

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041322.D
 Acq On : 19 Jun 2019 11:15
 Operator : HP/JU
 Sample : PB120669BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 13:46:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33928	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	136148	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	99068	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	263905	20.00	ng	0.00
76) Chrysene-d12	21.74	240	277389	20.00	ng	0.00
87) Perylene-d12	25.05	264	269069	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	283607	153.59	ng	0.00
7) Phenol-d6	7.23	99	425853	159.11	ng	0.00
23) Nitrobenzene-d5	9.26	82	296399	91.56	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	231931	152.49	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	684923	93.97	ng	0.00
79) Terphenyl-d14	20.06	244	1300890	92.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	30149	32.561	ng	93
3) Pyridine	3.88	79	85817	34.937	ng	96
4) n-Nitrosodimethylamine	3.80	42	55592	42.439	ng	95
6) Aniline	7.40	93	70203	18.870	ng	98
8) 2-Chlorophenol	7.64	128	103809	47.846	ng	99
9) Benzaldehyde	7.22	77	34324	20.050	ng	90
10) Phenol	7.26	94	139274	48.389	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	90126	41.269	ng	97
12) 1,3-Dichlorobenzene	7.96	146	109500	40.307	ng	94
13) 1,4-Dichlorobenzene	8.11	146	112163	40.419	ng	96
14) 1,2-Dichlorobenzene	8.43	146	107606	40.598	ng	94
15) Benzyl Alcohol	8.32	79	111680	43.550	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	142459	39.849	ng	98
17) 2-Methylphenol	8.52	107	96395	46.846	ng	98
18) Hexachloroethane	9.16	117	43855	39.880	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	91036	42.054	ng	99
20) 3+4-Methylphenols	8.85	107	134483	49.094	ng	96
22) Acetophenone	8.91	105	169523	42.788	ng	# 96
24) Nitrobenzene	9.30	77	144292	44.318	ng	99
25) Isophorone	9.82	82	256165	43.131	ng	99
26) 2-Nitrophenol	10.01	139	61333	46.465	ng	96
27) 2,4-Dimethylphenol	10.06	122	104115	52.621	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	130181	42.067	ng	94
29) 2,4-Dichlorophenol	10.55	162	122566	49.960	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	134861	42.922	ng	97
31) Naphthalene	10.95	128	330533	44.670	ng	98
32) Benzoic acid	10.22	122	63777	49.516	ng	93
33) 4-Chloroaniline	11.07	127	52870	16.824	ng	94
34) Hexachlorobutadiene	11.21	225	97962	39.279	ng	97
35) Caprolactam	11.87	113	26735	31.655	ng	# 82
36) 4-Chloro-3-methylphenol	12.18	107	137724	48.601	ng	98
37) 2-Methylnaphthalene	12.55	142	246100	45.157	ng	97
38) 1-Methylnaphthalene	12.77	142	241577	46.331	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	188801	46.153	ng	99

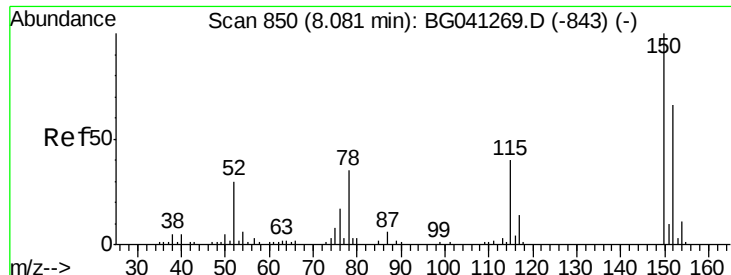
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041322.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	182145	66.102	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	119927	47.390	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	127700	49.043	ng	98
46) 1,1'-Biphenyl	13.55	154	338226	45.160	ng	97
47) 2-Chloronaphthalene	13.60	162	282935	43.879	ng	98
48) 2-Nitroaniline	13.81	65	101999	43.192	ng	94
49) Acenaphthylene	14.44	152	445048	45.484	ng	100
50) Dimethylphthalate	14.17	163	382821	43.430	ng	99
51) 2,6-Dinitrotoluene	14.30	165	85565	46.037	ng	93
52) Acenaphthene	14.78	154	257420	44.803	ng	97
53) 3-Nitroaniline	14.64	138	51770	28.272	ng	# 95
54) 2,4-Dinitrophenol	14.84	184	97748	73.557	ng	95
55) Dibenzofuran	15.11	168	460435	46.091	ng	99
56) 4-Nitrophenol	14.94	139	128250	91.702	ng	97
57) 2,4-Dinitrotoluene	15.08	165	123315	45.388	ng	96
58) Fluorene	15.76	166	360077	45.821	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	133080	49.423	ng	# 98
60) Diethylphthalate	15.52	149	384726	42.941	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	228310	44.654	ng	97
62) 4-Nitroaniline	15.80	138	81964	41.850	ng	97
63) Azobenzene	16.04	77	363721	45.506	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	71547	41.768	ng	97
66) n-Nitrosodiphenylamine	15.96	169	328892	46.935	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	150516	44.109	ng	96
68) Hexachlorobenzene	16.76	284	158738	43.441	ng	98
69) Atrazine	16.91	200	140370	Below Cal		97
70) Pentachlorophenol	17.11	266	182289	97.423	ng	94
71) Phenanthrene	17.51	178	633337	44.997	ng	100
72) Anthracene	17.60	178	649182	46.784	ng	100
73) Carbazole	17.87	167	559138	46.063	ng	99
74) Di-n-butylphthalate	18.40	149	667343	44.061	ng	99
75) Fluoranthene	19.51	202	840802	44.965	ng	98
77) Benzidine	19.69	184	147922	22.047	ng	98
78) Pyrene	19.87	202	840298	44.918	ng	98
80) Butylbenzylphthalate	20.73	149	315949	44.651	ng	96
81) Benzo(a)anthracene	21.72	228	827567	44.062	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	177164	26.871	ng	98
83) Chrysene	21.79	228	804723	44.553	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	433900	44.996	ng	98
85) Di-n-octyl phthalate	22.82	149	748519	45.880	ng	100
86) Indeno(1,2,3-cd)pyrene	28.86	276	947964	44.237	ng	99
88) Benzo(b)fluoranthene	23.99	252	839219	50.327	ng	100
89) Benzo(k)fluoranthene	24.06	252	820173	49.650	ng	100
90) Benzo(a)pyrene	24.90	252	806901	51.237	ng	99
91) Dibenzo(a,h)anthracene	28.92	278	788465	49.731	ng	100
92) Benzo(g,h,i)perylene	30.06	276	745631	47.589	ng	97

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

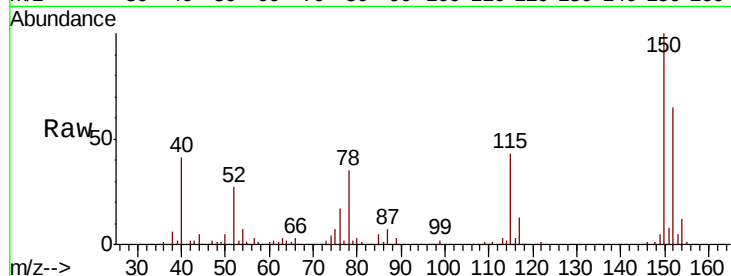


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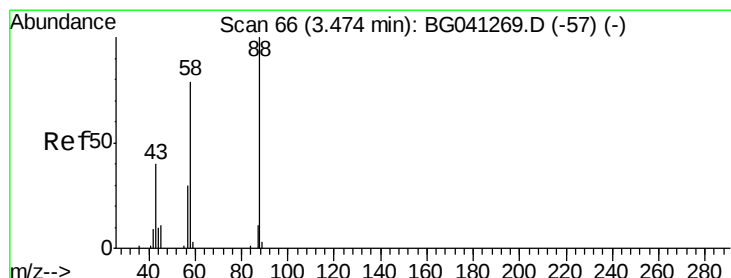
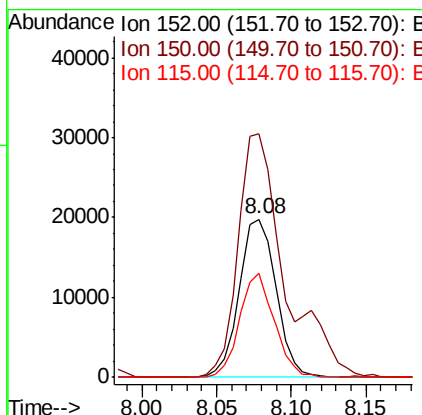
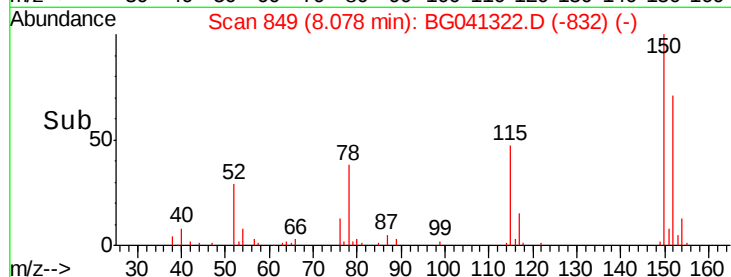
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33928
Ion Ratio Lower Upper
152 100
150 153.9 120.6 181.0
115 65.7 47.9 71.9



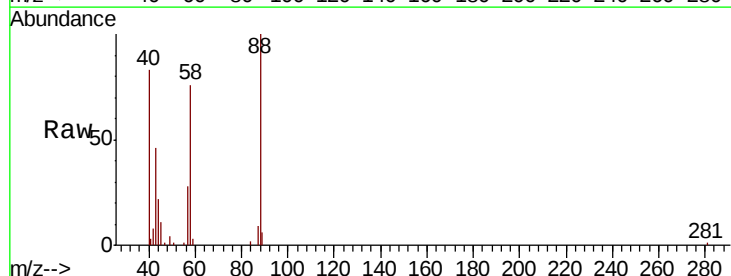
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



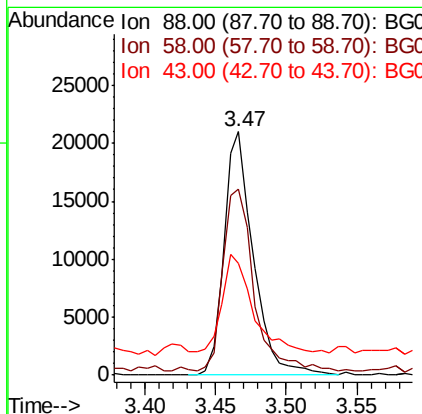
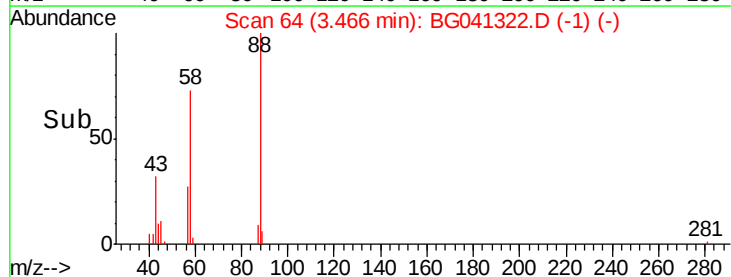
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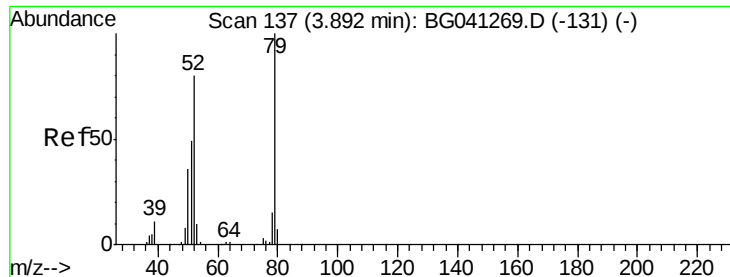
1,4-Dioxane
Concen: 32.561 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion: 88 Resp: 30149
Ion Ratio Lower Upper
88 100
58 81.1 59.7 89.5
43 43.1 31.9 47.9



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: 34.937 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

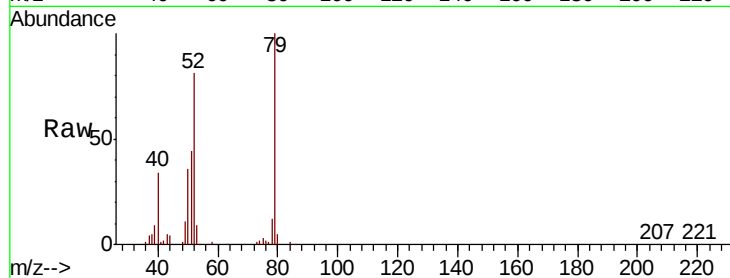
Tot Ion: 79 Resp: 85817

Ion Ratio Lower Upper

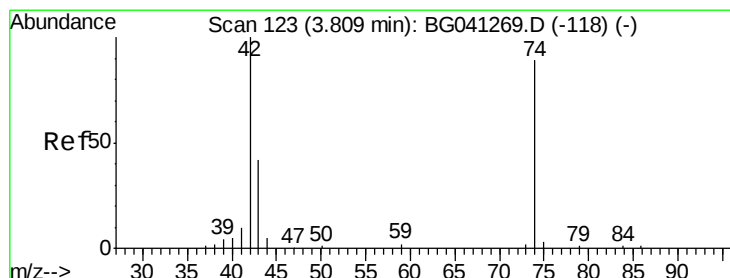
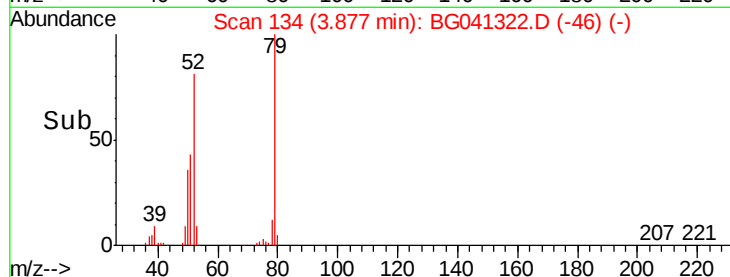
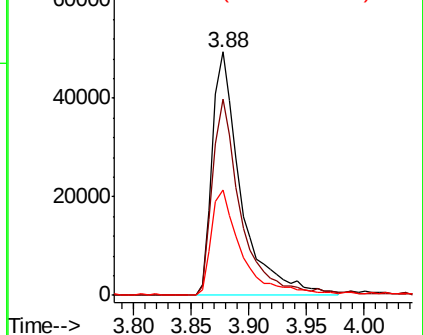
79 100

52 80.6 63.6 95.4

51 43.5 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 42.439 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

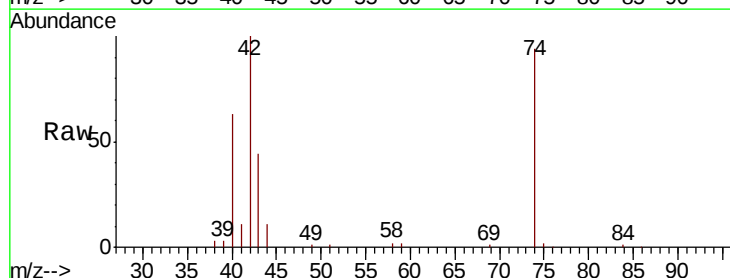
Tgt Ion: 42 Resp: 55592

Ion Ratio Lower Upper

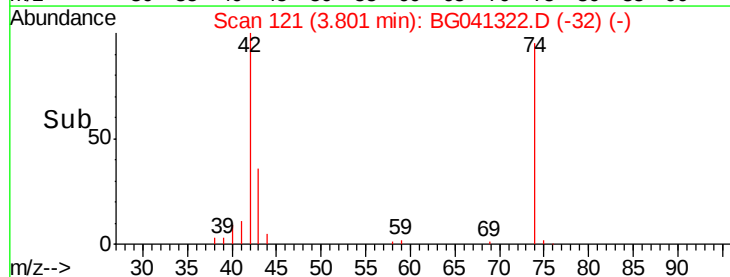
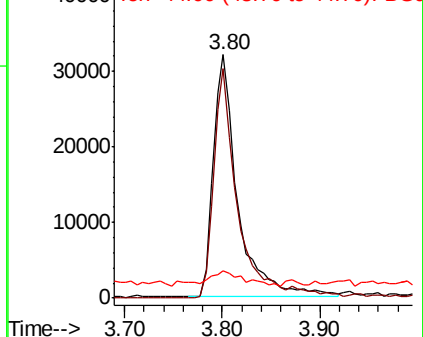
42 100

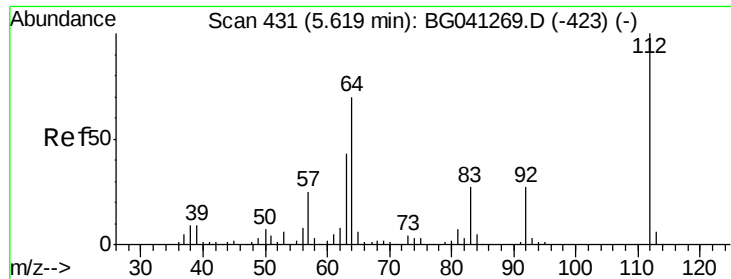
74 94.4 71.6 107.4

44 11.4 9.0 13.4



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

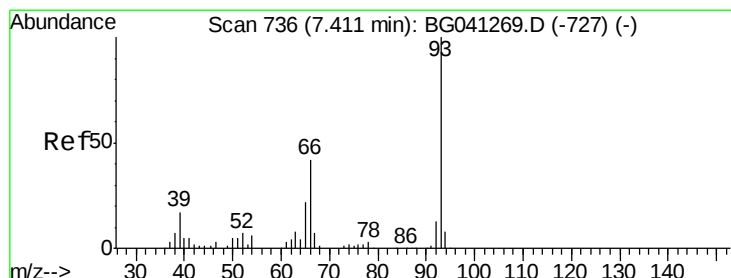
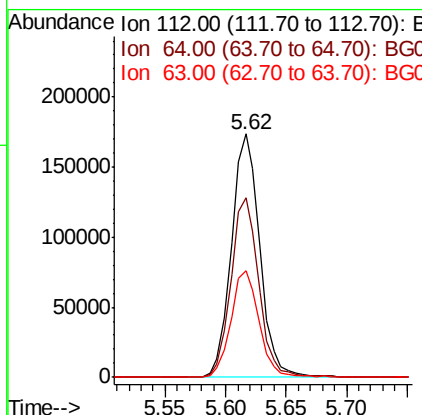
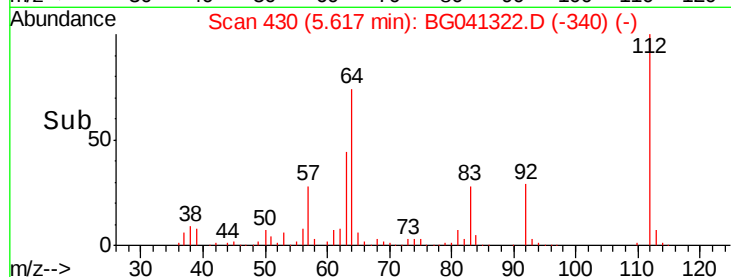
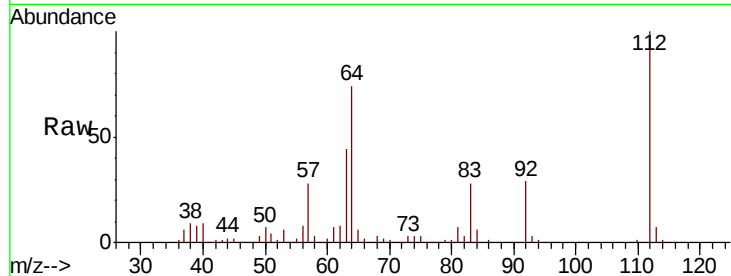




#5
 2-Fluorophenol
 Concen: 153.591 ng
 RT: 5.62 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

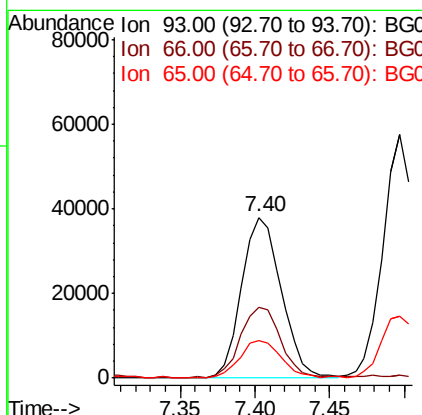
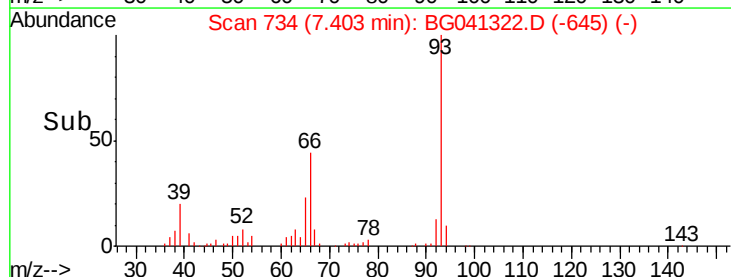
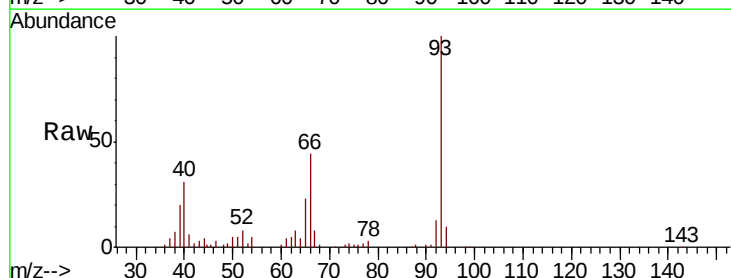
Instrument :
 BNA_G
 ClientSampleId :

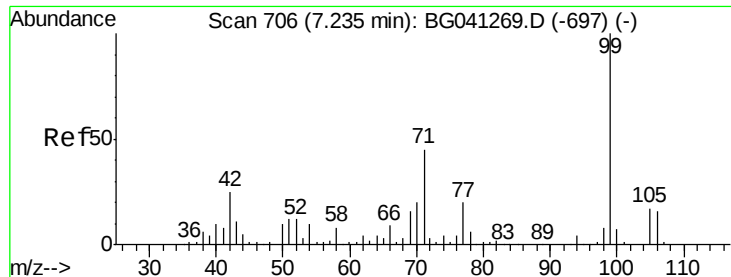
Tot Ion	Ratio	Lower	Upper
112	100		
64	73.6	55.9	83.9
63	44.1	34.6	51.8



#6
 Aniline
 Concen: 18.870 ng
 RT: 7.40 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.8	34.2	51.2
65	23.3	17.7	26.5





#7

Phenol-d6

Concen: 159.106 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

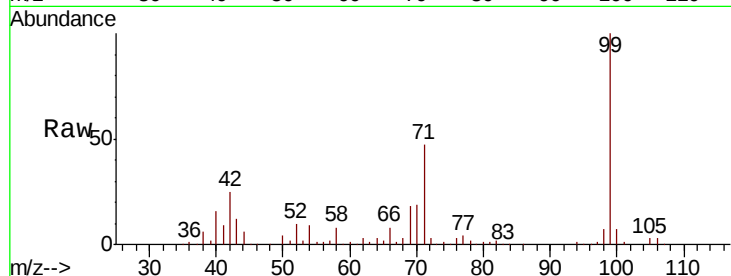
Tot Ion: 99 Resp: 425853

Ion Ratio Lower Upper

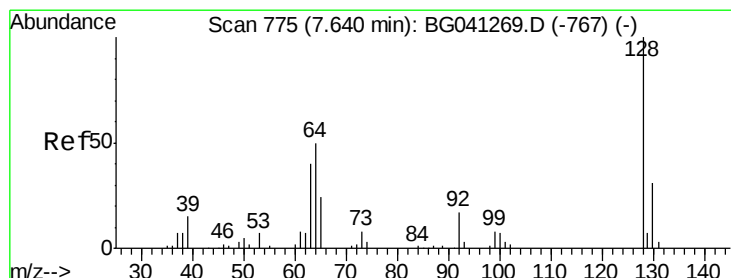
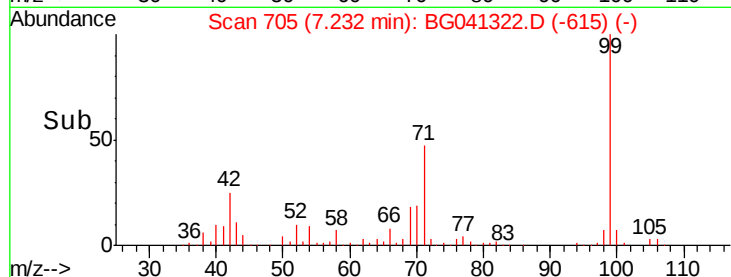
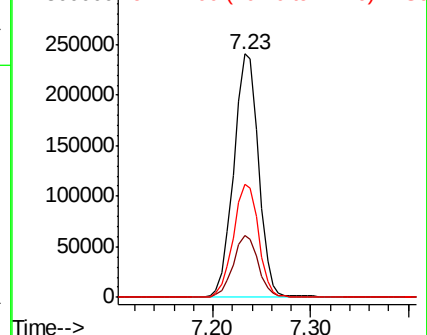
99 100

42 25.5 19.9 29.9

71 46.6 36.4 54.6



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



#8

2-Chlorophenol

Concen: 47.846 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

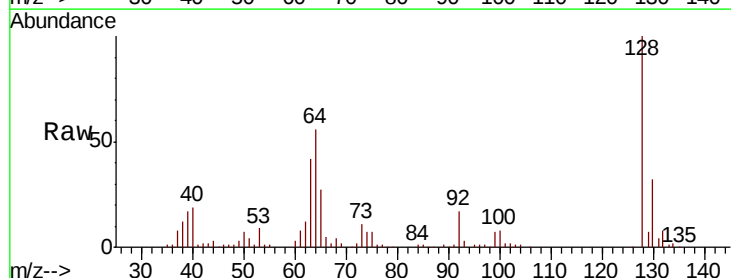
Tgt Ion: 128 Resp: 103809

Ion Ratio Lower Upper

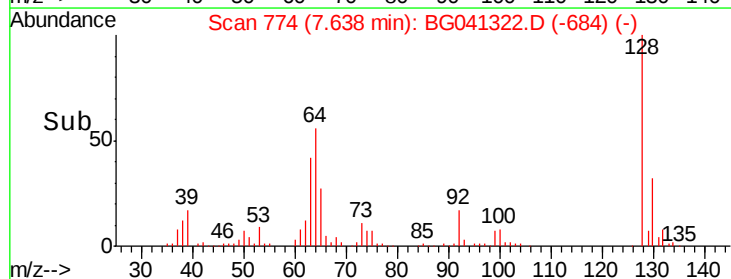
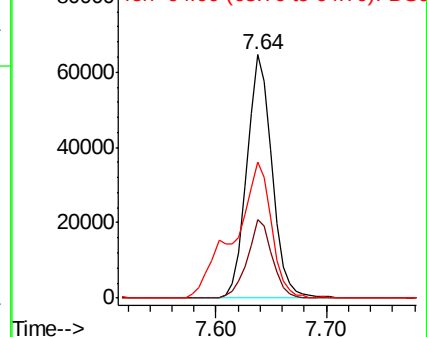
128 100

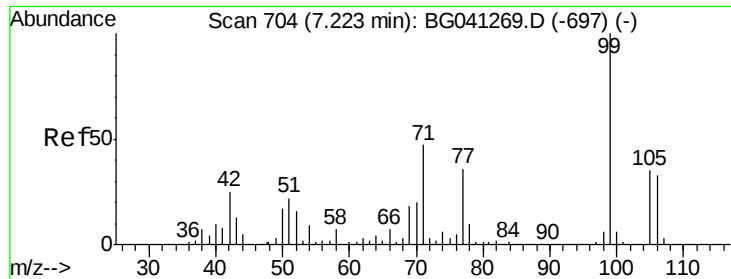
130 32.2 11.1 51.1

64 55.8 36.6 76.6



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





#9

Benzaldehyde

Concen: 20.050 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

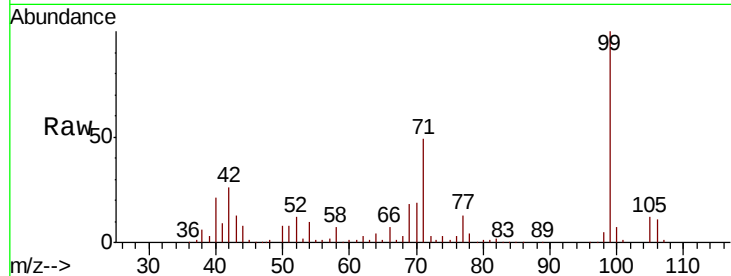
Tot Ion: 77 Resp: 34324

Ion Ratio Lower Upper

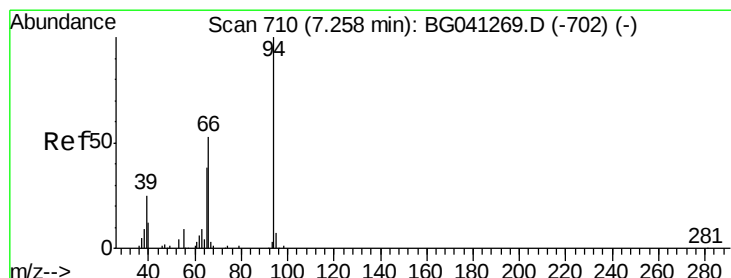
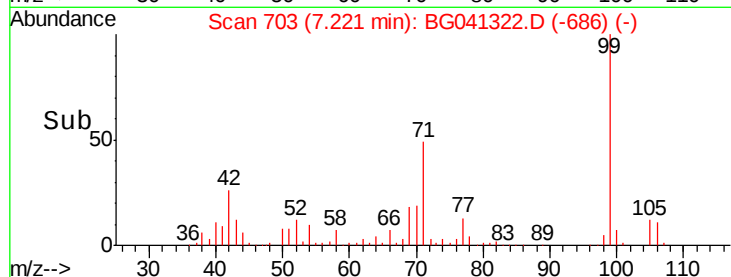
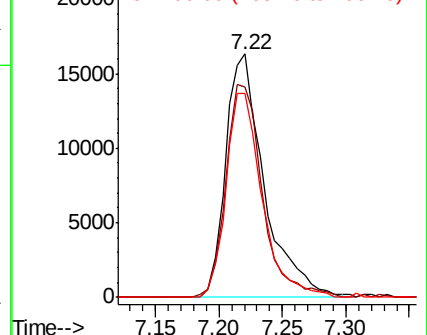
77 100

105 86.3 78.7 118.7

106 83.9 71.1 111.1



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: 48.389 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

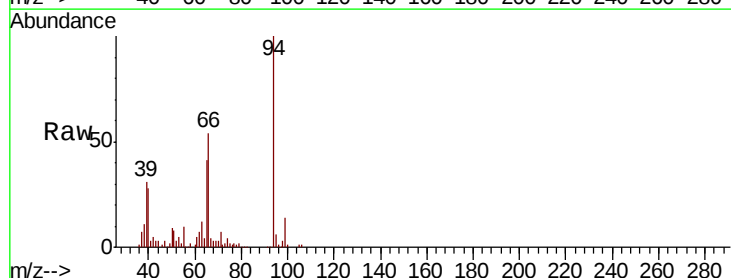
Tgt Ion: 94 Resp: 139274

Ion Ratio Lower Upper

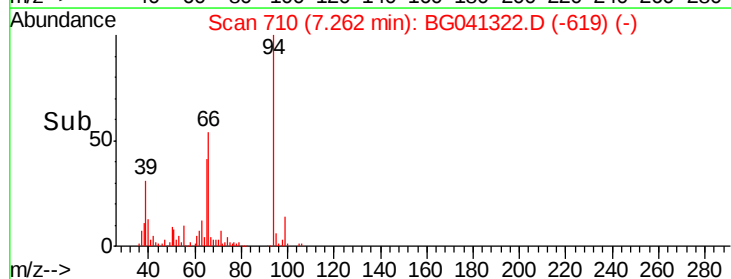
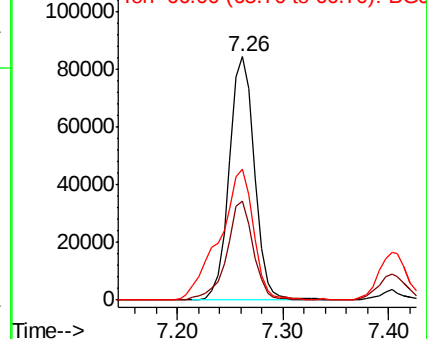
94 100

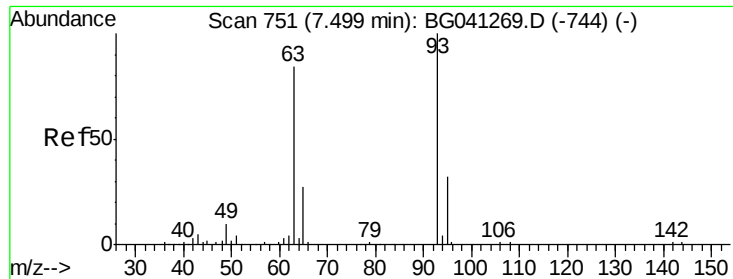
65 40.7 18.7 58.7

66 53.6 35.5 75.5



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



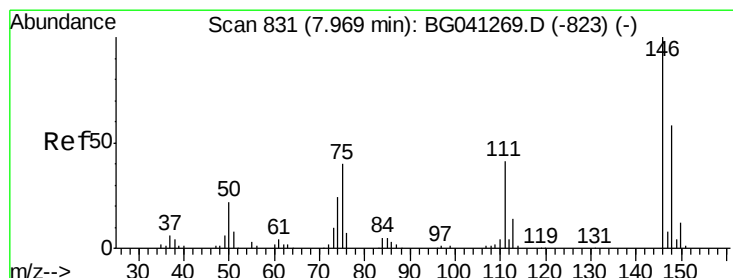
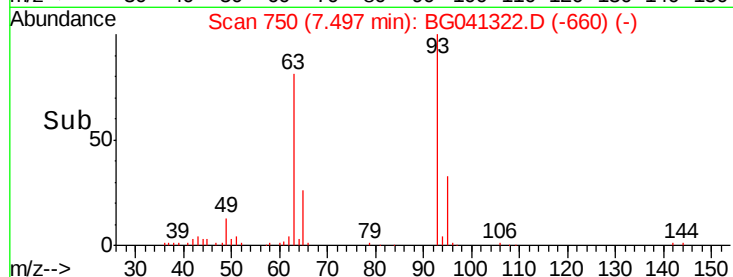
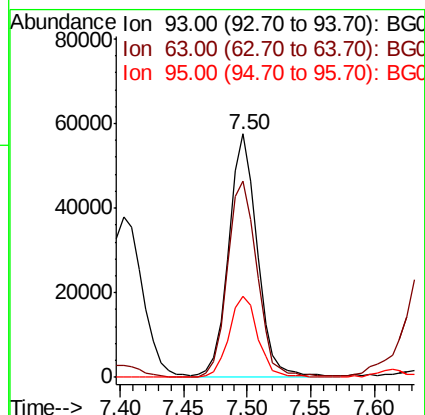
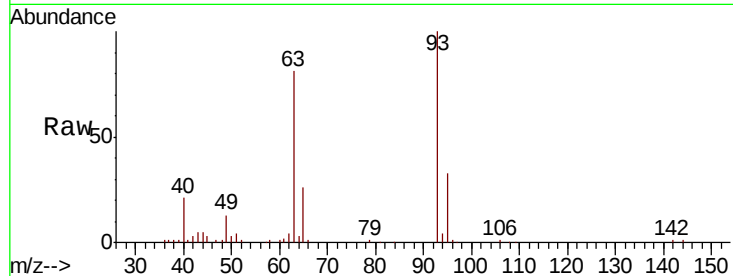


#11

bis(2-Chloroethyl)ether
Concen: 41.269 ng
RT: 7.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

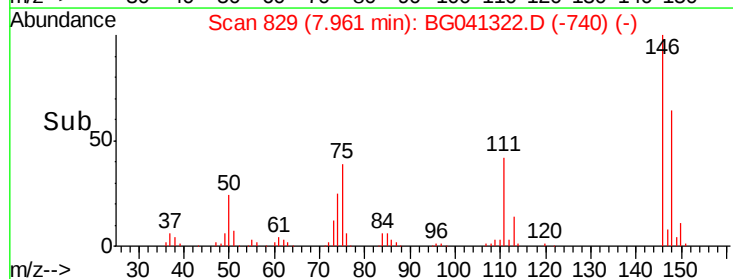
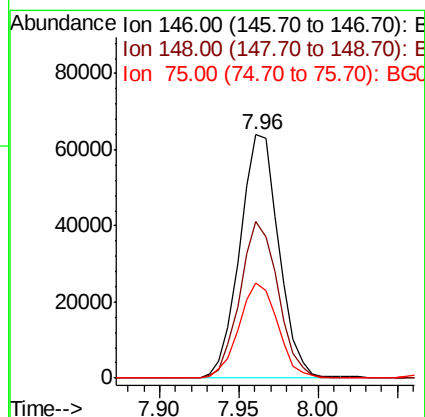
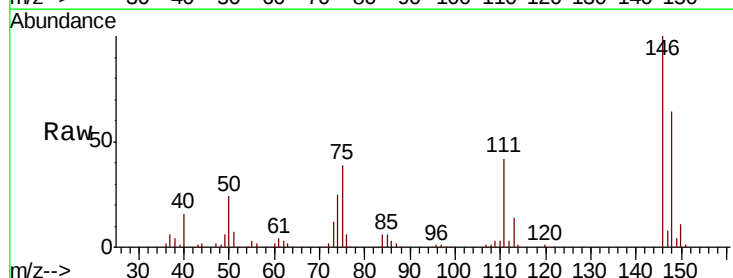
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	63.6	103.6
95	33.2	11.2	51.2

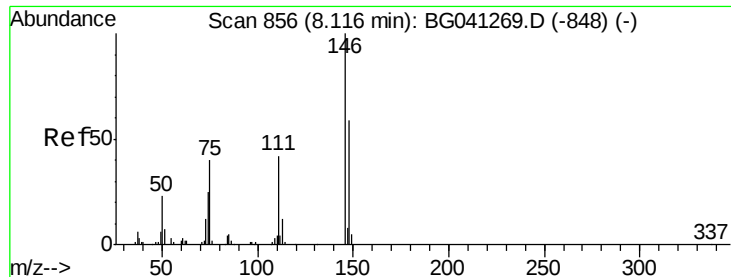


#12

1,3-Dichlorobenzene
Concen: 40.307 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	46.5	69.7
75	39.2	32.2	48.4

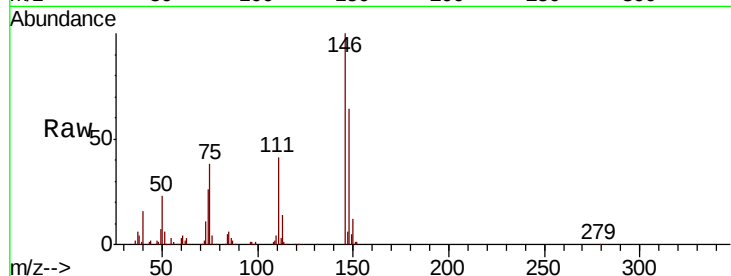




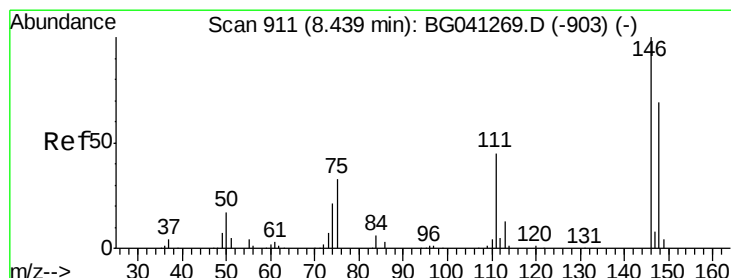
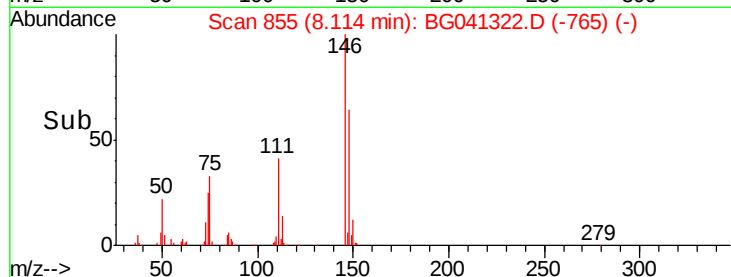
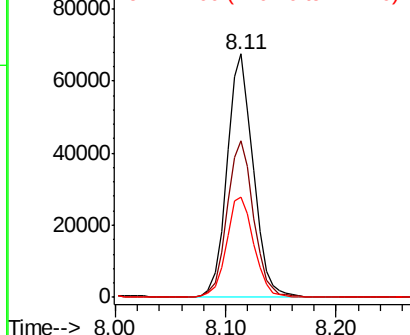
#13
1,4-Dichlorobenzene
Concen: 40.419 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 112163
Ion Ratio Lower Upper
146 100
148 64.2 47.3 70.9
111 41.3 33.4 50.0

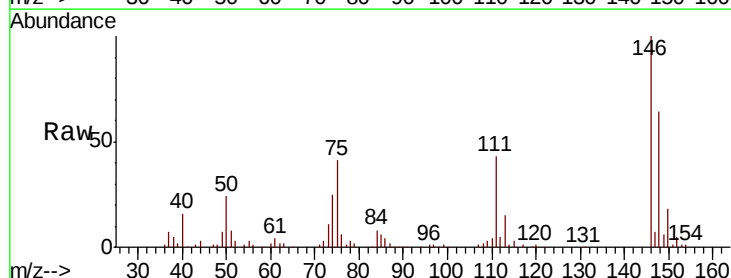


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

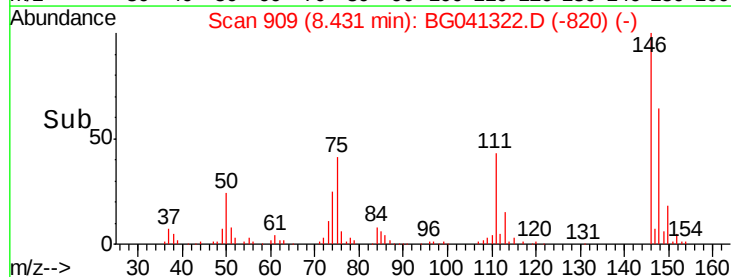
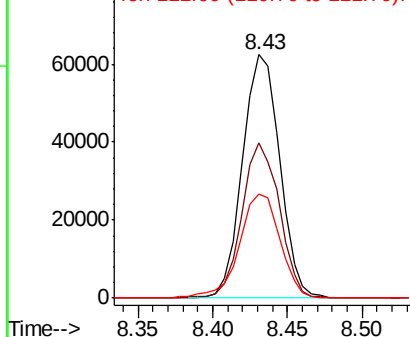


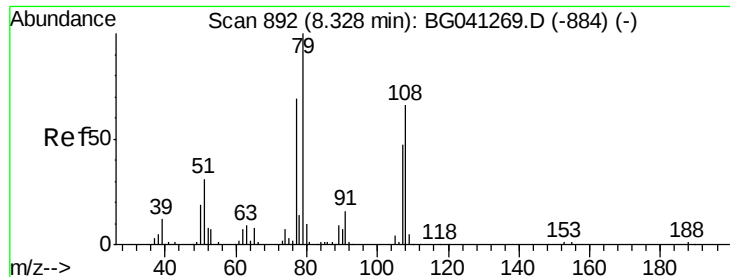
#14
1,2-Dichlorobenzene
Concen: 40.598 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:146 Resp: 107606
Ion Ratio Lower Upper
146 100
148 63.8 54.9 82.3
111 43.0 37.0 55.6



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: 43.550 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampled :

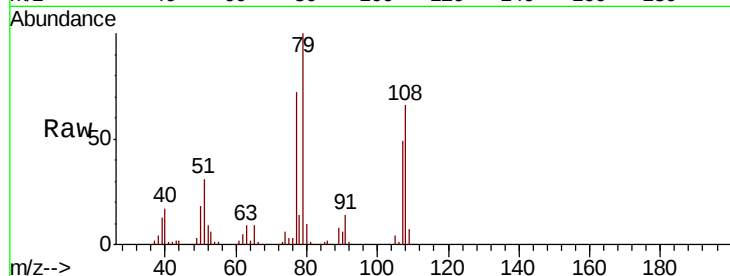
Tot Ion: 79 Resp: 111680

Ion Ratio Lower Upper

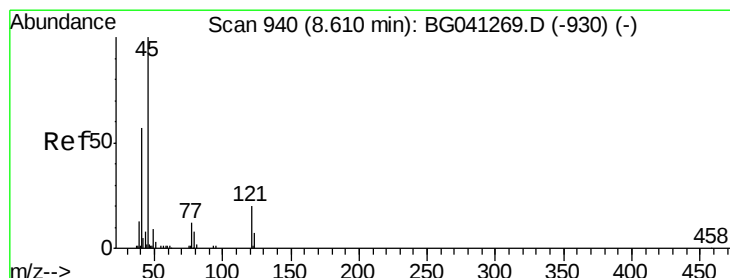
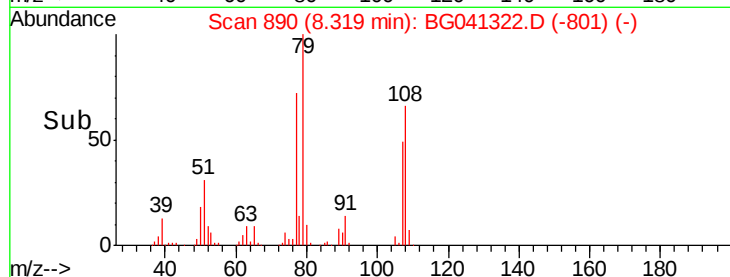
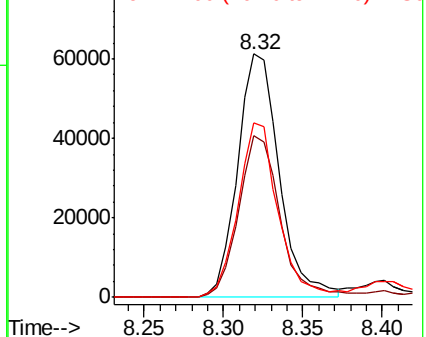
79 100

108 66.3 52.7 79.1

77 71.6 55.2 82.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.849 ng

RT: 8.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

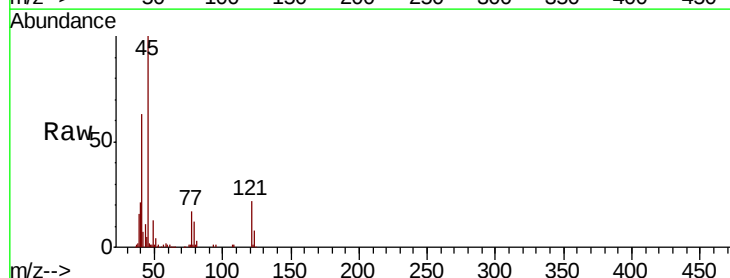
Tgt Ion: 45 Resp: 142459

Ion Ratio Lower Upper

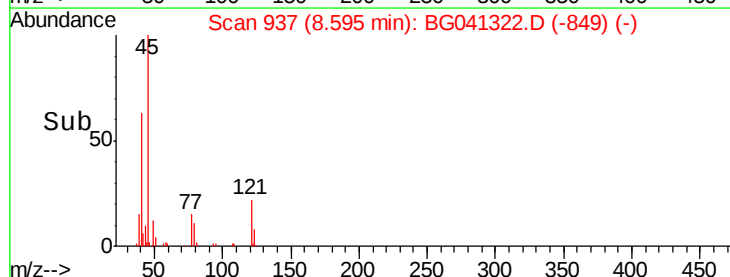
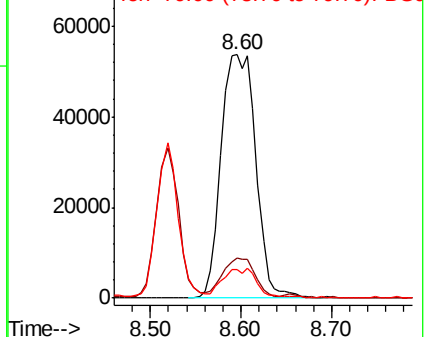
45 100

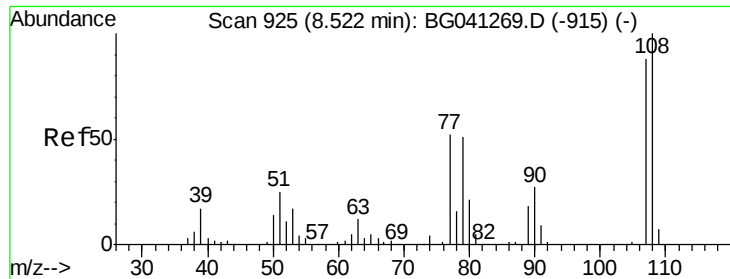
77 16.6 0.0 35.2

79 11.8 0.0 31.6



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

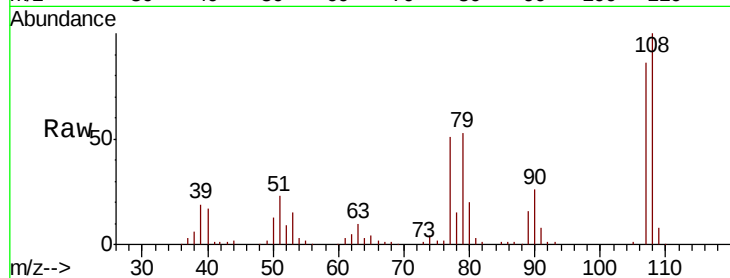




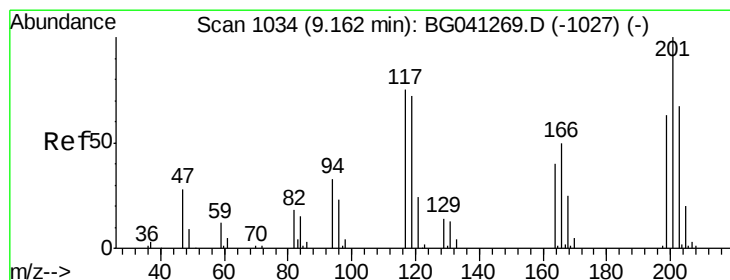
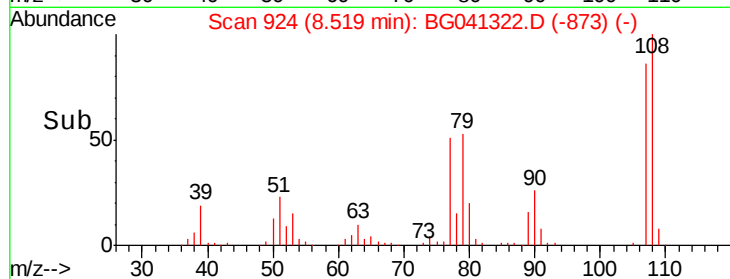
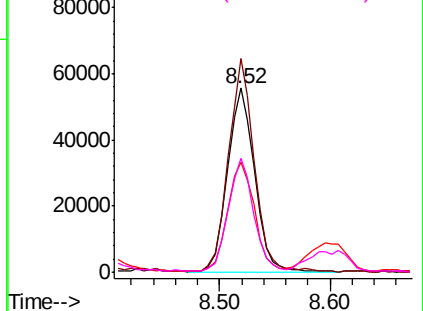
#17
2-Methylphenol
Concen: 46.846 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 96395
Ion Ratio Lower Upper
107 100
108 116.2 91.7 137.5
77 59.6 47.8 71.8
79 61.7 46.8 70.2

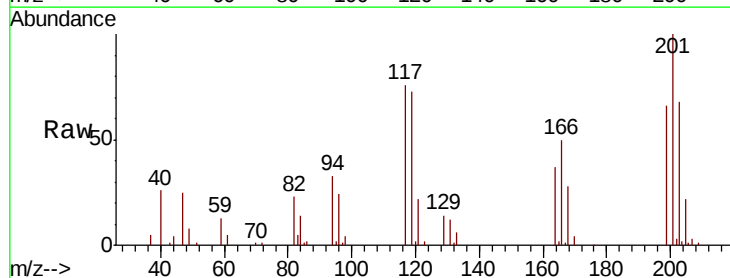


Abundance Ion 107.00 (106.70 to 107.70): E
100000 Ion 108.00 (107.70 to 108.70): E
80000 Ion 77.00 (76.70 to 77.70): BG
60000 Ion 79.00 (78.70 to 79.70): BG
40000
20000
0

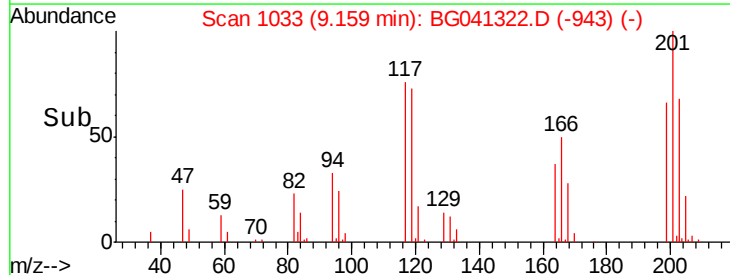
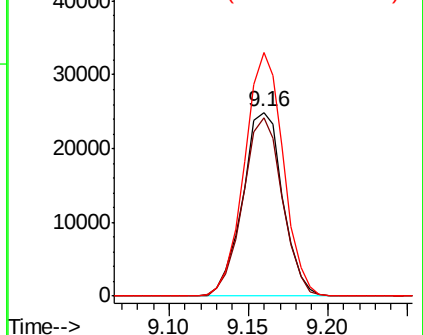


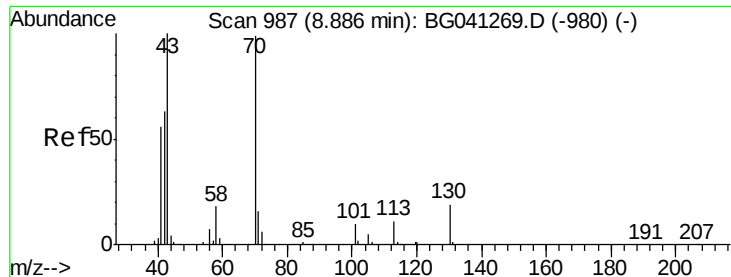
#18
Hexachloroethane
Concen: 39.880 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:117 Resp: 43855
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
201 132.4 106.3 159.5



Abundance Ion 117.00 (116.70 to 117.70): E
40000 Ion 119.00 (118.70 to 119.70): E
30000 Ion 201.00 (200.70 to 201.70): E
20000
10000
0

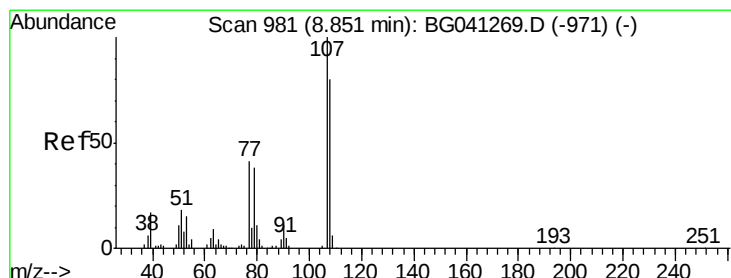
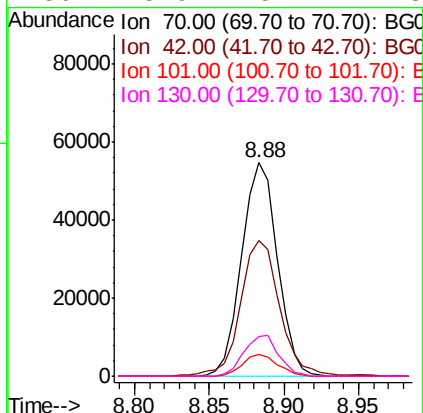
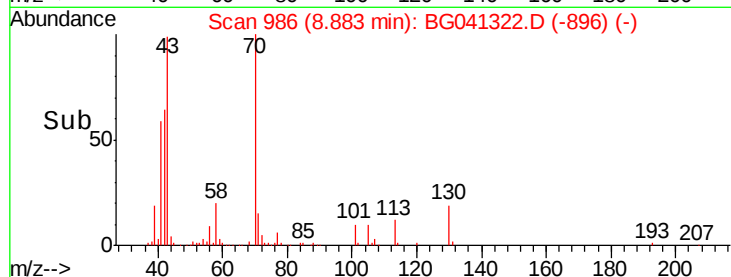
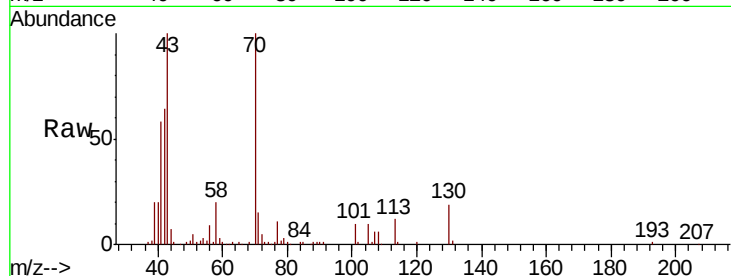




#19
n-Nitroso-di-n-propylamine
Concen: 42.054 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

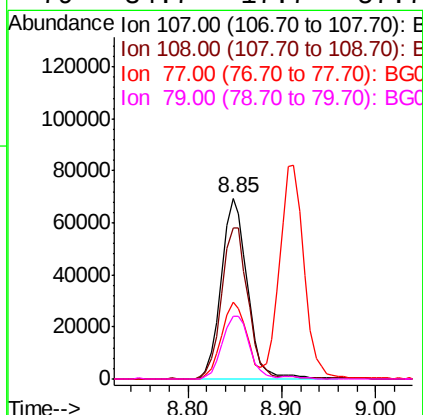
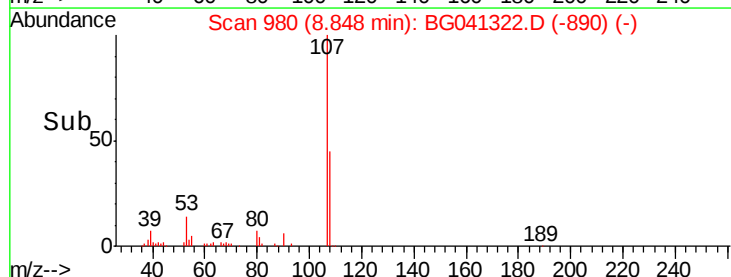
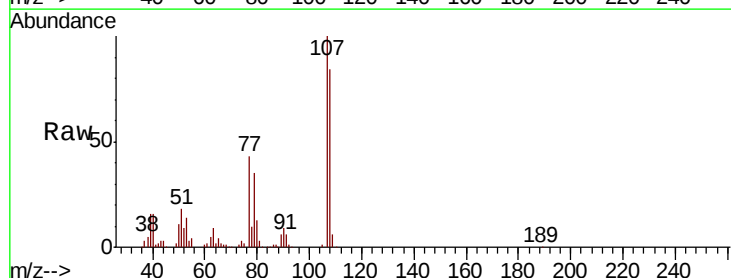
Instrument :
BNA_G
ClientSampleId :

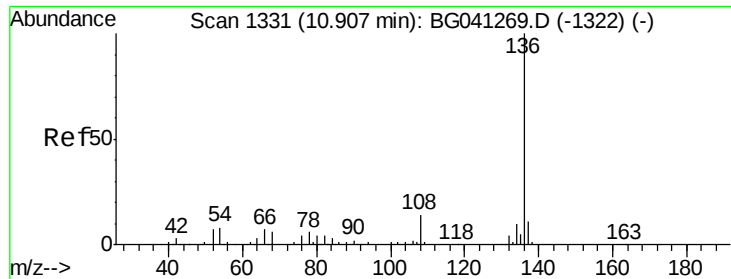
Tot Ion:	70	Resp:	91036
Ion	Ratio	Lower	Upper
70	100		
42	63.6	51.4	77.2
101	10.2	8.2	12.2
130	18.9	15.2	22.8



#20
3+4-Methylphenols
Concen: 49.094 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:	107	Resp:	134483
Ion	Ratio	Lower	Upper
107	100		
108	83.7	60.4	100.4
77	42.6	21.2	61.2
79	34.7	17.7	57.7

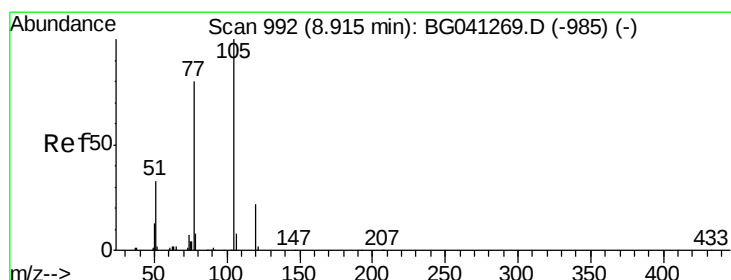
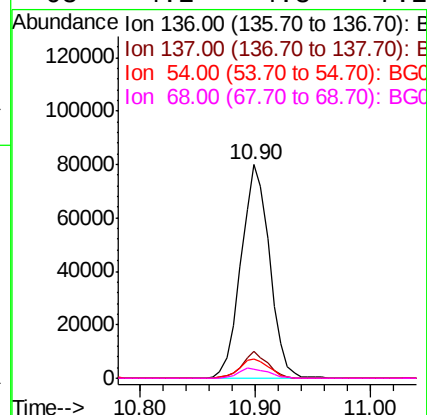
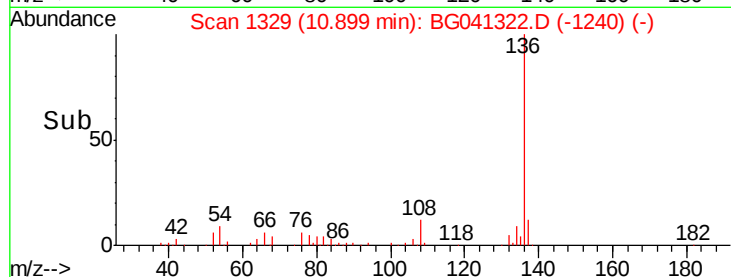
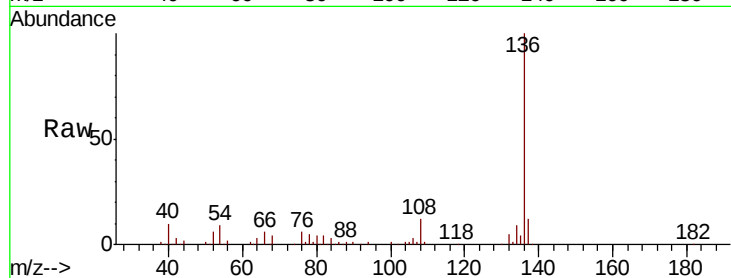




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

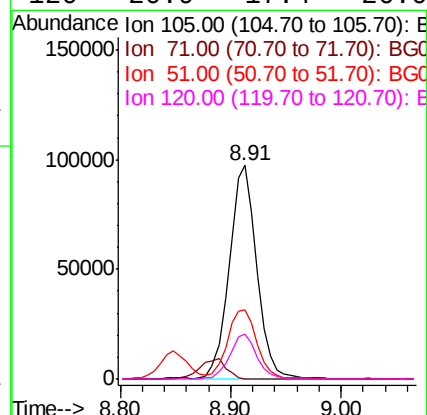
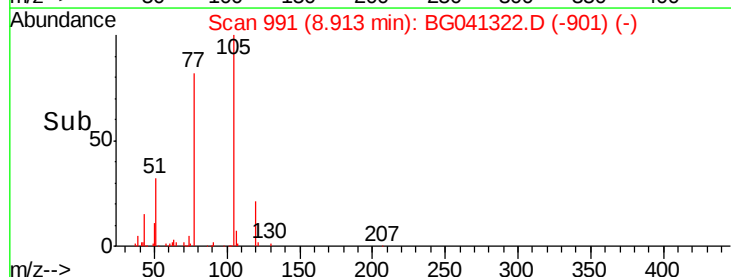
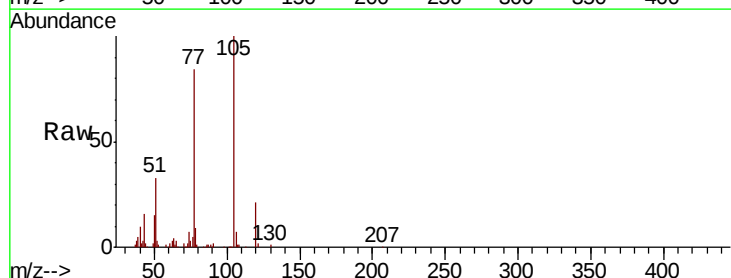
Instrument :
BNA_G
ClientSampleId :

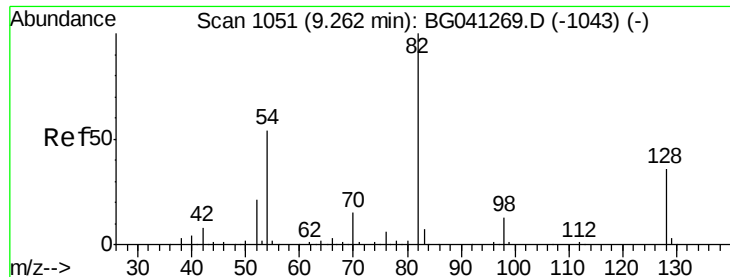
Tot Ion:136	Resp:	136148
Ion Ratio	Lower	Upper
136 100		
137 12.3	8.8	13.2
54 8.9	6.4	9.6
68 4.2	4.8	7.2#



#22
Acetophenone
Concen: 42.788 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt	Ion:105	Resp:	169523
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	32.6	28.2	42.4
120	20.9	17.4	26.0

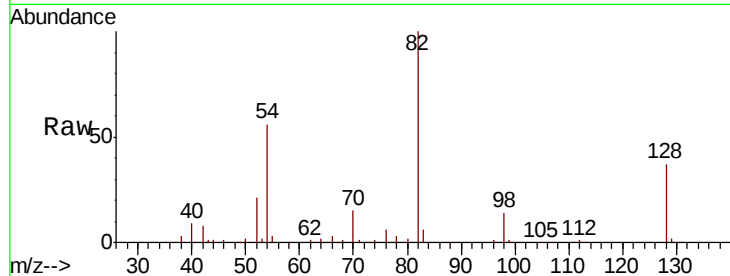




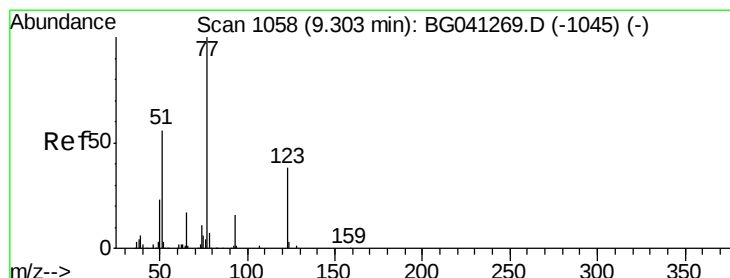
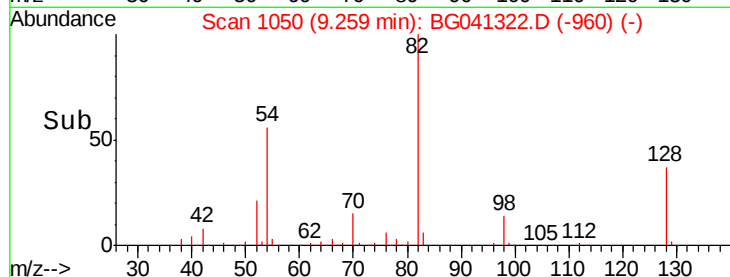
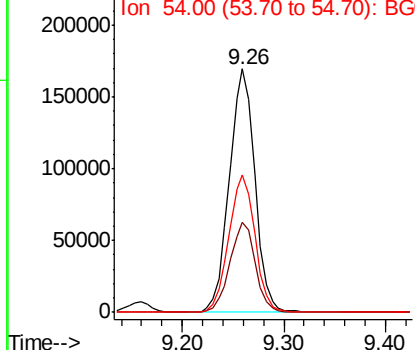
#23
 Nitrobenzene-d5
 Concen: 91.558 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	296399
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.2	43.8
54	56.5	43.4	65.0

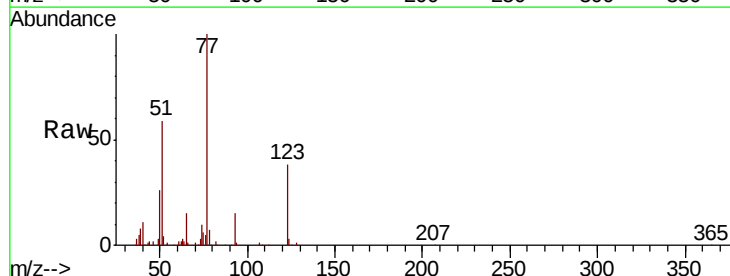


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

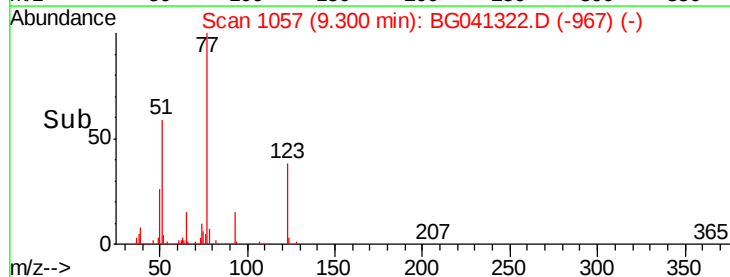
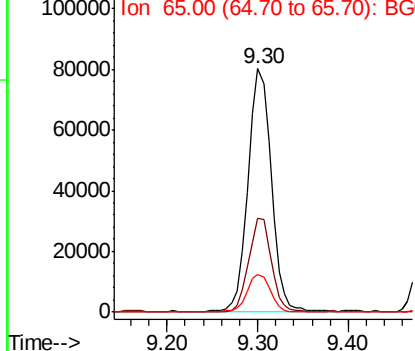


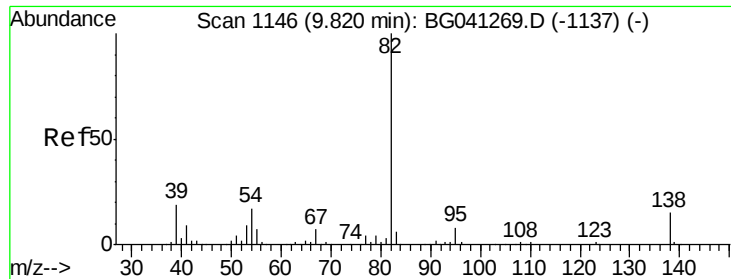
#24
 Nitrobenzene
 Concen: 44.318 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	77	Resp	144292
Ion Ratio	Lower	Upper	
77	100		
123	38.4	30.4	45.6
65	15.4	13.3	19.9



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





#25

Isophorone

Concen: 43.131 ng

RT: 9.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

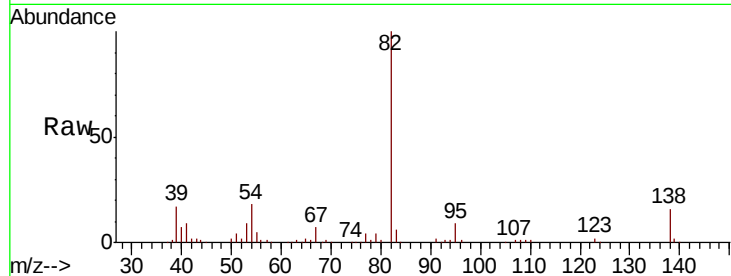
Tot Ion: 82 Resp: 256165

Ion Ratio Lower Upper

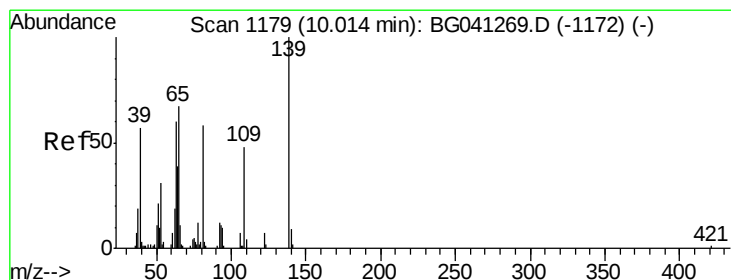
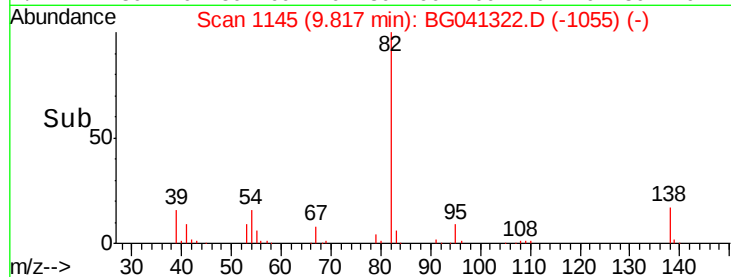
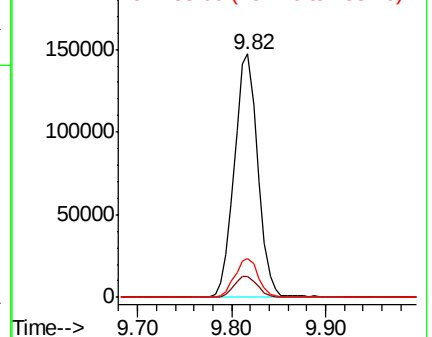
82 100

95 8.5 6.6 10.0

138 15.8 12.3 18.5



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



#26

2-Nitrophenol

Concen: 46.465 ng

RT: 10.01 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

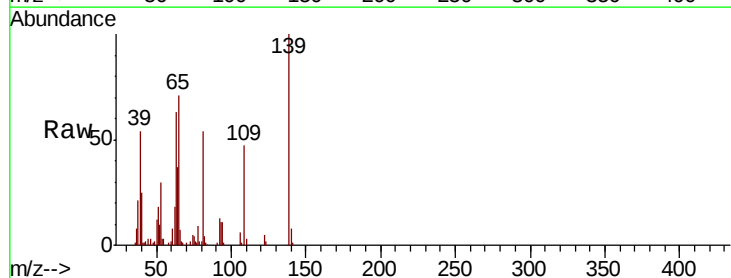
Tgt Ion: 139 Resp: 61333

Ion Ratio Lower Upper

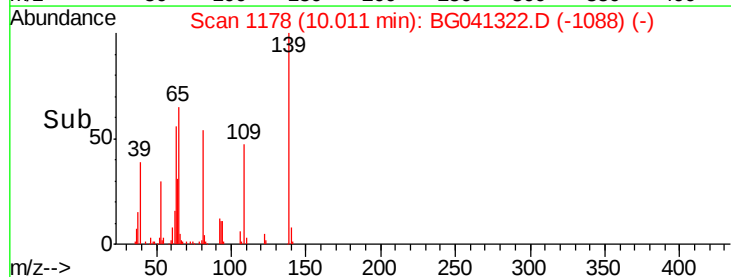
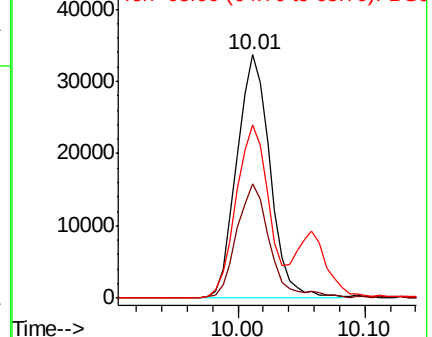
139 100

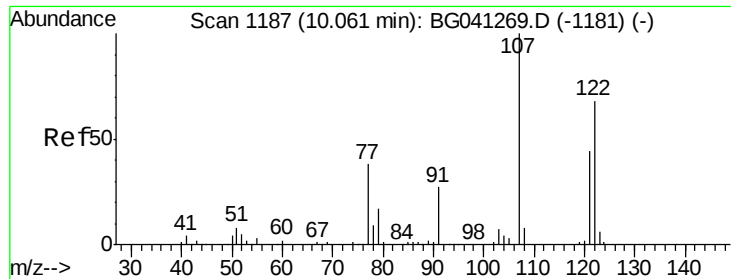
109 47.0 38.4 57.6

65 71.2 53.6 80.4



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

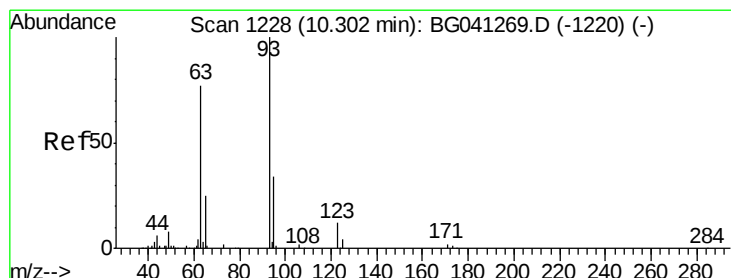
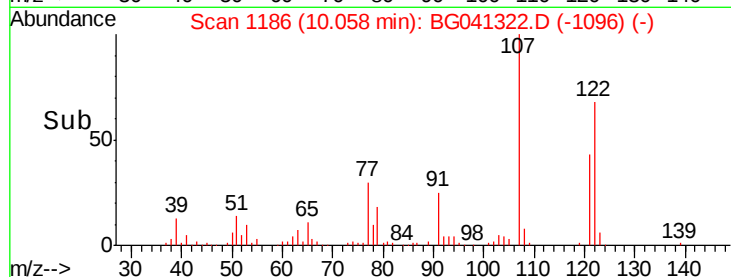
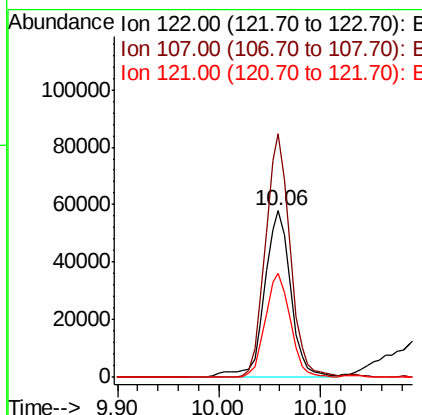
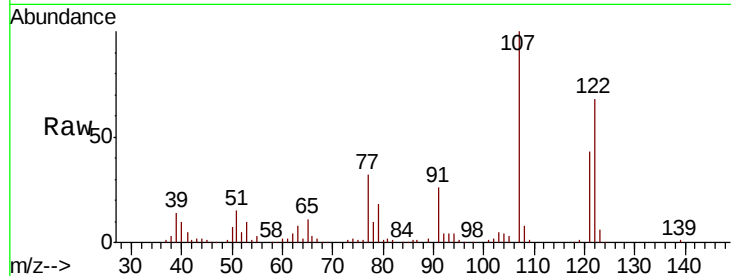




#27
 2,4-Dimethylphenol
 Concen: 52.621 ng
 RT: 10.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

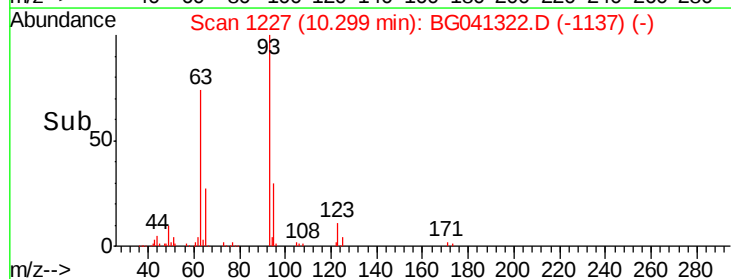
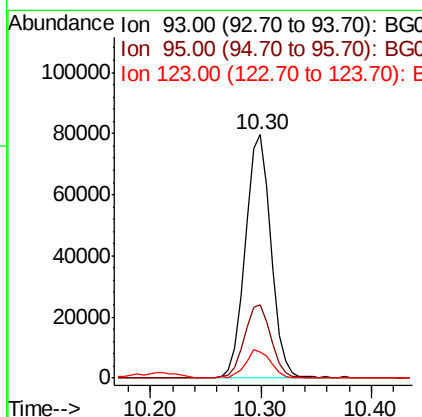
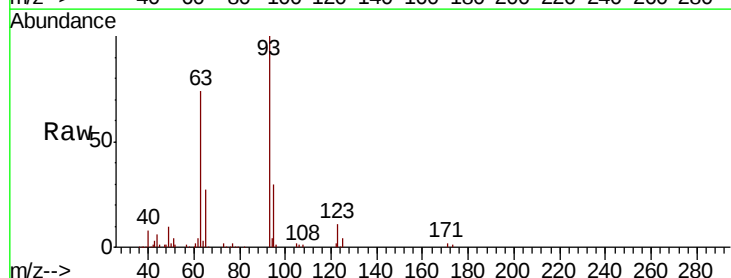
Instrument :
 BNA_G
 ClientSampled :

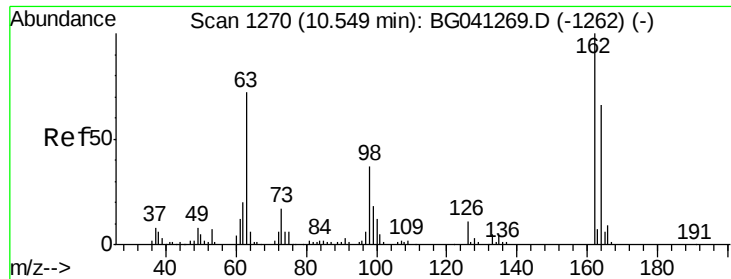
Tot Ion:122 Resp: 104115
 Ion Ratio Lower Upper
 122 100
 107 146.3 115.1 172.7
 121 62.5 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.067 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion: 93 Resp: 130181
 Ion Ratio Lower Upper
 93 100
 95 30.3 27.3 40.9
 123 10.9 9.6 14.4

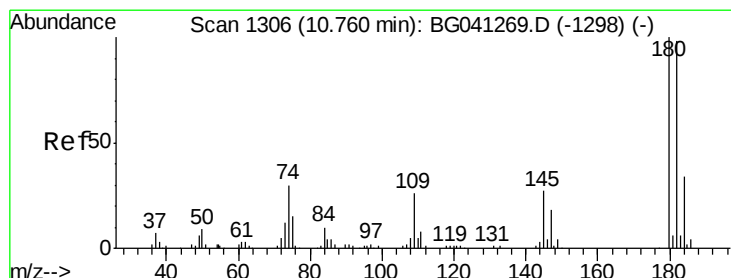
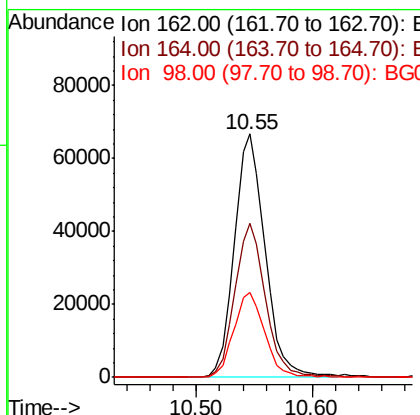
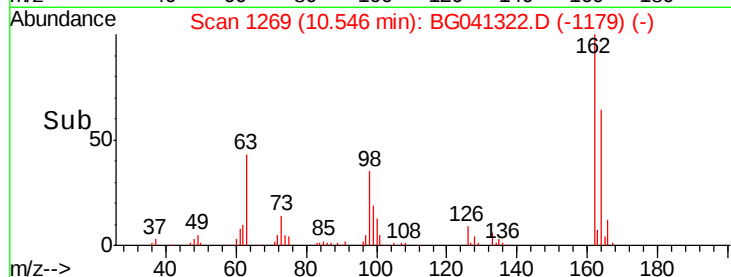
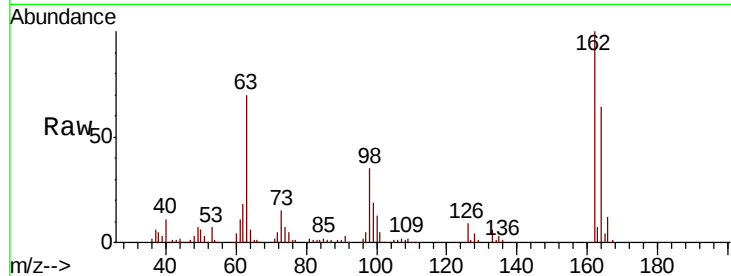




#29
2,4-Dichlorophenol
Concen: 49.960 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

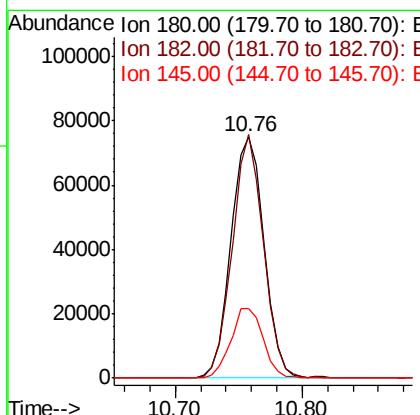
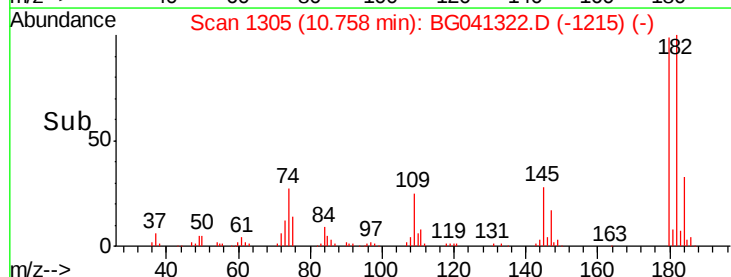
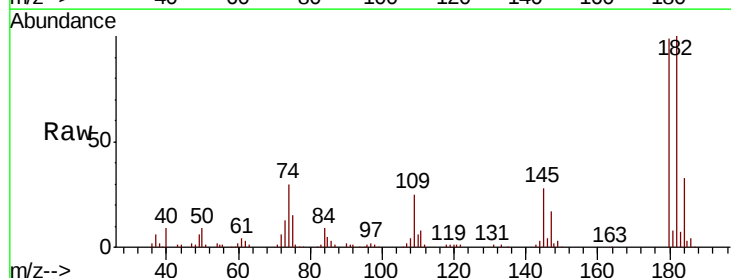
Instrument :
BNA_G
ClientSampleId :

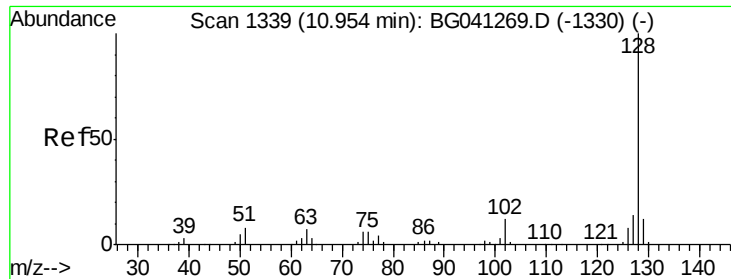
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	46.0	86.0
98	34.9	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 42.922 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	78.6	117.8
145	28.7	21.7	32.5

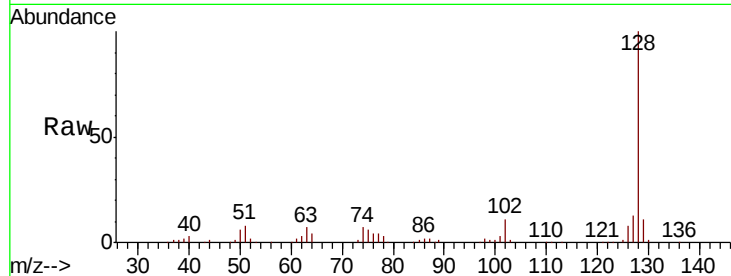




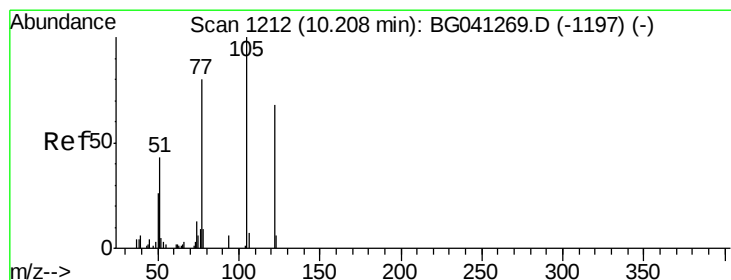
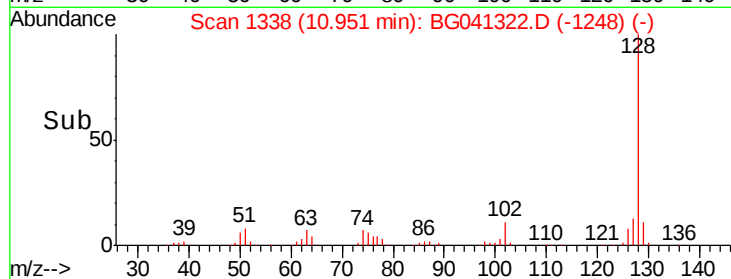
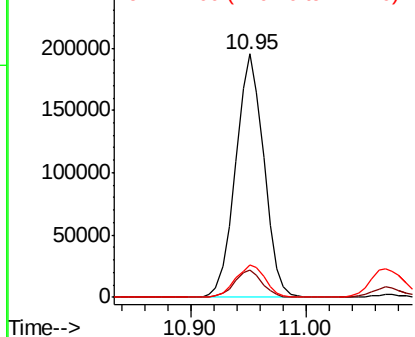
#31
Naphthalene
Concen: 44.670 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 330533
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.3 11.2 16.8

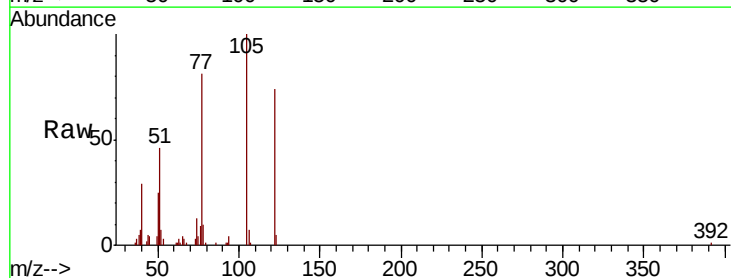


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

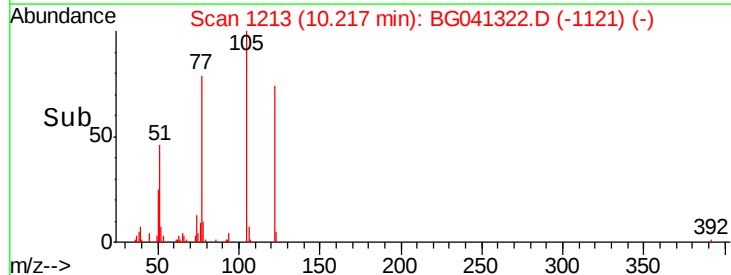
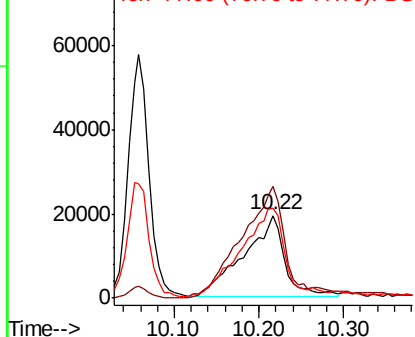


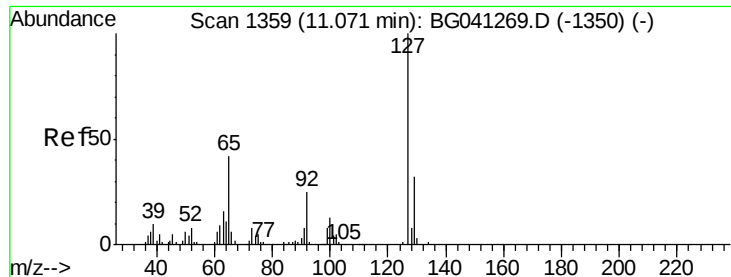
#32
Benzoic acid
Concen: 49.516 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:122 Resp: 63777
Ion Ratio Lower Upper
122 100
105 135.3 124.2 164.2
77 108.9 97.2 137.2



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

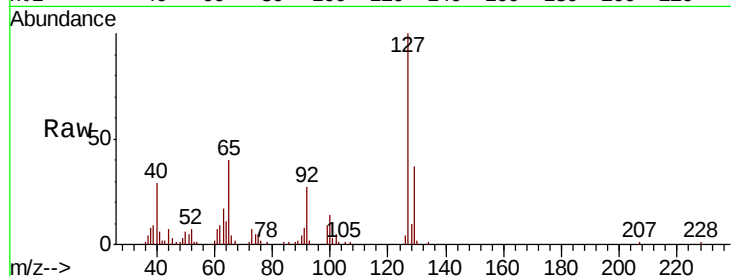




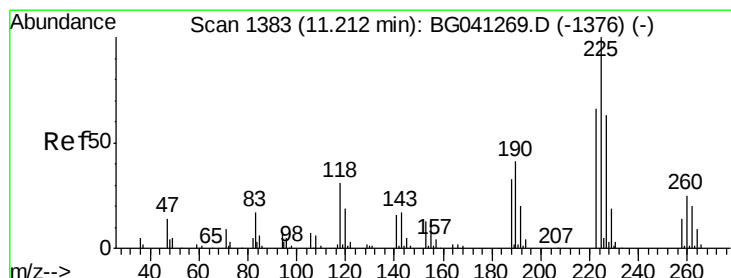
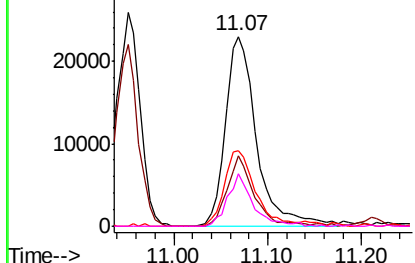
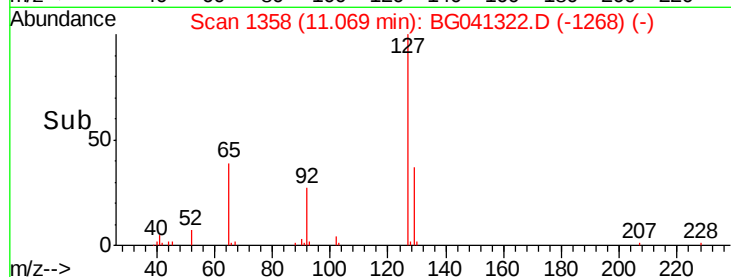
#33
4-Chloroaniline
Concen: 16.824 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	52870
Ion	Ratio	Lower	Upper
127	100		
129	36.9	25.8	38.8
65	39.5	33.8	50.8
92	27.5	20.2	30.4

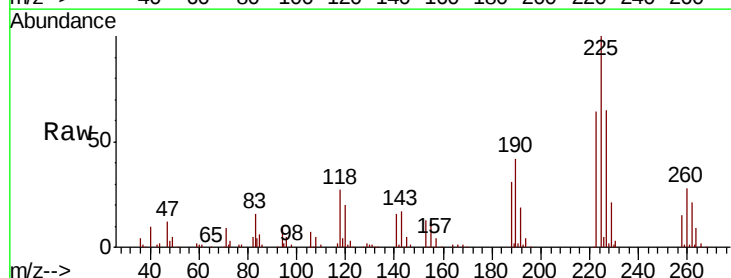


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

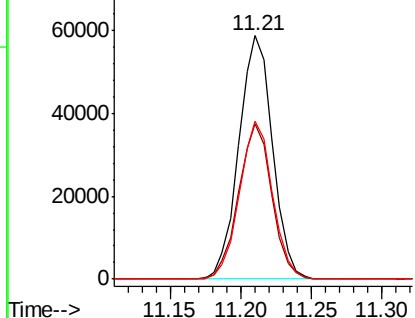
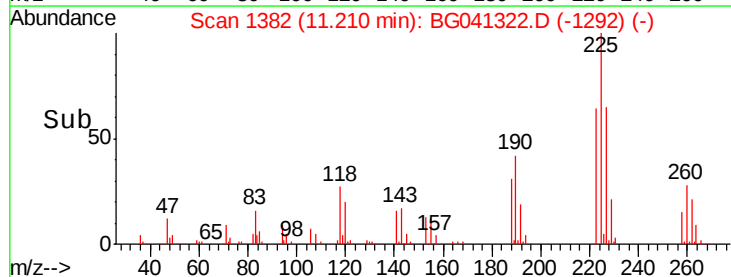


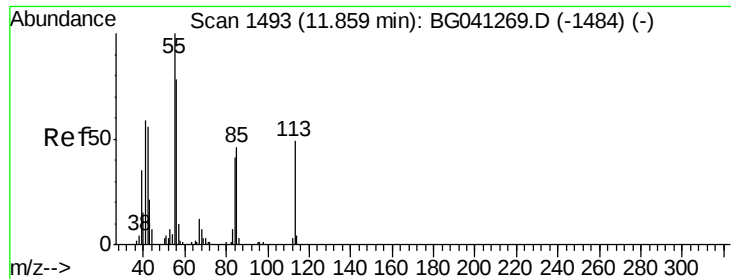
#34
Hexachlorobutadiene
Concen: 39.279 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:	225	Resp:	97962
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.5	78.7
227	65.0	50.2	75.2



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

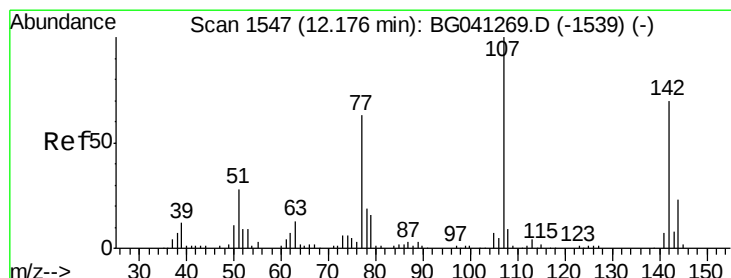
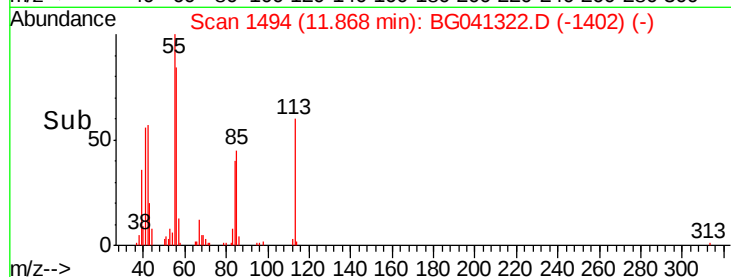
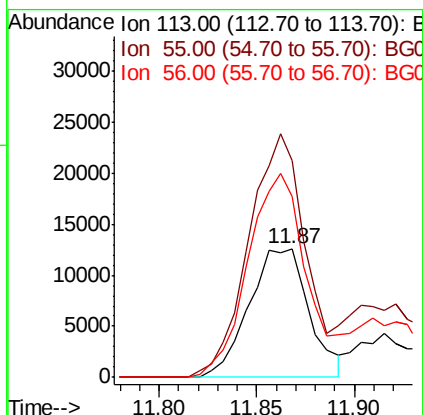
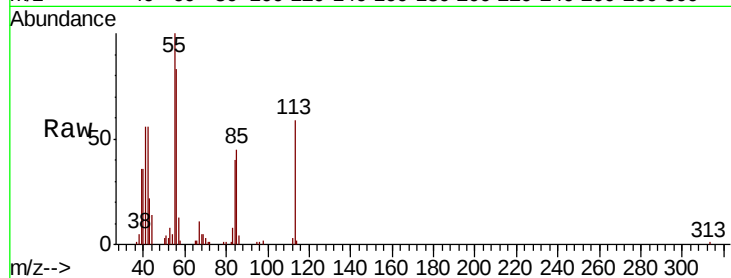




#35
 Caprolactam
 Concen: 31.655 ng
 RT: 11.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

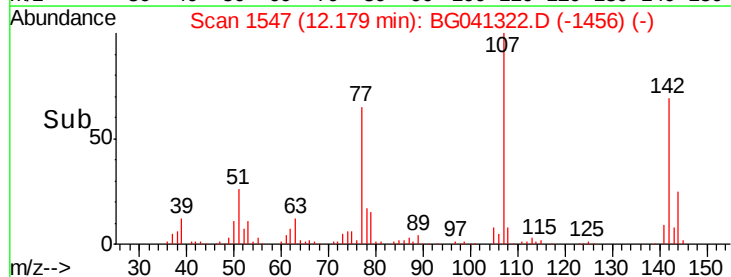
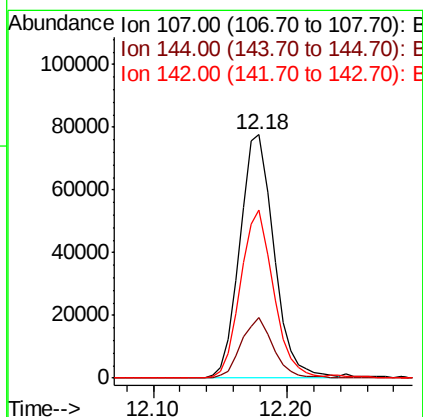
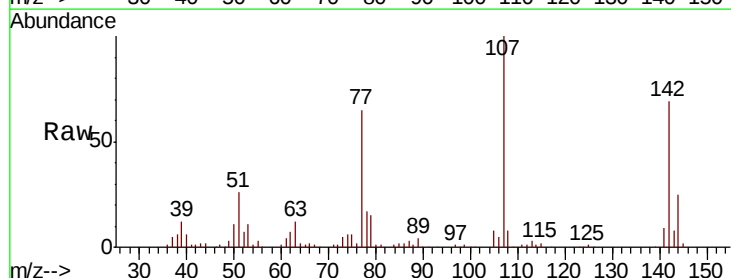
Instrument :
 BNA_G
 ClientSampled :

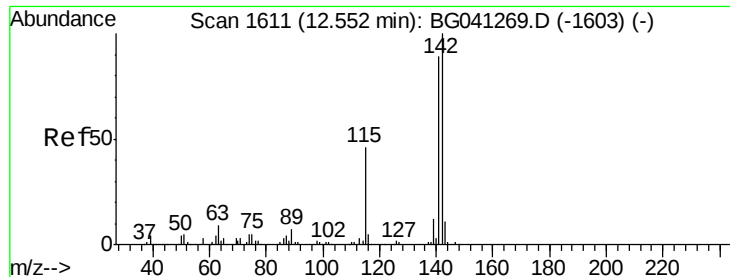
Tot Ion:113 Resp: 26735
 Ion Ratio Lower Upper
 113 100
 55 168.6 182.6 222.6#
 56 140.5 137.5 177.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.601 ng
 RT: 12.18 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion:107 Resp: 137724
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.5 27.7
 142 69.0 56.3 84.5

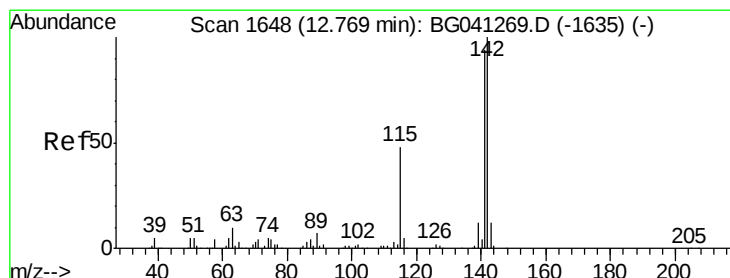
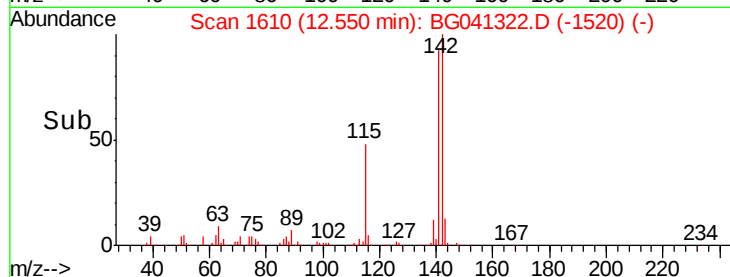
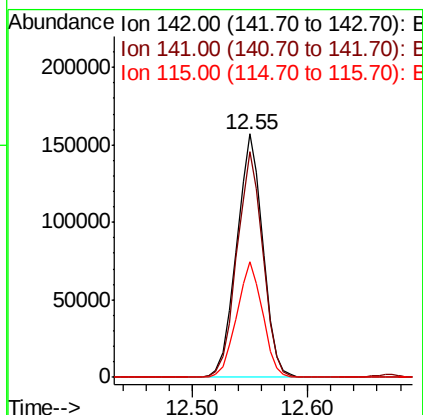
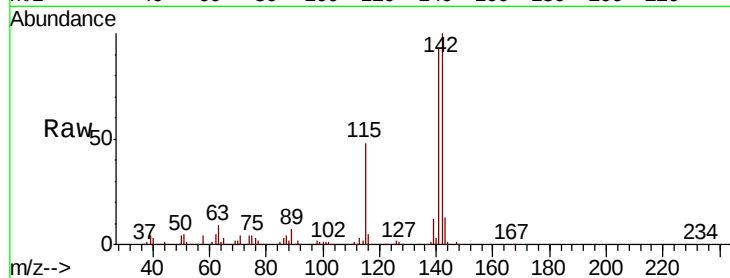




#37
2-Methylnaphthalene
Concen: 45.157 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

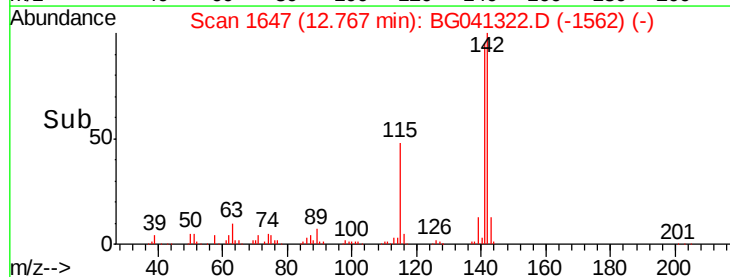
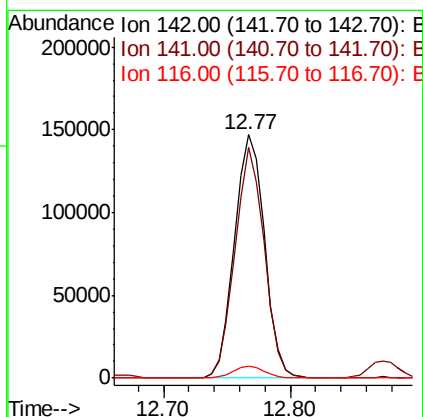
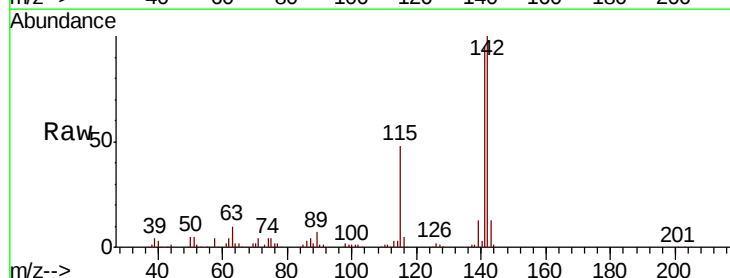
Instrument :
BNA_G
ClientSampleId :

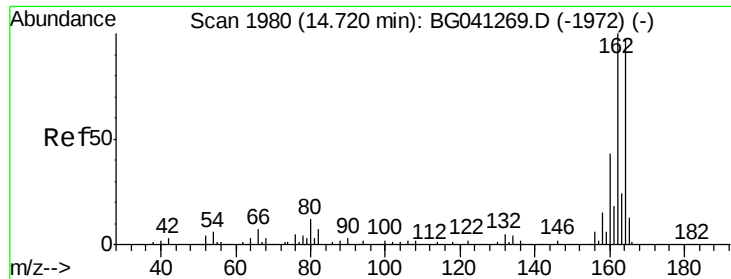
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.5	107.3
115	47.7	37.0	55.6



#38
1-Methylnaphthalene
Concen: 46.331 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.0	112.6
116	4.7	4.2	6.2

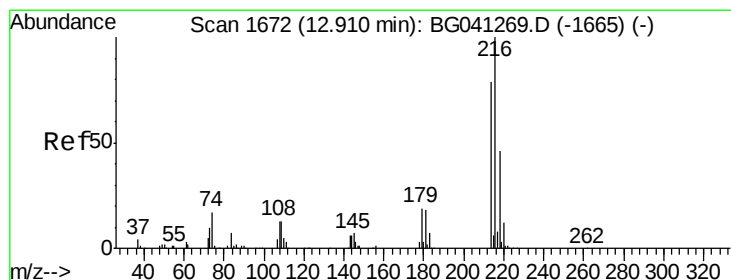
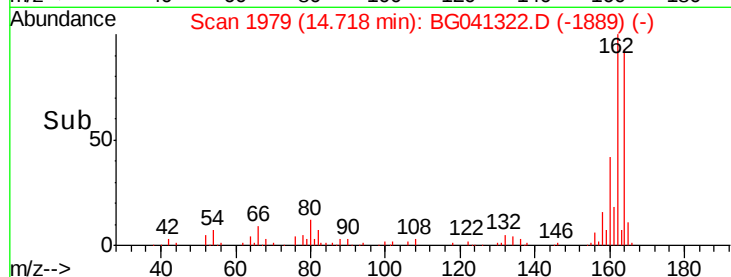
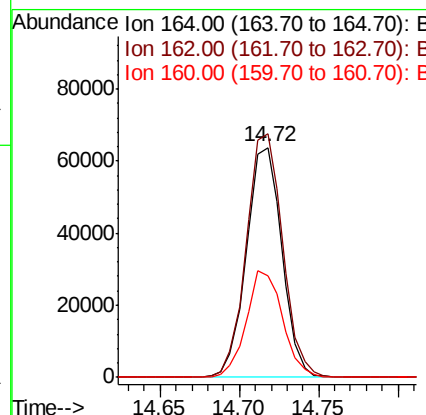
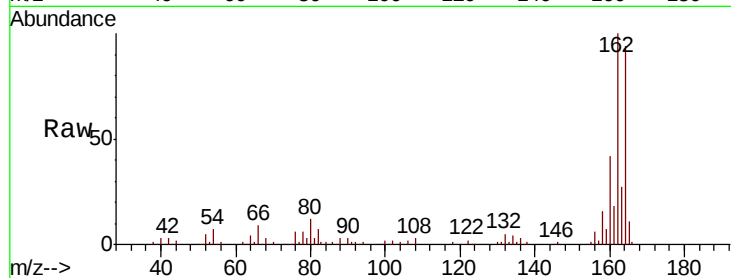




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

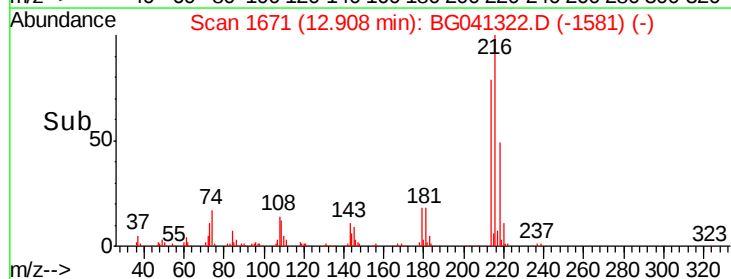
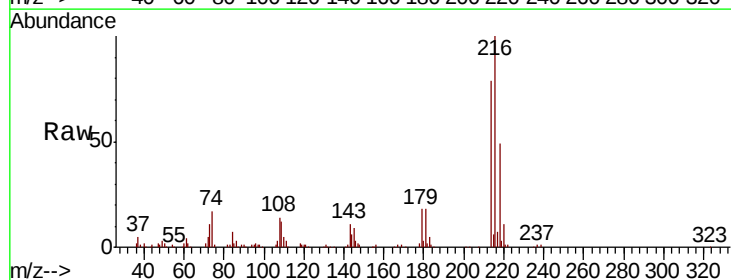
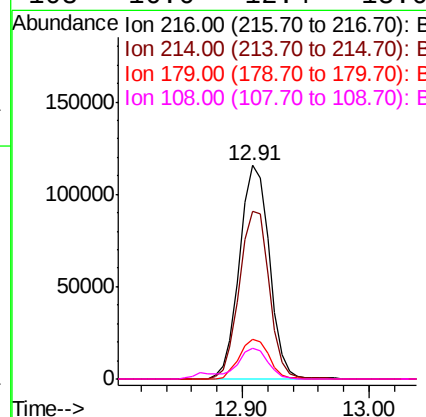
Instrument :
BNA_G
ClientSampleId :

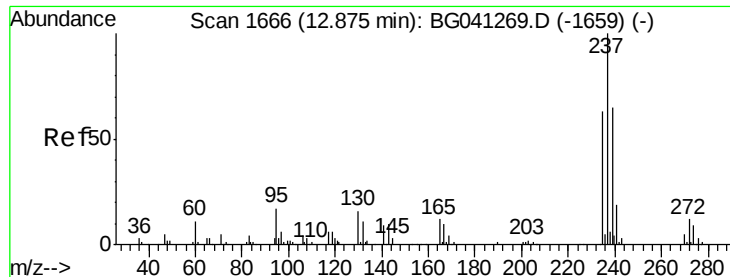
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.8	124.2
160	44.2	35.8	53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.153 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	18.4	15.2	22.8
108	16.6	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 66.102 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

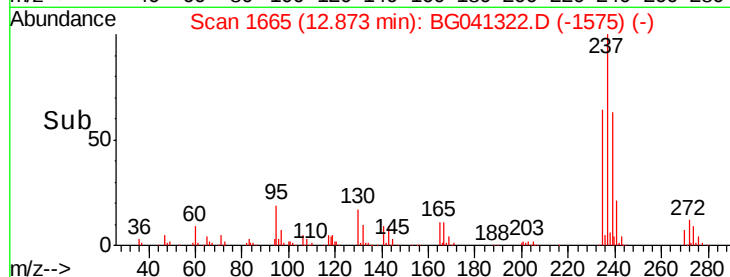
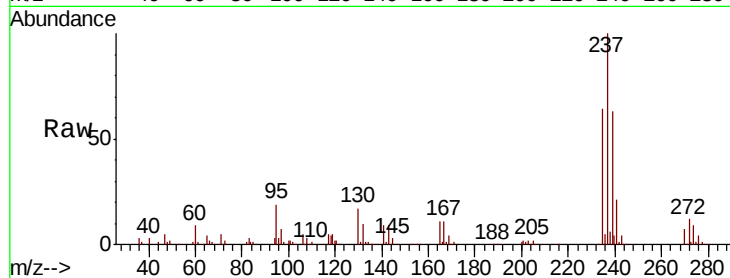
Tot Ion:237 Resp: 182145

Ion Ratio Lower Upper

237 100

235 63.7 42.9 82.9

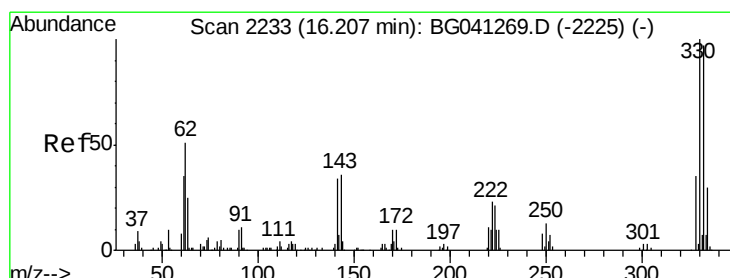
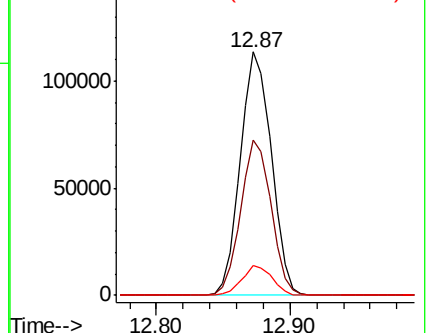
272 12.3 0.0 32.0



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: 152.495 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

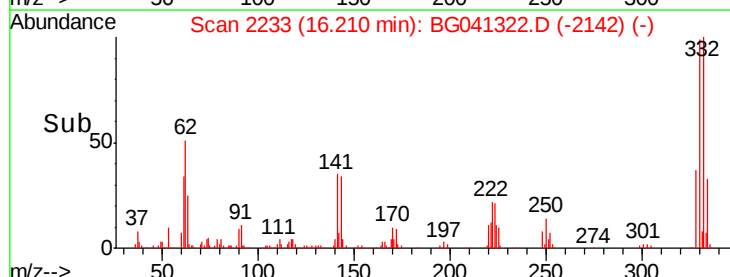
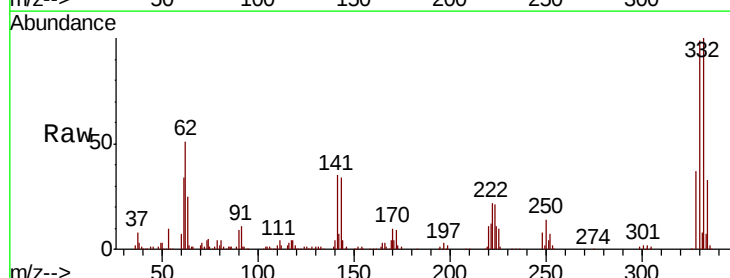
Tgt Ion:330 Resp: 231931

Ion Ratio Lower Upper

330 100

332 97.3 75.5 113.3

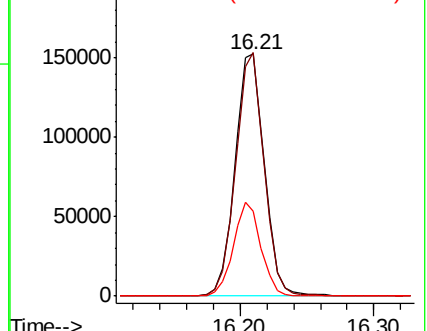
141 36.7 29.0 43.4

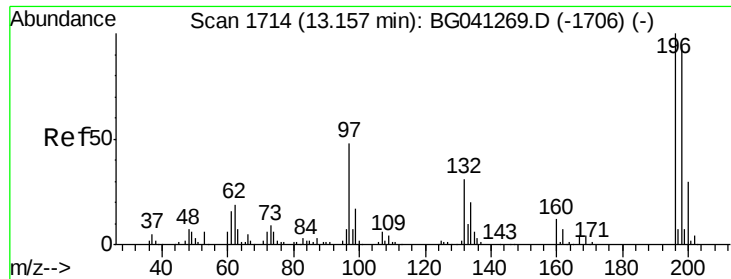


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

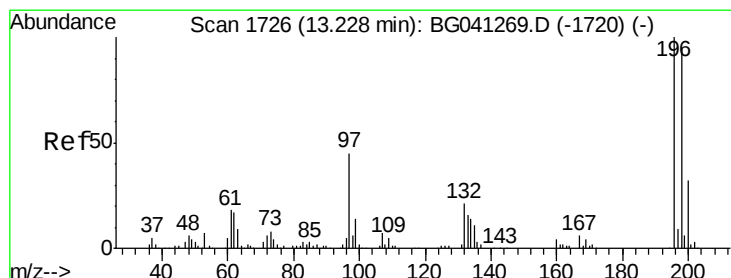
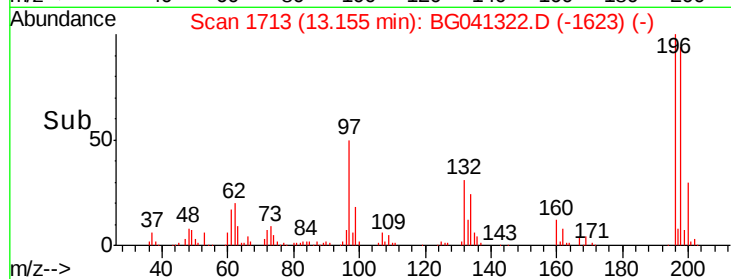
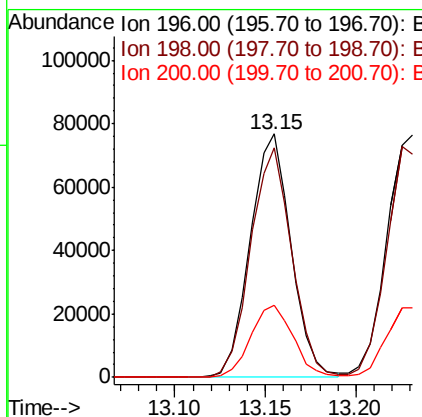
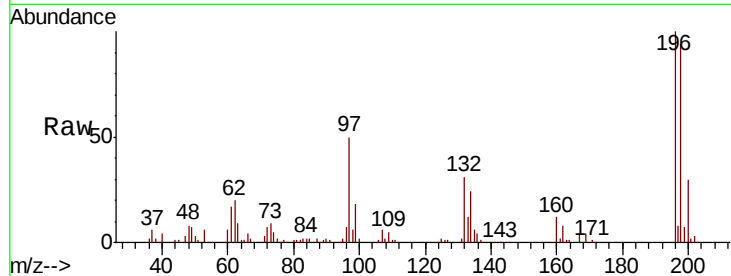




#43
 2,4,6-Trichlorophenol
 Concen: 47.390 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

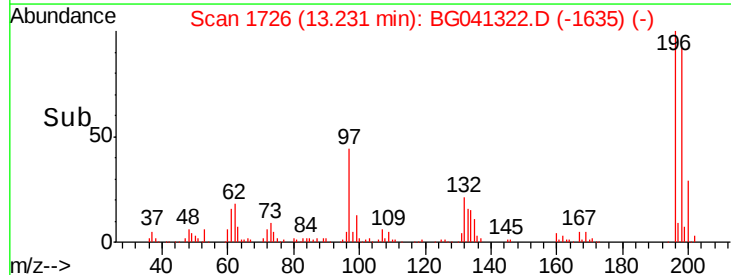
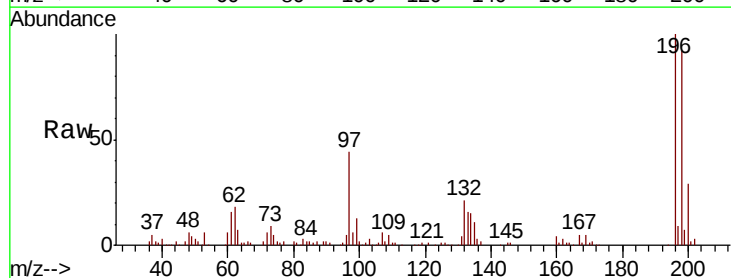
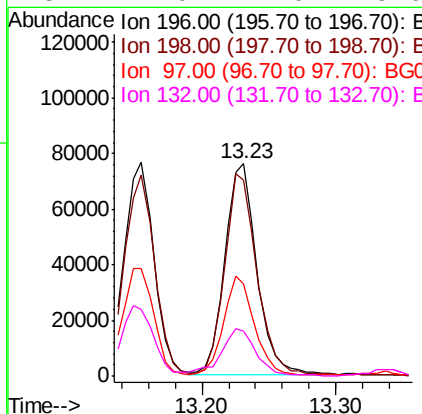
Instrument :
 BNA_G
 ClientSampleId :

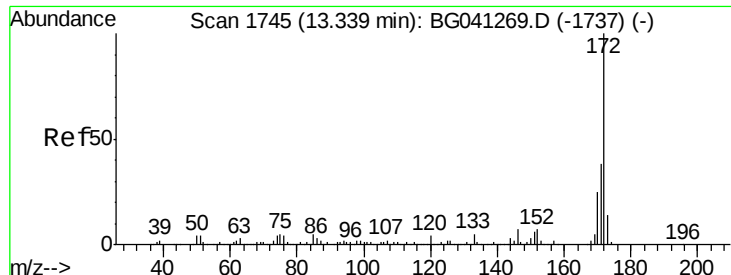
Tot Ion	196	Resp	119927
Ion Ratio	Lower	Upper	
196	100		
198	94.1	74.9	112.3
200	29.6	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.043 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	196	Resp	127700
Ion Ratio	Lower	Upper	
196	100		
198	92.2	76.1	114.1
97	43.7	35.9	53.9
132	21.0	17.0	25.6

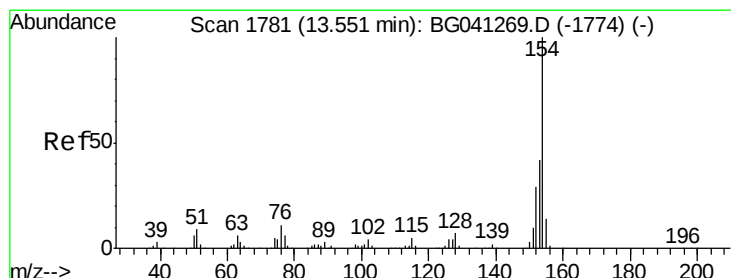
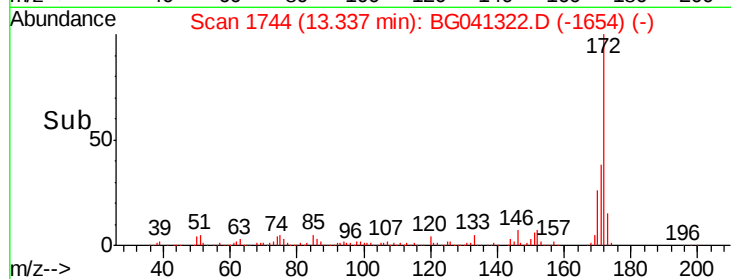
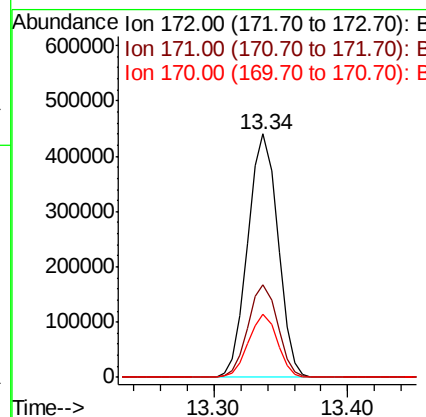
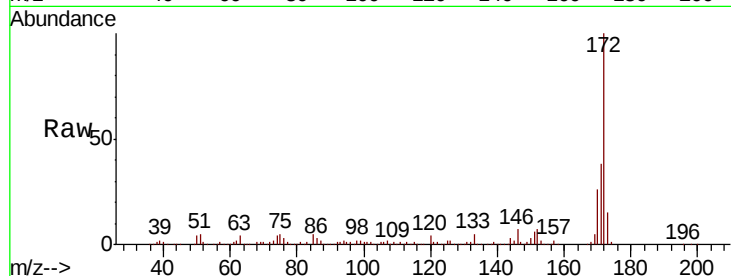




#45
 2-Fluorobiphenyl
 Concen: 93.967 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

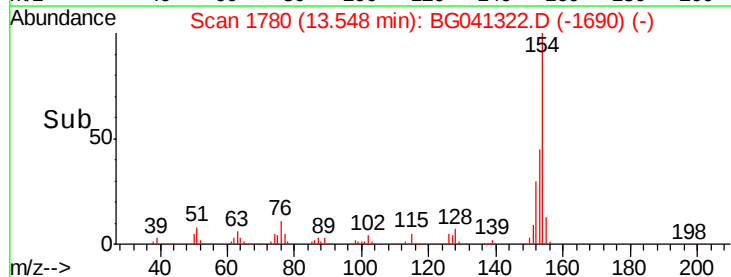
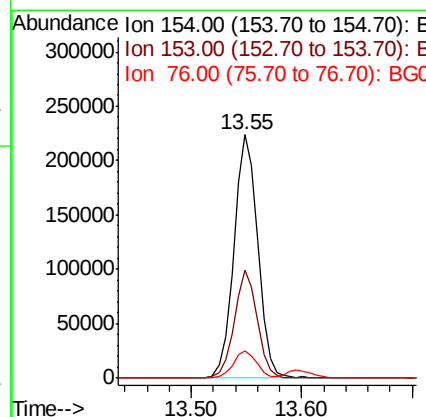
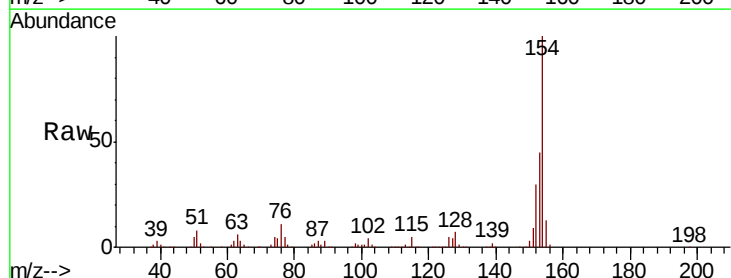
Instrument :
 BNA_G
 ClientSampled :

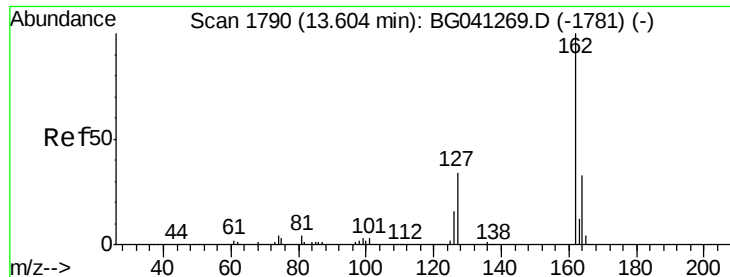
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.9	19.8	29.6



#46
 1,1'-Biphenyl
 Concen: 45.160 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	22.3	62.3
76	11.2	0.0	30.8

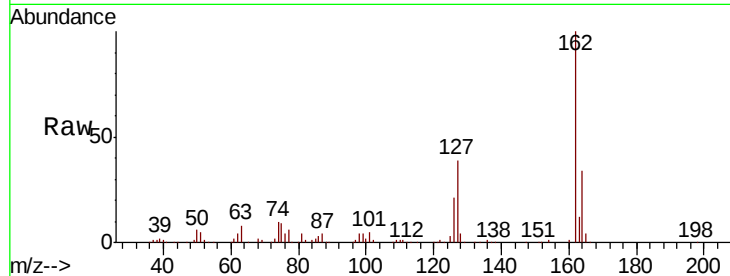




#47
2-Chloronaphthalene
Concen: 43.879 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.4
164	33.8	26.1	39.1

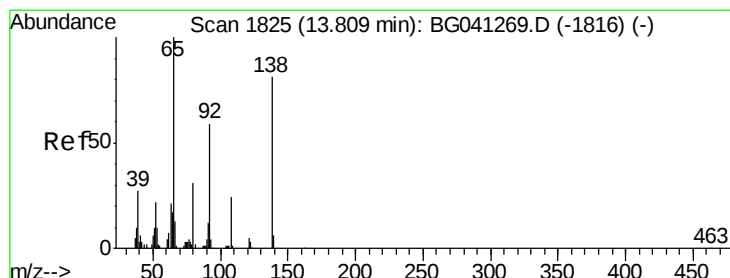
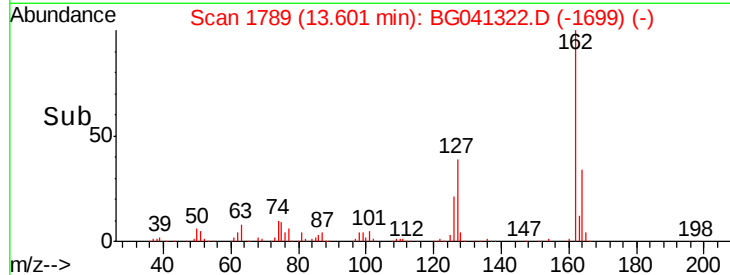
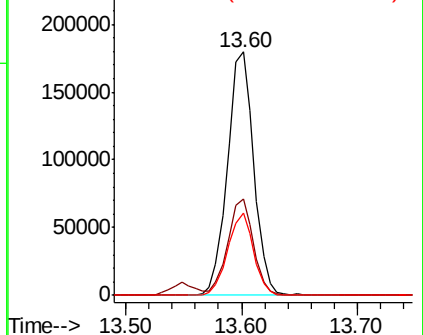


Abundance

Ion 162.00 (161.70 to 162.70): E

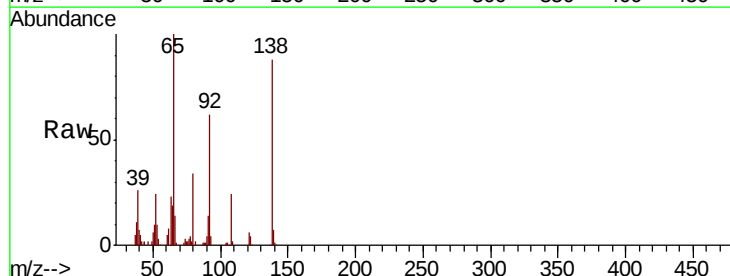
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.192 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	47.4	71.2
138	87.6	64.7	97.1

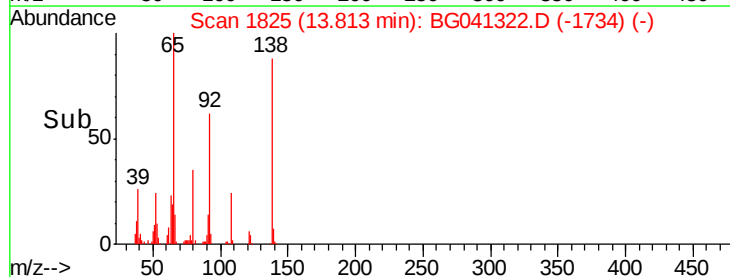
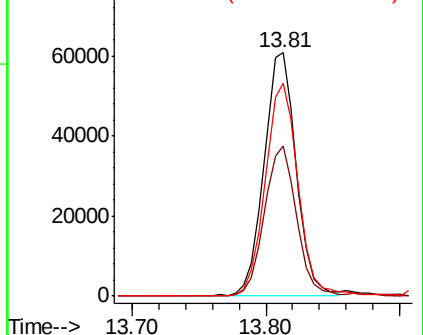


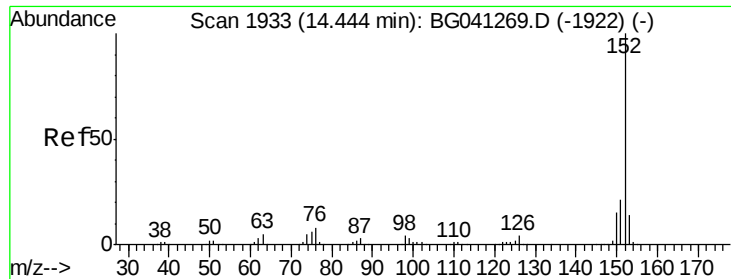
Abundance

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: 45.484 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

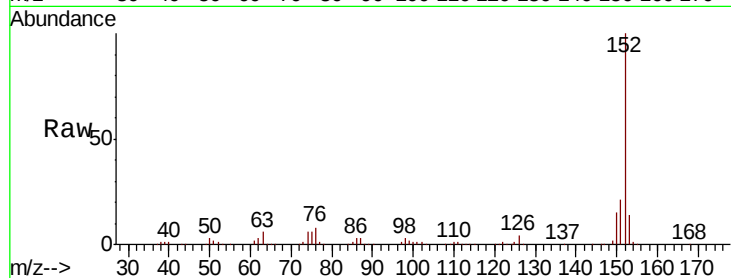
Tot Ion:152 Resp: 445048

Ion Ratio Lower Upper

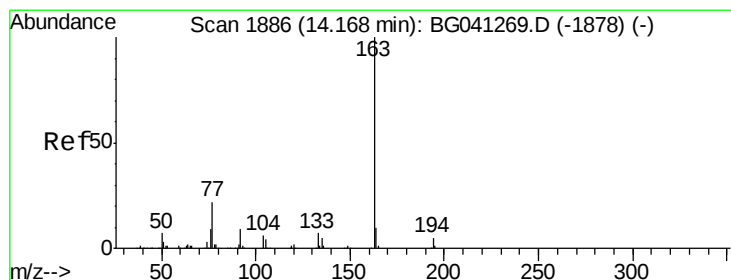
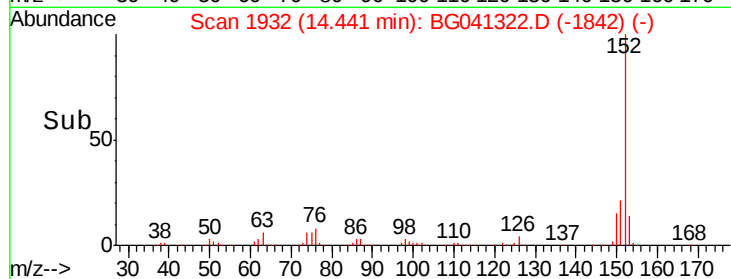
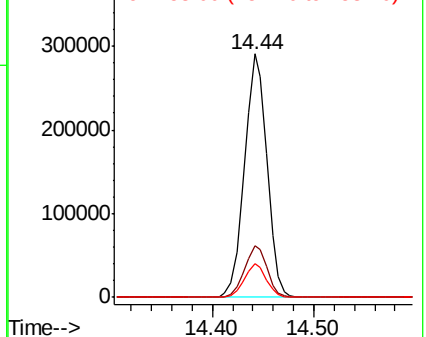
152 100

151 21.1 16.8 25.2

153 13.7 10.8 16.2



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: 43.430 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

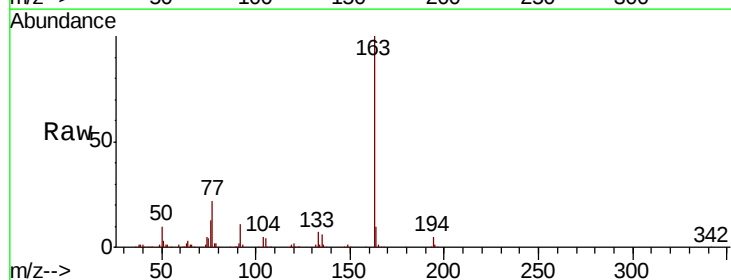
Tgt Ion:163 Resp: 382821

Ion Ratio Lower Upper

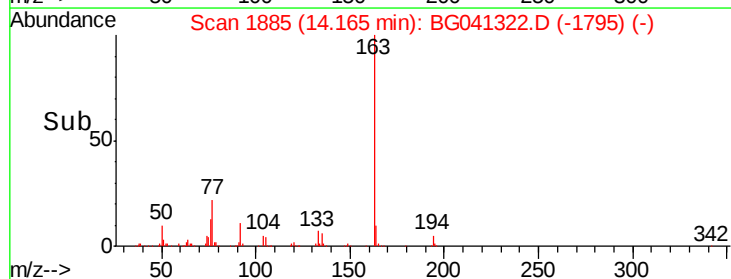
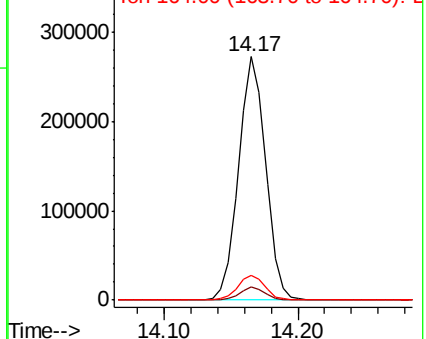
163 100

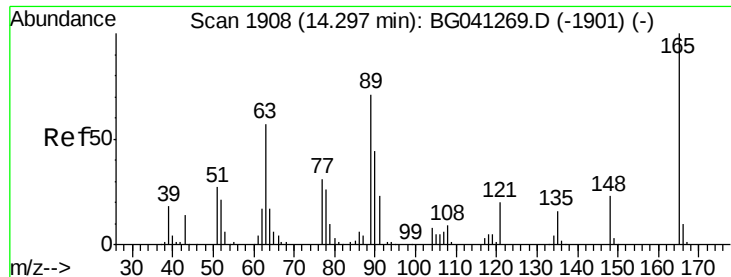
194 5.3 3.9 5.9

164 10.0 8.3 12.5



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

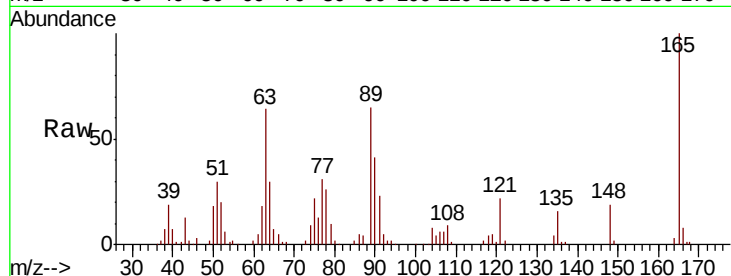




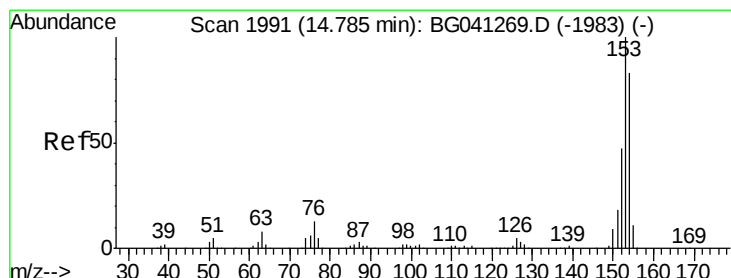
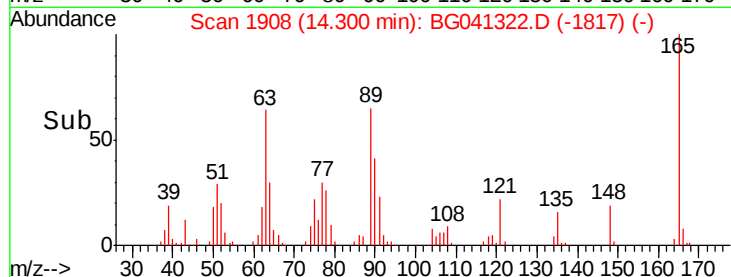
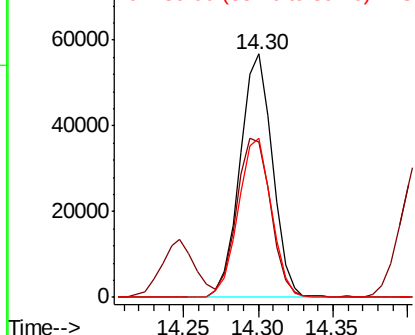
#51
2,6-Dinitrotoluene
Concen: 46.037 ng
RT: 14.30 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 85565
Ion Ratio Lower Upper
165 100
63 63.7 55.4 83.0
89 65.4 56.5 84.7

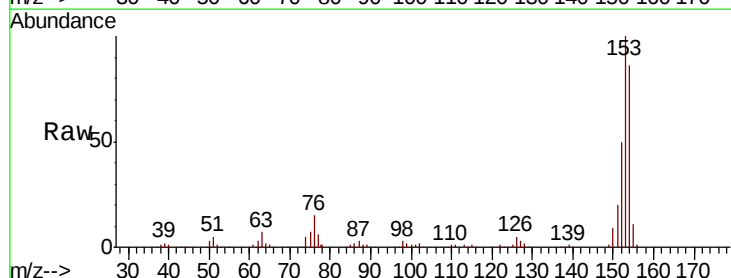


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

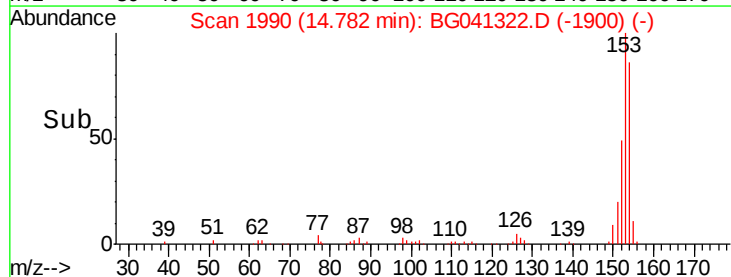
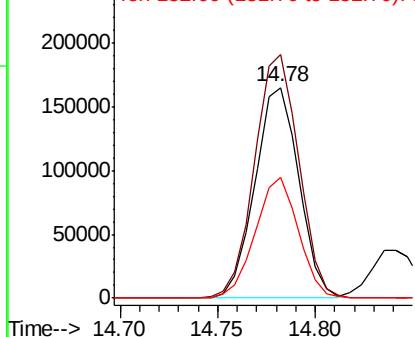


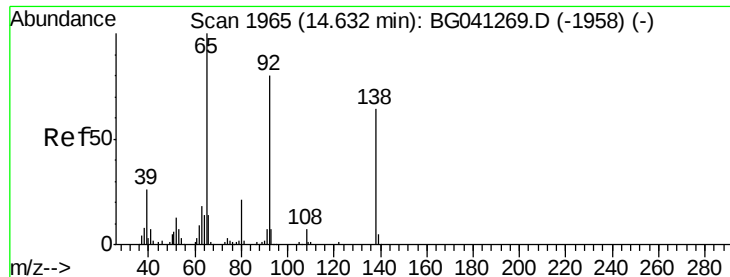
#52
Acenaphthene
Concen: 44.803 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:154 Resp: 257420
Ion Ratio Lower Upper
154 100
153 115.7 96.6 145.0
152 57.4 45.5 68.3



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

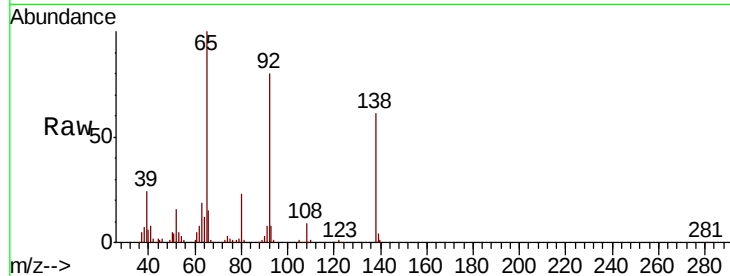




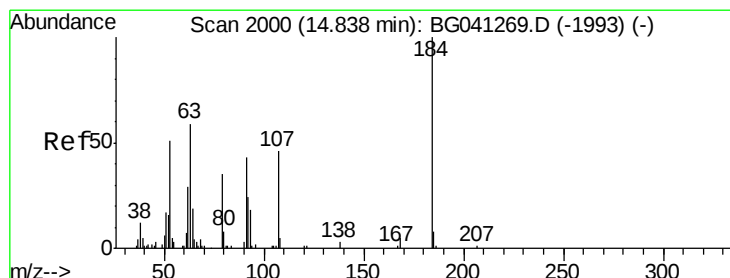
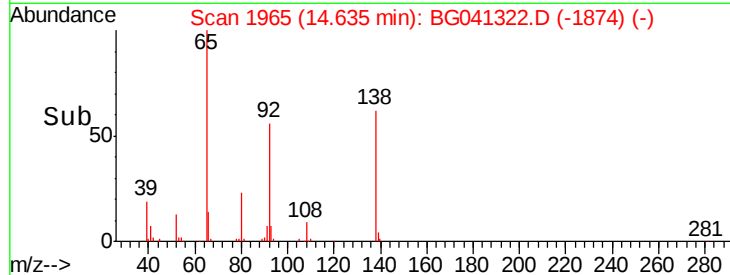
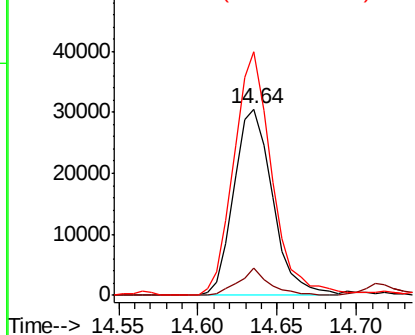
#53
 3-Nitroaniline
 Concen: 28.272 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 51770
 Ion Ratio Lower Upper
 138 100
 108 14.9 8.3 12.5#
 92 130.8 100.2 150.4

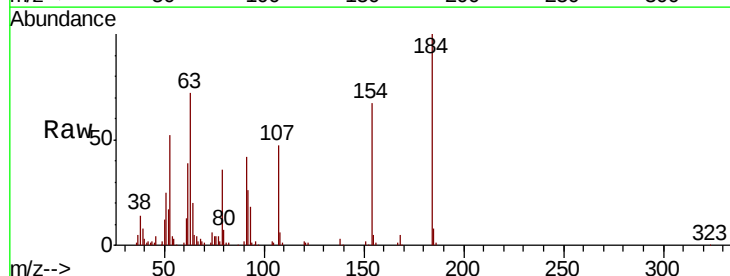


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

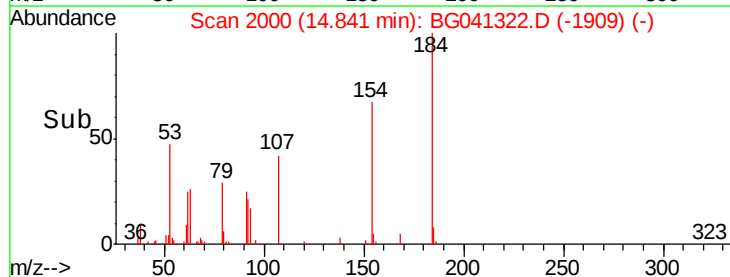
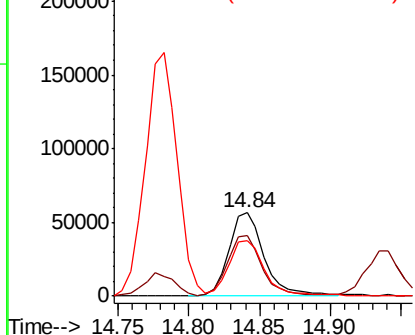


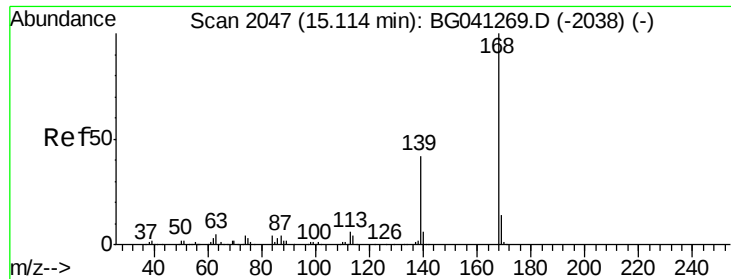
#54
 2,4-Dinitrophenol
 Concen: 73.557 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion:184 Resp: 97748
 Ion Ratio Lower Upper
 184 100
 63 72.4 60.0 90.0
 154 66.6 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

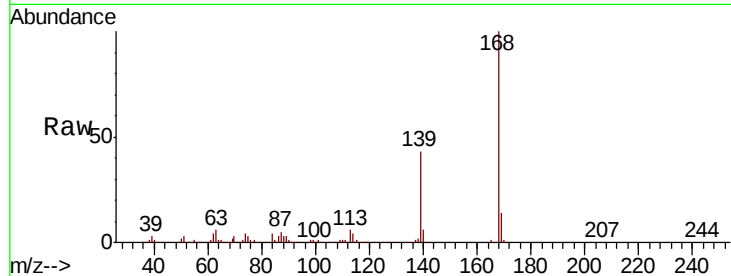




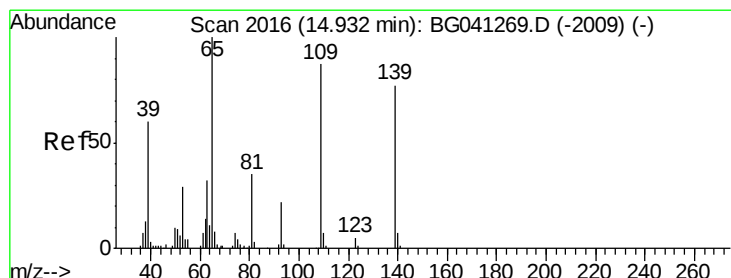
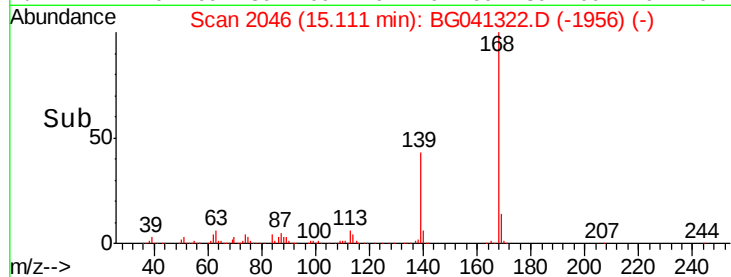
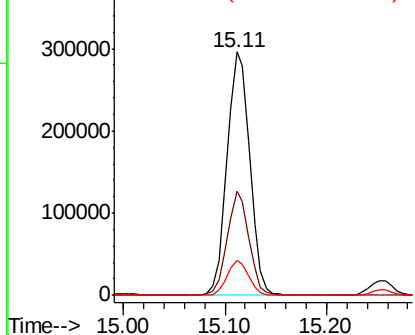
#55
Dibenzofuran
Concen: 46.091 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 460435
Ion Ratio Lower Upper
168 100
139 42.7 33.6 50.4
169 14.3 10.8 16.2

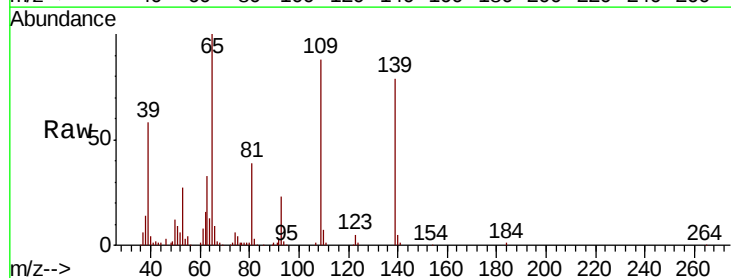


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

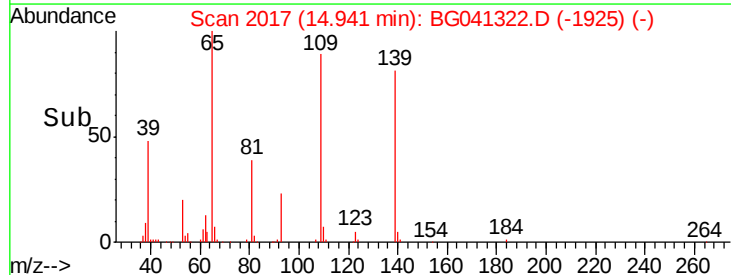
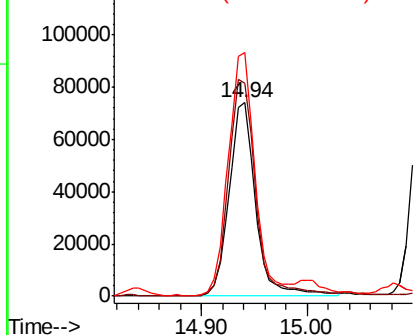


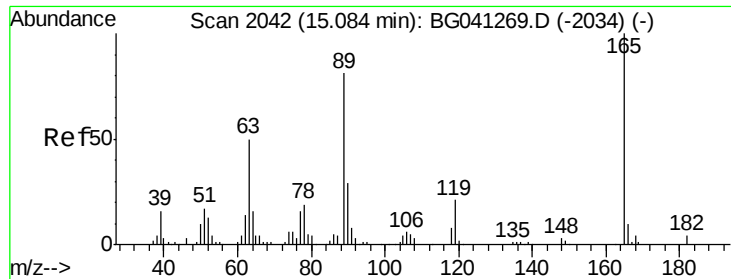
#56
4-Nitrophenol
Concen: 91.702 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:139 Resp: 128250
Ion Ratio Lower Upper
139 100
109 110.4 93.2 133.2
65 126.1 110.2 150.2



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

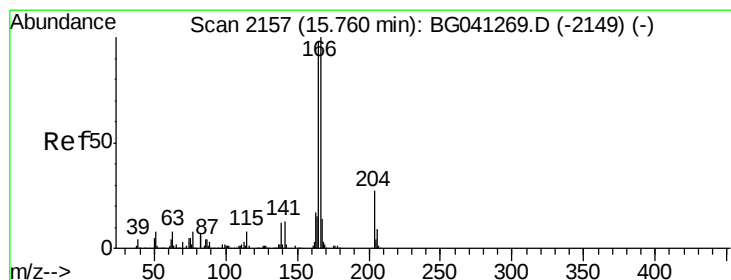
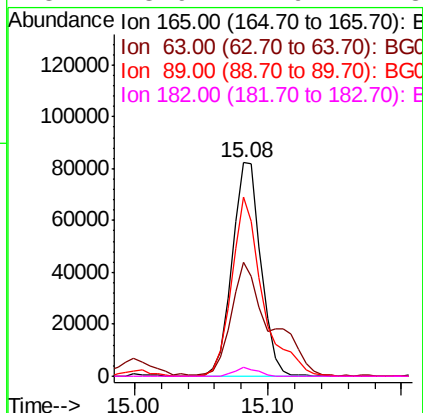
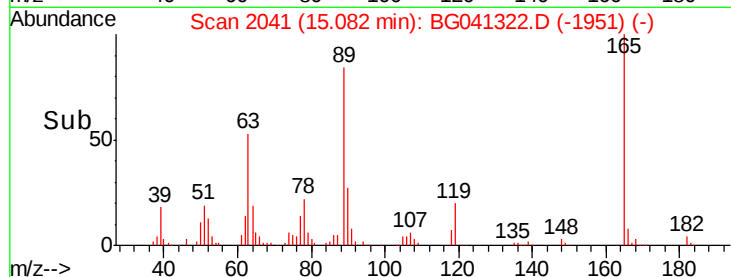
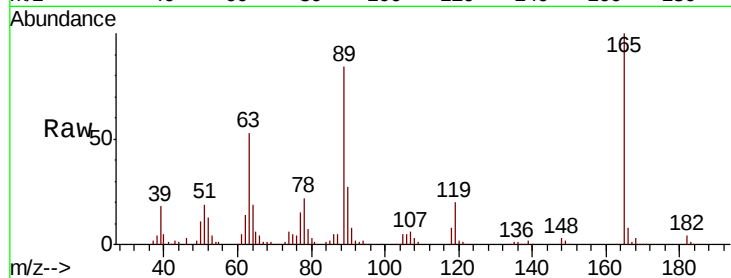




#57
2,4-Dinitrotoluene
Concen: 45.388 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

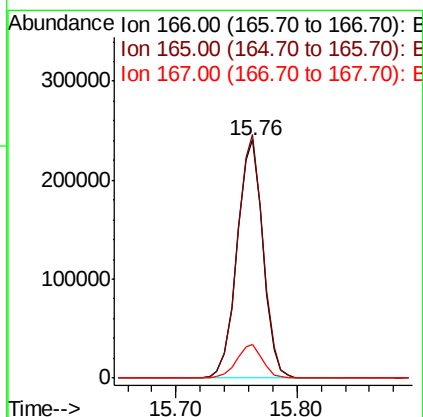
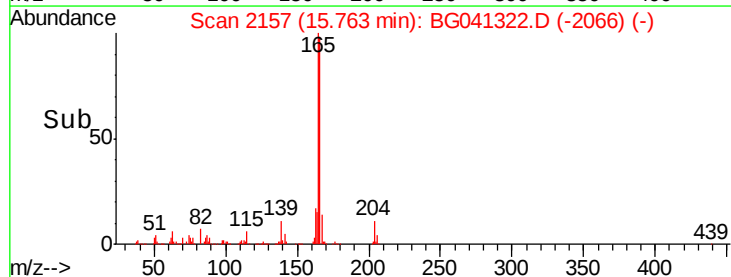
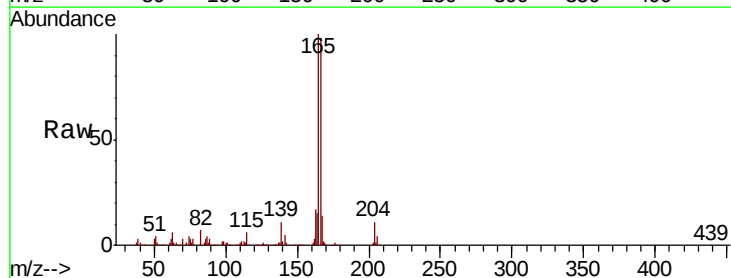
Instrument :
BNA_G
ClientSampleId :

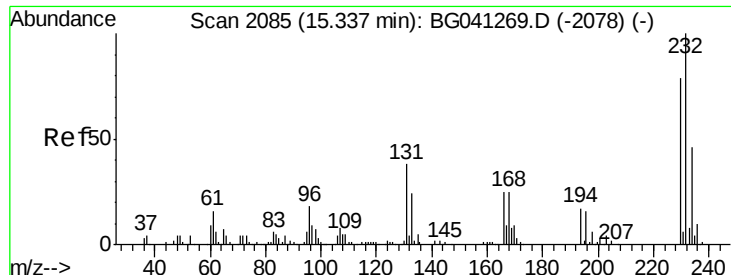
Tot Ion:165	Resp:	123315
Ion Ratio	Lower	Upper
165	100	
63	53.5	40.0 60.0
89	84.1	64.6 96.8
182	3.9	2.9 4.3



#58
Fluorene
Concen: 45.821 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:166	Resp:	360077
Ion Ratio	Lower	Upper
166	100	
165	102.1	78.8 118.2
167	14.1	11.3 16.9

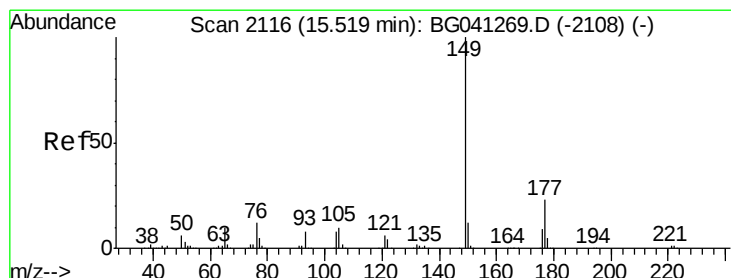
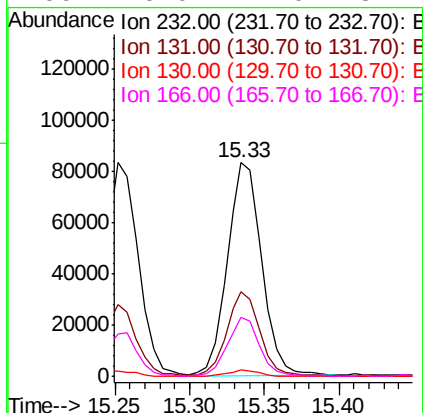
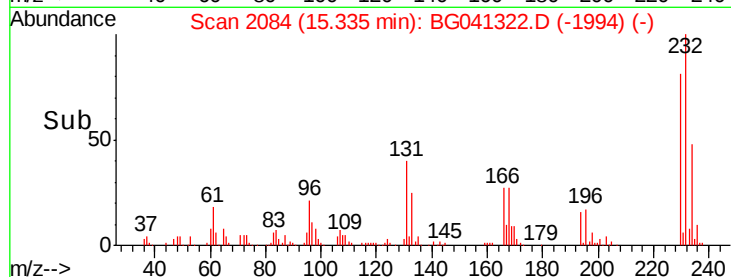
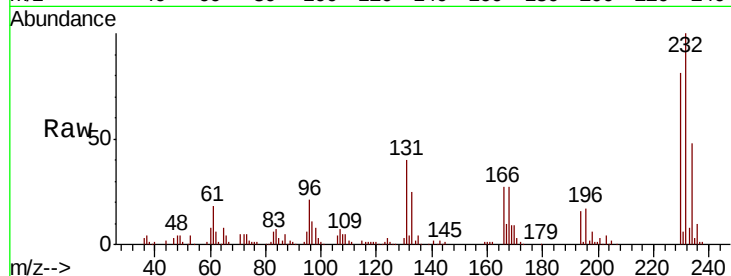




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.423 ng
 RT: 15.33 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

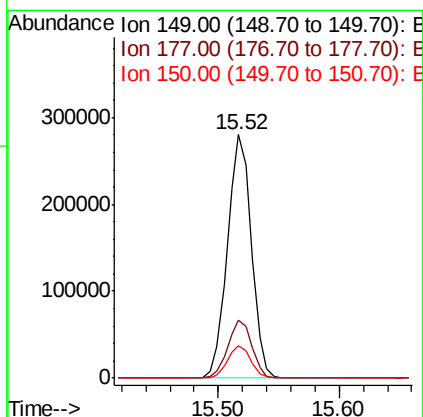
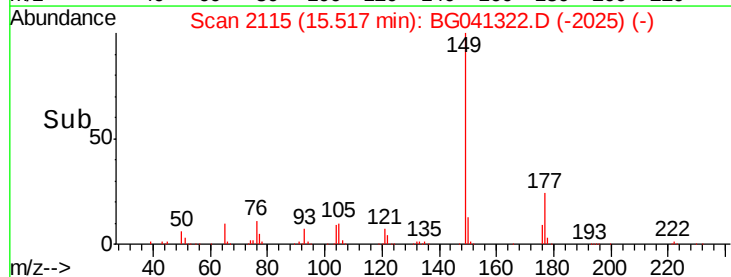
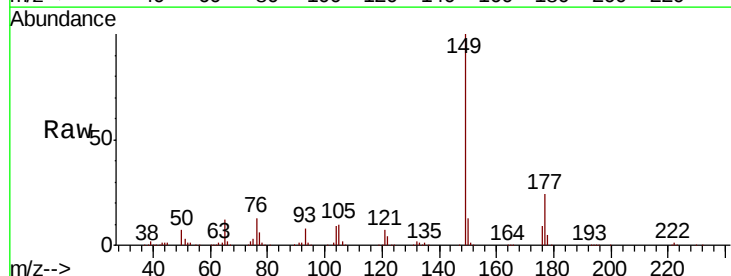
Instrument :
 BNA_G
 ClientSampleId :

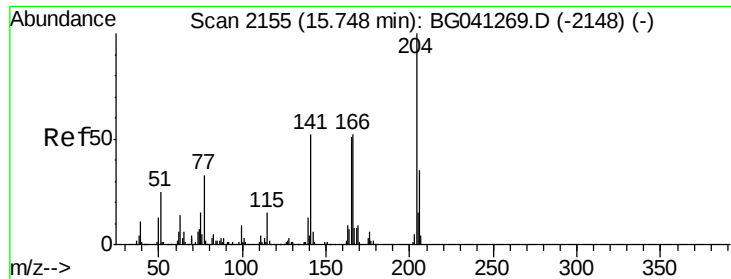
Tot Ion:	232	Resp:	133080
Ion	Ratio	Lower	Upper
232	100		
131	37.7	29.0	43.6
130	2.7	1.6	2.4#
166	26.0	21.0	31.4



#60
 Diethylphthalate
 Concen: 42.941 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion:	149	Resp:	384726
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.4	27.6
150	13.1	9.9	14.9

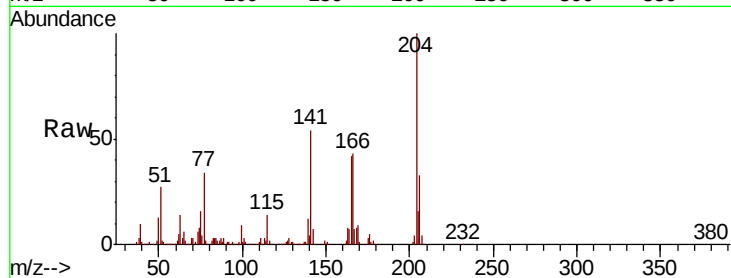




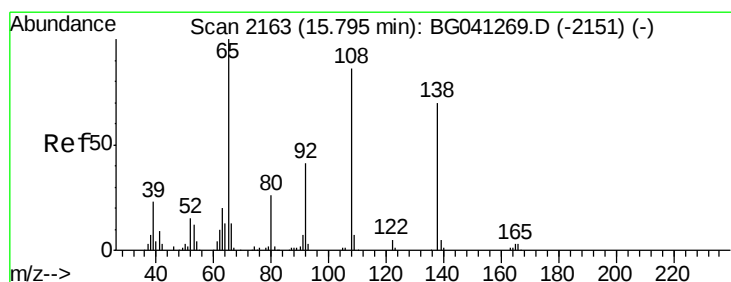
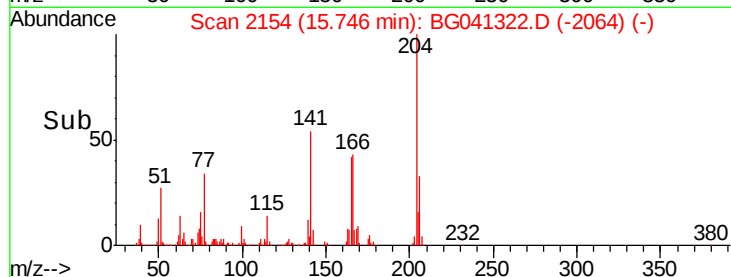
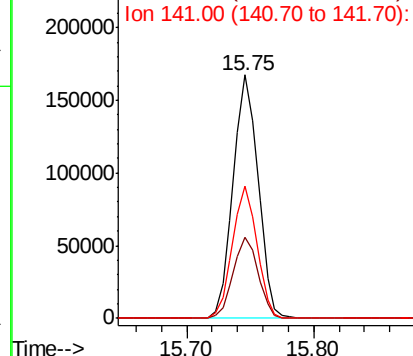
#61
4-Chlorophenyl-phenylether
Concen: 44.654 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 228310
Ion Ratio Lower Upper
204 100
206 33.3 27.9 41.9
141 54.2 41.4 62.0

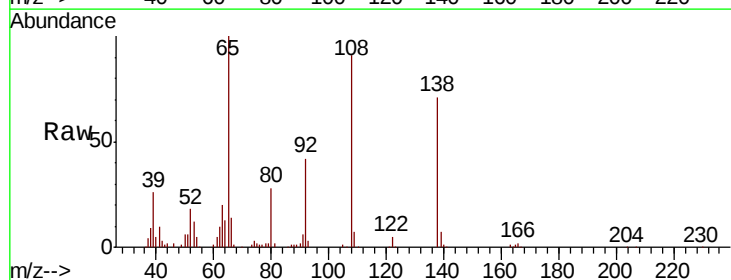


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

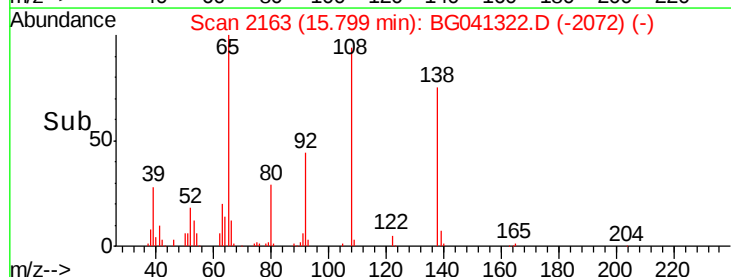
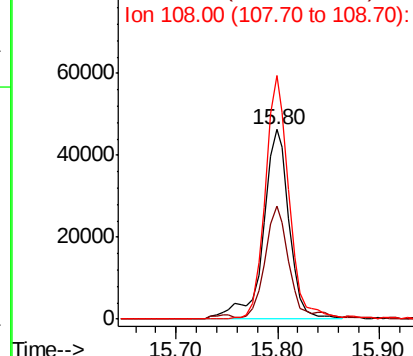


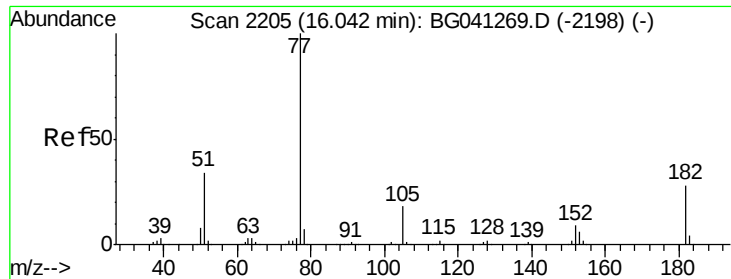
#62
4-Nitroaniline
Concen: 41.850 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:138 Resp: 81964
Ion Ratio Lower Upper
138 100
92 59.3 38.8 78.8
108 128.4 103.4 143.4



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: 45.506 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 363721

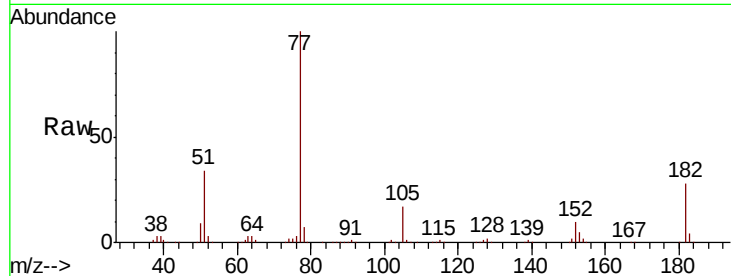
Ion Ratio Lower Upper

77 100

182 28.2 7.5 47.5

105 17.4 0.0 37.7

51 33.8 14.6 54.6

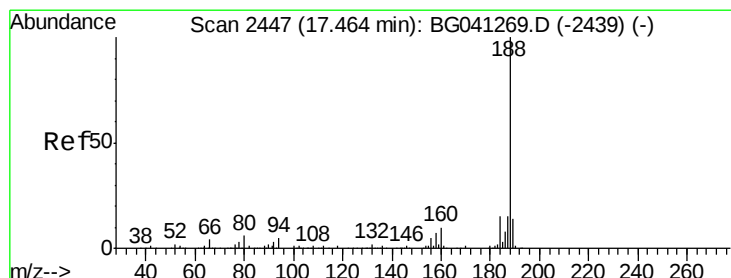
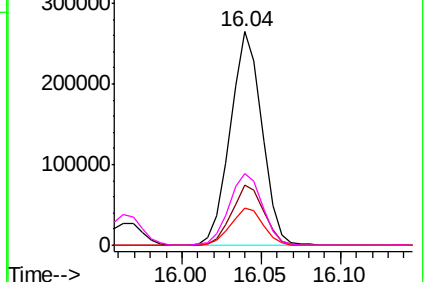
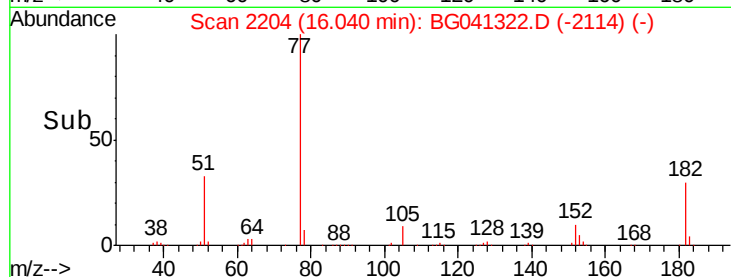


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

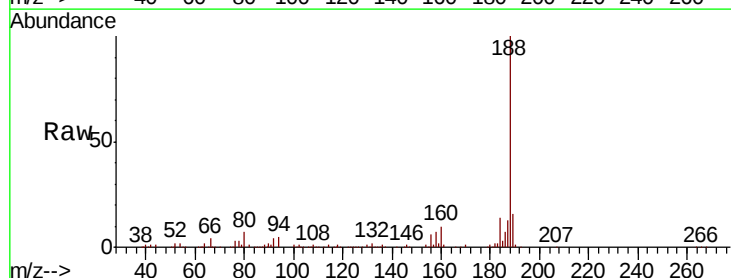
Tgt Ion: 188 Resp: 263905

Ion Ratio Lower Upper

188 100

94 5.0 3.6 5.4

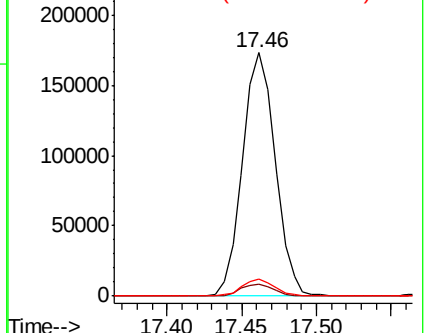
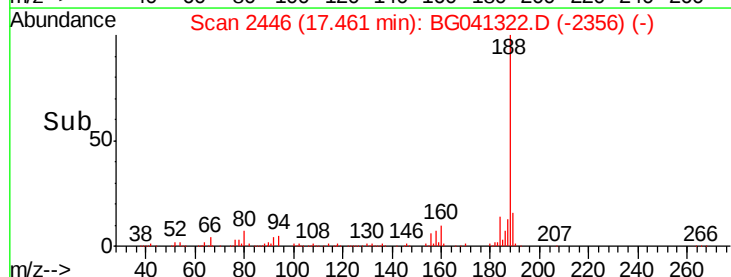
80 7.0 4.8 7.2

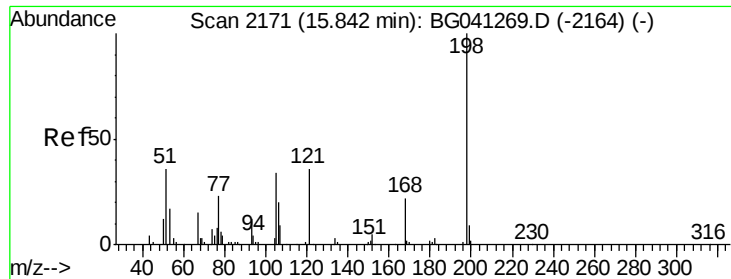


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.768 ng

RT: 15.85 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

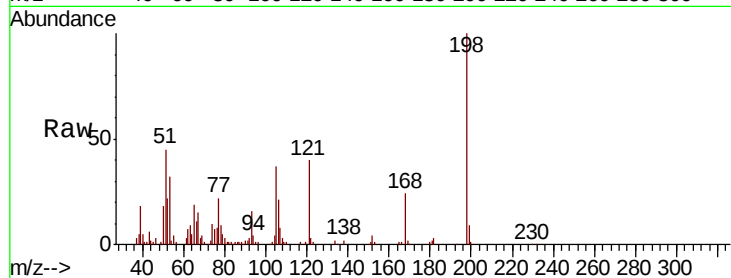
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 71547

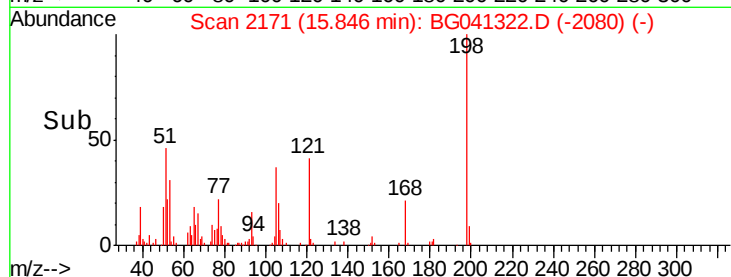
Ion	Ratio	Lower	Upper
198	100		
51	45.5	23.4	63.4
105	36.8	15.8	55.8



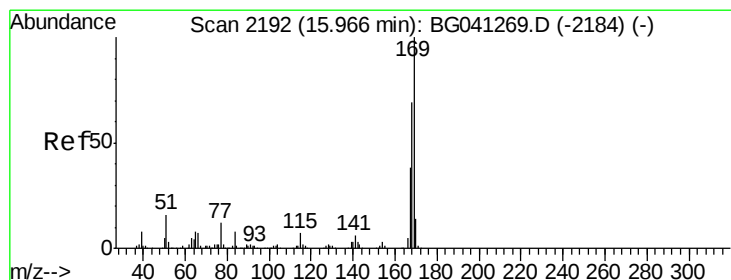
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 46.935 ng

RT: 15.96 min Scan# 2191

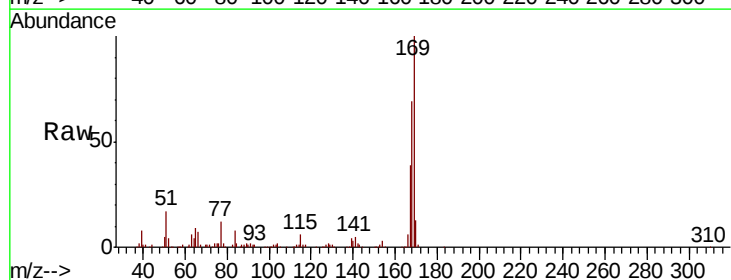
Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:169 Resp: 328892

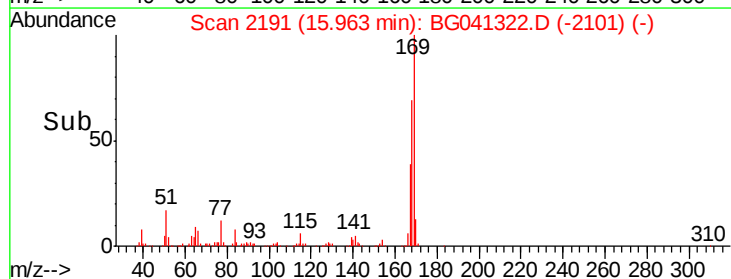
Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.2	82.8
167	38.9	30.4	45.6



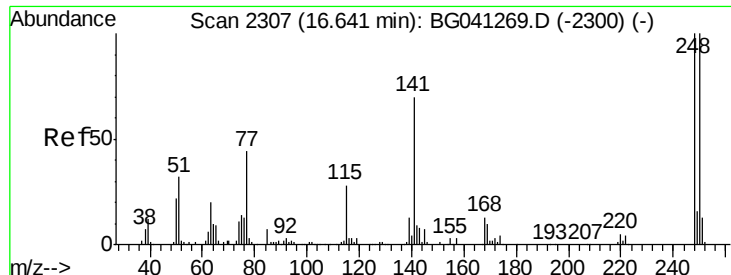
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



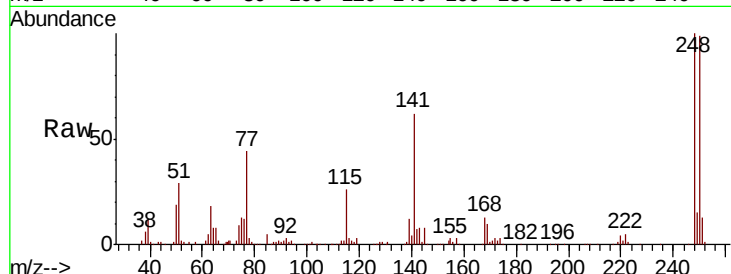
Time-->



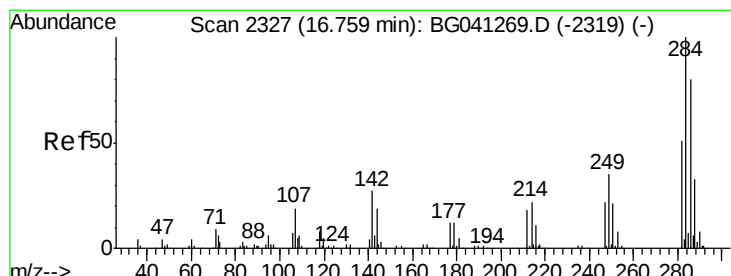
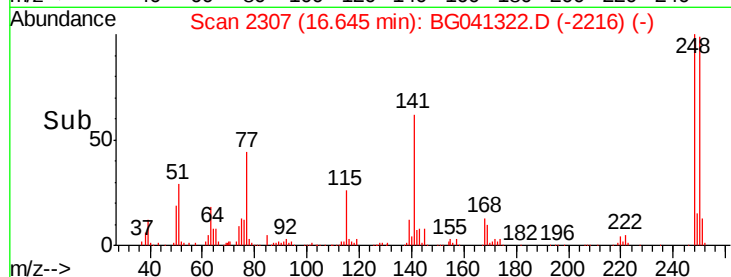
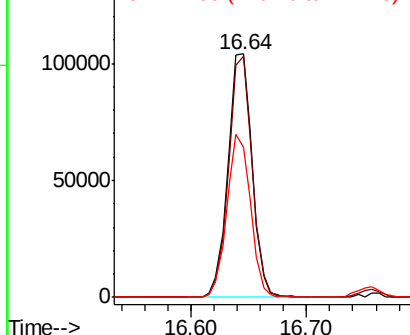
#67
 4-Bromophenyl-phenylether
 Concen: 44.109 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 150516
 Ion Ratio Lower Upper
 248 100
 250 99.2 79.8 119.8
 141 61.9 55.8 83.6

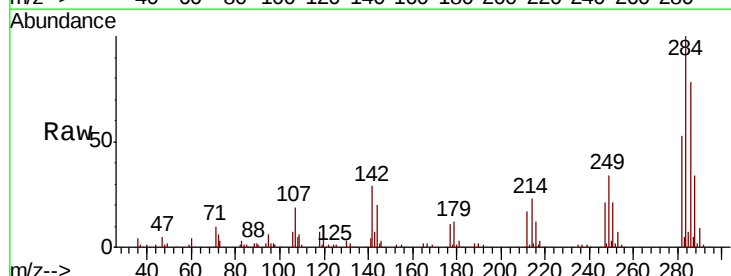


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

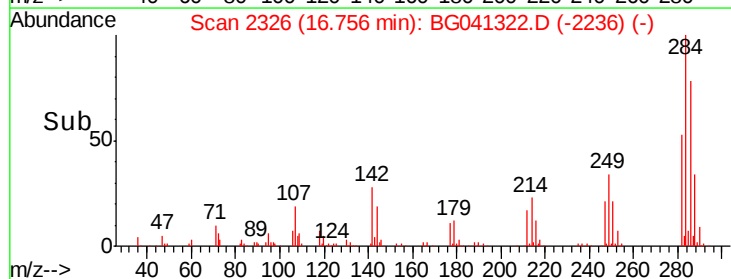
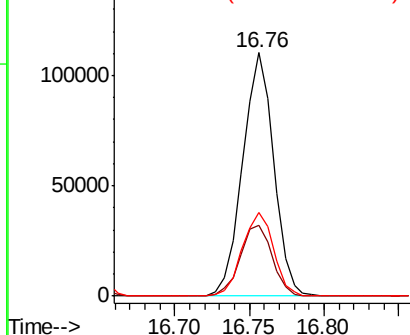


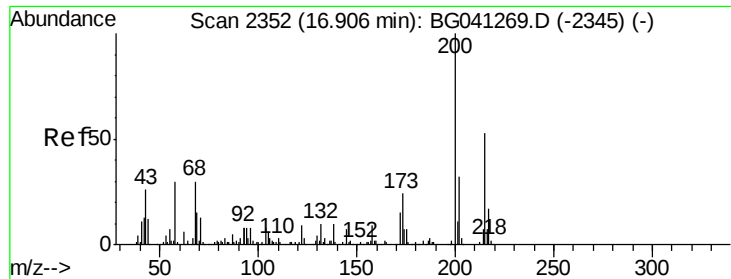
#68
 Hexachlorobenzene
 Concen: 43.441 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion:284 Resp: 158738
 Ion Ratio Lower Upper
 284 100
 142 28.8 21.8 32.8
 249 34.4 27.8 41.6



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: Below Cal

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampled :

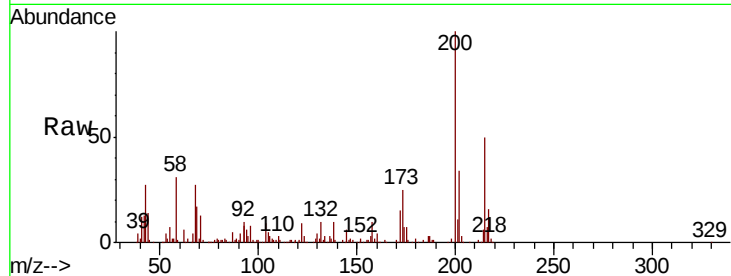
Tot Ion:200 Resp: 140370

Ion Ratio Lower Upper

200 100

173 24.6 4.0 44.0

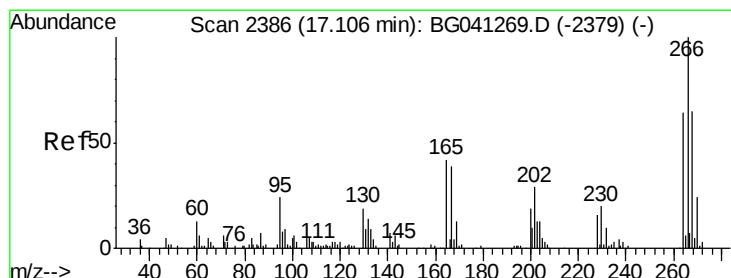
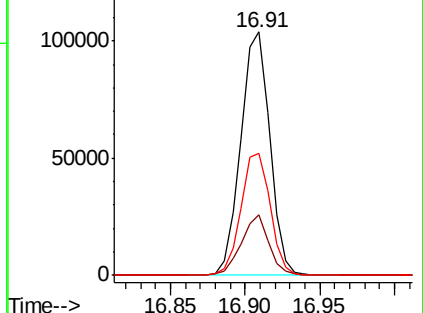
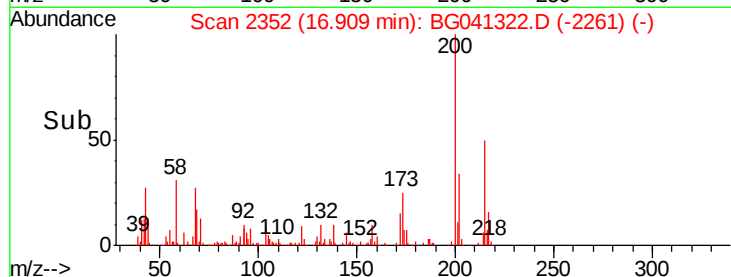
215 50.3 33.4 73.4



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: 97.423 ng

RT: 17.11 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

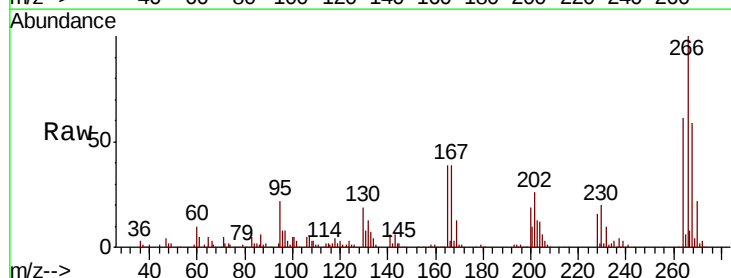
Tgt Ion:266 Resp: 182289

Ion Ratio Lower Upper

266 100

268 58.5 52.0 78.0

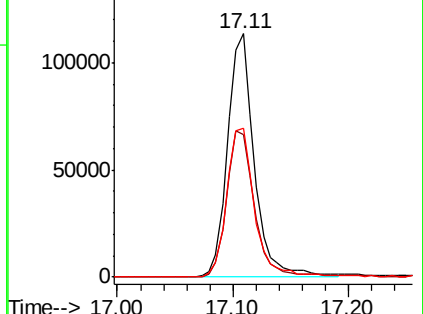
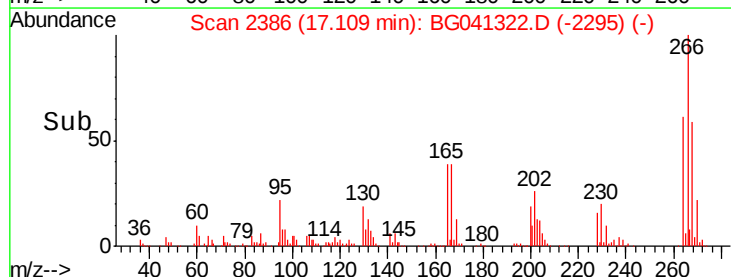
264 61.4 51.2 76.8

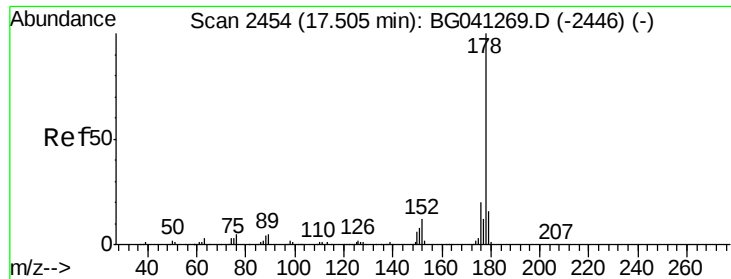


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

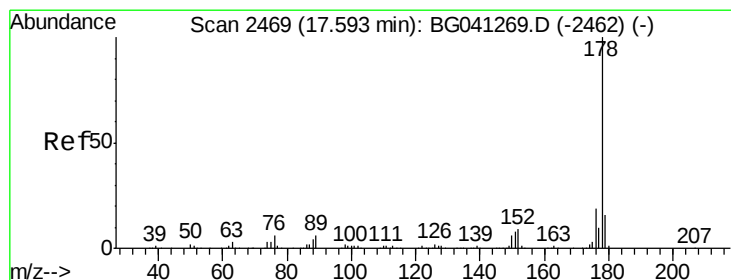
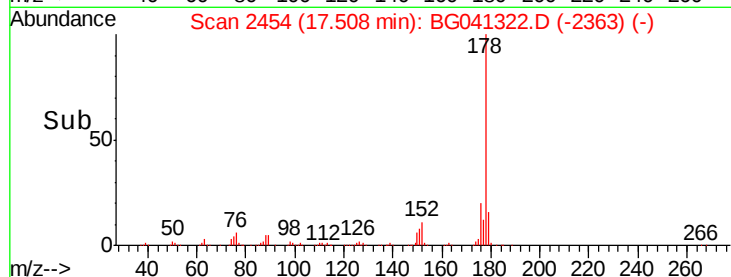
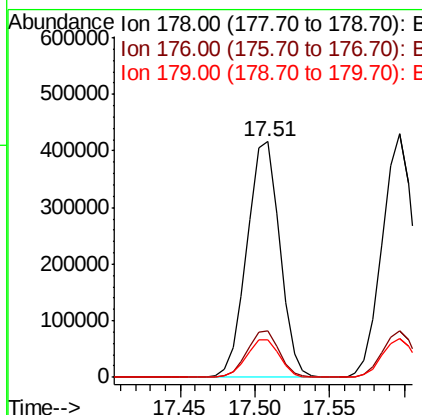
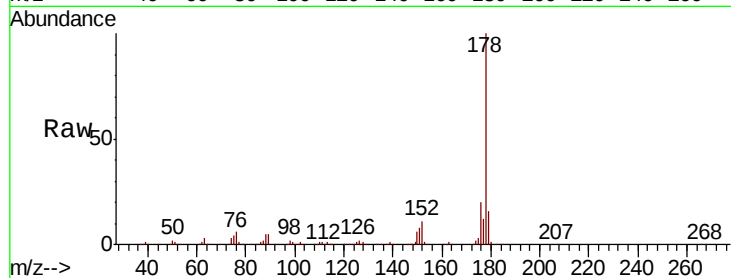




#71
Phenanthrene
Concen: 44.997 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

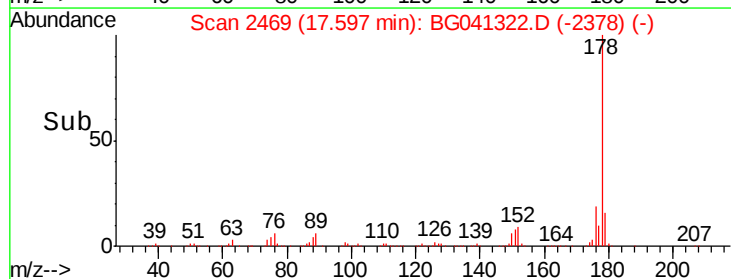
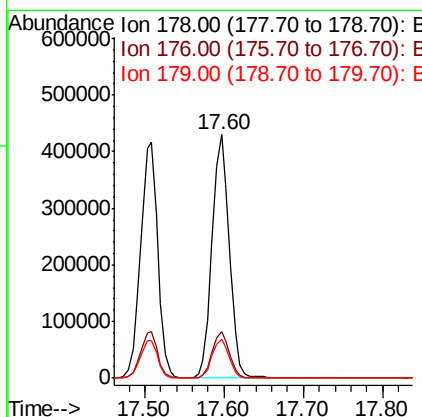
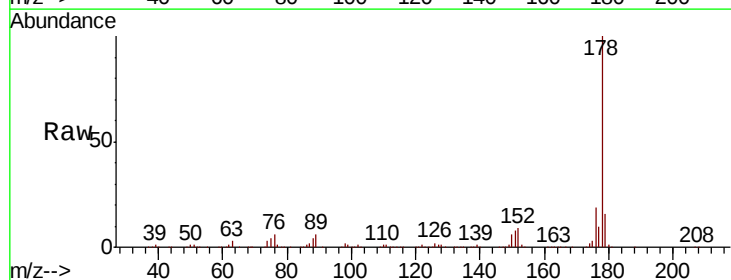
Instrument :
BNA_G
ClientSampleId :

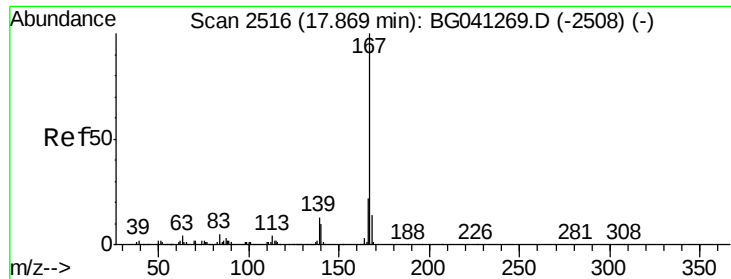
Tot Ion:178 Resp: 633337
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.2 12.9 19.3



#72
Anthracene
Concen: 46.784 ng
RT: 17.60 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:178 Resp: 649182
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.2 13.0 19.4

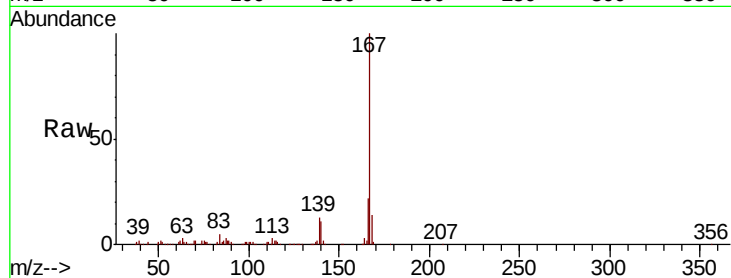




#73
 Carbazole
 Concen: 46.063 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	13.0	10.7	16.1

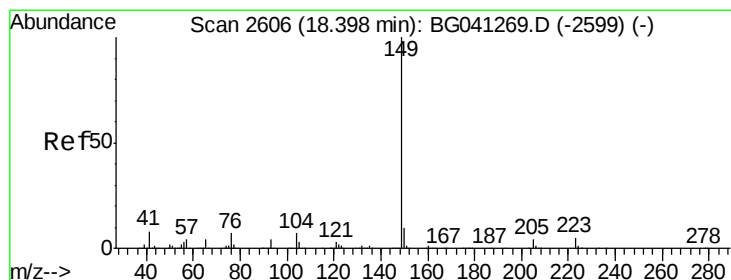
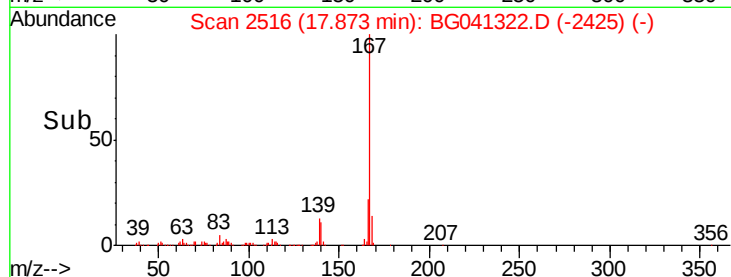
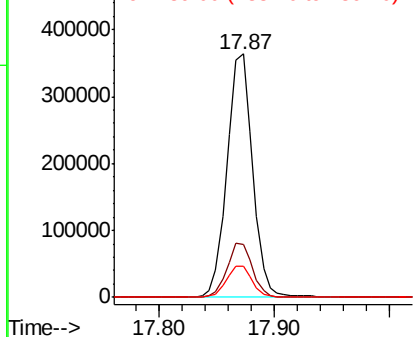


Abundance

Ion 167.00 (166.70 to 167.70): E

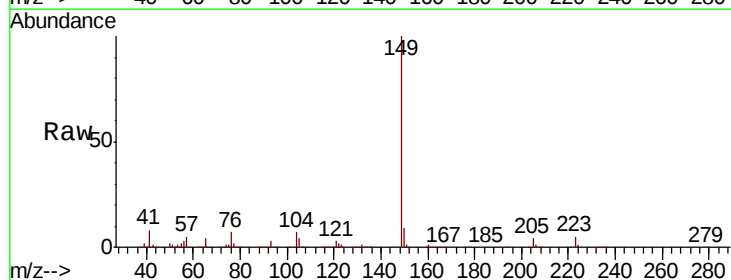
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.061 ng
 RT: 18.40 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	6.6	5.4	8.0

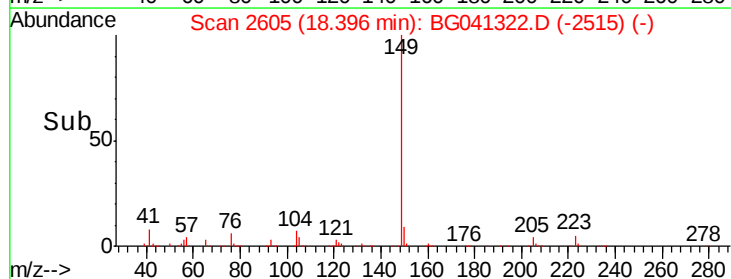
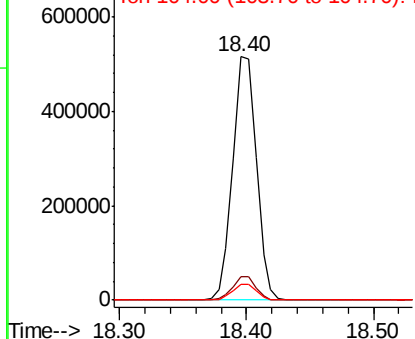


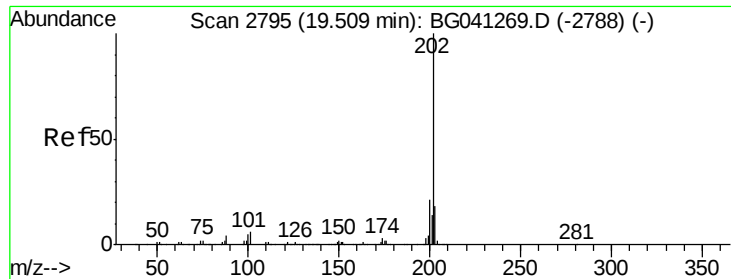
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.965 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

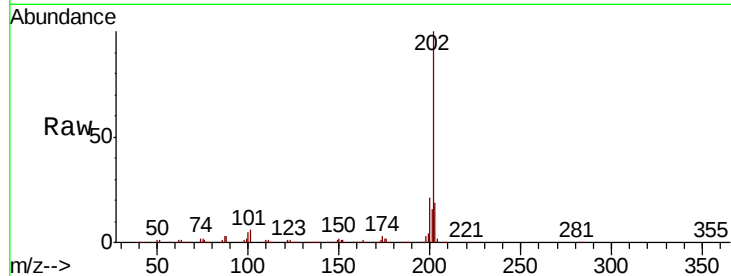
Tot Ion:202 Resp: 840802

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.0

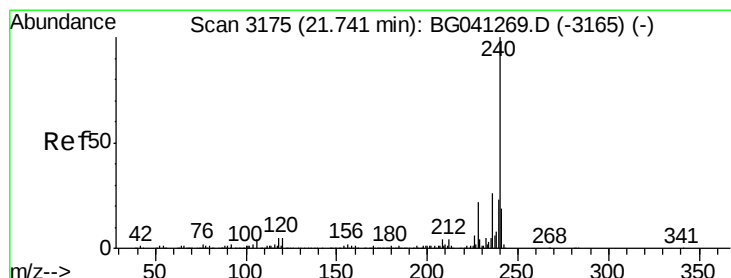
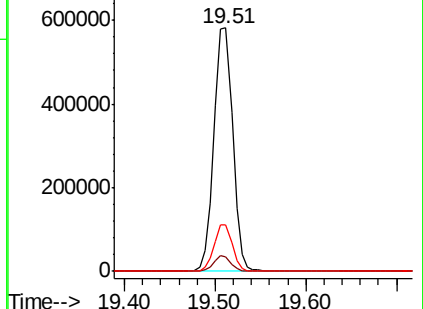
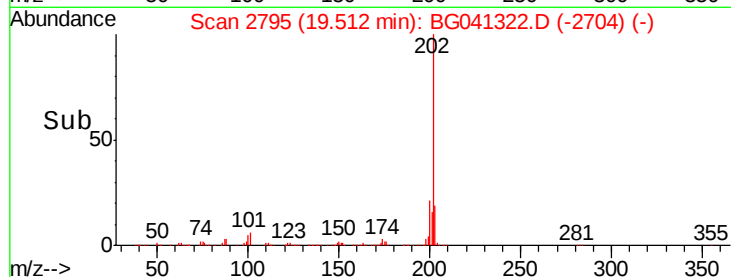
203 19.0 0.0 37.7



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: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

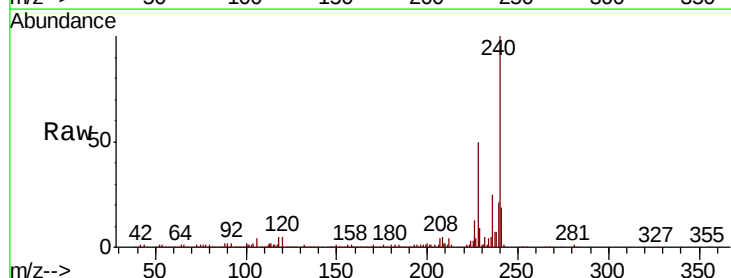
Tgt Ion:240 Resp: 277389

Ion Ratio Lower Upper

240 100

120 4.8 3.7 5.5

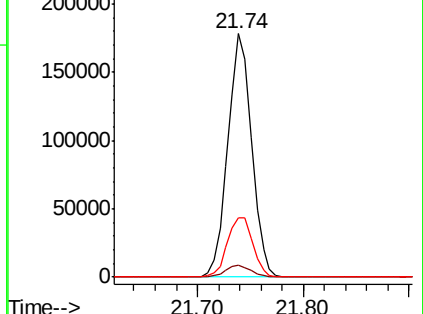
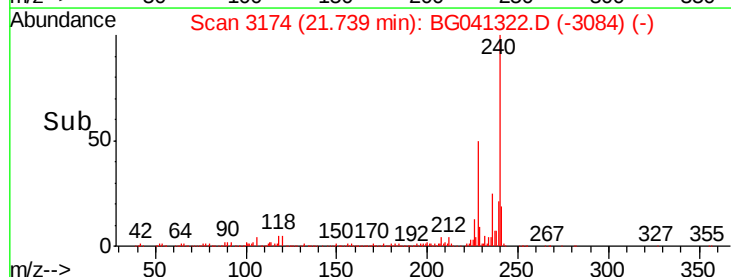
236 24.5 21.1 31.7

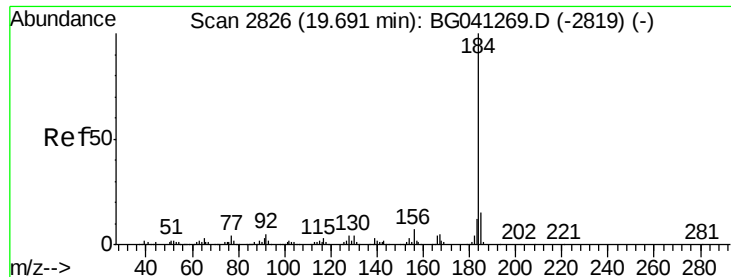


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.047 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

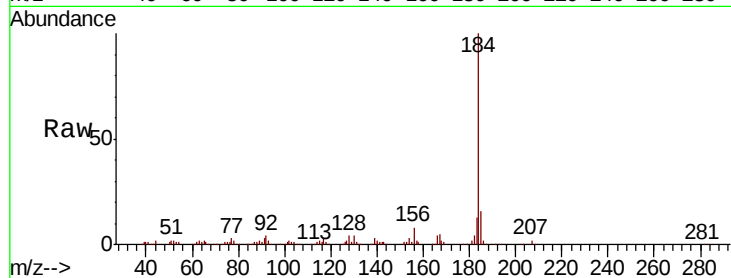
Tot Ion:184 Resp: 147922

Ion Ratio Lower Upper

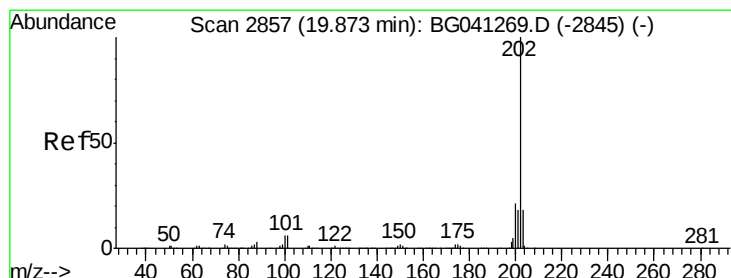
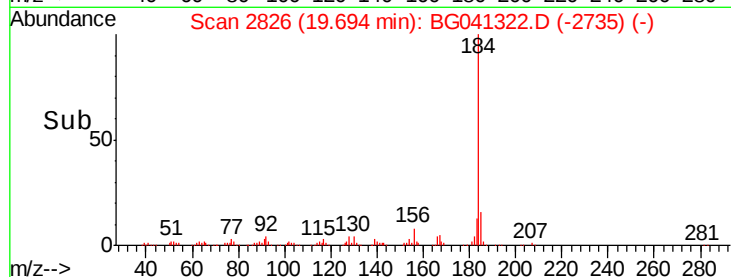
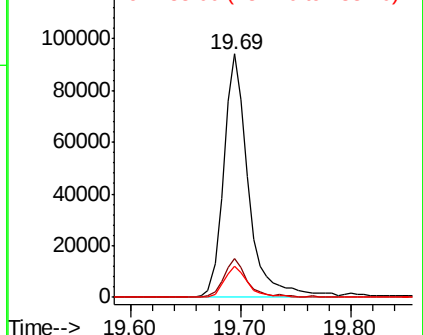
184 100

185 16.0 12.2 18.2

183 12.5 9.6 14.4



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: 44.918 ng

RT: 19.87 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

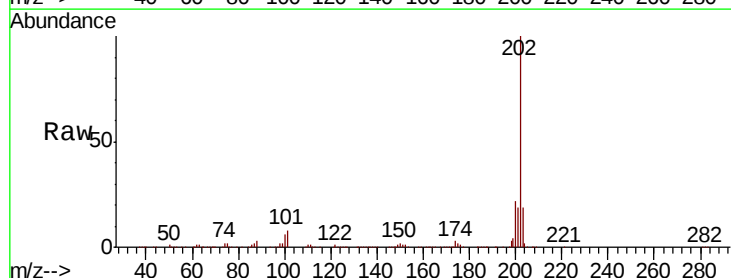
Tgt Ion:202 Resp: 840298

Ion Ratio Lower Upper

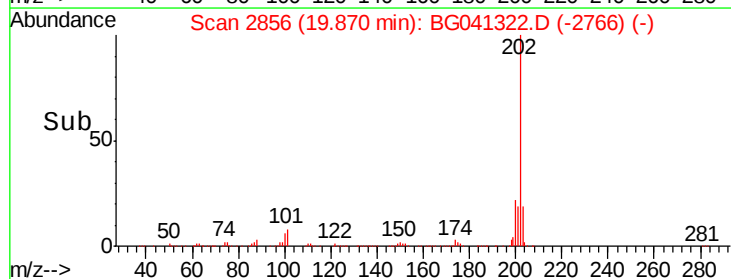
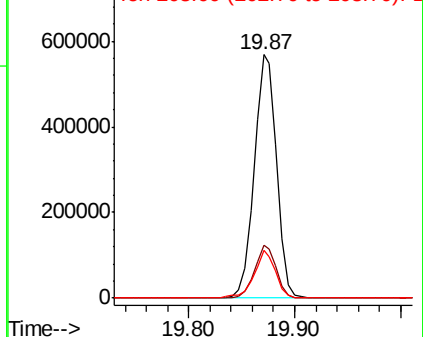
202 100

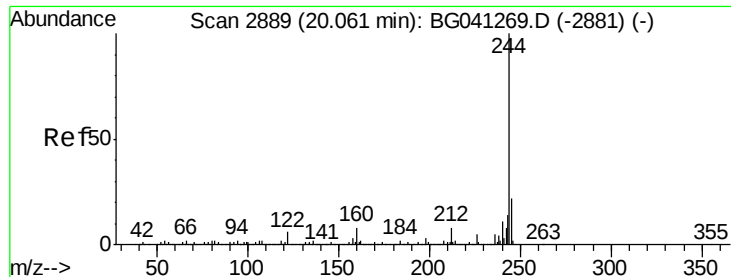
200 21.7 16.8 25.2

203 19.4 14.6 21.8



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: 92.942 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

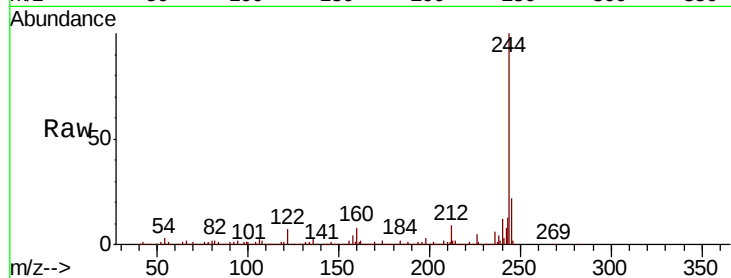
Tot Ion:244 Resp: 1300890

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

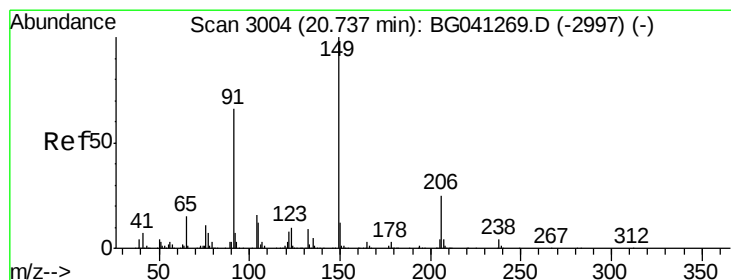
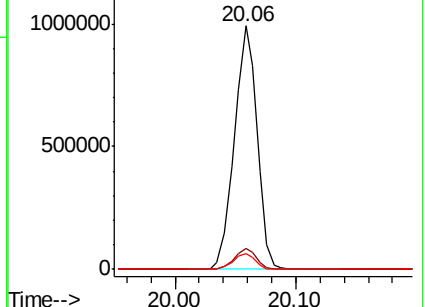
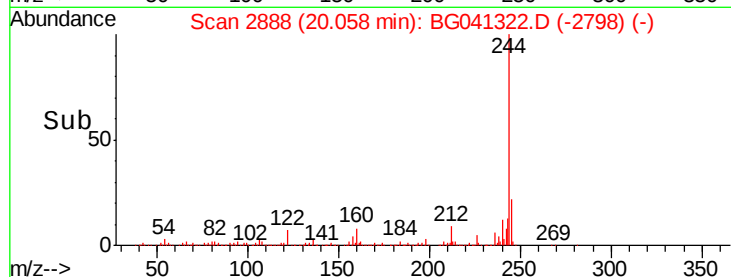
122 6.7 5.0 7.4



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: 44.651 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

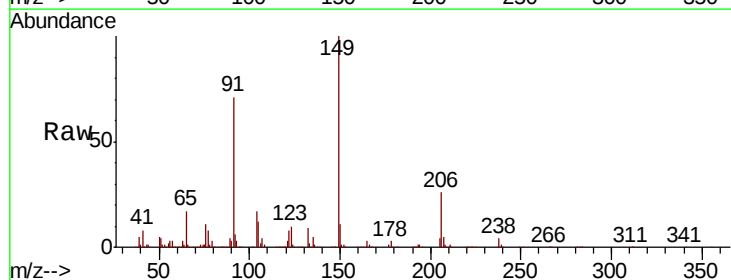
Tgt Ion:149 Resp: 315949

Ion Ratio Lower Upper

149 100

91 70.7 53.2 79.8

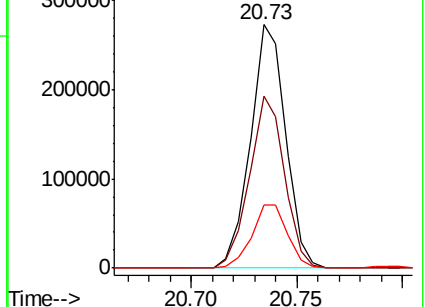
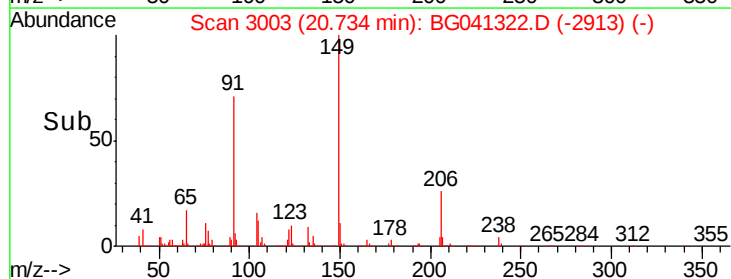
206 25.7 20.3 30.5

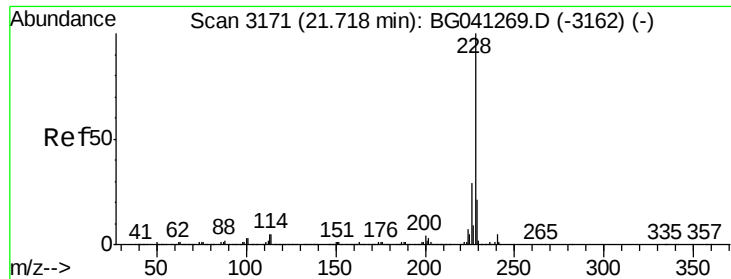


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.062 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

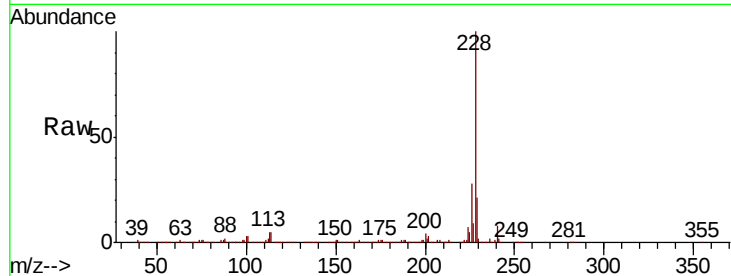
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 827567

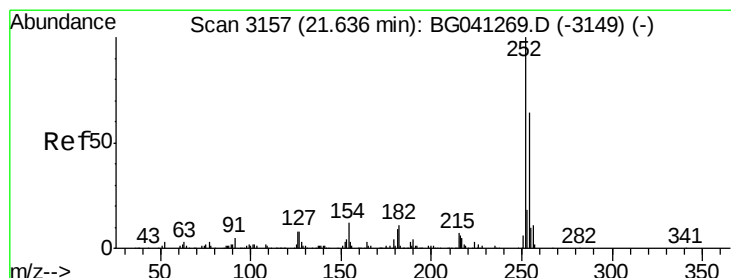
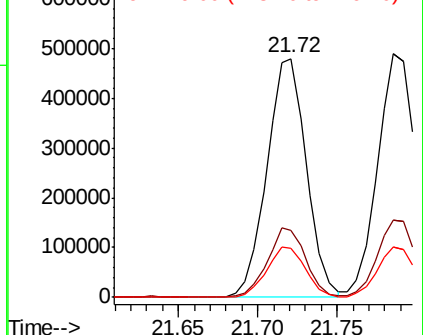
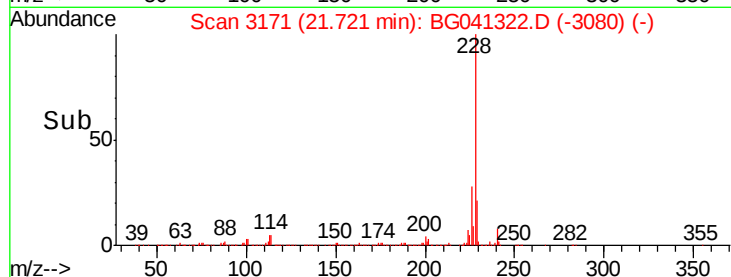
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.2	34.8
229	20.7	16.8	25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.871 ng

RT: 21.63 min Scan# 3156

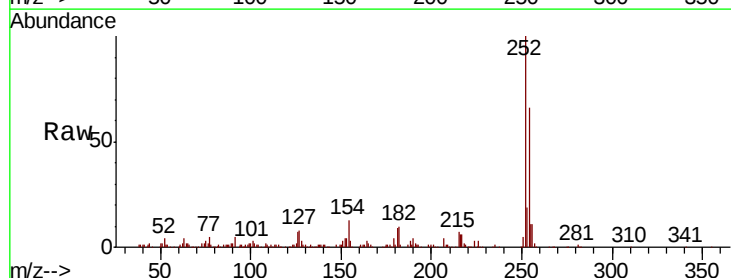
Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:252 Resp: 177164

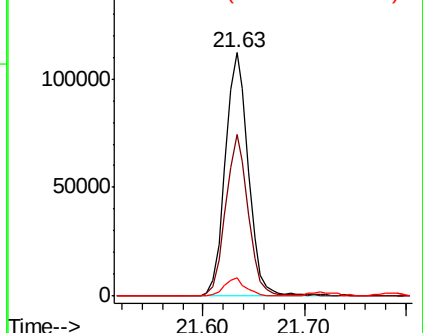
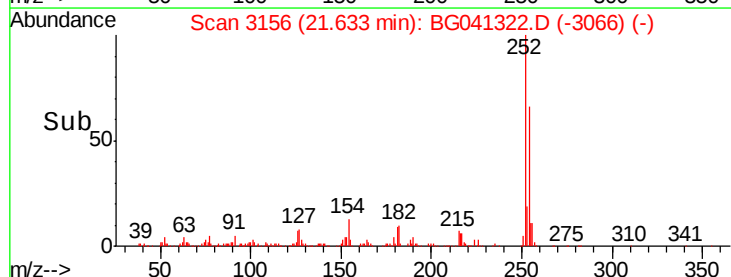
Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.4	77.0
126	7.4	6.0	9.0

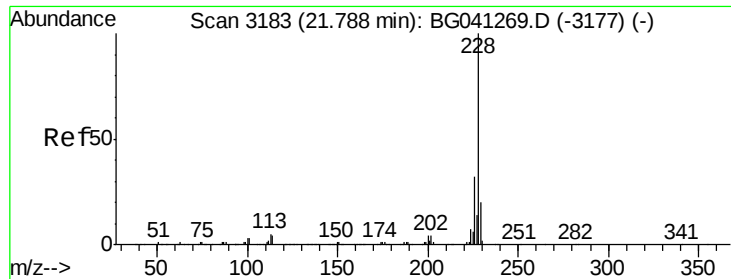


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

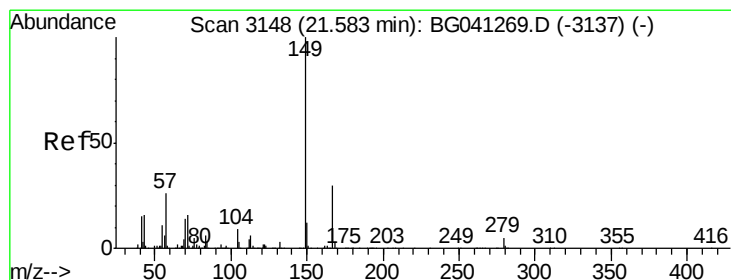
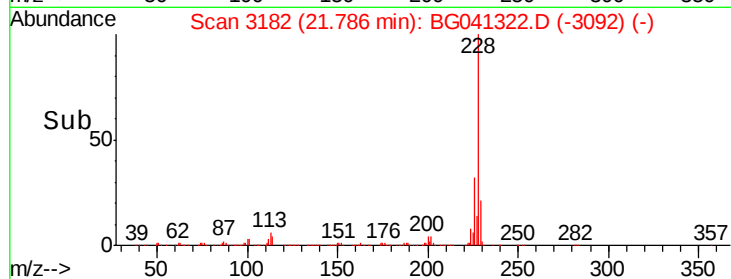
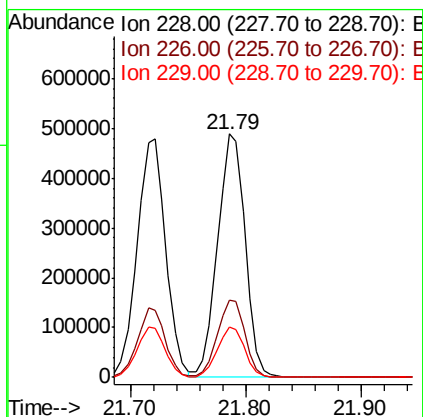
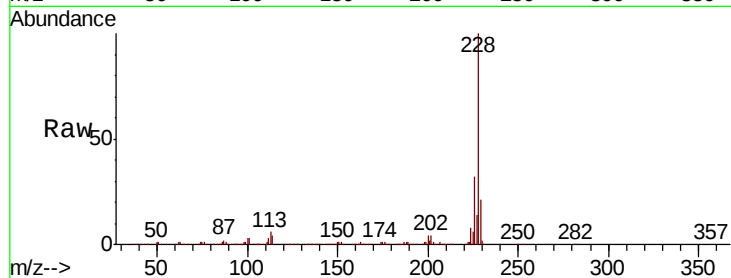




#83
 Chrysene
 Concen: 44.553 ng
 RT: 21.79 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

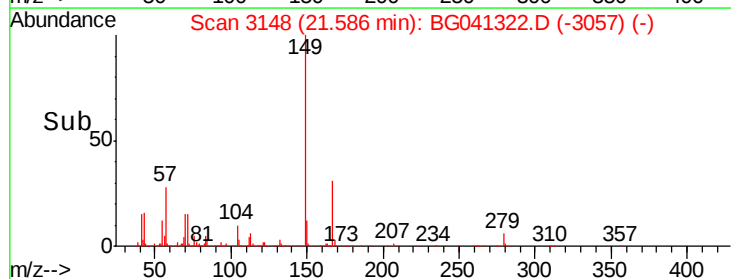
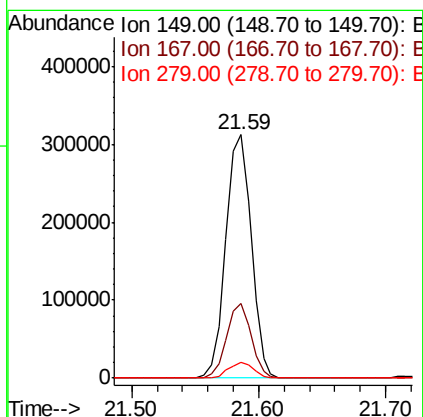
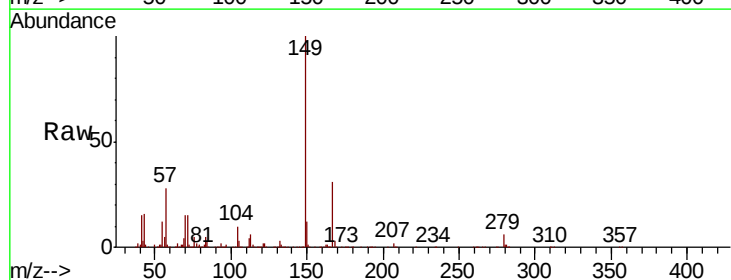
Instrument :
 BNA_G
 ClientSampleId :

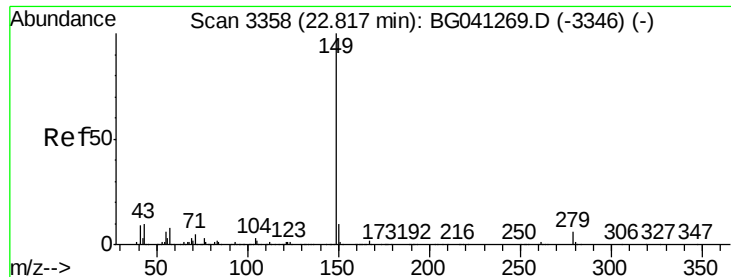
Tot Ion:228 Resp: 804723
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.9 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.996 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion:149 Resp: 433900
 Ion Ratio Lower Upper
 149 100
 167 30.7 23.8 35.8
 279 6.4 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 45.880 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampled :

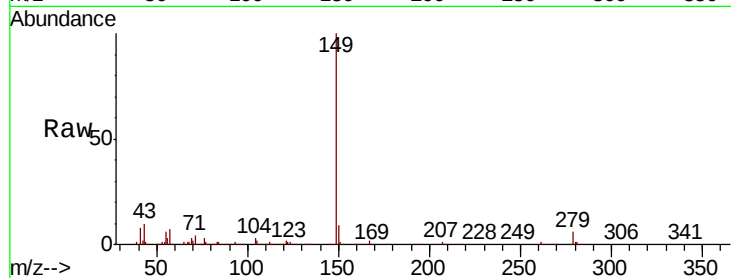
Tot Ion:149 Resp: 748519

Ion Ratio Lower Upper

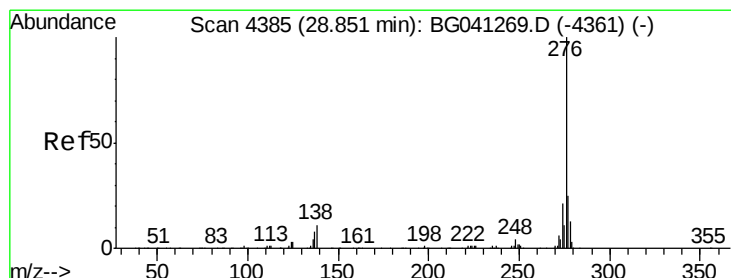
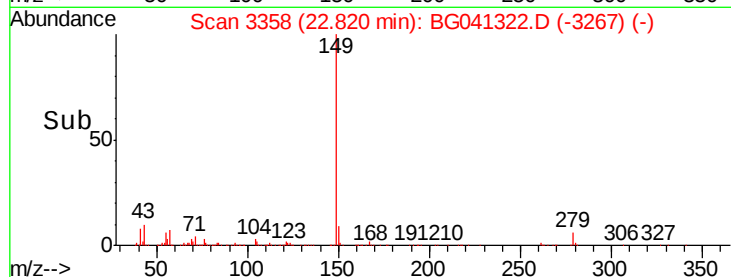
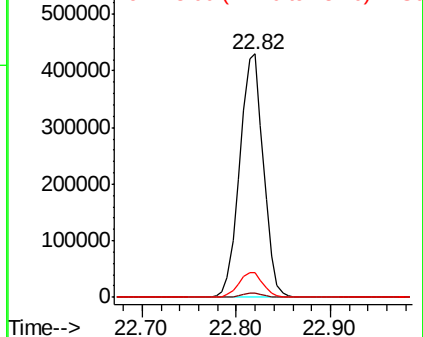
149 100

167 1.7 1.4 2.0

43 10.2 8.2 12.2



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: 44.237 ng

RT: 28.86 min Scan# 4386

Delta R.T. 0.01 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

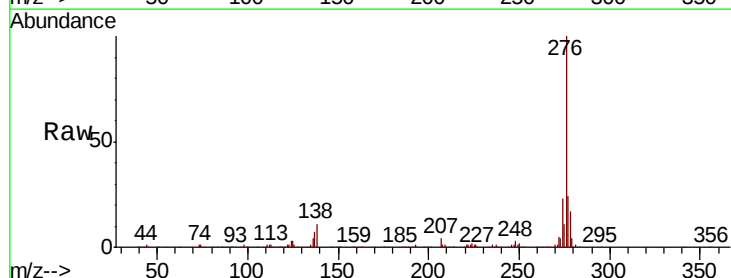
Tgt Ion:276 Resp: 947964

Ion Ratio Lower Upper

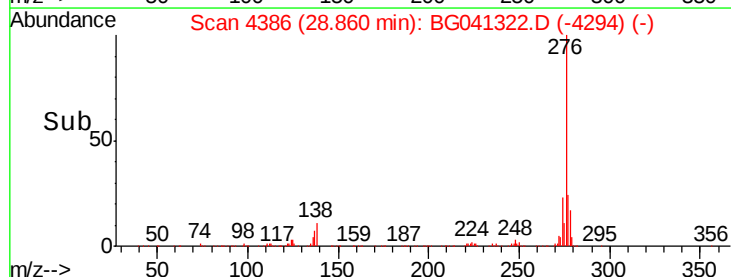
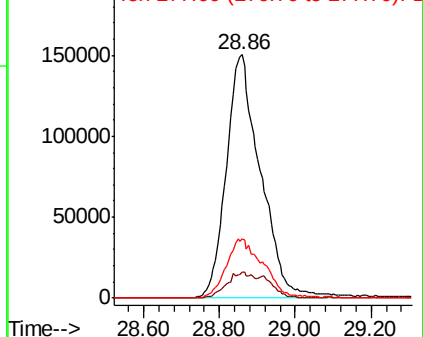
276 100

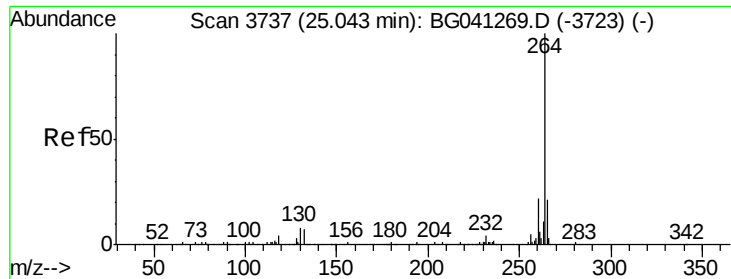
138 8.5 7.7 11.5

277 25.7 20.6 31.0



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: 25.05 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampleId :

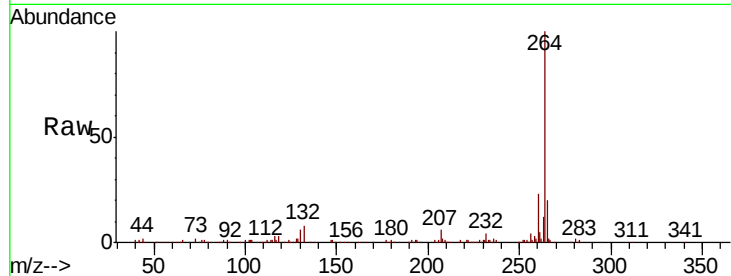
Tot Ion:264 Resp: 269069

Ion Ratio Lower Upper

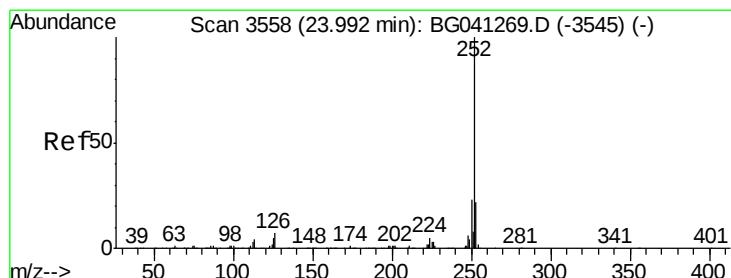
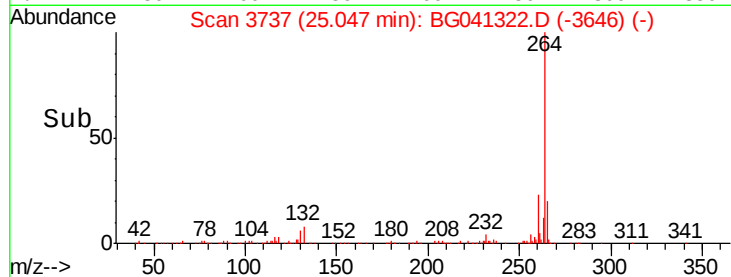
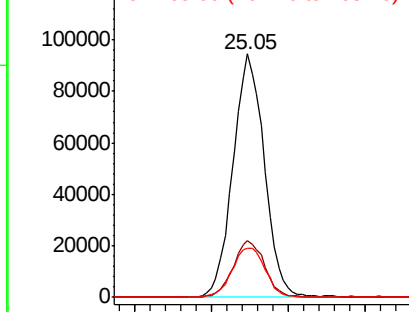
264 100

260 23.5 17.4 26.2

265 20.3 17.2 25.8



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



#88

Benzo(b)fluoranthene

Concen: 50.327 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

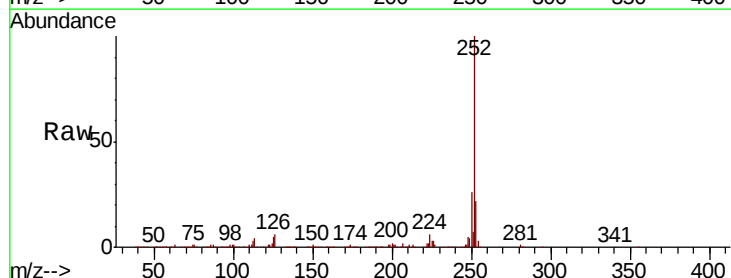
Tgt Ion:252 Resp: 839219

Ion Ratio Lower Upper

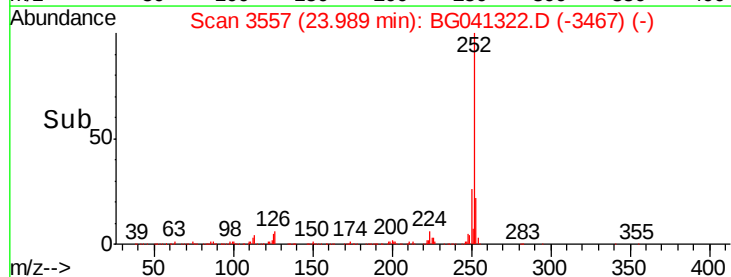
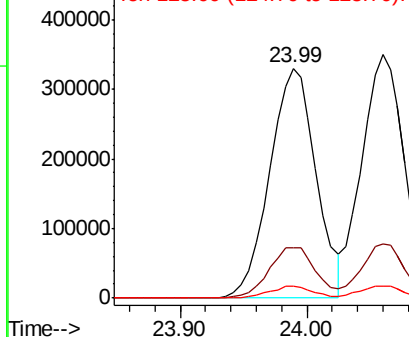
252 100

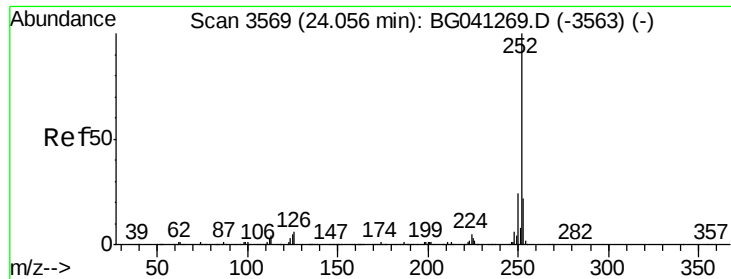
253 21.7 17.4 26.0

125 5.2 3.9 5.9



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

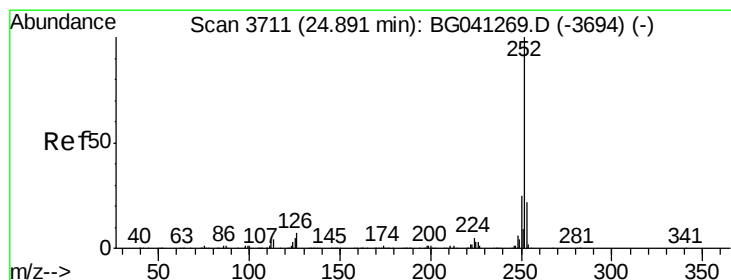
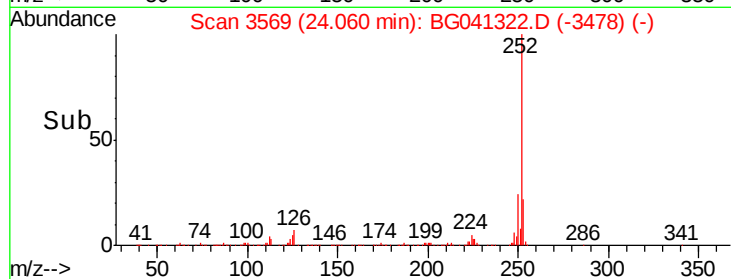
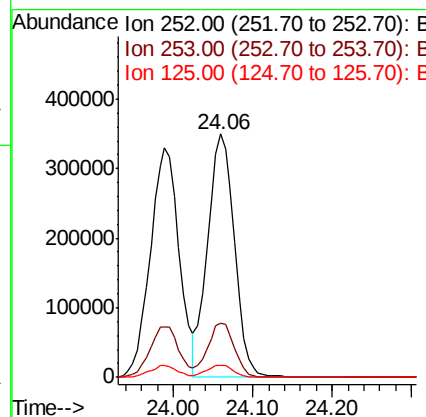
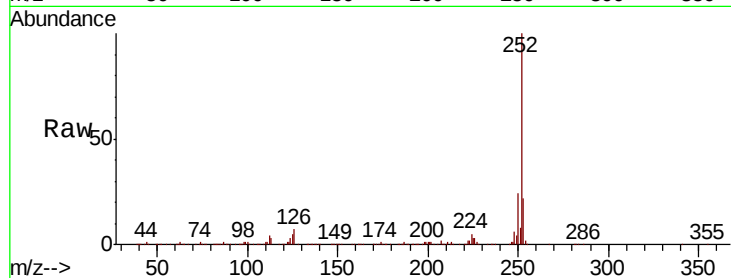




#89
Benzo(k)fluoranthene
Concen: 49.650 ng
RT: 24.06 min Scan# 3569
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

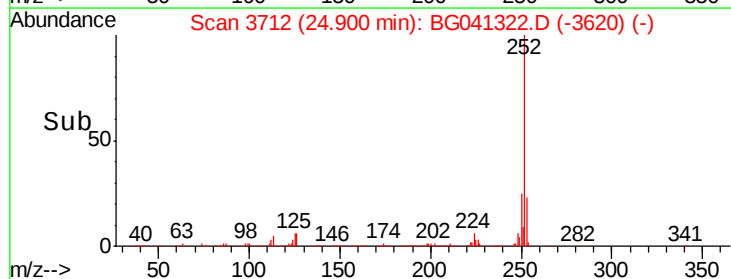
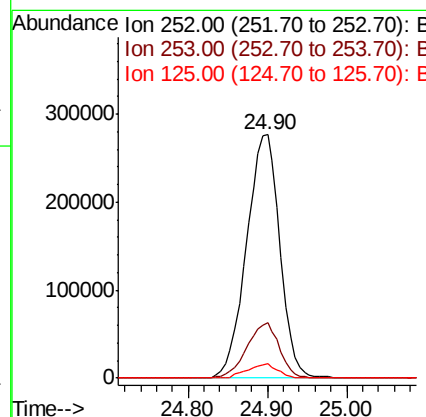
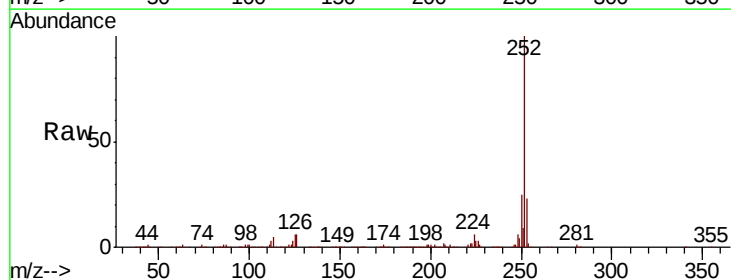
Instrument :
BNA_G
ClientSampleId :

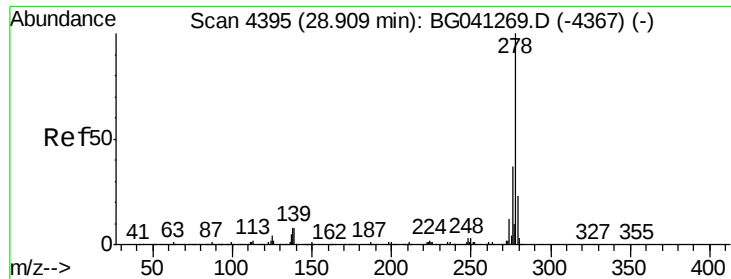
Tot Ion:252 Resp: 820173
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 4.9 4.3 6.5



#90
Benzo(a)pyrene
Concen: 51.237 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:252 Resp: 806901
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 5.8 4.2 6.4

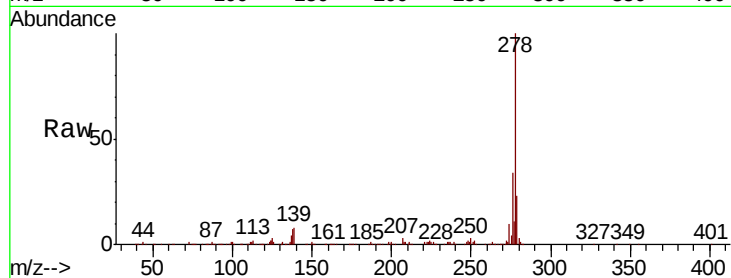




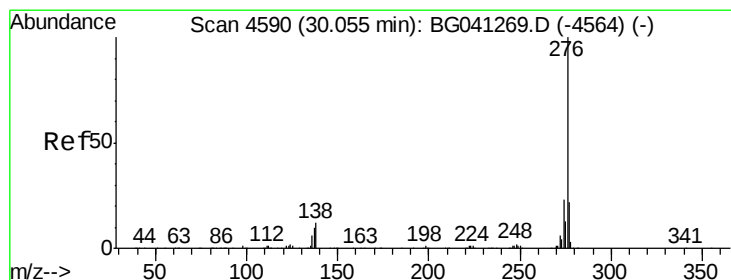
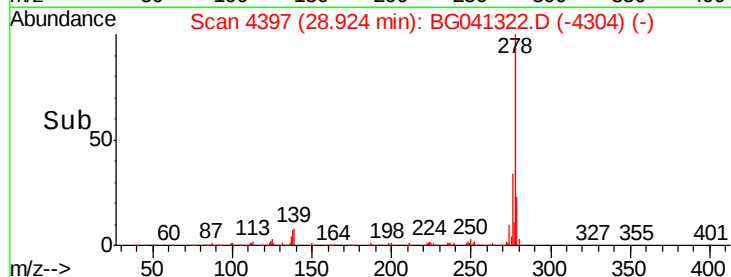
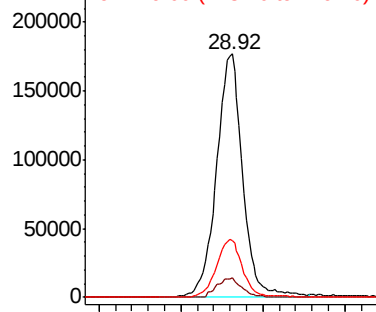
#91
Dibenzo(a,h)anthracene
Concen: 49.731 ng
RT: 28.92 min Scan# 4397
Delta R.T. 0.02 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 788465
Ion Ratio Lower Upper
278 100
139 8.0 6.6 10.0
279 23.2 18.5 27.7

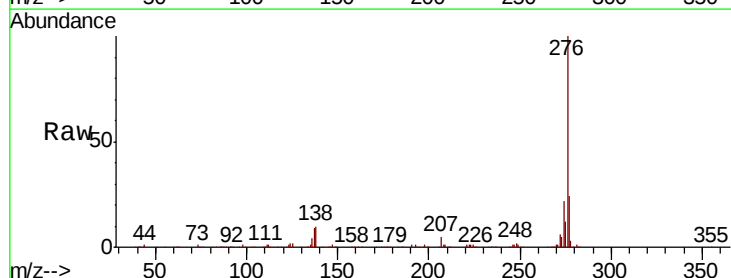


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.589 ng
RT: 30.06 min Scan# 4590
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion:276 Resp: 745631
Ion Ratio Lower Upper
276 100
277 23.7 17.9 26.9
138 10.5 9.4 14.0



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

