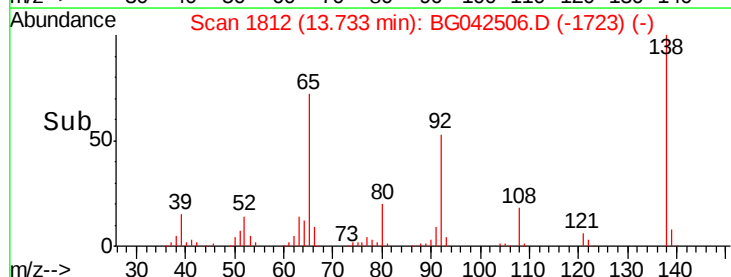
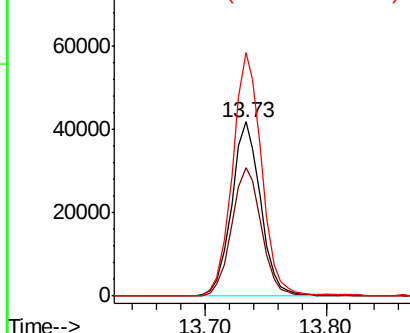


Abundance

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: 41.719 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

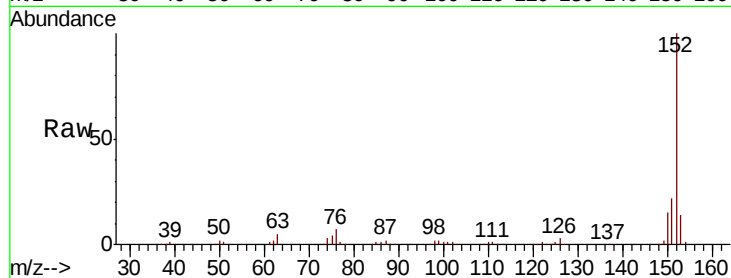
Tot Ion:152 Resp: 446627

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.4

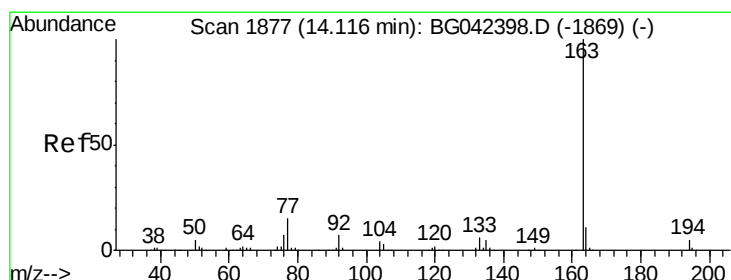
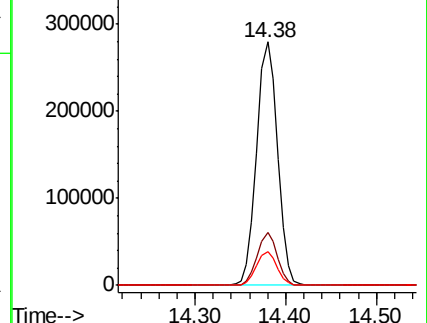
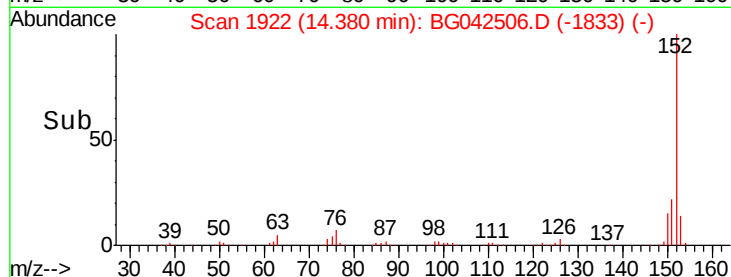
153 13.6 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.215 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

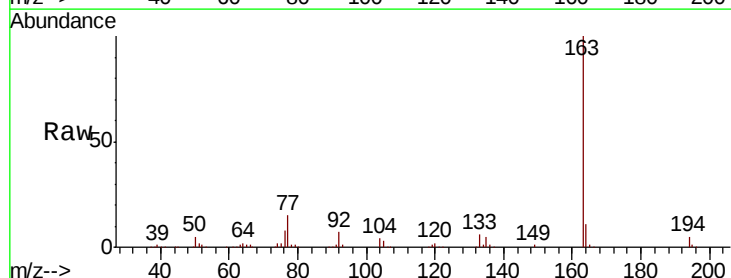
Tgt Ion:163 Resp: 379663

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

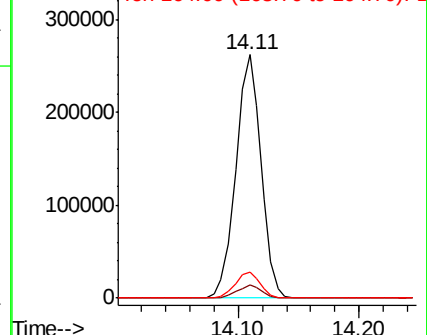
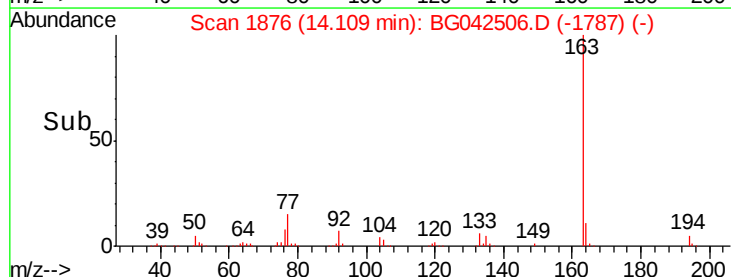
164 10.6 8.8 13.2

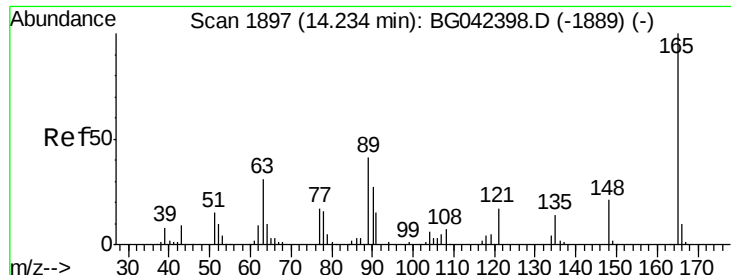


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

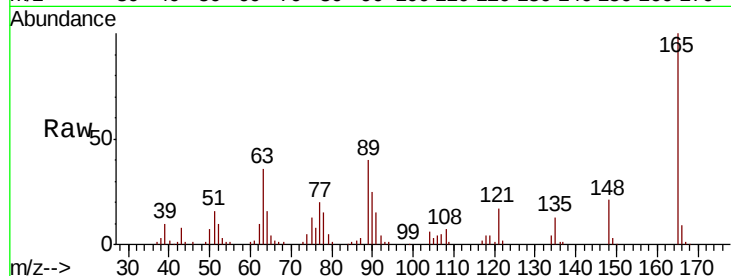




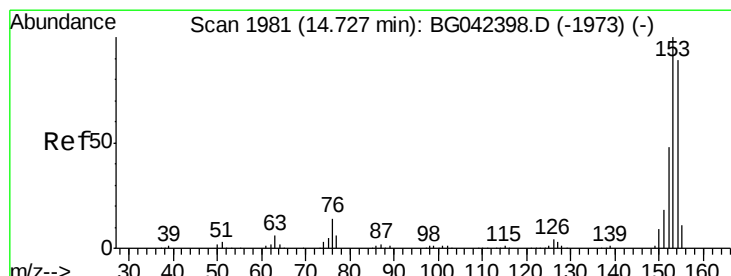
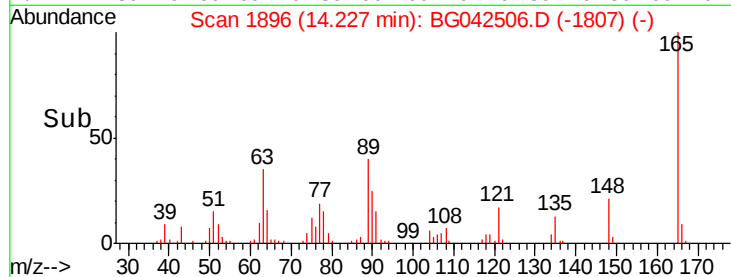
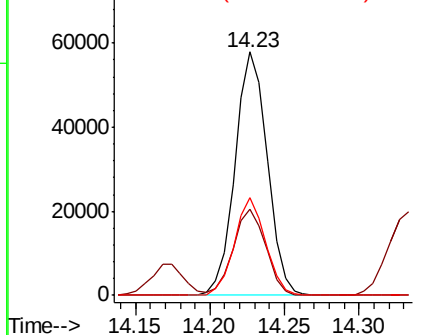
#51
 2,6-Dinitrotoluene
 Concen: 40.694 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.5	30.6	45.8
89	40.2	32.6	49.0

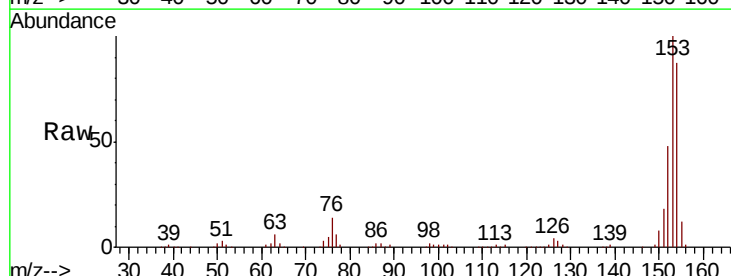


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

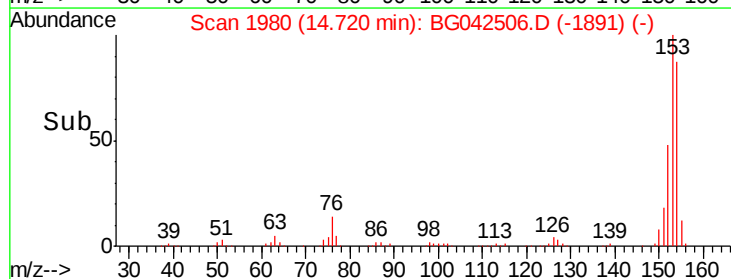
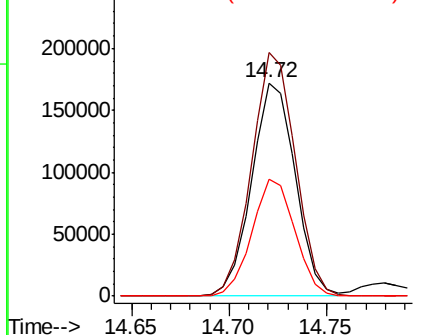


#52
 Acenaphthene
 Concen: 40.951 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.2	135.4
152	54.9	43.2	64.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

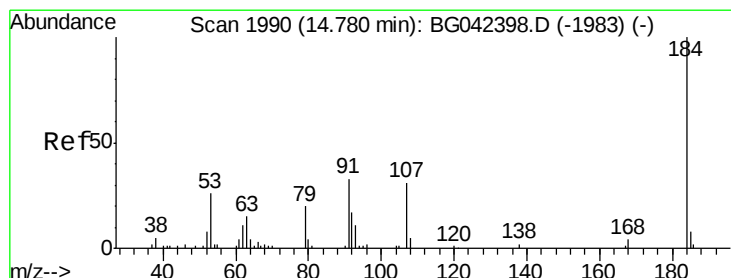
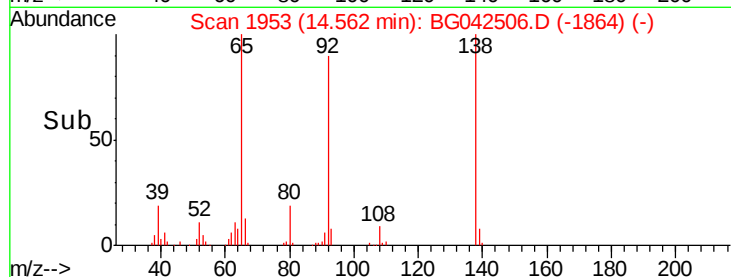
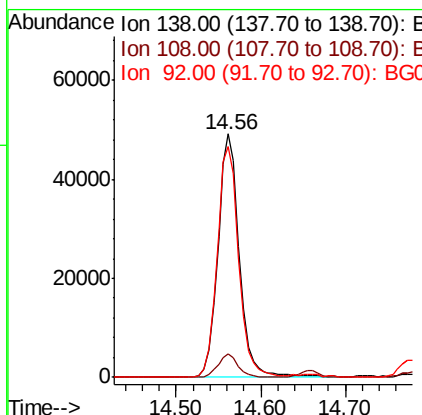
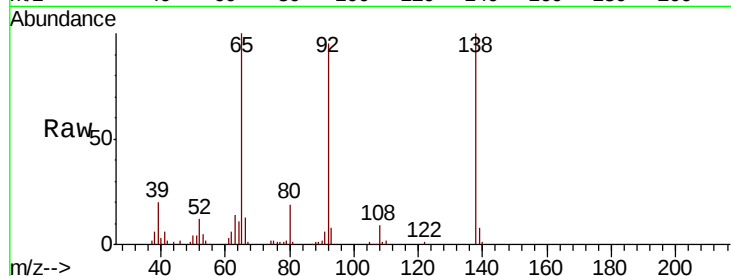




#53
3-Nitroaniline
Concen: 40.590 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

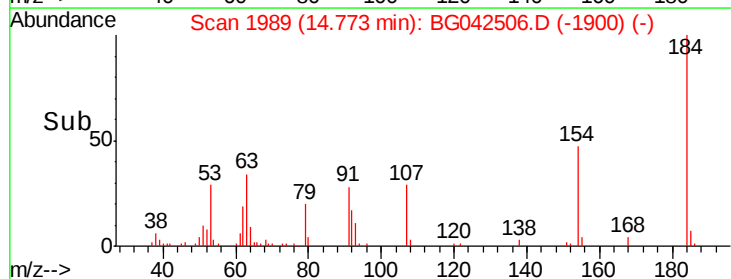
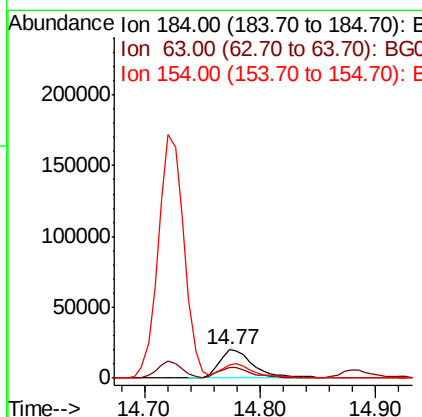
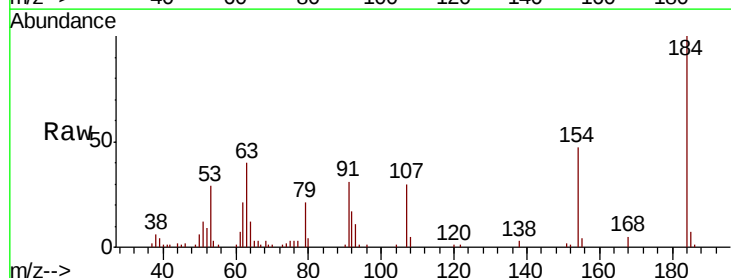
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 86676
Ion Ratio Lower Upper
138 100
108 9.4 8.3 12.5
92 95.0 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 32.802 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Tgt Ion:184 Resp: 41444
Ion Ratio Lower Upper
184 100
63 39.5 31.7 47.5
154 47.5 42.0 63.0

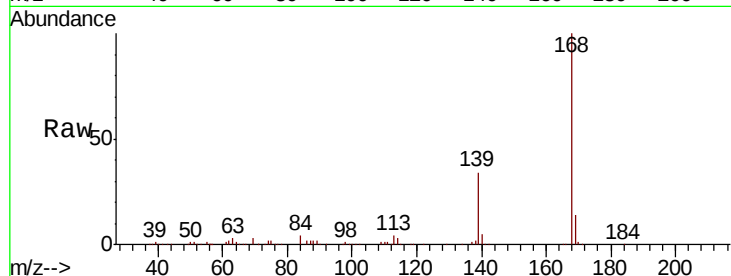




#55
Dibenzofuran
Concen: 41.791 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.8	27.2	40.8
169	14.3	11.5	17.3

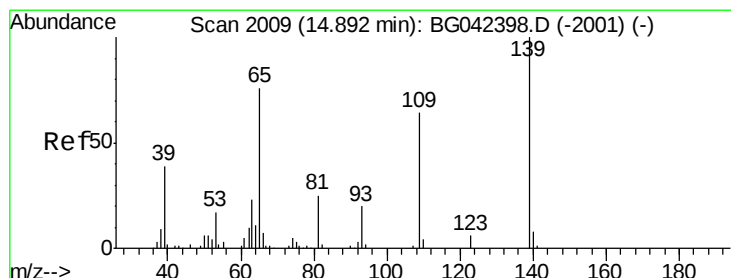
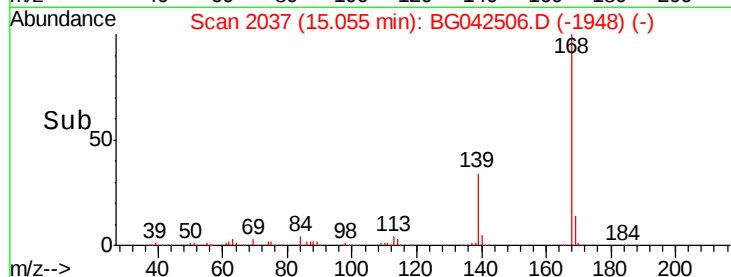
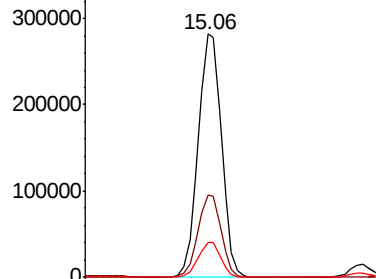


Abundance

Ion 168.00 (167.70 to 168.70): E

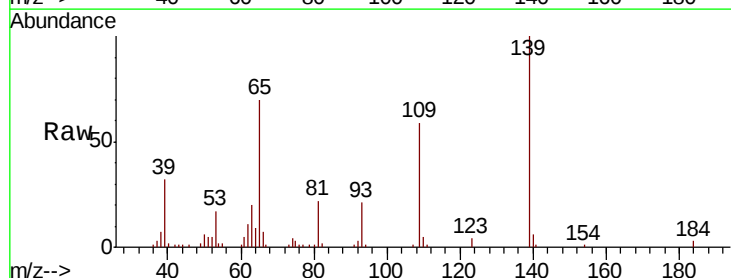
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 38.599 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.4	43.9	83.9
65	70.0	56.3	96.3

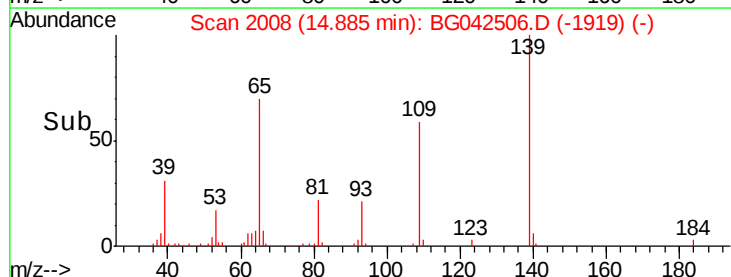
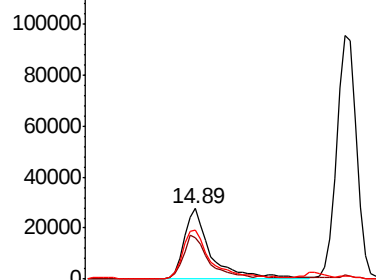


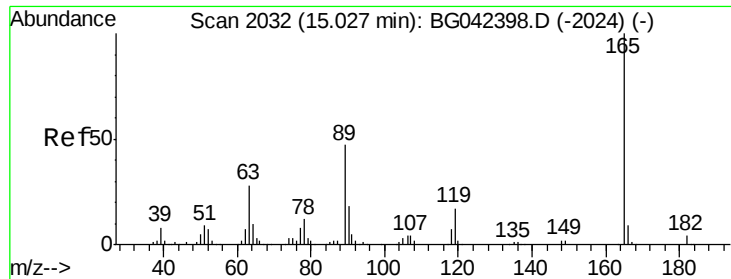
Abundance

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

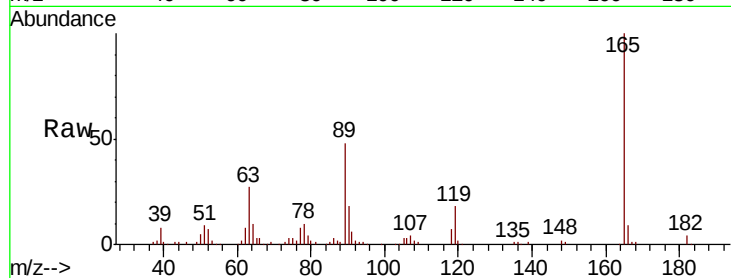




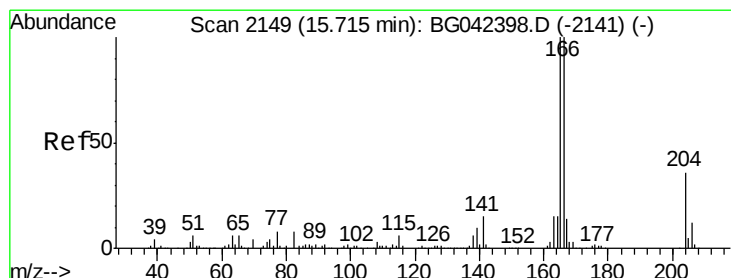
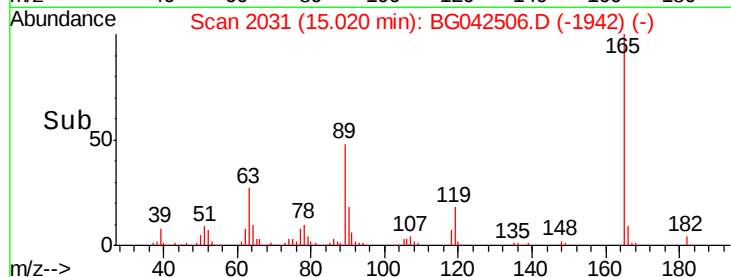
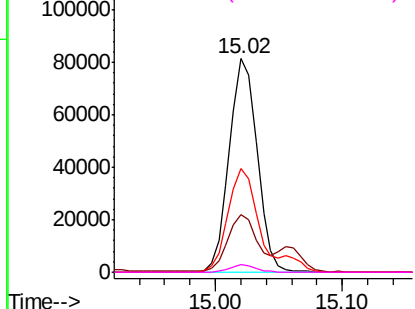
#57
 2,4-Dinitrotoluene
 Concen: 40.726 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	124523
Ion Ratio	Lower	Upper
165	100	
63	27.3	22.5 33.7
89	48.4	37.8 56.6
182	3.6	3.0 4.4

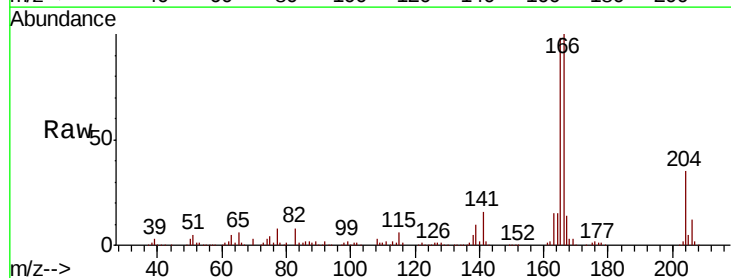


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

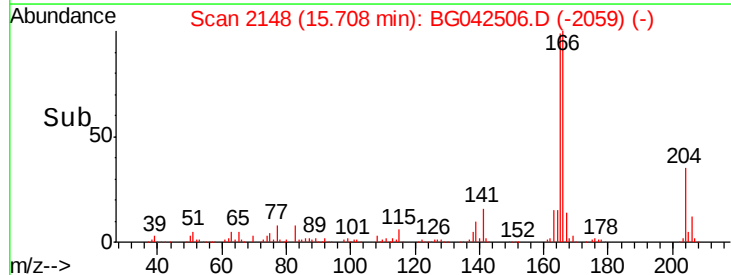
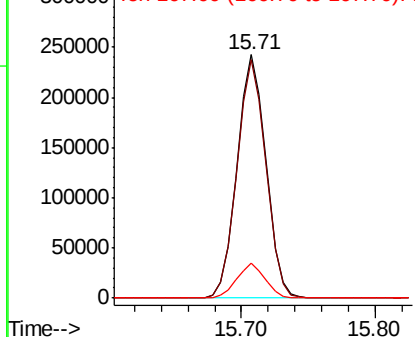


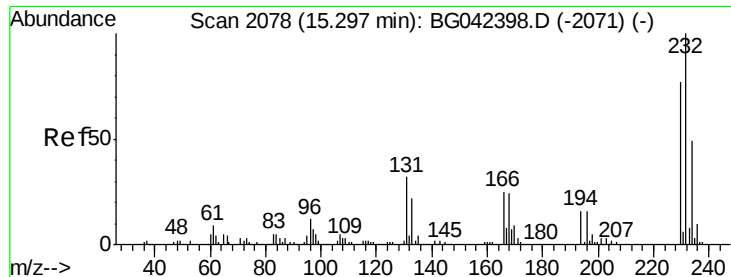
#58
 Fluorene
 Concen: 41.229 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion:166	Resp:	362654
Ion Ratio	Lower	Upper
166	100	
165	98.1	79.7 119.5
167	14.1	10.9 16.3



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

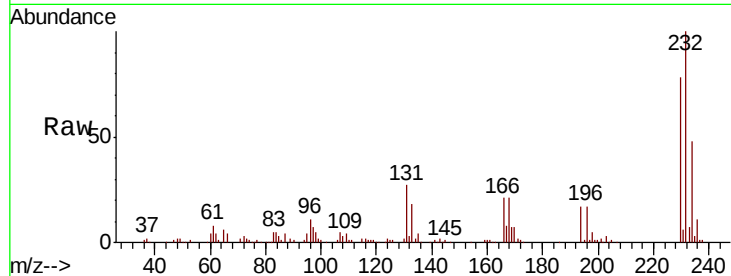




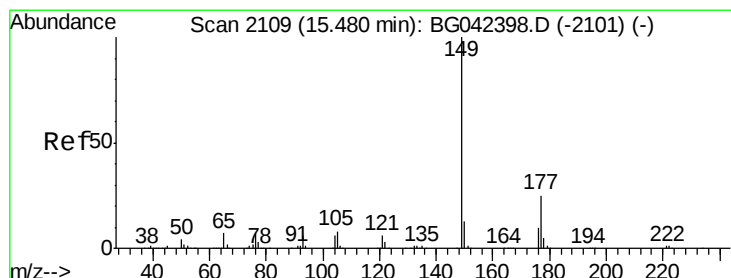
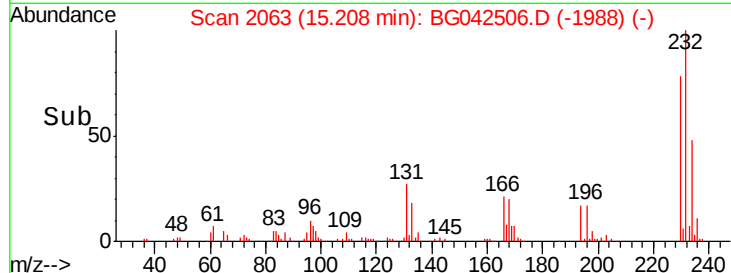
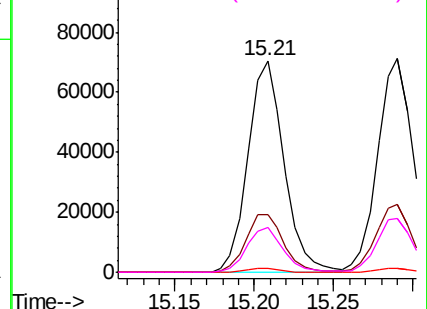
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.314 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	111652
Ion Ratio	Lower	Upper
232	100	
131	28.7	22.9 34.3
130	1.7	1.4 2.0
166	21.3	17.0 25.4

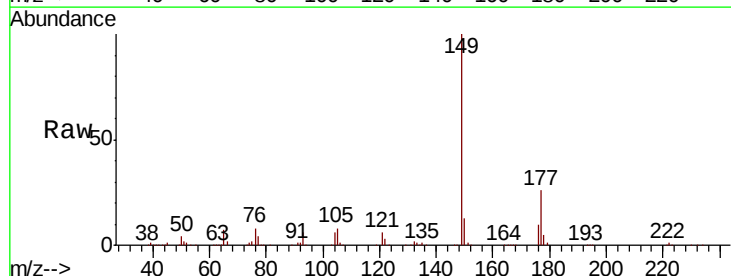


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

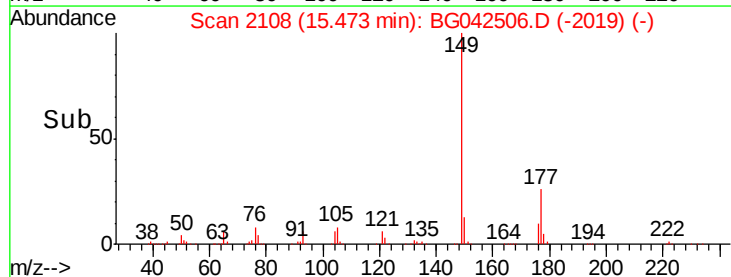
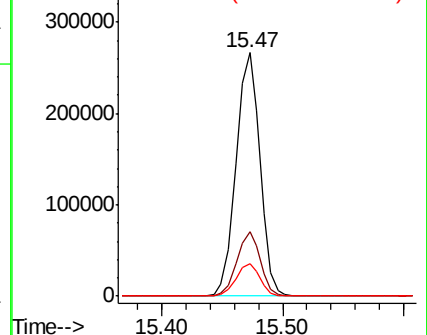


#60
 Diethylphthalate
 Concen: 40.678 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion:149	Resp:	366300
Ion Ratio	Lower	Upper
149	100	
177	26.3	20.4 30.6
150	13.3	10.3 15.5



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

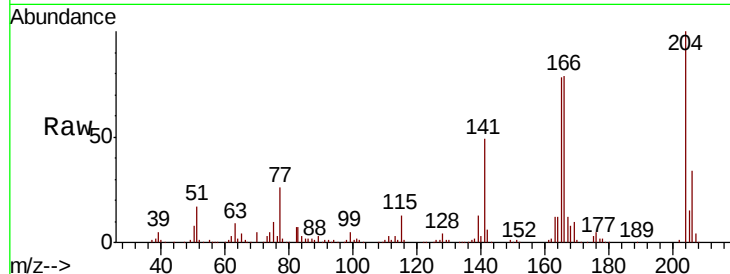




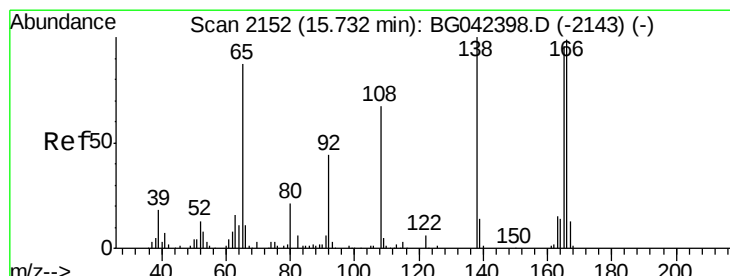
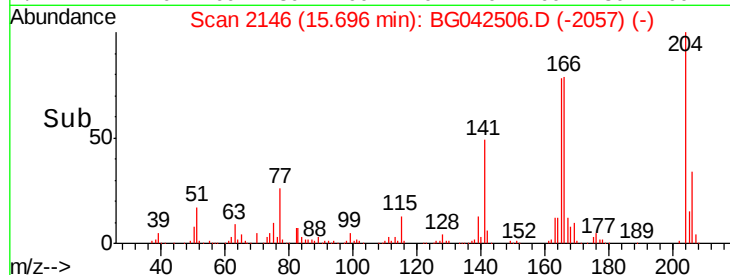
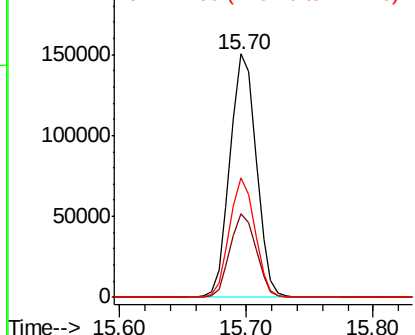
#61
 4-Chlorophenyl-phenylether
 Concen: 40.738 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 216008
 Ion Ratio Lower Upper
 204 100
 206 34.3 27.2 40.8
 141 49.1 38.7 58.1

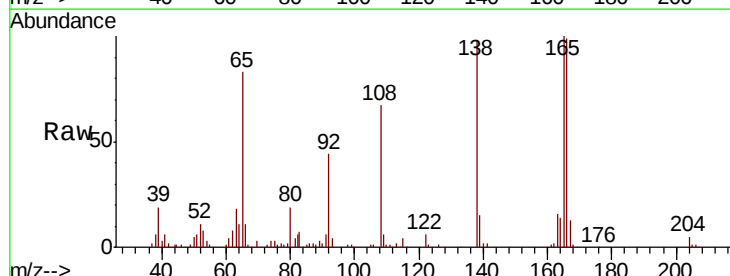


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

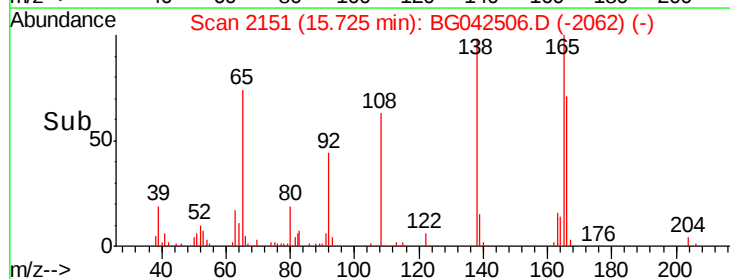
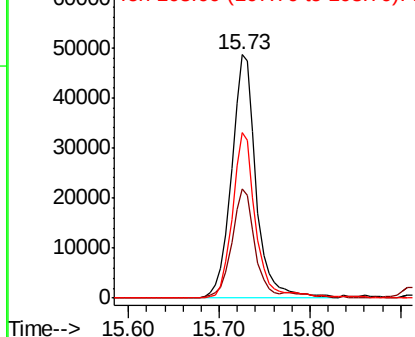


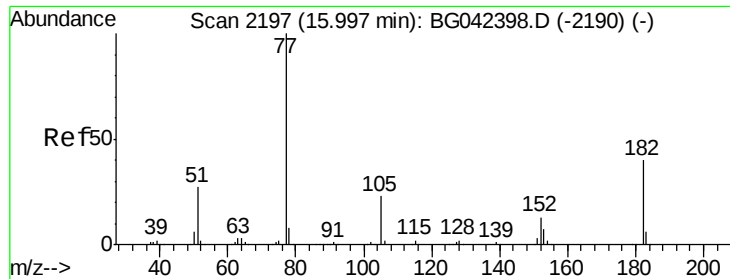
#62
 4-Nitroaniline
 Concen: 40.471 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion:138 Resp: 92494
 Ion Ratio Lower Upper
 138 100
 92 44.9 24.2 64.2
 108 68.2 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

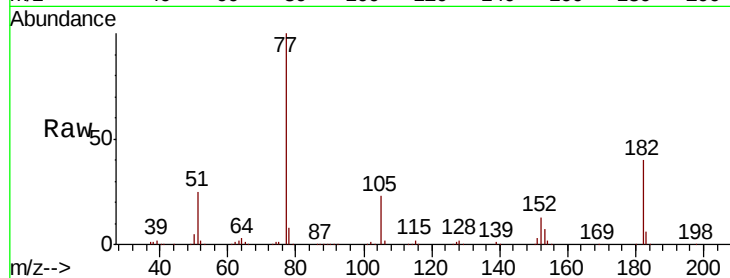




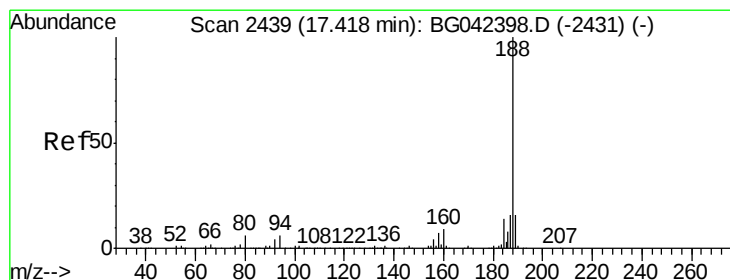
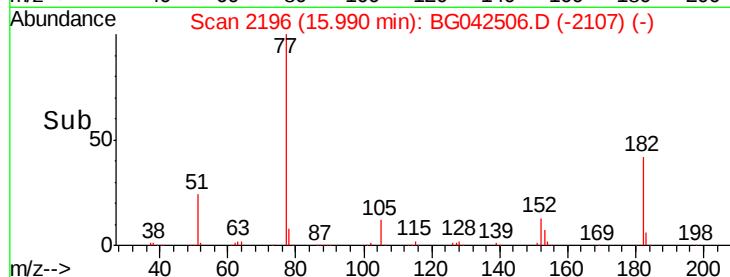
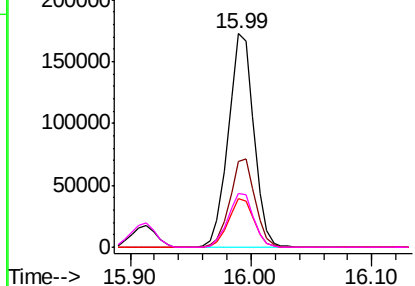
#63
Azobenzene
Concen: 41.198 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	254208
Ion	Ratio	Lower	Upper
77	100		
182	40.4	19.9	59.9
105	22.6	2.9	42.9
51	25.3	7.6	47.6

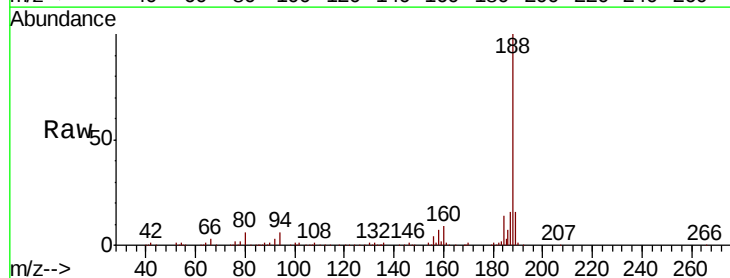


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

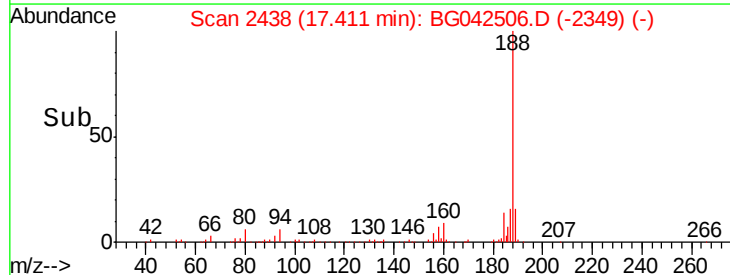
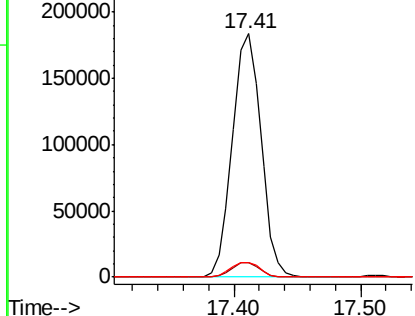


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Tgt Ion:	188	Resp:	288147
Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.5	6.7
80	6.1	4.9	7.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.993 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

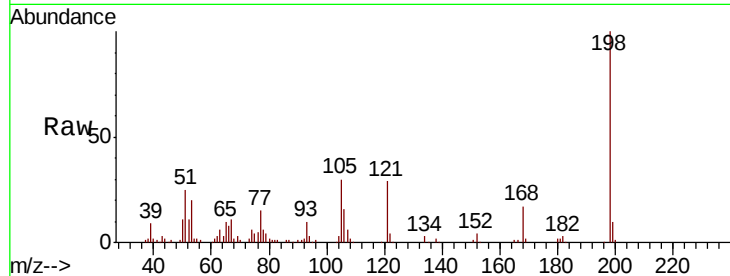
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 68637

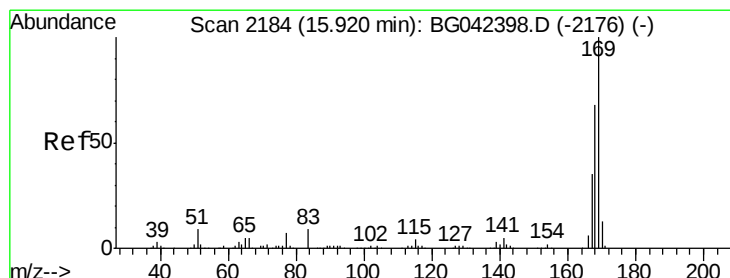
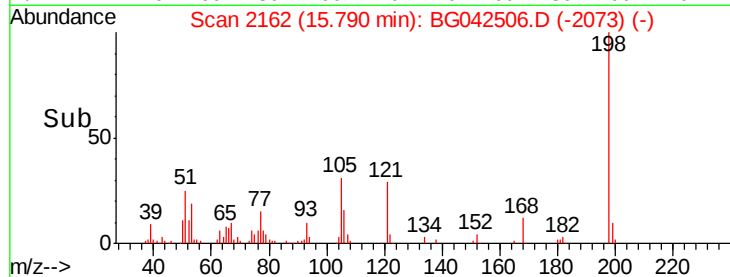
Ion	Ratio	Lower	Upper
198	100		
51	25.0	4.2	44.2
105	30.3	8.8	48.8



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: 41.877 ng

RT: 15.91 min Scan# 2183

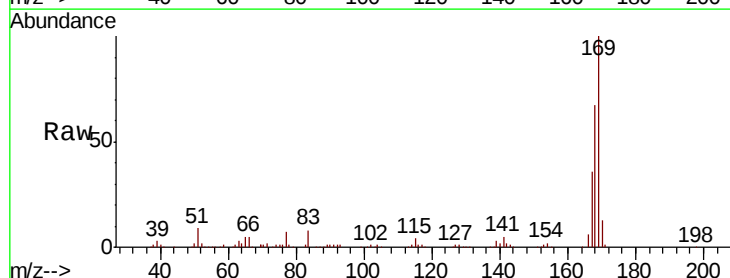
Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Tgt Ion:169 Resp: 331848

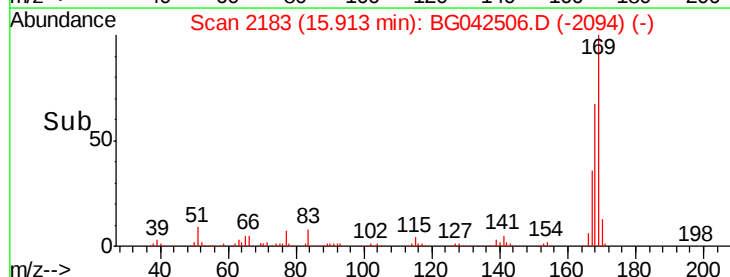
Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.3	81.5
167	36.0	28.2	42.2



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

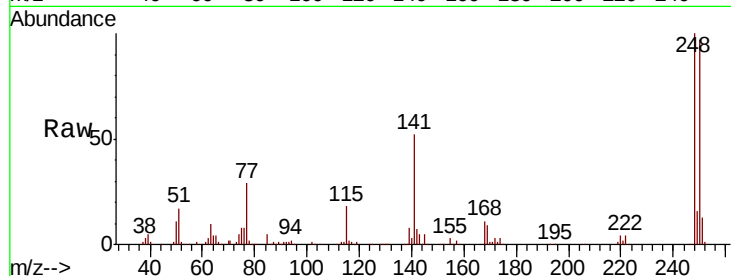




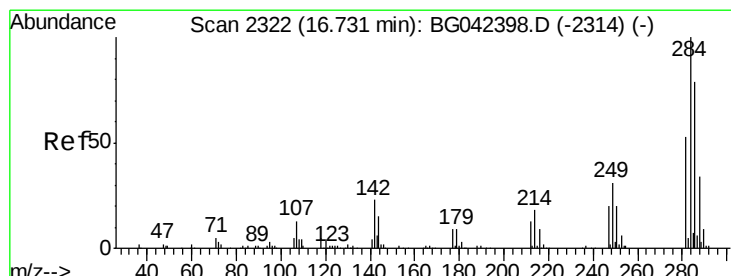
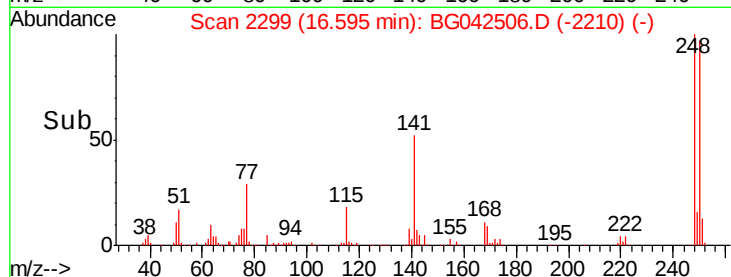
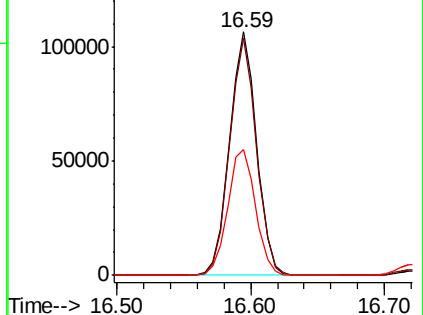
#67
 4-Bromophenyl-phenylether
 Concen: 41.029 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 149960
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.9 118.3
 141 51.7 43.3 64.9

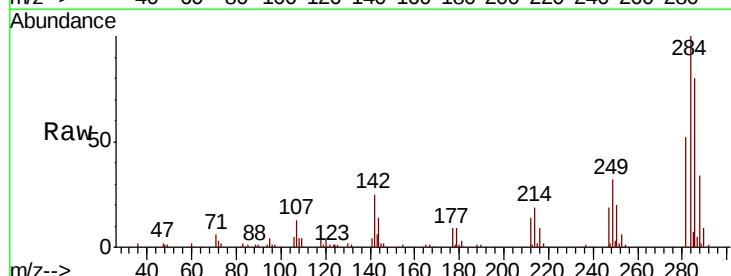


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

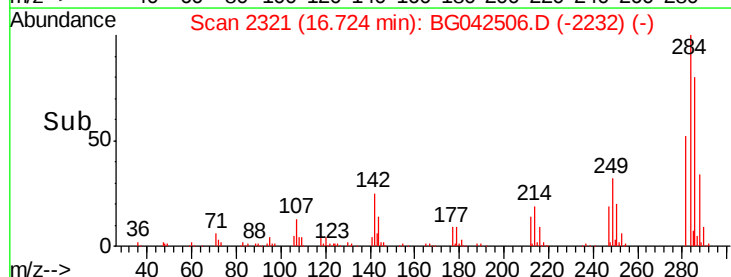
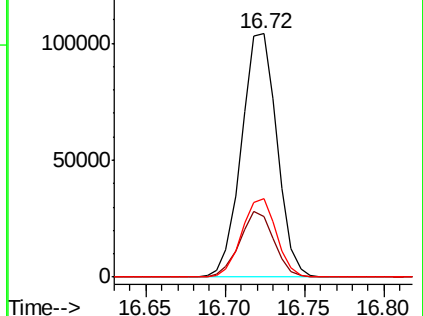


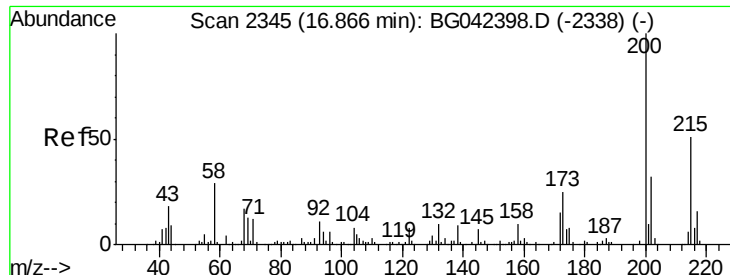
#68
 Hexachlorobenzene
 Concen: 40.642 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion:284 Resp: 161480
 Ion Ratio Lower Upper
 284 100
 142 24.9 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

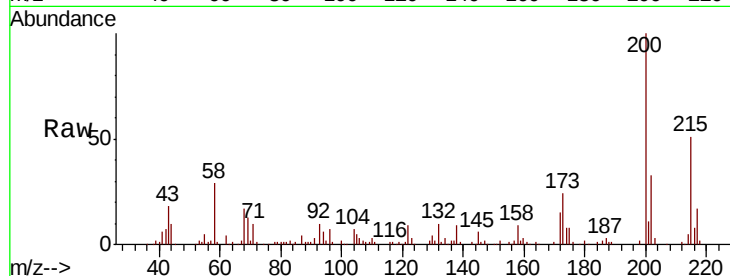




#69
 Atrazine
 Concen: 36.525 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.9	44.9
215	50.6	30.7	70.7

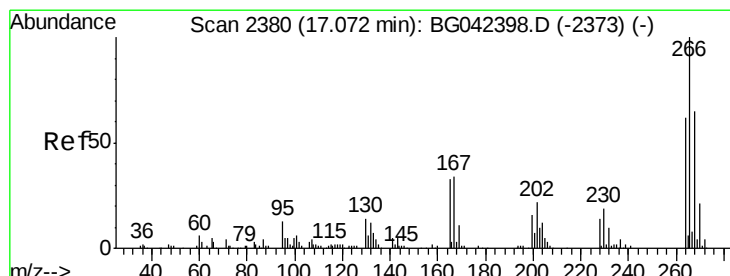
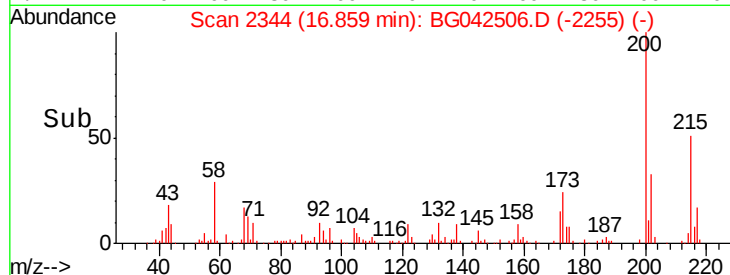
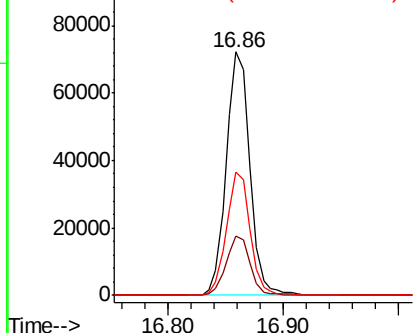


Abundance

Ion 200.00 (199.70 to 200.70): E

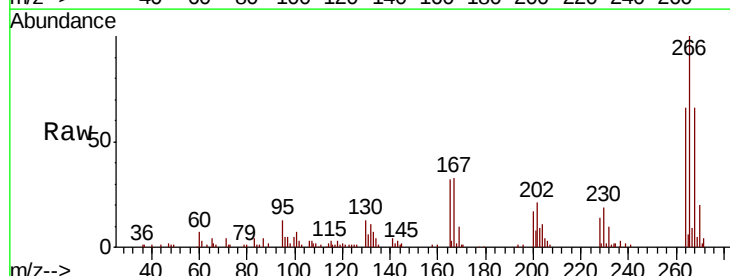
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 36.239 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG042506.D
 Acq: 27 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	52.1	78.1
264	65.7	49.4	74.2

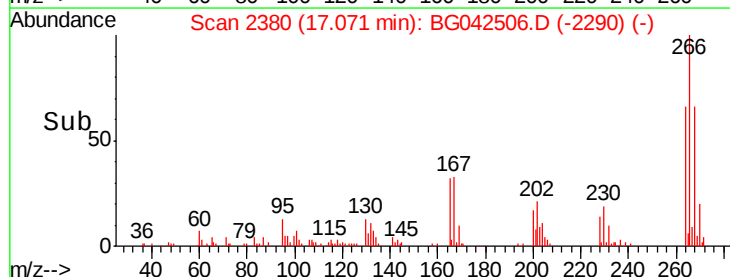
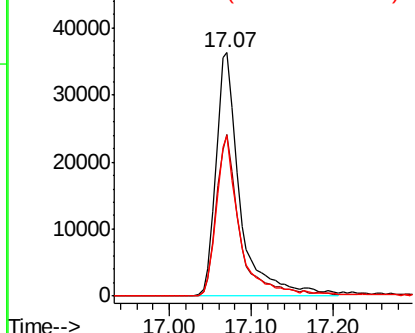


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

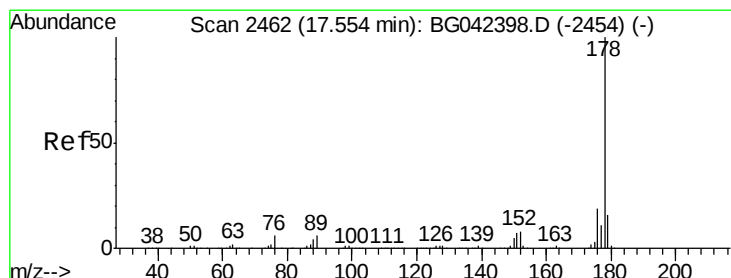
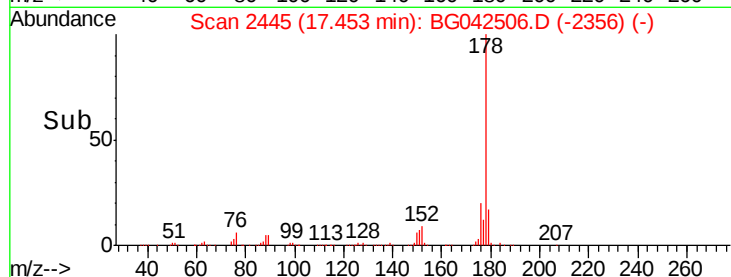
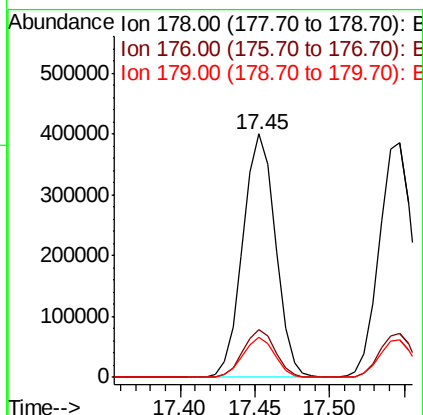
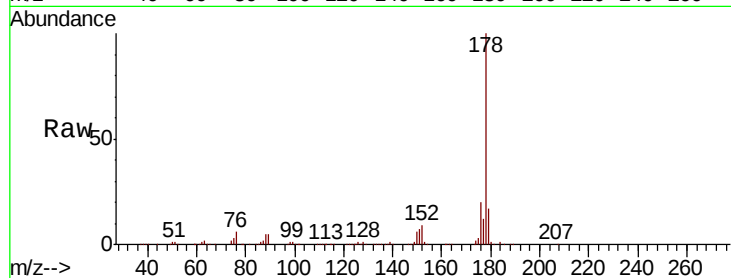




#71
Phenanthrene
Concen: 42.450 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

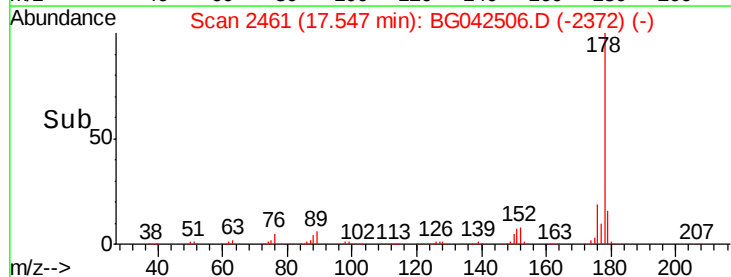
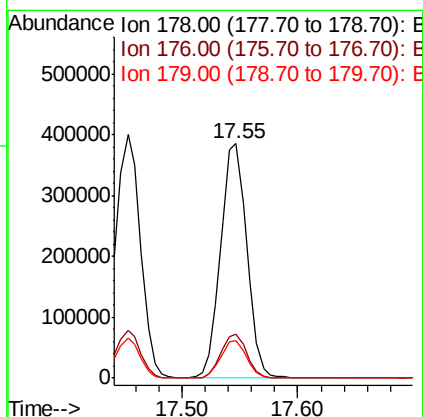
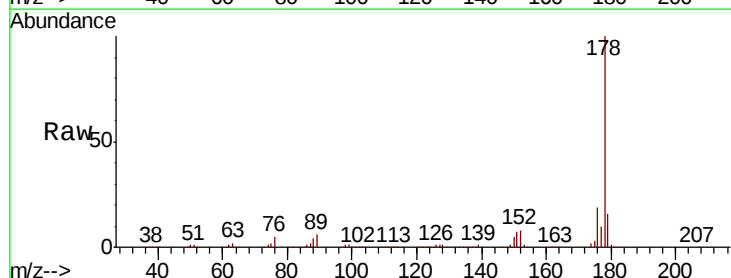
Instrument :
BNA_G
ClientSampled :

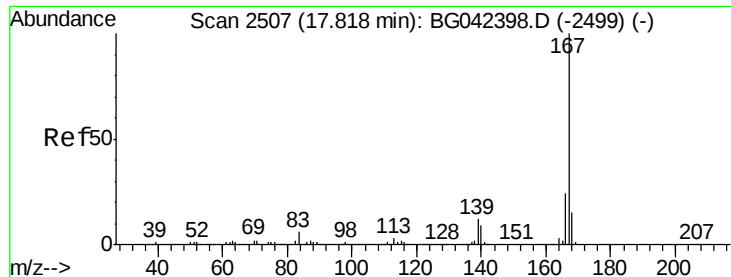
Tot Ion:178 Resp: 607580
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.5 12.7 19.1



#72
Anthracene
Concen: 42.415 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042506.D
Acq: 27 Aug 2019 16:16

Tgt Ion:178 Resp: 606046
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 16.1 12.9 19.3





#73

Carbazole

Concen: 42.400 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

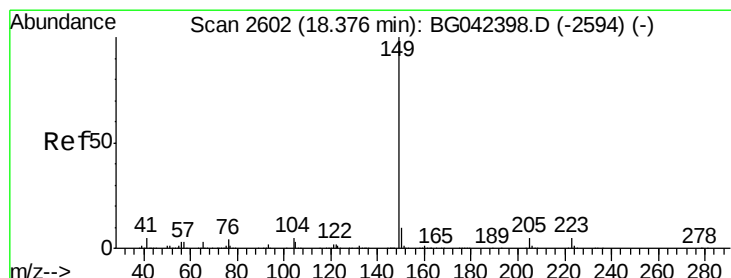
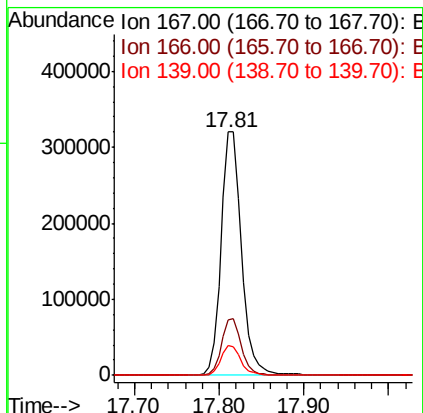
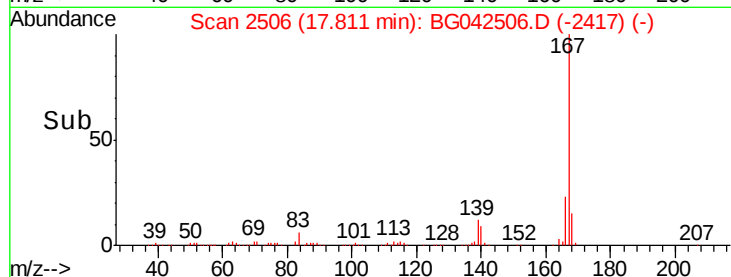
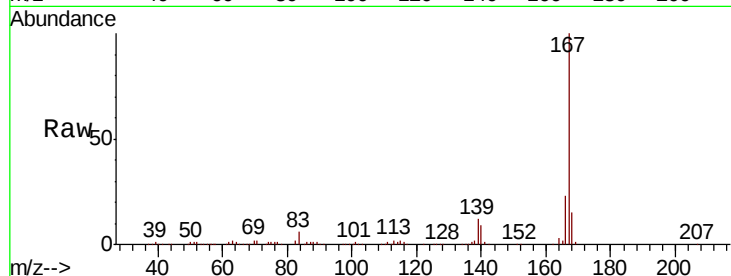
Tot Ion:167 Resp: 539939

Ion Ratio Lower Upper

167 100

166 22.6 18.9 28.3

139 12.0 9.8 14.6



#74

Di-n-butylphthalate

Concen: 43.073 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

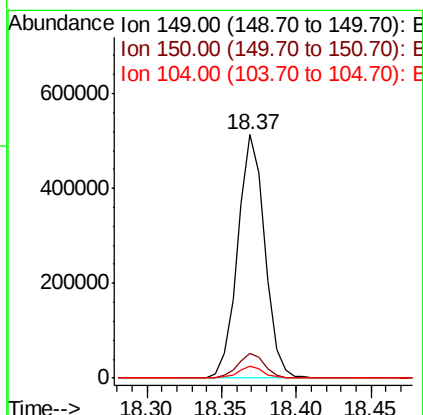
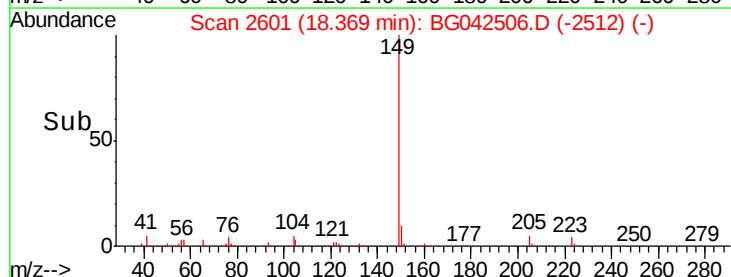
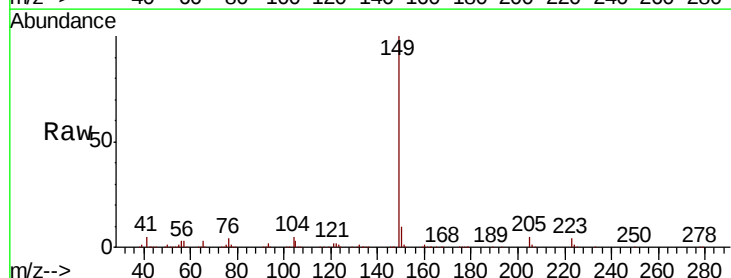
Tgt Ion:149 Resp: 648386

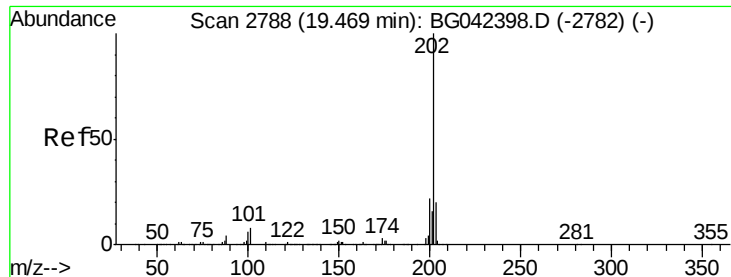
Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 43.639 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

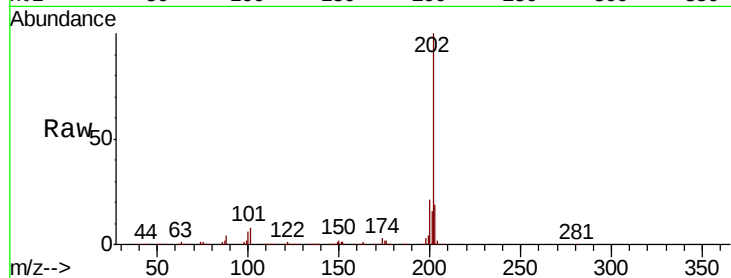
Tot Ion:202 Resp: 762277

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.3

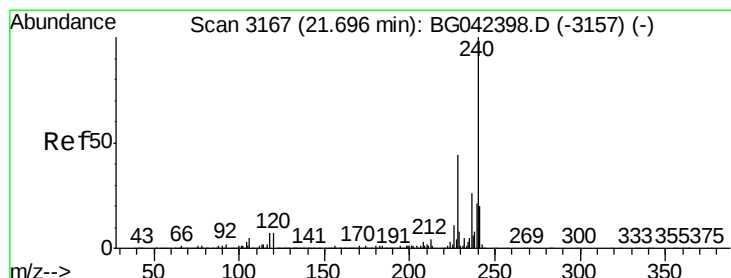
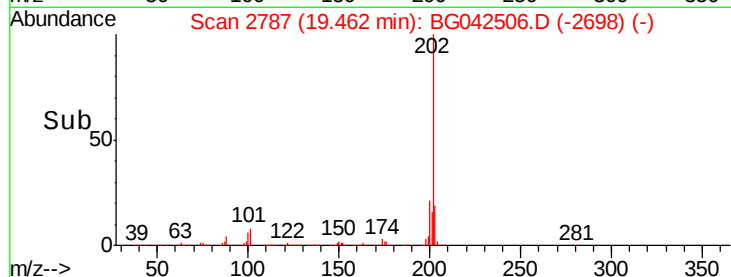
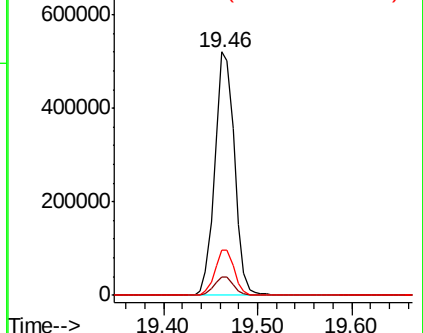
203 18.5 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

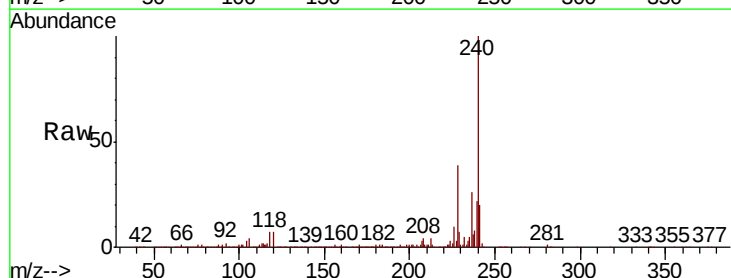
Tgt Ion:240 Resp: 293722

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

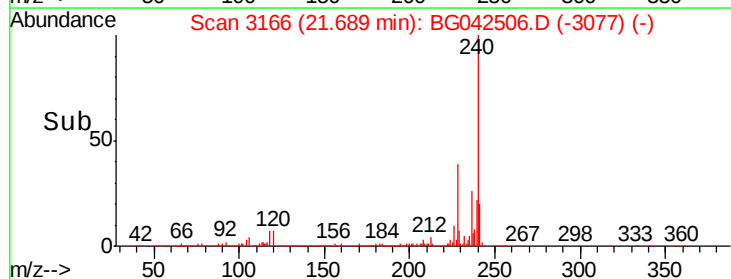
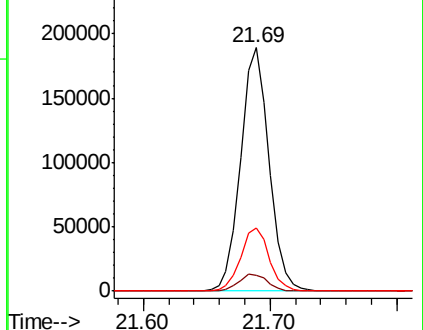
236 26.1 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.314 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

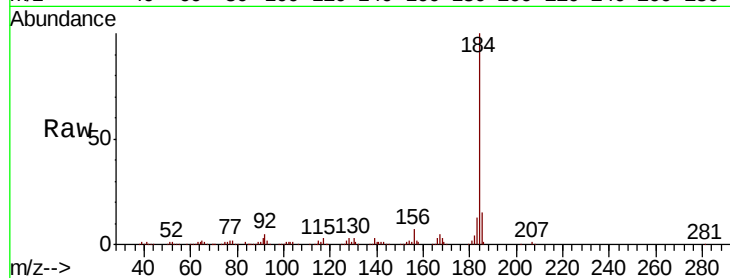
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 288966

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.4
183	12.8	10.8	16.2

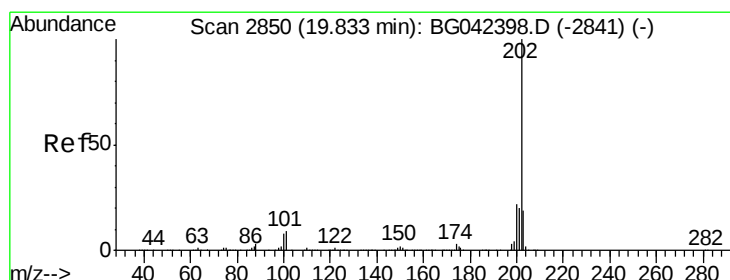
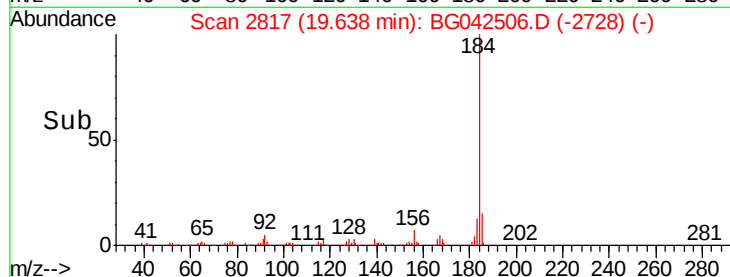
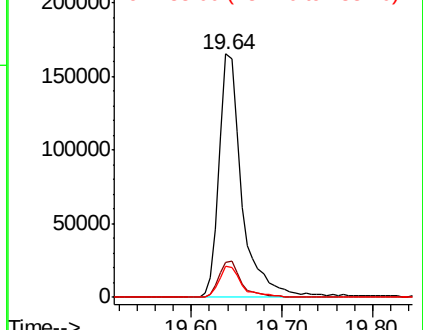


Abundance

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: 42.784 ng

RT: 19.83 min Scan# 2849

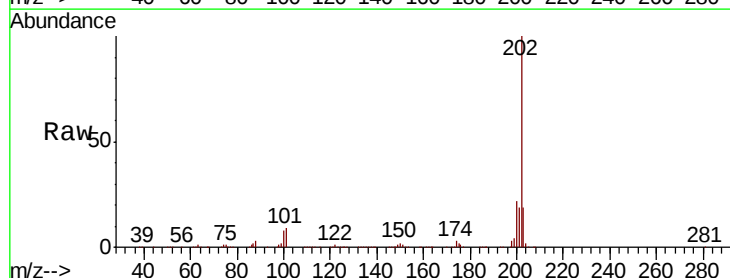
Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Tgt Ion:202 Resp: 770459

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	19.0	15.5	23.3

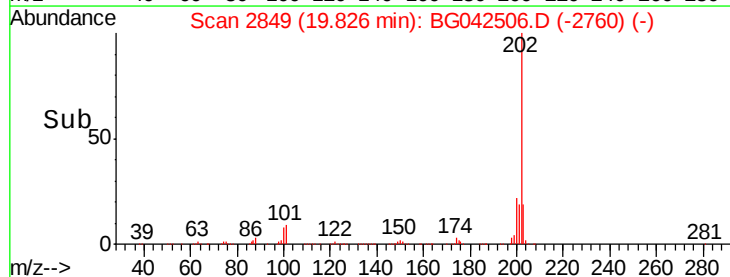
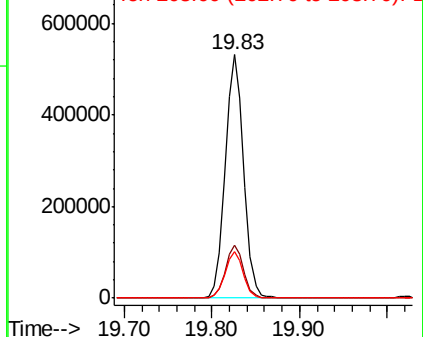


Abundance

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: 84.241 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

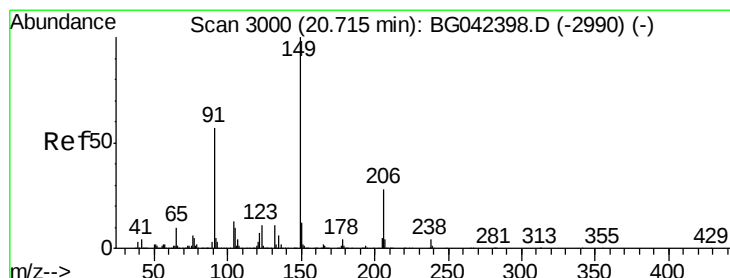
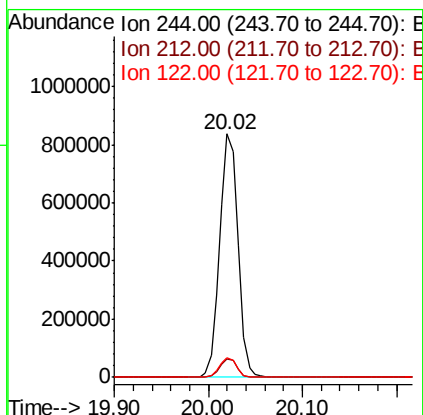
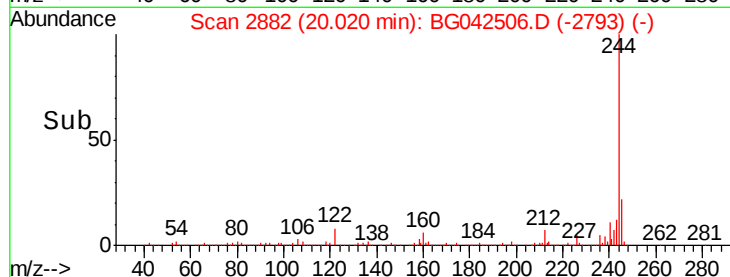
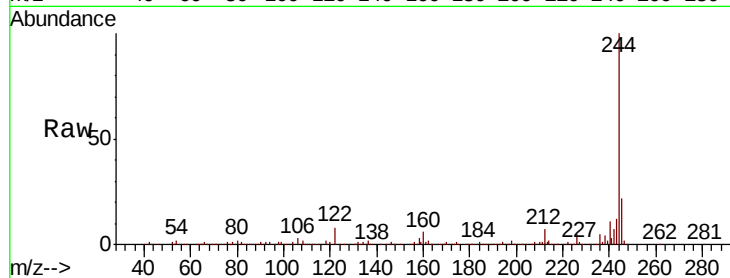
Tot Ion:244 Resp: 1144514

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 8.3 6.7 10.1



#80

Butylbenzylphthalate

Concen: 42.140 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

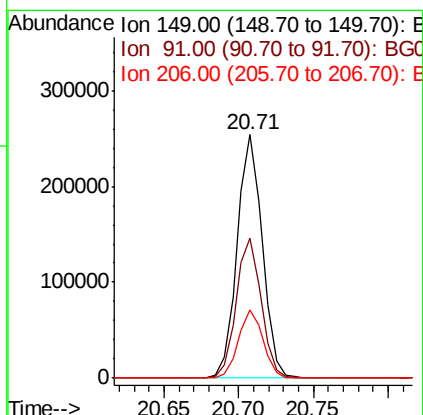
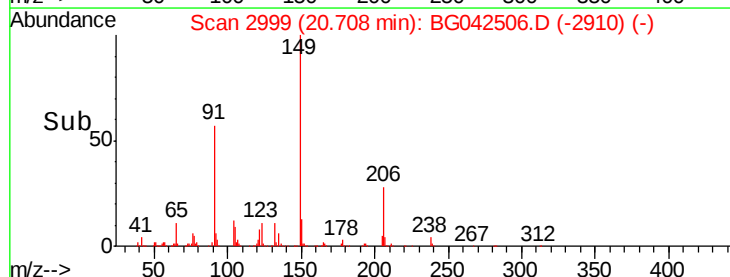
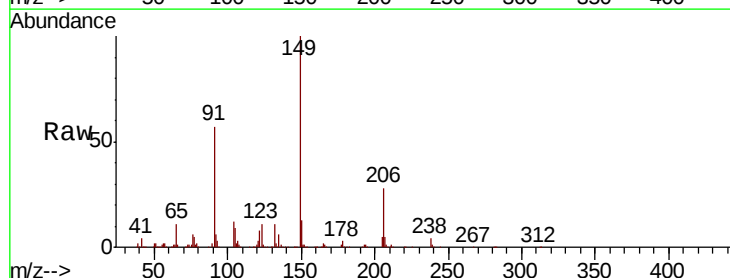
Tgt Ion:149 Resp: 298477

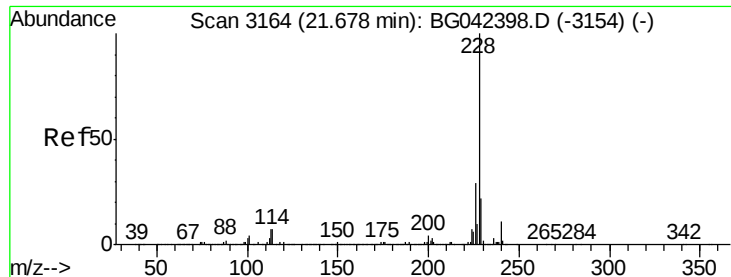
Ion Ratio Lower Upper

149 100

91 57.4 45.9 68.9

206 28.1 22.5 33.7





#81

Benzo(a)anthracene

Concen: 42.194 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampled :

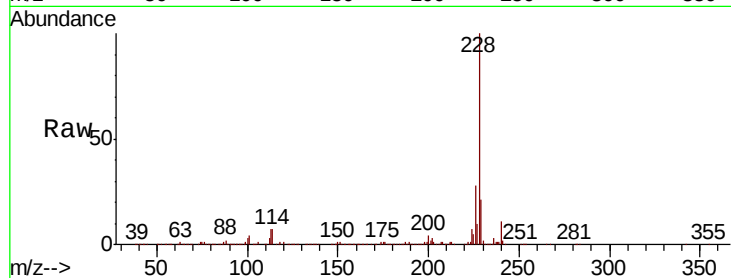
Tot Ion:228 Resp: 753902

Ion Ratio Lower Upper

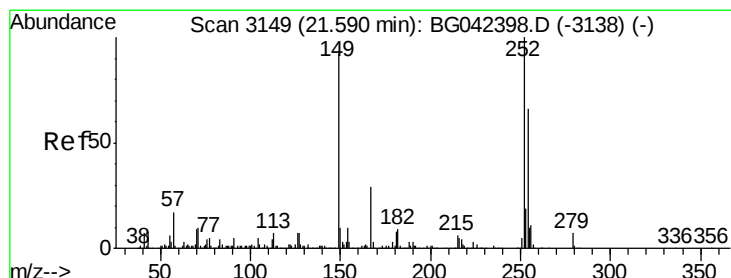
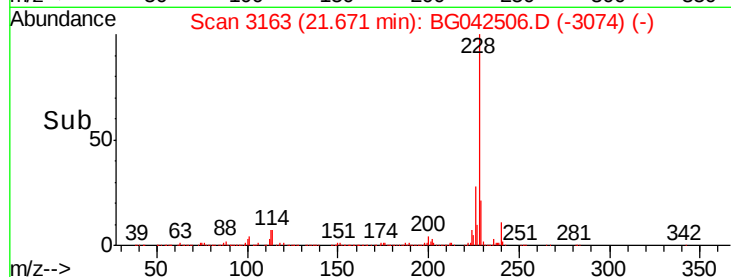
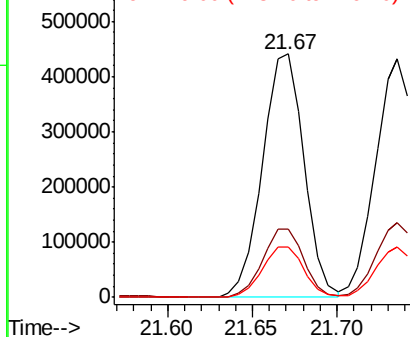
228 100

226 28.0 23.4 35.2

229 20.7 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E
600000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.632 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

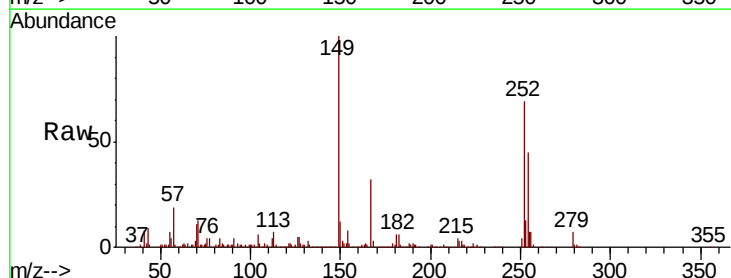
Tgt Ion:252 Resp: 284796

Ion Ratio Lower Upper

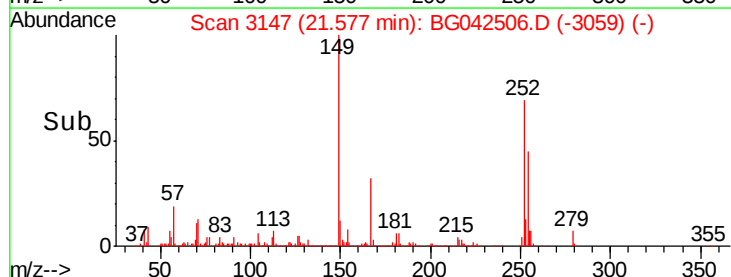
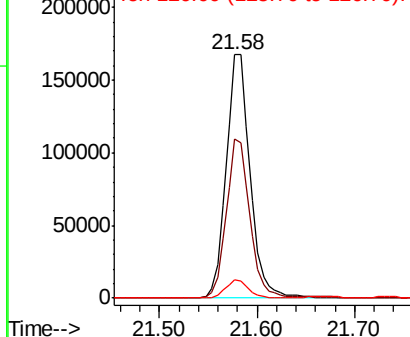
252 100

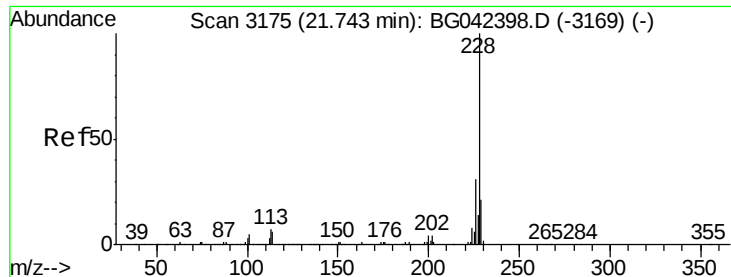
254 65.2 53.0 79.4

126 7.7 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E
200000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.569 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

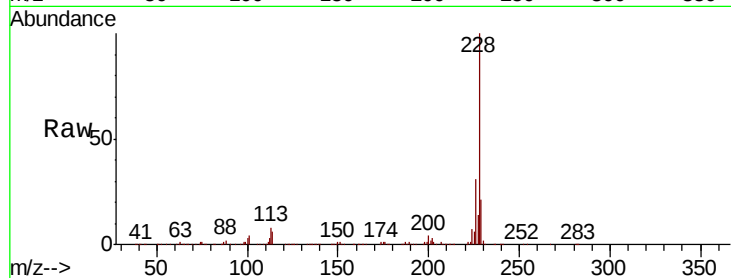
Tot Ion:228 Resp: 733546

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

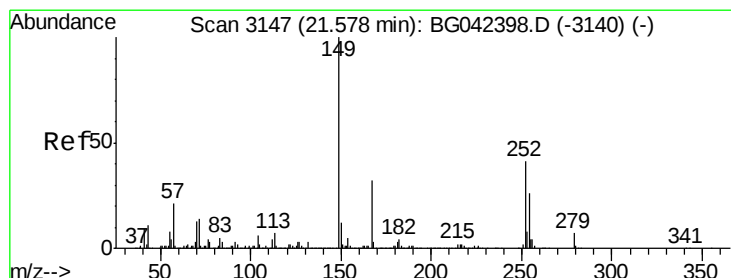
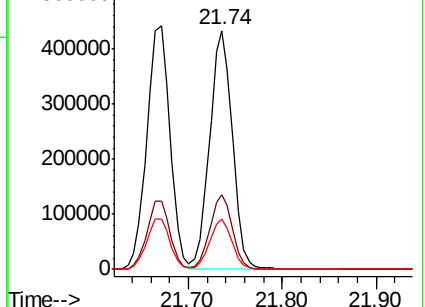
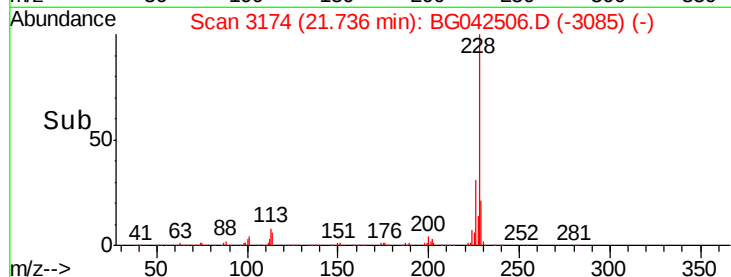
229 20.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.819 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

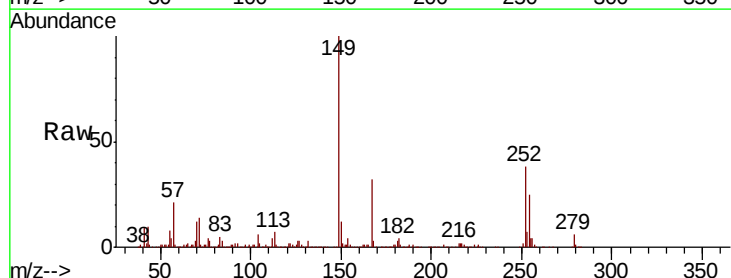
Tgt Ion:149 Resp: 421088

Ion Ratio Lower Upper

149 100

167 31.6 26.0 39.0

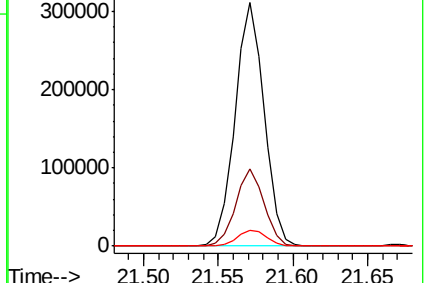
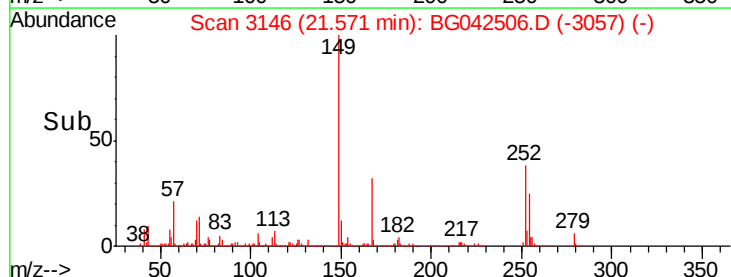
279 6.4 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.618 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

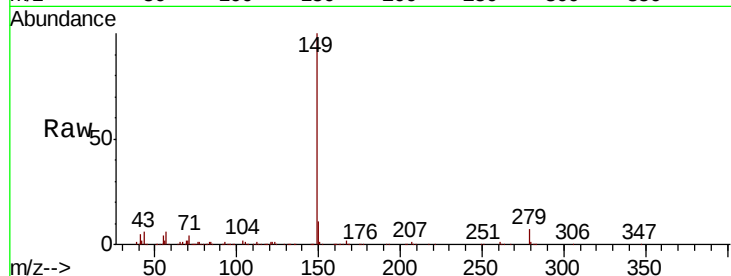
Tot Ion:149 Resp: 720841

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

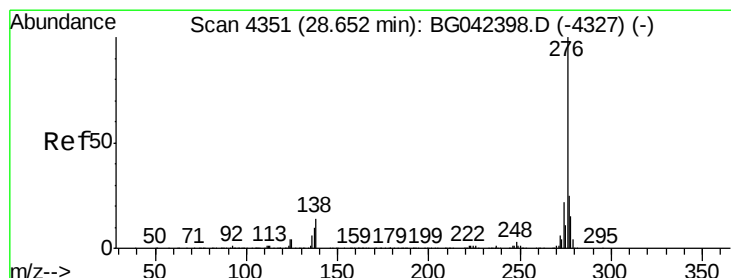
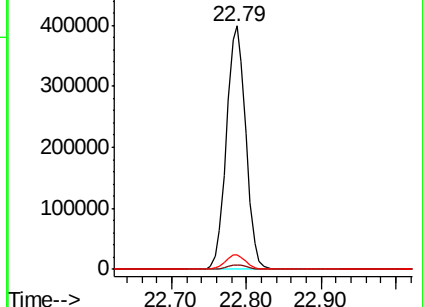
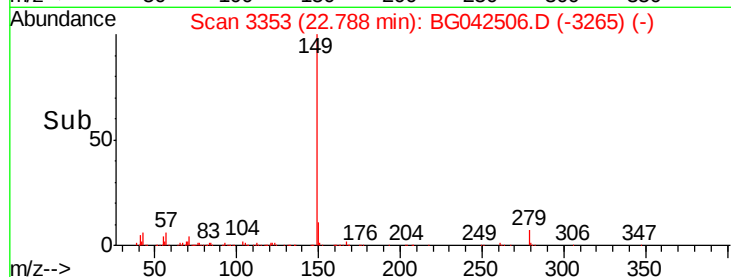
43 6.3 5.3 7.9



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: 40.348 ng

RT: 28.63 min Scan# 4348

Delta R.T. -0.02 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

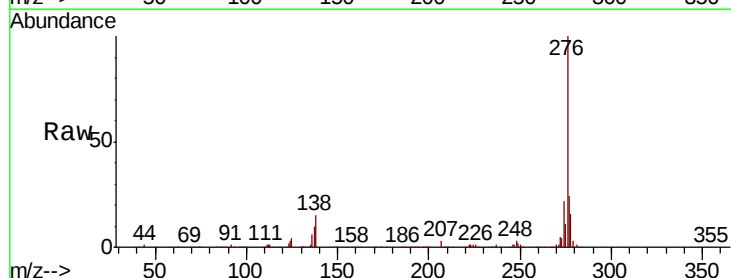
Tgt Ion:276 Resp: 944858

Ion Ratio Lower Upper

276 100

138 17.4 9.2 13.8#

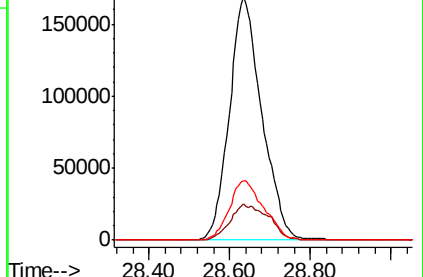
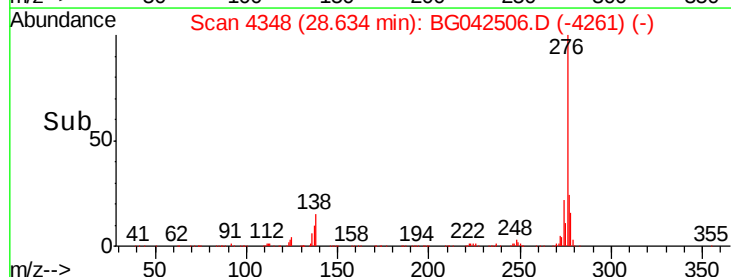
277 26.1 21.0 31.6

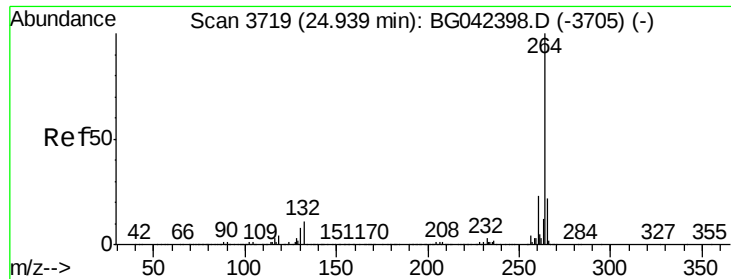


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

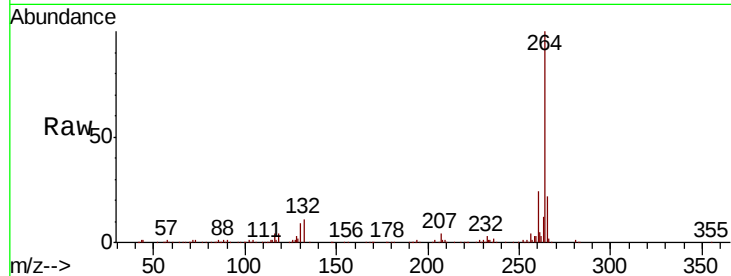
Tot Ion:264 Resp: 348938

Ion Ratio Lower Upper

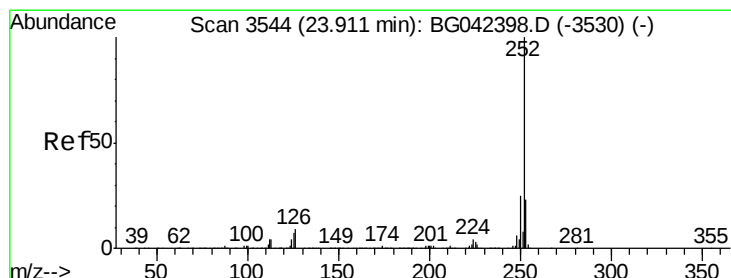
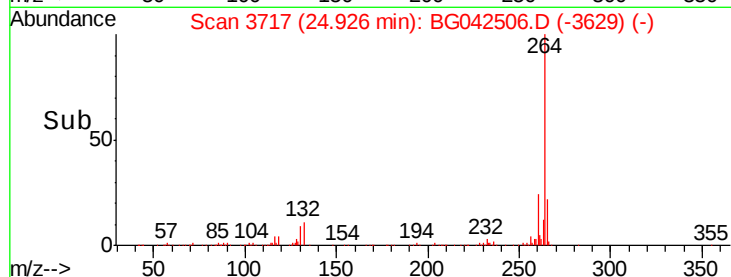
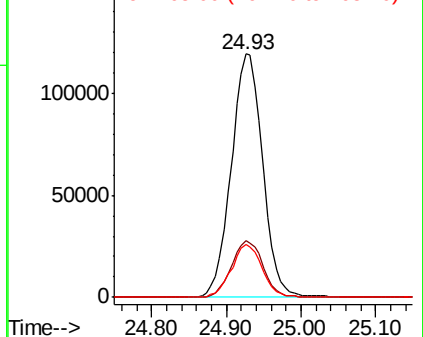
264 100

260 23.5 18.5 27.7

265 21.9 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.253 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

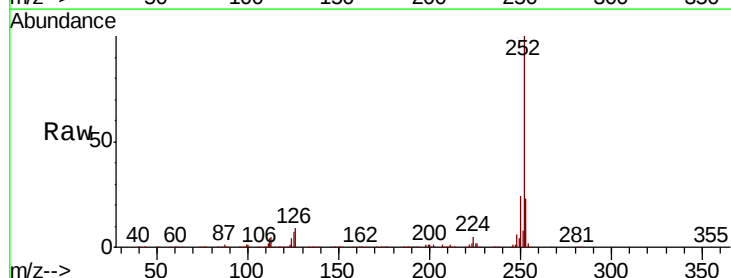
Tgt Ion:252 Resp: 810551

Ion Ratio Lower Upper

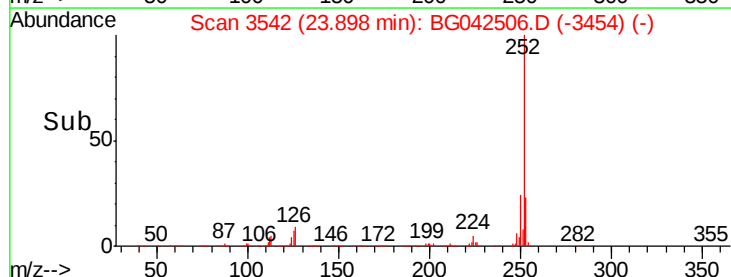
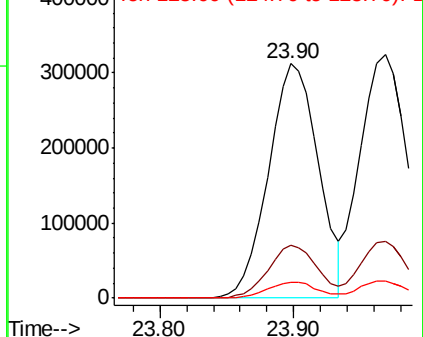
252 100

253 22.6 18.6 27.8

125 6.9 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: 42.978 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

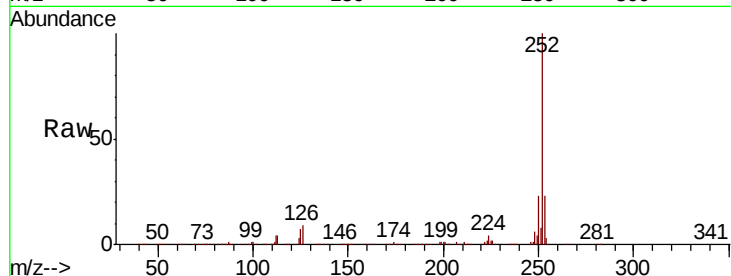
Tot Ion:252 Resp: 792478

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

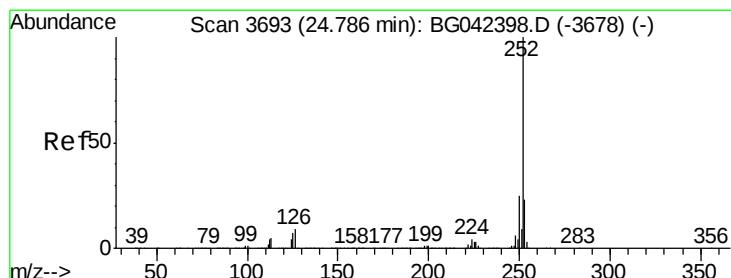
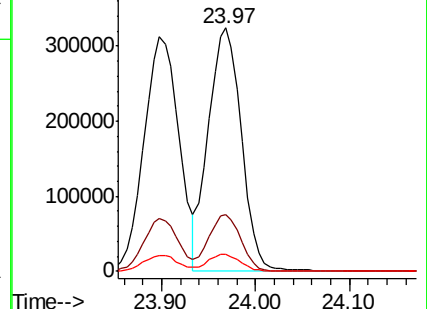
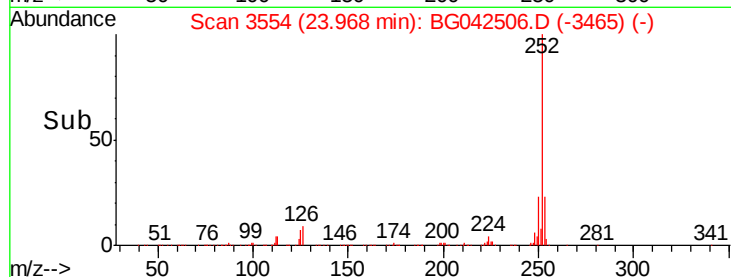
125 7.0 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.575 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

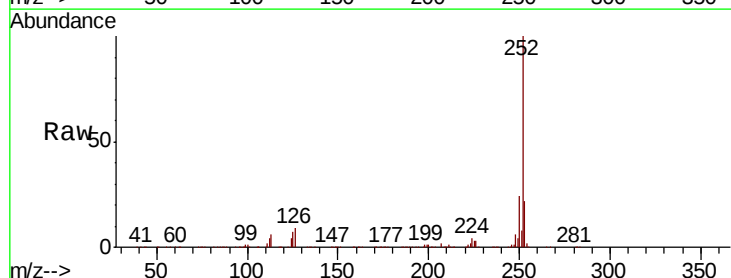
Tgt Ion:252 Resp: 775011

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

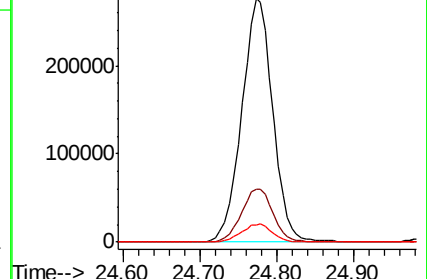
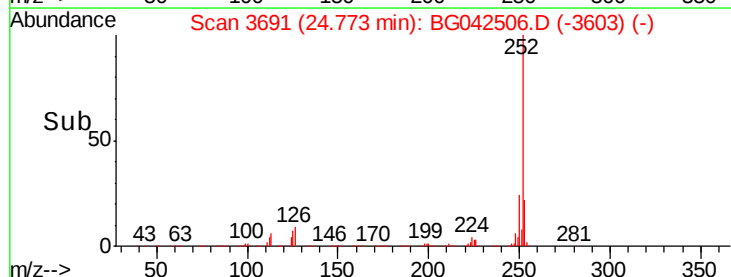
125 7.3 6.0 9.0

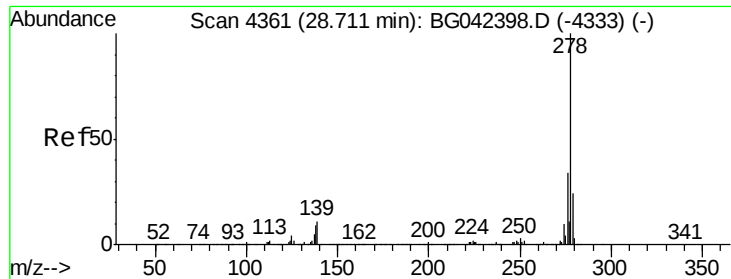


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.633 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

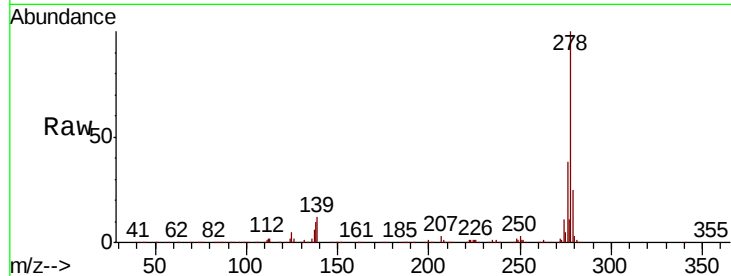
Tot Ion:278 Resp: 767338

Ion Ratio Lower Upper

278 100

139 11.9 8.8 13.2

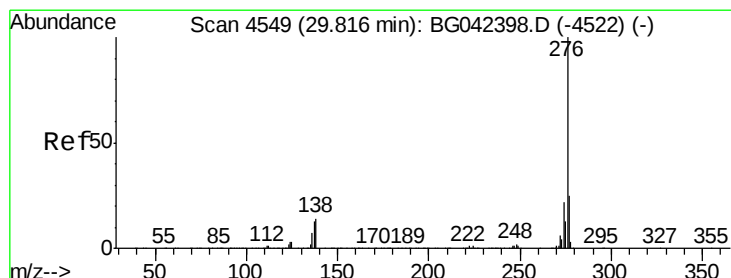
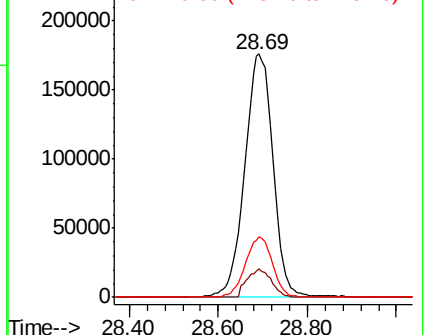
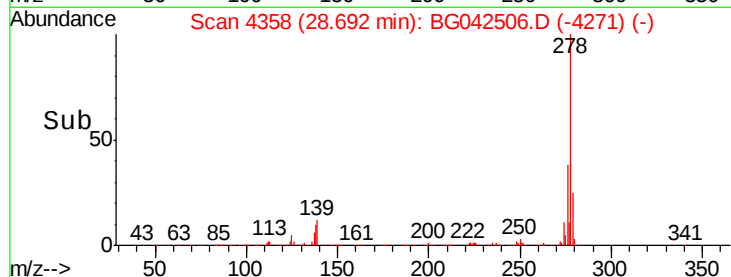
279 24.8 19.1 28.7



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: 41.046 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042506.D

Acq: 27 Aug 2019 16:16

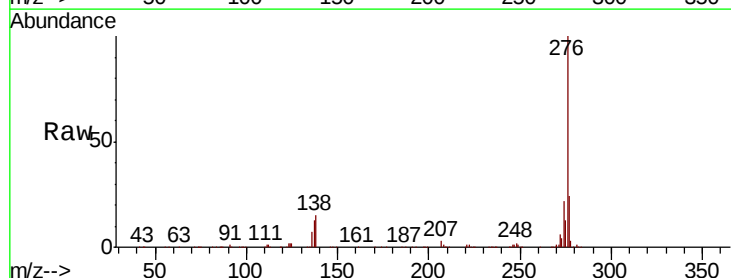
Tgt Ion:276 Resp: 756625

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.8

138 15.2 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

