

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041228.D
 Acq On : 13 Jun 2019 18:15
 Operator : HP/JU
 Sample : K3309-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 08:47:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	42065	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	160074	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	116957	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	282824	20.00	ng	0.00
76) Chrysene-d12	21.76	240	292246	20.00	ng	0.00
87) Perylene-d12	25.08	264	287981	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	127550	54.68	ng	0.00
7) Phenol-d6	7.26	99	161279	44.77	ng	0.00
23) Nitrobenzene-d5	9.28	82	320321	88.84	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	207276	119.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	707953	87.17	ng	0.00
79) Terphenyl-d14	20.08	244	1031553	74.91	ng	0.00

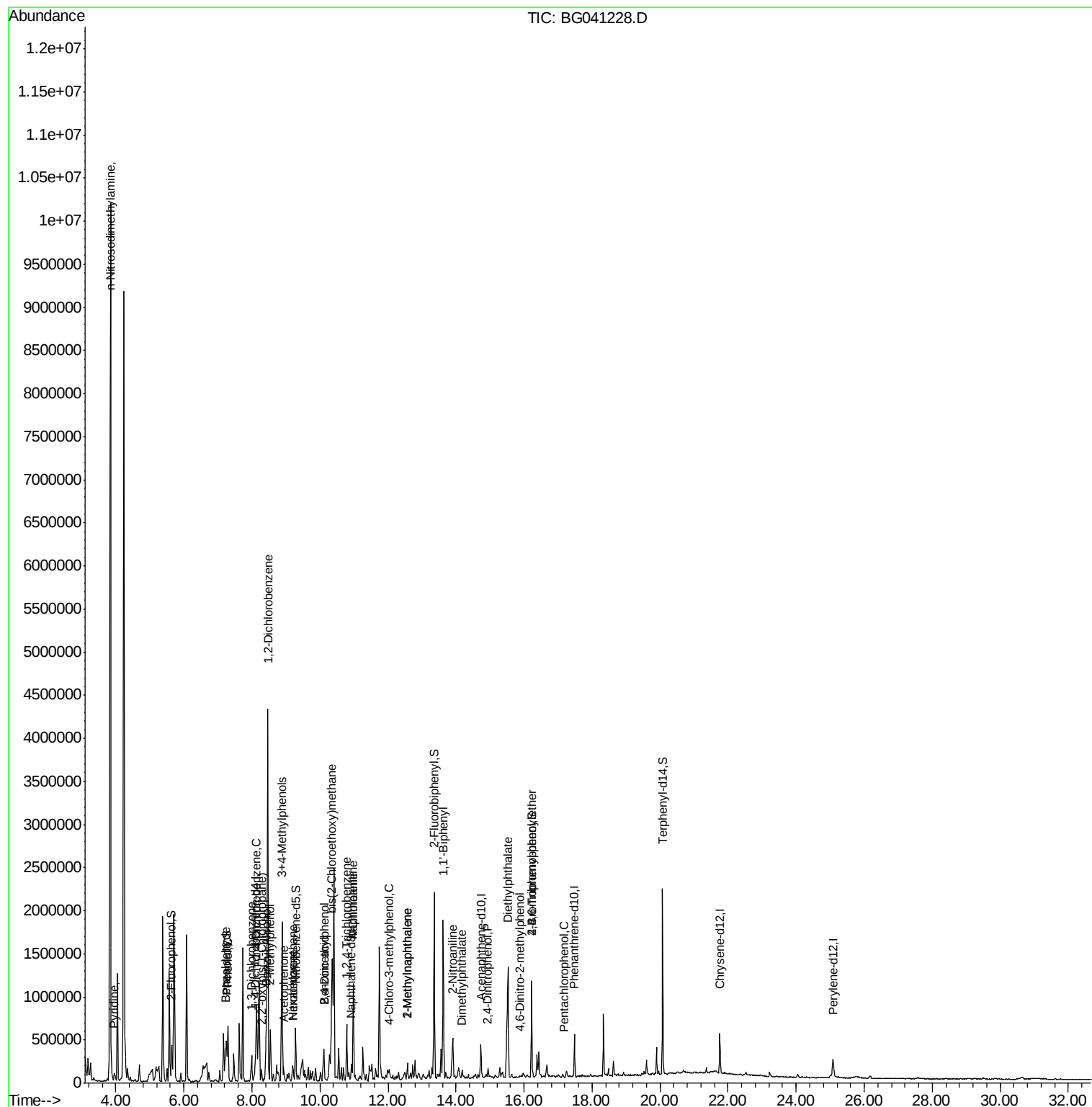
Target Compounds				Qvalue		
3) Pyridine	3.96	79	20580	6.570	ng	# 19
4) n-Nitrosodimethylamine	3.84	42	819421	563.670	ng	# 1
9) Benzaldehyde	7.23	77	17447	8.118	ng	# 1
10) Phenol	7.29	94	132546	34.313	ng	96
12) 1,3-Dichlorobenzene	7.99	146	110913	33.391	ng	98
13) 1,4-Dichlorobenzene	8.14	146	269417	80.130	ng	96
14) 1,2-Dichlorobenzene	8.47	146	1672959	512.458	ng	90
15) Benzyl Alcohol	8.41	79	14809	4.444	ng	# 66
16) 2,2'-oxybis(1-Chloropropan	8.28	45	11331	2.474	ng	79
17) 2-Methylphenol	8.54	107	164142	58.687	ng	98
18) Hexachloroethane	9.21	117	22605	17.444	ng	# 1
20) 3+4-Methylphenols	8.88	107	809806	209.024	ng	99
22) Acetophenone	8.94	105	84435	18.804	ng	99
24) Nitrobenzene	9.20	77	15899	4.327	ng	# 32
27) 2,4-Dimethylphenol	10.12	122	131801	52.681	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	35285	9.527	ng	# 1
30) 1,2,4-Trichlorobenzene	10.78	180	13545	3.748	ng	# 97
31) Naphthalene	10.98	128	861490	100.237	ng	98
32) Benzoic acid	10.12	122	131801	64.405	ng	# 19
33) 4-Chloroaniline	10.98	127	127168	31.890	ng	# 36
36) 4-Chloro-3-methylphenol	12.04	107	14192	3.911	ng	# 23
37) 2-Methylnaphthalene	12.57	142	82937	12.529	ng	98
38) 1-Methylnaphthalene	12.57	142	82937	13.296	ng	93
46) 1,1'-Biphenyl	13.63	154	64676	7.471	ng	81
48) 2-Nitroaniline	13.91	65	55569	20.841	ng	# 27
50) Dimethylphthalate	14.18	163	56319	5.689	ng	98
54) 2,4-Dinitrophenol	14.95	184	132	8.401	ng	# 1
60) Diethylphthalate	15.53	149	44555	4.410	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	2339	9.857	ng	# 51
67) 4-Bromophenyl-phenylether	16.22	248	15430	4.043	ng	# 1
70) Pentachlorophenol	17.19	266	70	4.286	ng	# 18

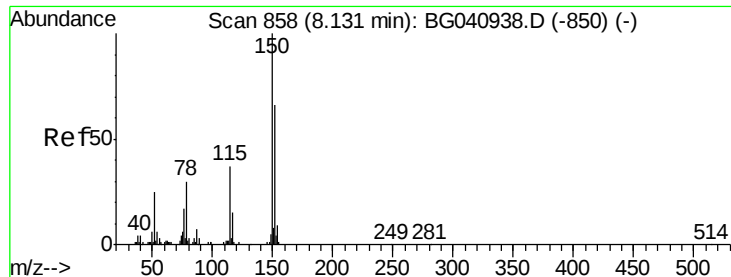
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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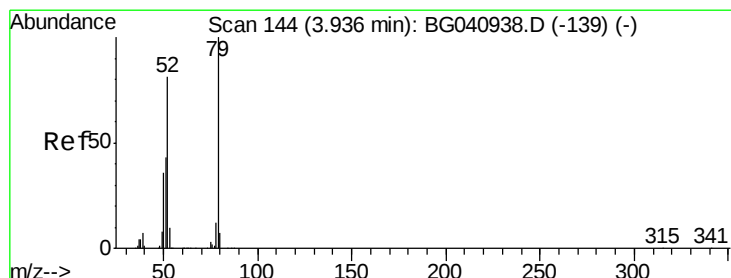
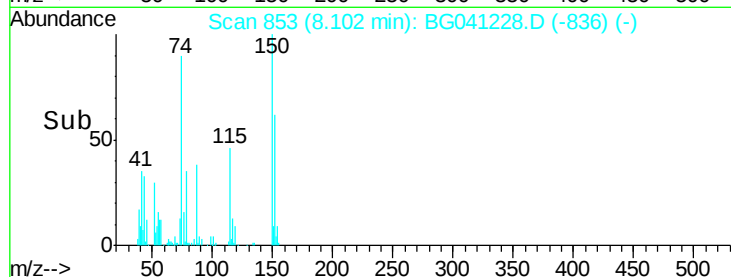
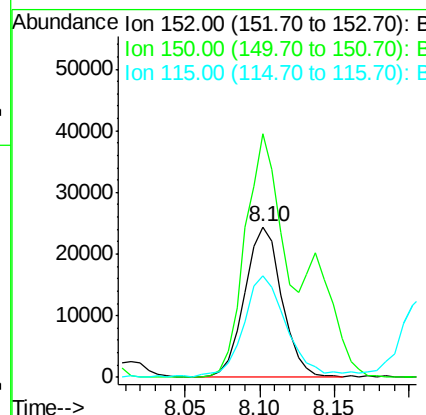
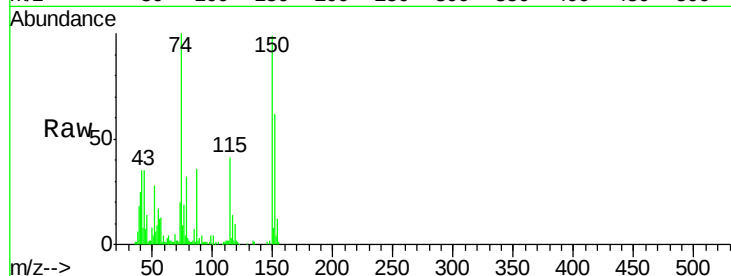


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :

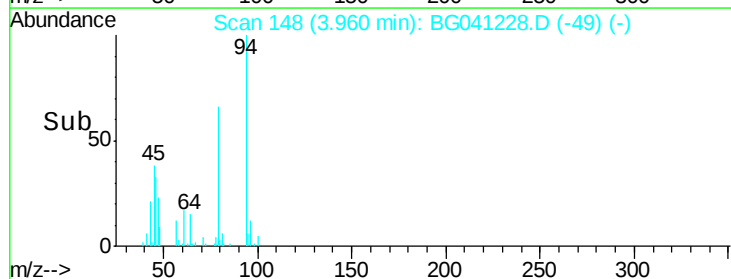
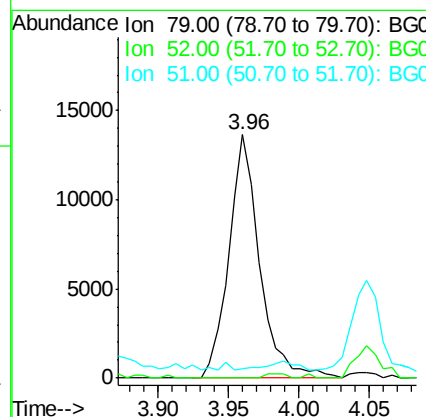
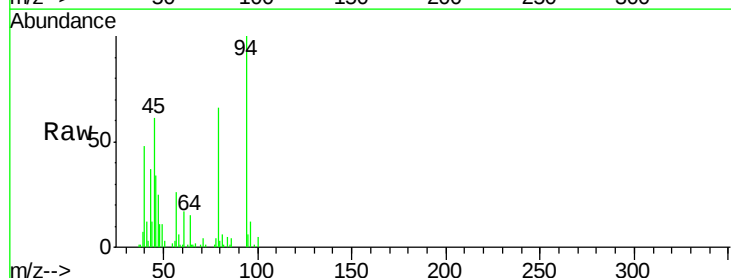
Tot Ion:152 Resp: 42065
Ion Ratio Lower Upper
152 100
150 161.6 120.6 180.8
115 67.3 45.1 67.7

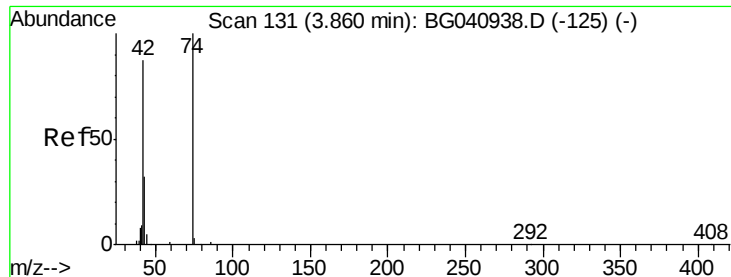


#3

Pyridine
Concen: 6.570 ng
RT: 3.96 min Scan# 148
Delta R.T. 0.05 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion: 79 Resp: 20580
Ion Ratio Lower Upper
79 100
52 0.0 64.8 97.2#
51 4.1 35.3 52.9#



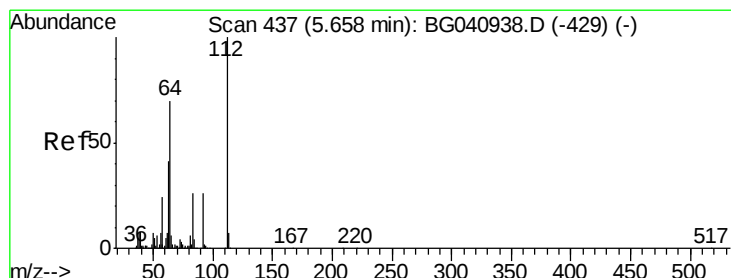
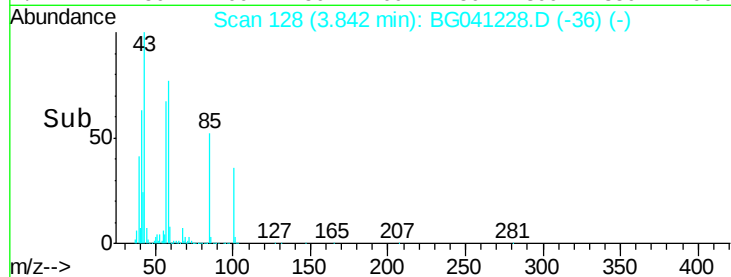
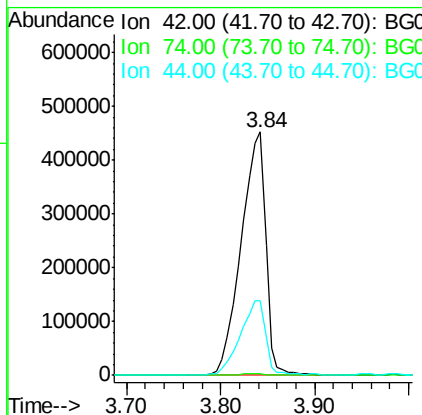
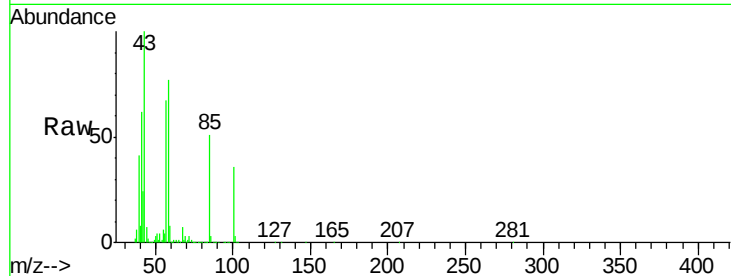


#4

n-Nitrosodimethylamine
 Concen: 563.670 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BG041228.D
 Acq: 13 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :

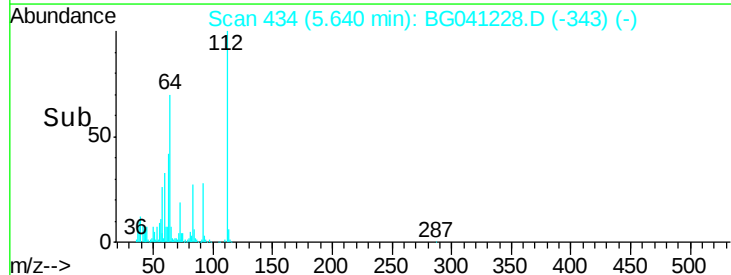
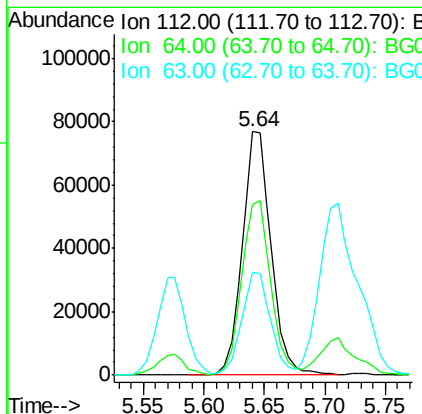
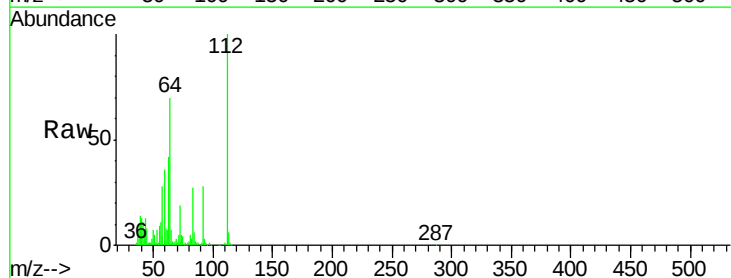
Tot Ion: 42 Resp: 819421
 Ion Ratio Lower Upper
 42 100
 74 0.7 91.8 137.6#
 44 30.8 6.0 9.0#

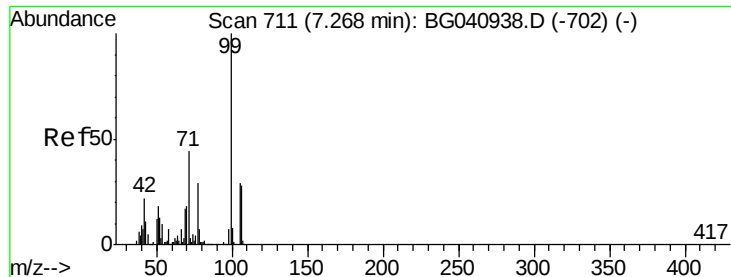


#5

2-Fluorophenol
 Concen: 54.677 ng
 RT: 5.64 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BG041228.D
 Acq: 13 Jun 2019 18:15

Tgt Ion: 112 Resp: 127550
 Ion Ratio Lower Upper
 112 100
 64 70.0 56.2 84.2
 63 42.3 32.8 49.2





#7

Phenol-d6

Concen: 44.766 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

ClientSampled :

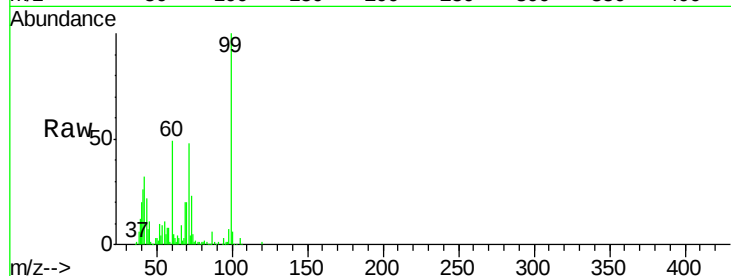
Tot Ion: 99 Resp: 161279

Ion Ratio Lower Upper

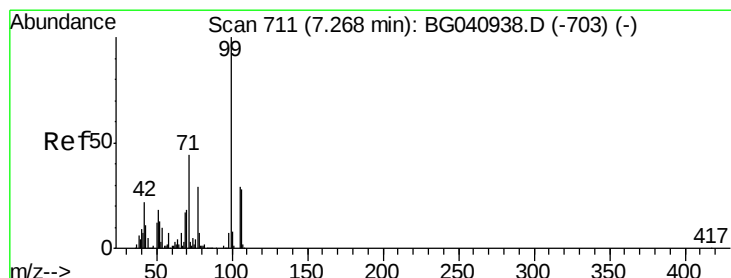
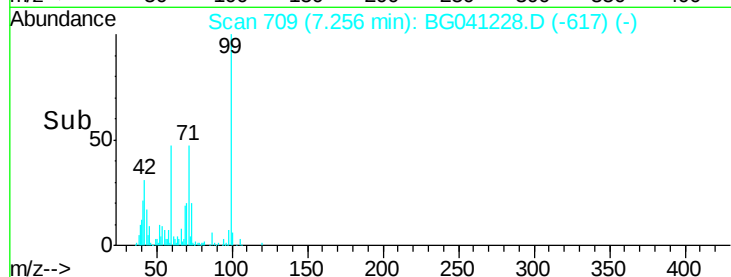
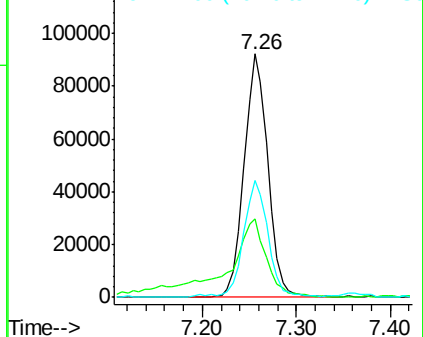
99 100

42 32.3 17.9 26.9#

71 47.8 35.4 53.0



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



#9

Benzaldehyde

Concen: 8.118 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

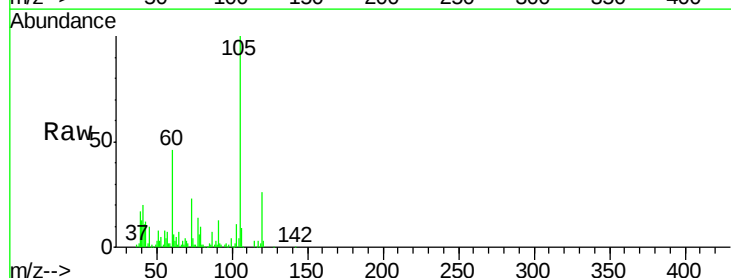
Tgt Ion: 77 Resp: 17447

Ion Ratio Lower Upper

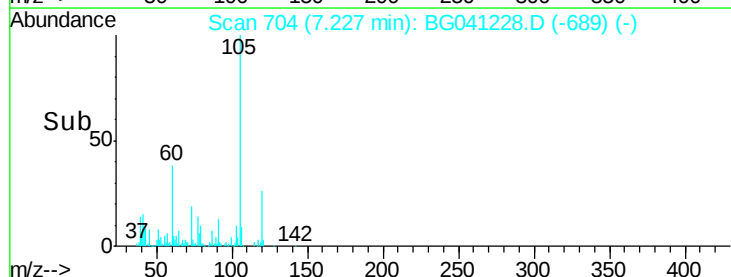
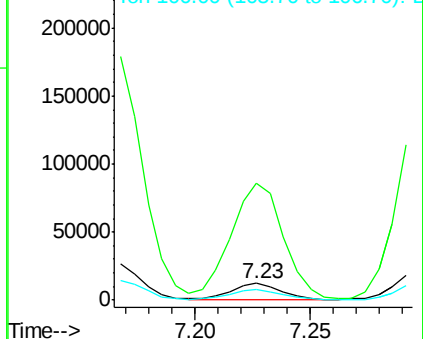
77 100

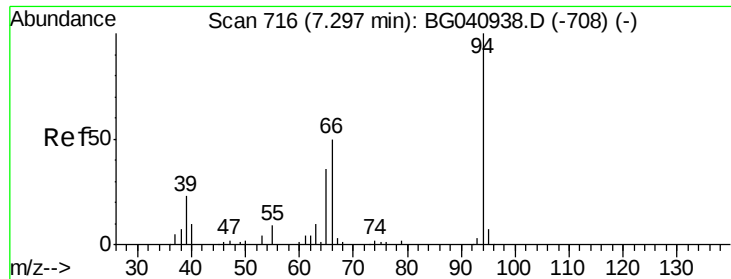
105 710.2 78.9 118.9#

106 65.9 76.7 116.7#



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





#10

Phenol

Concen: 34.313 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

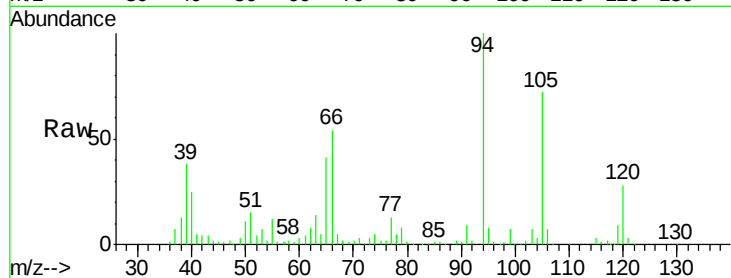
Tot Ion: 94 Resp: 132546

Ion Ratio Lower Upper

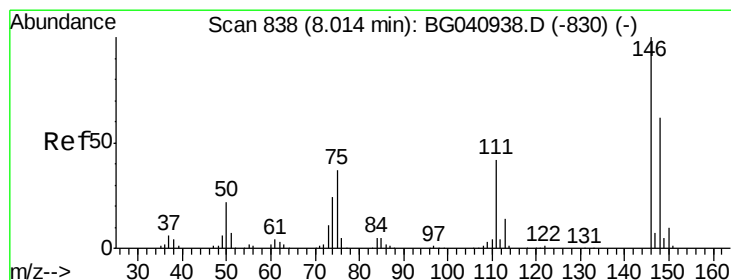
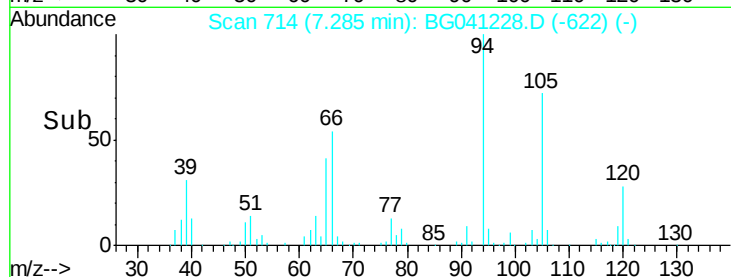
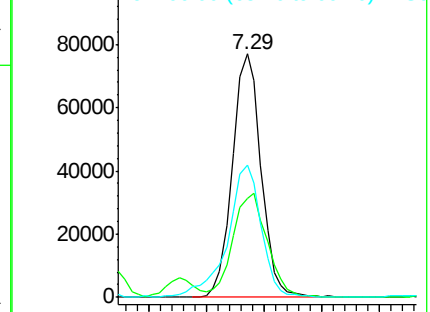
94 100

65 40.5 17.0 57.0

66 54.4 32.4 72.4



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



#12

1,3-Dichlorobenzene

Concen: 33.391 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

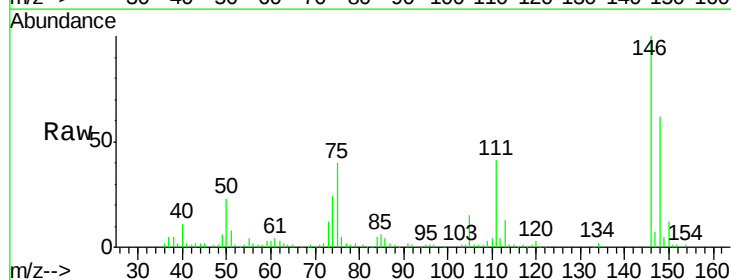
Tgt Ion: 146 Resp: 110913

Ion Ratio Lower Upper

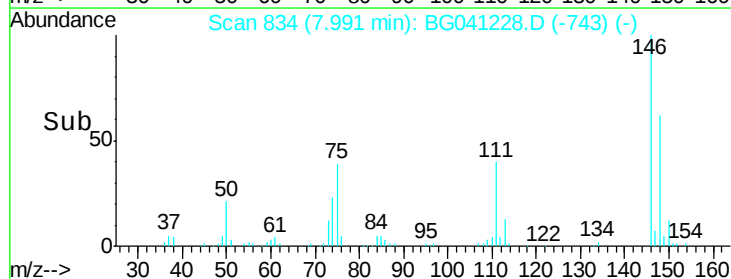
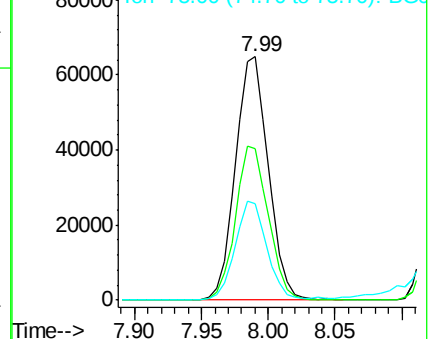
146 100

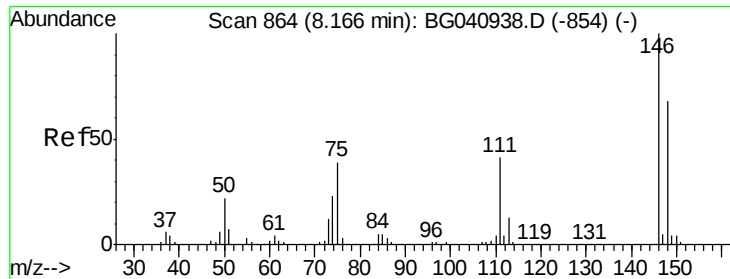
148 62.1 49.2 73.8

75 39.7 29.4 44.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

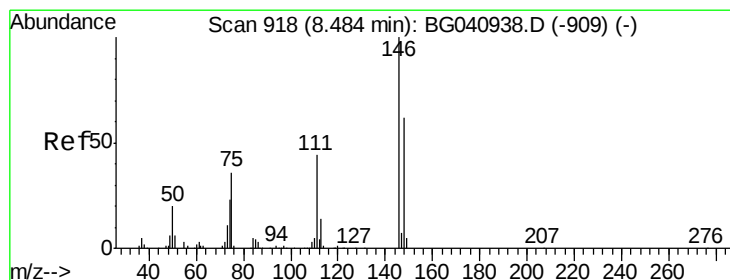
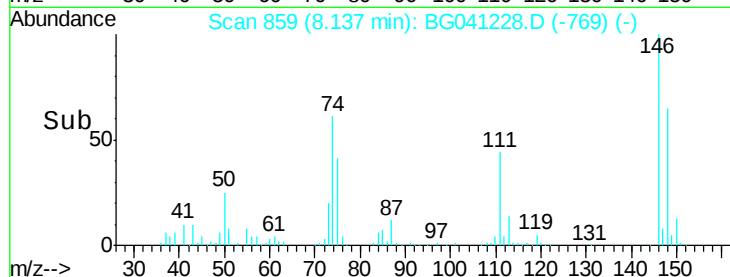
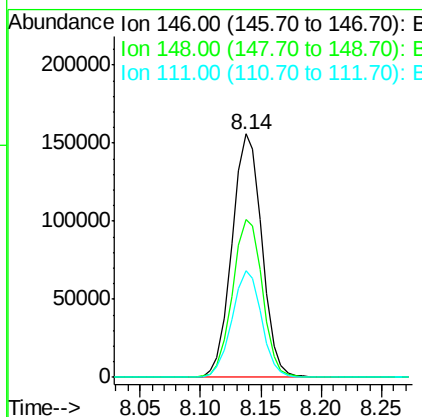
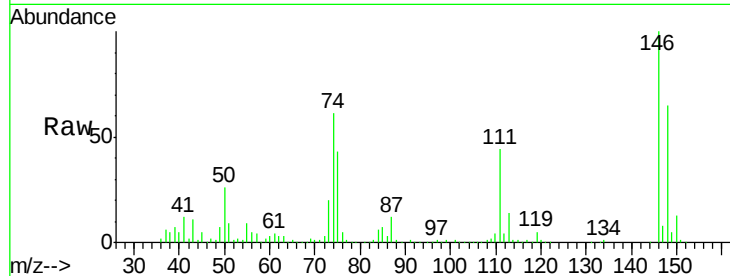




#13
 1,4-Dichlorobenzene
 Concen: 80.130 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BG041228.D
 Acq: 13 Jun 2019 18:15

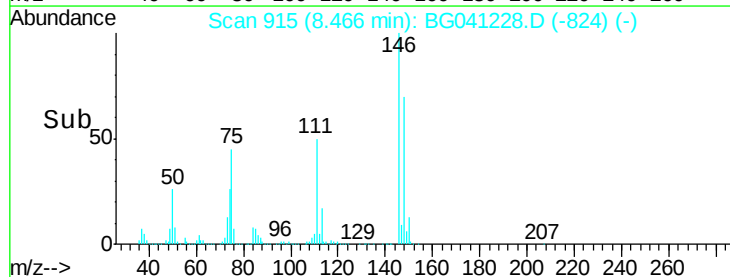
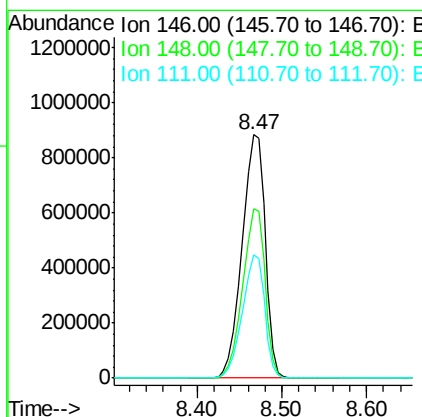
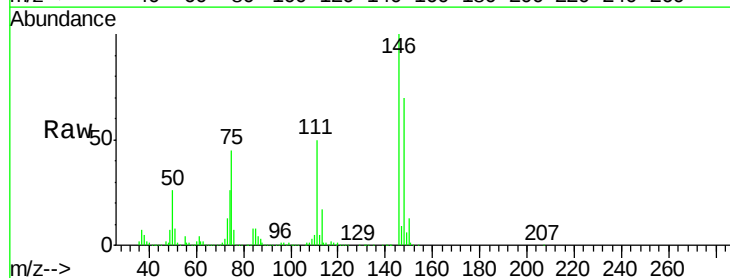
Instrument :
 BNA_G
 ClientSampled :

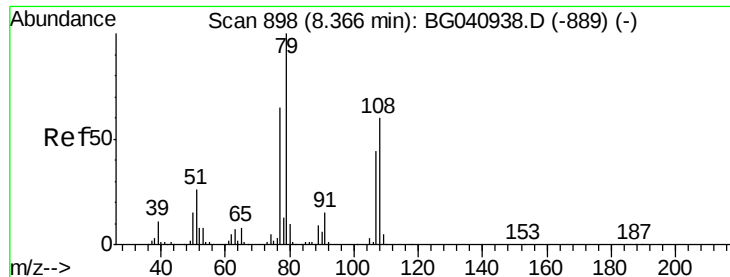
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	54.2	81.4
111	43.7	32.9	49.3



#14
 1,2-Dichlorobenzene
 Concen: 512.458 ng
 RT: 8.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BG041228.D
 Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.5	49.8	74.6
111	50.5	35.0	52.4





#15

Benzyl Alcohol

Concen: 4.444 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.07 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

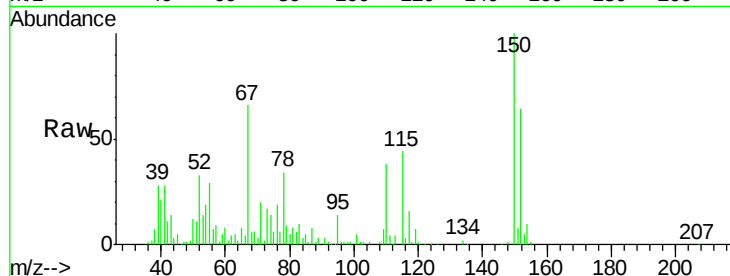
Tot Ion: 79 Resp: 14809

Ion Ratio Lower Upper

79 100

108 9.0 48.3 72.5#

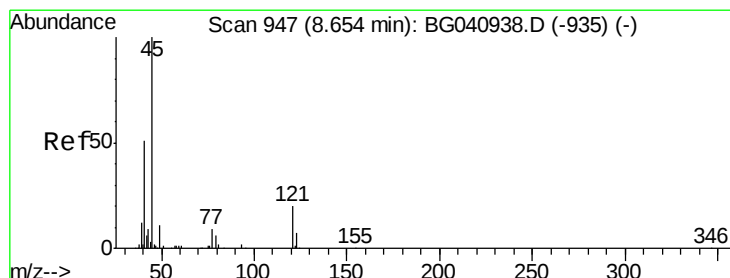
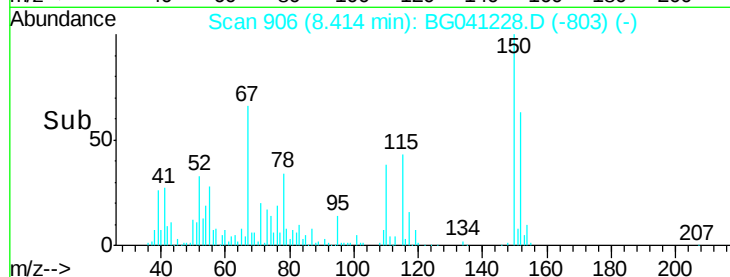
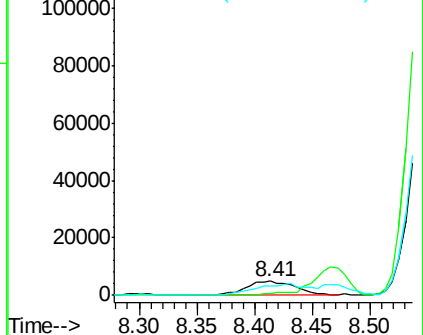
77 67.7 52.3 78.5



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: 2.474 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.34 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

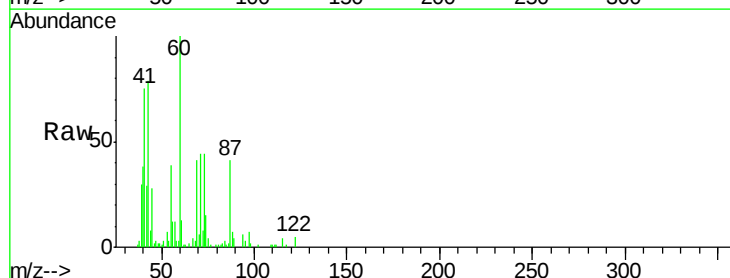
Tgt Ion: 45 Resp: 11331

Ion Ratio Lower Upper

45 100

77 3.1 0.0 33.7

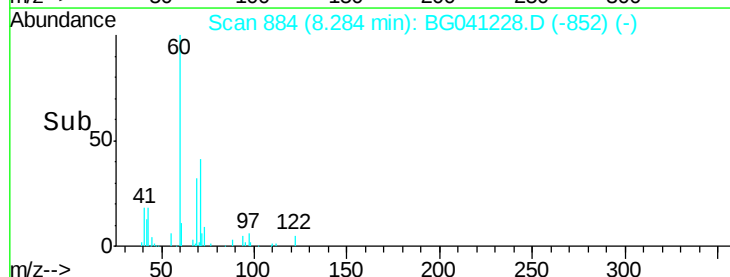
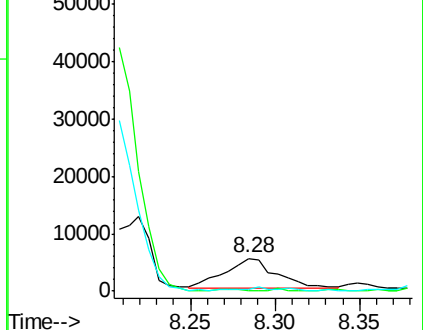
79 5.2 0.0 30.2

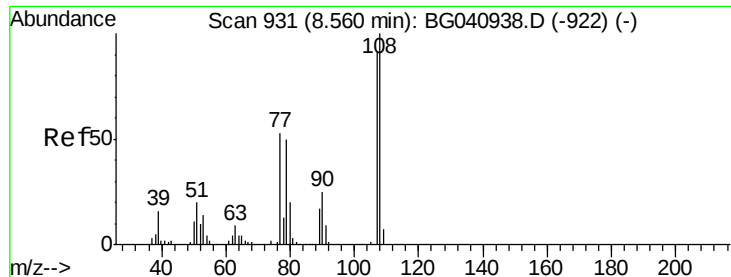


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 58.687 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 164142

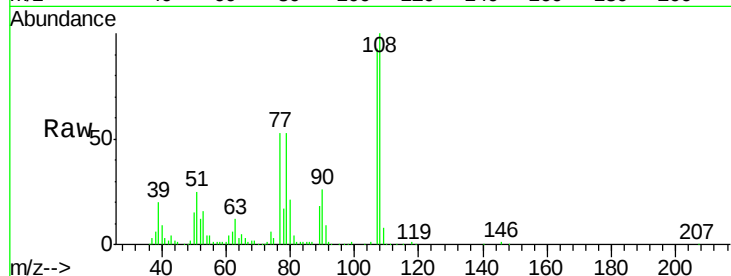
Ion Ratio Lower Upper

107 100

108 107.2 87.7 131.5

77 57.2 46.6 70.0

79 57.3 44.6 66.8

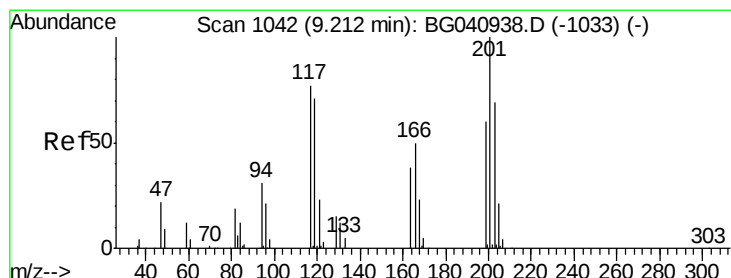
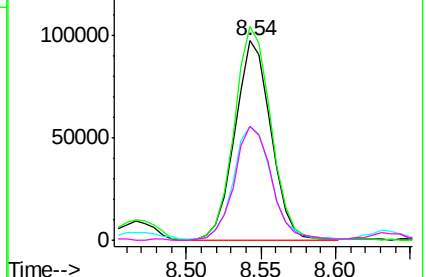
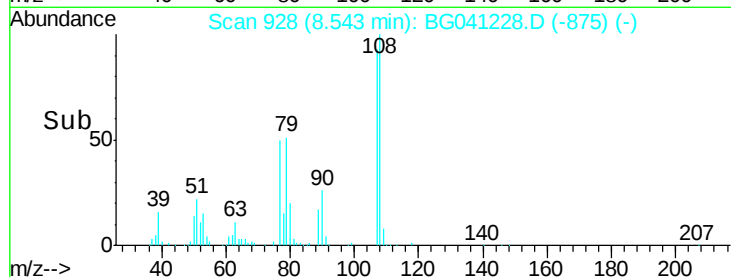


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 17.444 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

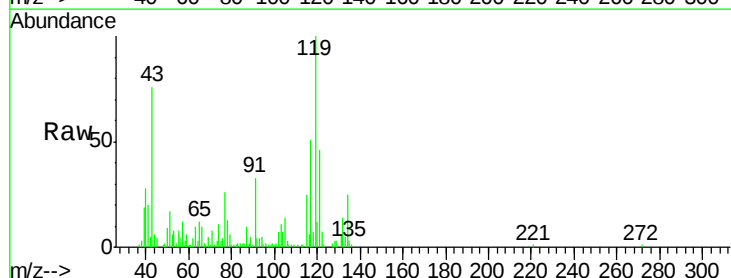
Tgt Ion:117 Resp: 22605

Ion Ratio Lower Upper

117 100

119 197.3 75.0 112.6#

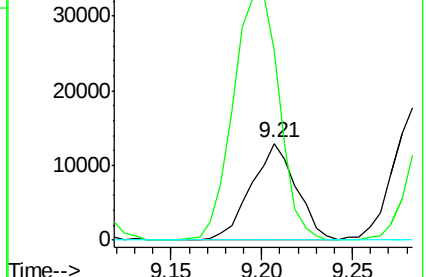
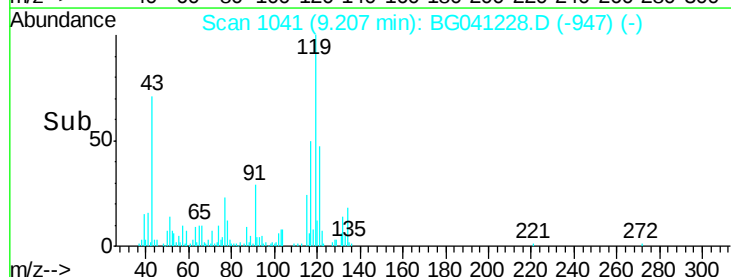
201 0.0 103.5 155.3#

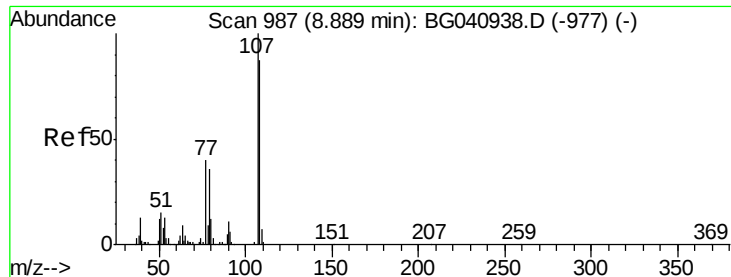


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

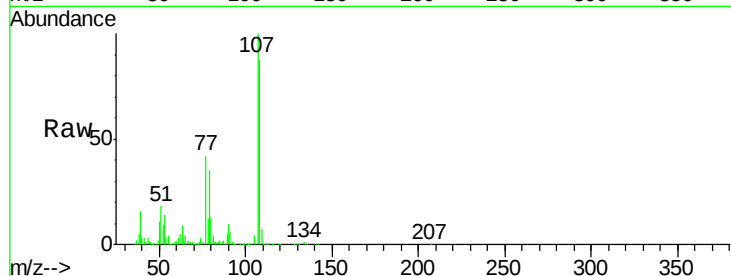




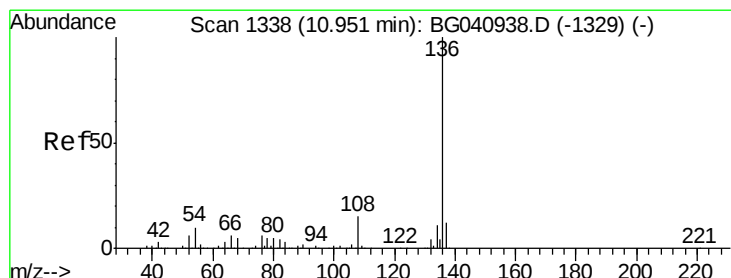
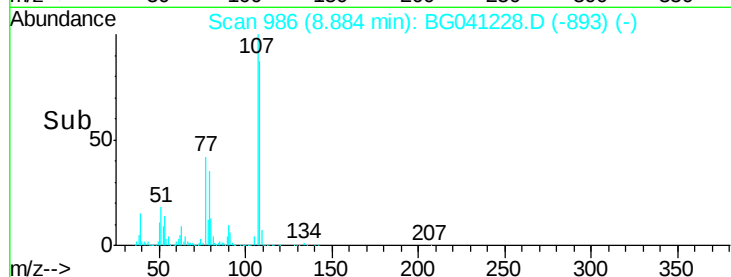
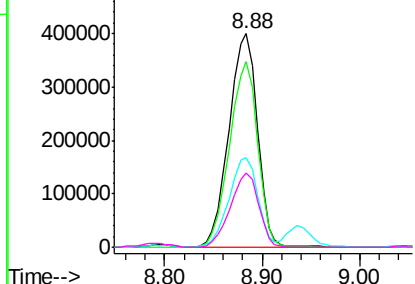
#20
3+4-Methylphenols
Concen: 209.024 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	809806
Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.8	106.8
77	41.8	20.5	60.5
79	34.6	15.8	55.8

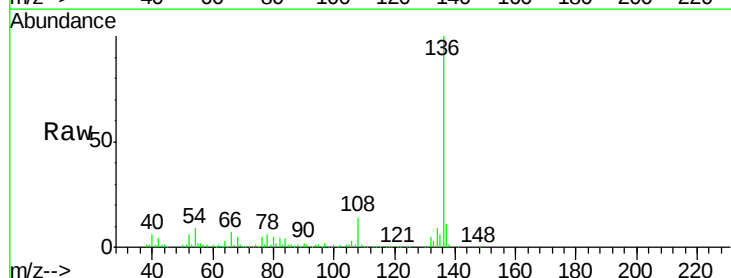


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

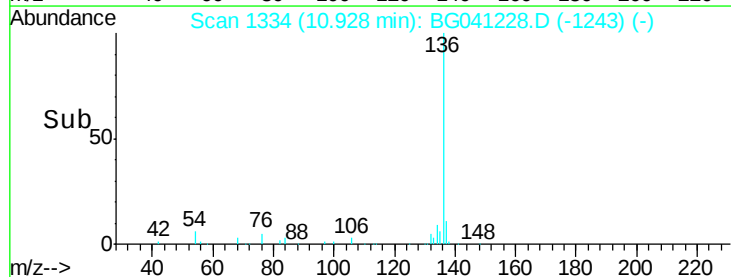
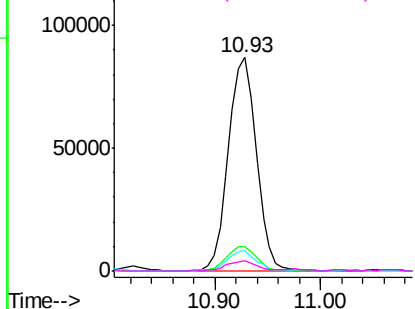


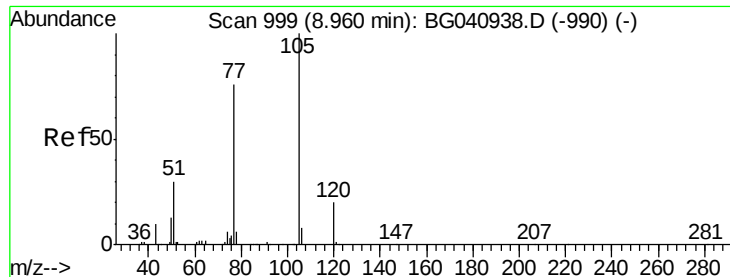
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion:	136	Resp:	160074
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	9.5	7.6	11.4
68	5.1	3.9	5.9



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





#22

Acetophenone

Concen: 18.804 ng

RT: 8.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

ClientSampled :

Tot Ion:105 Resp: 84435

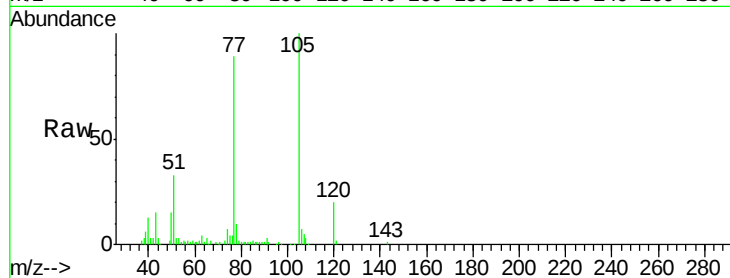
Ion Ratio Lower Upper

105 100

71 0.5 0.4 0.6

51 32.8 27.0 40.6

120 20.0 16.2 24.4

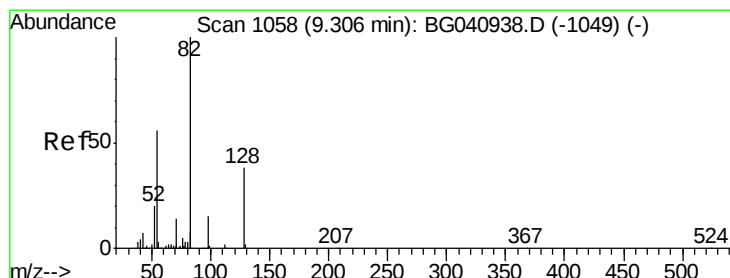
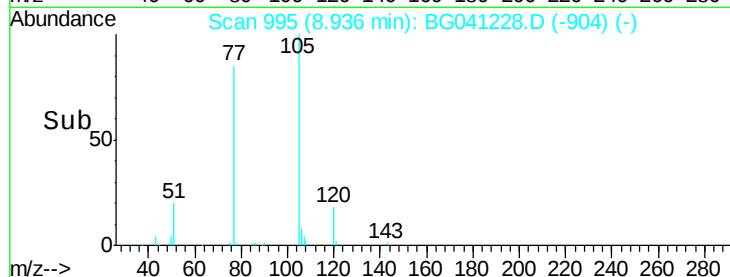
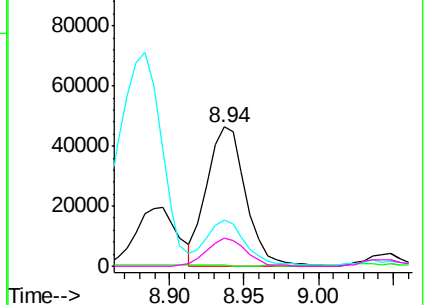


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 88.835 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

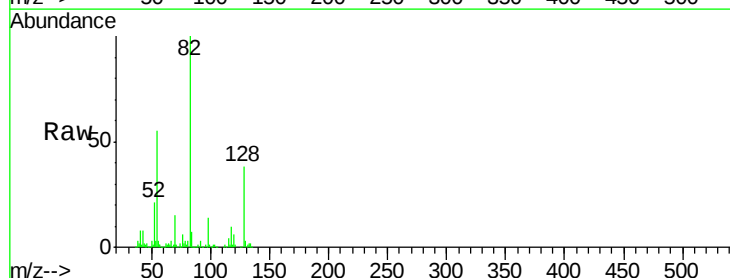
Tgt Ion: 82 Resp: 320321

Ion Ratio Lower Upper

82 100

128 38.0 30.5 45.7

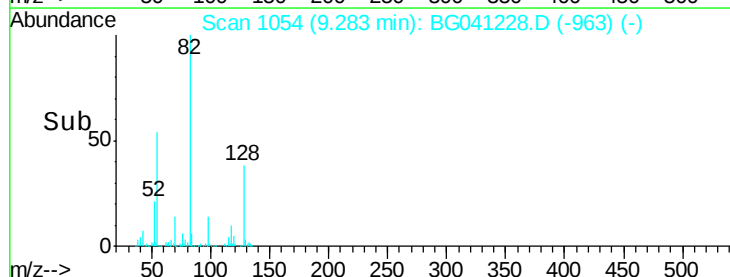
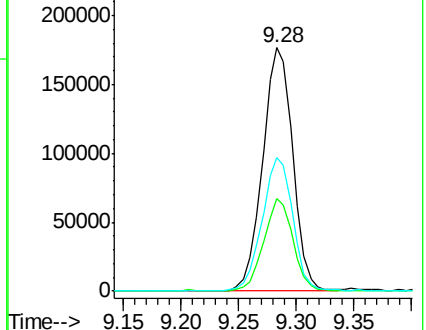
54 54.6 44.6 66.8

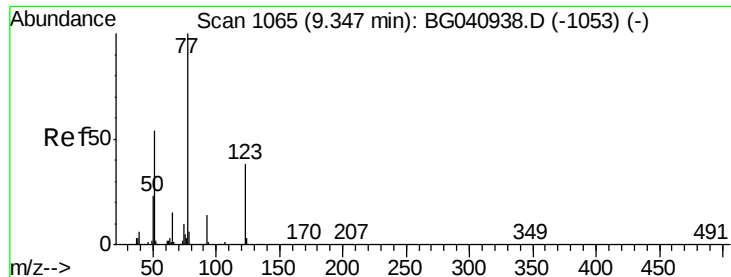


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

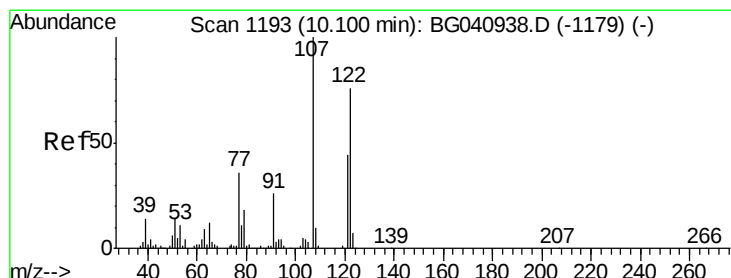
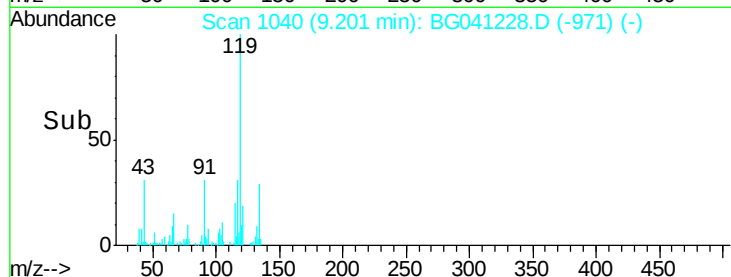
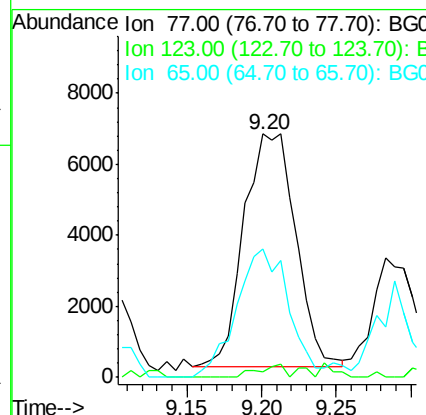
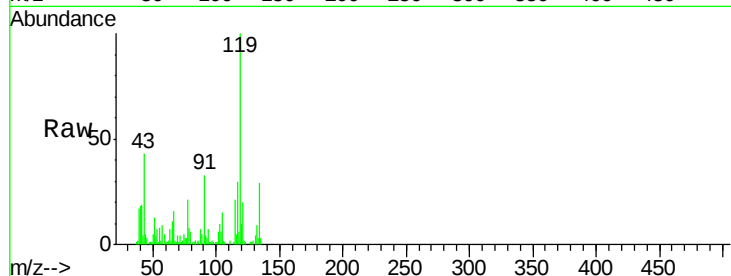




#24
Nitrobenzene
Concen: 4.327 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.13 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

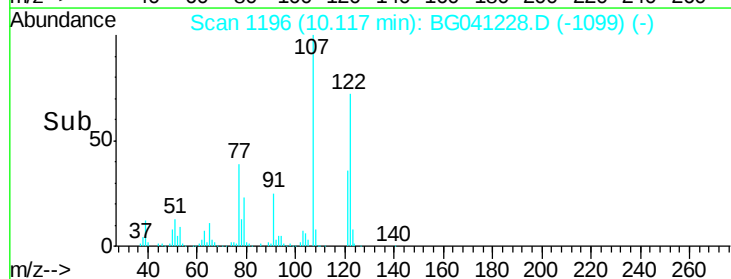
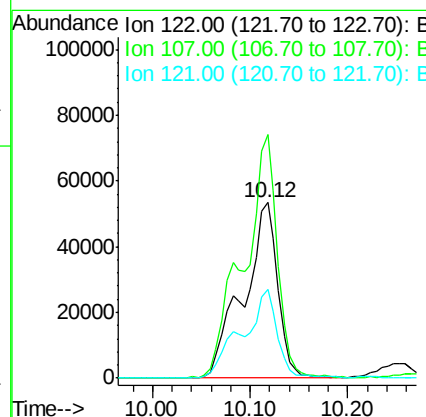
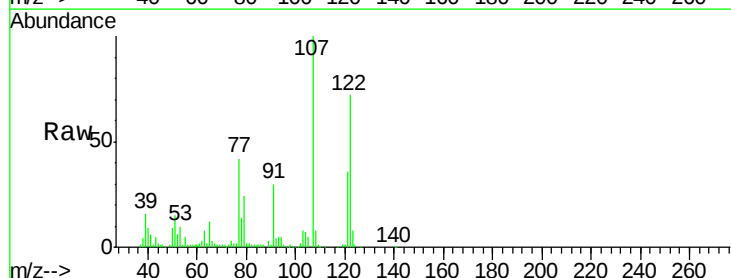
Instrument :
BNA_G
ClientSampleId :

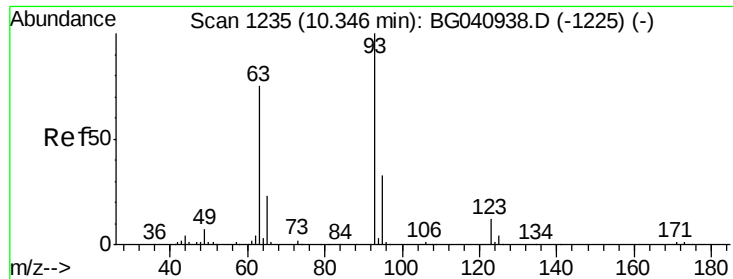
Tot Ion	Ratio	Lower	Upper
77	100		
123	2.5	30.6	46.0#
65	52.7	12.3	18.5#



#27
2,4-Dimethylphenol
Concen: 52.681 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.04 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
122	100		
107	139.0	105.9	158.9
121	50.3	46.2	69.4

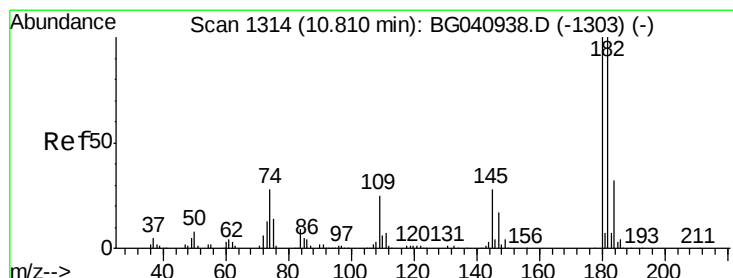
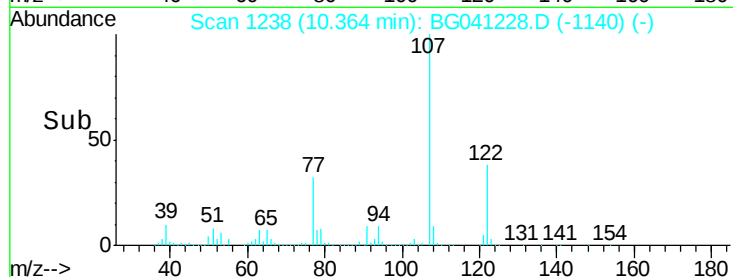
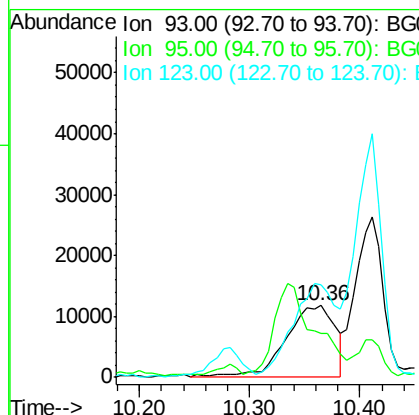
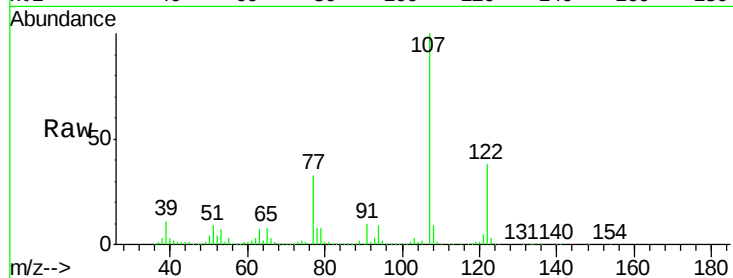




#28
bis(2-Chloroethoxy)methane
Concen: 9.527 ng
RT: 10.36 min Scan# 1238
Delta R.T. 0.04 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

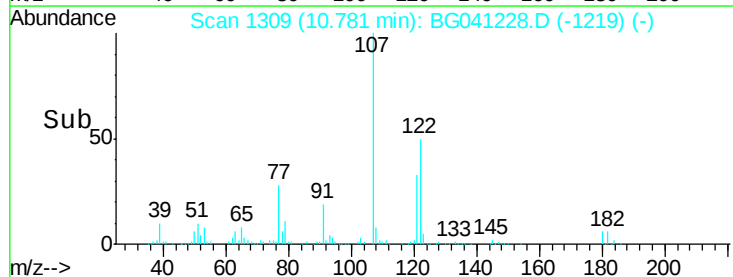
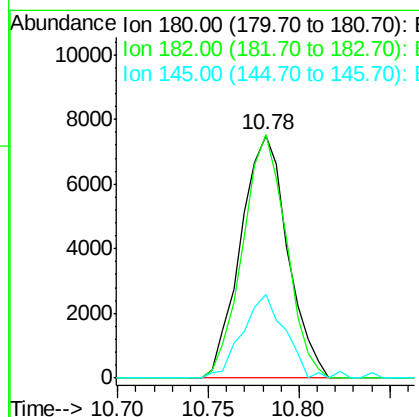
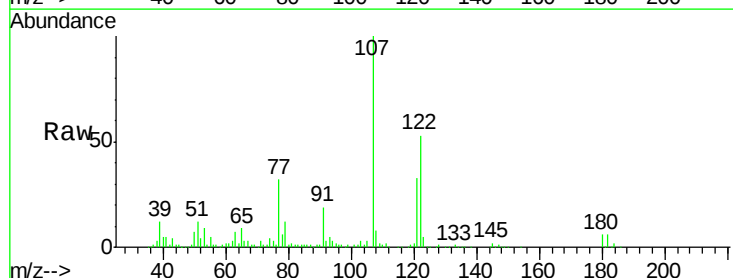
Instrument :
BNA_G
ClientSampleId :

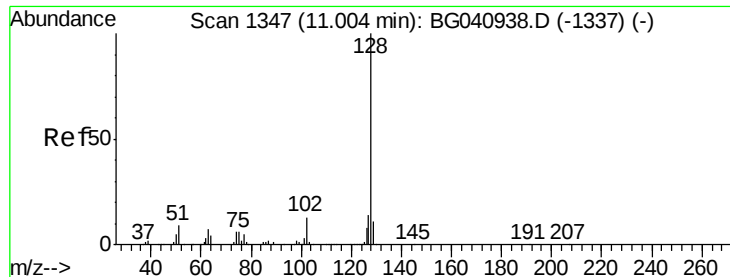
Tot Ion: 93 Resp: 35285
Ion Ratio Lower Upper
93 100
95 60.6 26.2 39.2#
123 129.0 9.5 14.3#



#30
1,2,4-Trichlorobenzene
Concen: 3.748 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion: 180 Resp: 13545
Ion Ratio Lower Upper
180 100
182 100.5 79.7 119.5
145 34.5 22.6 34.0#

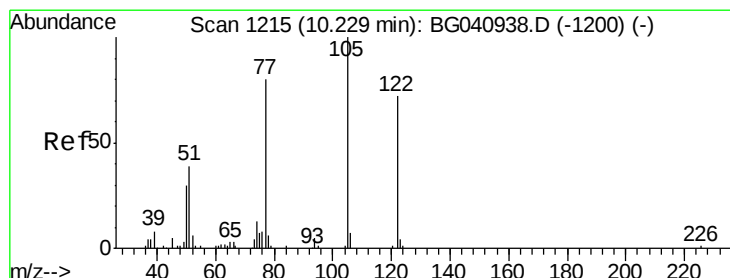
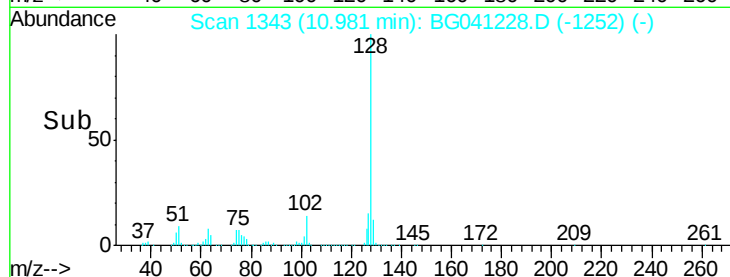
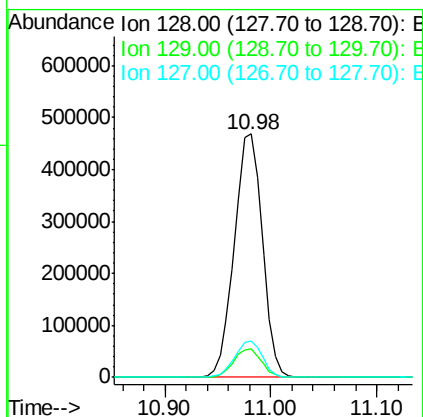
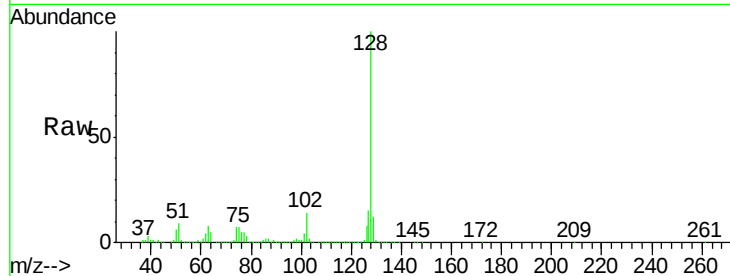




#31
Naphthalene
Concen: 100.237 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

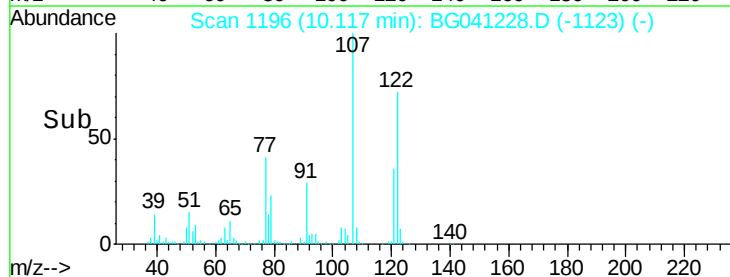
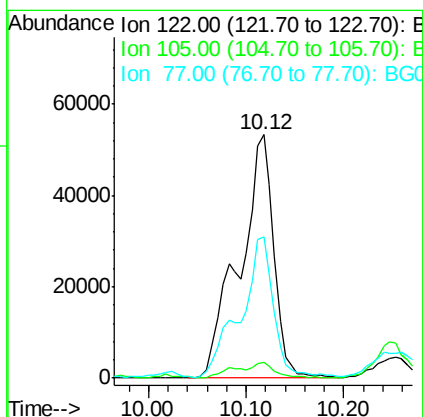
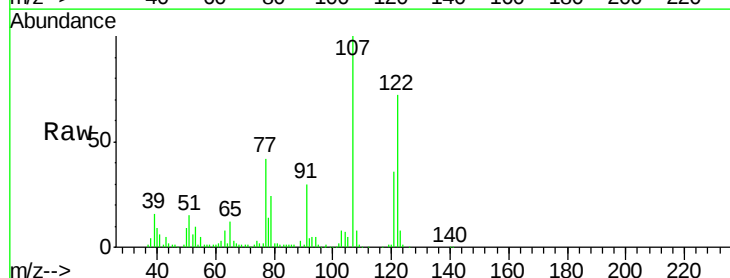
Instrument :
BNA_G
ClientSampleId :

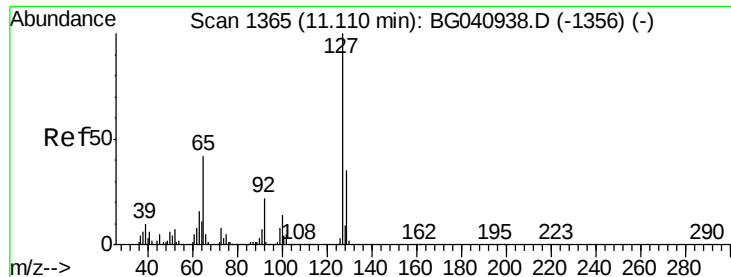
Tot Ion:128 Resp: 861490
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 14.9 11.4 17.2



#32
Benzoic acid
Concen: 64.405 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.10 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion:122 Resp: 131801
Ion Ratio Lower Upper
122 100
105 6.7 114.8 154.8#
77 58.0 89.9 129.9#

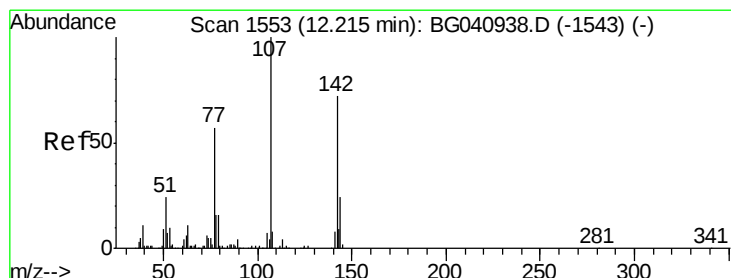
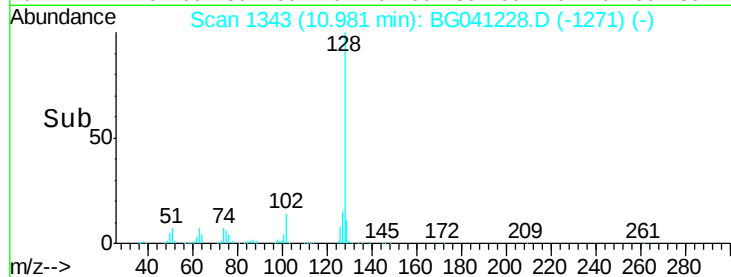
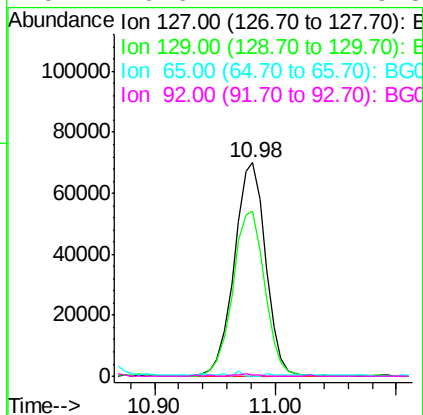
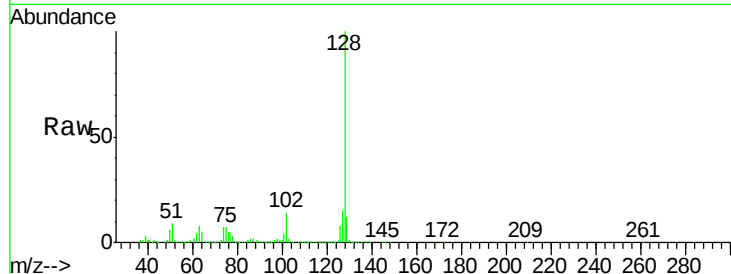




#33
4-Chloroaniline
Concen: 31.890 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.11 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

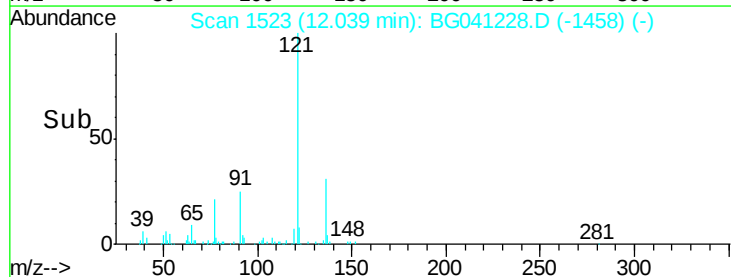
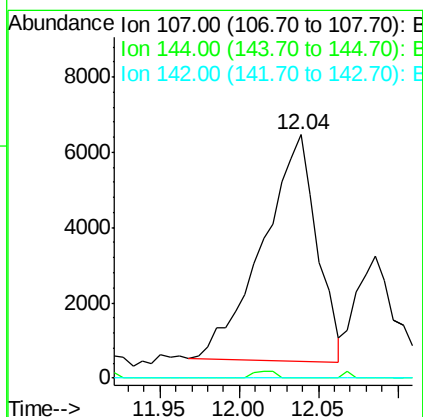
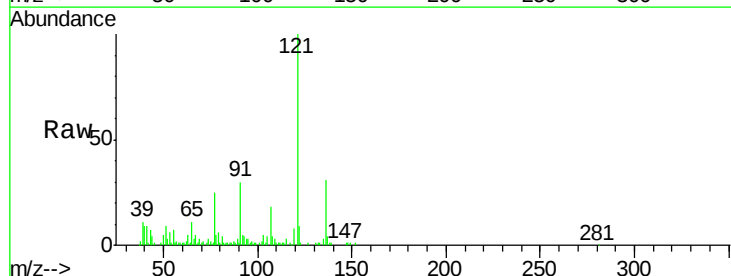
Instrument :
BNA_G
ClientSampled :

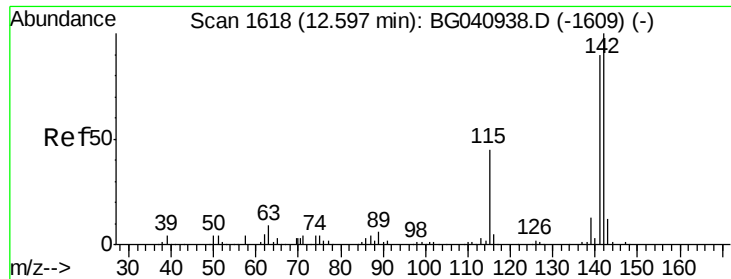
Tot Ion	Ratio	Lower	Upper
127	100		
129	77.3	27.7	41.5#
65	0.0	33.2	49.8#
92	0.6	17.2	25.8#



#36
4-Chloro-3-methylphenol
Concen: 3.911 ng
RT: 12.04 min Scan# 1523
Delta R.T. -0.15 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.4	29.0#
142	0.0	57.3	85.9#

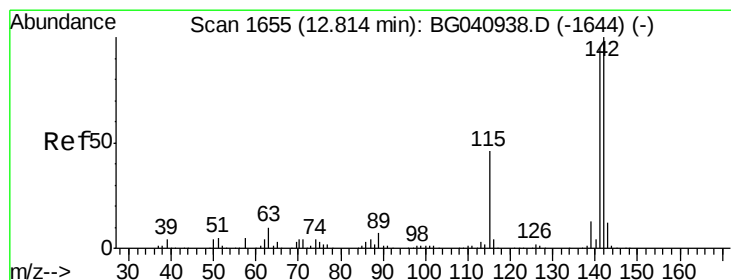
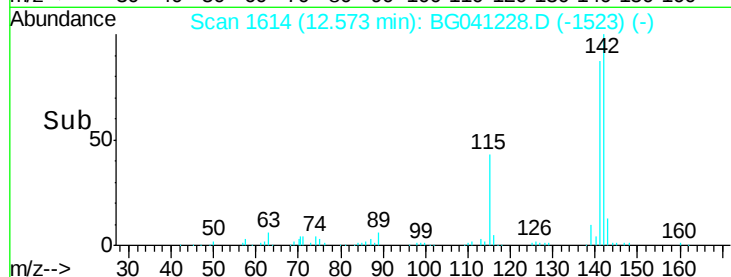
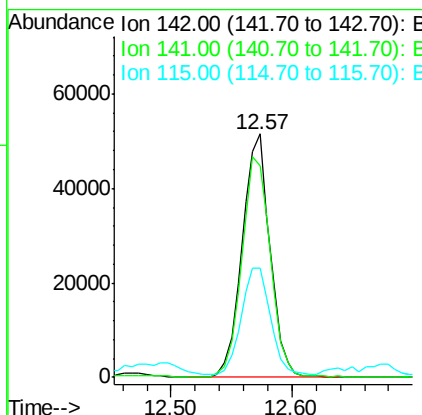
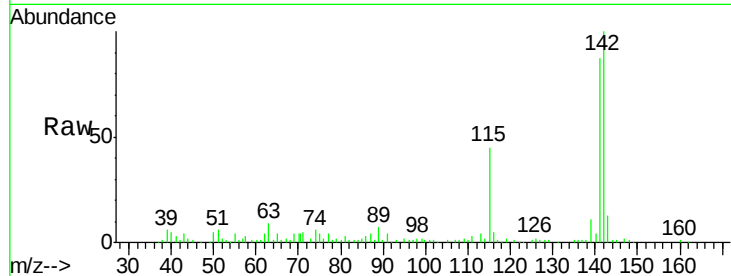




#37
2-Methylnaphthalene
Concen: 12.529 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

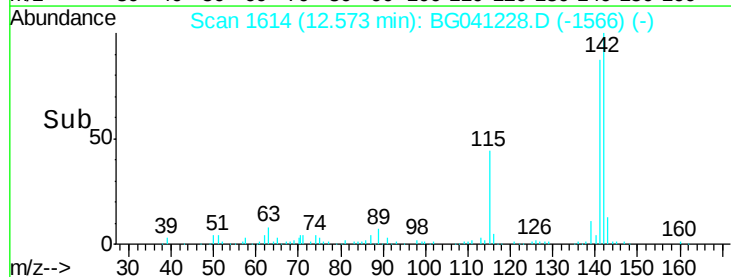
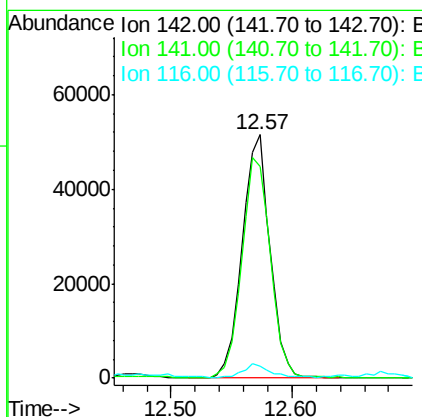
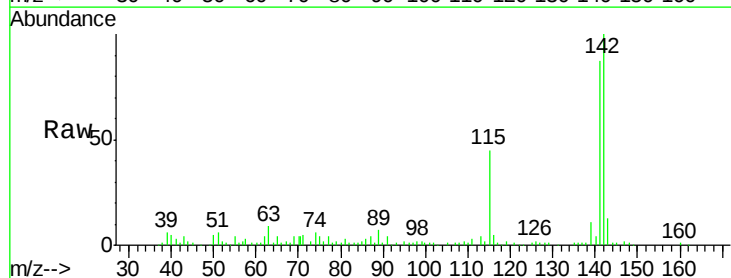
Instrument :
BNA_G
ClientSampleId :

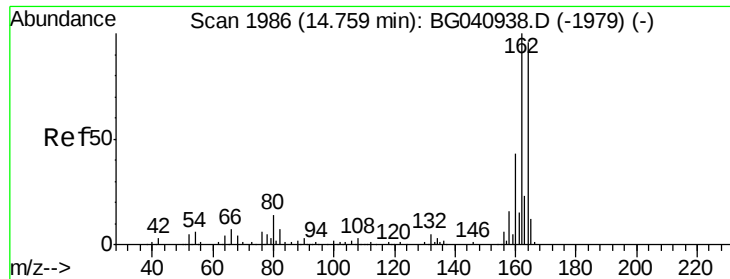
Tot Ion:142 Resp: 82937
Ion Ratio Lower Upper
142 100
141 87.2 72.2 108.4
115 44.9 36.2 54.4



#38
1-Methylnaphthalene
Concen: 13.296 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.22 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion:142 Resp: 82937
Ion Ratio Lower Upper
142 100
141 87.2 75.7 113.5
116 4.9 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

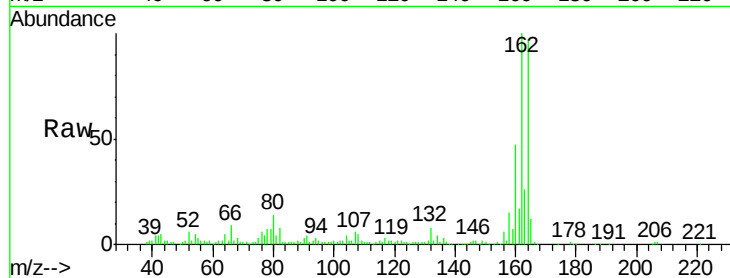
Tot Ion:164 Resp: 116957

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

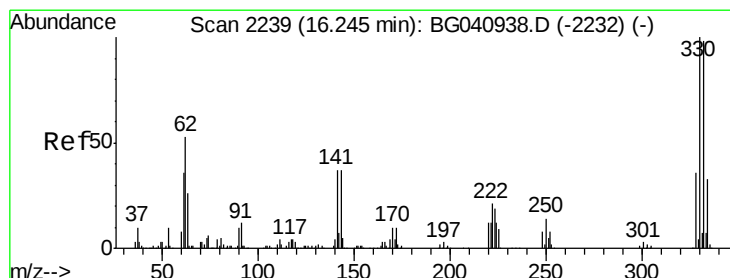
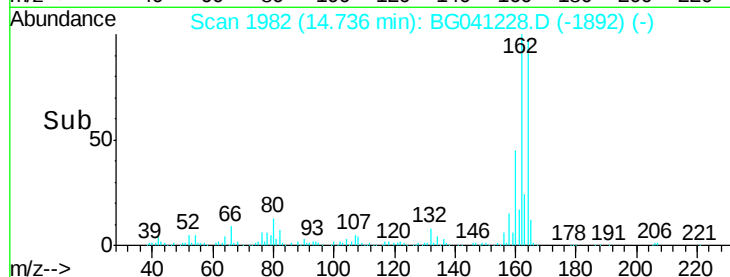
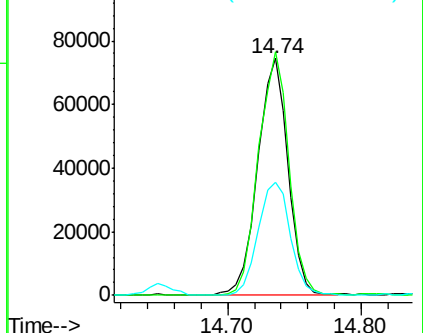
160 48.0 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 119.377 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

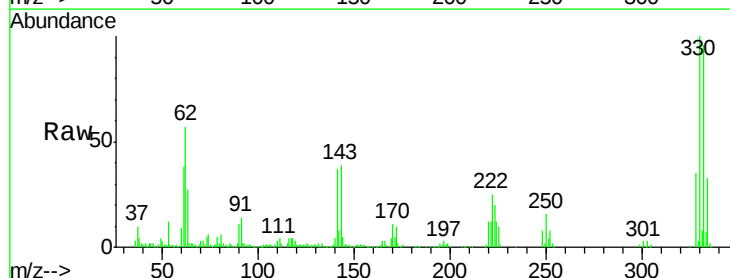
Tgt Ion:330 Resp: 207276

Ion Ratio Lower Upper

330 100

332 97.4 78.5 117.7

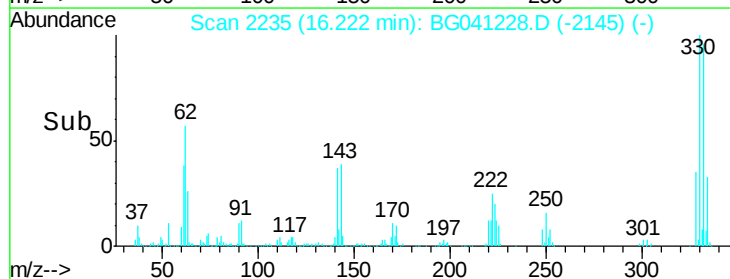
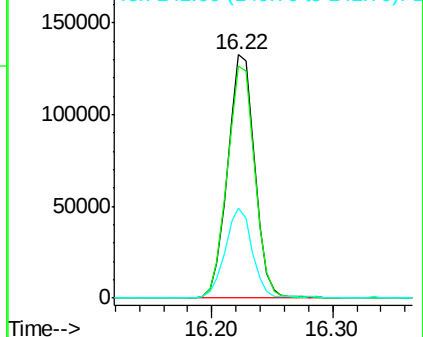
141 36.7 28.7 43.1

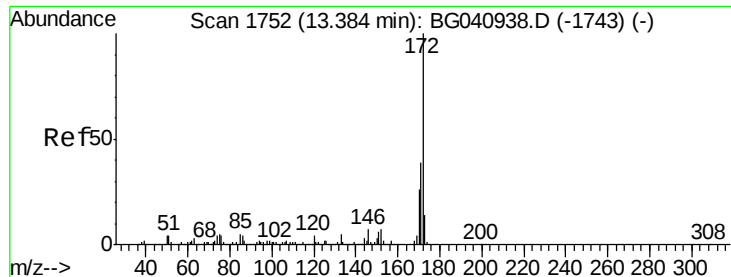


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

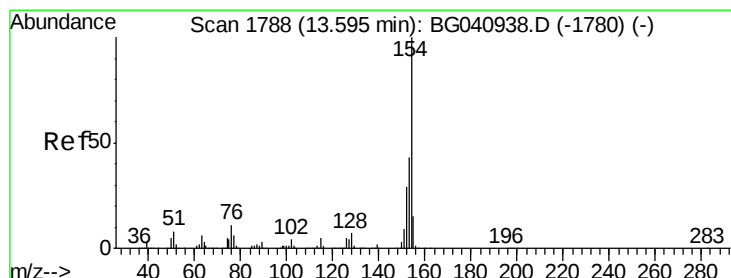
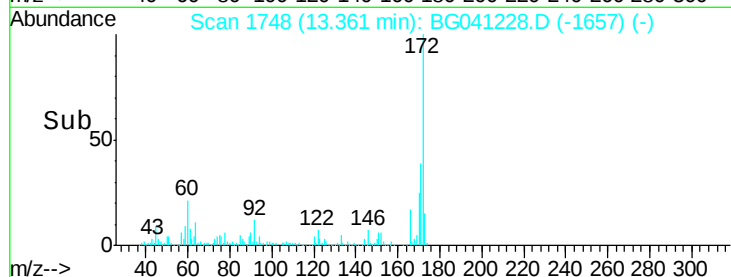
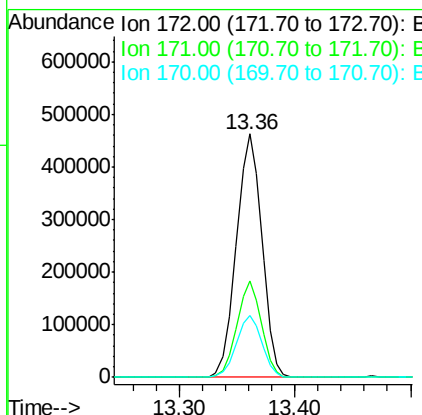
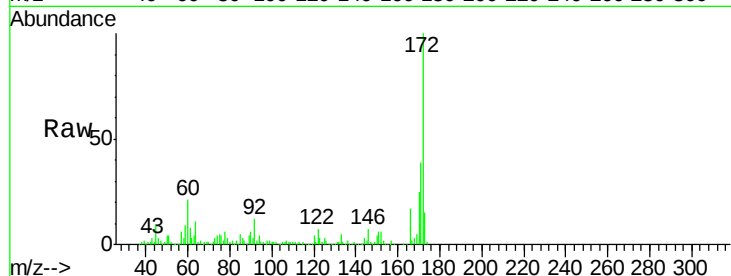




#45
2-Fluorobiphenyl
Concen: 87.171 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

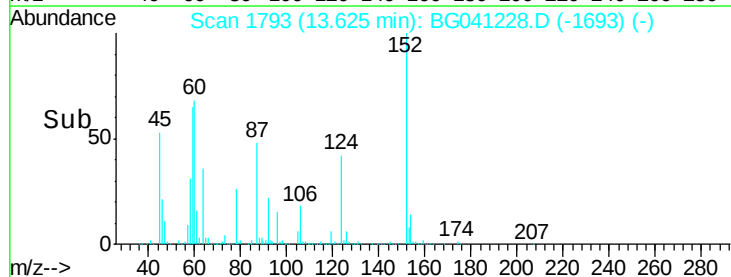
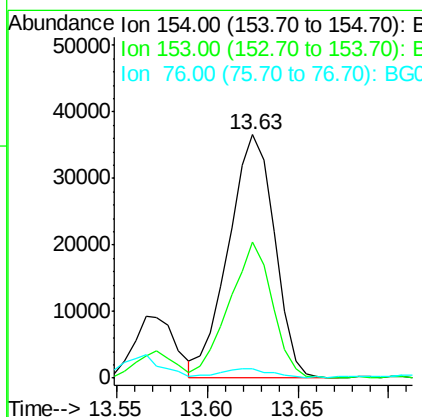
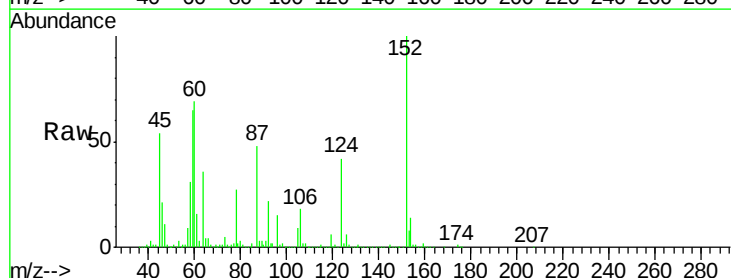
Instrument :
BNA_G
ClientSampleId :

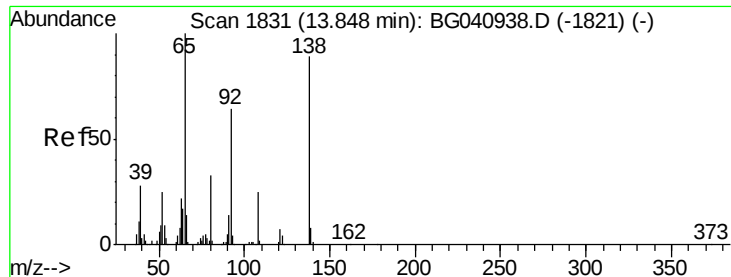
Tot Ion:172 Resp: 707953
Ion Ratio Lower Upper
172 100
171 39.5 31.1 46.7
170 25.4 20.5 30.7



#46
1,1'-Biphenyl
Concen: 7.471 ng
RT: 13.63 min Scan# 1793
Delta R.T. 0.06 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion:154 Resp: 64676
Ion Ratio Lower Upper
154 100
153 55.7 23.3 63.3
76 4.0 0.0 31.1

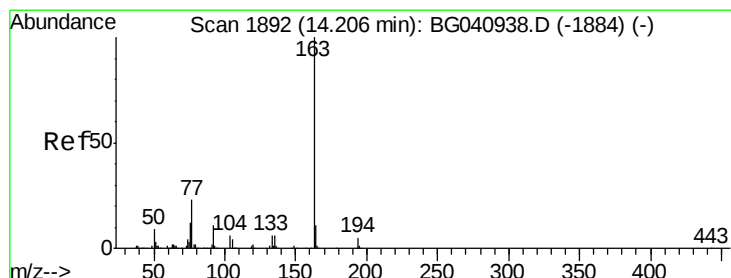
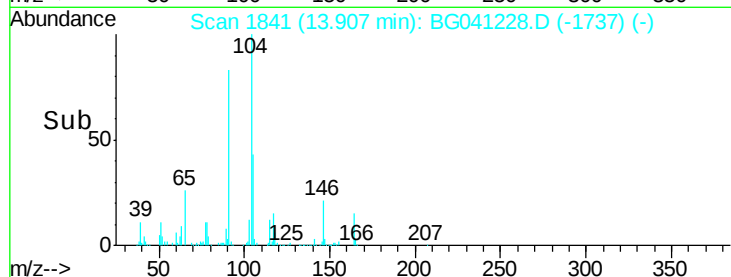
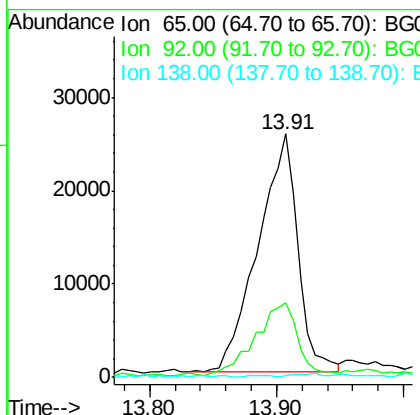
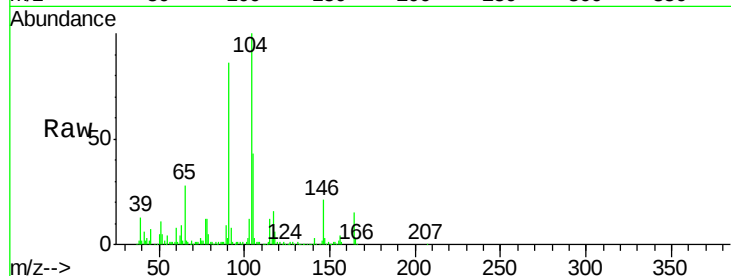




#48
2-Nitroaniline
Concen: 20.841 ng
RT: 13.91 min Scan# 1841
Delta R.T. 0.08 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

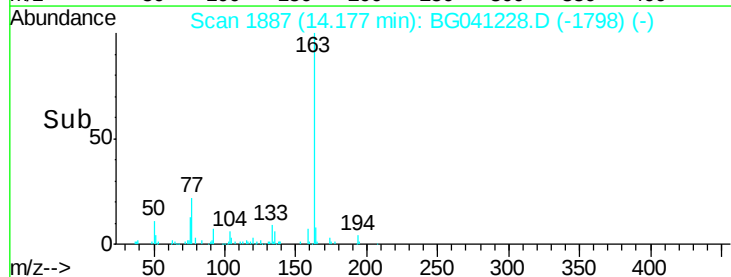
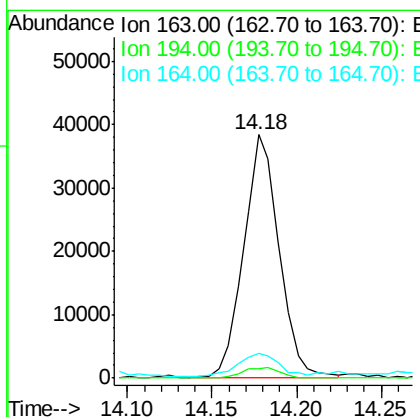
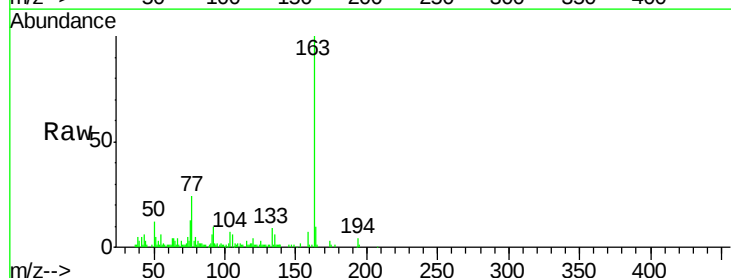
Instrument :
BNA_G
ClientSampleId :

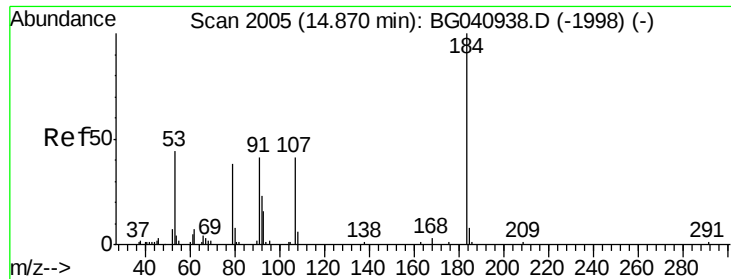
Tot Ion: 65 Resp: 55569
Ion Ratio Lower Upper
65 100
92 30.4 51.0 76.6#
138 0.9 71.2 106.8#



#50
Dimethylphthalate
Concen: 5.689 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion:163 Resp: 56319
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.8
164 10.2 8.7 13.1





#54

2,4-Dinitrophenol

Concen: 8.401 ng

RT: 14.95 min Scan# 2018

Delta R.T. 0.09 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

ClientSampled :

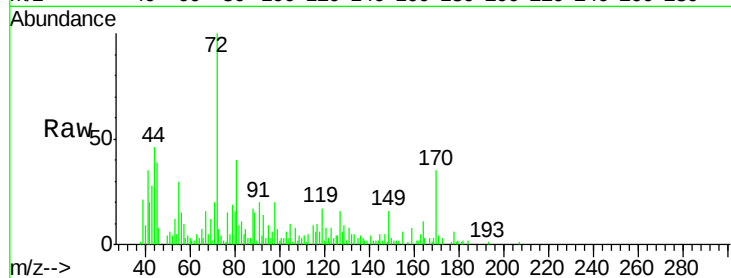
Tot Ion:184 Resp: 132

Ion Ratio Lower Upper

184 100

63 304.2 49.8 74.6#

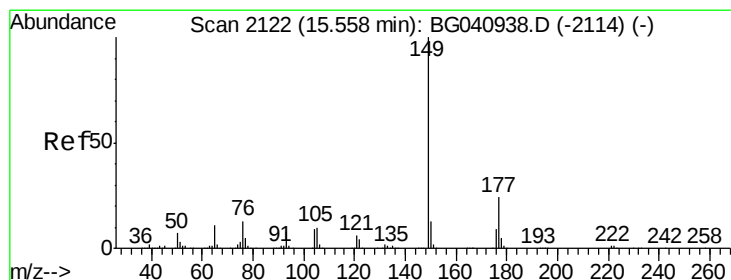
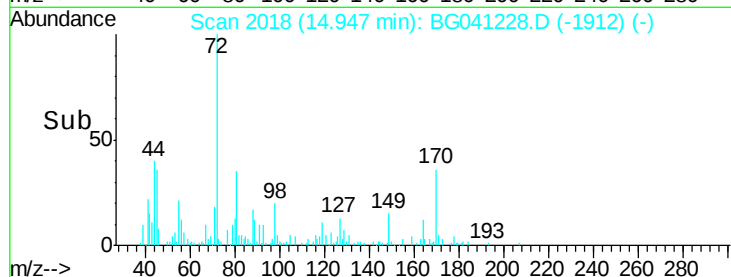
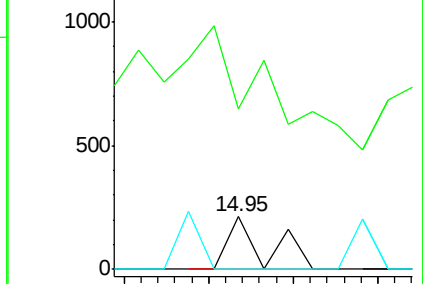
154 0.0 52.2 78.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#60

Diethylphthalate

Concen: 4.410 ng

RT: 15.53 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

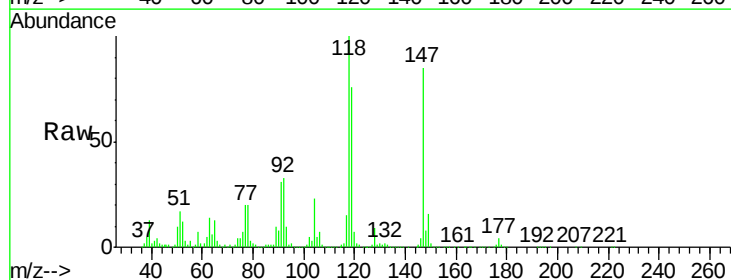
Tgt Ion:149 Resp: 44555

Ion Ratio Lower Upper

149 100

177 23.2 19.4 29.0

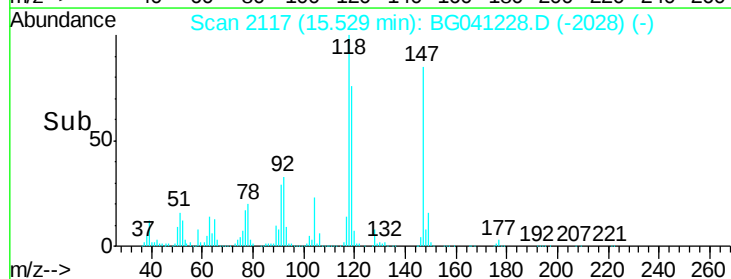
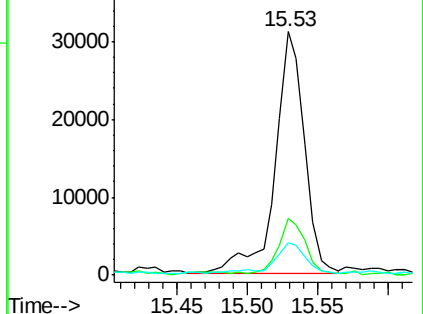
150 13.4 10.3 15.5

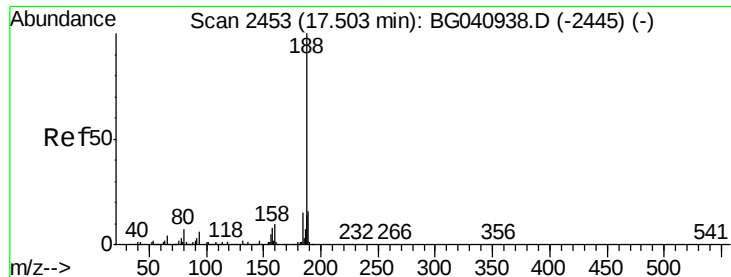


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

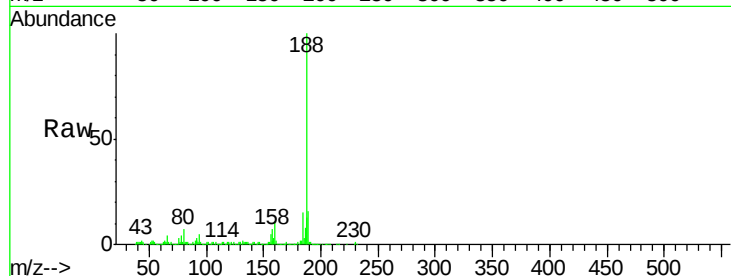
Tot Ion:188 Resp: 282824

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

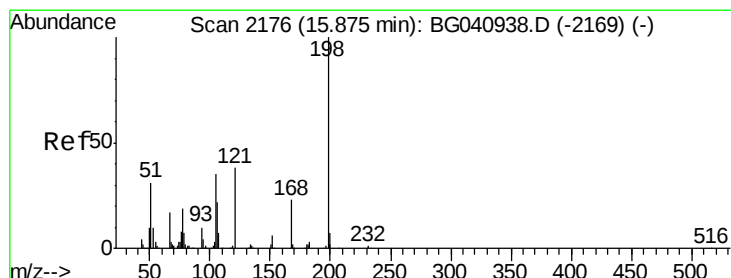
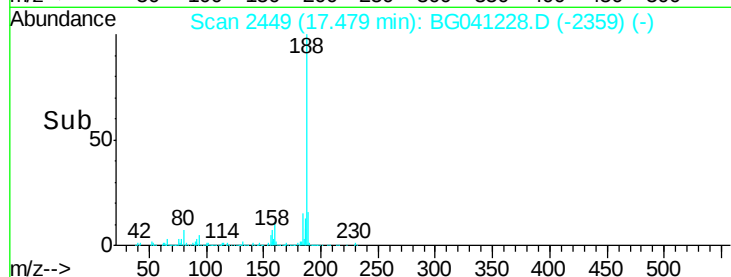
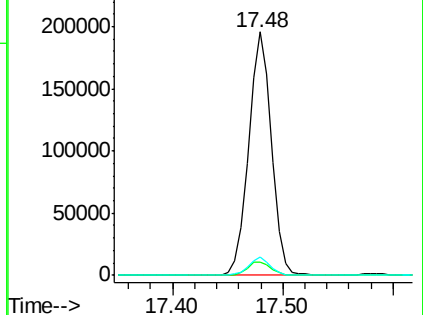
80 7.3 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 9.857 ng

RT: 15.87 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

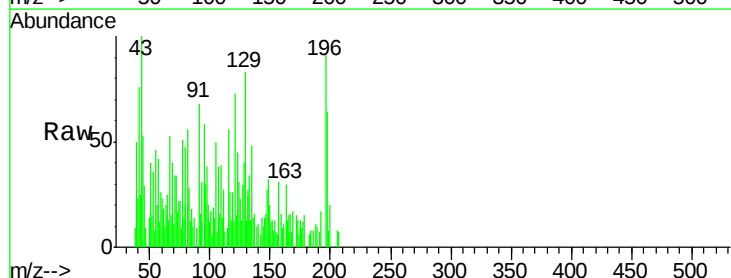
Tgt Ion:198 Resp: 2339

Ion Ratio Lower Upper

198 100

51 61.9 21.6 61.6#

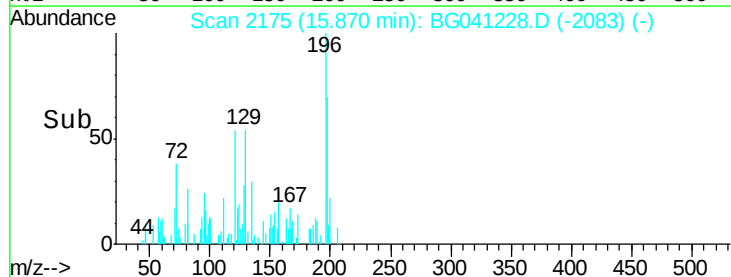
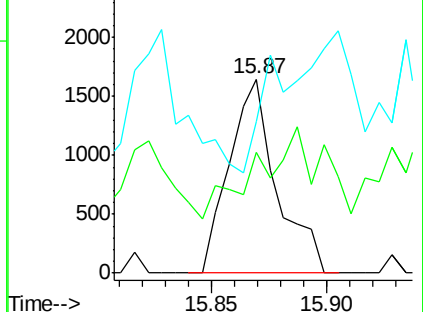
105 77.7 17.5 57.5#

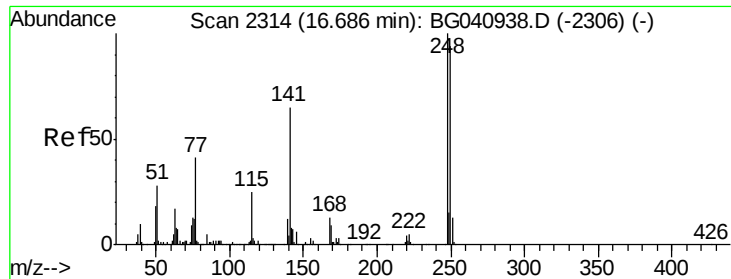


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

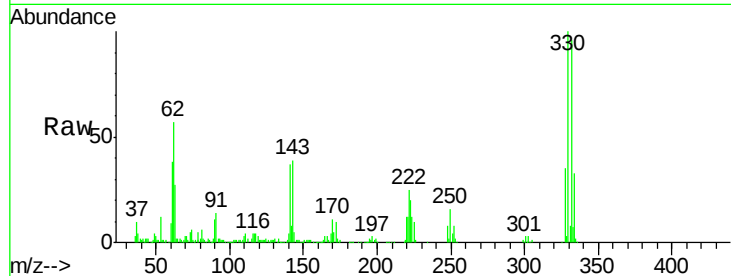




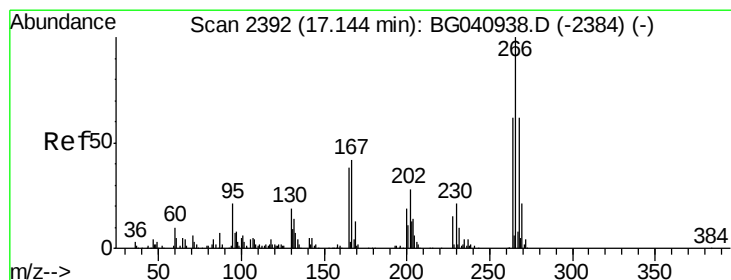
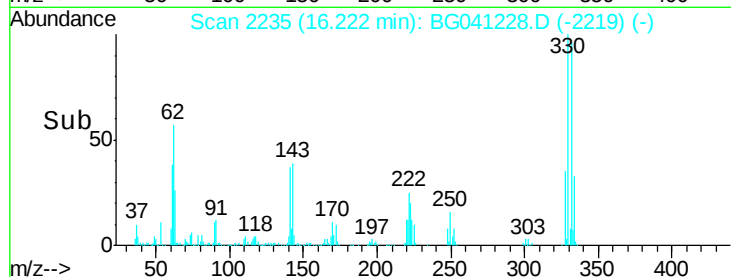
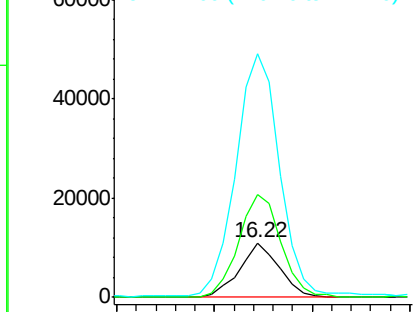
#67
4-Bromophenyl-phenylether
Concen: 4.043 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.44 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15430
Ion Ratio Lower Upper
248 100
250 188.7 75.0 112.4#
141 448.3 52.4 78.6#

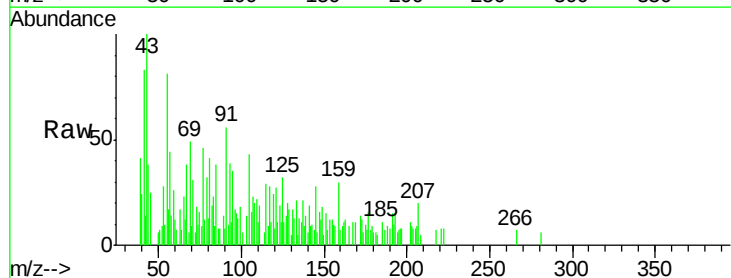


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

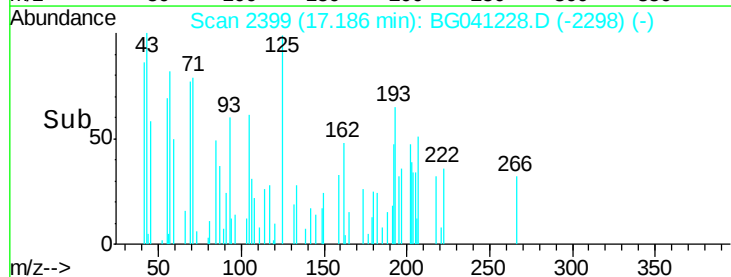
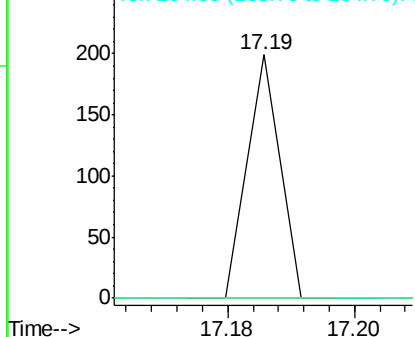


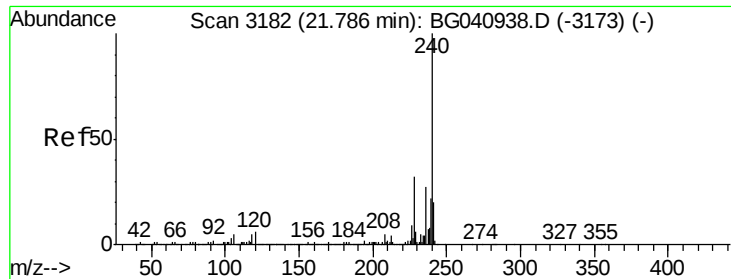
#70
Pentachlorophenol
Concen: 4.286 ng
RT: 17.19 min Scan# 2399
Delta R.T. 0.06 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion:266 Resp: 70
Ion Ratio Lower Upper
266 100
268 0.0 53.1 79.7#
264 0.0 49.9 74.9#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

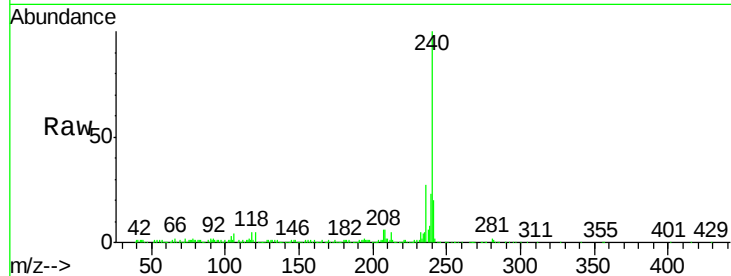
Tot Ion:240 Resp: 292246

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

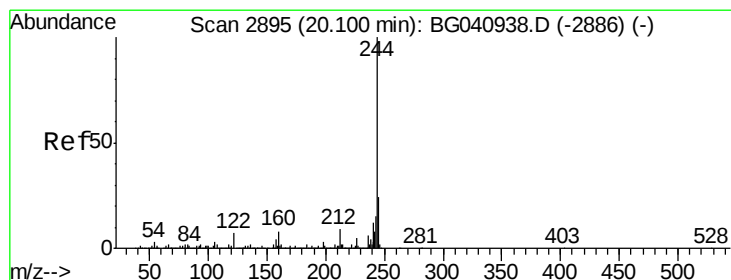
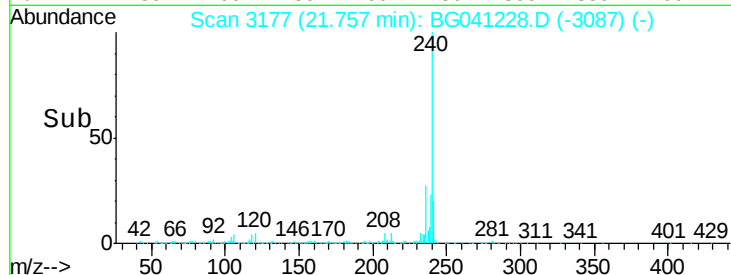
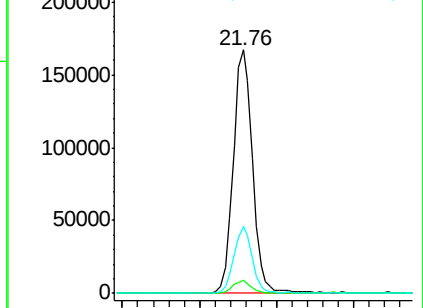
236 27.5 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 74.913 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

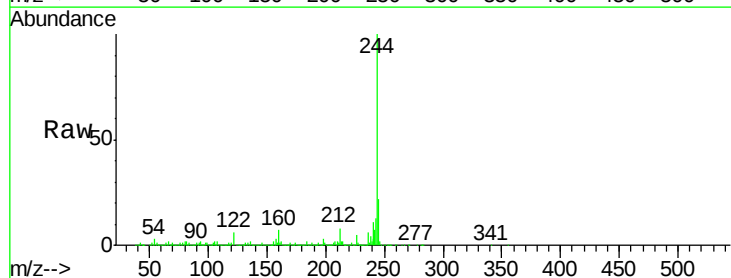
Tgt Ion:244 Resp: 1031553

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

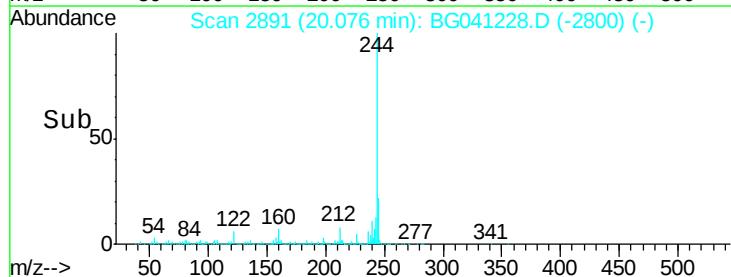
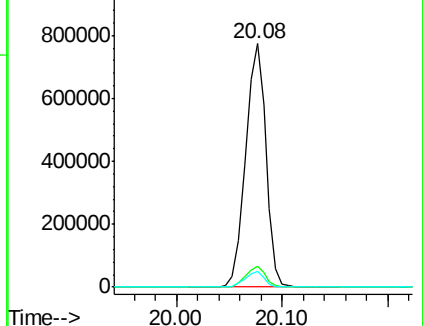
122 6.2 5.4 8.0

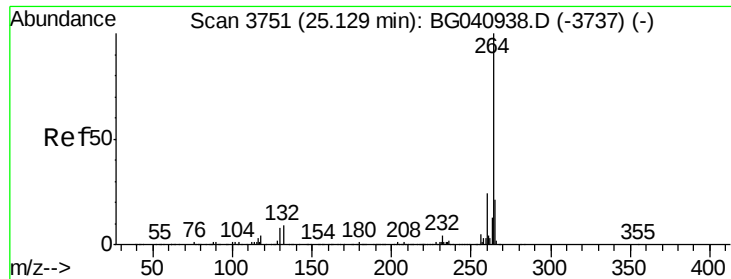


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BG041228.D
 Acq: 13 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	287981
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.7	17.0	25.4

