

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042727.D
 Acq On : 5 Sep 2019 19:24
 Operator : HP/JU
 Sample : K4668-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 06:45:57 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	42001	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	151153	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	114416	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	281809	20.00	ng	0.00
76) Chrysene-d12	21.69	240	319763	20.00	ng	0.00
87) Perylene-d12	24.93	264	388333	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	203094	97.93	ng	0.00
7) Phenol-d6	7.17	99	240909	86.00	ng	0.00
23) Nitrobenzene-d5	9.17	82	163718	74.85	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	195391	120.15	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	537199	79.41	ng	0.00
79) Terphenyl-d14	20.02	244	1122730	75.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	24776	28.628	ng	# 51
3) Pyridine	3.84	79	43173	19.454	ng	93
4) n-Nitrosodimethylamine	3.74	42	24908	31.425	ng	89
6) Aniline	7.32	93	46392	12.417	ng	97
8) 2-Chlorophenol	7.56	128	84332	33.554	ng	97
9) Benzaldehyde	7.13	77	41818	29.818	ng	97
10) Phenol	7.19	94	80571	28.289	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	66002	29.507	ng	96
12) 1,3-Dichlorobenzene	7.88	146	96923	30.314	ng	99
13) 1,4-Dichlorobenzene	8.03	146	99521	30.730	ng	97
14) 1,2-Dichlorobenzene	8.36	146	94074	30.332	ng	97
15) Benzyl Alcohol	8.24	79	61651	30.591	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80951	26.701	ng	99
17) 2-Methylphenol	8.45	107	64382	30.690	ng	95
18) Hexachloroethane	9.09	117	32757	29.545	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	51986	28.645	ng	# 94
20) 3+4-Methylphenols	8.78	107	85391	29.416	ng	97
22) Acetophenone	8.83	105	119710	37.029	ng	# 97
24) Nitrobenzene	9.21	77	76802	34.674	ng	98
25) Isophorone	9.74	82	143423	33.225	ng	98
26) 2-Nitrophenol	9.93	139	51697	37.244	ng	96
27) 2,4-Dimethylphenol	9.99	122	78221	40.910	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	89444	32.875	ng	97
29) 2,4-Dichlorophenol	10.48	162	95833	38.308	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	111178	36.207	ng	98
31) Naphthalene	10.87	128	253189	36.079	ng	98
32) Benzoic acid	10.15	122	20893	20.663	ng	95
33) 4-Chloroaniline	10.99	127	14806	4.570	ng	97
34) Hexachlorobutadiene	11.16	225	76117	36.885	ng	98
35) Caprolactam	11.76	113	15124	18.118	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	83633	35.217	ng	95
37) 2-Methylnaphthalene	12.48	142	203230	36.067	ng	99
38) 1-Methylnaphthalene	12.70	142	189585	35.421	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	141691	38.563	ng	99

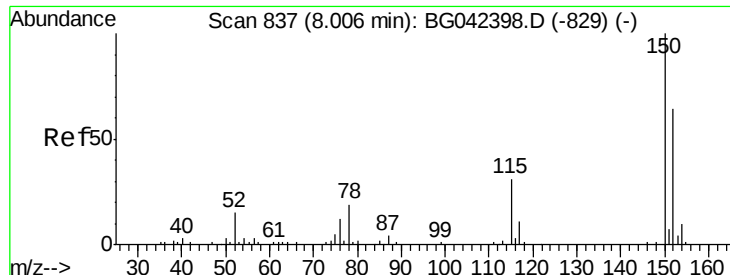
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042727.D
 Acq On : 5 Sep 2019 19:24
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	146316	75.809	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	88108	35.476	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	95683	37.177	nq	95
46) 1,1'-Biphenyl	13.49	154	269695	36.465	nq	96
47) 2-Chloronaphthalene	13.53	162	225423	35.348	nq	99
48) 2-Nitroaniline	13.74	65	48008	31.218	nq	98
49) Acenaphthylene	14.38	152	348212	36.293	nq	99
50) Dimethylphthalate	14.11	163	304802	36.921	nq	100
51) 2,6-Dinitrotoluene	14.23	165	68605	35.852	nq	95
52) Acenaphthene	14.72	154	206891	35.512	nq	99
53) 3-Nitroaniline	14.56	138	29743	15.542	nq	100
54) 2,4-Dinitrophenol	14.78	184	84841	66.886	nq	97
55) Dibenzofuran	15.06	168	359726	37.303	nq	99
56) 4-Nitrophenol	14.89	139	85294	62.722	nq	96
57) 2,4-Dinitrotoluene	15.02	165	100467	36.664	nq	99
58) Fluorene	15.71	166	289170	36.683	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	91458	35.934	nq	98
60) Diethylphthalate	15.47	149	282415	34.995	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	172962	36.398	nq	97
62) 4-Nitroaniline	15.73	138	69694	34.027	nq	92
63) Azobenzene	15.99	77	182454	32.994	nq	93
65) 4,6-Dinitro-2-methylphenol	15.80	198	68027	38.502	nq	96
66) n-Nitrosodiphenylamine	15.91	169	268889	34.696	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	124953	34.956	nq	98
68) Hexachlorobenzene	16.72	284	132791	34.173	nq	97
69) Atrazine	16.86	200	107764	39.321	nq	97
70) Pentachlorophenol	17.07	266	149613	74.102	nq	97
71) Phenanthrene	17.46	178	510566	36.474	nq	99
72) Anthracene	17.54	178	527654	37.759	nq	99
73) Carbazole	17.81	167	467166	37.510	nq	98
74) Di-n-butylphthalate	18.37	149	537632	36.519	nq	100
75) Fluoranthene	19.47	202	702496	41.121	nq	96
77) Benzidine	19.65	184	49575	5.408	nq	# 95
78) Pyrene	19.82	202	704148	35.918	nq	97
80) Butylbenzylphthalate	20.71	149	250736	32.517	nq	94
81) Benzo(a)anthracene	21.67	228	701525	36.065	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	165706	21.181	nq	98
83) Chrysene	21.73	228	679184	36.205	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	360796	33.700	nq	98
85) Di-n-octyl phthalate	22.78	149	624733	33.928	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	904853	35.493	nq	# 97
88) Benzo(b)fluoranthene	23.91	252	780058	36.538	nq	# 98
89) Benzo(k)fluoranthene	23.97	252	747109	36.407	nq	# 98
90) Benzo(a)pyrene	24.78	252	763947	37.710	nq	# 99
91) Dibenzo(a,h)anthracene	28.70	278	750993	36.613	nq	98
92) Benzo(g,h,i)perylene	29.80	276	758806	36.988	nq	97

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

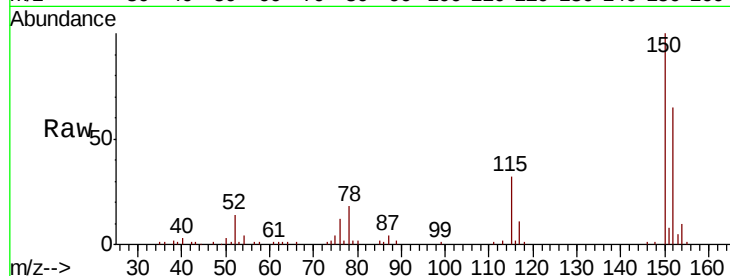


#1

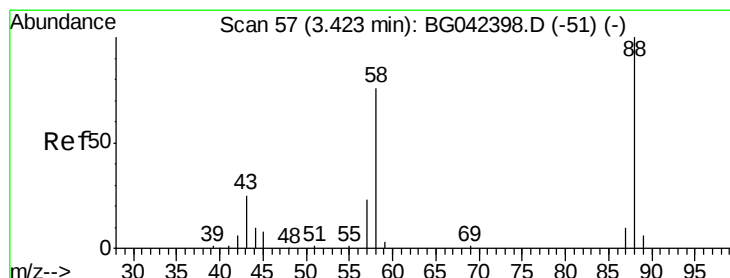
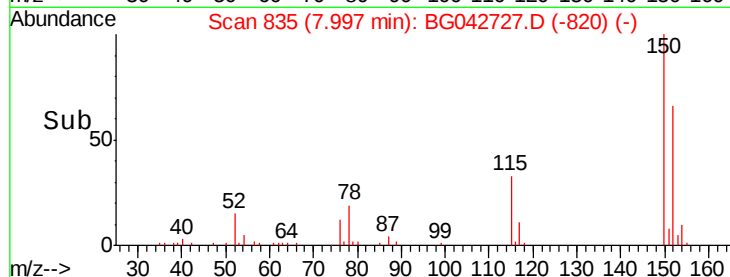
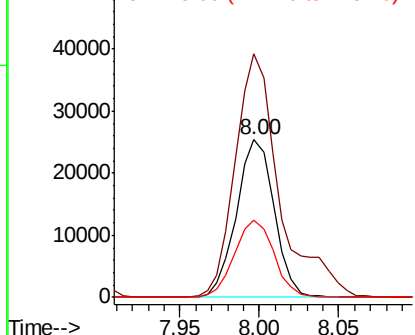
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42001
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.0
115 49.2 38.5 57.7



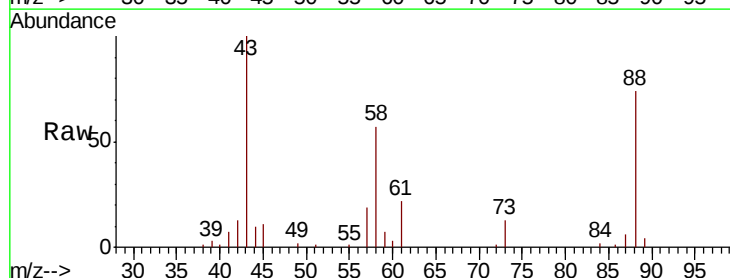
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



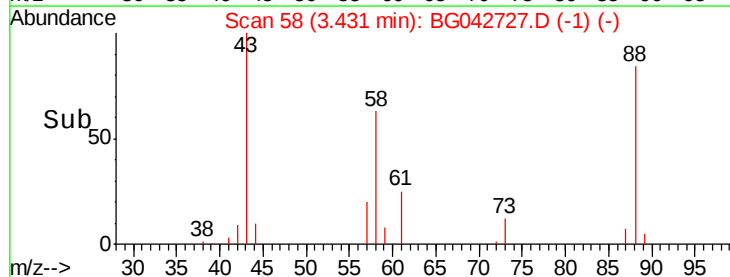
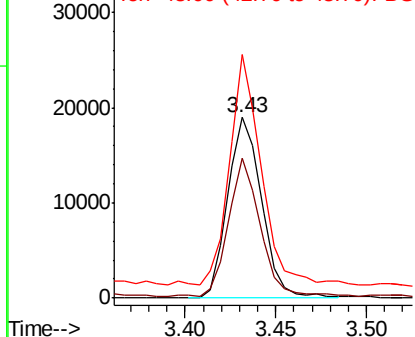
#2

1,4-Dioxane
Concen: 28.628 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion: 88 Resp: 24776
Ion Ratio Lower Upper
88 100
58 71.6 58.3 87.5
43 118.8 20.2 30.2#



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





#3

Pvridine

Concen: 19.454 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

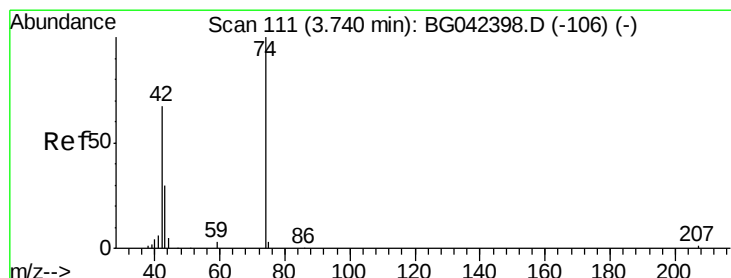
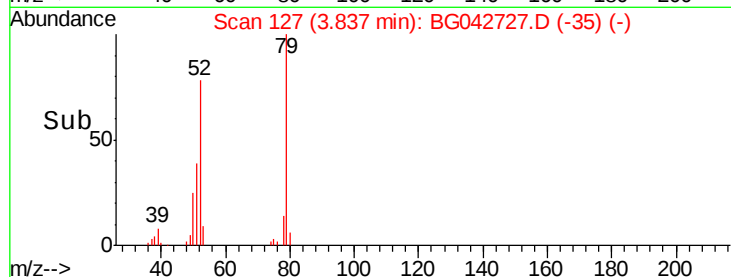
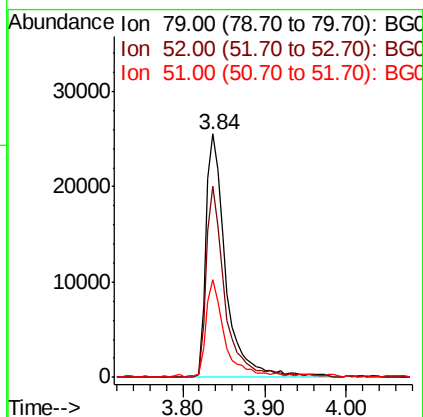
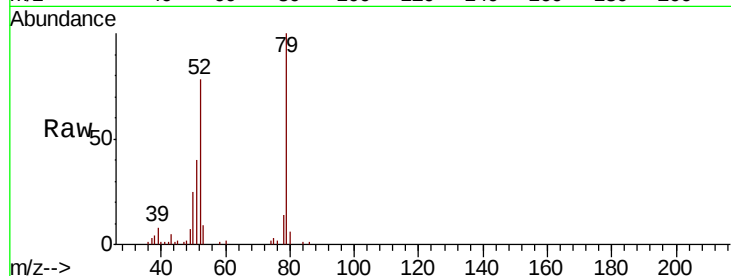
Tot Ion: 79 Resp: 43173

Ion Ratio Lower Upper

79 100

52 78.3 57.7 86.5

51 40.4 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 31.425 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

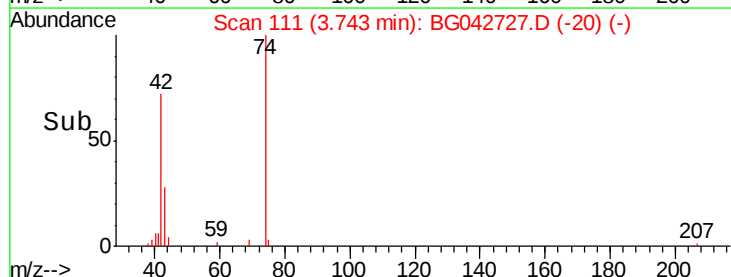
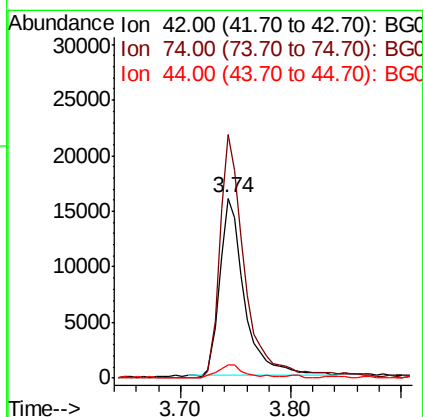
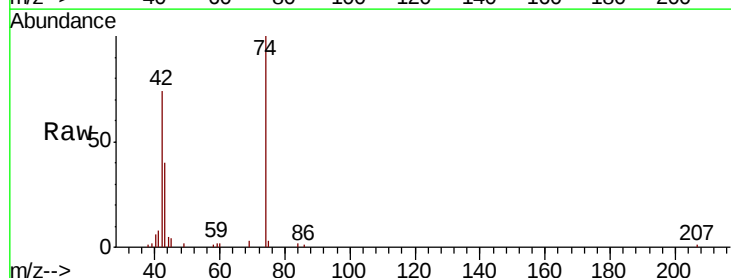
Tgt Ion: 42 Resp: 24908

Ion Ratio Lower Upper

42 100

74 135.6 119.6 179.4

44 7.3 6.5 9.7





#5

2-Fluorophenol

Concen: 97.932 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

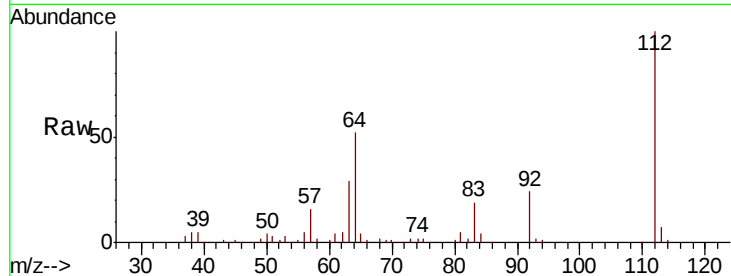
Tot Ion:112 Resp: 203094

Ion Ratio Lower Upper

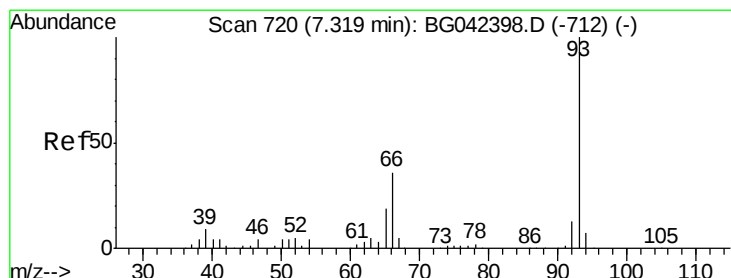
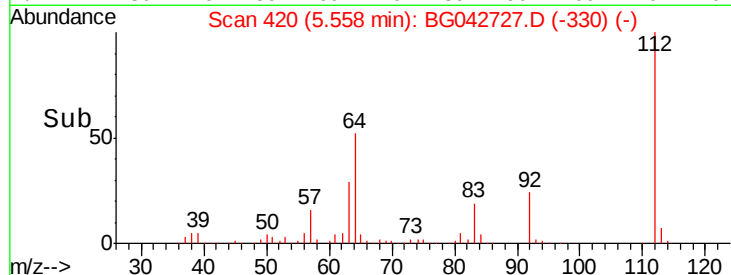
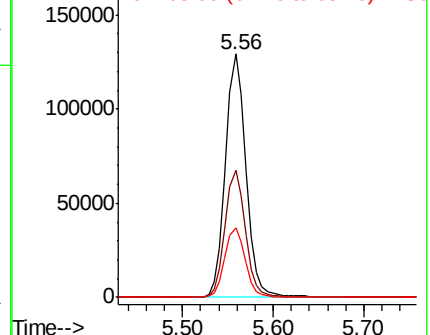
112 100

64 52.3 42.8 64.2

63 28.7 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: 12.417 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

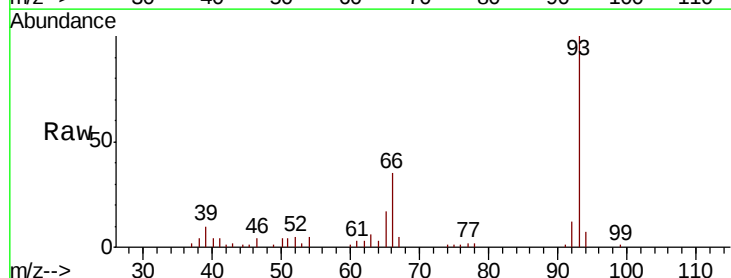
Tgt Ion: 93 Resp: 46392

Ion Ratio Lower Upper

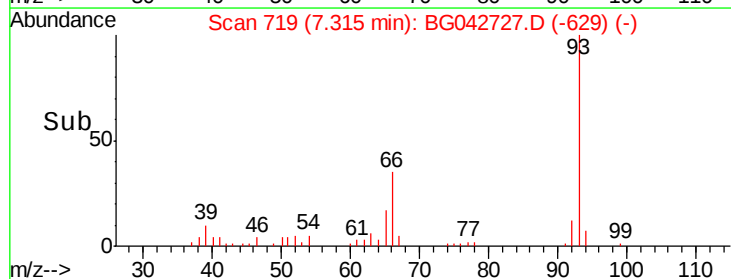
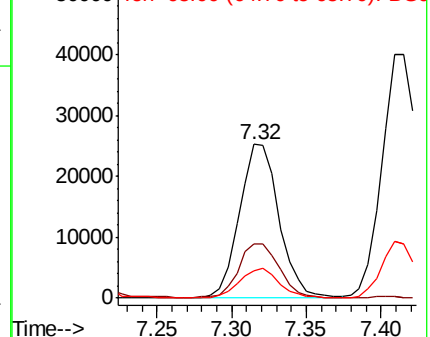
93 100

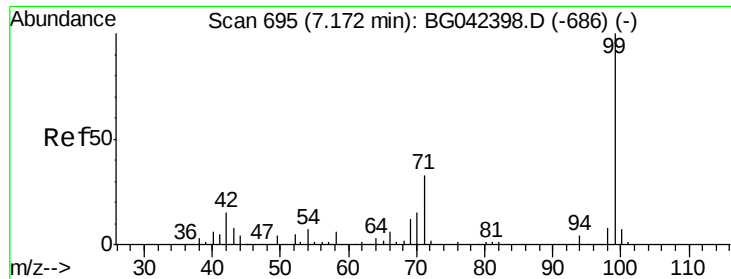
66 35.1 29.0 43.6

65 17.4 15.2 22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.000 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

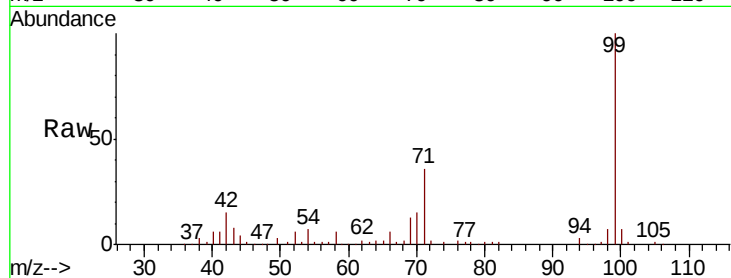
Tot Ion: 99 Resp: 240909

Ion Ratio Lower Upper

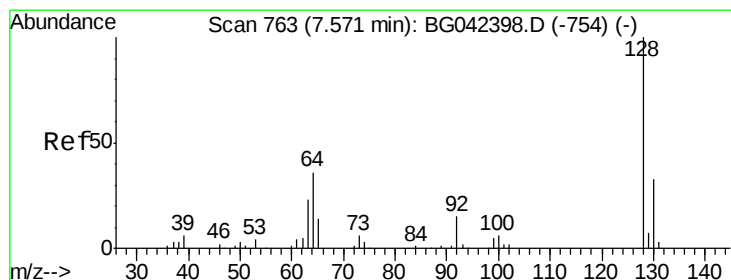
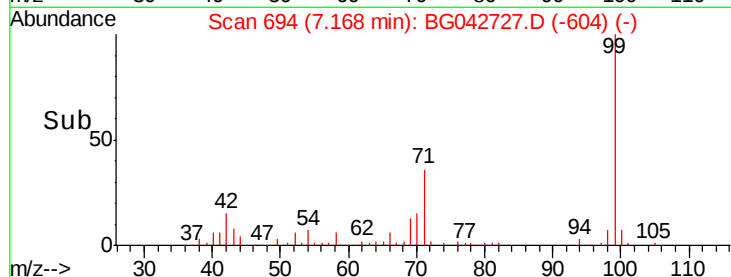
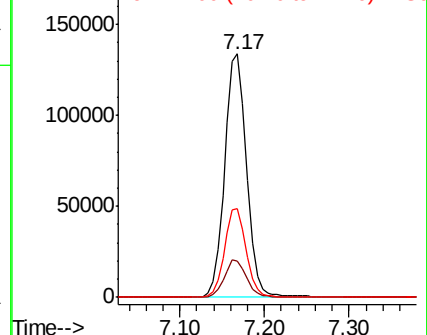
99 100

42 14.9 12.0 18.0

71 36.4 26.3 39.5



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



#8

2-Chlorophenol

Concen: 33.554 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

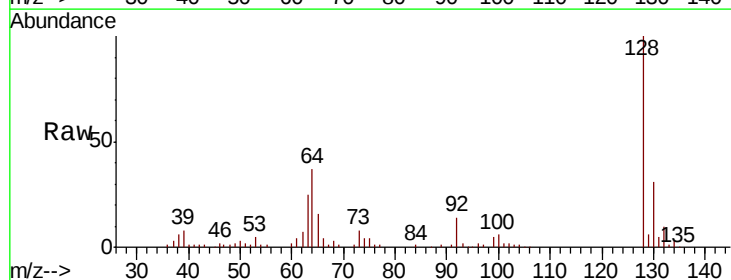
Tgt Ion: 128 Resp: 84332

Ion Ratio Lower Upper

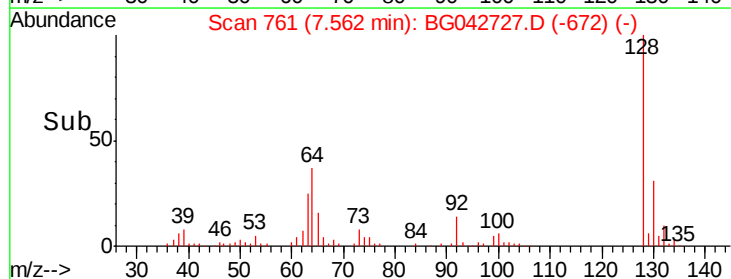
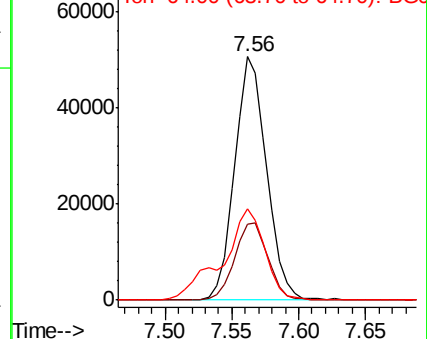
128 100

130 31.1 12.8 52.8

64 37.5 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: 29.818 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

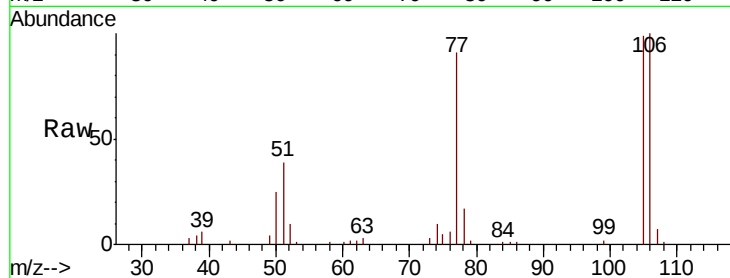
Tot Ion: 77 Resp: 41818

Ion Ratio Lower Upper

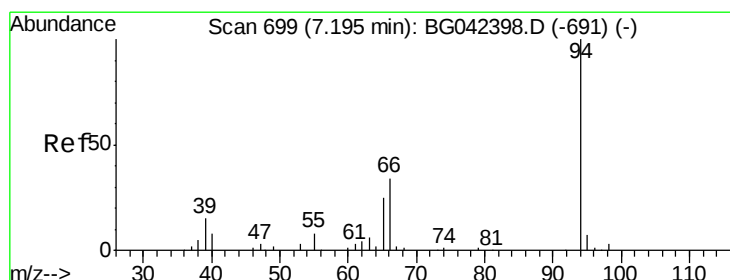
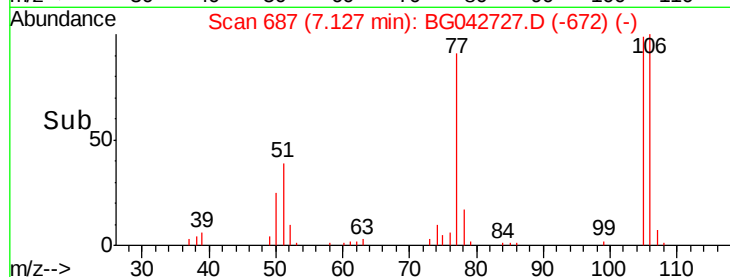
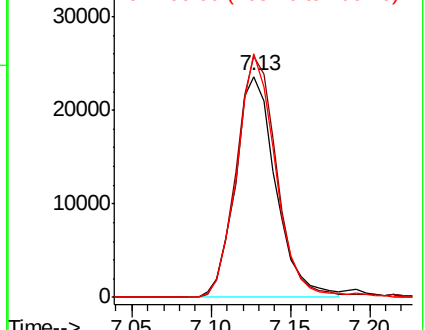
77 100

105 109.2 93.4 133.4

106 110.2 88.4 128.4



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



#10

Phenol

Concen: 28.289 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

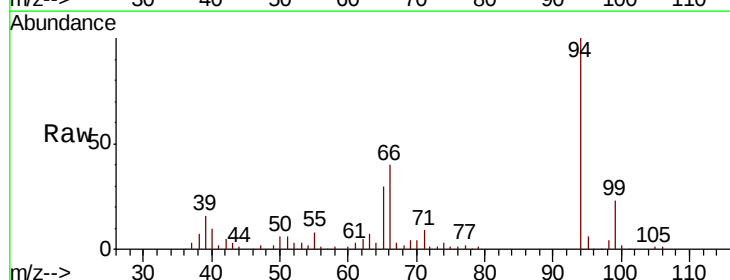
Tgt Ion: 94 Resp: 80571

Ion Ratio Lower Upper

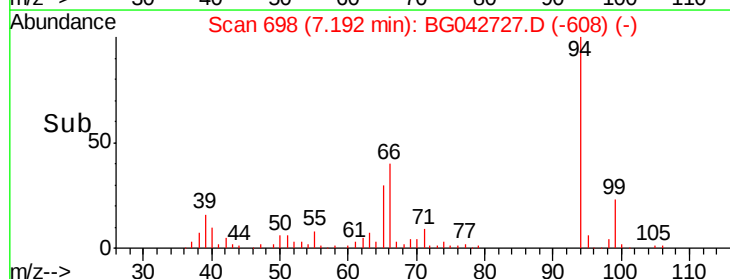
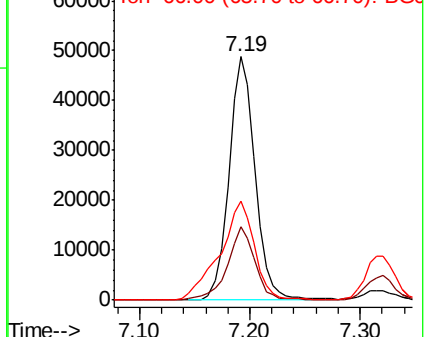
94 100

65 30.1 5.6 45.6

66 40.5 16.0 56.0



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

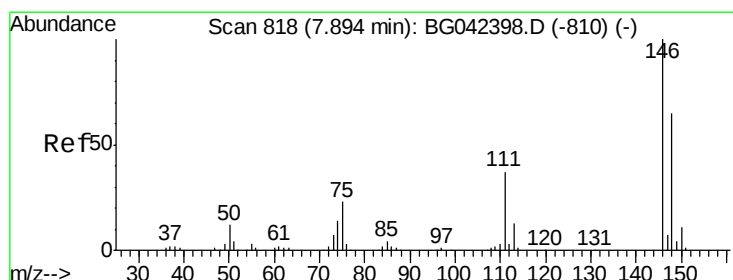
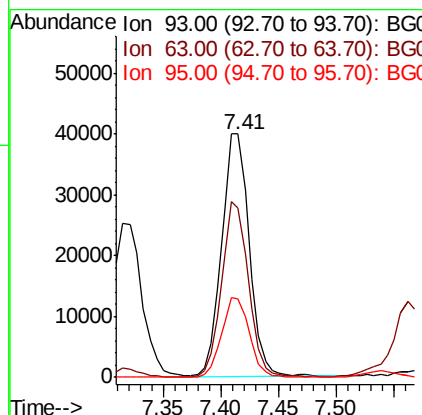
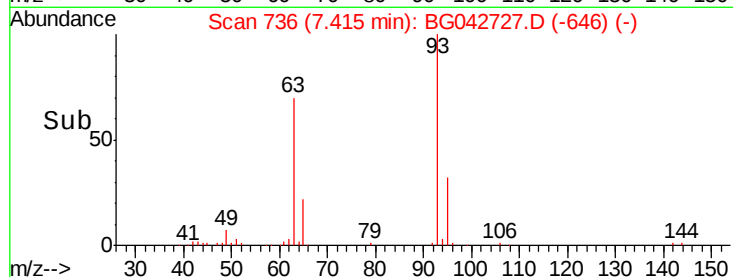
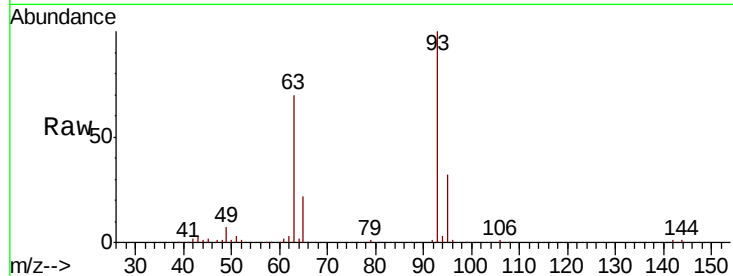




#11
bis(2-Chloroethyl)ether
Concen: 29.507 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

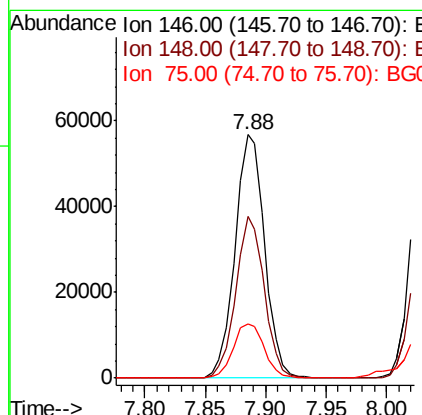
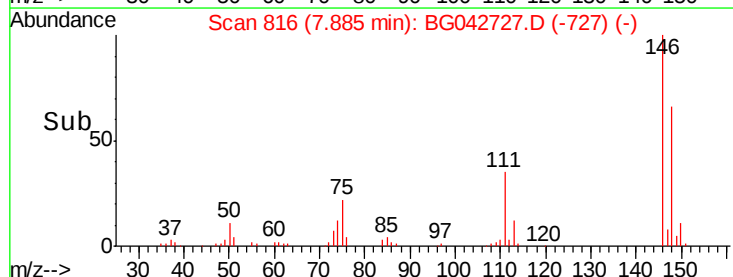
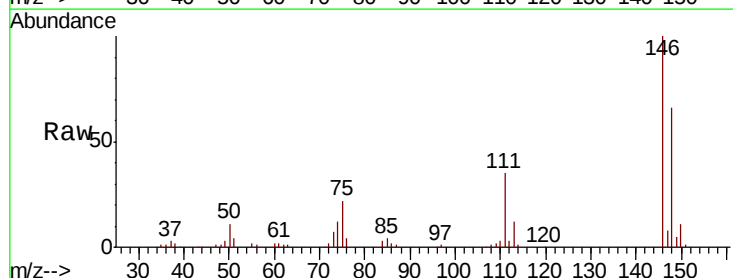
Instrument :
BNA_G
ClientSampleId :

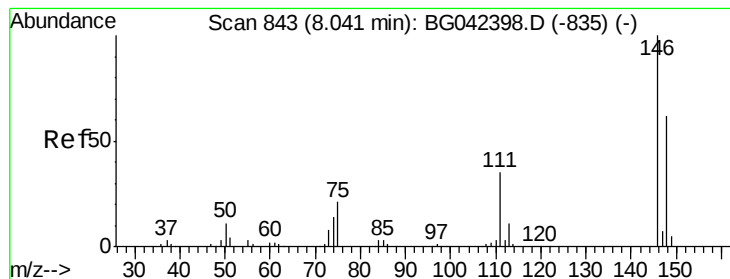
Tot Ion: 93 Resp: 66002
Ion Ratio Lower Upper
93 100
63 69.6 53.8 93.8
95 32.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 30.314 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion: 146 Resp: 96923
Ion Ratio Lower Upper
146 100
148 66.4 52.2 78.2
75 22.0 18.0 27.0





#13

1,4-Dichlorobenzene

Concen: 30.730 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

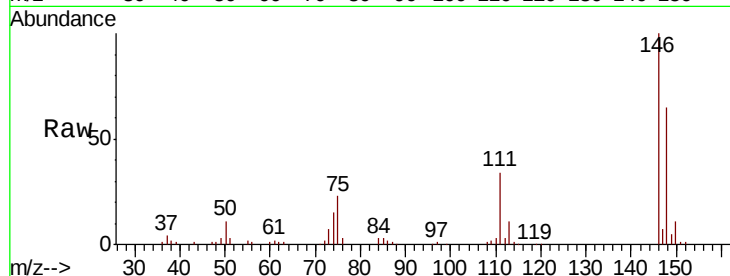
Tot Ion:146 Resp: 99521

Ion Ratio Lower Upper

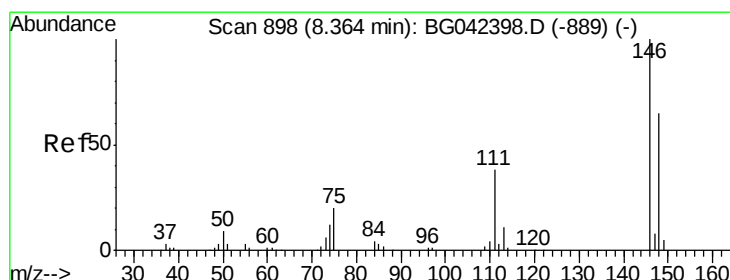
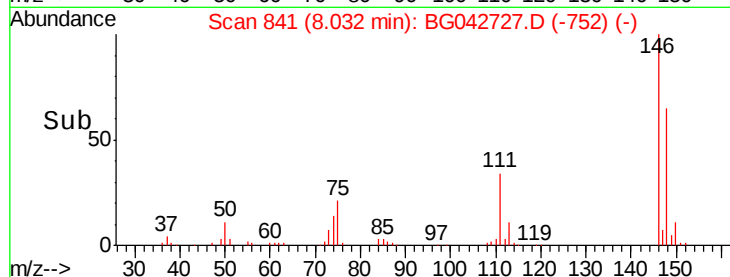
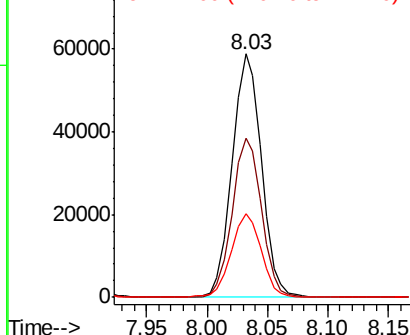
146 100

148 65.2 49.5 74.3

111 34.3 28.1 42.1



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



#14

1,2-Dichlorobenzene

Concen: 30.332 ng

RT: 8.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

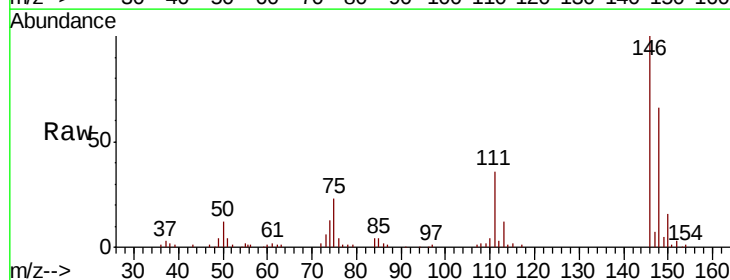
Tgt Ion:146 Resp: 94074

Ion Ratio Lower Upper

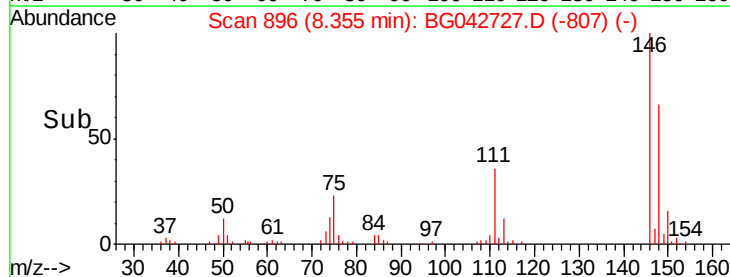
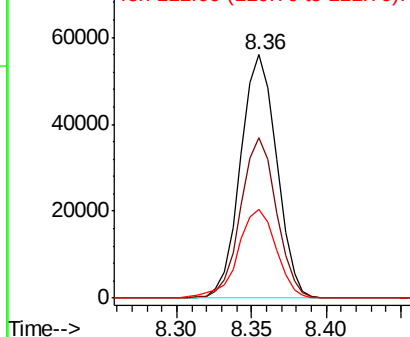
146 100

148 66.0 51.8 77.6

111 36.2 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: 30.591 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

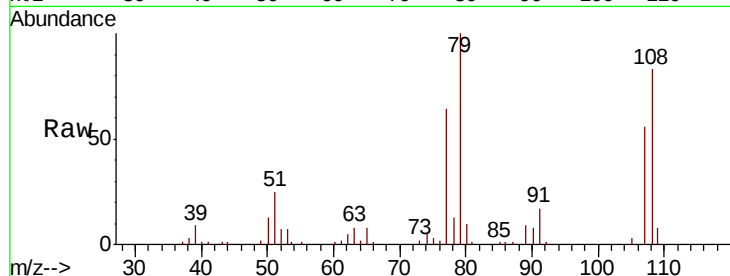
Tot Ion: 79 Resp: 61651

Ion Ratio Lower Upper

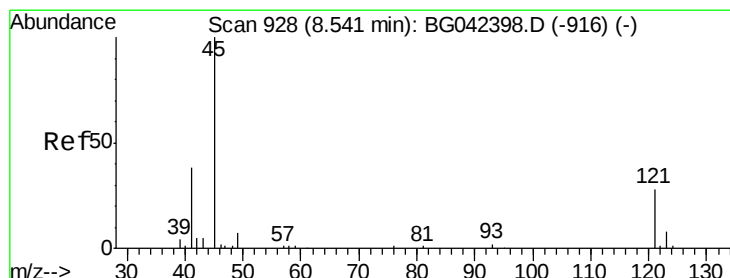
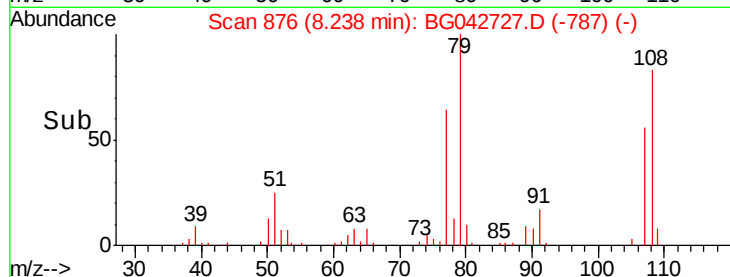
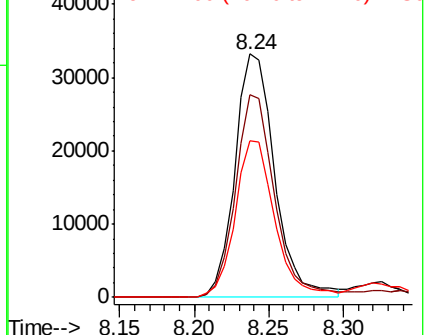
79 100

108 83.0 67.4 101.2

77 64.1 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: 26.701 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

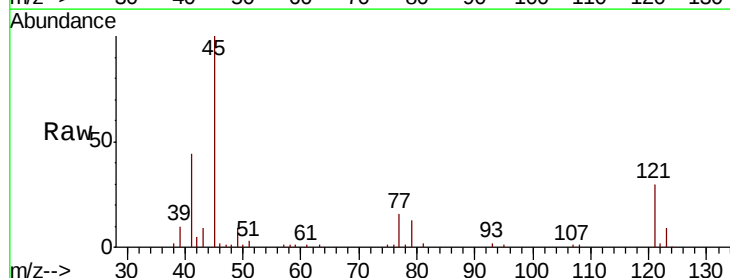
Tgt Ion: 45 Resp: 80951

Ion Ratio Lower Upper

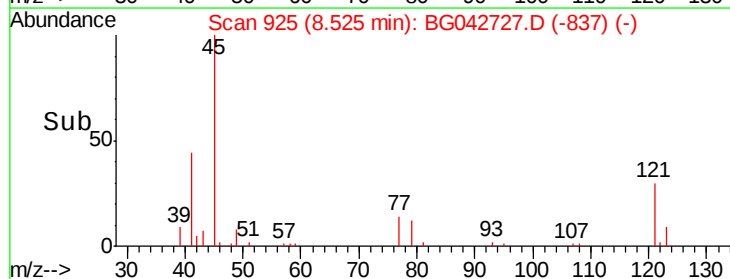
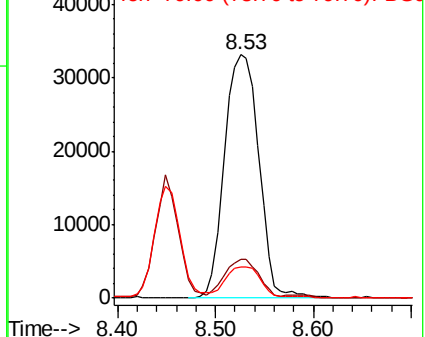
45 100

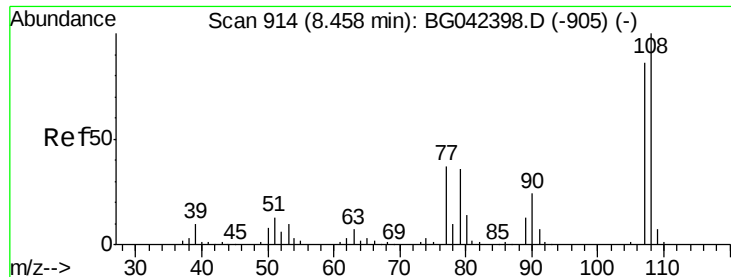
77 15.7 0.0 35.6

79 12.7 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

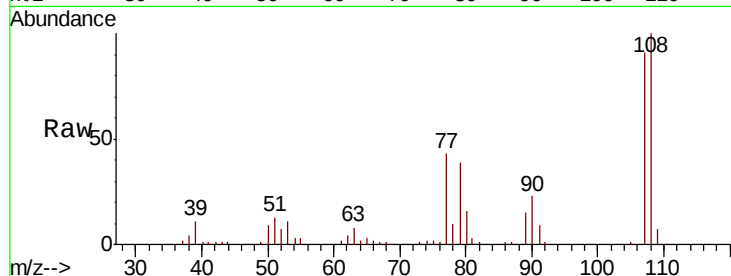




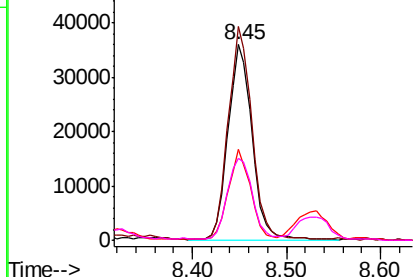
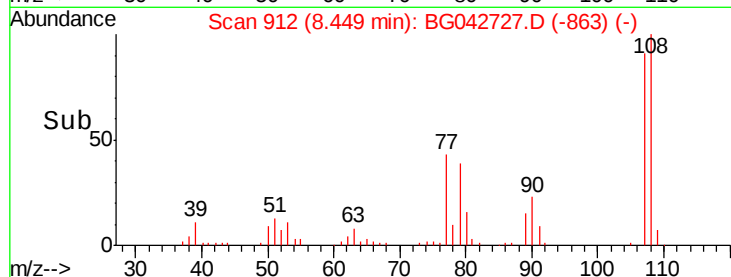
#17
2-Methylphenol
Concen: 30.690 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	64382
Ion	Ratio	Lower	Upper
107	100		
108	109.3	92.9	139.3
77	46.7	34.4	51.6
79	42.2	33.8	50.6

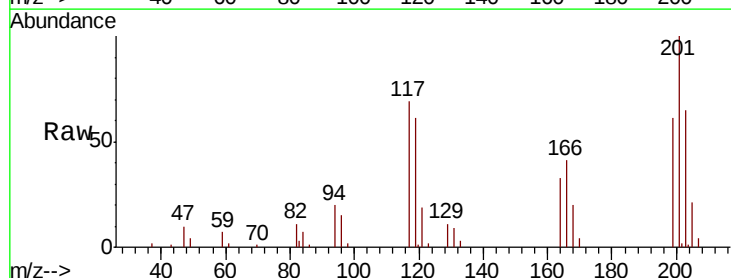


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

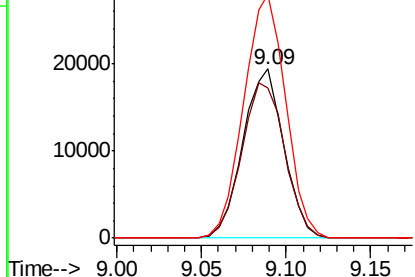
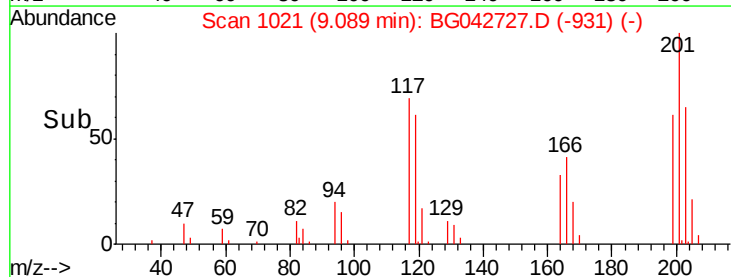


#18
Hexachloroethane
Concen: 29.545 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion:	117	Resp:	32757
Ion	Ratio	Lower	Upper
117	100		
119	88.4	73.8	110.8
201	143.9	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

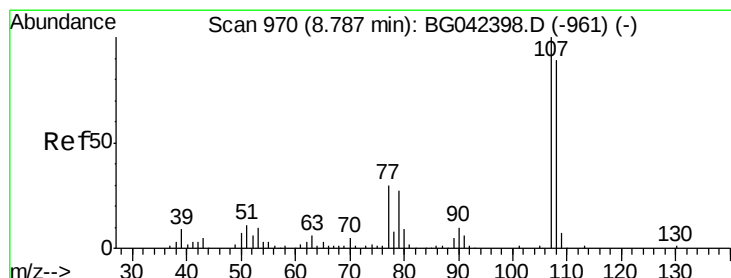
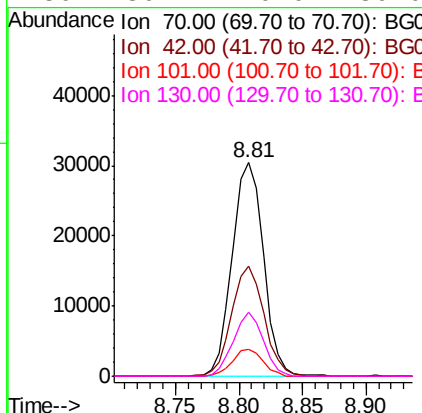
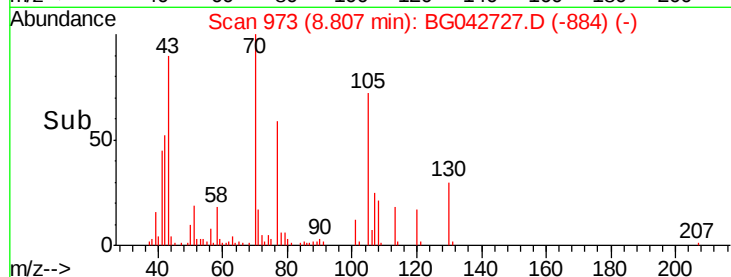
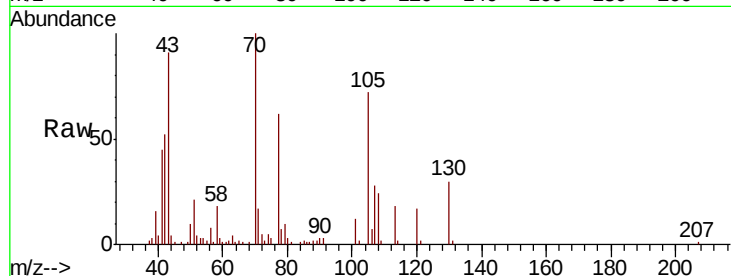




#19
n-Nitroso-di-n-propylamine
Concen: 28.645 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

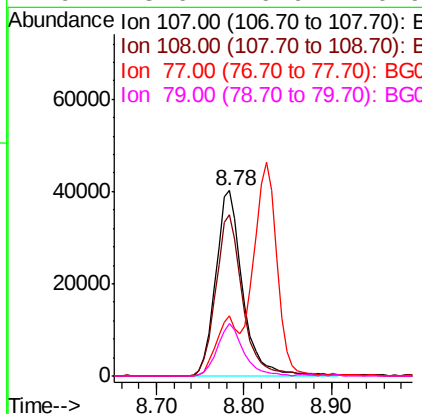
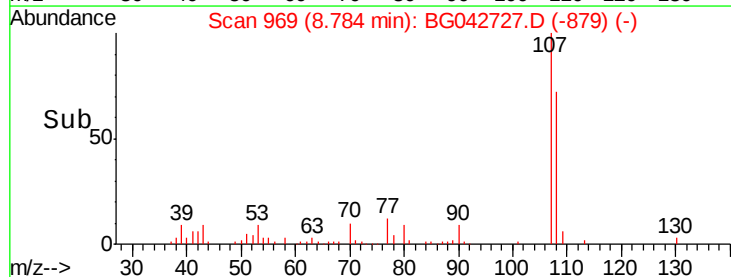
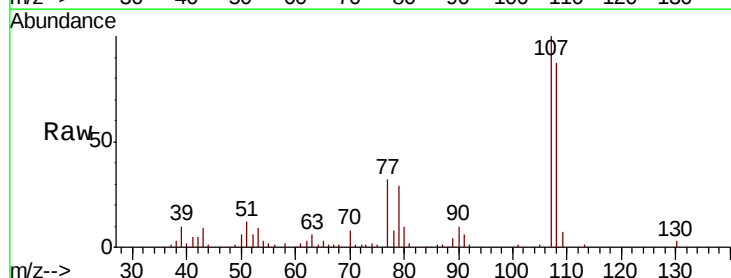
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 51986
Ion Ratio Lower Upper
70 100
42 51.7 38.8 58.2
101 12.4 9.0 13.6
130 30.1 20.0 30.0#



#20
3+4-Methylphenols
Concen: 29.416 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion:107 Resp: 85391
Ion Ratio Lower Upper
107 100
108 86.8 68.7 108.7
77 32.2 10.2 50.2
79 28.6 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: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 151153

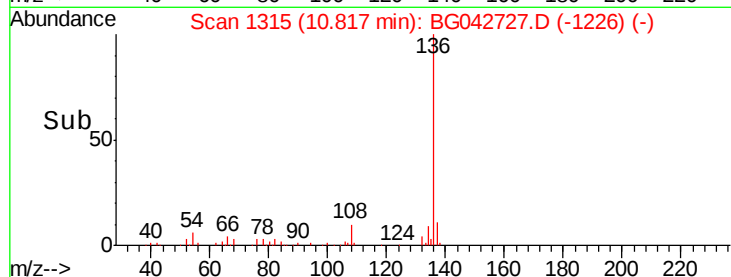
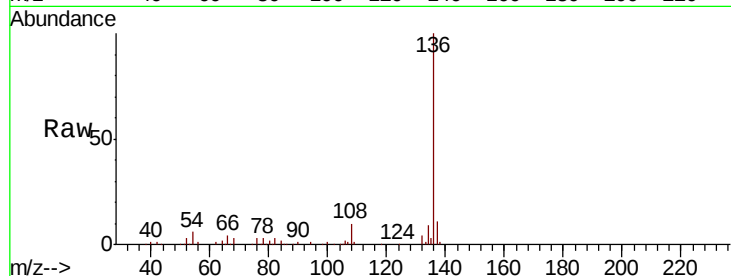
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 5.7 4.9 7.3

68 2.9 3.6 5.4#

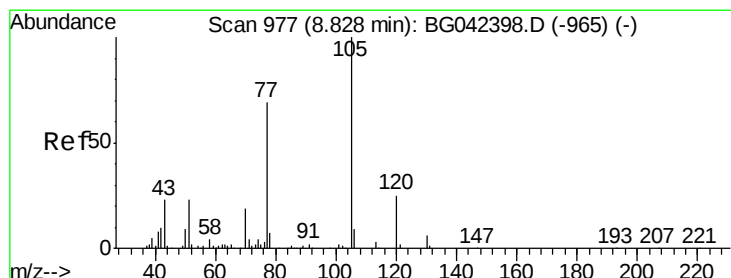
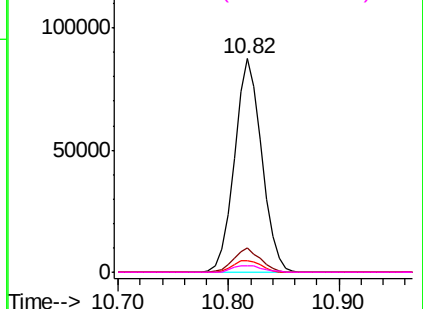


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.029 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:105 Resp: 119710

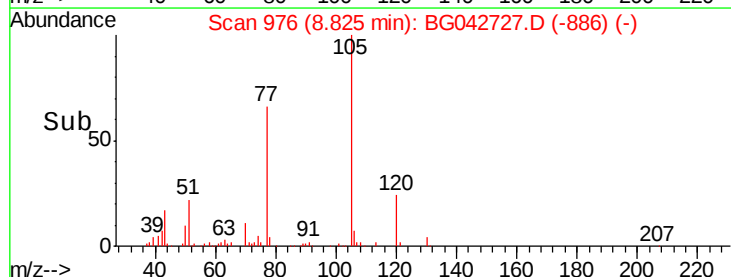
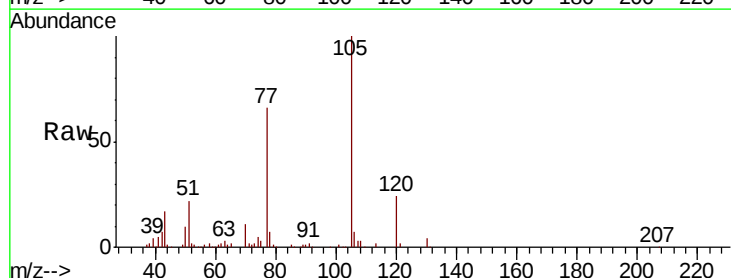
Ion Ratio Lower Upper

105 100

71 2.0 2.8 4.2#

51 21.9 18.7 28.1

120 23.9 20.1 30.1

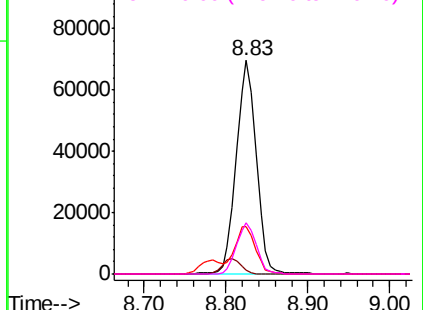


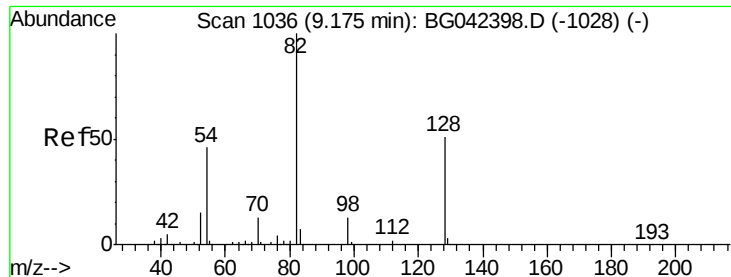
Abundance Ion 105.00 (104.70 to 105.70): E

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

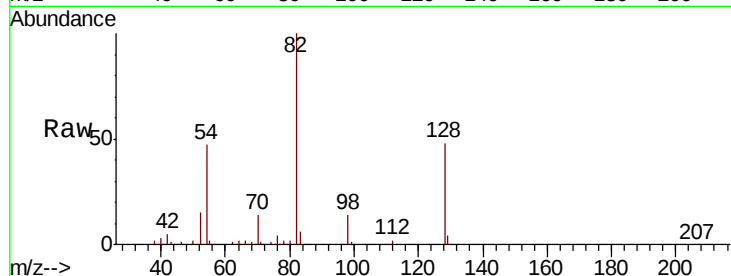




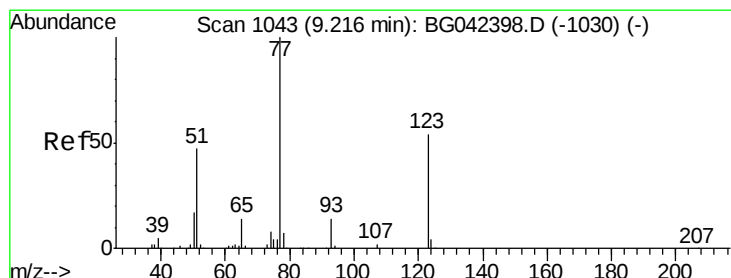
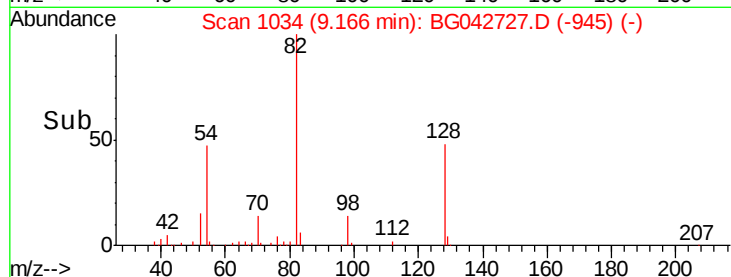
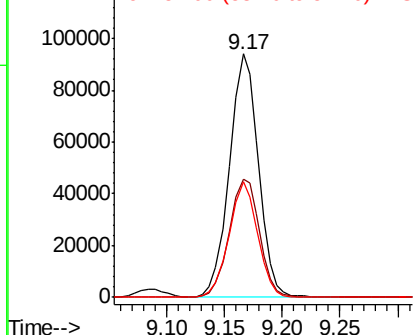
#23
 Nitrobenzene-d5
 Concen: 74.848 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 163718
 Ion Ratio Lower Upper
 82 100
 128 48.4 40.7 61.1
 54 47.4 36.3 54.5

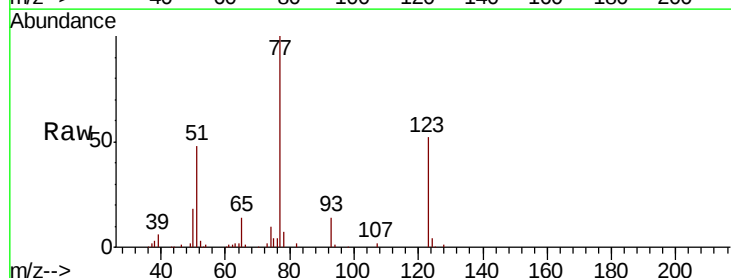


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

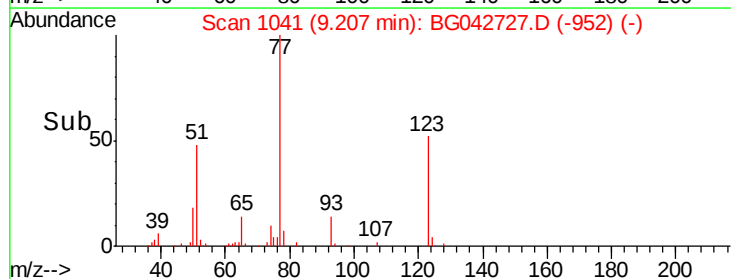
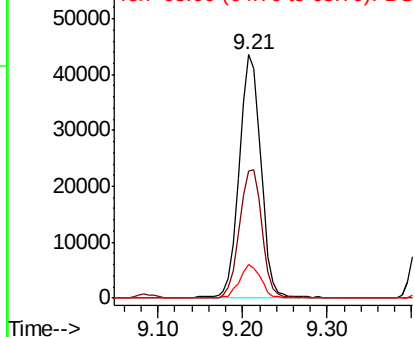


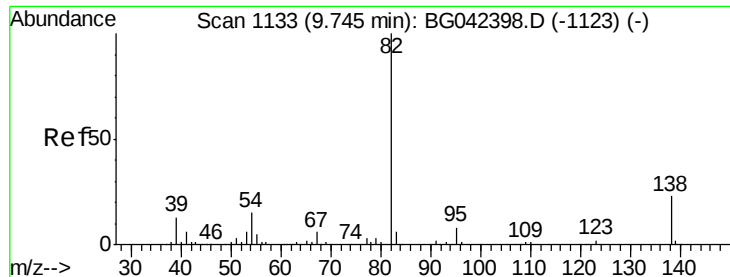
#24
 Nitrobenzene
 Concen: 34.674 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion: 77 Resp: 76802
 Ion Ratio Lower Upper
 77 100
 123 52.3 43.4 65.0
 65 13.8 11.0 16.6



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





#25

Isophorone

Concen: 33.225 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampled :

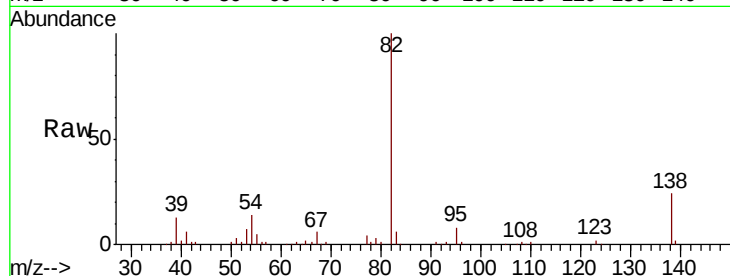
Tot Ion: 82 Resp: 143423

Ion Ratio Lower Upper

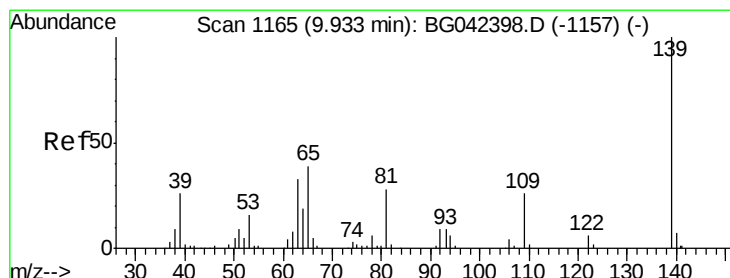
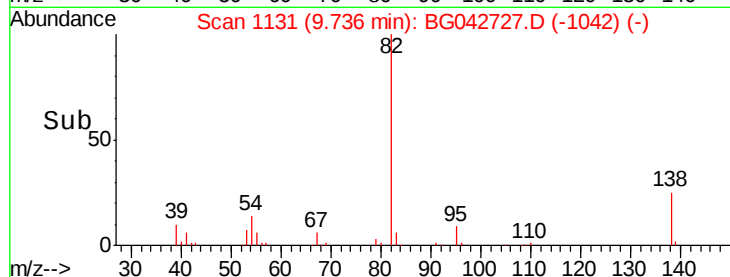
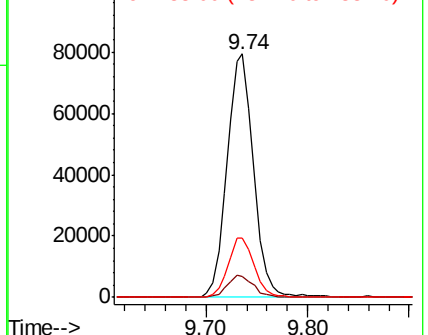
82 100

95 8.5 6.6 9.8

138 24.5 18.6 27.8



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



#26

2-Nitrophenol

Concen: 37.244 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

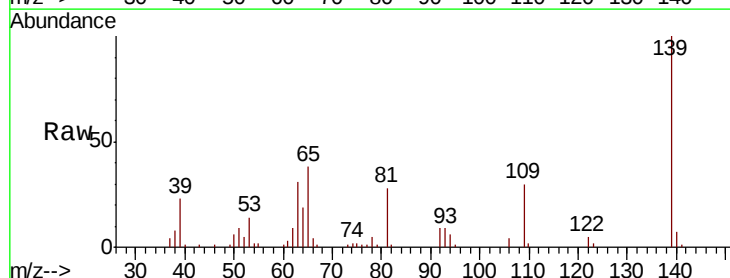
Tgt Ion: 139 Resp: 51697

Ion Ratio Lower Upper

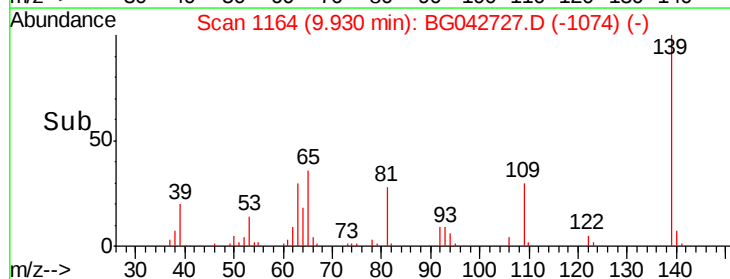
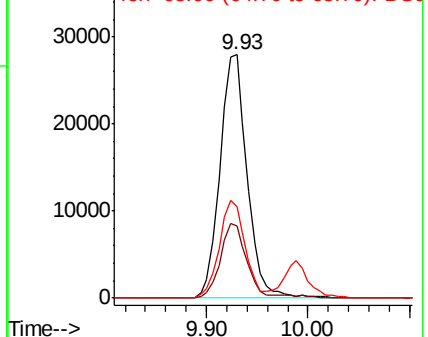
139 100

109 29.7 20.5 30.7

65 37.7 30.9 46.3



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

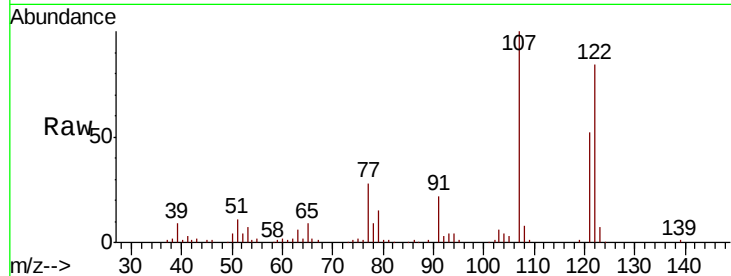




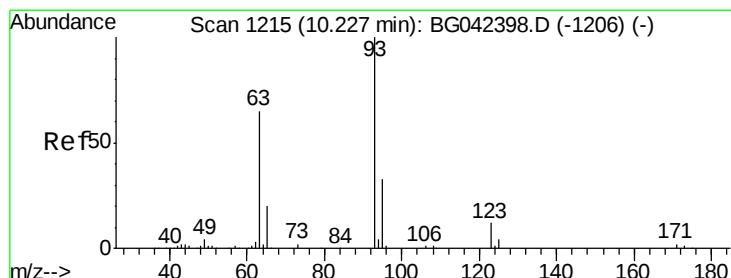
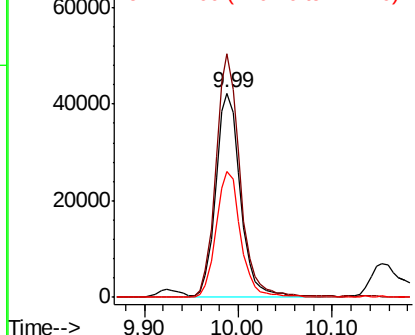
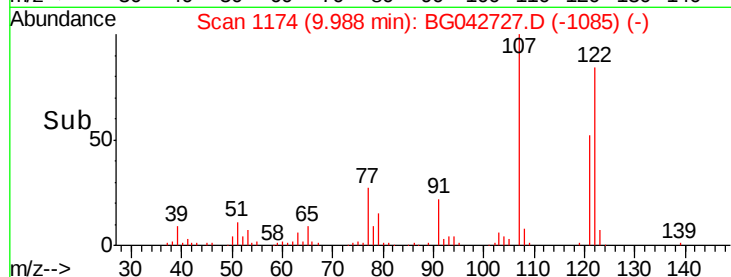
#27
2,4-Dimethylphenol
Concen: 40.910 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 78221
Ion Ratio Lower Upper
122 100
107 119.2 90.8 136.2
121 61.4 49.6 74.4

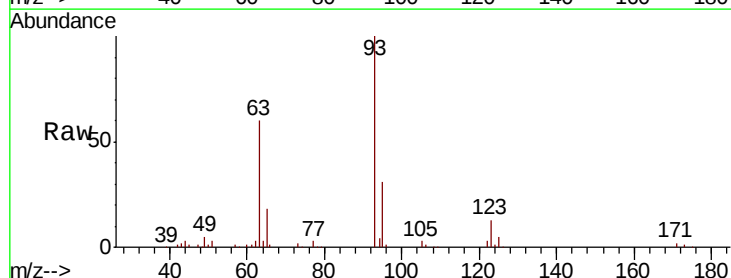


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

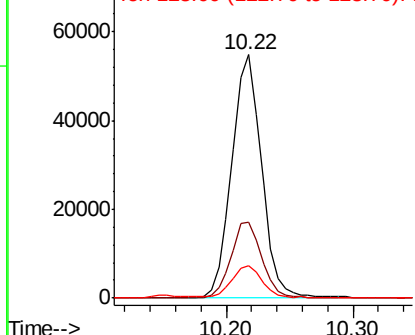
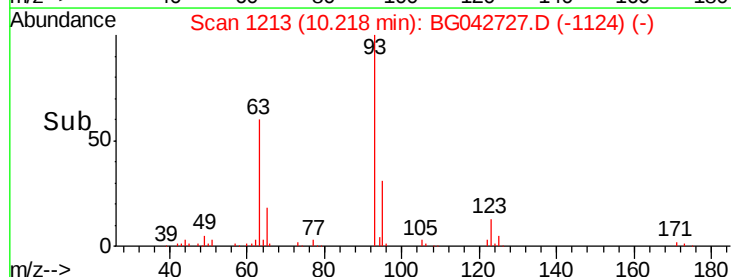


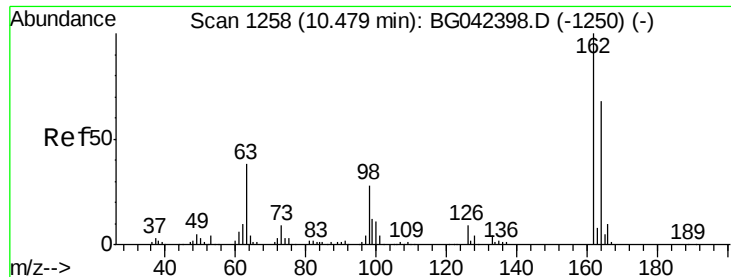
#28
bis(2-Chloroethoxy)methane
Concen: 32.875 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion: 93 Resp: 89444
Ion Ratio Lower Upper
93 100
95 31.3 26.6 40.0
123 13.4 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

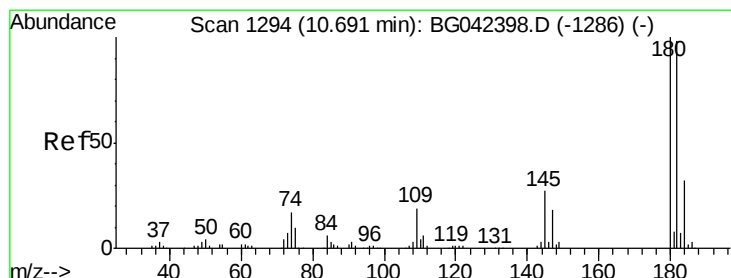
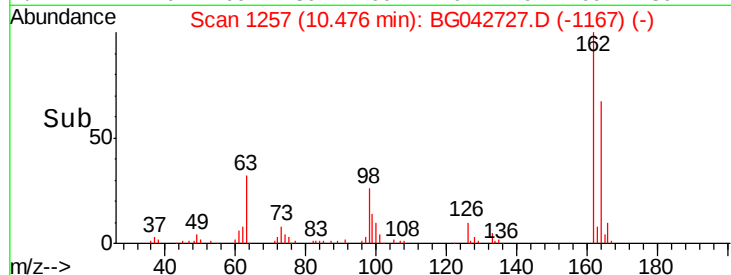
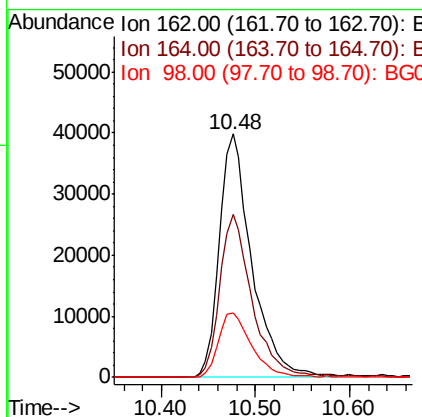
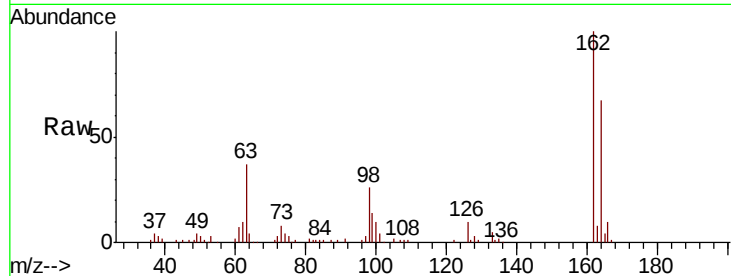




#29
 2,4-Dichlorophenol
 Concen: 38.308 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

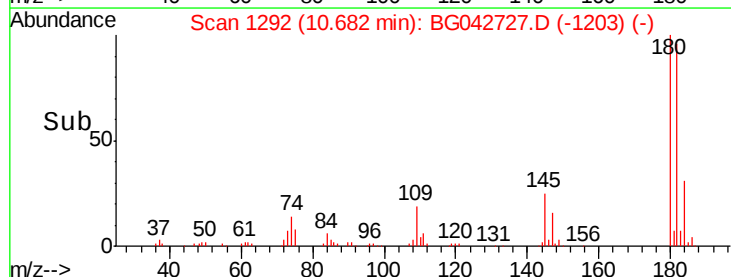
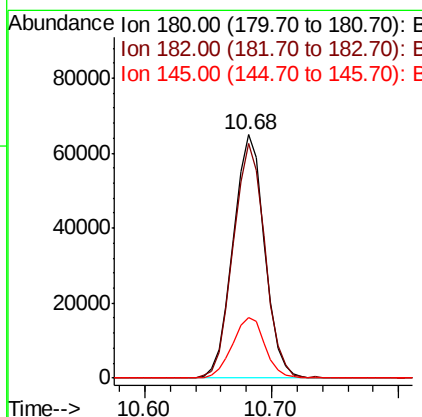
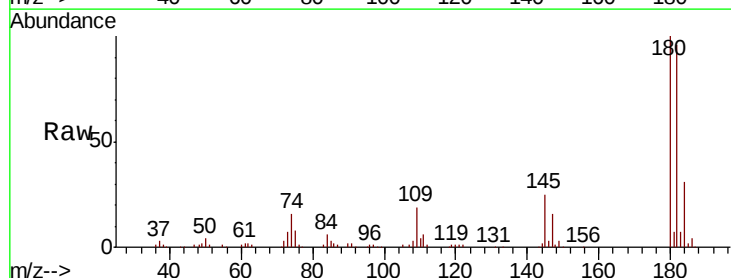
Instrument :
 BNA_G
 ClientSampled :

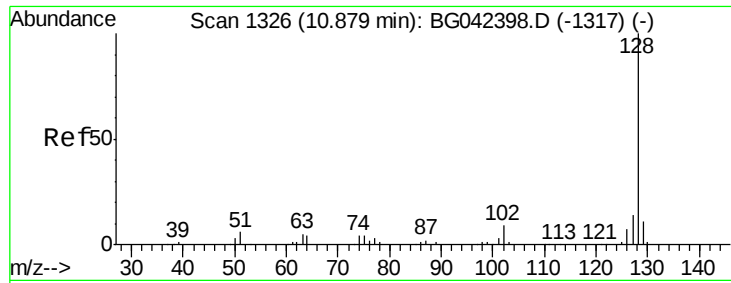
Tot Ion	162	Resp	95833
Ion	Ratio	Lower	Upper
162	100		
164	66.7	48.1	88.1
98	26.3	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 36.207 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	180	Resp	111178
Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.7	118.1
145	25.1	21.6	32.4

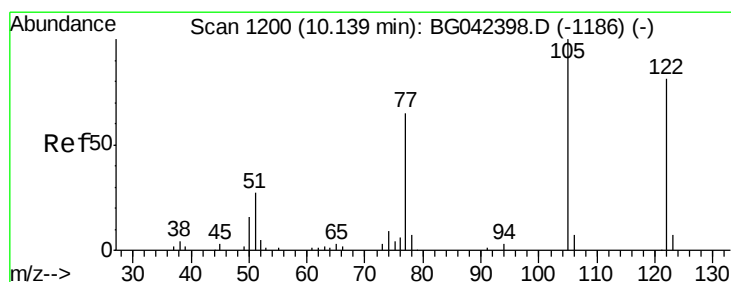
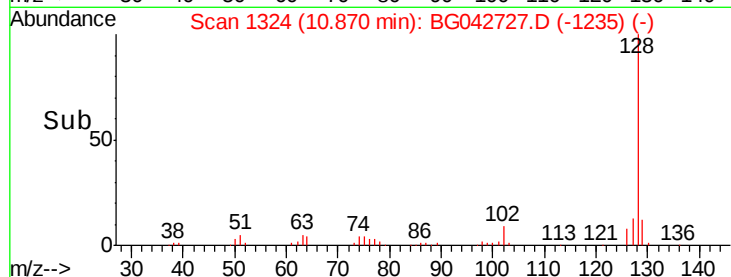
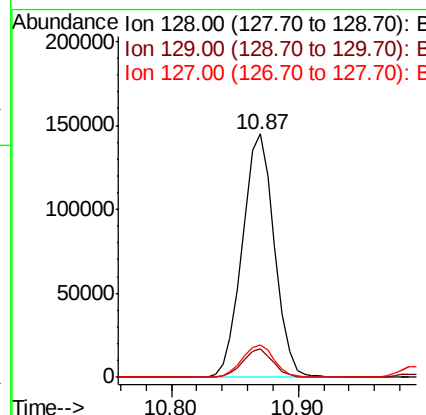
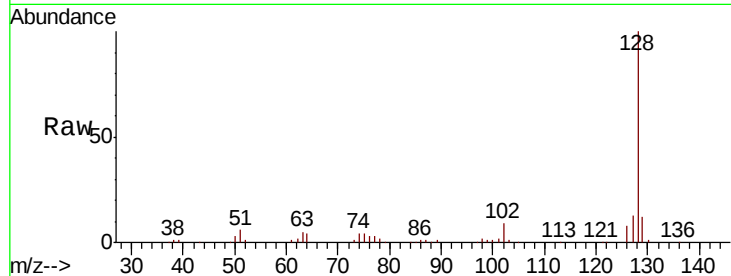




#31
Naphthalene
Concen: 36.079 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

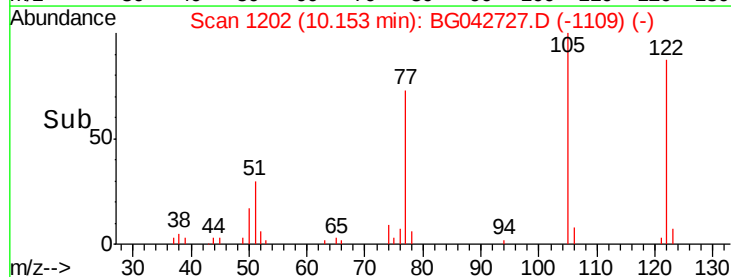
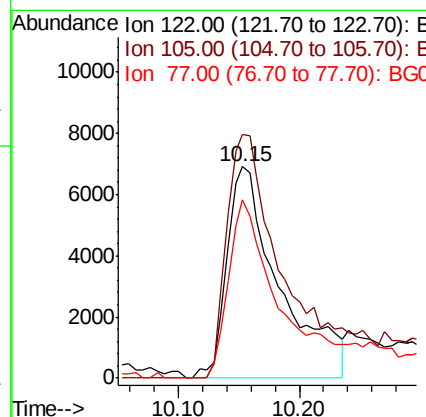
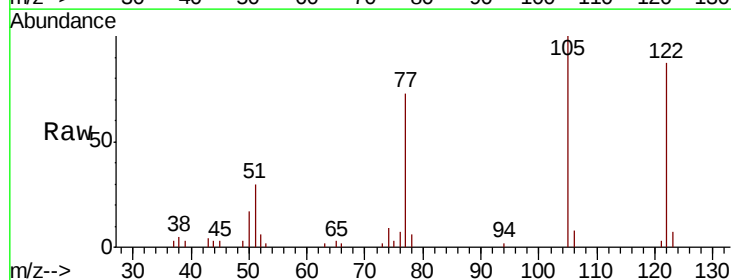
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.4	11.4	17.0



#32
Benzoic acid
Concen: 20.663 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.3	99.6	139.6
77	84.6	59.5	99.5

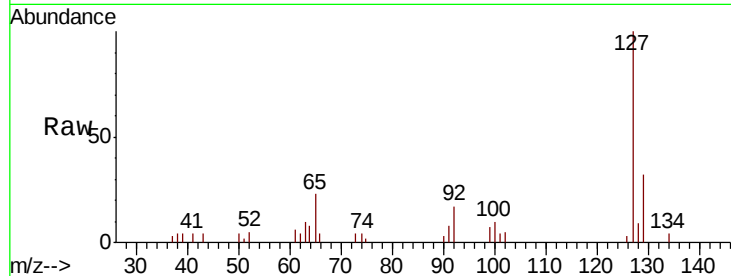




#33
4-Chloroaniline
Concen: 4.570 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	14806
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.8	40.2
65	23.1	20.7	31.1
92	17.0	13.6	20.4



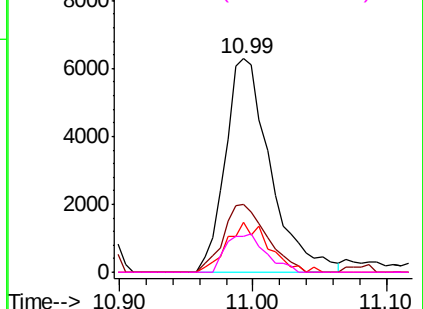
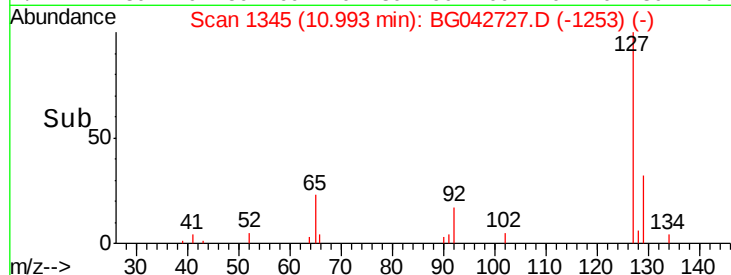
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

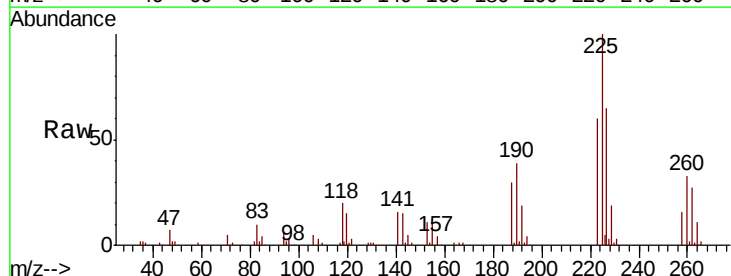
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 36.885 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion:	225	Resp:	76117
Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.8	74.6
227	64.7	50.9	76.3

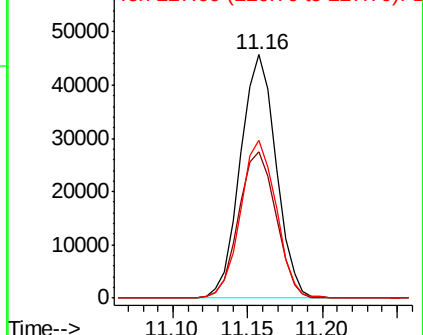
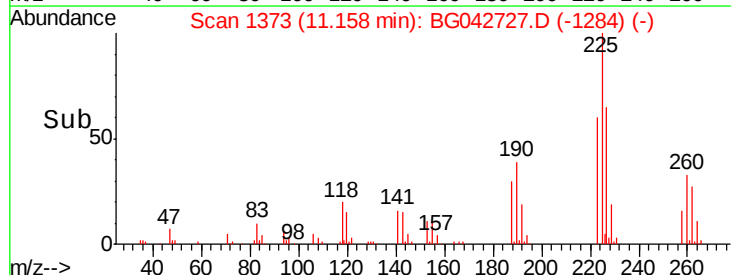


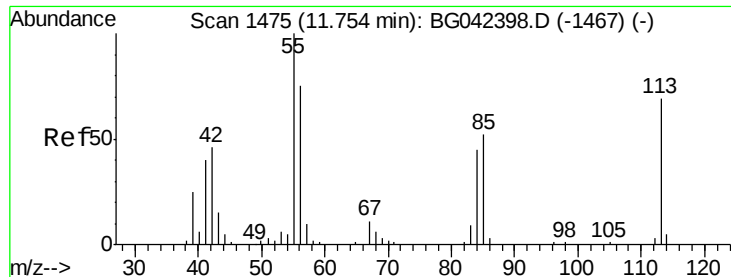
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.118 ng

RT: 11.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampled :

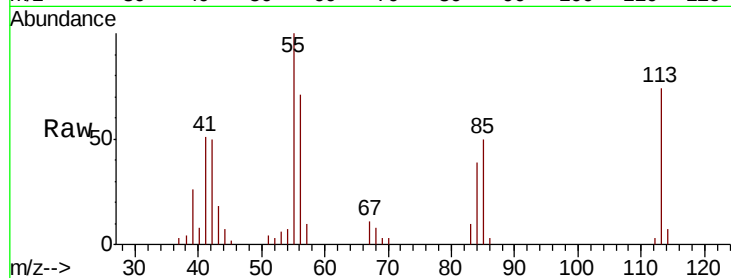
Tot Ion:113 Resp: 15124

Ion Ratio Lower Upper

113 100

55 135.0 124.6 164.6

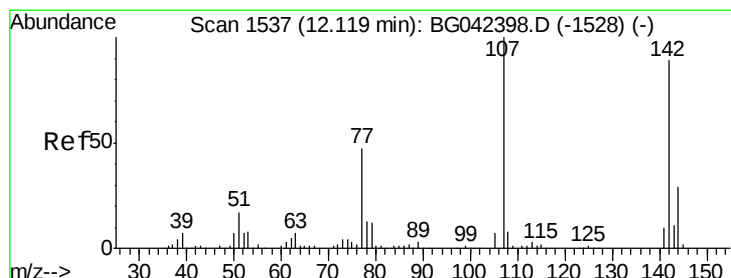
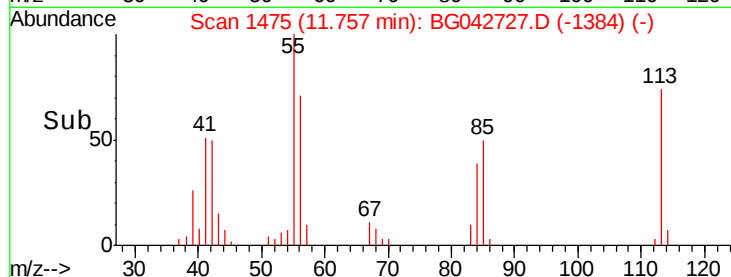
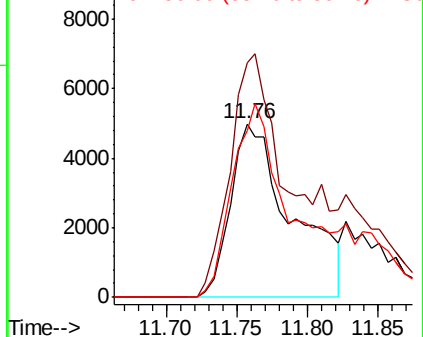
56 96.3 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 35.217 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

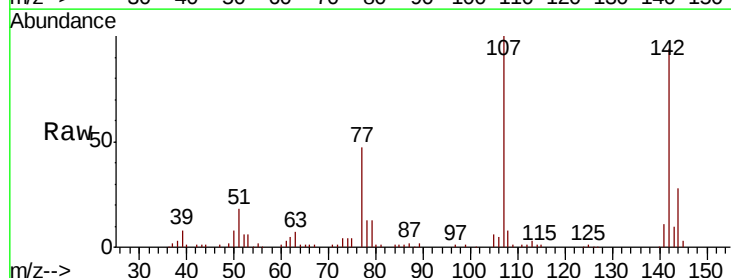
Tgt Ion:107 Resp: 83633

Ion Ratio Lower Upper

107 100

144 28.5 23.6 35.4

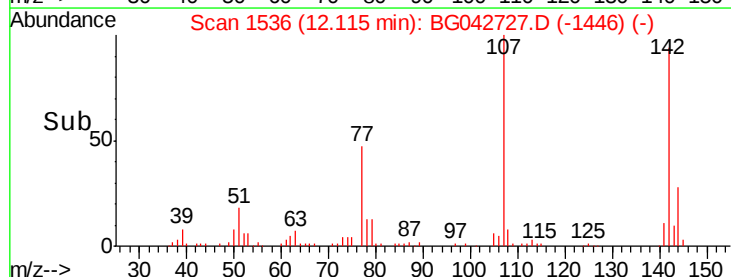
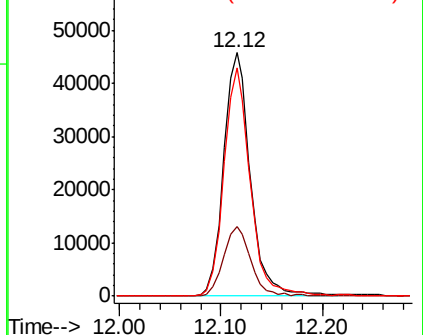
142 93.8 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

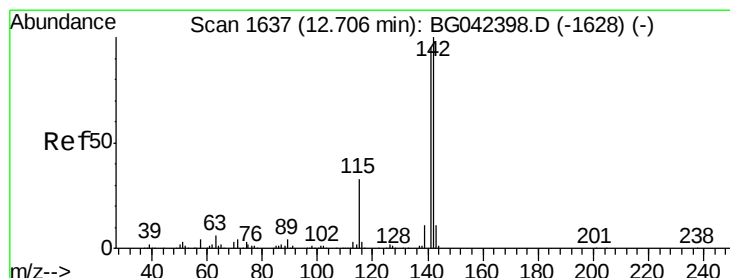
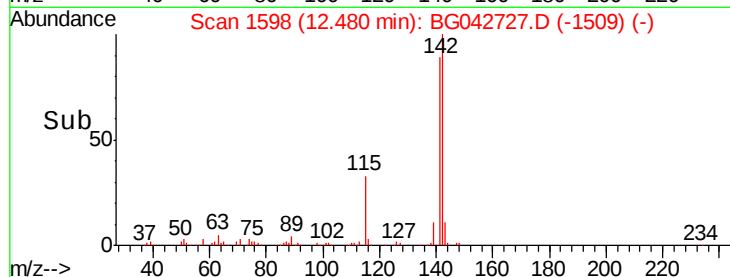
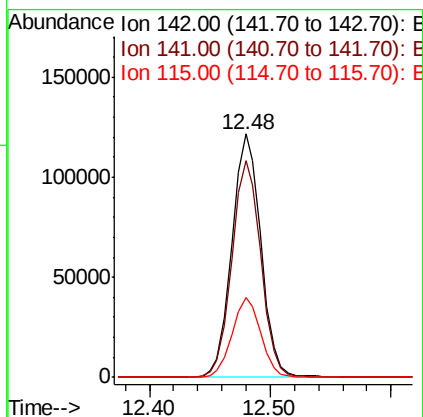
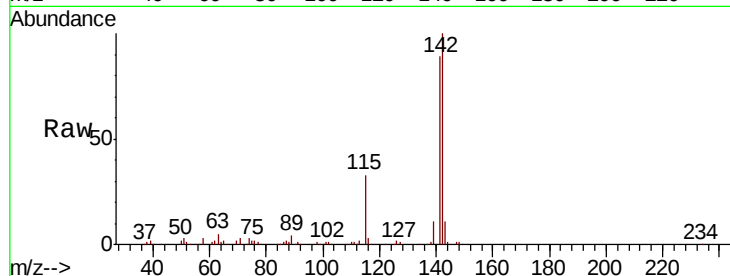




#37
2-Methylnaphthalene
Concen: 36.067 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

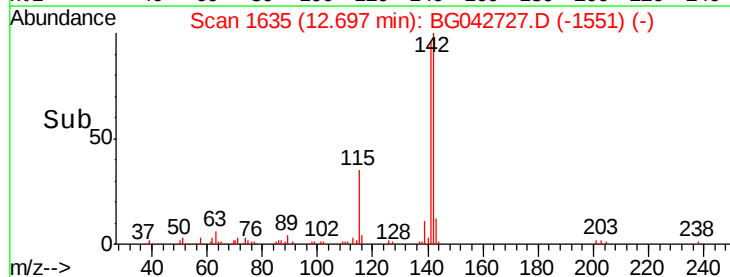
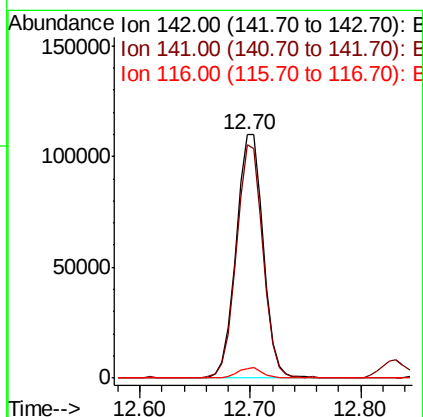
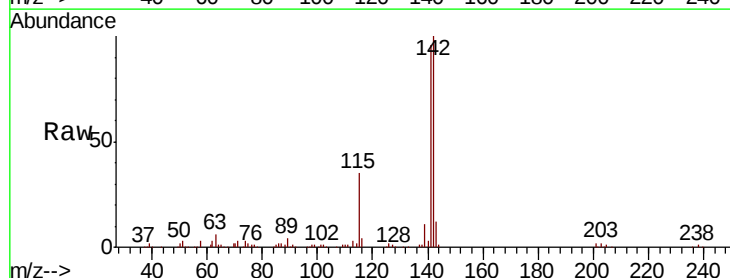
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	32.9	25.2	37.8



#38
1-Methylnaphthalene
Concen: 35.421 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	76.2	114.2
116	4.0	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: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

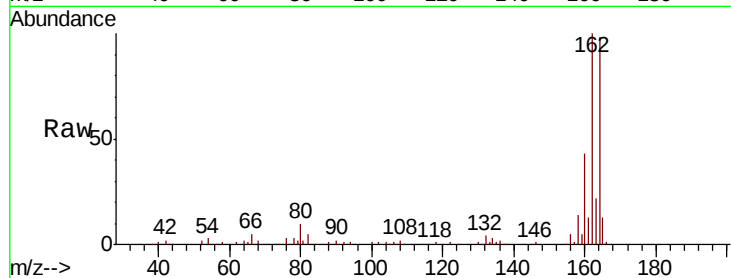
Tot Ion:164 Resp: 114416

Ion Ratio Lower Upper

164 100

162 102.4 79.9 119.9

160 43.7 34.3 51.5

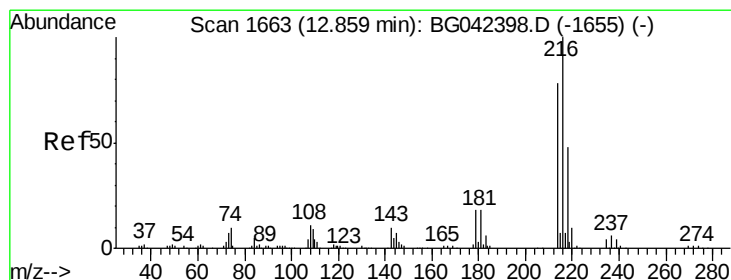
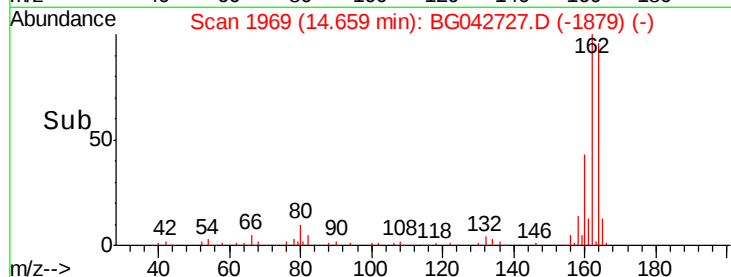
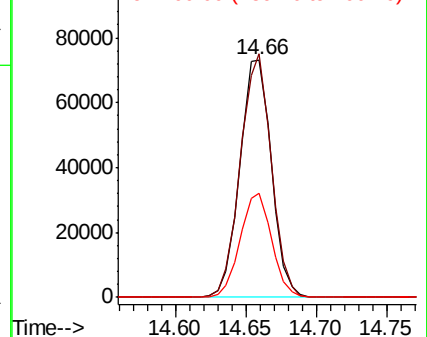


Abundance

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: 38.563 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:216 Resp: 141691

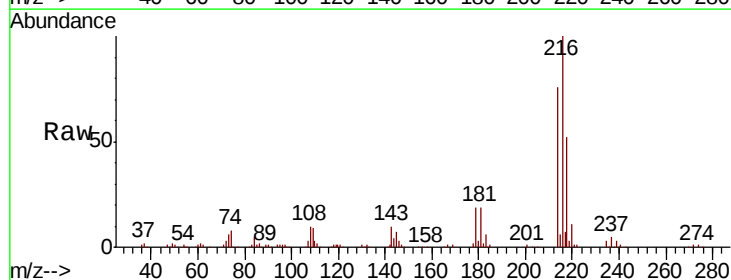
Ion Ratio Lower Upper

216 100

214 77.1 61.4 92.2

179 18.4 15.1 22.7

108 12.2 9.4 14.0



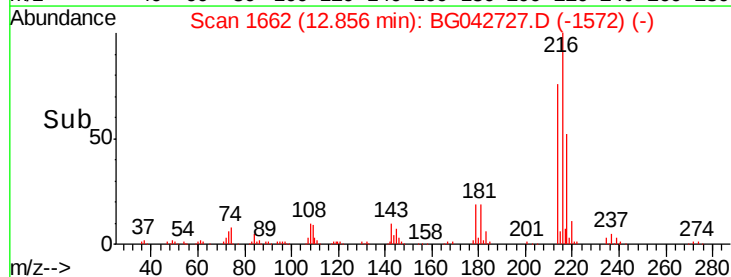
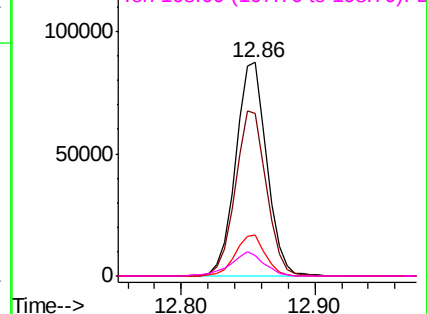
Abundance

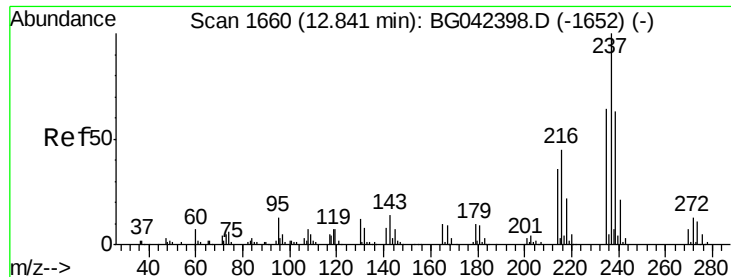
Ion 216.00 (215.70 to 216.70): E

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: 75.809 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

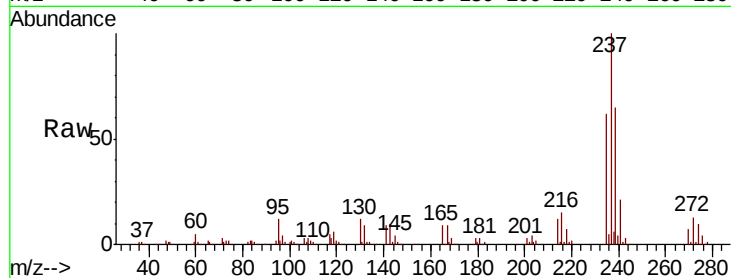
Tot Ion:237 Resp: 146316

Ion Ratio Lower Upper

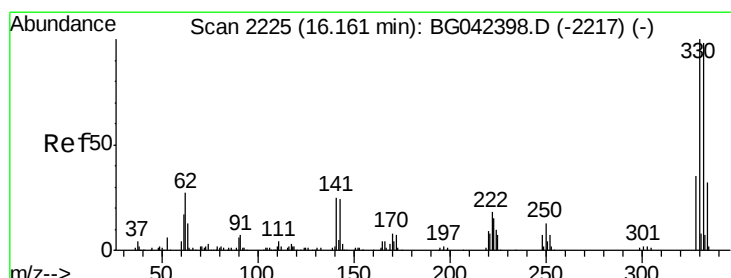
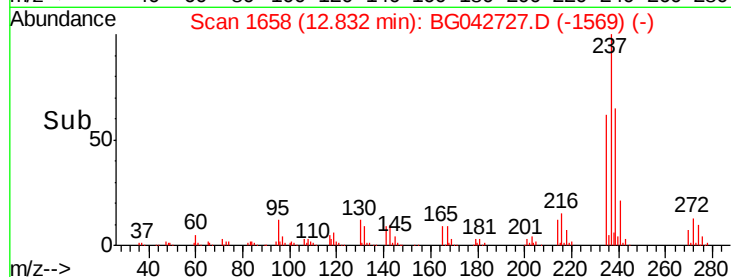
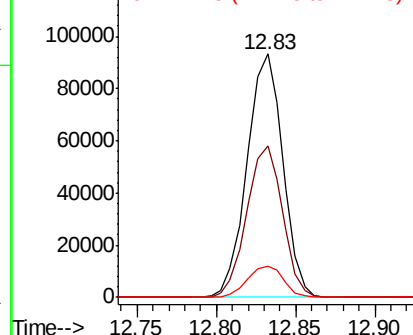
237 100

235 62.0 43.7 83.7

272 12.9 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 120.149 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

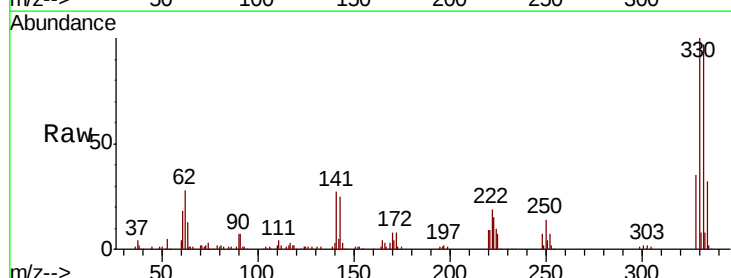
Tgt Ion:330 Resp: 195391

Ion Ratio Lower Upper

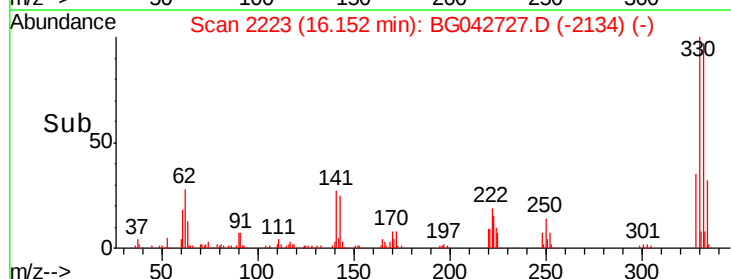
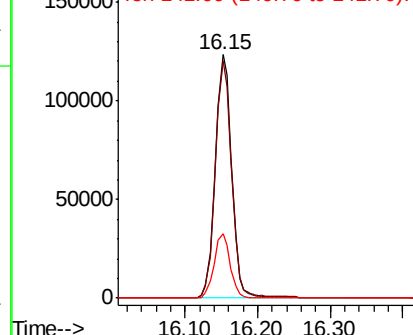
330 100

332 96.9 77.4 116.0

141 25.8 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

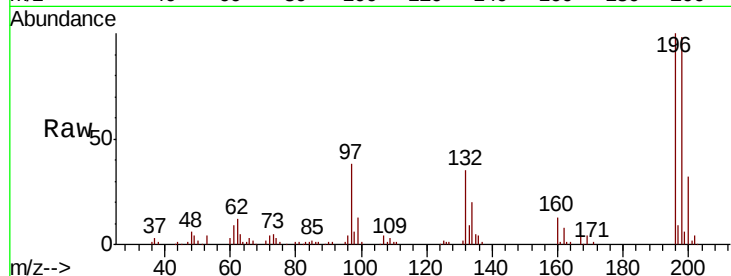




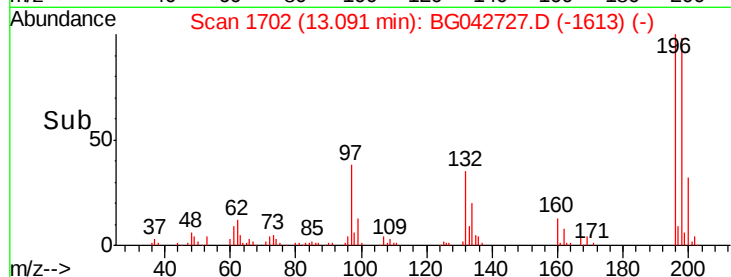
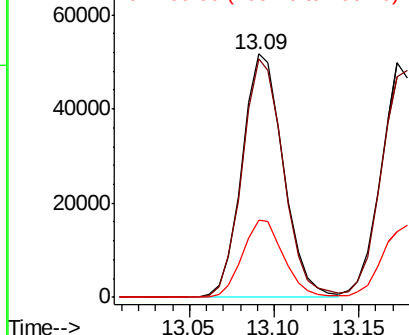
#43
 2,4,6-Trichlorophenol
 Concen: 35.476 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 88108
 Ion Ratio Lower Upper
 196 100
 198 97.8 80.7 121.1
 200 31.7 25.7 38.5

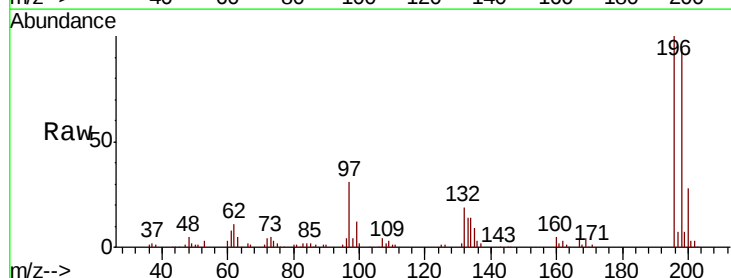


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

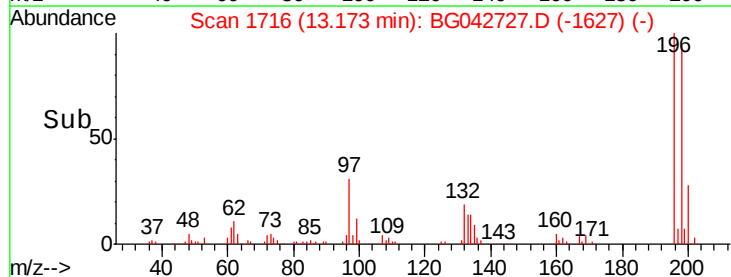
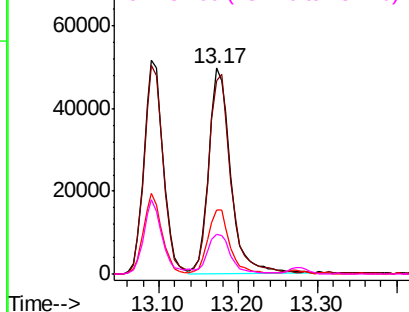


#44
 2,4,5-Trichlorophenol
 Concen: 37.177 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion:196 Resp: 95683
 Ion Ratio Lower Upper
 196 100
 198 93.9 80.2 120.4
 97 31.4 26.3 39.5
 132 19.3 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

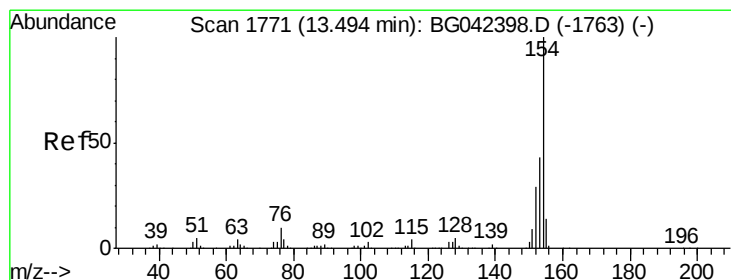
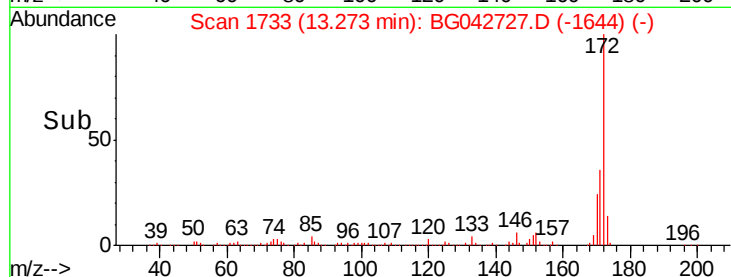
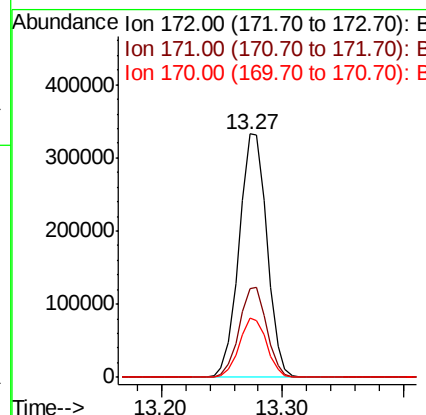
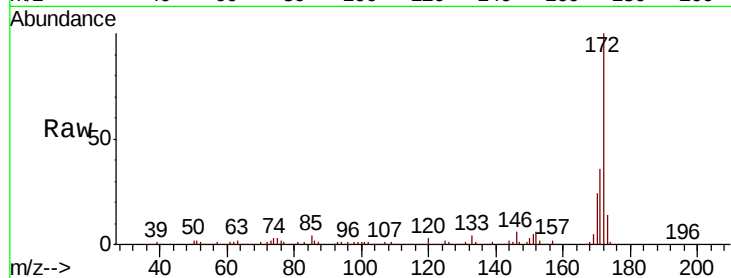




#45
2-Fluorobiphenyl
Concen: 79.408 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

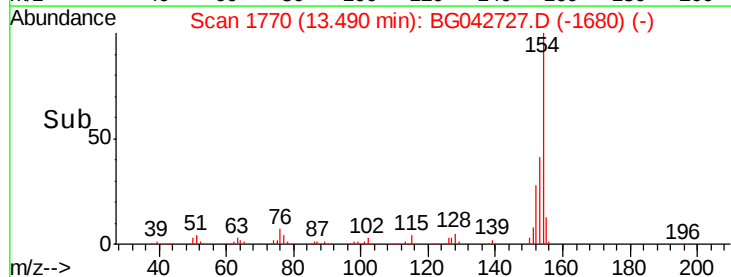
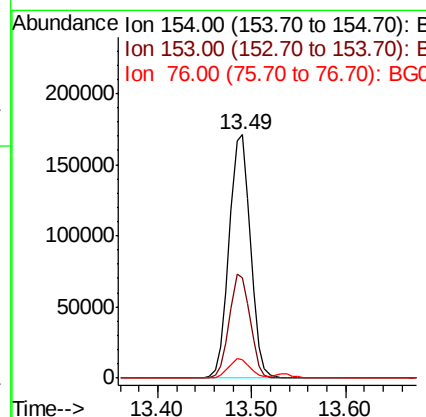
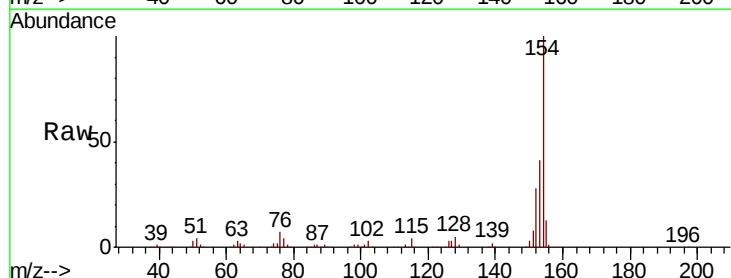
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.5	20.2	30.2



#46
1,1'-Biphenyl
Concen: 36.465 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.0	63.0
76	7.3	0.0	29.6

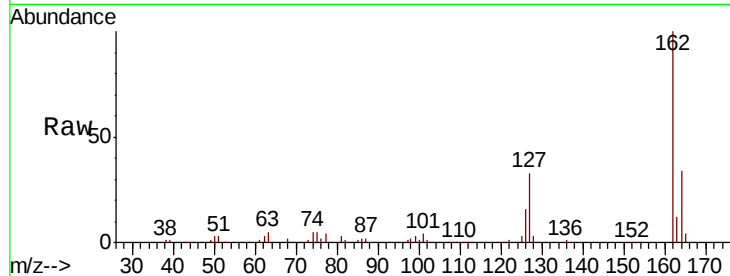




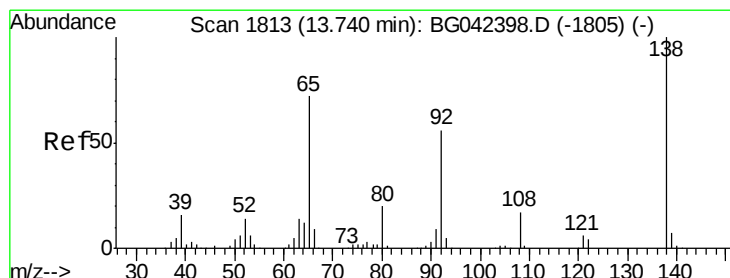
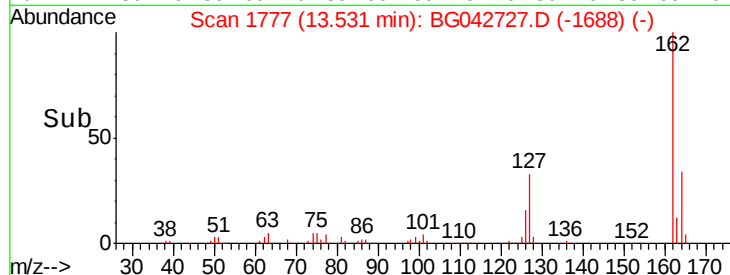
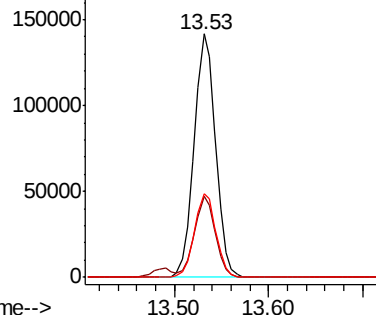
#47
 2-Chloronaphthalene
 Concen: 35.348 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 225423
 Ion Ratio Lower Upper
 162 100
 127 33.1 26.0 39.0
 164 34.1 27.4 41.0

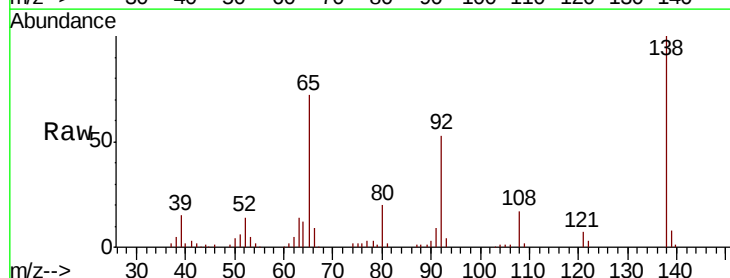


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

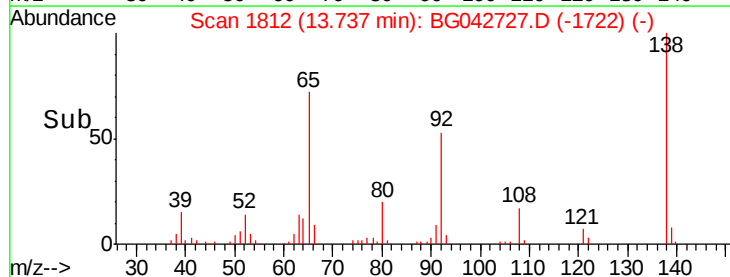
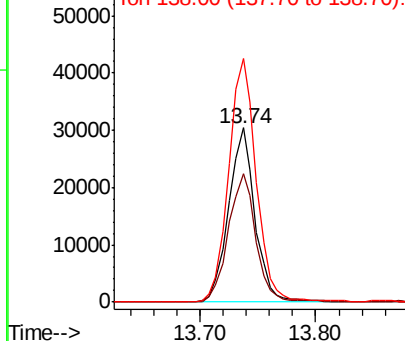


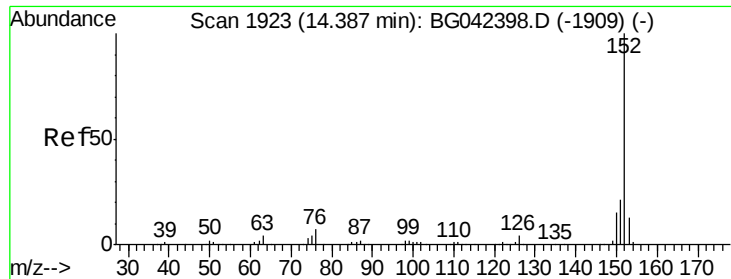
#48
 2-Nitroaniline
 Concen: 31.218 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion: 65 Resp: 48008
 Ion Ratio Lower Upper
 65 100
 92 73.4 61.8 92.6
 138 139.7 111.0 166.6



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





#49

Acenaphthylene

Concen: 36.293 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

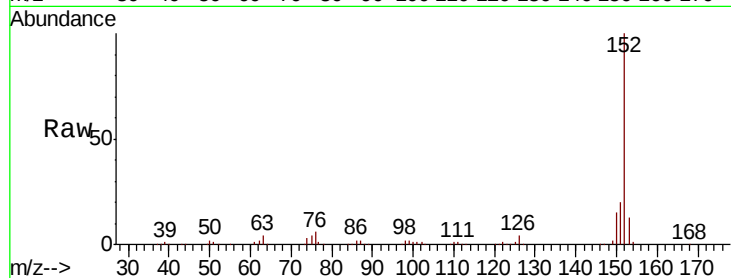
Tot Ion:152 Resp: 348212

Ion Ratio Lower Upper

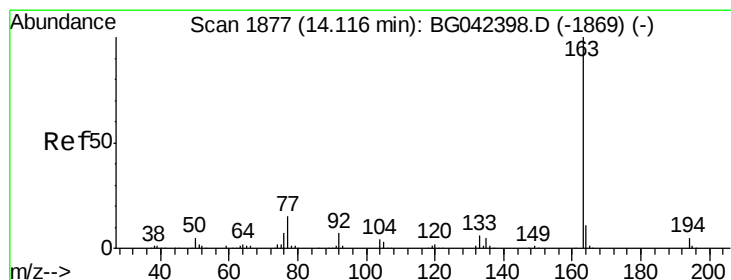
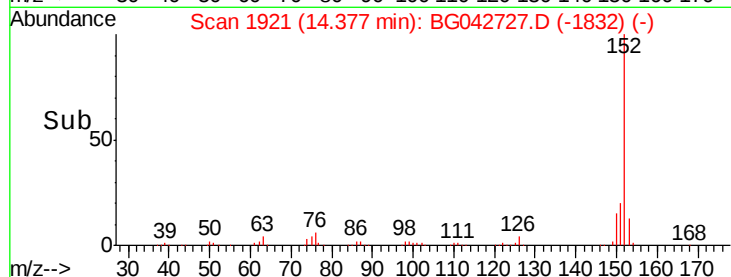
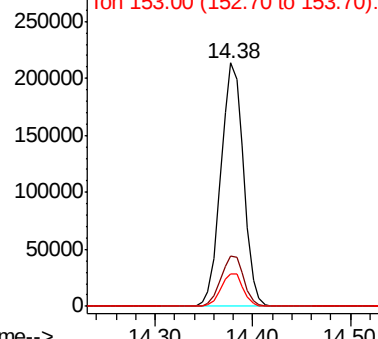
152 100

151 20.5 17.0 25.4

153 13.4 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: 36.921 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

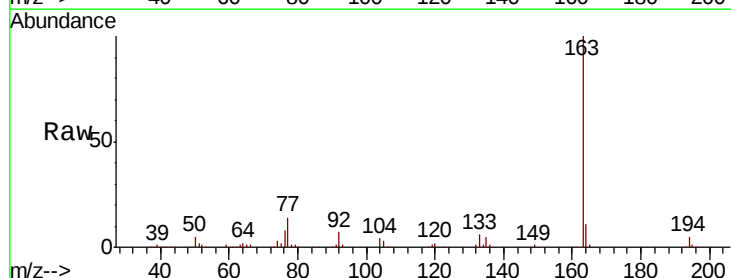
Tgt Ion:163 Resp: 304802

Ion Ratio Lower Upper

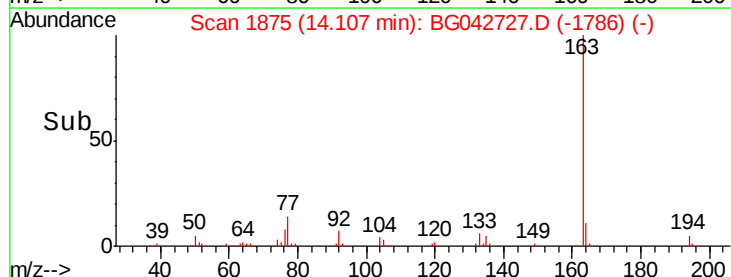
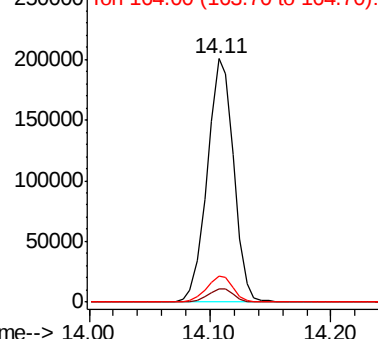
163 100

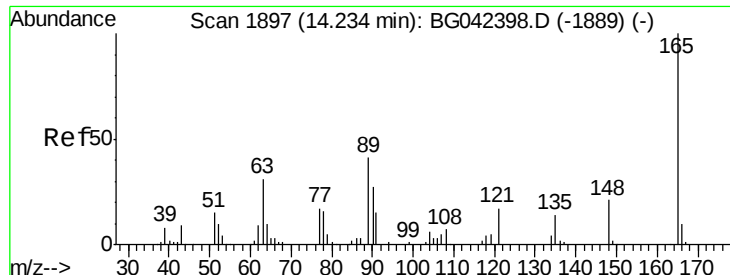
194 5.4 4.2 6.2

164 10.9 8.8 13.2



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

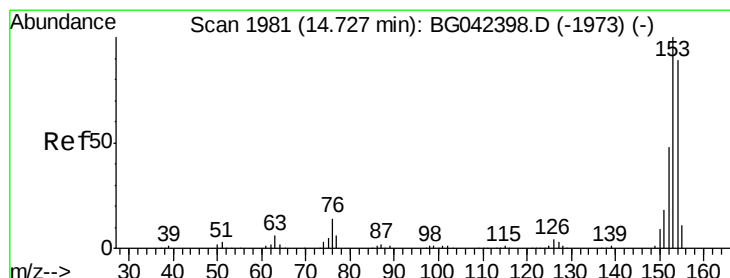
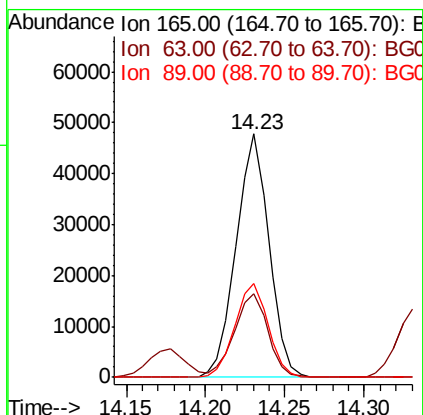
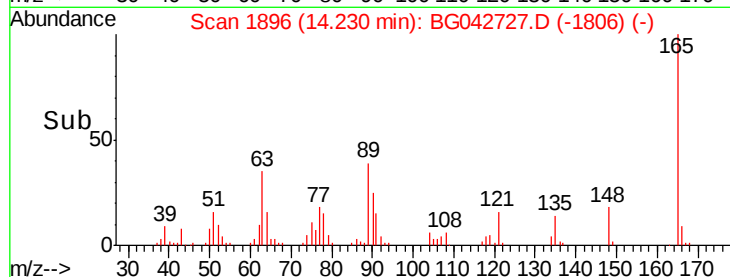
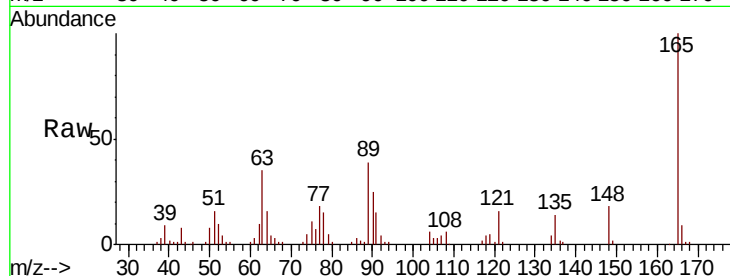




#51
 2,6-Dinitrotoluene
 Concen: 35.852 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

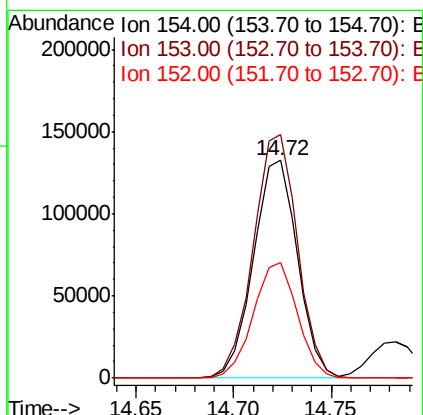
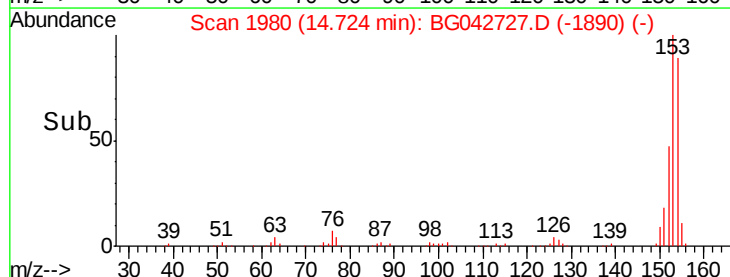
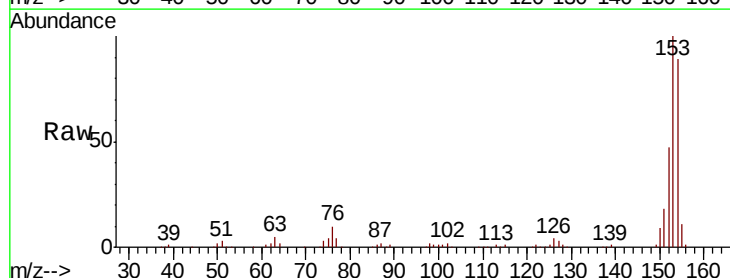
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 68605
 Ion Ratio Lower Upper
 165 100
 63 34.5 30.6 45.8
 89 38.6 32.6 49.0



#52
 Acenaphthene
 Concen: 35.512 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion:154 Resp: 206891
 Ion Ratio Lower Upper
 154 100
 153 112.0 90.2 135.4
 152 53.1 43.2 64.8

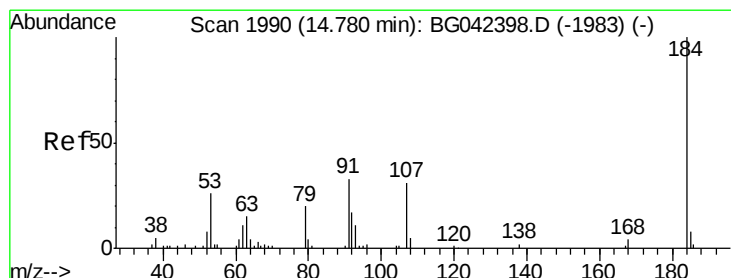
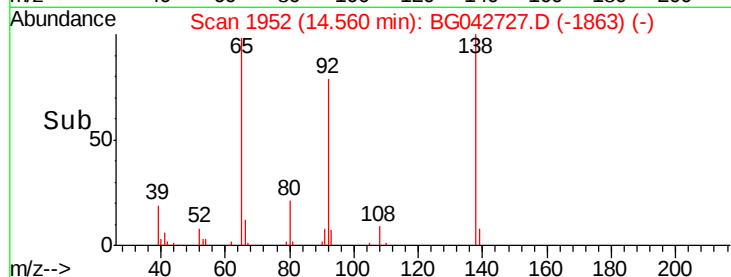
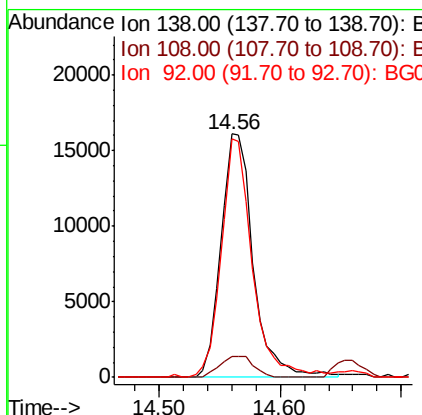
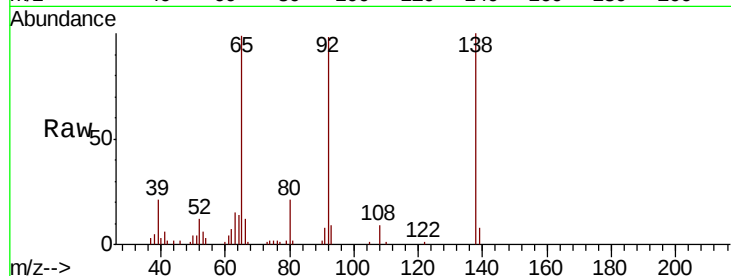




#53
3-Nitroaniline
Concen: 15.542 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

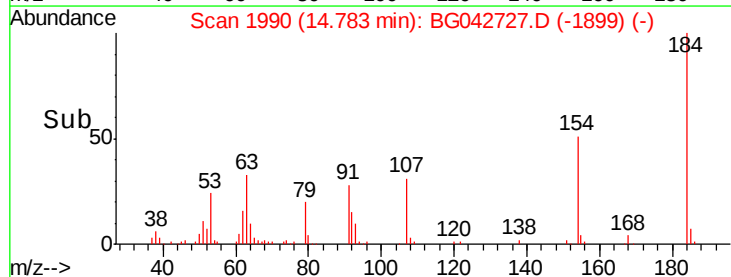
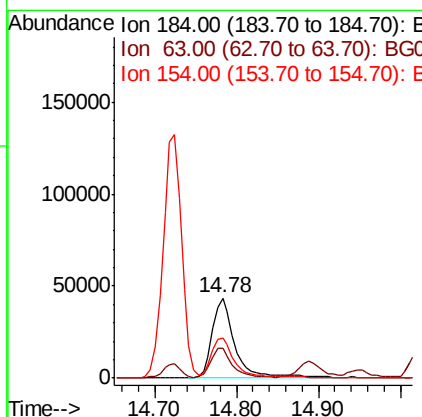
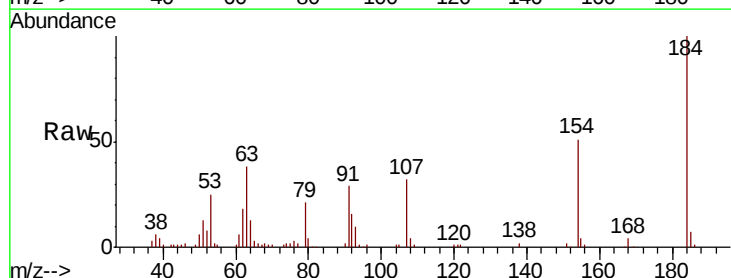
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 29743
Ion Ratio Lower Upper
138 100
108 8.6 8.3 12.5
92 97.8 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 66.886 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion:184 Resp: 84841
Ion Ratio Lower Upper
184 100
63 37.8 31.7 47.5
154 51.0 42.0 63.0





#55

Dibenzofuran

Concen: 37.303 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

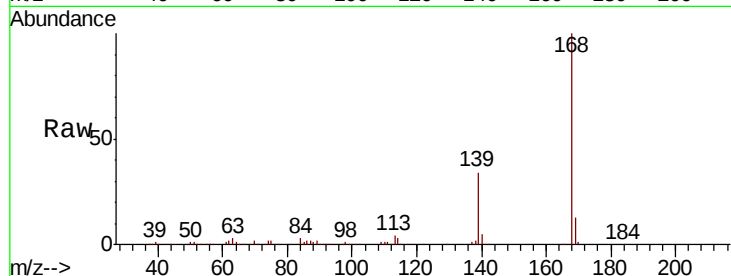
Tot Ion:168 Resp: 359726

Ion Ratio Lower Upper

168 100

139 34.2 27.2 40.8

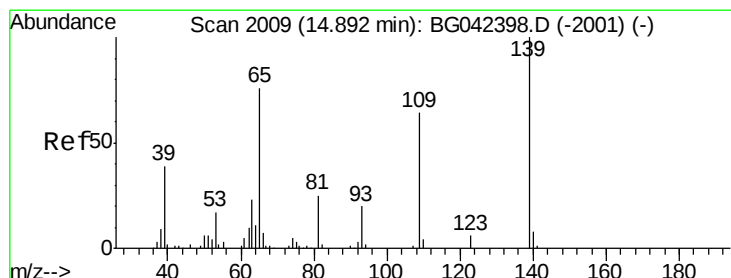
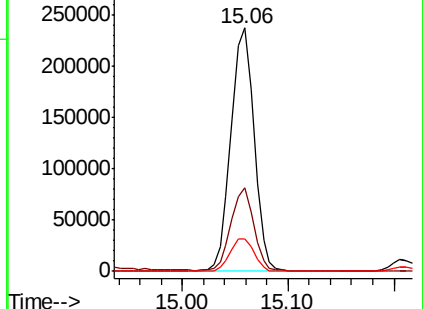
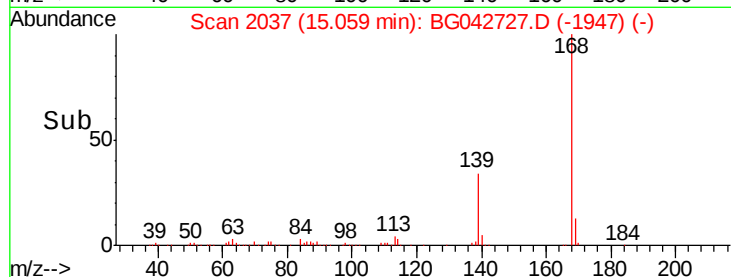
169 13.4 11.5 17.3



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: 62.722 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

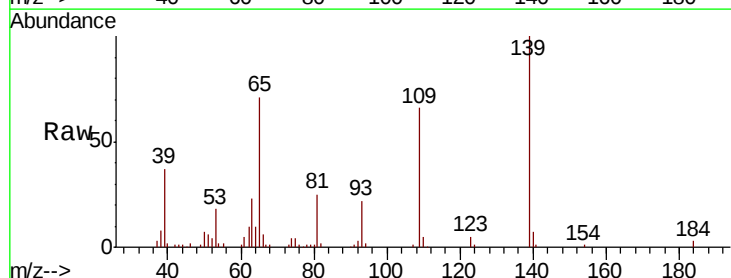
Tgt Ion:139 Resp: 85294

Ion Ratio Lower Upper

139 100

109 65.9 43.9 83.9

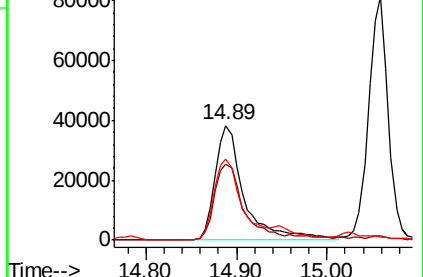
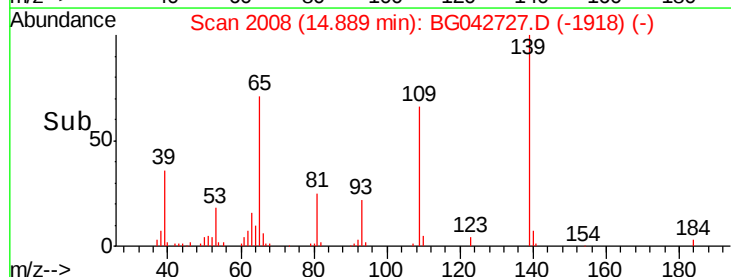
65 71.1 56.3 96.3

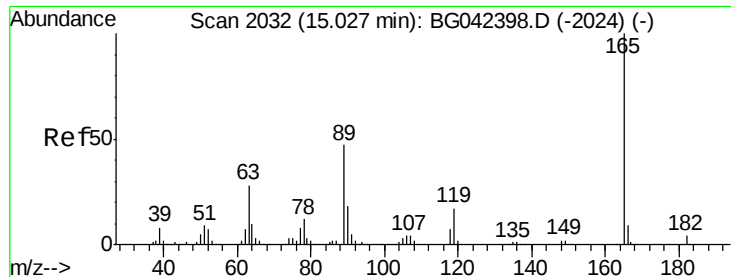


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

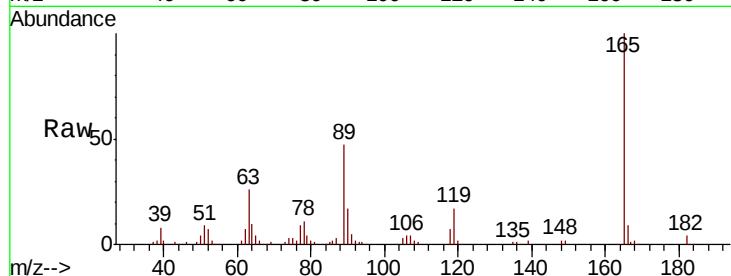




#57
2,4-Dinitrotoluene
Concen: 36.664 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	26.4	22.5	33.7
89	46.8	37.8	56.6
182	3.7	3.0	4.4



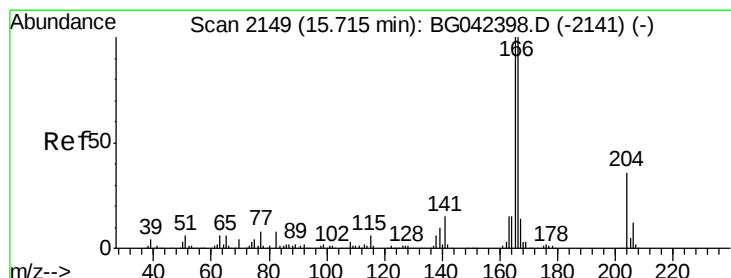
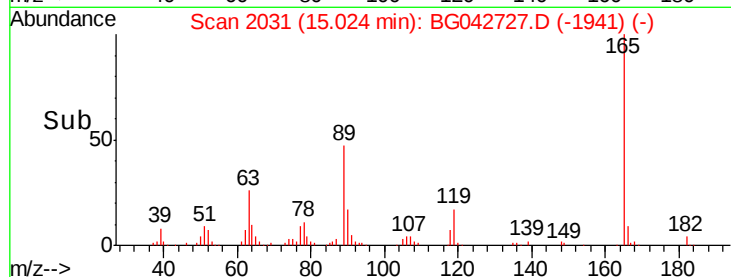
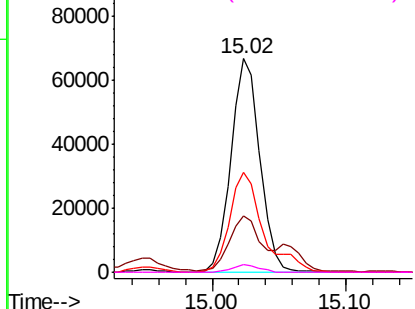
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

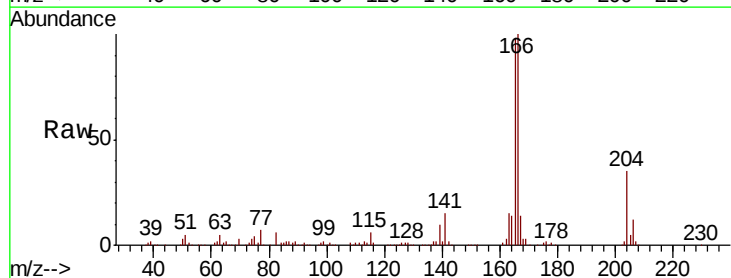
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.683 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.7	119.5
167	13.7	10.9	16.3

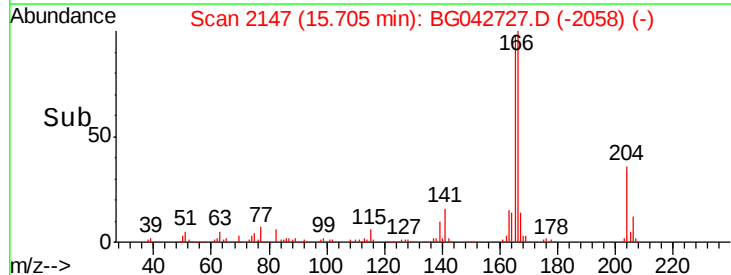
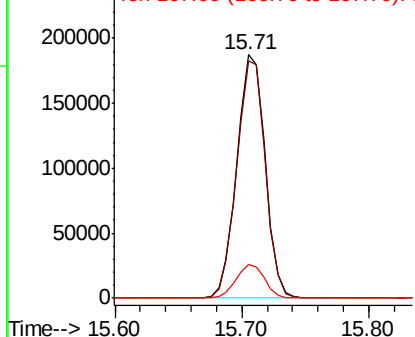


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

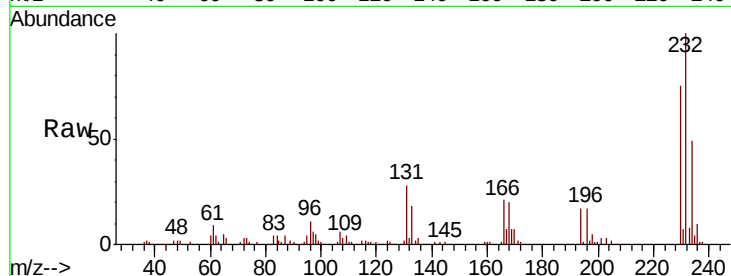




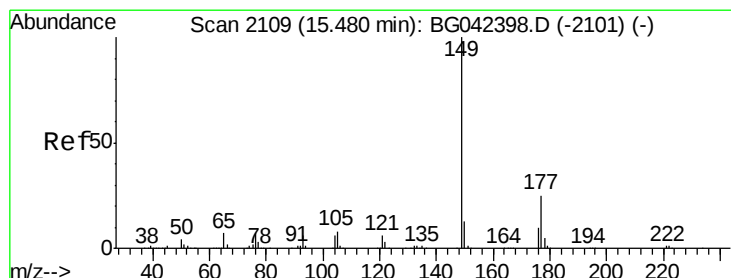
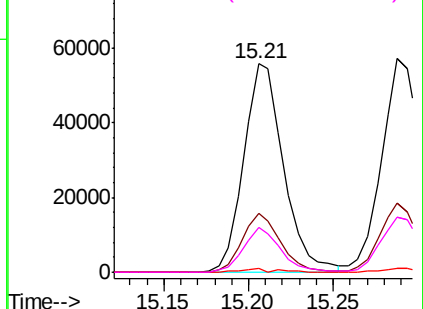
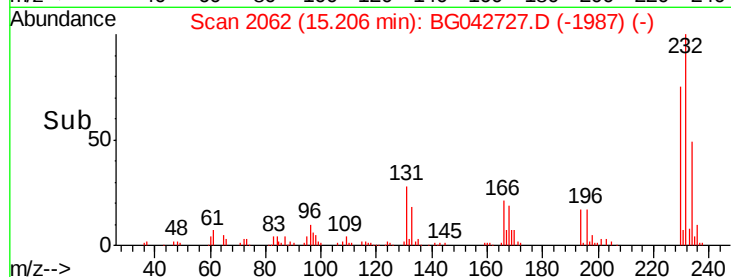
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.934 ng
RT: 15.21 min Scan# 2062
Delta R.T. -0.09 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:232 Resp: 91458
Ion Ratio Lower Upper
232 100
131 27.2 22.9 34.3
130 1.4 1.4 2.0
166 20.2 17.0 25.4

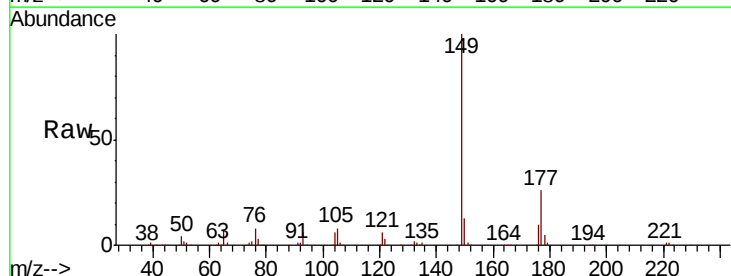


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

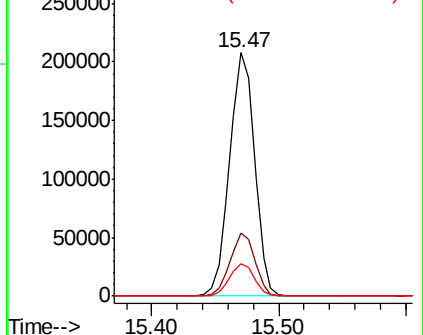
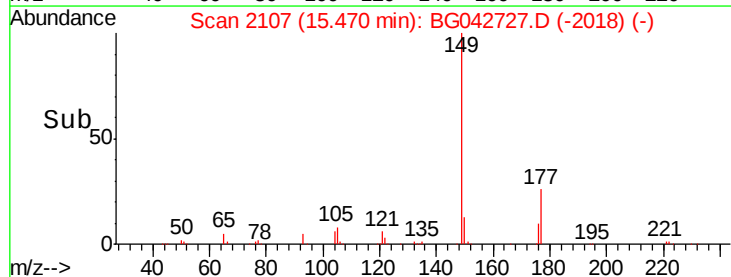


#60
Diethylphthalate
Concen: 34.995 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion:149 Resp: 282415
Ion Ratio Lower Upper
149 100
177 25.7 20.4 30.6
150 13.4 10.3 15.5



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

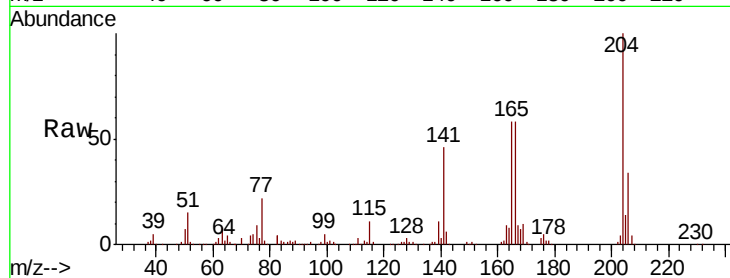




#61
 4-Chlorophenyl-phenylether
 Concen: 36.398 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.2	40.8
141	45.8	38.7	58.1

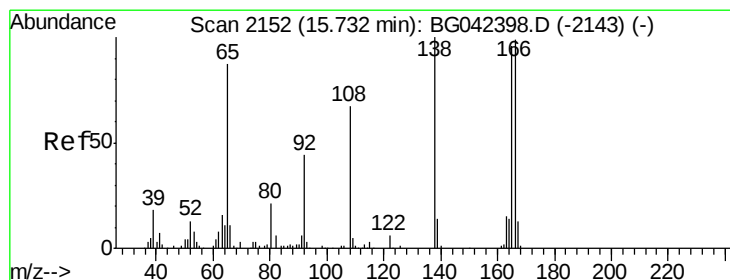
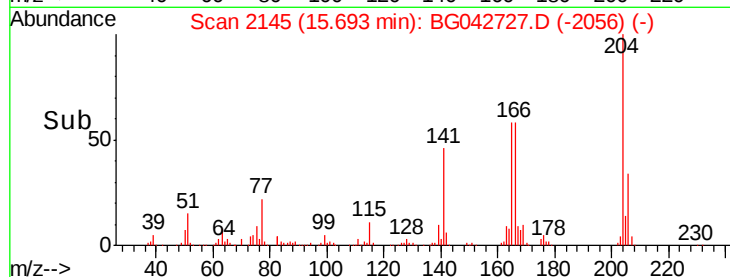
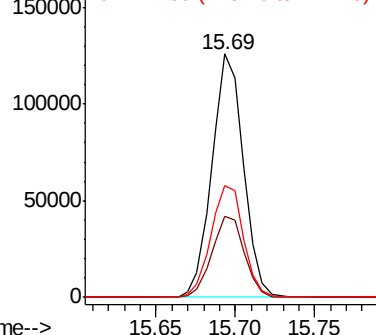


Abundance

Ion 204.00 (203.70 to 204.70): E

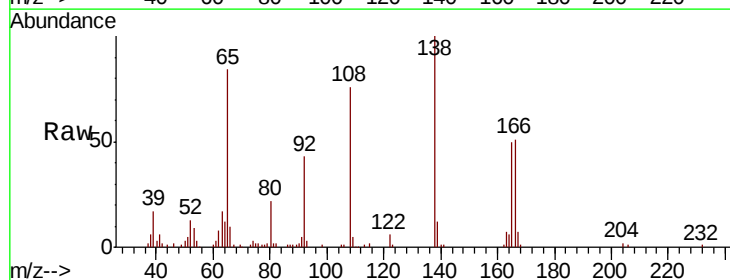
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 34.027 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.7	24.2	64.2
108	75.7	46.8	86.8

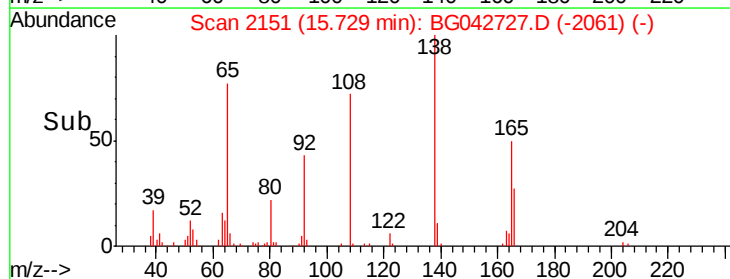
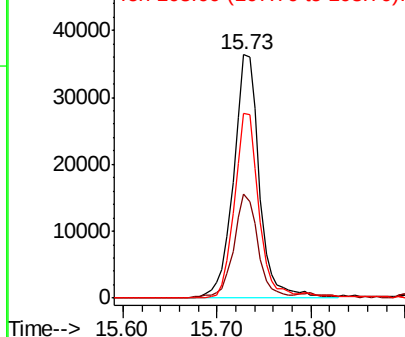


Abundance

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

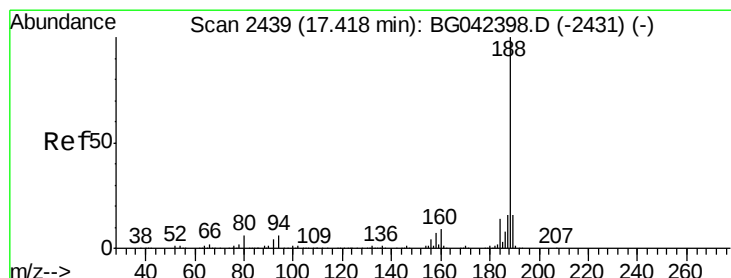
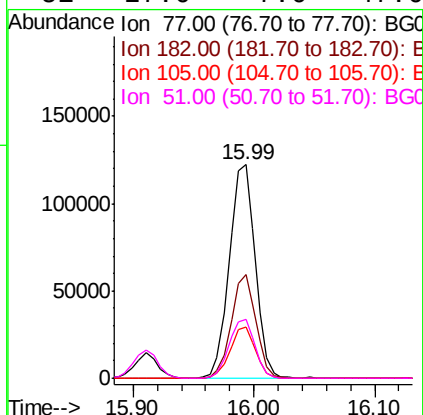
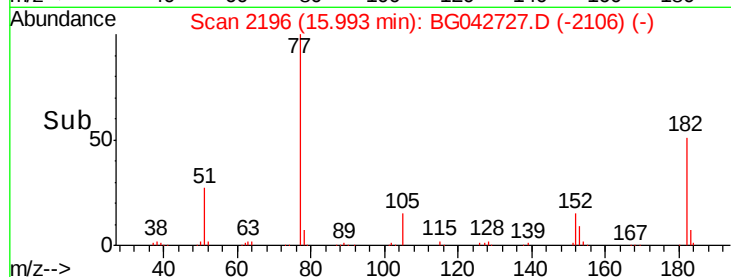
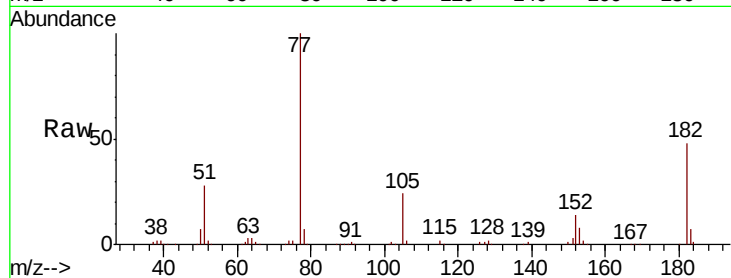




#63
Azobenzene
Concen: 32.994 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

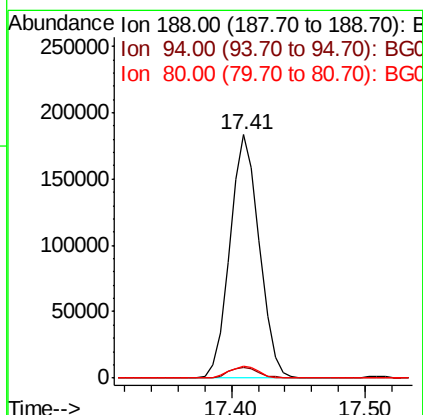
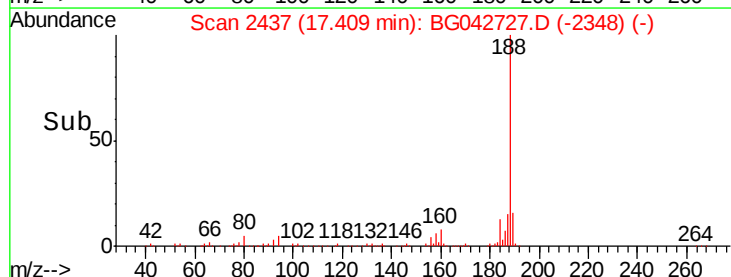
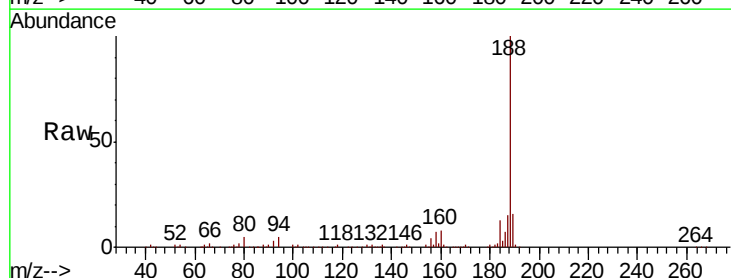
Instrument :
BNA_G
ClientSampleId :

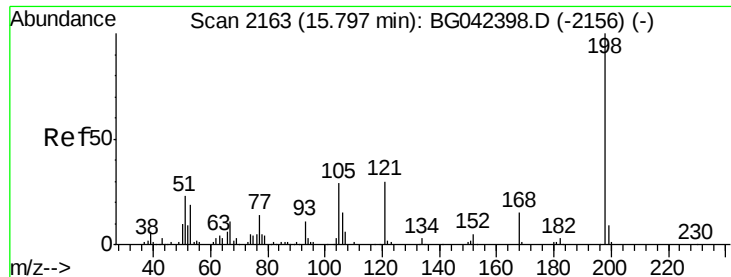
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	48.4	19.9	59.9	
105	24.2	2.9	42.9	
51	27.6	7.6	47.6	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.6	4.5	6.7	
80	4.7	4.9	7.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 38.502 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

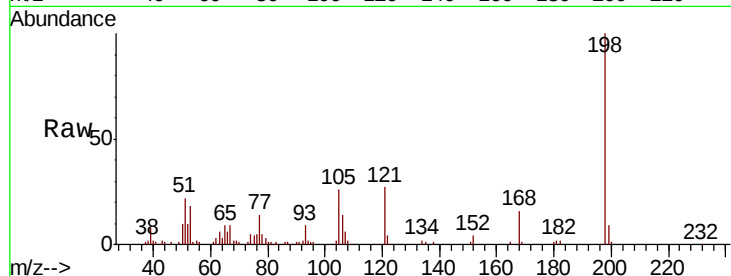
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 68027

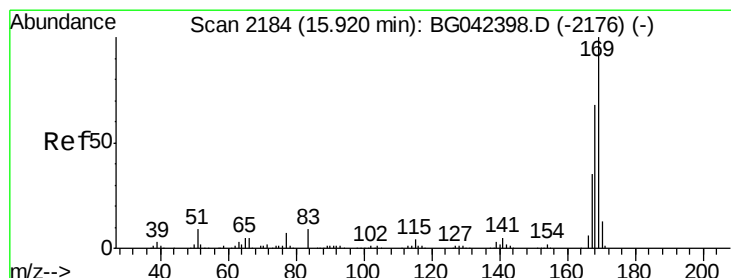
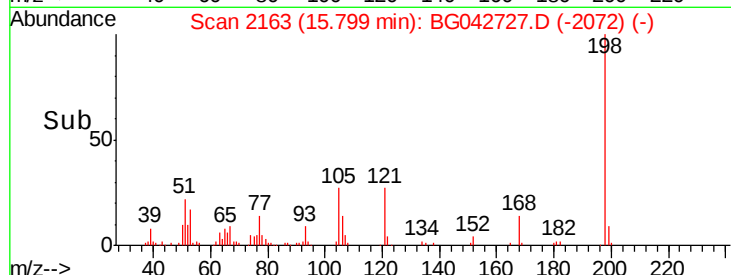
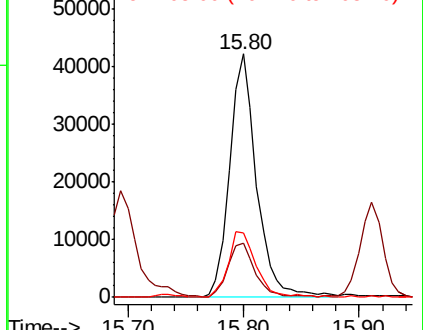
Ion	Ratio	Lower	Upper
198	100		
51	22.3	4.2	44.2
105	26.4	8.8	48.8



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: 34.696 ng

RT: 15.91 min Scan# 2182

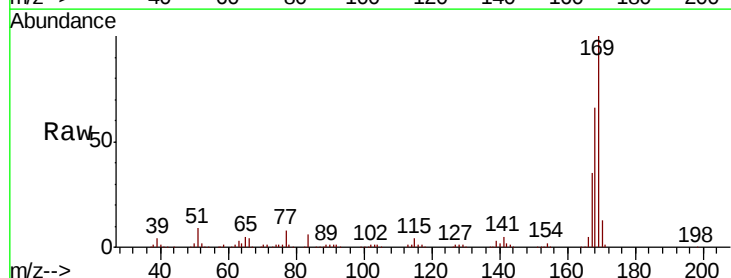
Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:169 Resp: 268889

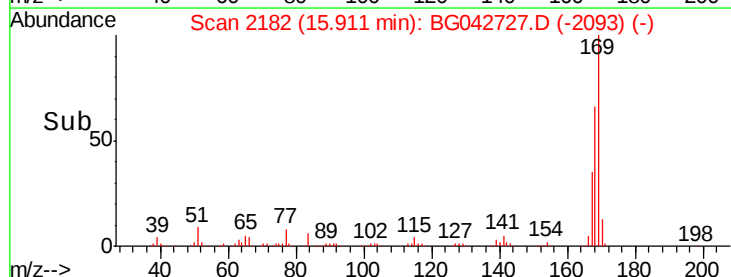
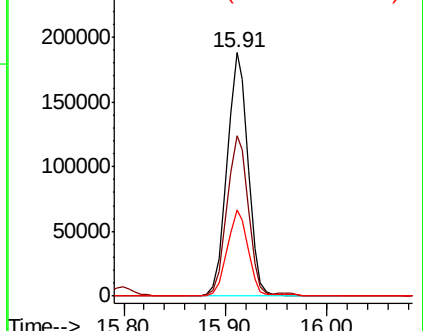
Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.3	81.5
167	35.2	28.2	42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

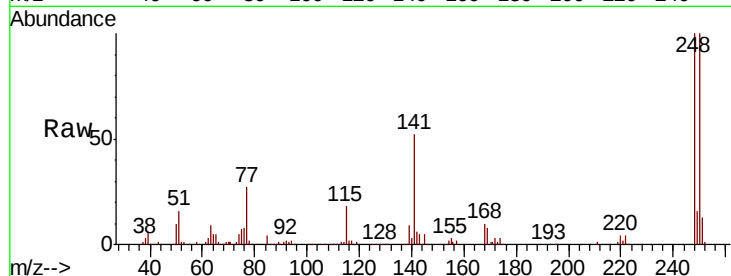




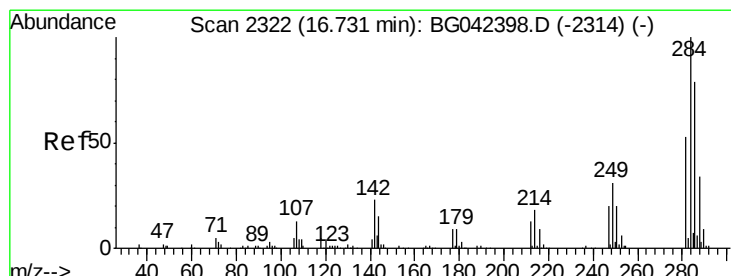
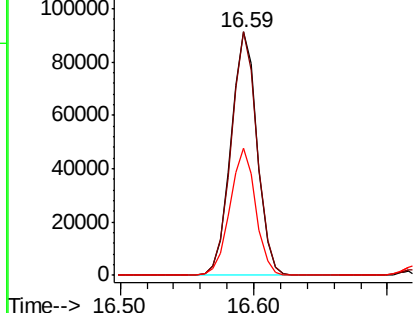
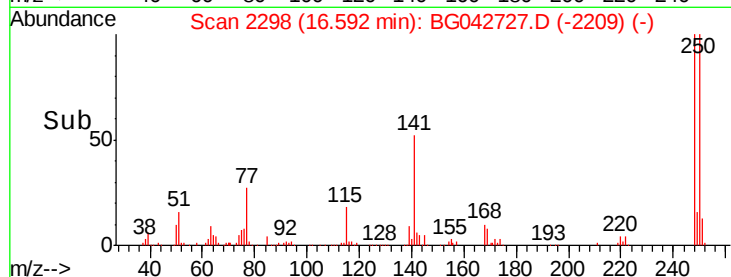
#67
 4-Bromophenyl-phenylether
 Concen: 34.956 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 124953
 Ion Ratio Lower Upper
 248 100
 250 100.2 78.9 118.3
 141 52.3 43.3 64.9

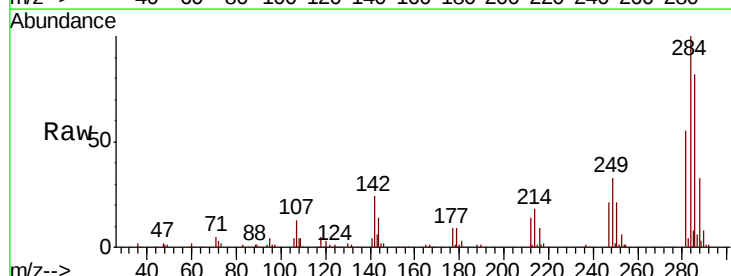


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

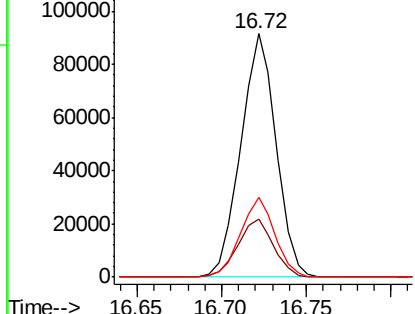
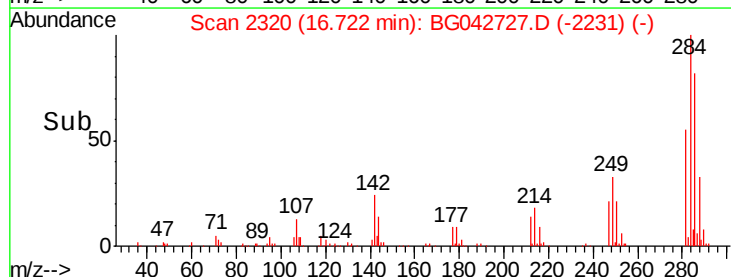


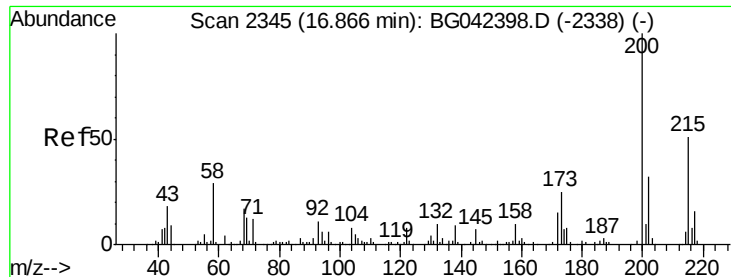
#68
 Hexachlorobenzene
 Concen: 34.173 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion:284 Resp: 132791
 Ion Ratio Lower Upper
 284 100
 142 23.6 18.2 27.4
 249 32.9 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

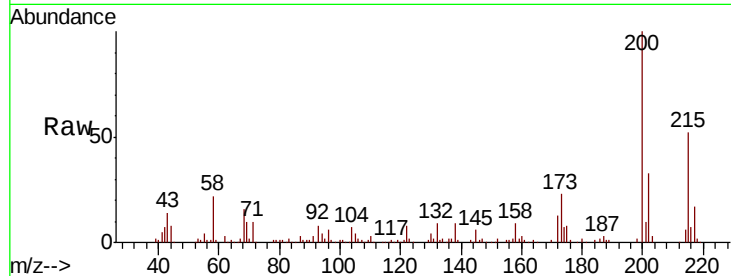




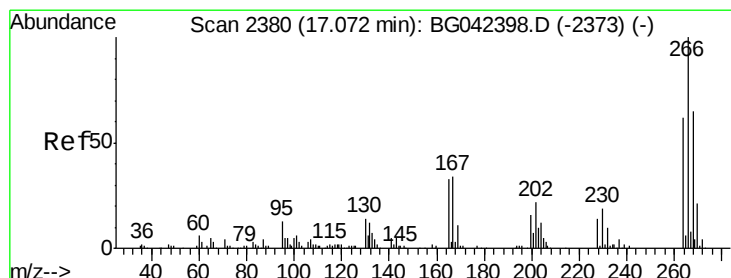
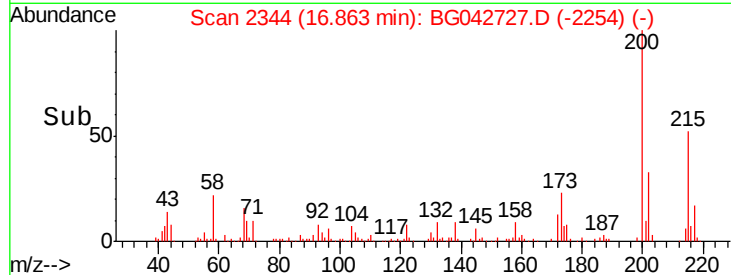
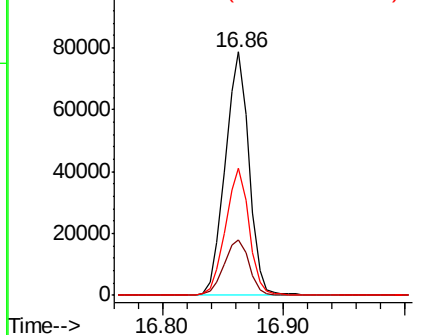
#69
 Atrazine
 Concen: 39.321 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 107764
 Ion Ratio Lower Upper
 200 100
 173 22.9 4.9 44.9
 215 52.3 30.7 70.7

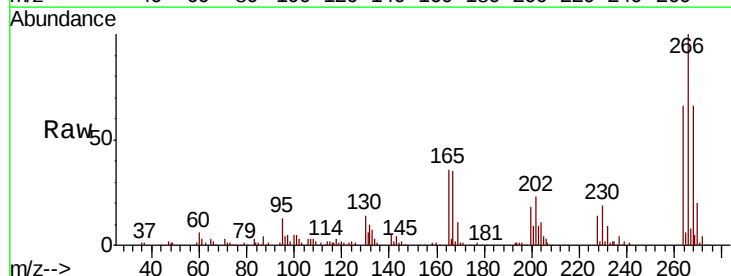


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

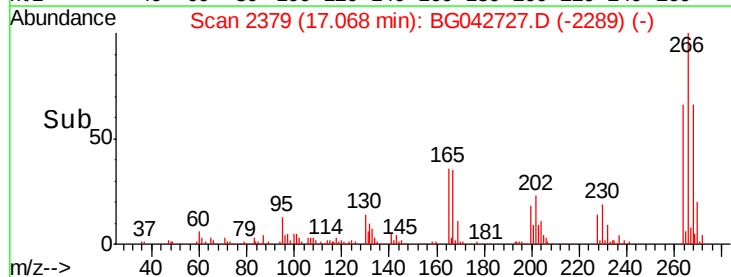
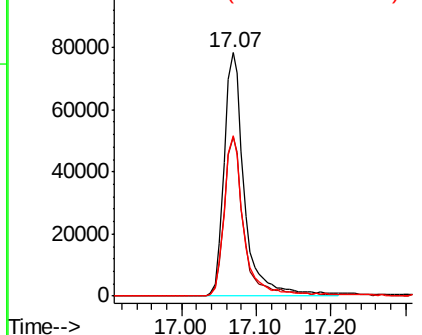


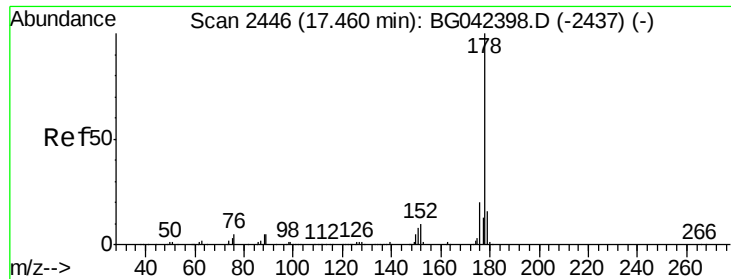
#70
 Pentachlorophenol
 Concen: 74.102 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion:266 Resp: 149613
 Ion Ratio Lower Upper
 266 100
 268 65.6 52.1 78.1
 264 66.1 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

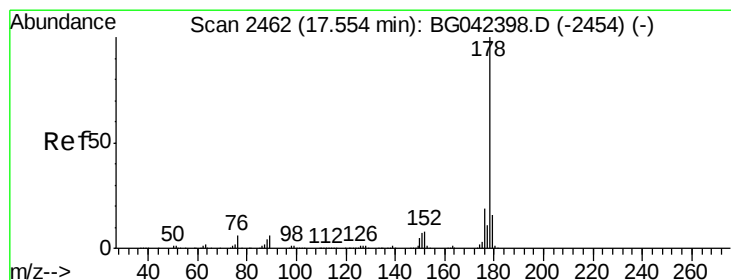
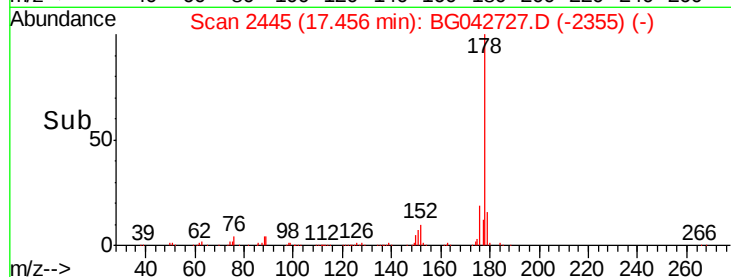
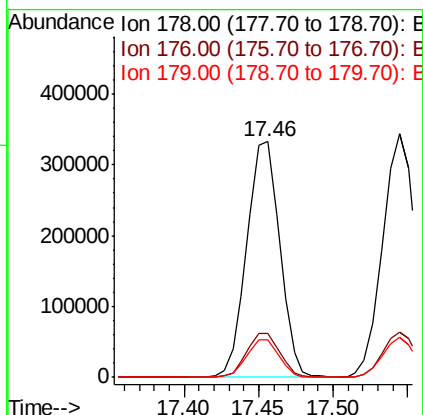
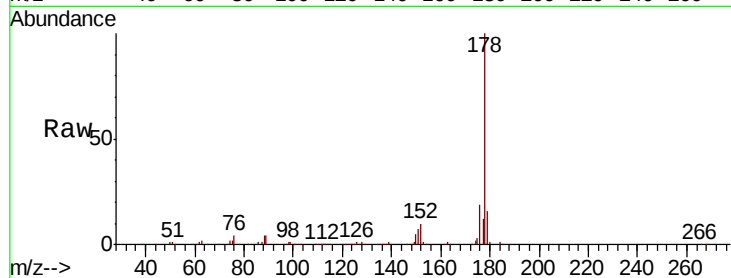




#71
Phenanthrene
Concen: 36.474 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

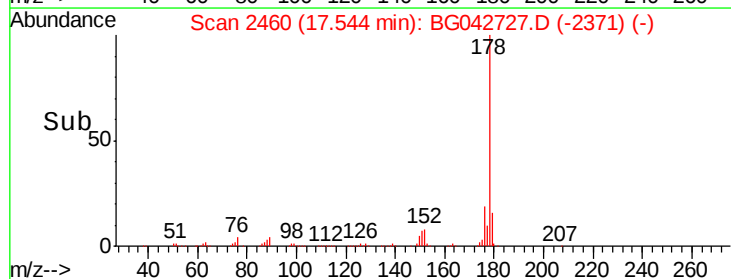
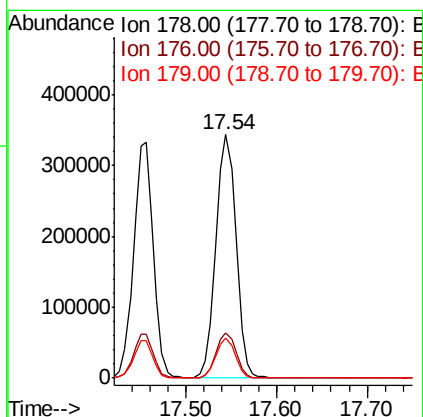
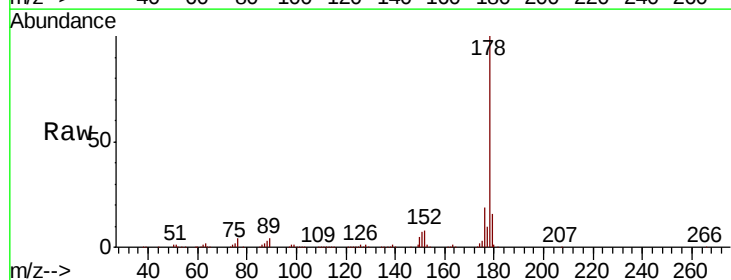
Instrument :
BNA_G
ClientSampleId :

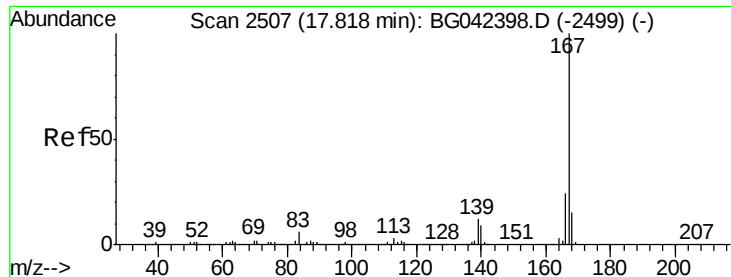
Tot Ion:178 Resp: 510566
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.7 12.7 19.1



#72
Anthracene
Concen: 37.759 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion:178 Resp: 527654
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 16.3 12.9 19.3

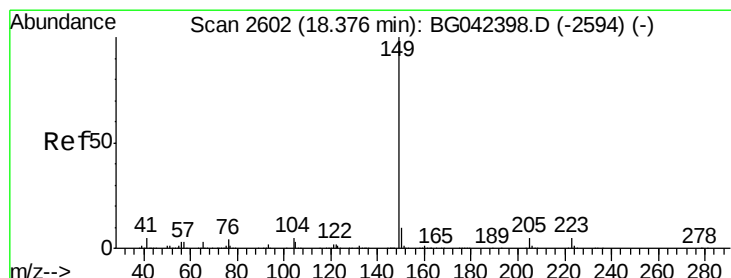
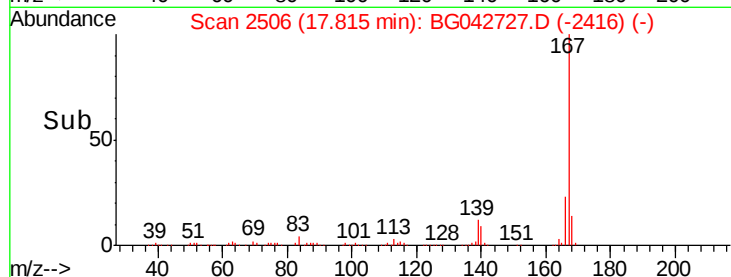
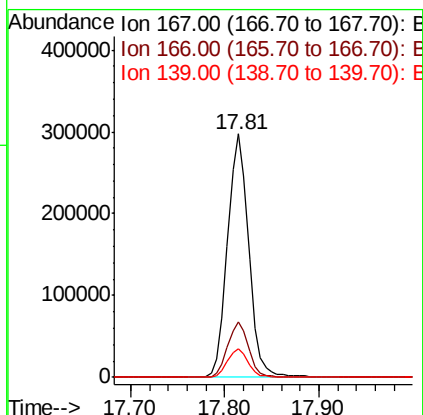
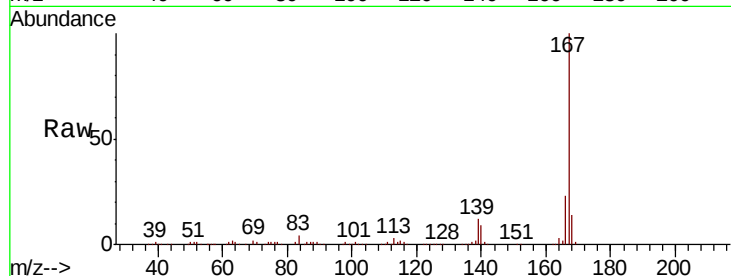




#73
 Carbazole
 Concen: 37.510 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

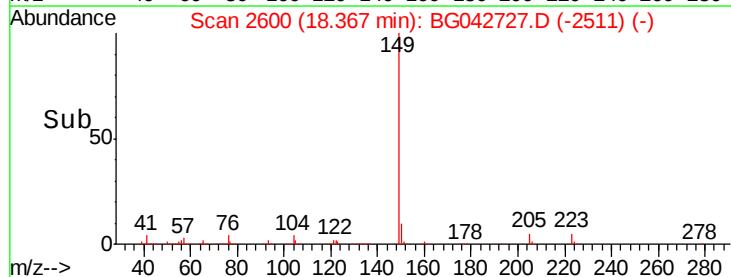
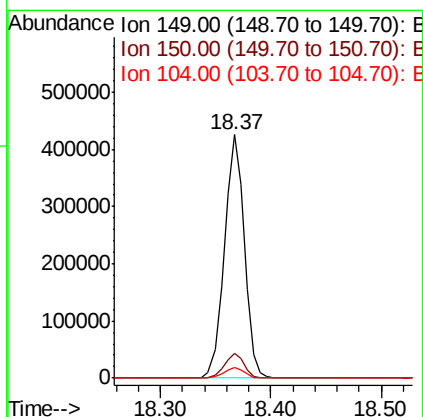
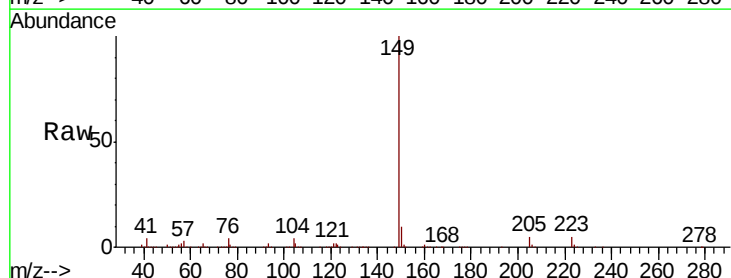
Instrument :
 BNA_G
 ClientSampleId :

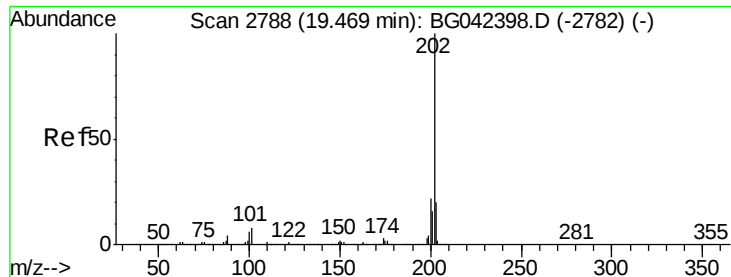
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.9	28.3
139	11.7	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 36.519 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 41.121 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

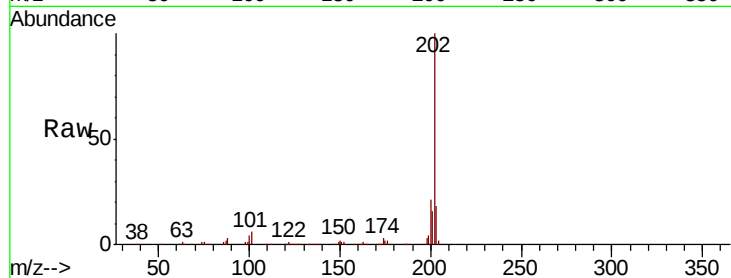
Tot Ion:202 Resp: 702496

Ion Ratio Lower Upper

202 100

101 5.8 0.0 28.3

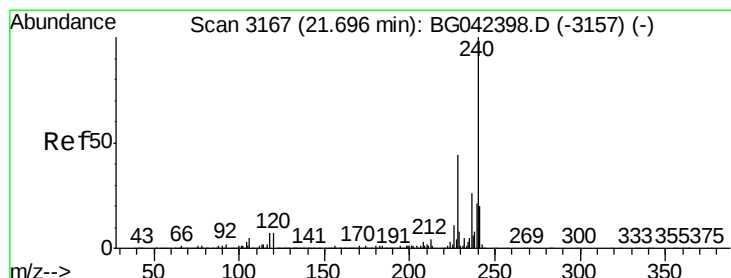
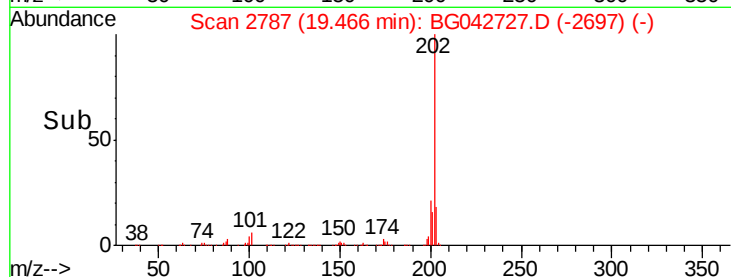
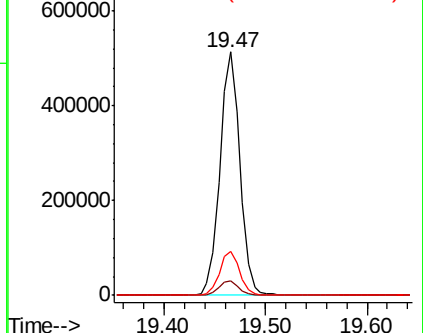
203 18.1 0.0 39.6



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: BG042727.D

Acq: 5 Sep 2019 19:24

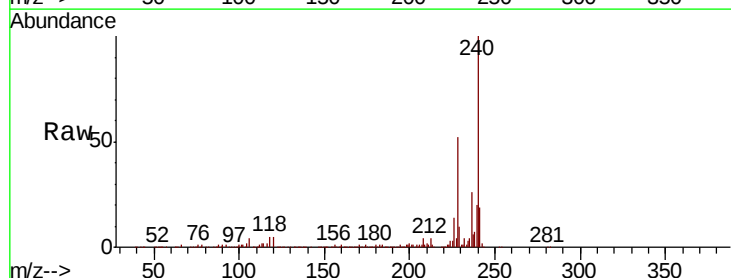
Tgt Ion:240 Resp: 319763

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

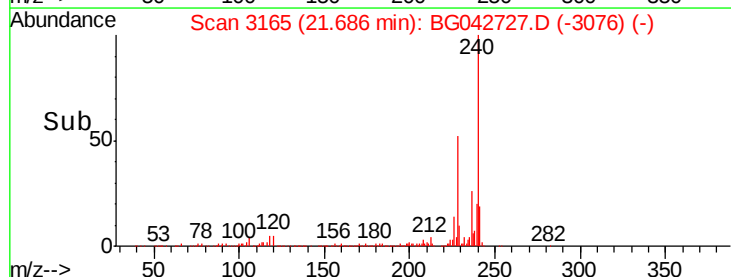
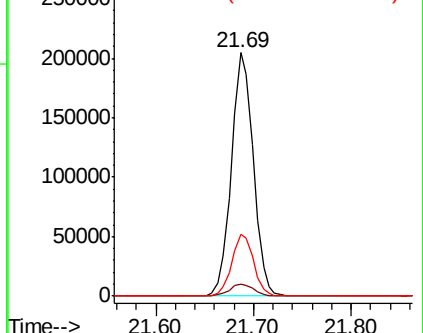
236 25.6 21.0 31.4



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: 5.408 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

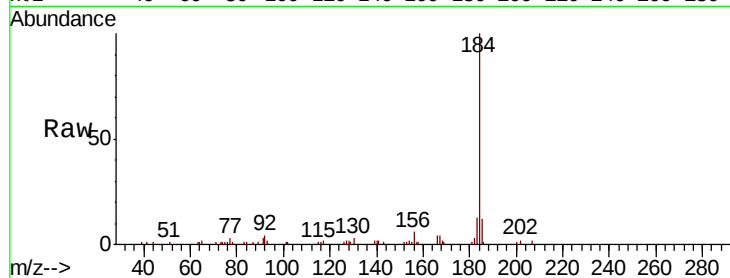
Tot Ion:184 Resp: 49575

Ion Ratio Lower Upper

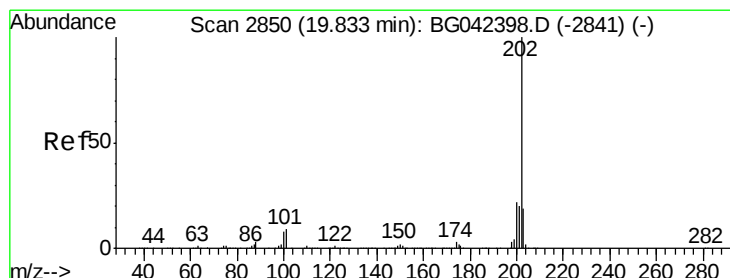
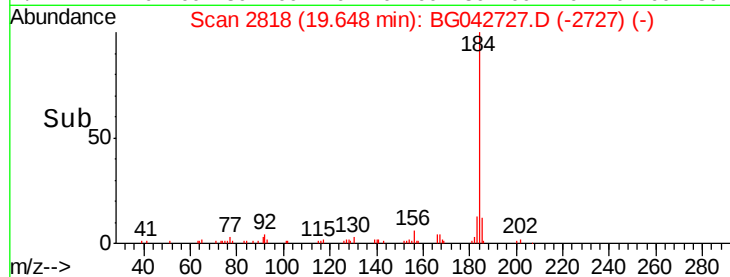
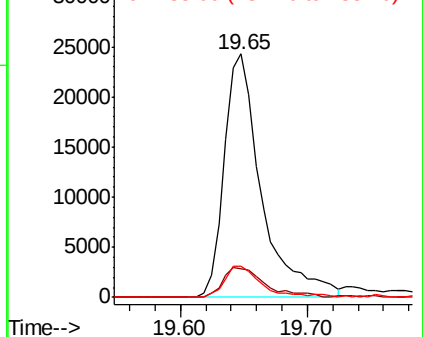
184 100

185 11.9 12.2 18.4#

183 12.6 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: 35.918 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

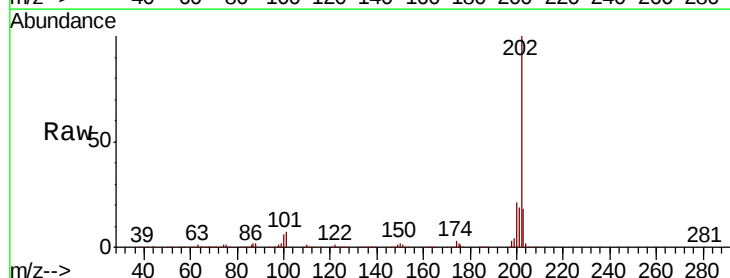
Tgt Ion:202 Resp: 704148

Ion Ratio Lower Upper

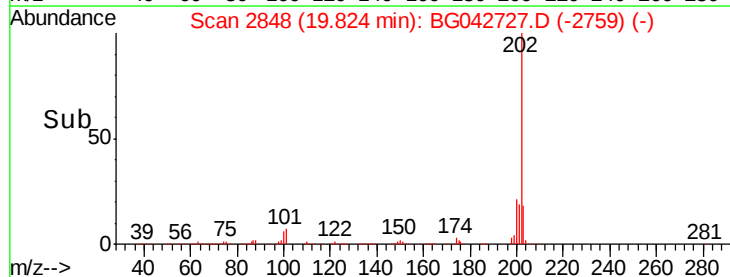
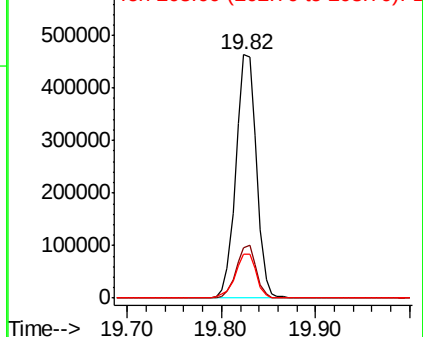
202 100

200 20.7 17.8 26.6

203 18.2 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: 75.908 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampled :

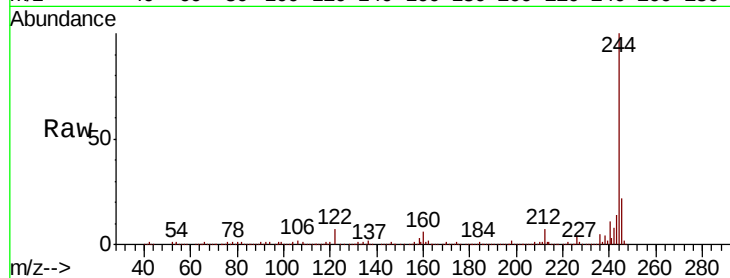
Tot Ion:244 Resp: 1122730

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

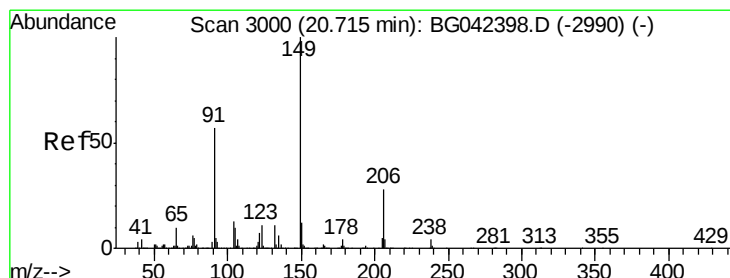
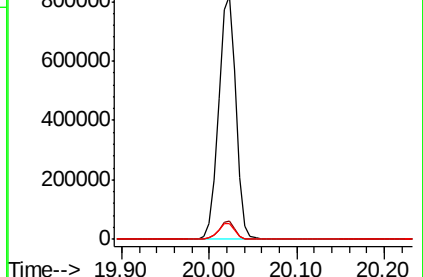
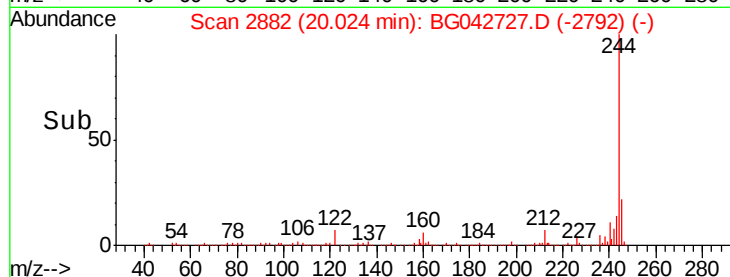
122 6.5 6.7 10.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.517 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

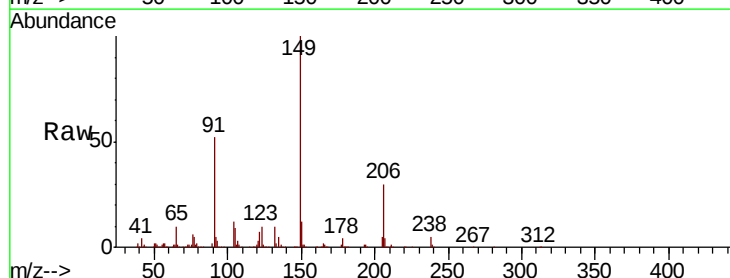
Tgt Ion:149 Resp: 250736

Ion Ratio Lower Upper

149 100

91 52.4 45.9 68.9

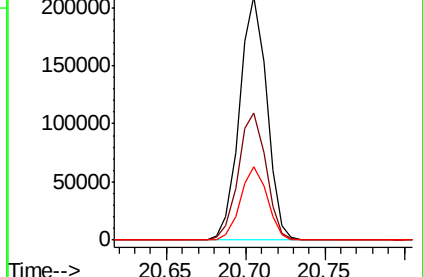
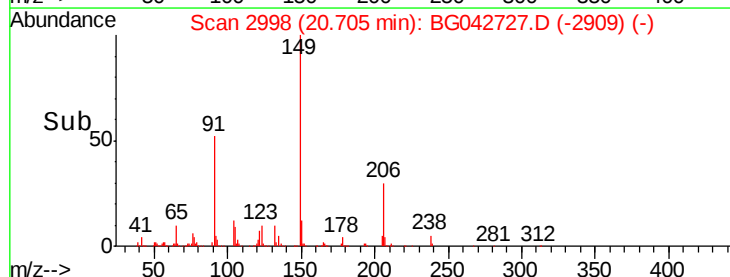
206 29.9 22.5 33.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

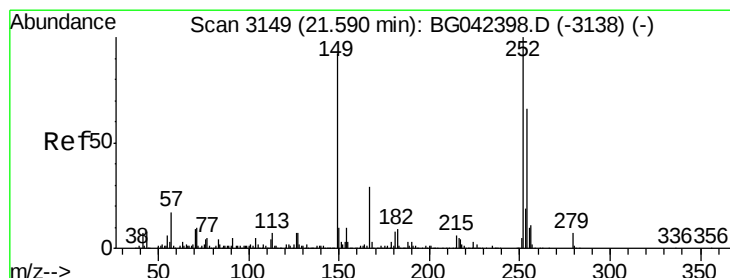
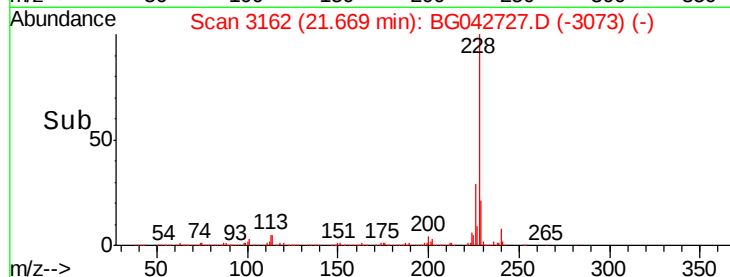
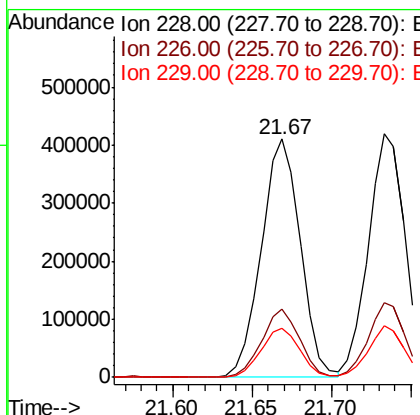
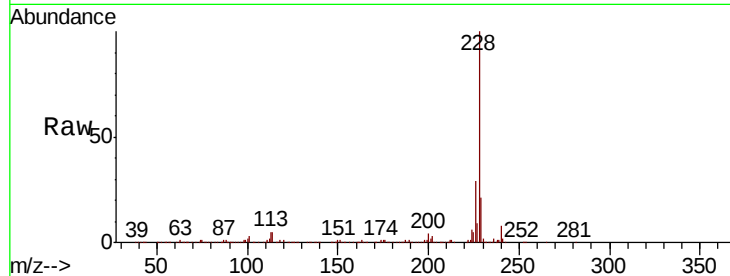




#81
Benzo(a)anthracene
Concen: 36.065 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

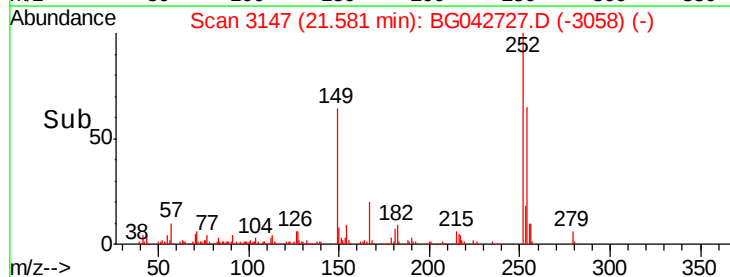
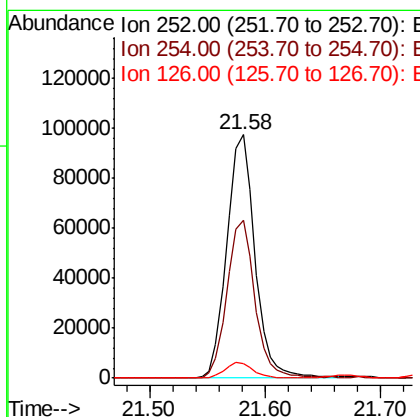
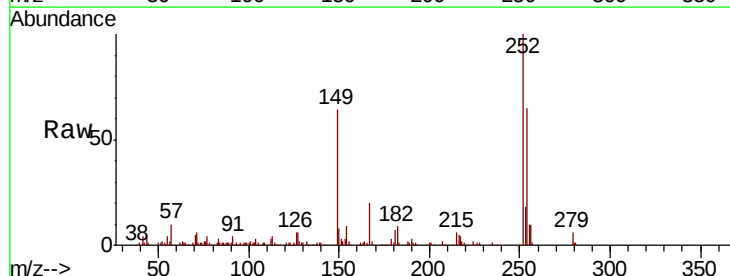
Instrument :
BNA_G
ClientSampled :

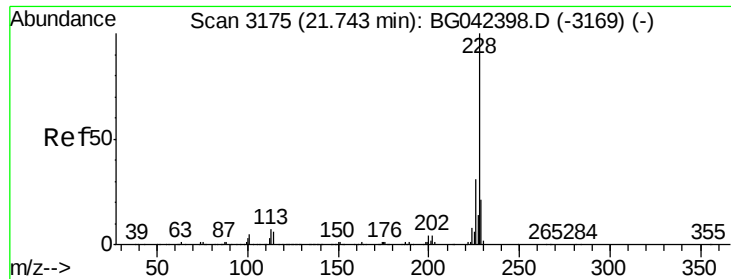
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.7	17.4	26.2



#82
3,3'-Dichlorobenzidine
Concen: 21.181 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.0	79.4
126	5.7	5.7	8.5

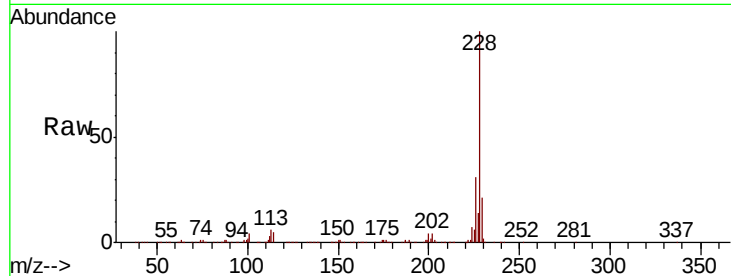




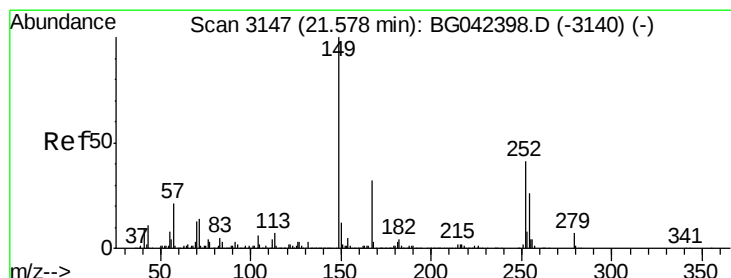
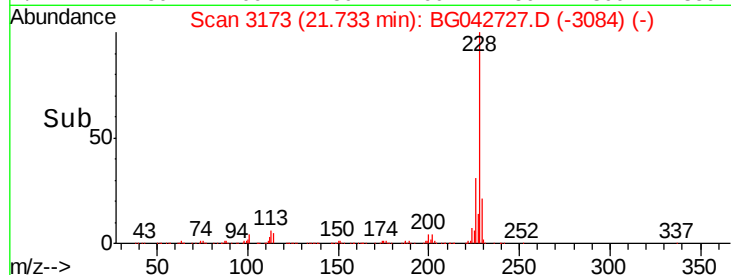
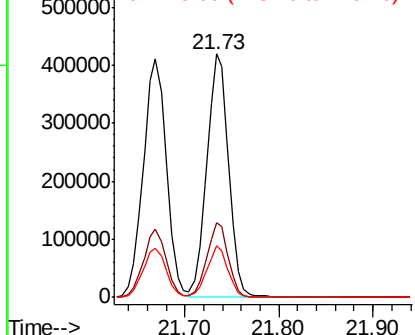
#83
 Chrvsene
 Concen: 36.205 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 679184
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 21.2 16.9 25.3

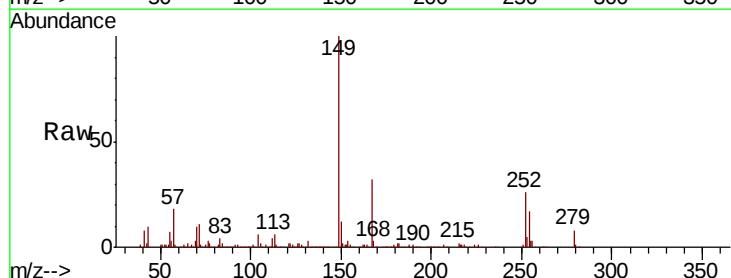


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

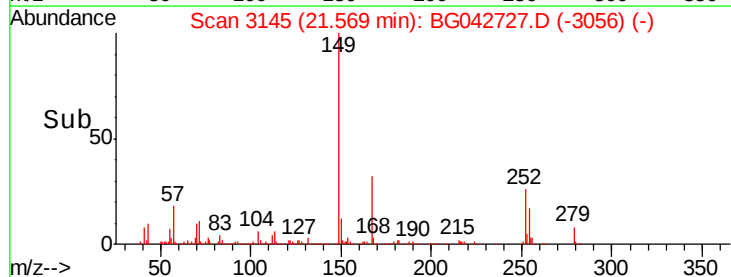
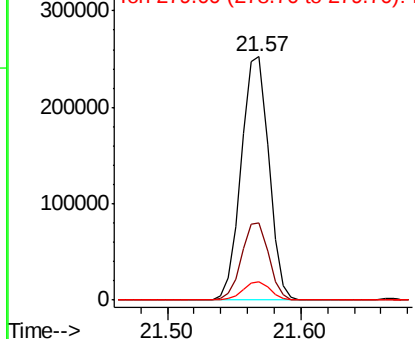


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.700 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion:149 Resp: 360796
 Ion Ratio Lower Upper
 149 100
 167 31.8 26.0 39.0
 279 7.7 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: 33.928 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

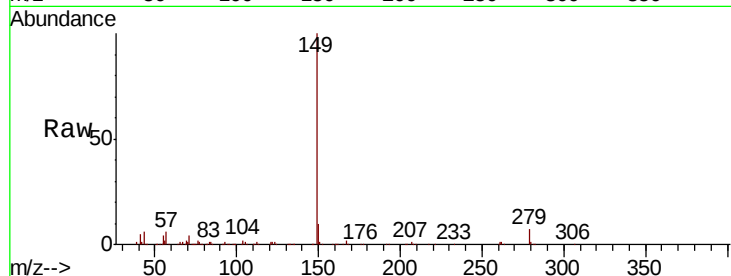
Tot Ion:149 Resp: 624733

Ion Ratio Lower Upper

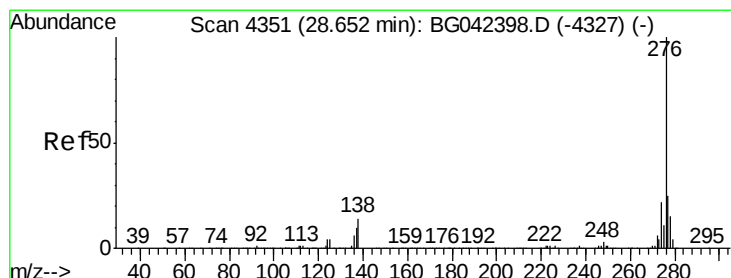
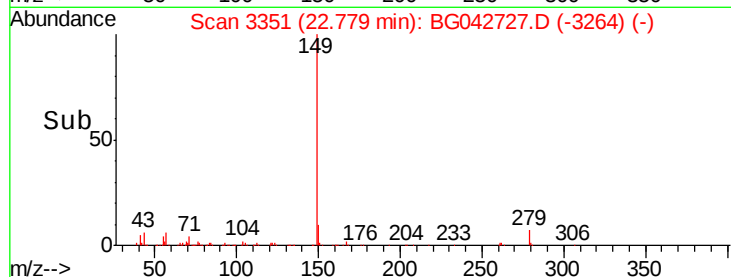
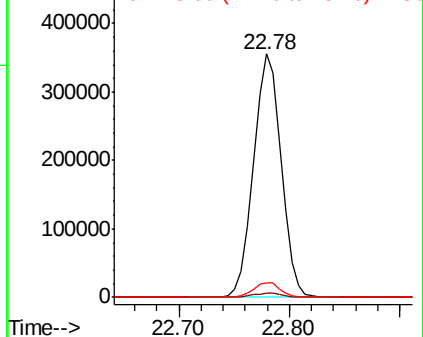
149 100

167 1.8 1.6 2.4

43 6.1 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.493 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

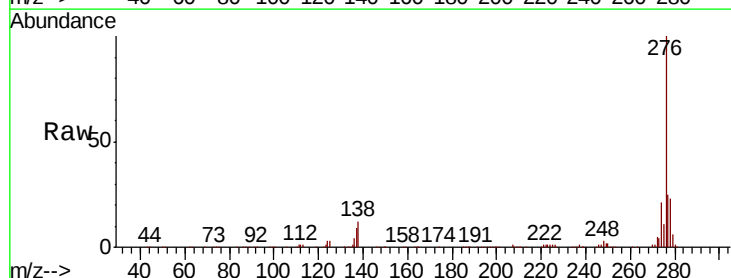
Tgt Ion:276 Resp: 904853

Ion Ratio Lower Upper

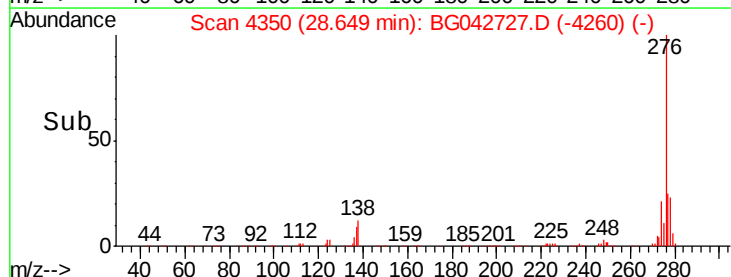
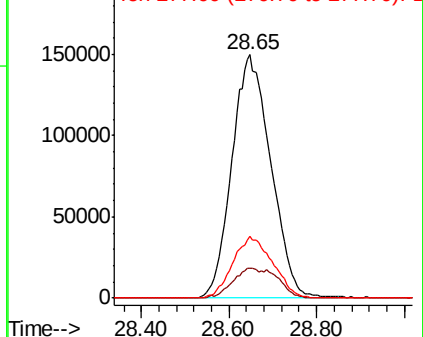
276 100

138 14.2 9.2 13.8#

277 26.0 21.0 31.6



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

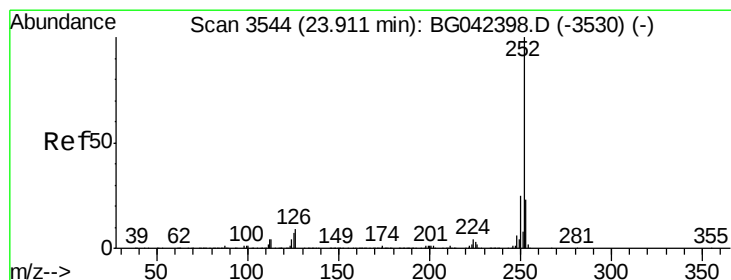
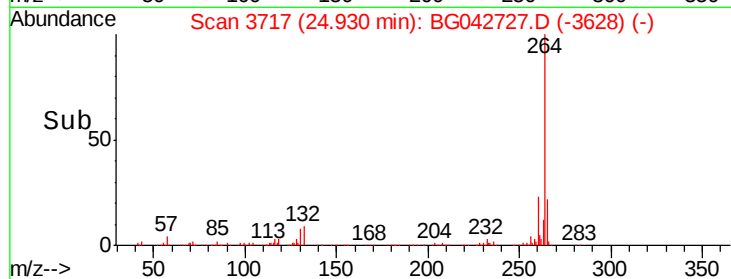
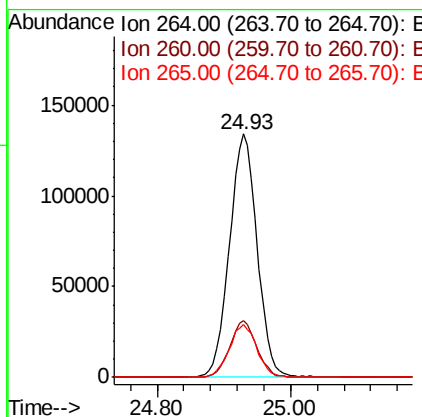
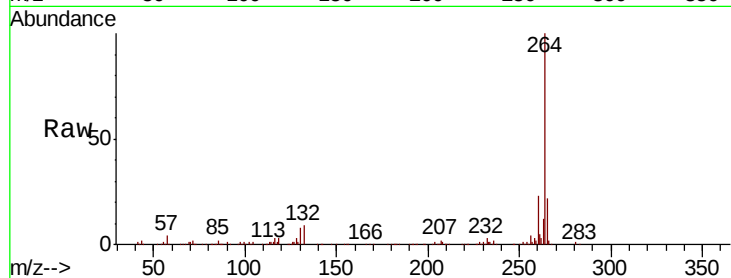




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

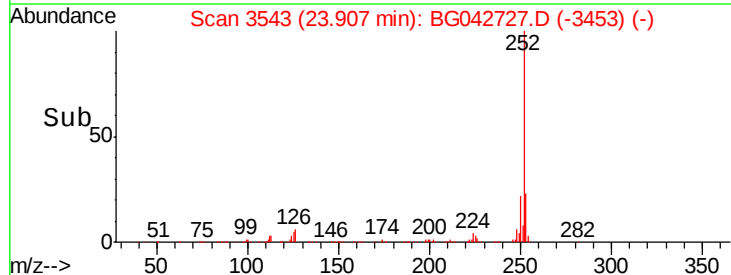
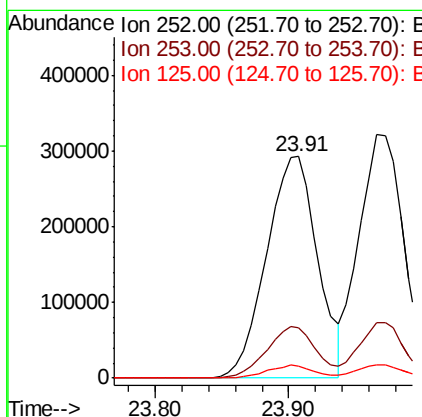
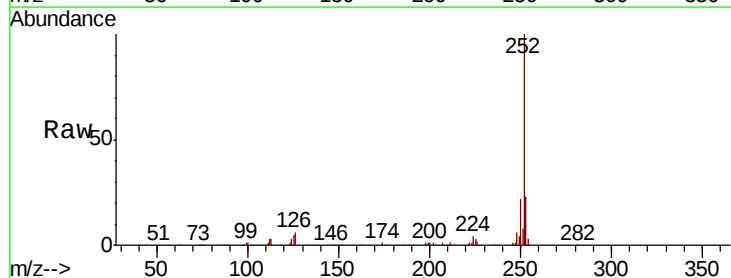
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 36.538 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	5.3	5.6	8.4#





#89

Benzo(k)fluoranthene

Concen: 36.407 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042727.D

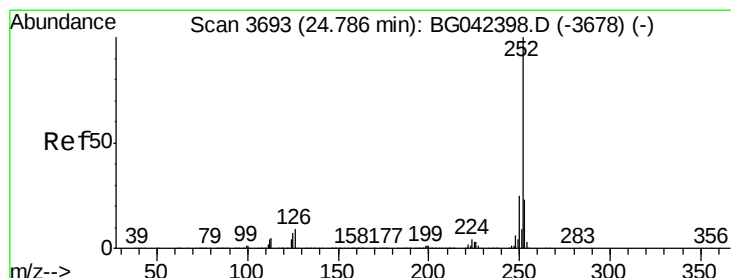
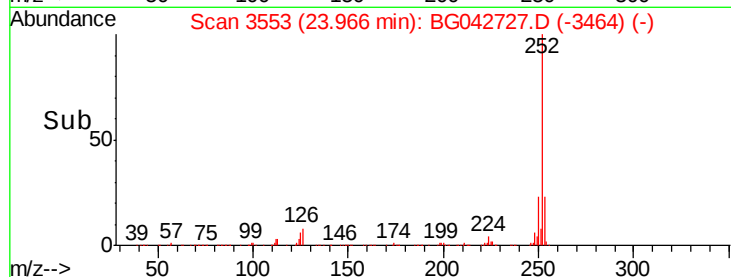
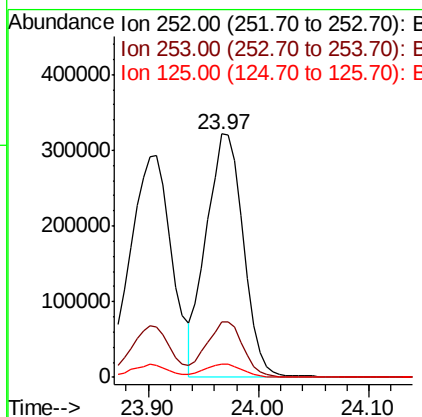
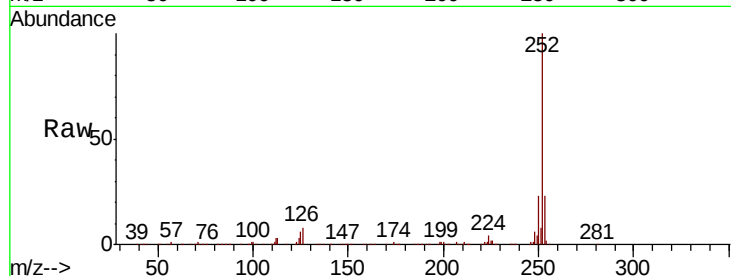
Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	747109
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	5.5	5.8	8.6#



#90

Benzo(a)pyrene

Concen: 37.710 ng

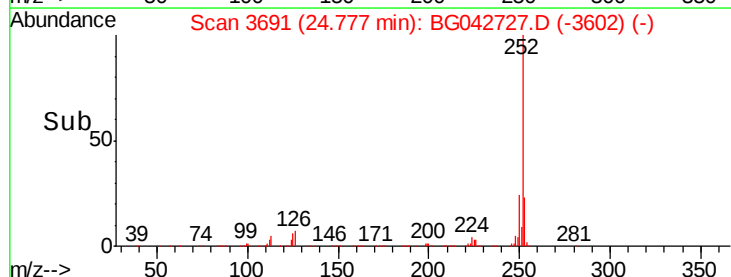
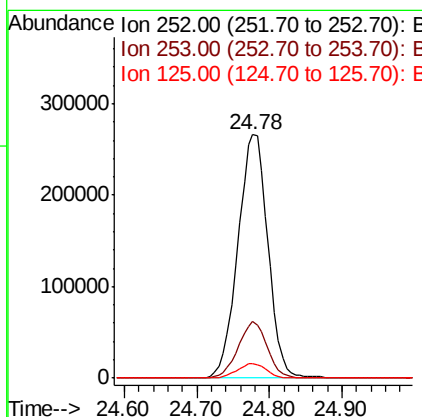
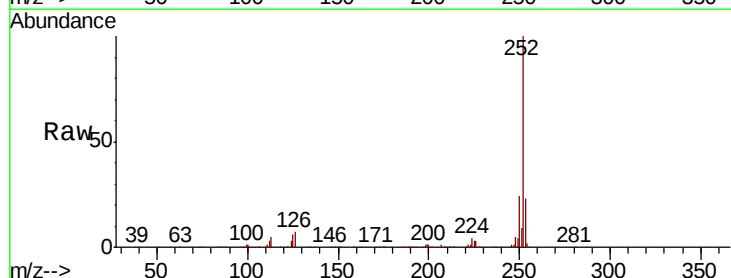
RT: 24.78 min Scan# 3691

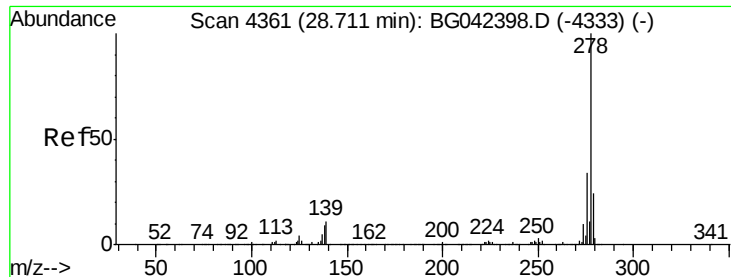
Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:	252	Resp:	763947
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	5.9	6.0	9.0#

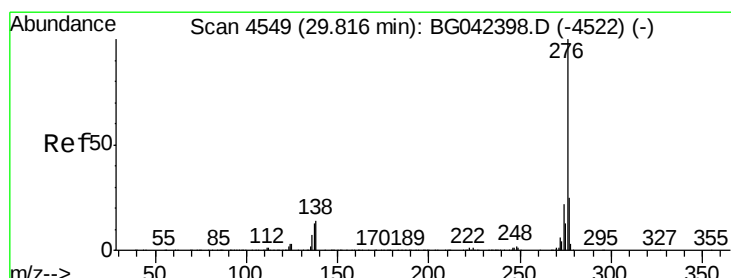
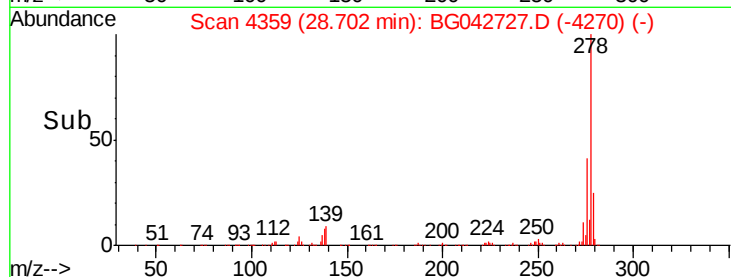
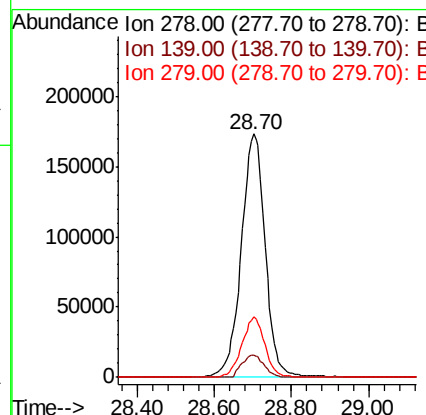
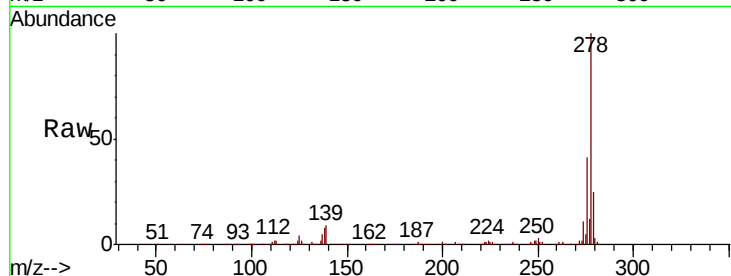




#91
Dibenzo(a,h)anthracene
Concen: 36.613 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	8.8	13.2
279	24.6	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 36.988 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.02 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	11.8	11.4	17.0

