

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG041000.D
 Acq On : 1 Jun 2019 6:39
 Operator : HP/JU
 Sample : K3037-07MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 01:27:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56938	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	232282	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	167954	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	419173	20.00	ng	0.00
76) Chrysene-d12	21.78	240	414702	20.00	ng	0.00
87) Perylene-d12	25.11	264	449596	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	181117	57.36	ng	0.00
7) Phenol-d6	7.26	99	165054	33.85	ng	0.00
23) Nitrobenzene-d5	9.30	82	403371	77.09	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	295056	118.34	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	888081	76.15	ng	0.00
79) Terphenyl-d14	20.09	244	1465461	75.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	22069	15.402	ng	# 81
3) Pyridine	3.93	79	63479	14.972	ng	96
4) n-Nitrosodimethylamine	3.85	42	36171	18.382	ng	# 91
6) Aniline	7.44	93	80057	12.299	ng	96
8) 2-Chlorophenol	7.68	128	118319	31.431	ng	94
9) Benzaldehyde	7.26	77	73000	25.094	ng	88
10) Phenol	7.29	94	62961	12.042	ng	91
11) bis(2-Chloroethyl)ether	7.53	93	138018	36.386	ng	98
12) 1,3-Dichlorobenzene	8.00	146	137537	30.590	ng	97
13) 1,4-Dichlorobenzene	8.16	146	140483	30.868	ng	96
14) 1,2-Dichlorobenzene	8.47	146	138042	31.239	ng	97
15) Benzyl Alcohol	8.36	79	116476	25.820	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	222485	35.895	ng	97
17) 2-Methylphenol	8.55	107	96449	25.477	ng	96
18) Hexachloroethane	9.21	117	51678	29.462	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	136180	36.288	ng	98
20) 3+4-Methylphenols	8.88	107	112919	21.533	ng	99
22) Acetophenone	8.95	105	252256	38.714	ng	# 97
24) Nitrobenzene	9.34	77	224516	42.106	ng	99
25) Isophorone	9.86	82	391344	39.301	ng	99
26) 2-Nitrophenol	10.05	139	88172	40.111	ng	97
27) 2,4-Dimethylphenol	10.09	122	133196	36.688	ng	94
28) bis(2-Chloroethoxy)methane	10.34	93	198216	36.882	ng	99
29) 2,4-Dichlorophenol	10.58	162	161306	34.989	ng	94
30) 1,2,4-Trichlorobenzene	10.80	180	171813	32.760	ng	98
31) Naphthalene	11.00	128	439890	35.272	ng	98
32) Benzoic acid	10.17	122	31301	17.340	ng	97
33) 4-Chloroaniline	11.10	127	66154	11.432	ng	94
34) Hexachlorobutadiene	11.25	225	123478	30.770	ng	96
35) Caprolactam	11.89	113	10547	6.928	ng	# 91
36) 4-Chloro-3-methylphenol	12.20	107	169300	32.155	ng	95
37) 2-Methylnaphthalene	12.59	142	341690	35.573	ng	99
38) 1-Methylnaphthalene	12.80	142	330656	36.531	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	250761	37.043	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	295843	81.166	nq	99
43) 2,4,6-Trichlorophenol	13.19	196	162523	37.112	nq	98
44) 2,4,5-Trichlorophenol	13.26	196	171506	37.134	nq	97
46) 1,1'-Biphenyl	13.59	154	482070	38.776	nq	98
47) 2-Chloronaphthalene	13.64	162	391775	36.707	nq	98
48) 2-Nitroaniline	13.84	65	128262	33.498	nq	94
49) Acenaphthylene	14.48	152	608573	37.886	nq	99
50) Dimethylphthalate	14.20	163	625998	44.031	nq	98
51) 2,6-Dinitrotoluene	14.33	165	118686	38.718	nq	99
52) Acenaphthene	14.81	154	361912	37.191	nq	99
53) 3-Nitroaniline	14.66	138	43430	14.168	nq	95
54) 2,4-Dinitrophenol	14.87	184	154483	91.190	nq	97
55) Dibenzofuran	15.15	168	634798	38.769	nq	100
56) 4-Nitrophenol	14.96	139	65187	31.004	nq	95
57) 2,4-Dinitrotoluene	15.11	165	171018	39.495	nq	99
58) Fluorene	15.80	166	495589	38.005	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	182733	40.260	nq	99
60) Diethylphthalate	15.55	149	553308	38.135	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	311188	36.715	nq	97
62) 4-Nitroaniline	15.82	138	79665	24.549	nq	94
63) Azobenzene	16.08	77	503964	38.216	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	99547	44.977	nq	97
66) n-Nitrosodiphenylamine	16.00	169	461493	39.165	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	204962	36.232	nq	93
68) Hexachlorobenzene	16.79	284	214789	35.657	nq	98
69) Atrazine	16.94	200	189841	41.754	nq	95
70) Pentachlorophenol	17.14	266	266385	82.416	nq	97
71) Phenanthrene	17.54	178	834860	38.237	nq	98
72) Anthracene	17.63	178	853592	39.639	nq	100
73) Carbazole	17.90	167	752696	40.736	nq	99
74) Di-n-butylphthalate	18.43	149	879834	38.312	nq	97
75) Fluoranthene	19.54	202	1070059	39.678	nq	98
77) Benzidine	20.09	184	25234	2.551	nq	# 91
78) Pyrene	19.90	202	1072456	39.782	nq	100
80) Butylbenzylphthalate	20.77	149	401077	38.230	nq	97
81) Benzo(a)anthracene	21.75	228	1031011	37.349	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	56135	5.782	nq	94
83) Chrysene	21.82	228	1018903	38.570	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	568393	38.487	nq	99
85) Di-n-octyl phthalate	22.87	149	947591	38.526	nq	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1236265	38.203	nq	# 98
88) Benzo(b)fluoranthene	24.04	252	1063402	38.996	nq	100
89) Benzo(k)fluoranthene	24.12	252	1020016	37.799	nq	98
90) Benzo(a)pyrene	24.96	252	1027474	39.492	nq	96
91) Dibenzo(a,h)anthracene	29.02	278	1026403	39.482	nq	98
92) Benzo(g,h,i)perylene	30.17	276	1030434	40.799	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

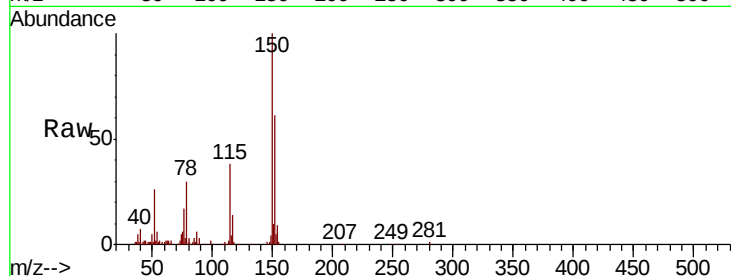
Tot Ion:152 Resp: 56938

Ion Ratio Lower Upper

152 100

150 164.7 120.6 180.8

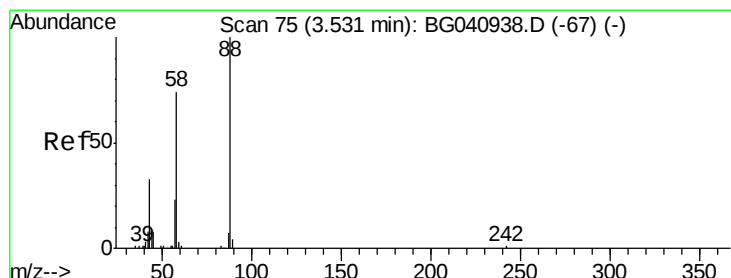
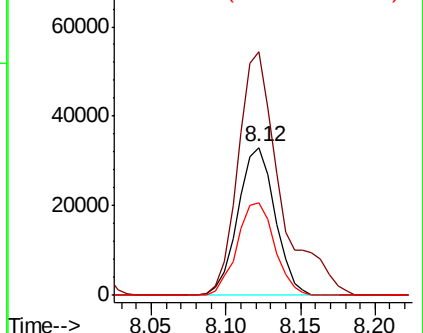
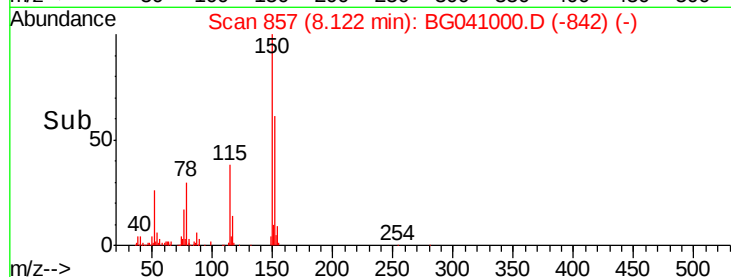
115 62.7 45.1 67.7



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: 15.402 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

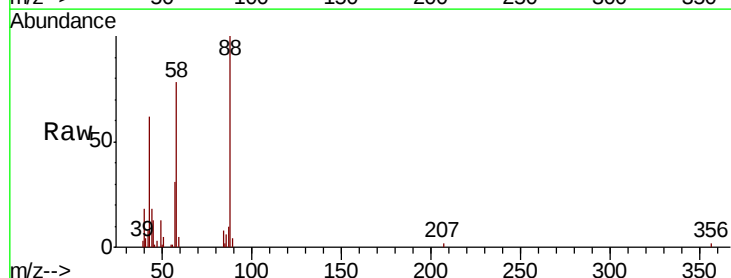
Tgt Ion: 88 Resp: 22069

Ion Ratio Lower Upper

88 100

58 88.0 59.0 88.6

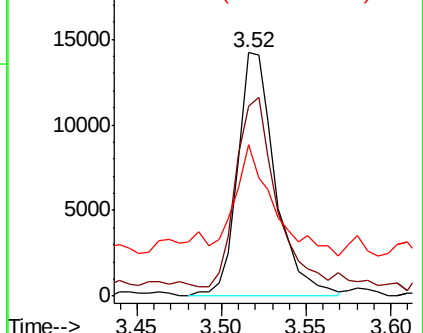
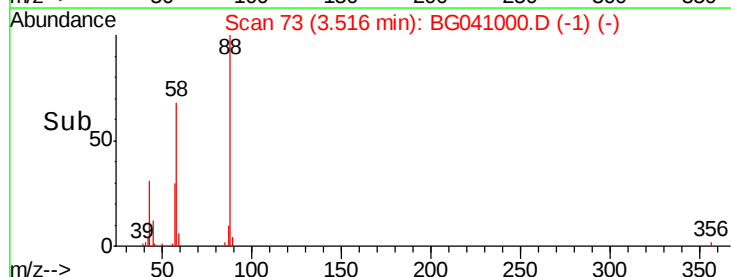
43 47.0 27.2 40.8#



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: 14.972 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

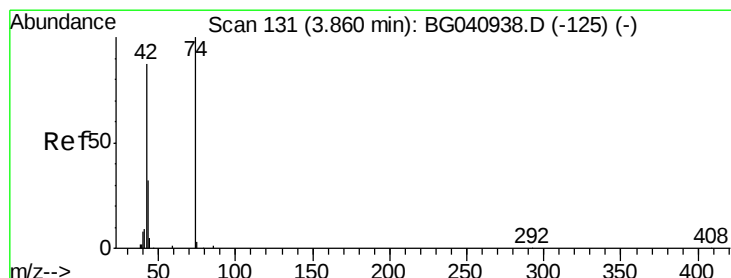
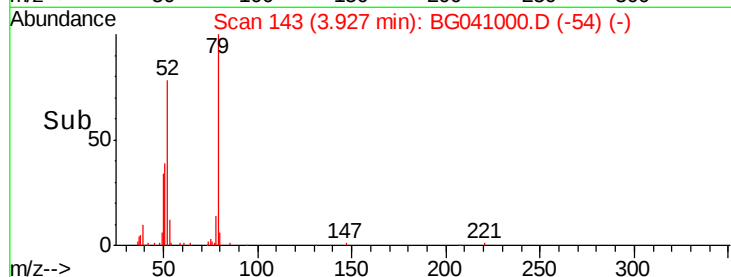
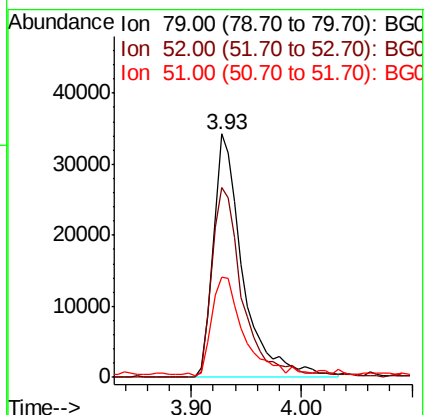
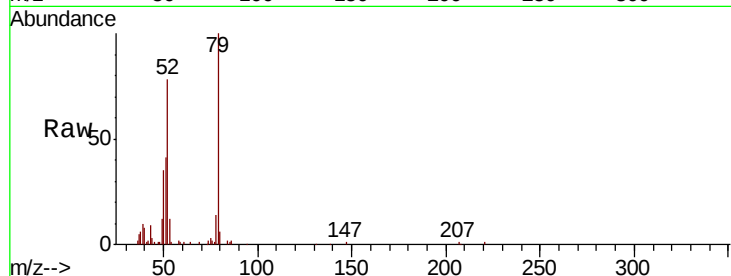
Tot Ion: 79 Resp: 63479

Ion Ratio Lower Upper

79 100

52 78.2 64.8 97.2

51 40.9 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 18.382 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

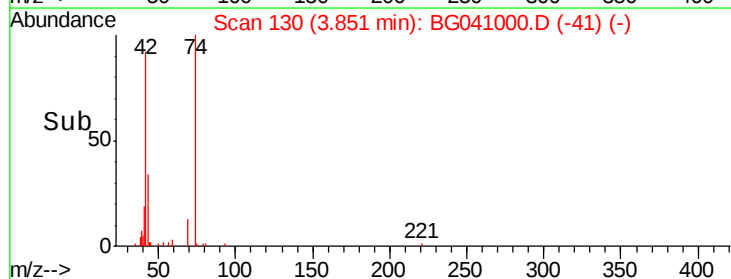
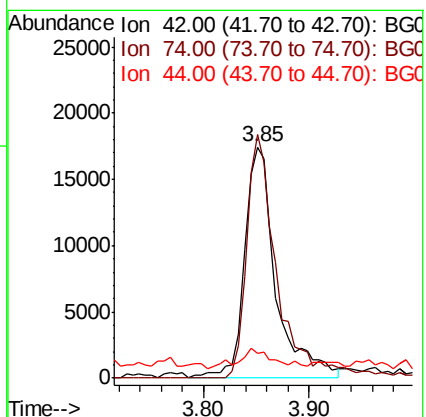
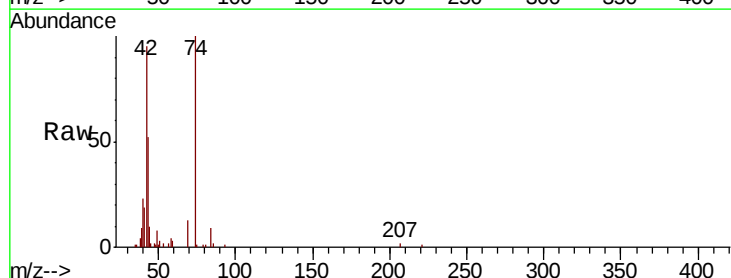
Tgt Ion: 42 Resp: 36171

Ion Ratio Lower Upper

42 100

74 105.5 91.8 137.6

44 10.5 6.0 9.0#





#5

2-Fluorophenol

Concen: 57.359 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041000.D

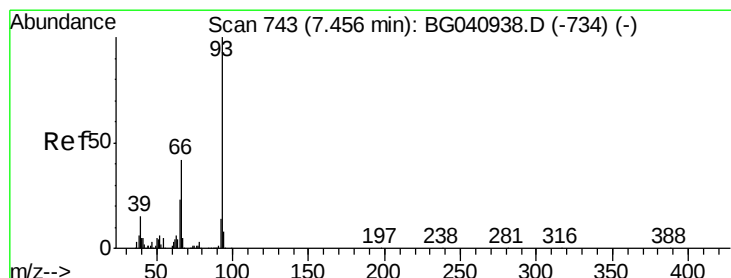
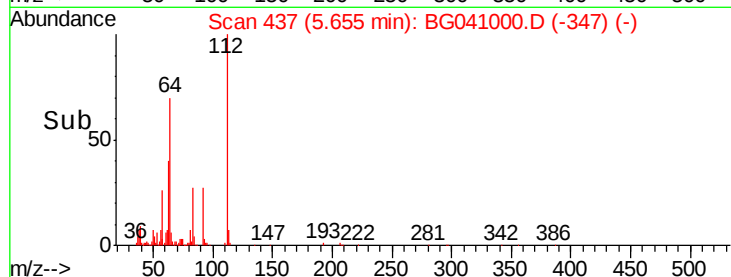
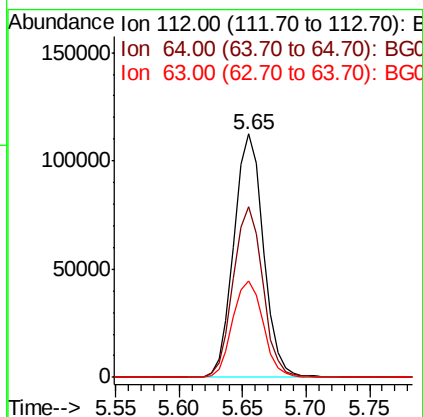
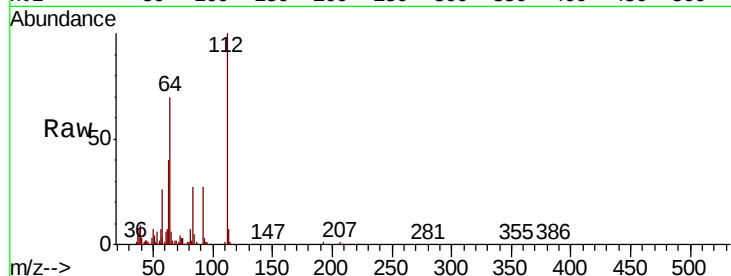
Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	181117
Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.2	84.2
63	39.8	32.8	49.2



#6

Aniline

Concen: 12.299 ng

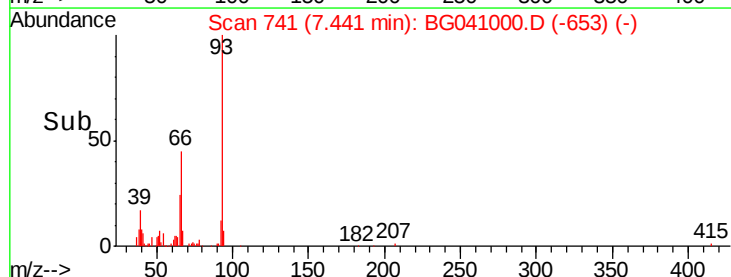
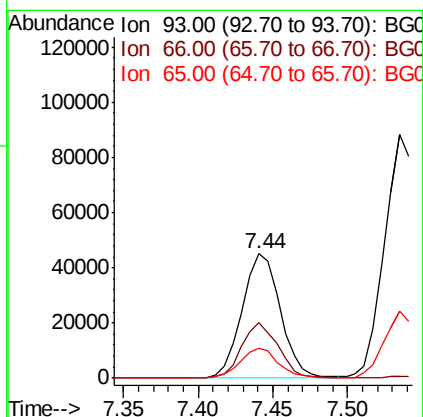
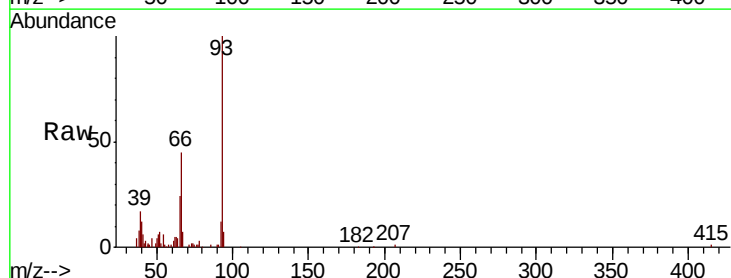
RT: 7.44 min Scan# 741

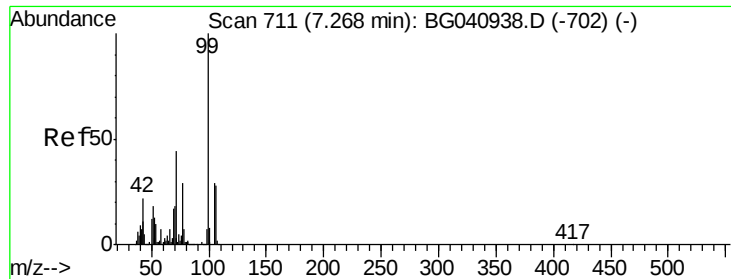
Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Tgt Ion:	93	Resp:	80057
Ion	Ratio	Lower	Upper
93	100		
66	44.9	33.8	50.8
65	24.3	18.3	27.5





#7

Phenol-d6

Concen: 33.846 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

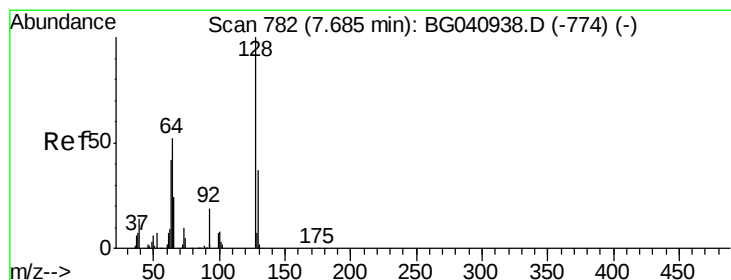
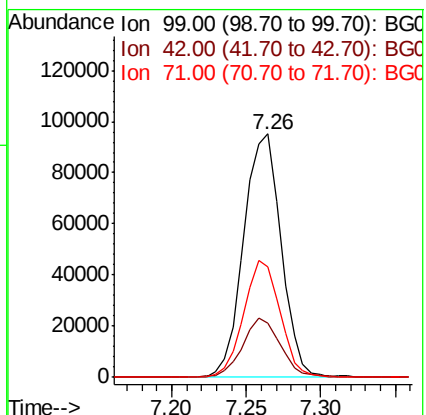
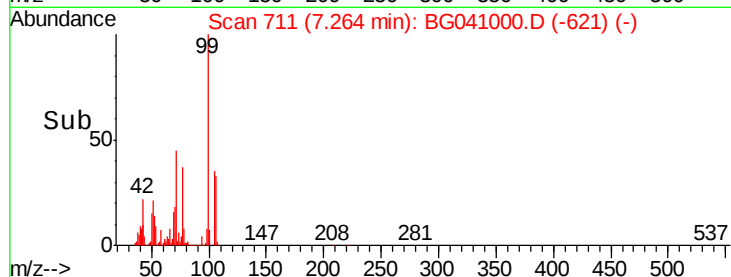
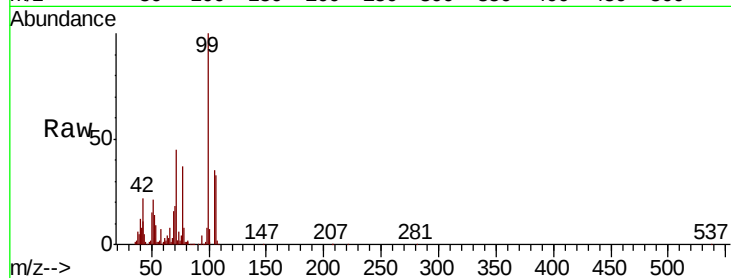
Tot Ion: 99 Resp: 165054

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 45.2 35.4 53.0



#8

2-Chlorophenol

Concen: 31.431 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

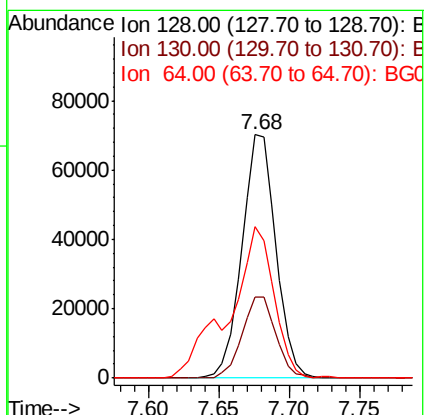
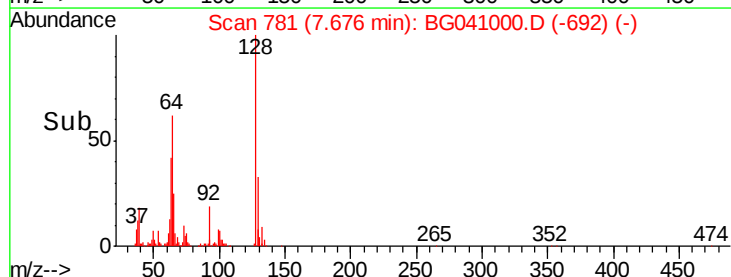
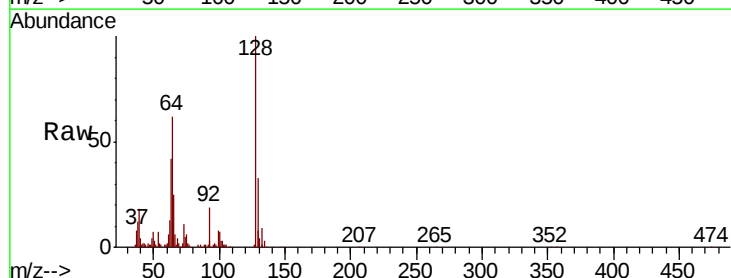
Tgt Ion:128 Resp: 118319

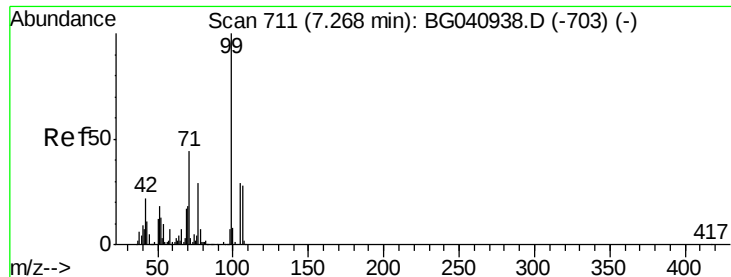
Ion Ratio Lower Upper

128 100

130 33.1 16.6 56.6

64 62.0 37.8 77.8





#9

Benzaldehyde

Concen: 25.094 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampled :

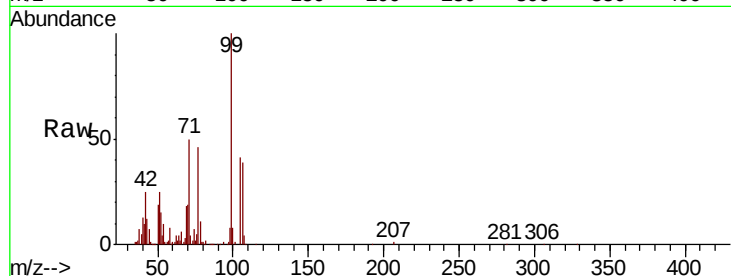
Tot Ion: 77 Resp: 73000

Ion Ratio Lower Upper

77 100

105 87.6 78.9 118.9

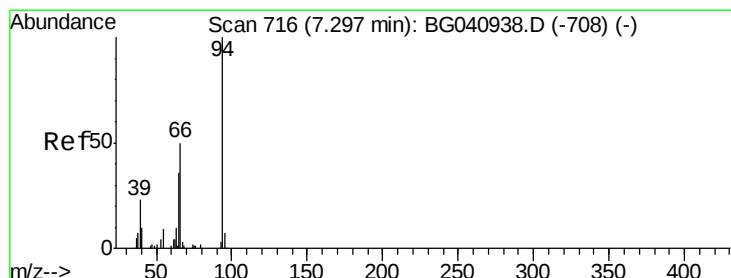
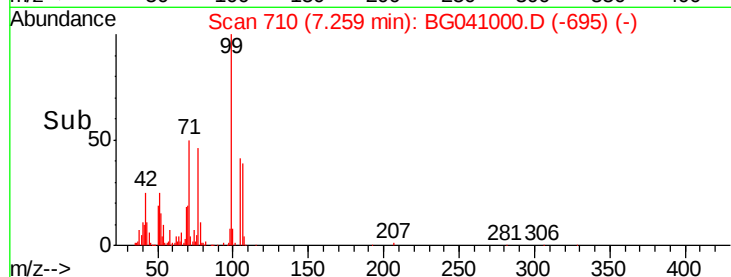
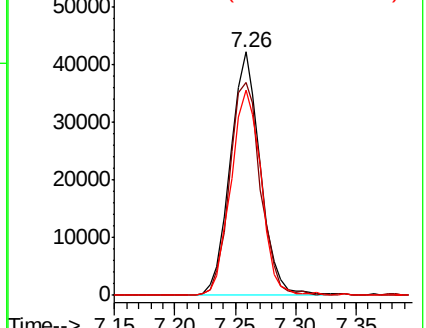
106 84.3 76.7 116.7



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: 12.042 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

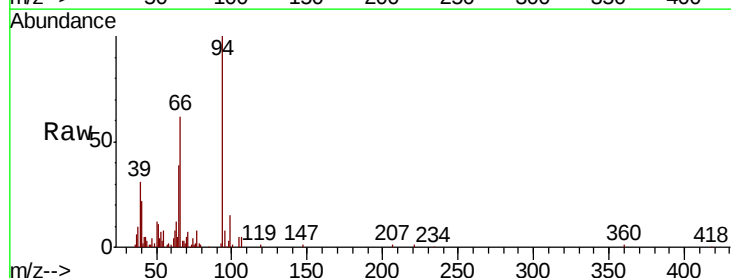
Tgt Ion: 94 Resp: 62961

Ion Ratio Lower Upper

94 100

65 39.1 17.0 57.0

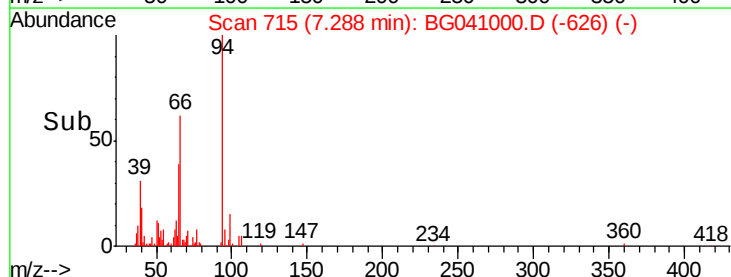
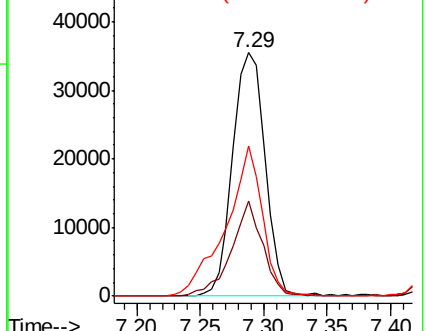
66 61.7 32.4 72.4

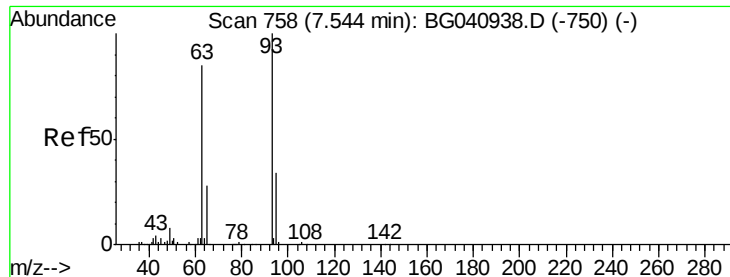


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

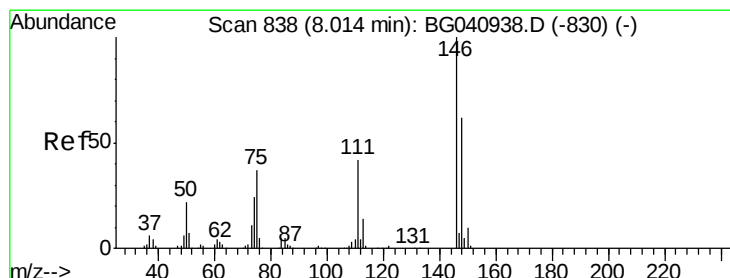
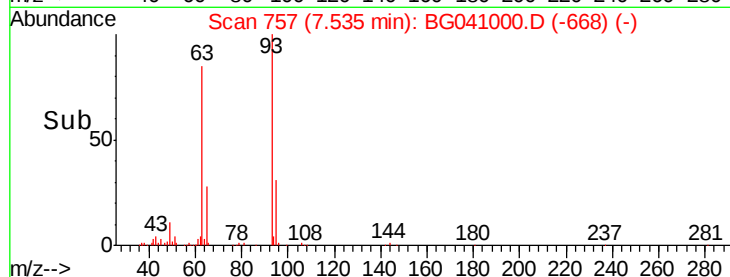
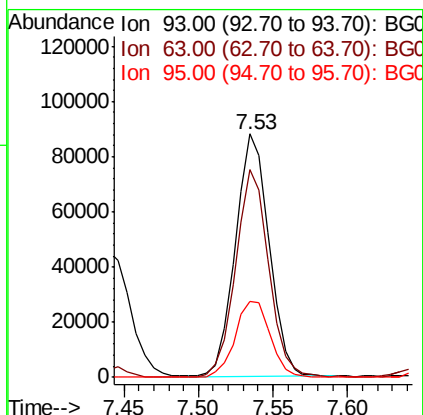
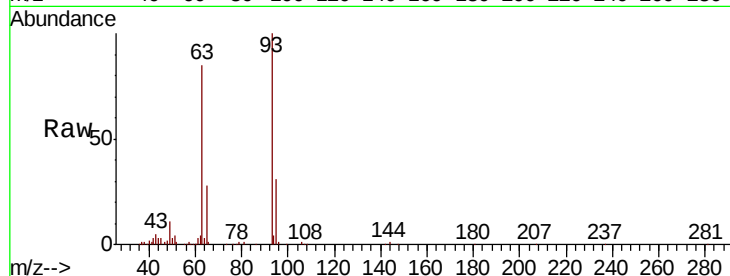




#11
bis(2-Chloroethyl)ether
Concen: 36.386 ng
RT: 7.53 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

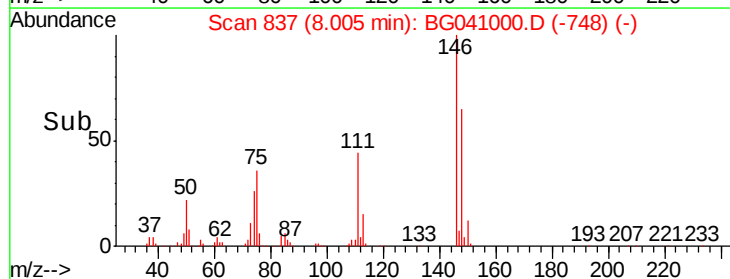
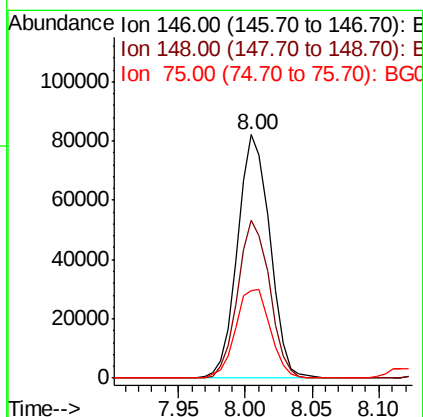
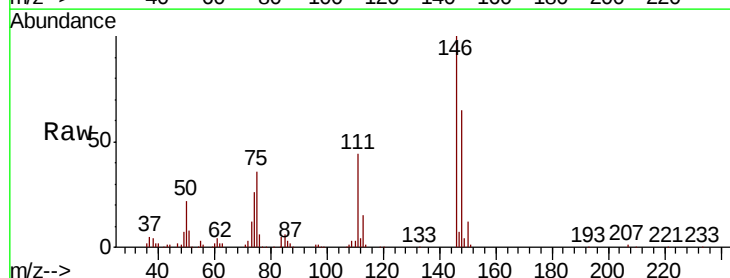
Instrument :
BNA_G
ClientSampleId :

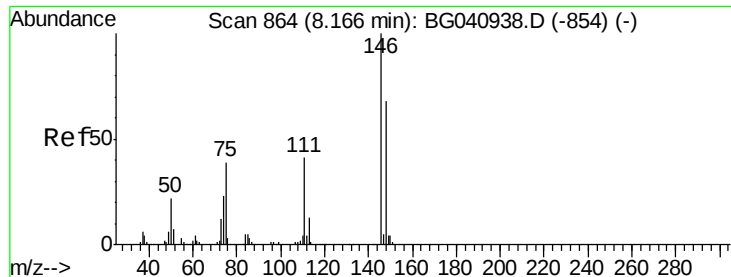
Tot Ion: 93 Resp: 138018
Ion Ratio Lower Upper
93 100
63 85.3 64.5 104.5
95 31.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 30.590 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion: 146 Resp: 137537
Ion Ratio Lower Upper
146 100
148 64.7 49.2 73.8
75 36.1 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 30.868 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

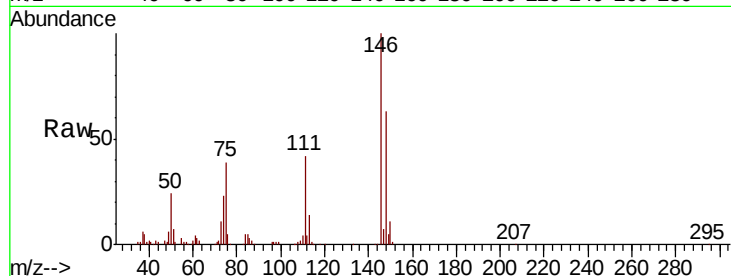
Tot Ion:146 Resp: 140483

Ion Ratio Lower Upper

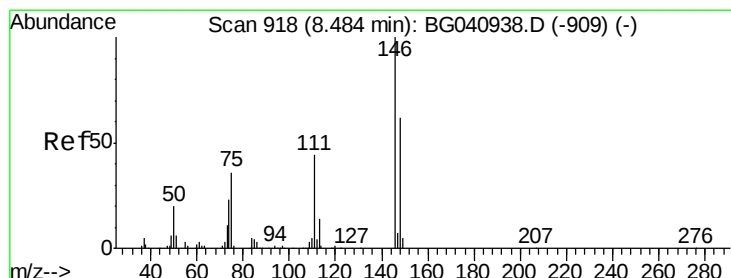
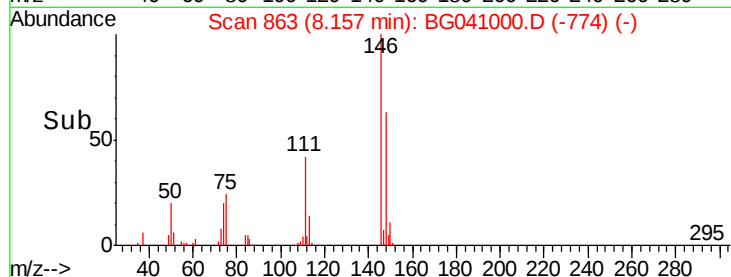
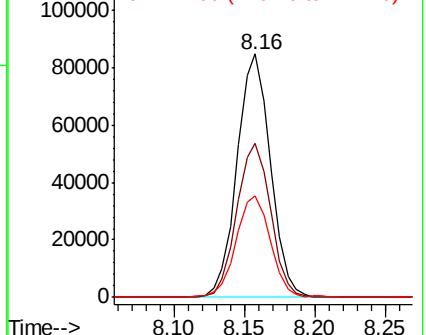
146 100

148 63.4 54.2 81.4

111 41.7 32.9 49.3



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



#14

1,2-Dichlorobenzene

Concen: 31.239 ng

RT: 8.47 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

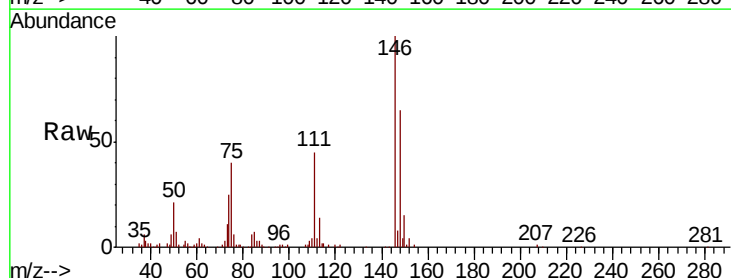
Tgt Ion:146 Resp: 138042

Ion Ratio Lower Upper

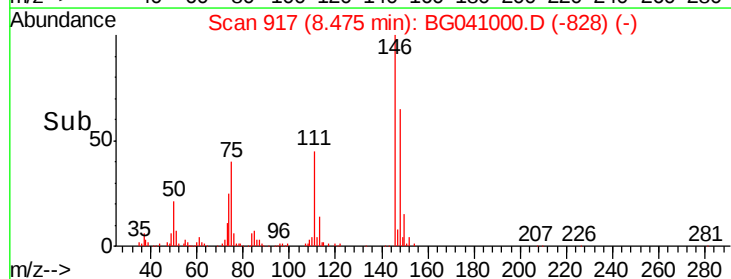
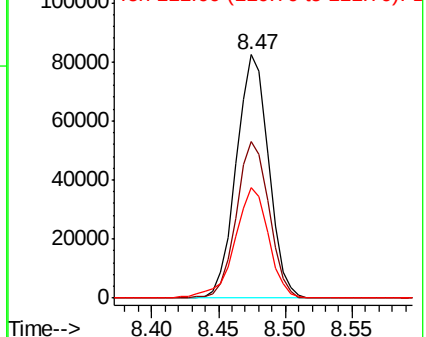
146 100

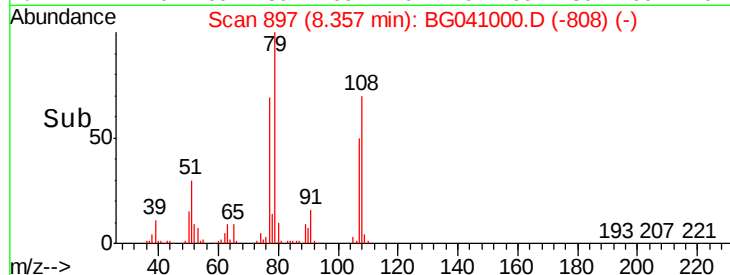
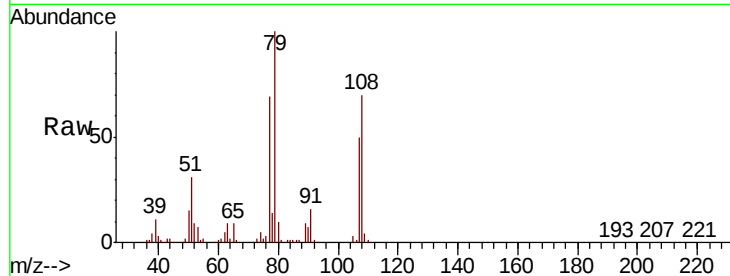
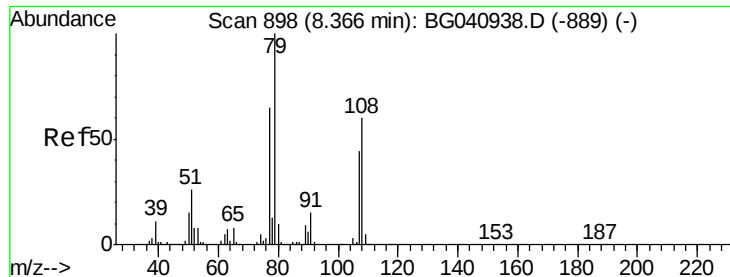
148 64.5 49.8 74.6

111 45.4 35.0 52.4



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

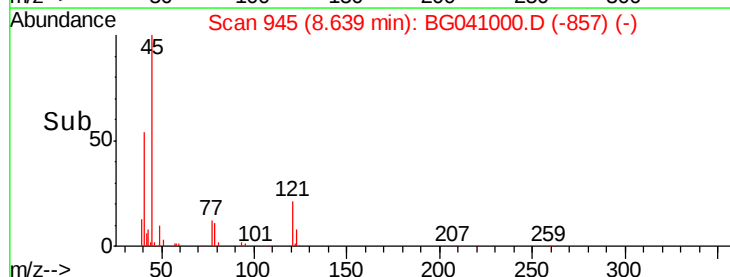
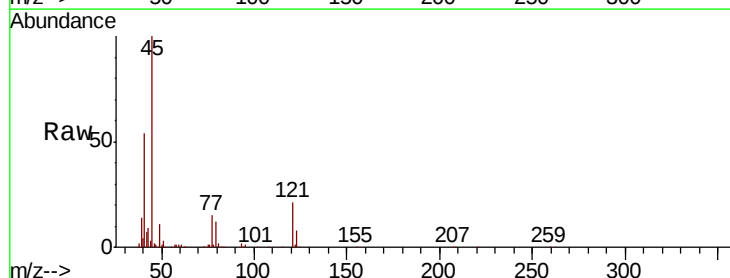
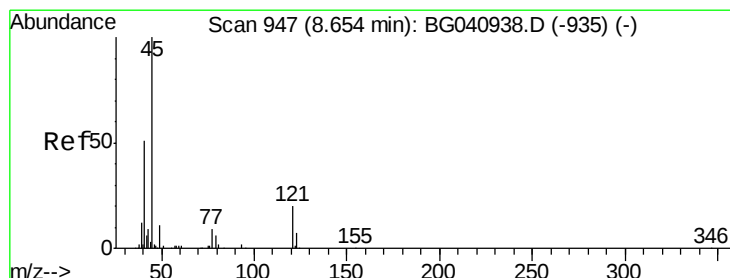
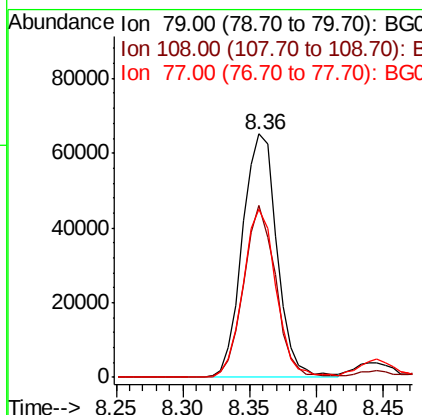




#15
Benzyl Alcohol
Concen: 25.820 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

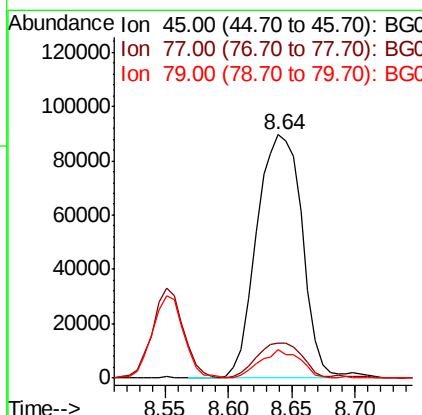
Instrument :
BNA_G
ClientSampleId :

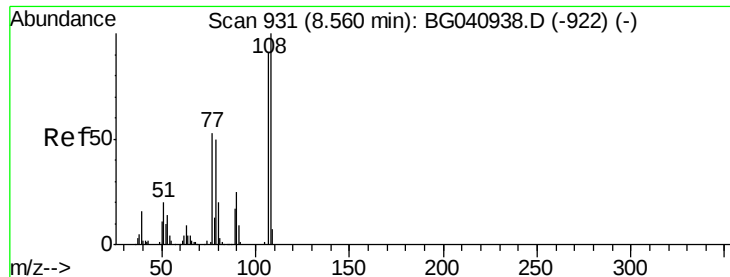
Tot Ion	Ratio	Lower	Upper
79	100		
108	70.5	48.3	72.5
77	69.0	52.3	78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.895 ng
RT: 8.64 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.7
79	11.9	0.0	30.2





#17

2-Methylphenol

Concen: 25.477 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 96449

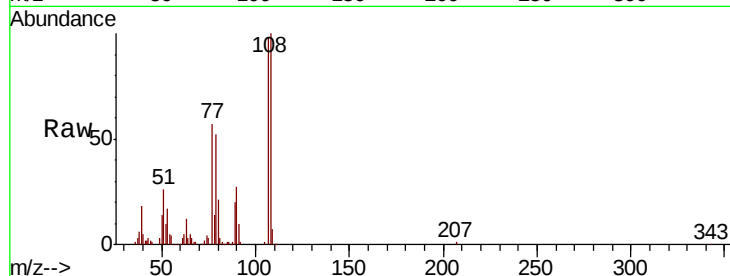
Ion Ratio Lower Upper

107 100

108 102.0 87.7 131.5

77 58.0 46.6 70.0

79 53.3 44.6 66.8

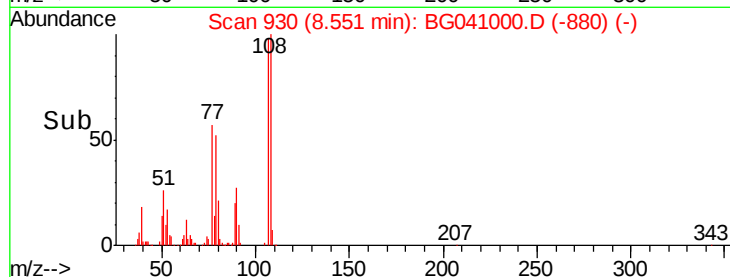


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

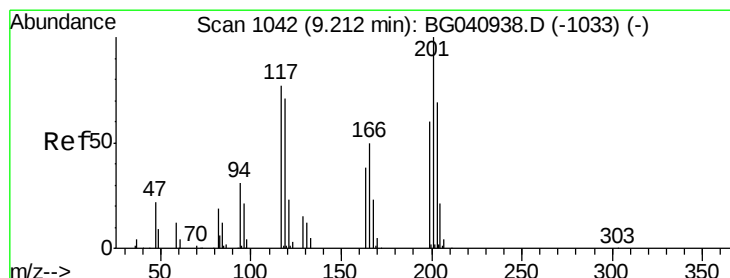
Ion 79.00 (78.70 to 79.70): BG



Abundance

8.55

Time-->



#18

Hexachloroethane

Concen: 29.462 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

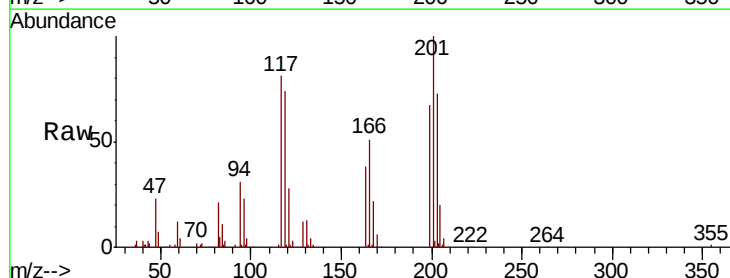
Tgt Ion:117 Resp: 51678

Ion Ratio Lower Upper

117 100

119 91.4 75.0 112.6

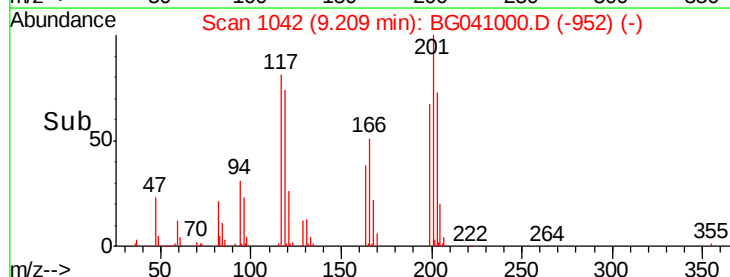
201 123.7 103.5 155.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

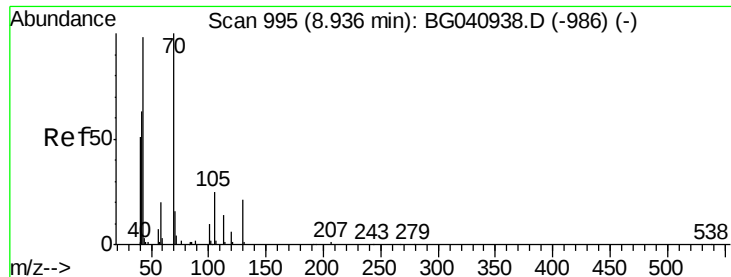
Ion 201.00 (200.70 to 201.70): E



Abundance

9.21

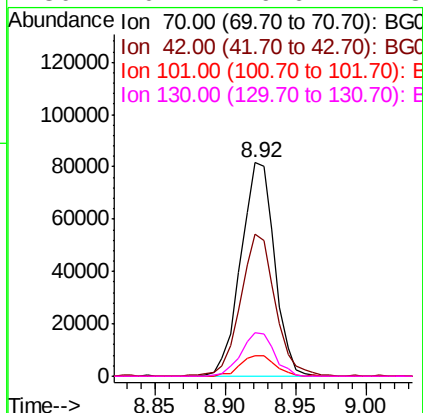
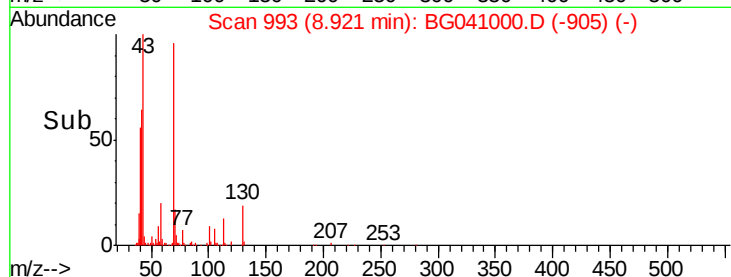
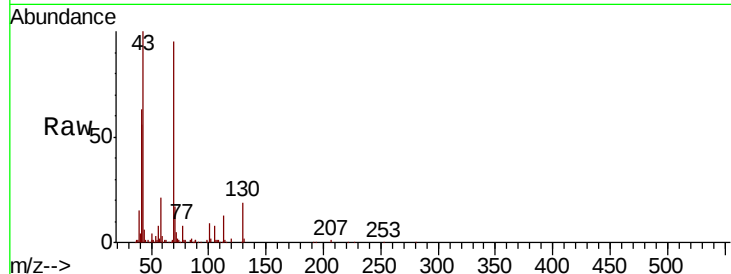
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.288 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

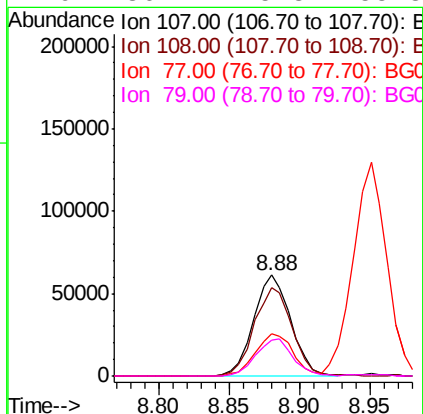
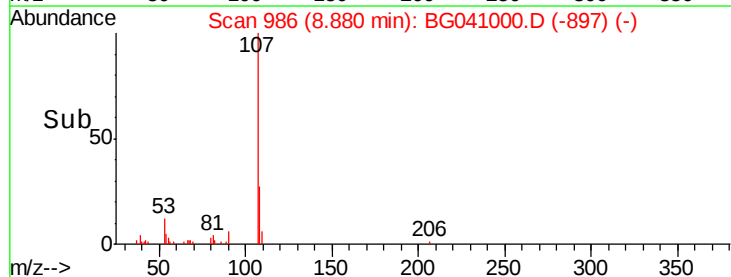
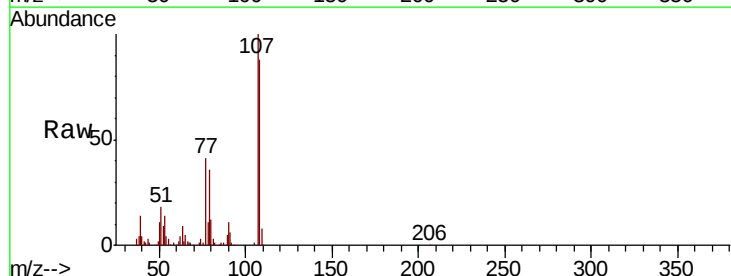
Instrument :
BNA_G
ClientSampleId :

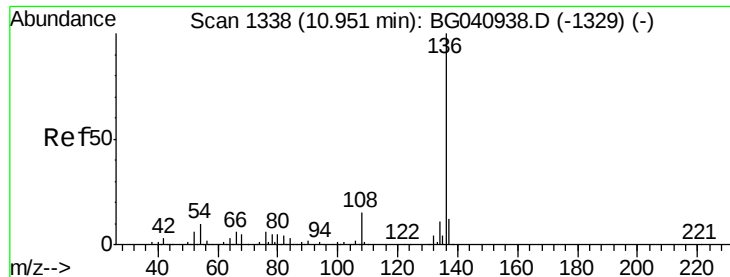
Tot Ion:	70	Resp:	136180
Ion	Ratio	Lower	Upper
70	100		
42	66.4	51.5	77.3
101	9.6	8.1	12.1
130	20.2	16.6	24.8



#20
3+4-Methylphenols
Concen: 21.533 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion:	107	Resp:	112919
Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.8	106.8
77	41.5	20.5	60.5
79	36.1	15.8	55.8

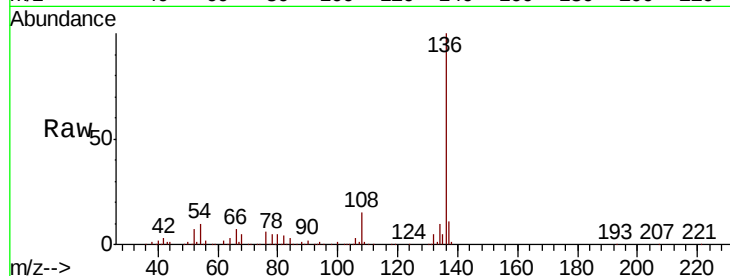




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	232282
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.5 14.3
54	9.8	7.6 11.4
68	4.9	3.9 5.9



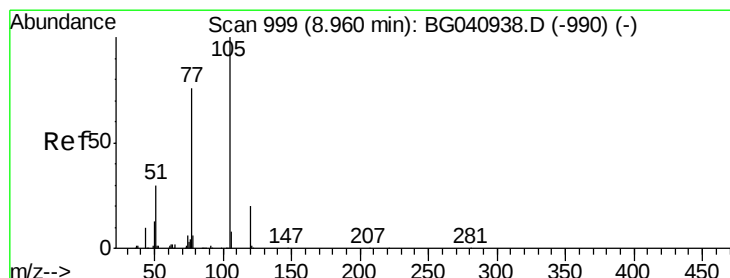
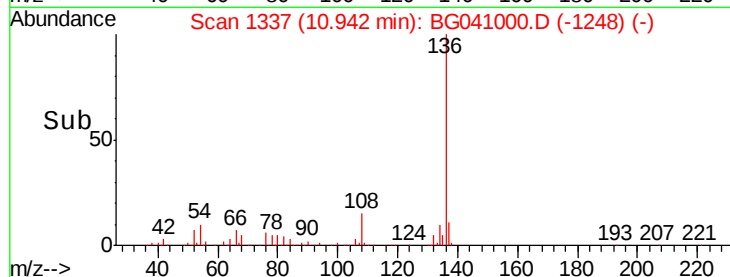
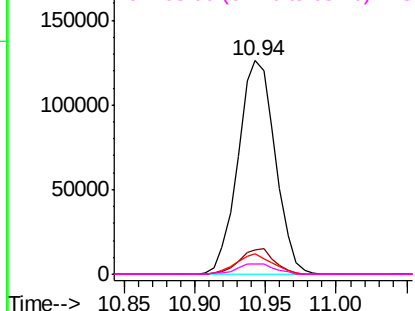
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

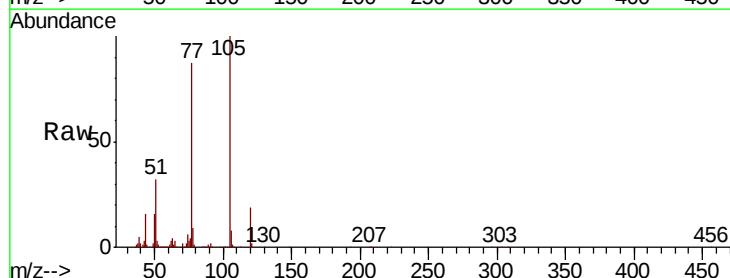
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.714 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion:105	Resp:	252256
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.4 0.6#
51	31.9	27.0 40.6
120	19.1	16.2 24.4



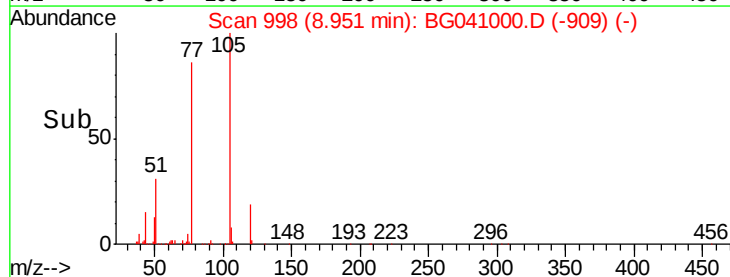
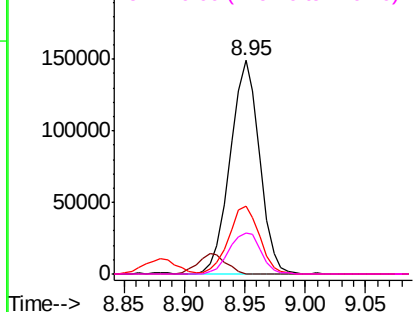
Abundance

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

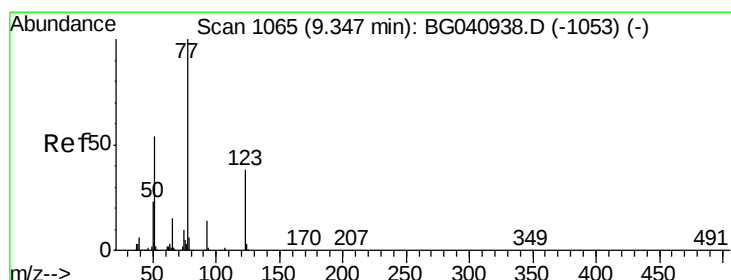
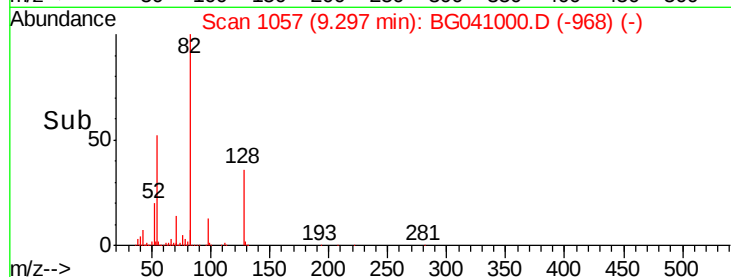
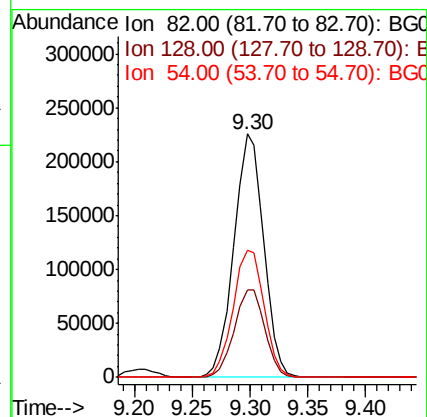
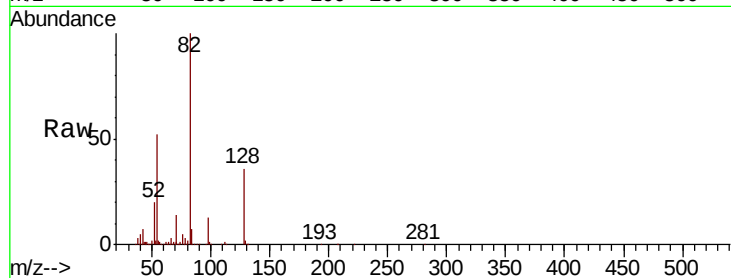




#23
Nitrobenzene-d5
Concen: 77.092 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

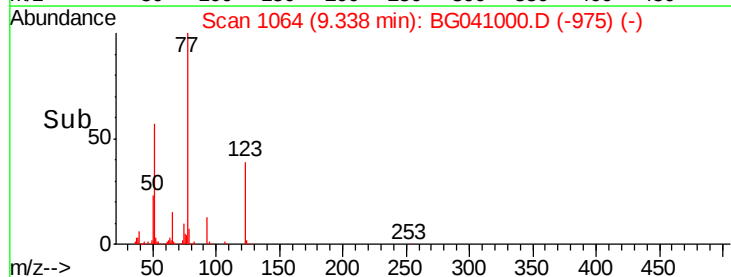
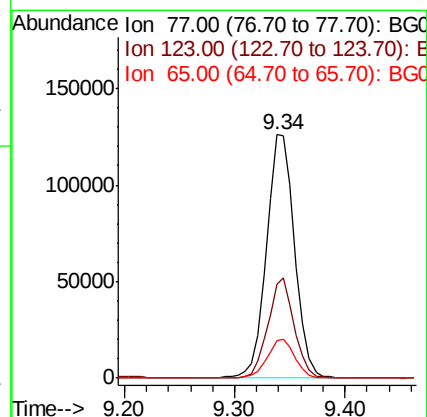
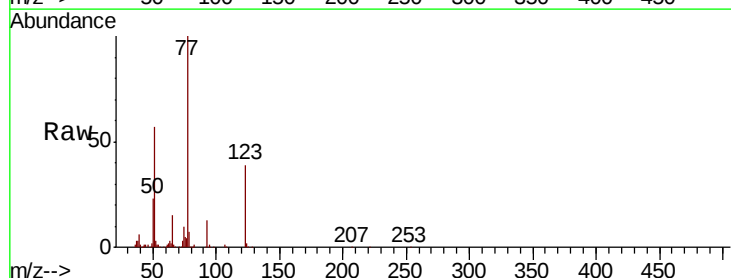
Instrument :
BNA_G
ClientSampleId :

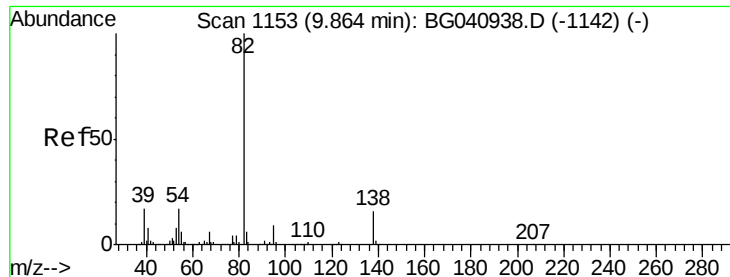
Tot Ion	82	Resp	403371
Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.5	45.7
54	52.2	44.6	66.8



#24
Nitrobenzene
Concen: 42.106 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion	77	Resp	224516
Ion	Ratio	Lower	Upper
77	100		
123	38.8	30.6	46.0
65	15.2	12.3	18.5





#25

Isophorone

Concen: 39.301 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

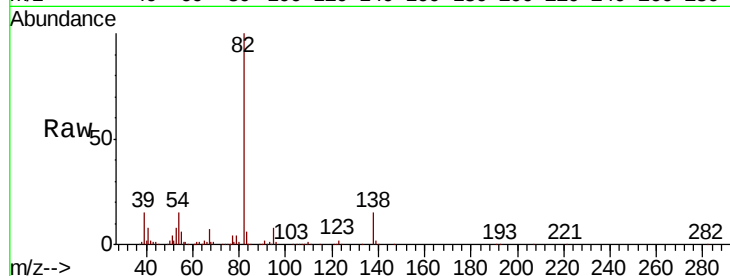
Tot Ion: 82 Resp: 391344

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.4

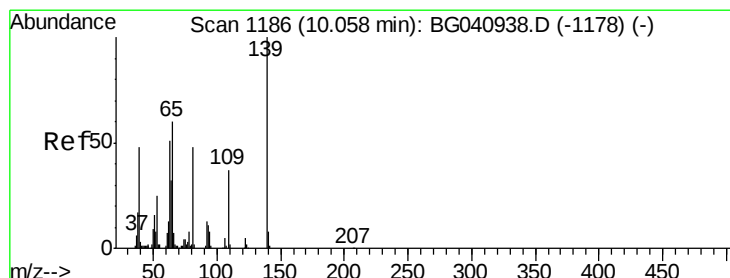
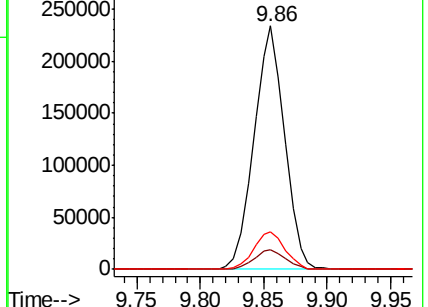
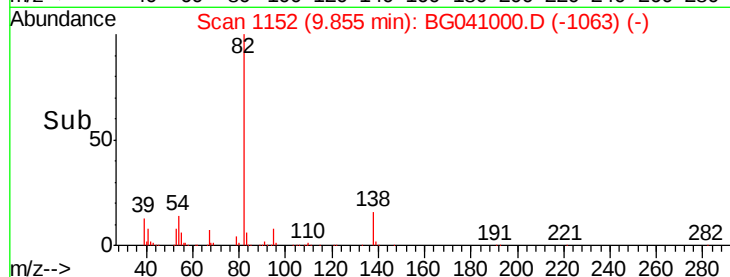
138 15.3 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG041000.D (-1063) (-)

Ion 95.00 (94.70 to 95.70): BG041000.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BG041000.D (-1063) (-)



#26

2-Nitrophenol

Concen: 40.111 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

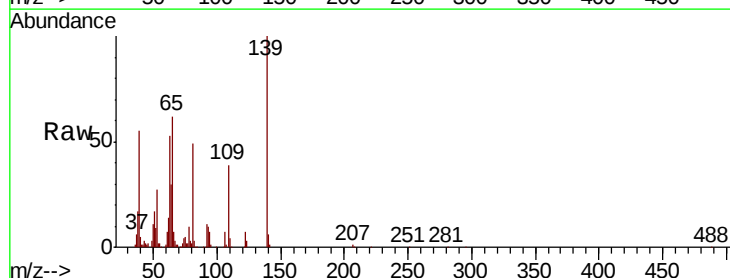
Tgt Ion: 139 Resp: 88172

Ion Ratio Lower Upper

139 100

109 39.4 29.8 44.6

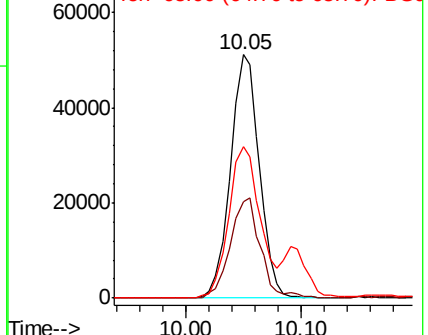
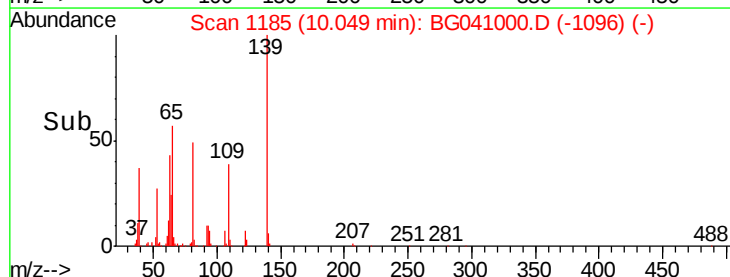
65 62.0 47.8 71.6

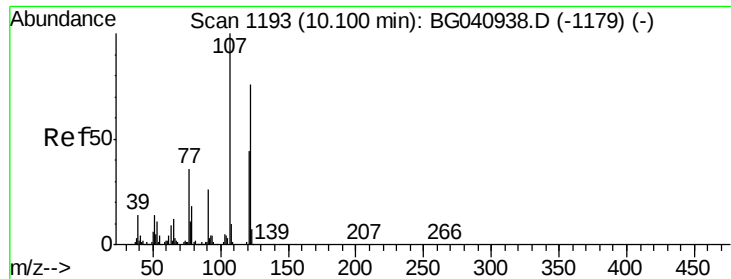


Abundance Ion 139.00 (138.70 to 139.70): BG041000.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BG041000.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BG041000.D (-1096) (-)

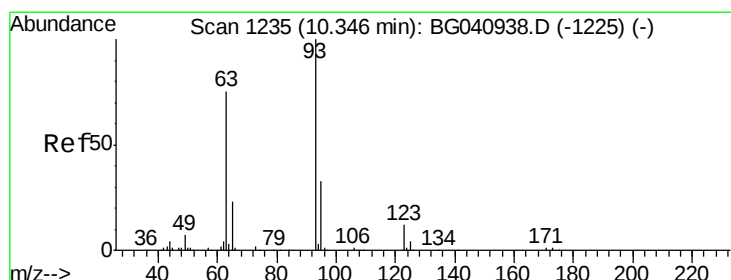
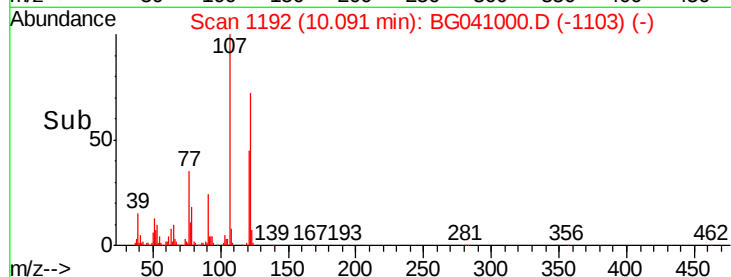
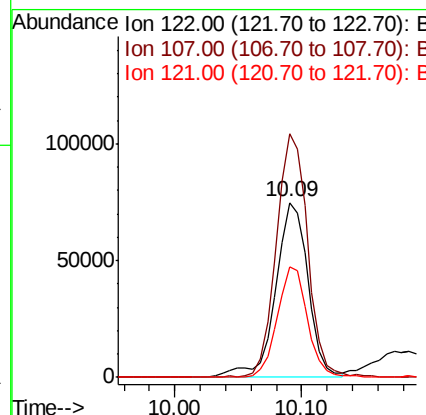
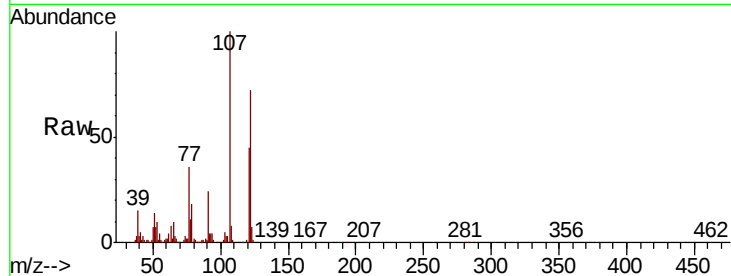




#27
2,4-Dimethylphenol
Concen: 36.688 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

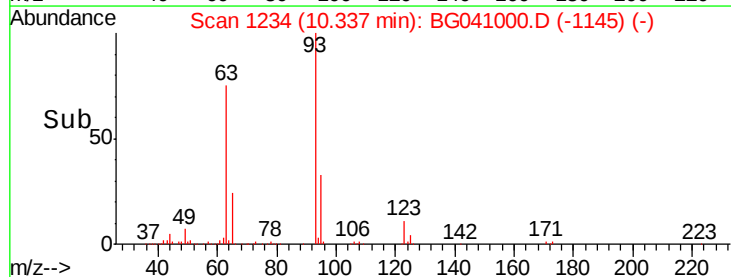
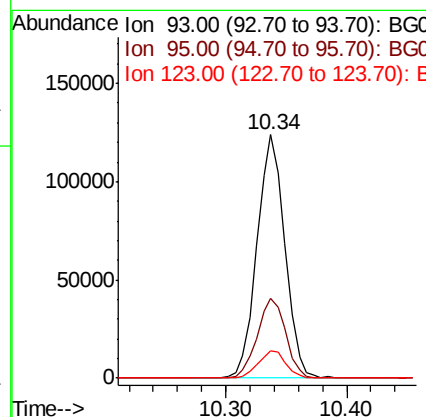
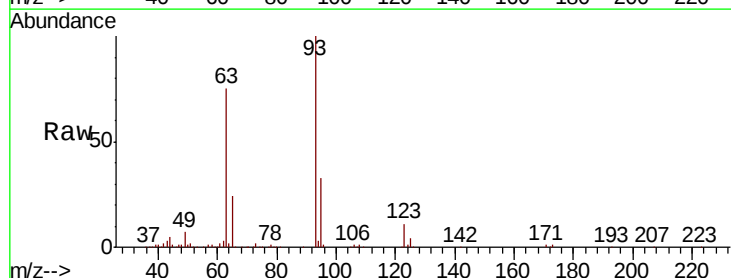
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.1	105.9	158.9
121	62.8	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.882 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.3	9.5	14.3

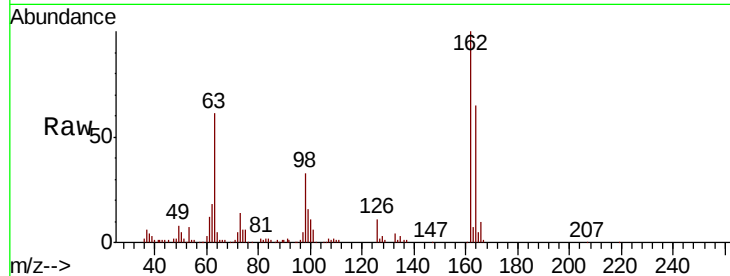




#29
 2,4-Dichlorophenol
 Concen: 34.989 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	39.4	79.4
98	33.2	15.3	55.3

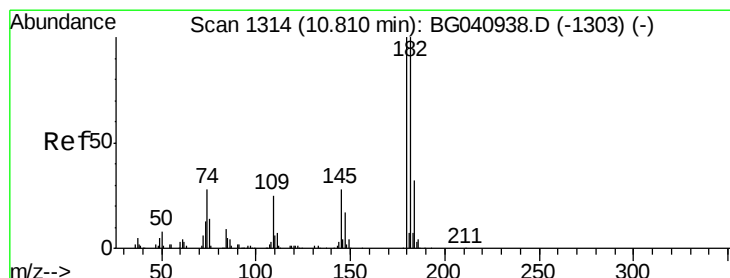
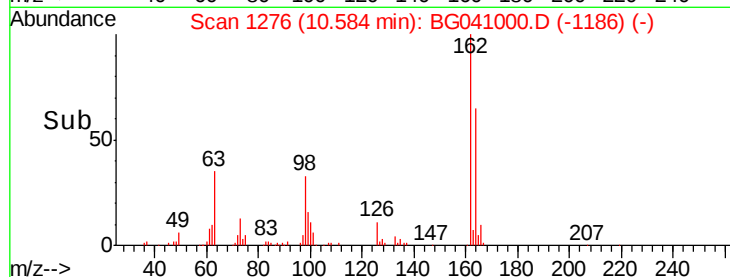
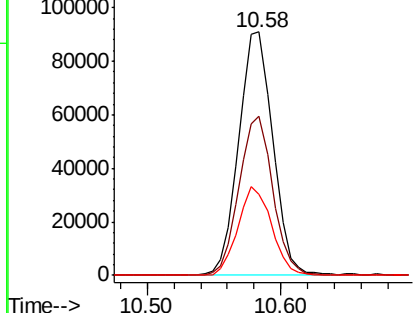


Abundance

Ion 162.00 (161.70 to 162.70): E

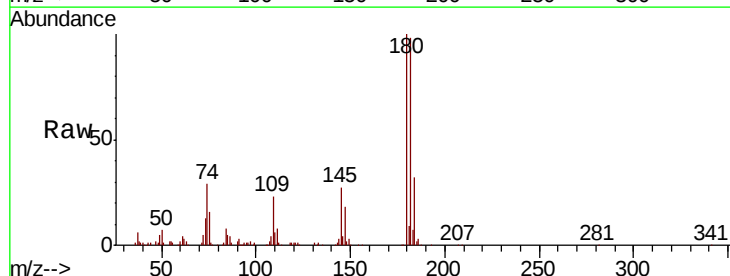
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 32.760 ng
 RT: 10.80 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	79.7	119.5
145	27.4	22.6	34.0

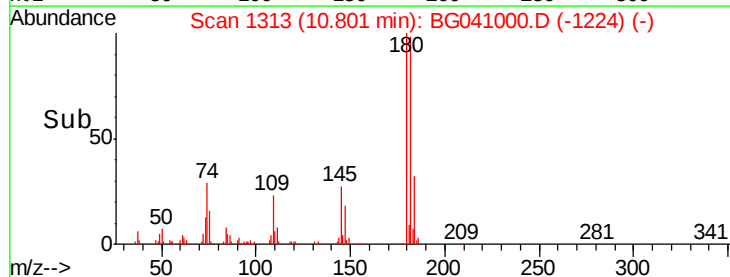
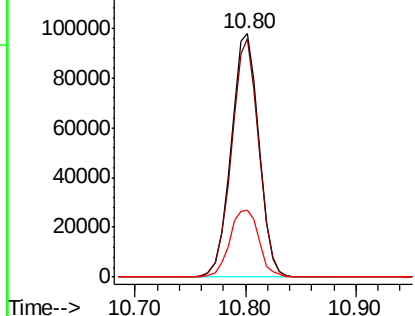


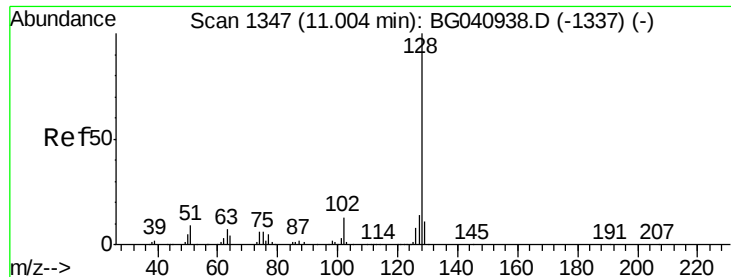
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

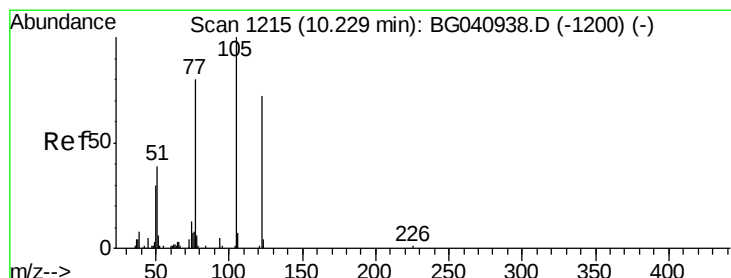
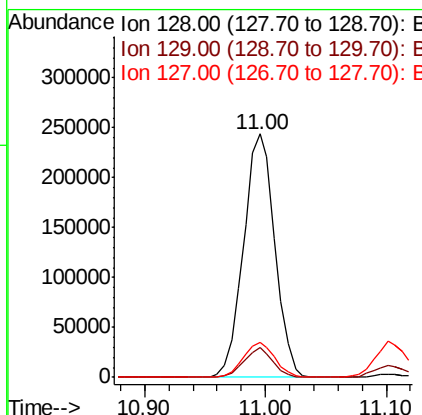
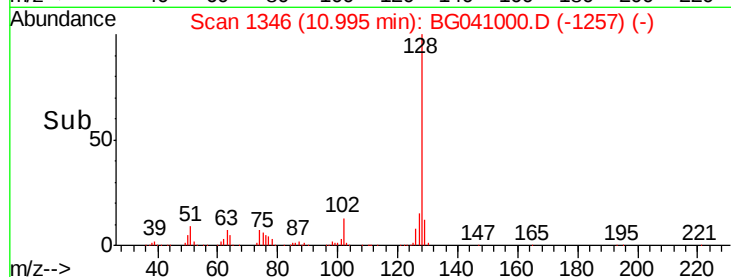
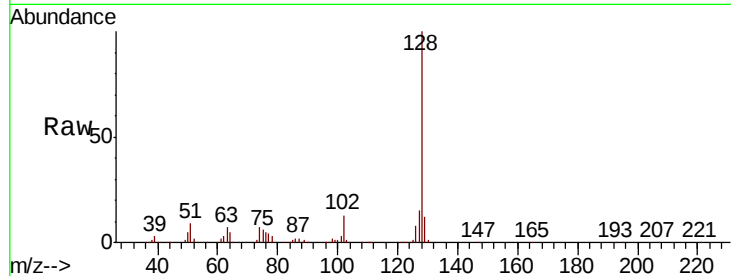




#31
Naphthalene
Concen: 35.272 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

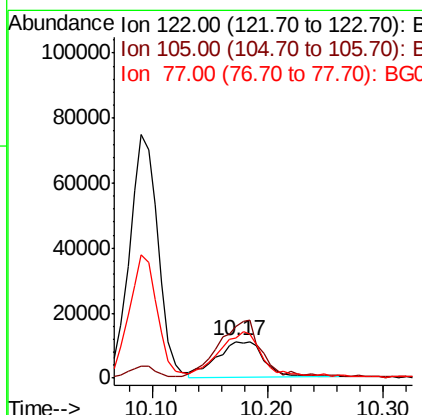
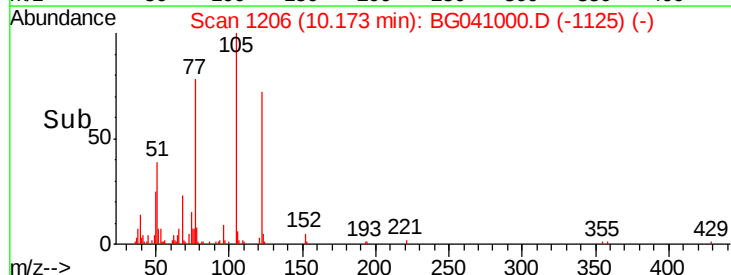
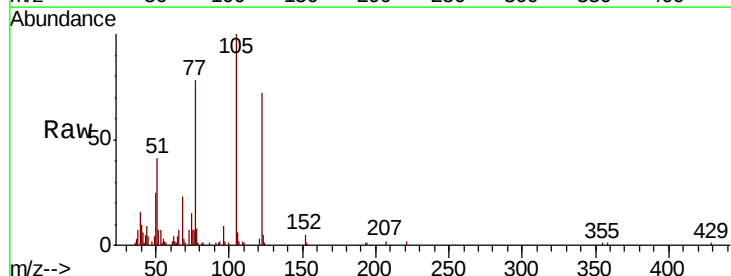
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 439890
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 14.5 11.4 17.2



#32
Benzoic acid
Concen: 17.340 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.06 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion:122 Resp: 31301
Ion Ratio Lower Upper
122 100
105 139.1 114.8 154.8
77 108.5 89.9 129.9

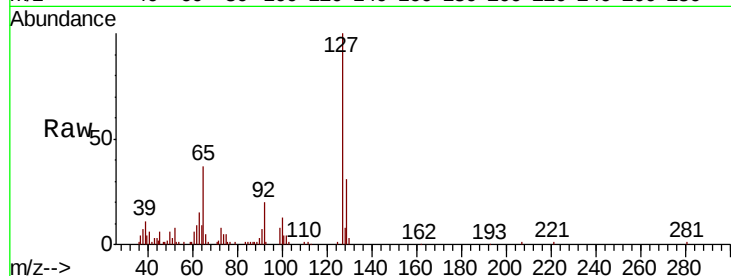




#33
4-Chloroaniline
Concen: 11.432 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	66154
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.7	41.5
65	37.4	33.2	49.8
92	19.8	17.2	25.8



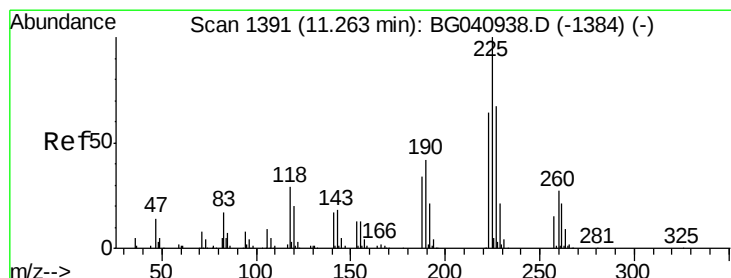
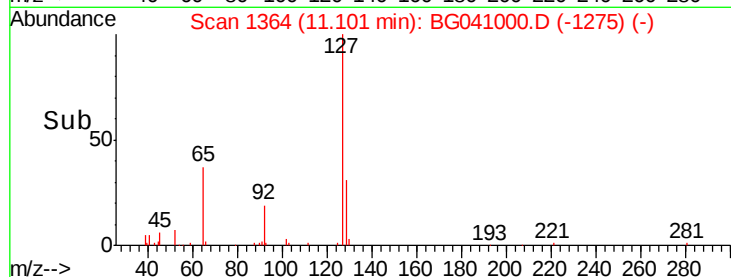
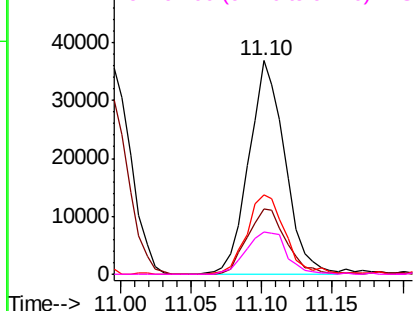
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

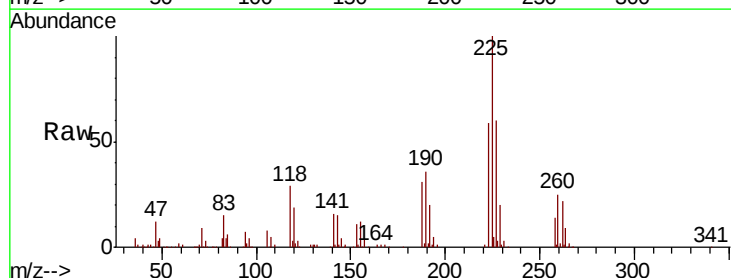
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 30.770 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion:	225	Resp:	123478
Ion	Ratio	Lower	Upper
225	100		
223	59.5	48.8	73.2
227	60.0	51.4	77.0

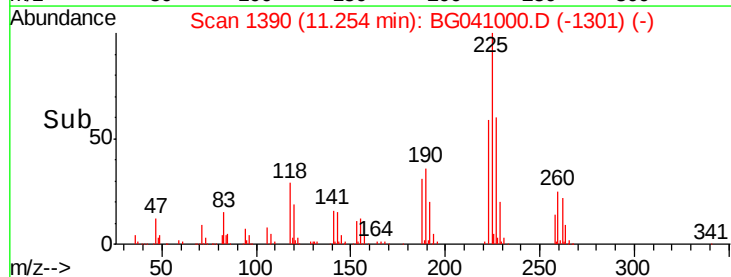
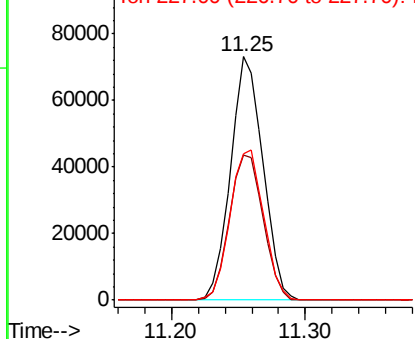


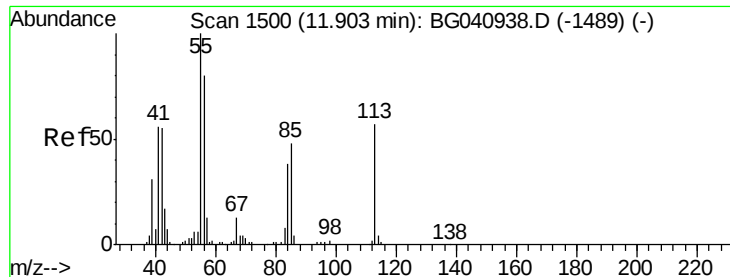
Abundance

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: 6.928 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

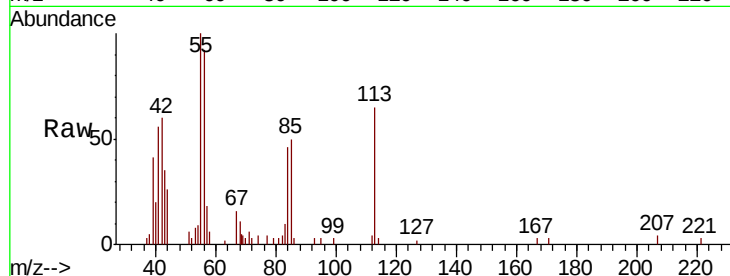
Tot Ion:113 Resp: 10547

Ion Ratio Lower Upper

113 100

55 154.7 155.9 195.9#

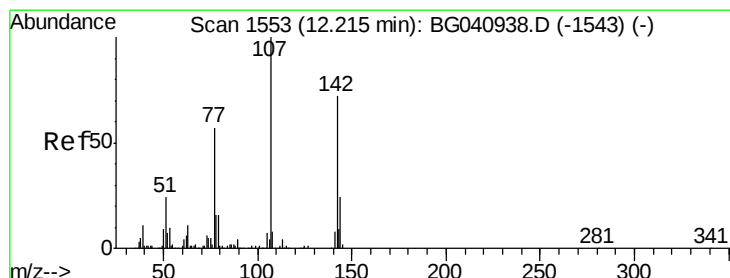
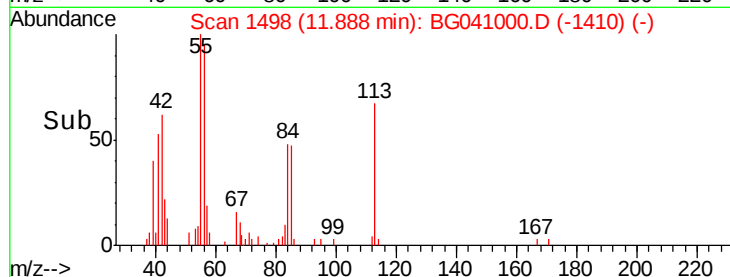
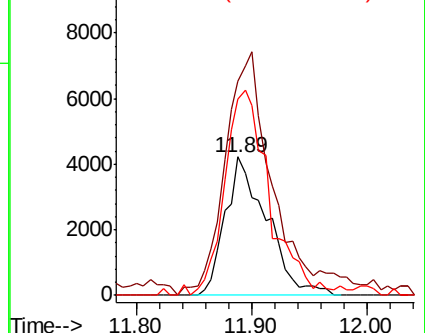
56 141.9 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 32.155 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

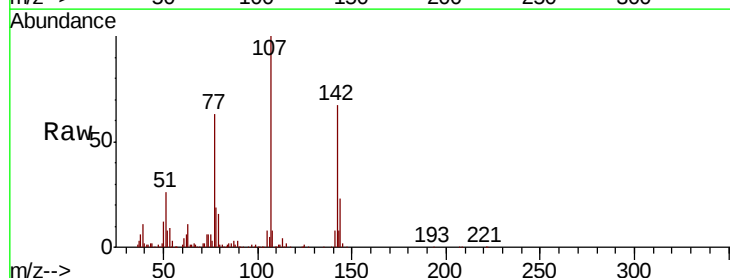
Tgt Ion:107 Resp: 169300

Ion Ratio Lower Upper

107 100

144 23.1 19.4 29.0

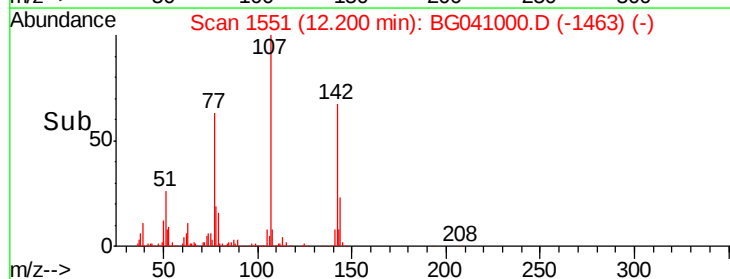
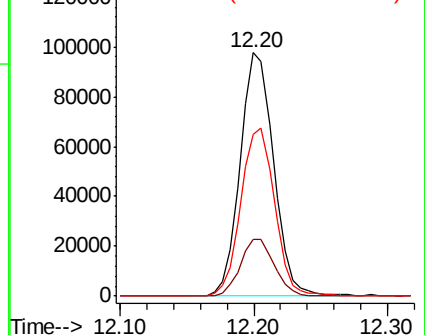
142 66.6 57.3 85.9

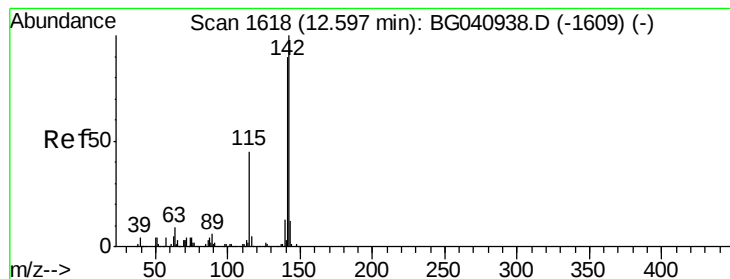


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.573 ng

RT: 12.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

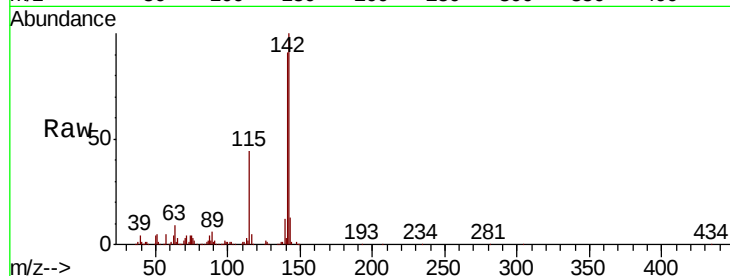
Tot Ion:142 Resp: 341690

Ion Ratio Lower Upper

142 100

141 91.3 72.2 108.4

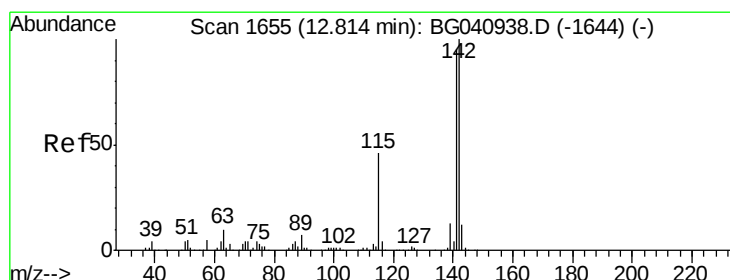
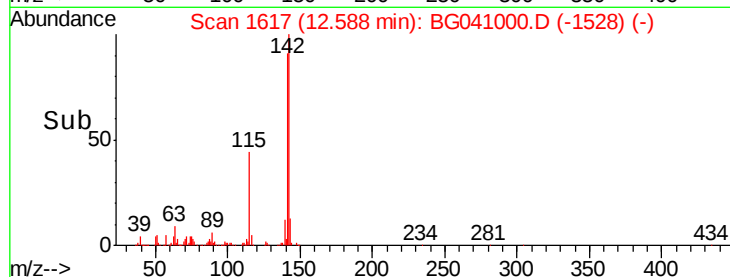
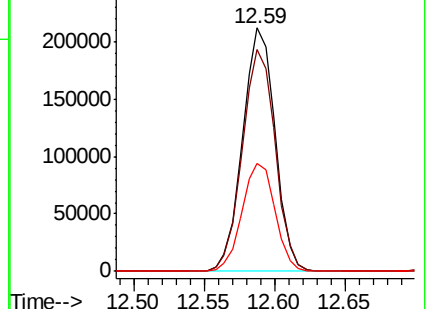
115 44.3 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.531 ng

RT: 12.80 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

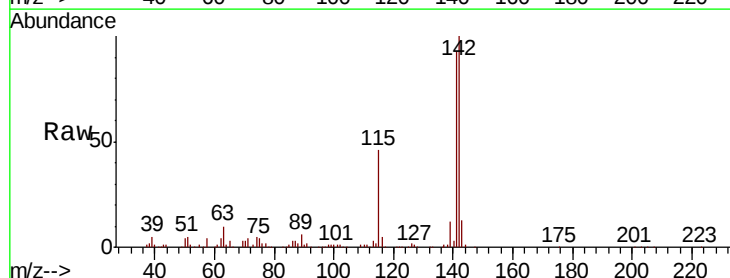
Tgt Ion:142 Resp: 330656

Ion Ratio Lower Upper

142 100

141 93.5 75.7 113.5

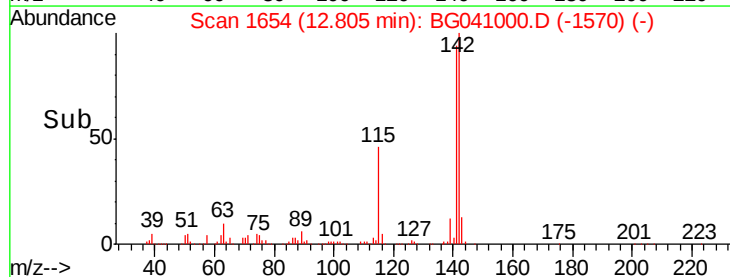
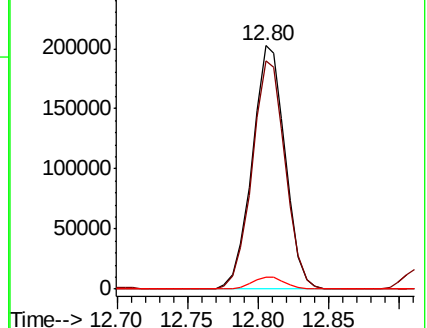
116 5.0 3.4 5.2

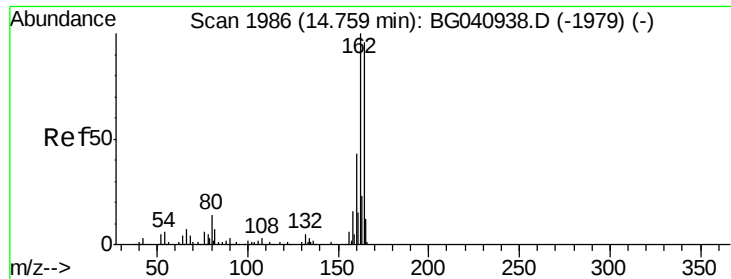


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampled :

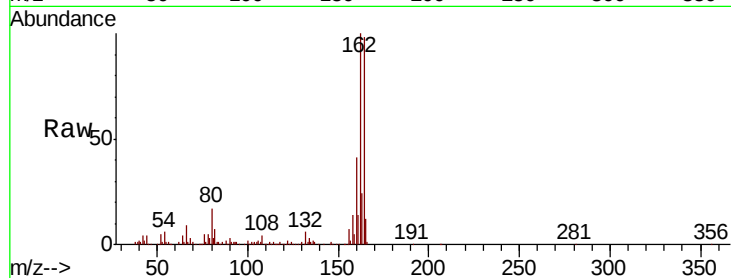
Tot Ion:164 Resp: 167954

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.4

160 42.1 35.6 53.4

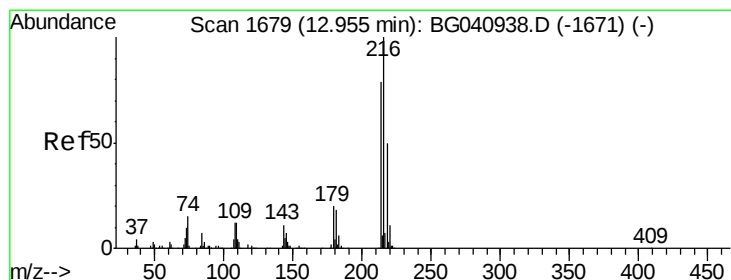
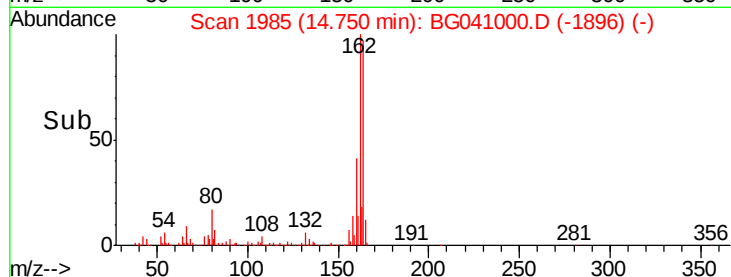
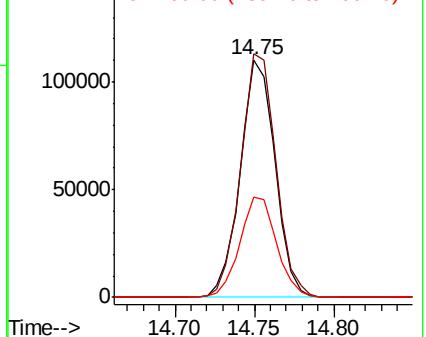


Abundance

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: 37.043 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Tgt Ion:216 Resp: 250761

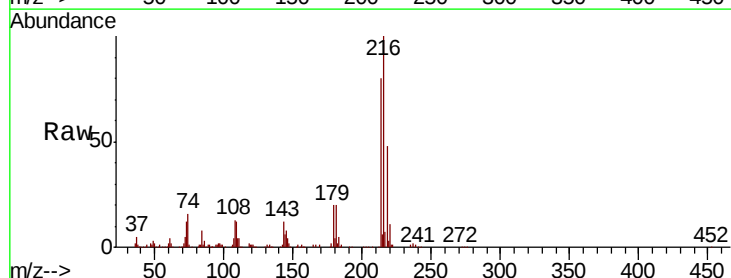
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 19.7 15.2 22.8

108 17.7 11.4 17.2#



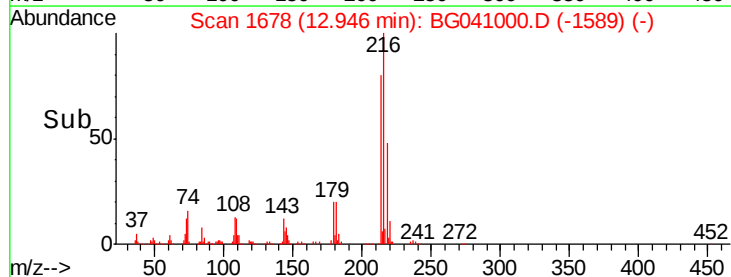
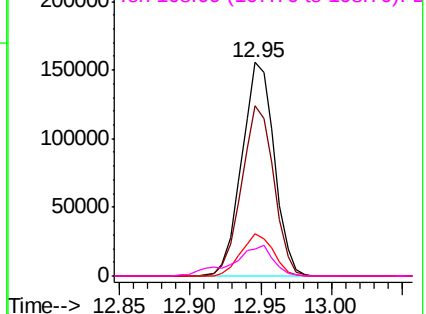
Abundance

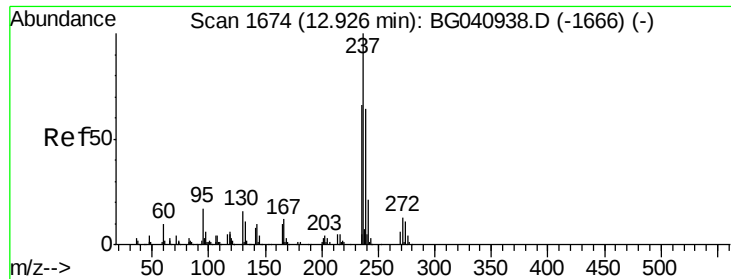
Ion 216.00 (215.70 to 216.70): E

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

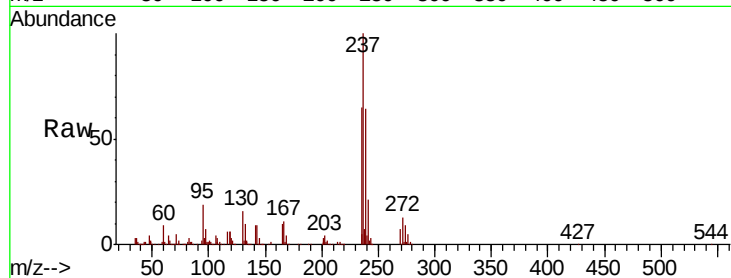




#41
Hexachlorocyclopentadiene
Concen: 81.166 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.8	45.5	85.5
272	12.6	0.0	32.9

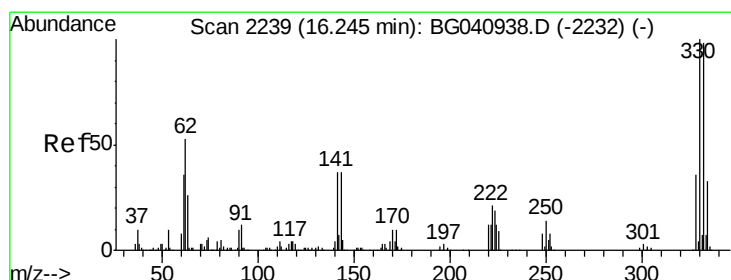
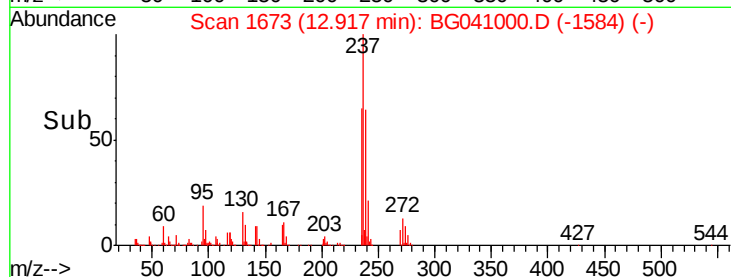
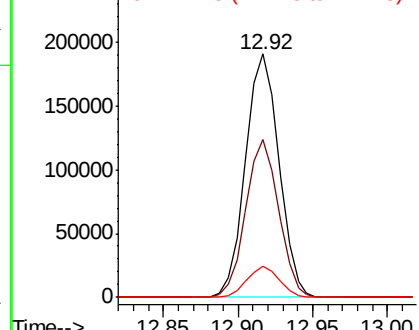


Abundance

Ion 236.80 (236.50 to 237.50): E

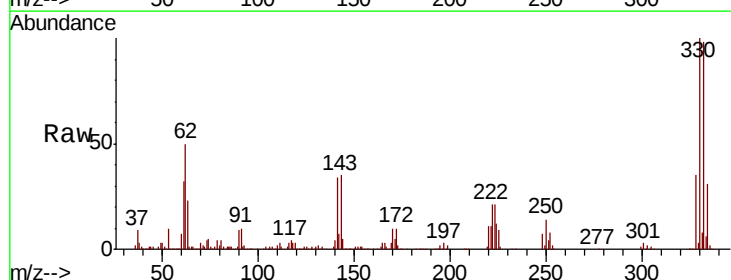
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 118.335 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.5	117.7
141	35.5	28.7	43.1

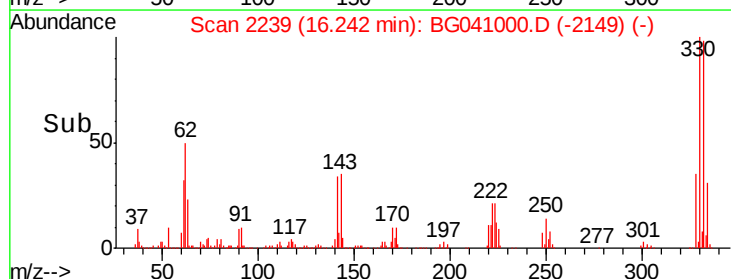
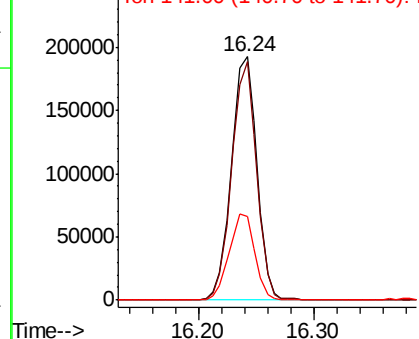


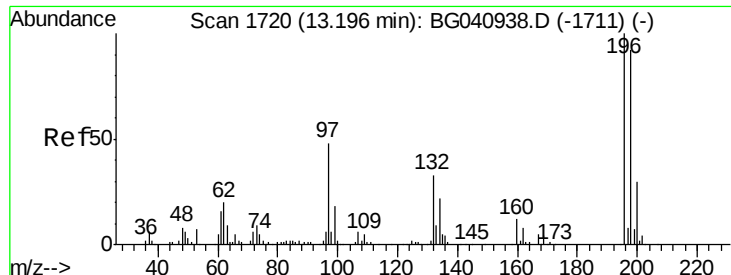
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

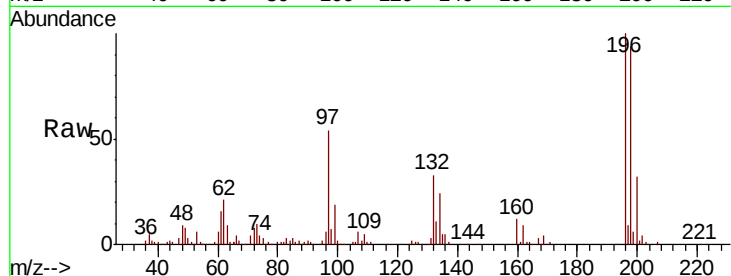




#43
 2,4,6-Trichlorophenol
 Concen: 37.112 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	162523
Ion Ratio	Lower	Upper	
196	100		
198	94.5	73.8	110.6
200	31.5	24.1	36.1

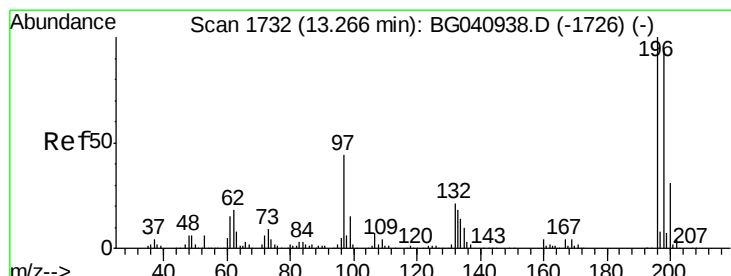
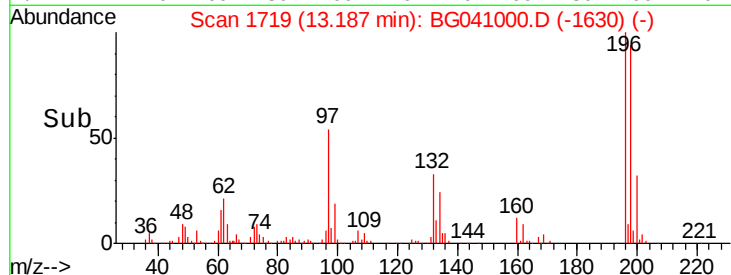
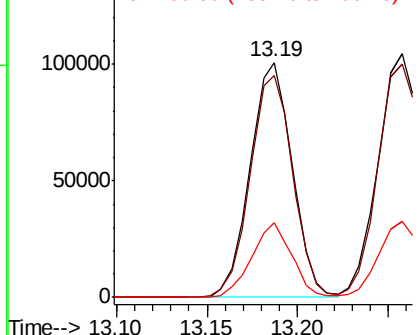


Abundance

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: 37.134 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

Tgt Ion	196	Resp	171506
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.1	112.7
97	46.5	35.6	53.4
132	22.6	16.7	25.1

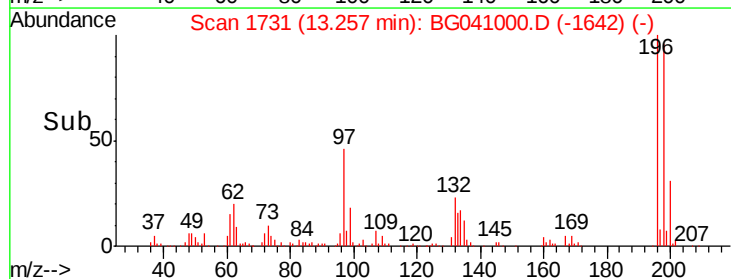
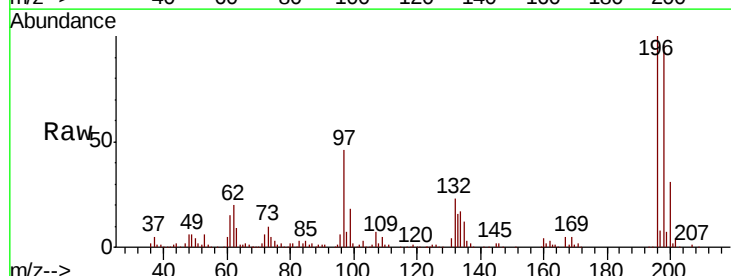
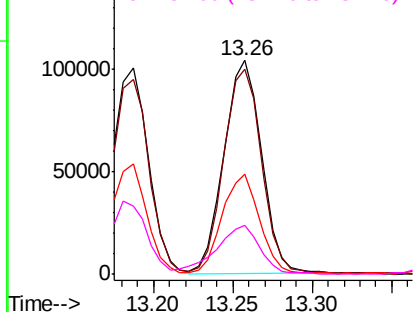
Abundance

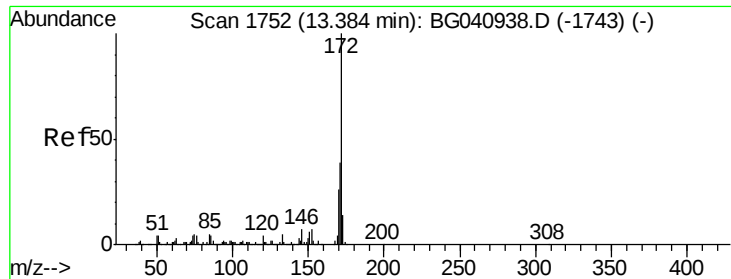
Ion 196.00 (195.70 to 196.70): E

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

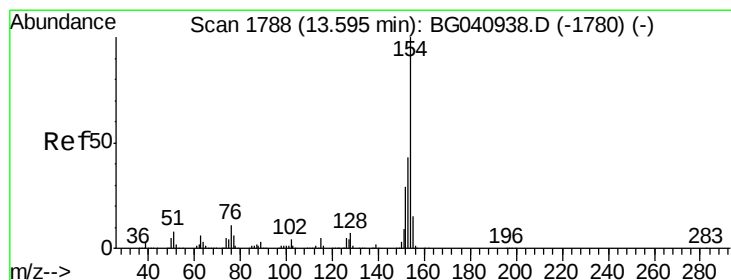
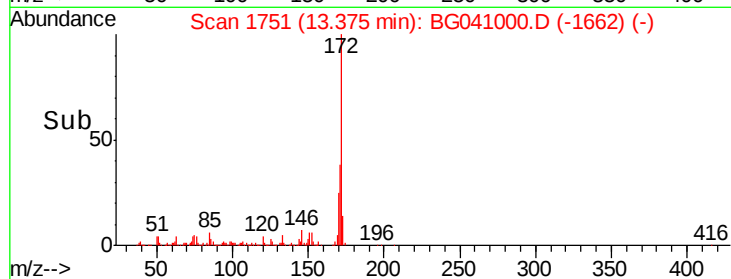
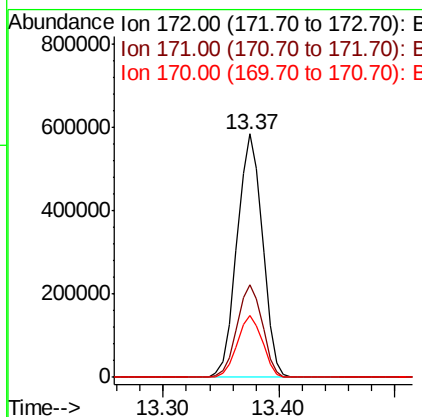
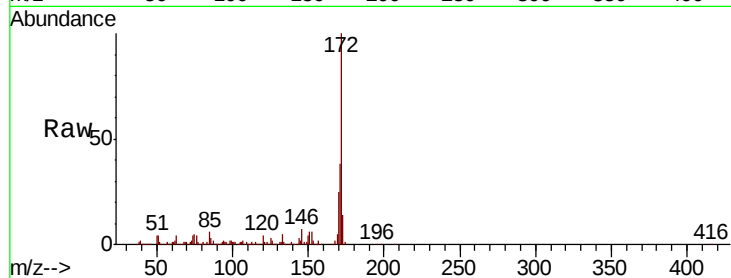




#45
 2-Fluorobiphenyl
 Concen: 76.148 ng
 RT: 13.37 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

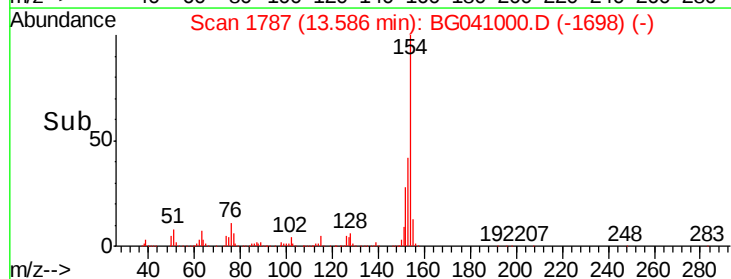
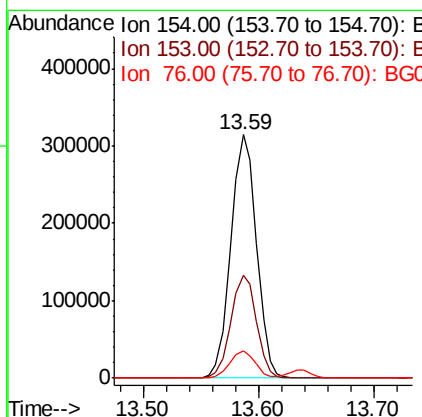
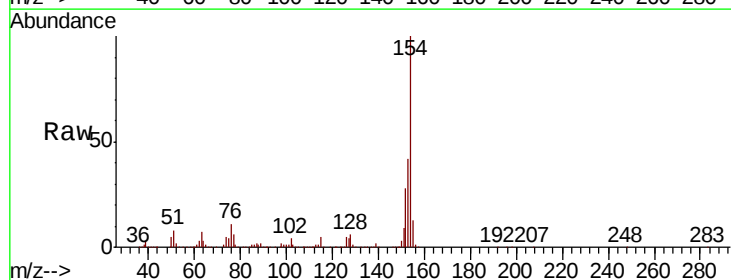
Instrument :
 BNA_G
 ClientSampleId :

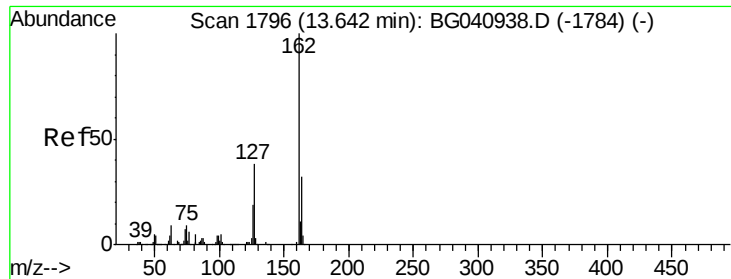
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.1	46.7
170	25.5	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 38.776 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.3	63.3
76	11.0	0.0	31.1





#47

2-Chloronaphthalene

Concen: 36.707 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

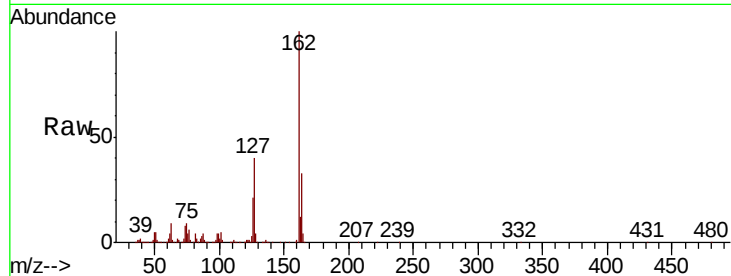
Tot Ion:162 Resp: 391775

Ion Ratio Lower Upper

162 100

127 39.7 30.5 45.7

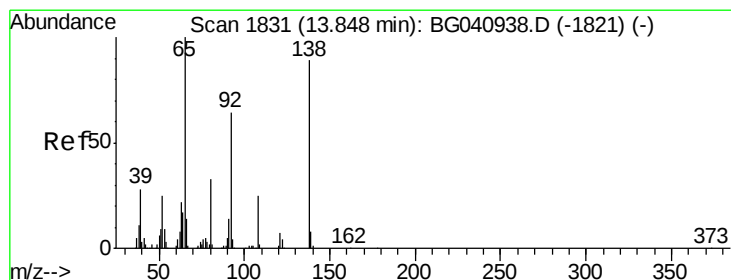
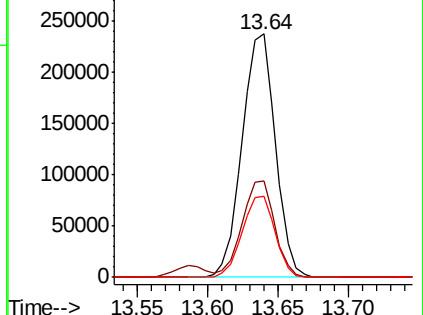
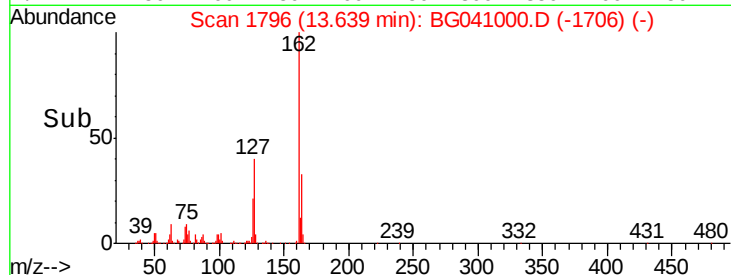
164 33.2 25.8 38.6



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: 33.498 ng

RT: 13.84 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

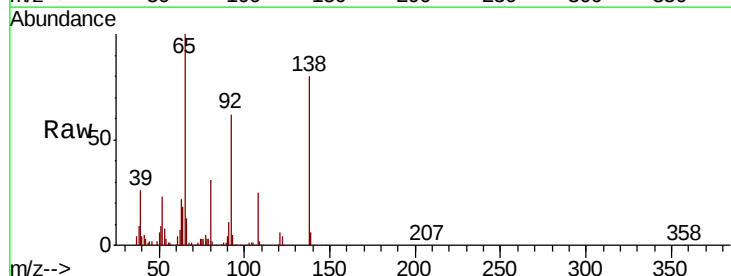
Tgt Ion: 65 Resp: 128262

Ion Ratio Lower Upper

65 100

92 62.2 51.0 76.6

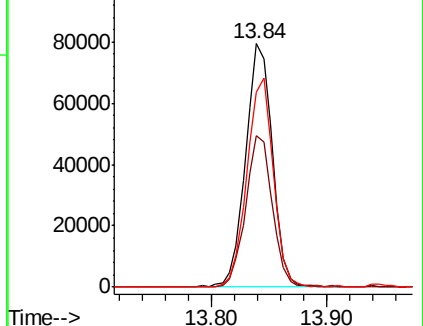
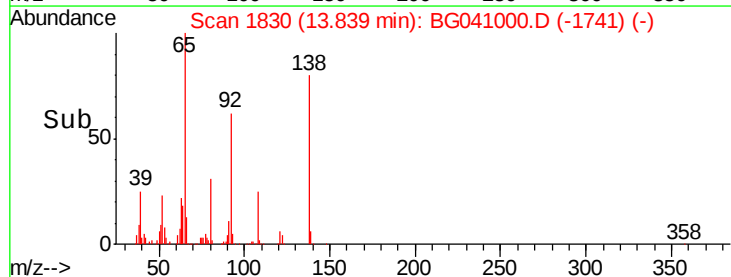
138 80.3 71.2 106.8

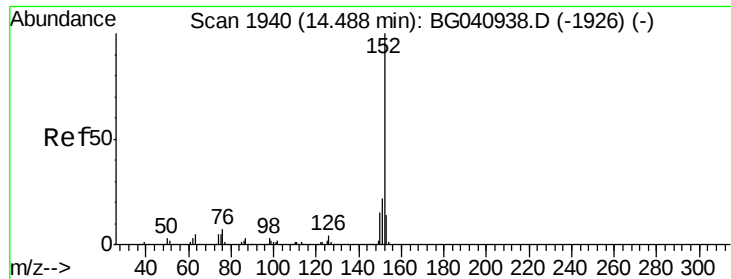


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.886 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

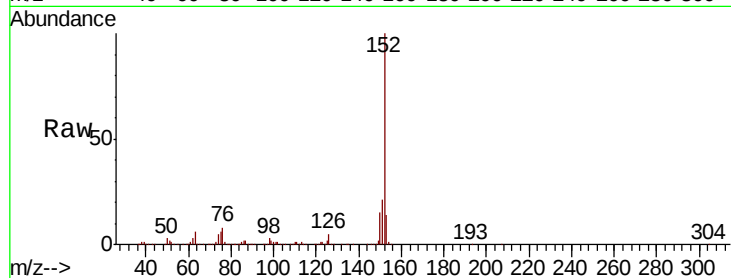
Tot Ion:152 Resp: 608573

Ion Ratio Lower Upper

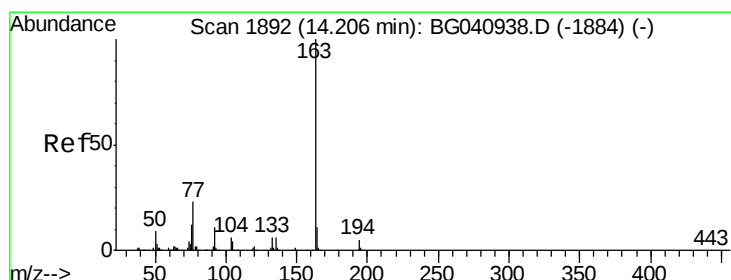
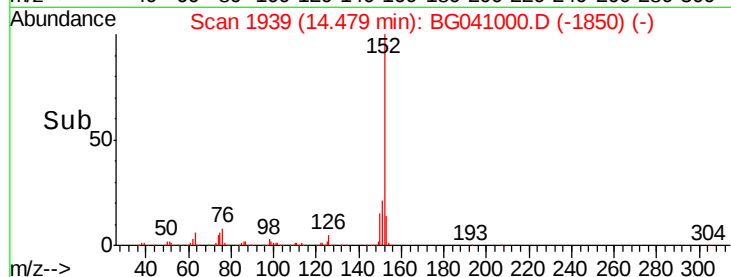
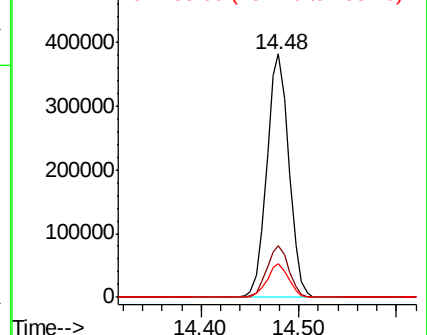
152 100

151 21.2 17.4 26.0

153 14.0 11.0 16.4



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: 44.031 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

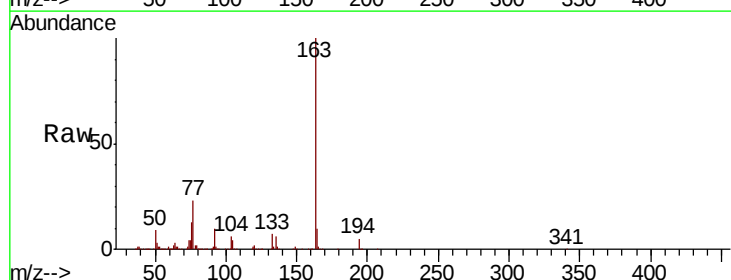
Tgt Ion:163 Resp: 625998

Ion Ratio Lower Upper

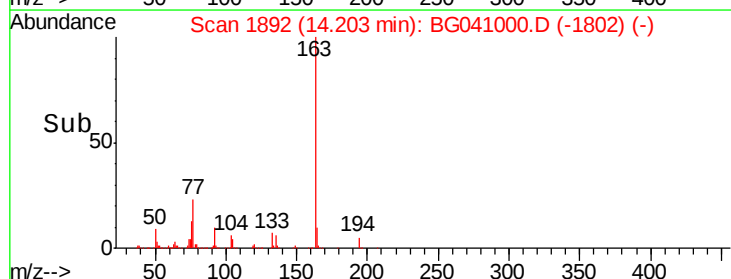
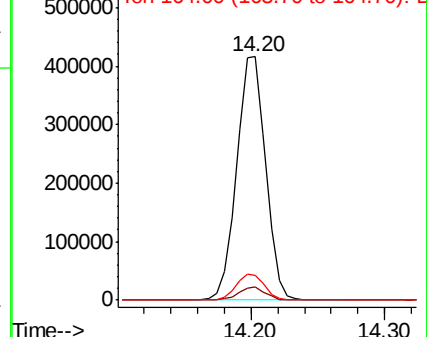
163 100

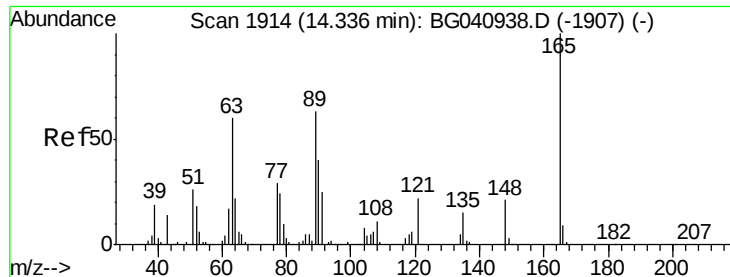
194 5.4 3.8 5.8

164 10.1 8.7 13.1



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: 38.718 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

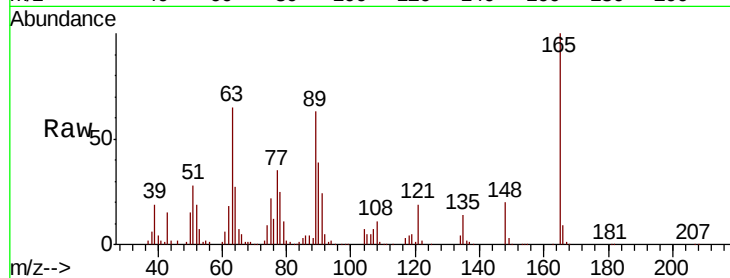
Tot Ion:165 Resp: 118686

Ion Ratio Lower Upper

165 100

63 64.9 53.6 80.4

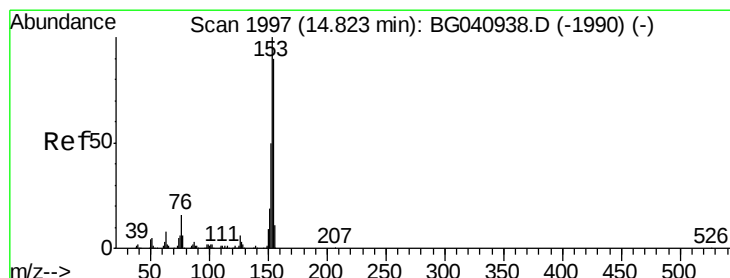
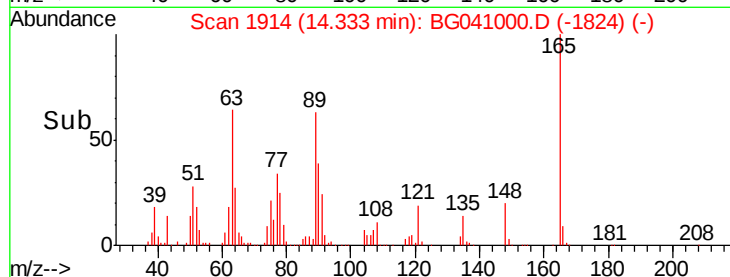
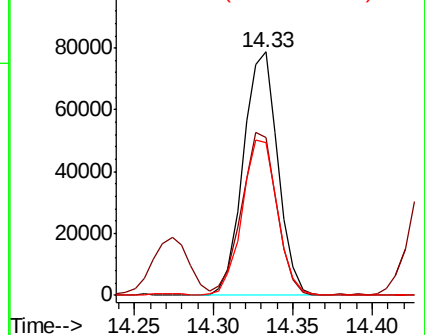
89 62.9 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.191 ng

RT: 14.81 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

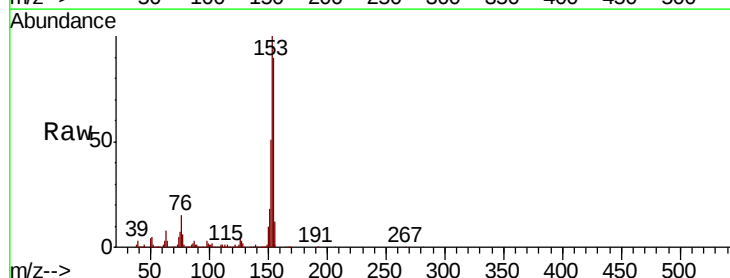
Tgt Ion:154 Resp: 361912

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

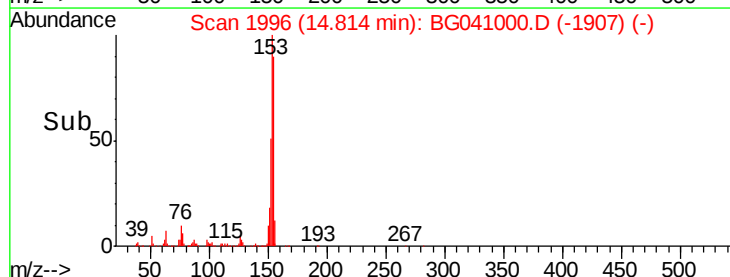
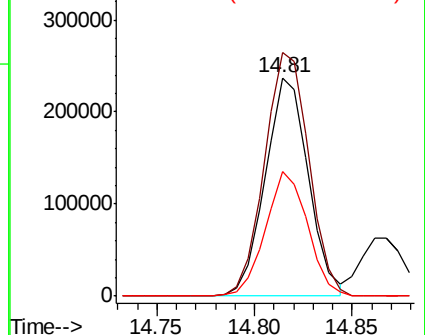
152 57.0 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

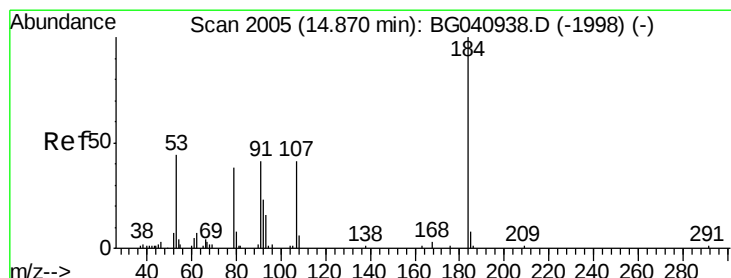
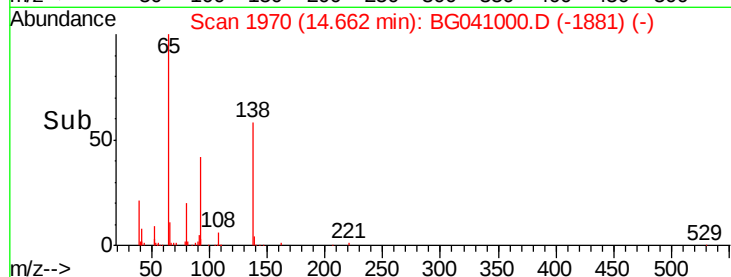
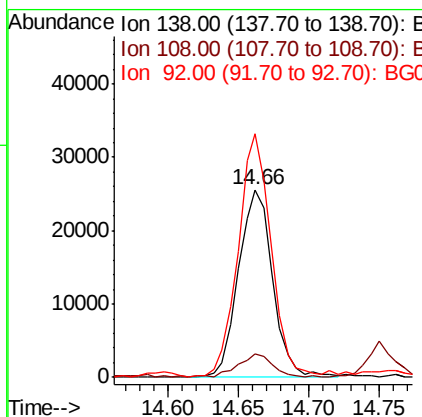
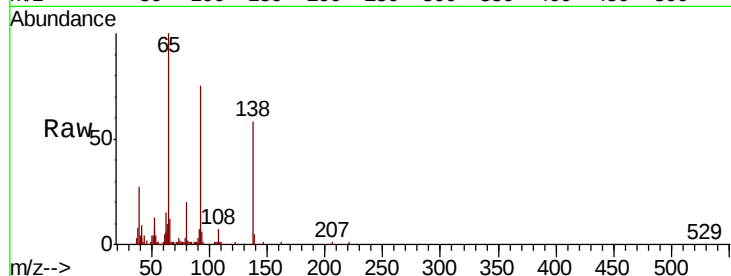




#53
3-Nitroaniline
Concen: 14.168 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

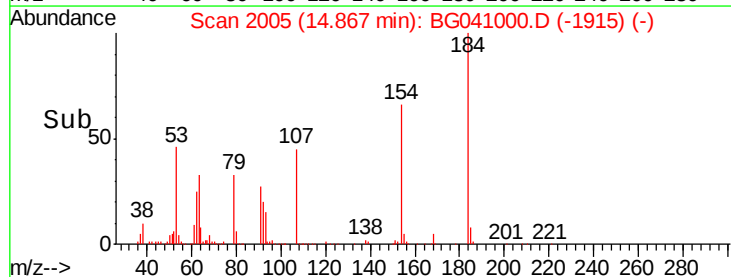
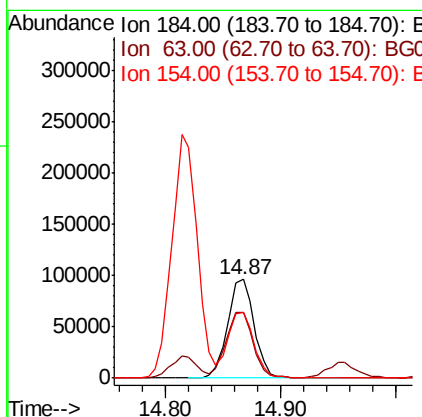
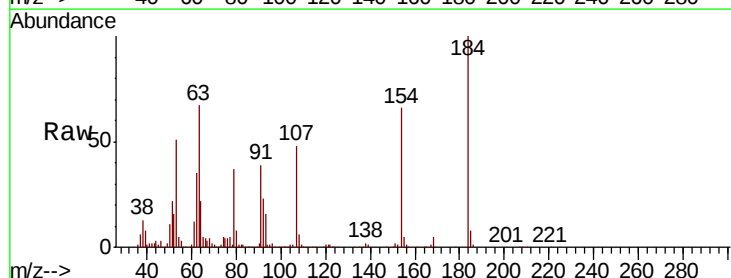
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 43430
Ion Ratio Lower Upper
138 100
108 12.3 8.5 12.7
92 129.6 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 91.190 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion:184 Resp: 154483
Ion Ratio Lower Upper
184 100
63 67.0 49.8 74.6
154 65.9 52.2 78.4





#55

Dibenzofuran

Concen: 38.769 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampled :

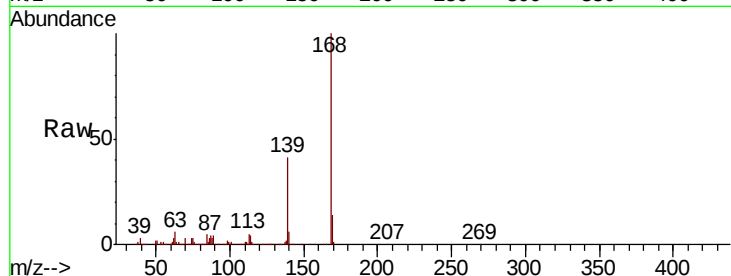
Tot Ion:168 Resp: 634798

Ion Ratio Lower Upper

168 100

139 41.2 32.8 49.2

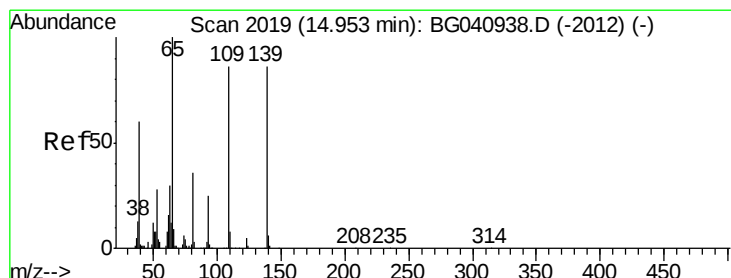
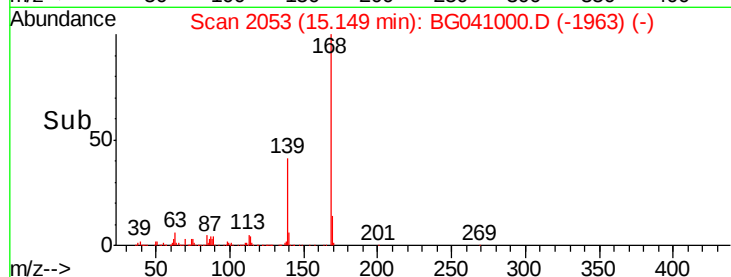
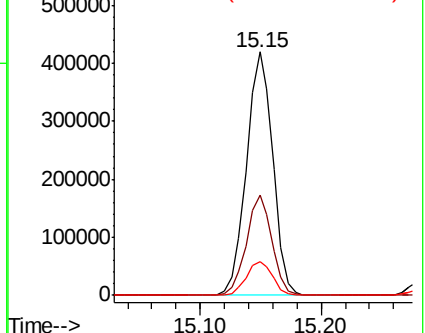
169 14.0 11.3 16.9



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: 31.004 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

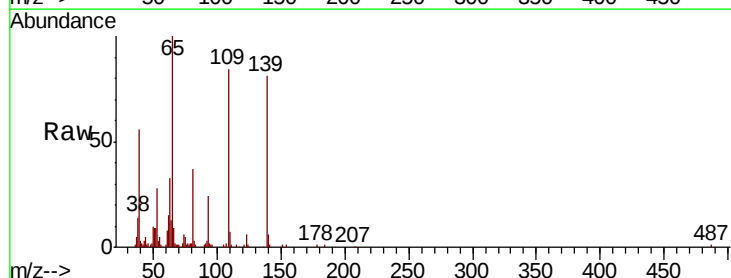
Tgt Ion:139 Resp: 65187

Ion Ratio Lower Upper

139 100

109 103.6 79.6 119.6

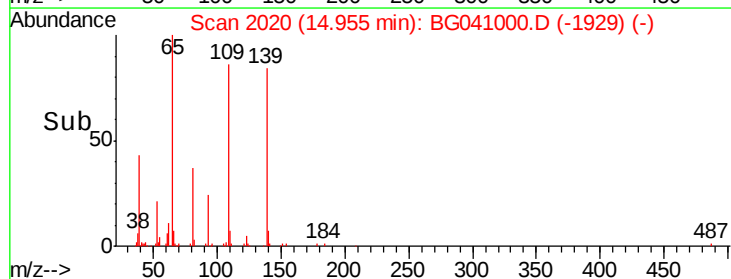
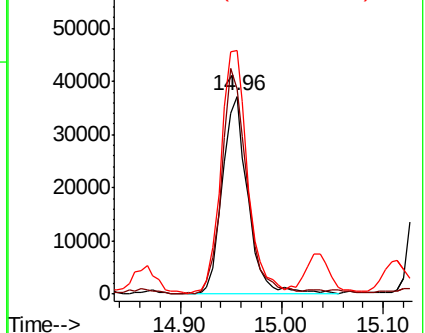
65 122.9 96.9 136.9

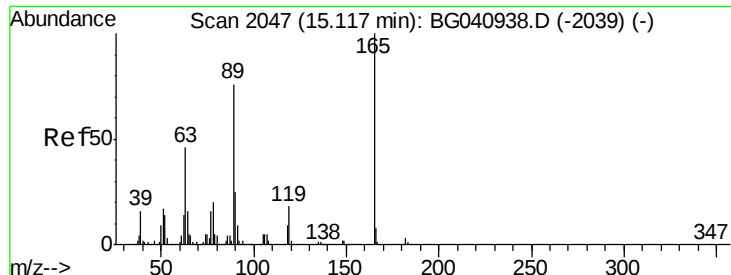


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

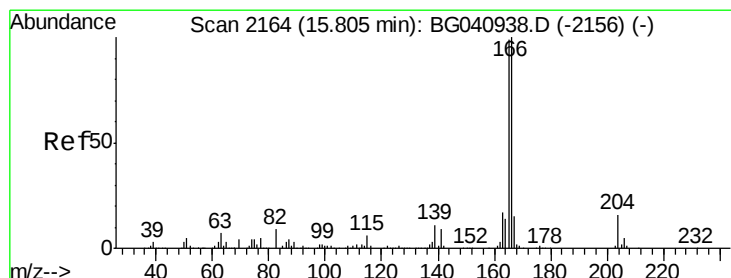
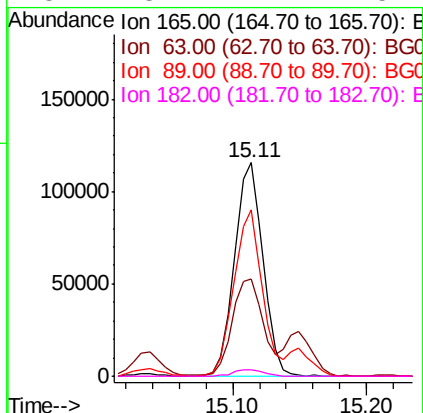
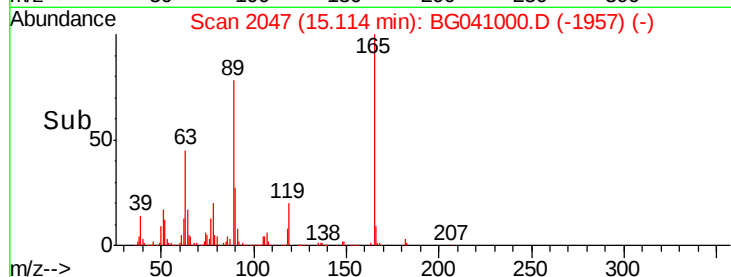
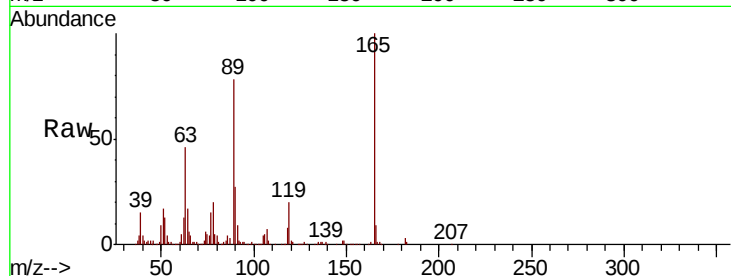




#57
2,4-Dinitrotoluene
Concen: 39.495 ng
RT: 15.11 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

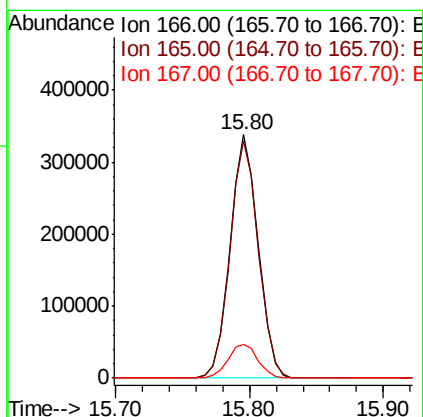
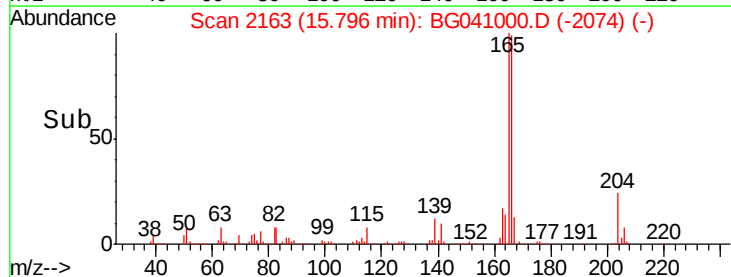
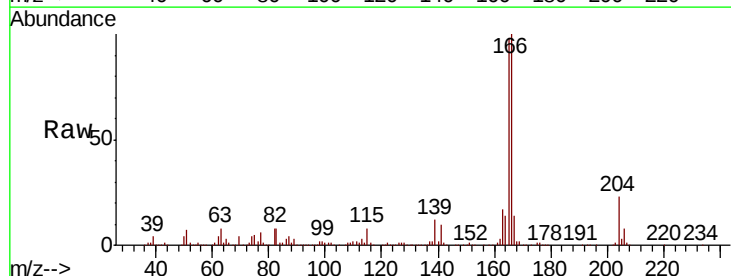
Instrument :
BNA_G
ClientSampleId :

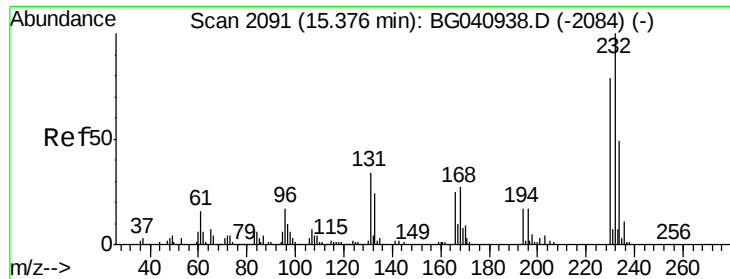
Tot Ion:165 Resp: 171018
Ion Ratio Lower Upper
165 100
63 45.8 37.3 55.9
89 77.6 61.0 91.6
182 3.2 2.2 3.2



#58
Fluorene
Concen: 38.005 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion:166 Resp: 495589
Ion Ratio Lower Upper
166 100
165 97.6 79.2 118.8
167 14.0 11.8 17.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.260 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 182733

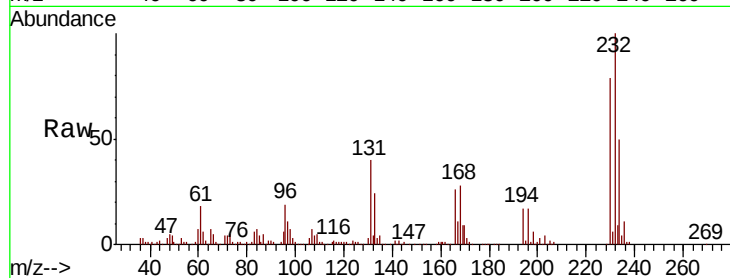
Ion Ratio Lower Upper

232 100

131 37.6 30.3 45.5

130 2.6 1.8 2.8

166 25.2 21.3 31.9

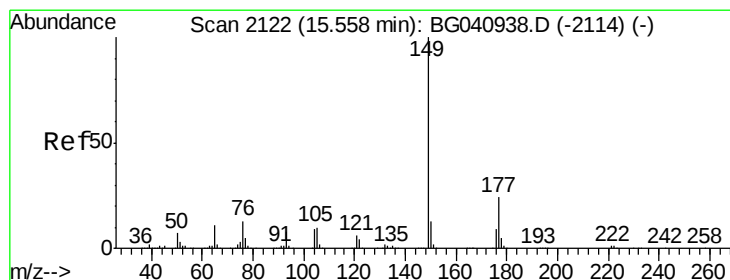
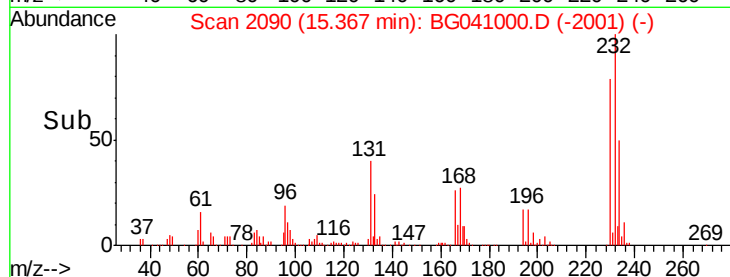
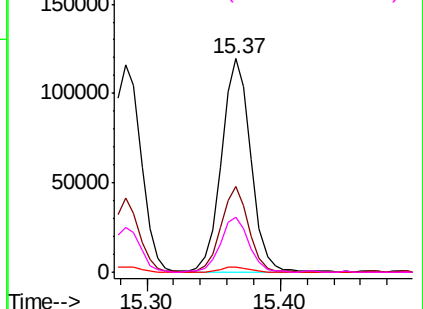


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.135 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

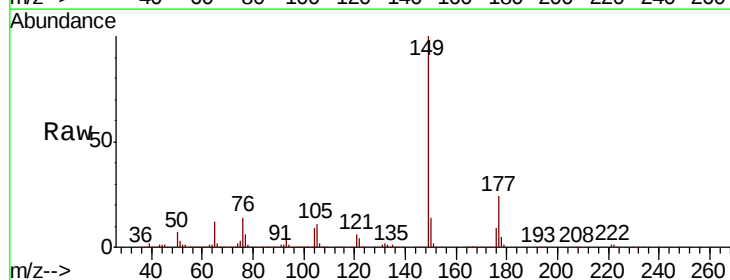
Tgt Ion:149 Resp: 553308

Ion Ratio Lower Upper

149 100

177 24.4 19.4 29.0

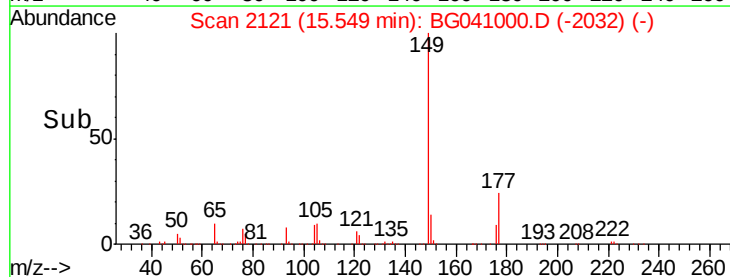
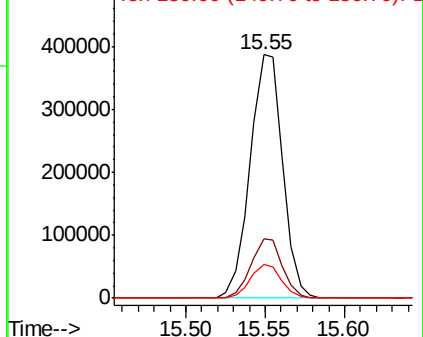
150 14.0 10.3 15.5

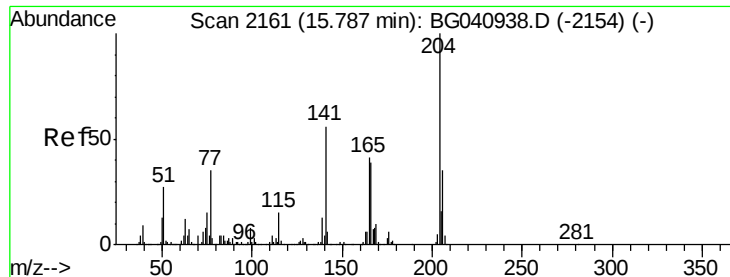


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

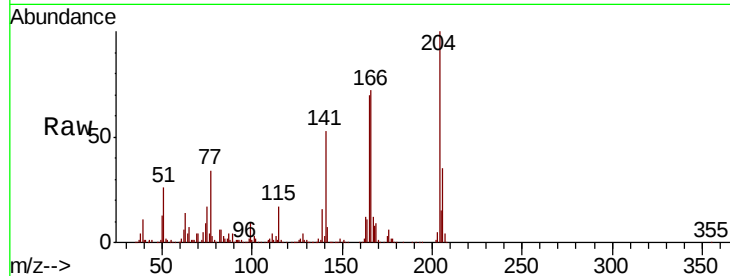




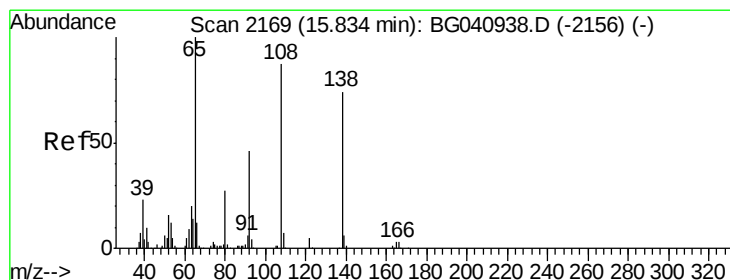
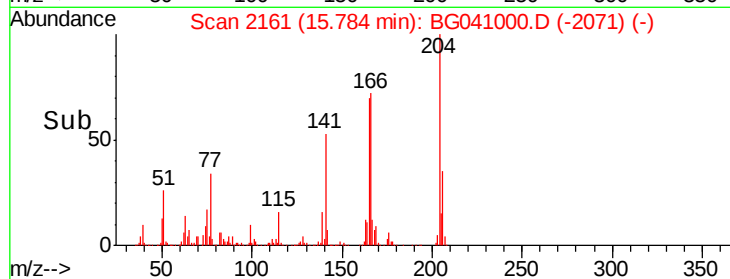
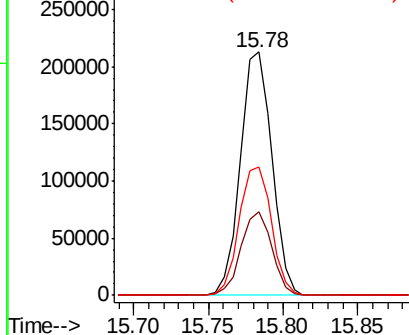
#61
 4-Chlorophenyl-phenylether
 Concen: 36.715 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 311188
 Ion Ratio Lower Upper
 204 100
 206 34.6 27.6 41.4
 141 52.8 45.1 67.7

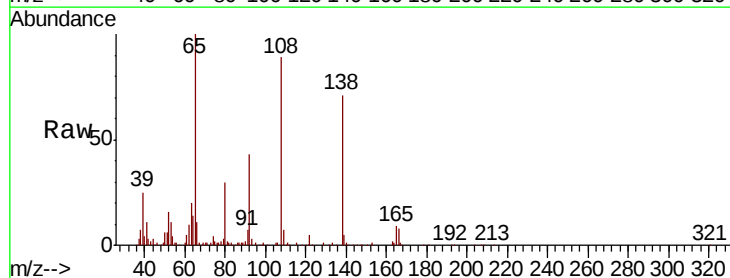


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

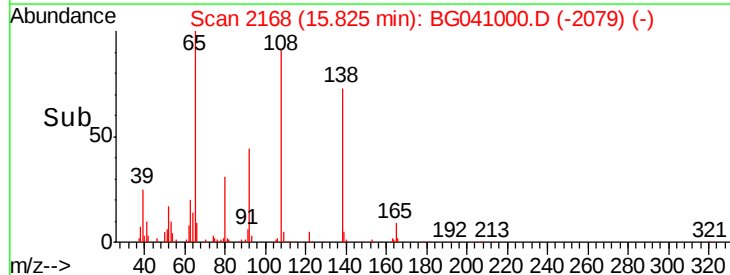
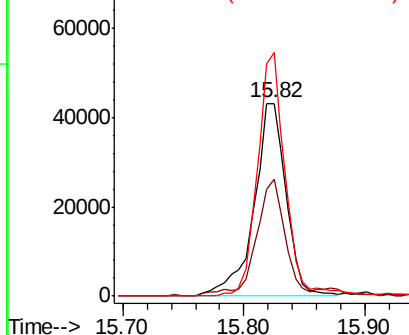


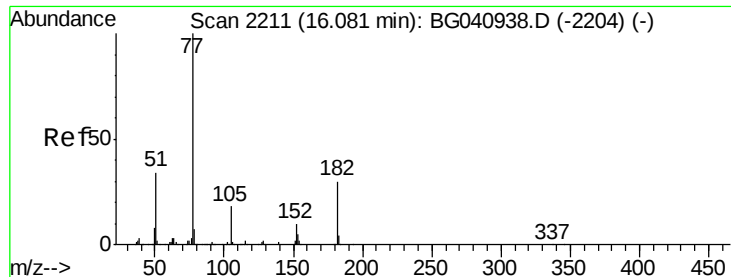
#62
 4-Nitroaniline
 Concen: 24.549 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

Tgt Ion:138 Resp: 79665
 Ion Ratio Lower Upper
 138 100
 92 60.4 42.4 82.4
 108 126.2 96.9 136.9



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

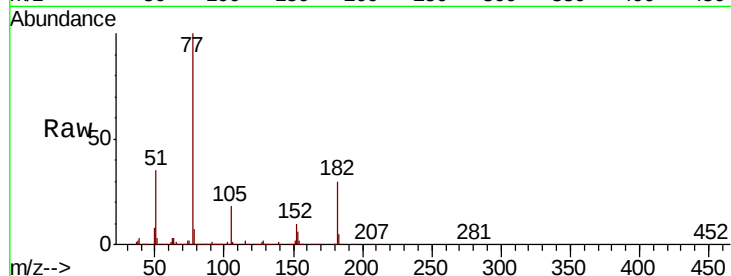




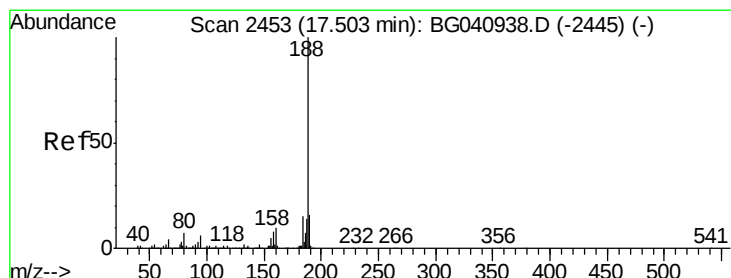
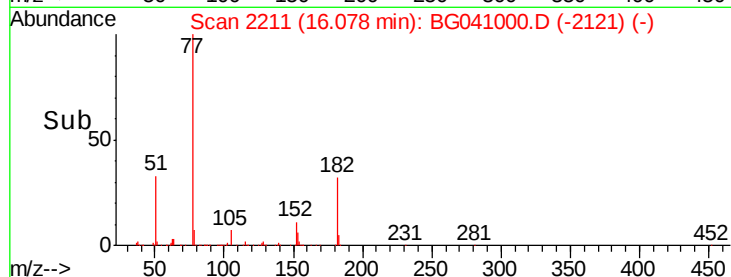
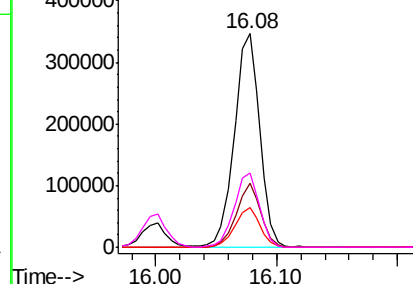
#63
Azobenzene
Concen: 38.216 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.1	9.6	49.6
105	18.3	0.0	37.5
51	34.8	13.7	53.7

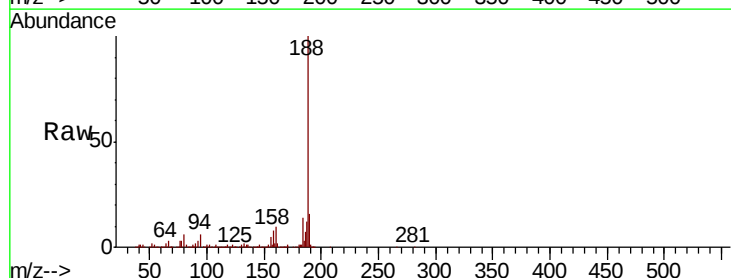


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

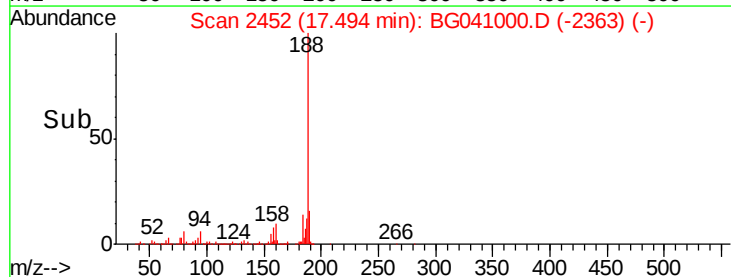
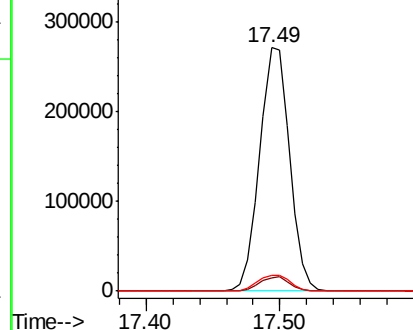


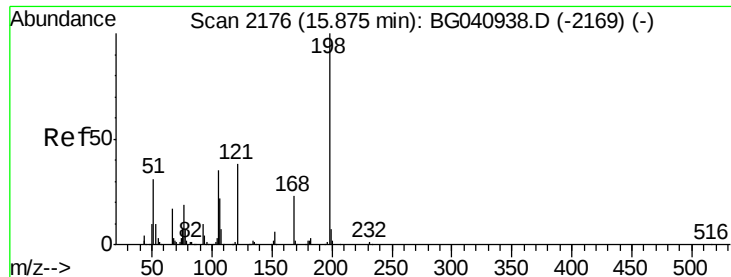
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.4	5.8	8.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.977 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

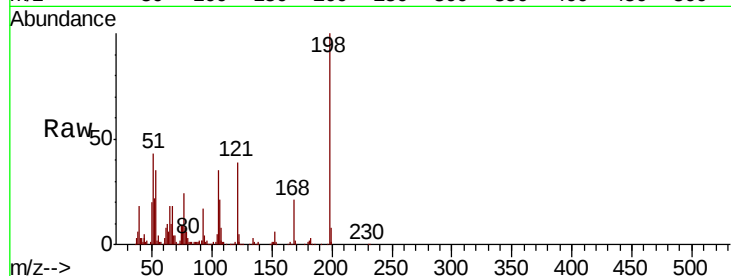
Tot Ion:198 Resp: 99547

Ion Ratio Lower Upper

198 100

51 43.1 21.6 61.6

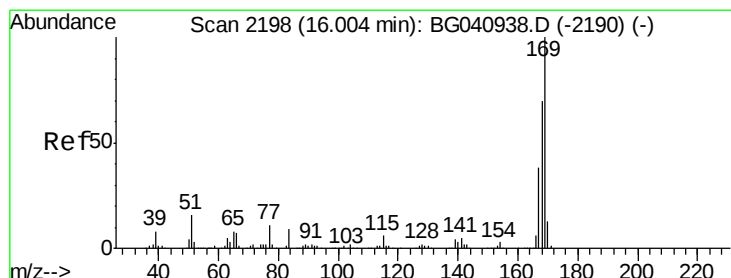
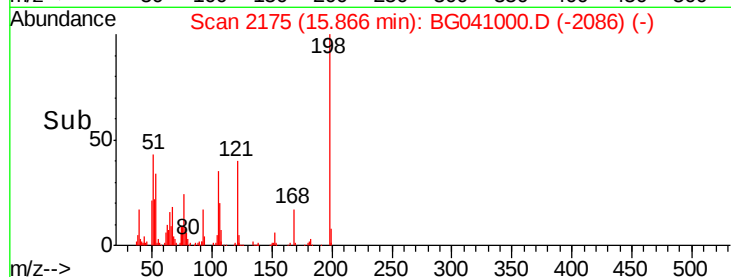
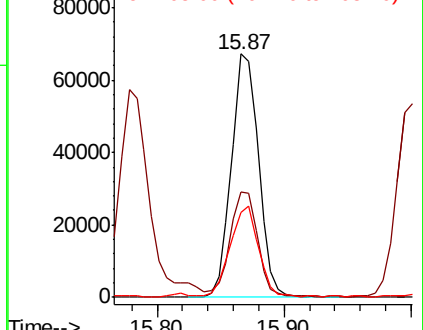
105 35.0 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.165 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

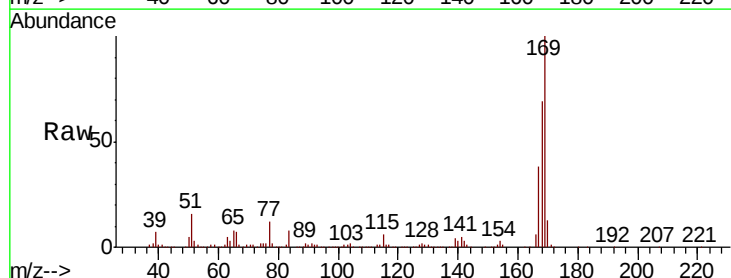
Tgt Ion:169 Resp: 461493

Ion Ratio Lower Upper

169 100

168 69.3 55.7 83.5

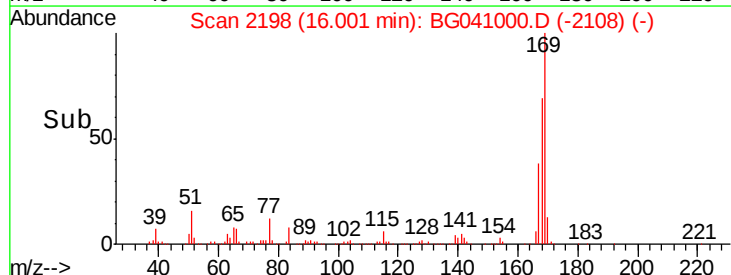
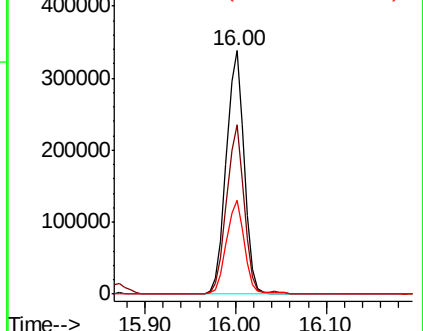
167 38.3 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

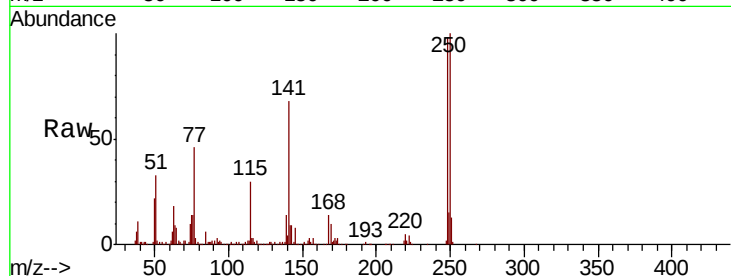




#67
4-Bromophenyl-phenylether
Concen: 36.232 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.2	75.0	112.4
141	69.0	52.4	78.6

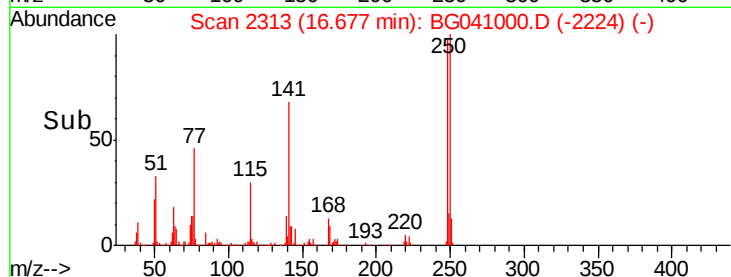
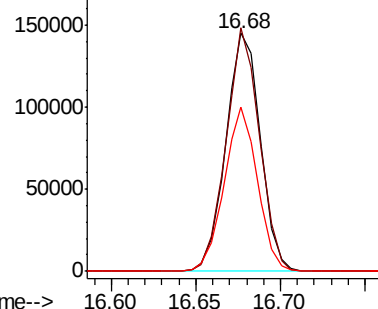


Abundance

Ion 248.00 (247.70 to 248.70): E

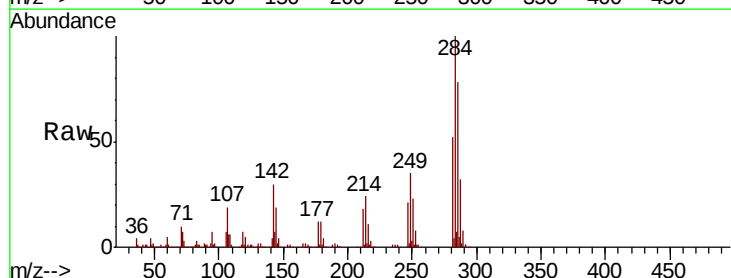
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.657 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	23.9	35.9
249	34.9	26.8	40.2

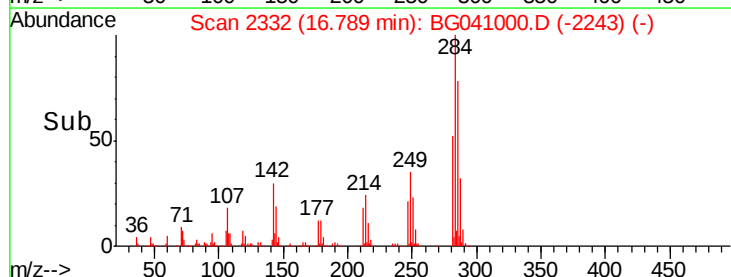
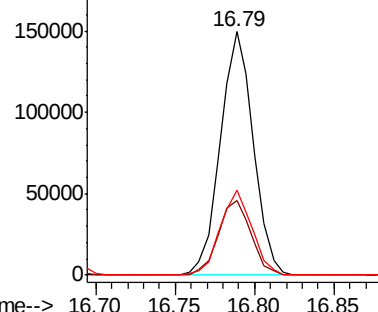


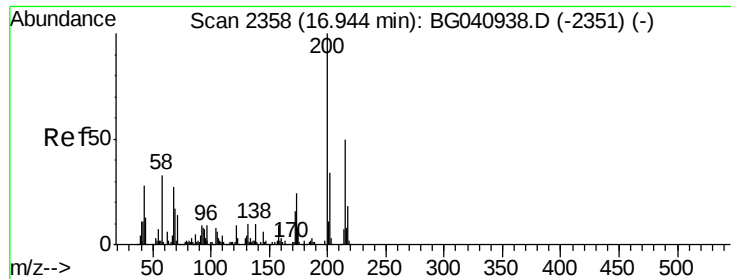
Abundance

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: 41.754 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

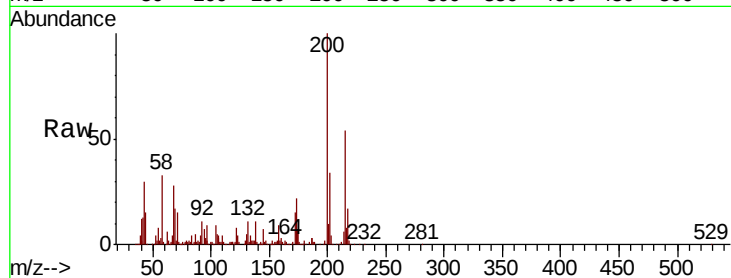
Tot Ion:200 Resp: 189841

Ion Ratio Lower Upper

200 100

173 21.8 3.6 43.6

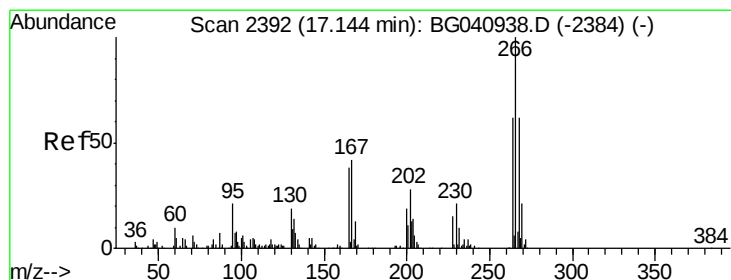
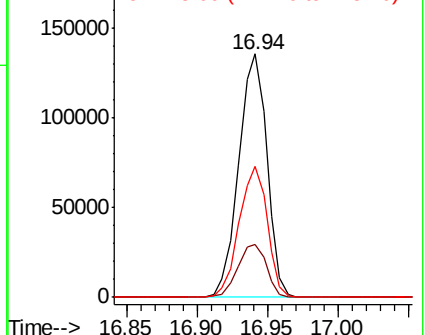
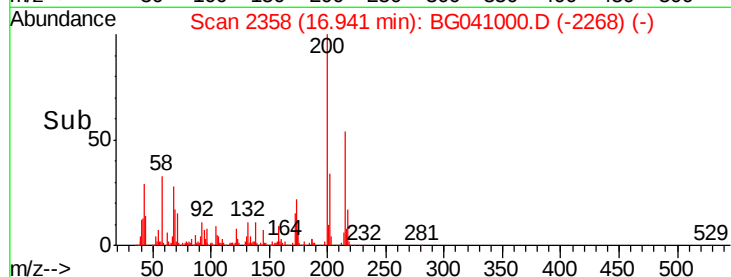
215 53.6 29.6 69.6



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: 82.416 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

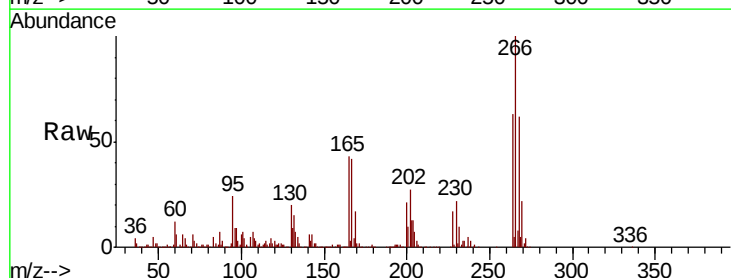
Tgt Ion:266 Resp: 266385

Ion Ratio Lower Upper

266 100

268 62.4 53.1 79.7

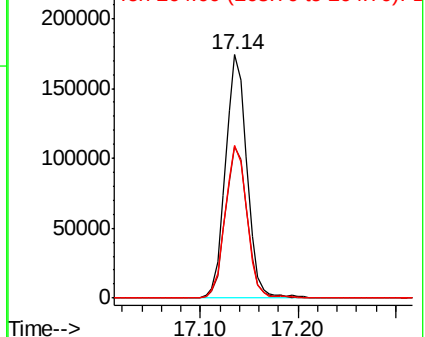
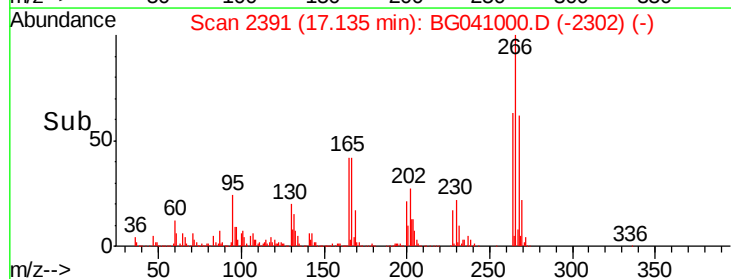
264 62.7 49.9 74.9

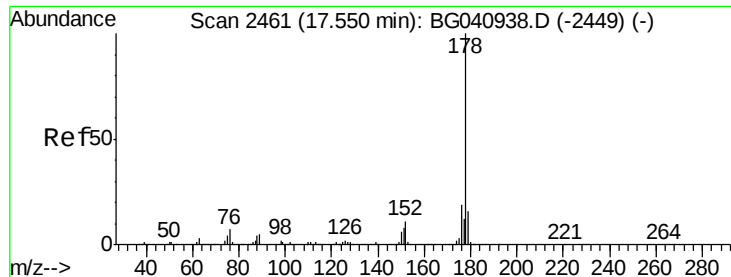


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

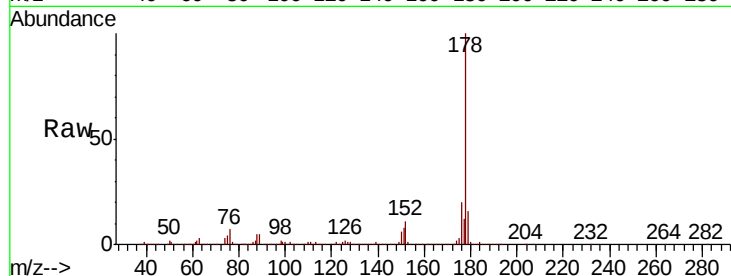




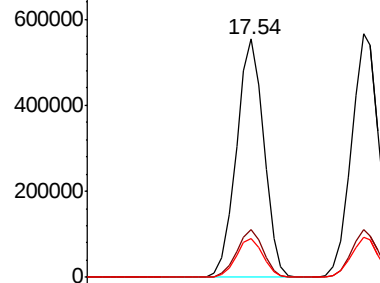
#71
Phenanthrene
Concen: 38.237 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :

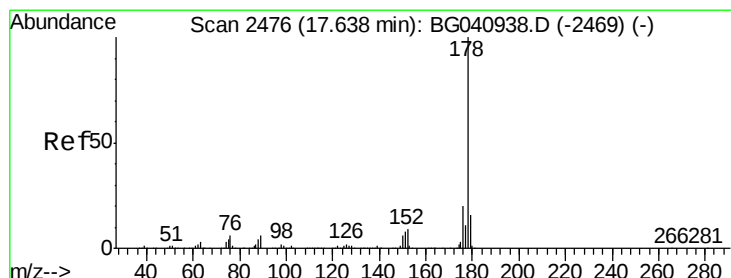
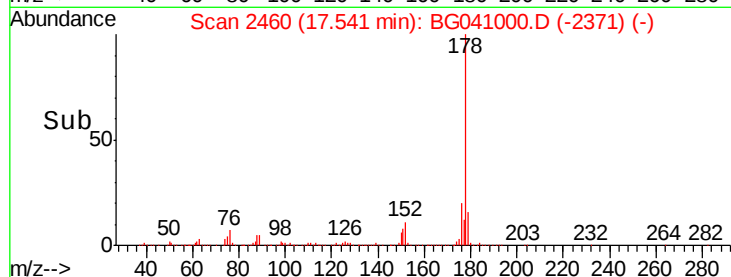
Tot Ion:178 Resp: 834860
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 16.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

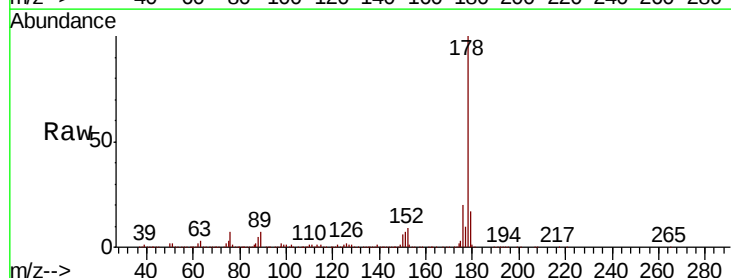


Time-->

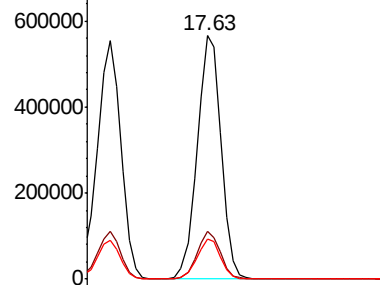


#72
Anthracene
Concen: 39.639 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

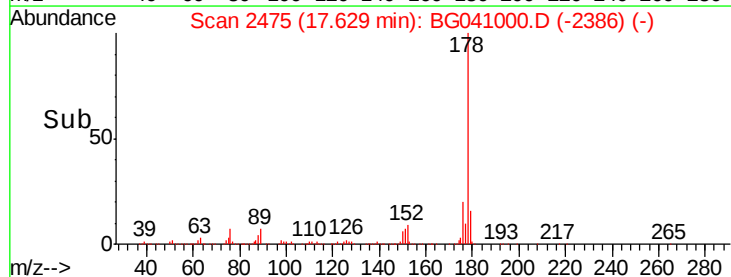
Tgt Ion:178 Resp: 853592
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.5 13.0 19.4

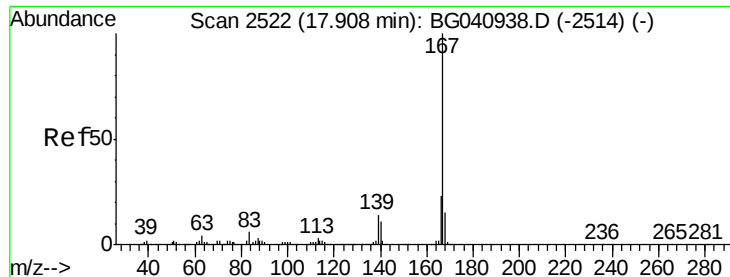


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

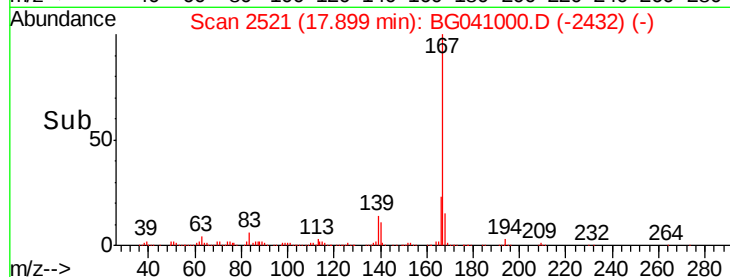
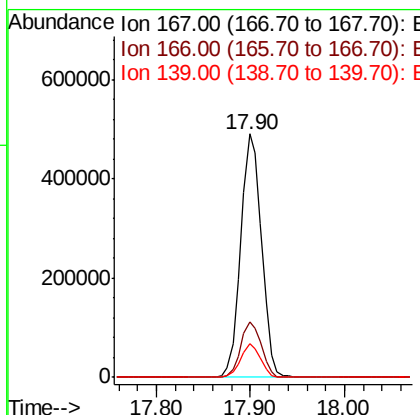
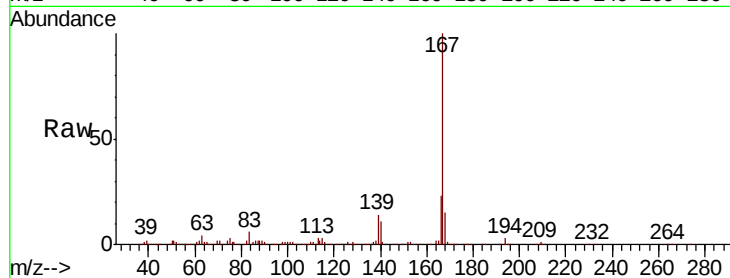




#73
 Carbazole
 Concen: 40.736 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

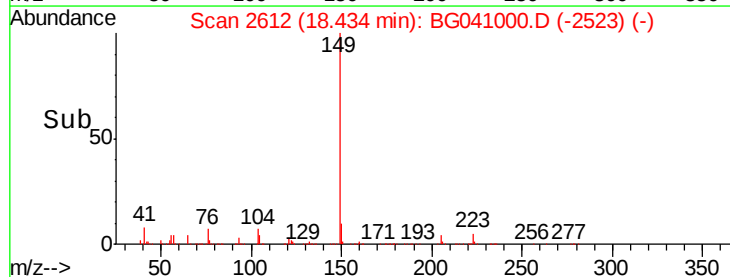
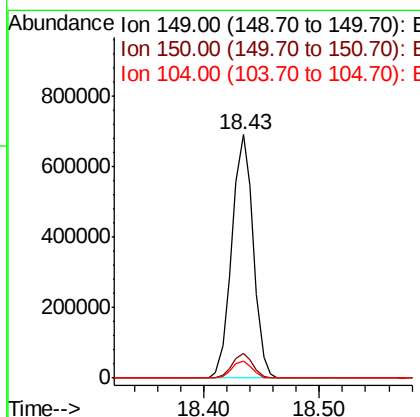
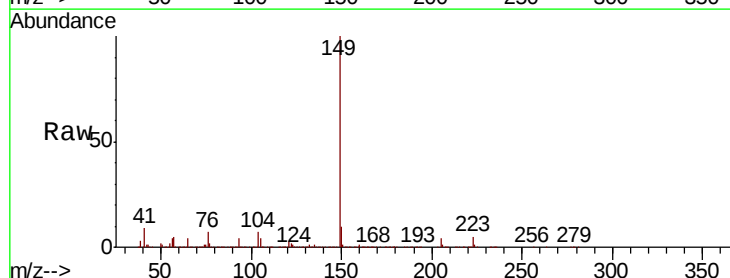
Instrument :
 BNA_G
 ClientSampleId :

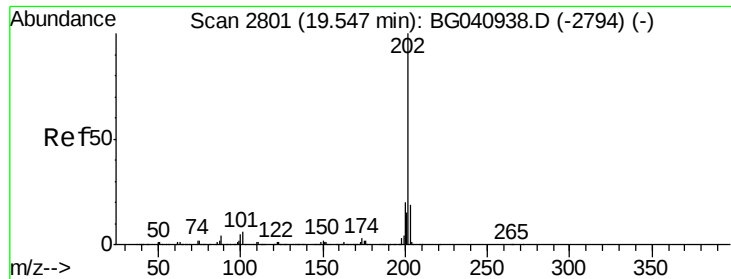
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 38.312 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG041000.D
 Acq: 1 Jun 2019 6:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.4	11.2
104	7.0	5.0	7.4





#75

Fluoranthene

Concen: 39.678 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

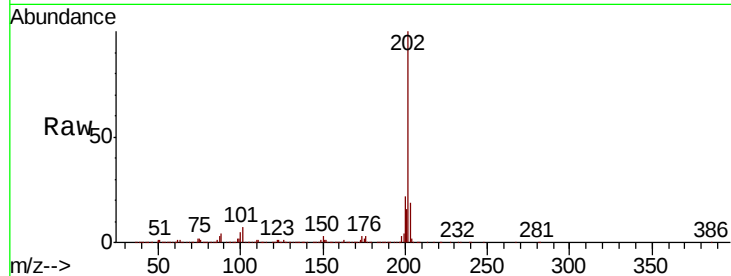
Tot Ion:202 Resp: 1070059

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.2

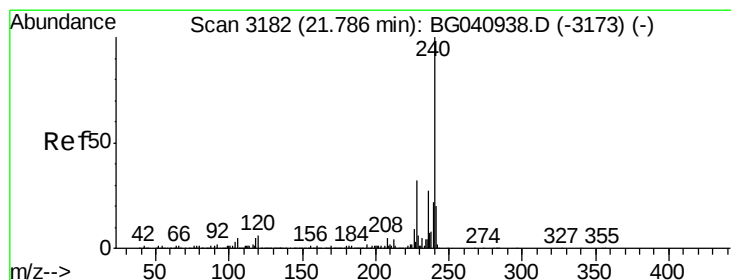
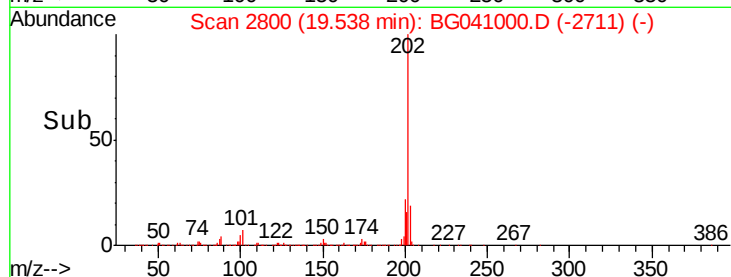
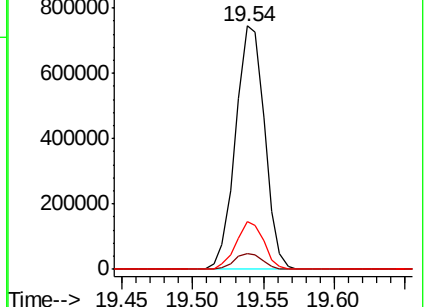
203 19.5 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

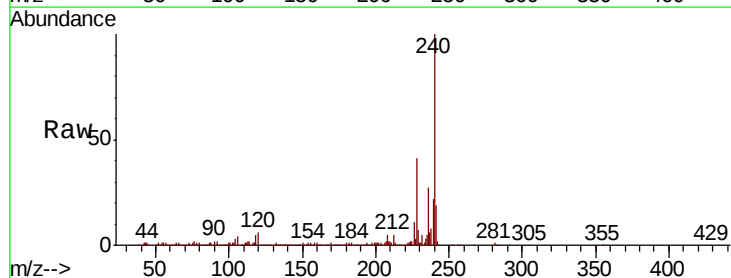
Tgt Ion:240 Resp: 414702

Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

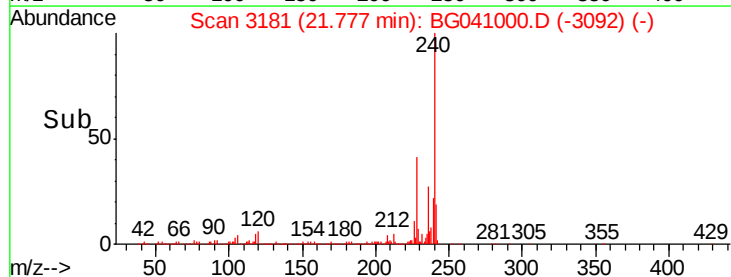
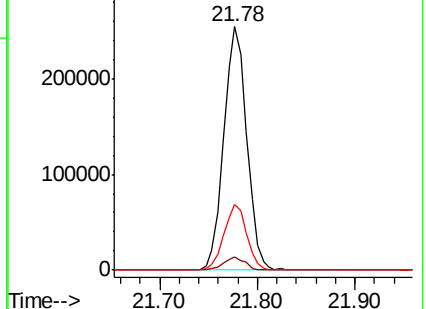
236 26.9 21.3 31.9



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: 2.551 ng

RT: 20.09 min Scan# 2894

Delta R.T. 0.36 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampled :

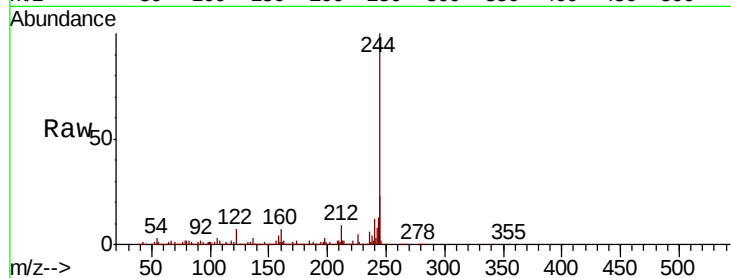
Tot Ion:184 Resp: 25234

Ion Ratio Lower Upper

184 100

185 23.0 13.3 19.9#

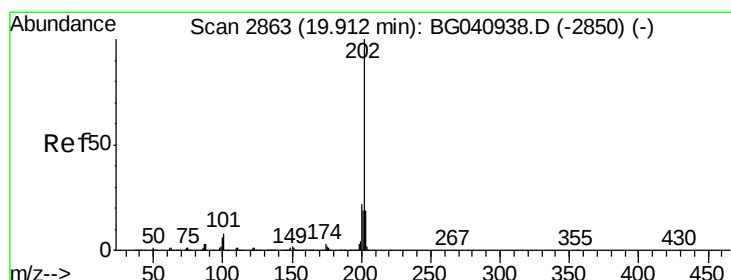
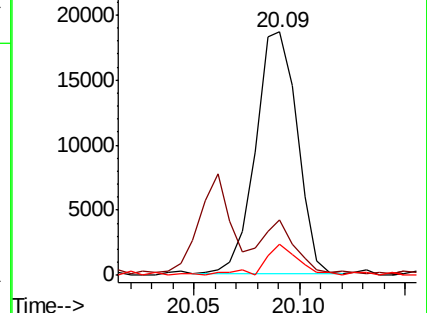
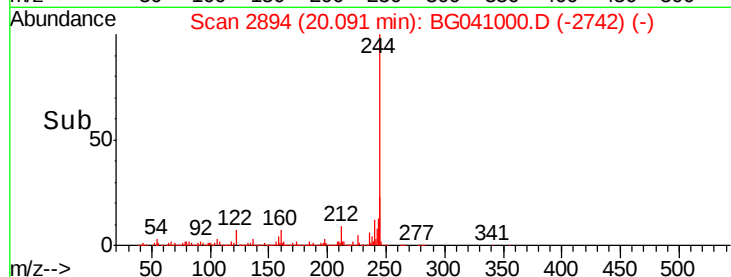
183 12.9 10.7 16.1



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: 39.782 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

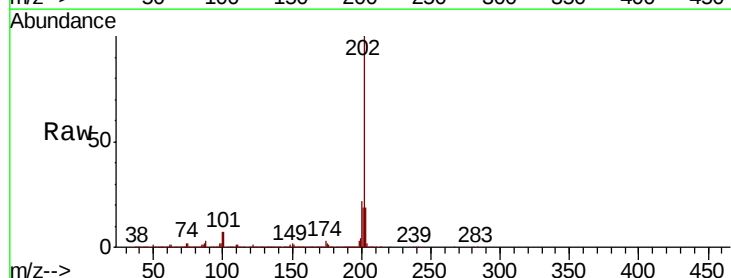
Tgt Ion:202 Resp: 1072456

Ion Ratio Lower Upper

202 100

200 22.1 17.5 26.3

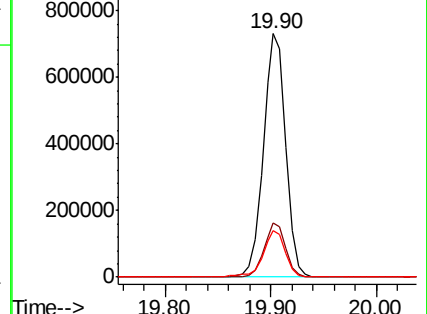
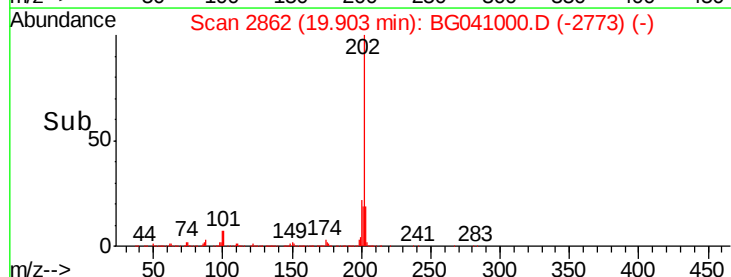
203 19.3 15.6 23.4



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: 74.999 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampled :

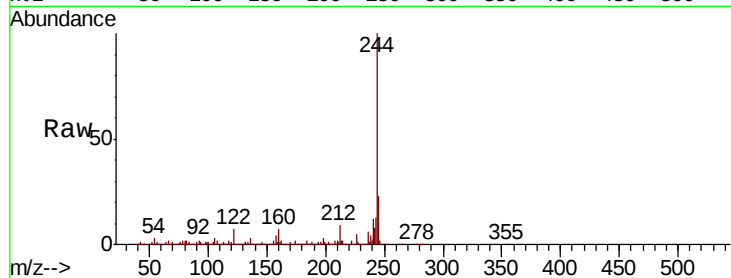
Tot Ion:244 Resp: 1465461

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

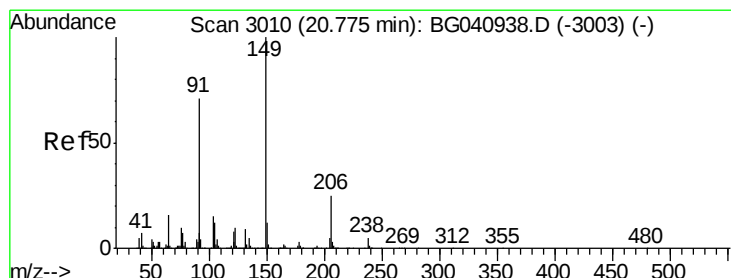
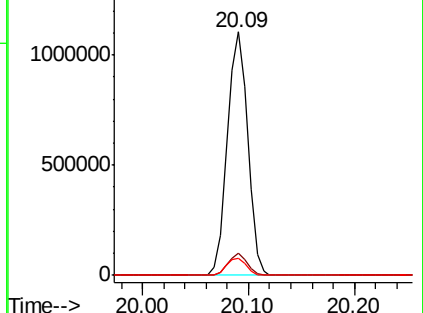
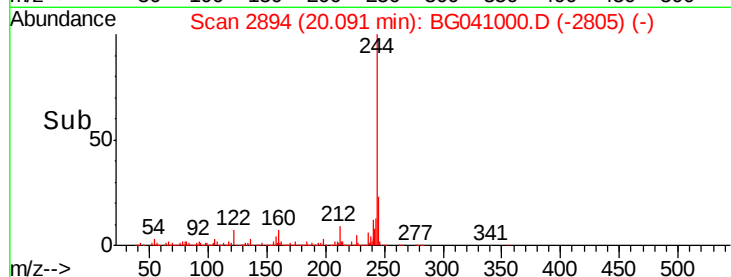
122 6.9 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.230 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

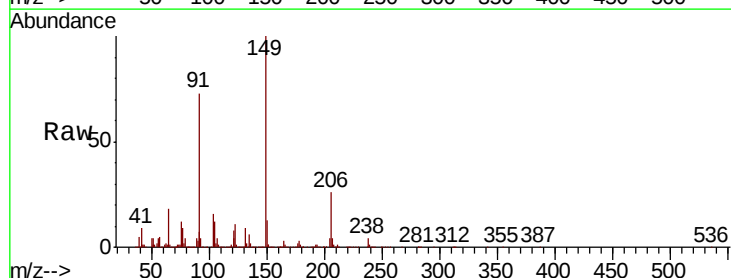
Tgt Ion:149 Resp: 401077

Ion Ratio Lower Upper

149 100

91 73.3 56.5 84.7

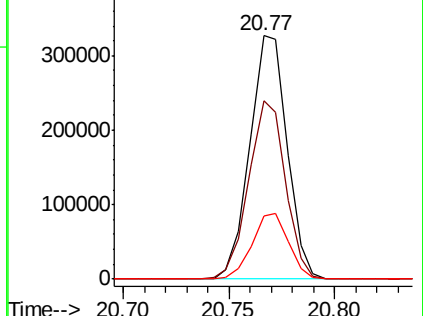
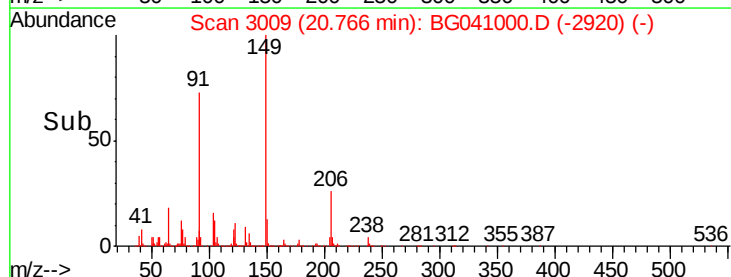
206 25.9 20.3 30.5

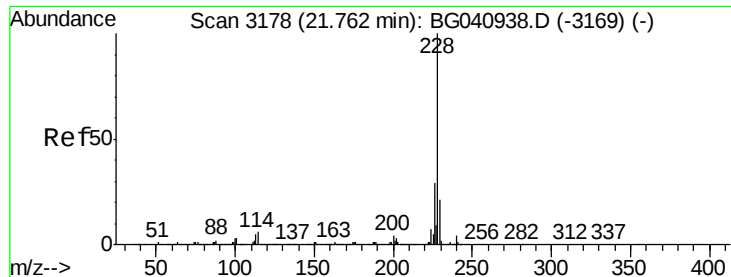


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

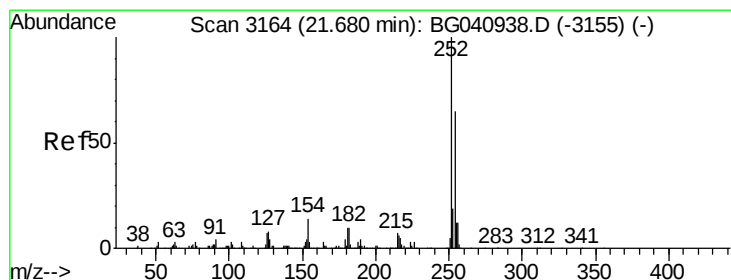
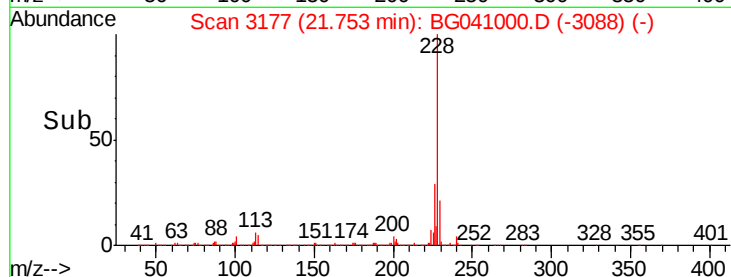
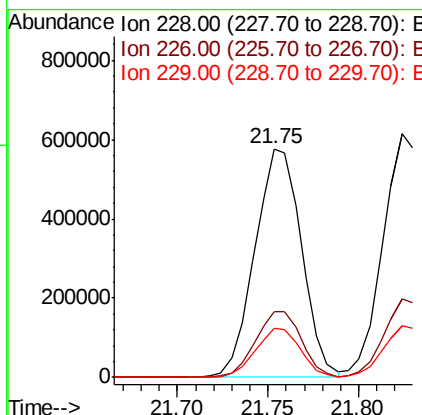
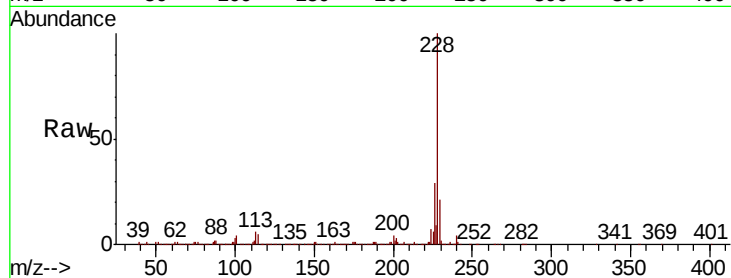




#81
Benzo(a)anthracene
Concen: 37.349 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

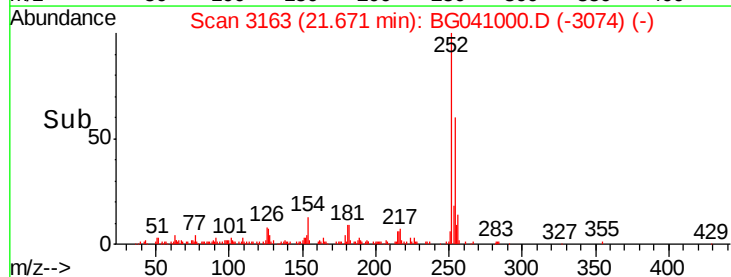
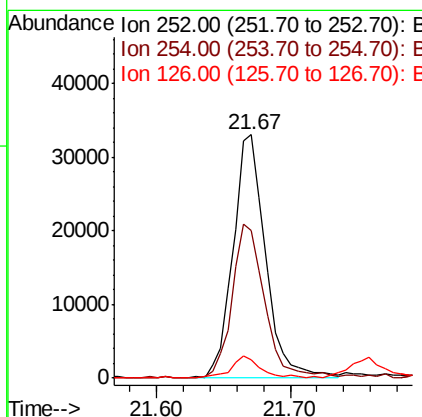
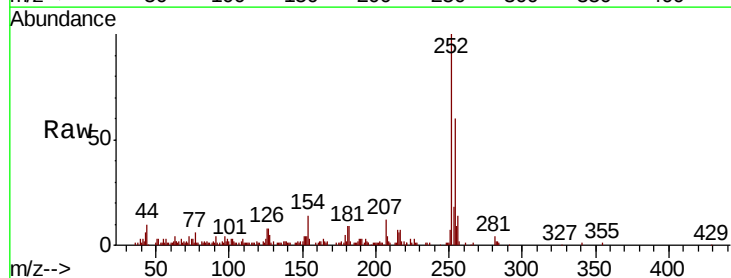
Instrument :
BNA_G
ClientSampleId :

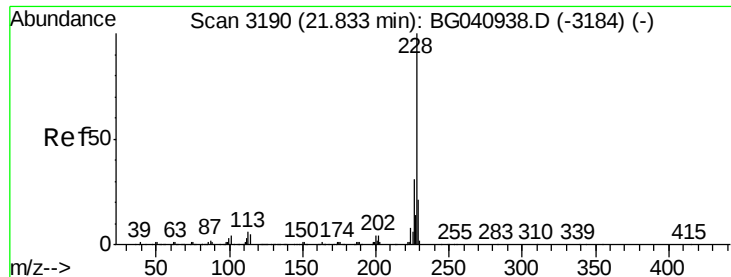
Tot Ion:228 Resp: 1031011
Ion Ratio Lower Upper
228 100
226 28.8 23.5 35.3
229 21.2 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 5.782 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion:252 Resp: 56135
Ion Ratio Lower Upper
252 100
254 60.4 52.1 78.1
126 7.7 5.5 8.3





#83

Chrysene

Concen: 38.570 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

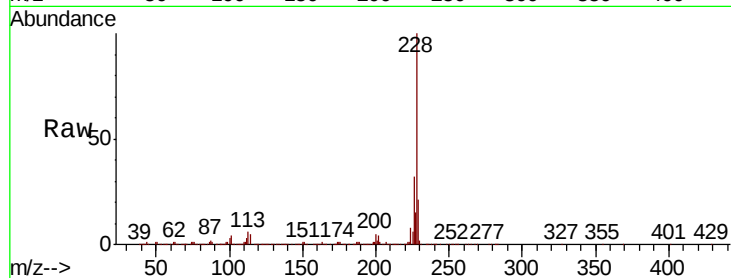
Tot Ion:228 Resp: 1018903

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.6	37.0
229	21.3	16.6	24.8

228 100

226 32.0 24.6 37.0

229 21.3 16.6 24.8

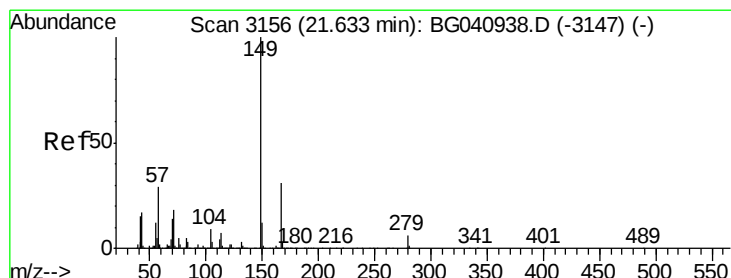
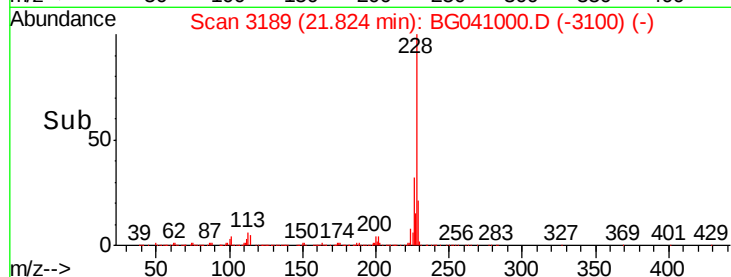
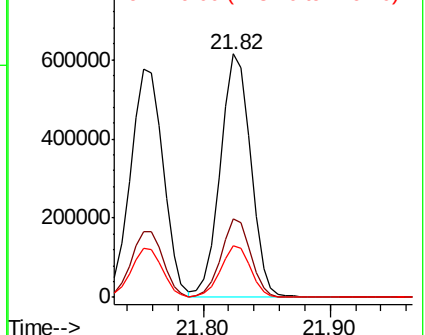


Abundance

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: 38.487 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

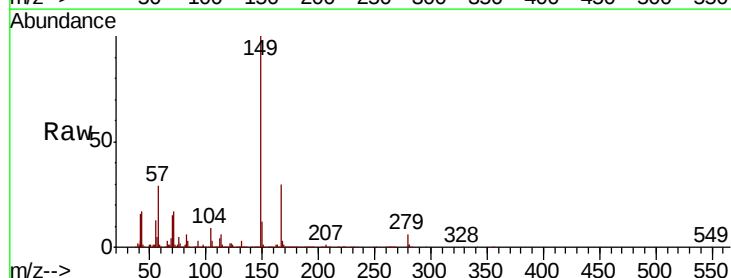
Tgt Ion:149 Resp: 568393

Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.6	37.0
279	6.1	5.0	7.6

149 100

167 30.5 24.6 37.0

279 6.1 5.0 7.6

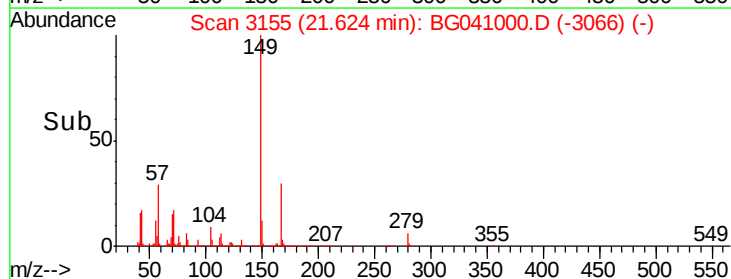
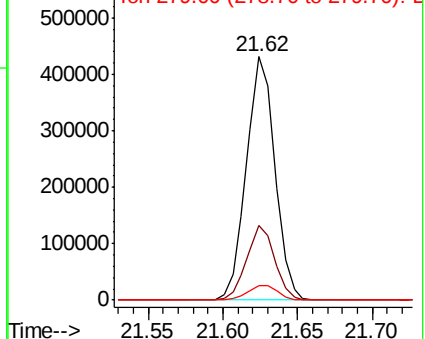


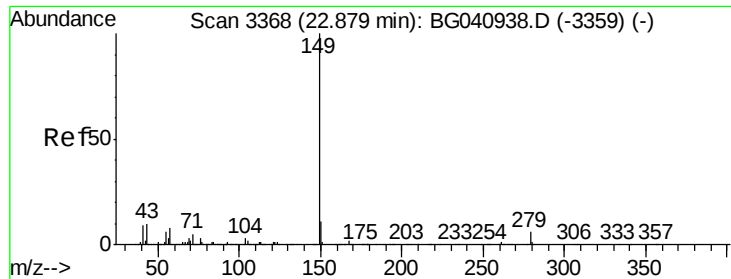
Abundance

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: 38.526 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

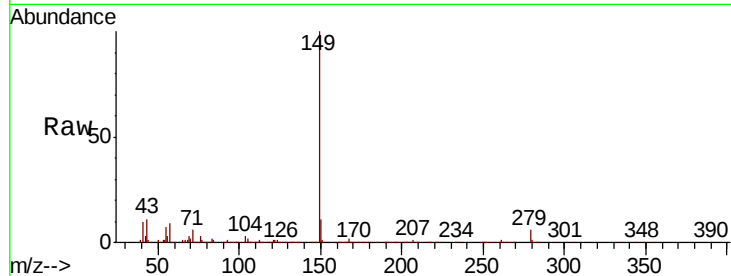
Tot Ion:149 Resp: 947591

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

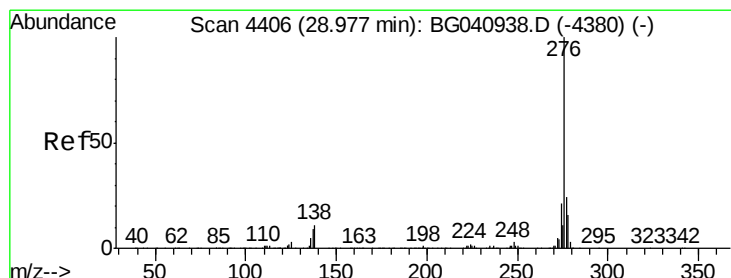
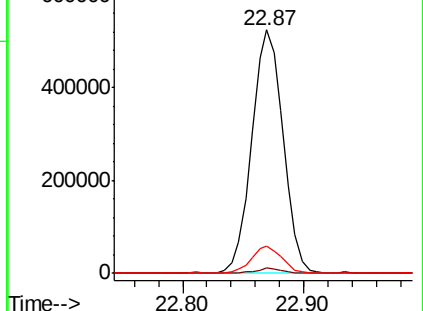
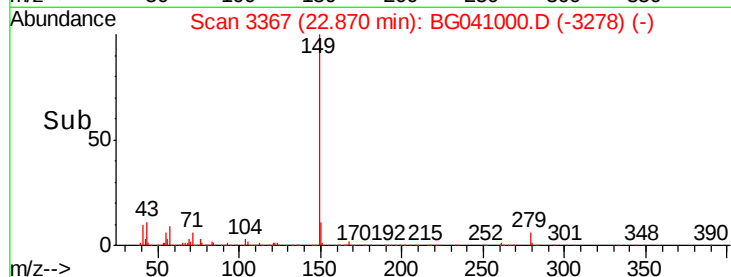
43 10.5 8.1 12.1



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: 38.203 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

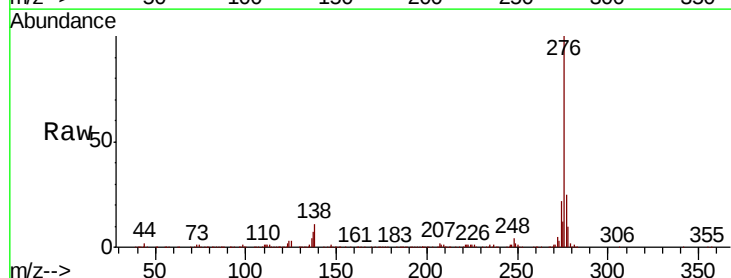
Tgt Ion:276 Resp: 1236265

Ion Ratio Lower Upper

276 100

138 9.4 5.7 8.5#

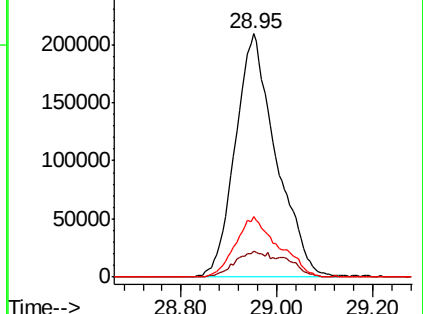
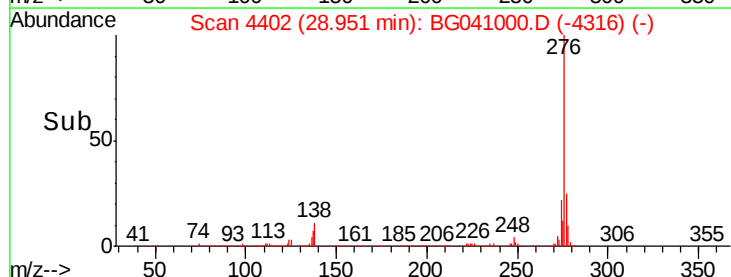
277 26.0 20.8 31.2

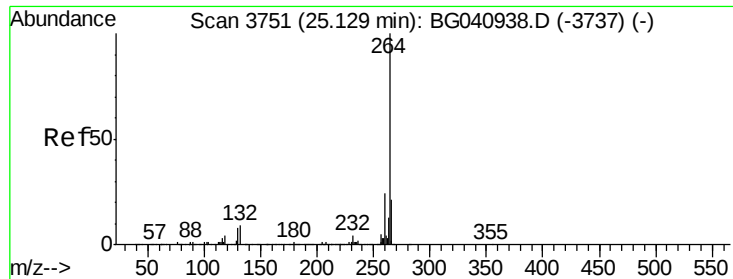


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.11 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampleId :

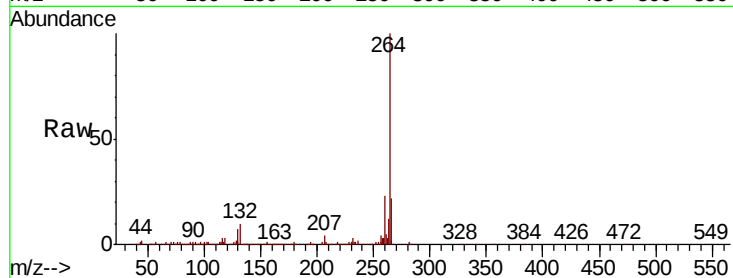
Tot Ion:264 Resp: 449596

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

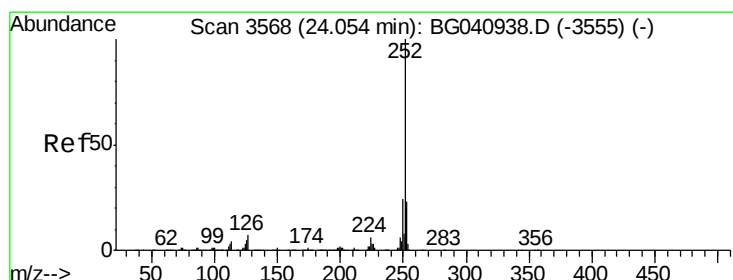
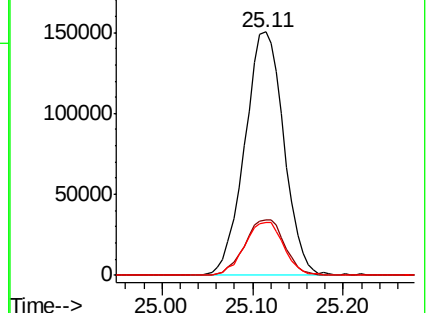
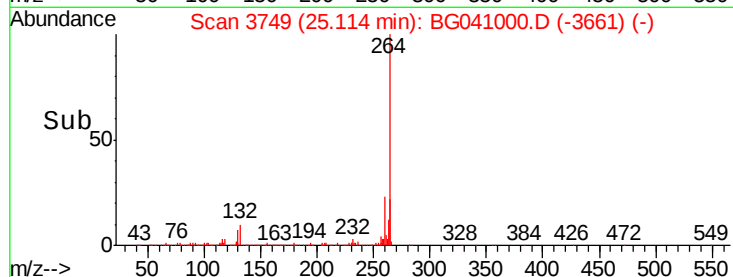
265 21.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.996 ng

RT: 24.04 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

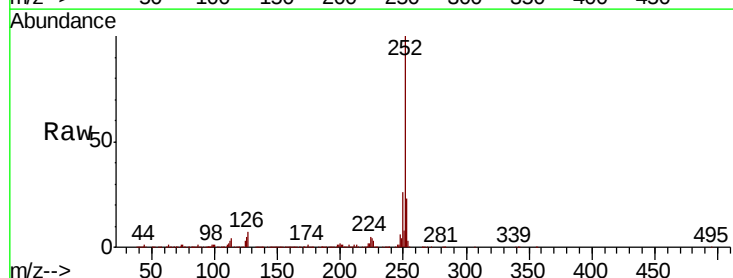
Tgt Ion:252 Resp: 1063402

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

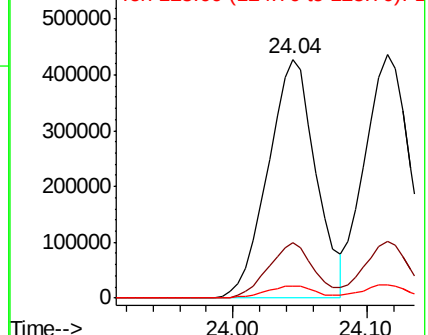
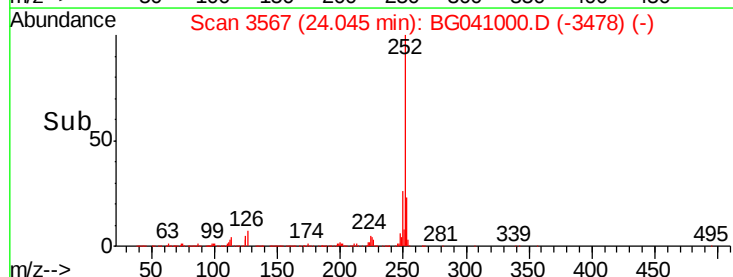
125 5.2 4.3 6.5

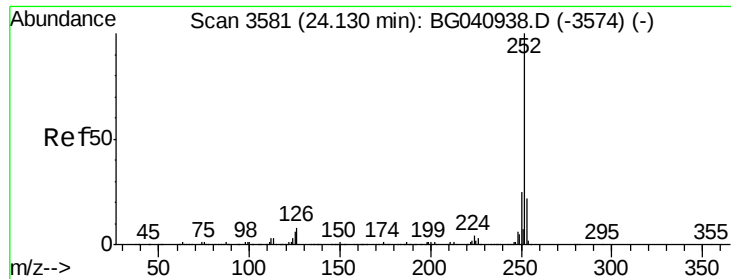


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.799 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

Instrument :

BNA_G

ClientSampled :

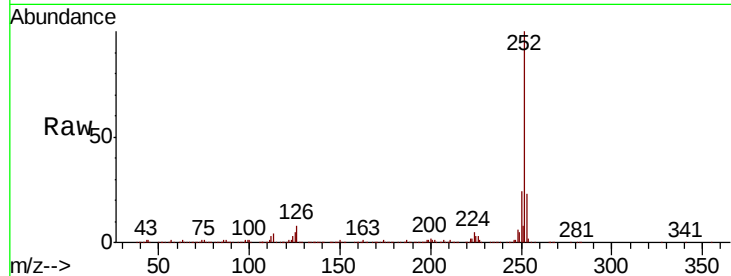
Tot Ion:252 Resp: 1020016

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

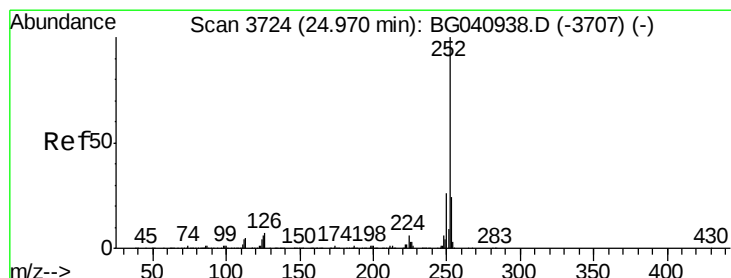
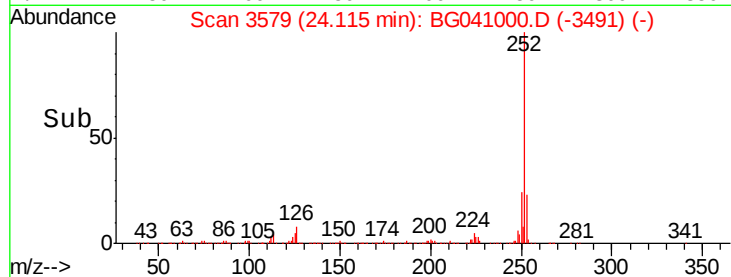
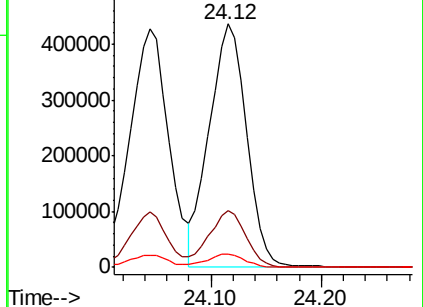
125 5.5 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.492 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG041000.D

Acq: 1 Jun 2019 6:39

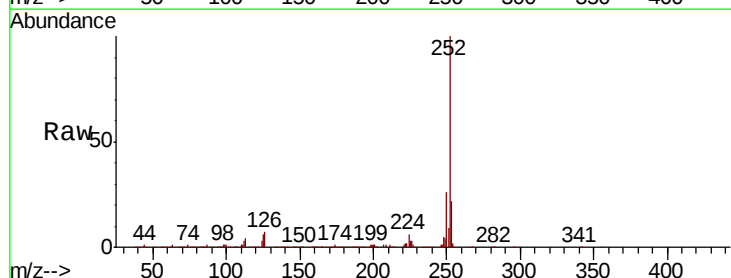
Tgt Ion:252 Resp: 1027474

Ion Ratio Lower Upper

252 100

253 22.2 19.5 29.3

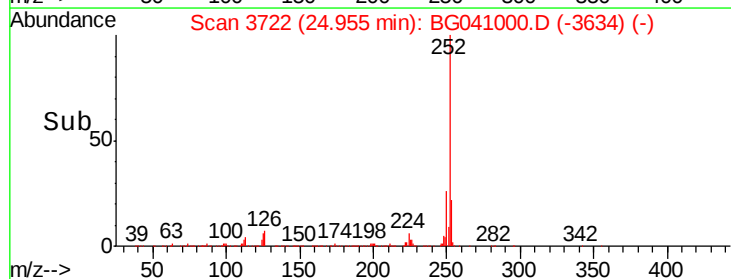
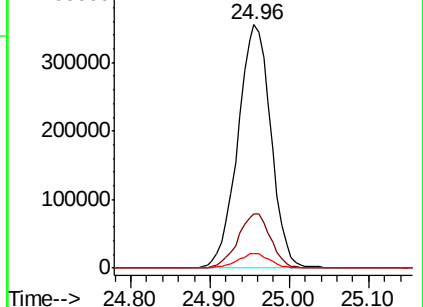
125 6.0 5.1 7.7

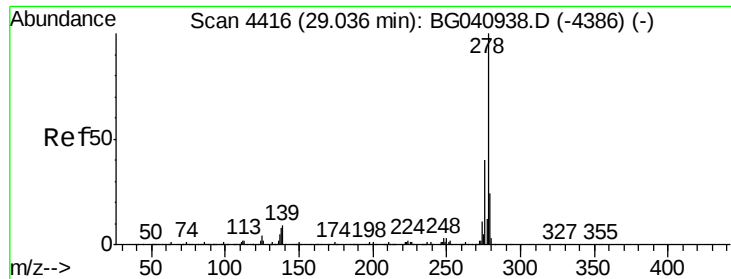


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

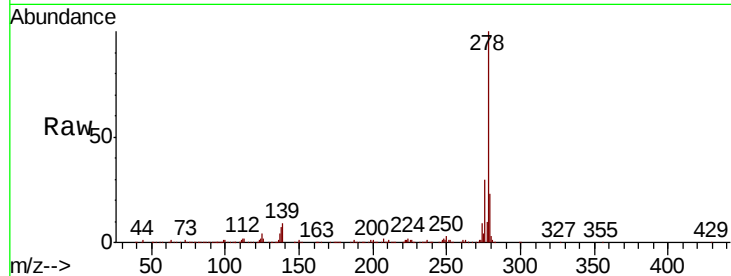




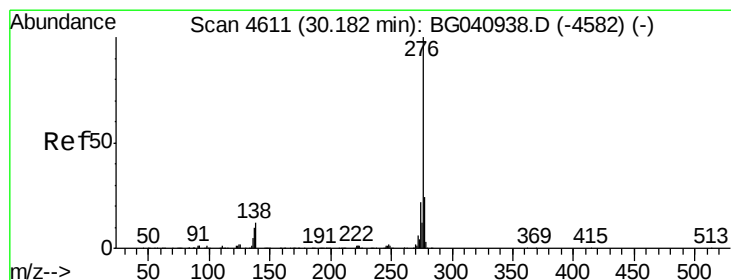
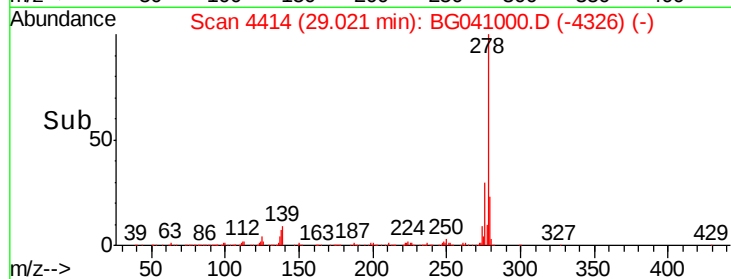
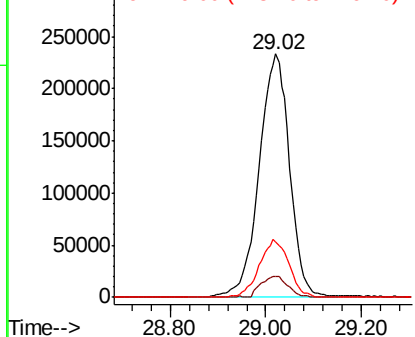
#91
Dibenzo(a,h)anthracene
Concen: 39.482 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1026403
Ion Ratio Lower Upper
278 100
139 8.6 7.1 10.7
279 22.8 19.4 29.2

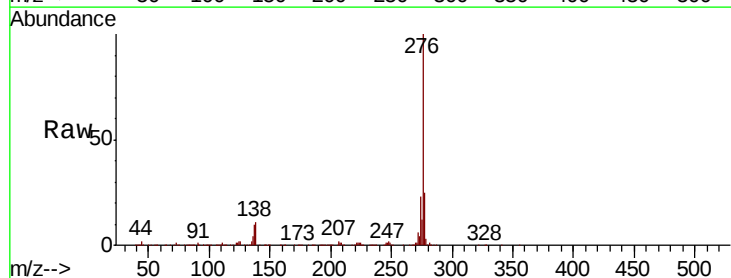


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.799 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG041000.D
Acq: 1 Jun 2019 6:39

Tgt Ion:276 Resp: 1030434
Ion Ratio Lower Upper
276 100
277 25.0 19.4 29.0
138 10.7 9.7 14.5



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

