

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042703.D
 Acq On : 4 Sep 2019 12:14
 Operator : HP/JU
 Sample : PB122757BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 18:00:00 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	38197	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	142955	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107743	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	259395	20.00	ng	0.00
76) Chrysene-d12	21.69	240	276948	20.00	ng	0.00
87) Perylene-d12	24.93	264	335253	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	162943	86.40	ng	0.00
7) Phenol-d6	7.17	99	212829	83.54	ng	0.00
23) Nitrobenzene-d5	9.17	82	171429	82.87	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	146402	95.60	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	578204	90.76	ng	0.00
79) Terphenyl-d14	20.02	244	1117862	87.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	24969	31.724	ng	97
3) Pyridine	3.82	79	55432	27.466	ng	99
4) n-Nitrosodimethylamine	3.74	42	27451	38.082	ng	95
6) Aniline	7.32	93	59981	17.652	ng	98
8) 2-Chlorophenol	7.56	128	92434	40.440	ng	97
9) Benzaldehyde	7.13	77	47094	36.924	ng	100
10) Phenol	7.19	94	98564	38.052	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	69106	33.971	ng	97
12) 1,3-Dichlorobenzene	7.89	146	106614	36.666	ng	99
13) 1,4-Dichlorobenzene	8.03	146	107426	36.474	ng	98
14) 1,2-Dichlorobenzene	8.36	146	101927	36.137	ng	99
15) Benzyl Alcohol	8.24	79	67311	36.725	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	86480	31.365	ng	99
17) 2-Methylphenol	8.45	107	71409	37.429	ng	94
18) Hexachloroethane	9.09	117	35317	35.026	ng	87
19) n-Nitroso-di-n-propylamine	8.81	70	53119	32.185	ng	93
20) 3+4-Methylphenols	8.78	107	96058	36.386	ng	95
22) Acetophenone	8.83	105	122457	40.051	ng	# 97
24) Nitrobenzene	9.21	77	82586	39.423	ng	99
25) Isophorone	9.73	82	150849	36.949	ng	99
26) 2-Nitrophenol	9.93	139	54478	41.499	ng	94
27) 2,4-Dimethylphenol	9.99	122	82598	45.676	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	93823	36.462	ng	97
29) 2,4-Dichlorophenol	10.47	162	104461	44.152	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	118574	40.831	ng	99
31) Naphthalene	10.87	128	265890	40.062	ng	98
32) Benzoic acid	10.16	122	33311	29.231	ng	97
33) 4-Chloroaniline	10.98	127	38618	12.604	ng	99
34) Hexachlorobutadiene	11.15	225	81928	41.978	ng	97
35) Caprolactam	11.75	113	19820	25.106	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	93830	41.777	ng	98
37) 2-Methylnaphthalene	12.48	142	217934	40.894	ng	99
38) 1-Methylnaphthalene	12.70	142	205736	40.643	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	152342	44.029	ng	99

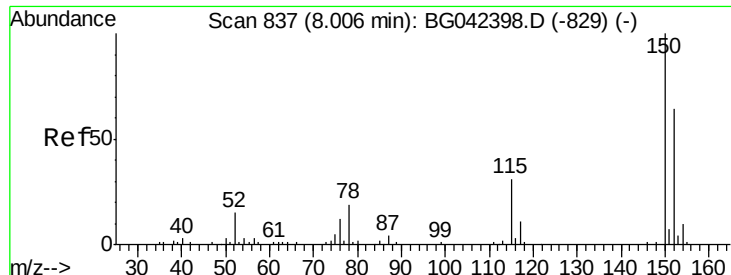
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042703.D
 Acq On : 4 Sep 2019 12:14
 Operator : HP/JU
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	156378	86.040	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	96868	41.419	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	104509	43.121	ng	98
46) 1,1'-Biphenyl	13.49	154	288140	41.372	ng	98
47) 2-Chloronaphthalene	13.53	162	239331	39.853	ng	99
48) 2-Nitroaniline	13.74	65	52309	36.122	ng	91
49) Acenaphthylene	14.38	152	379322	41.985	ng	100
50) Dimethylphthalate	14.11	163	311798	40.108	ng	100
51) 2,6-Dinitrotoluene	14.23	165	76142	42.255	ng	97
52) Acenaphthene	14.72	154	220896	40.265	ng	98
53) 3-Nitroaniline	14.57	138	32313	17.930	ng	95
54) 2,4-Dinitrophenol	14.78	184	70026	59.398	ng	93
55) Dibenzofuran	15.06	168	388759	42.810	ng	98
56) 4-Nitrophenol	14.89	139	101062	78.921	ng	93
57) 2,4-Dinitrotoluene	15.03	165	108187	41.927	ng	99
58) Fluorene	15.71	166	317540	42.776	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	100521	41.940	ng	98
60) Diethylphthalate	15.47	149	304564	40.077	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	189123	42.264	ng	98
62) 4-Nitroaniline	15.73	138	74510	38.631	ng	94
63) Azobenzene	15.99	77	201856	38.763	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	65814	40.469	ng	96
66) n-Nitrosodiphenylamine	15.91	169	295276	41.393	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	136083	41.359	ng	97
68) Hexachlorobenzene	16.72	284	144030	40.268	ng	100
69) Atrazine	16.87	200	114033	45.204	ng	97
70) Pentachlorophenol	17.07	266	149546	80.469	ng	97
71) Phenanthrene	17.45	178	549189	42.624	ng	99
72) Anthracene	17.55	178	555290	43.171	ng	99
73) Carbazole	17.82	167	485906	42.386	ng	98
74) Di-n-butylphthalate	18.37	149	549888	40.579	ng	100
75) Fluoranthene	19.47	202	698486	44.420	ng	97
77) Benzidine	19.64	184	169906	21.398	ng	98
78) Pyrene	19.83	202	712659	41.972	ng	99
80) Butylbenzylphthalate	20.71	149	251190	37.612	ng	95
81) Benzo(a)anthracene	21.67	228	708794	42.072	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	162146	23.931	ng	97
83) Chrysene	21.74	228	683365	42.059	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	364560	39.316	ng	100
85) Di-n-octyl phthalate	22.78	149	635446	39.845	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	870499	39.424	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	791796	42.960	ng	# 99
89) Benzo(k)fluoranthene	23.97	252	745403	42.075	ng	# 99
90) Benzo(a)pyrene	24.78	252	772533	44.171	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	738053	41.679	ng	98
92) Benzo(g,h,i)perylene	29.81	276	689999	38.959	ng	98

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

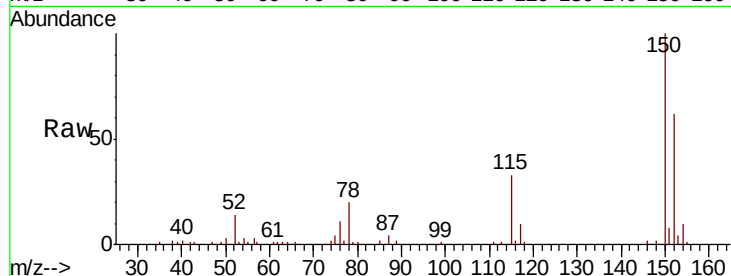


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	125.4	188.0
115	52.7	38.5	57.7

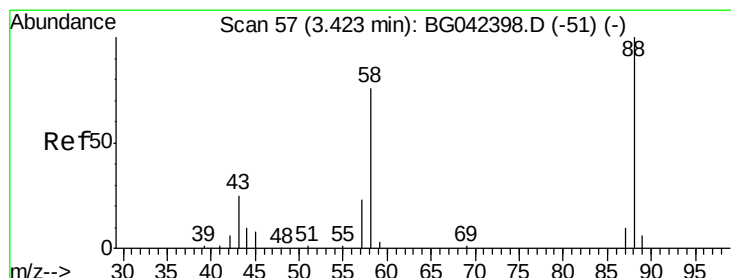
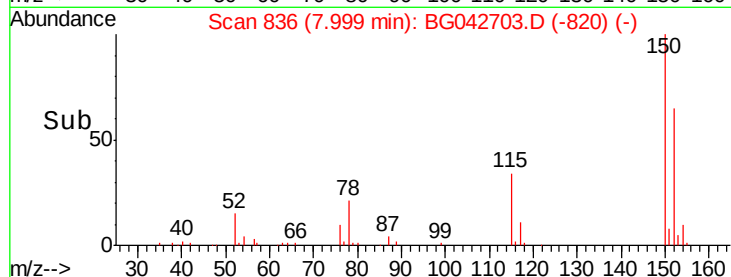
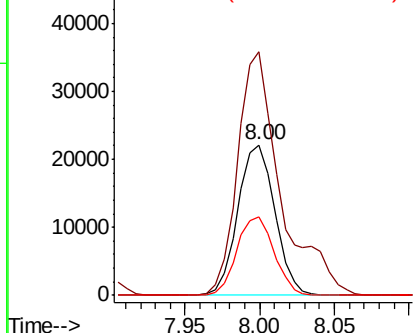


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

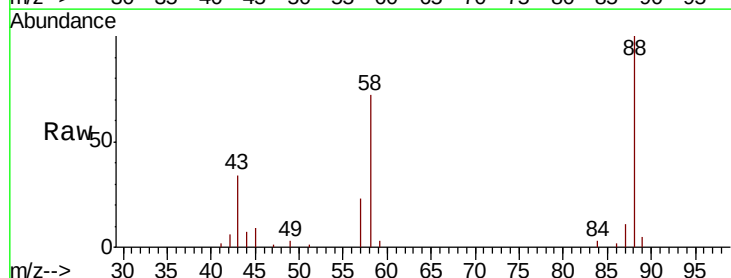
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.724 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	58.3	87.5
43	26.8	20.2	30.2

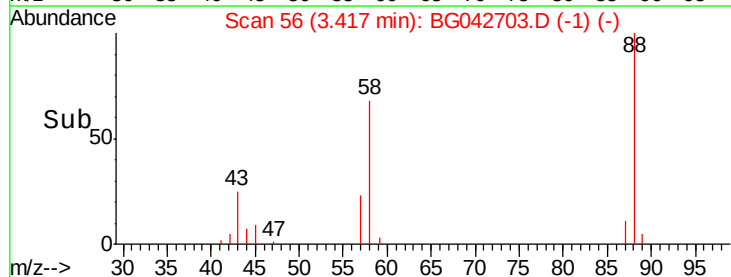
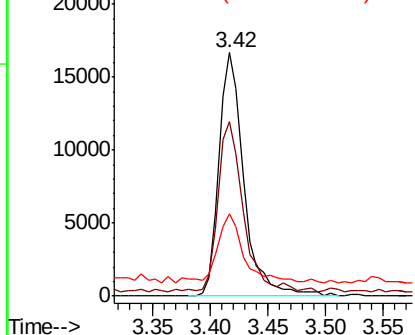


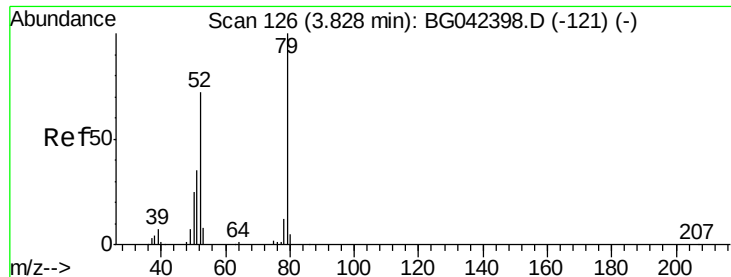
Abundance

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: 27.466 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

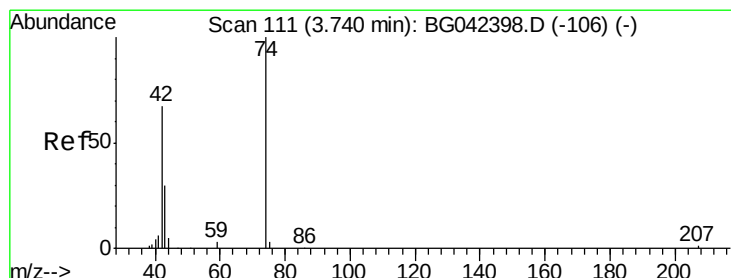
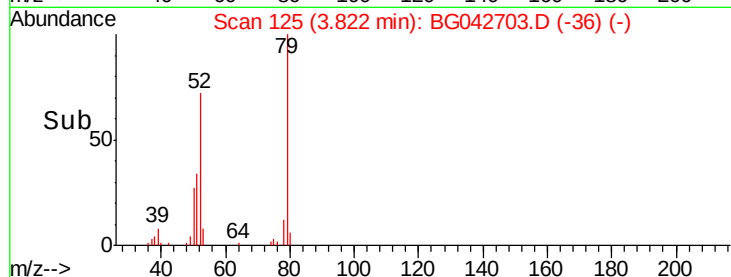
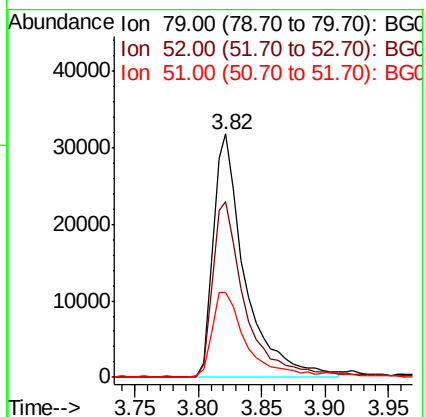
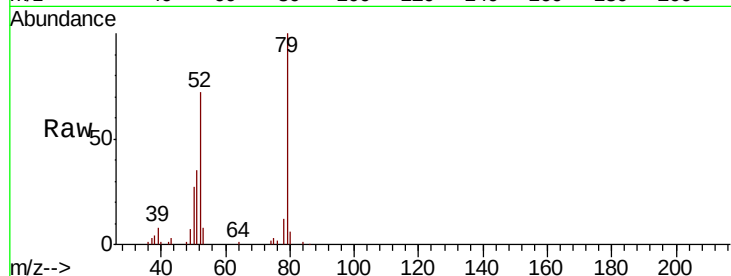
Tot Ion: 79 Resp: 55432

Ion Ratio Lower Upper

79 100

52 72.3 57.7 86.5

51 35.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 38.082 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

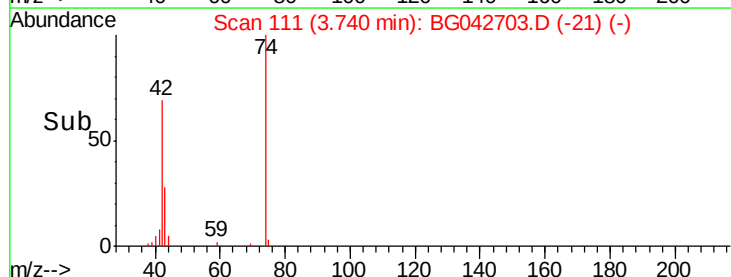
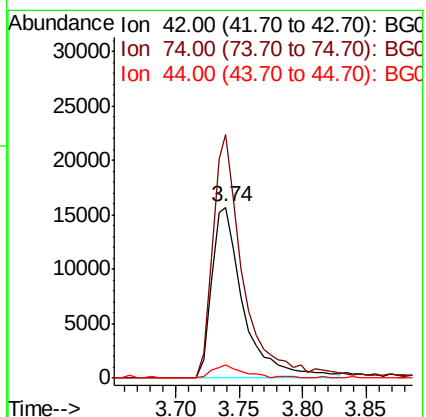
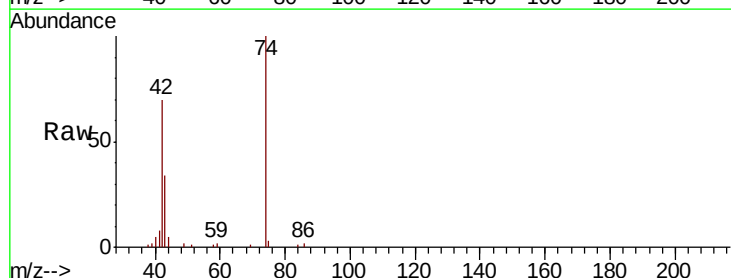
Tgt Ion: 42 Resp: 27451

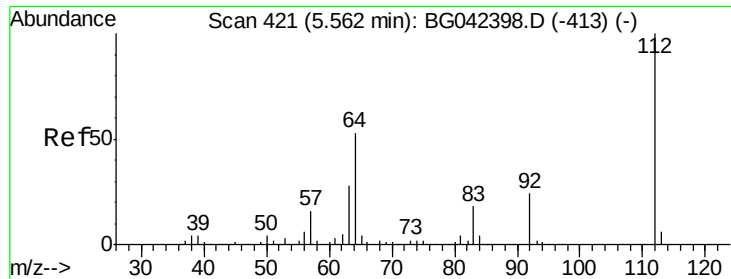
Ion Ratio Lower Upper

42 100

74 142.5 119.6 179.4

44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 86.396 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampled :

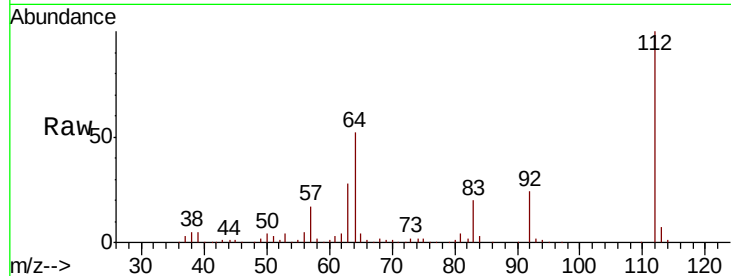
Tot Ion:112 Resp: 162943

Ion Ratio Lower Upper

112 100

64 52.5 42.8 64.2

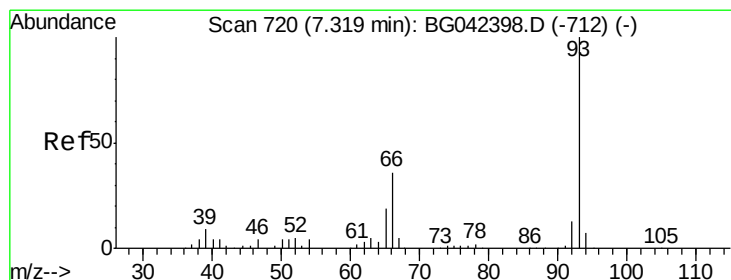
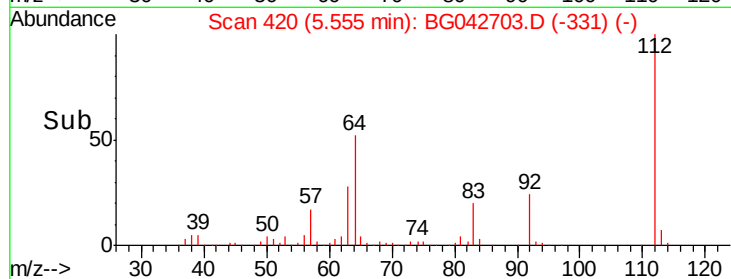
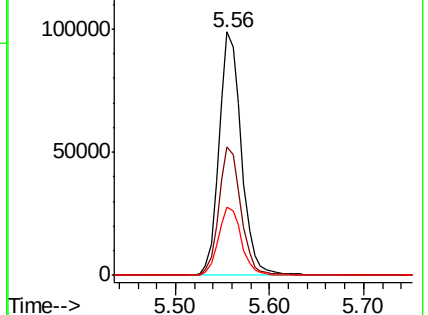
63 28.0 22.7 34.1



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: 17.652 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

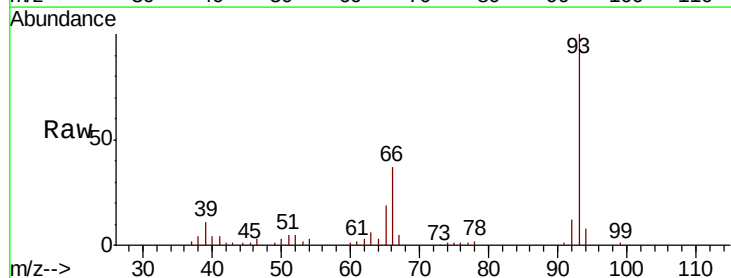
Tgt Ion: 93 Resp: 59981

Ion Ratio Lower Upper

93 100

66 37.4 29.0 43.6

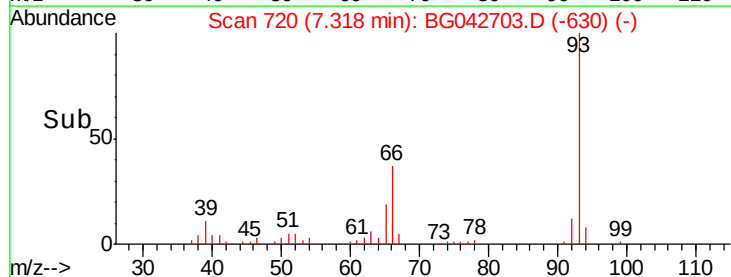
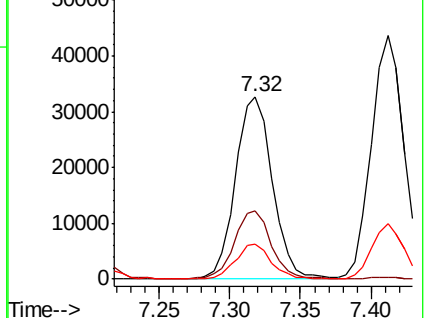
65 19.4 15.2 22.8

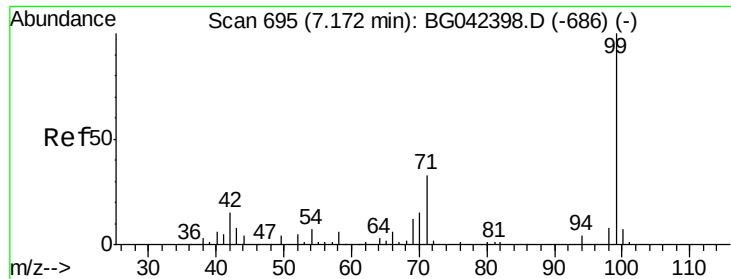


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.542 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

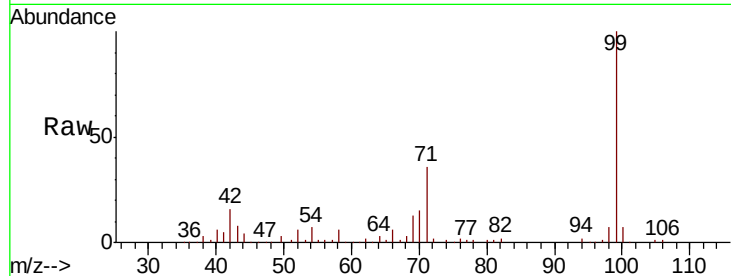
Tot Ion: 99 Resp: 212829

Ion Ratio Lower Upper

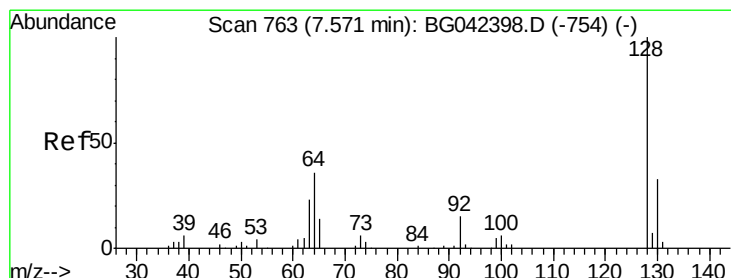
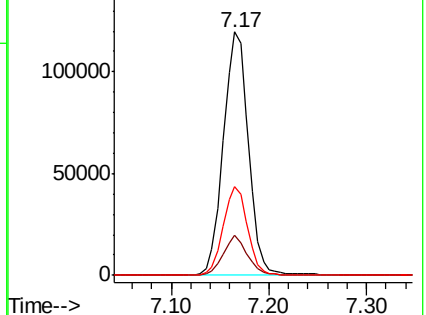
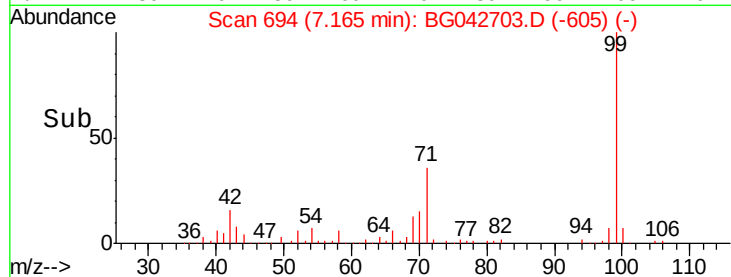
99 100

42 16.2 12.0 18.0

71 36.4 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: 40.440 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

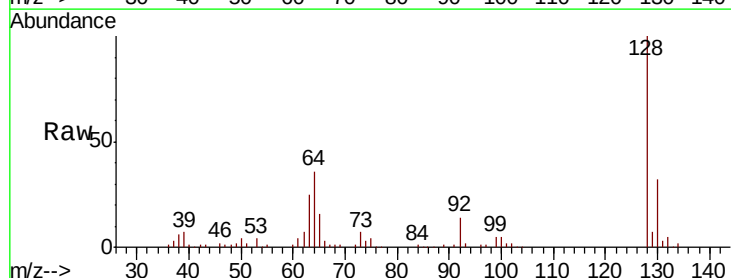
Tgt Ion:128 Resp: 92434

Ion Ratio Lower Upper

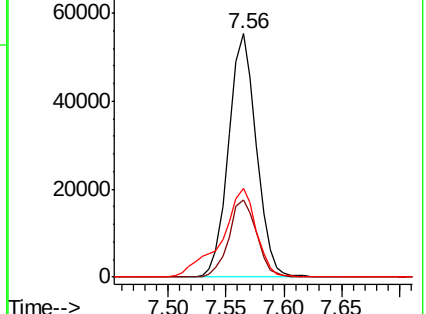
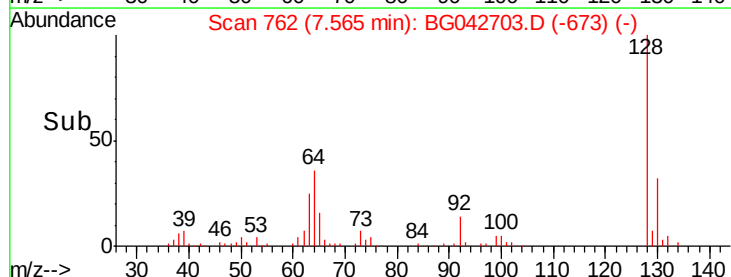
128 100

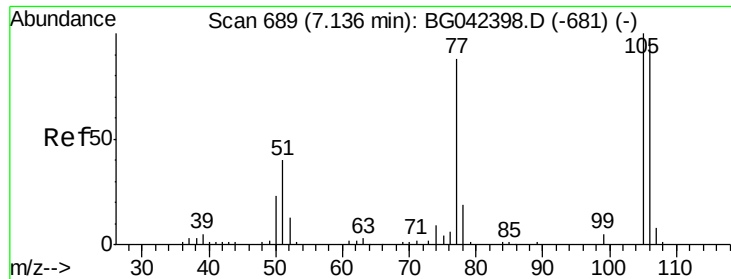
130 31.7 12.8 52.8

64 36.4 19.2 59.2



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





#9

Benzaldehyde

Concen: 36.924 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampled :

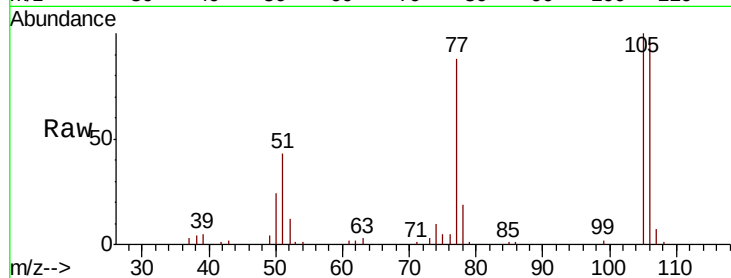
Tot Ion: 77 Resp: 47094

Ion Ratio Lower Upper

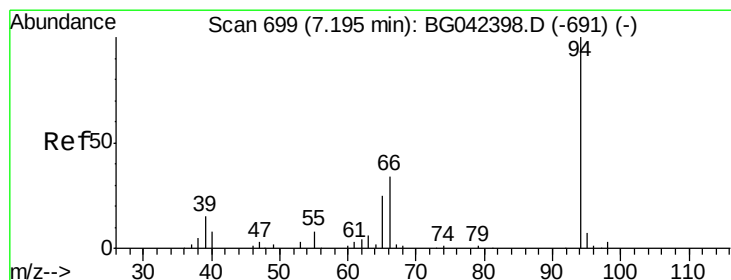
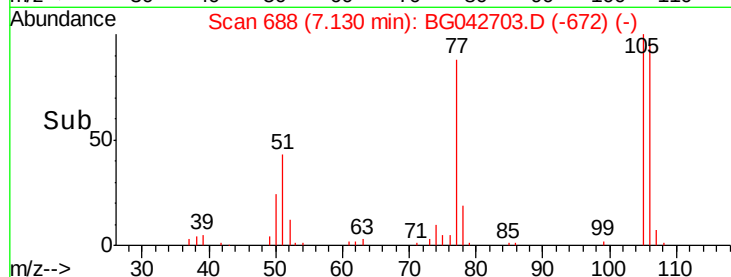
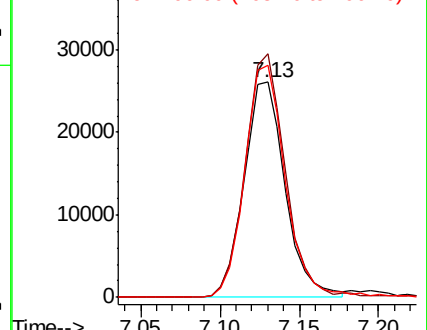
77 100

105 113.3 93.4 133.4

106 108.2 88.4 128.4



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



#10

Phenol

Concen: 38.052 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

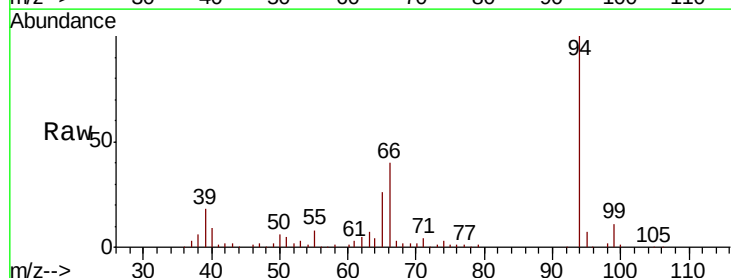
Tgt Ion: 94 Resp: 98564

Ion Ratio Lower Upper

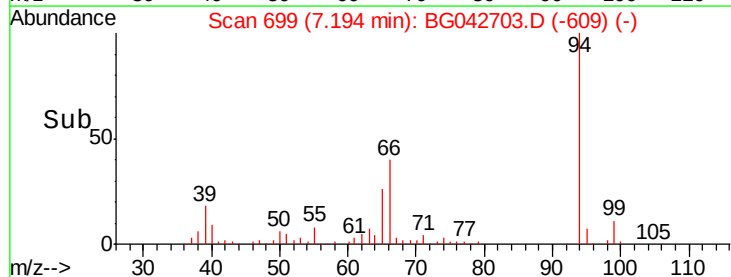
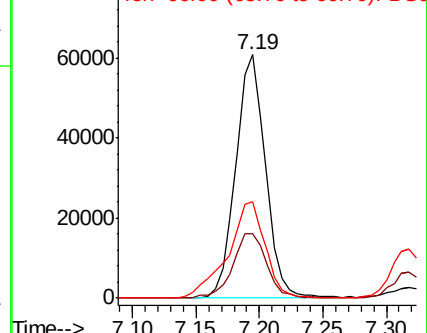
94 100

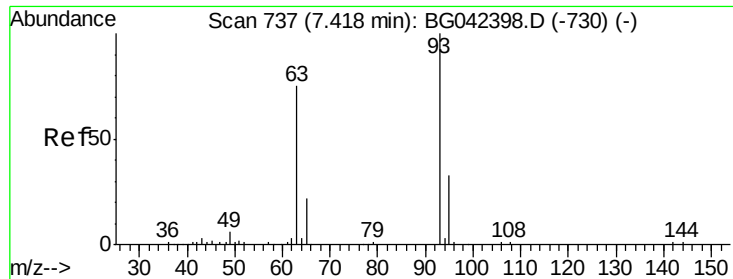
65 26.3 5.6 45.6

66 39.7 16.0 56.0



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

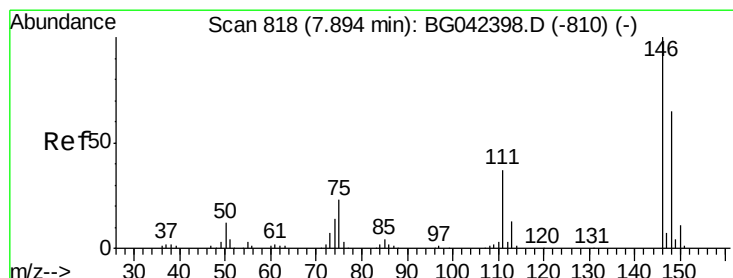
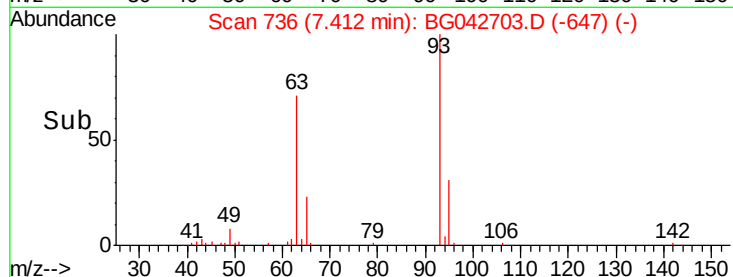
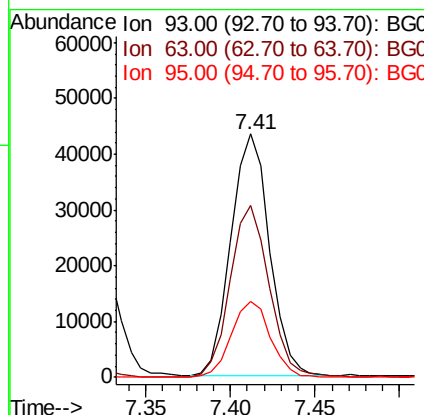
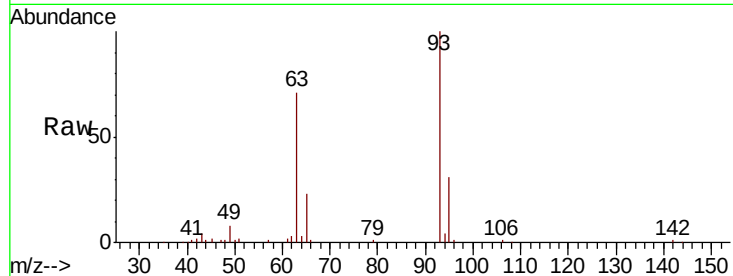




#11
 bis(2-Chloroethyl)ether
 Concen: 33.971 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

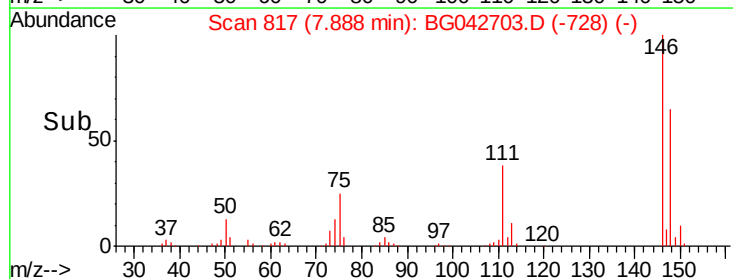
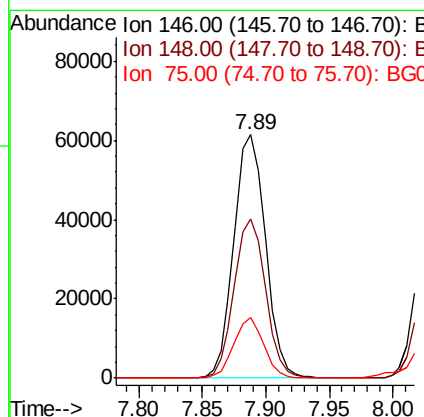
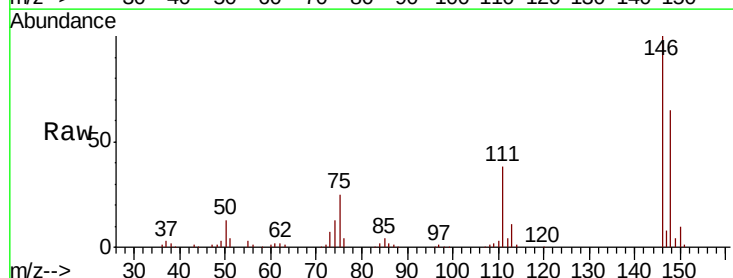
Instrument :
 BNA_G
 ClientSampled :

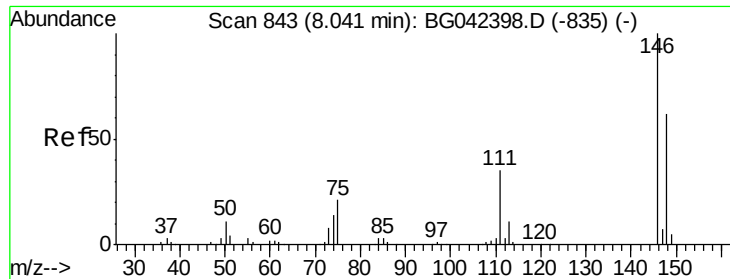
Tot Ion	93	Resp	69106
Ion	Ratio	Lower	Upper
93	100		
63	70.7	53.8	93.8
95	31.4	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 36.666 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion	146	Resp	106614
Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
75	24.7	18.0	27.0

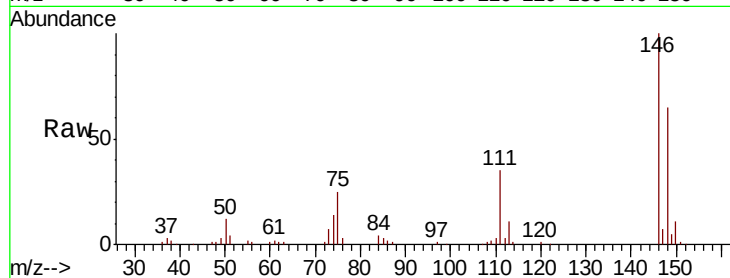




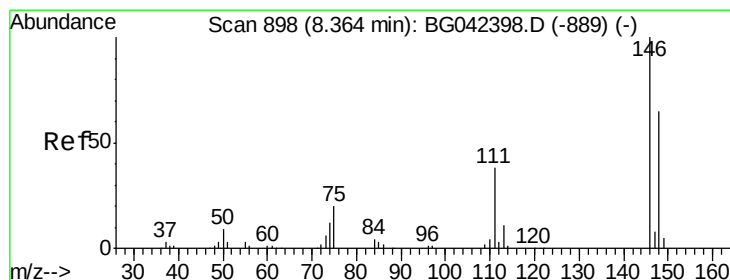
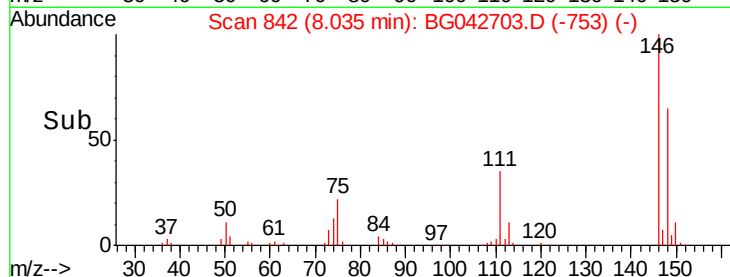
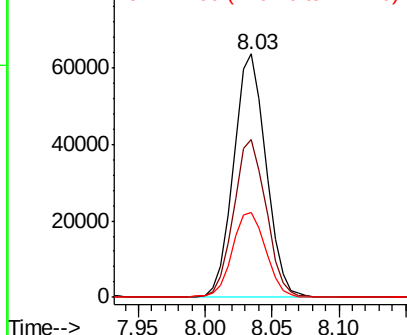
#13
 1,4-Dichlorobenzene
 Concen: 36.474 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 107426
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.5 74.3
 111 35.1 28.1 42.1

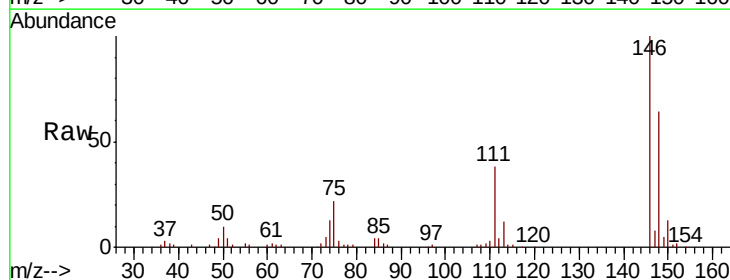


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

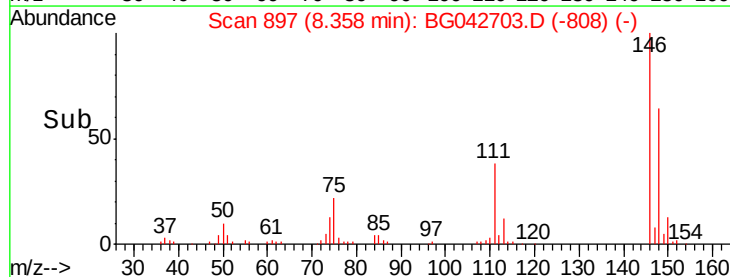
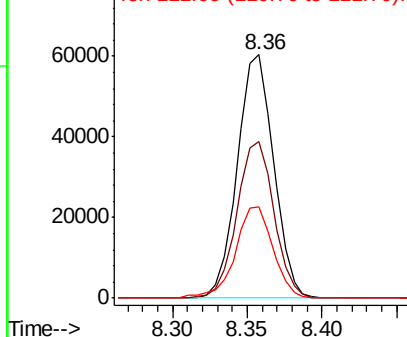


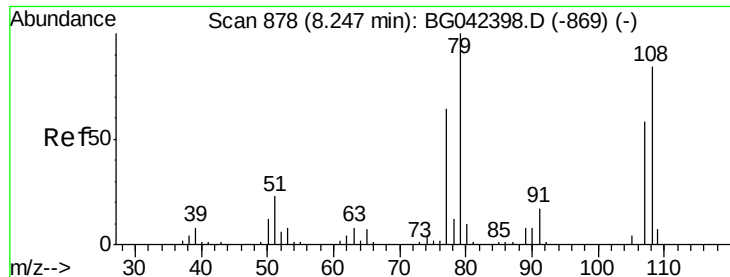
#14
 1,2-Dichlorobenzene
 Concen: 36.137 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion:146 Resp: 101927
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 37.5 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 36.725 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampled :

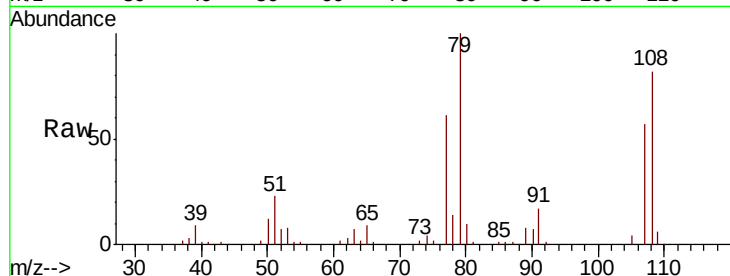
Tot Ion: 79 Resp: 67311

Ion Ratio Lower Upper

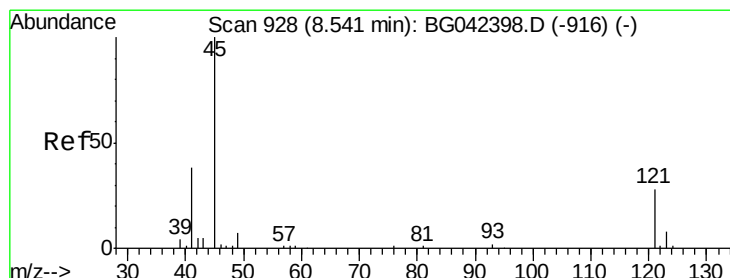
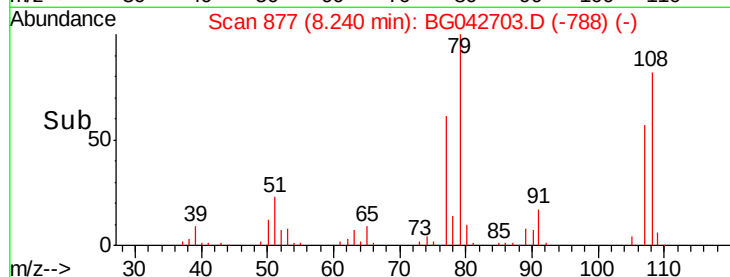
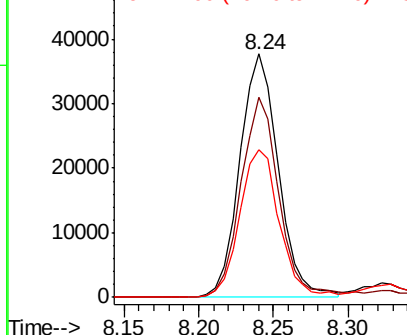
79 100

108 82.0 67.4 101.2

77 60.7 50.8 76.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.365 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

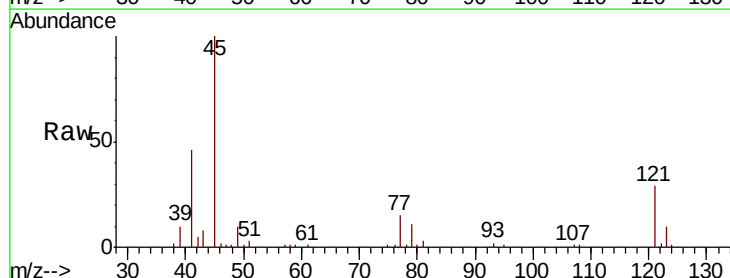
Tgt Ion: 45 Resp: 86480

Ion Ratio Lower Upper

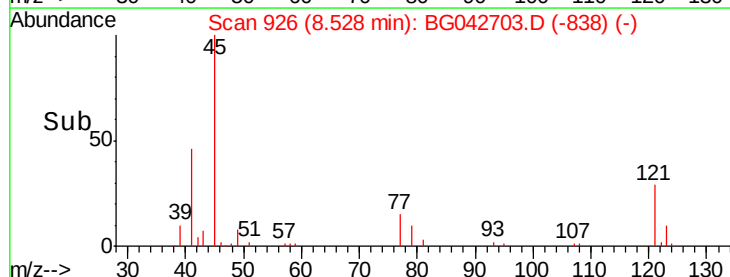
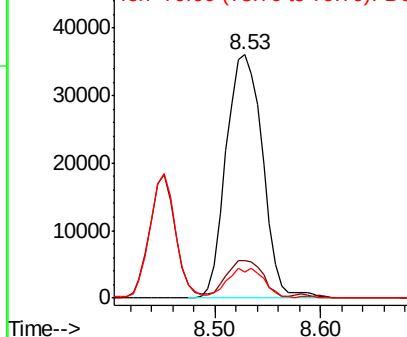
45 100

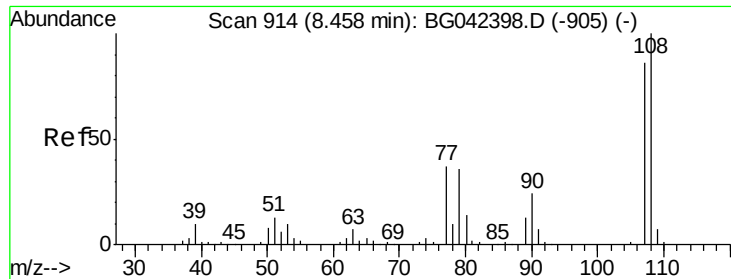
77 15.2 0.0 35.6

79 10.8 0.0 31.6



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





#17

2-Methylphenol

Concen: 37.429 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 71409

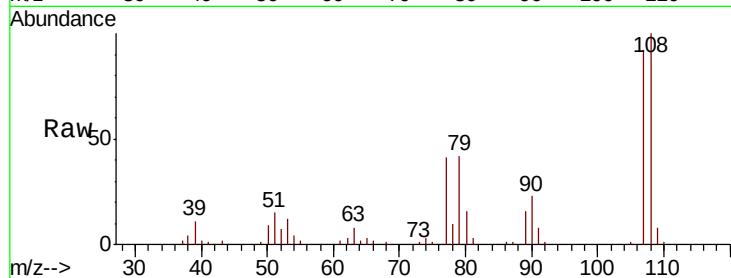
Ion Ratio Lower Upper

107 100

108 108.2 92.9 139.3

77 44.6 34.4 51.6

79 45.3 33.8 50.6



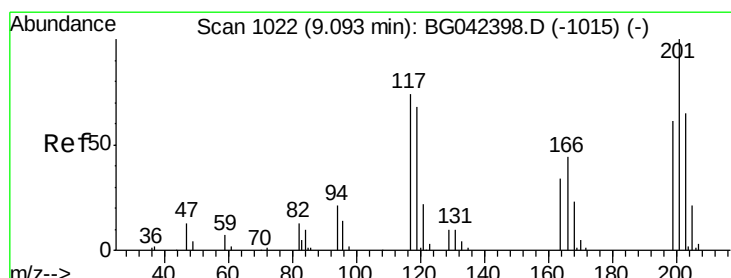
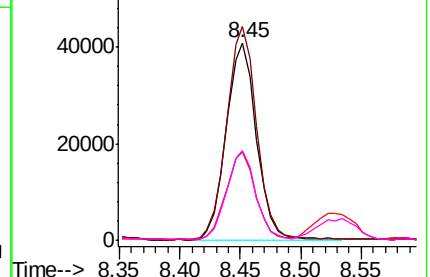
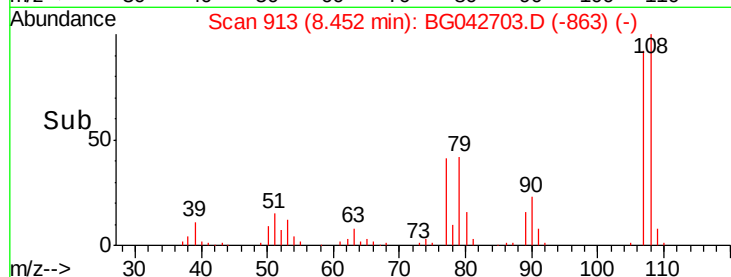
Abundance

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: 35.026 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

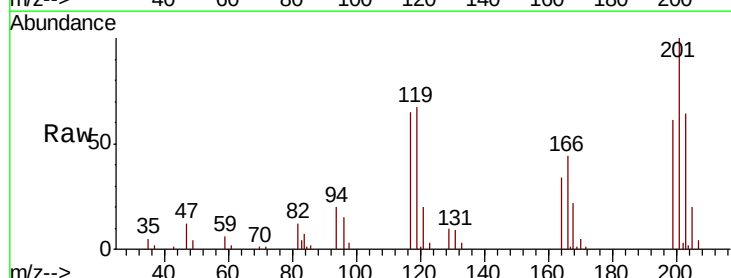
Tgt Ion:117 Resp: 35317

Ion Ratio Lower Upper

117 100

119 102.1 73.8 110.8

201 153.1 108.3 162.5

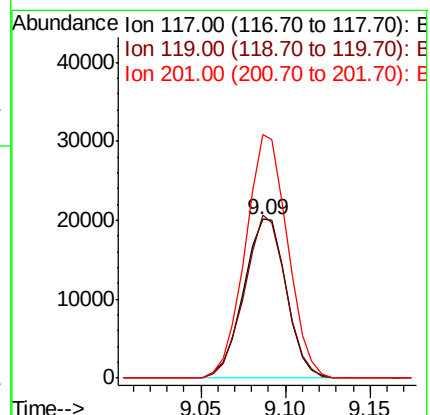
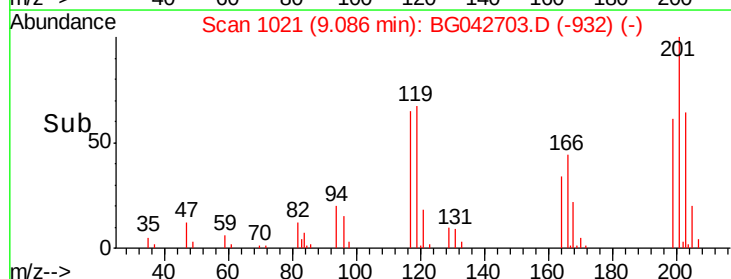


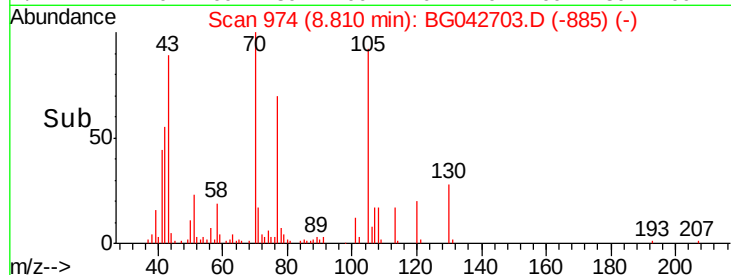
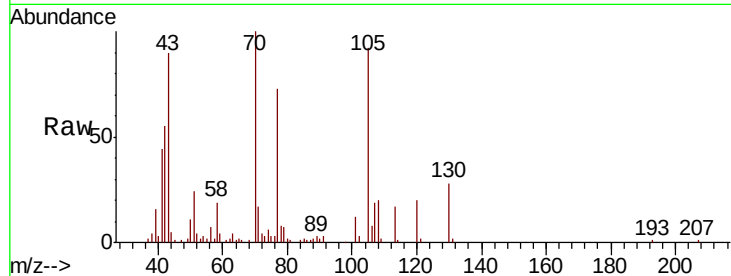
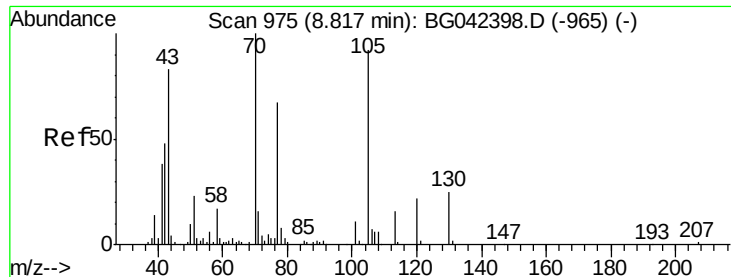
Abundance

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

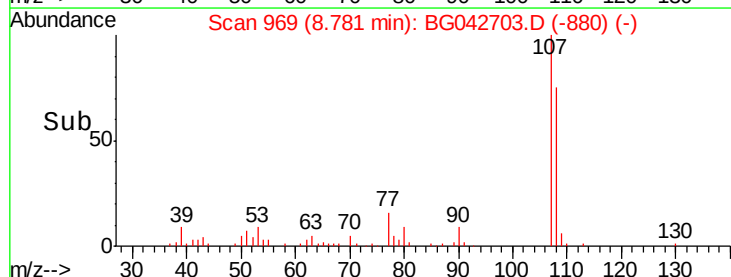
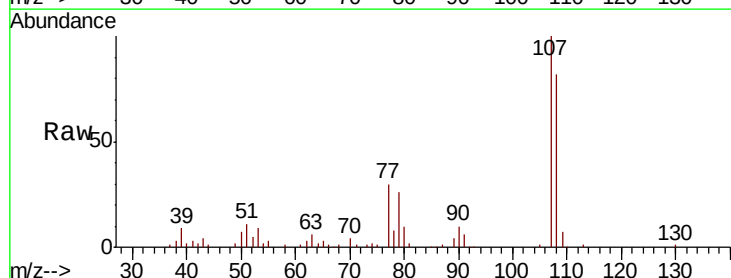
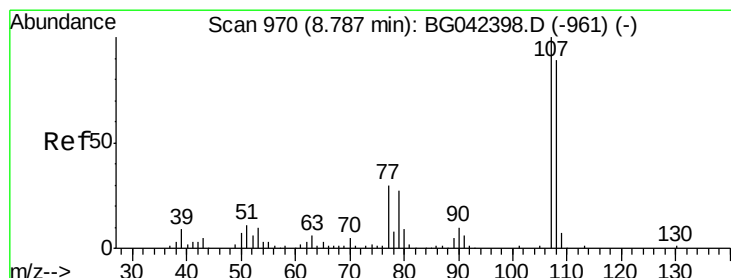
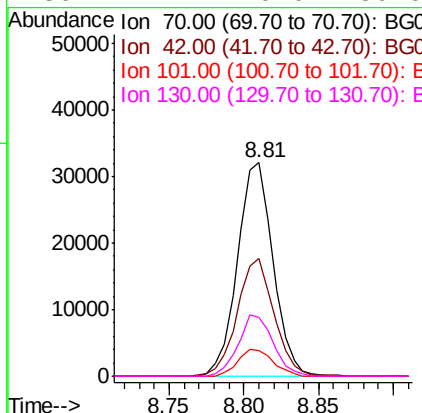




#19
n-Nitroso-di-n-propylamine
Concen: 32.185 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

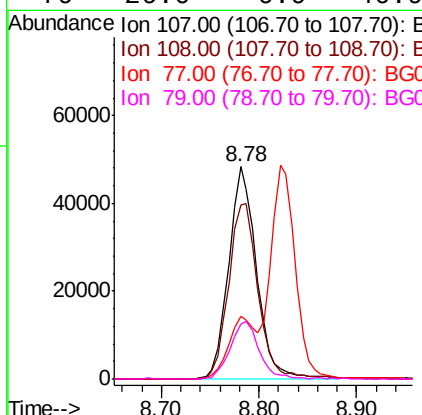
Instrument :
BNA_G
ClientSampled :

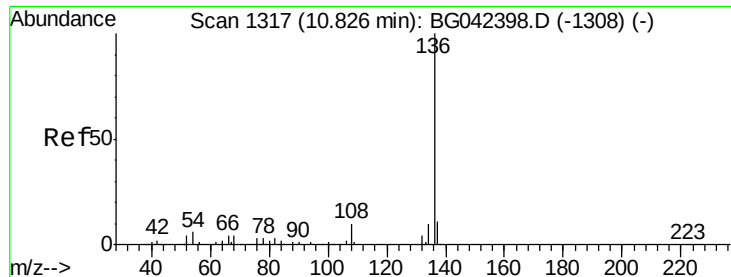
Tot Ion: 70 Resp: 53119
Ion Ratio Lower Upper
70 100
42 55.0 38.8 58.2
101 12.2 9.0 13.6
130 27.7 20.0 30.0



#20
3+4-Methylphenols
Concen: 36.386 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion: 107 Resp: 96058
Ion Ratio Lower Upper
107 100
108 82.4 68.7 108.7
77 29.8 10.2 50.2
79 26.0 6.9 46.9

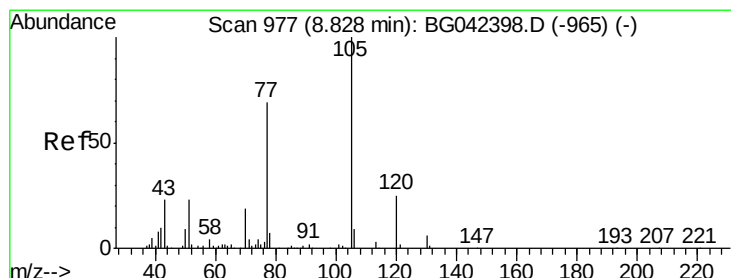
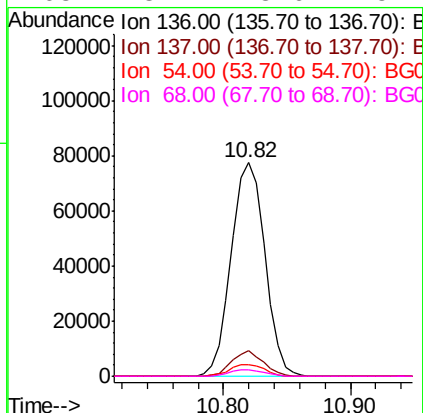
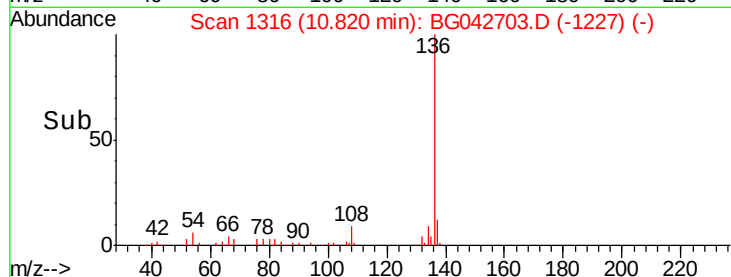
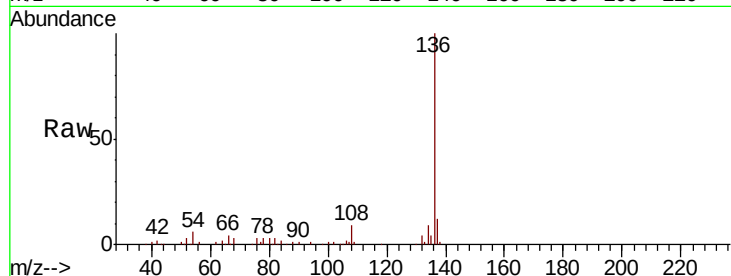




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

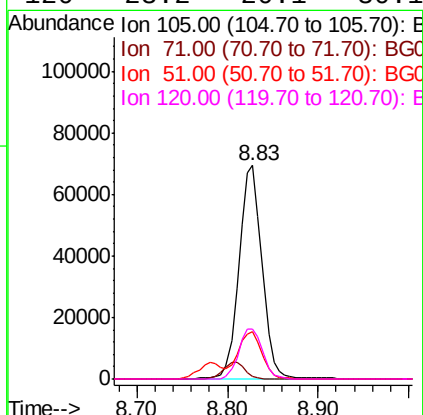
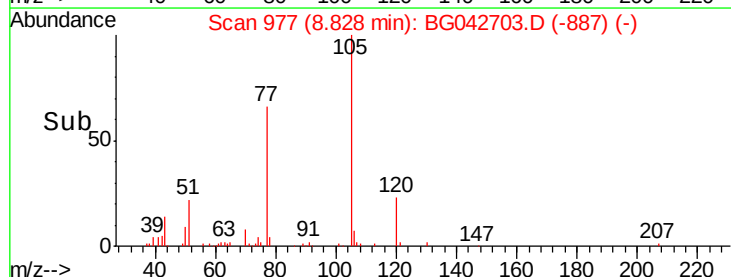
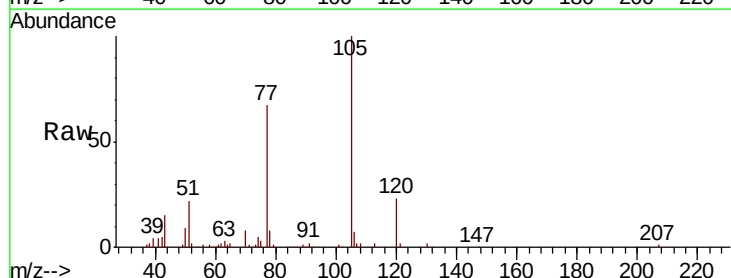
Instrument :
BNA_G
ClientSampleId :

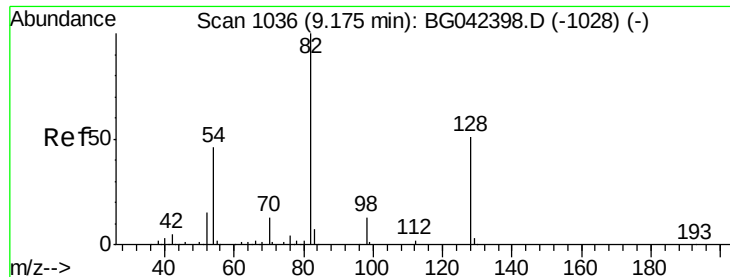
Tot Ion:136	Resp:	142955
Ion	Ratio	Lower Upper
136	100	
137	12.0	8.7 13.1
54	5.6	4.9 7.3
68	3.1	3.6 5.4#



#22
Acetophenone
Concen: 40.051 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion:105	Resp:	122457
Ion	Ratio	Lower Upper
105	100	
71	1.2	2.8 4.2#
51	22.3	18.7 28.1
120	23.2	20.1 30.1

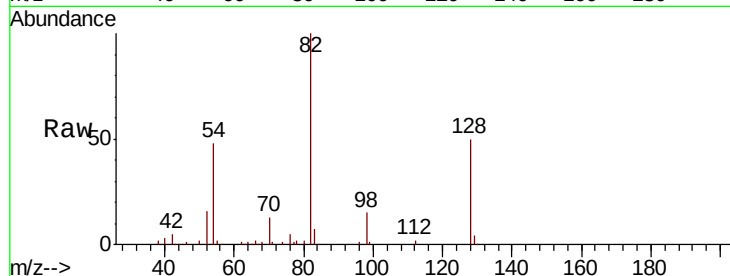




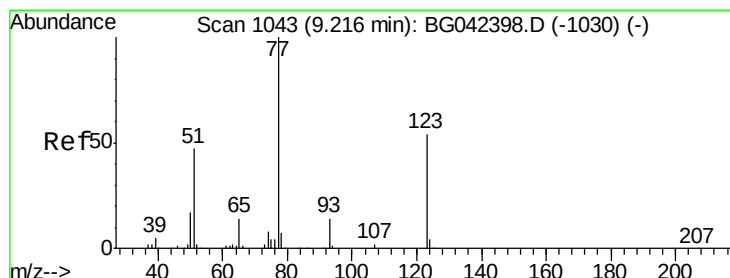
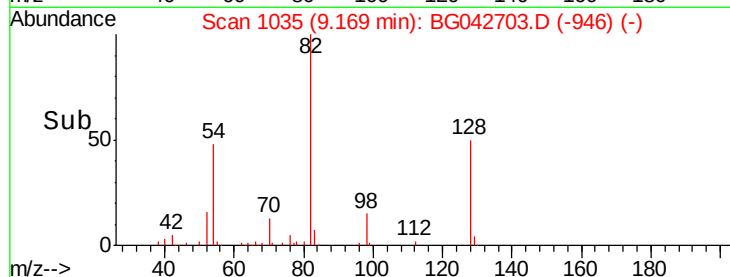
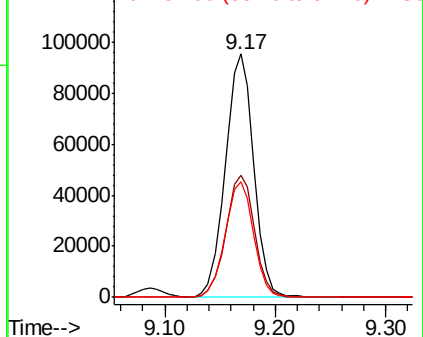
#23
Nitrobenzene-d5
Concen: 82.868 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 171429
Ion Ratio Lower Upper
82 100
128 49.9 40.7 61.1
54 47.7 36.3 54.5

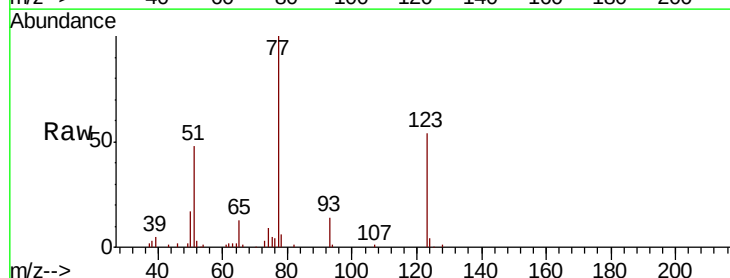


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

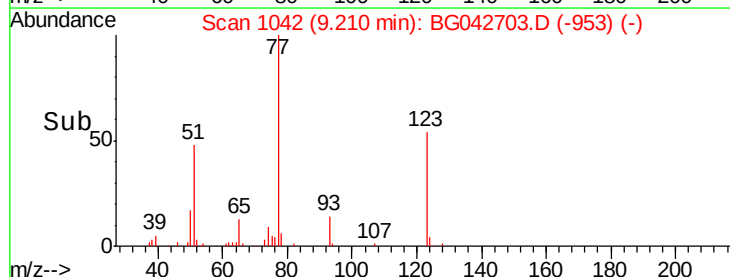
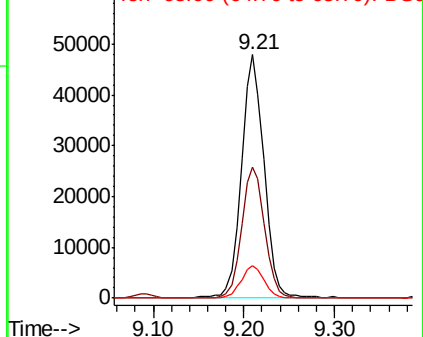


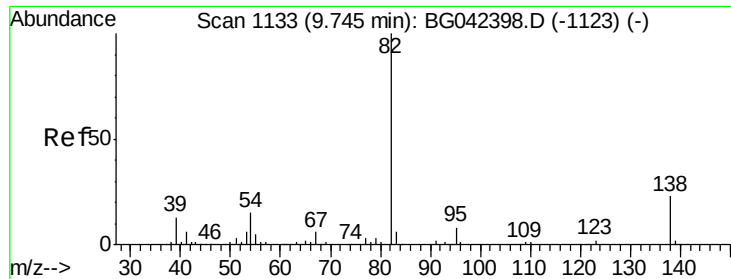
#24
Nitrobenzene
Concen: 39.423 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion: 77 Resp: 82586
Ion Ratio Lower Upper
77 100
123 53.6 43.4 65.0
65 13.2 11.0 16.6



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





#25

Isophorone

Concen: 36.949 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampled :

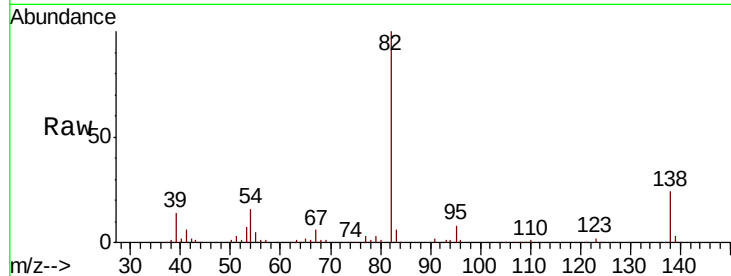
Tot Ion: 82 Resp: 150849

Ion Ratio Lower Upper

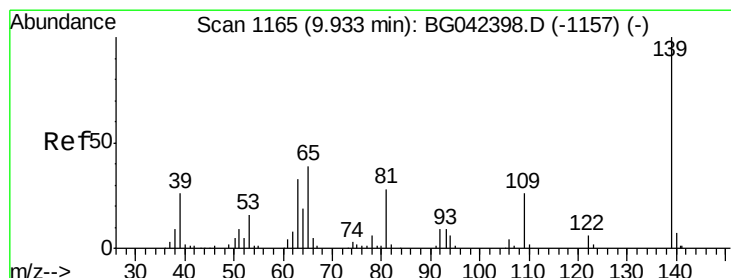
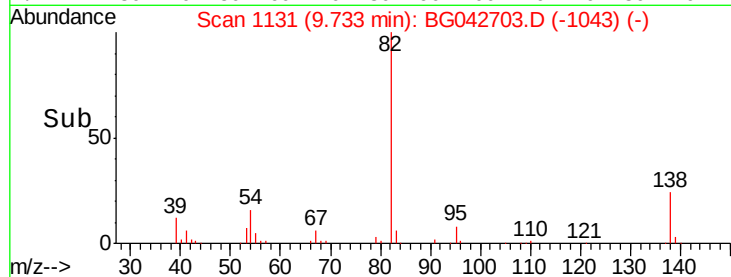
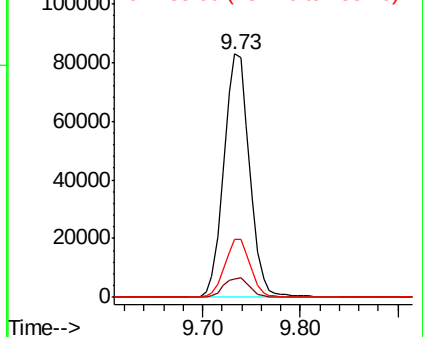
82 100

95 7.8 6.6 9.8

138 23.9 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: 41.499 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

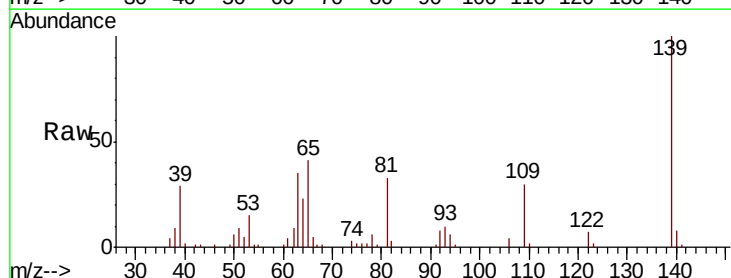
Tgt Ion: 139 Resp: 54478

Ion Ratio Lower Upper

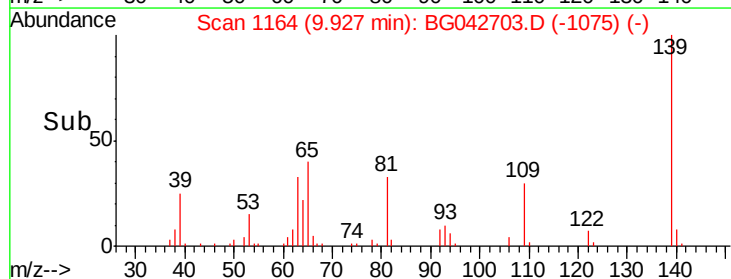
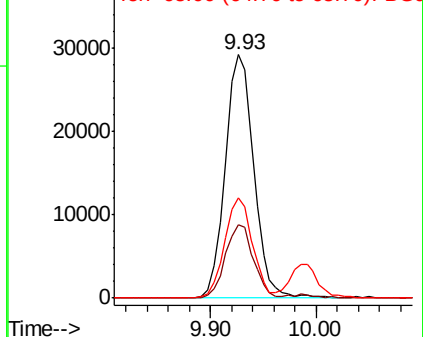
139 100

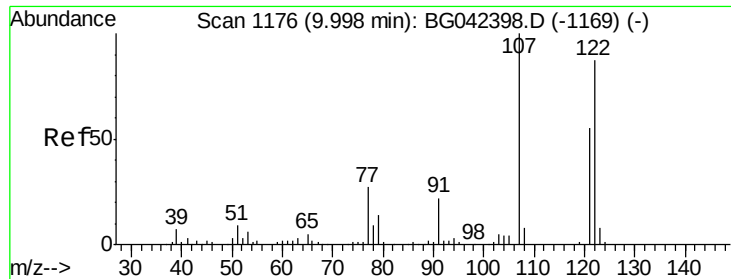
109 30.0 20.5 30.7

65 41.2 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

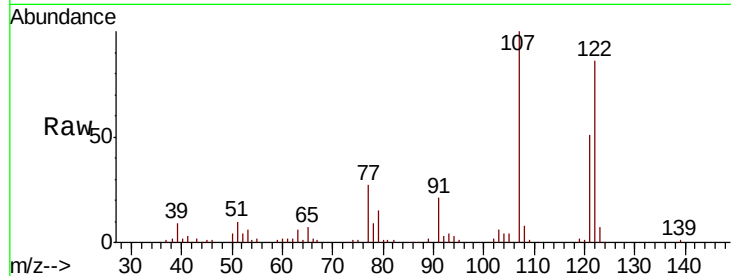




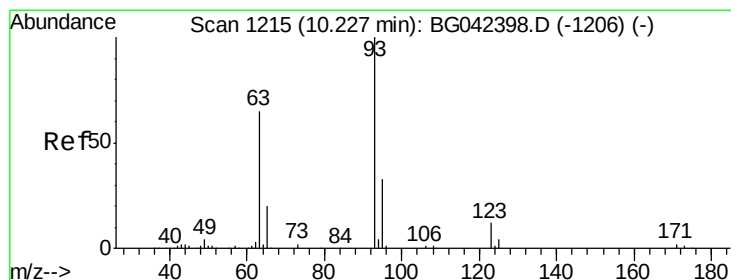
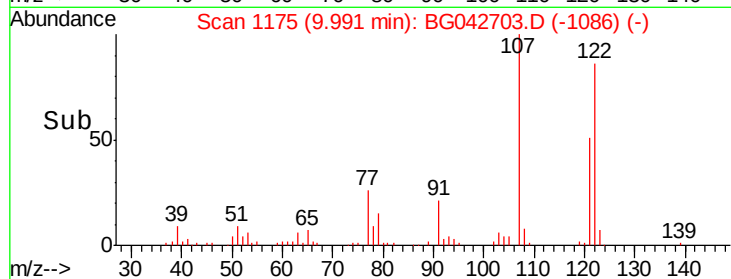
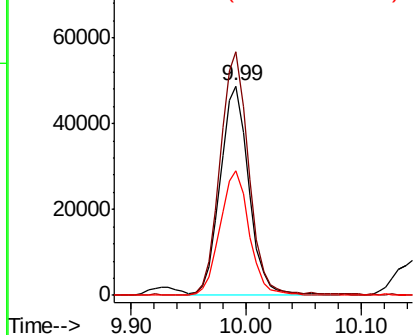
#27
 2,4-Dimethylphenol
 Concen: 45.676 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 82598
 Ion Ratio Lower Upper
 122 100
 107 116.4 90.8 136.2
 121 59.3 49.6 74.4

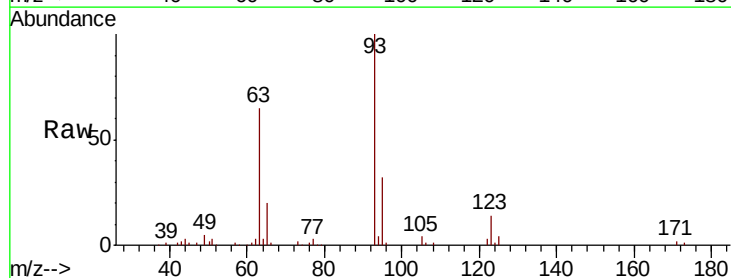


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

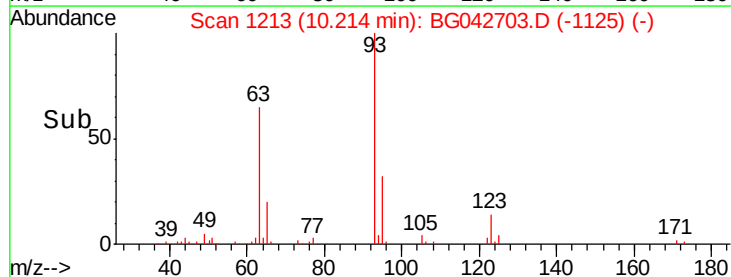
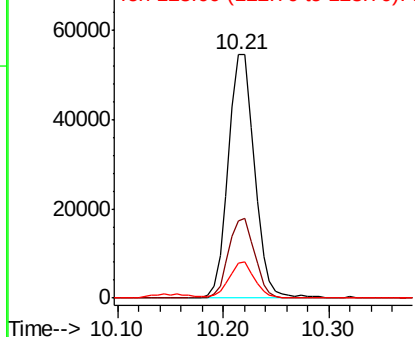


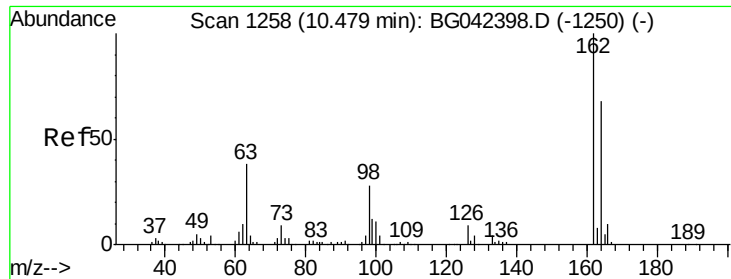
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.462 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion: 93 Resp: 93823
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.6 40.0
 123 14.3 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

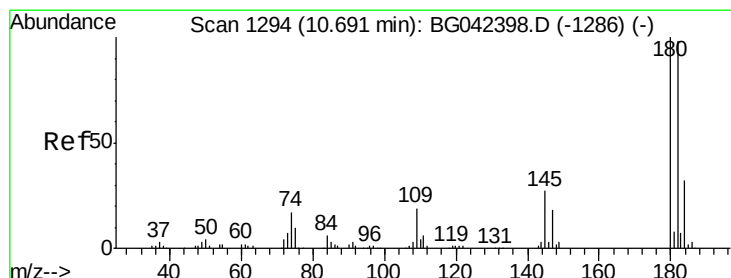
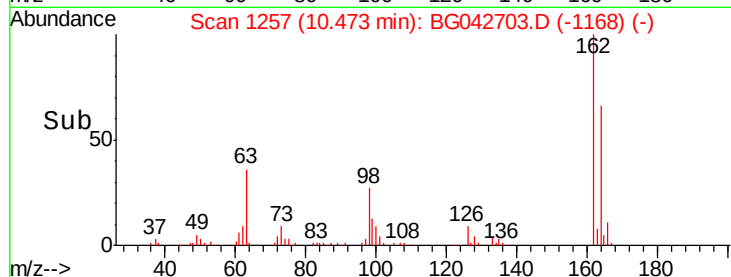
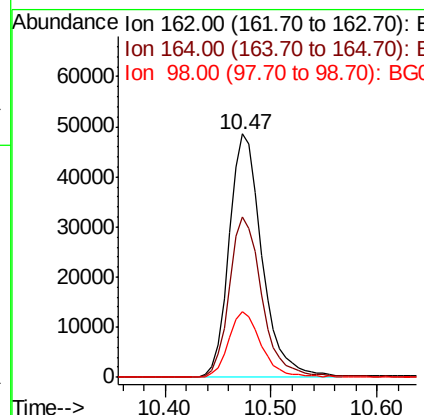
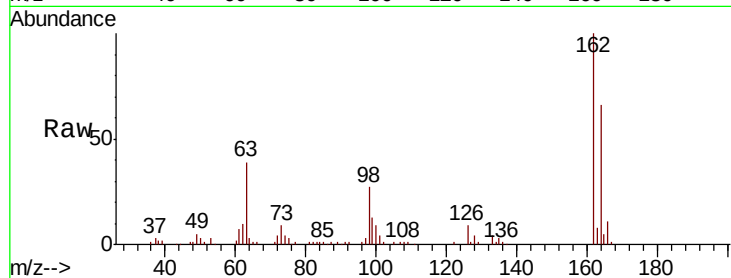




#29
 2,4-Dichlorophenol
 Concen: 44.152 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

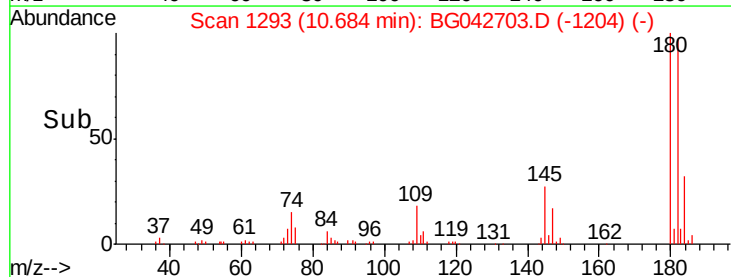
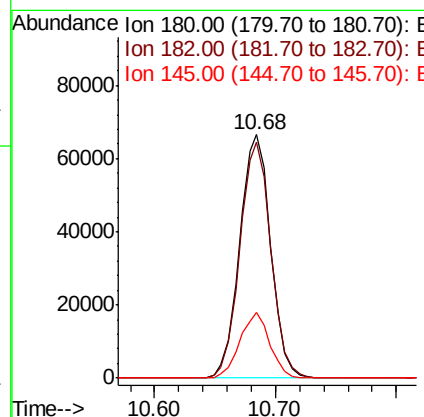
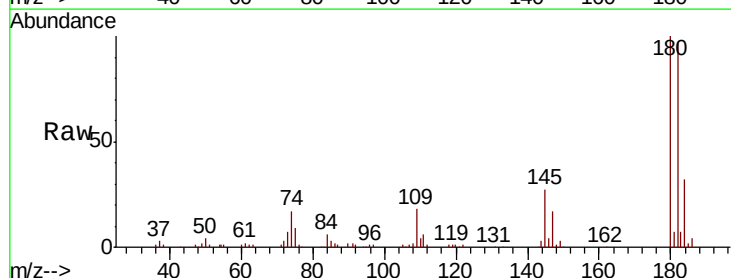
Instrument :
 BNA_G
 ClientSampleId :

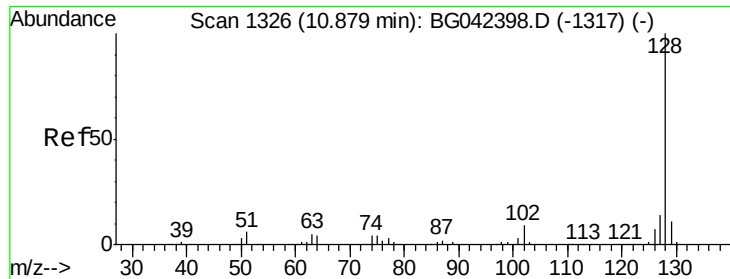
Tot Ion	162	Resp	104461
Ion	Ratio	Lower	Upper
162	100		
164	66.1	48.1	88.1
98	26.9	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.831 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion	180	Resp	118574
Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.7	118.1
145	26.9	21.6	32.4

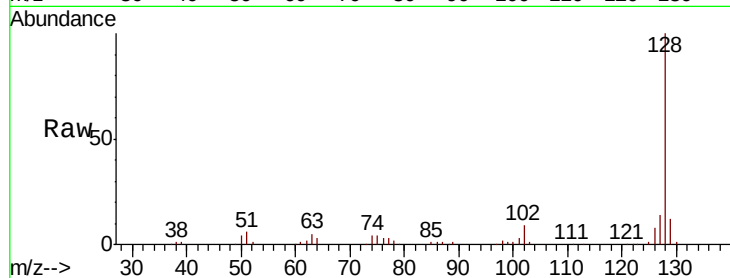




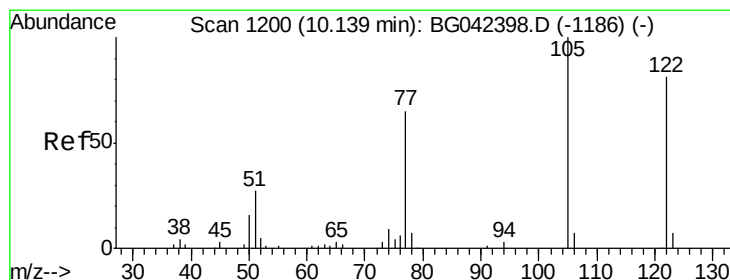
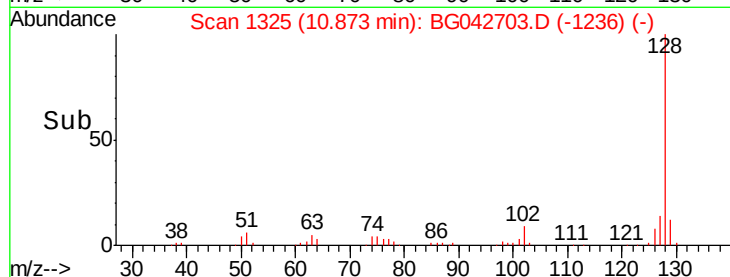
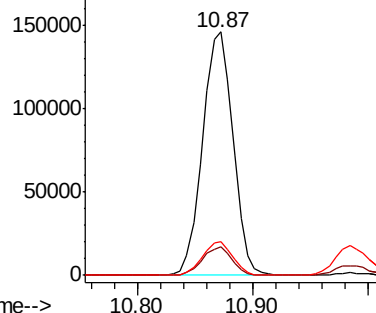
#31
Naphthalene
Concen: 40.062 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 265890
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.6 11.4 17.0

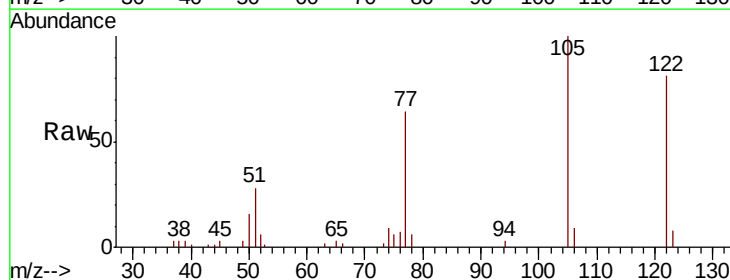


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

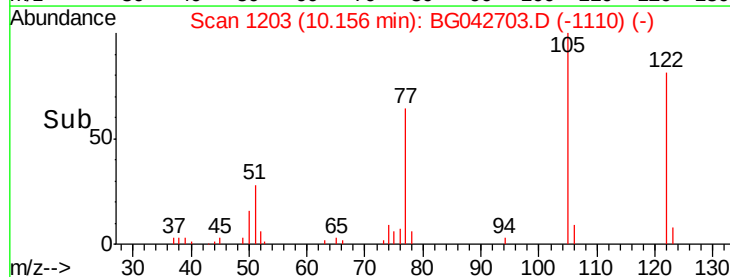
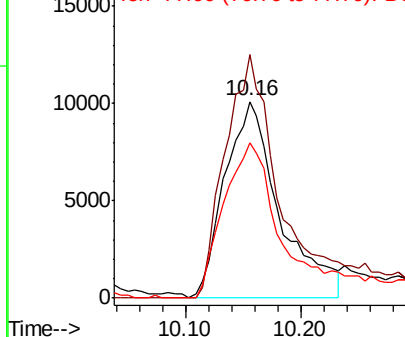


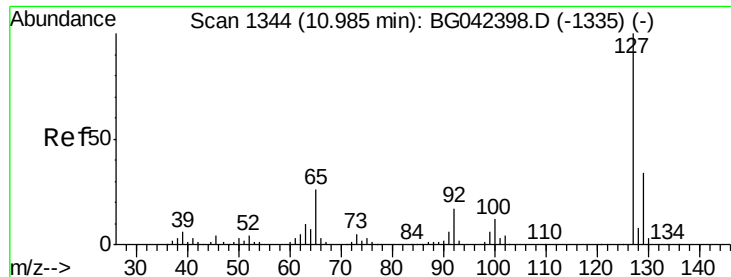
#32
Benzoic acid
Concen: 29.231 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion:122 Resp: 33311
Ion Ratio Lower Upper
122 100
105 124.1 99.6 139.6
77 79.0 59.5 99.5



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

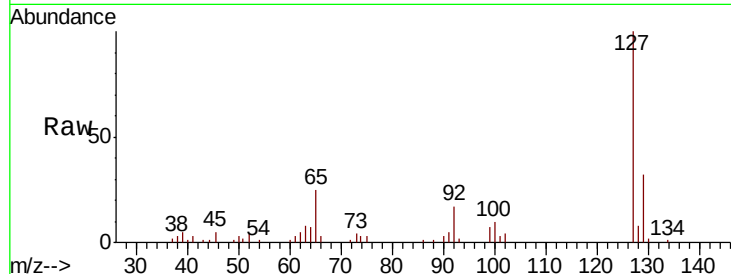




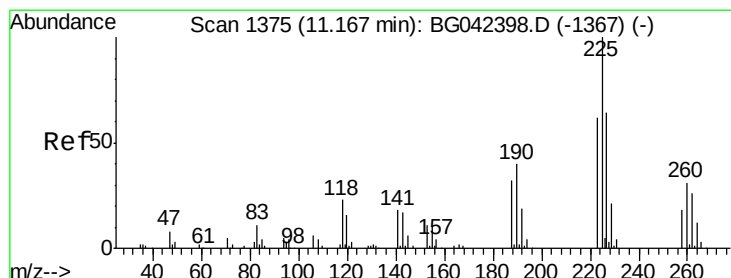
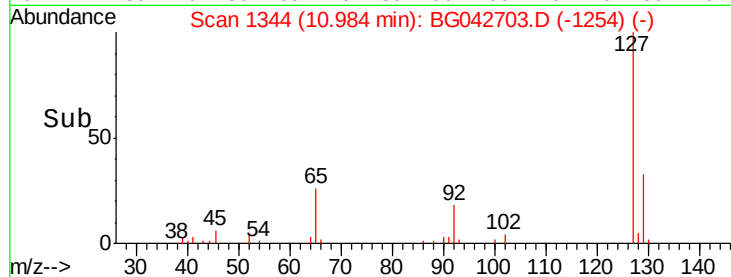
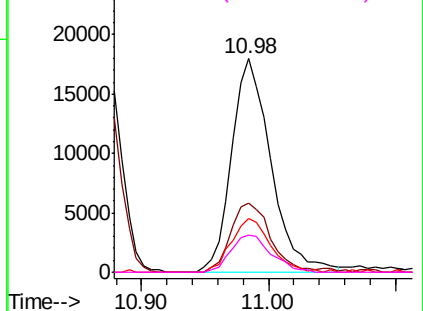
#33
4-Chloroaniline
Concen: 12.604 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	38618
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.8 40.2
65	25.4	20.7 31.1
92	17.5	13.6 20.4

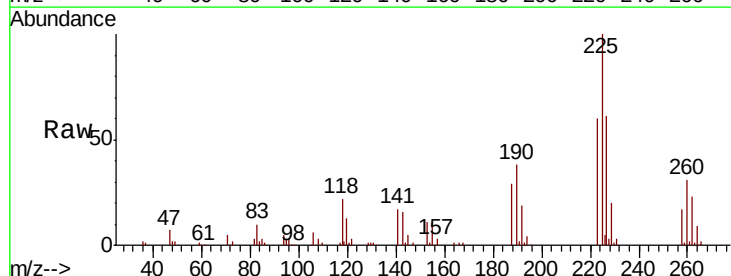


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

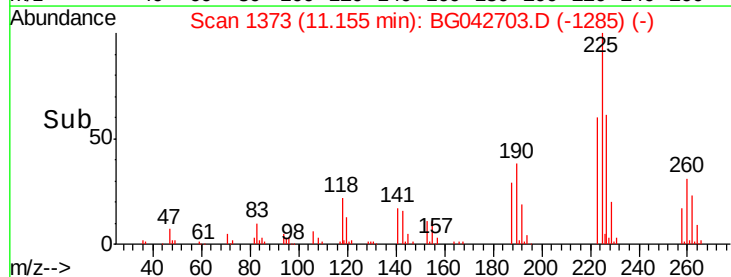
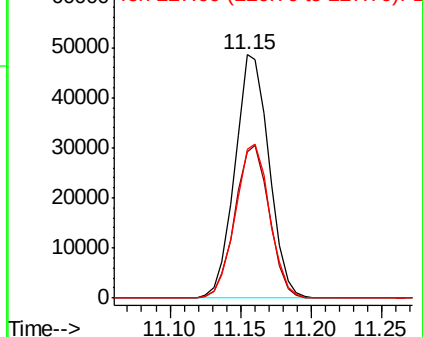


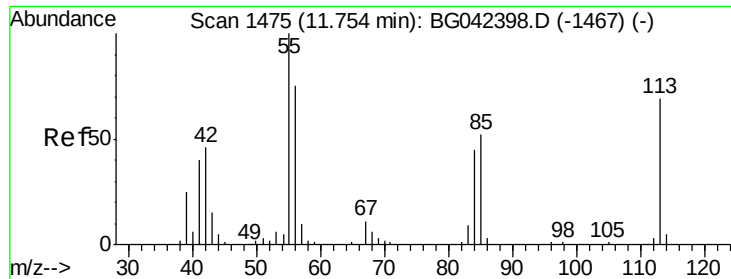
#34
Hexachlorobutadiene
Concen: 41.978 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion:225	Resp:	81928
Ion Ratio	Lower	Upper
225	100	
223	60.3	49.8 74.6
227	60.9	50.9 76.3



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

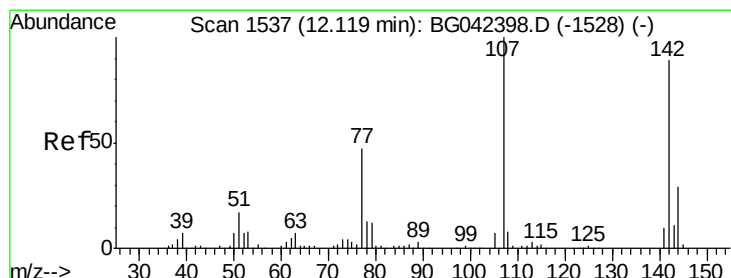
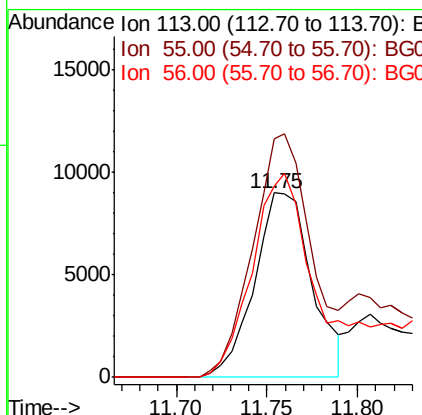
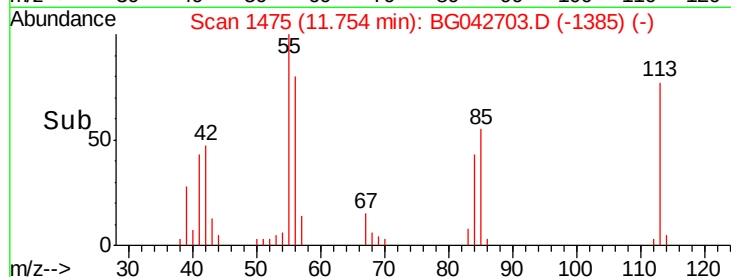
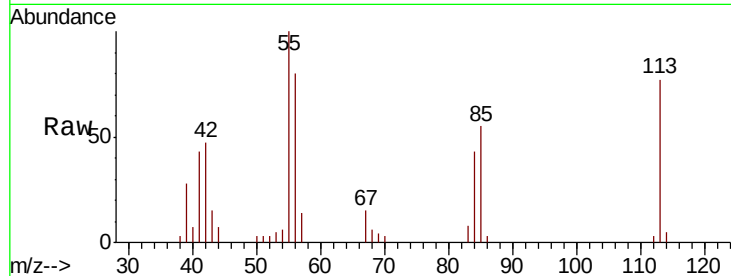




#35
 Caprolactam
 Concen: 25.106 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

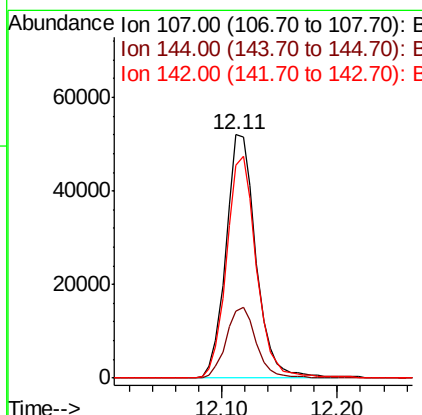
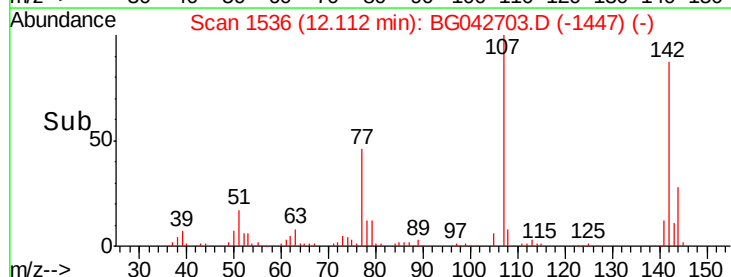
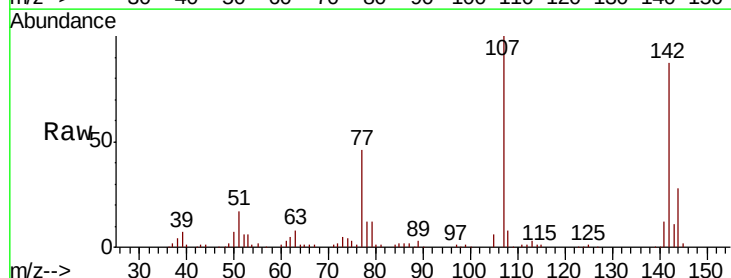
Instrument :
 BNA_G
 ClientSampleId :

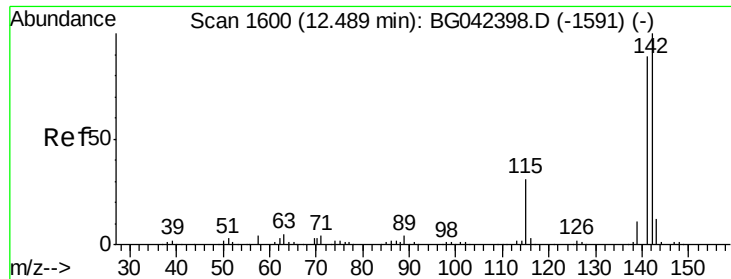
Tot Ion:113 Resp: 19820
 Ion Ratio Lower Upper
 113 100
 55 129.3 124.6 164.6
 56 103.4 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.777 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion:107 Resp: 93830
 Ion Ratio Lower Upper
 107 100
 144 27.5 23.6 35.4
 142 87.4 71.0 106.4

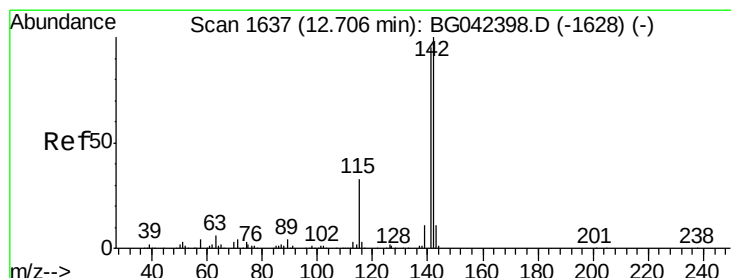
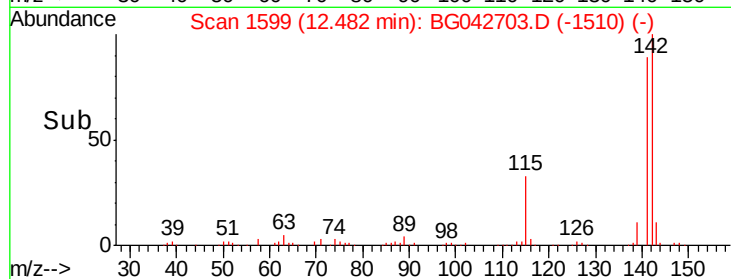
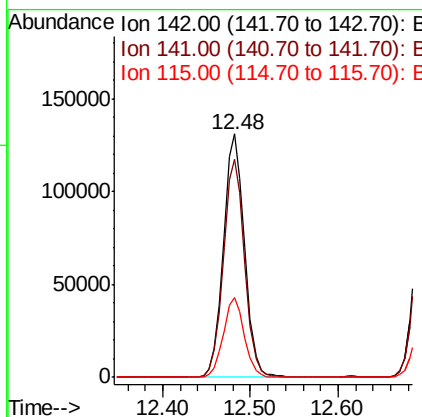
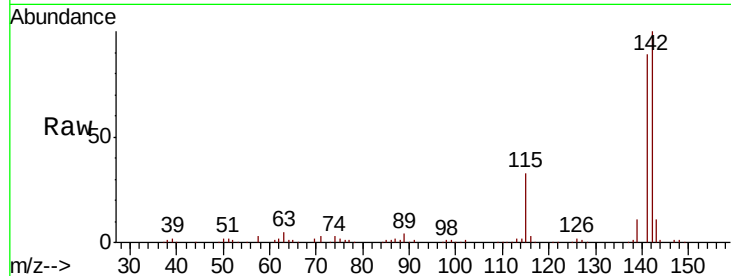




#37
 2-Methylnaphthalene
 Concen: 40.894 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

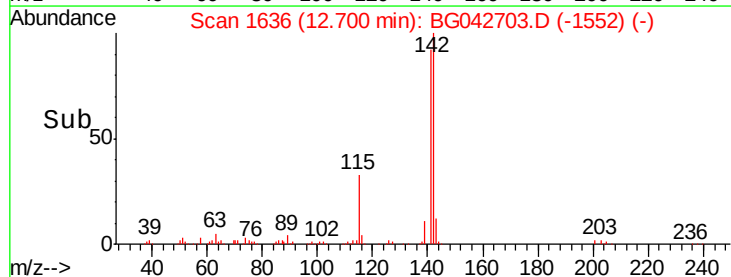
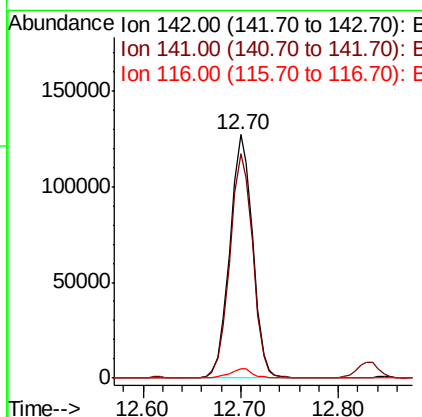
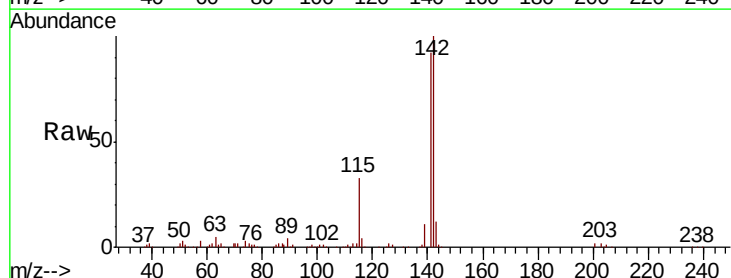
Instrument :
 BNA_G
 ClientSampleId :

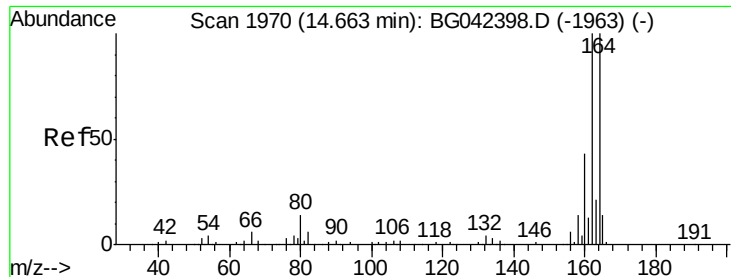
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	32.6	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 40.643 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	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: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

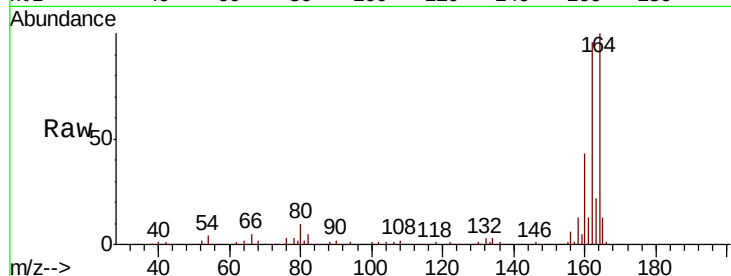
Tot Ion:164 Resp: 107743

Ion Ratio Lower Upper

164 100

162 96.1 79.9 119.9

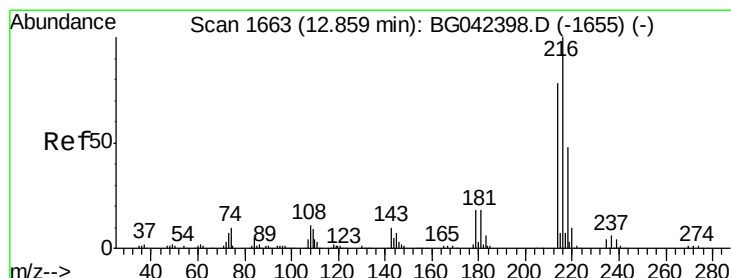
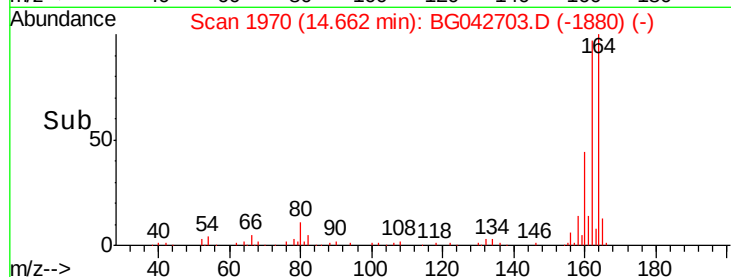
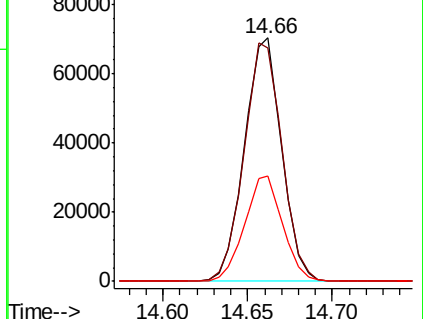
160 43.3 34.3 51.5



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: 44.029 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Tgt Ion:216 Resp: 152342

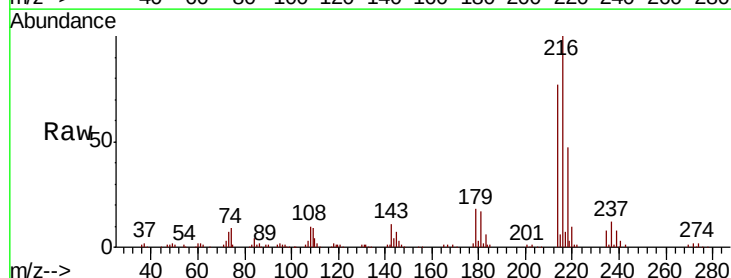
Ion Ratio Lower Upper

216 100

214 75.8 61.4 92.2

179 17.9 15.1 22.7

108 11.6 9.4 14.0

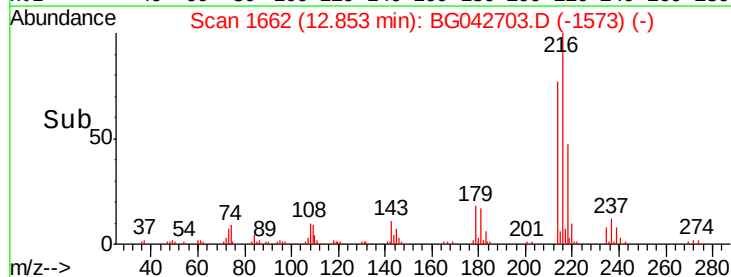
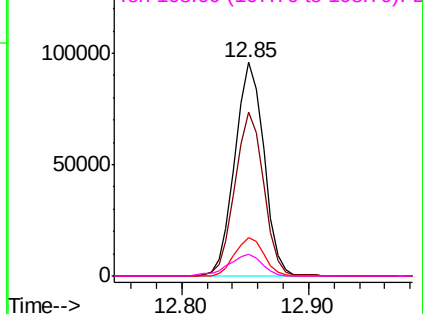


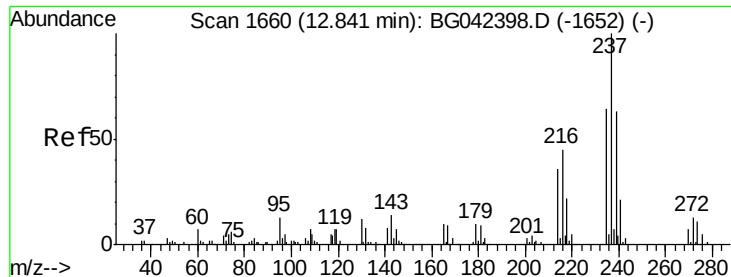
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

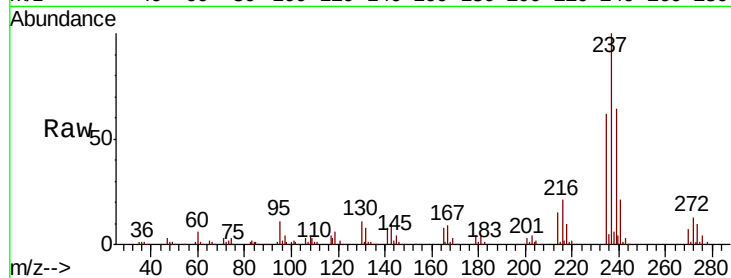




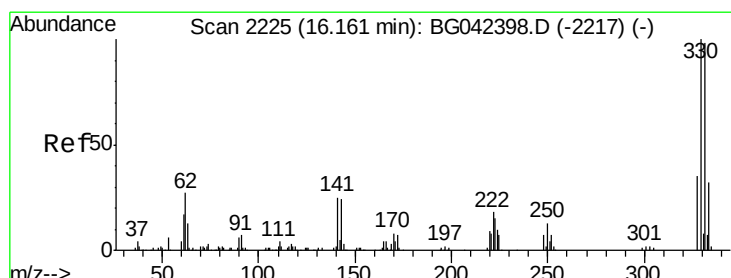
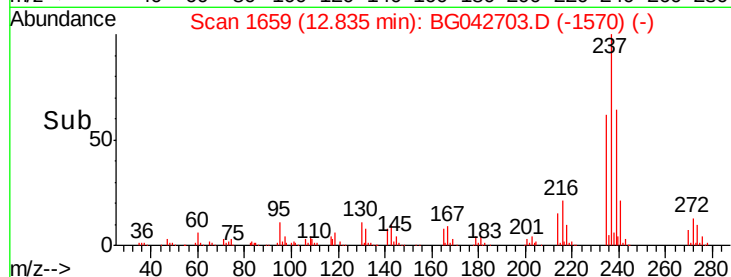
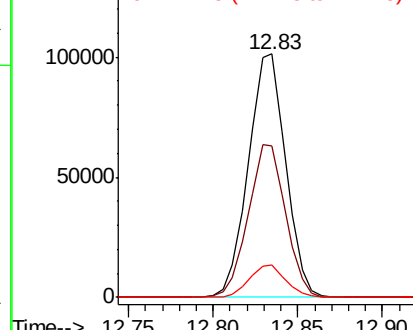
#41
Hexachlorocyclopentadiene
Concen: 86.040 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 156378
Ion Ratio Lower Upper
237 100
235 62.1 43.7 83.7
272 13.5 0.0 33.3

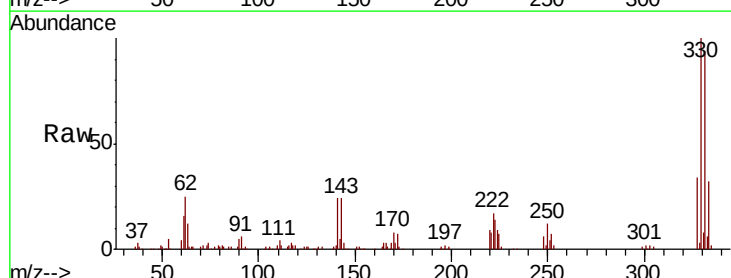


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

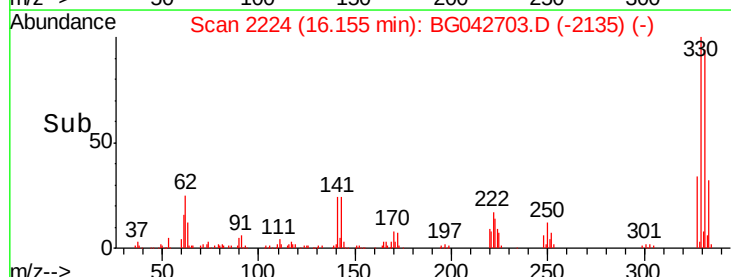
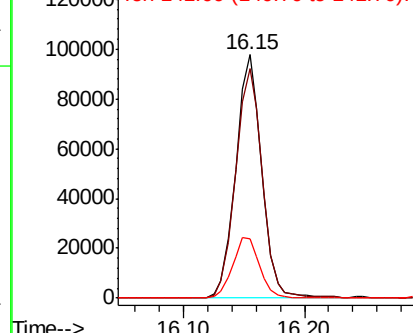


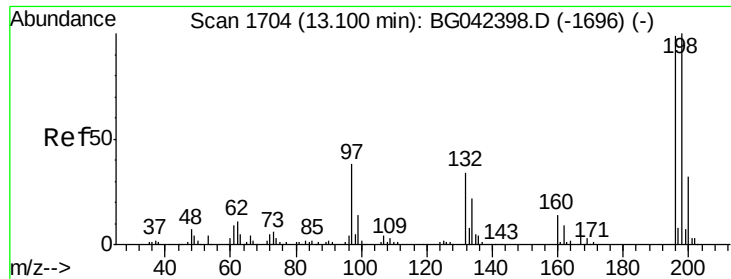
#42
2,4,6-Tribromophenol
Concen: 95.601 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion:330 Resp: 146402
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 25.9 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

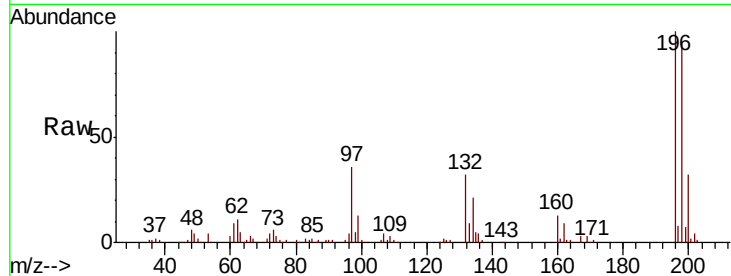




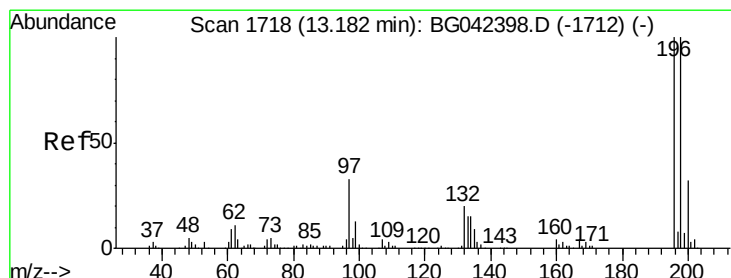
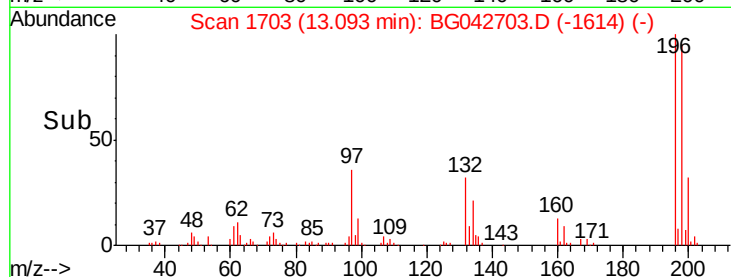
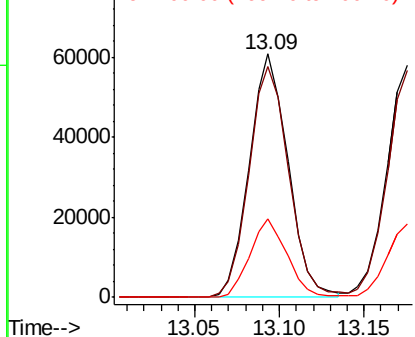
#43
 2,4,6-Trichlorophenol
 Concen: 41.419 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 96868
 Ion Ratio Lower Upper
 196 100
 198 95.0 80.7 121.1
 200 32.4 25.7 38.5

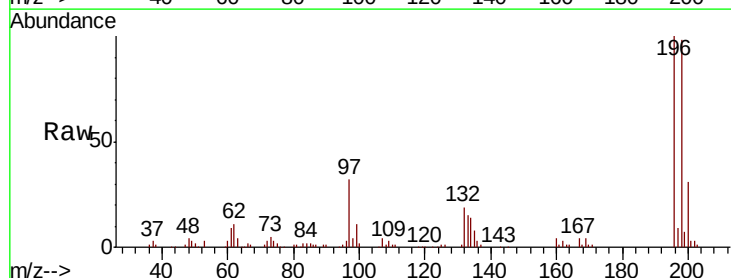


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

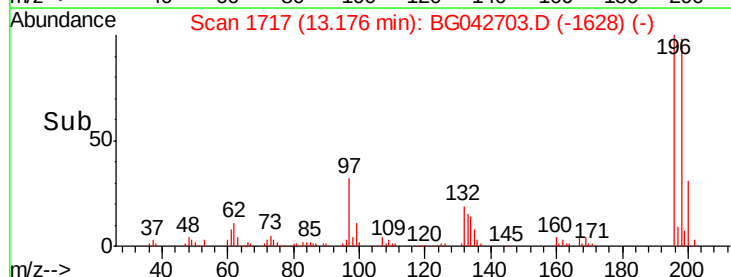
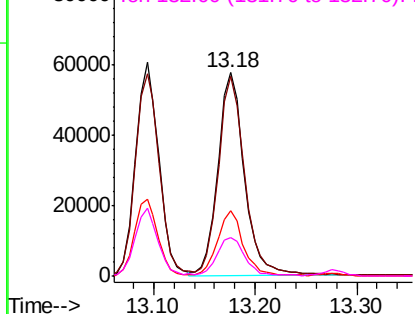


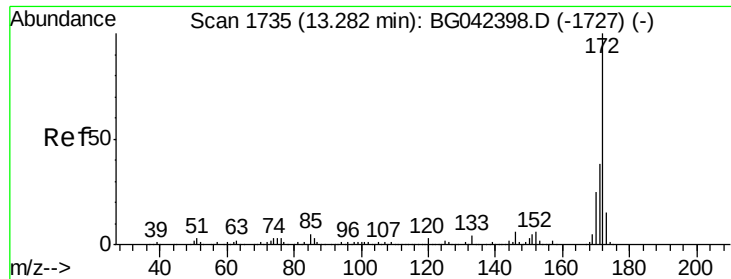
#44
 2,4,5-Trichlorophenol
 Concen: 43.121 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion:196 Resp: 104509
 Ion Ratio Lower Upper
 196 100
 198 98.1 80.2 120.4
 97 32.1 26.3 39.5
 132 18.9 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

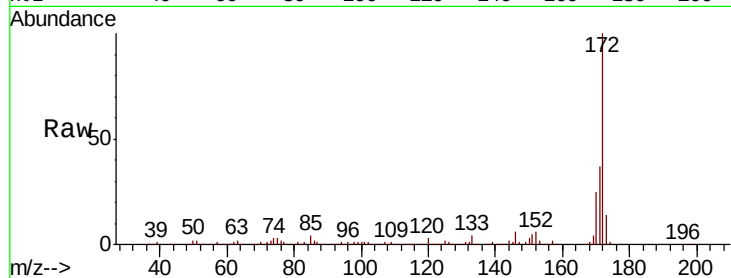




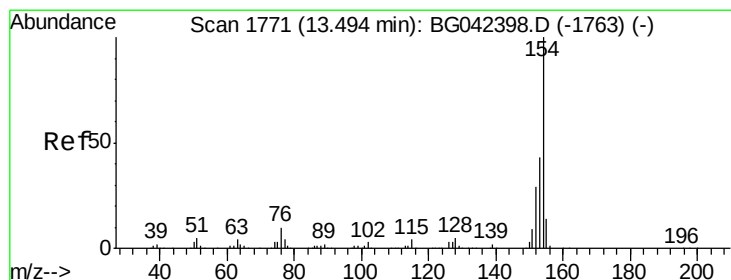
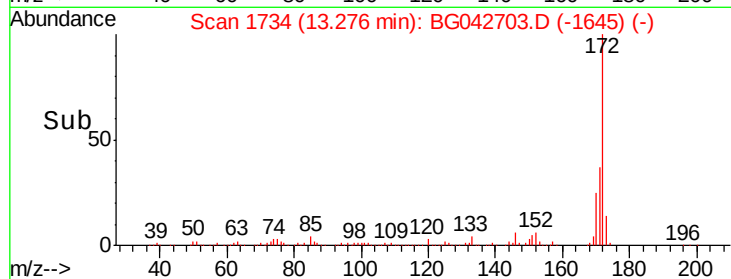
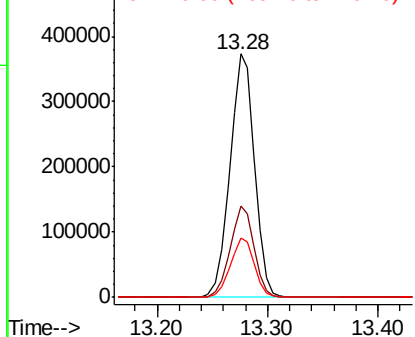
#45
 2-Fluorobiphenyl
 Concen: 90.763 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.5	20.2	30.2

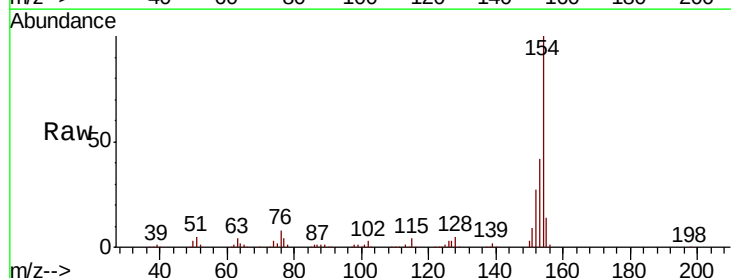


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

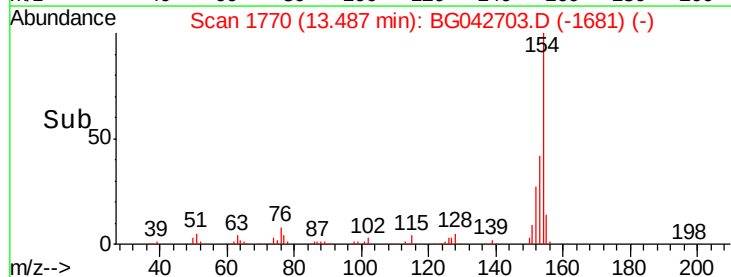
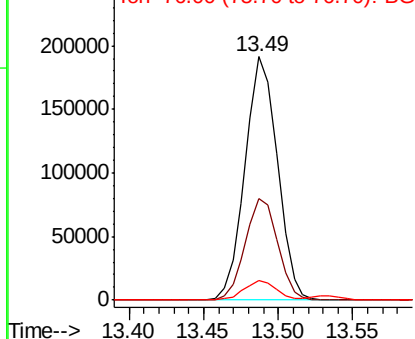


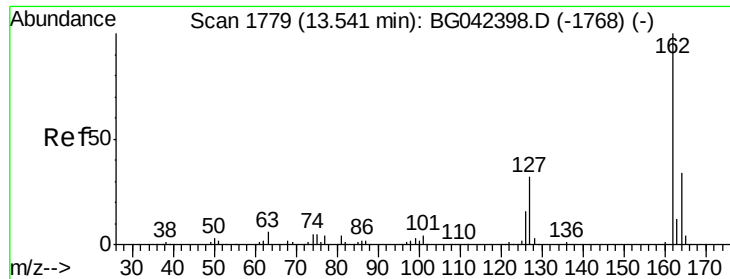
#46
 1,1'-Biphenyl
 Concen: 41.372 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.0	63.0
76	7.9	0.0	29.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

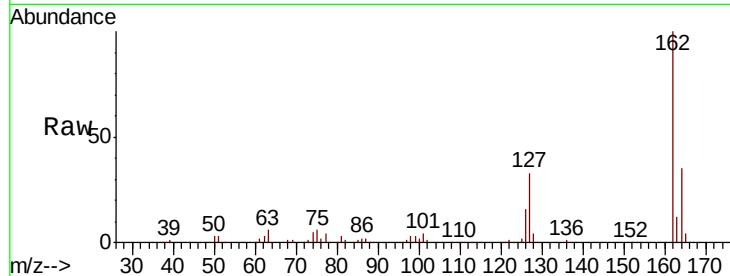




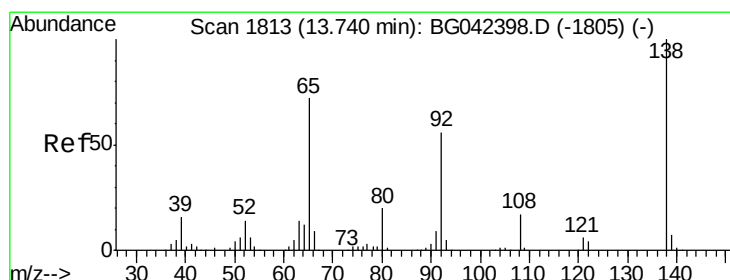
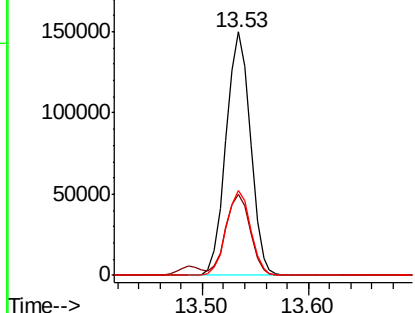
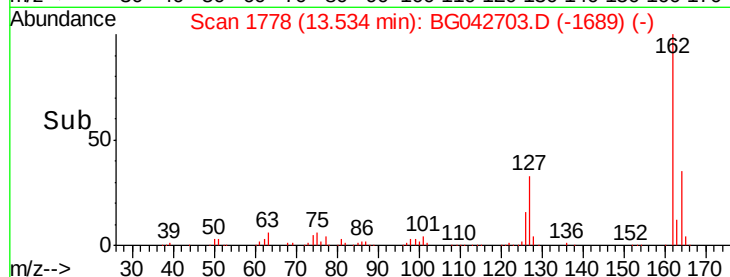
#47
 2-Chloronaphthalene
 Concen: 39.853 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 239331
 Ion Ratio Lower Upper
 162 100
 127 33.1 26.0 39.0
 164 34.9 27.4 41.0

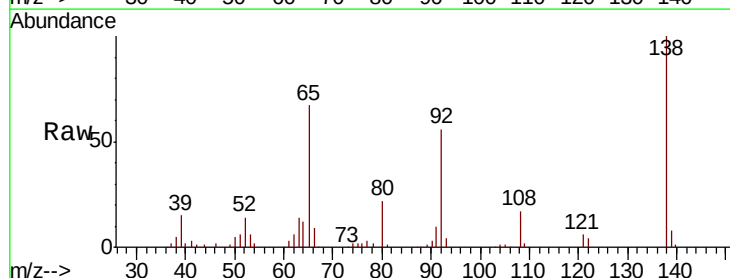


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

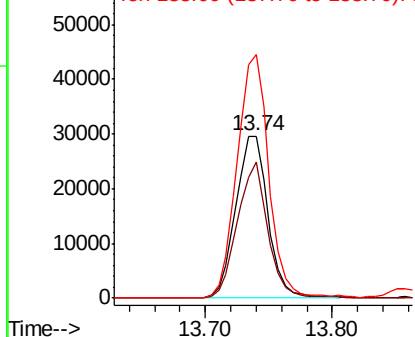
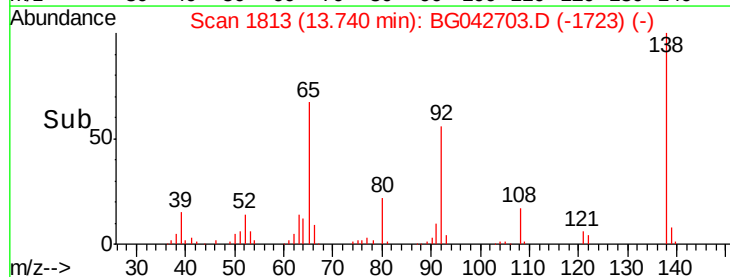


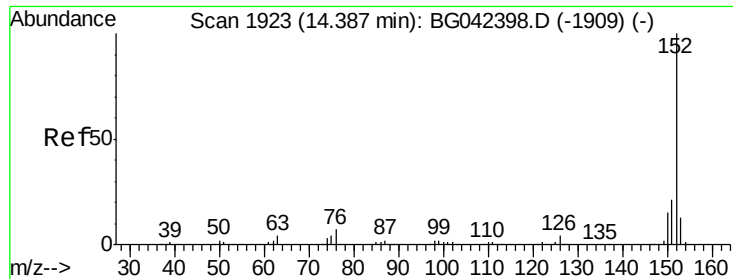
#48
 2-Nitroaniline
 Concen: 36.122 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion: 65 Resp: 52309
 Ion Ratio Lower Upper
 65 100
 92 83.8 61.8 92.6
 138 150.0 111.0 166.6



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: 41.985 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

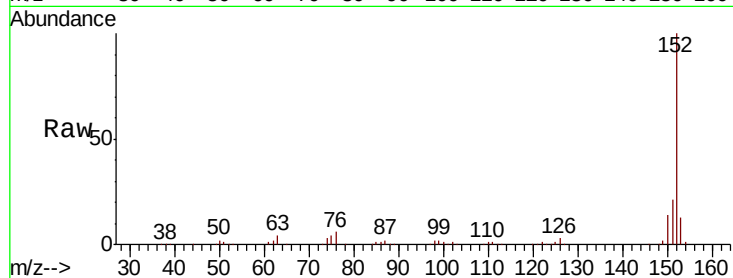
Tot Ion:152 Resp: 379322

Ion Ratio Lower Upper

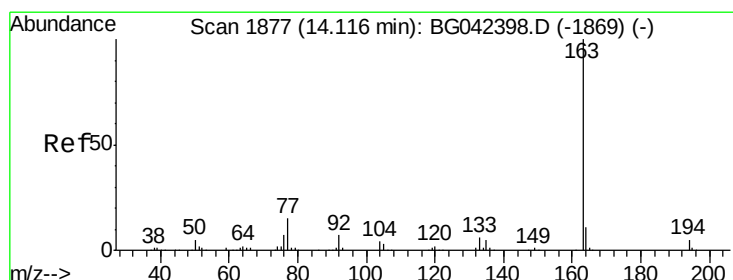
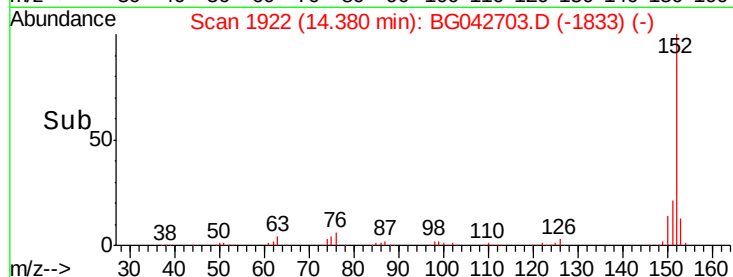
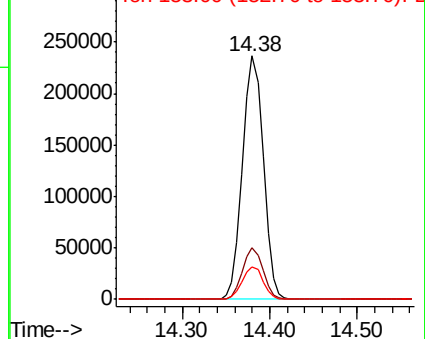
152 100

151 21.3 17.0 25.4

153 13.2 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.108 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

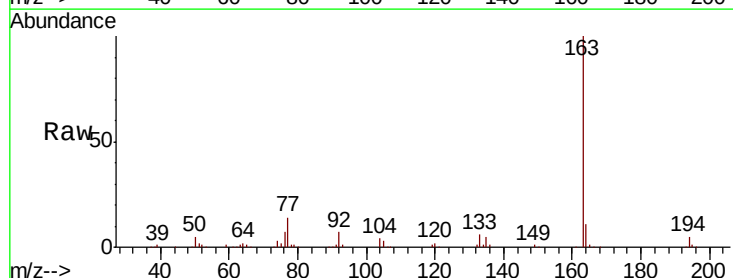
Tgt Ion:163 Resp: 311798

Ion Ratio Lower Upper

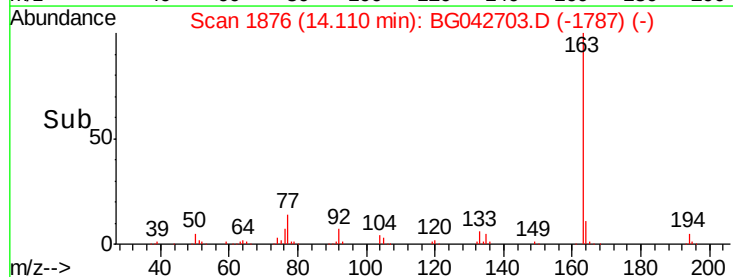
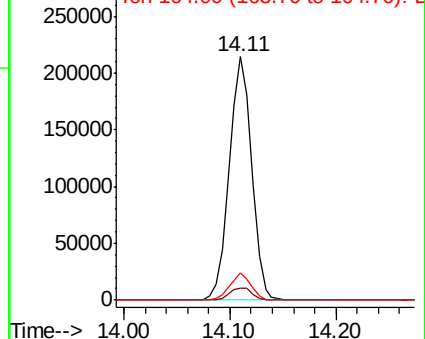
163 100

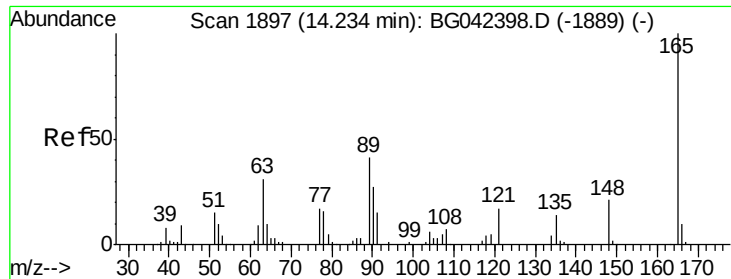
194 5.1 4.2 6.2

164 11.0 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

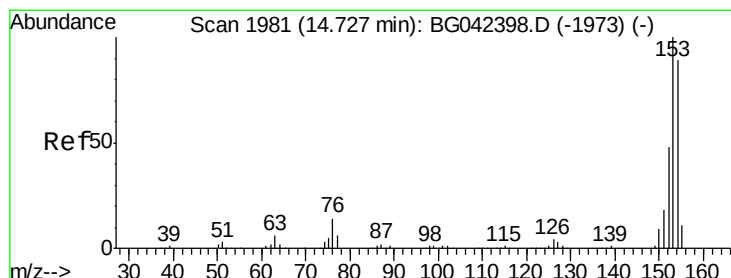
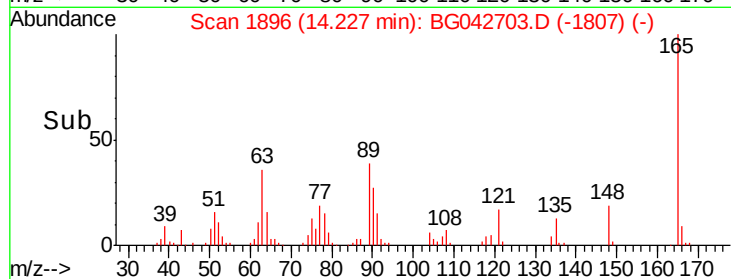
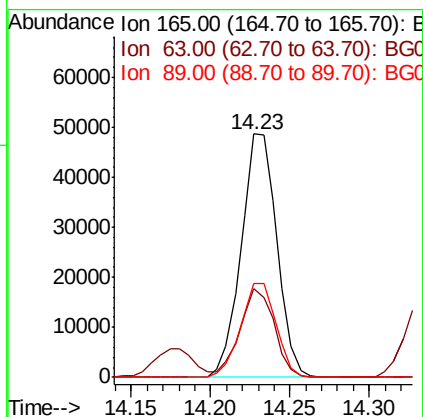
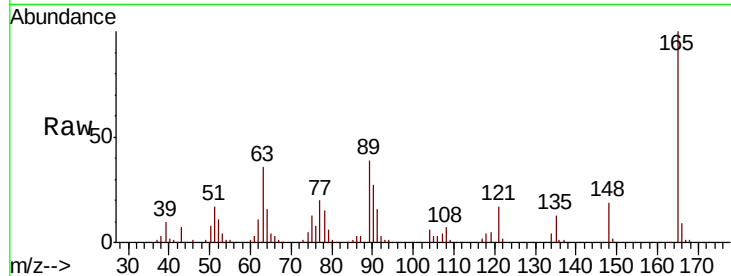




#51
 2,6-Dinitrotoluene
 Concen: 42.255 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

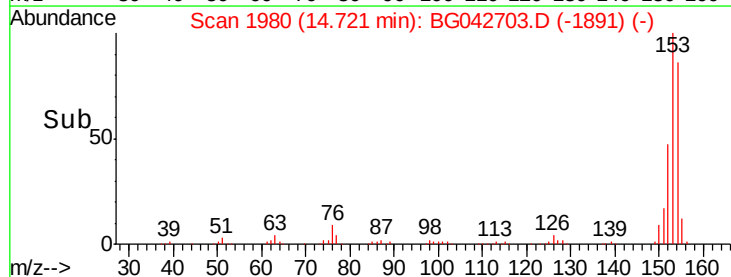
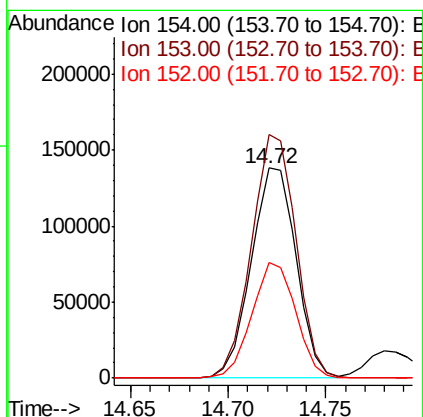
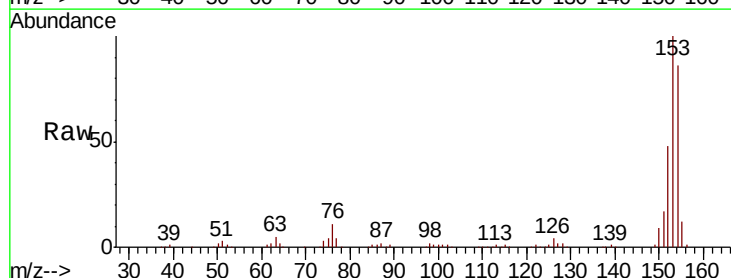
Instrument :
 BNA_G
 ClientSampleId :

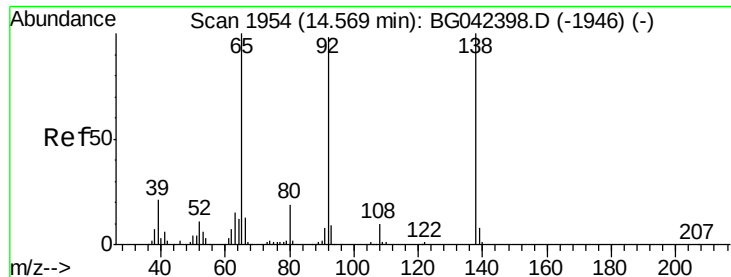
Tot Ion:165 Resp: 76142
 Ion Ratio Lower Upper
 165 100
 63 36.5 30.6 45.8
 89 38.6 32.6 49.0



#52
 Acenaphthene
 Concen: 40.265 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion:154 Resp: 220896
 Ion Ratio Lower Upper
 154 100
 153 115.9 90.2 135.4
 152 55.1 43.2 64.8

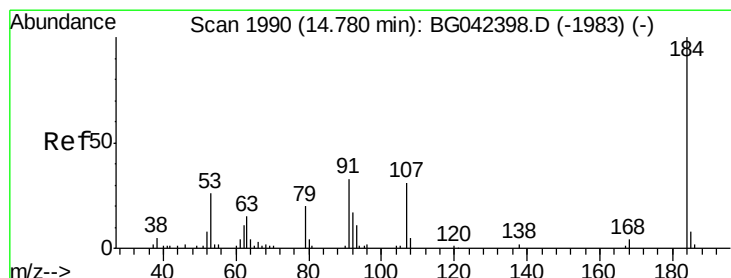
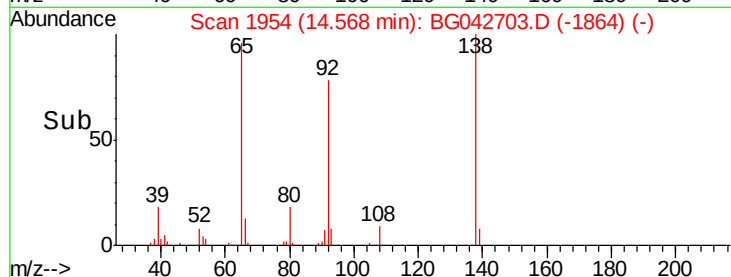
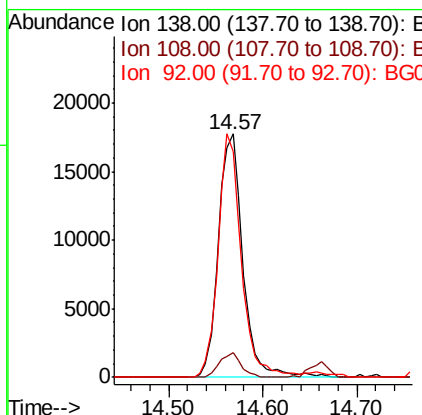
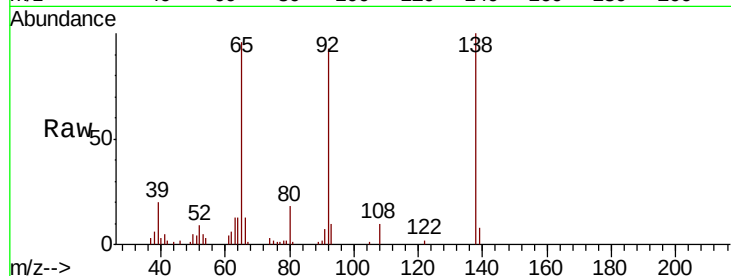




#53
3-Nitroaniline
Concen: 17.930 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

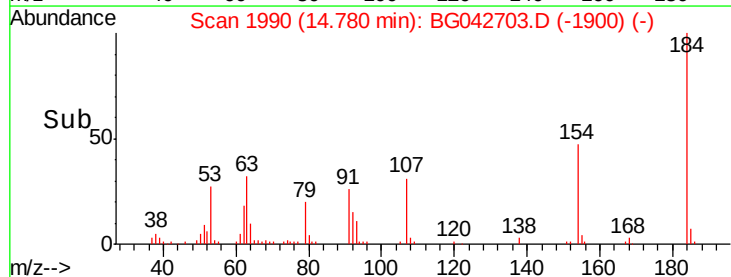
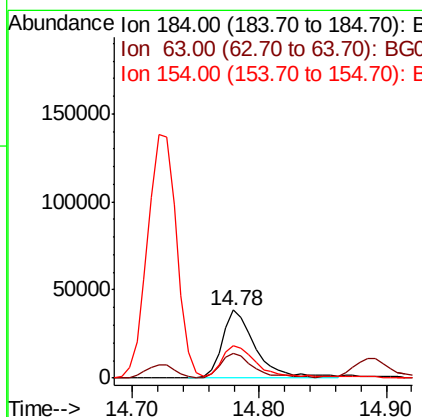
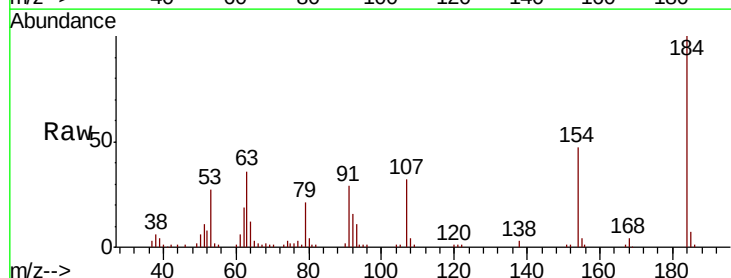
Instrument :
BNA_G
ClientSampleId :

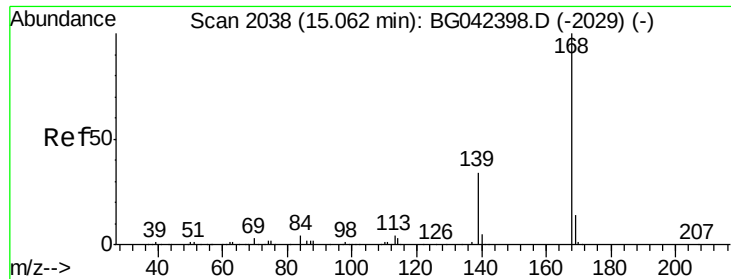
Tot Ion:138 Resp: 32313
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 92.9 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 59.398 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion:184 Resp: 70026
Ion Ratio Lower Upper
184 100
63 36.4 31.7 47.5
154 46.9 42.0 63.0





#55

Dibenzenofuran

Concen: 42.810 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

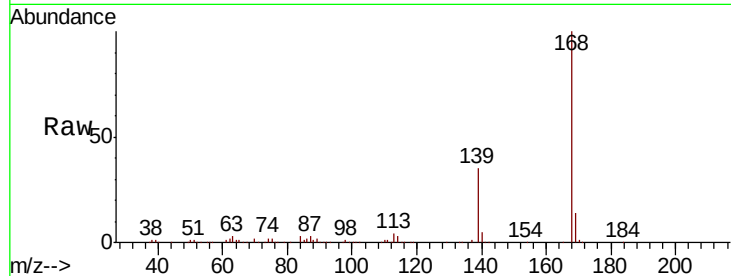
Tot Ion:168 Resp: 388759

Ion Ratio Lower Upper

168 100

139 35.5 27.2 40.8

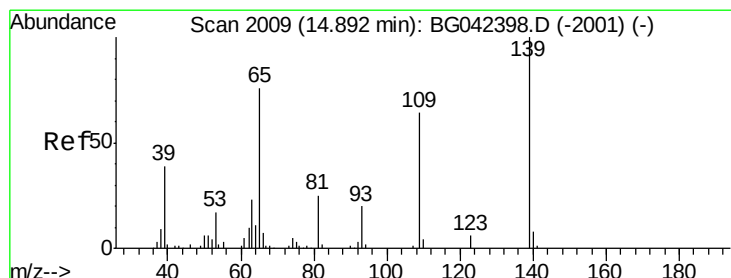
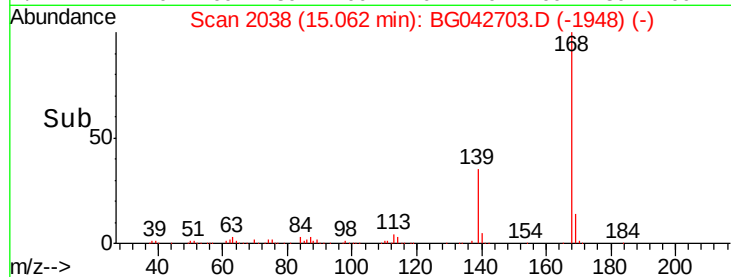
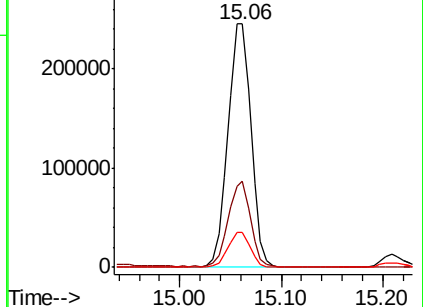
169 14.1 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.921 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

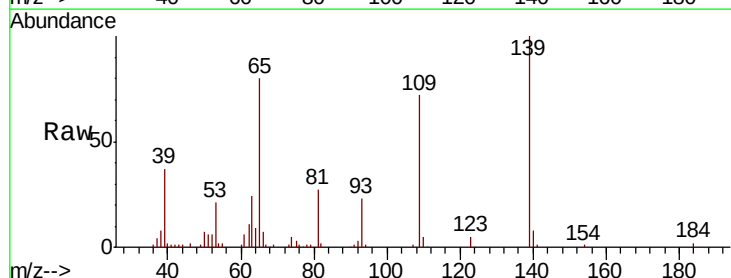
Tgt Ion:139 Resp: 101062

Ion Ratio Lower Upper

139 100

109 72.2 43.9 83.9

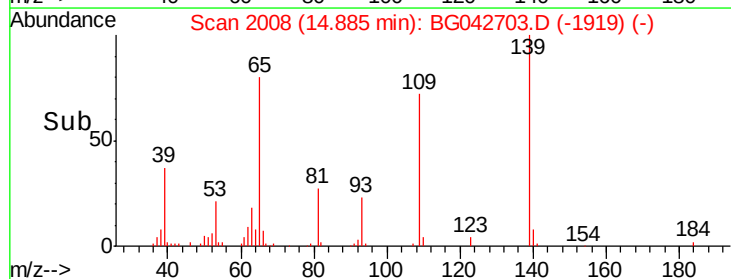
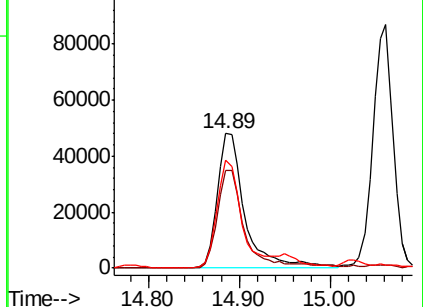
65 80.2 56.3 96.3

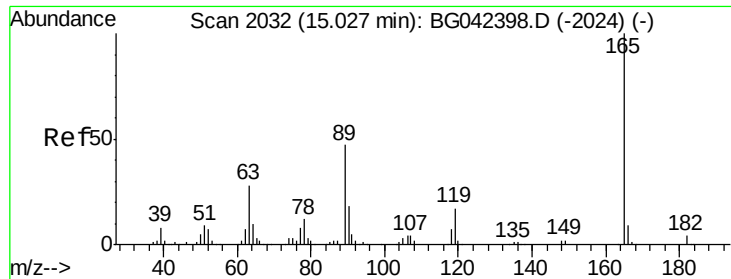


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

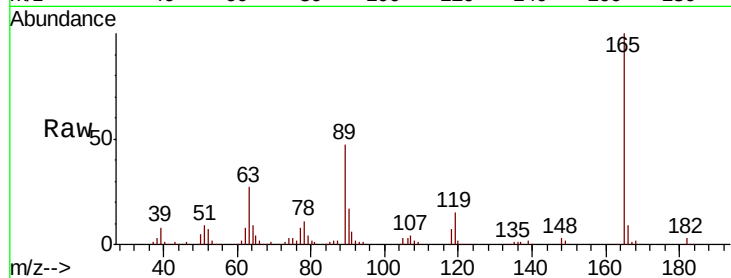




#57
2,4-Dinitrotoluene
Concen: 41.927 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	27.1	22.5	33.7
89	47.0	37.8	56.6
182	3.4	3.0	4.4



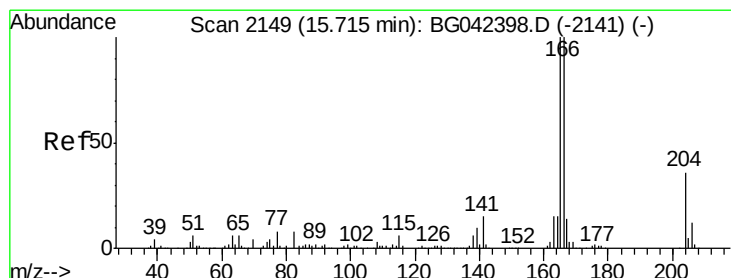
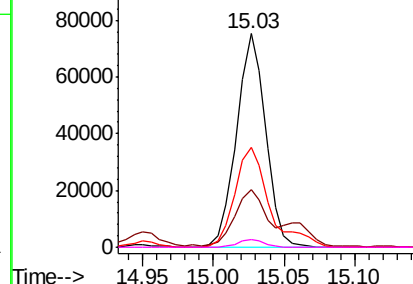
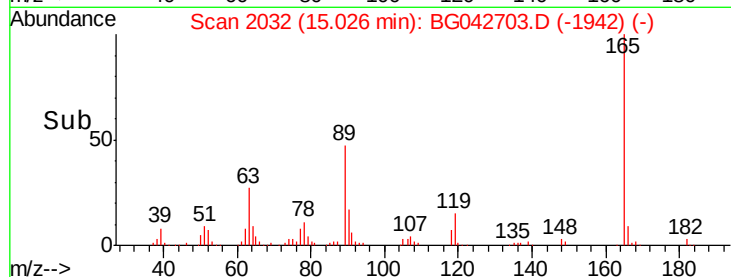
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

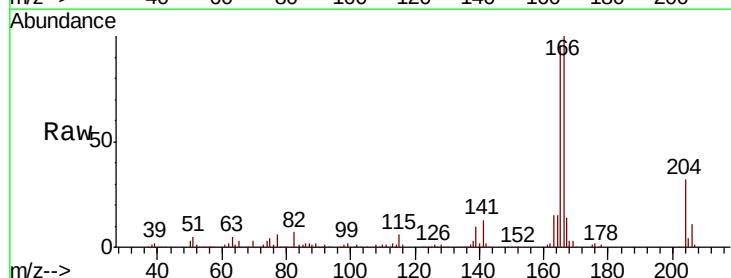
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.776 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.7	119.5
167	13.8	10.9	16.3

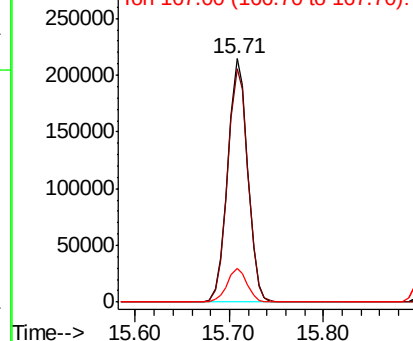
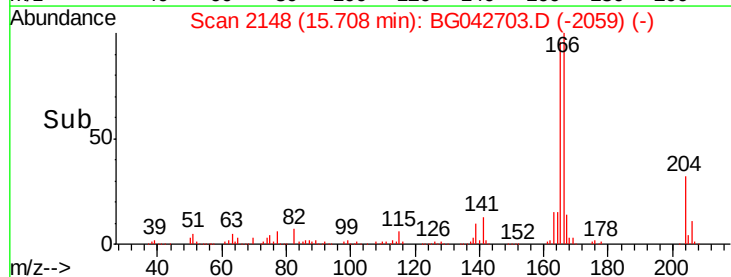


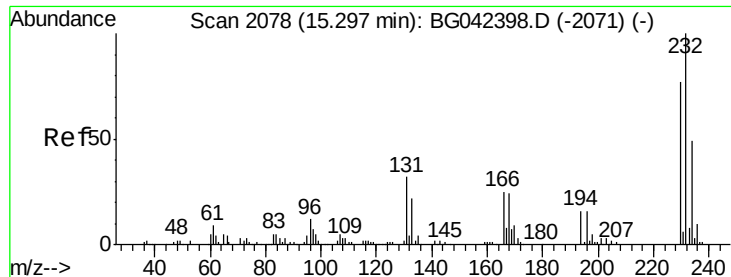
Abundance

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

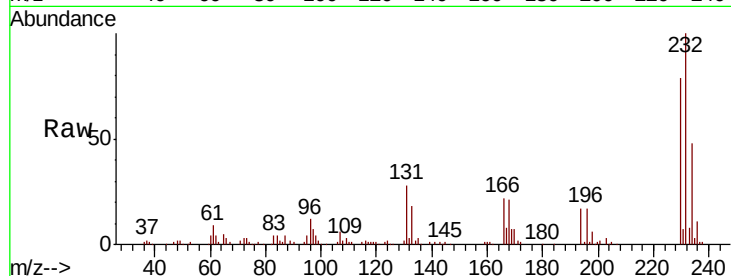




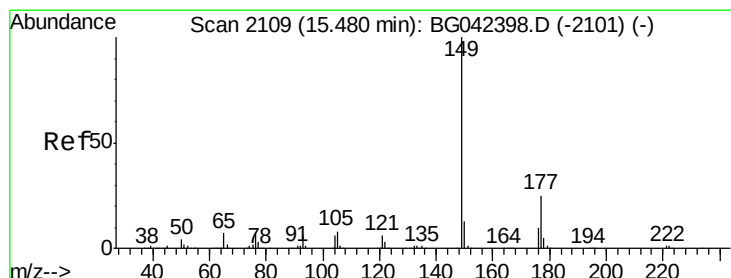
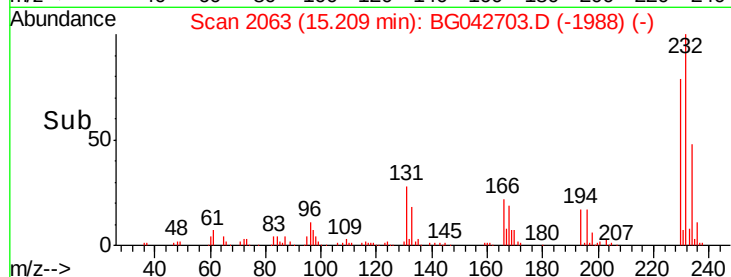
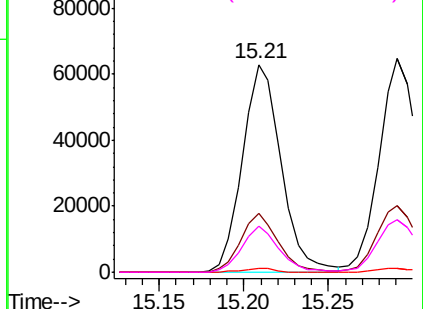
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.940 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.09 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:	232	Resp:	100521
Ion	Ratio	Lower	Upper
232	100		
131	27.3	22.9	34.3
130	1.7	1.4	2.0
166	21.0	17.0	25.4

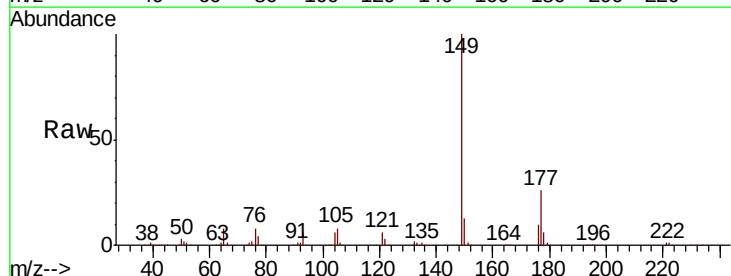


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

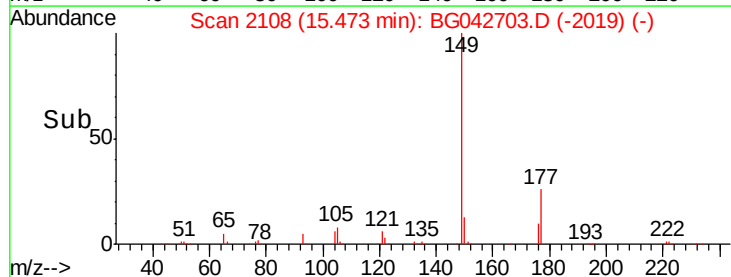
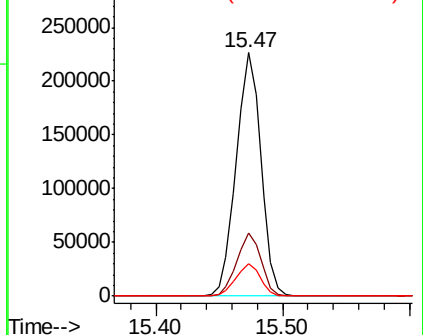


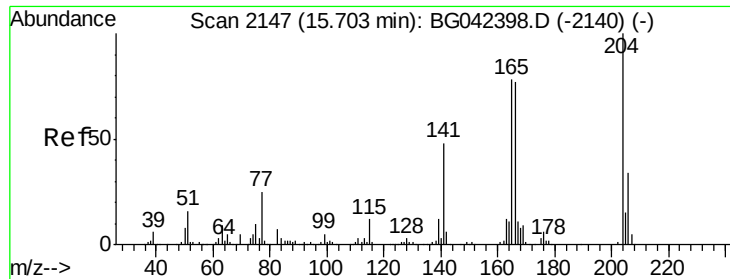
#60
Diethylphthalate
Concen: 40.077 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion:	149	Resp:	304564
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.4	30.6
150	13.4	10.3	15.5



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

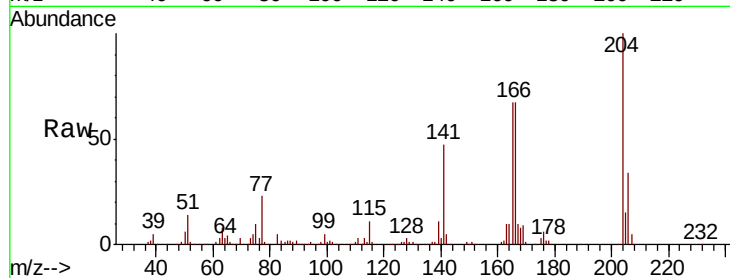




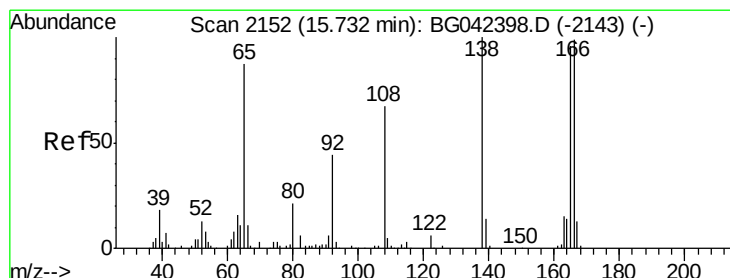
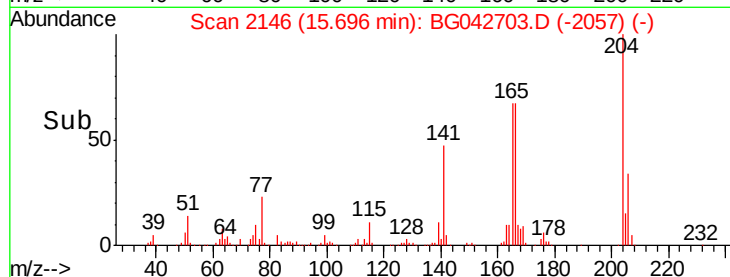
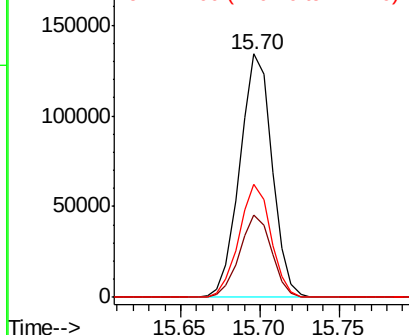
#61
 4-Chlorophenyl-phenylether
 Concen: 42.264 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 189123
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.2 40.8
 141 46.6 38.7 58.1

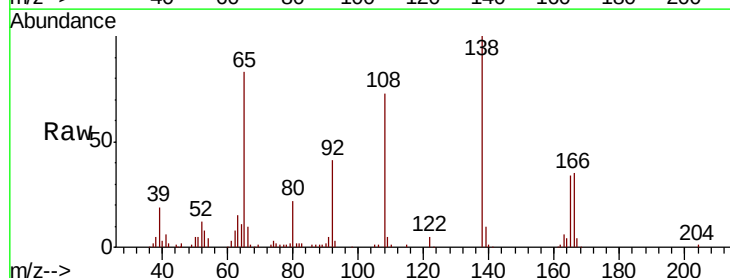


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

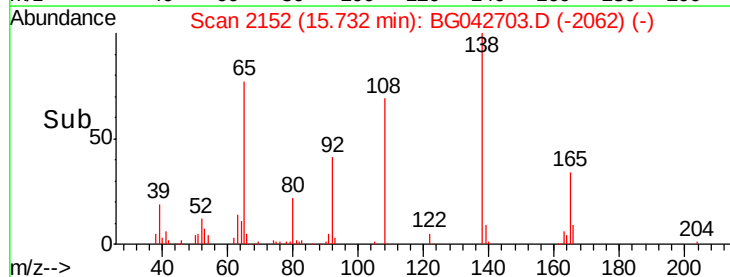
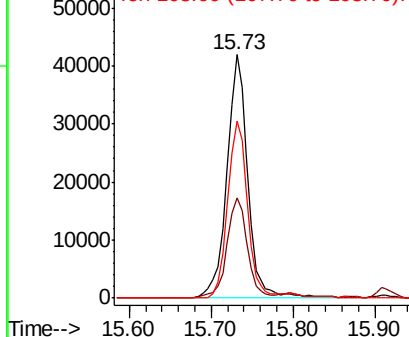


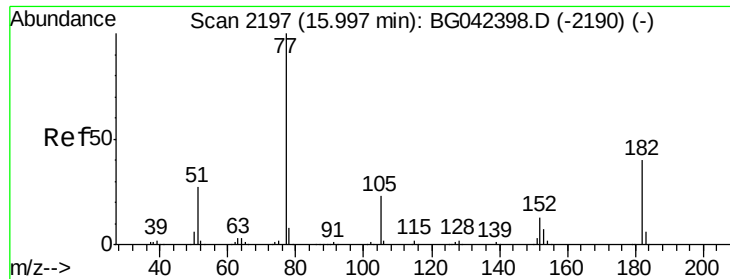
#62
 4-Nitroaniline
 Concen: 38.631 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion:138 Resp: 74510
 Ion Ratio Lower Upper
 138 100
 92 41.2 24.2 64.2
 108 72.6 46.8 86.8



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

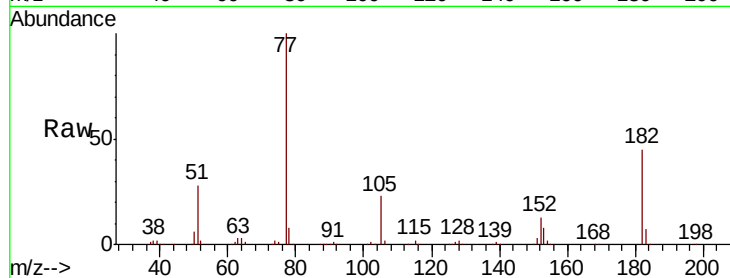




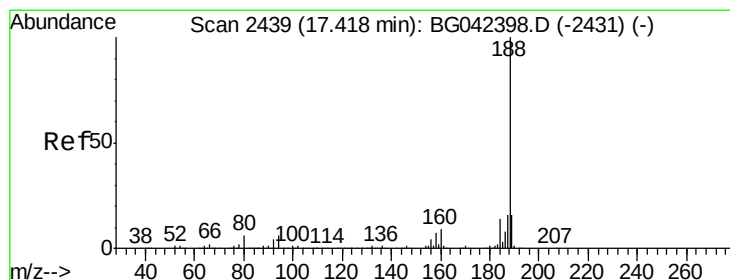
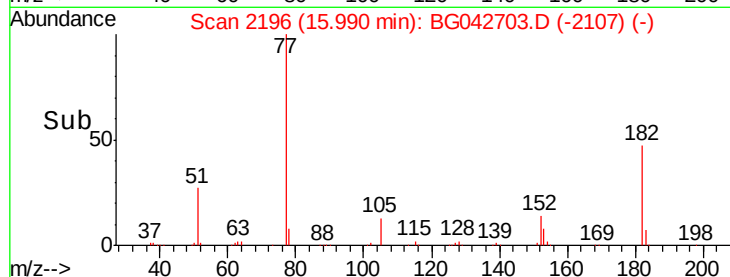
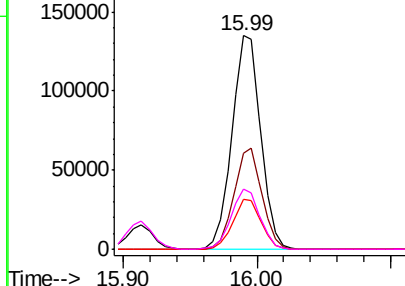
#63
Azobenzene
Concen: 38.763 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	201856
Ion	Ratio	Lower	Upper
77	100		
182	45.1	19.9	59.9
105	23.3	2.9	42.9
51	28.3	7.6	47.6

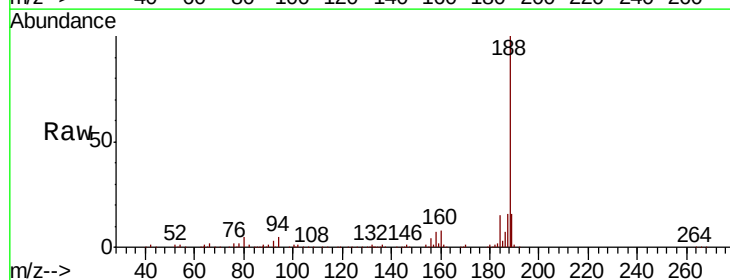


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

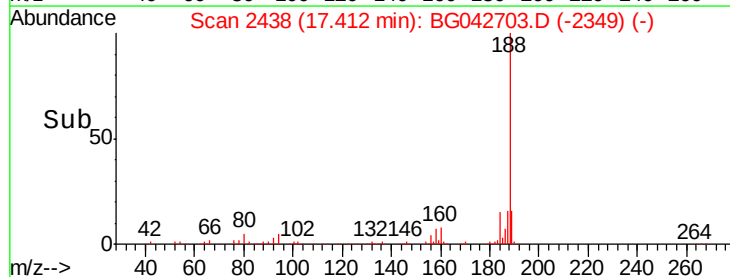
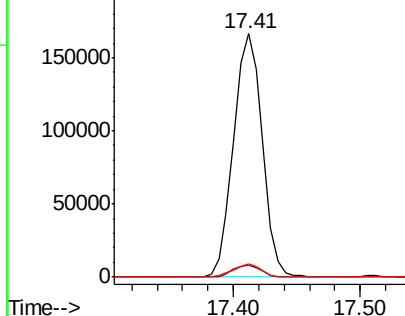


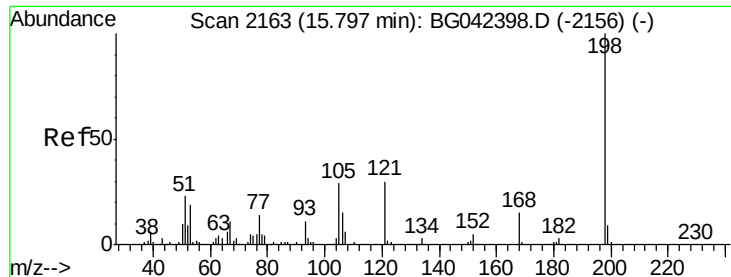
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion:	188	Resp:	259395
Ion	Ratio	Lower	Upper
188	100		
94	4.7	4.5	6.7
80	5.4	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: 40.469 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

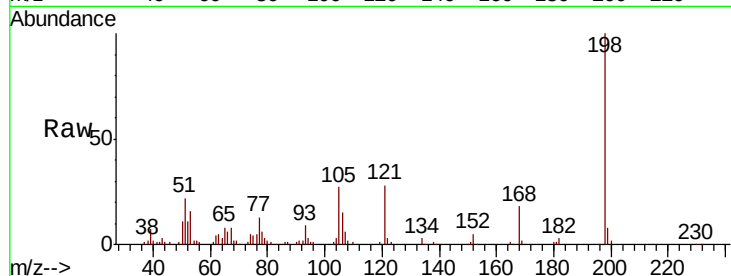
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 65814

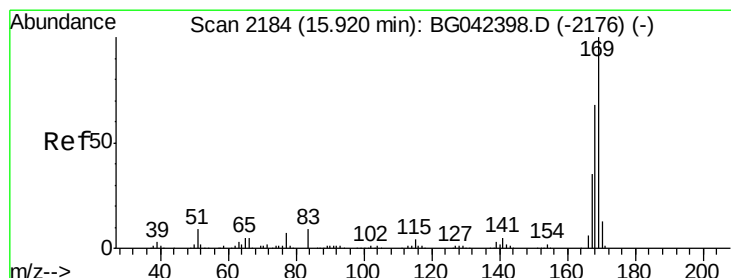
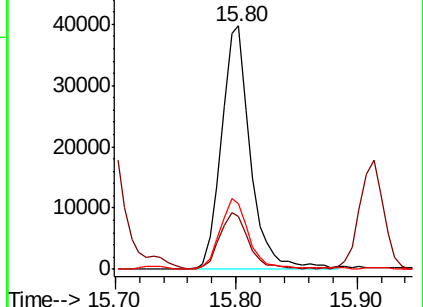
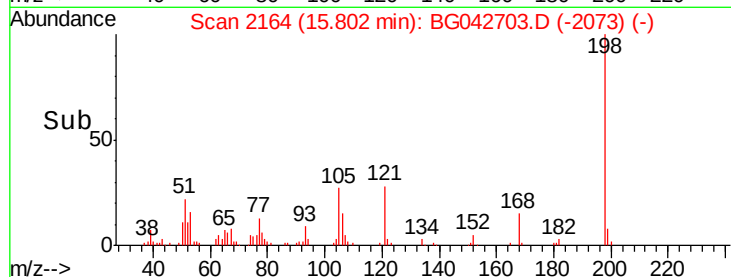
Ion	Ratio	Lower	Upper
198	100		
51	21.8	4.2	44.2
105	27.2	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG042703.D (-2073) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.393 ng

RT: 15.91 min Scan# 2183

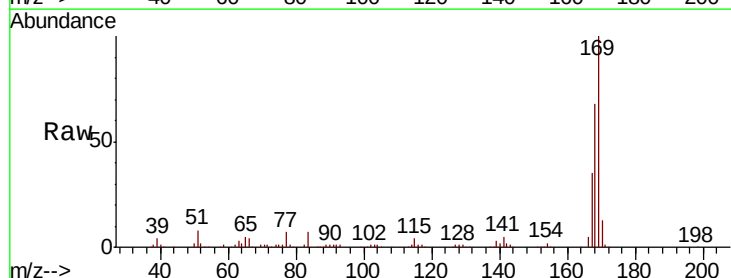
Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Tgt Ion:169 Resp: 295276

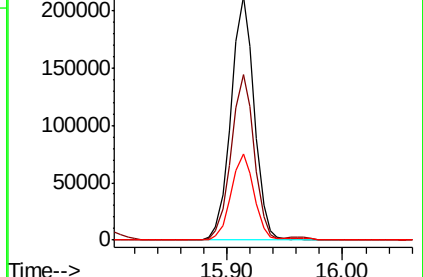
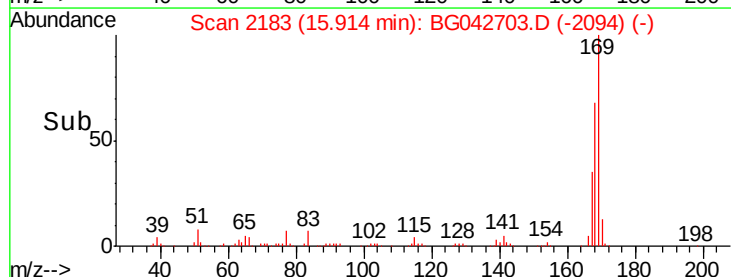
Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.3	81.5
167	35.2	28.2	42.2

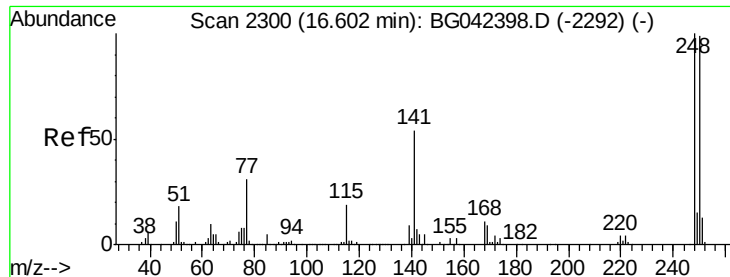


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

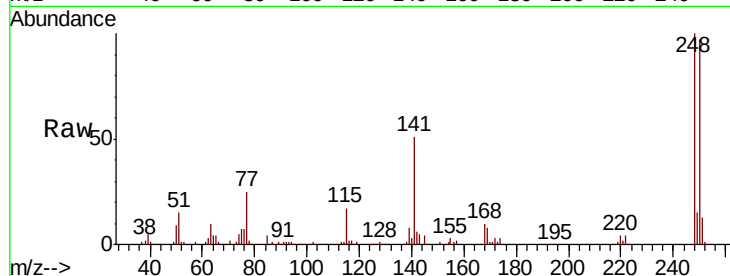




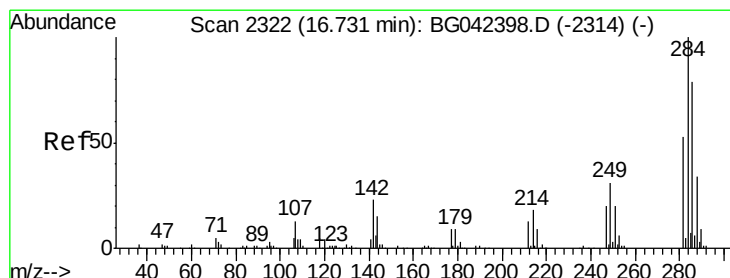
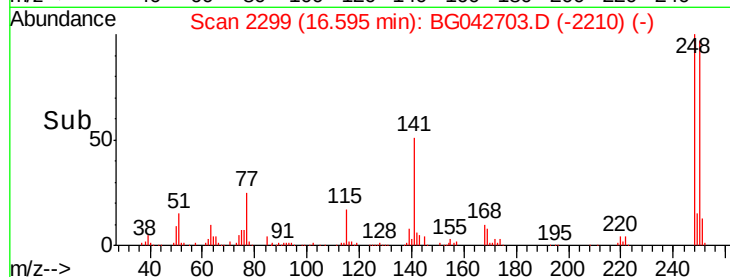
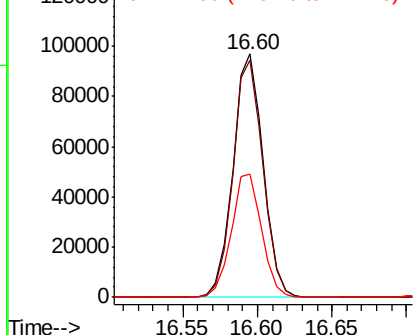
#67
 4-Bromophenyl-phenylether
 Concen: 41.359 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 136083
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.9 118.3
 141 50.7 43.3 64.9

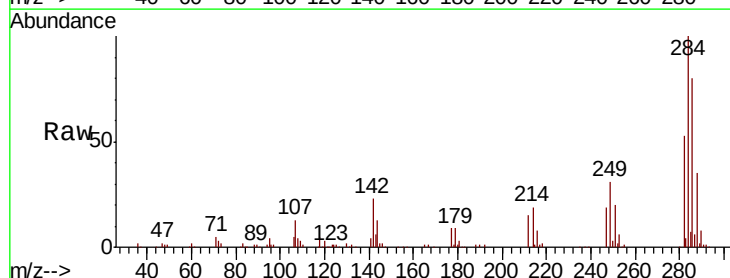


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

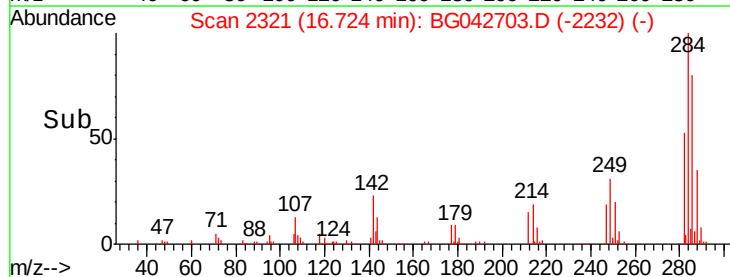
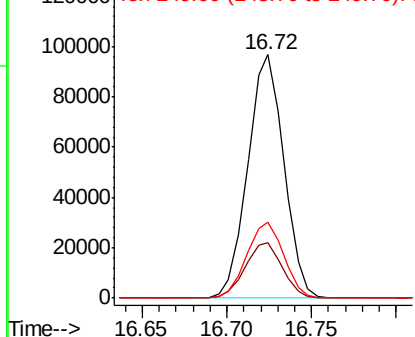


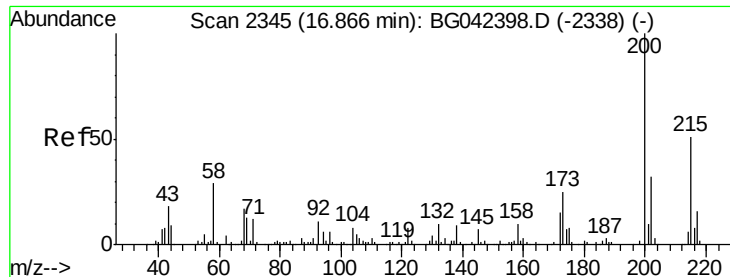
#68
 Hexachlorobenzene
 Concen: 40.268 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion:284 Resp: 144030
 Ion Ratio Lower Upper
 284 100
 142 22.8 18.2 27.4
 249 31.4 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.204 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

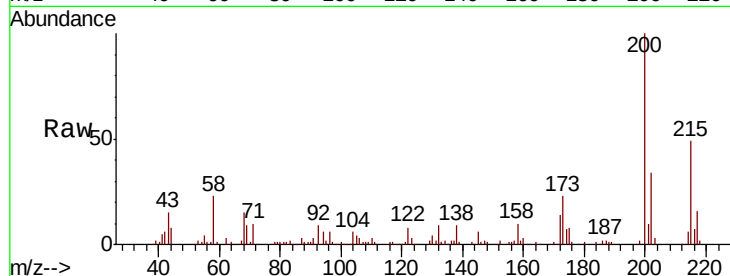
Tot Ion:200 Resp: 114033

Ion Ratio Lower Upper

200 100

173 23.2 4.9 44.9

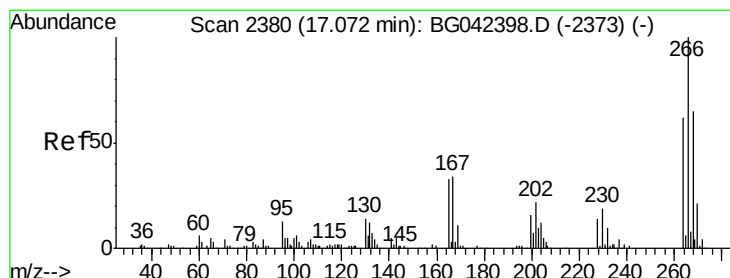
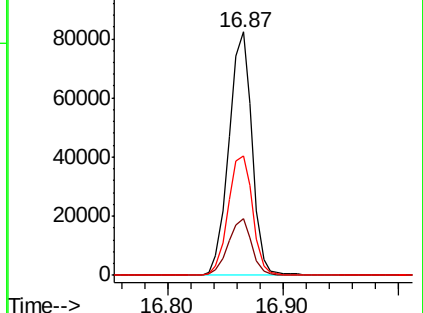
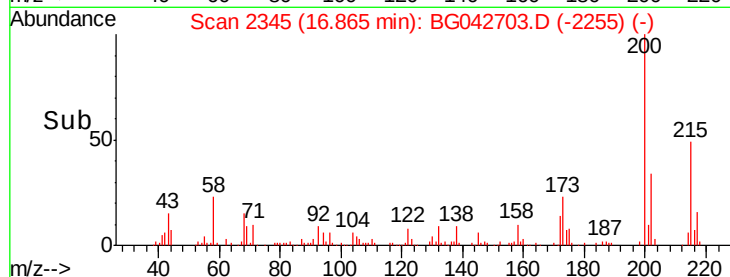
215 49.2 30.7 70.7



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: 80.469 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

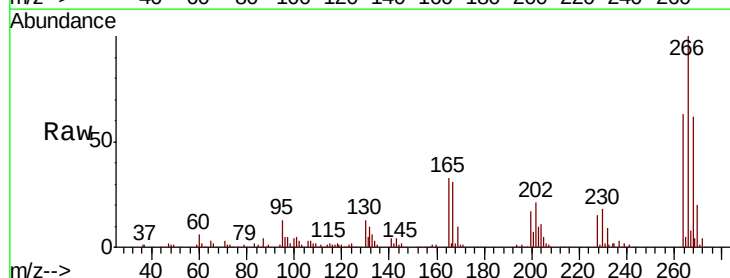
Tgt Ion:266 Resp: 149546

Ion Ratio Lower Upper

266 100

268 62.0 52.1 78.1

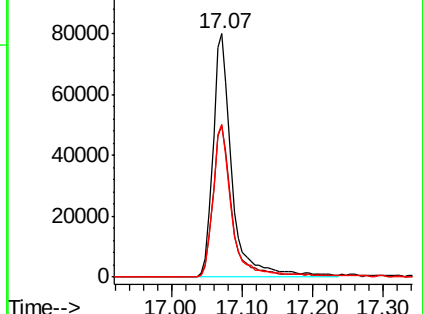
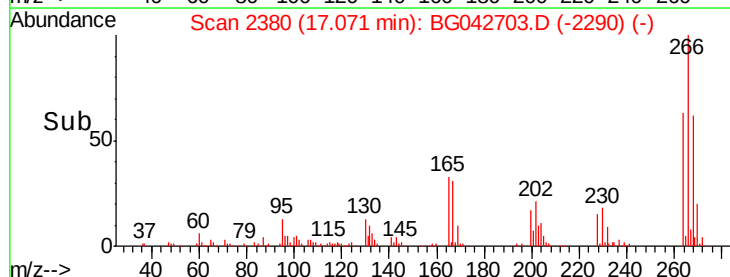
264 62.6 49.4 74.2

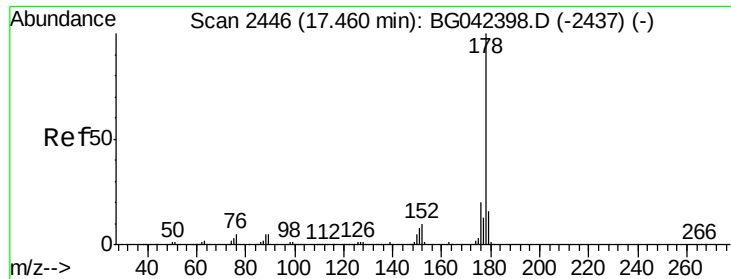


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

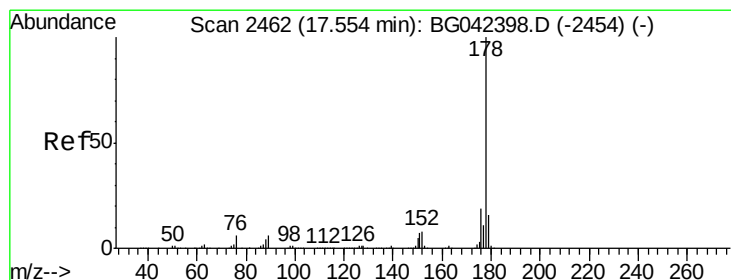
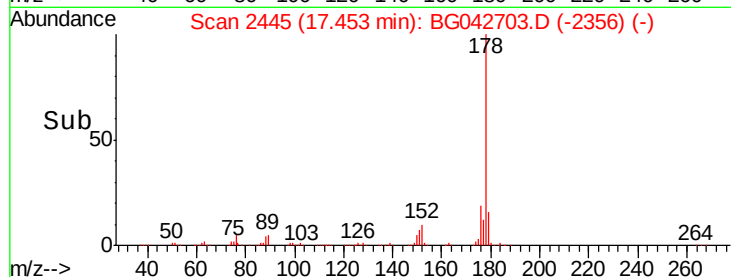
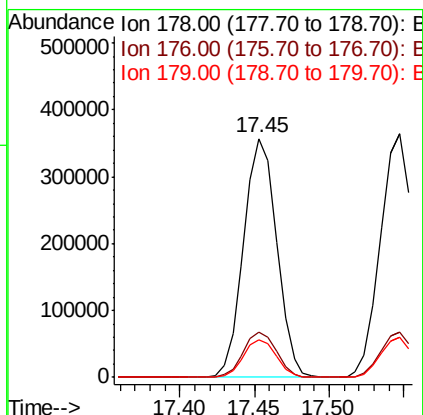
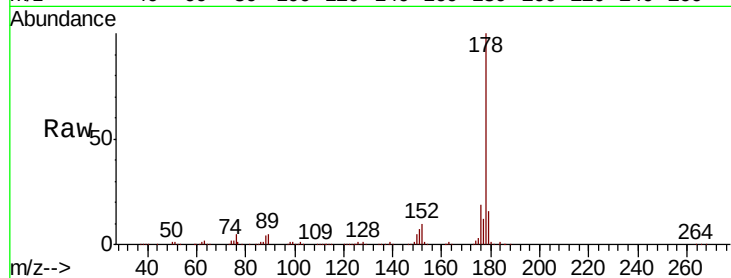




#71
Phenanthrene
Concen: 42.624 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

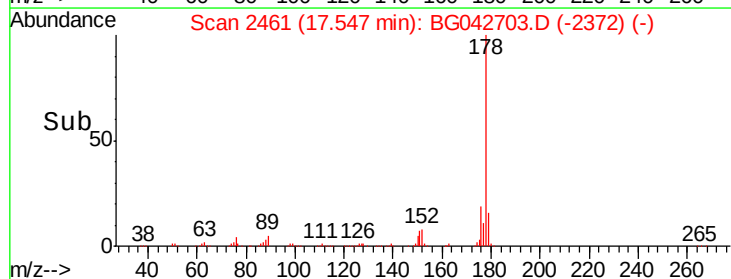
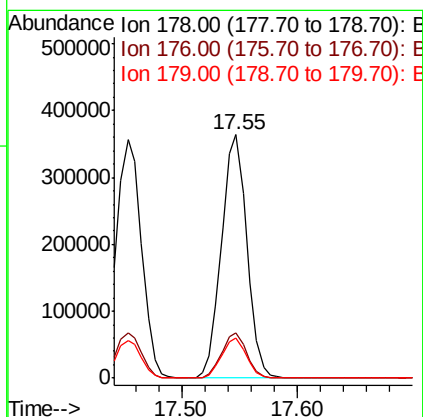
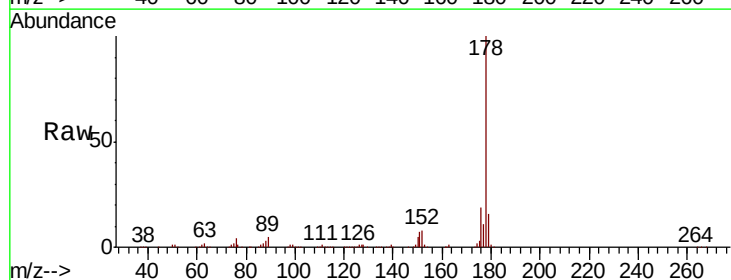
Instrument :
BNA_G
ClientSampleId :

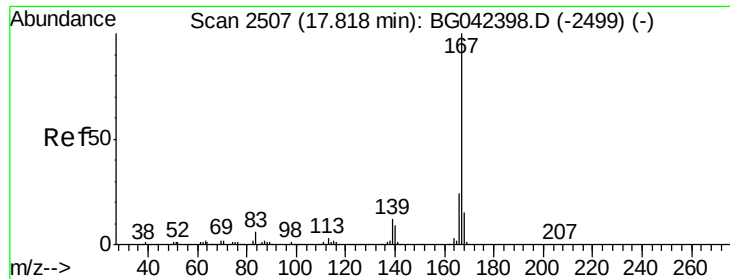
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.7	12.7	19.1



#72
Anthracene
Concen: 43.171 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	16.3	12.9	19.3

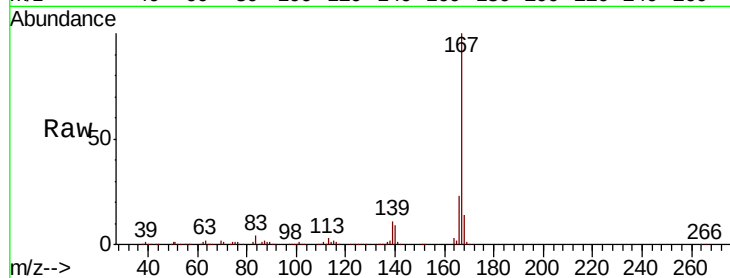




#73
 Carbazole
 Concen: 42.386 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.9	28.3
139	11.5	9.8	14.6

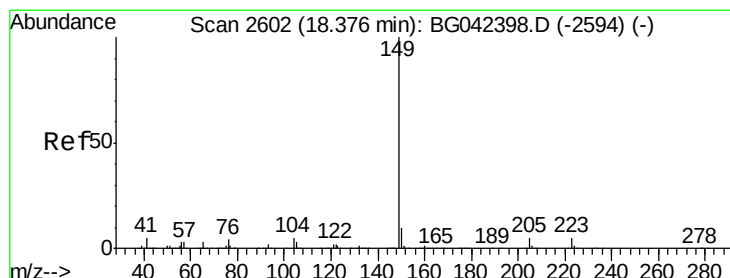
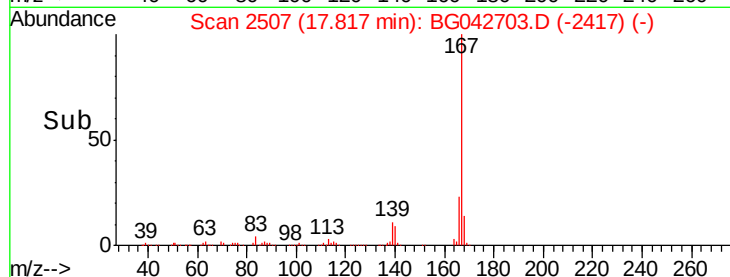
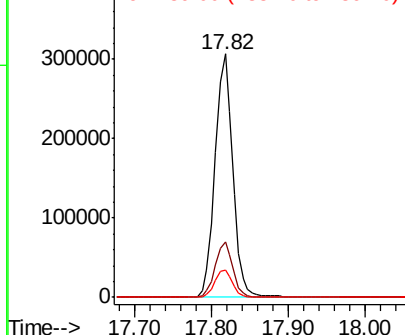


Abundance

Ion 167.00 (166.70 to 167.70): E

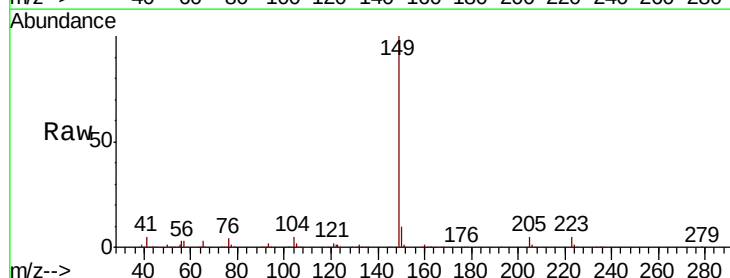
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.579 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	4.7	3.7	5.5

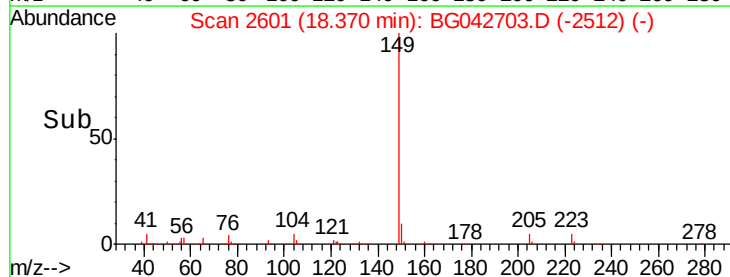
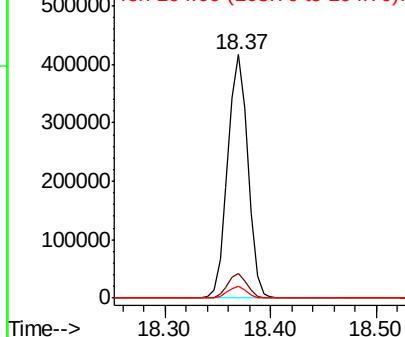


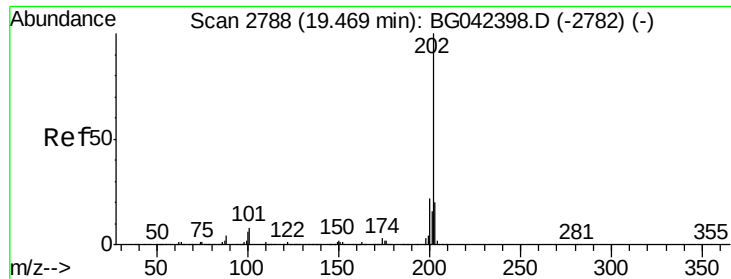
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.420 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042703.D

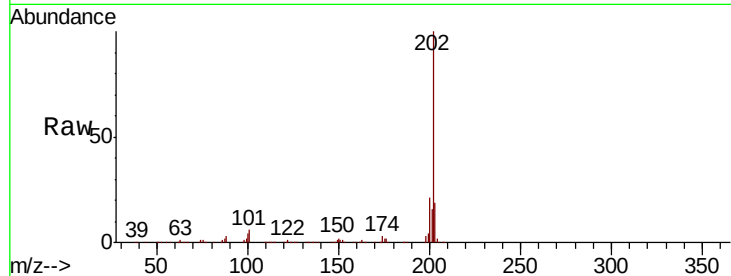
Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	698486
Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	28.3
203	18.5	0.0	39.6

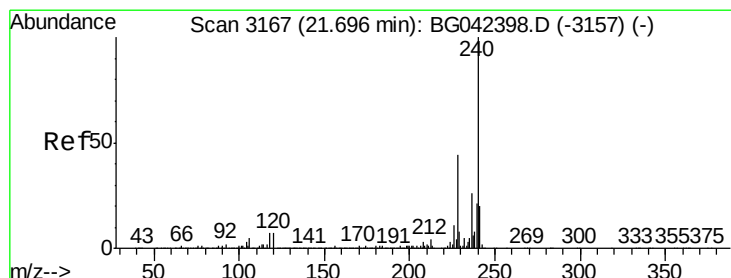
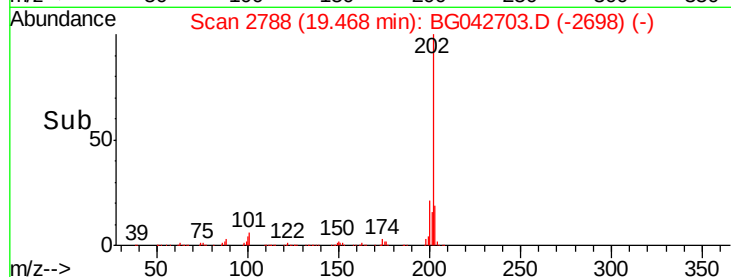
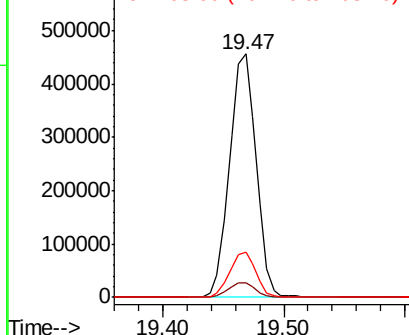


Abundance

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

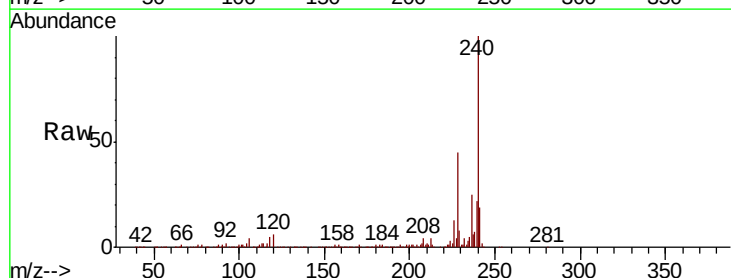
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Tgt Ion:	240	Resp:	276948
Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	25.3	21.0	31.4

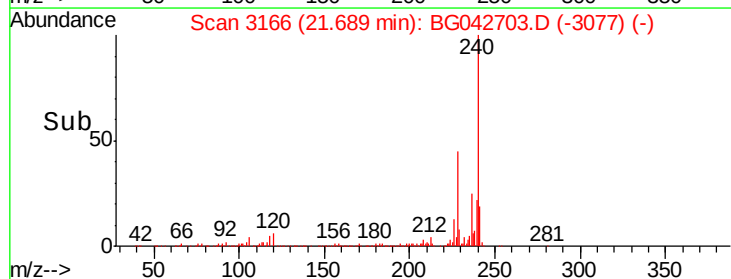
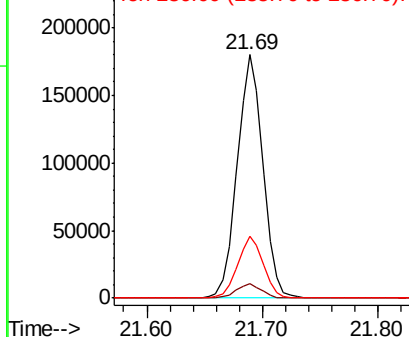


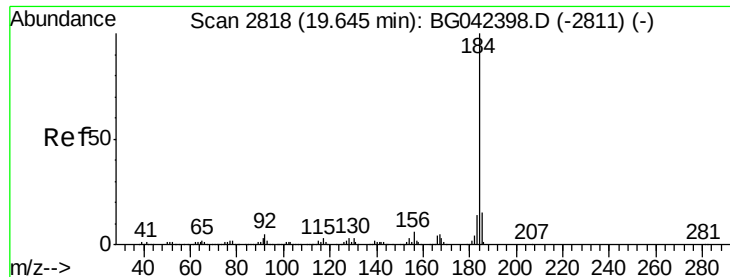
Abundance

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: 21.398 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

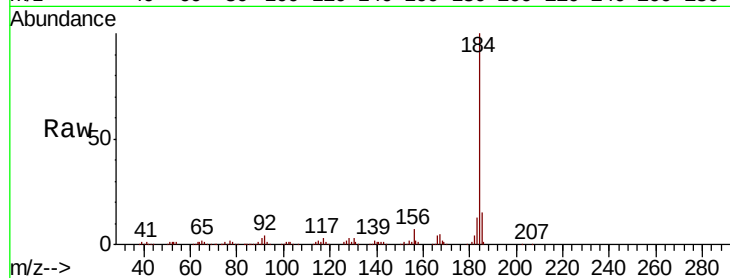
Tot Ion:184 Resp: 169906

Ion Ratio Lower Upper

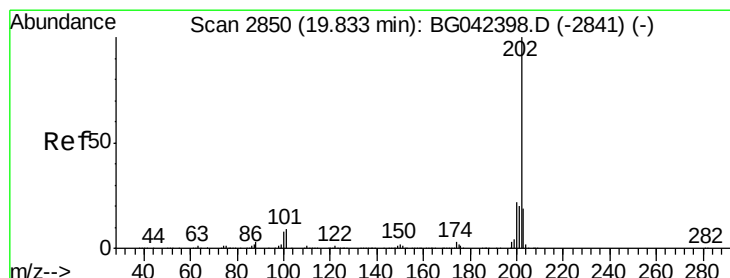
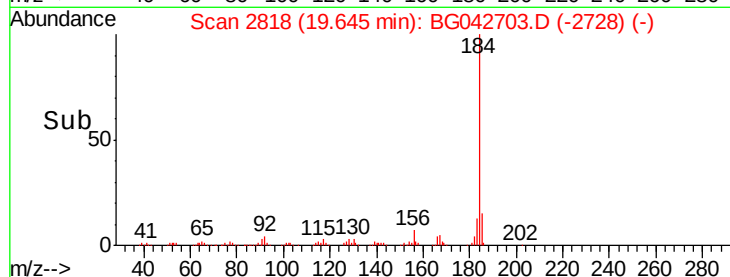
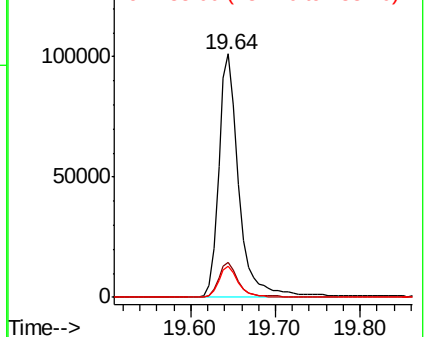
184 100

185 14.6 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: 41.972 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

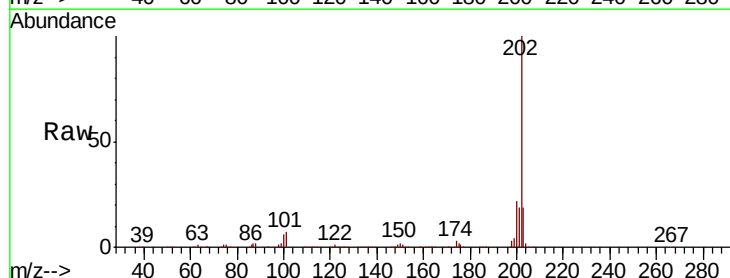
Tgt Ion:202 Resp: 712659

Ion Ratio Lower Upper

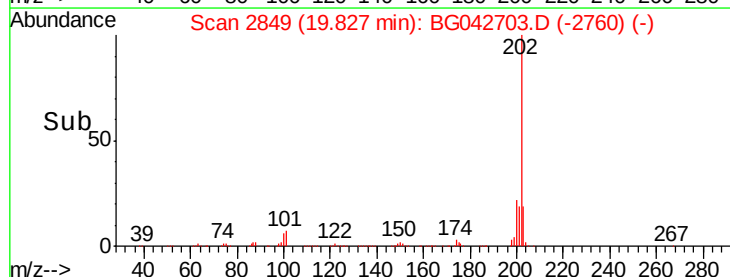
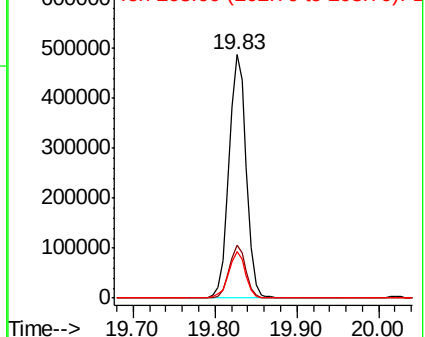
202 100

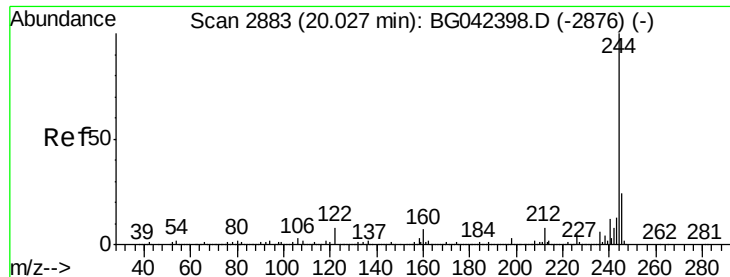
200 21.8 17.8 26.6

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: 87.263 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

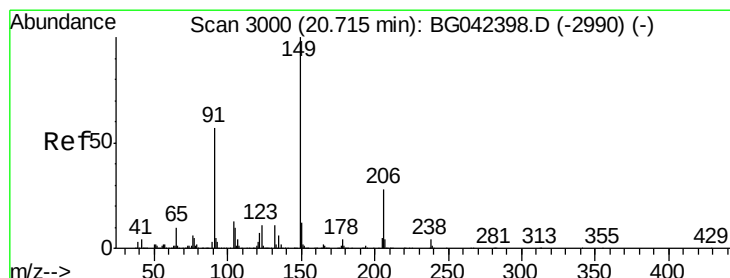
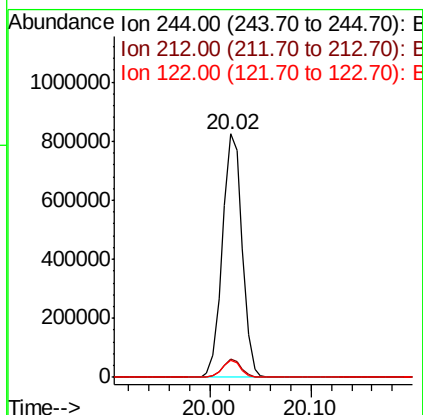
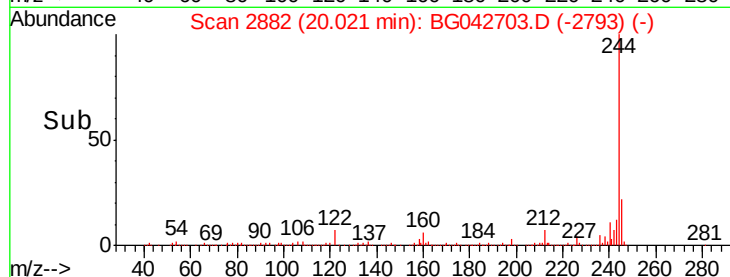
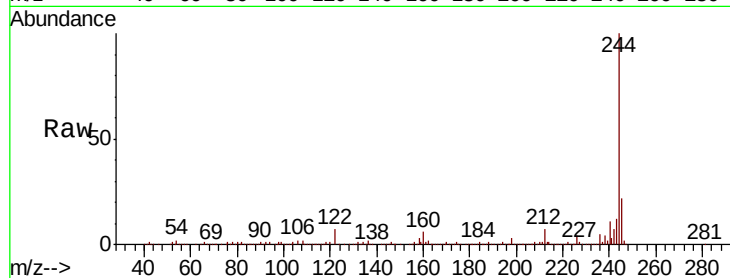
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1117862

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.1	6.7	10.1



#80

Butylbenzylphthalate

Concen: 37.612 ng

RT: 20.71 min Scan# 2999

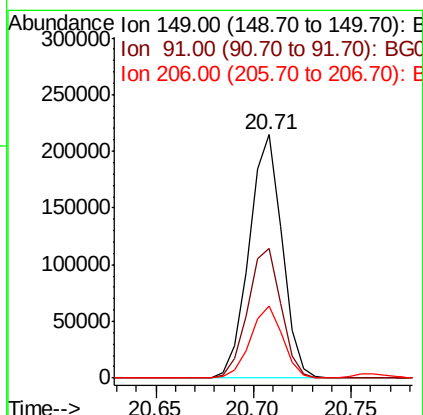
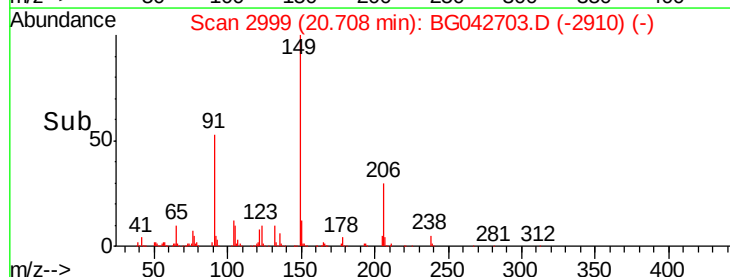
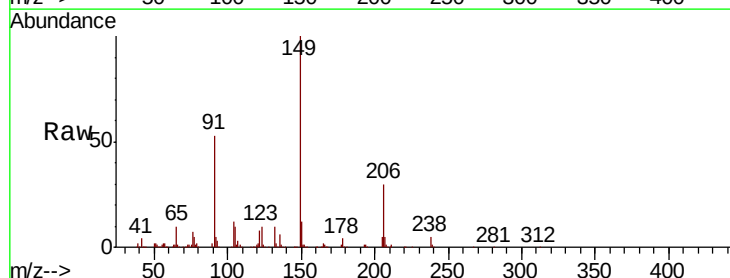
Delta R.T. -0.01 min

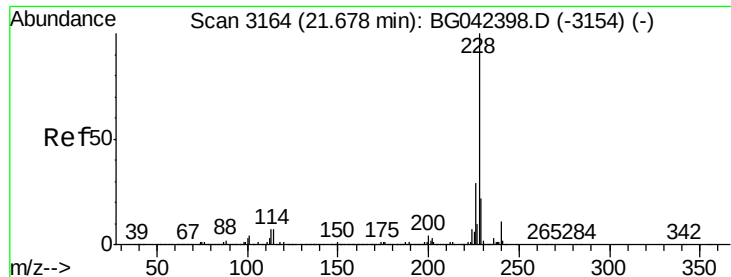
Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Tgt Ion:149 Resp: 251190

Ion	Ratio	Lower	Upper
149	100		
91	53.2	45.9	68.9
206	29.7	22.5	33.7





#81

Benzo(a)anthracene

Concen: 42.072 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampled :

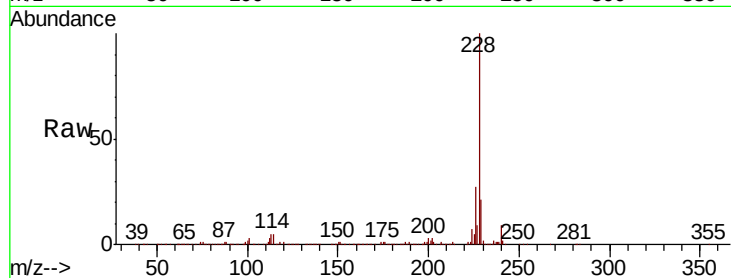
Tot Ion:228 Resp: 708794

Ion Ratio Lower Upper

228 100

226 27.3 23.4 35.2

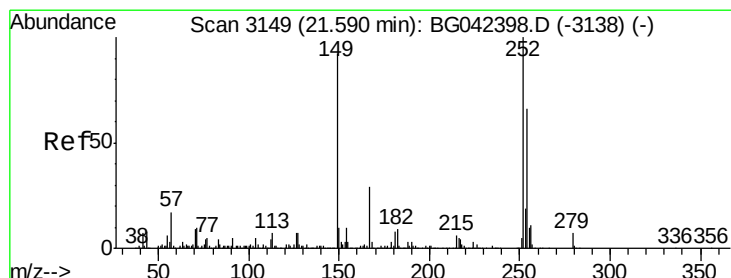
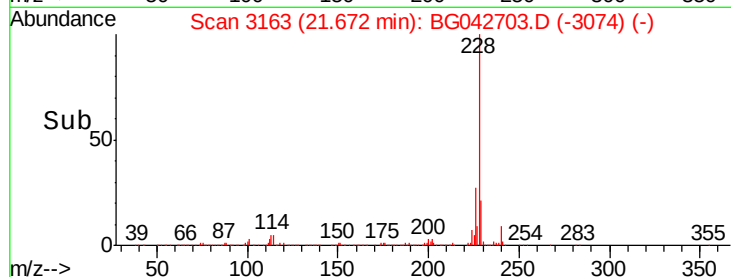
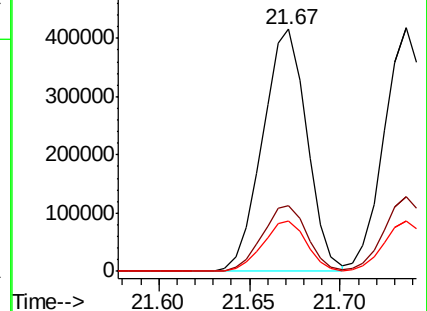
229 20.7 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.931 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

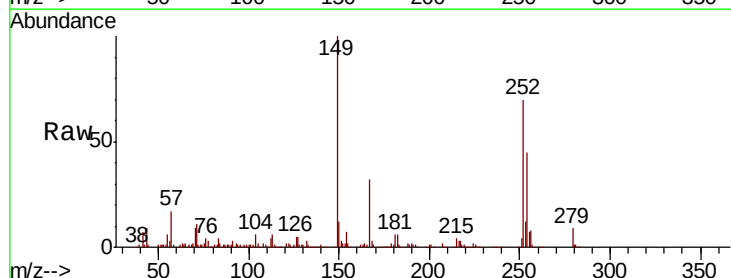
Tgt Ion:252 Resp: 162146

Ion Ratio Lower Upper

252 100

254 64.0 53.0 79.4

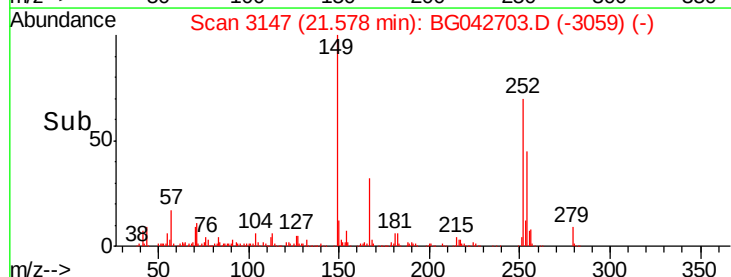
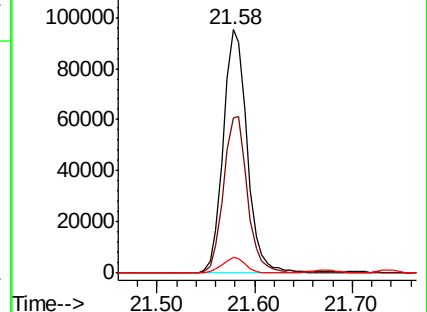
126 6.5 5.7 8.5

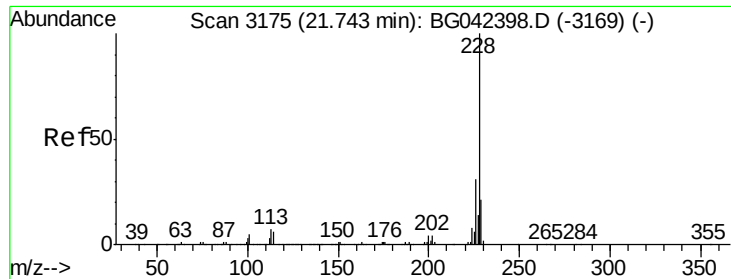


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

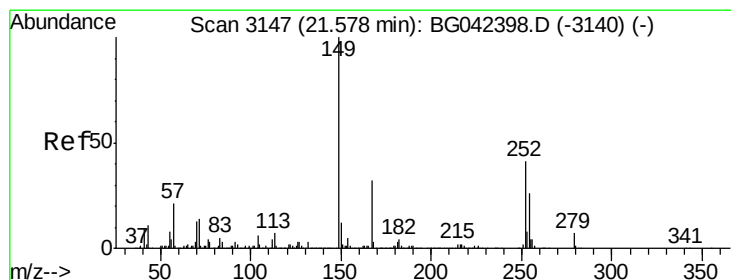
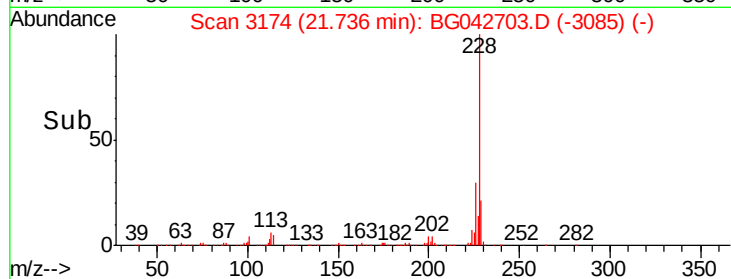
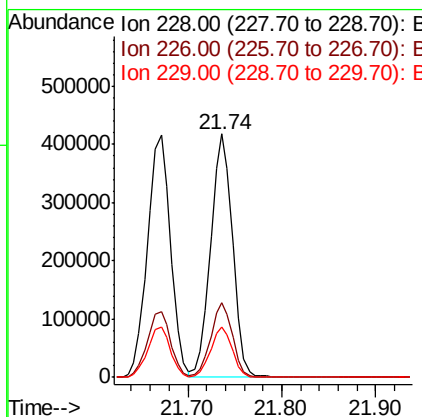
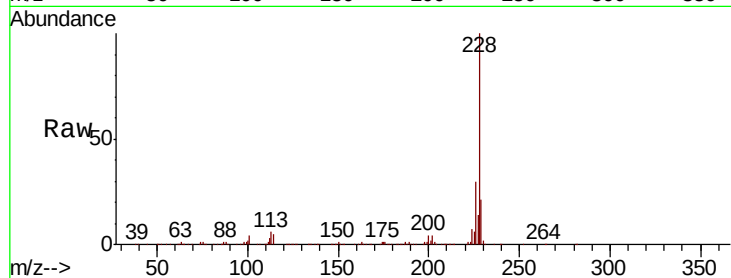




#83
 Chrysene
 Concen: 42.059 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

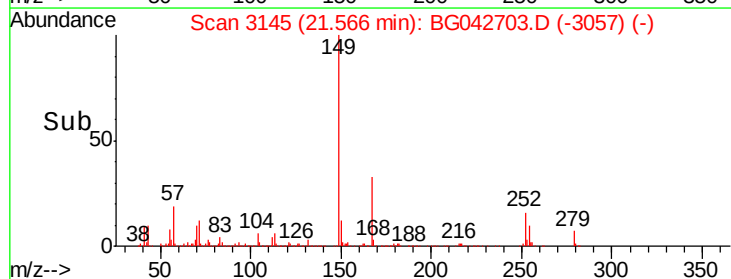
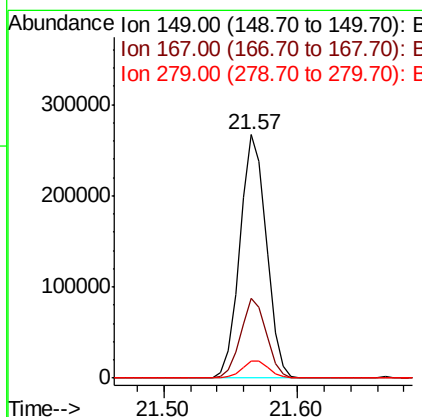
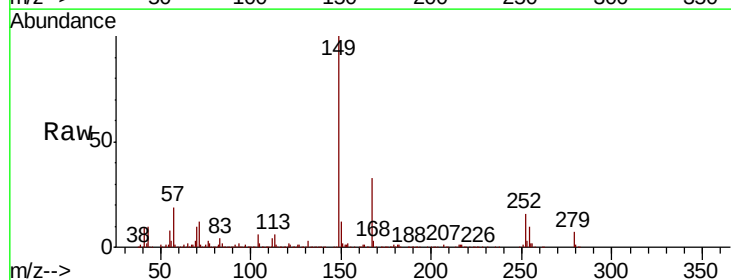
Instrument :
 BNA_G
 ClientSampled :

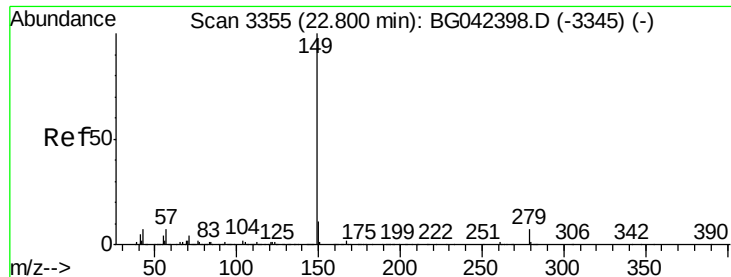
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.7	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.316 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042703.D
 Acq: 4 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.5	26.0	39.0
279	7.2	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 39.845 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

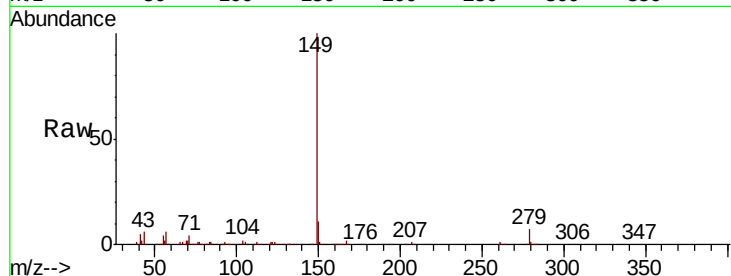
Tot Ion:149 Resp: 635446

Ion Ratio Lower Upper

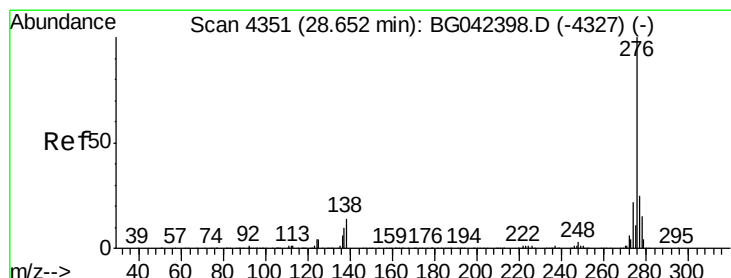
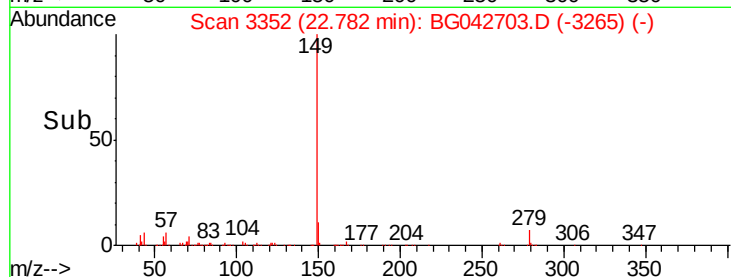
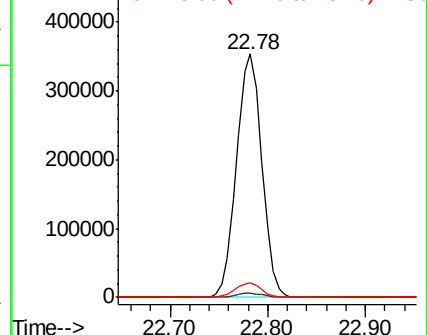
149 100

167 1.8 1.6 2.4

43 6.1 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: 39.424 ng

RT: 28.65 min Scan# 4351

Delta R.T. -0.00 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

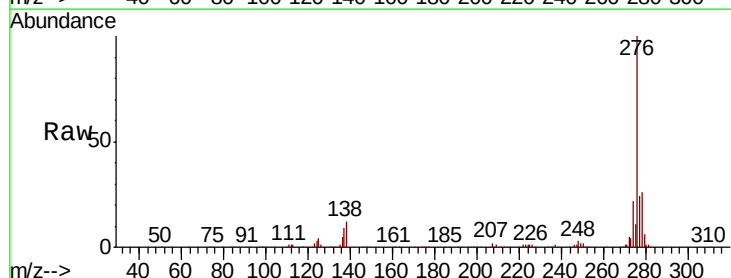
Tgt Ion:276 Resp: 870499

Ion Ratio Lower Upper

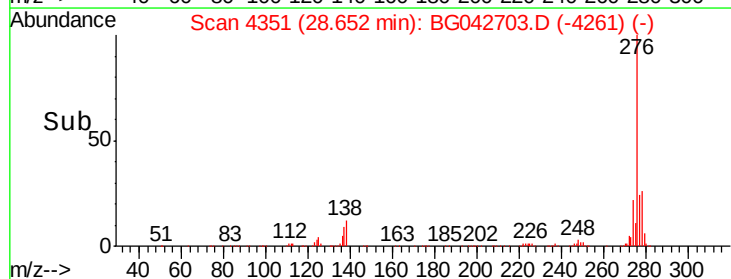
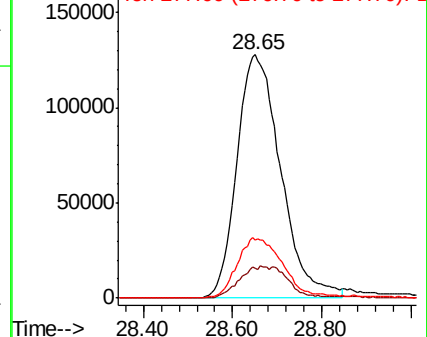
276 100

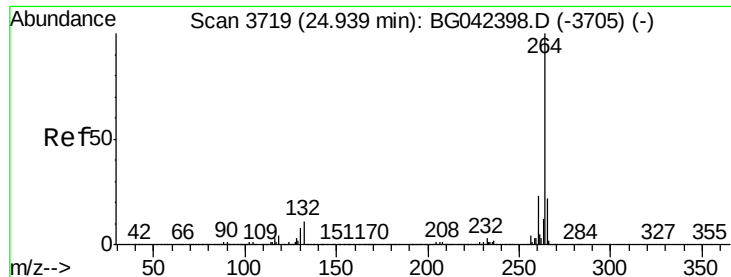
138 8.6 9.2 13.8#

277 25.2 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# 3718

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

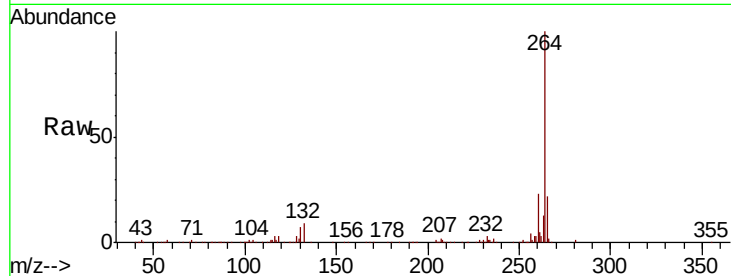
Tot Ion:264 Resp: 335253

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.1 17.6 26.4

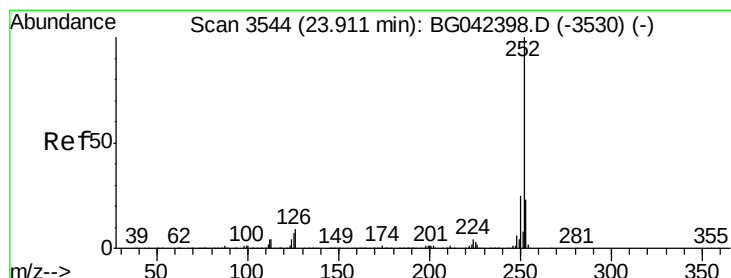
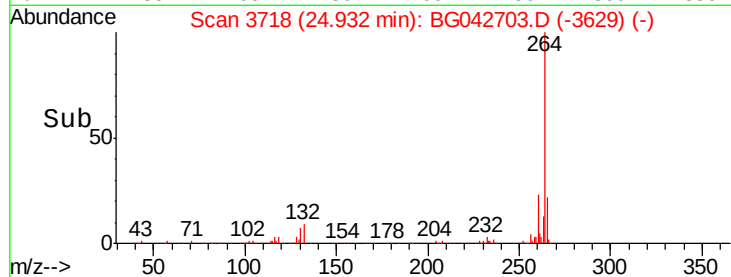
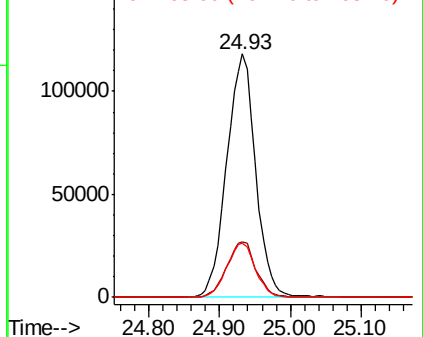


Abundance

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: 42.960 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

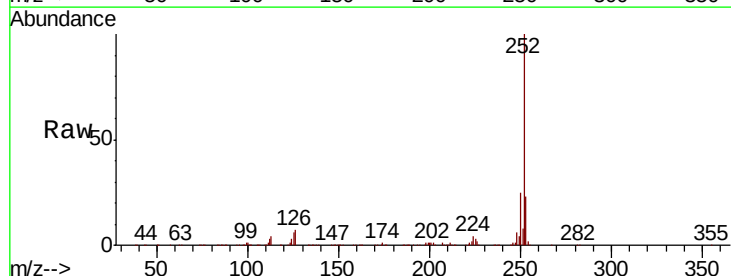
Tgt Ion:252 Resp: 791796

Ion Ratio Lower Upper

252 100

253 22.9 18.6 27.8

125 5.7 5.6 8.4

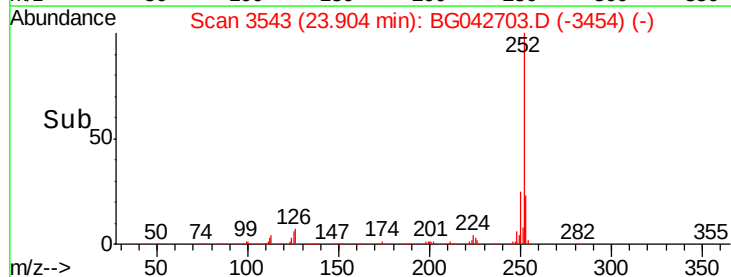
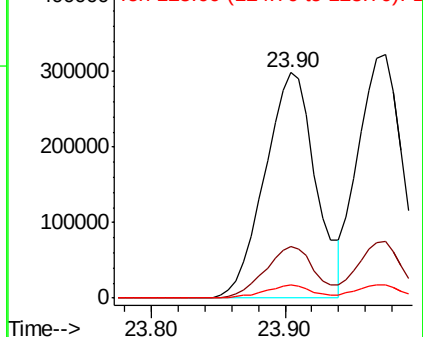


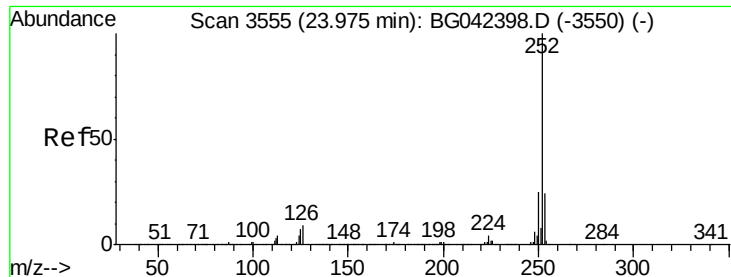
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.075 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

Instrument :

BNA_G

ClientSampleId :

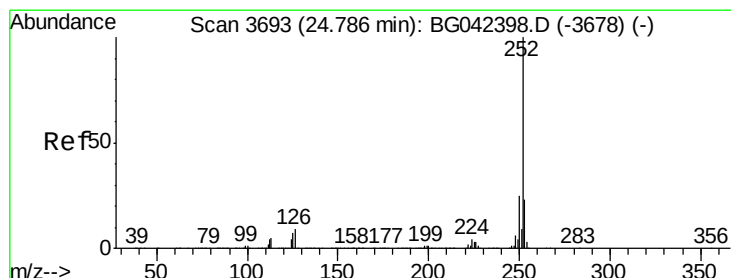
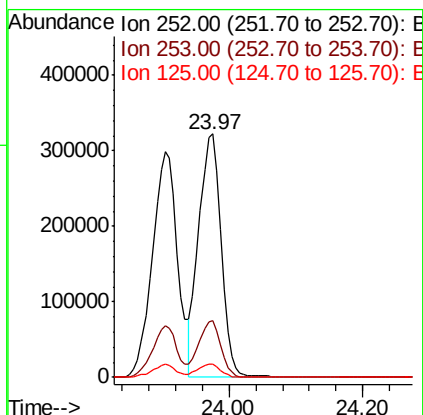
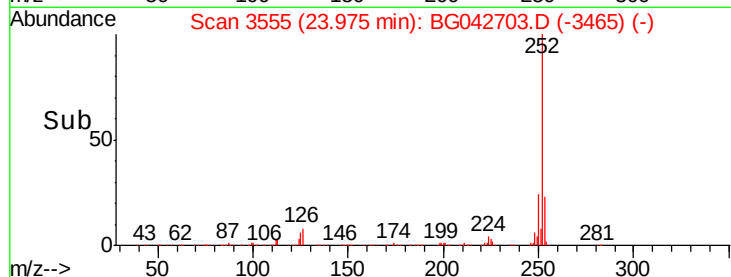
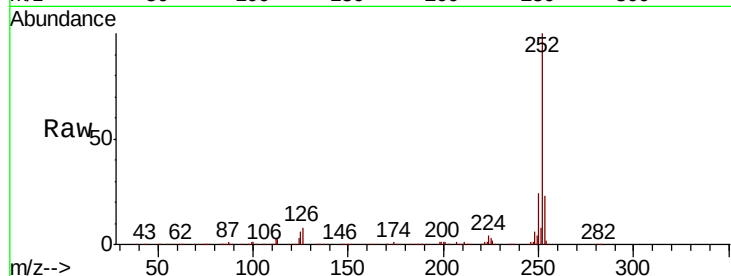
Tot Ion:252 Resp: 745403

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

125 5.6 5.8 8.6#



#90

Benzo(a)pyrene

Concen: 44.171 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042703.D

Acq: 4 Sep 2019 12:14

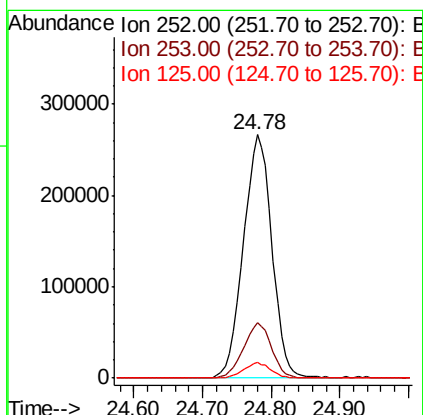
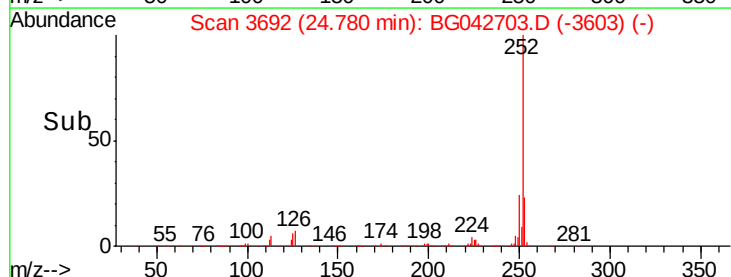
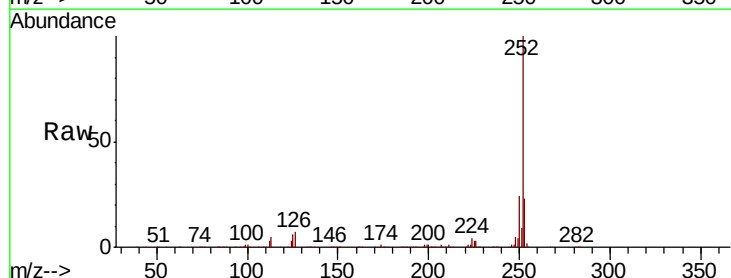
Tgt Ion:252 Resp: 772533

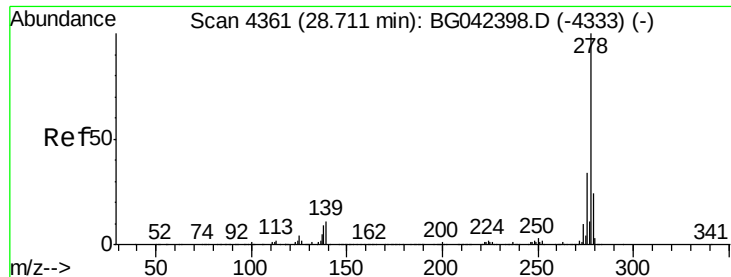
Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

125 6.4 6.0 9.0

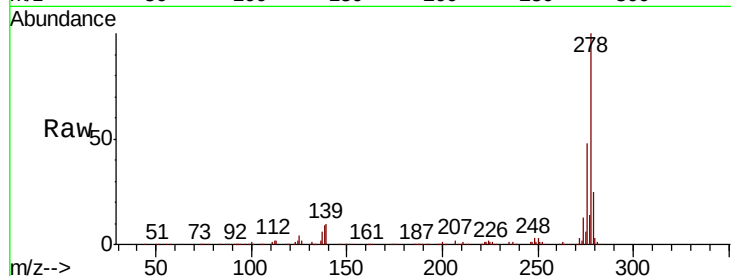




#91
Dibenzo(a,h)anthracene
Concen: 41.679 ng
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.8	13.2
279	24.5	19.1	28.7

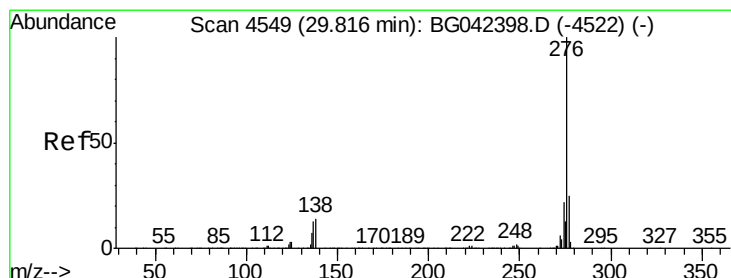
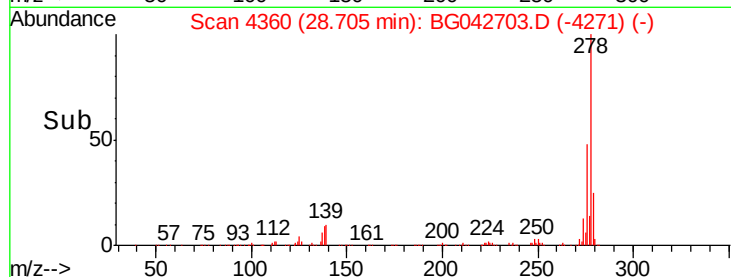
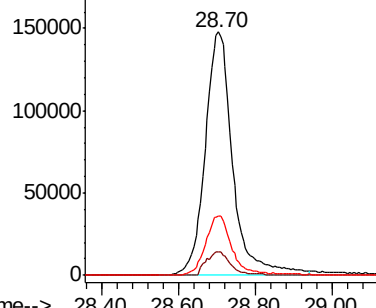


Abundance

Ion 278.00 (277.70 to 278.70): E

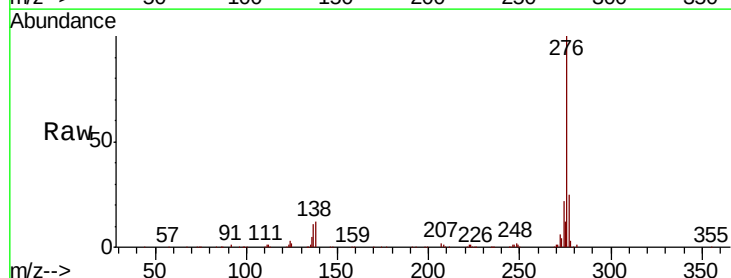
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.959 ng
RT: 29.81 min Scan# 4548
Delta R.T. -0.01 min
Lab File: BG042703.D
Acq: 4 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	12.1	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

