

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041734.D
 Acq On : 19 Jul 2019 14:24
 Operator : HP/JU
 Sample : K3897-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 19 23:33:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	117832	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	471563	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	293873	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	709284	20.00	ng	0.00
76) Chrysene-d12	21.65	240	706681	20.00	ng	-0.01
87) Perylene-d12	24.84	264	814501	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	684427	94.95	ng	0.00
7) Phenol-d6	7.20	99	932811	96.22	ng	0.00
23) Nitrobenzene-d5	9.20	82	546298	70.45	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	375156	113.28	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1227983	64.71	ng	0.00
79) Terphenyl-d14	20.00	244	1919588	63.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	84818	24.776	ng	100
3) Pyridine	3.89	79	176109	19.272	ng	99
4) n-Nitrosodimethylamine	3.80	42	112717	26.710	ng	98
6) Aniline	7.36	93	311679	23.920	ng	95
8) 2-Chlorophenol	7.61	128	257880	31.603	ng	96
9) Benzaldehyde	7.18	77	132046	19.281	ng	96
10) Phenol	7.23	94	320757	31.402	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	236737	28.697	ng	98
12) 1,3-Dichlorobenzene	7.93	146	284372	29.206	ng	99
13) 1,4-Dichlorobenzene	8.08	146	292286	29.976	ng	94
14) 1,2-Dichlorobenzene	8.40	146	271864	29.572	ng	96
15) Benzyl Alcohol	8.28	79	222412	28.816	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	450720	26.367	ng	99
17) 2-Methylphenol	8.48	107	218058	30.869	ng	98
18) Hexachloroethane	9.13	117	101891	28.529	ng	100
19) n-Nitroso-di-n-propylamine	8.85	70	197103	27.815	ng	97
20) 3+4-Methylphenols	8.80	107	300319	31.024	ng	99
22) Acetophenone	8.86	105	371915	32.382	ng	# 94
24) Nitrobenzene	9.24	77	273939	32.386	ng	99
25) Isophorone	9.77	82	522182	30.754	ng	99
26) 2-Nitrophenol	9.96	139	141750	37.641	ng	97
27) 2,4-Dimethylphenol	10.01	122	249046	37.071	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	323417	30.905	ng	99
29) 2,4-Dichlorophenol	10.49	162	271851	35.492	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	286619	31.870	ng	99
31) Naphthalene	10.90	128	749475	32.283	ng	99
32) Benzoic acid	10.01	122	249046	48.728	ng	# 14
33) 4-Chloroaniline	11.00	127	277472	25.911	ng	98
34) Hexachlorobutadiene	11.20	225	184342	31.891	ng	98
35) Caprolactam	11.75	113	64925	23.061	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	276683	34.481	ng	99
37) 2-Methylnaphthalene	12.50	142	578893	32.637	ng	99
38) 1-Methylnaphthalene	12.72	142	542833	32.102	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	333951	33.175	ng	99

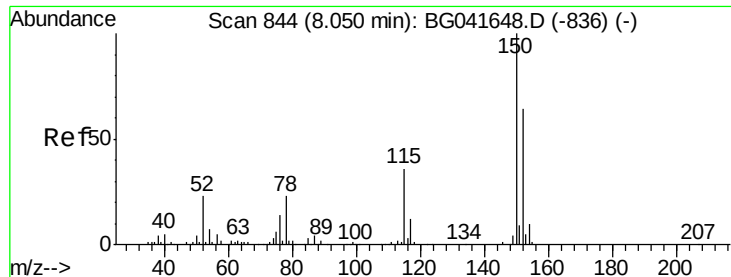
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041734.D
 Acq On : 19 Jul 2019 14:24
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	426732	74.941	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	235139	35.950	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	254931	36.993	ng	97
46) 1,1'-Biphenyl	13.50	154	719337	32.673	ng	97
47) 2-Chloronaphthalene	13.55	162	582589	31.750	ng	98
48) 2-Nitroaniline	13.73	65	181523	33.978	ng	96
49) Acenaphthylene	14.39	152	925928	32.325	ng	98
50) Dimethylphthalate	14.12	163	979521	42.439	ng	100
51) 2,6-Dinitrotoluene	14.23	165	172723	35.281	ng	93
52) Acenaphthene	14.73	154	561548	31.108	ng	97
53) 3-Nitroaniline	14.55	138	159258	29.800	ng	94
54) 2,4-Dinitrophenol	14.76	184	47121	24.934	ng	93
55) Dibenzofuran	15.06	168	900462	33.242	ng	95
56) 4-Nitrophenol	14.86	139	319939	73.944	ng	96
57) 2,4-Dinitrotoluene	15.01	165	241299	37.287	ng	98
58) Fluorene	15.71	166	724352	32.864	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	241919	38.026	ng	# 97
60) Diethylphthalate	15.47	149	742814	31.947	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	406239	32.606	ng	97
62) 4-Nitroaniline	15.71	138	197284	34.807	ng	96
63) Azobenzene	15.99	77	648720	30.860	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	99692	32.165	ng	93
66) n-Nitrosodiphenylamine	15.91	169	683912	32.834	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	272751	32.318	ng	99
68) Hexachlorobenzene	16.71	284	272637	32.080	ng	97
69) Atrazine	16.85	200	271868	35.967	ng	99
70) Pentachlorophenol	17.05	266	345181	64.959	ng	98
71) Phenanthrene	17.44	178	1171419	32.795	ng	96
72) Anthracene	17.54	178	1216248	34.159	ng	96
73) Carbazole	17.79	167	1119585	33.905	ng	96
74) Di-n-butylphthalate	18.36	149	1295008	32.154	ng	97
75) Fluoranthene	19.44	202	1470166	33.519	ng	94
77) Benzidine	19.62	184	549871	19.076	ng	97
78) Pyrene	19.80	202	1472671	30.812	ng	94
80) Butylbenzylphthalate	20.69	149	622829	31.360	ng	93
81) Benzo(a)anthracene	21.63	228	1434116	31.409	ng	96
82) 3,3'-Dichlorobenzidine	21.54	252	506007	28.163	ng	97
83) Chrysene	21.70	228	1390604	31.873	ng	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	864929	30.844	ng	97
85) Di-n-octyl phthalate	22.76	149	1512482	31.672	ng	95
86) Indeno(1,2,3-cd)pyrene	28.49	276	1805587	31.365	ng	98
88) Benzo(b)fluoranthene	23.83	252	1554191	31.458	ng	97
89) Benzo(k)fluoranthene	23.90	252	1536154	33.555	ng	97
90) Benzo(a)pyrene	24.69	252	1542790	33.005	ng	97
91) Dibenzo(a,h)anthracene	28.56	278	1475700	32.560	ng	97
92) Benzo(g,h,i)perylene	29.62	276	1482249	32.635	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampled :

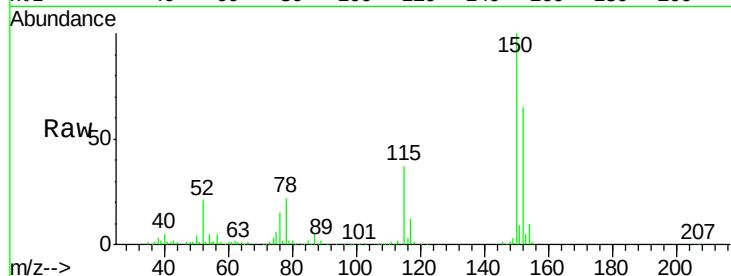
Tot Ion:152 Resp: 117832

Ion Ratio Lower Upper

152 100

150 152.8 126.9 190.3

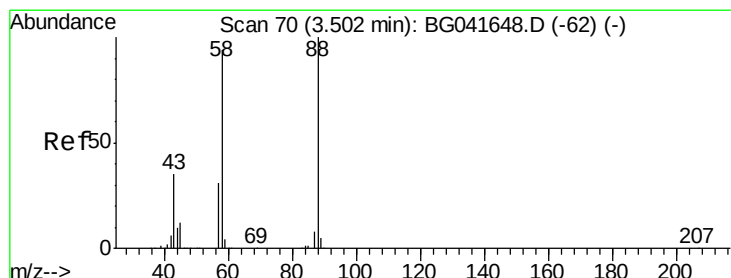
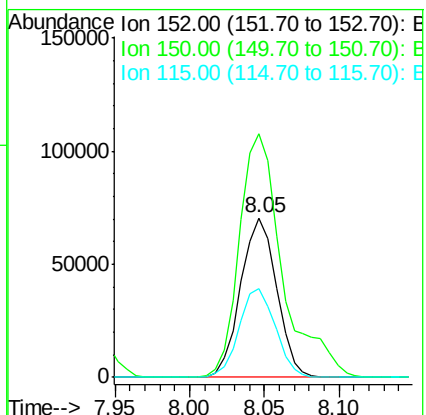
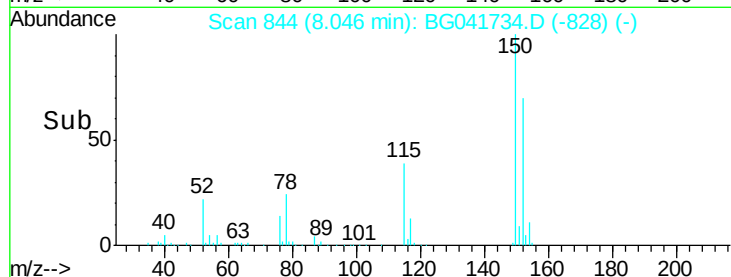
115 56.1 45.0 67.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.776 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

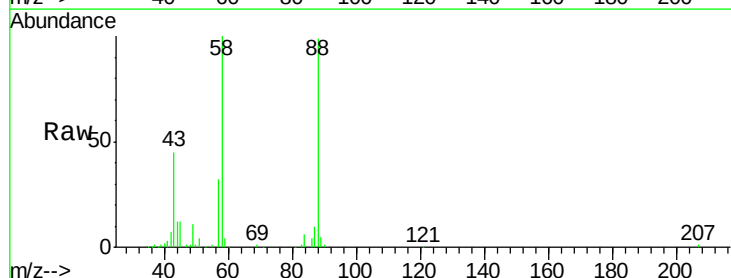
Tgt Ion: 88 Resp: 84818

Ion Ratio Lower Upper

88 100

58 95.2 76.2 114.2

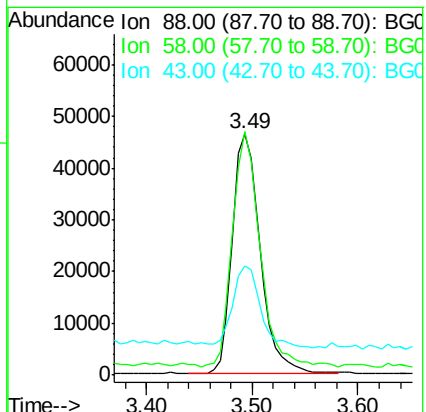
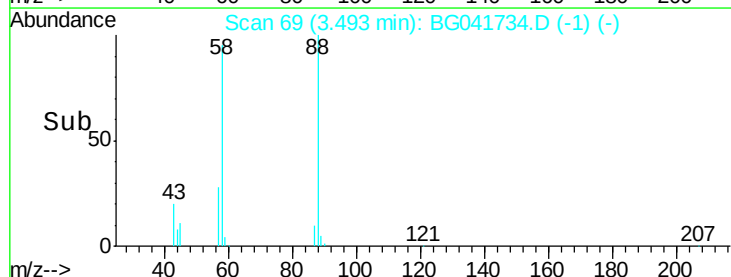
43 33.7 27.2 40.8

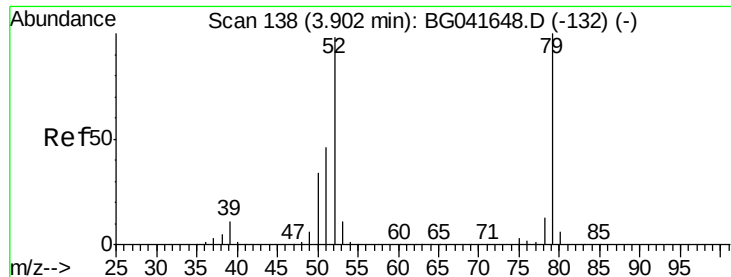


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 19.272 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

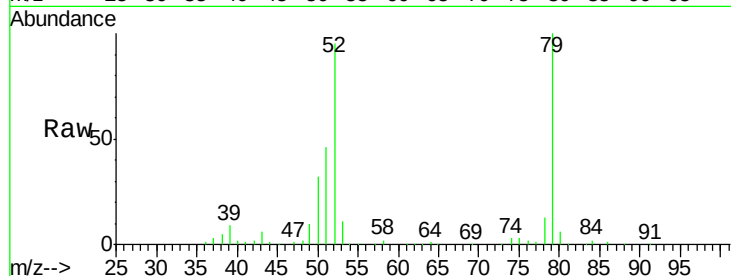
Tot Ion: 79 Resp: 176109

Ion Ratio Lower Upper

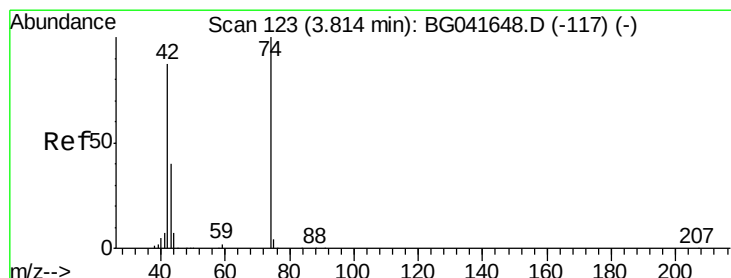
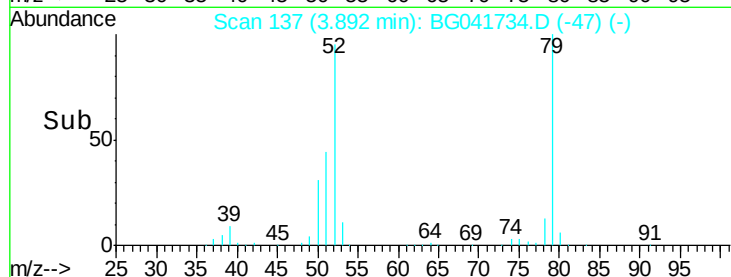
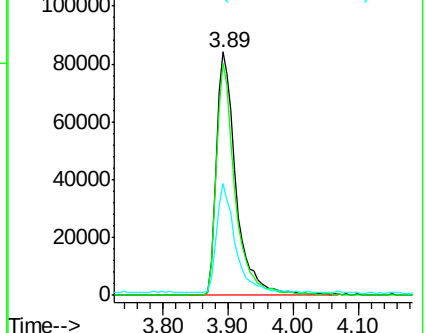
79 100

52 95.2 77.1 115.7

51 46.0 37.8 56.8



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: 26.710 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

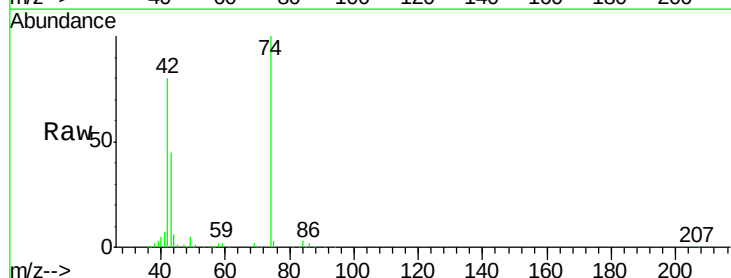
Tgt Ion: 42 Resp: 112717

Ion Ratio Lower Upper

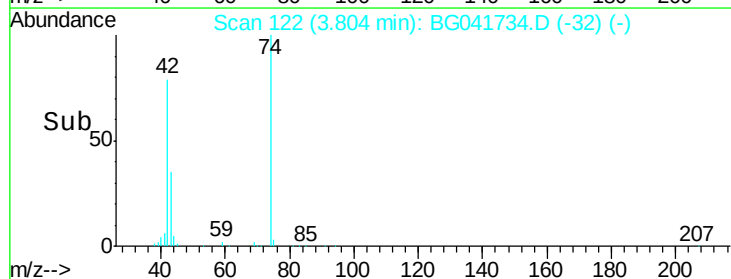
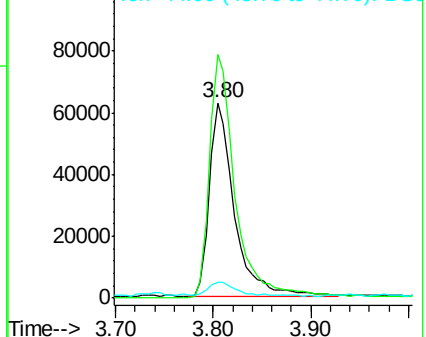
42 100

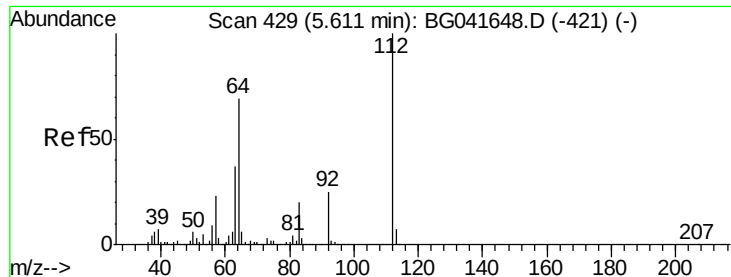
74 124.6 97.4 146.2

44 7.9 6.6 9.8



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: 94.954 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

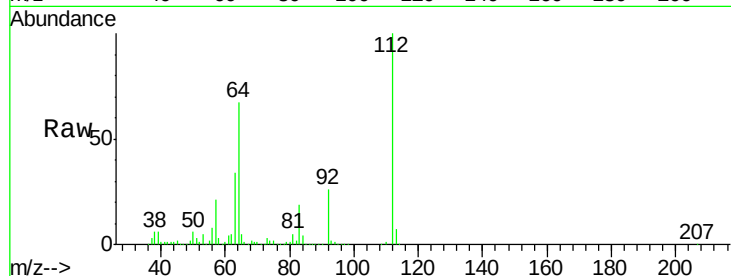
Tot Ion:112 Resp: 684427

Ion Ratio Lower Upper

112 100

64 66.6 55.4 83.2

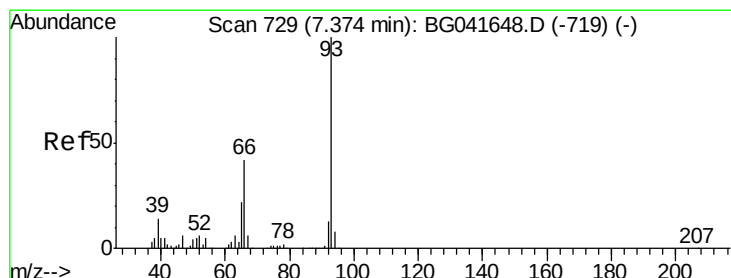
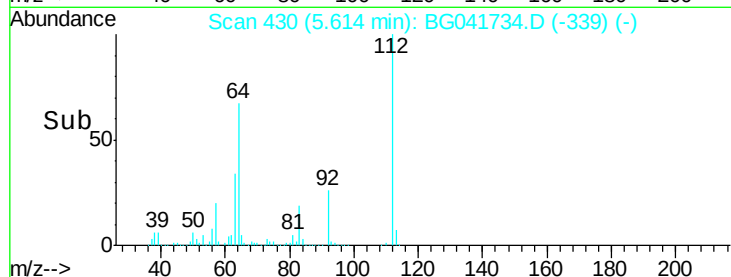
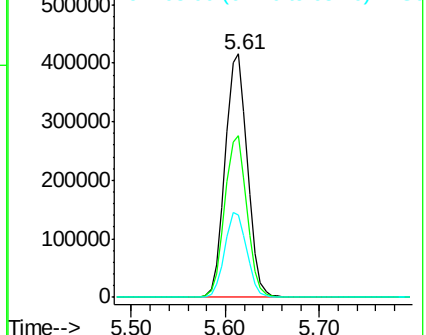
63 34.1 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.920 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

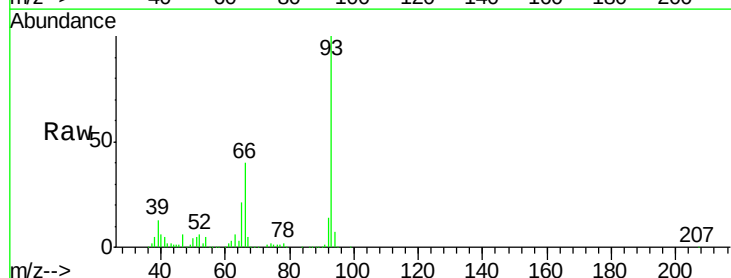
Tgt Ion: 93 Resp: 311679

Ion Ratio Lower Upper

93 100

66 39.6 34.2 51.2

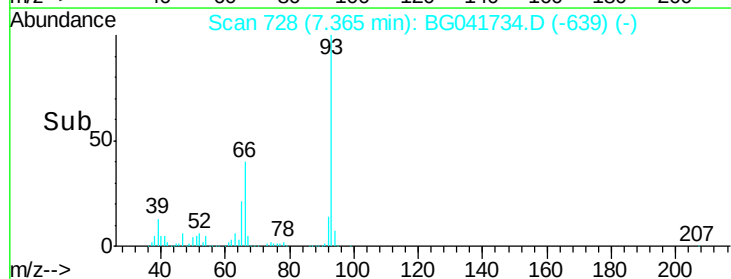
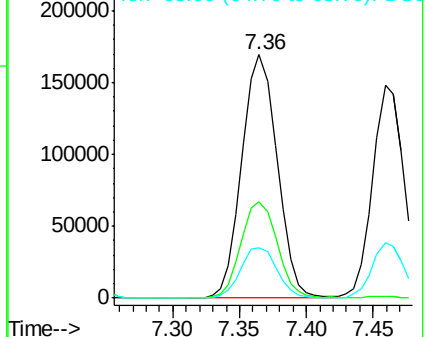
65 20.7 18.2 27.2

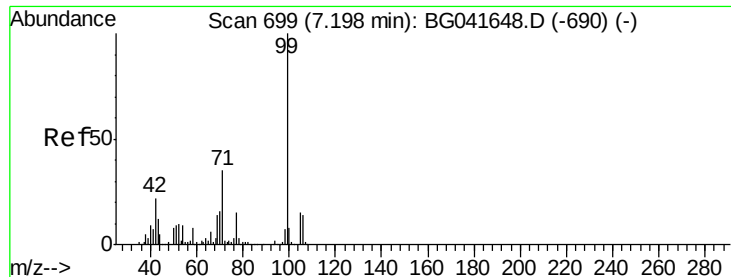


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.216 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

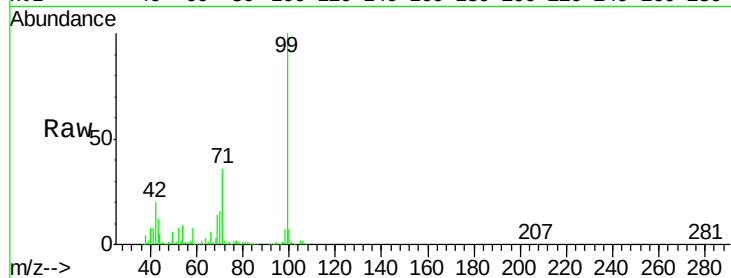
Tot Ion: 99 Resp: 932811

Ion Ratio Lower Upper

99 100

42 20.1 17.6 26.4

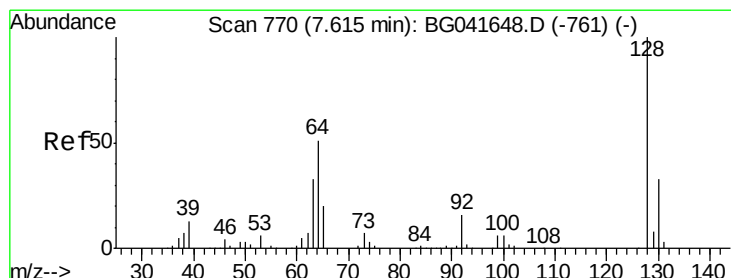
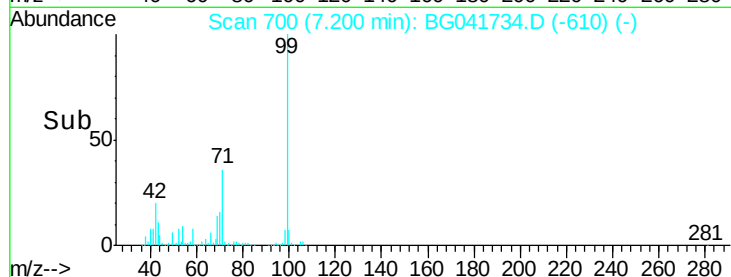
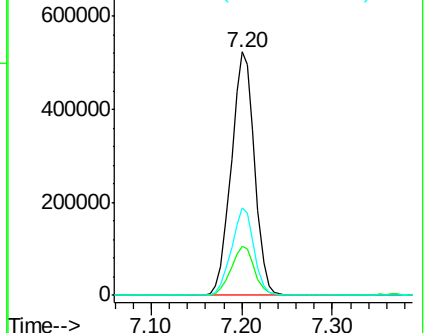
71 35.9 27.8 41.6



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: 31.603 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

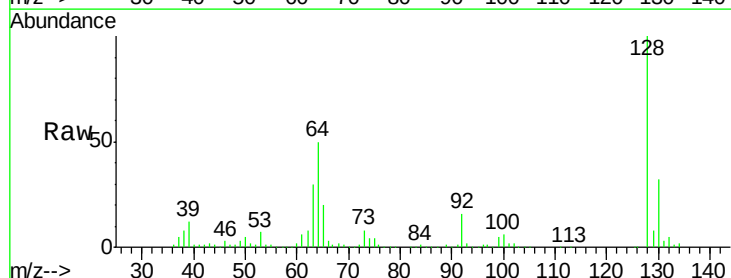
Tgt Ion: 128 Resp: 257880

Ion Ratio Lower Upper

128 100

130 32.2 12.4 52.4

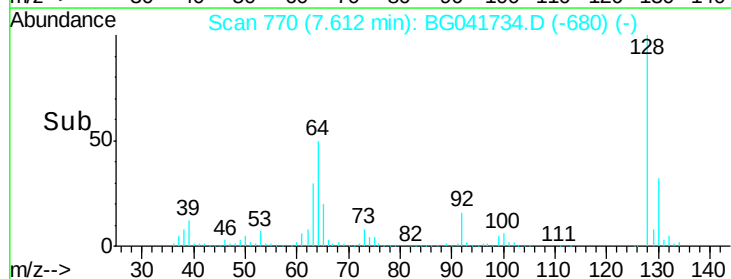
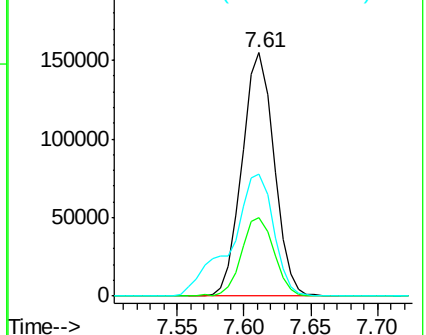
64 50.2 34.9 74.9

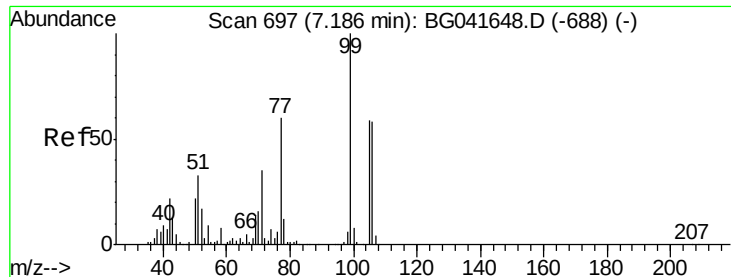


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 19.281 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

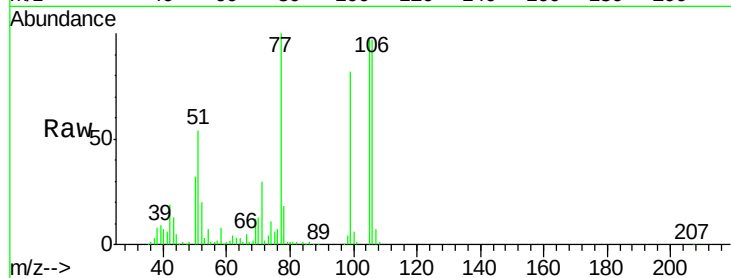
Tot Ion: 77 Resp: 132046

Ion Ratio Lower Upper

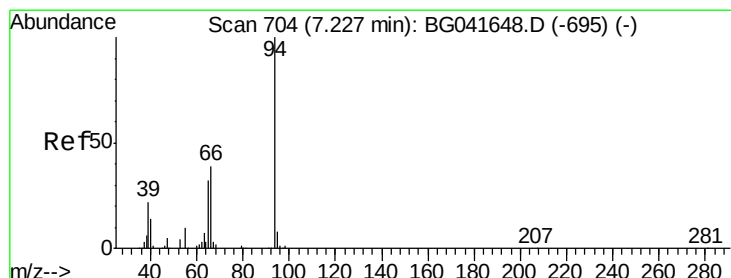
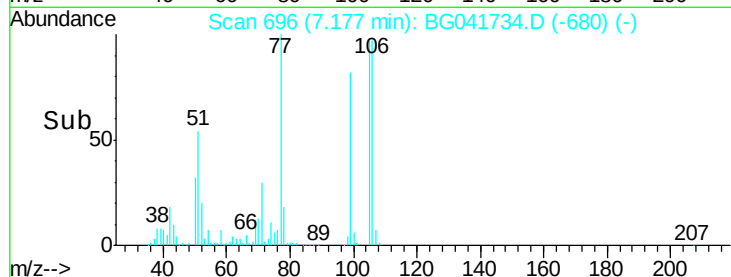
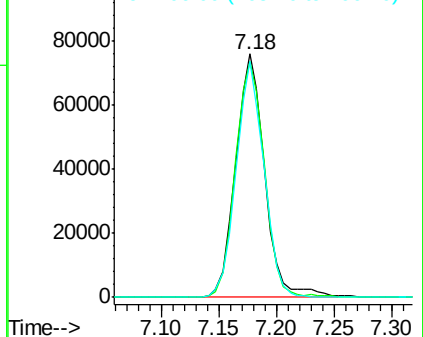
77 100

105 96.8 74.6 114.6

106 96.7 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: 31.402 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

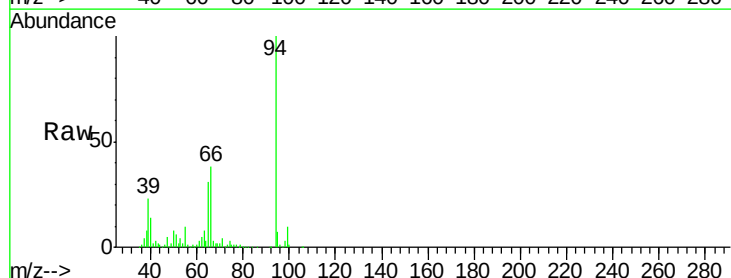
Tgt Ion: 94 Resp: 320757

Ion Ratio Lower Upper

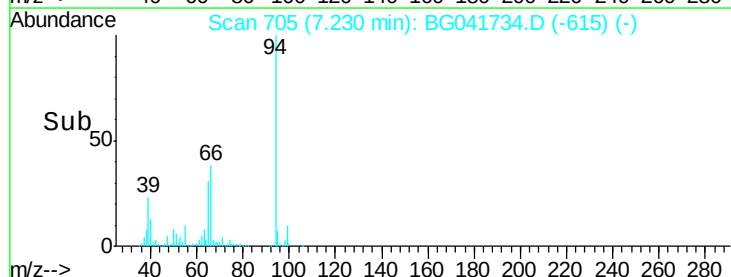
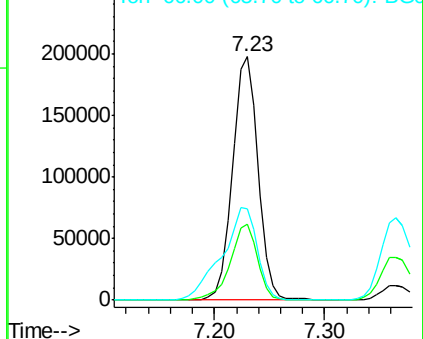
94 100

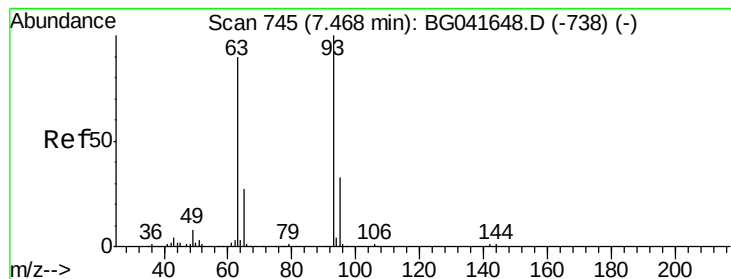
65 31.3 10.6 50.6

66 37.6 18.2 58.2



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

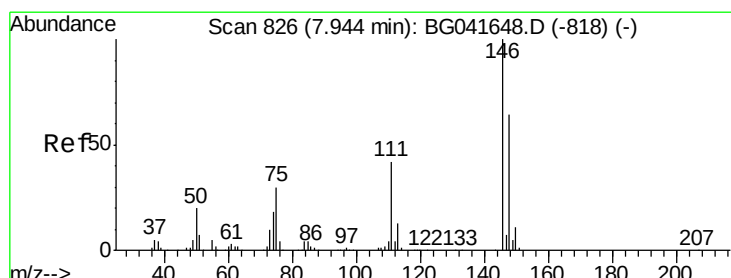
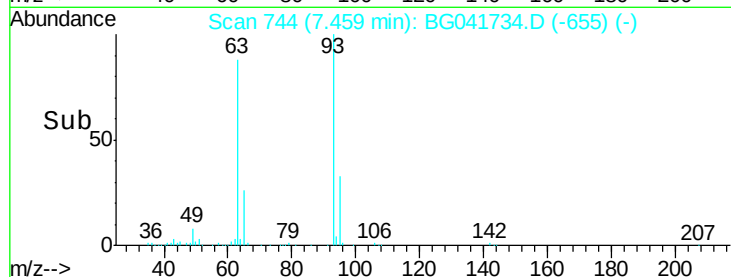
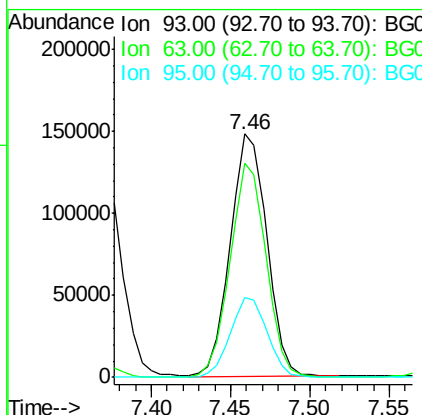
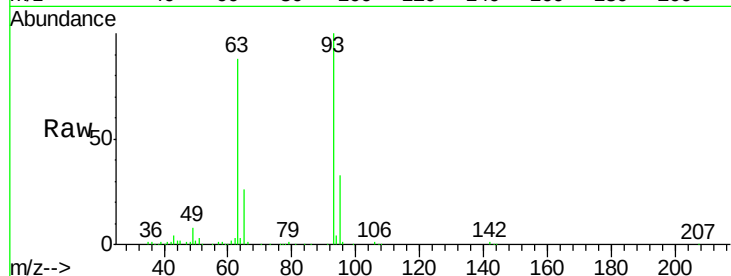




#11
 bis(2-Chloroethyl)ether
 Concen: 28.697 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

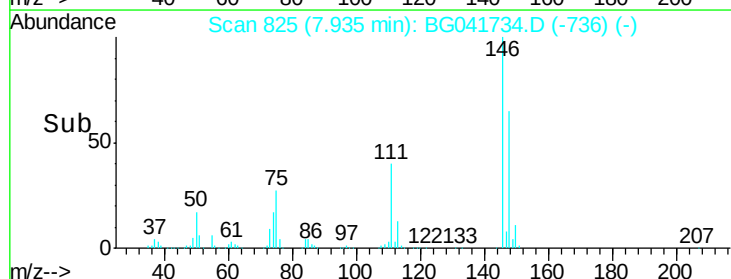
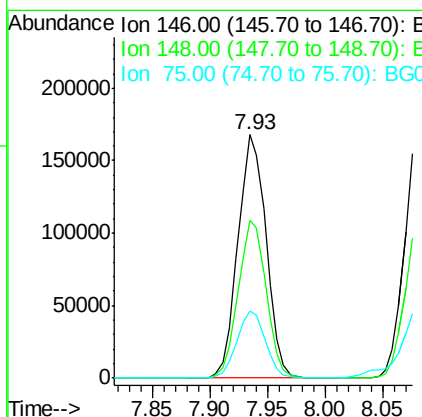
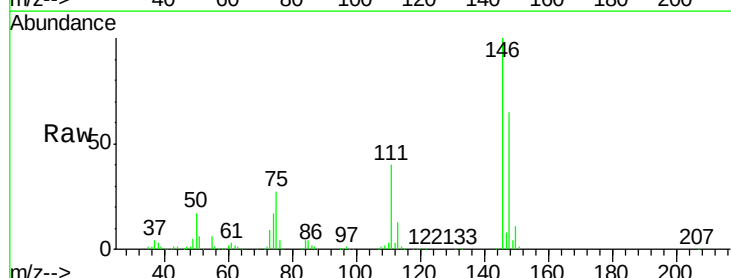
Instrument :
 BNA_G
 ClientSampleId :

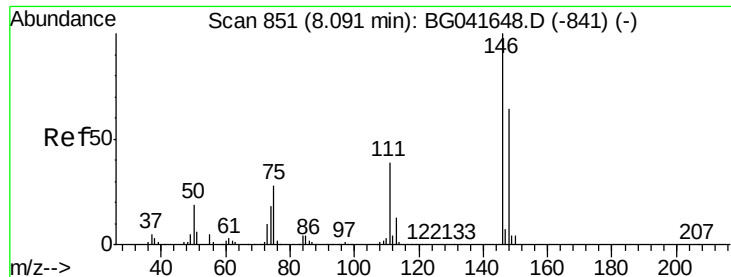
Tot Ion	93	Resp	236737
Ion	Ratio	Lower	Upper
93	100		
63	88.0	70.4	110.4
95	32.7	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 29.206 ng
 RT: 7.93 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion	146	Resp	284372
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
75	27.4	23.2	34.8

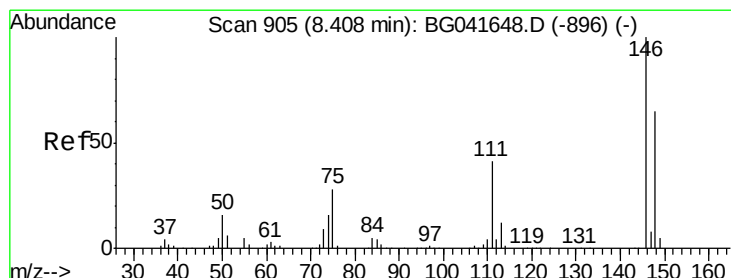
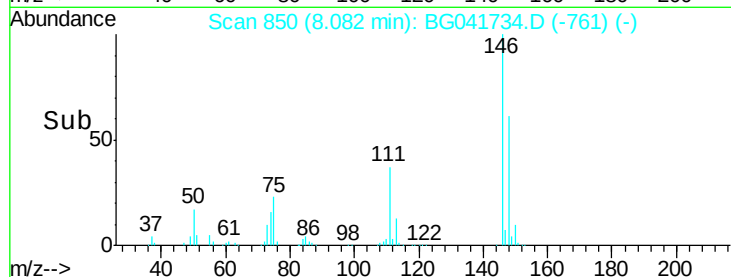
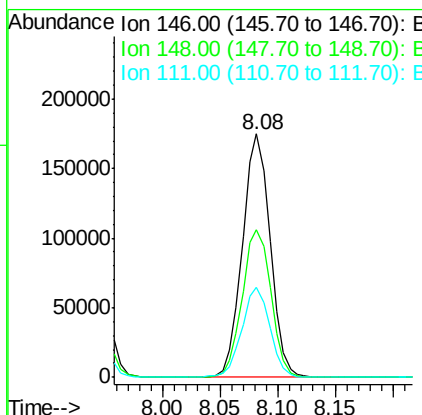
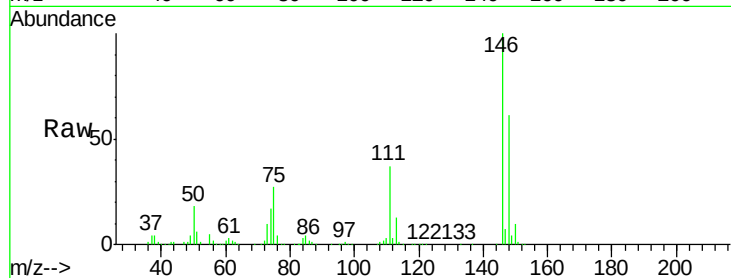




#13
 1,4-Dichlorobenzene
 Concen: 29.976 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

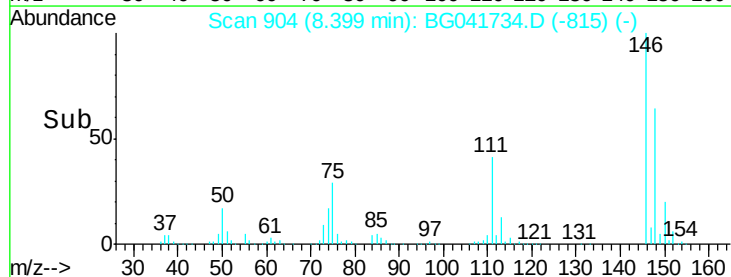
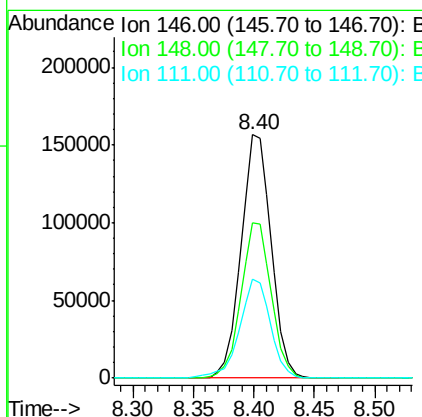
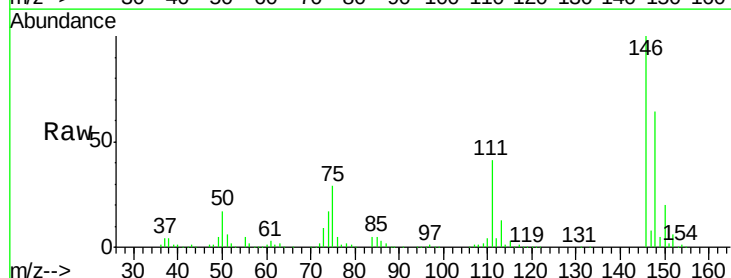
Instrument :
 BNA_G
 ClientSampleId :

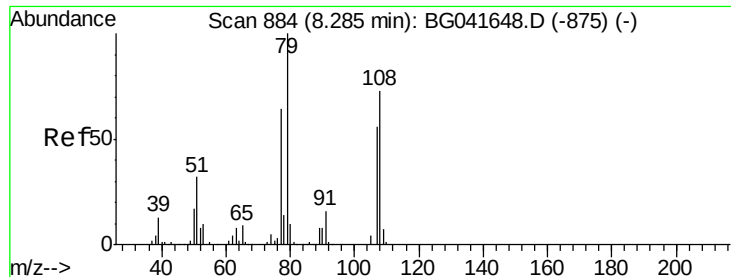
Tot Ion	Ratio	Lower	Upper
146	100		
148	60.9	52.6	79.0
111	36.7	32.5	48.7



#14
 1,2-Dichlorobenzene
 Concen: 29.572 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.5	80.3
111	40.6	35.4	53.0





#15

Benzyl Alcohol

Concen: 28.816 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

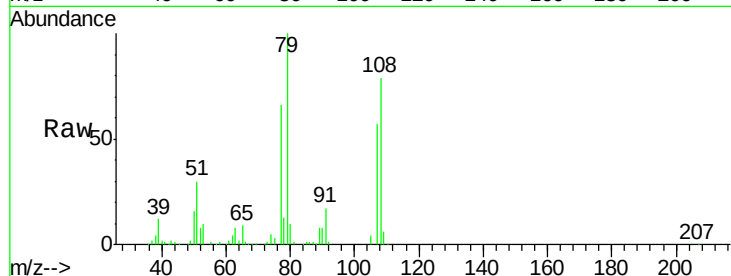
Tot Ion: 79 Resp: 222412

Ion Ratio Lower Upper

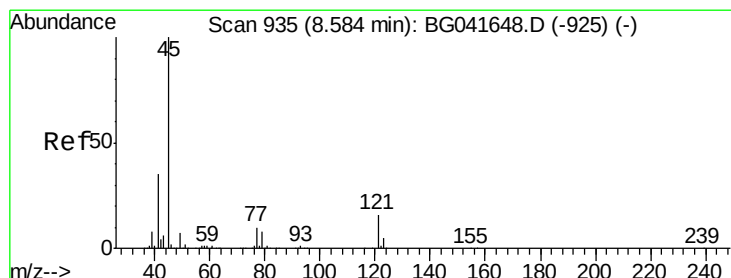
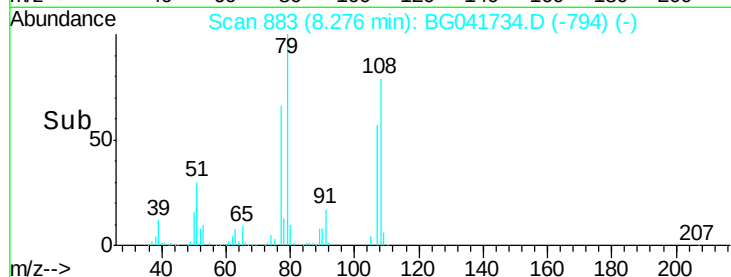
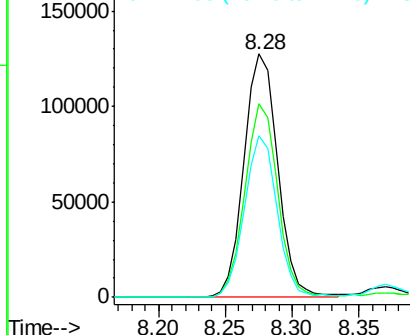
79 100

108 79.3 60.5 90.7

77 66.3 50.6 75.8



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: 26.367 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

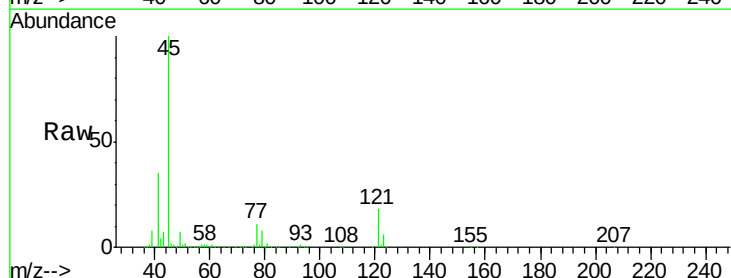
Tgt Ion: 45 Resp: 450720

Ion Ratio Lower Upper

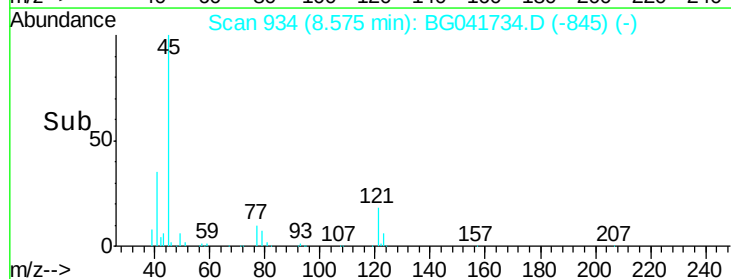
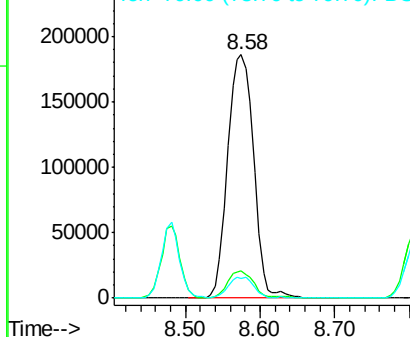
45 100

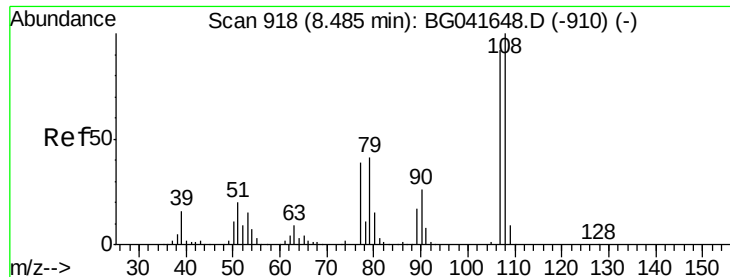
77 11.1 0.0 30.4

79 8.0 0.0 27.9



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





#17

2-Methylphenol

Concen: 30.869 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 218058

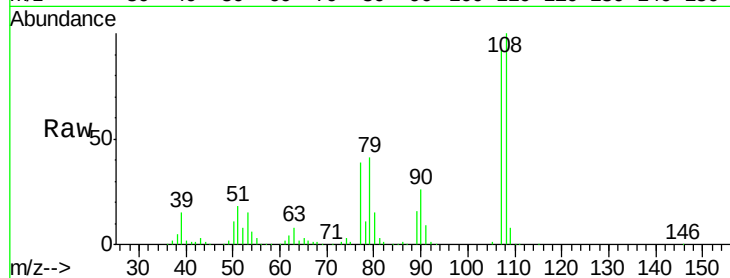
Ion Ratio Lower Upper

107 100

108 109.1 87.6 131.4

77 42.1 36.1 54.1

79 44.2 36.4 54.6

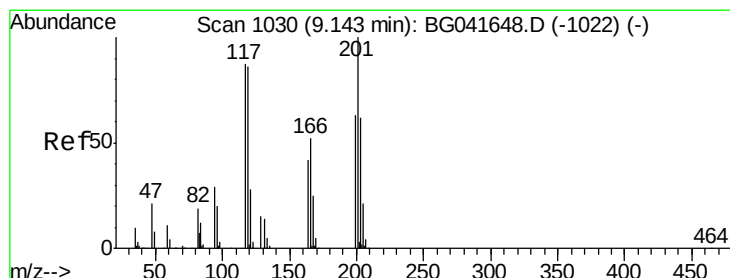
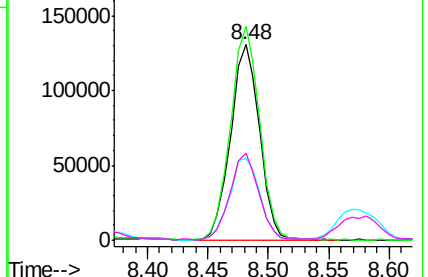
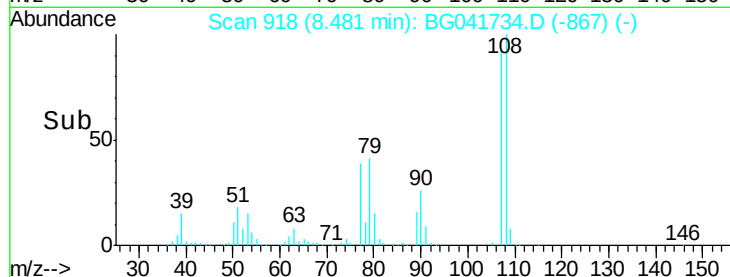


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 28.529 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

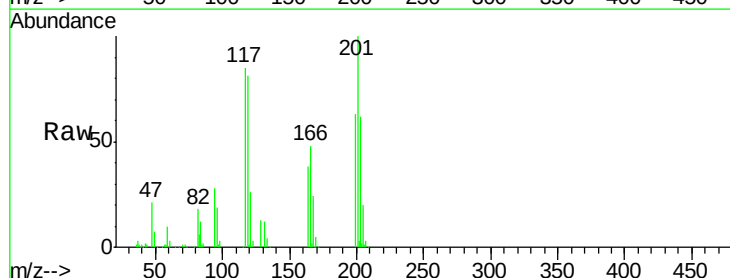
Tgt Ion:117 Resp: 101891

Ion Ratio Lower Upper

117 100

119 95.4 76.2 114.2

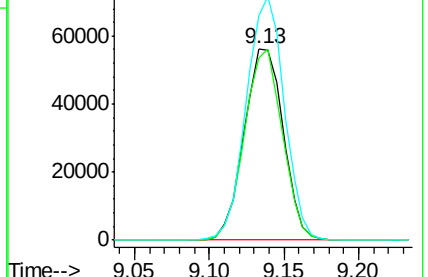
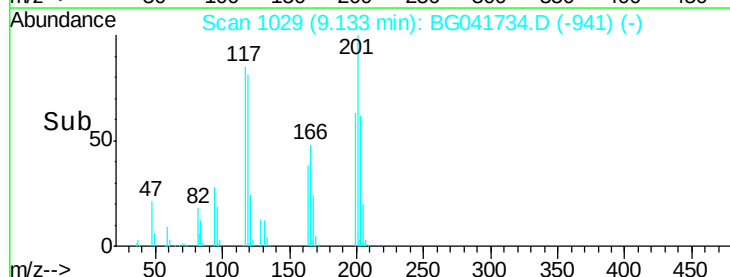
201 117.5 94.1 141.1

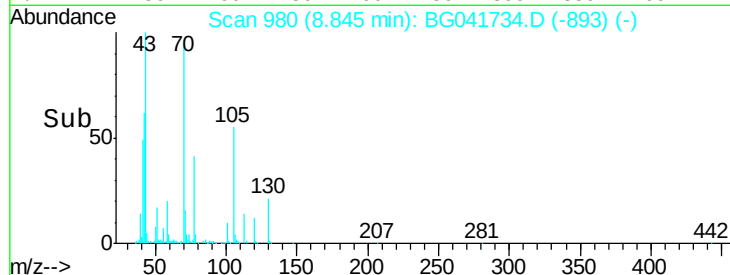
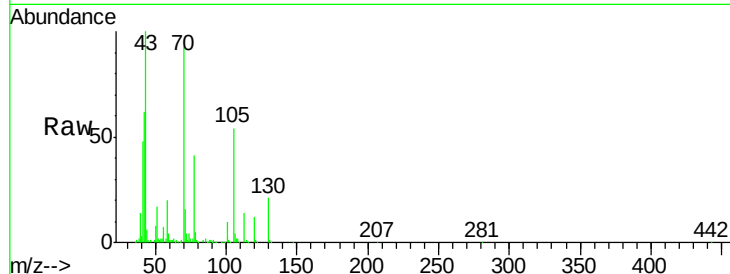
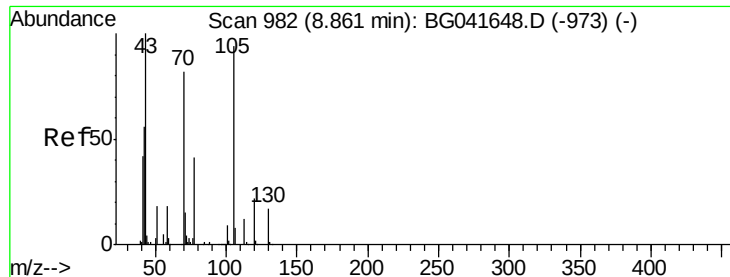


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

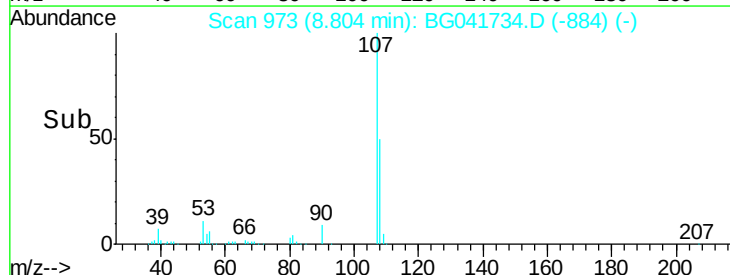
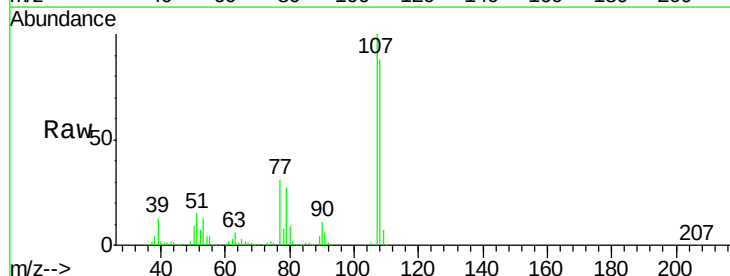
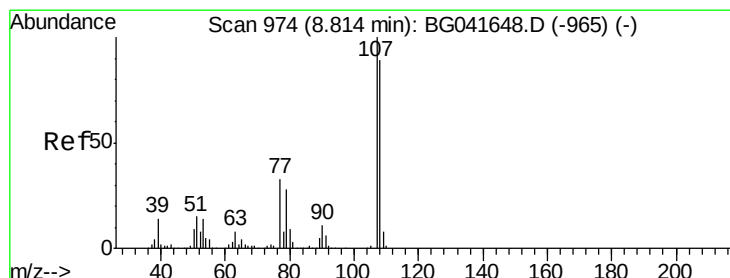
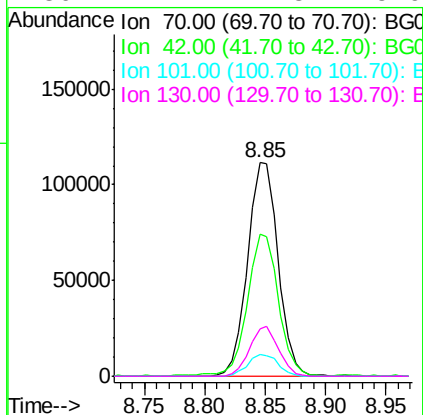




#19
n-Nitroso-di-n-propylamine
Concen: 27.815 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

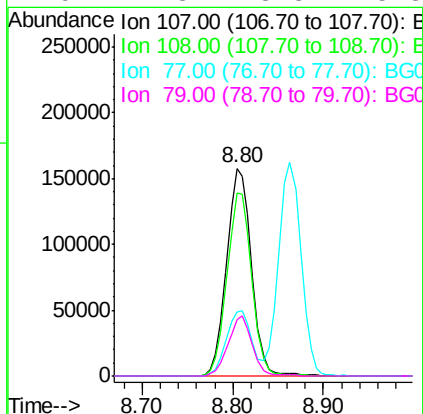
Instrument :
BNA_G
ClientSampleId :

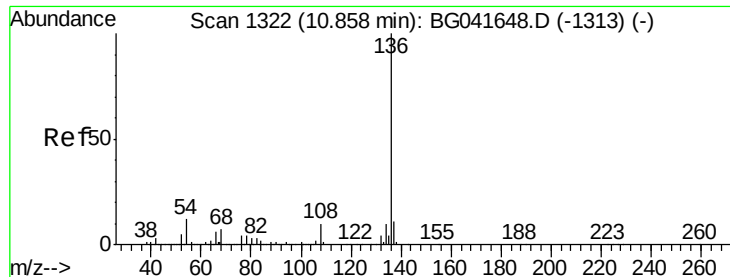
Tot Ion:	70	Resp:	197103
Ion	Ratio	Lower	Upper
70	100		
42	66.6	55.8	83.6
101	10.4	8.1	12.1
130	22.2	17.3	25.9



#20
3+4-Methylphenols
Concen: 31.024 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:	107	Resp:	300319
Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.5	107.5
77	31.1	12.3	52.3
79	27.3	8.3	48.3

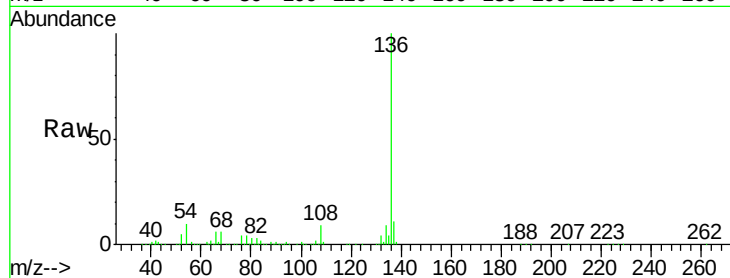




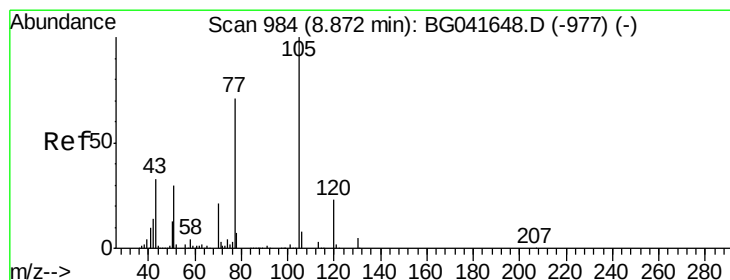
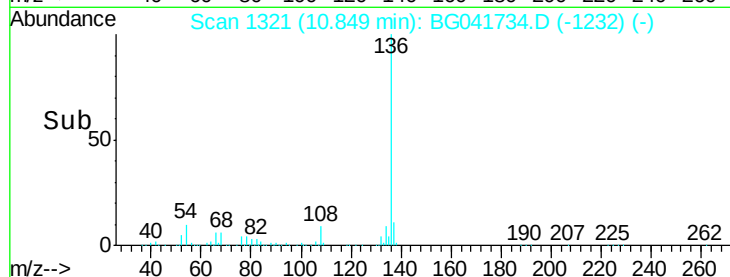
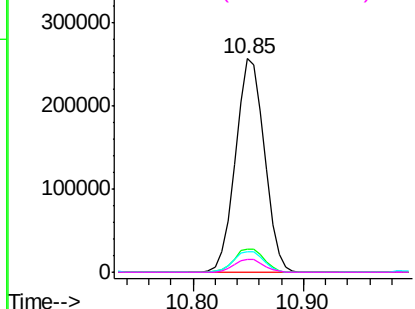
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	471563	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.2	13.8	
54 9.8	8.7	13.1	
68 6.2	5.5	8.3	

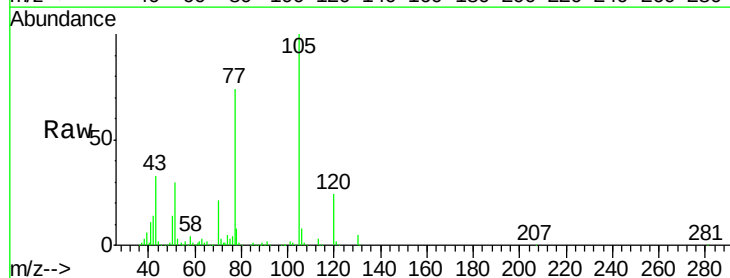


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

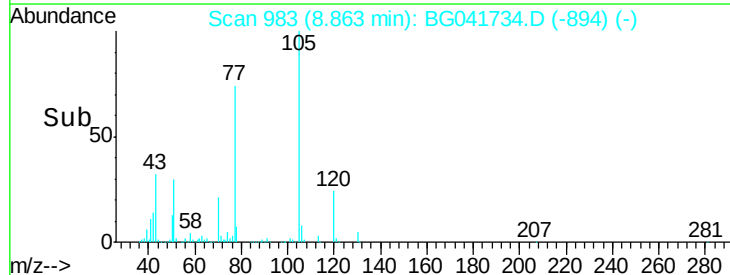
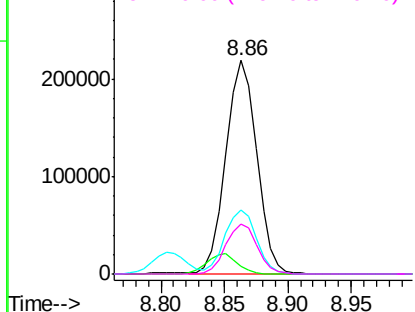


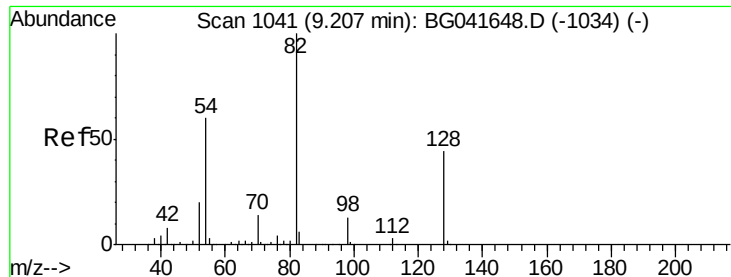
#22
Acetophenone
Concen: 32.382 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt	Ion:105	Resp:	371915
Ion	Ratio	Lower	Upper
105	100		
71	3.5	5.9	8.9#
51	30.2	27.7	41.5
120	23.5	19.3	28.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 70.453 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampled :

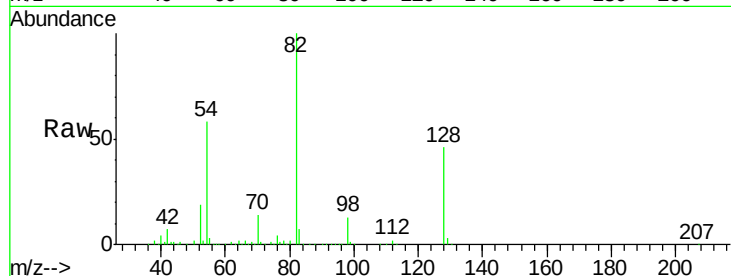
Tot Ion: 82 Resp: 546298

Ion Ratio Lower Upper

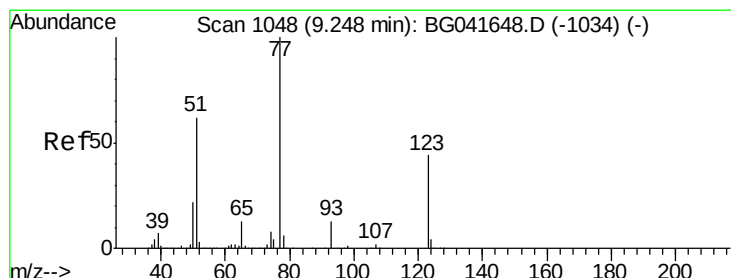
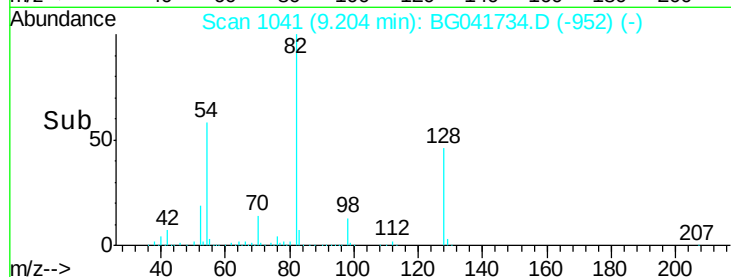
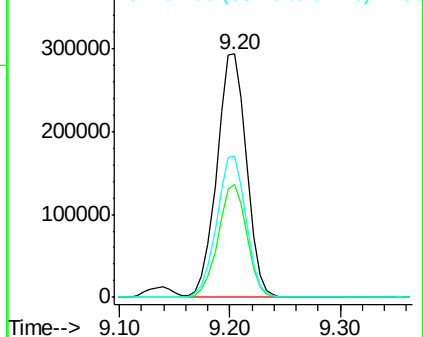
82 100

128 46.3 35.1 52.7

54 57.8 48.7 73.1



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: 32.386 ng

RT: 9.24 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

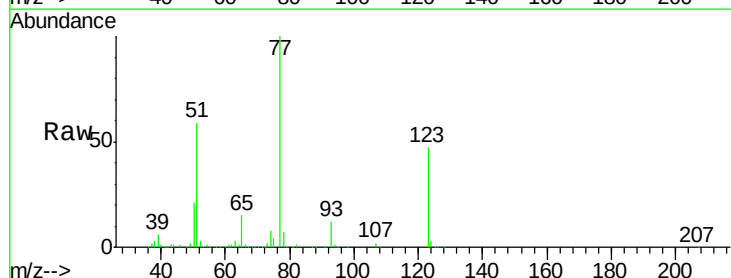
Tgt Ion: 77 Resp: 273939

Ion Ratio Lower Upper

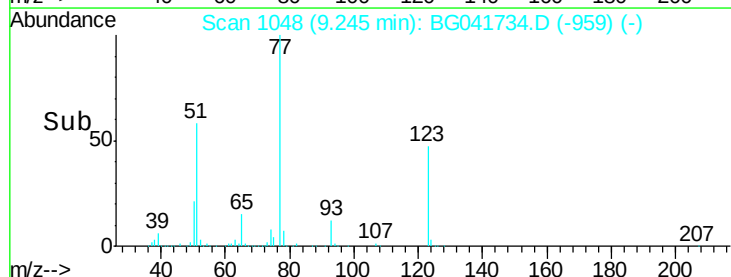
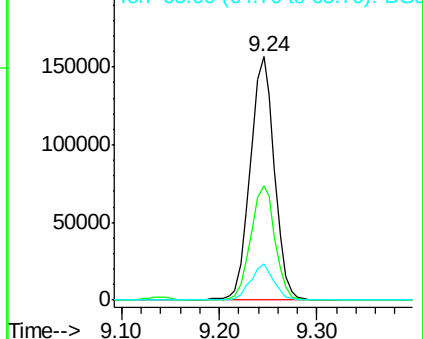
77 100

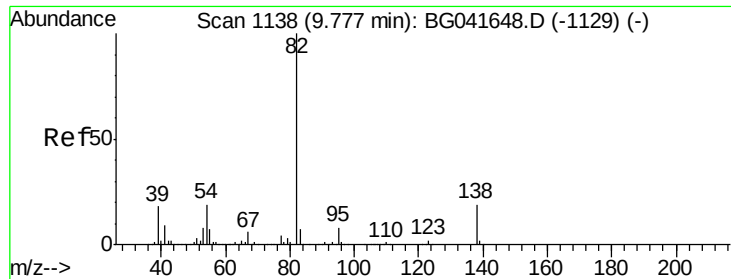
123 47.1 38.1 57.1

65 15.1 11.0 16.6



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

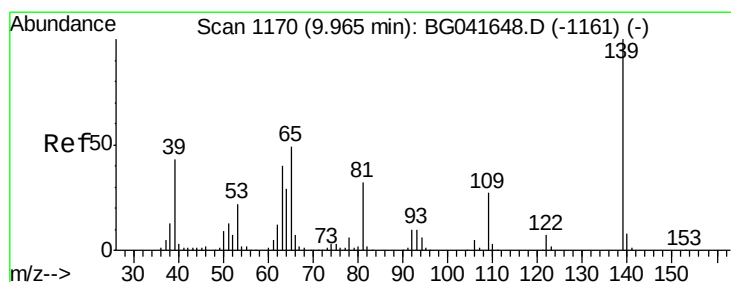
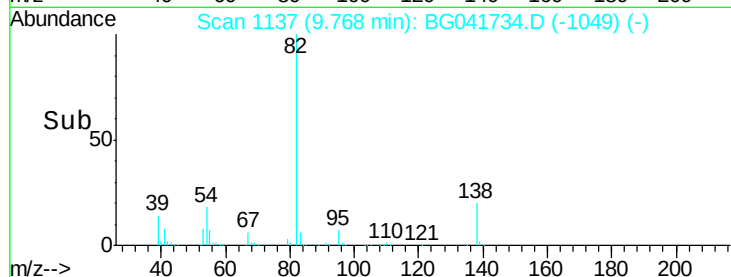
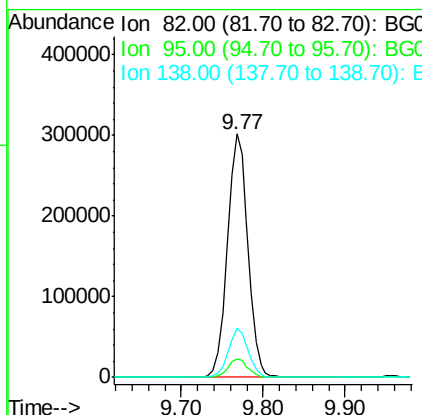
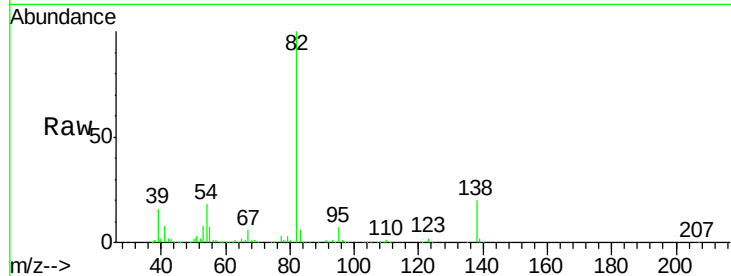




#25
Isophorone
Concen: 30.754 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

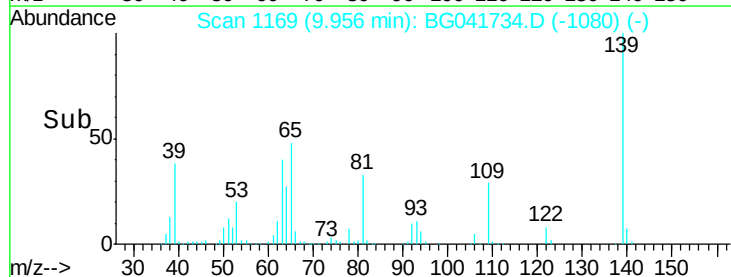
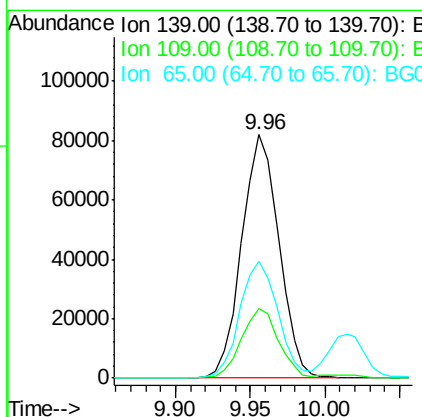
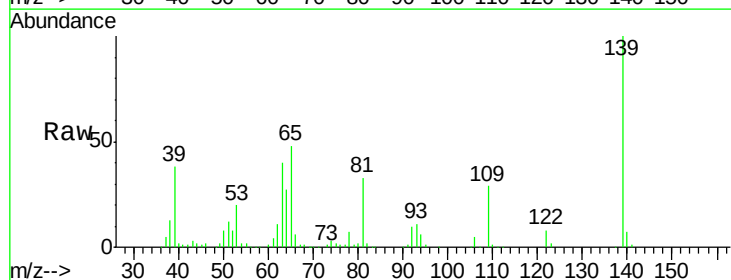
Instrument :
BNA_G
ClientSampleId :

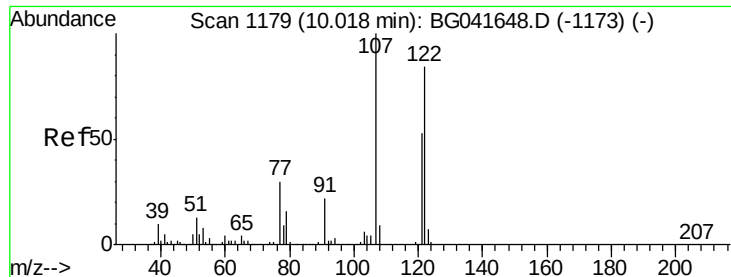
Tot Ion	82	Resp	522182
Ion Ratio	100		
Lower	5.9		
Upper	8.9		
95	7.3		
138	20.0	16.3	24.5



#26
2-Nitrophenol
Concen: 37.641 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	139	Resp	141750
Ion Ratio	100		
Lower	22.7		
Upper	34.1		
109	28.8		
65	48.0	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 37.071 ng

RT: 10.01 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

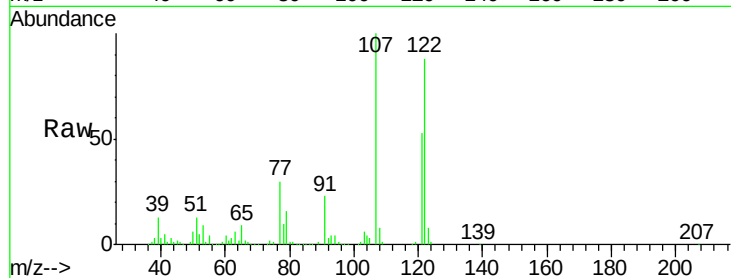
Tot Ion:122 Resp: 249046

Ion Ratio Lower Upper

122 100

107 114.2 91.3 136.9

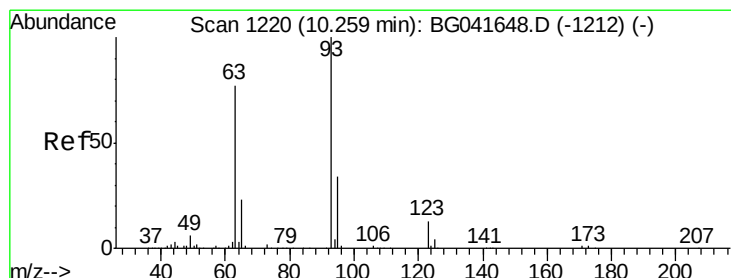
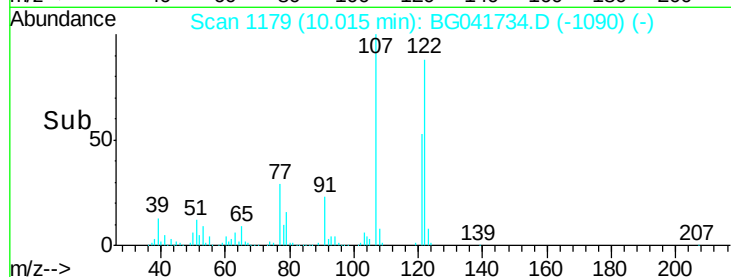
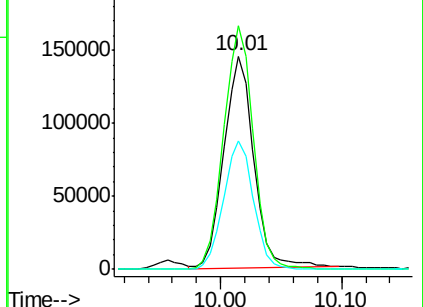
121 60.0 49.2 73.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.905 ng

RT: 10.25 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

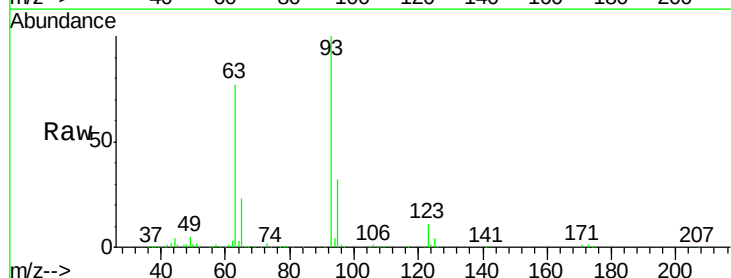
Tgt Ion: 93 Resp: 323417

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

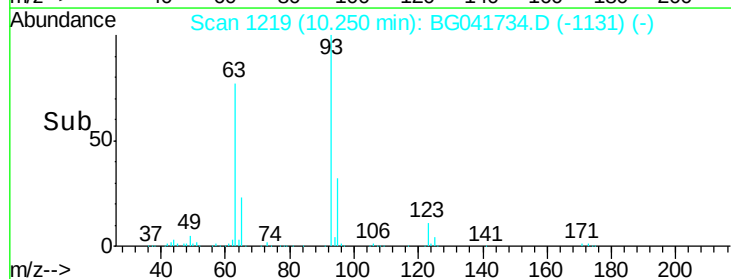
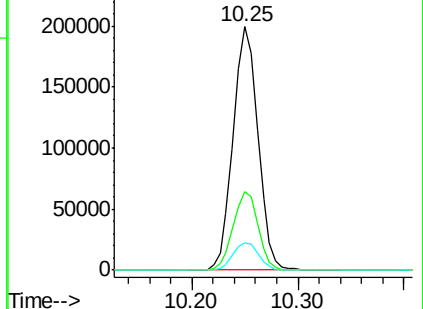
123 11.4 9.9 14.9

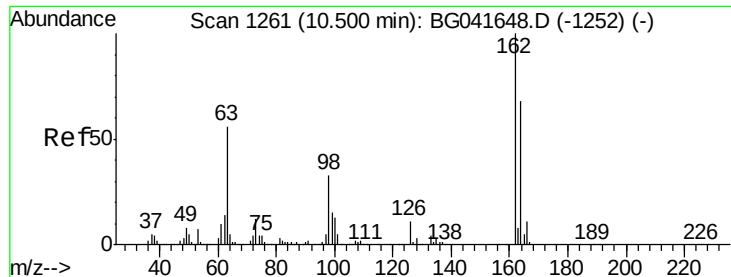


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

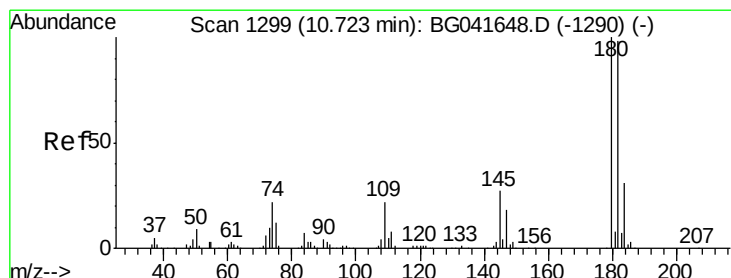
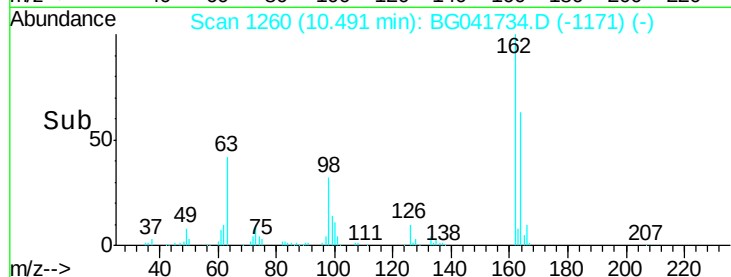
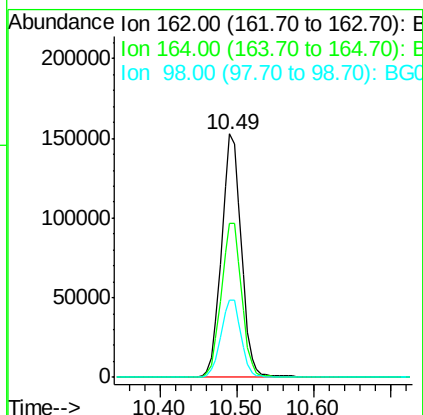
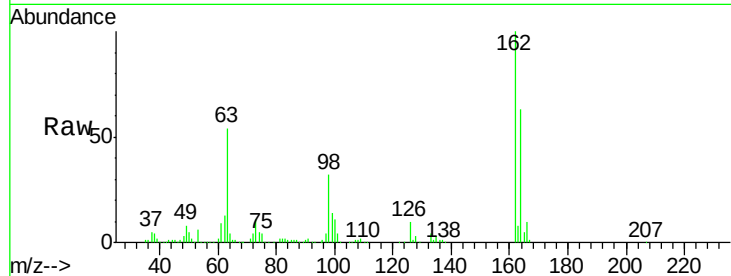




#29
2,4-Dichlorophenol
Concen: 35.492 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

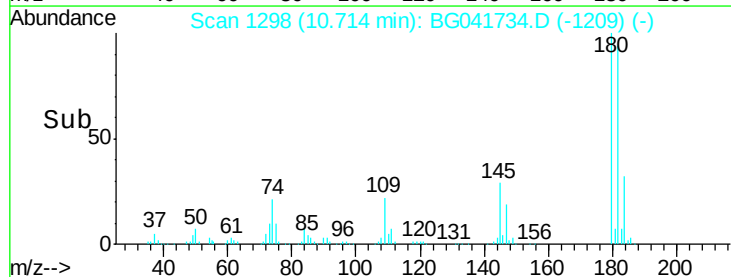
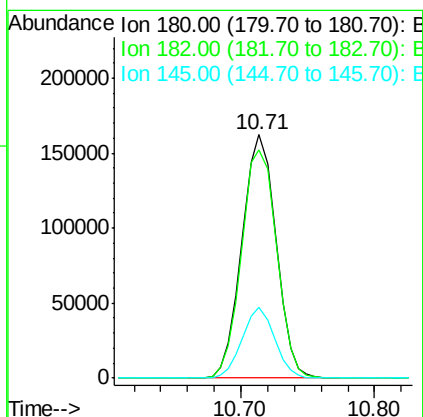
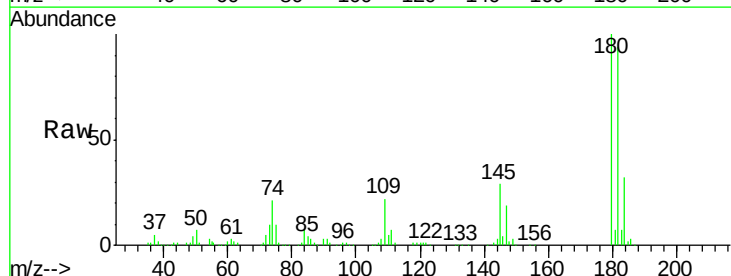
Instrument :
BNA_G
ClientSampleId :

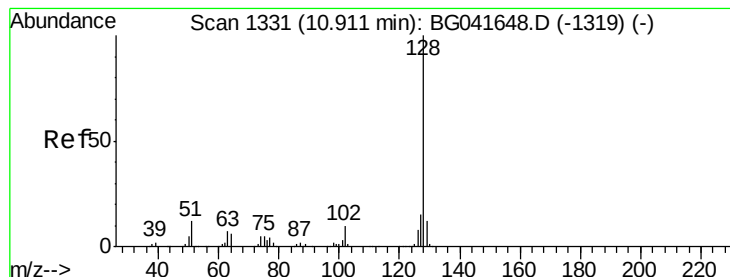
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.1	86.1
98	31.7	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 31.870 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.2	114.2
145	29.4	23.8	35.8





#31

Naphthalene

Concen: 32.283 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

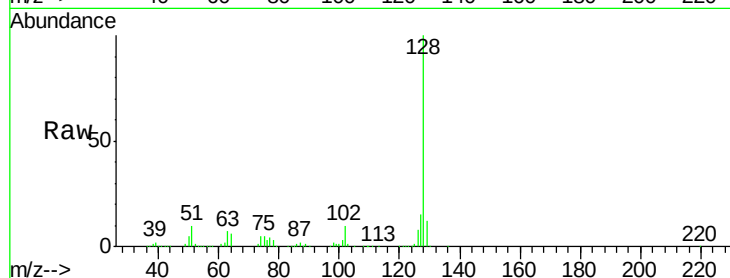
Tot Ion:128 Resp: 749475

Ion Ratio Lower Upper

128 100

129 11.9 10.0 15.0

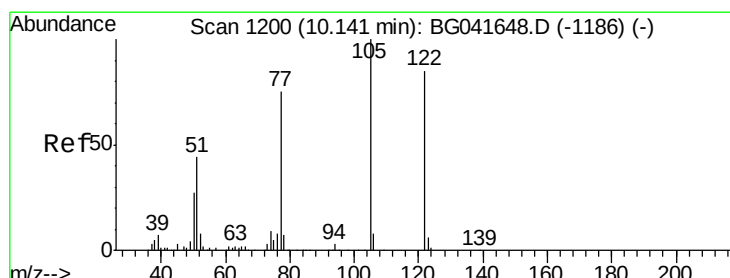
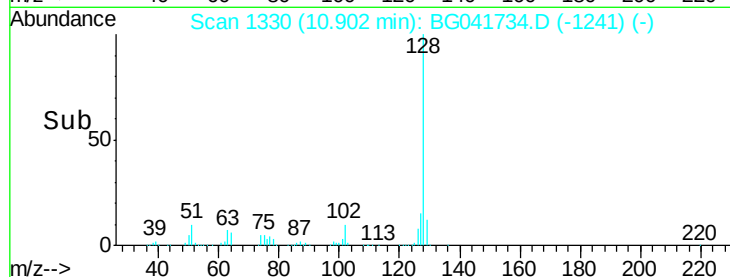
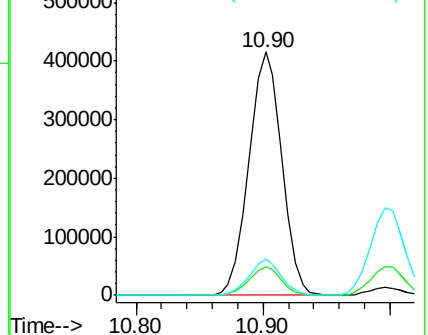
127 15.0 12.3 18.5



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: 48.728 ng

RT: 10.01 min Scan# 1179

Delta R.T. -0.15 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

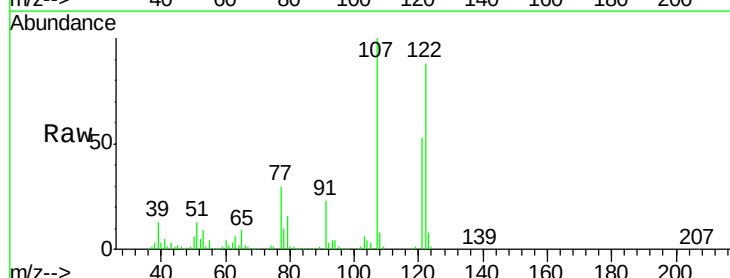
Tgt Ion:122 Resp: 249046

Ion Ratio Lower Upper

122 100

105 3.5 101.5 141.5#

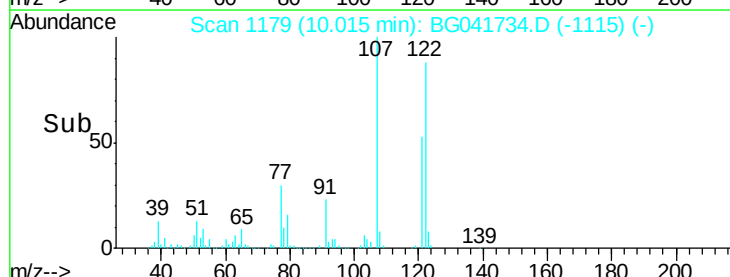
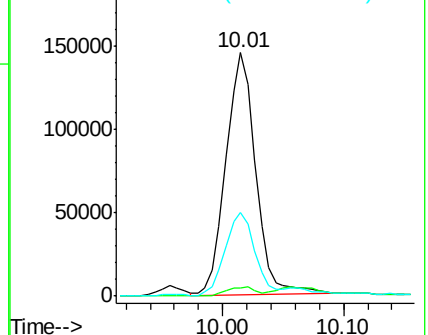
77 34.2 73.0 113.0#

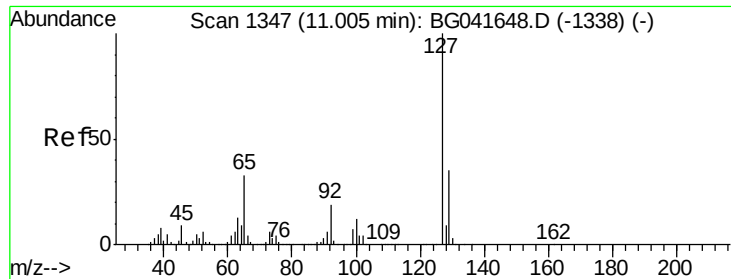


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

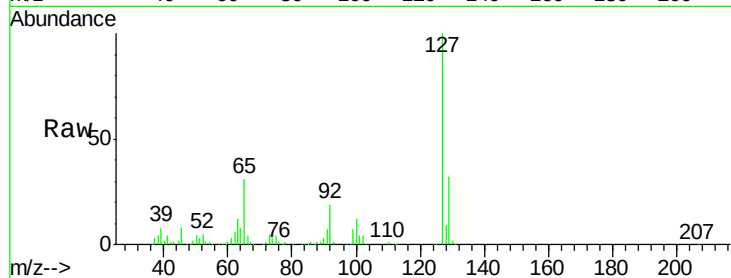




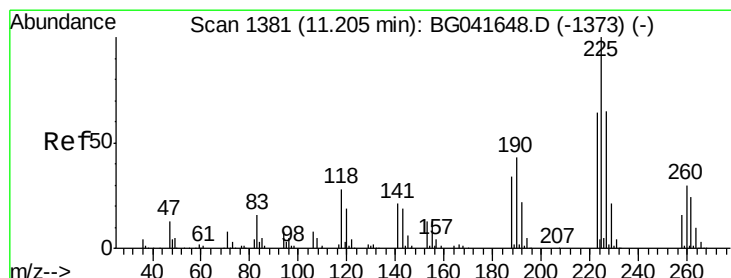
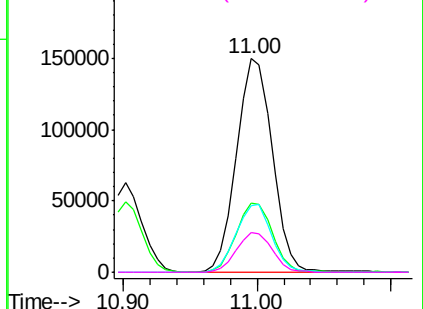
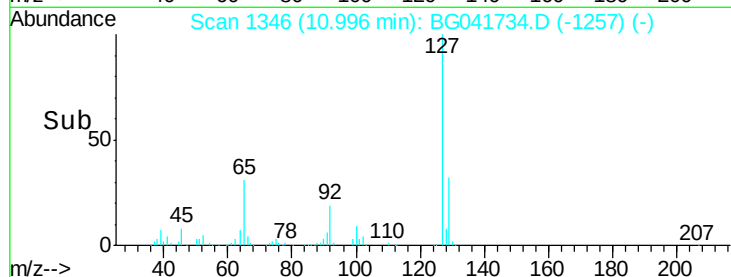
#33
4-Chloroaniline
Concen: 25.911 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	277472
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	31.1	26.7	40.1
92	18.8	15.4	23.0

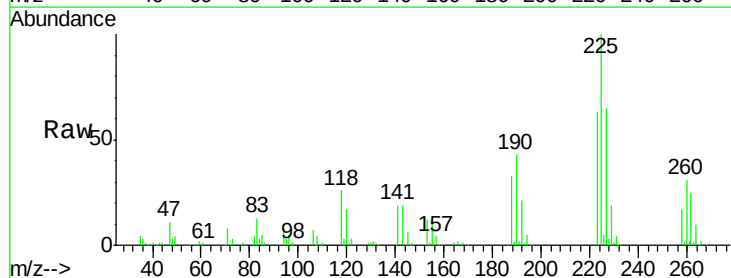


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

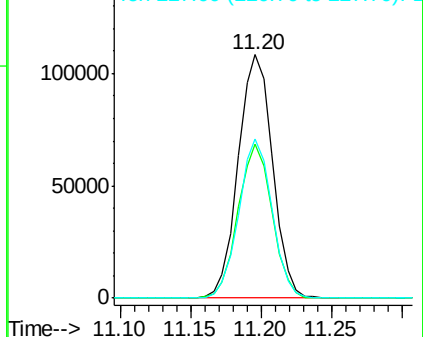
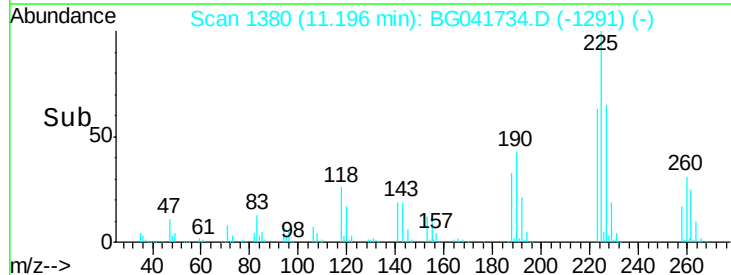


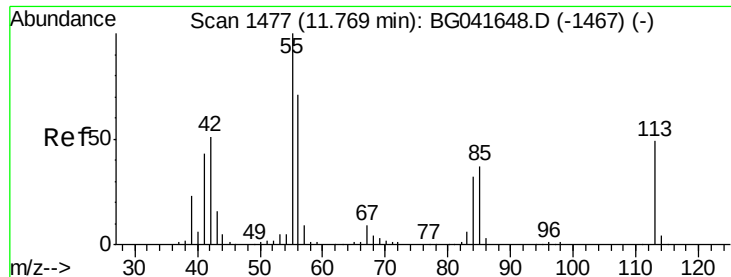
#34
Hexachlorobutadiene
Concen: 31.891 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:	225	Resp:	184342
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.1	76.7
227	65.4	50.9	76.3



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

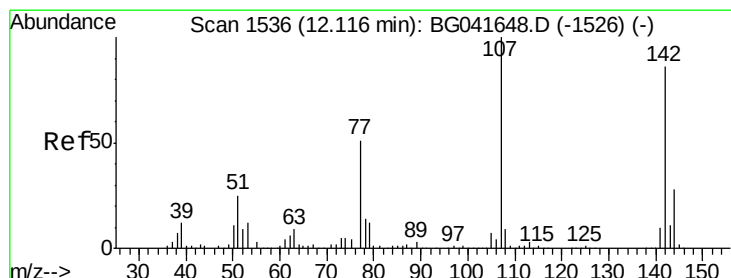
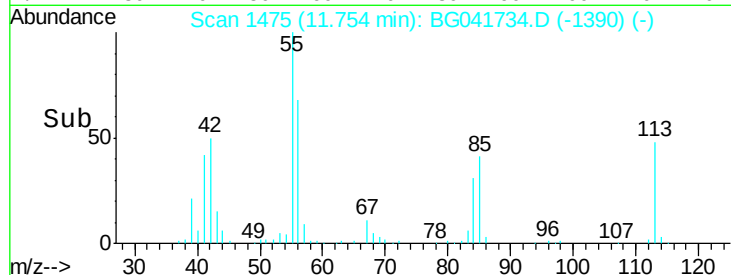
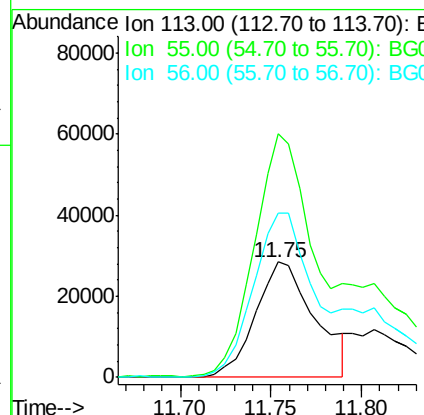
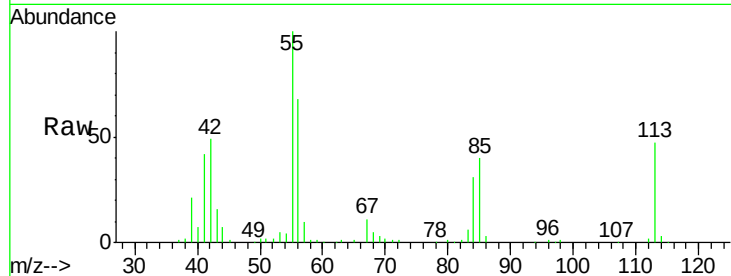




#35
 Caprolactam
 Concen: 23.061 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

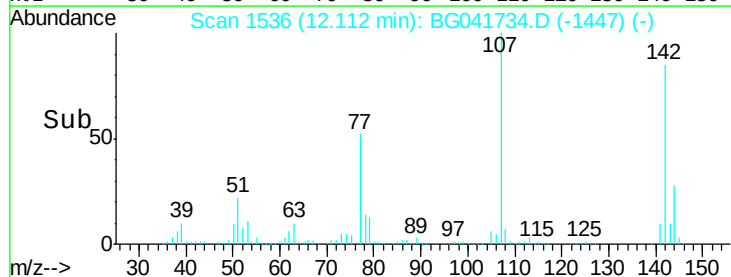
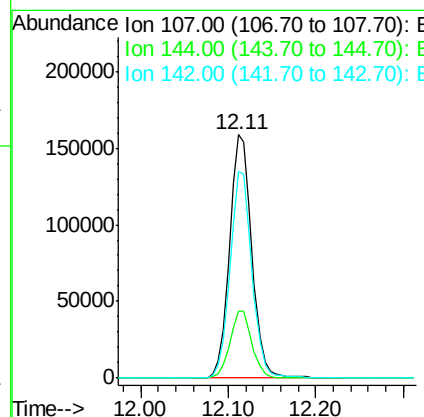
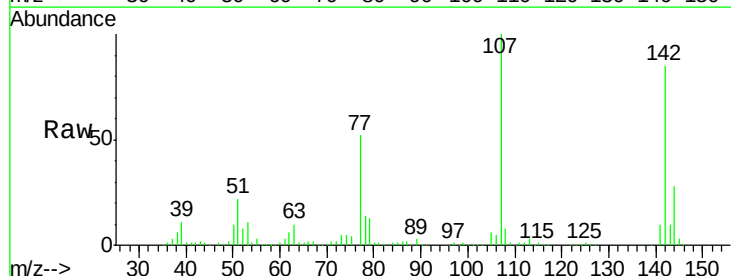
Instrument :
 BNA_G
 ClientSampleId :

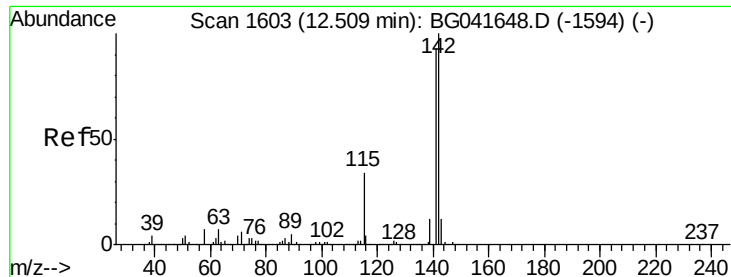
Tot Ion:113 Resp: 64925
 Ion Ratio Lower Upper
 113 100
 55 211.2 199.4 239.4
 56 143.0 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 34.481 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion:107 Resp: 276683
 Ion Ratio Lower Upper
 107 100
 144 27.7 22.2 33.2
 142 84.8 67.3 100.9

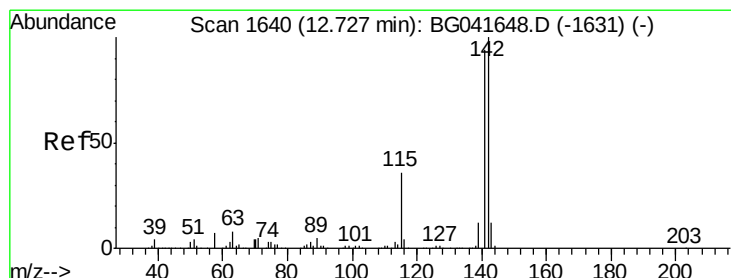
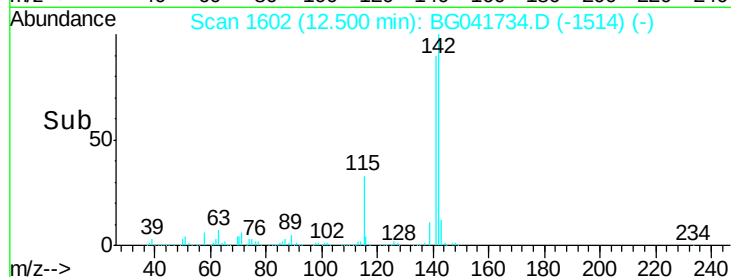
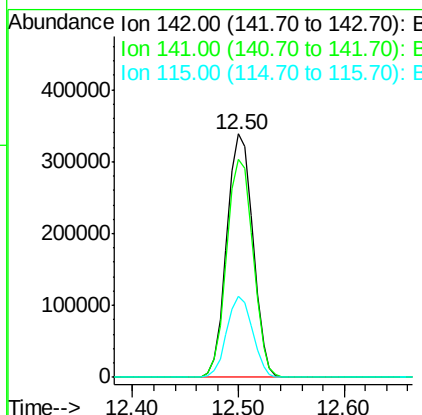
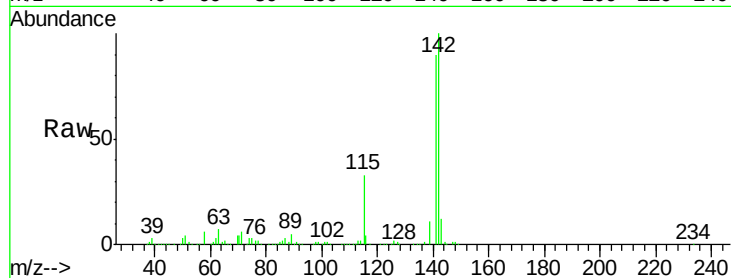




#37
2-Methylnaphthalene
Concen: 32.637 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

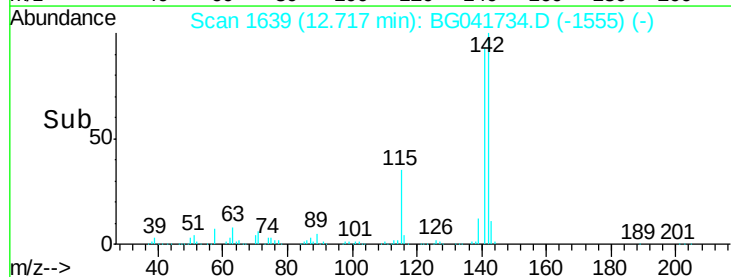
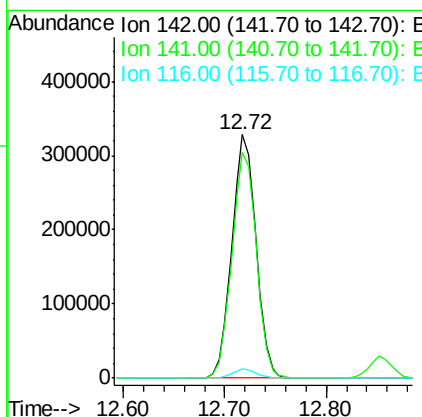
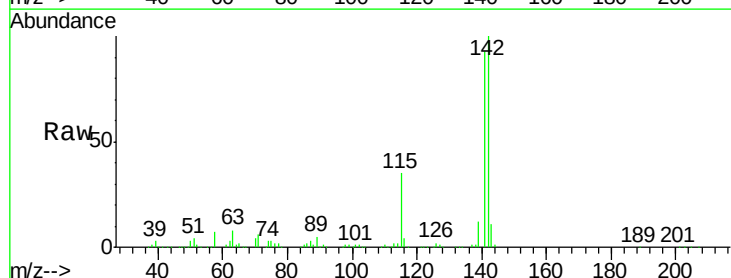
Instrument :
BNA_G
ClientSampleId :

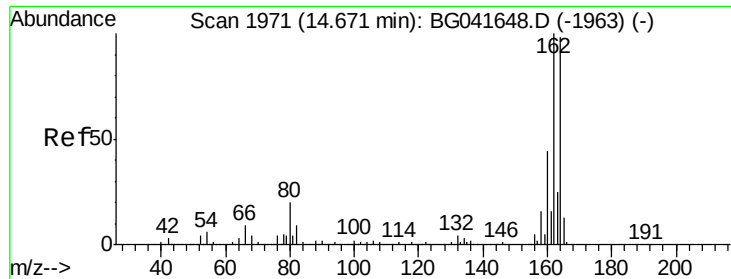
Tot Ion:142 Resp: 578893
Ion Ratio Lower Upper
142 100
141 89.8 72.7 109.1
115 33.1 27.0 40.4



#38
1-Methylnaphthalene
Concen: 32.102 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:142 Resp: 542833
Ion Ratio Lower Upper
142 100
141 92.9 75.4 113.2
116 3.8 3.2 4.8

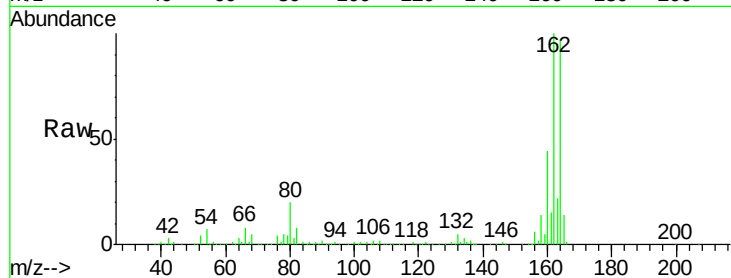




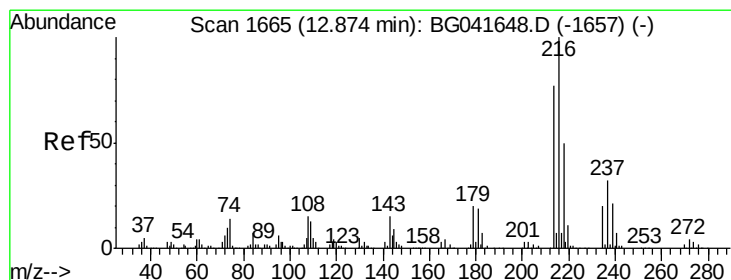
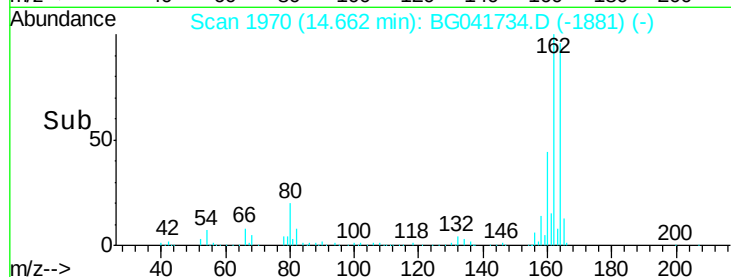
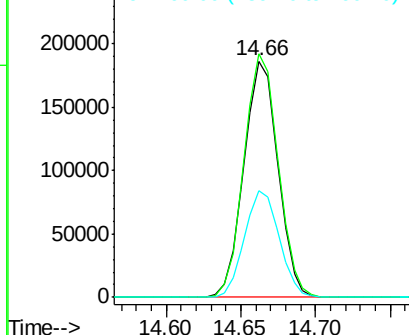
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 293873
Ion Ratio Lower Upper
164 100
162 103.1 79.6 119.4
160 45.1 35.4 53.0

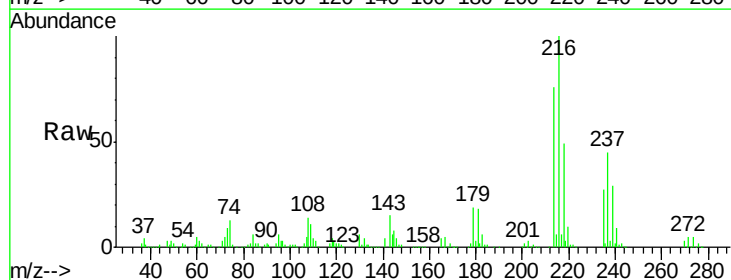


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

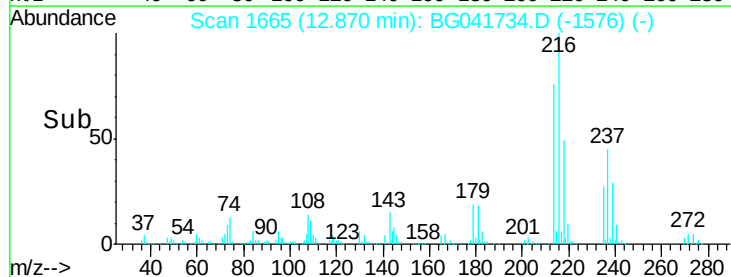
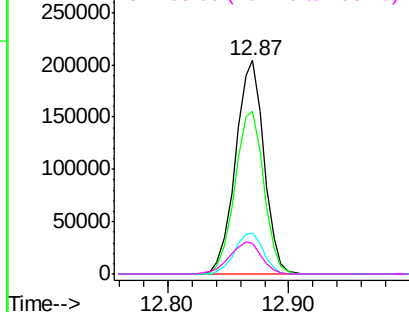


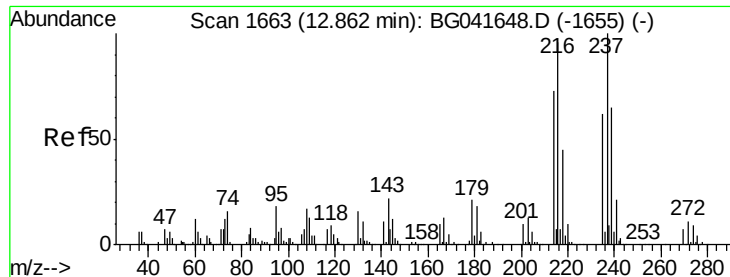
#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.175 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:216 Resp: 333951
Ion Ratio Lower Upper
216 100
214 77.4 61.5 92.3
179 19.4 16.2 24.2
108 16.7 13.2 19.8



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.941 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

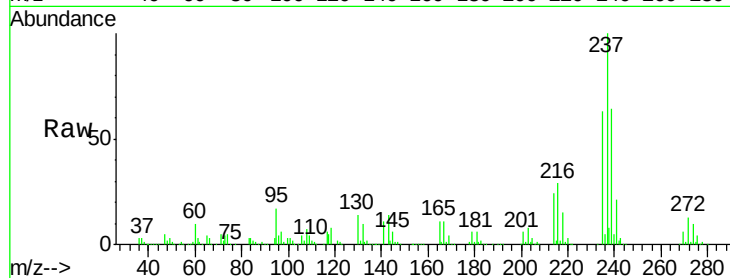
Tot Ion:237 Resp: 426732

Ion Ratio Lower Upper

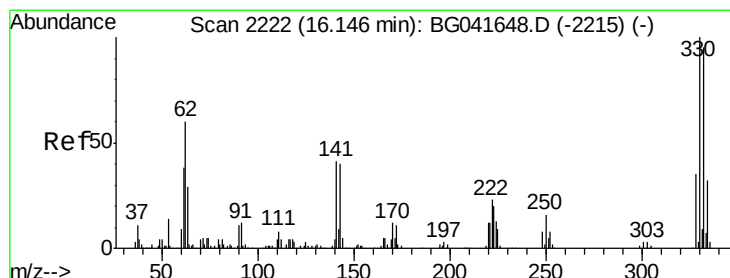
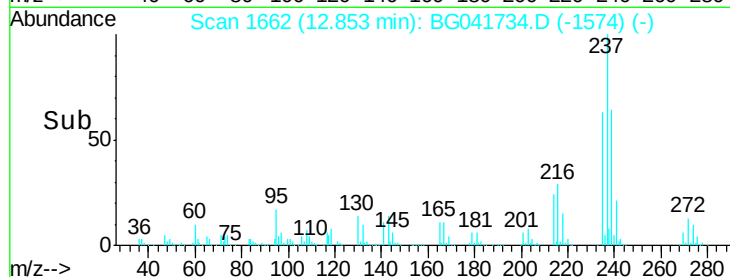
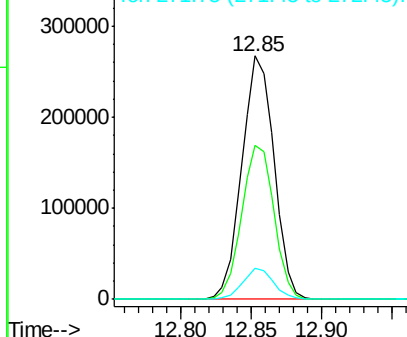
237 100

235 63.4 43.5 83.5

272 12.5 0.0 31.2



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: 113.275 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

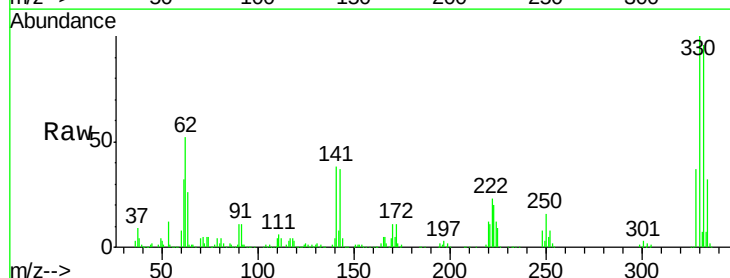
Tgt Ion:330 Resp: 375156

Ion Ratio Lower Upper

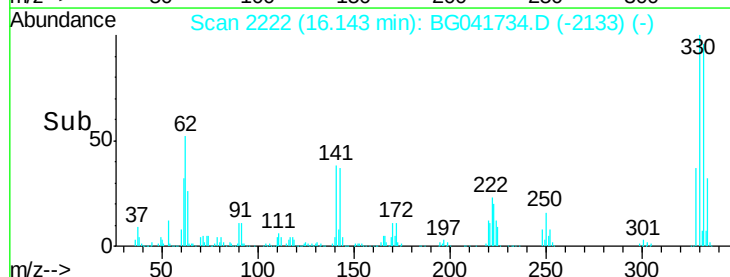
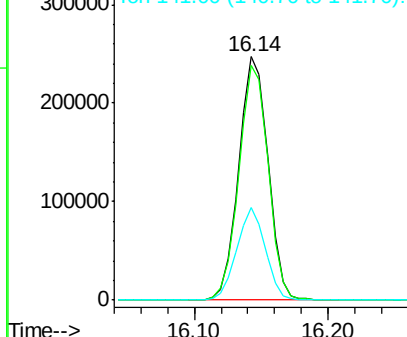
330 100

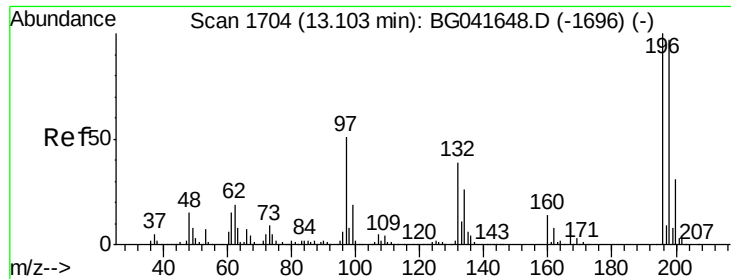
332 96.6 77.4 116.0

141 37.0 31.9 47.9



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

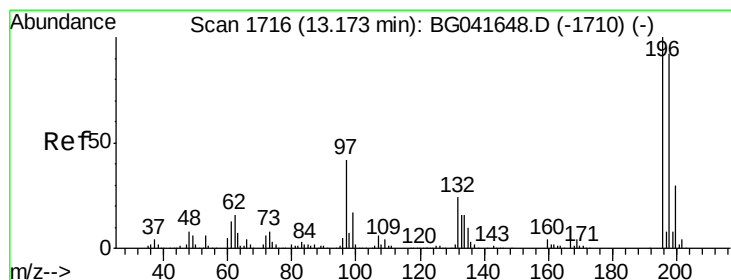
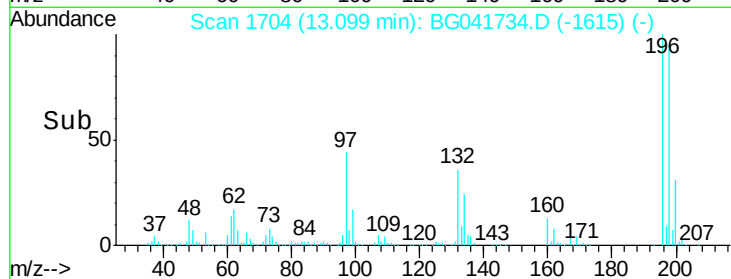
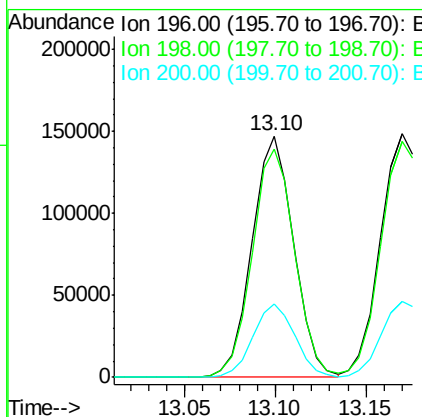
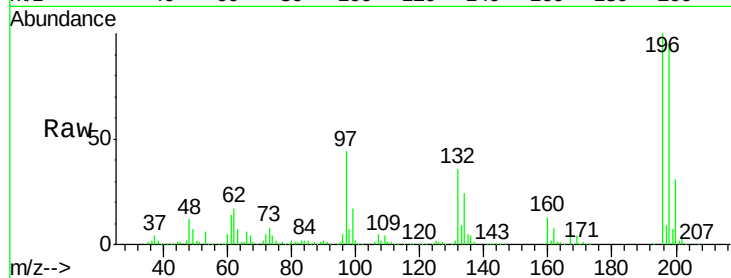




#43
 2,4,6-Trichlorophenol
 Concen: 35.950 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

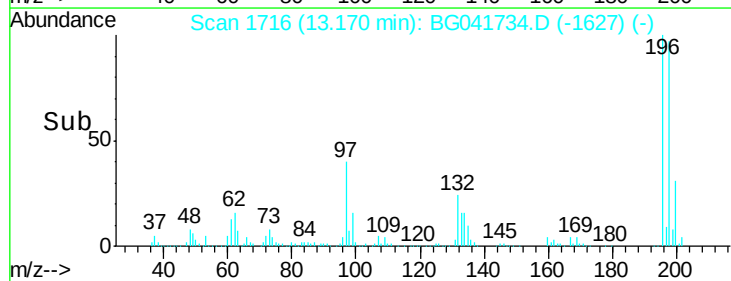
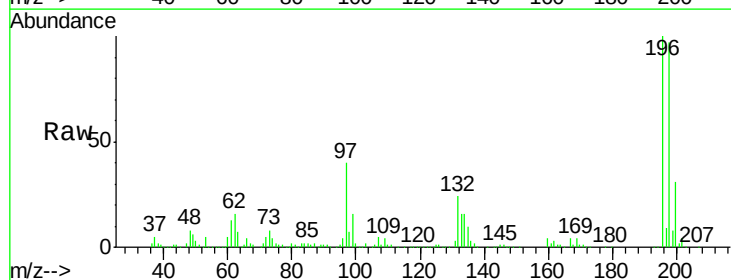
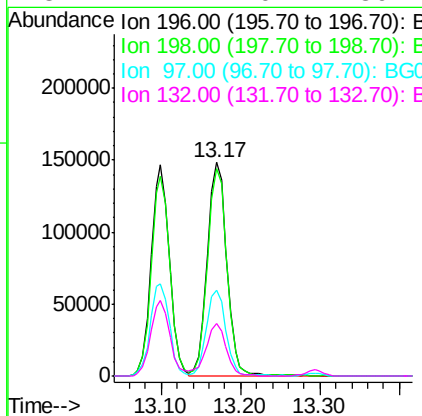
Instrument :
 BNA_G
 ClientSampleId :

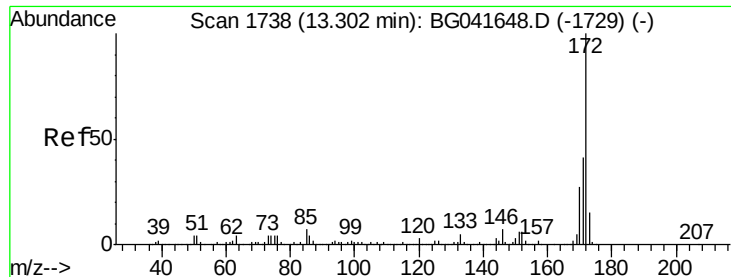
Tot Ion	196	Resp	235139
Ion Ratio	Lower	Upper	
196	100		
198	94.6	79.6	119.4
200	30.7	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 36.993 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion	196	Resp	254931
Ion Ratio	Lower	Upper	
196	100		
198	97.1	80.6	121.0
97	40.4	33.9	50.9
132	24.4	20.2	30.2

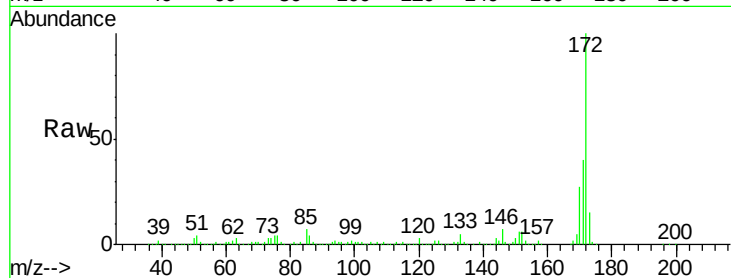




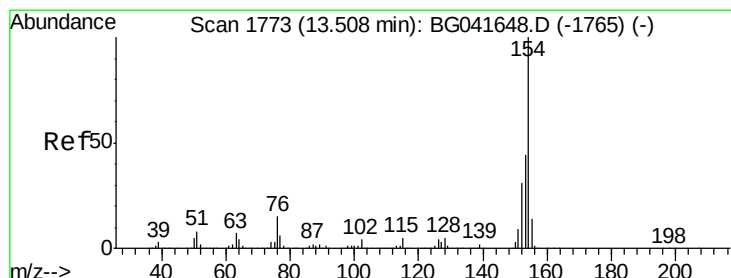
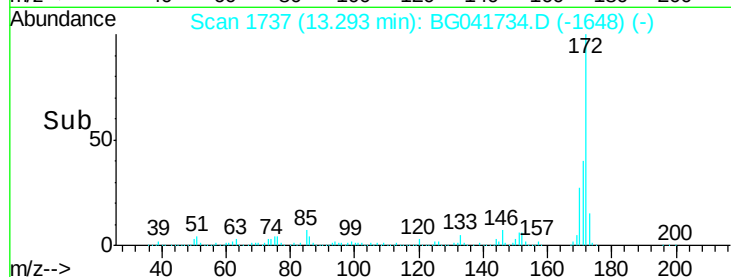
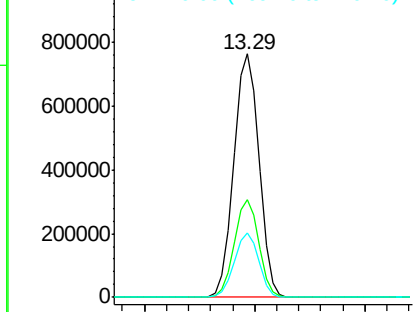
#45
2-Fluorobiphenyl
Concen: 64.706 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1227983
Ion Ratio Lower Upper
172 100
171 40.2 35.0 52.4
170 26.6 23.5 35.3

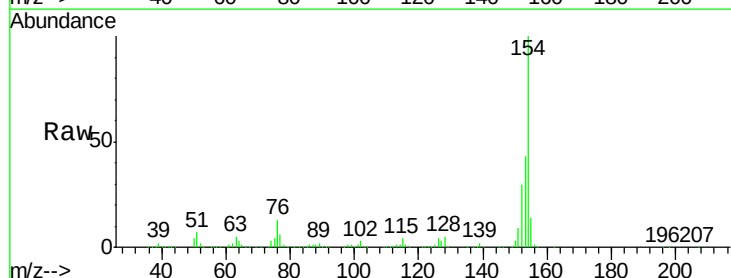


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

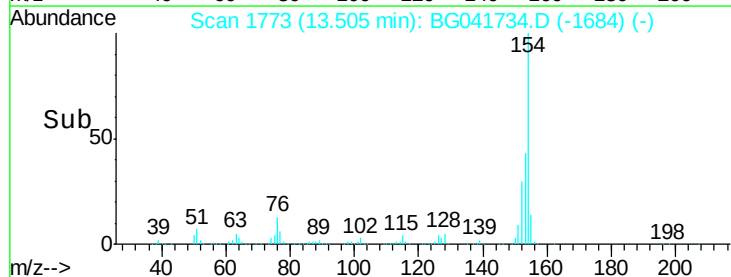
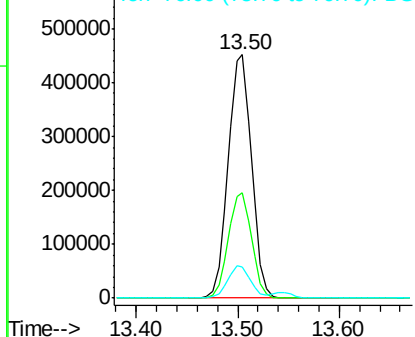


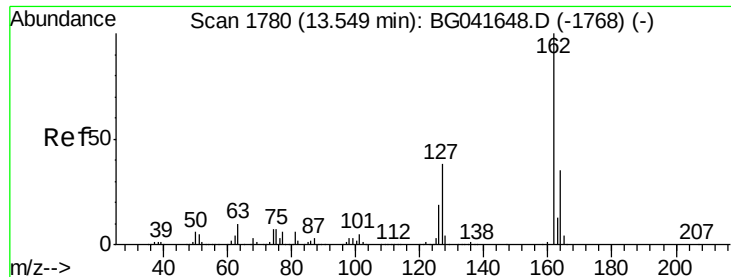
#46
1,1'-Biphenyl
Concen: 32.673 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:154 Resp: 719337
Ion Ratio Lower Upper
154 100
153 43.1 25.0 65.0
76 12.6 0.0 34.5



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

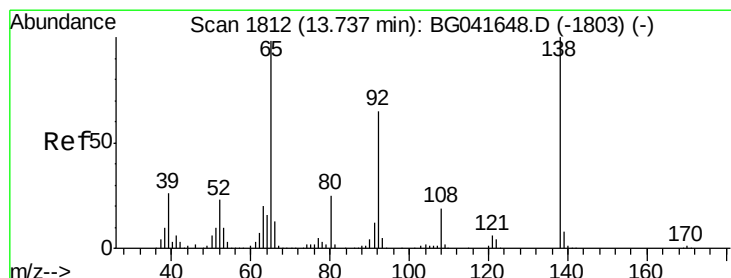
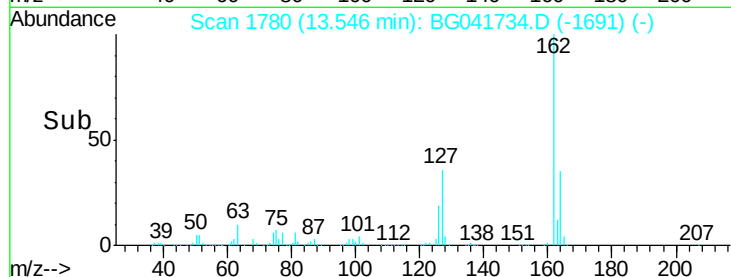
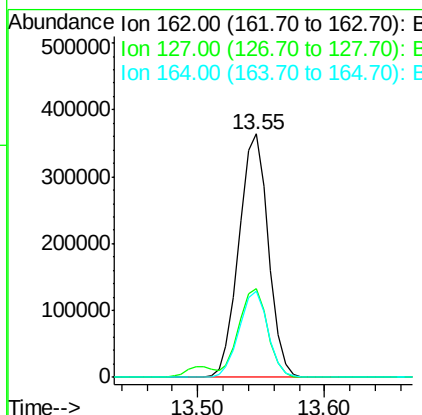
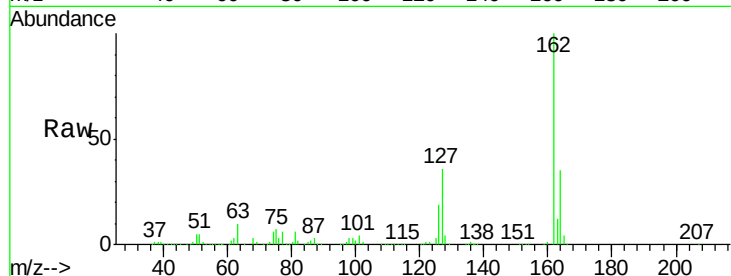




#47
 2-Chloronaphthalene
 Concen: 31.750 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

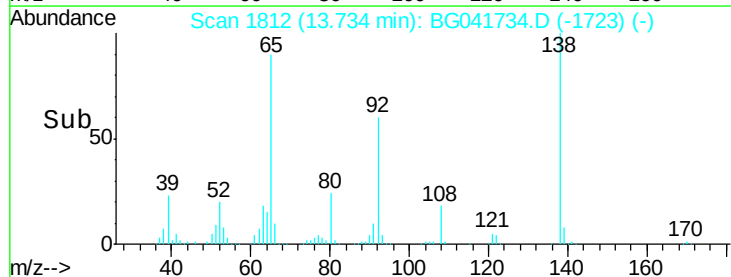
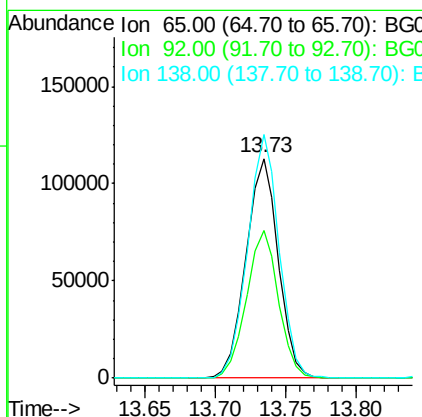
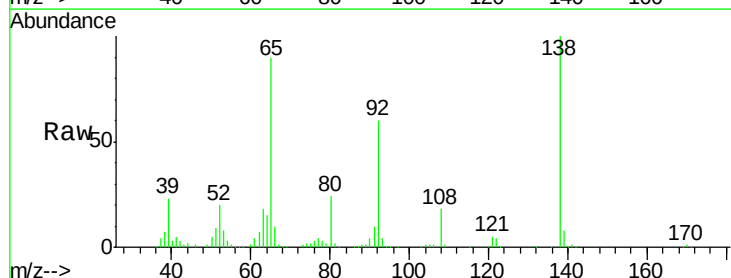
Instrument :
 BNA_G
 ClientSampled :

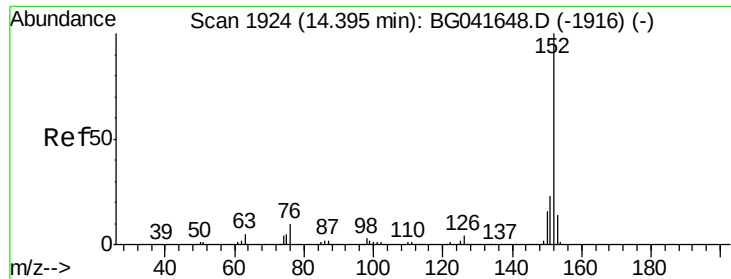
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.4	45.6
164	35.4	28.6	42.8



#48
 2-Nitroaniline
 Concen: 33.978 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.9	80.9
138	110.7	83.5	125.3





#49

Acenaphthylene

Concen: 32.325 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

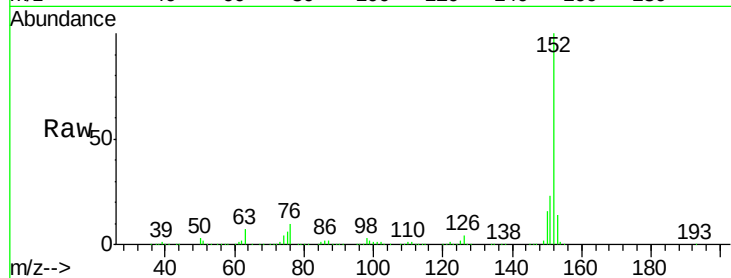
Tot Ion:152 Resp: 925928

Ion Ratio Lower Upper

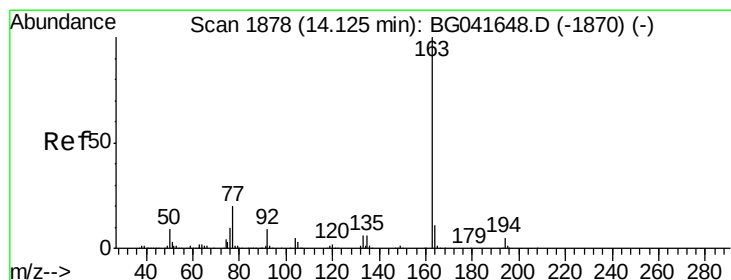
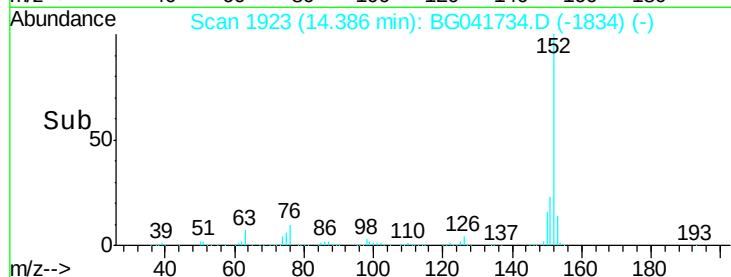
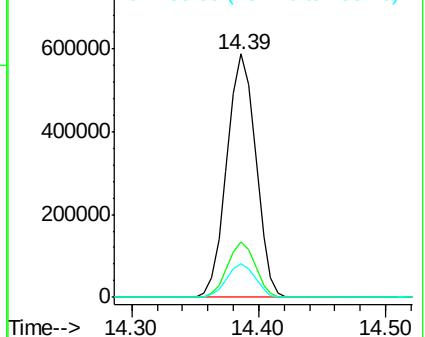
152 100

151 22.6 18.7 28.1

153 14.1 12.4 18.6



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: 42.439 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

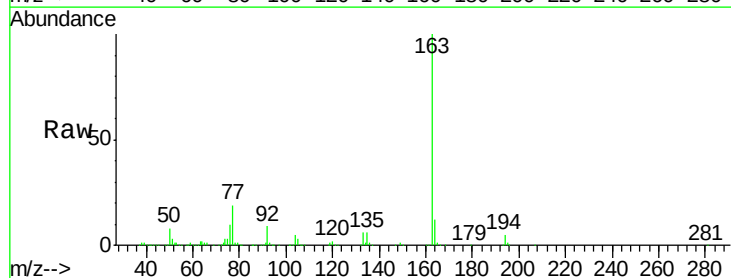
Tgt Ion:163 Resp: 979521

Ion Ratio Lower Upper

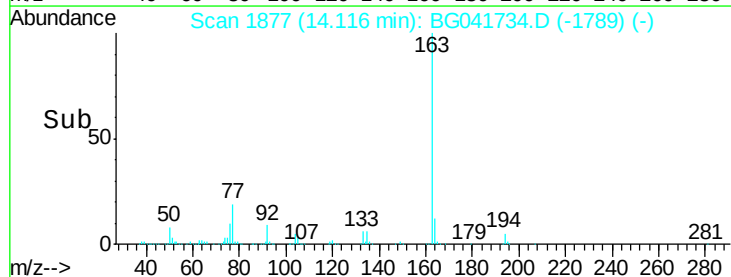
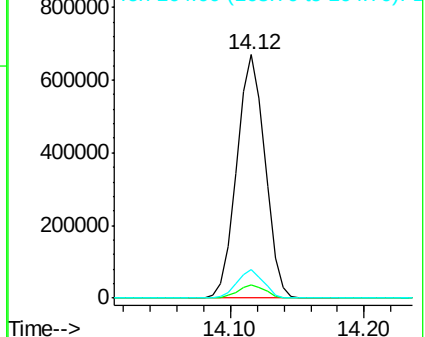
163 100

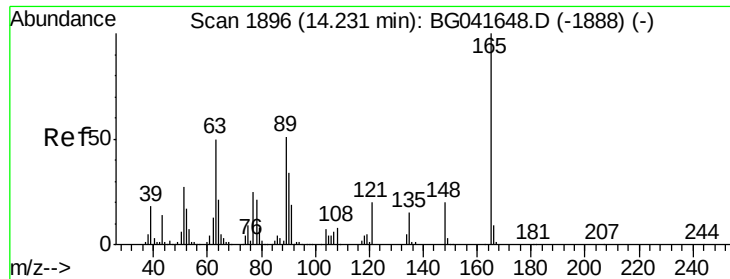
194 5.2 4.2 6.2

164 11.7 9.4 14.2



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

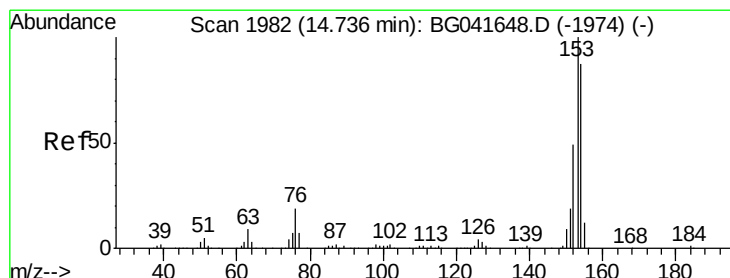
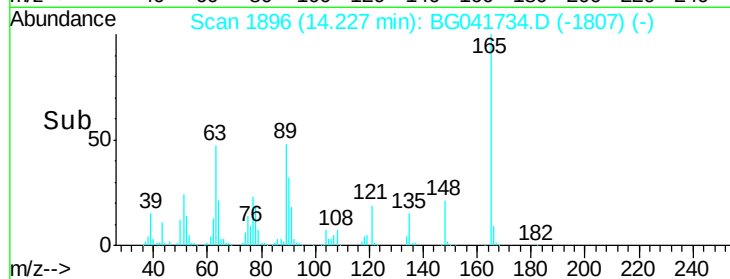
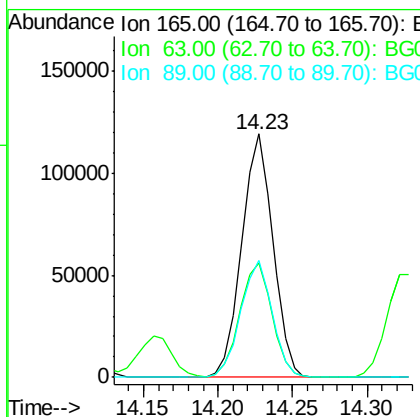
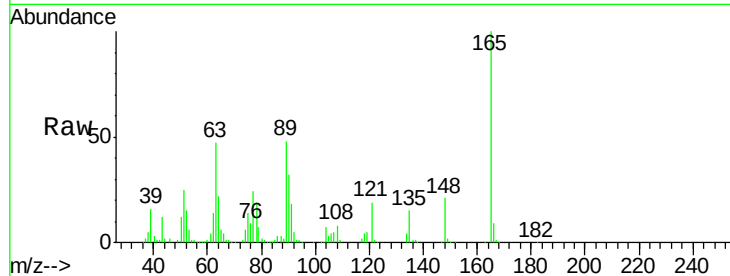




#51
 2,6-Dinitrotoluene
 Concen: 35.281 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

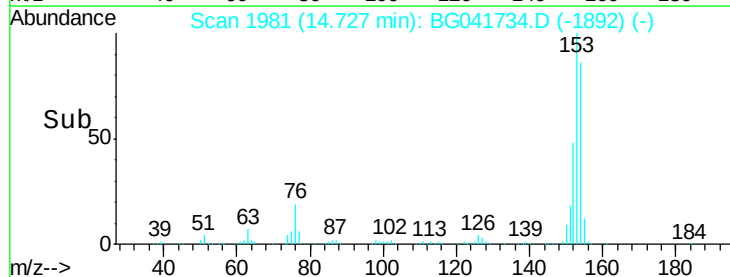
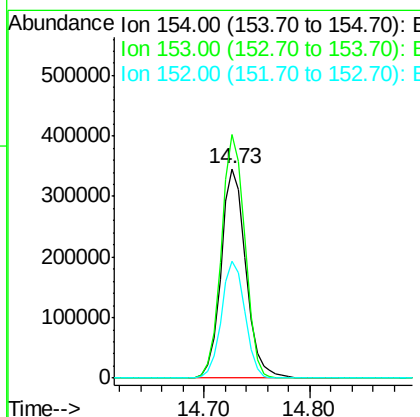
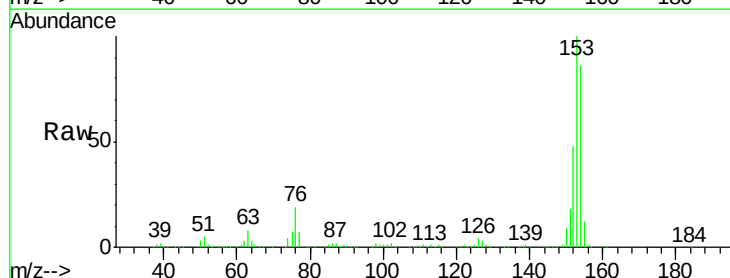
Instrument :
 BNA_G
 ClientSampleId :

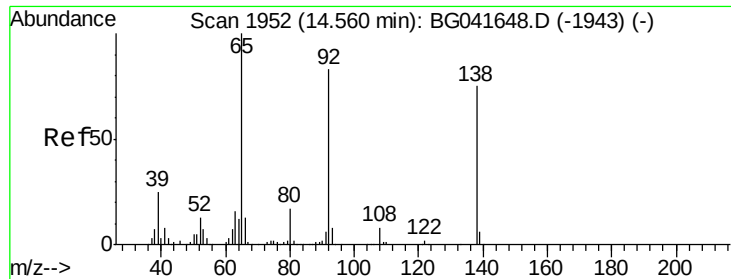
Tot Ion:165 Resp: 172723
 Ion Ratio Lower Upper
 165 100
 63 47.1 42.4 63.6
 89 48.0 42.1 63.1



#52
 Acenaphthene
 Concen: 31.108 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion:154 Resp: 561548
 Ion Ratio Lower Upper
 154 100
 153 116.2 89.8 134.6
 152 55.6 44.9 67.3

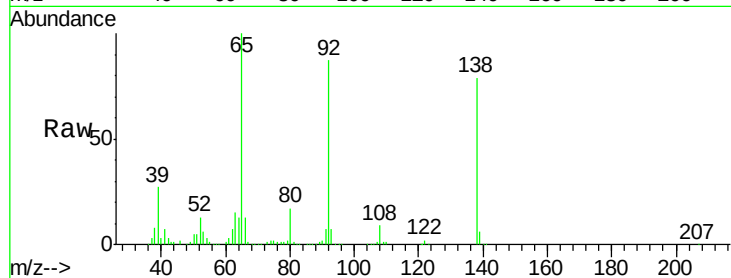




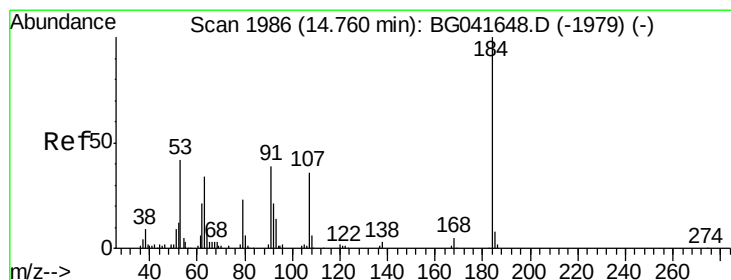
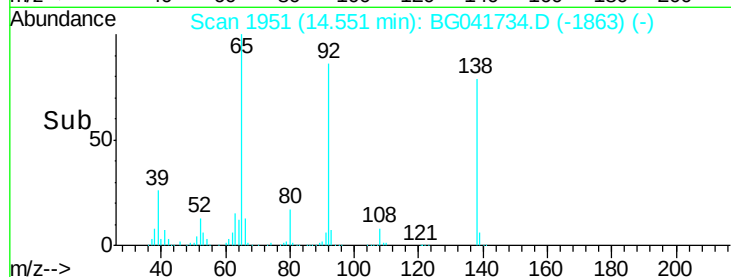
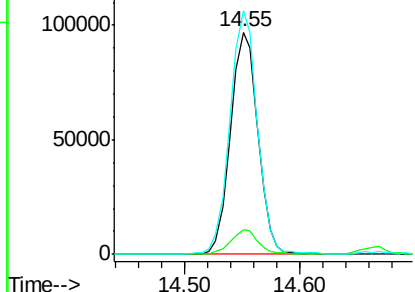
#53
 3-Nitroaniline
 Concen: 29.800 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 159258
 Ion Ratio Lower Upper
 138 100
 108 10.9 10.3 15.5
 92 109.6 93.0 139.4

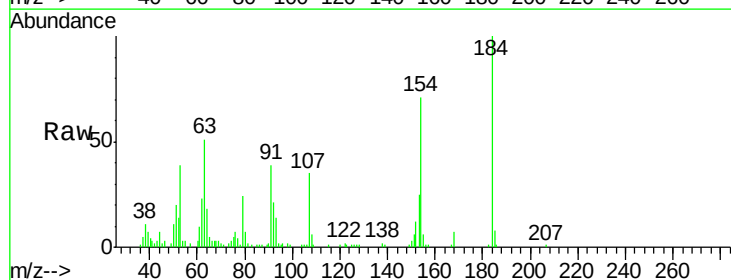


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): B

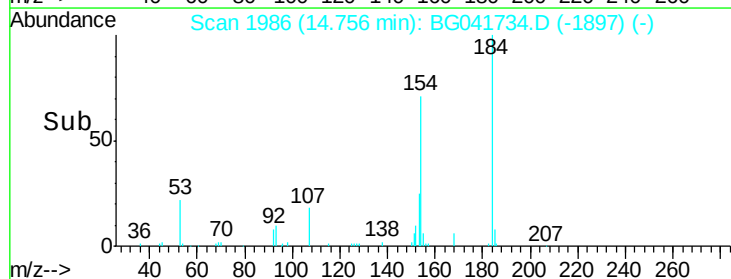
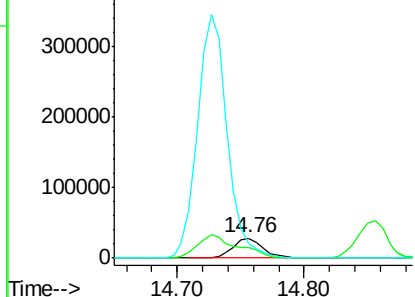


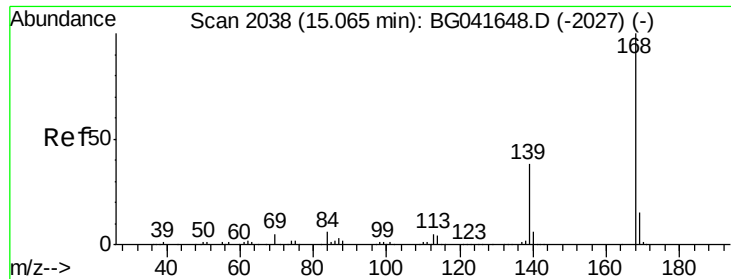
#54
 2,4-Dinitrophenol
 Concen: 24.934 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion:184 Resp: 47121
 Ion Ratio Lower Upper
 184 100
 63 50.9 43.2 64.8
 154 71.2 51.4 77.2



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

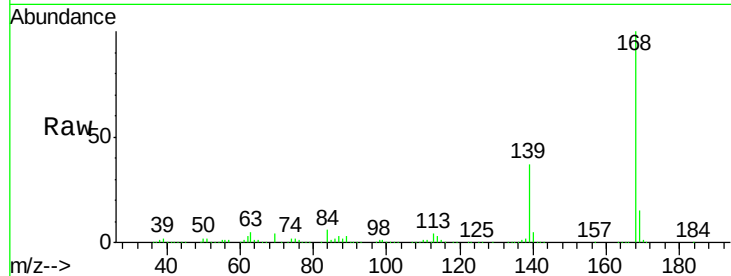




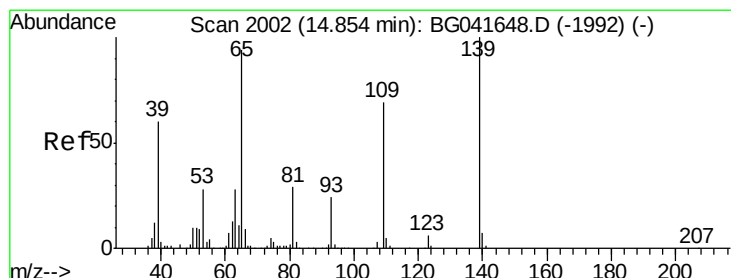
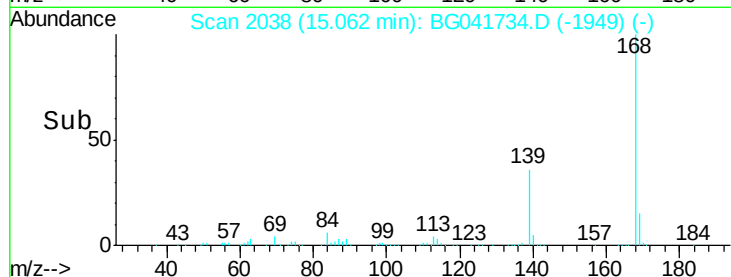
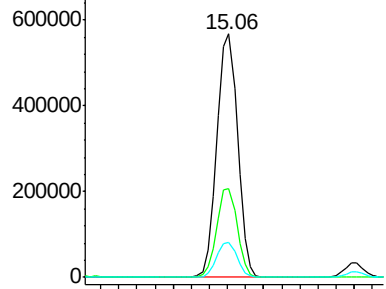
#55
Dibenzofuran
Concen: 33.242 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 900462
Ion Ratio Lower Upper
168 100
139 36.6 31.9 47.9
169 14.5 12.5 18.7

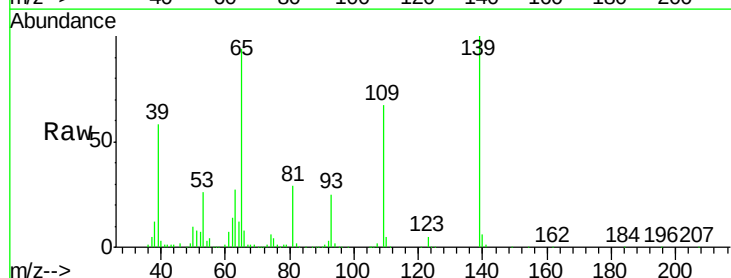


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

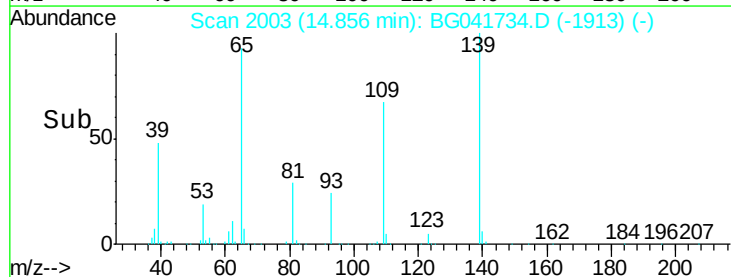
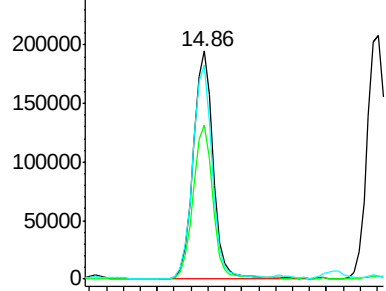


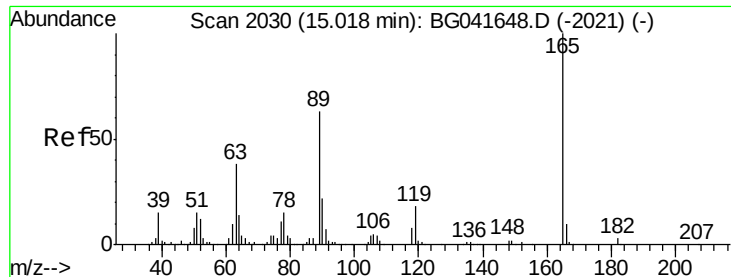
#56
4-Nitrophenol
Concen: 73.944 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:139 Resp: 319939
Ion Ratio Lower Upper
139 100
109 67.3 51.3 91.3
65 94.0 77.6 117.6



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): BGO

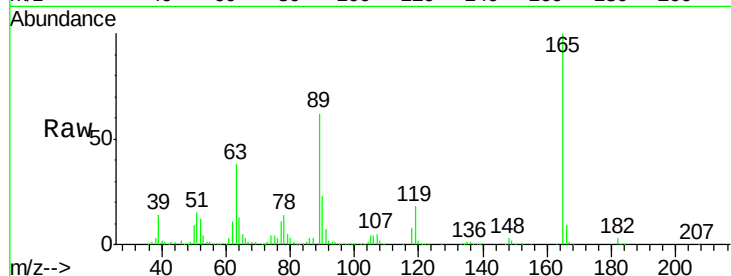




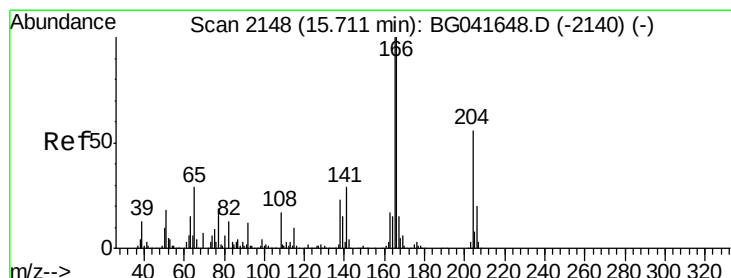
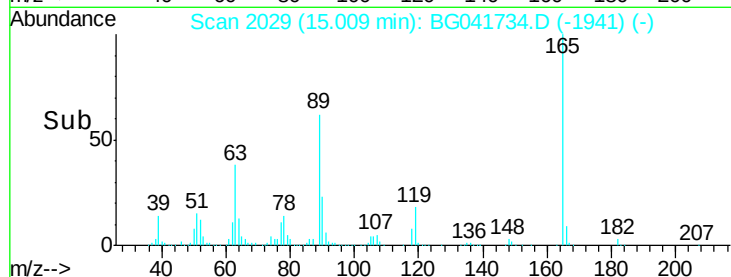
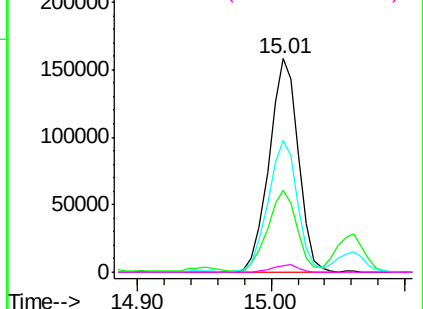
#57
 2,4-Dinitrotoluene
 Concen: 37.287 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	241299
Ion	Ratio	Lower Upper
165	100	
63	38.3	31.7 47.5
89	61.6	50.2 75.4
182	3.0	2.6 4.0

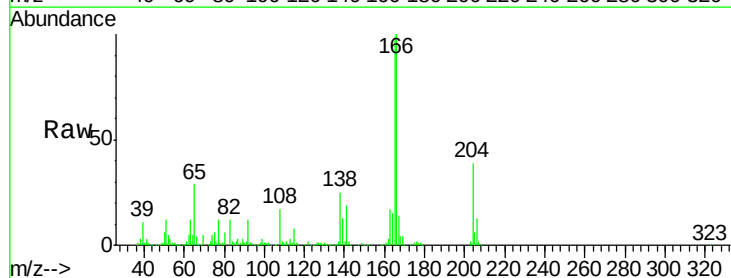


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

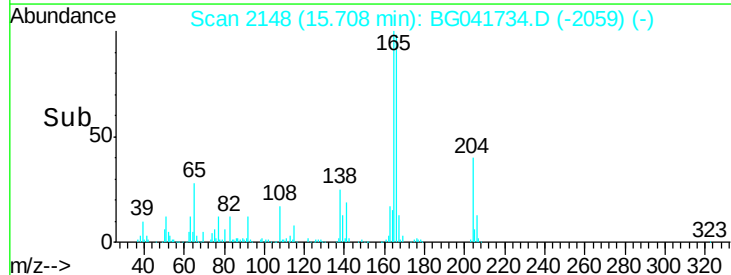
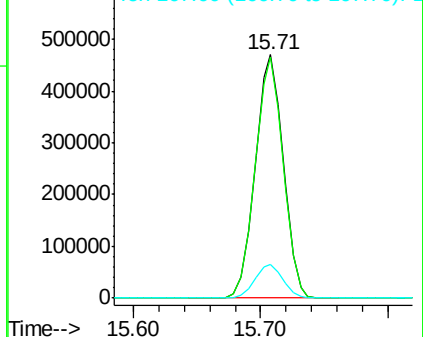


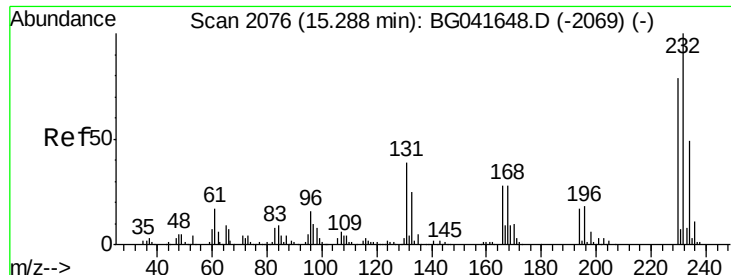
#58
 Fluorene
 Concen: 32.864 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion:166	Resp:	724352
Ion	Ratio	Lower Upper
166	100	
165	99.2	80.5 120.7
167	14.0	12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

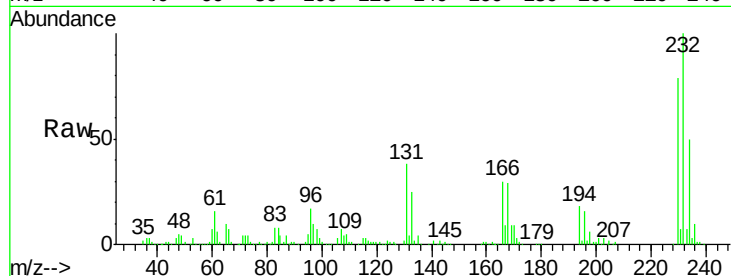




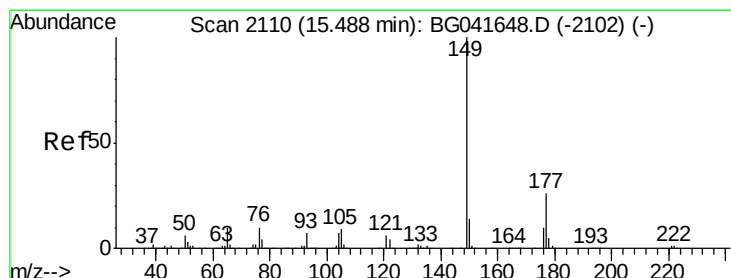
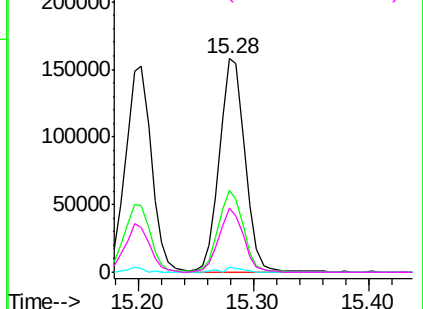
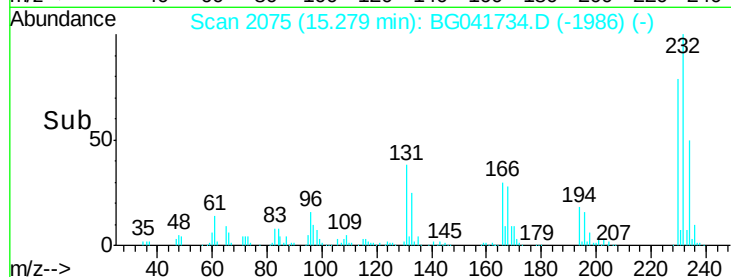
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.026 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	241919
Ion	Ratio	Lower	Upper
232	100		
131	37.4	31.8	47.6
130	1.8	1.8	2.8
166	28.5	23.5	35.3

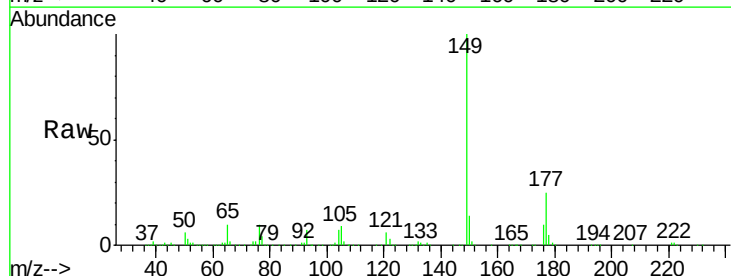


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

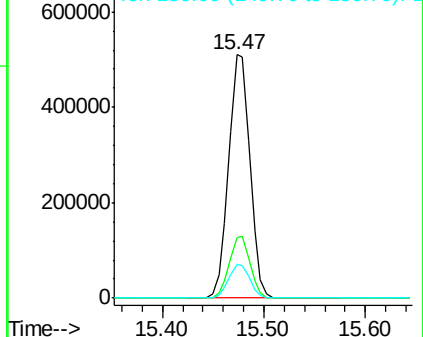
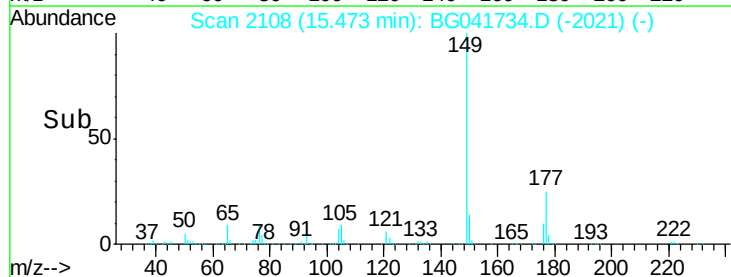


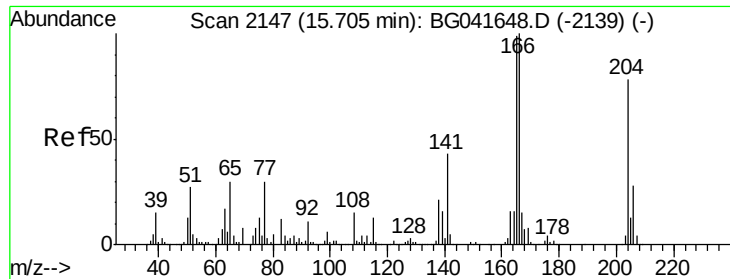
#60
 Diethylphthalate
 Concen: 31.947 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion:	149	Resp:	742814
Ion	Ratio	Lower	Upper
149	100		
177	24.8	20.7	31.1
150	13.9	11.5	17.3



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

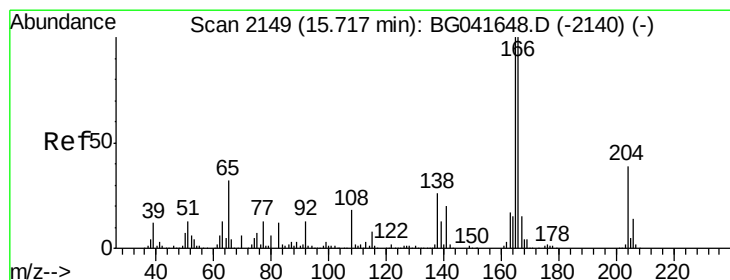
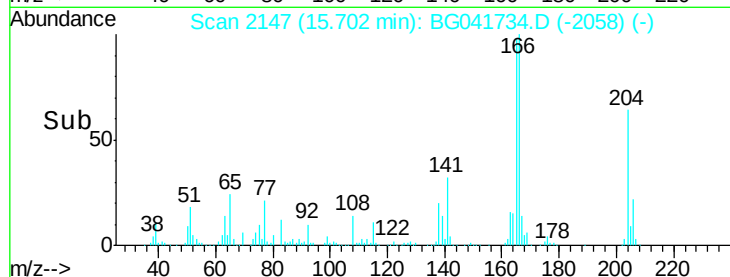
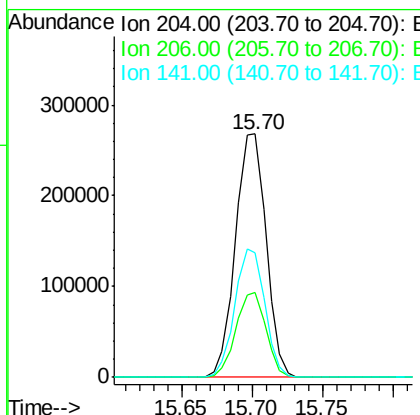
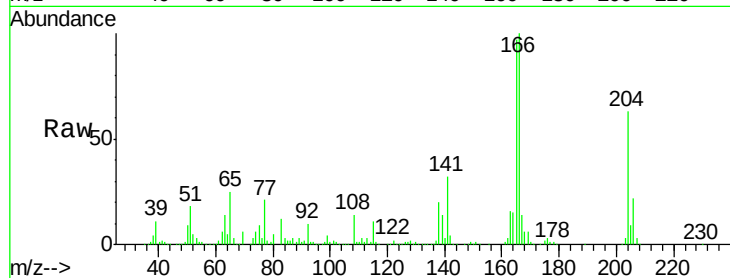




#61
 4-Chlorophenyl-phenylether
 Concen: 32.606 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

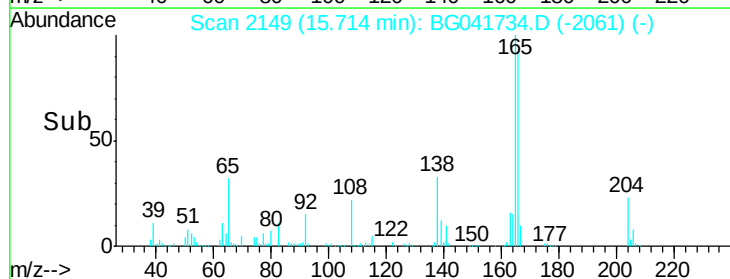
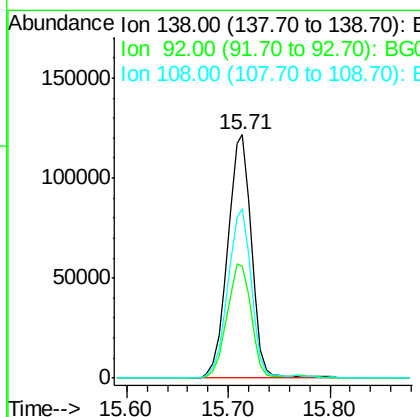
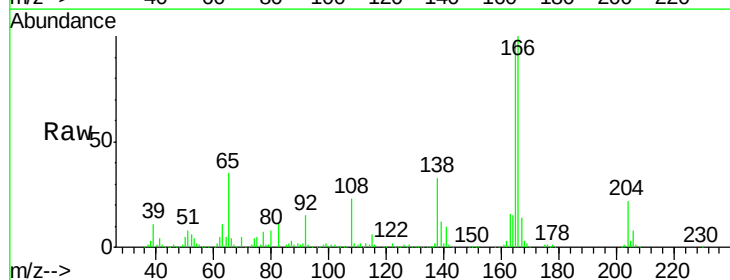
Instrument :
 BNA_G
 ClientSampleId :

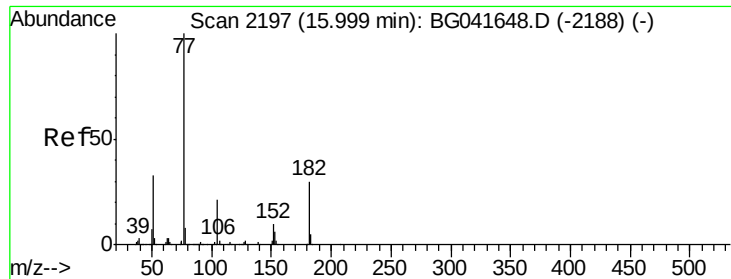
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.6	42.8
141	51.0	42.9	64.3



#62
 4-Nitroaniline
 Concen: 34.807 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	29.8	69.8
108	69.3	52.2	92.2

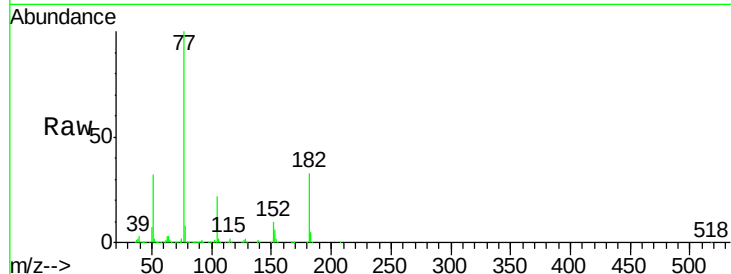




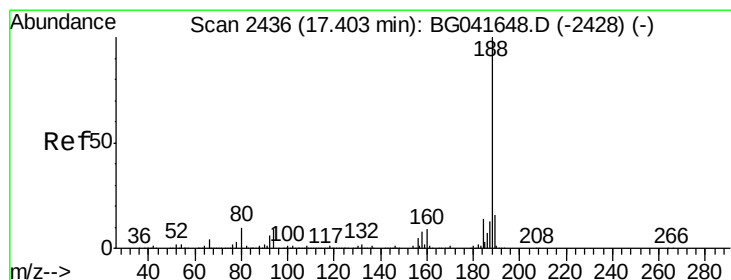
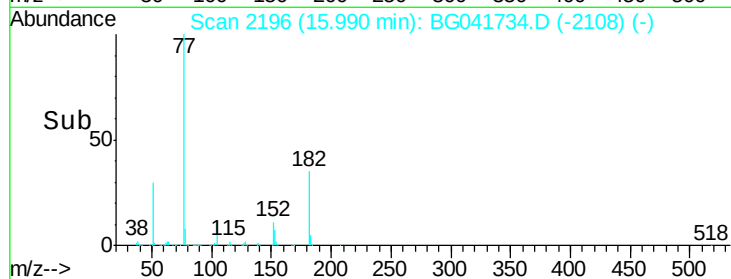
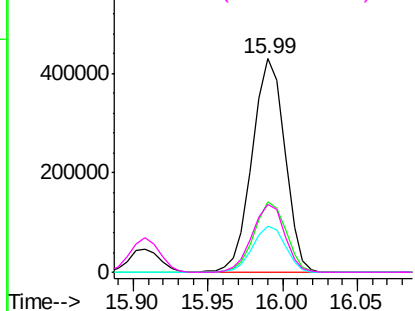
#63
Azobenzene
Concen: 30.860 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	648720
Ion	Ratio	Lower	Upper
77	100		
182	33.1	13.2	53.2
105	21.5	2.2	42.2
51	31.6	14.6	54.6

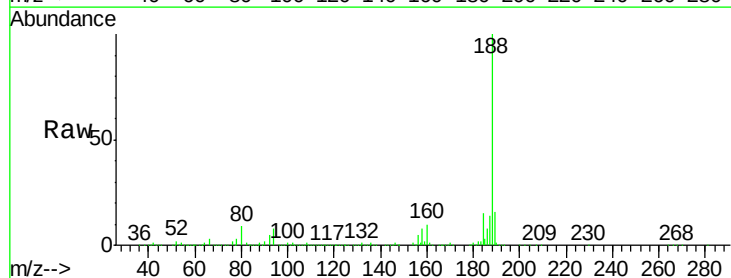


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

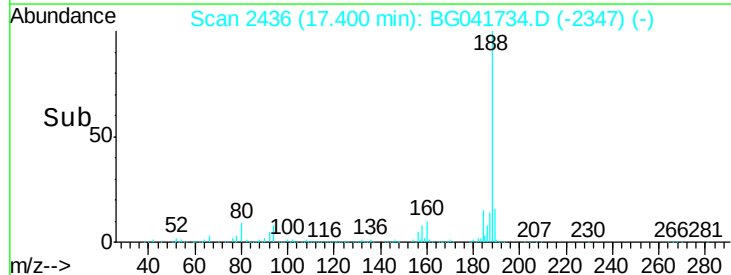
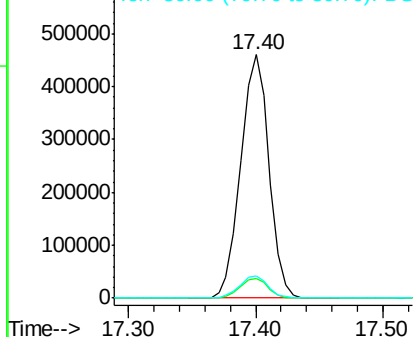


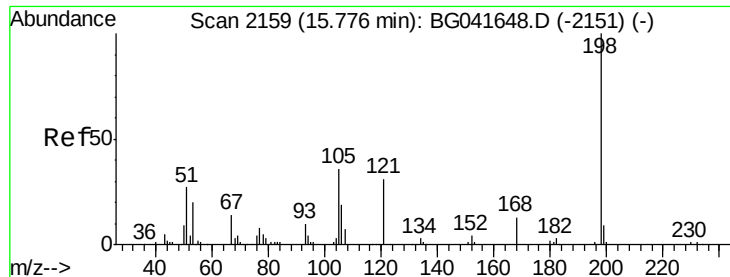
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:	188	Resp:	709284
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.0	8.0	12.0



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: 32.165 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

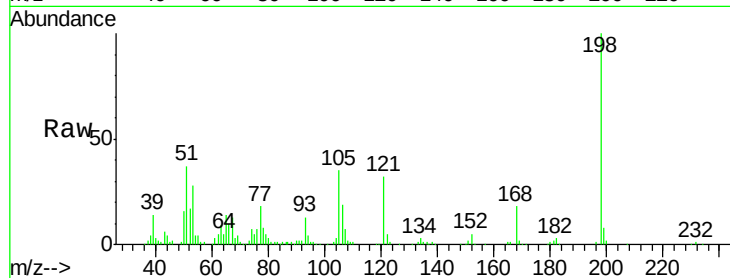
Tot Ion:198 Resp: 99692

Ion Ratio Lower Upper

198 100

51 36.6 22.3 62.3

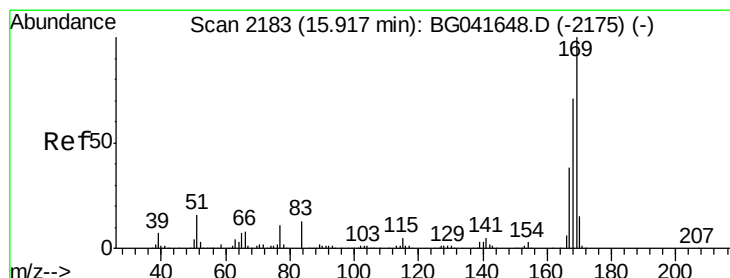
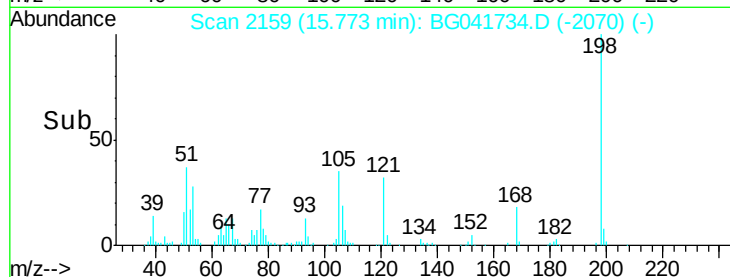
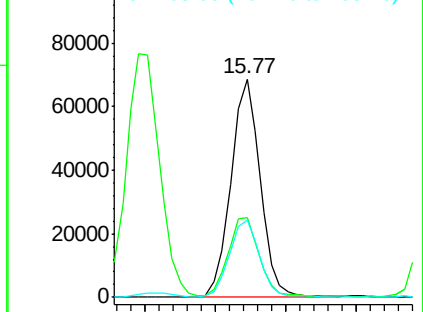
105 35.5 18.0 58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.834 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

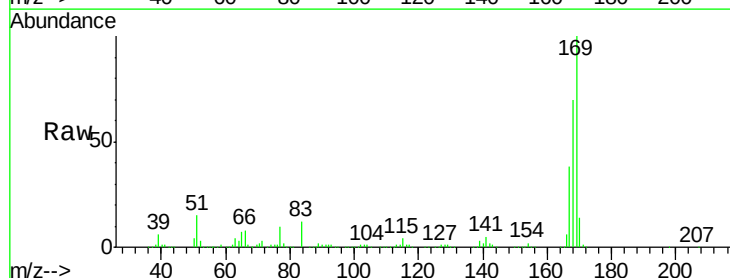
Tgt Ion:169 Resp: 683912

Ion Ratio Lower Upper

169 100

168 69.5 56.9 85.3

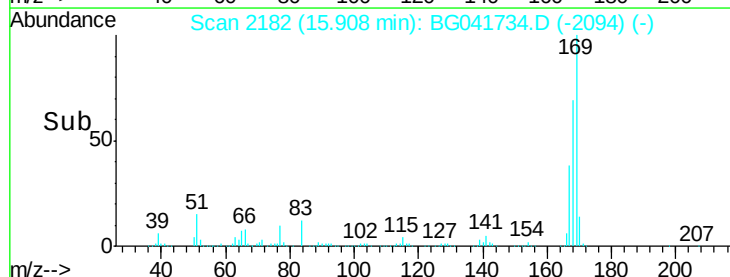
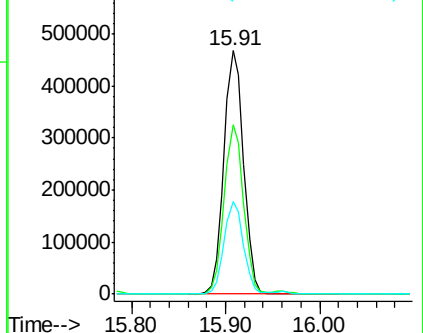
167 38.3 31.5 47.3

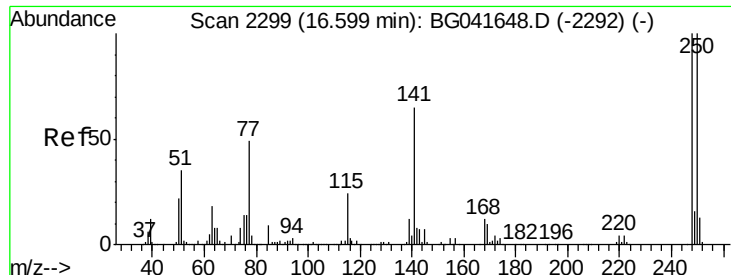


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

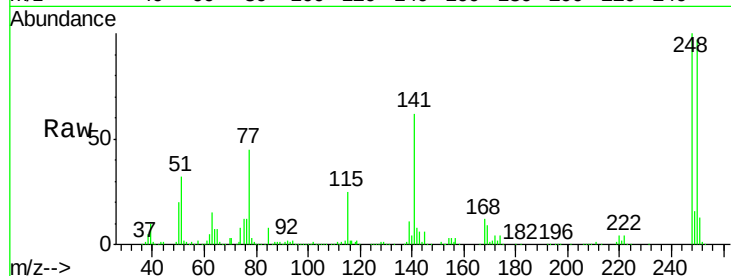




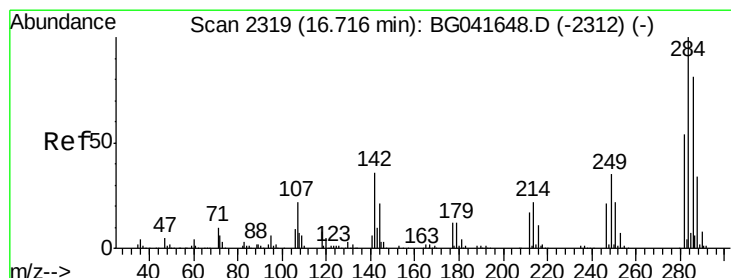
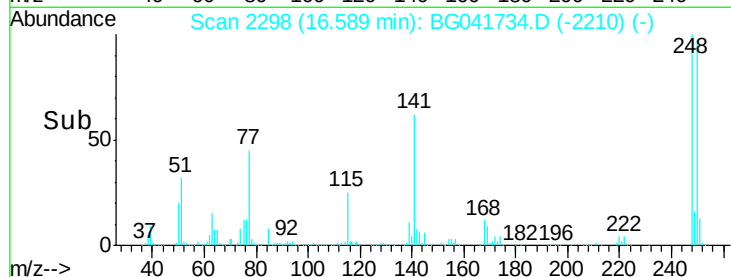
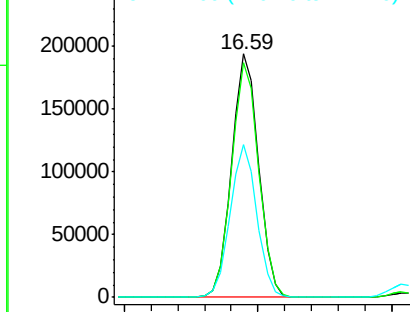
#67
4-Bromophenyl-phenylether
Concen: 32.318 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 272751
Ion Ratio Lower Upper
248 100
250 96.5 78.1 117.1
141 62.5 49.6 74.4

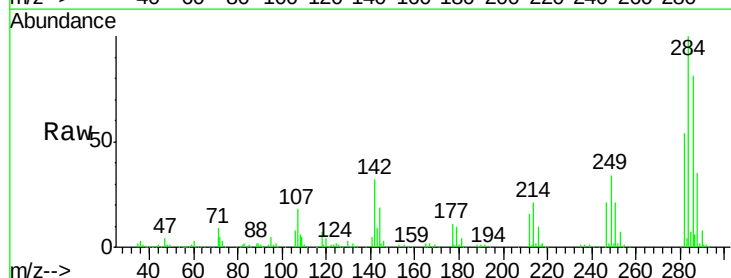


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

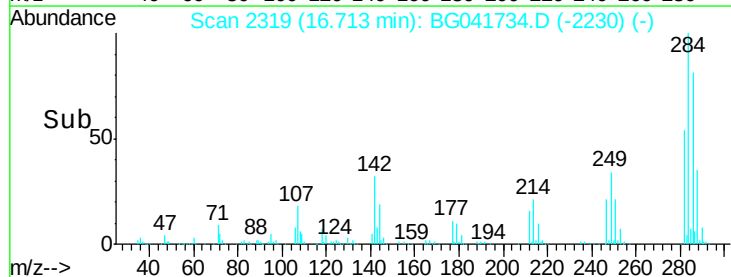
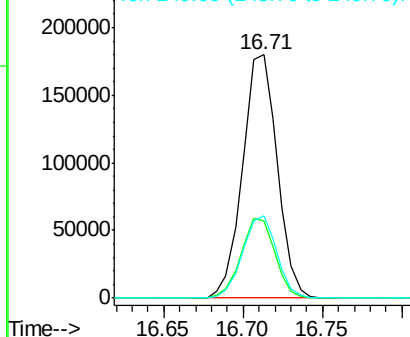


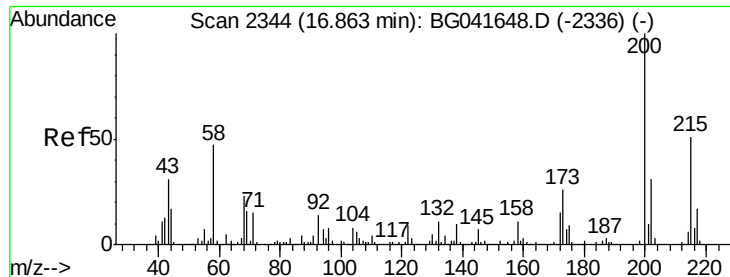
#68
Hexachlorobenzene
Concen: 32.080 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:284 Resp: 272637
Ion Ratio Lower Upper
284 100
142 31.8 27.0 40.6
249 33.7 28.4 42.6



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: 35.967 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

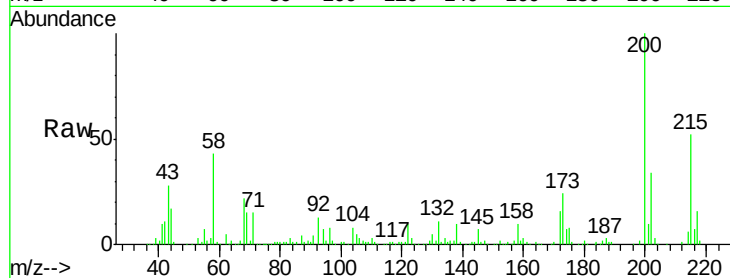
Tot Ion:200 Resp: 271868

Ion Ratio Lower Upper

200 100

173 24.3 5.3 45.3

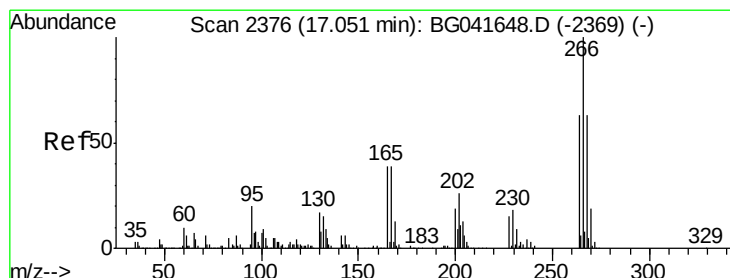
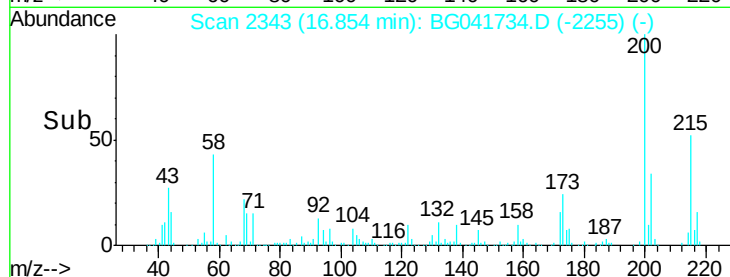
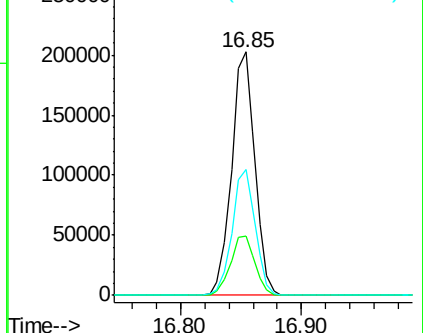
215 51.5 31.8 71.8



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: 64.959 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

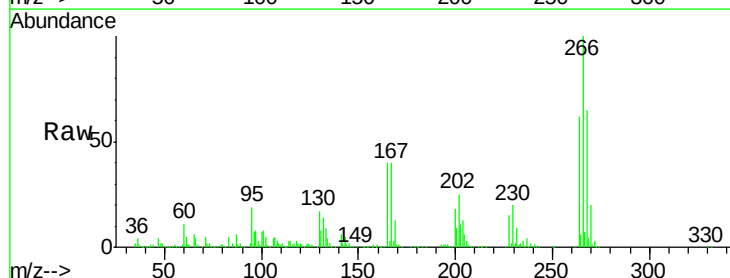
Tgt Ion:266 Resp: 345181

Ion Ratio Lower Upper

266 100

268 64.7 52.9 79.3

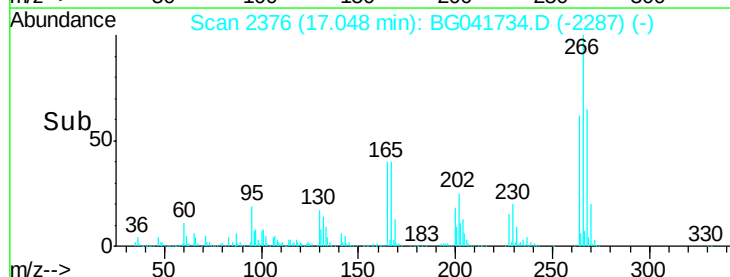
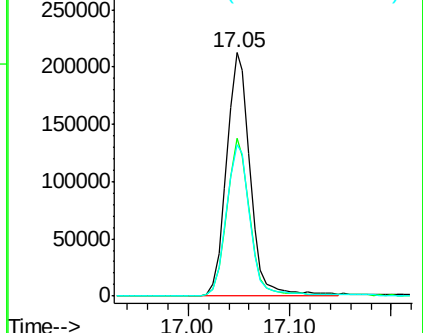
264 62.0 51.4 77.2

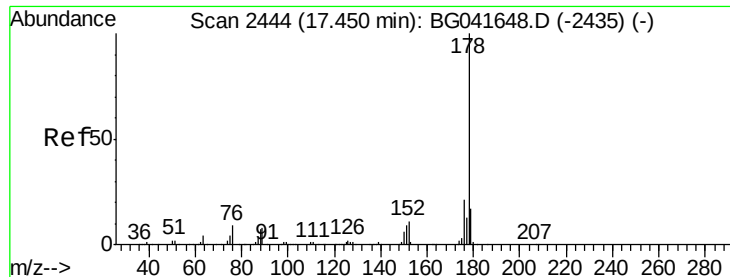


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

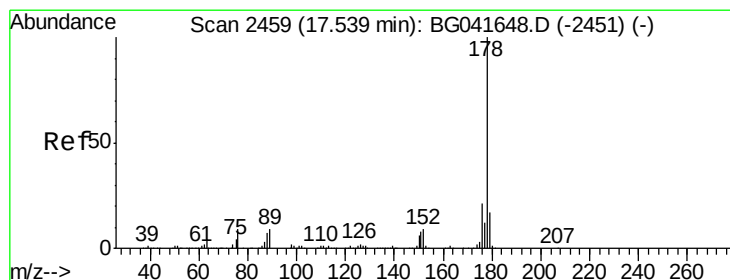
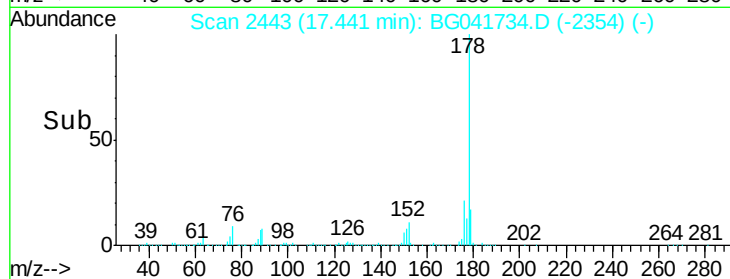
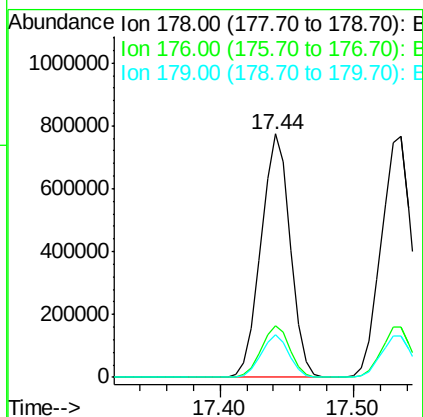
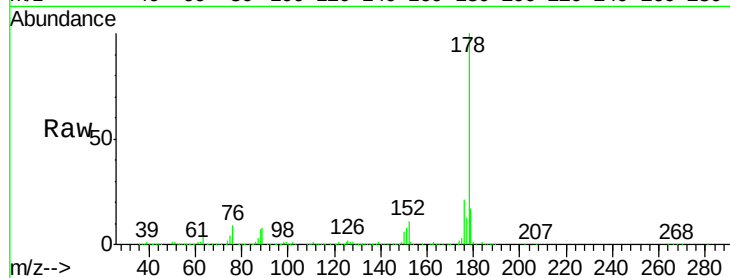




#71
Phenanthrene
Concen: 32.795 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

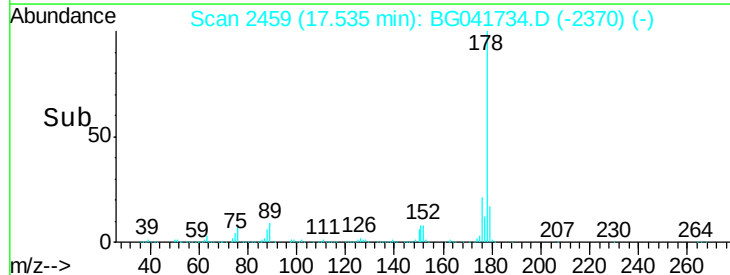
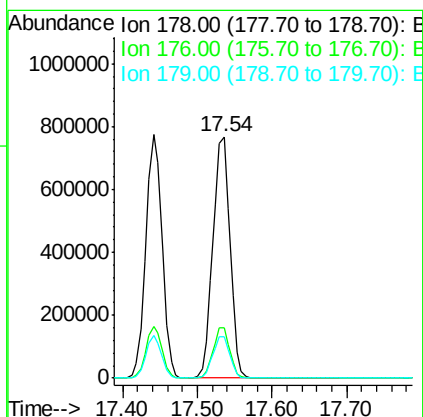
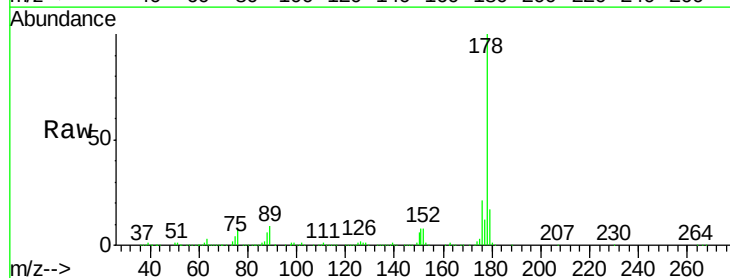
Instrument :
BNA_G
ClientSampleId :

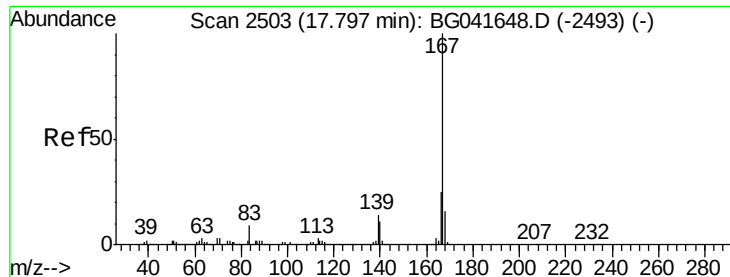
Tot Ion:178 Resp: 1171419
Ion Ratio Lower Upper
178 100
176 21.0 18.6 28.0
179 17.4 15.4 23.0



#72
Anthracene
Concen: 34.159 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:178 Resp: 1216248
Ion Ratio Lower Upper
178 100
176 21.1 18.6 28.0
179 17.3 15.1 22.7

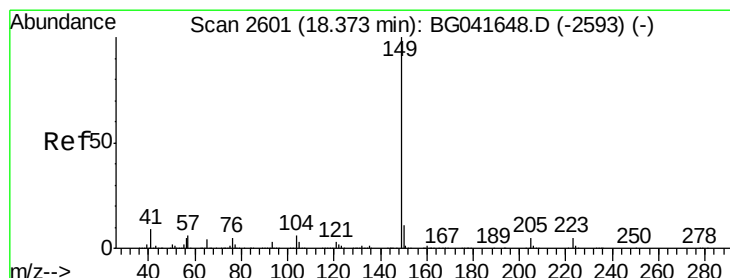
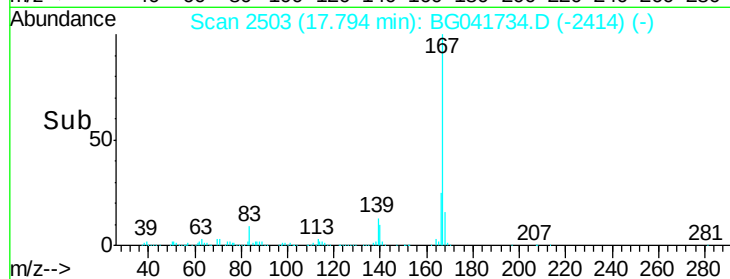
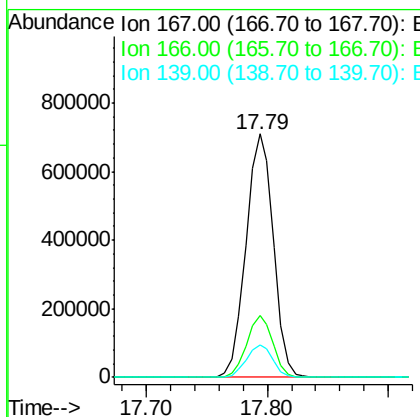
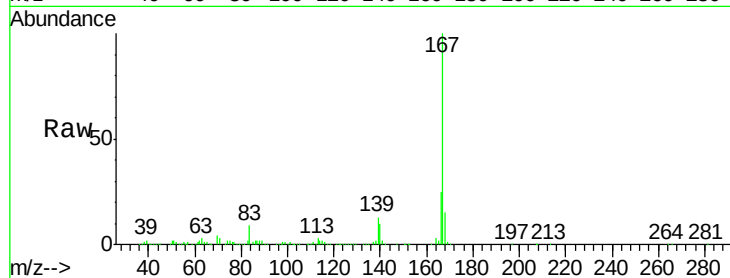




#73
 Carbazole
 Concen: 33.905 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

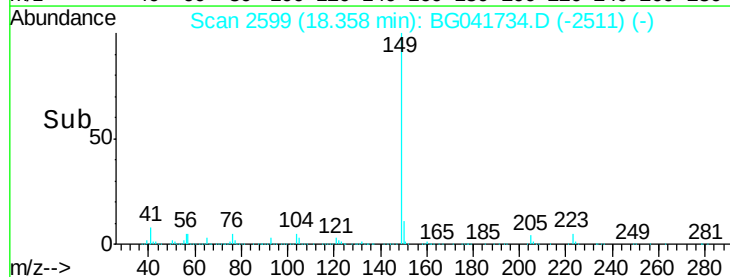
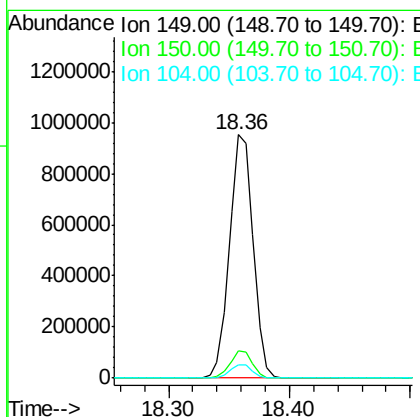
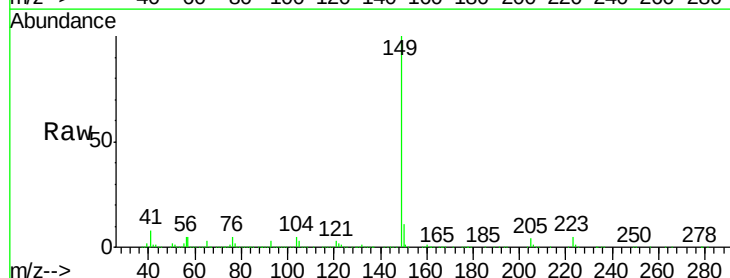
Instrument :
 BNA_G
 ClientSampleId :

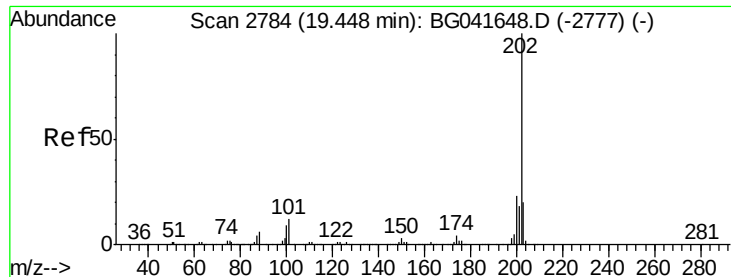
Tot Ion:167 Resp: 1119585
 Ion Ratio Lower Upper
 167 100
 166 25.2 21.4 32.2
 139 13.2 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 32.154 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion:149 Resp: 1295008
 Ion Ratio Lower Upper
 149 100
 150 11.4 10.2 15.2
 104 5.4 5.3 7.9





#75

Fluoranthene

Concen: 33.519 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampled :

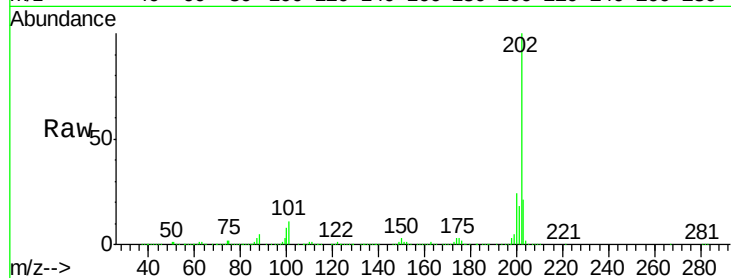
Tot Ion:202 Resp: 1470166

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.8

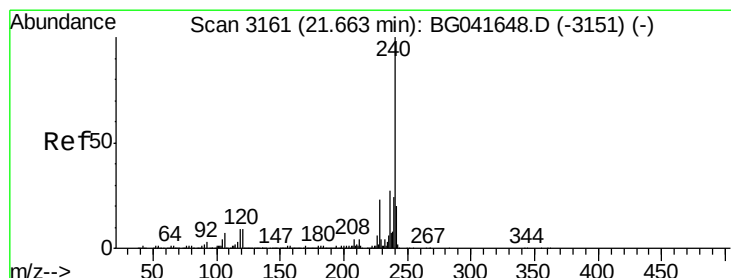
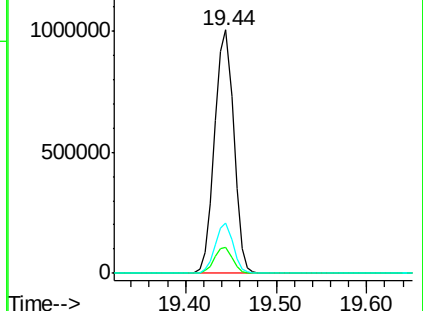
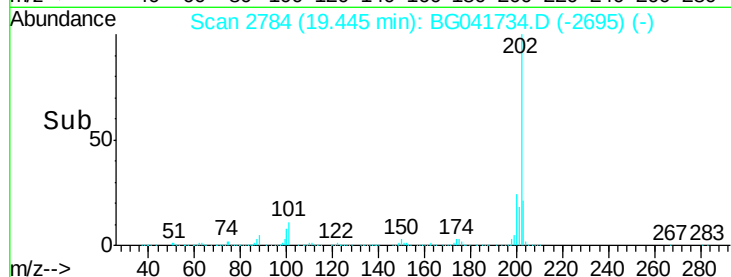
203 20.6 3.7 43.7



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

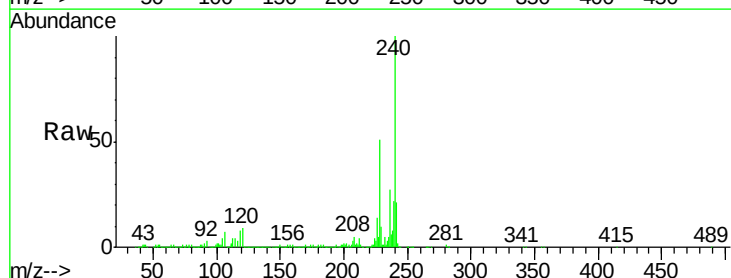
Tgt Ion:240 Resp: 706681

Ion Ratio Lower Upper

240 100

120 8.9 8.0 12.0

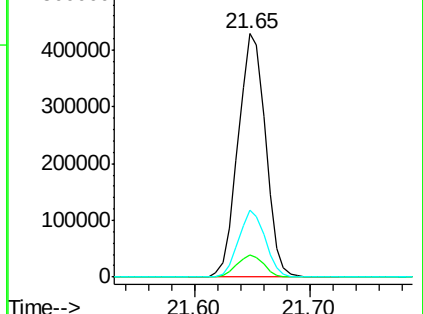
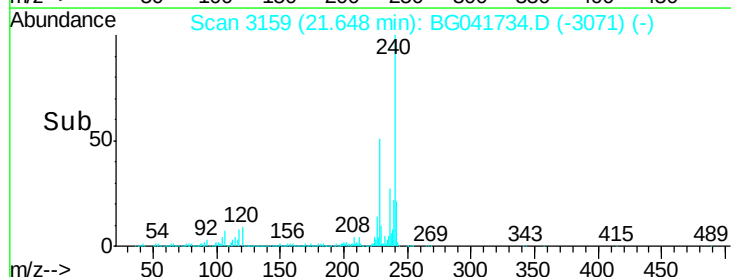
236 27.4 22.6 33.8

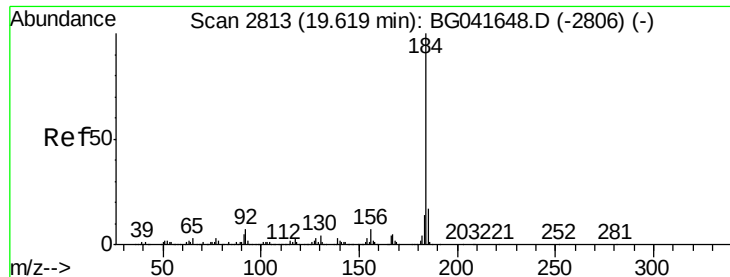


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.076 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

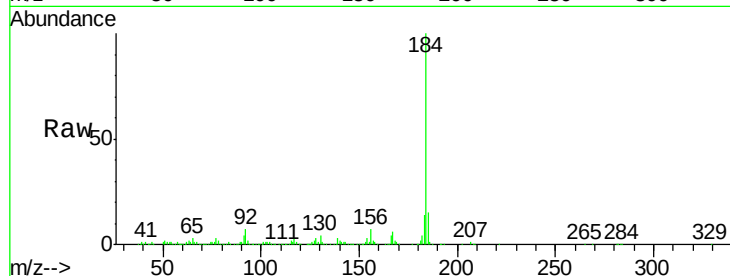
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 549871

Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.4
183	13.8	11.8	17.6

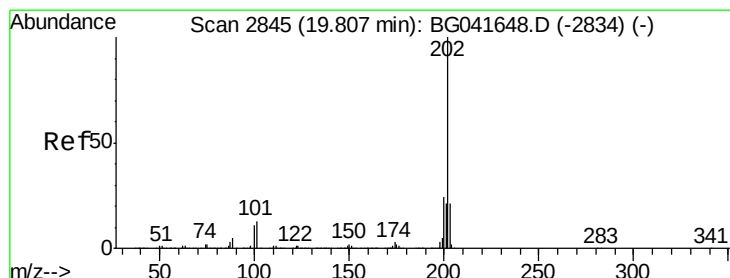
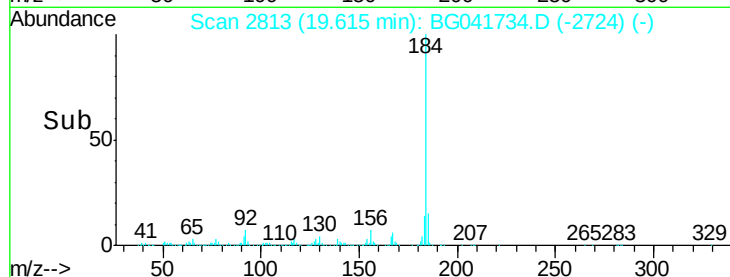
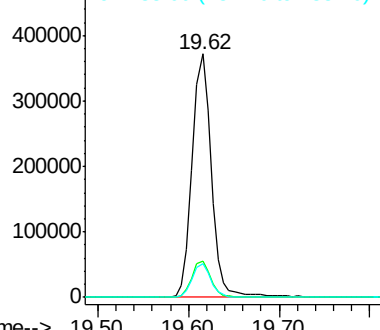


Abundance

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: 30.812 ng

RT: 19.80 min Scan# 2845

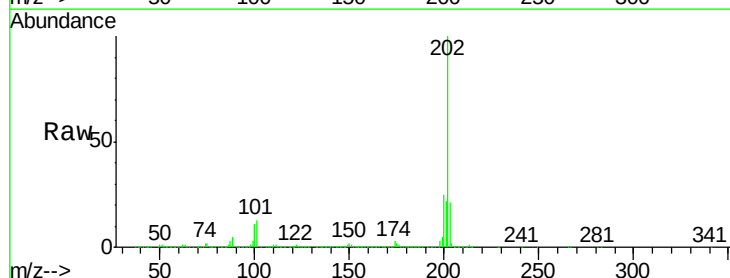
Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion:202 Resp: 1472671

Ion	Ratio	Lower	Upper
202	100		
200	24.7	22.2	33.2
203	20.6	18.9	28.3

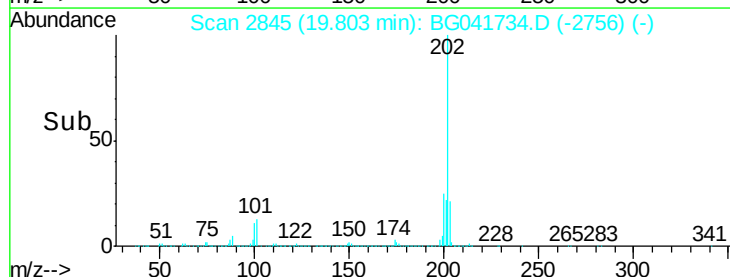
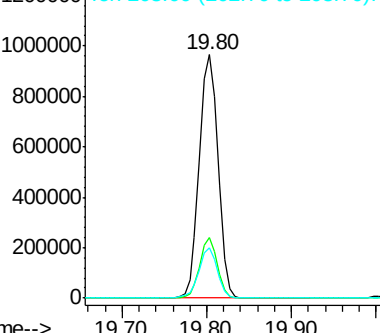


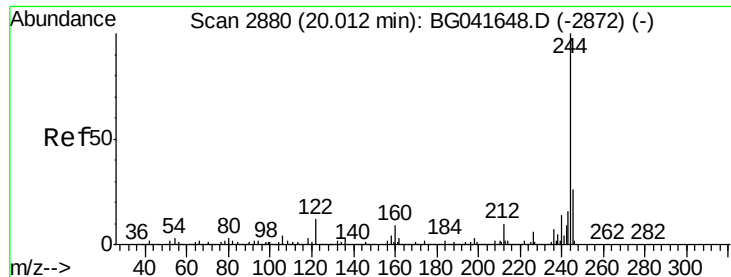
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.478 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

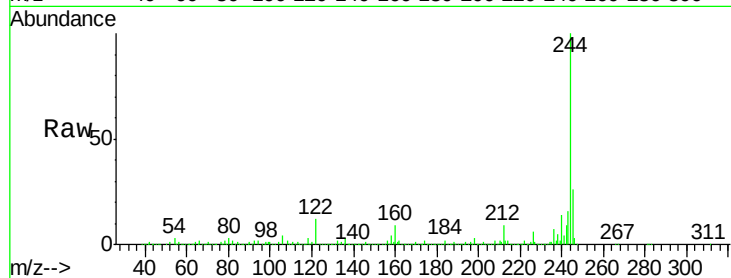
Tot Ion:244 Resp: 1919588

Ion Ratio Lower Upper

244 100

212 9.4 9.7 14.5#

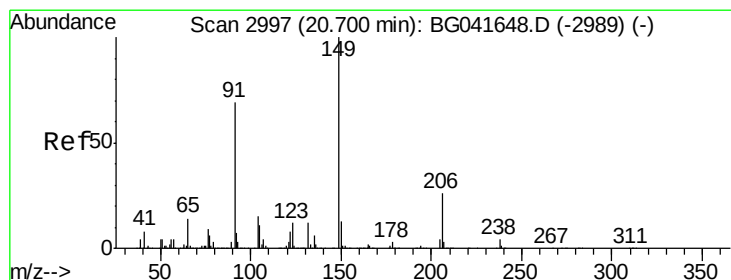
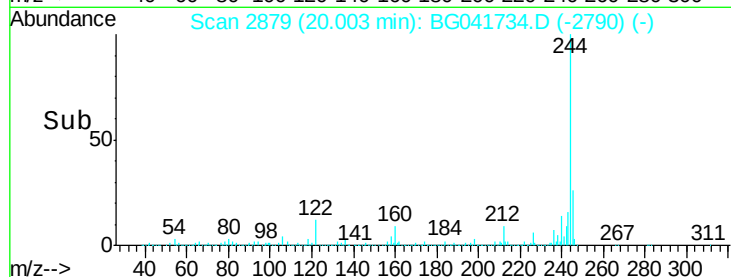
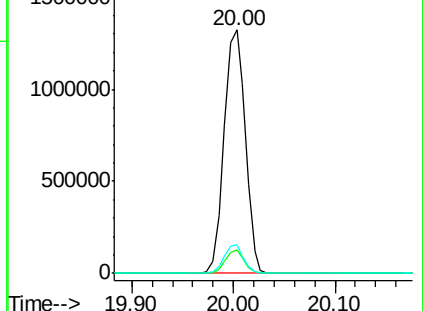
122 11.5 12.5 18.7#



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: 31.360 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

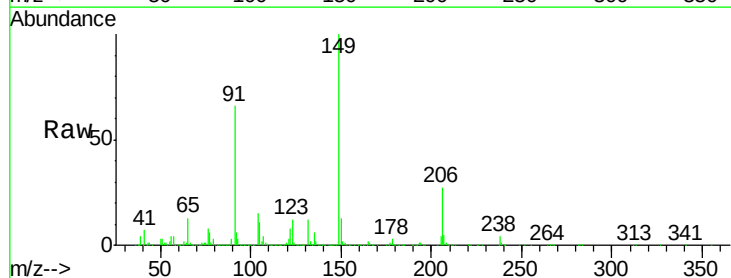
Tgt Ion:149 Resp: 622829

Ion Ratio Lower Upper

149 100

91 66.5 58.9 88.3

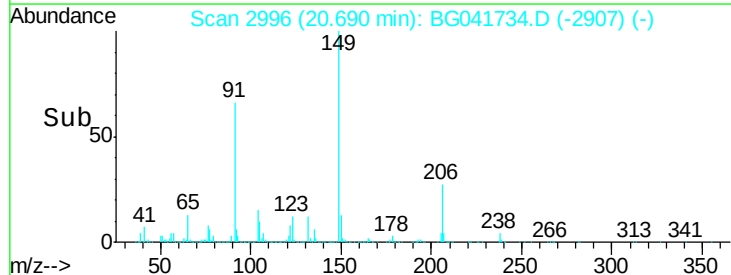
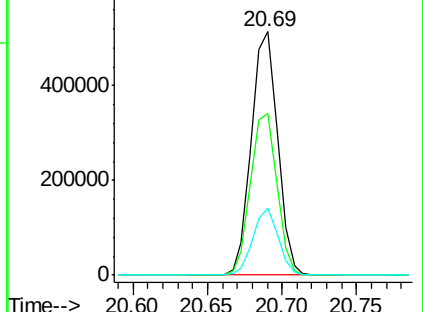
206 27.4 20.8 31.2

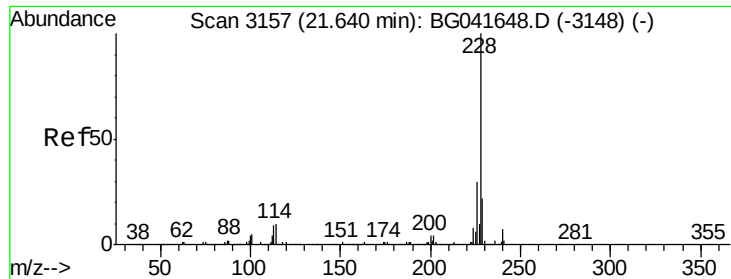


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

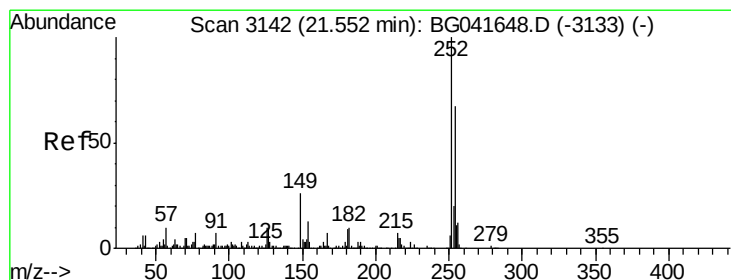
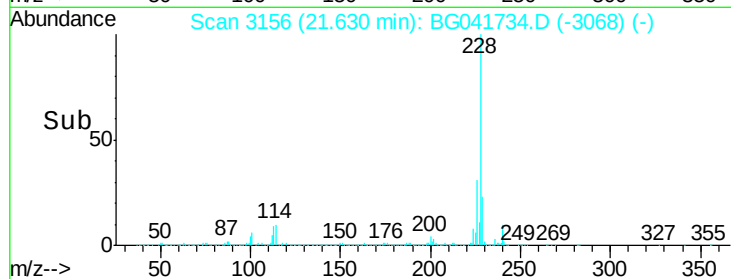
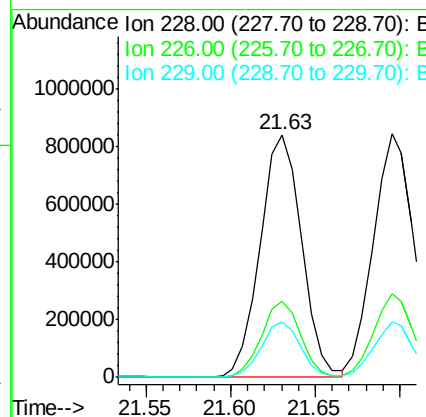
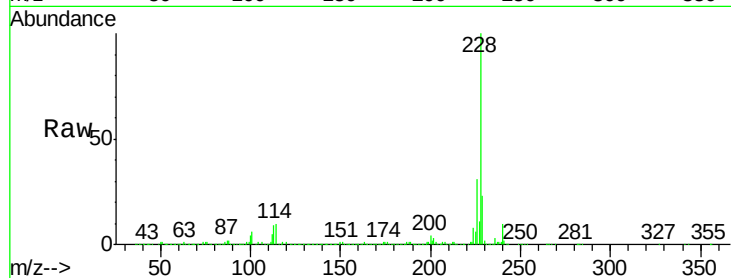




#81
Benzo(a)anthracene
Concen: 31.409 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

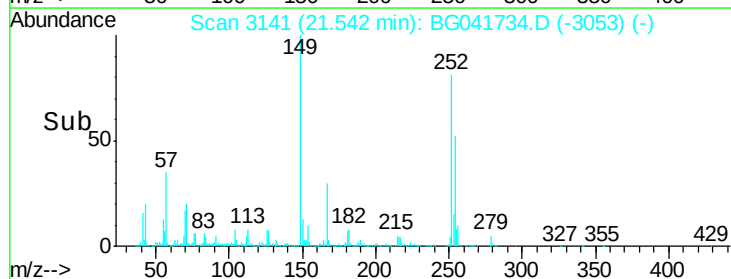
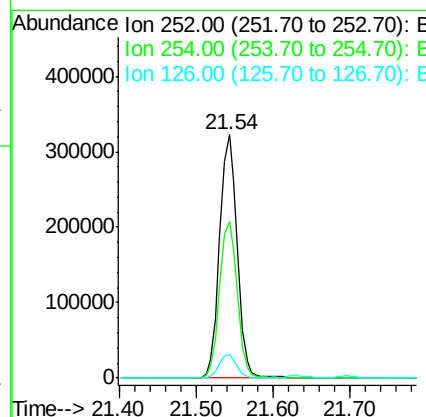
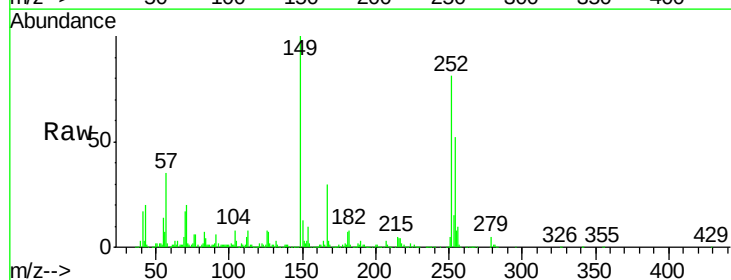
Instrument :
BNA_G
ClientSampled :

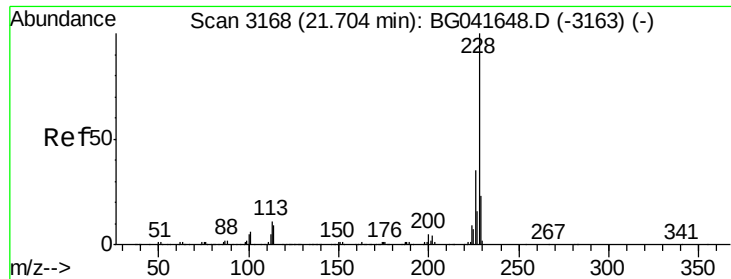
Tot Ion:228 Resp: 1434116
Ion Ratio Lower Upper
228 100
226 31.2 27.3 40.9
229 23.1 19.7 29.5



#82
3,3'-Dichlorobenzidine
Concen: 28.163 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:252 Resp: 506007
Ion Ratio Lower Upper
252 100
254 64.5 53.8 80.6
126 9.8 7.8 11.8





#83

Chrysene

Concen: 31.873 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

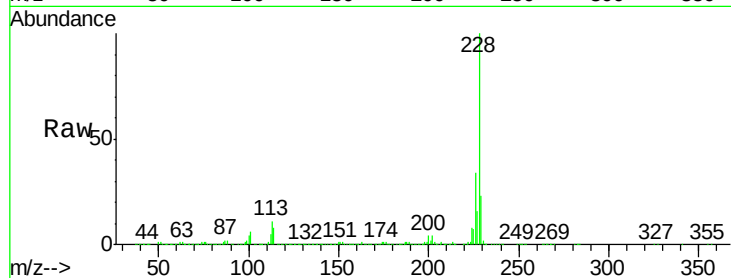
Tot Ion:228 Resp: 1390604

Ion Ratio Lower Upper

228 100

226 34.5 30.1 45.1

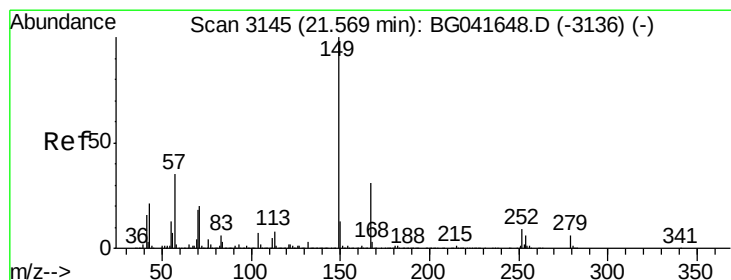
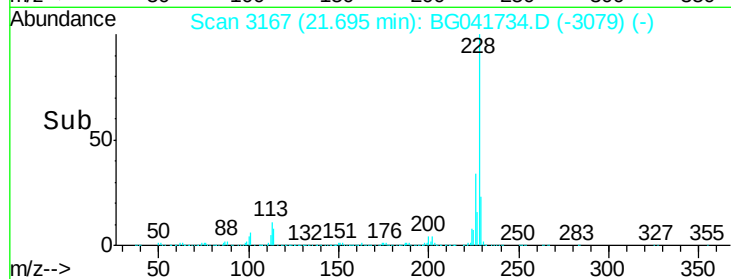
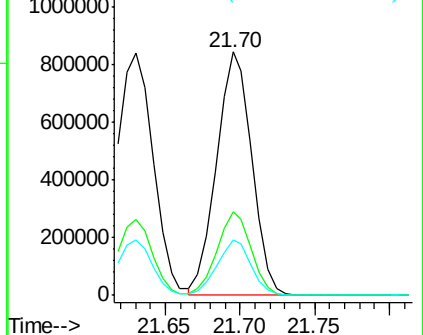
229 22.8 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.844 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

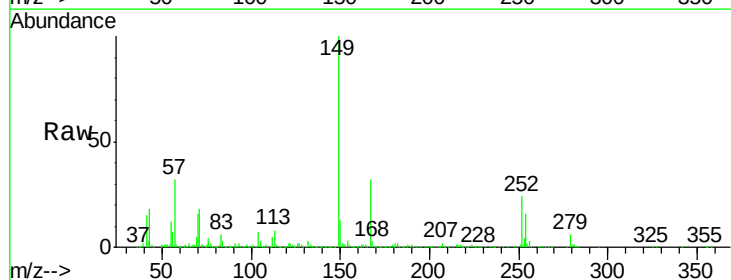
Tgt Ion:149 Resp: 864929

Ion Ratio Lower Upper

149 100

167 31.9 27.0 40.4

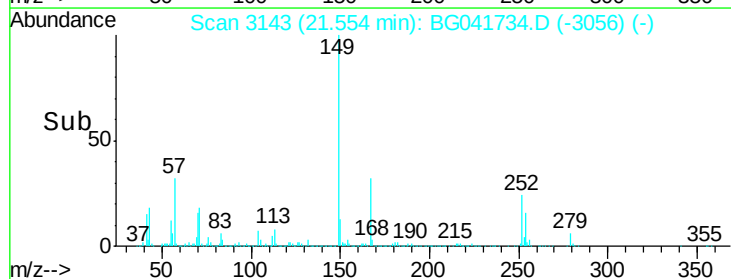
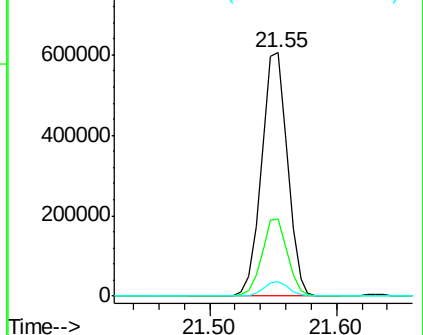
279 6.0 5.0 7.6

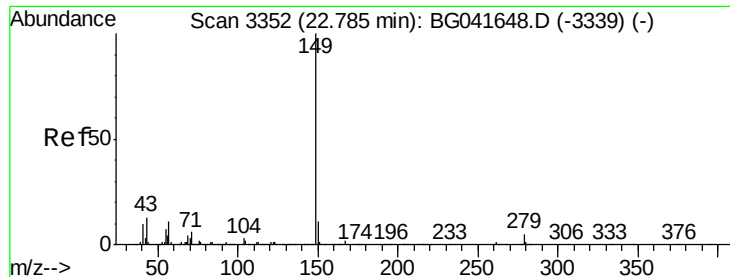


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 31.672 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.03 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

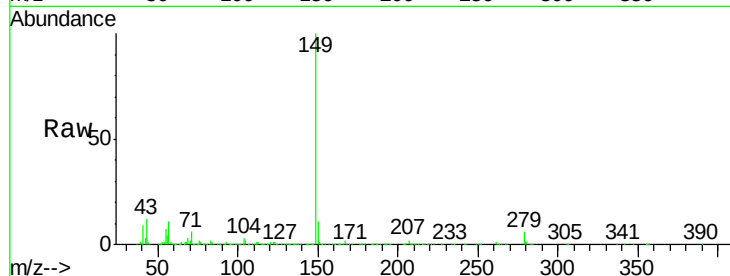
Tot Ion:149 Resp: 1512482

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

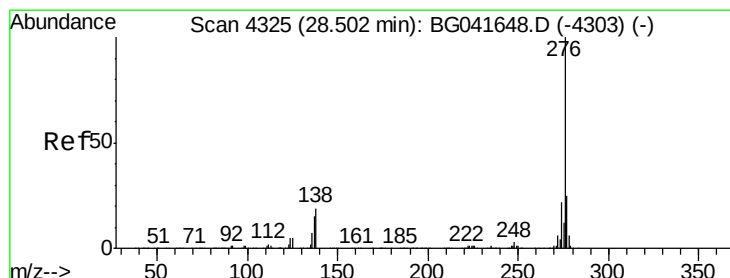
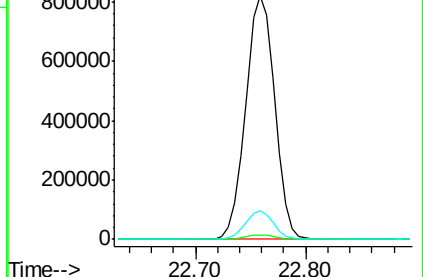
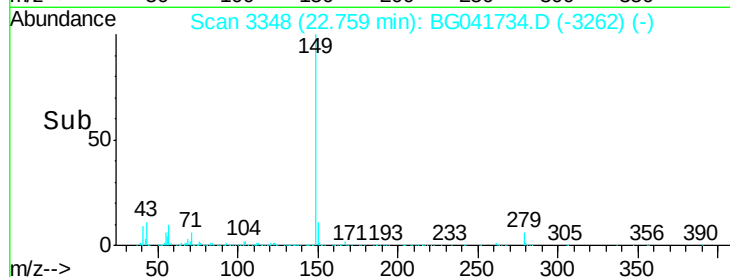
43 11.1 10.6 16.0



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: 31.365 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.04 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

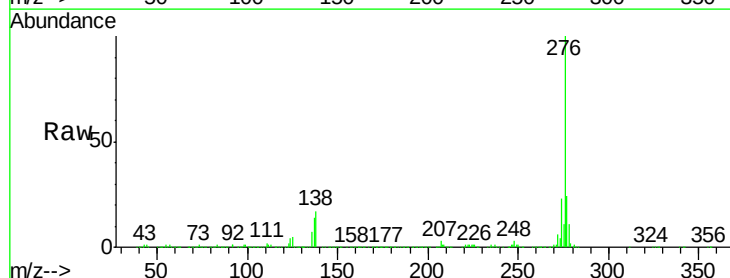
Tgt Ion:276 Resp: 1805587

Ion Ratio Lower Upper

276 100

138 22.6 19.4 29.0

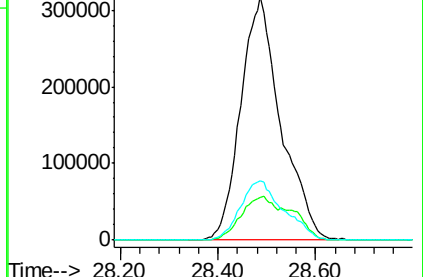
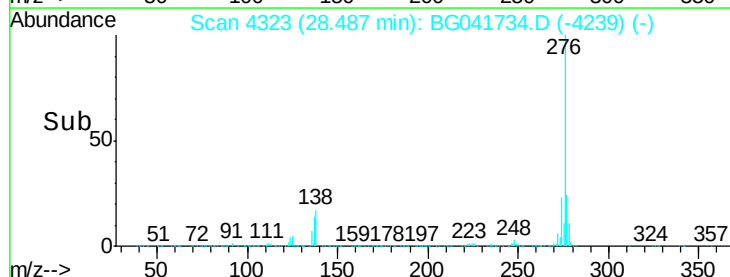
277 26.3 21.2 31.8

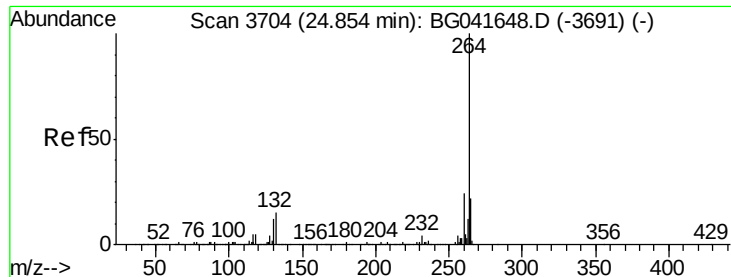


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.03 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

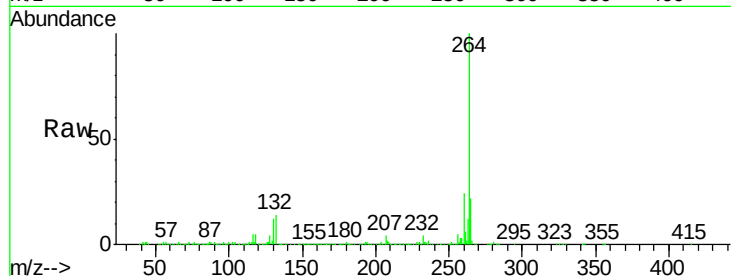
Tot Ion:264 Resp: 814501

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

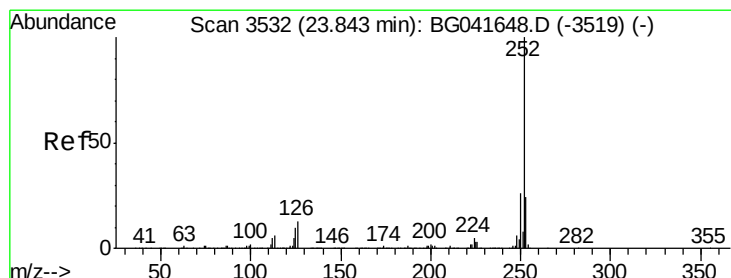
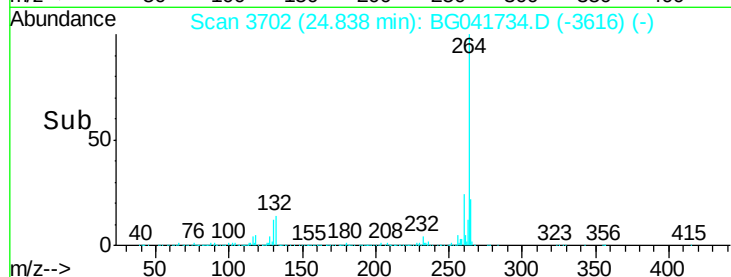
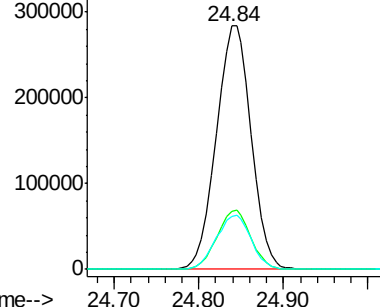
265 21.9 18.0 27.0



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: 31.458 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

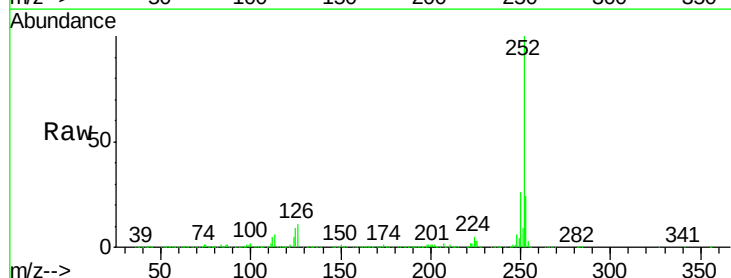
Tgt Ion:252 Resp: 1554191

Ion Ratio Lower Upper

252 100

253 24.1 20.6 30.8

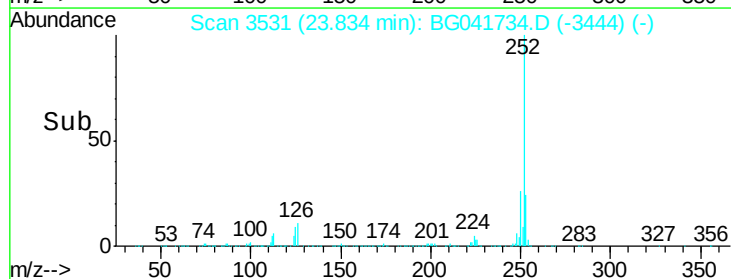
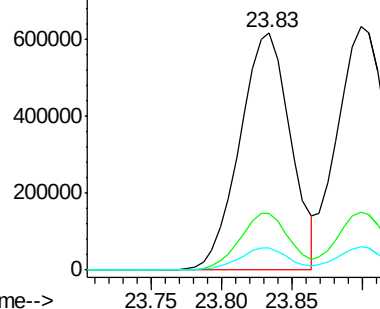
125 9.1 8.0 12.0

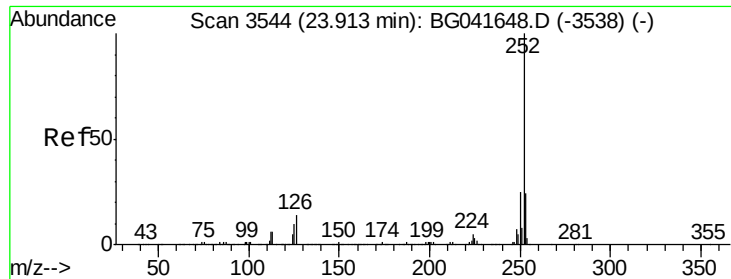


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

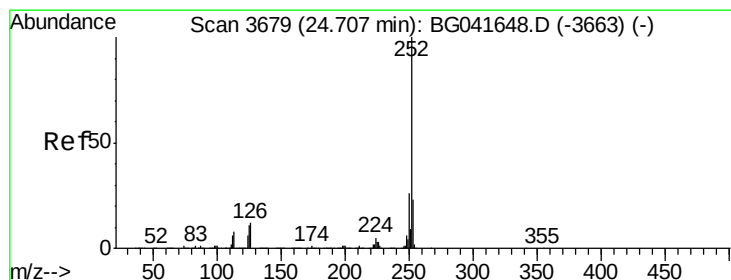
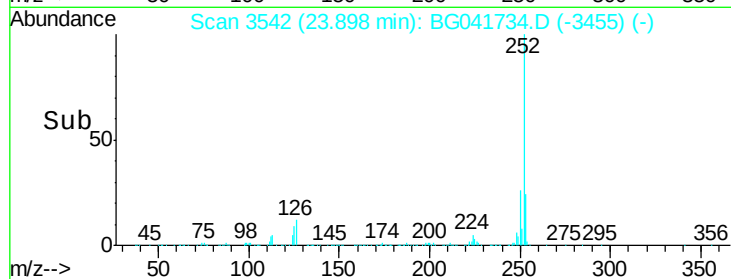
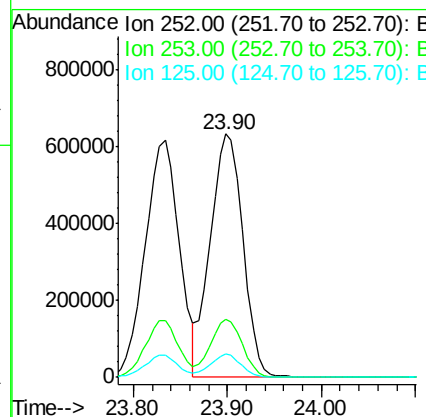
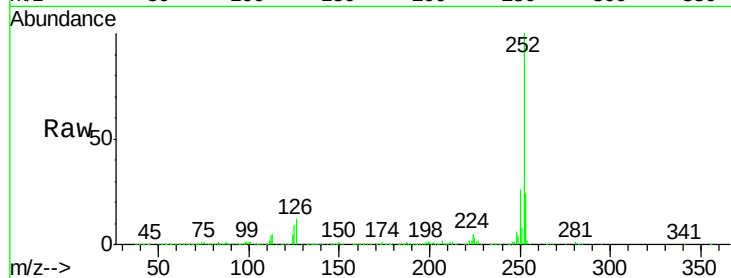




#89
Benzo(k)fluoranthene
Concen: 33.555 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.02 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

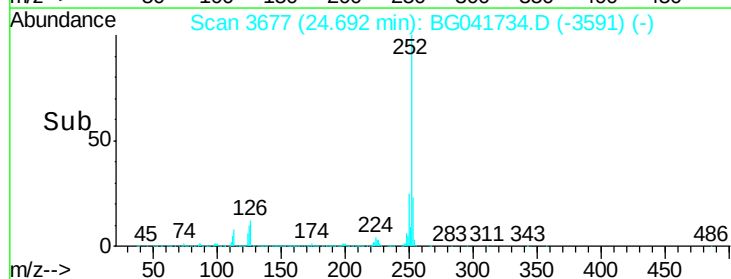
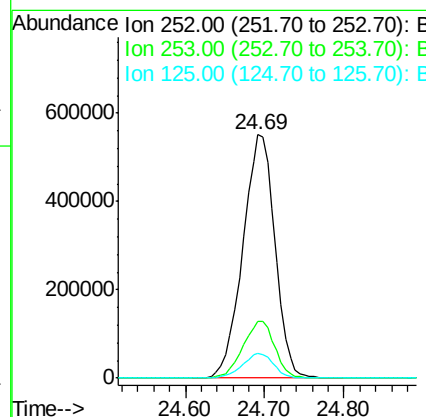
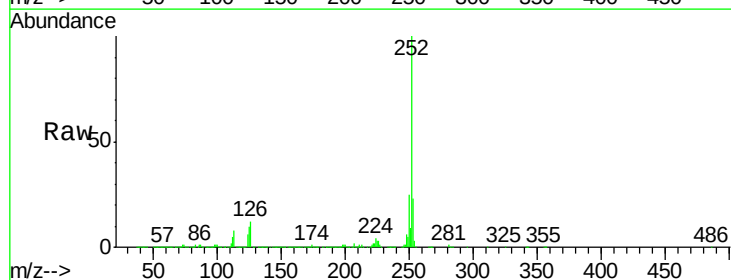
Instrument :
BNA_G
ClientSampleId :

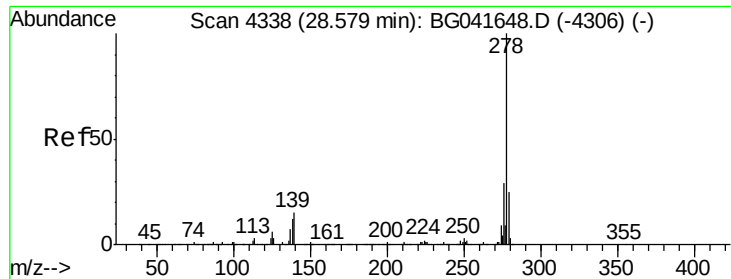
Tot Ion:252 Resp: 1536154
Ion Ratio Lower Upper
252 100
253 24.0 20.5 30.7
125 9.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 33.005 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:252 Resp: 1542790
Ion Ratio Lower Upper
252 100
253 23.5 19.8 29.8
125 10.0 8.8 13.2



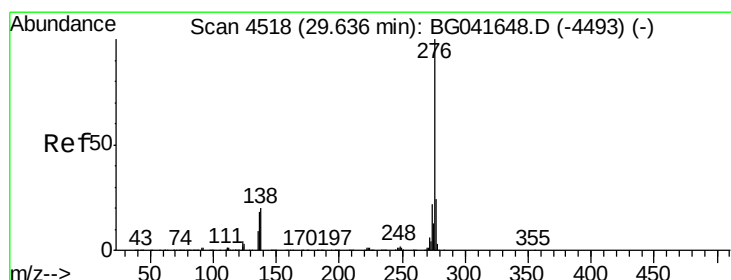
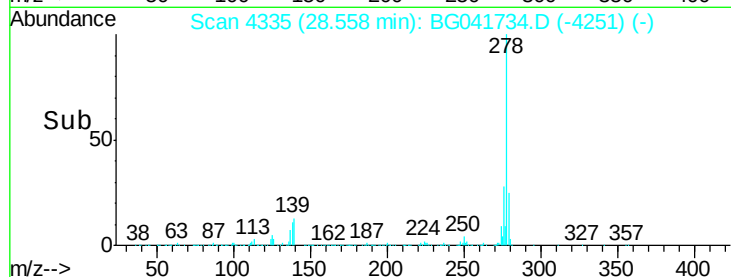
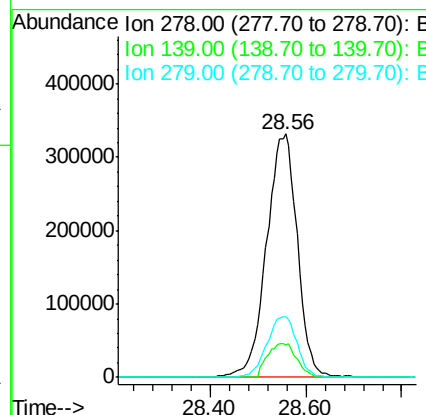
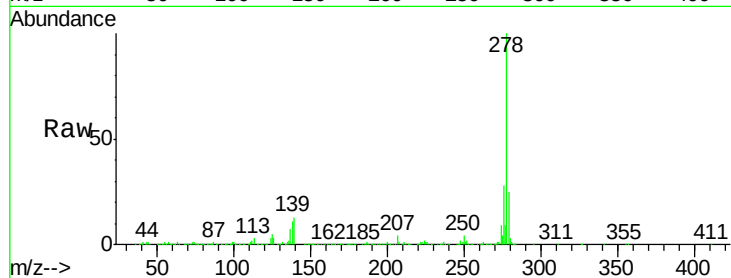


#91
Dibenzo(a,h)anthracene
Concen: 32.560 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.04 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1475700

Ion	Ratio	Lower	Upper
278	100		
139	13.3	12.6	19.0
279	24.9	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 32.635 ng
RT: 29.62 min Scan# 4515
Delta R.T. -0.05 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:276 Resp: 1482249

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	19.1	16.6	25.0

