

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042601.D
 Acq On : 30 Aug 2019 15:26
 Operator : HP/JU
 Sample : K4471-16MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 30 16:17:55 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	34858	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	132474	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	101431	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	240511	20.00	ng	0.00
76) Chrysene-d12	21.69	240	256811	20.00	ng	0.00
87) Perylene-d12	24.92	264	312145	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	252924	146.95	ng	0.00
7) Phenol-d6	7.17	99	338129	145.44	ng	0.00
23) Nitrobenzene-d5	9.17	82	188576	98.37	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	221917	153.93	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	523909	87.36	ng	0.00
79) Terphenyl-d14	20.02	244	976625	82.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	25597	35.637	ng	97
3) Pyridine	3.82	79	60464	32.829	ng	97
4) n-Nitrosodimethylamine	3.74	42	32281	49.072	ng	92
6) Aniline	7.31	93	105878	34.145	ng	99
8) 2-Chlorophenol	7.56	128	106934	51.265	ng	100
9) Benzaldehyde	7.13	77	58373	50.152	ng	98
10) Phenol	7.19	94	128046	54.170	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	81878	44.105	ng	99
12) 1,3-Dichlorobenzene	7.88	146	117195	44.166	ng	99
13) 1,4-Dichlorobenzene	8.03	146	121685	45.273	ng	97
14) 1,2-Dichlorobenzene	8.35	146	114589	44.518	ng	97
15) Benzyl Alcohol	8.24	79	81088	48.480	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	104638	41.586	ng	99
17) 2-Methylphenol	8.45	107	84910	48.769	ng	94
18) Hexachloroethane	9.09	117	38441	41.777	ng	91
19) n-Nitroso-di-n-propylamine	8.81	70	64891	43.083	ng	96
20) 3+4-Methylphenols	8.78	107	115413	47.905	ng	99
22) Acetophenone	8.82	105	146859	51.832	ng	# 98
24) Nitrobenzene	9.21	77	98112	50.540	ng	98
25) Isophorone	9.74	82	184778	48.840	ng	98
26) 2-Nitrophenol	9.92	139	64678	53.166	ng	95
27) 2,4-Dimethylphenol	9.99	122	99847	59.583	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	114854	48.166	ng	99
29) 2,4-Dichlorophenol	10.47	162	123172	56.179	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	136424	50.694	ng	97
31) Naphthalene	10.87	128	311996	50.728	ng	99
32) Benzoic acid	9.99	122	99847	76.295	ng	# 16
33) 4-Chloroaniline	10.98	127	85020	29.945	ng	98
34) Hexachlorobutadiene	11.16	225	89503	49.487	ng	99
35) Caprolactam	11.76	113	19318	26.406	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	110843	53.256	ng	97
37) 2-Methylnaphthalene	12.48	142	252581	51.145	ng	99
38) 1-Methylnaphthalene	12.70	142	236556	50.428	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	172221	52.872	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	159457	93.194	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	114971	52.219	nq	95
44) 2,4,5-Trichlorophenol	13.17	196	124883	54.734	nq	98
46) 1,1'-Biphenyl	13.49	154	335067	51.104	nq	97
47) 2-Chloronaphthalene	13.53	162	278435	49.250	nq	98
48) 2-Nitroaniline	13.74	65	63977	46.928	nq	94
49) Acenaphthylene	14.38	152	434647	51.102	nq	98
50) Dimethylphthalate	14.11	163	420978	57.521	nq	99
51) 2,6-Dinitrotoluene	14.23	165	87609	51.644	nq	96
52) Acenaphthene	14.72	154	252448	48.880	nq	99
53) 3-Nitroaniline	14.56	138	60114	35.433	nq	99
54) 2,4-Dinitrophenol	14.78	184	43553	41.367	nq	97
55) Dibenzofuran	15.06	168	438799	51.327	nq	99
56) 4-Nitrophenol	14.89	139	128469	106.566	nq	96
57) 2,4-Dinitrotoluene	15.02	165	126071	51.898	nq	98
58) Fluorene	15.71	166	354642	50.748	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	128000	56.729	nq	94
60) Diethylphthalate	15.48	149	351921	49.190	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	213042	50.572	nq	97
62) 4-Nitroaniline	15.73	138	86769	47.787	nq	94
63) Azobenzene	15.99	77	232076	47.340	nq	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	71494	47.413	nq	100
66) n-Nitrosodiphenylamine	15.91	169	335388	50.707	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	151857	49.777	nq	99
68) Hexachlorobenzene	16.72	284	158957	47.931	nq	97
69) Atrazine	16.86	200	129873	55.525	nq	97
70) Pentachlorophenol	17.07	266	185028	107.379	nq	99
71) Phenanthrene	17.46	178	624781	52.298	nq	99
72) Anthracene	17.54	178	628694	52.715	nq	99
73) Carbazole	17.81	167	559077	52.598	nq	98
74) Di-n-butylphthalate	18.37	149	619423	49.299	nq	100
75) Fluoranthene	19.47	202	817587	56.076	nq	97
77) Benzidine	19.64	184	459312	62.382	nq	98
78) Pyrene	19.82	202	802547	50.972	nq	100
80) Butylbenzylphthalate	20.71	149	289633	46.769	nq	98
81) Benzo(a)anthracene	21.67	228	784102	50.191	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	270994	43.131	nq	97
83) Chrysene	21.73	228	759165	50.388	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	412582	47.984	nq	99
85) Di-n-octyl phthalate	22.79	149	723777	48.942	nq	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1010923	49.374	nq	# 97
88) Benzo(b)fluoranthene	23.90	252	858581	50.032	nq	99
89) Benzo(k)fluoranthene	23.97	252	860801	52.186	nq	98
90) Benzo(a)pyrene	24.78	252	850114	52.206	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	835212	50.657	nq	99
92) Benzo(g,h,i)perylene	29.80	276	843278	51.139	nq	97

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

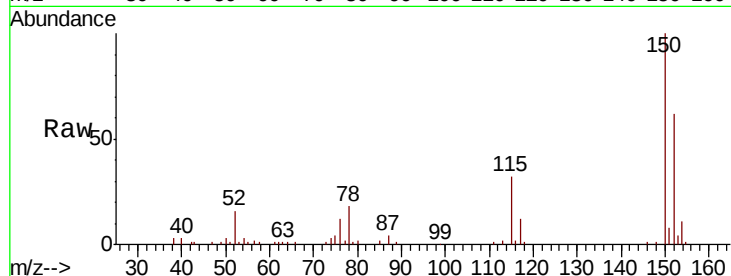


#1

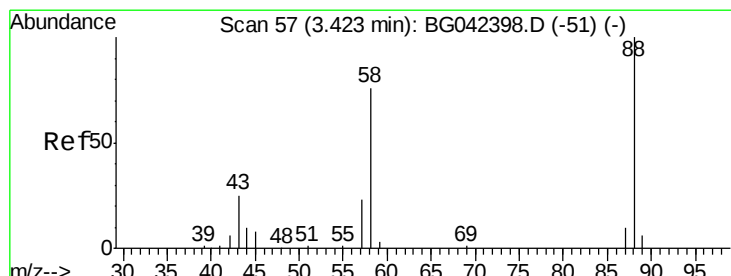
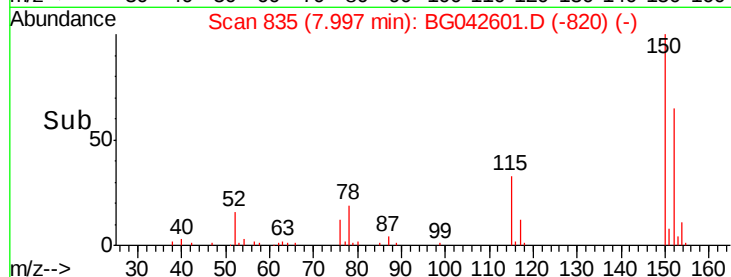
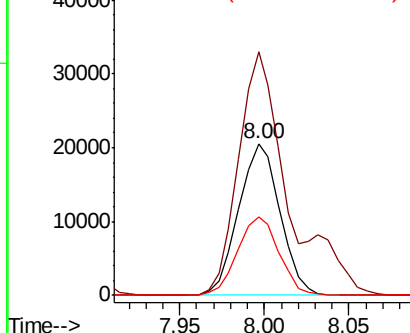
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34858
Ion Ratio Lower Upper
152 100
150 160.5 125.4 188.0
115 51.4 38.5 57.7



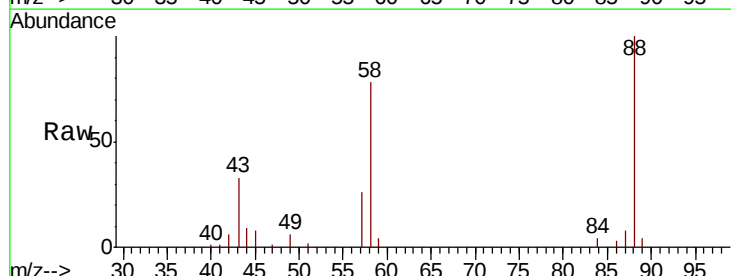
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



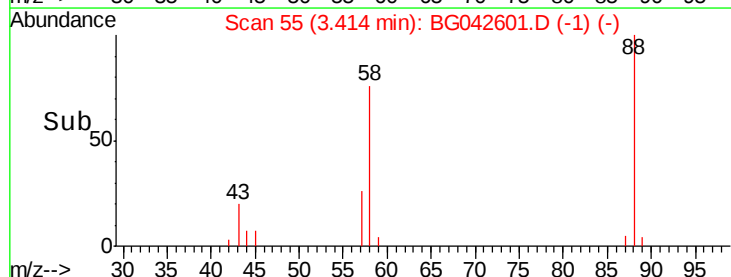
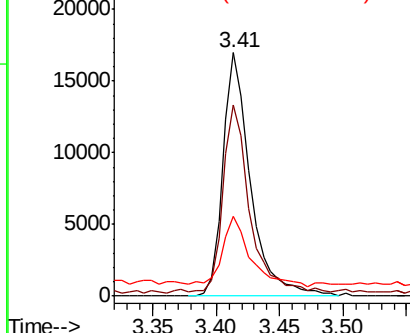
#2

1,4-Dioxane
Concen: 35.637 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion: 88 Resp: 25597
Ion Ratio Lower Upper
88 100
58 73.5 58.3 87.5
43 29.2 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: 32.829 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

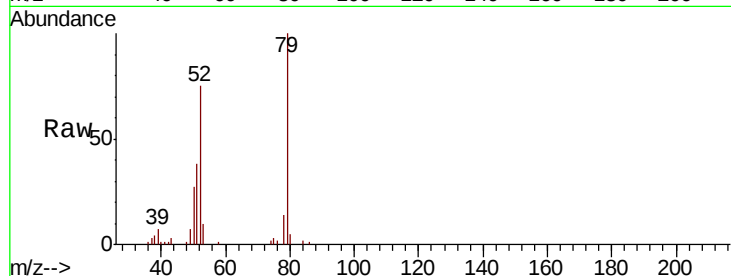
Tot Ion: 79 Resp: 60464

Ion Ratio Lower Upper

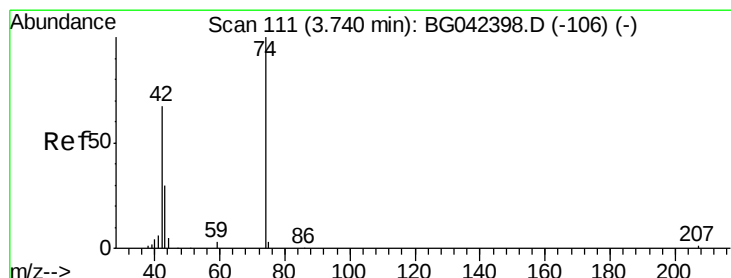
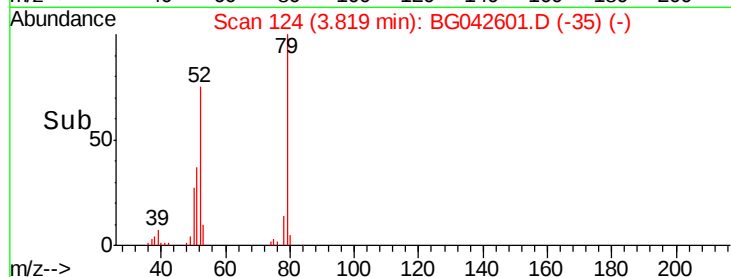
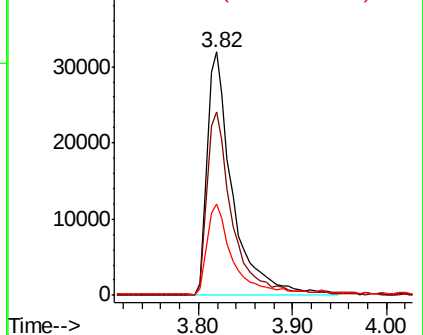
79 100

52 75.3 57.7 86.5

51 37.6 28.8 43.2



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



#4

n-Nitrosodimethylamine

Concen: 49.072 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

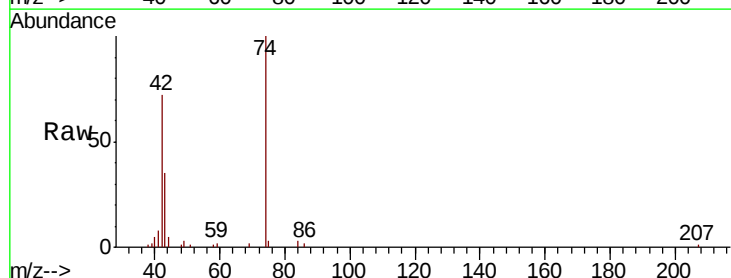
Tgt Ion: 42 Resp: 32281

Ion Ratio Lower Upper

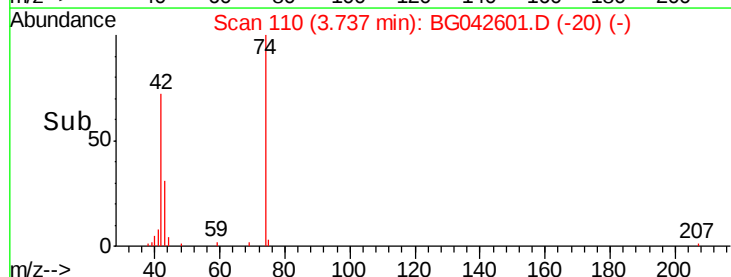
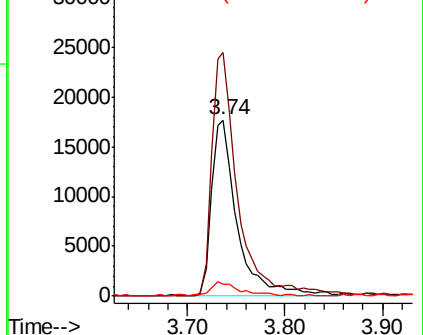
42 100

74 138.4 119.6 179.4

44 6.7 6.5 9.7



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





#5

2-Fluorophenol

Concen: 146.952 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampled :

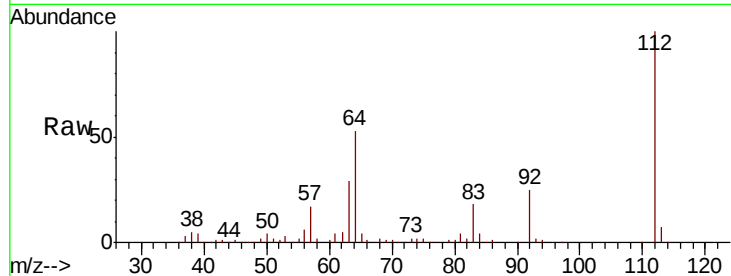
Tot Ion:112 Resp: 252924

Ion Ratio Lower Upper

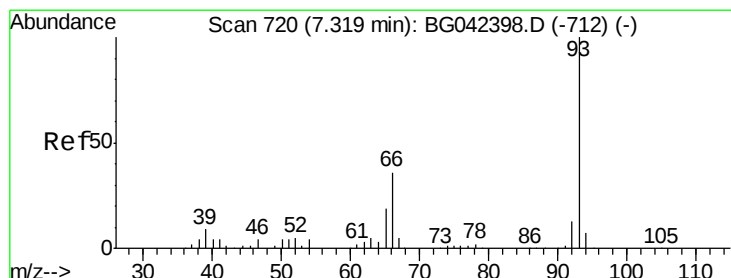
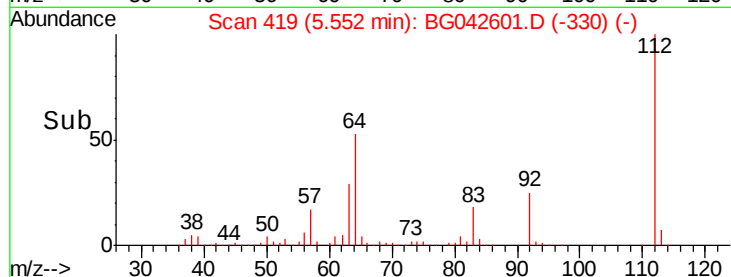
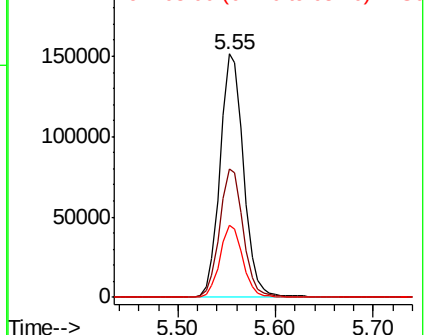
112 100

64 52.9 42.8 64.2

63 29.4 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: 34.145 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

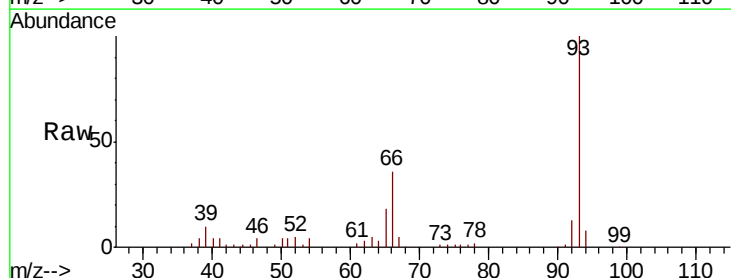
Tgt Ion: 93 Resp: 105878

Ion Ratio Lower Upper

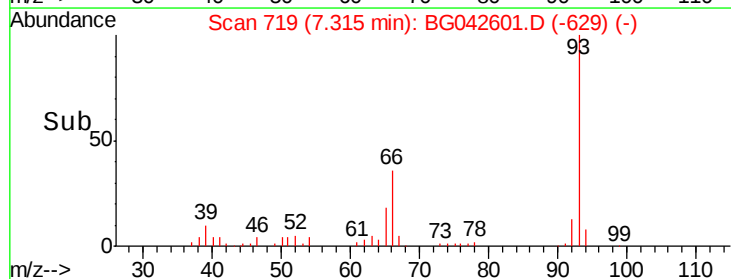
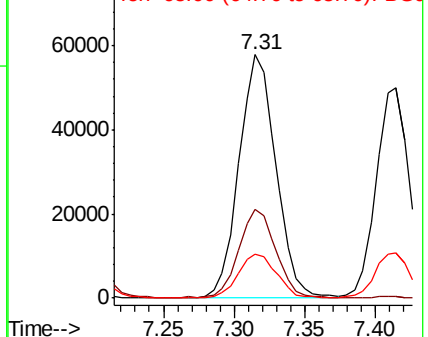
93 100

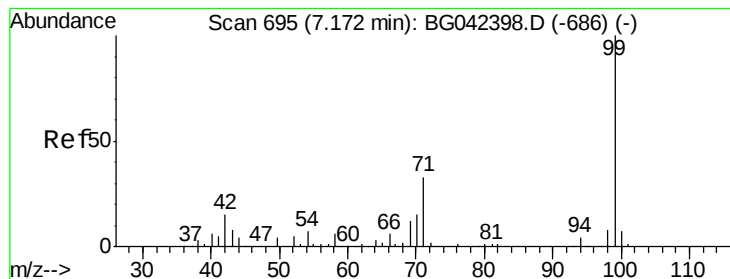
66 36.2 29.0 43.6

65 18.2 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: 145.440 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

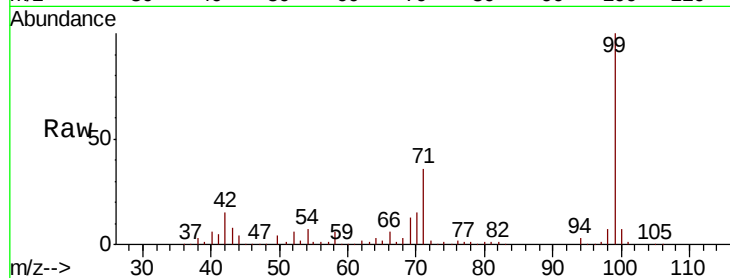
Tot Ion: 99 Resp: 338129

Ion Ratio Lower Upper

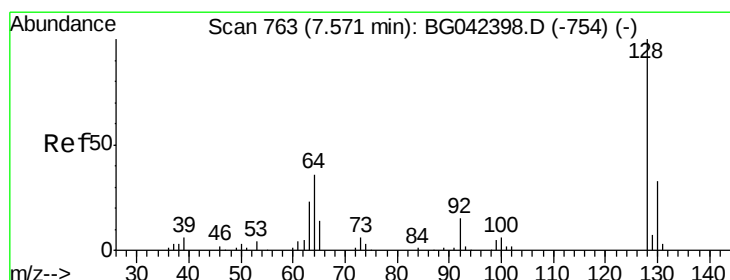
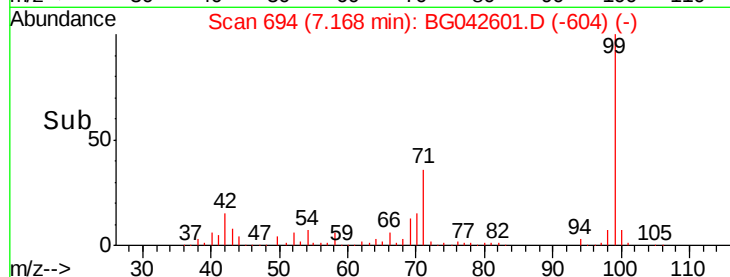
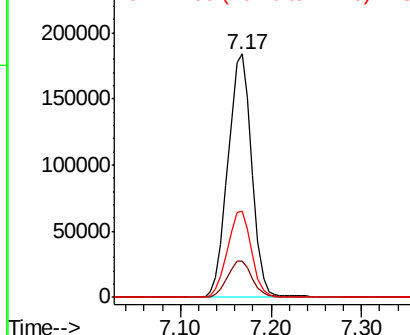
99 100

42 14.9 12.0 18.0

71 35.5 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: 51.265 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

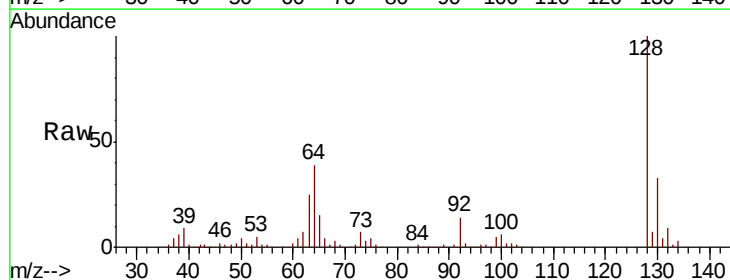
Tgt Ion: 128 Resp: 106934

Ion Ratio Lower Upper

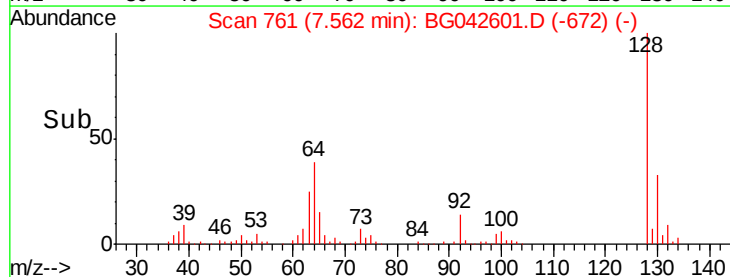
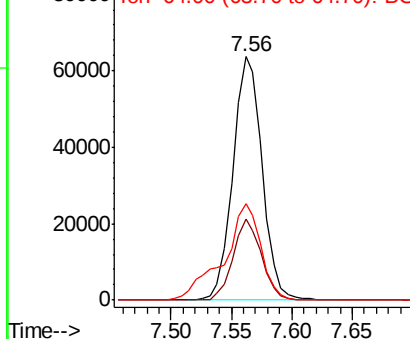
128 100

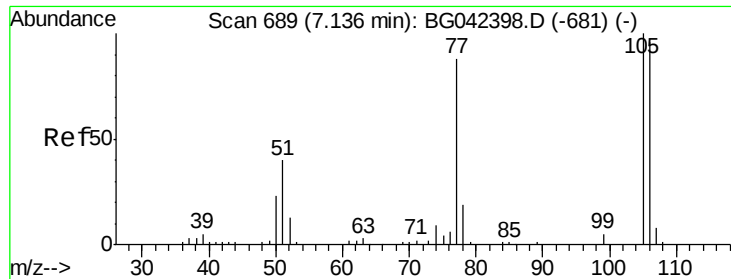
130 33.1 12.8 52.8

64 39.4 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

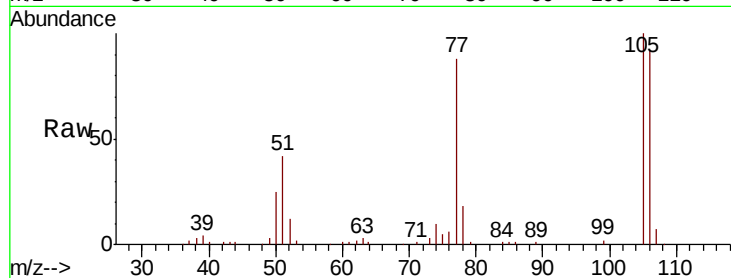




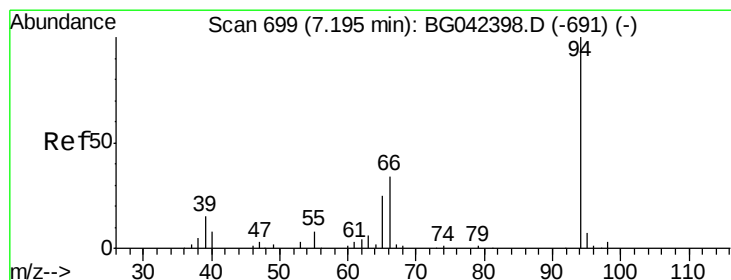
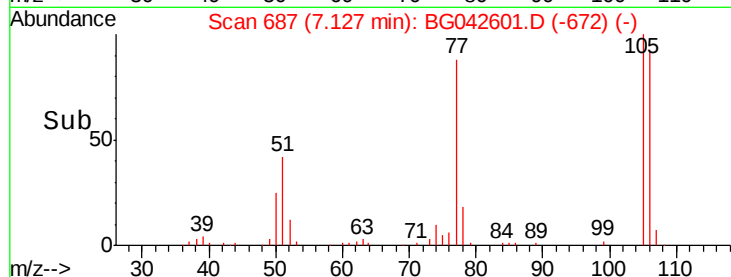
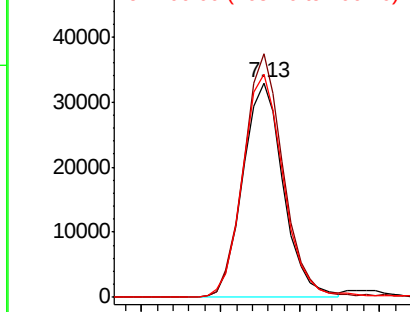
#9
Benzaldehyde
Concen: 50.152 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 58373
Ion Ratio Lower Upper
77 100
105 113.4 93.4 133.4
106 103.8 88.4 128.4

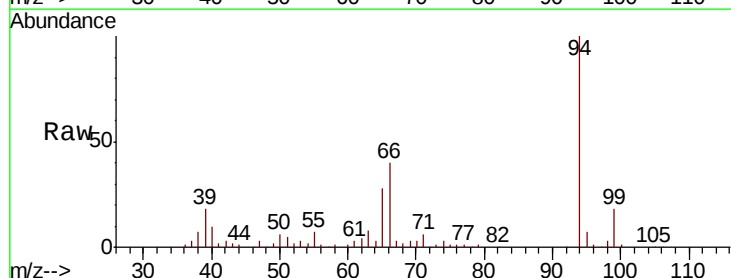


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

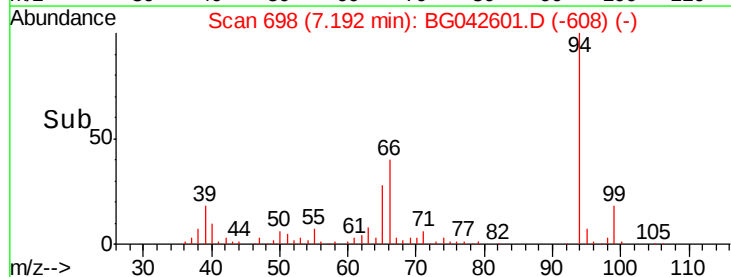
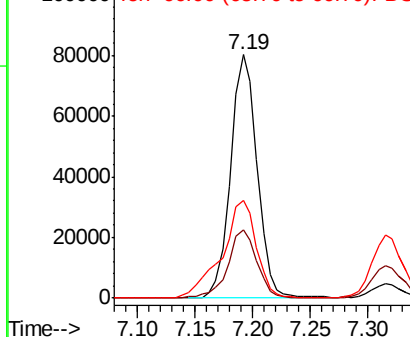


#10
Phenol
Concen: 54.170 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion: 94 Resp: 128046
Ion Ratio Lower Upper
94 100
65 27.9 5.6 45.6
66 40.0 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

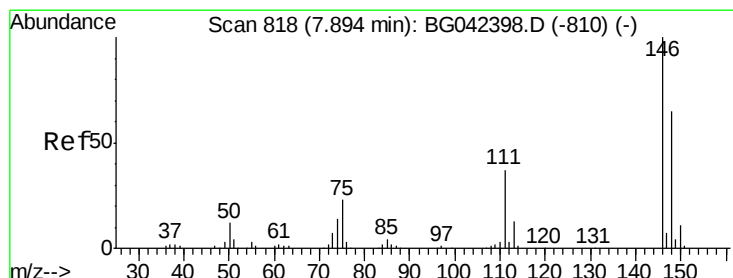
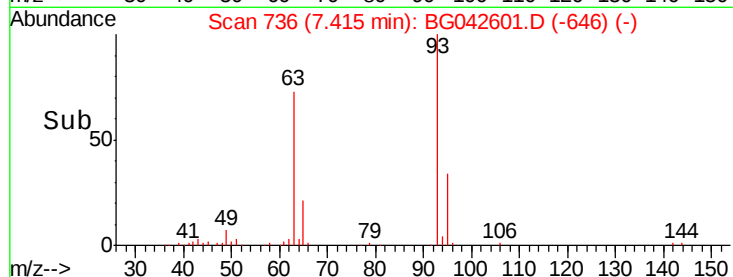
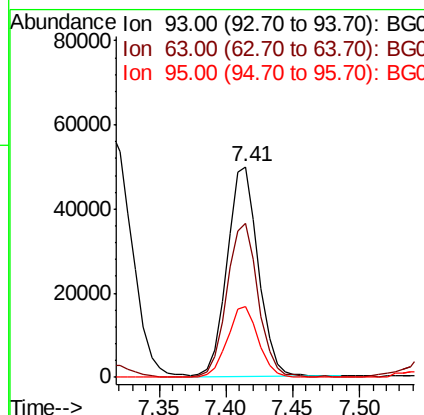
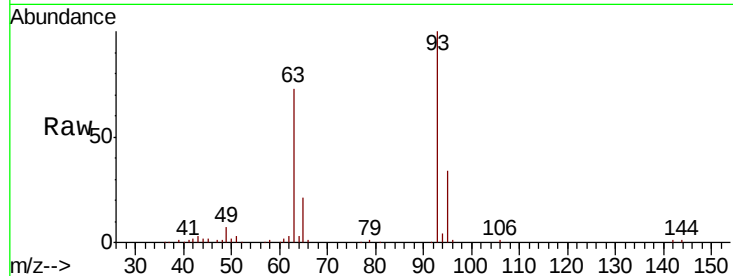




#11
bis(2-Chloroethyl)ether
Concen: 44.105 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

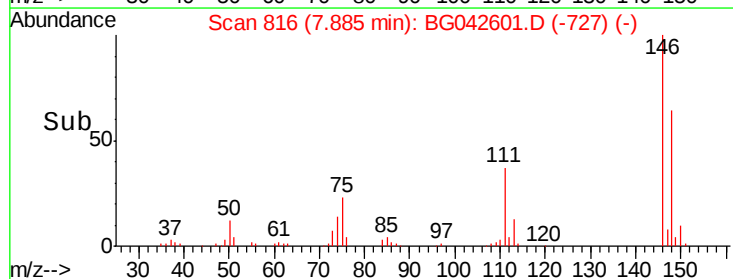
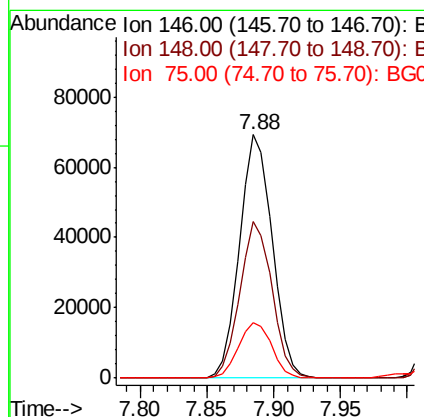
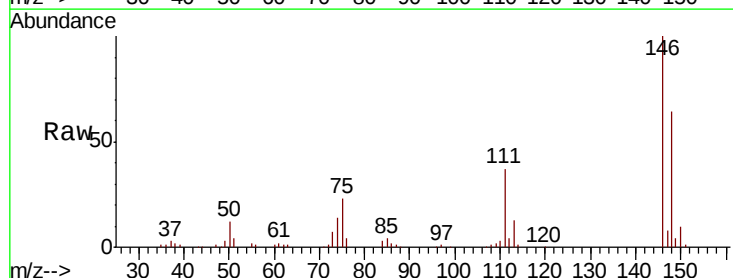
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	93	Resp:	81878
Ion	Ratio	Lower	Upper
93	100		
63	73.4	53.8	93.8
95	33.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 44.166 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion:	146	Resp:	117195
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
75	22.6	18.0	27.0

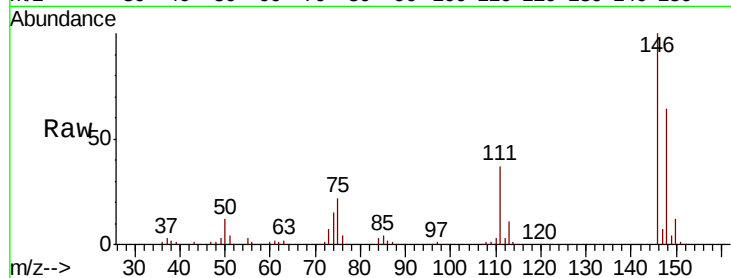




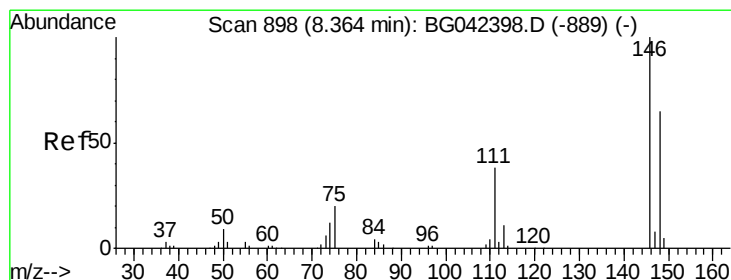
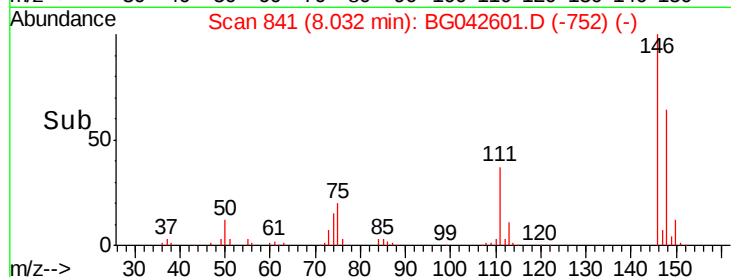
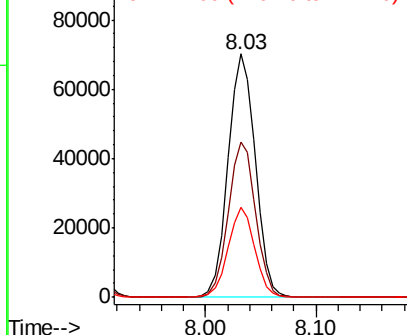
#13
 1,4-Dichlorobenzene
 Concen: 45.273 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.5	74.3
111	37.1	28.1	42.1

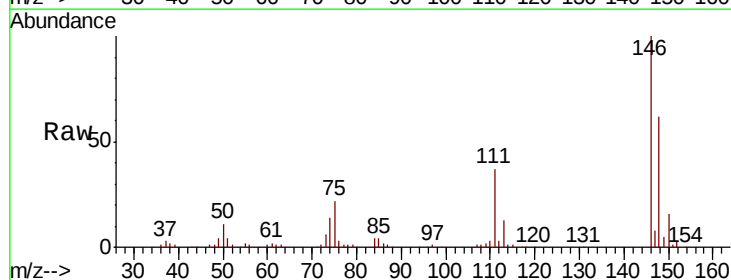


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

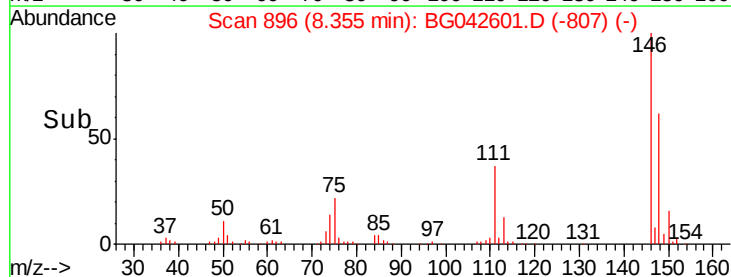
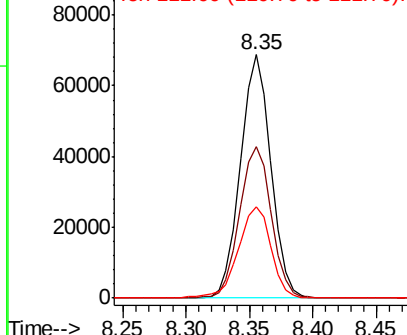


#14
 1,2-Dichlorobenzene
 Concen: 44.518 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.8	77.6
111	37.4	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: 48.480 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

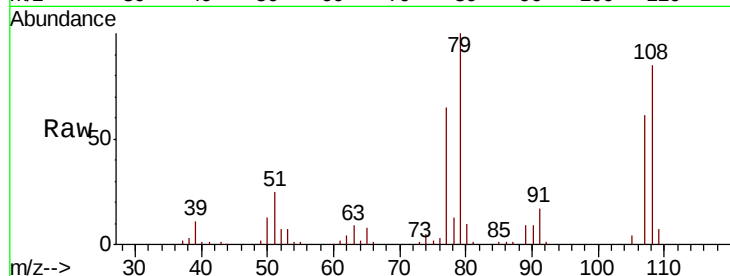
Tot Ion: 79 Resp: 81088

Ion Ratio Lower Upper

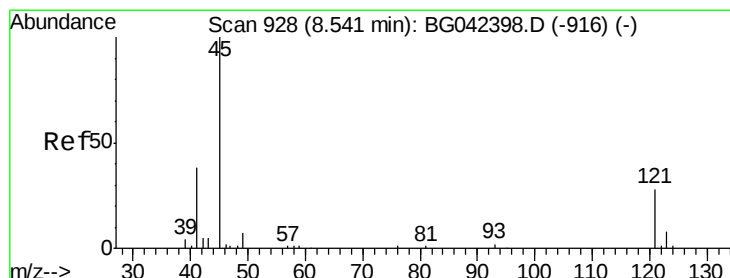
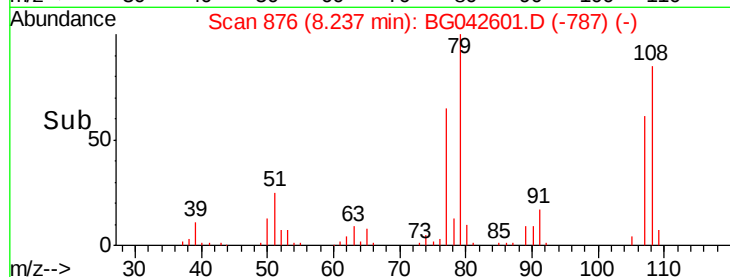
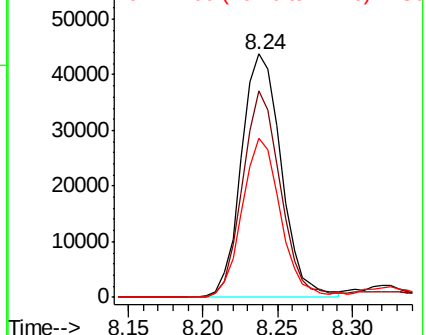
79 100

108 84.7 67.4 101.2

77 65.3 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: 41.586 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

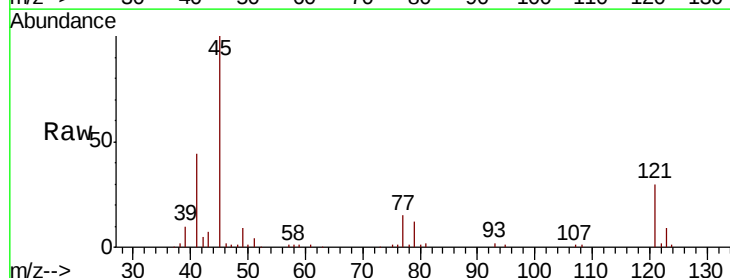
Tgt Ion: 45 Resp: 104638

Ion Ratio Lower Upper

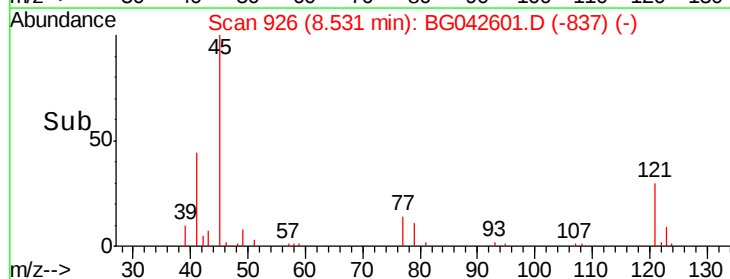
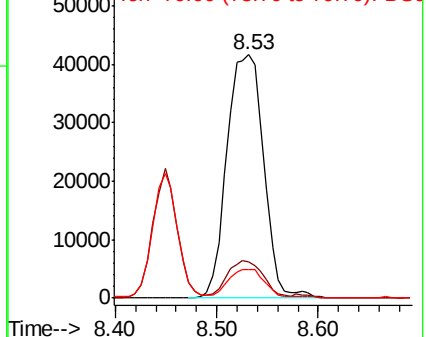
45 100

77 14.9 0.0 35.6

79 11.8 0.0 31.6



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





#17

2-Methylphenol

Concen: 48.769 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 84910

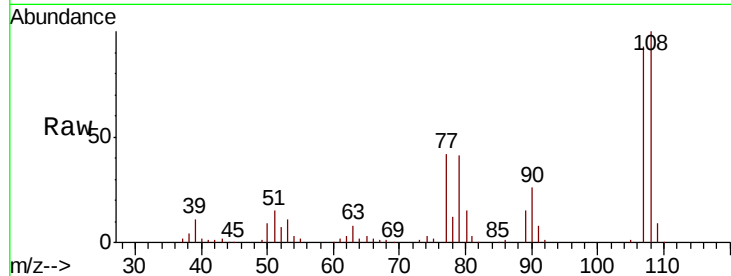
Ion Ratio Lower Upper

107 100

108 107.1 92.9 139.3

77 45.2 34.4 51.6

79 43.4 33.8 50.6

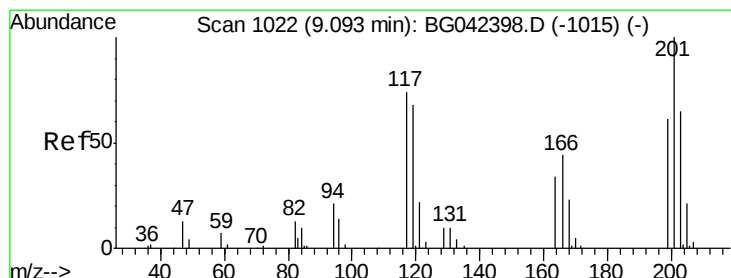
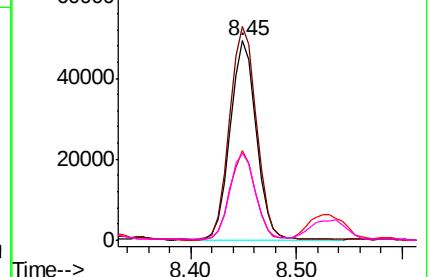
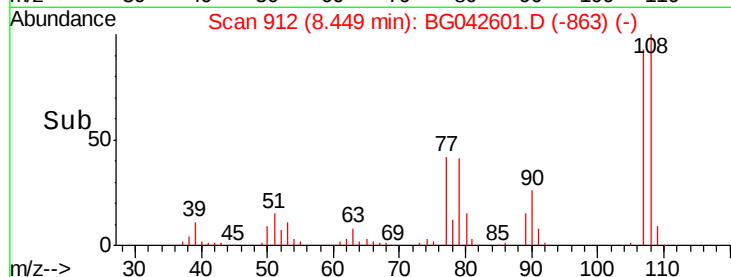


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.777 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

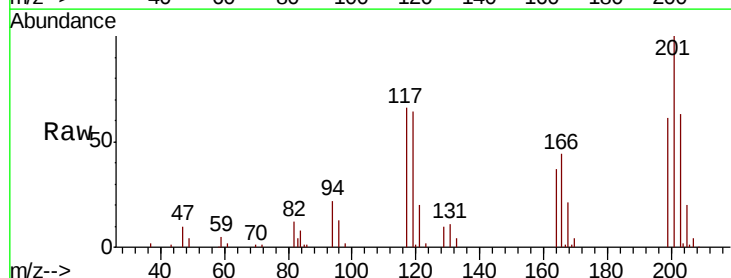
Tgt Ion:117 Resp: 38441

Ion Ratio Lower Upper

117 100

119 96.2 73.8 110.8

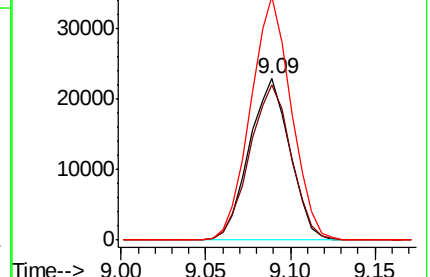
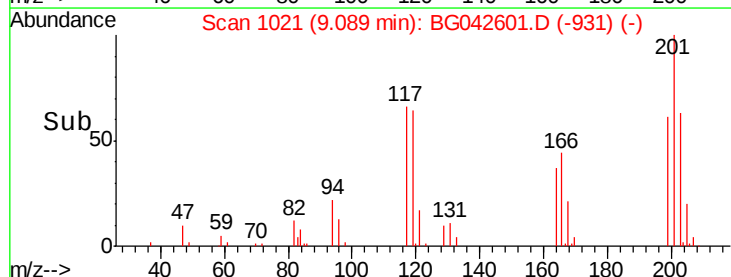
201 151.1 108.3 162.5



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

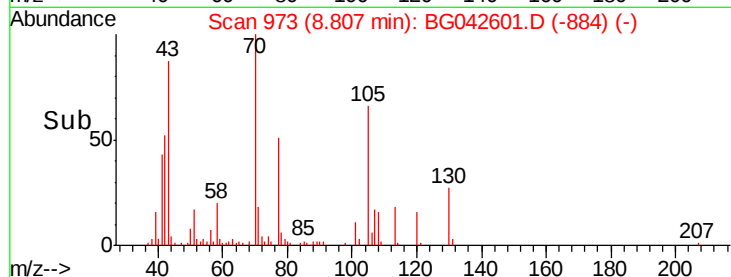
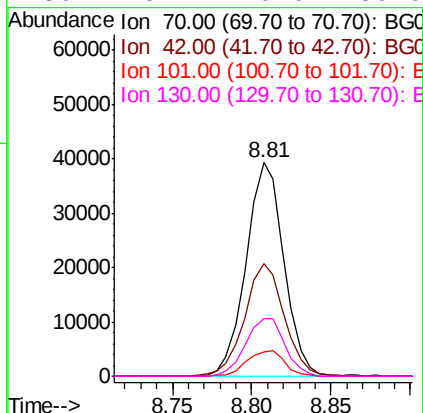
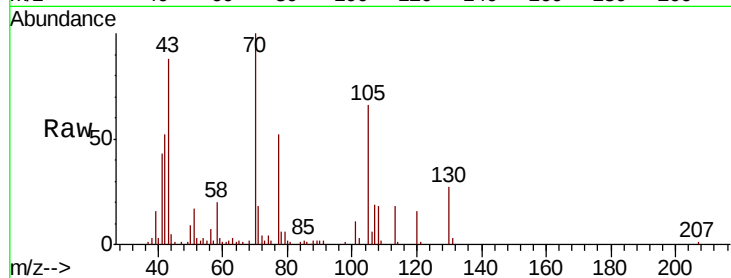




#19
n-Nitroso-di-n-propylamine
Concen: 43.083 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

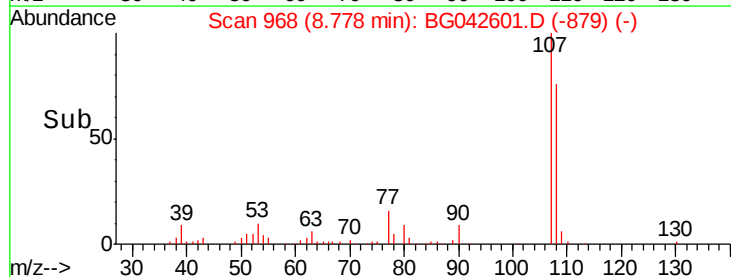
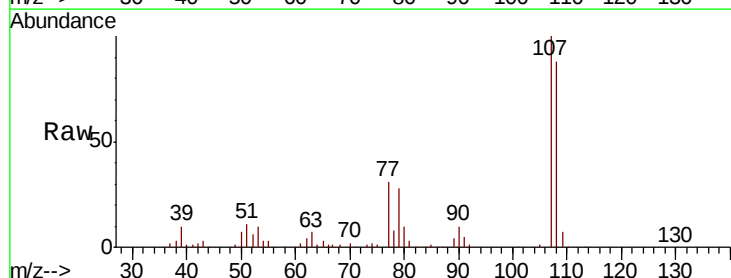
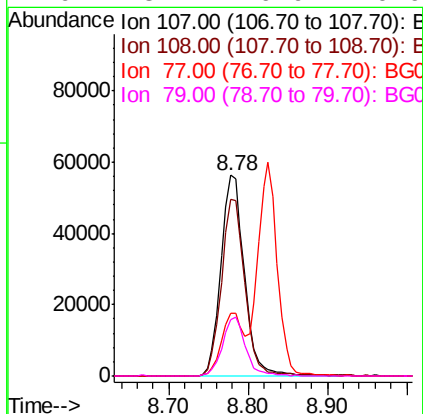
Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	64891
Ion	Ratio	Lower	Upper
70	100		
42	52.5	38.8	58.2
101	11.4	9.0	13.6
130	26.7	20.0	30.0



#20
3+4-Methylphenols
Concen: 47.905 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion:	107	Resp:	115413
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.7	108.7
77	31.2	10.2	50.2
79	28.1	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 132474

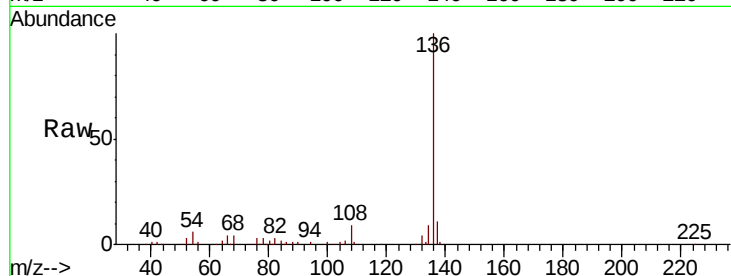
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.3 4.9 7.3

68 3.7 3.6 5.4

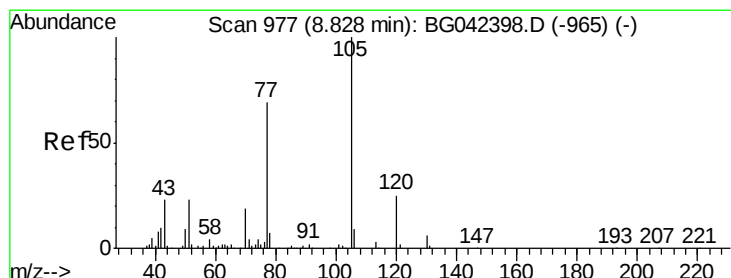
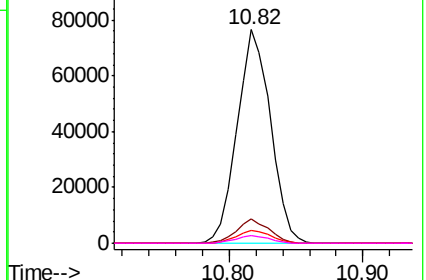
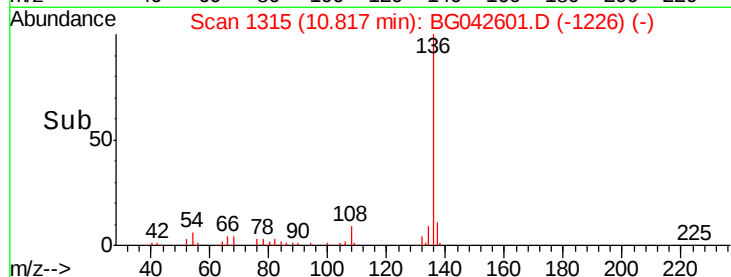


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 51.832 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Tgt Ion:105 Resp: 146859

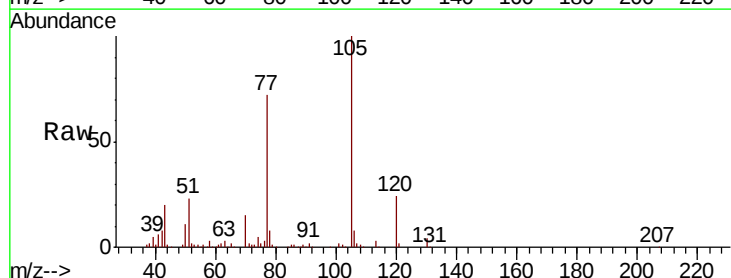
Ion Ratio Lower Upper

105 100

71 2.5 2.8 4.2#

51 23.1 18.7 28.1

120 23.8 20.1 30.1

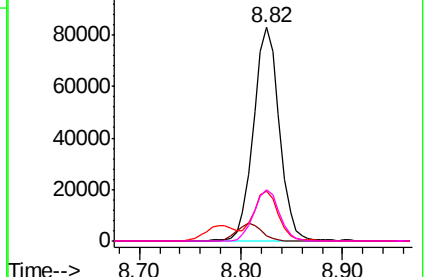
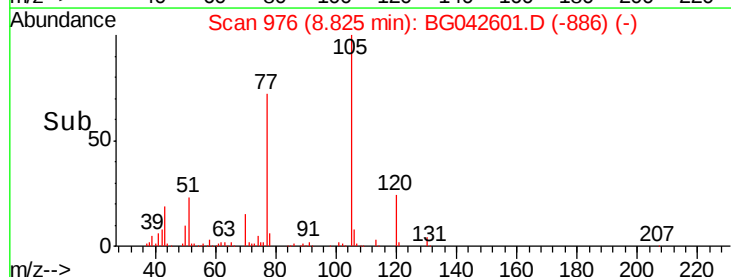


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

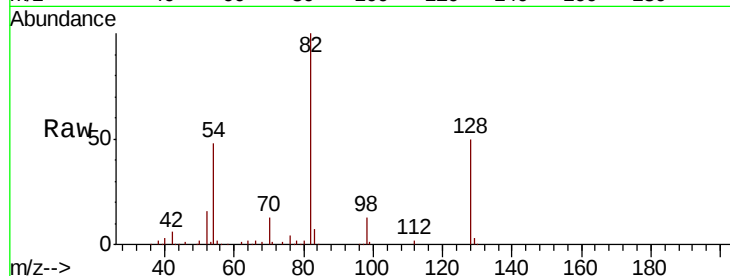




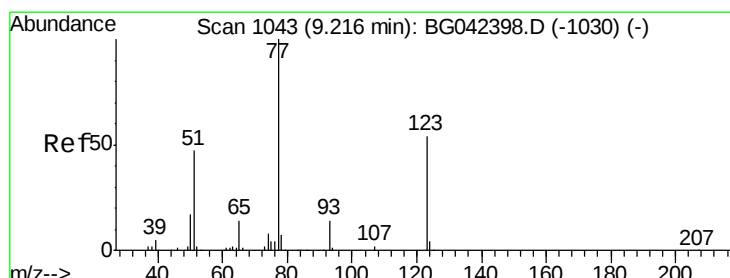
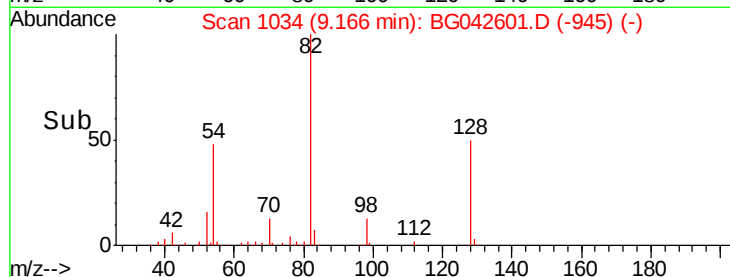
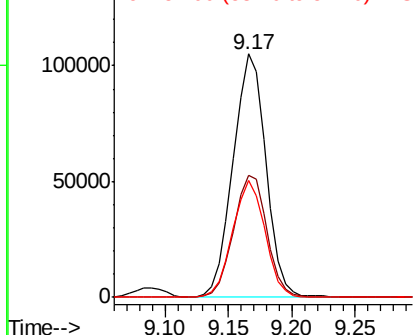
#23
Nitrobenzene-d5
Concen: 98.369 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	188576
Ion Ratio	Lower	Upper	
82	100		
128	50.3	40.7	61.1
54	47.8	36.3	54.5

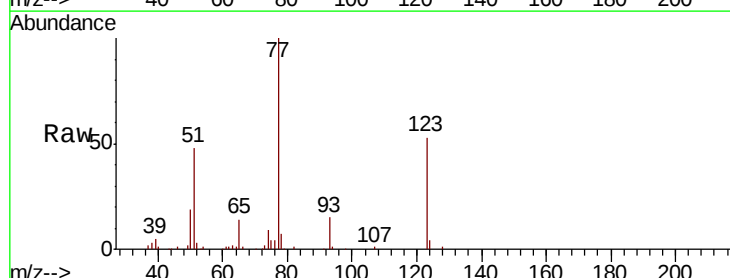


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

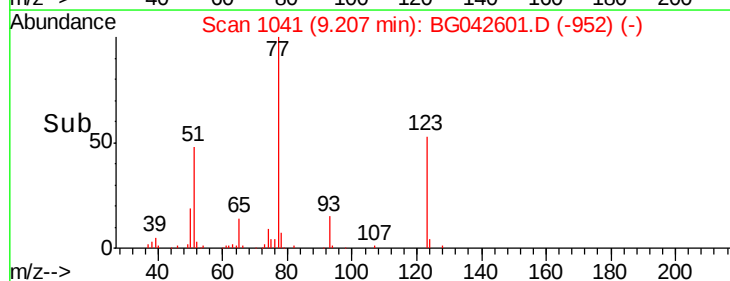
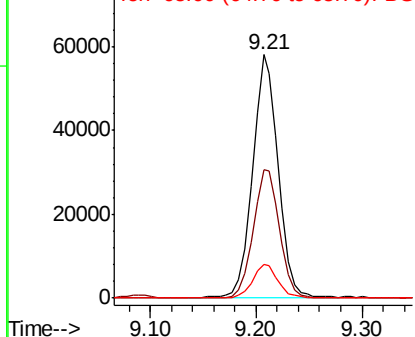


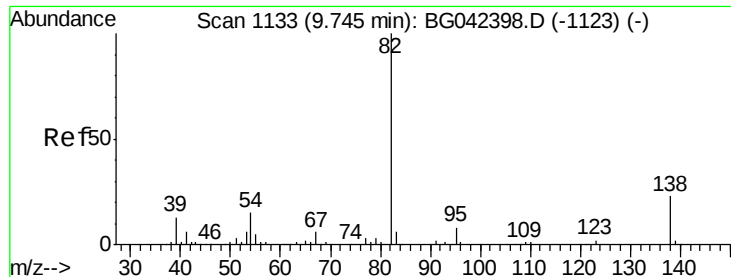
#24
Nitrobenzene
Concen: 50.540 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion	77	Resp	98112
Ion Ratio	Lower	Upper	
77	100		
123	52.8	43.4	65.0
65	14.0	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: 48.840 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampled :

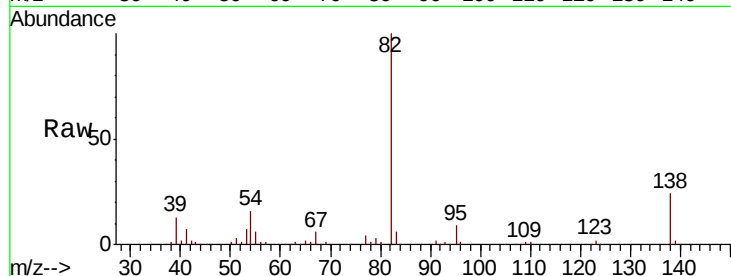
Tot Ion: 82 Resp: 184778

Ion Ratio Lower Upper

82 100

95 9.4 6.6 9.8

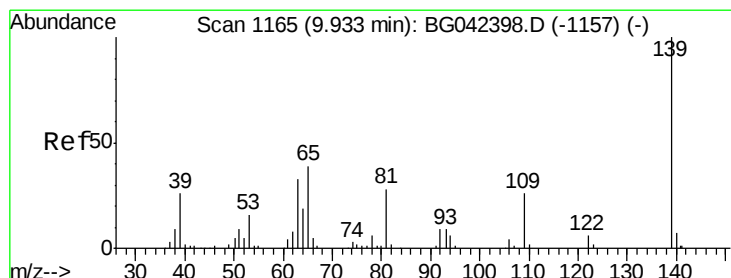
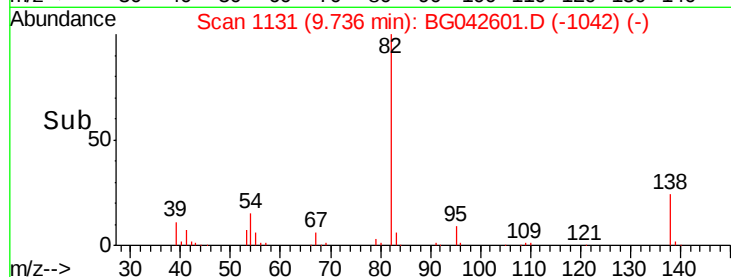
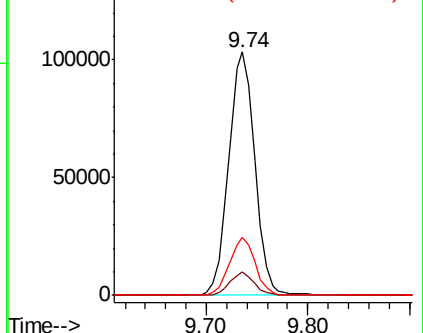
138 23.8 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BG042398.D (-1123) (-)

Ion 95.00 (94.70 to 95.70): BG042398.D (-1123) (-)

Ion 138.00 (137.70 to 138.70): BG042398.D (-1123) (-)



#26

2-Nitrophenol

Concen: 53.166 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

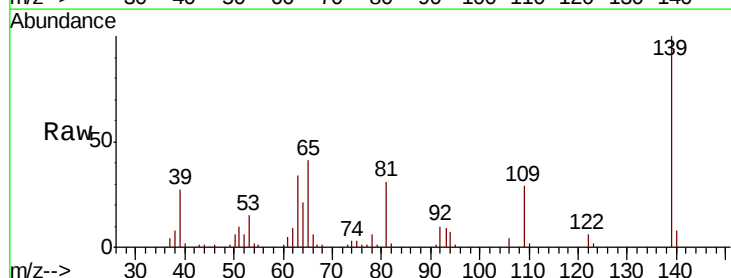
Tgt Ion: 139 Resp: 64678

Ion Ratio Lower Upper

139 100

109 28.6 20.5 30.7

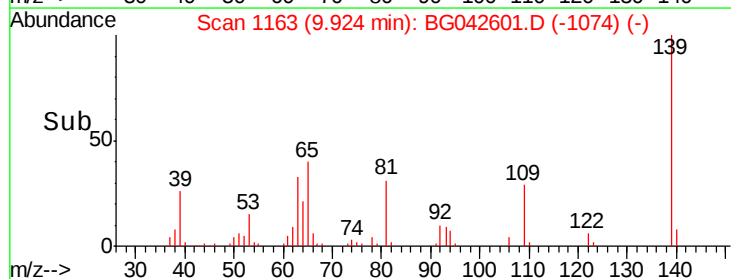
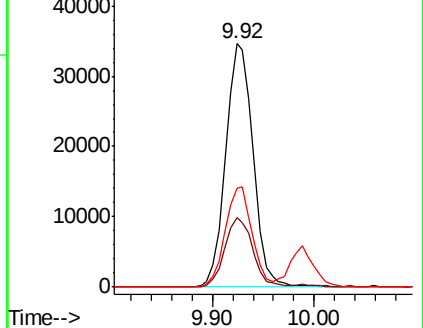
65 40.8 30.9 46.3

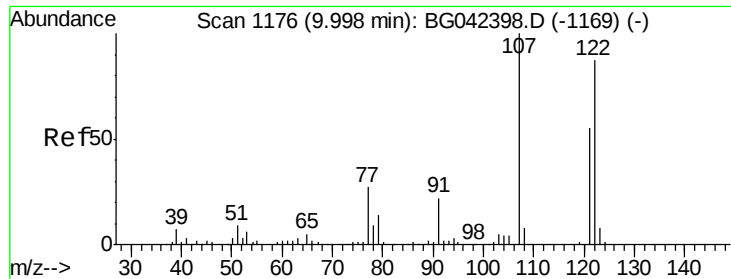


Abundance Ion 139.00 (138.70 to 139.70): BG042398.D (-1157) (-)

Ion 109.00 (108.70 to 109.70): BG042398.D (-1157) (-)

Ion 65.00 (64.70 to 65.70): BG042398.D (-1157) (-)

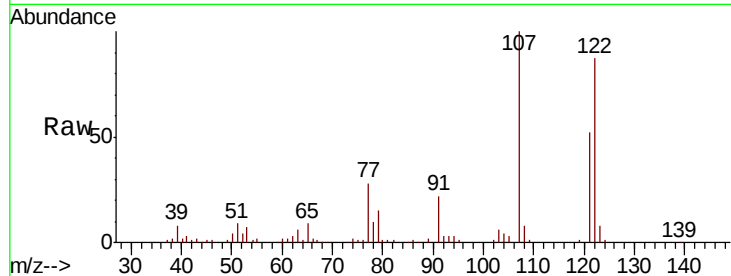




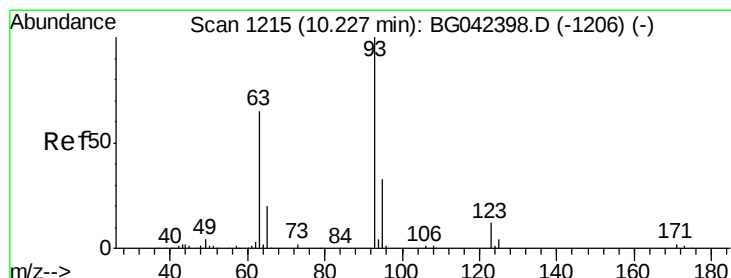
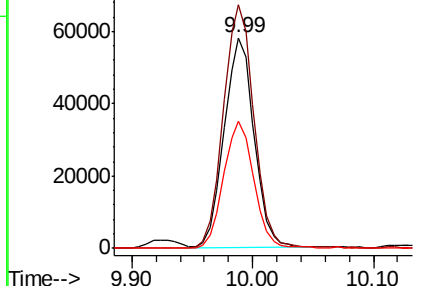
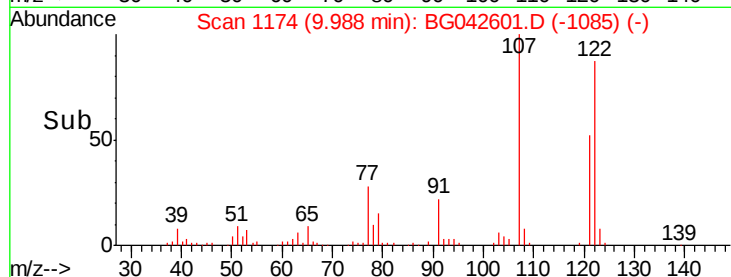
#27
 2,4-Dimethylphenol
 Concen: 59.583 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:122 Resp: 99847
 Ion Ratio Lower Upper
 122 100
 107 115.6 90.8 136.2
 121 60.4 49.6 74.4

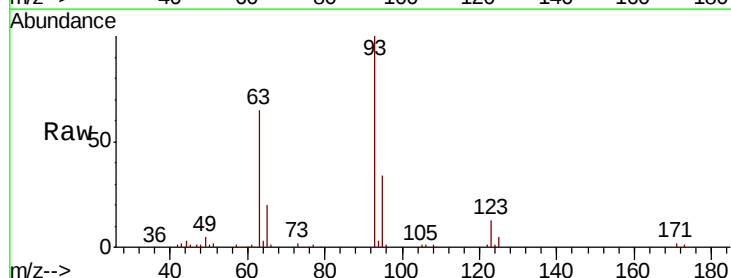


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

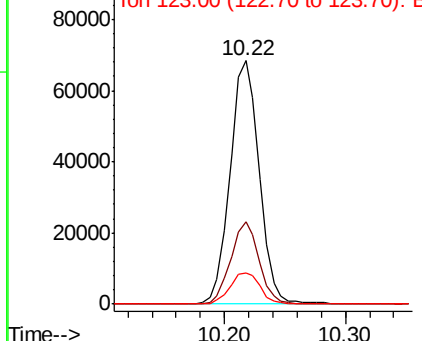
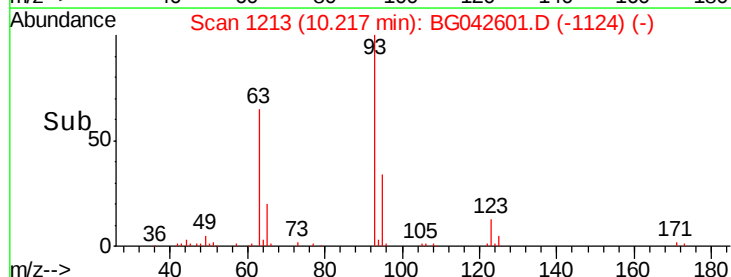


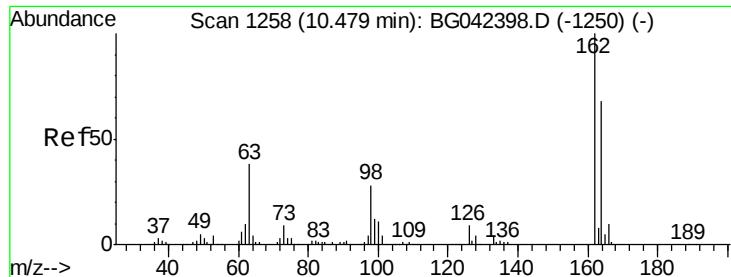
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.166 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Tgt Ion: 93 Resp: 114854
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.6 40.0
 123 12.9 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: 56.179 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

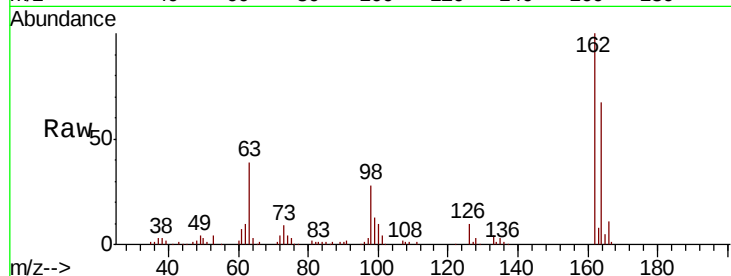
Tot Ion:162 Resp: 123172

Ion Ratio Lower Upper

162 100

164 67.4 48.1 88.1

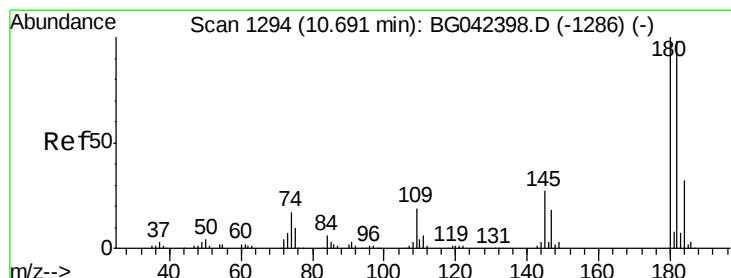
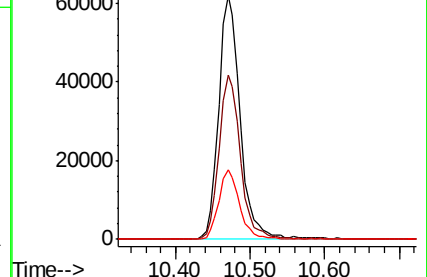
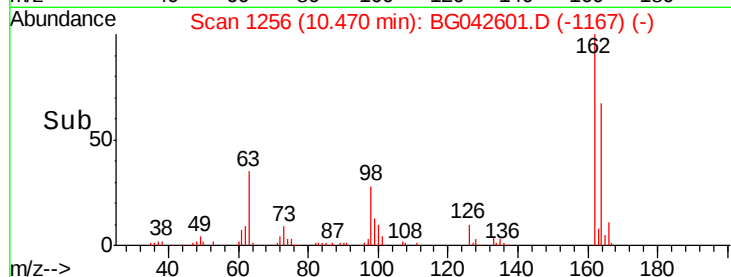
98 28.4 7.6 47.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 50.694 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

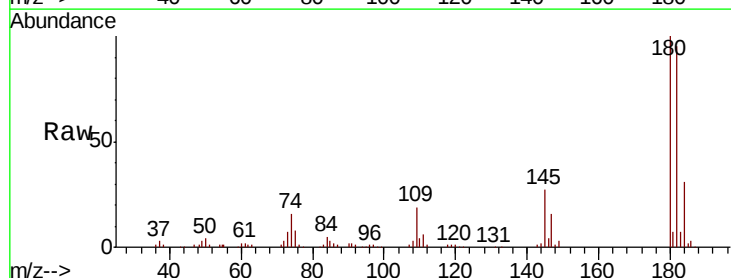
Tgt Ion:180 Resp: 136424

Ion Ratio Lower Upper

180 100

182 94.5 78.7 118.1

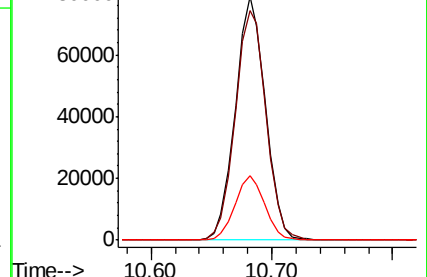
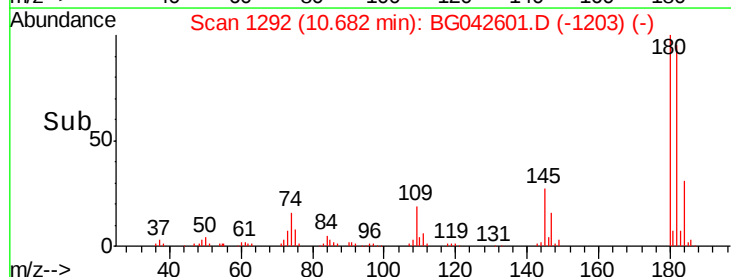
145 26.6 21.6 32.4

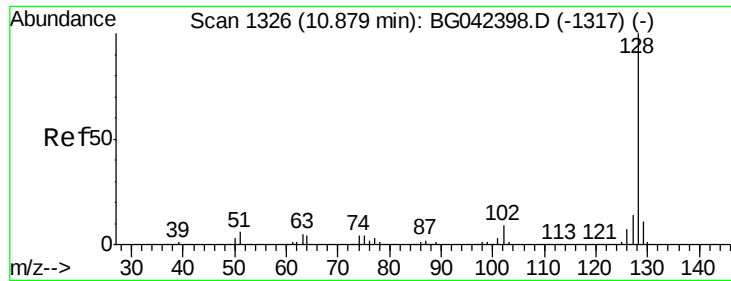


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

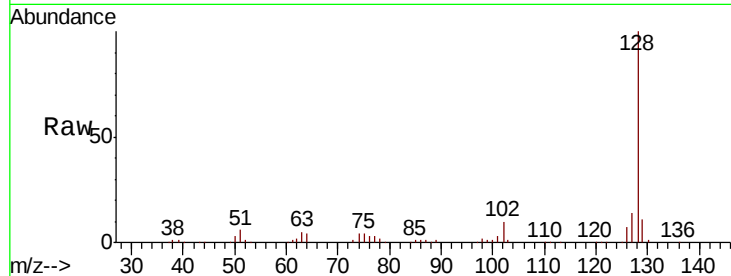




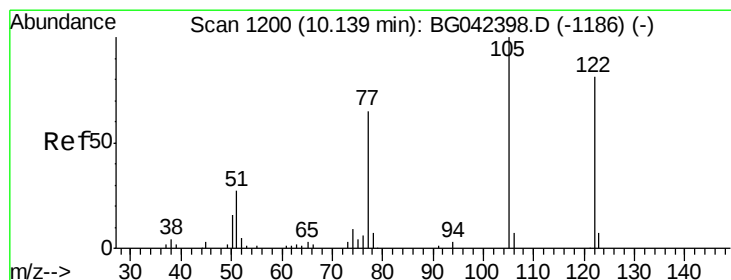
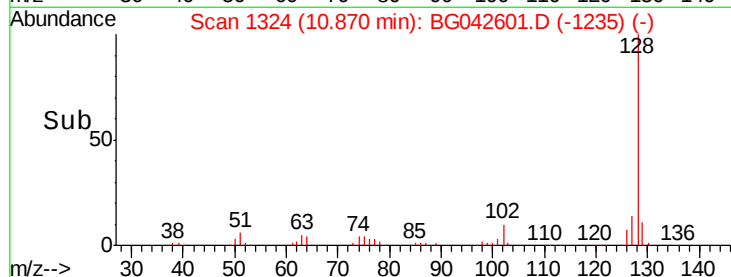
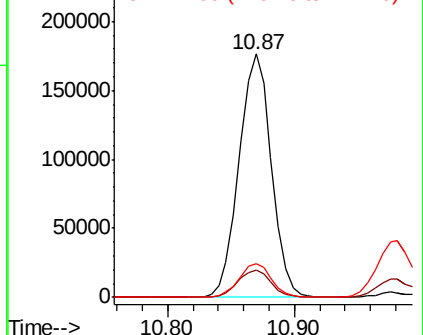
#31
Naphthalene
Concen: 50.728 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 311996
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 14.0 11.4 17.0

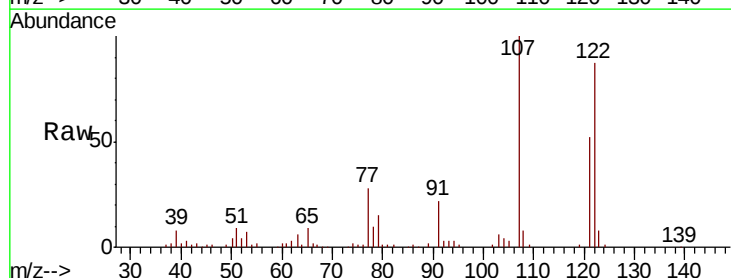


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

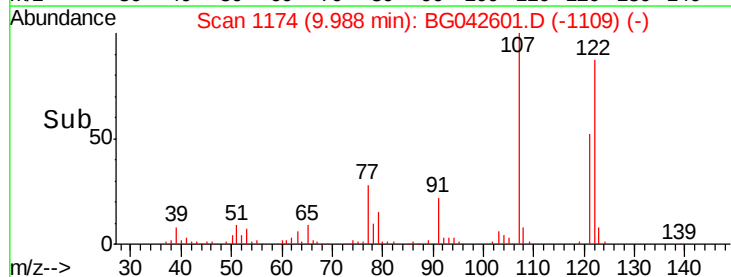
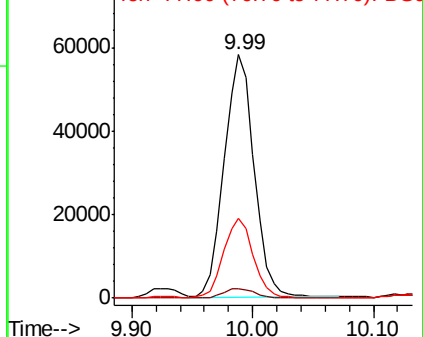


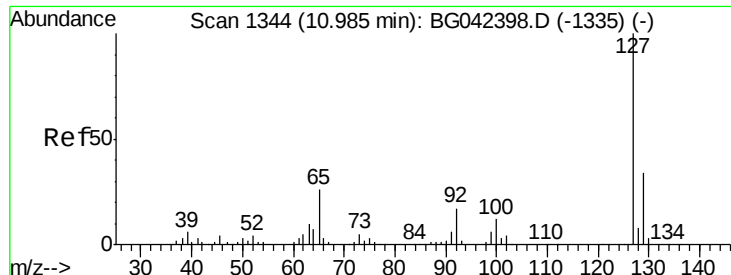
#32
Benzoic acid
Concen: 76.295 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.15 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion:122 Resp: 99847
Ion Ratio Lower Upper
122 100
105 4.0 99.6 139.6#
77 32.8 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

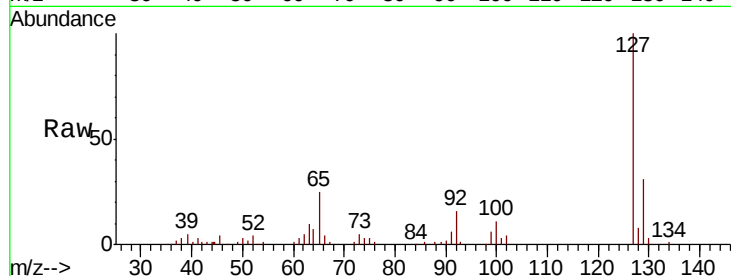




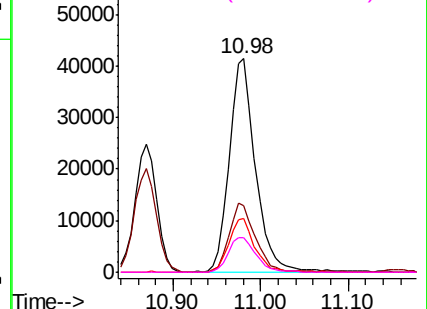
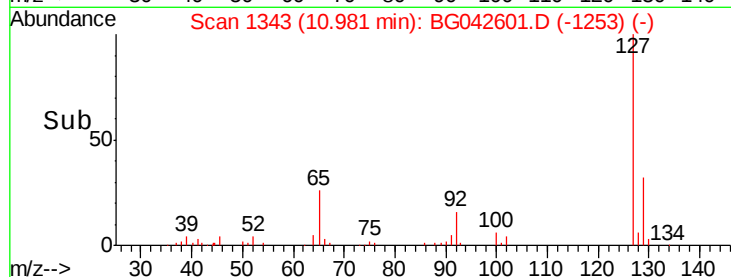
#33
4-Chloroaniline
Concen: 29.945 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	85020
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.8	40.2
65	25.4	20.7	31.1
92	16.1	13.6	20.4

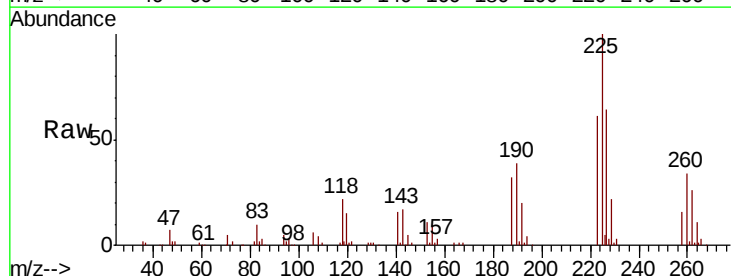


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

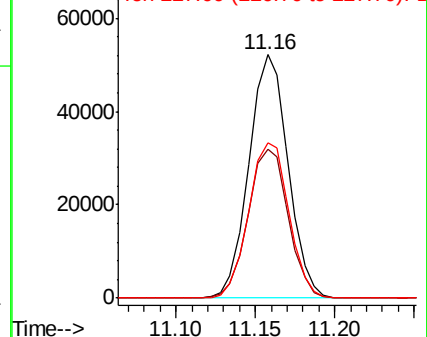
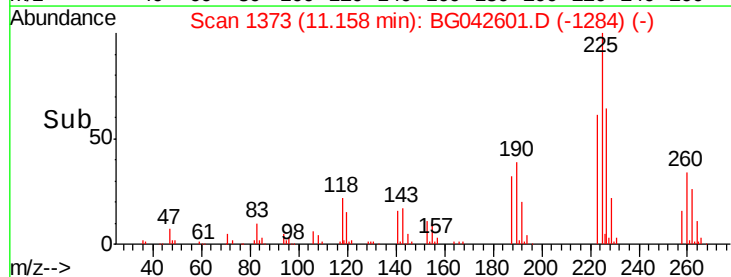


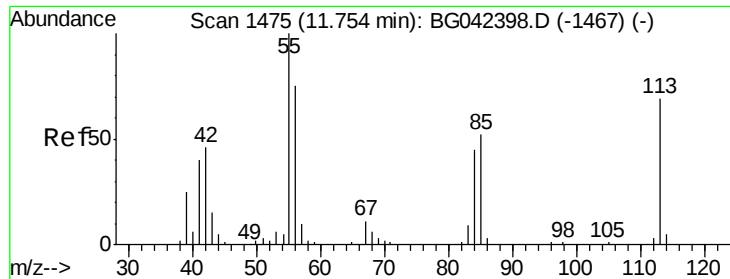
#34
Hexachlorobutadiene
Concen: 49.487 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion:	225	Resp:	89503
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.8	74.6
227	63.6	50.9	76.3



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

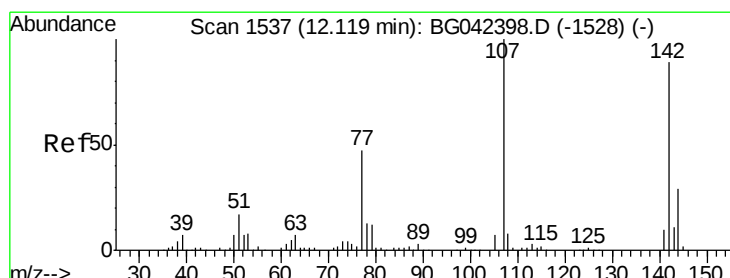
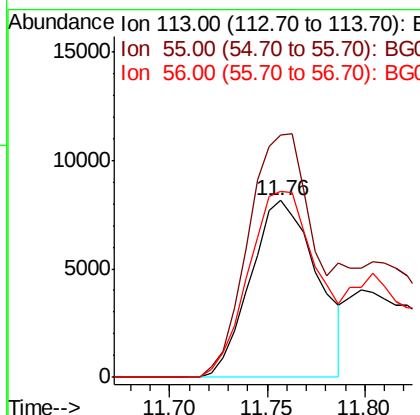
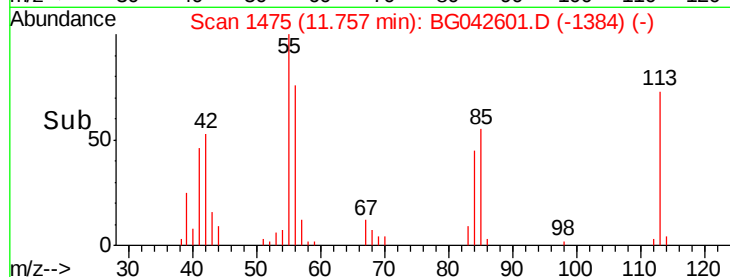
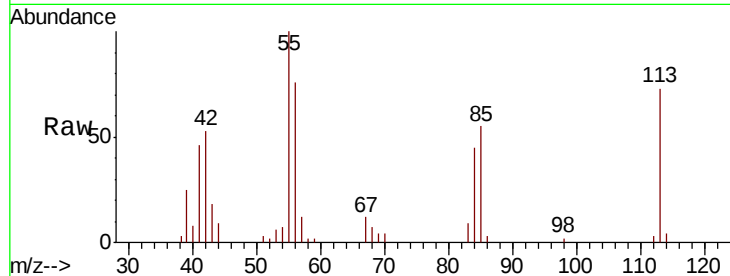




#35
 Caprolactam
 Concen: 26.406 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

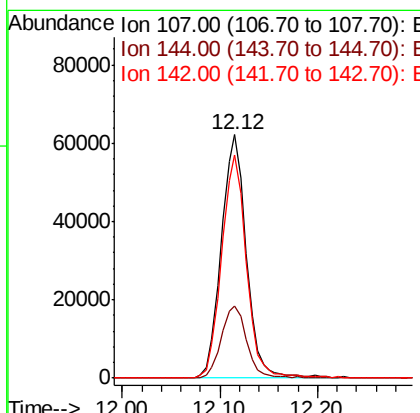
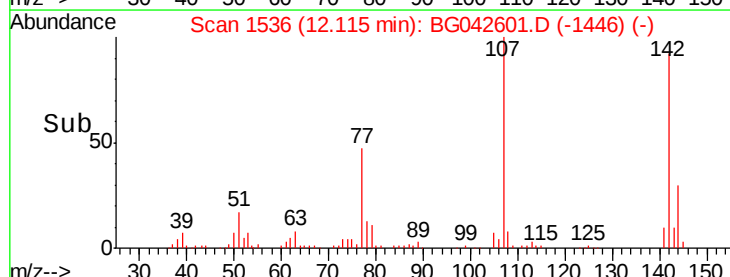
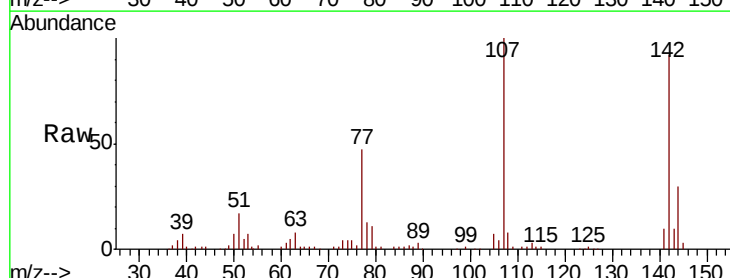
Instrument :
 BNA_G
 ClientSampled :

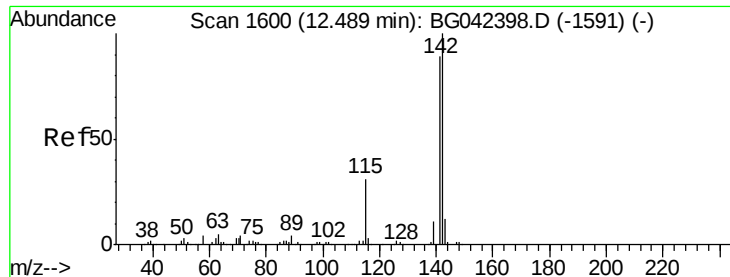
Tot Ion:113 Resp: 19318
 Ion Ratio Lower Upper
 113 100
 55 137.1 124.6 164.6
 56 104.9 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 53.256 ng
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Tgt Ion:107 Resp: 110843
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.6 35.4
 142 91.8 71.0 106.4

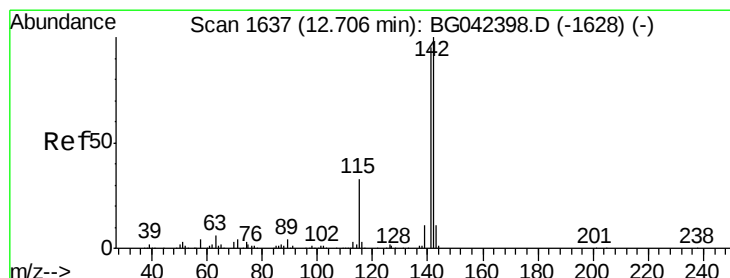
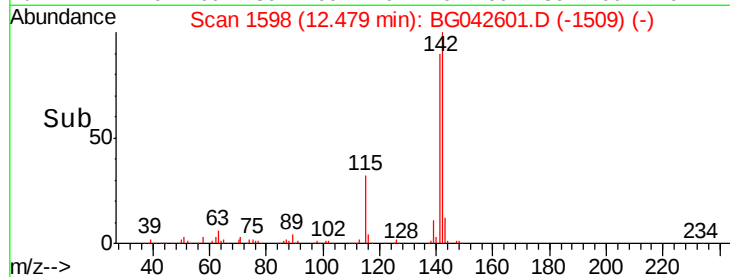
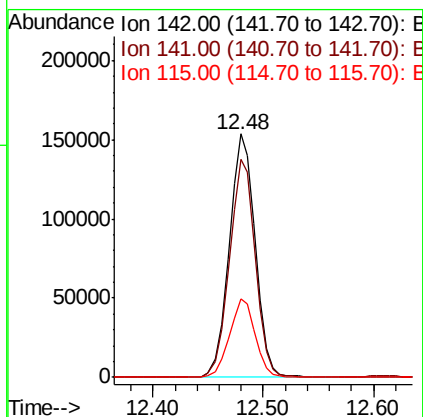
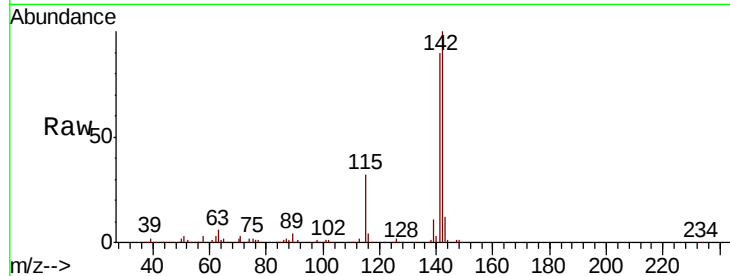




#37
 2-Methylnaphthalene
 Concen: 51.145 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

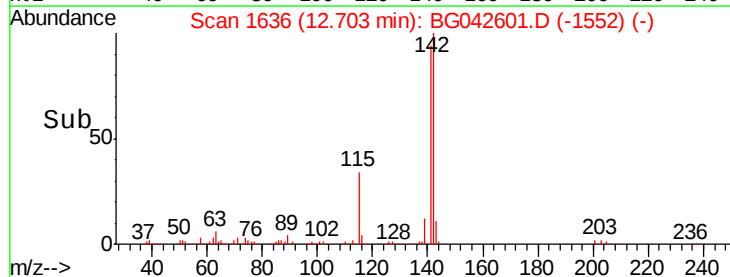
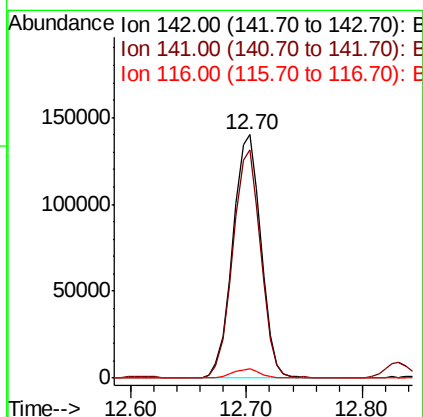
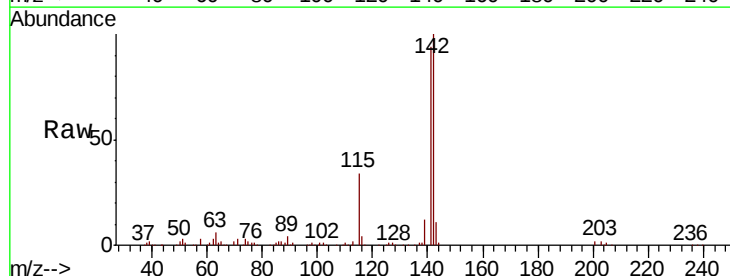
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	32.0	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 50.428 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.2	114.2
116	3.7	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

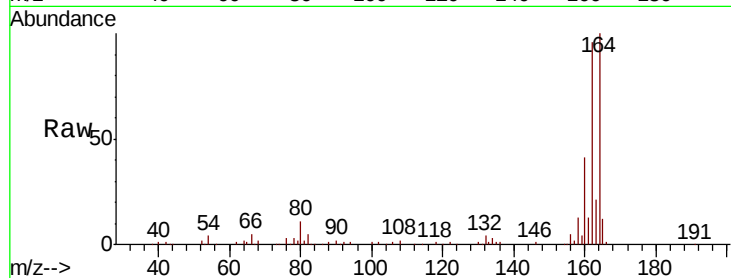
Tot Ion:164 Resp: 101431

Ion Ratio Lower Upper

164 100

162 95.7 79.9 119.9

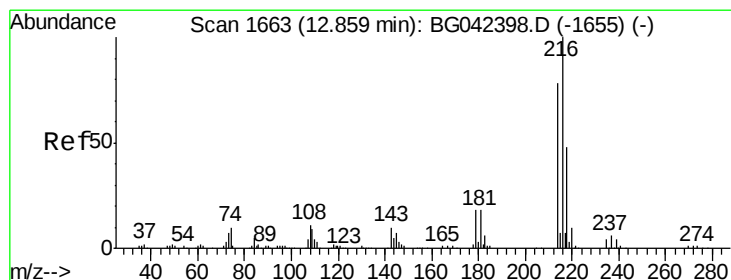
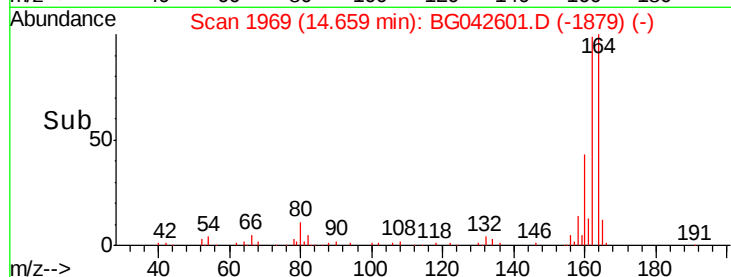
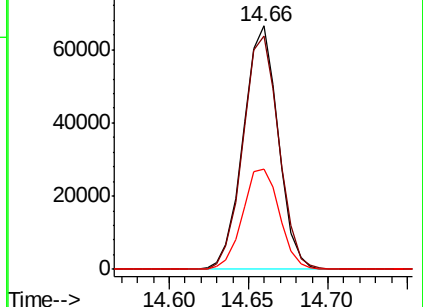
160 41.3 34.3 51.5



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: 52.872 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Tgt Ion:216 Resp: 172221

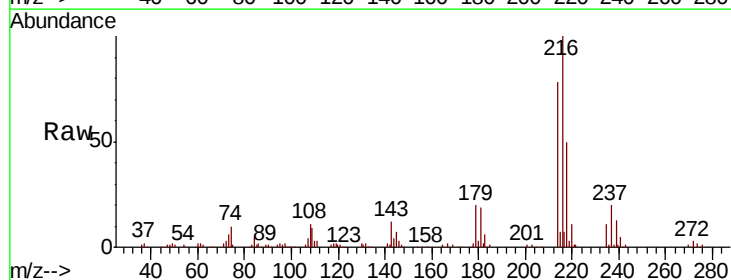
Ion Ratio Lower Upper

216 100

214 77.5 61.4 92.2

179 19.0 15.1 22.7

108 12.1 9.4 14.0

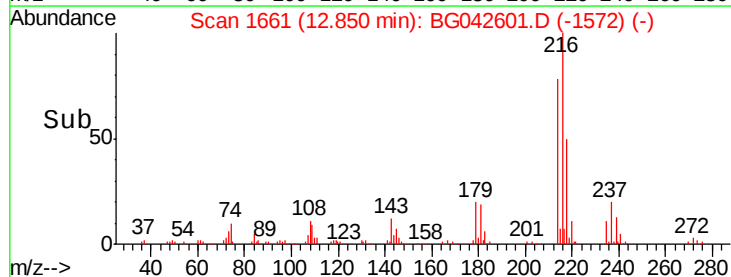
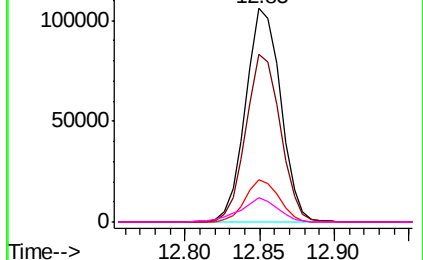


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.194 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

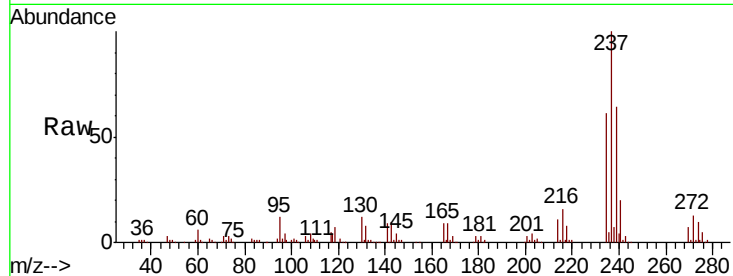
Tot Ion:237 Resp: 159457

Ion Ratio Lower Upper

237 100

235 61.5 43.7 83.7

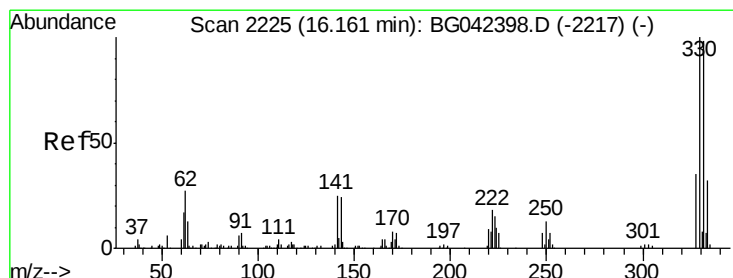
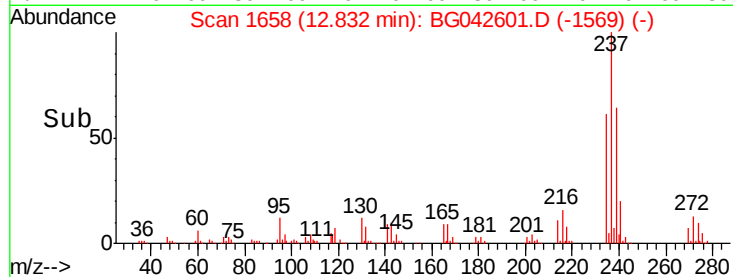
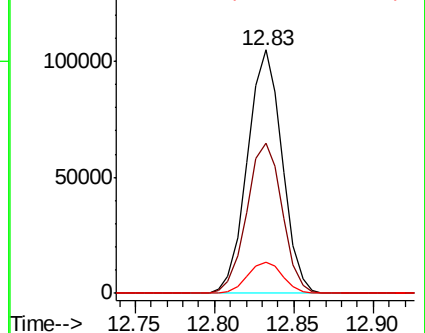
272 12.6 0.0 33.3



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: 153.930 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

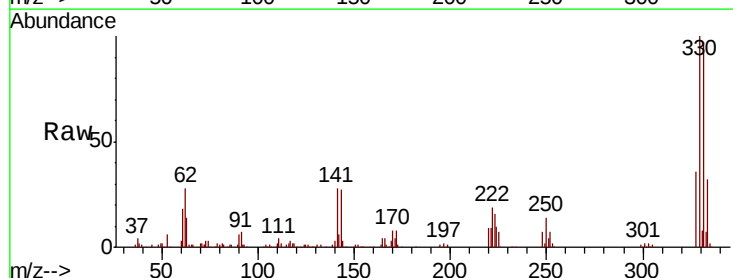
Tgt Ion:330 Resp: 221917

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

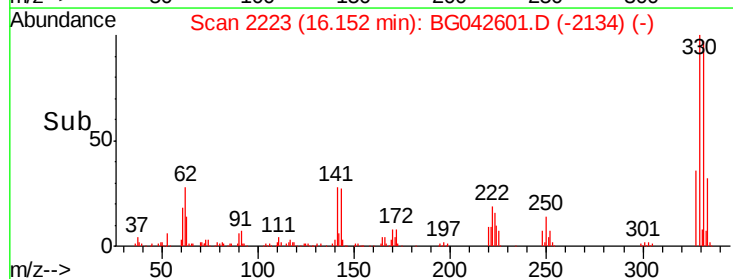
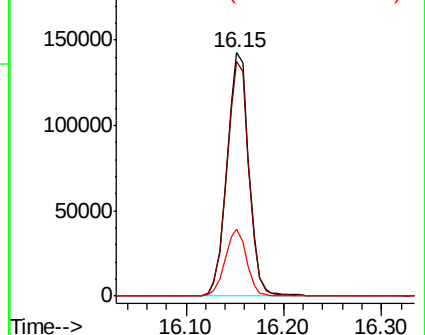
141 26.9 21.4 32.0



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

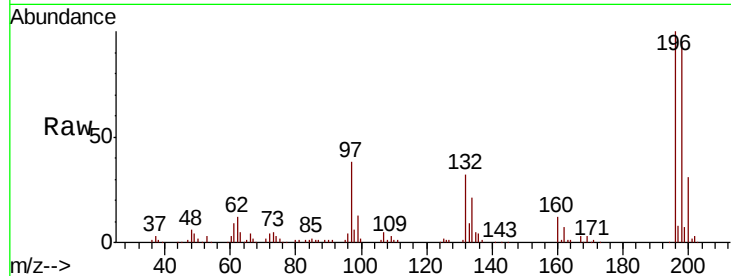




#43
 2,4,6-Trichlorophenol
 Concen: 52.219 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	114971
Ion Ratio	Lower	Upper	
196	100		
198	95.1	80.7	121.1
200	31.2	25.7	38.5

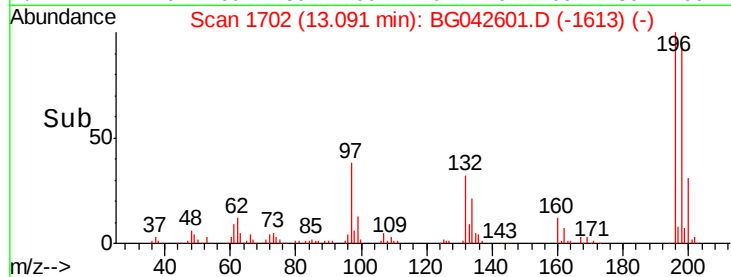
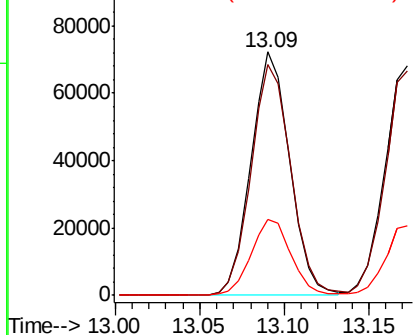


Abundance

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: 54.734 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Tgt Ion	196	Resp	124883
Ion Ratio	Lower	Upper	
196	100		
198	98.0	80.2	120.4
97	31.5	26.3	39.5
132	21.1	16.6	24.8

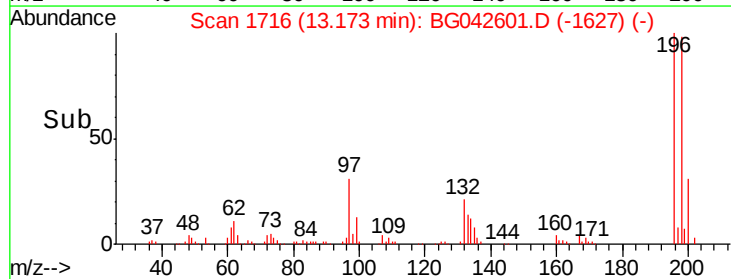
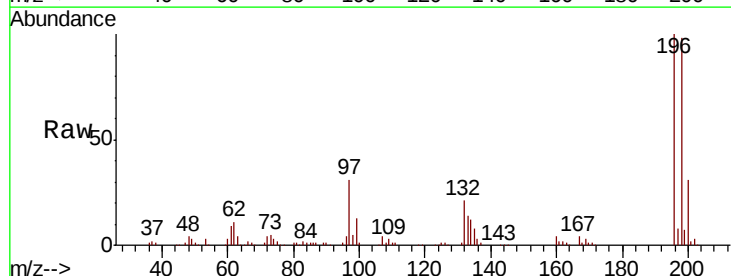
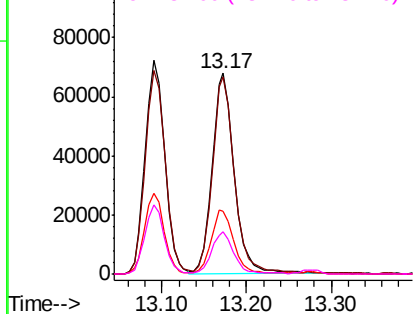
Abundance

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: 87.358 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

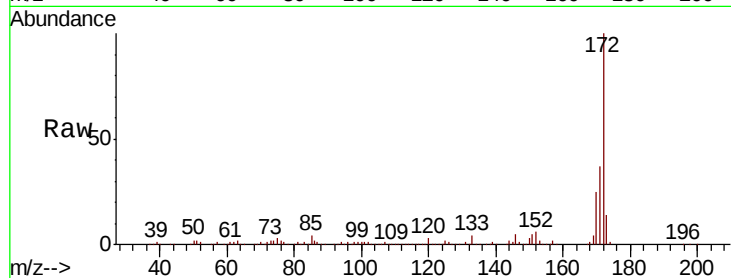
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 523909

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.6	20.2	30.2

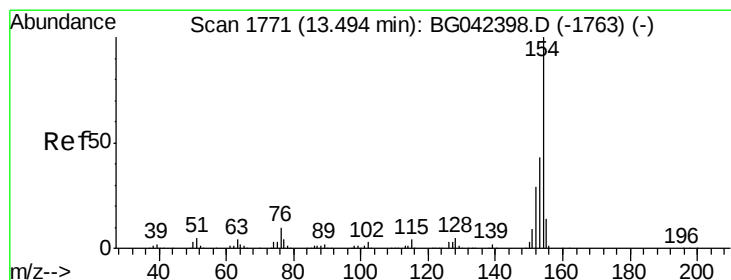
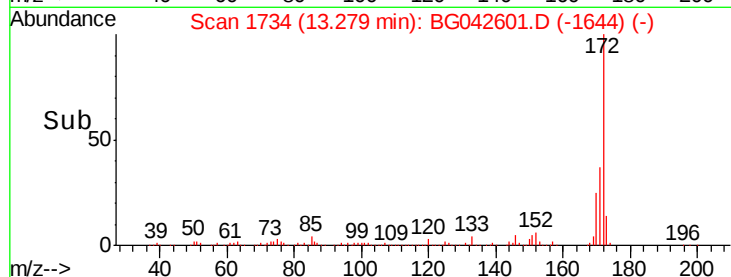
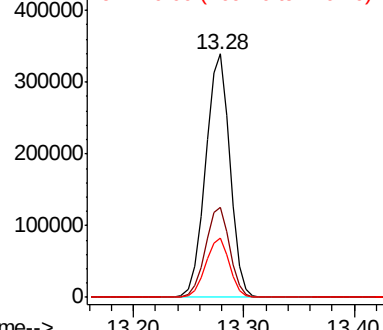


Abundance

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: 51.104 ng

RT: 13.49 min Scan# 1770

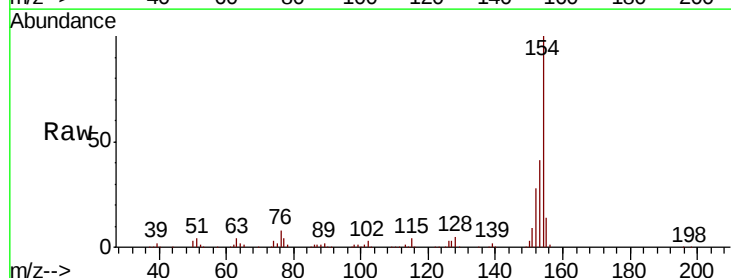
Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Tgt Ion:154 Resp: 335067

Ion	Ratio	Lower	Upper
154	100		
153	41.4	23.0	63.0
76	8.3	0.0	29.6

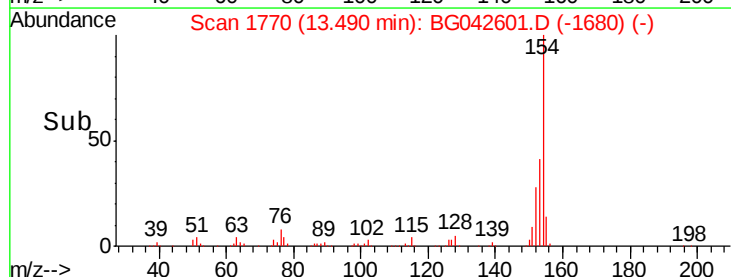
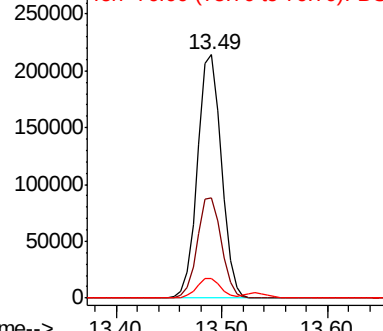


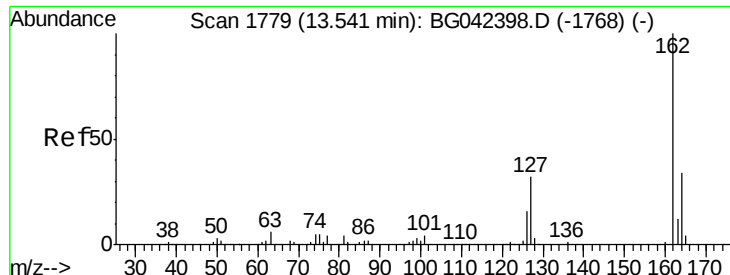
Abundance

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

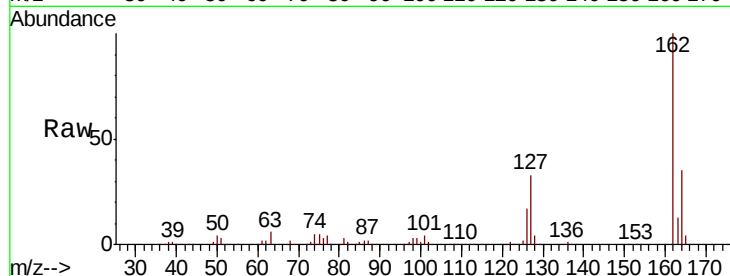




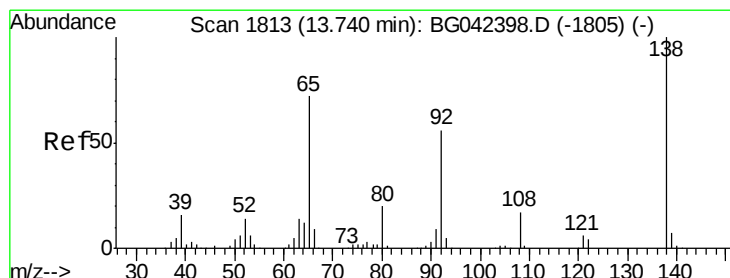
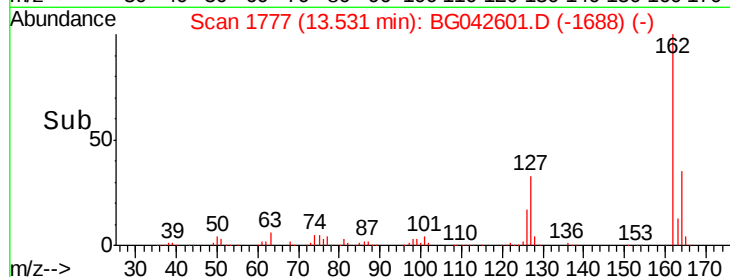
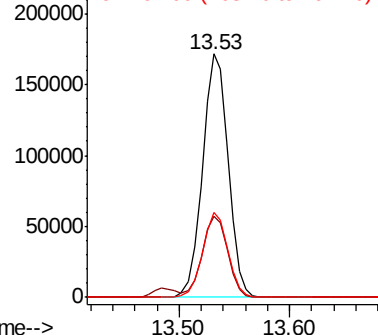
#47
2-Chloronaphthalene
Concen: 49.250 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.3	26.0	39.0
164	35.1	27.4	41.0

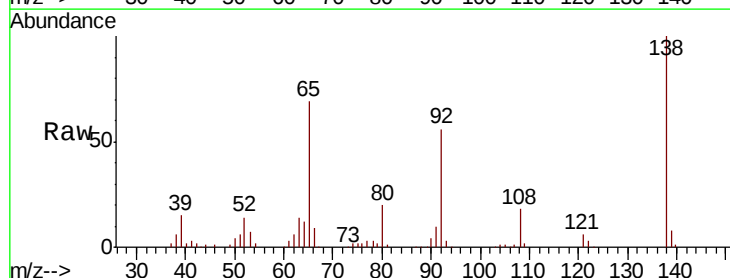


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

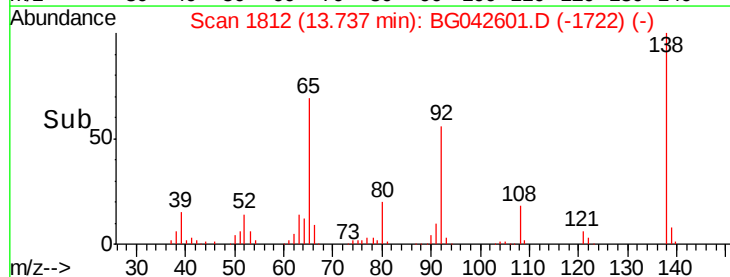
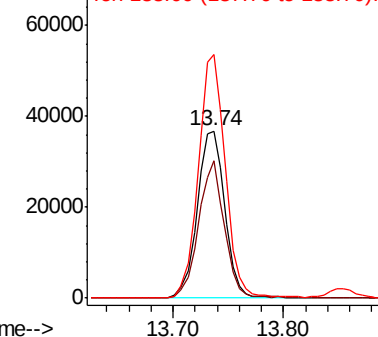


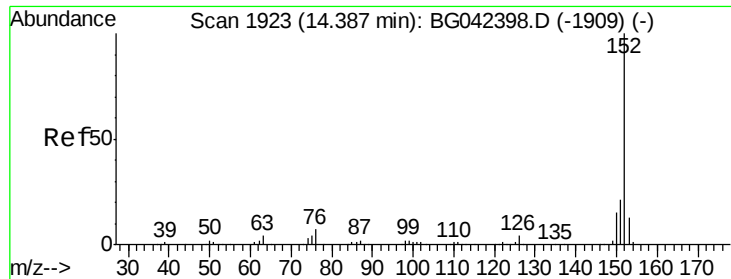
#48
2-Nitroaniline
Concen: 46.928 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	81.8	61.8	92.6
138	145.6	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: 51.102 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

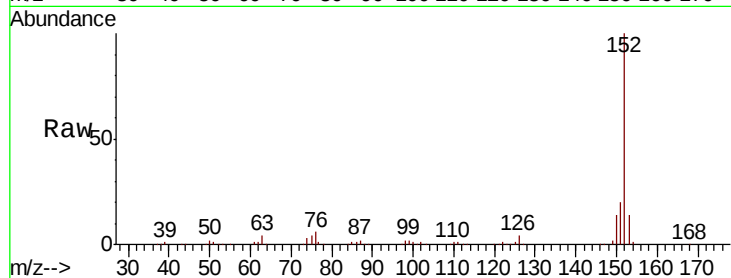
Tot Ion:152 Resp: 434647

Ion Ratio Lower Upper

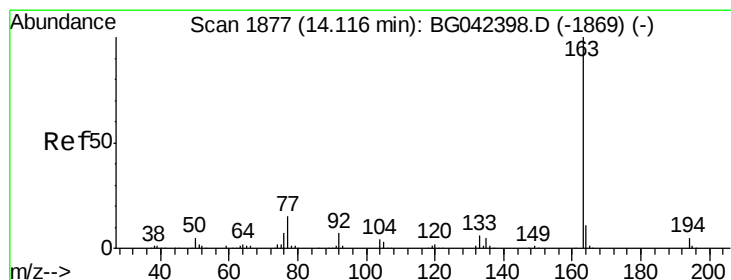
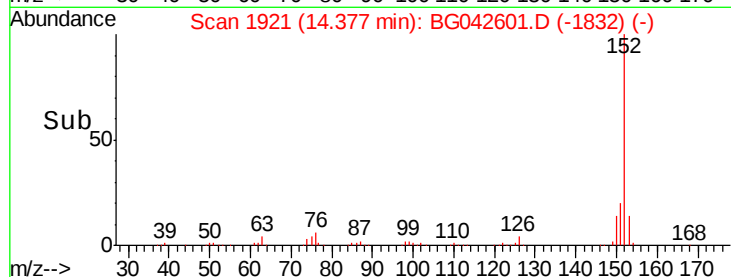
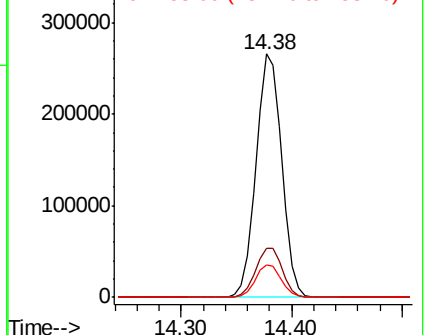
152 100

151 20.0 17.0 25.4

153 13.5 10.6 16.0



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



#50

Dimethylphthalate

Concen: 57.521 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

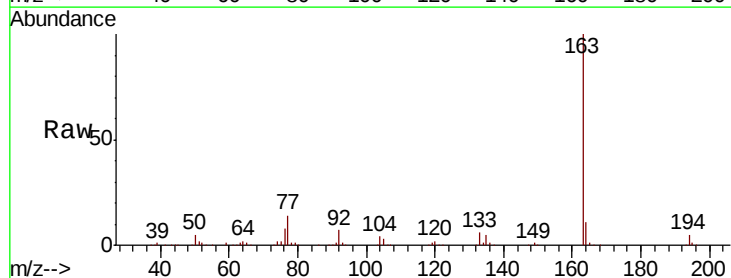
Tgt Ion:163 Resp: 420978

Ion Ratio Lower Upper

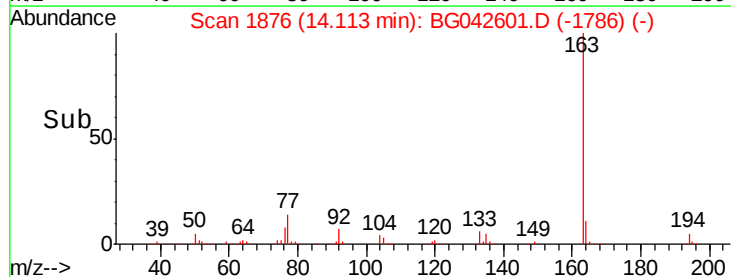
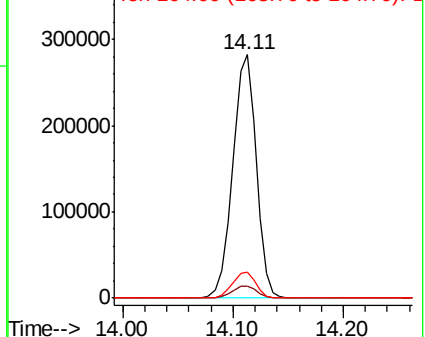
163 100

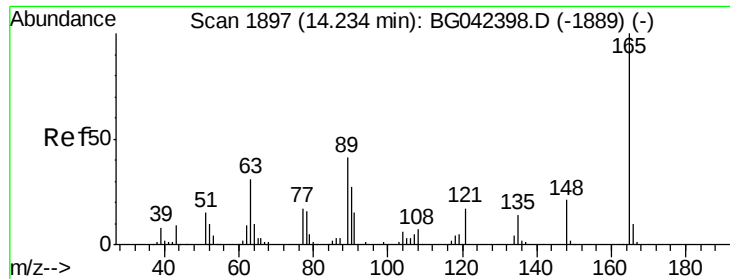
194 5.1 4.2 6.2

164 10.6 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

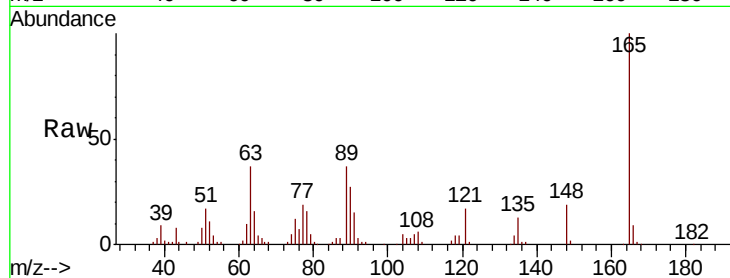




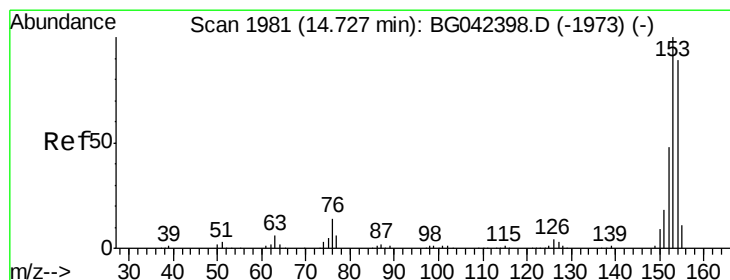
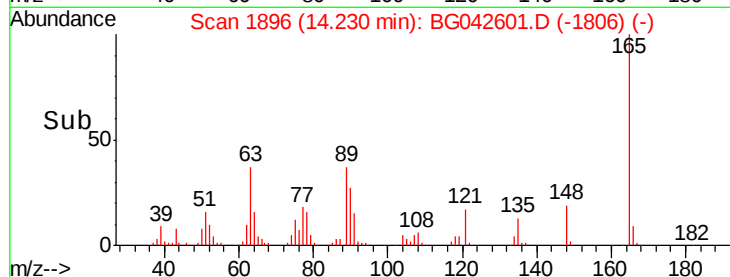
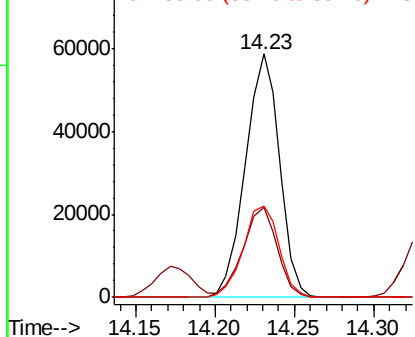
#51
 2,6-Dinitrotoluene
 Concen: 51.644 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.0	30.6	45.8
89	37.4	32.6	49.0

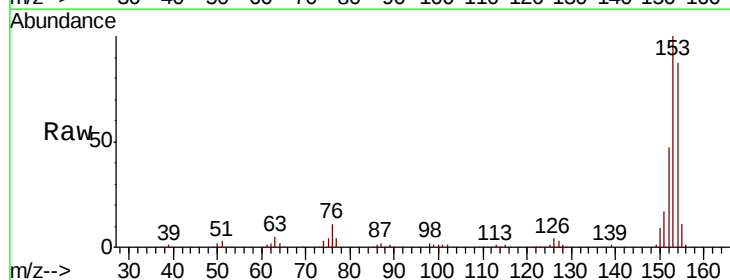


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

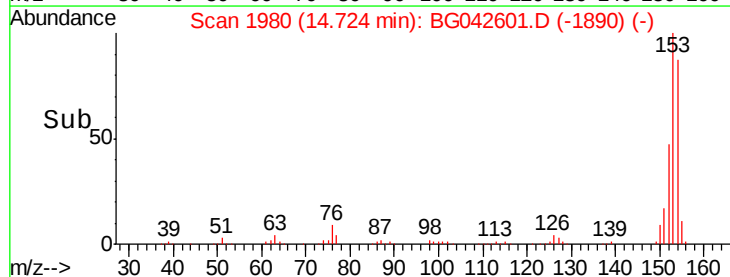
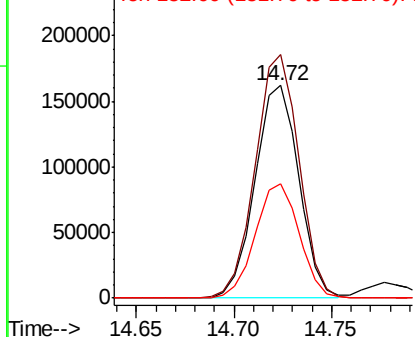


#52
 Acenaphthene
 Concen: 48.880 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.2	135.4
152	54.1	43.2	64.8



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

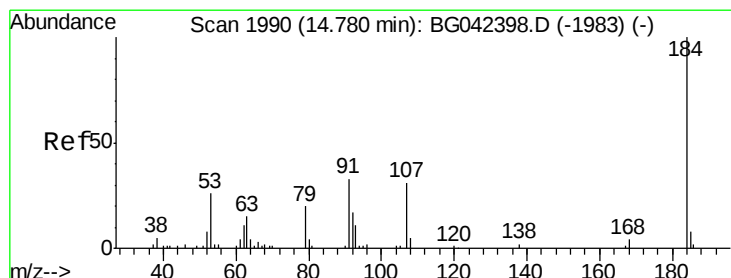
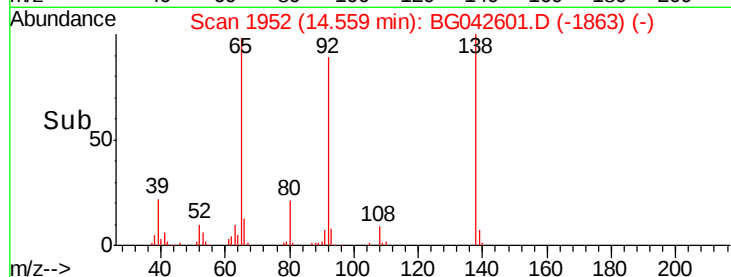
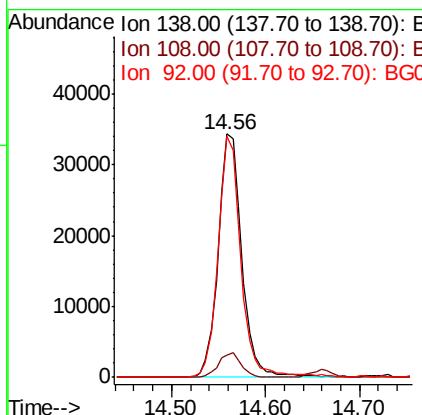
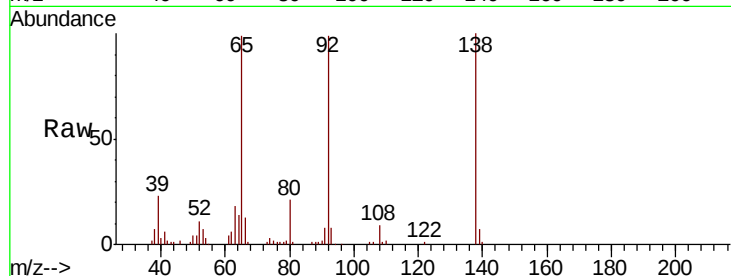




#53
3-Nitroaniline
Concen: 35.433 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

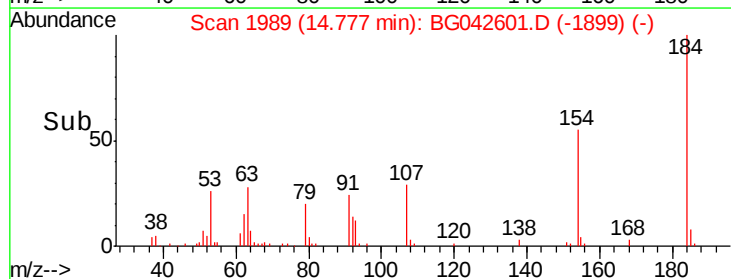
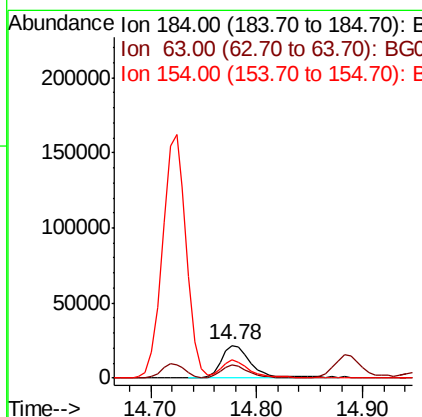
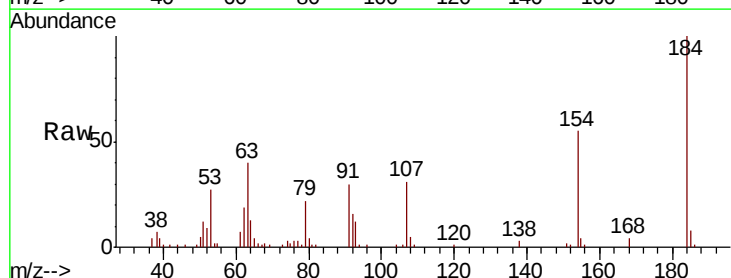
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 60114
Ion Ratio Lower Upper
138 100
108 9.1 8.3 12.5
92 98.9 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 41.367 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion:184 Resp: 43553
Ion Ratio Lower Upper
184 100
63 40.2 31.7 47.5
154 55.5 42.0 63.0





#55

Dibenzenofuran

Concen: 51.327 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

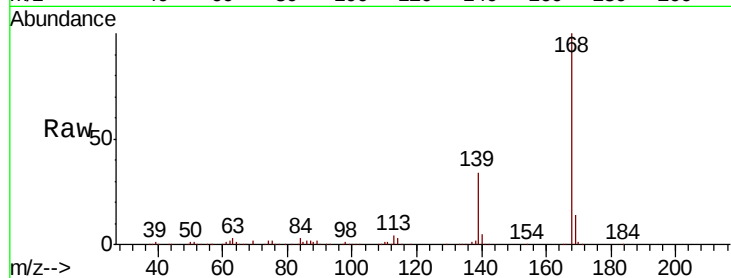
Tot Ion:168 Resp: 438799

Ion Ratio Lower Upper

168 100

139 34.5 27.2 40.8

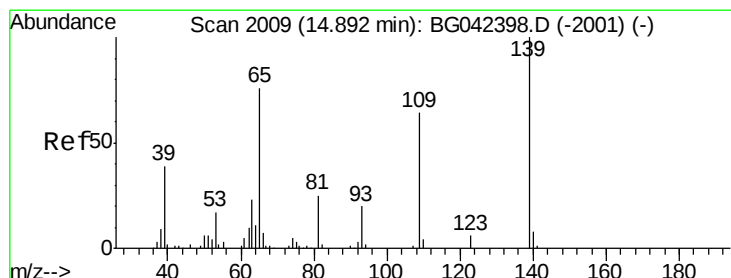
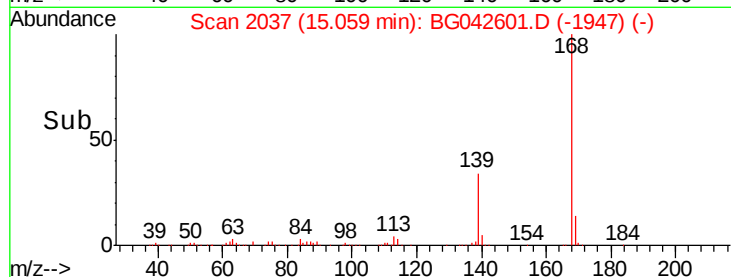
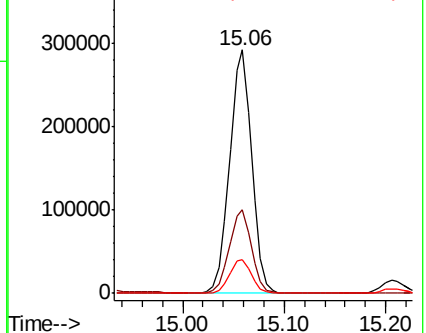
169 14.1 11.5 17.3



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: 106.566 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

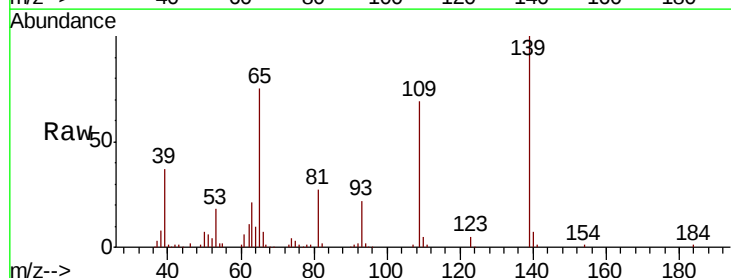
Tgt Ion:139 Resp: 128469

Ion Ratio Lower Upper

139 100

109 69.3 43.9 83.9

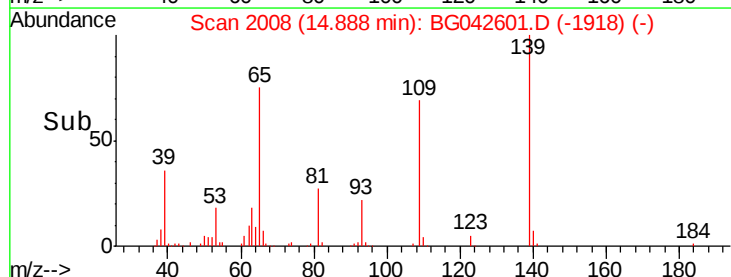
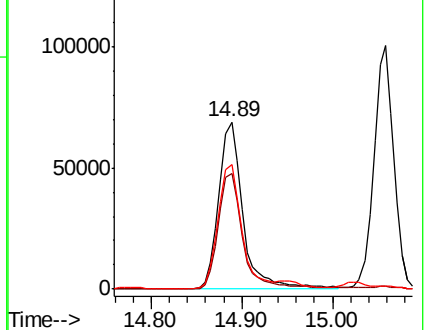
65 74.7 56.3 96.3

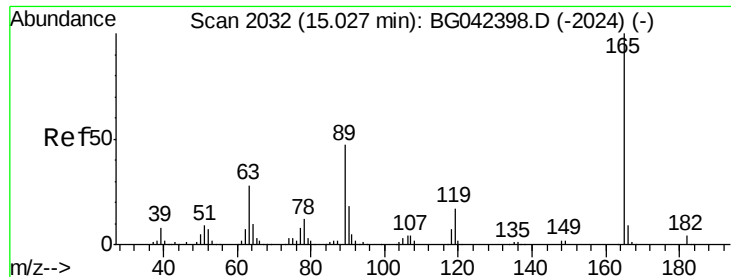


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

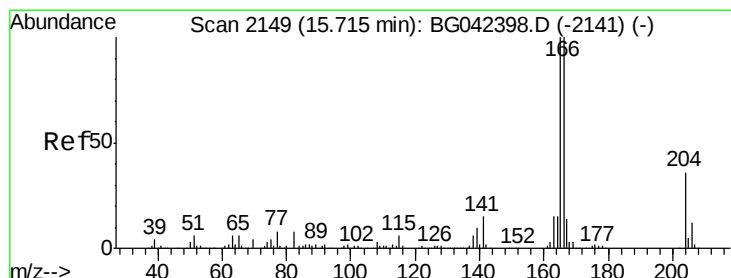
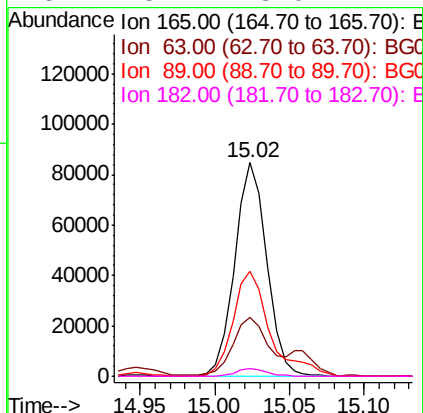
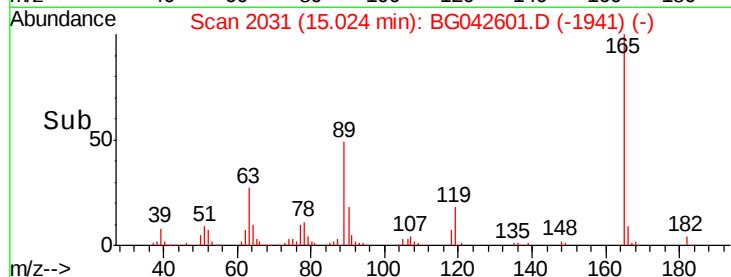
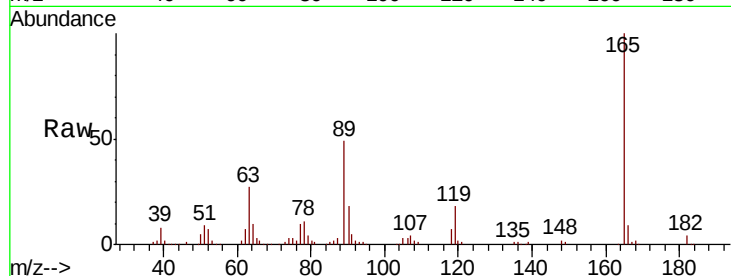




#57
 2,4-Dinitrotoluene
 Concen: 51.898 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

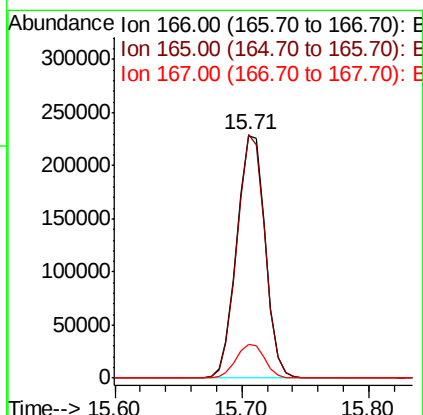
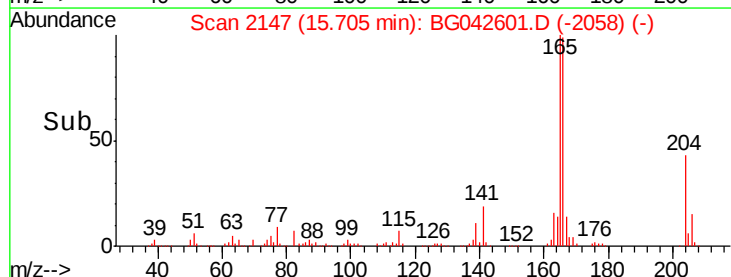
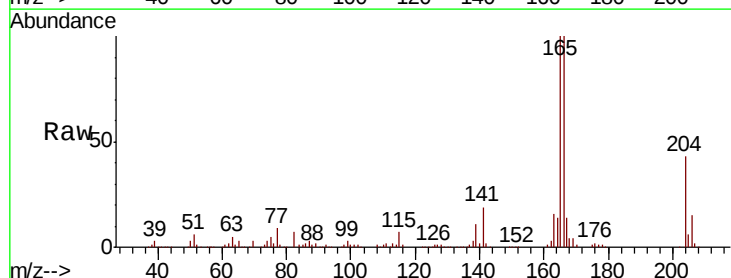
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	126071
Ion	Ratio	Lower Upper
165	100	
63	27.3	22.5 33.7
89	49.1	37.8 56.6
182	3.7	3.0 4.4



#58
 Fluorene
 Concen: 50.748 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Tgt Ion:166	Resp:	354642
Ion	Ratio	Lower Upper
166	100	
165	100.3	79.7 119.5
167	14.0	10.9 16.3

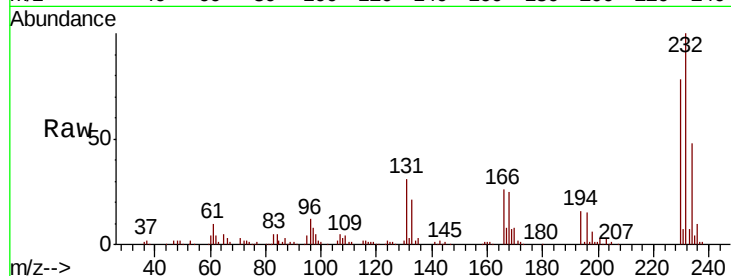




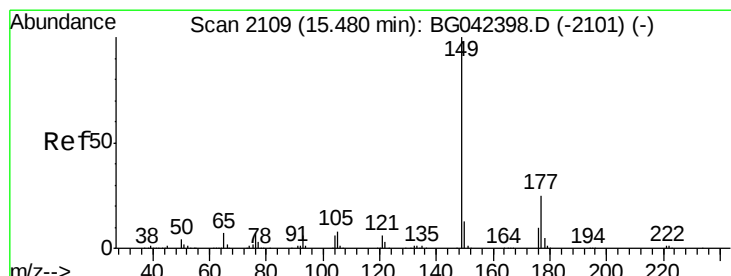
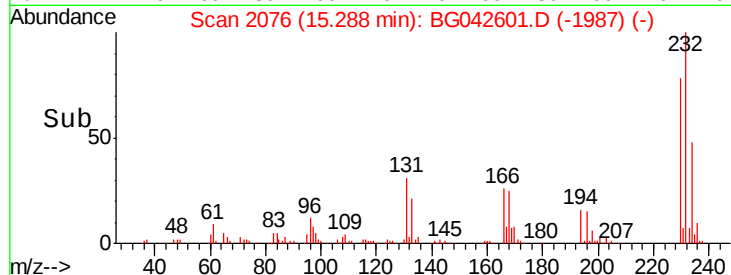
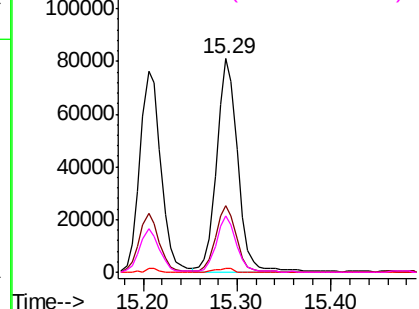
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.729 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	128000
Ion	Ratio	Lower	Upper
232	100		
131	31.0	22.9	34.3
130	1.5	1.4	2.0
166	24.9	17.0	25.4

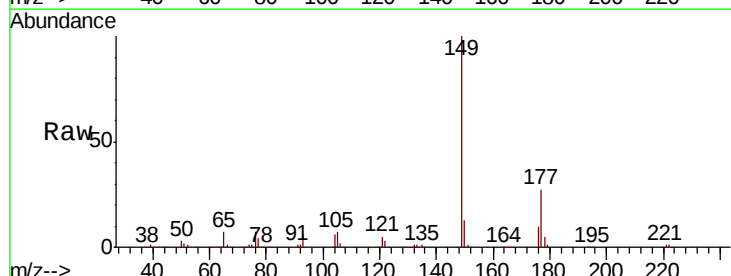


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

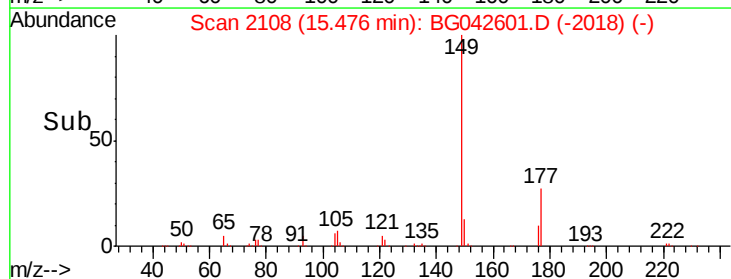
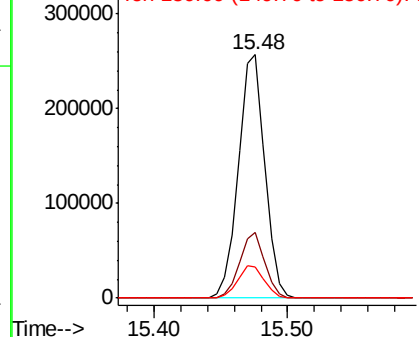


#60
Diethylphthalate
Concen: 49.190 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion:	149	Resp:	351921
Ion	Ratio	Lower	Upper
149	100		
177	26.8	20.4	30.6
150	12.9	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

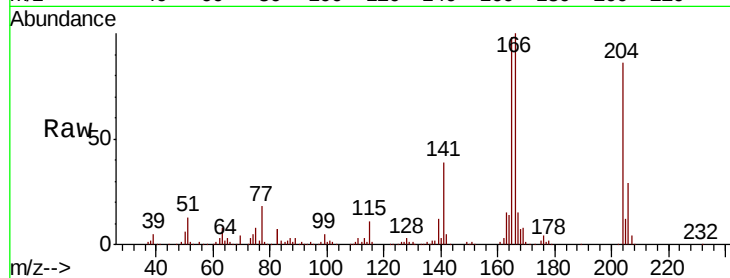




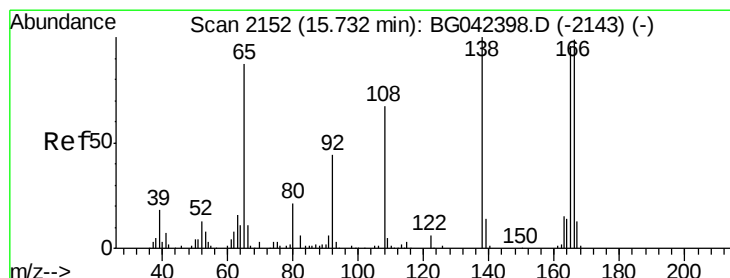
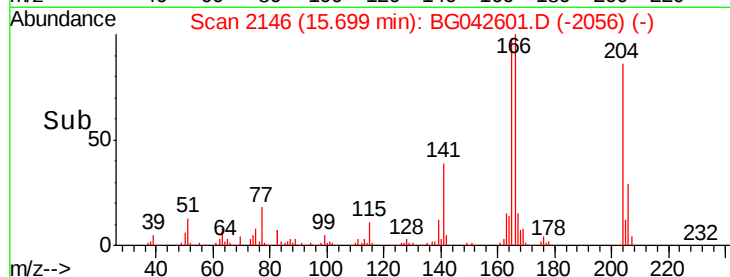
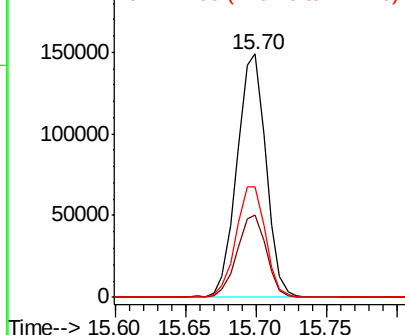
#61
4-Chlorophenyl-phenylether
Concen: 50.572 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 213042
Ion Ratio Lower Upper
204 100
206 34.0 27.2 40.8
141 45.5 38.7 58.1

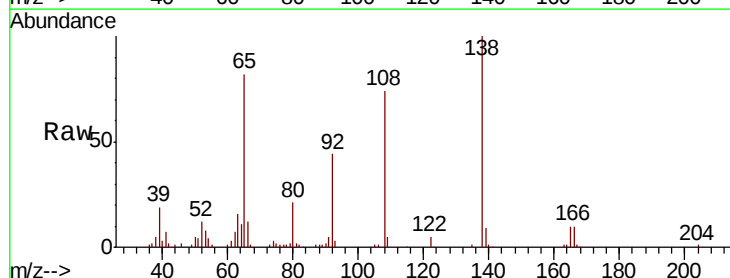


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

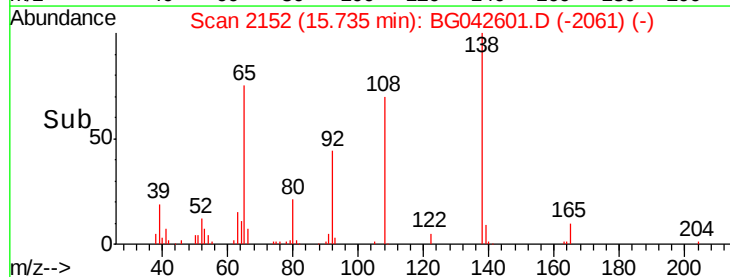
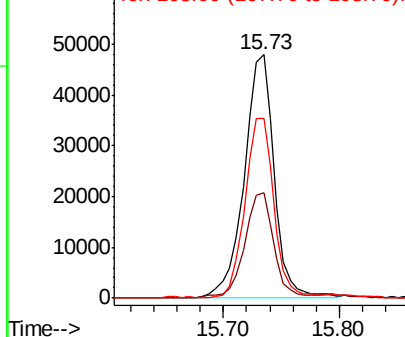


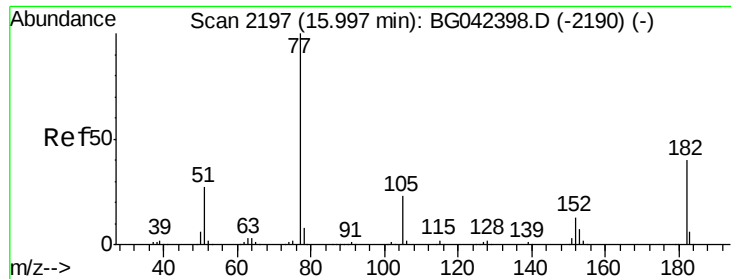
#62
4-Nitroaniline
Concen: 47.787 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion:138 Resp: 86769
Ion Ratio Lower Upper
138 100
92 43.5 24.2 64.2
108 74.0 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: 47.340 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 232076

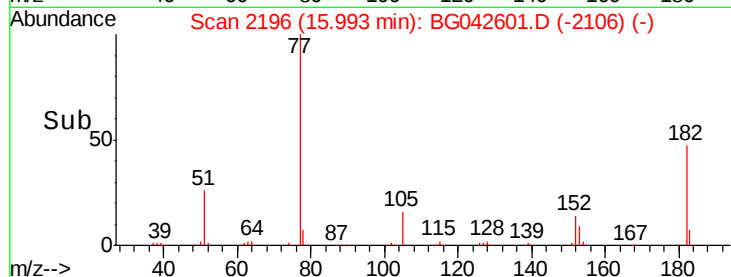
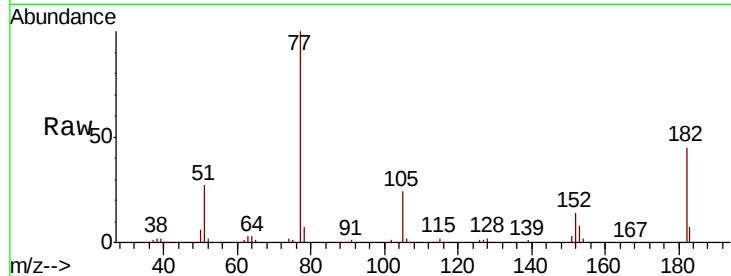
Ion Ratio Lower Upper

77 100

182 45.4 19.9 59.9

105 23.5 2.9 42.9

51 27.3 7.6 47.6

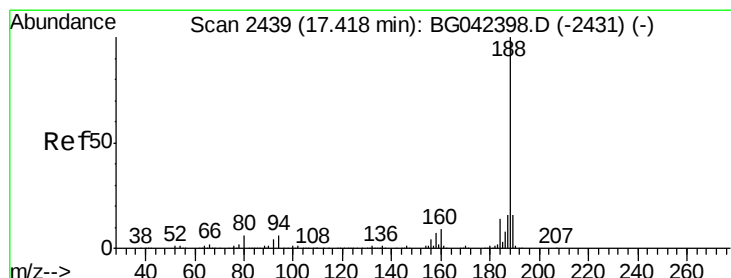
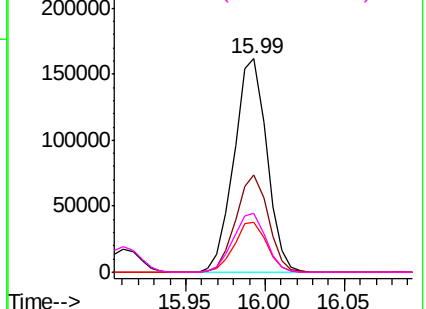


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2437

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

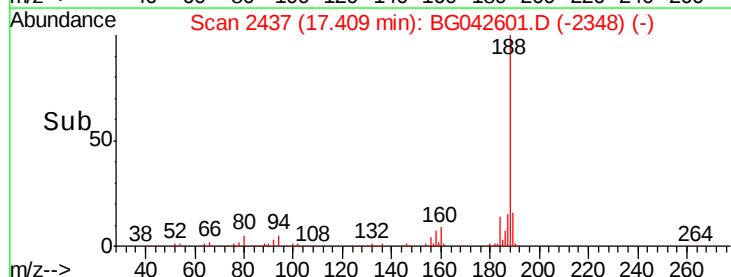
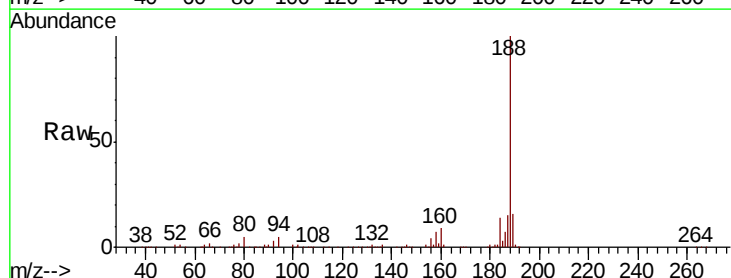
Tgt Ion: 188 Resp: 240511

Ion Ratio Lower Upper

188 100

94 5.0 4.5 6.7

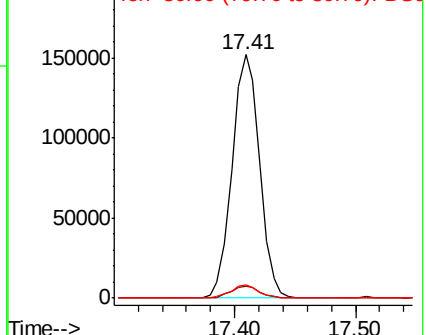
80 5.4 4.9 7.3

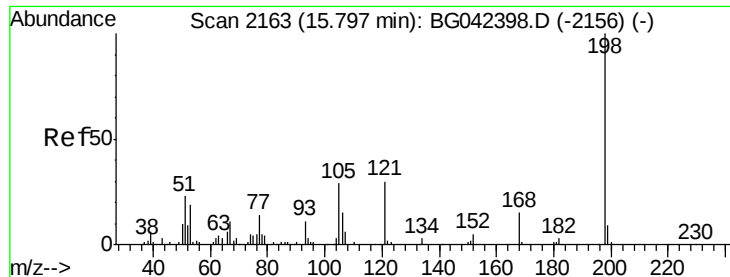


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 47.413 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

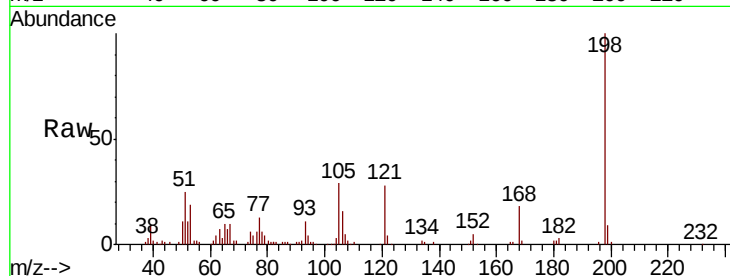
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 71494

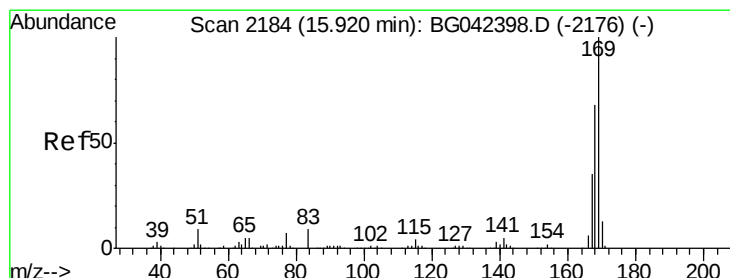
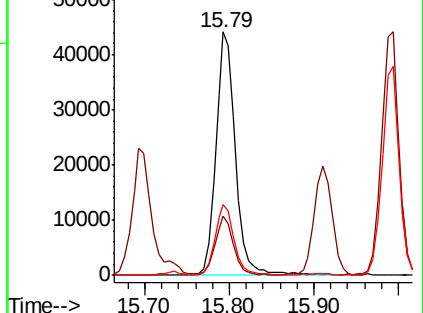
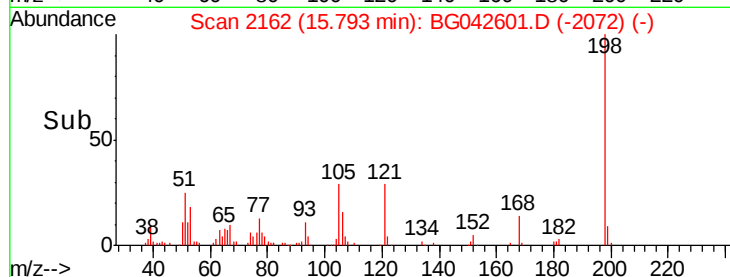
Ion	Ratio	Lower	Upper
198	100		
51	24.5	4.2	44.2
105	28.9	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.707 ng

RT: 15.91 min Scan# 2182

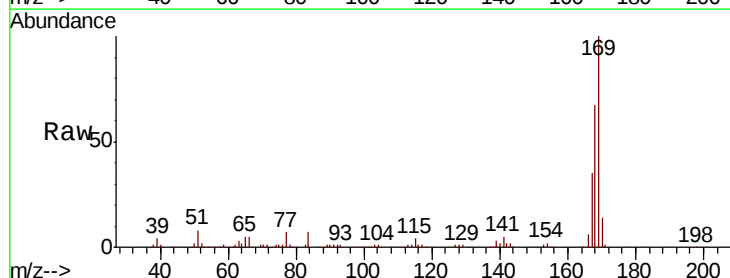
Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Tgt Ion:169 Resp: 335388

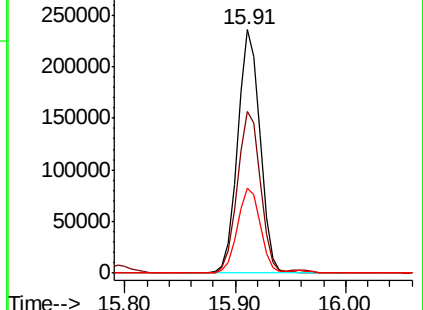
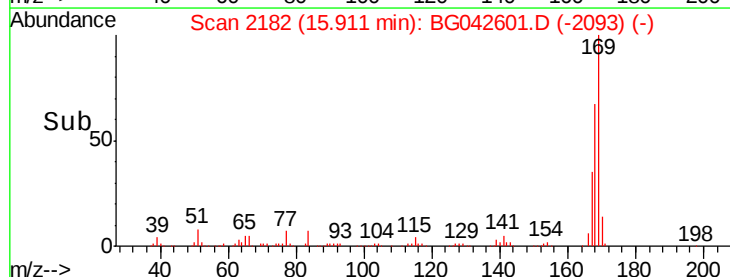
Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.3	81.5
167	35.1	28.2	42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

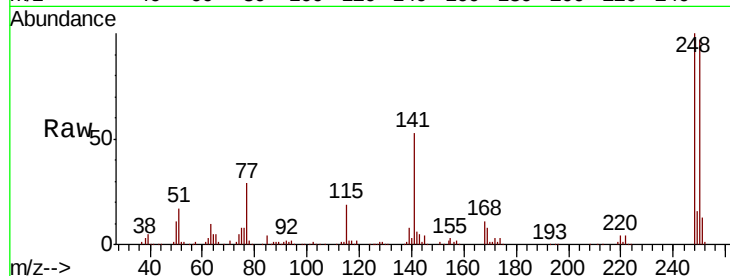




#67
 4-Bromophenyl-phenylether
 Concen: 49.777 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.9	118.3
141	53.0	43.3	64.9

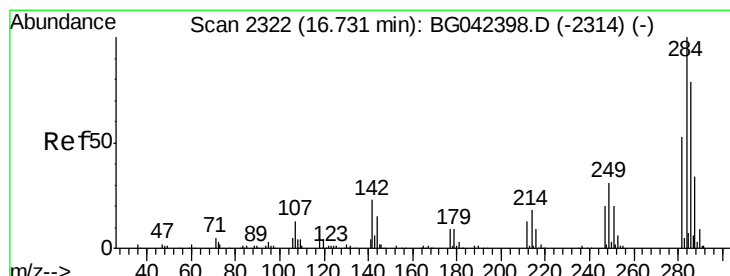
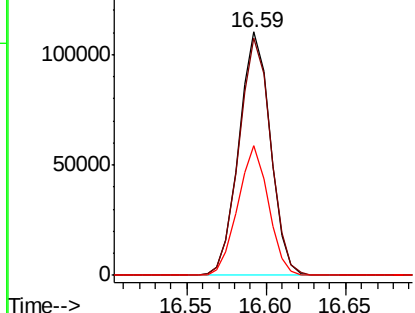
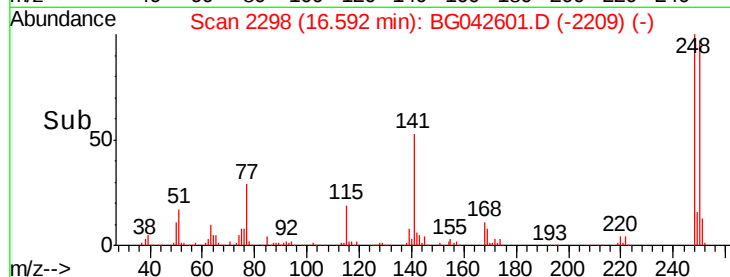


Abundance

Ion 248.00 (247.70 to 248.70): E

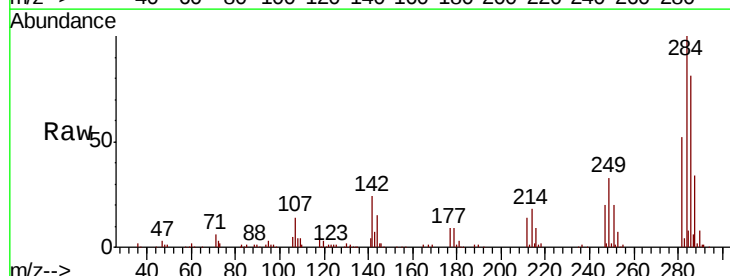
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 47.931 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042601.D
 Acq: 30 Aug 2019 15:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.0	18.2	27.4
249	32.8	25.0	37.4

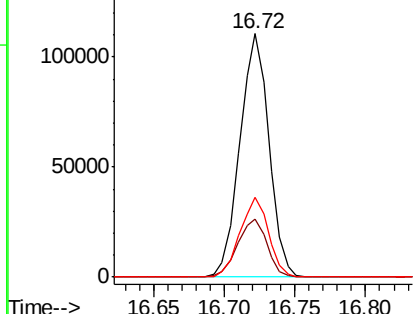
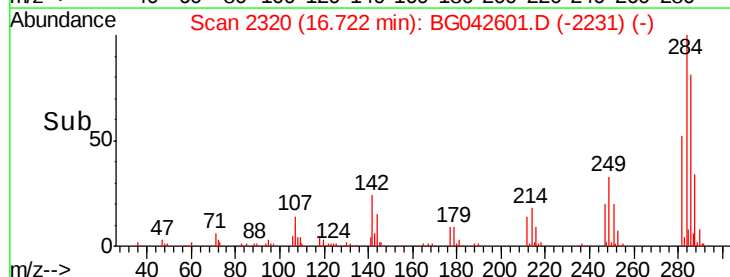


Abundance

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: 55.525 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampled :

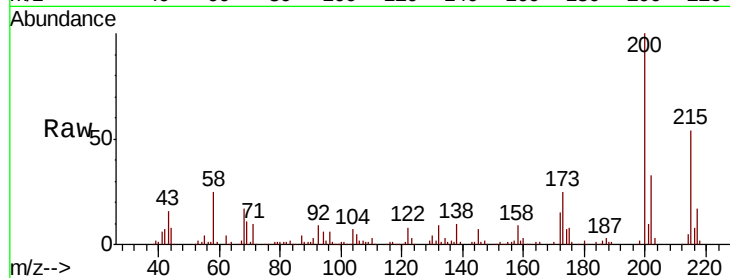
Tot Ion:200 Resp: 129873

Ion Ratio Lower Upper

200 100

173 25.0 4.9 44.9

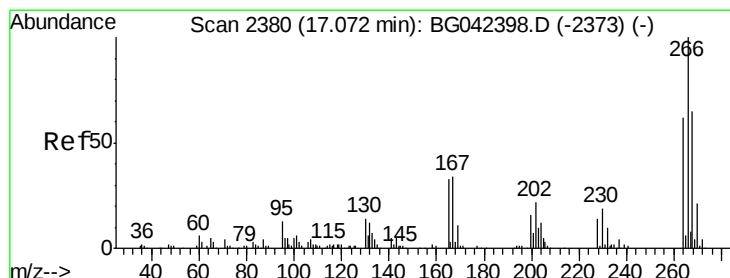
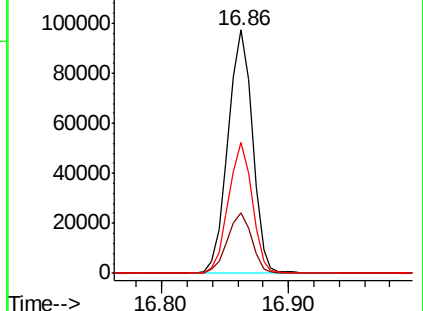
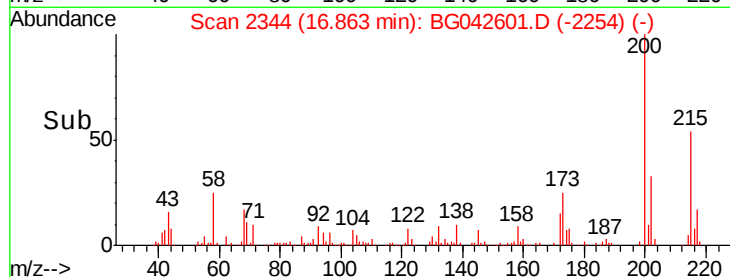
215 53.6 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 107.379 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

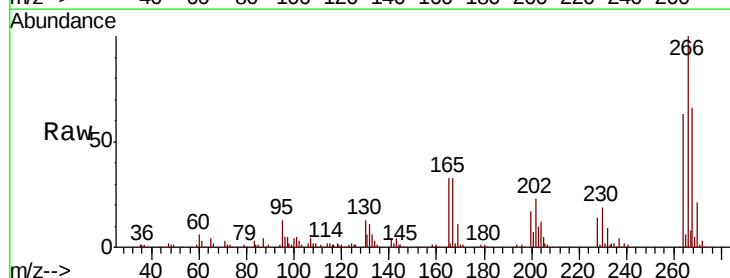
Tgt Ion:266 Resp: 185028

Ion Ratio Lower Upper

266 100

268 65.6 52.1 78.1

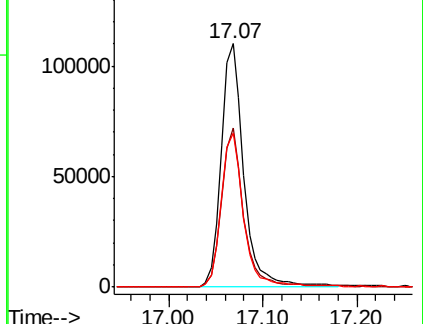
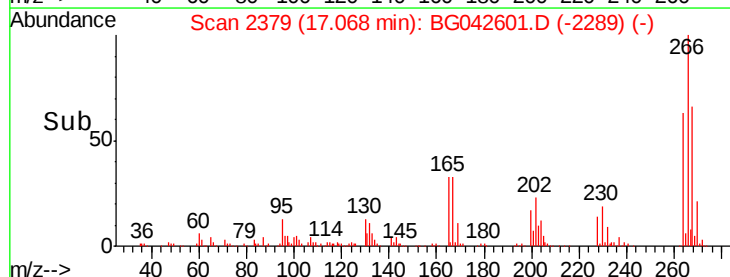
264 63.3 49.4 74.2



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

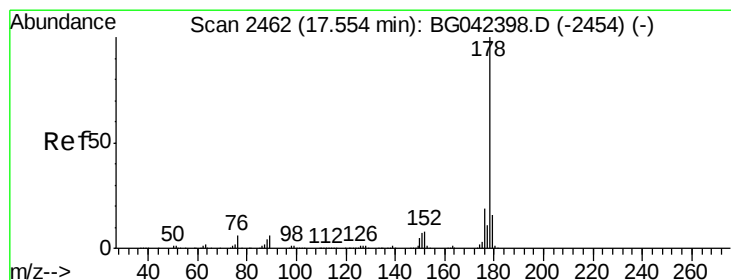
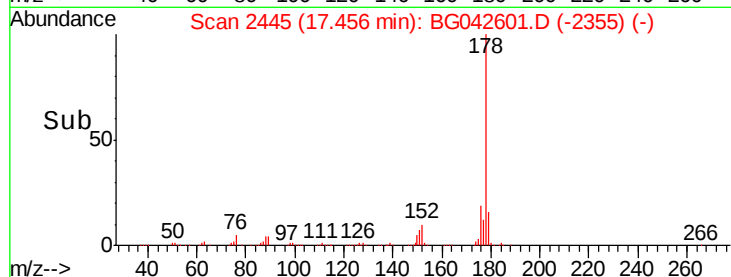
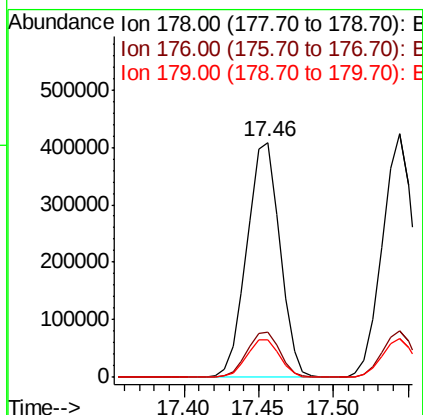
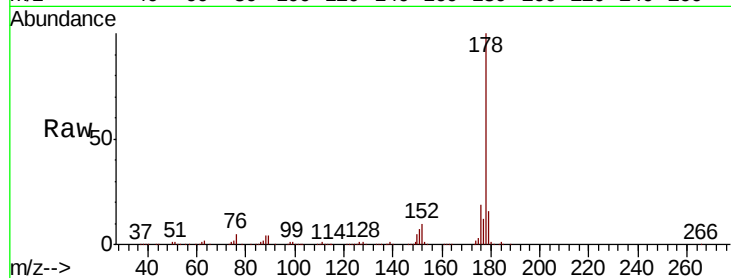




#71
Phenanthrene
Concen: 52.298 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

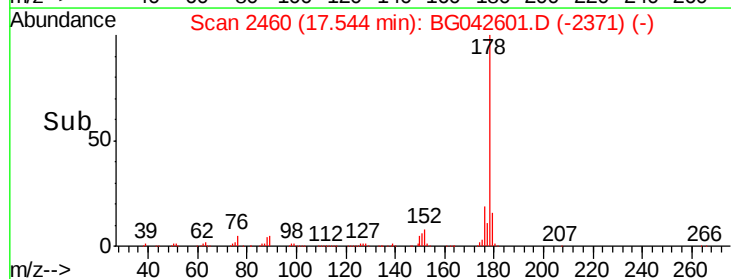
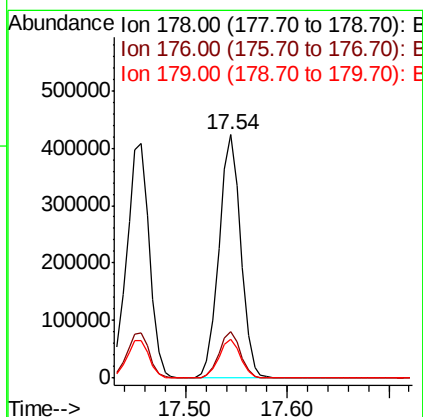
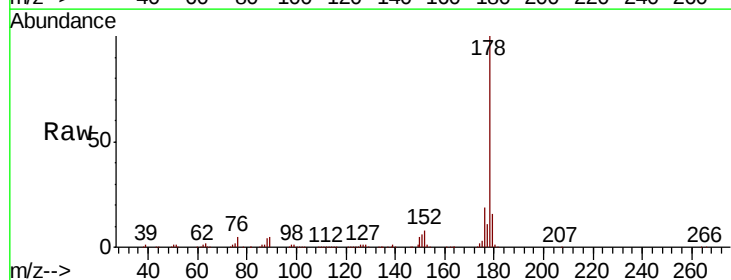
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 624781
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 16.2 12.7 19.1



#72
Anthracene
Concen: 52.715 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion:178 Resp: 628694
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.0 12.9 19.3





#73

Carbazole

Concen: 52.598 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

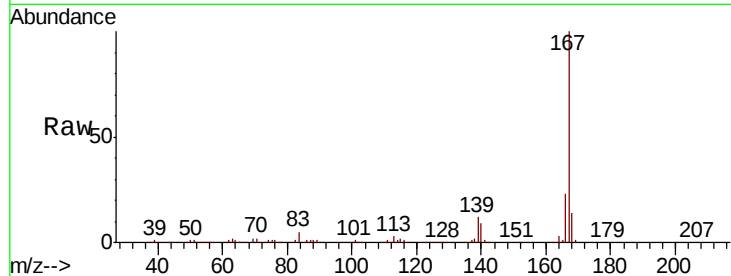
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 559077

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.9	28.3
139	11.6	9.8	14.6

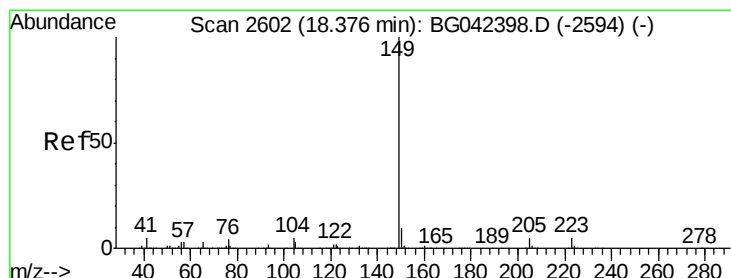
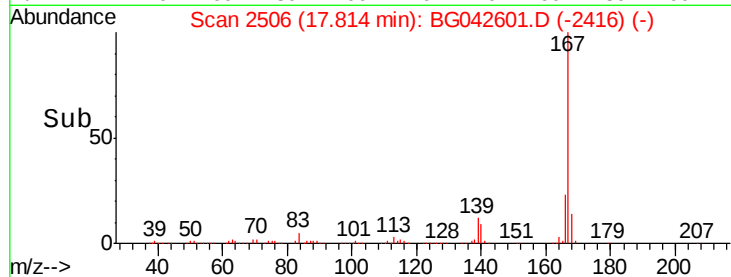
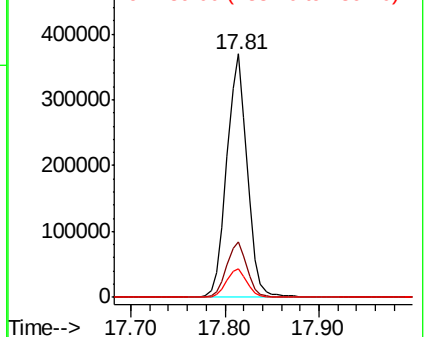


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.299 ng

RT: 18.37 min Scan# 2600

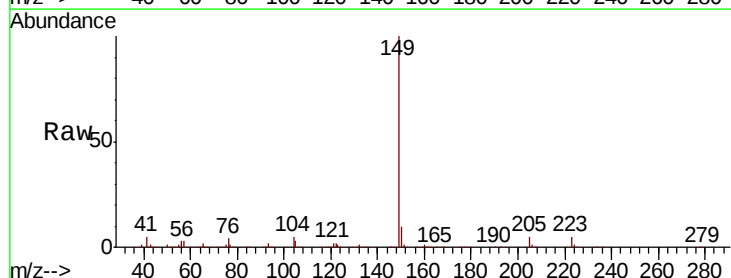
Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Tgt Ion:149 Resp: 619423

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.7	3.7	5.5

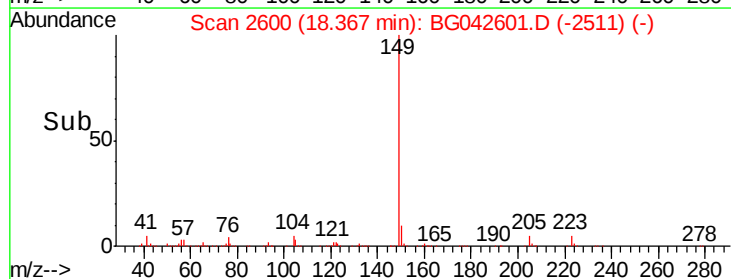
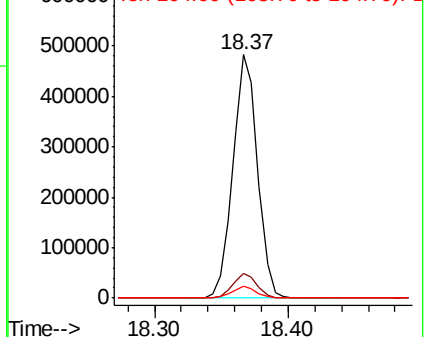


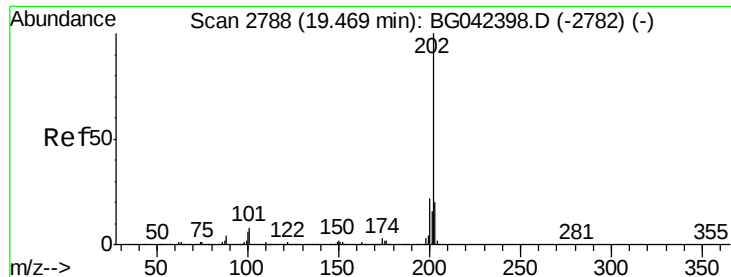
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.076 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

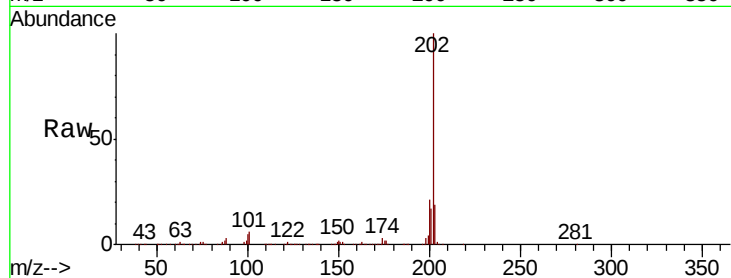
Tot Ion:202 Resp: 817587

Ion Ratio Lower Upper

202 100

101 6.2 0.0 28.3

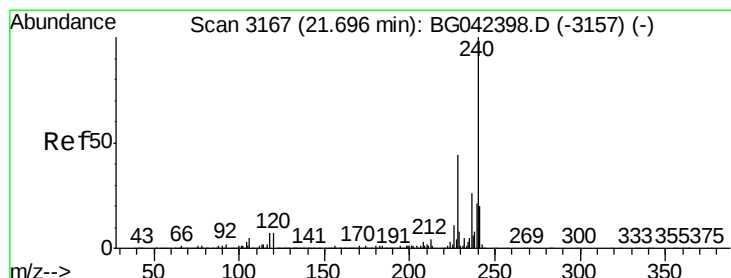
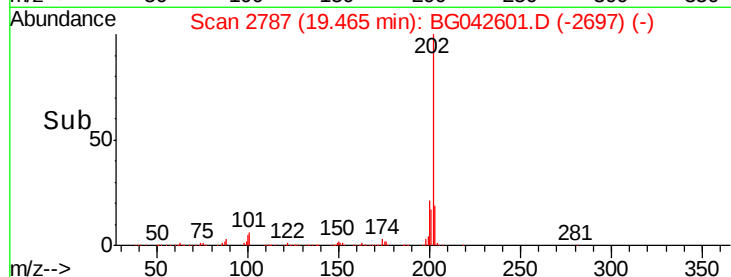
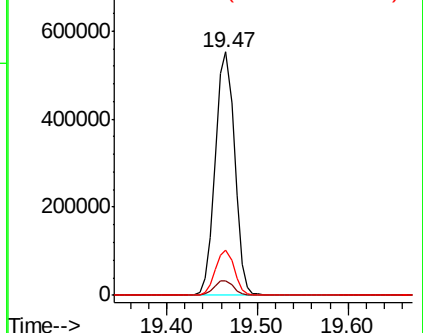
203 18.8 0.0 39.6



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# 3165

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

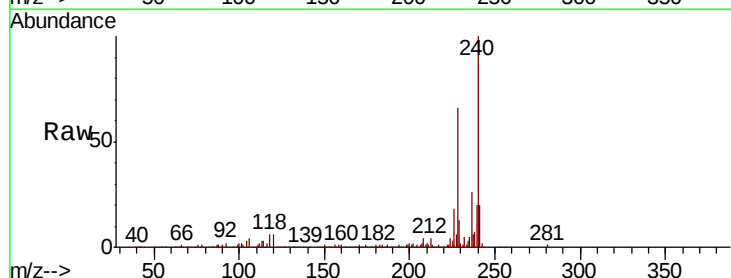
Tgt Ion:240 Resp: 256811

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

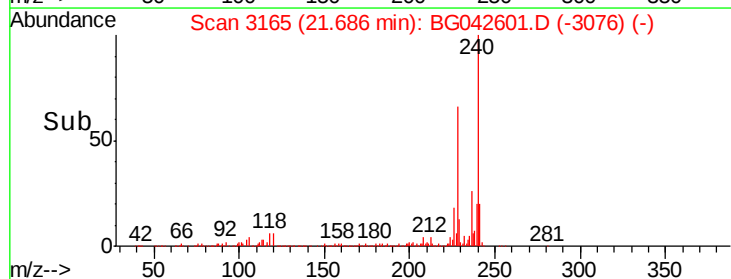
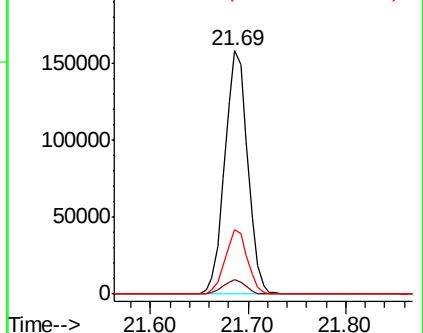
236 26.2 21.0 31.4



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: 62.382 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

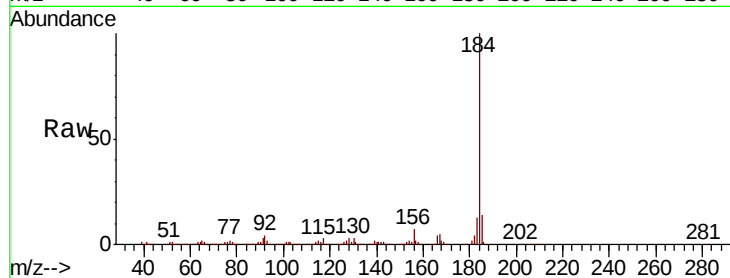
Tot Ion:184 Resp: 459312

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

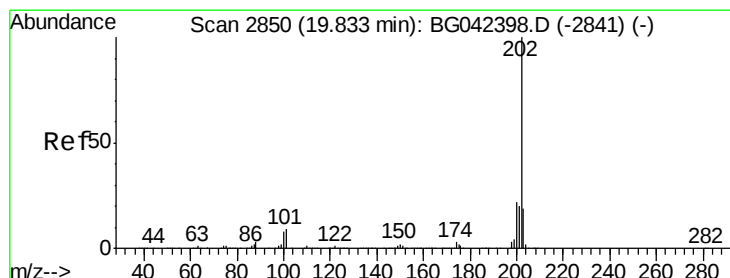
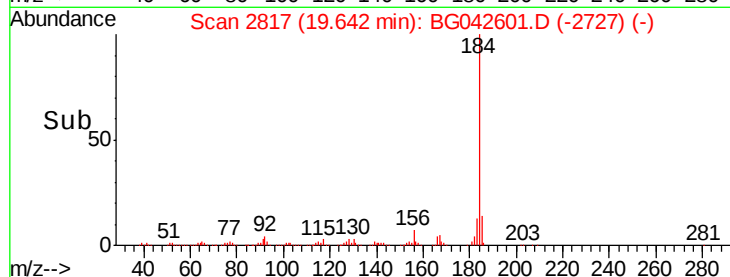
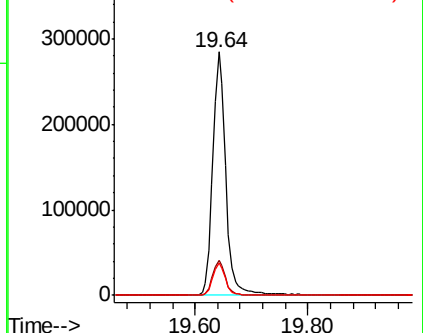
183 13.1 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.972 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

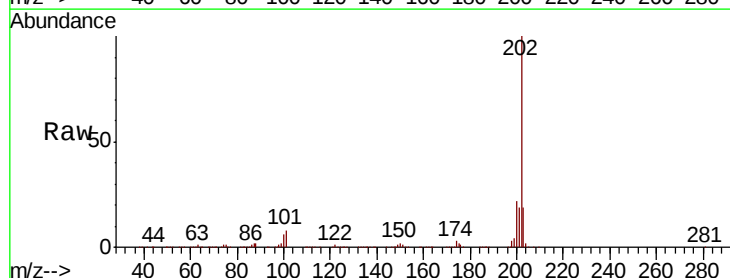
Tgt Ion:202 Resp: 802547

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

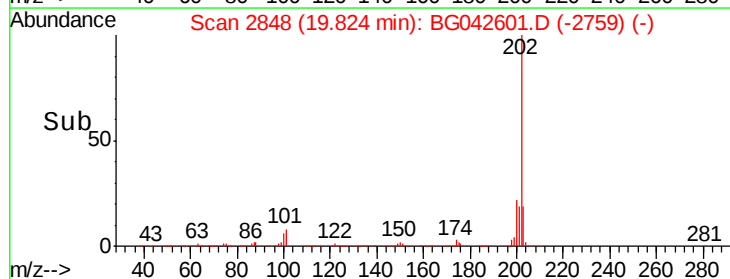
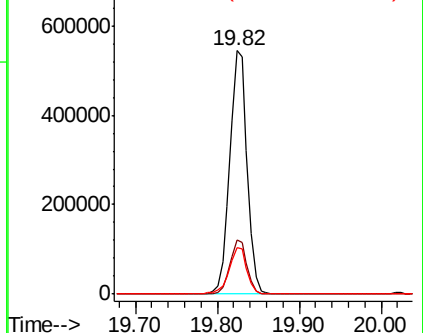
203 19.1 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.215 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampled :

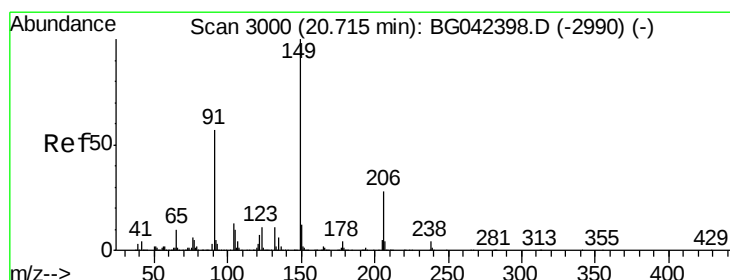
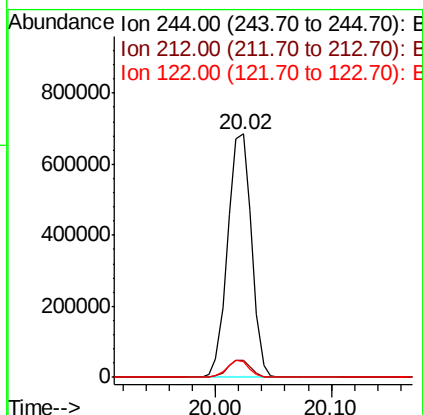
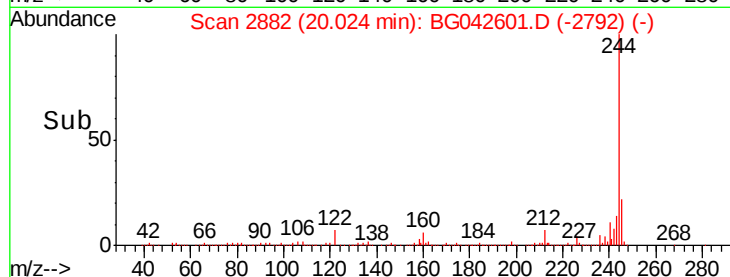
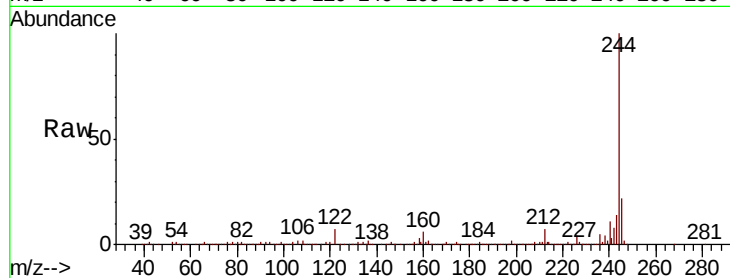
Tot Ion:244 Resp: 976625

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 6.5 6.7 10.1#



#80

Butylbenzylphthalate

Concen: 46.769 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

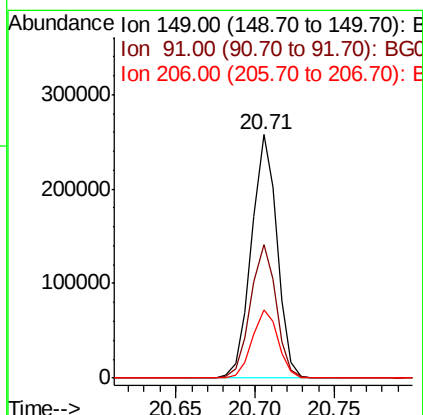
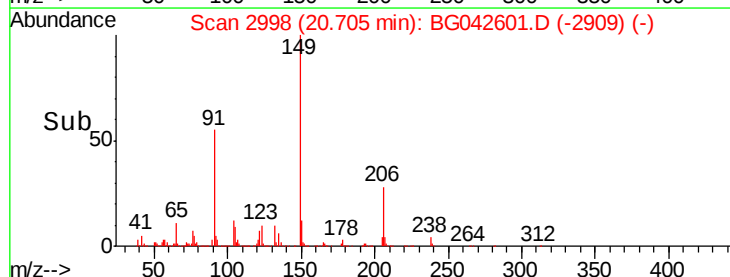
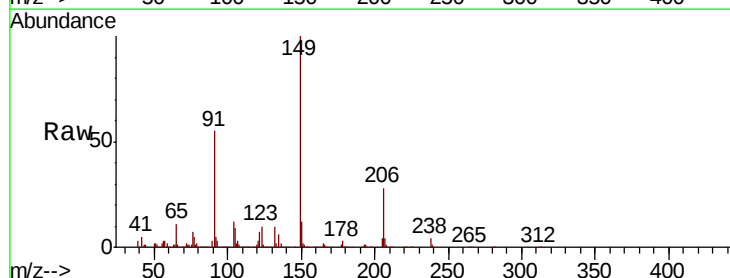
Tgt Ion:149 Resp: 289633

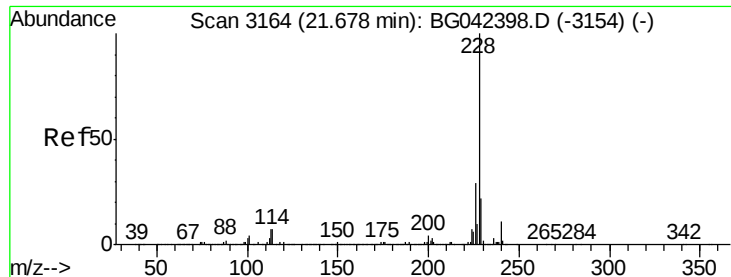
Ion Ratio Lower Upper

149 100

91 55.0 45.9 68.9

206 28.3 22.5 33.7





#81

Benzo(a)anthracene

Concen: 50.191 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

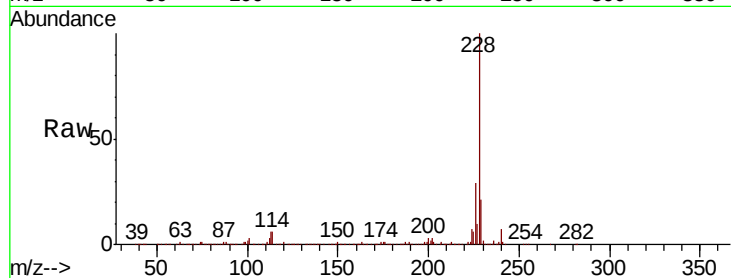
Tot Ion:228 Resp: 784102

Ion Ratio Lower Upper

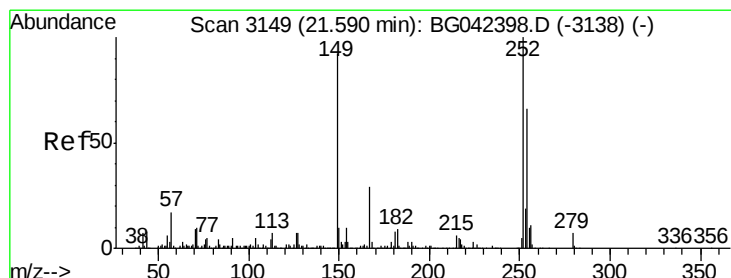
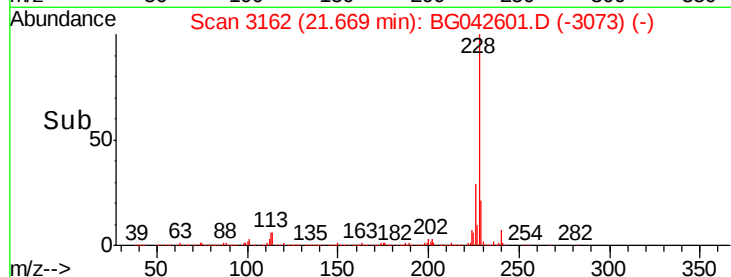
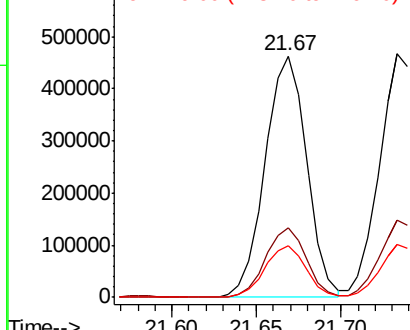
228 100

226 28.7 23.4 35.2

229 21.3 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: 43.131 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

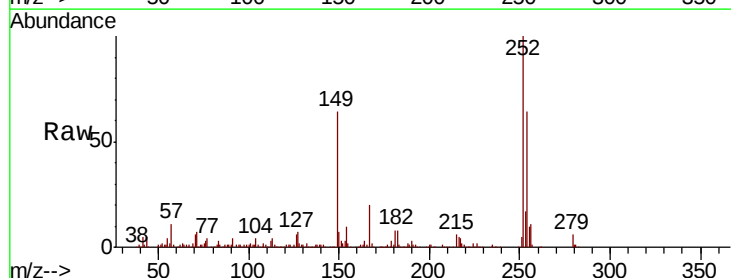
Tgt Ion:252 Resp: 270994

Ion Ratio Lower Upper

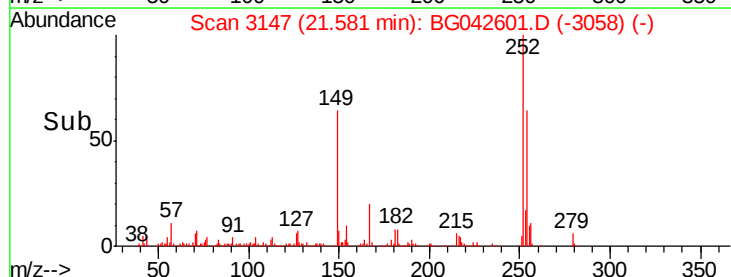
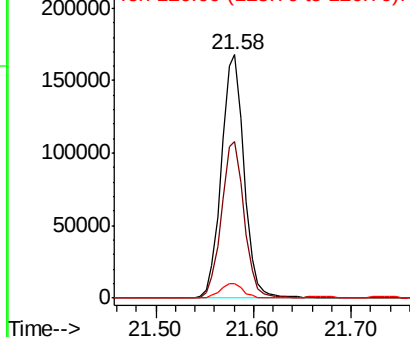
252 100

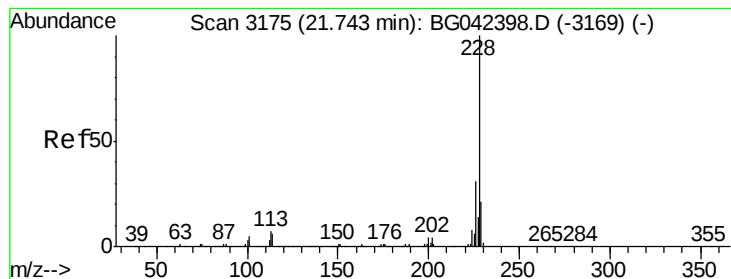
254 64.1 53.0 79.4

126 6.0 5.7 8.5



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





#83

Chrysene

Concen: 50.388 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

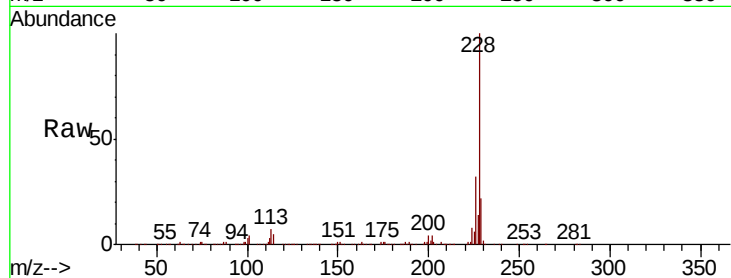
Tot Ion:228 Resp: 759165

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

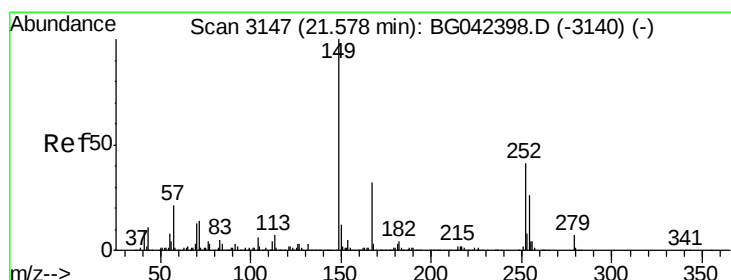
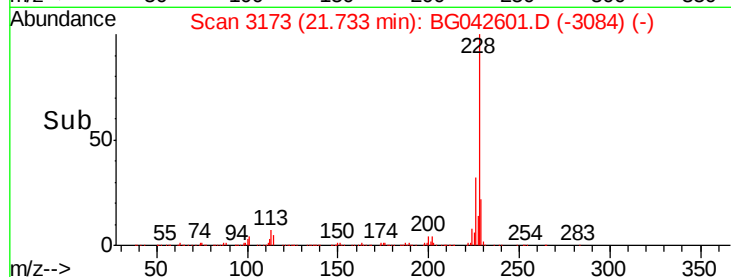
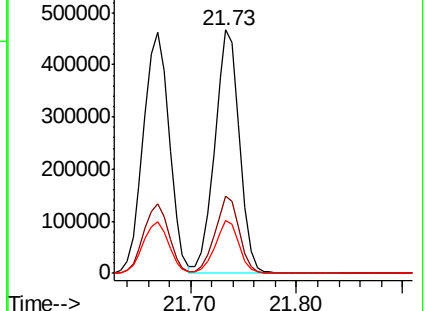
229 21.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.984 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

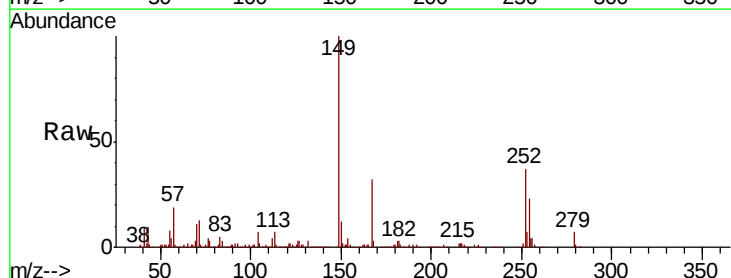
Tgt Ion:149 Resp: 412582

Ion Ratio Lower Upper

149 100

167 32.1 26.0 39.0

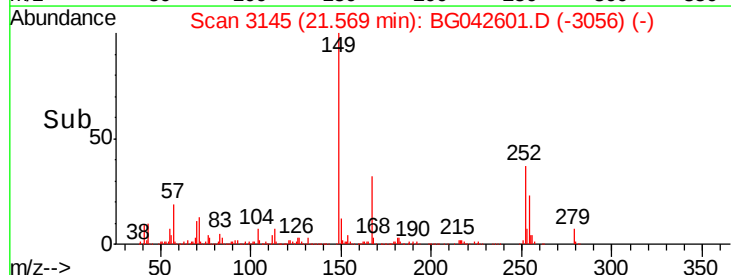
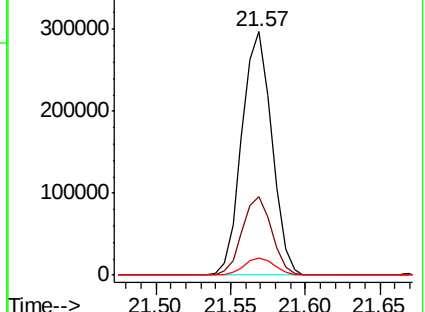
279 7.1 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.942 ng

RT: 22.79 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042601.D

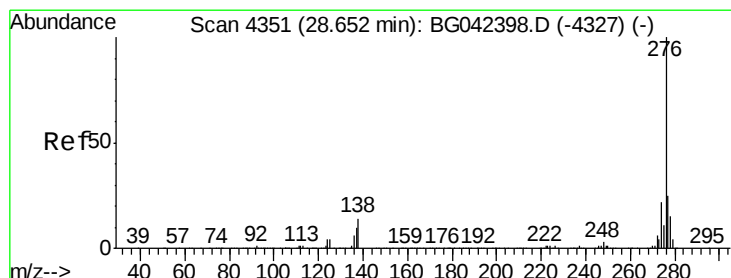
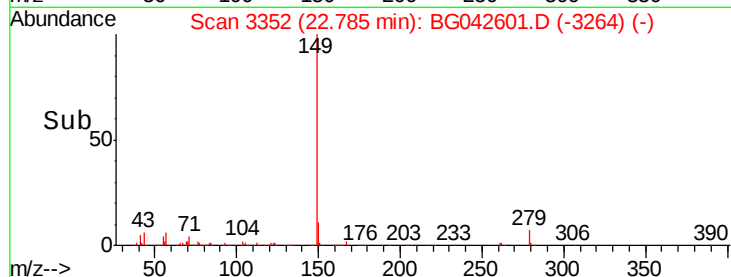
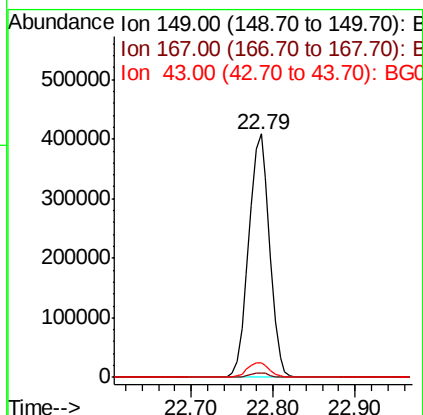
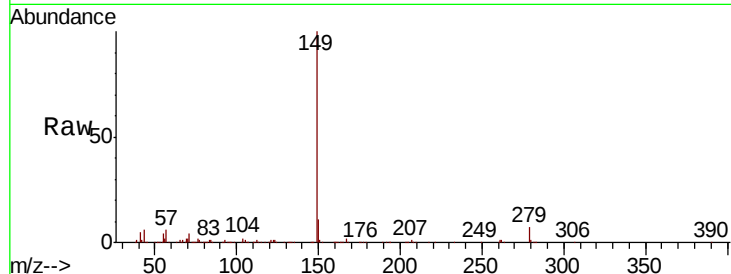
Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149	Resp:	723777
Ion	Ratio	Lower Upper
149	100	
167	1.8	1.6 2.4
43	6.2	5.3 7.9



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.374 ng

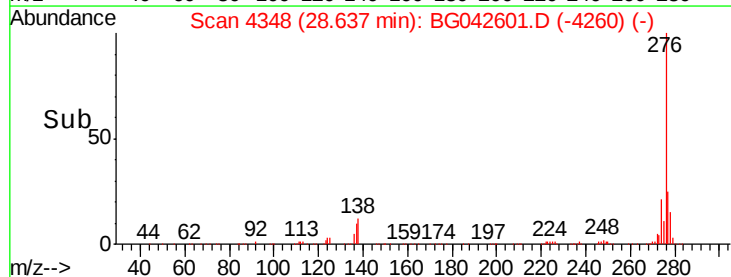
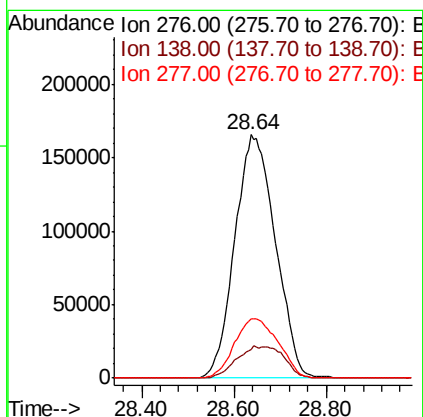
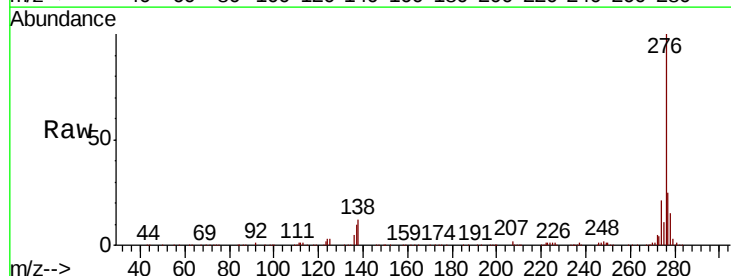
RT: 28.64 min Scan# 4348

Delta R.T. -0.02 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Tgt Ion:276	Resp:	1010923
Ion	Ratio	Lower Upper
276	100	
138	7.5	9.2 13.8#
277	26.4	21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampled :

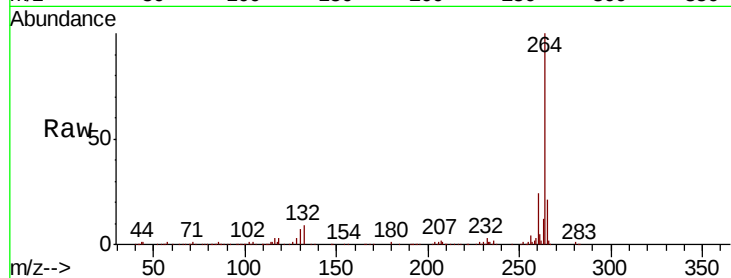
Tot Ion:264 Resp: 312145

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

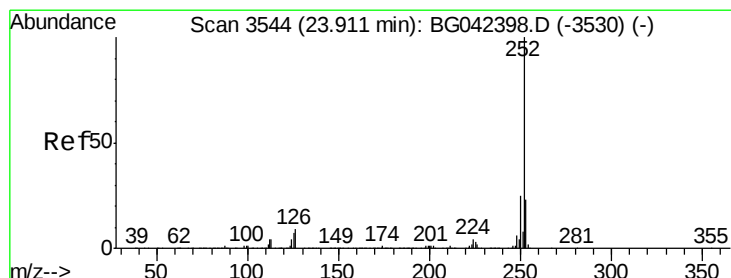
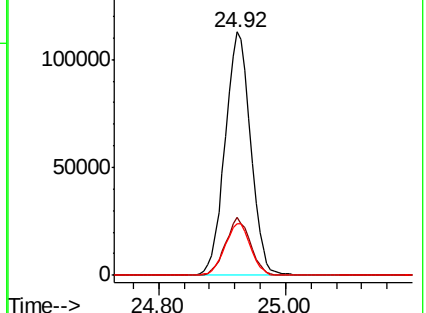
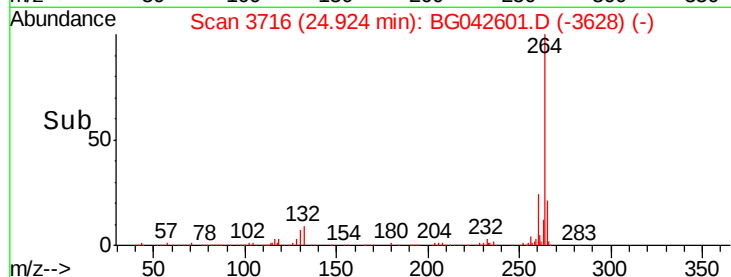
265 21.4 17.6 26.4



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: 50.032 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

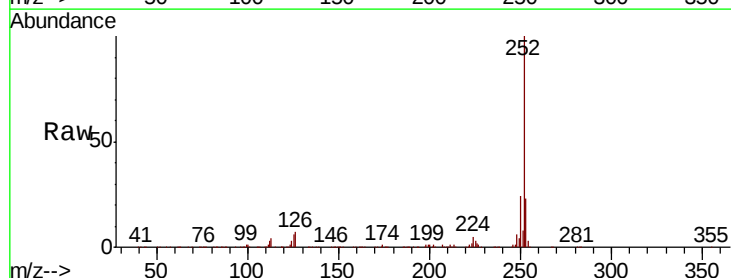
Tgt Ion:252 Resp: 858581

Ion Ratio Lower Upper

252 100

253 23.4 18.6 27.8

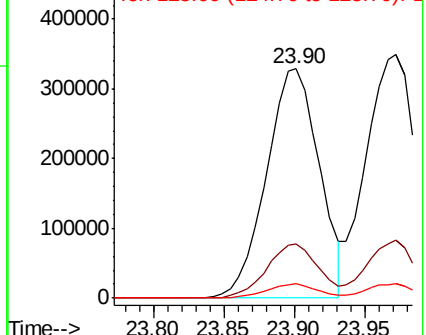
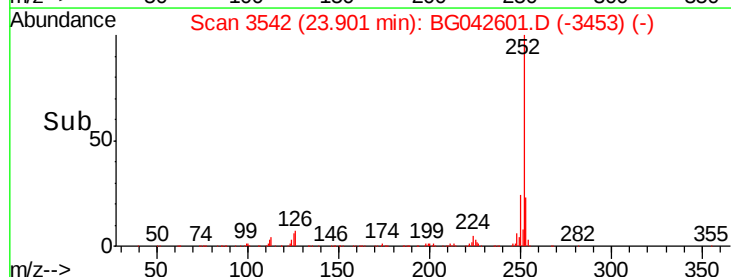
125 6.1 5.6 8.4

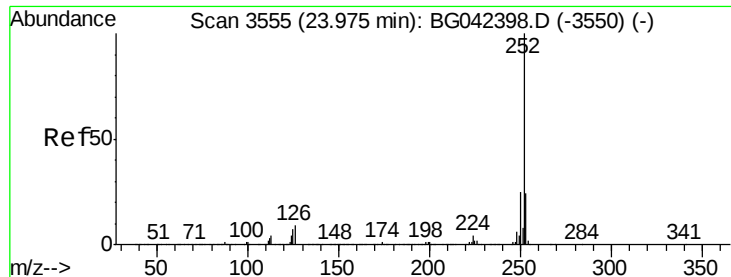


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

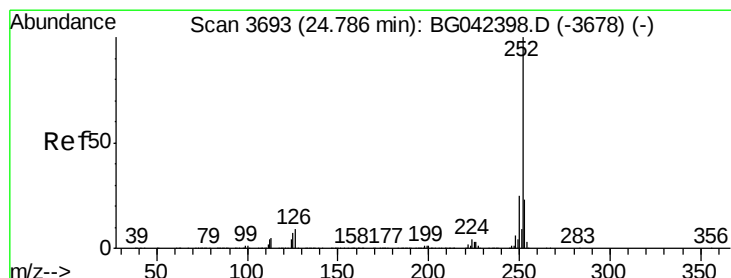
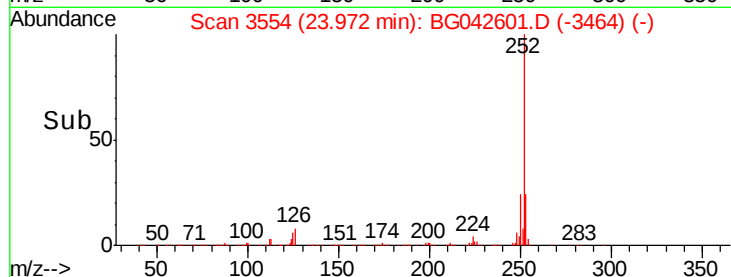
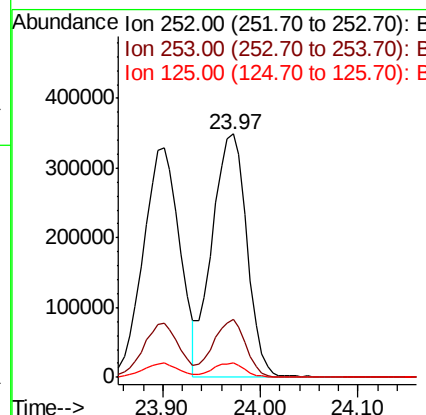
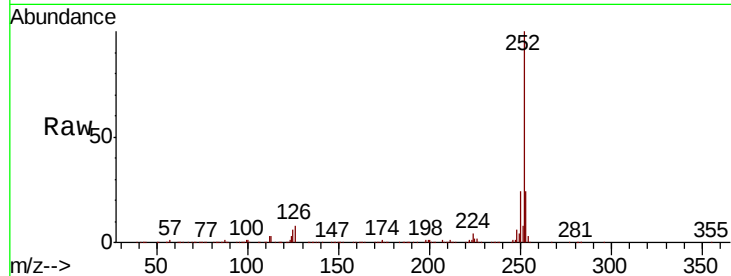




#89
Benzo(k)fluoranthene
Concen: 52.186 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

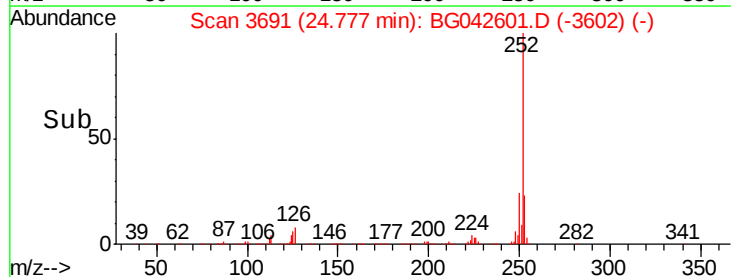
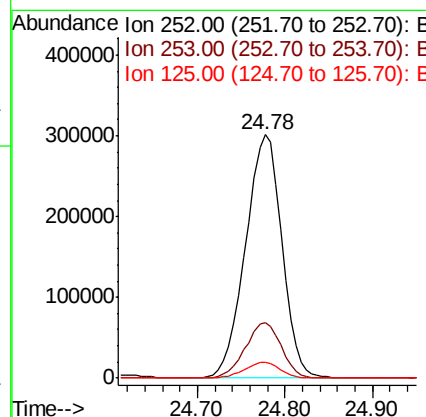
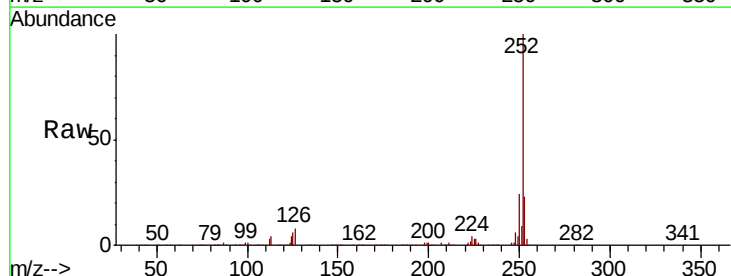
Instrument :
BNA_G
ClientSampleId :

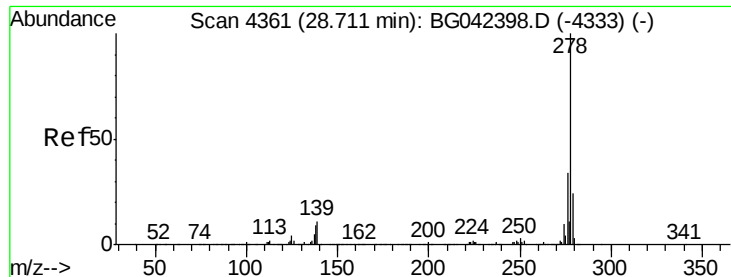
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	5.8	5.8	8.6



#90
Benzo(a)pyrene
Concen: 52.206 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042601.D
Acq: 30 Aug 2019 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	6.5	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 50.657 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

Instrument :

BNA_G

ClientSampleId :

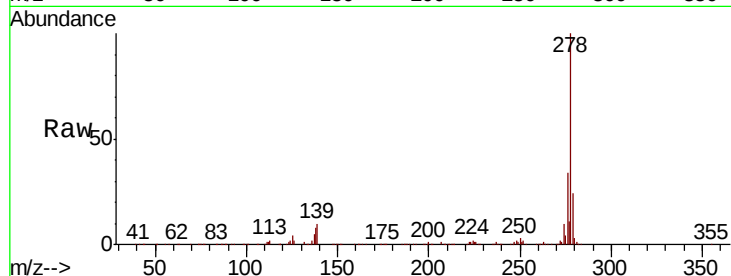
Tot Ion:278 Resp: 835212

Ion Ratio Lower Upper

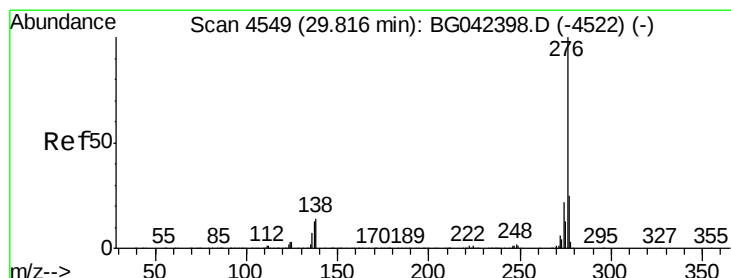
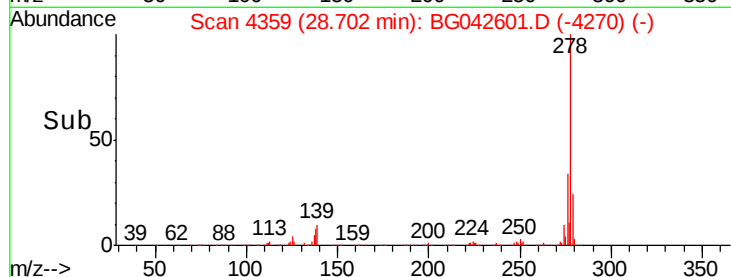
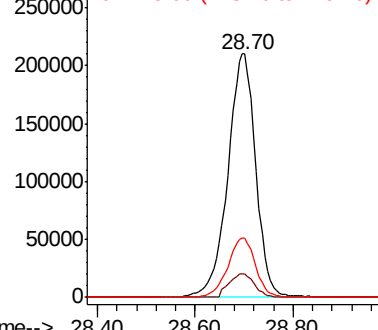
278 100

139 9.6 8.8 13.2

279 24.1 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: 51.139 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042601.D

Acq: 30 Aug 2019 15:26

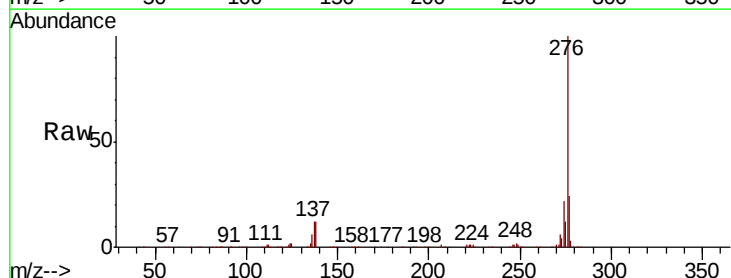
Tgt Ion:276 Resp: 843278

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 12.4 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

