

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041219.D
 Acq On : 12 Jun 2019 23:18
 Operator : HP/JU
 Sample : K3299-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-658

Quant Time: Jun 13 05:38:54 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	8.11	152	39126	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	159492	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	117958	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	285944	20.00	ng	0.00
76) Chrysene-d12	21.75	240	286228	20.00	ng	0.00
87) Perylene-d12	25.09	264	305766	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	80787	37.23	ng	0.00
7) Phenol-d6	7.25	99	71853	21.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	291231	81.06	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	143933	82.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	628160	76.69	ng	0.00
79) Terphenyl-d14	20.07	244	1040784	77.17	ng	0.00

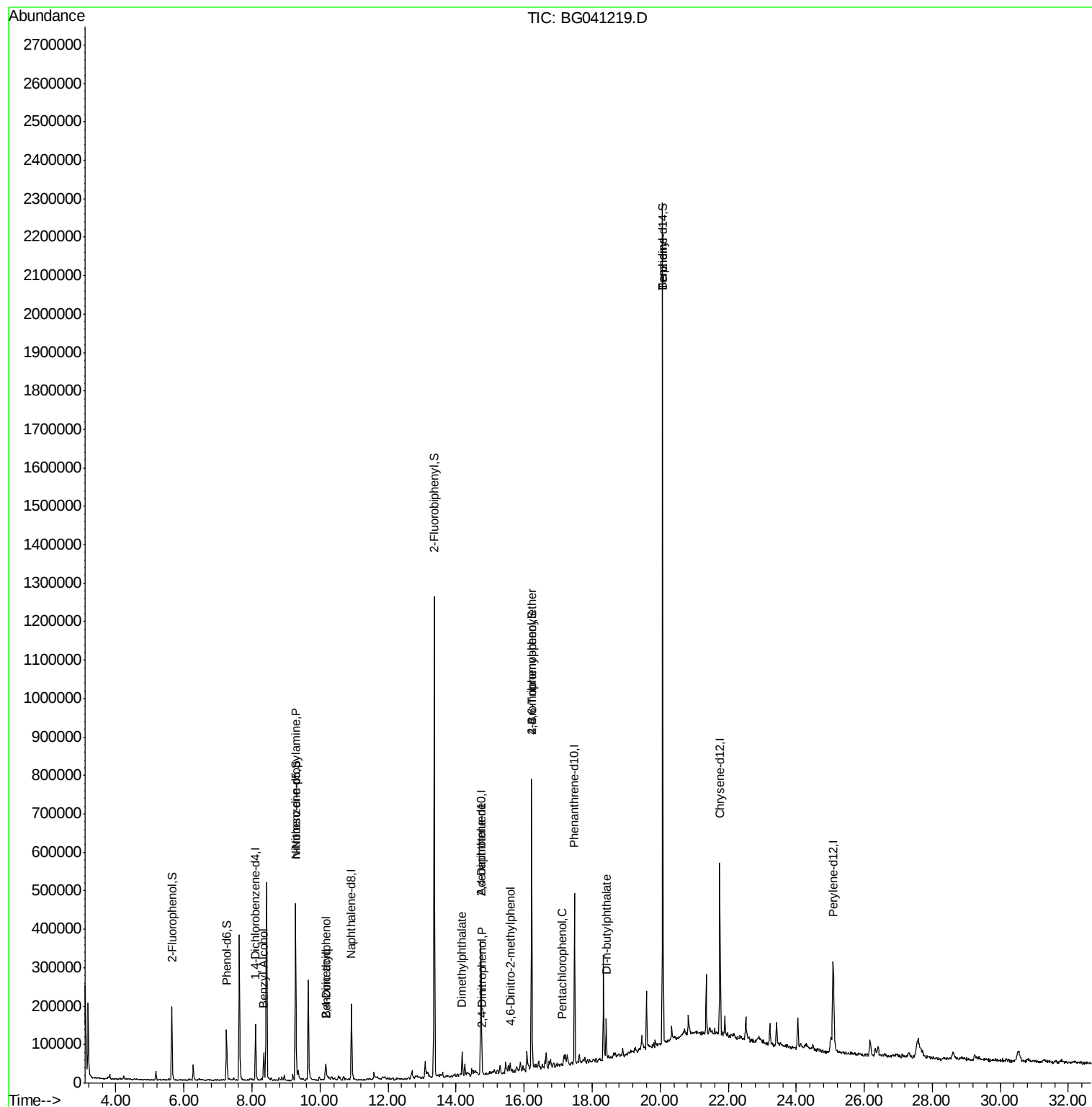
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.35	79	28564	9.215	ng	94
19) n-Nitroso-di-n-propylamine	9.28	70	42304	16.405	ng	# 75
27) 2,4-Dimethylphenol	10.17	122	17666	7.087	ng	# 1
32) Benzoic acid	10.17	122	17666	15.700	ng	96
50) Dimethylphthalate	14.18	163	38454	3.851	ng	99
54) 2,4-Dinitrophenol	14.78	184	63	8.321	ng	# 42
57) 2,4-Dinitrotoluene	14.73	165	14877	4.892	ng	# 24
65) 4,6-Dinitro-2-methylphenol	15.61	198	116	8.652	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	10076	2.611	ng	# 1
70) Pentachlorophenol	17.12	266	68	4.285	ng	# 18
74) Di-n-butylphthalate	18.42	149	71328	4.553	ng	97
77) Benzidine	20.07	184	17174	2.515	ng	# 89

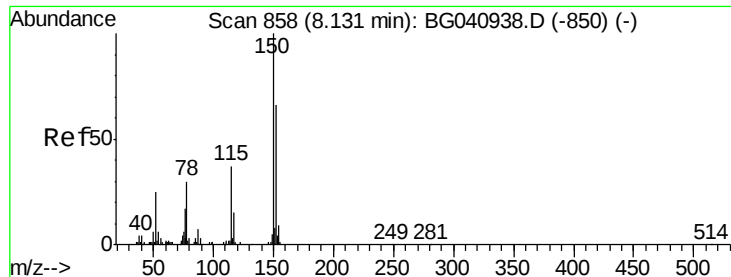
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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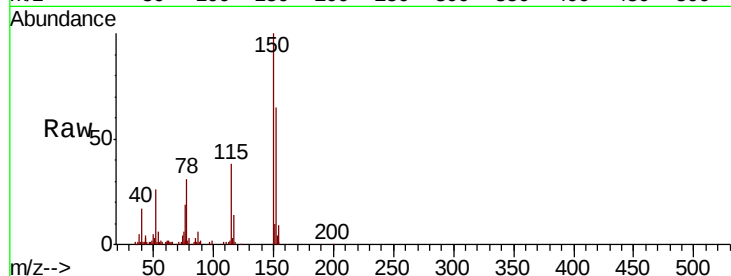


#1

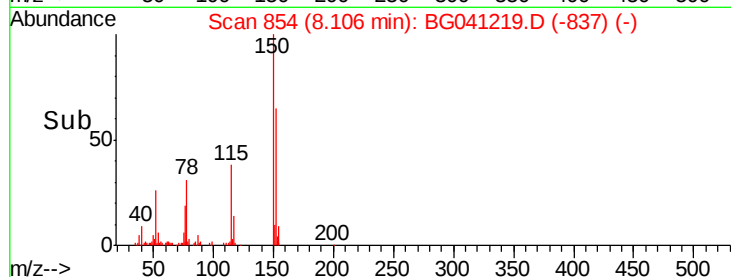
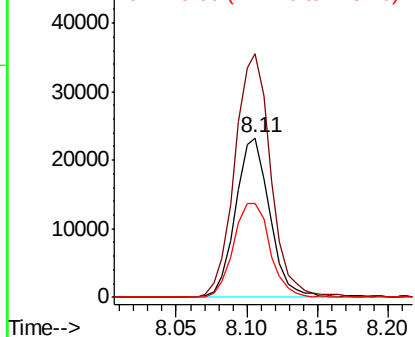
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

Instrument :
BNA_G
ClientSampleId :
TI-658

Tgt Ion:152 Resp: 39126
Ion Ratio Lower Upper
152 100
150 153.0 120.6 180.8
115 58.8 45.1 67.7



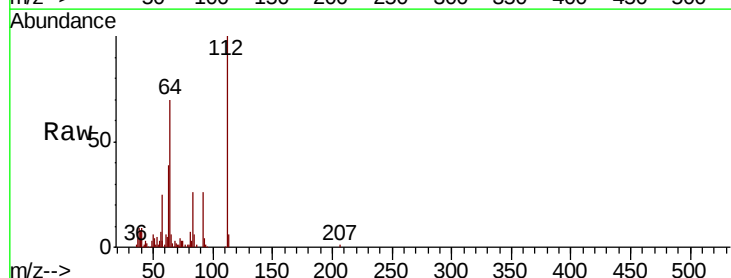
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



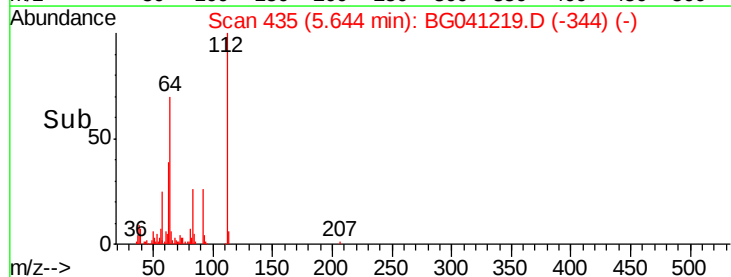
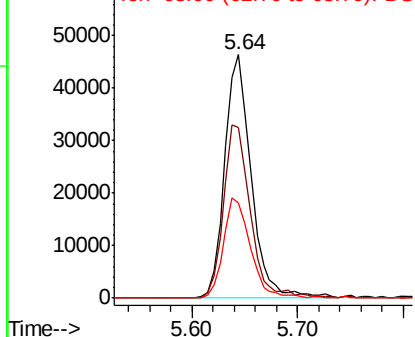
#5

2-Fluorophenol
Concen: 37.233 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

Tgt Ion:112 Resp: 80787
Ion Ratio Lower Upper
112 100
64 70.2 56.2 84.2
63 39.1 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 21.442 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

ClientSampleId :

TI-658

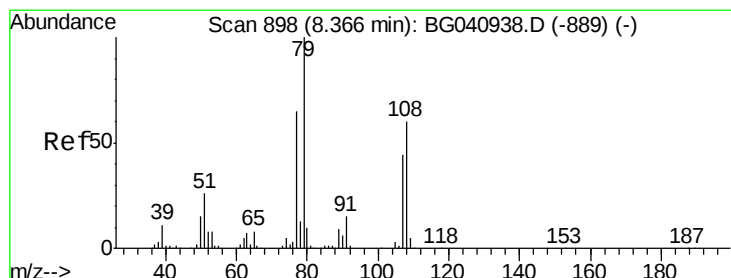
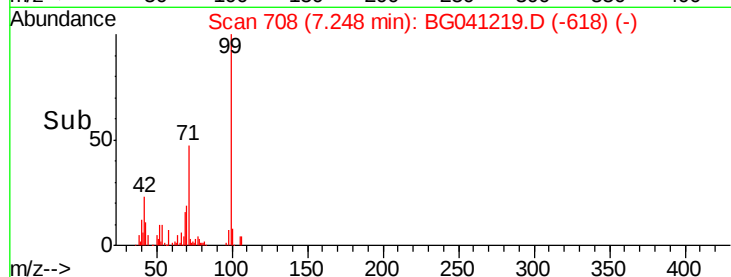
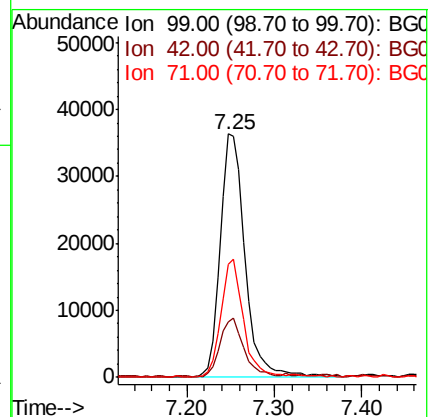
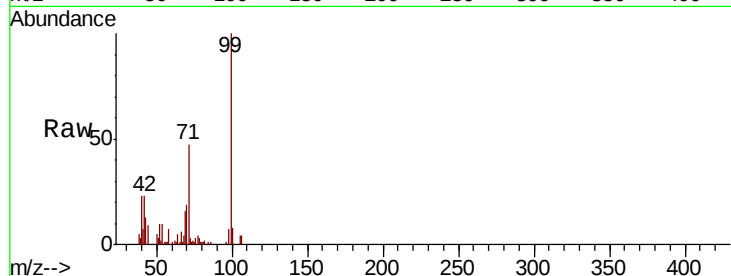
Tgt Ion: 99 Resp: 71853

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 46.7 35.4 53.0



#15

Benzyl Alcohol

Concen: 9.215 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

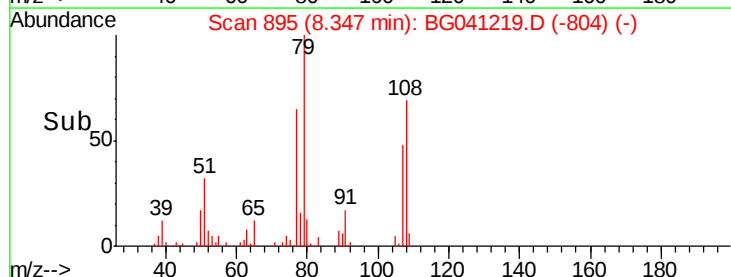
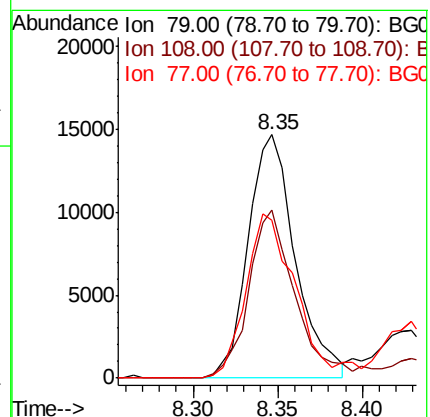
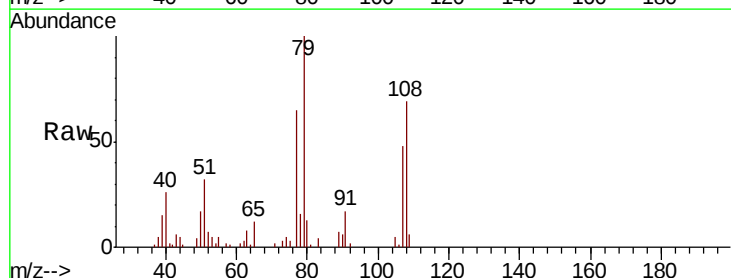
Tgt Ion: 79 Resp: 28564

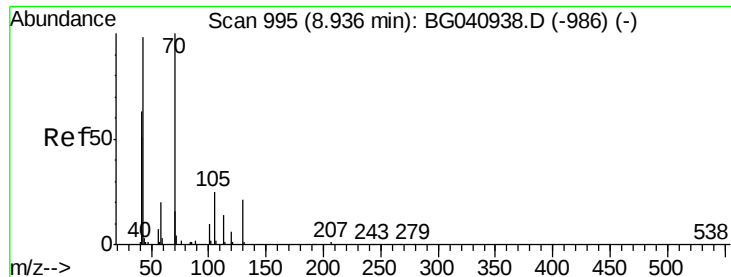
Ion Ratio Lower Upper

79 100

108 69.0 48.3 72.5

77 65.0 52.3 78.5

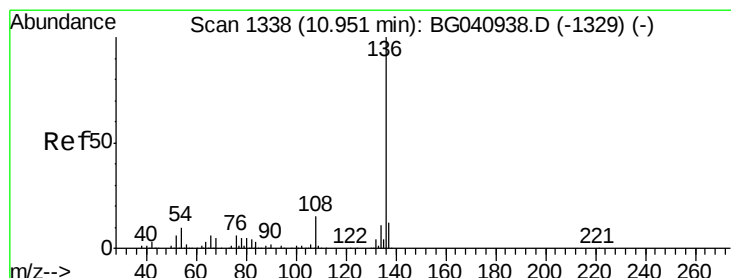
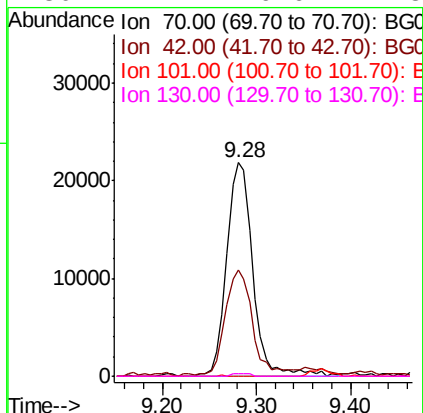
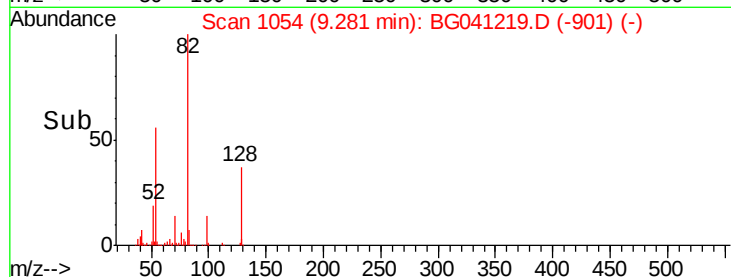
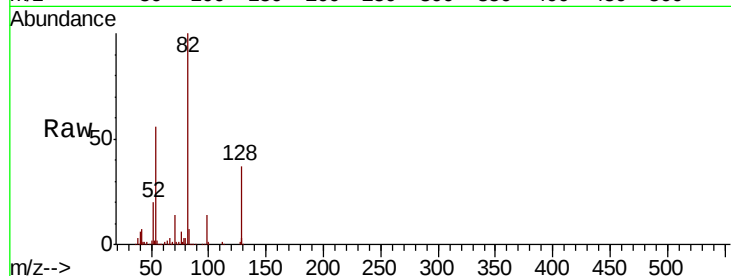




#19
n-Nitroso-di-n-propylamine
Concen: 16.405 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

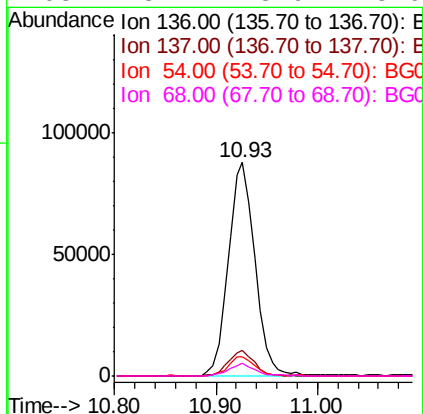
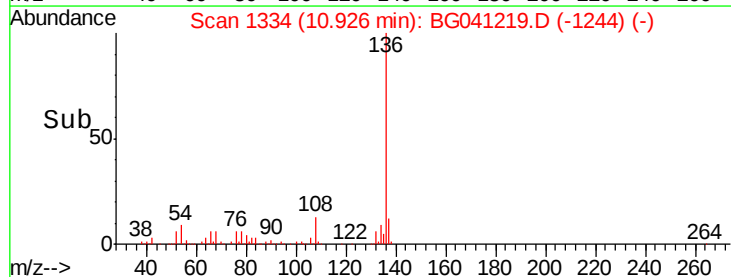
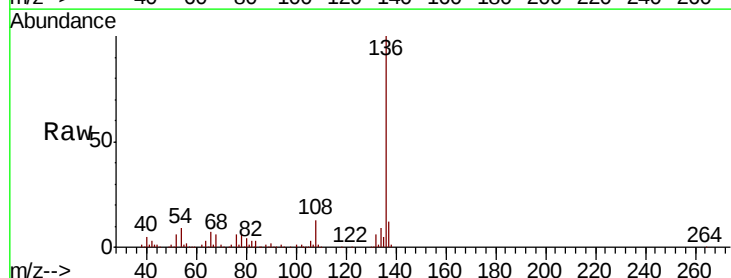
Instrument :
BNA_G
ClientSampleId :
TI-658

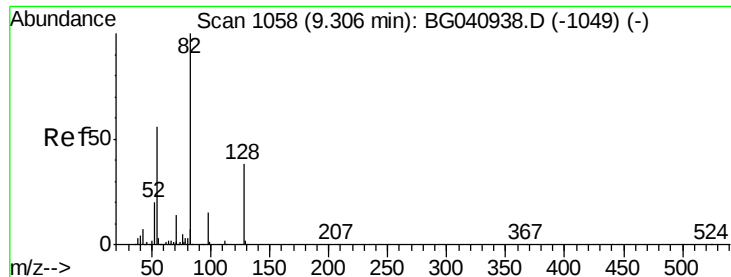
Tgt Ion: 70 Resp: 42304
Ion Ratio Lower Upper
70 100
42 49.6 51.5 77.3#
101 0.0 8.1 12.1#
130 1.1 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

Tgt Ion: 136 Resp: 159492
Ion Ratio Lower Upper
136 100
137 11.9 9.5 14.3
54 9.1 7.6 11.4
68 5.7 3.9 5.9

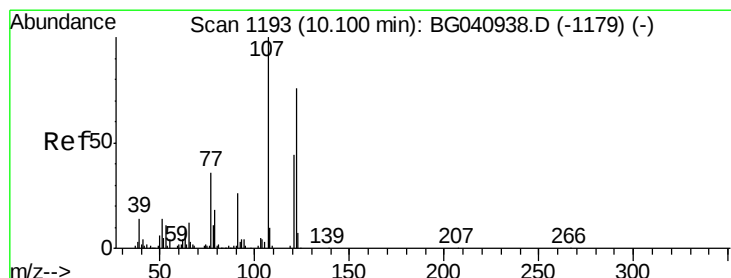
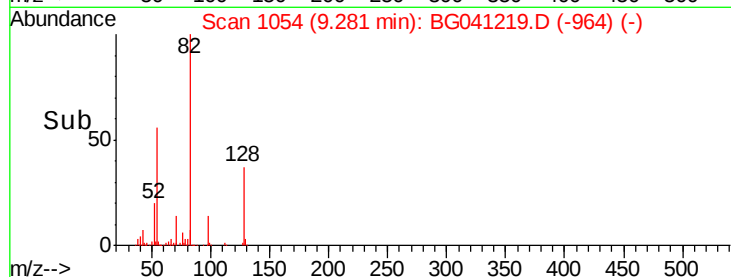
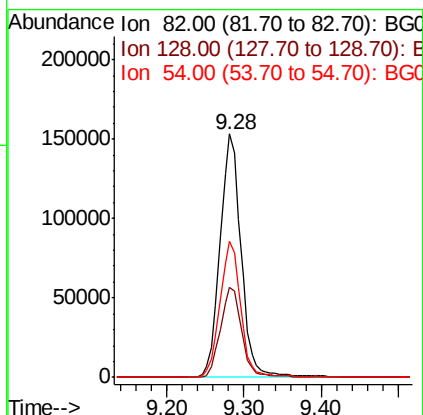
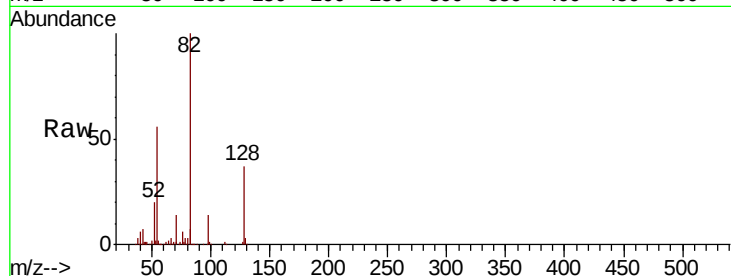




#23
 Nitrobenzene-d5
 Concen: 81.062 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

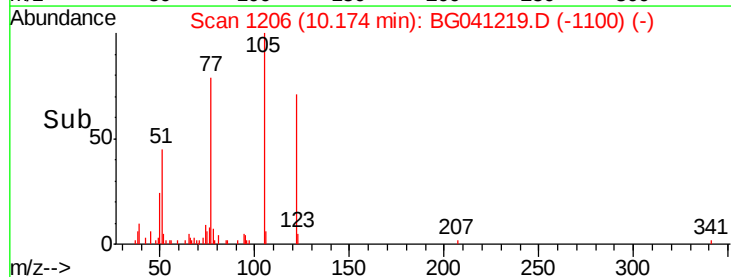
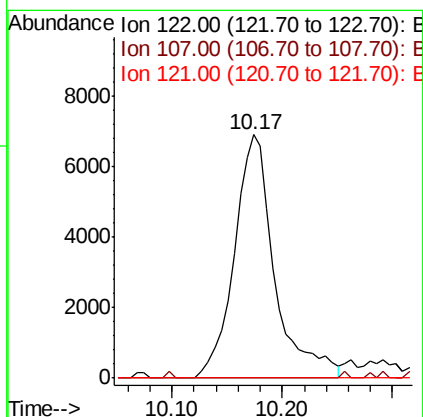
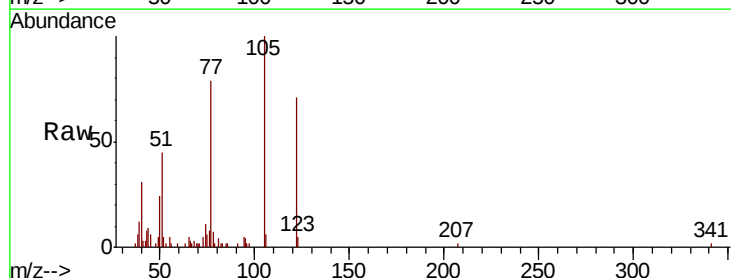
Instrument :
 BNA_G
 ClientSampleId :
 TI-658

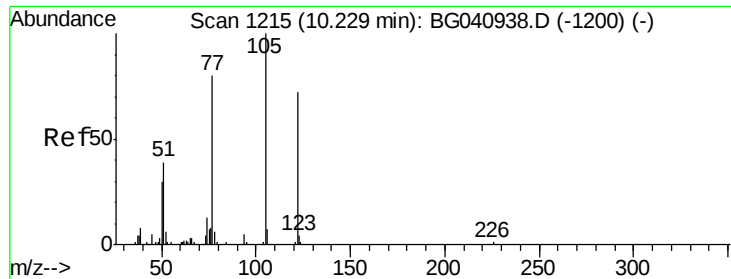
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.5	45.7
54	56.1	44.6	66.8



#27
 2,4-Dimethylphenol
 Concen: 7.087 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. 0.09 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	105.9	158.9#
121	0.0	46.2	69.4#

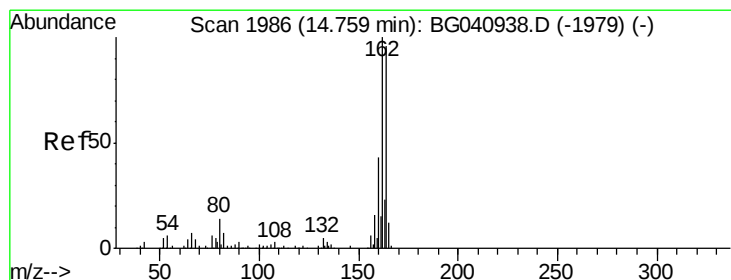
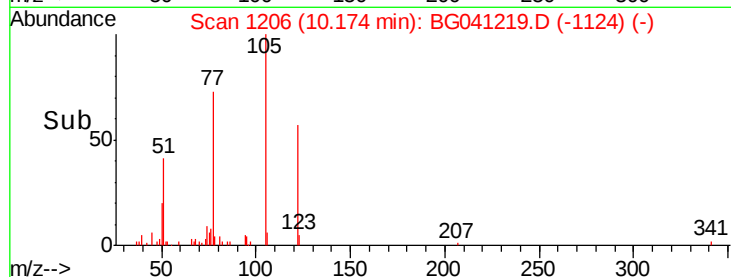
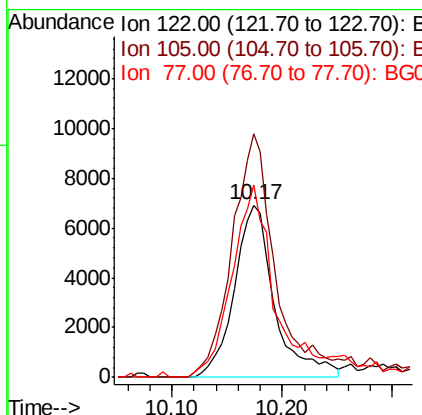
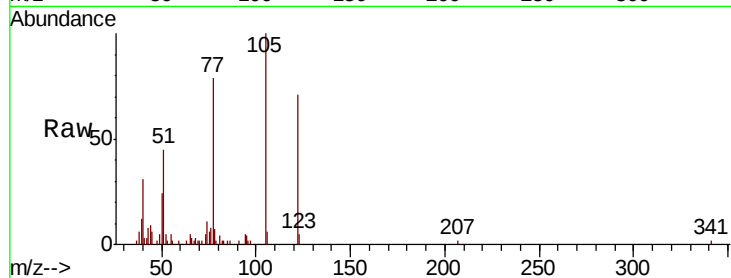




#32
Benzoic acid
Concen: 15.700 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.05 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

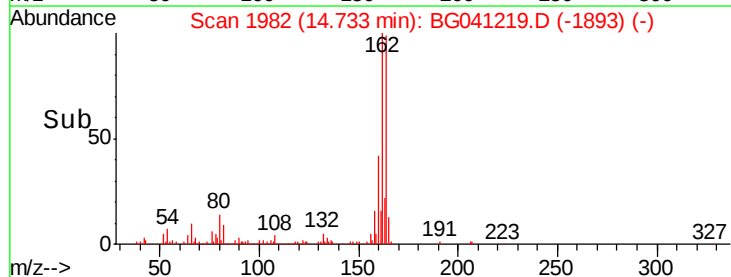
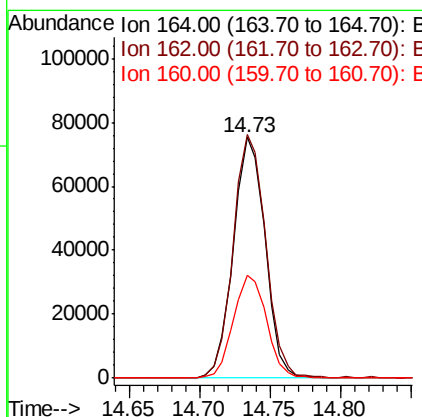
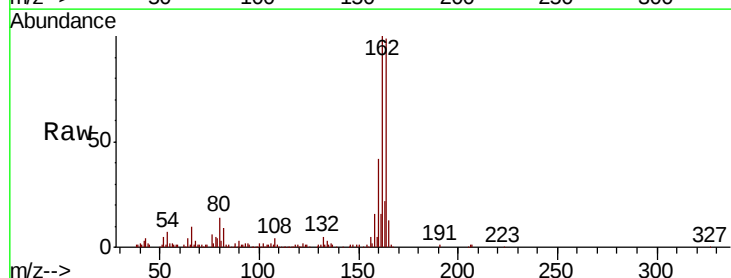
Instrument :
BNA_G
ClientSampleId :
TI-658

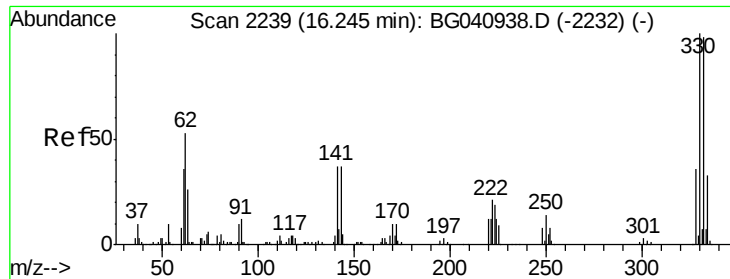
Tgt Ion:122 Resp: 17666
Ion Ratio Lower Upper
122 100
105 141.4 114.8 154.8
77 111.7 89.9 129.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

Tgt Ion:164 Resp: 117958
Ion Ratio Lower Upper
164 100
162 101.2 83.0 124.4
160 42.6 35.6 53.4

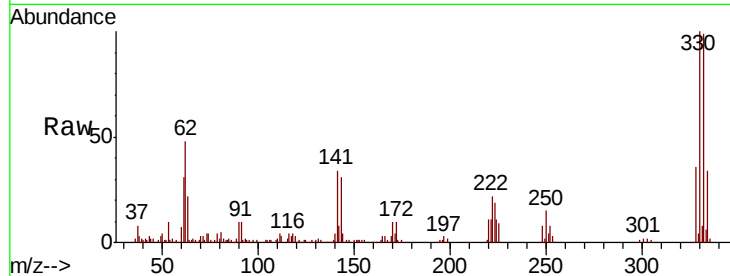




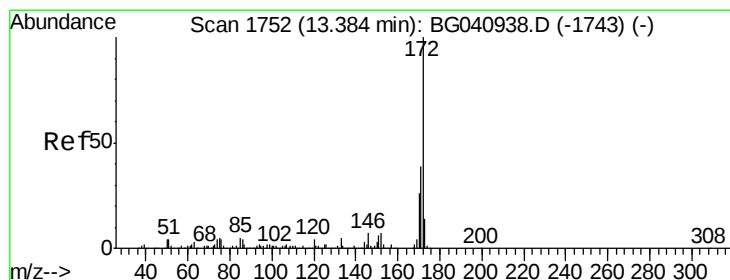
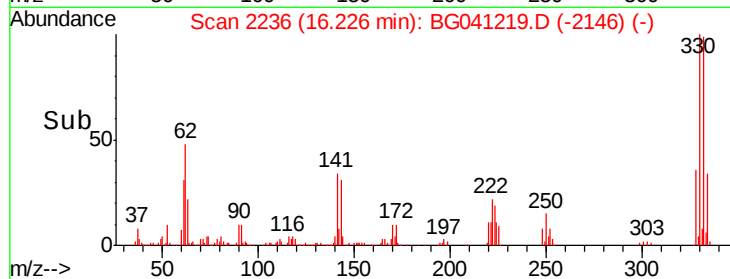
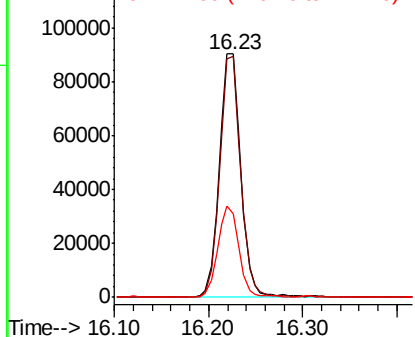
#42
 2,4,6-Tribromophenol
 Concen: 82.193 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

Instrument :
 BNA_G
 ClientSampleId :
 TI-658

Tgt Ion:330 Resp: 143933
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.5 117.7
 141 36.9 28.7 43.1

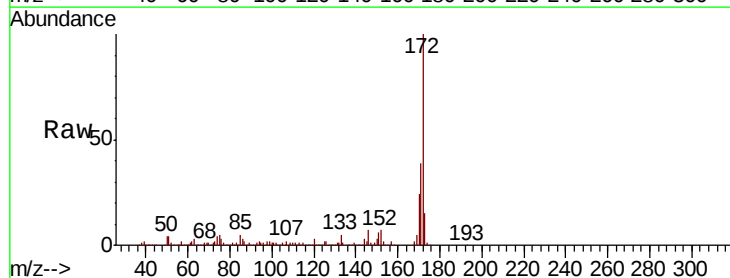


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

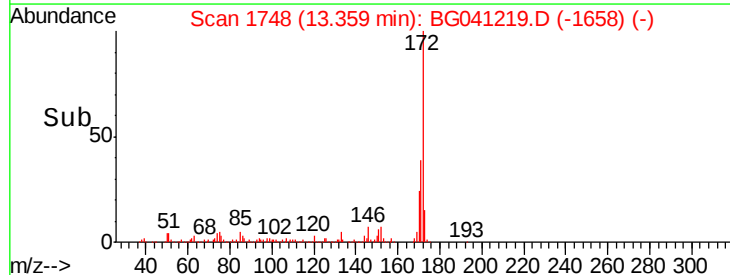
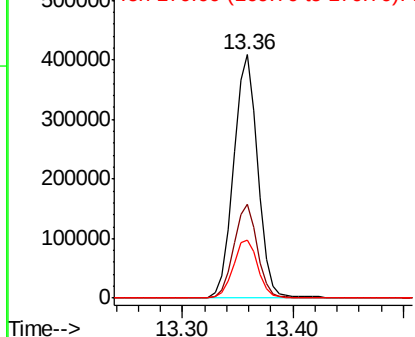


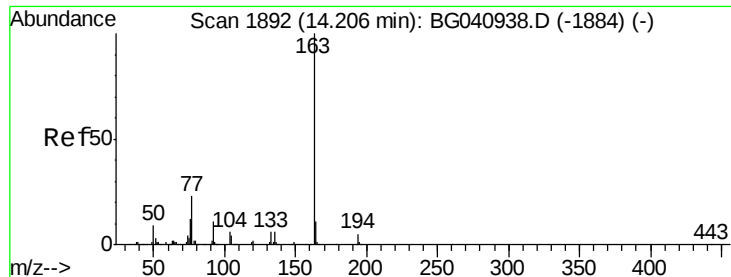
#45
 2-Fluorobiphenyl
 Concen: 76.690 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

Tgt Ion:172 Resp: 628160
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.1 46.7
 170 23.9 20.5 30.7



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





#50

Dimethylphthalate

Concen: 3.851 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

ClientSampleId :

TI-658

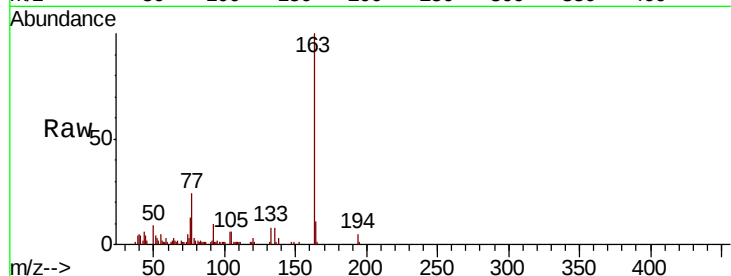
Tgt Ion:163 Resp: 38454

Ion Ratio Lower Upper

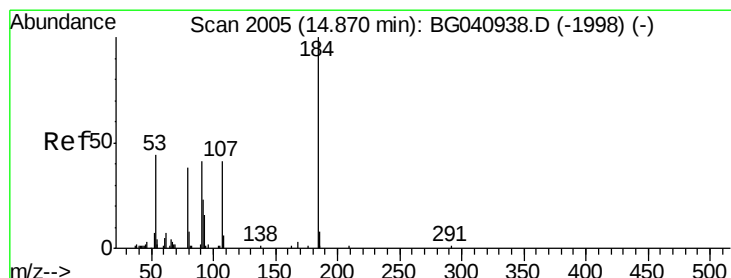
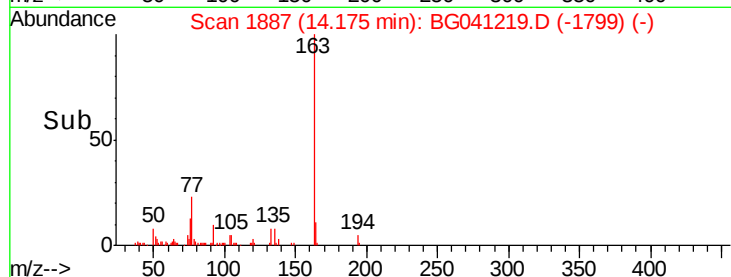
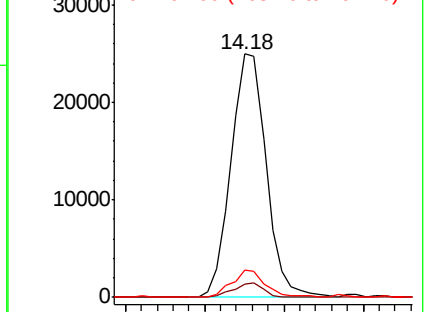
163 100

194 5.4 3.8 5.8

164 11.1 8.7 13.1



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



#54

2,4-Dinitrophenol

Concen: 8.321 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.08 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

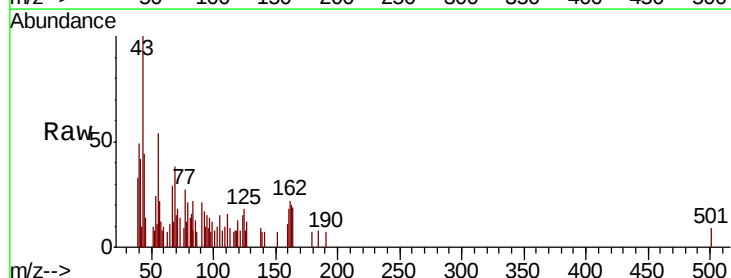
Tgt Ion:184 Resp: 63

Ion Ratio Lower Upper

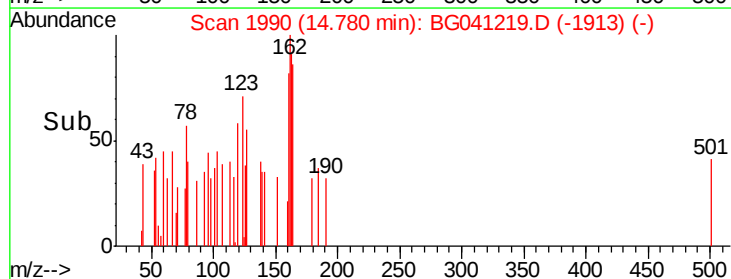
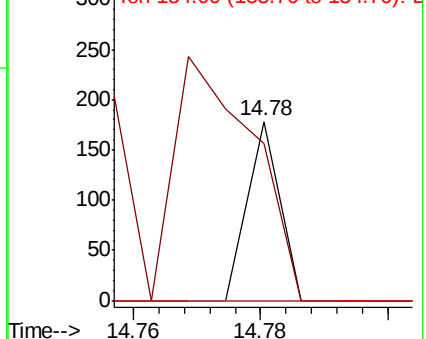
184 100

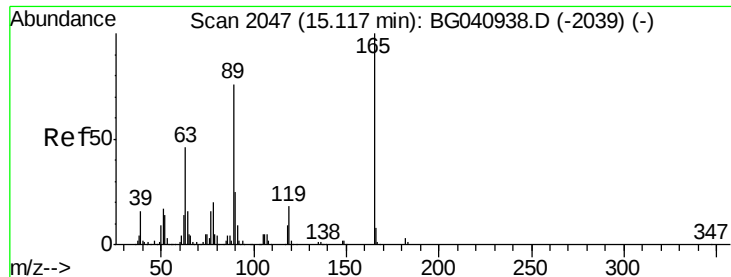
63 87.6 49.8 74.6#

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

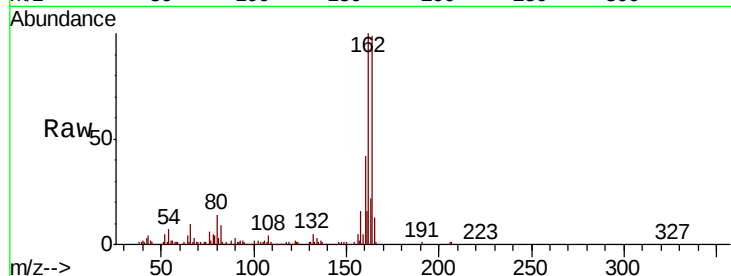




#57
 2,4-Dinitrotoluene
 Concen: 4.892 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.36 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

Instrument :
 BNA_G
 ClientSampleId :
 TI-658

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	37.3	55.9#
89	3.5	61.0	91.6#
182	0.0	2.2	3.2#

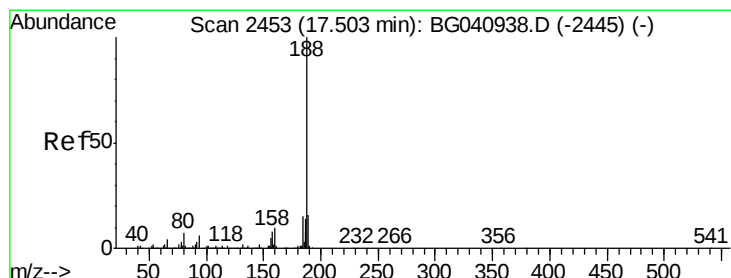
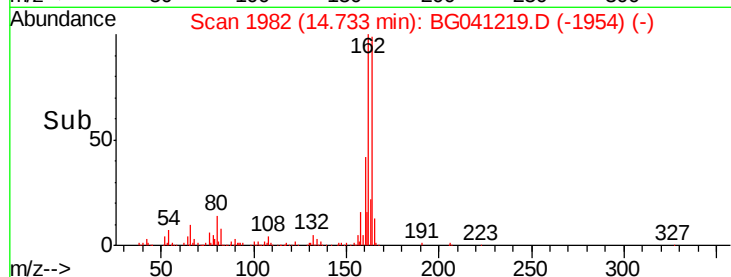
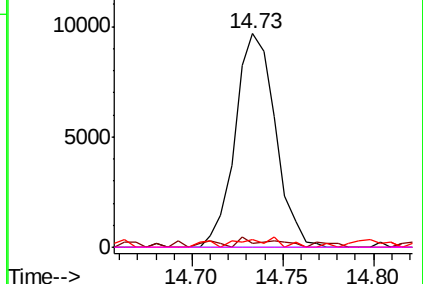


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

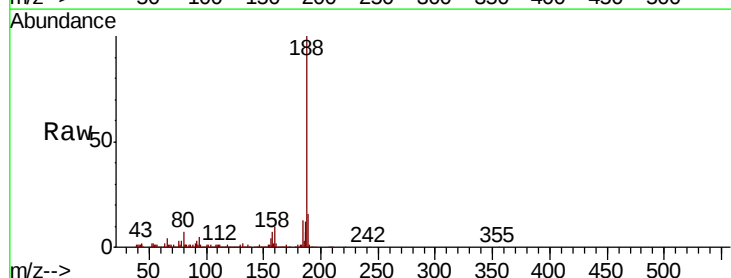
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

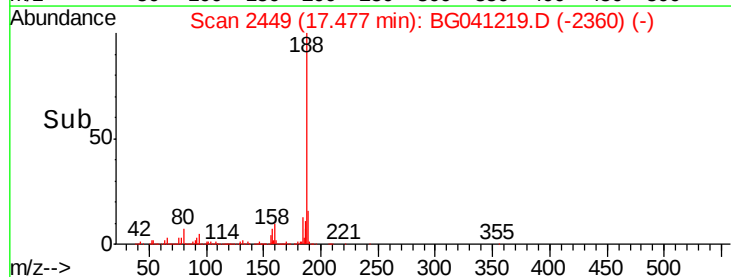
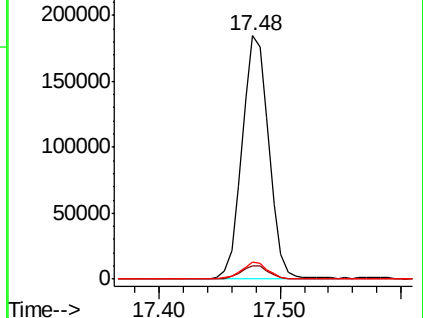
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.7	7.1
80	7.0	5.8	8.8

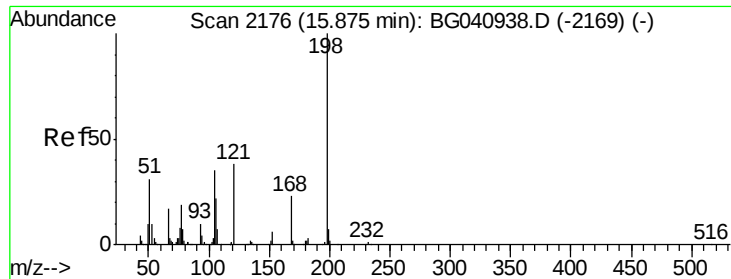


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

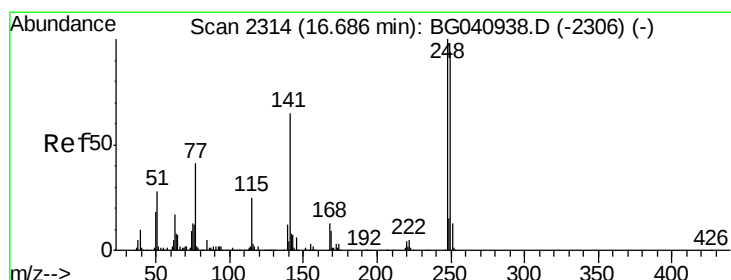
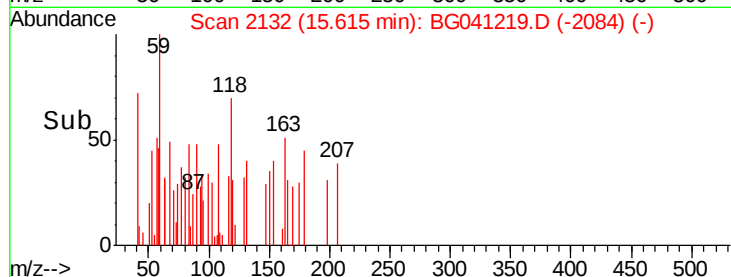
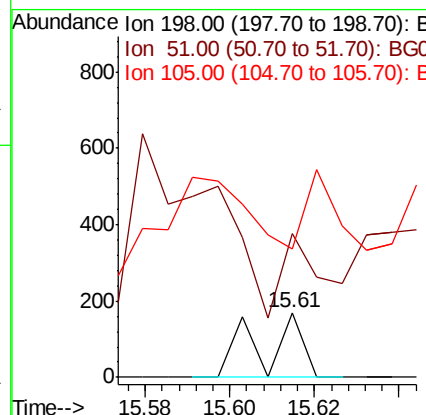
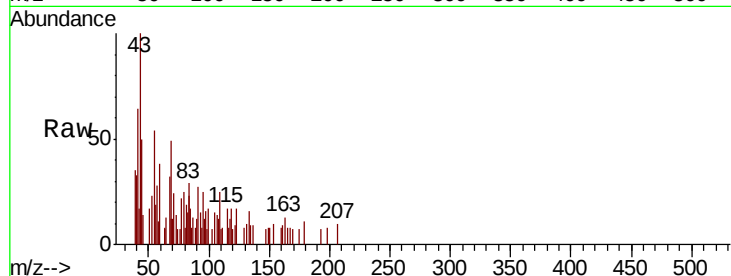




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.652 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.25 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

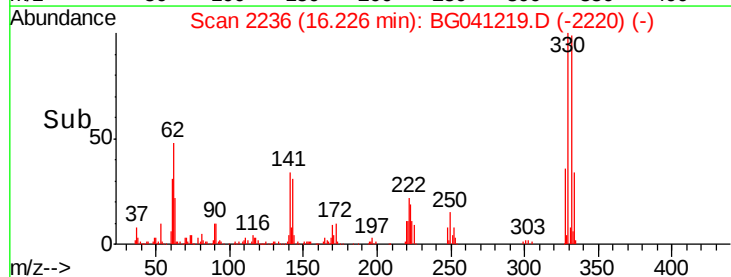
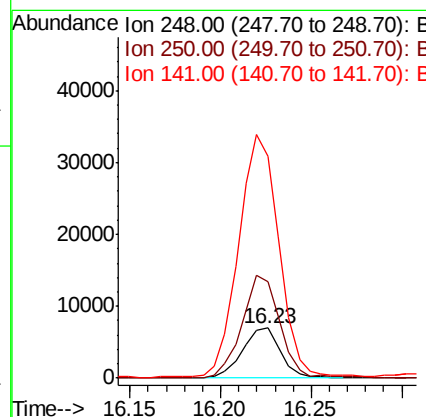
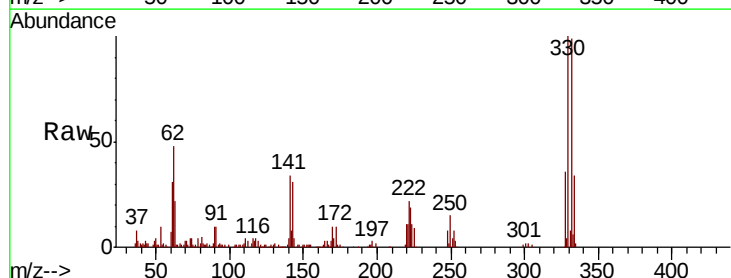
Instrument :
 BNA_G
 ClientSampleId :
 TI-658

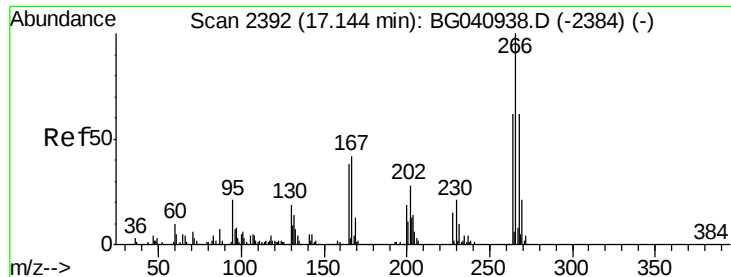
Tgt Ion:198 Resp: 116
 Ion Ratio Lower Upper
 198 100
 51 222.4 21.6 61.6#
 105 198.2 17.5 57.5#



#67
 4-Bromophenyl-phenylether
 Concen: 2.611 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. -0.43 min
 Lab File: BG041219.D
 Acq: 12 Jun 2019 23:18

Tgt Ion:248 Resp: 10076
 Ion Ratio Lower Upper
 248 100
 250 193.2 75.0 112.4#
 141 444.9 52.4 78.6#





#70

Pentachlorophenol

Concen: 4.285 ng

RT: 17.12 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

ClientSampleId :

TI-658

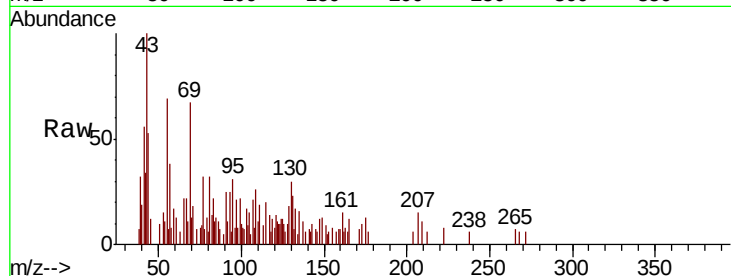
Tgt Ion:266 Resp: 68

Ion Ratio Lower Upper

266 100

268 0.0 53.1 79.7#

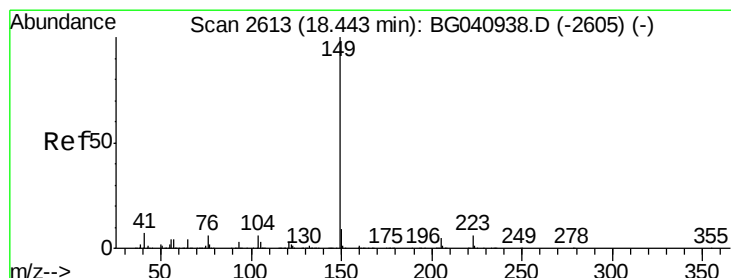
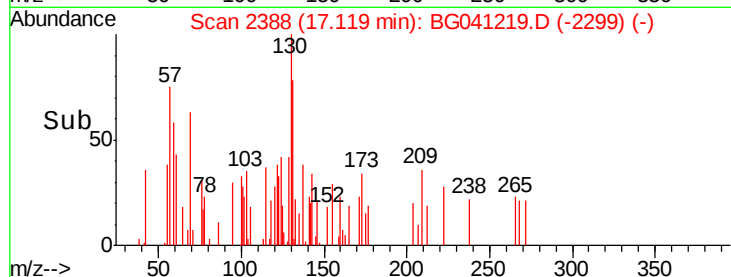
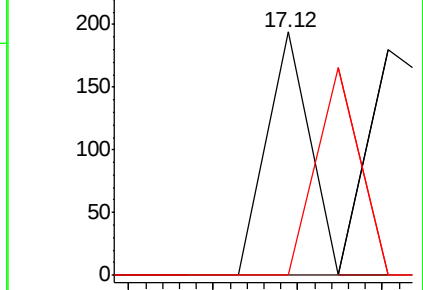
264 0.0 49.9 74.9#



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



#74

Di-n-butylphthalate

Concen: 4.553 ng

RT: 18.42 min Scan# 2609

Delta R.T. 0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

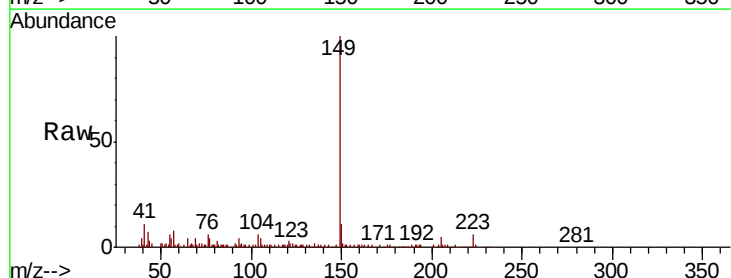
Tgt Ion:149 Resp: 71328

Ion Ratio Lower Upper

149 100

150 10.9 7.4 11.2

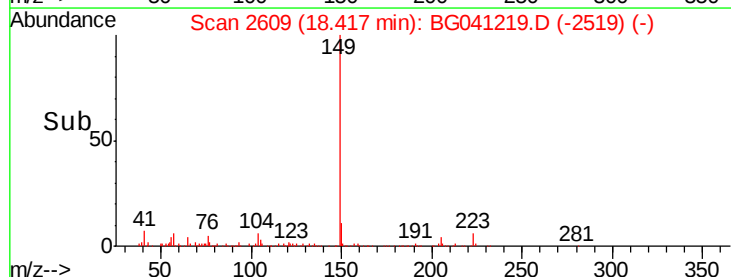
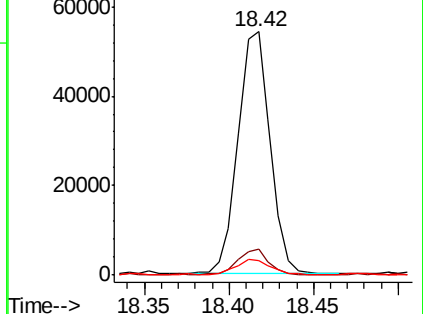
104 6.0 5.0 7.4

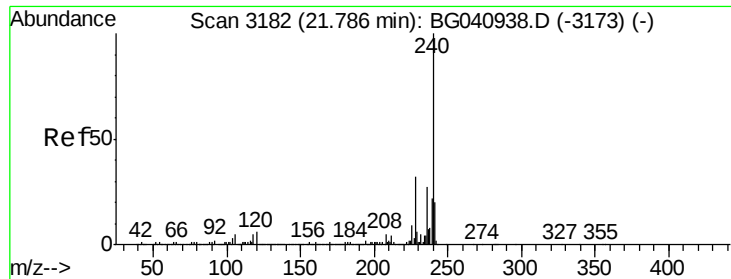


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

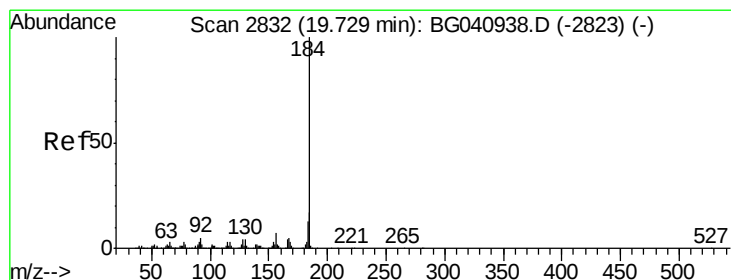
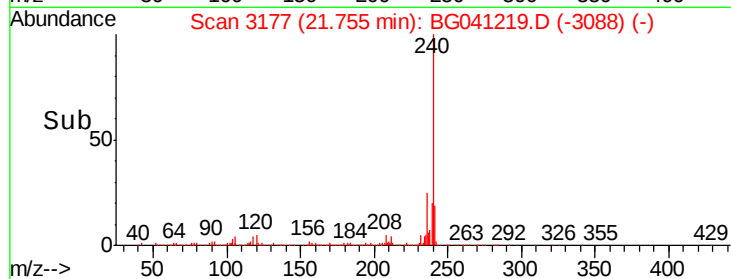
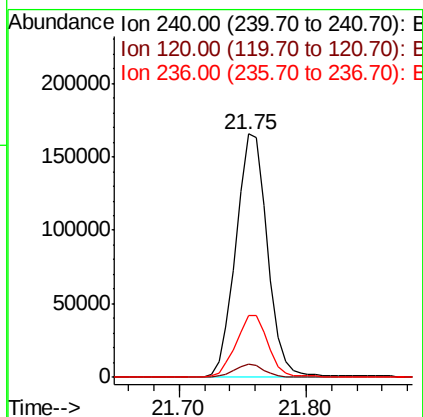
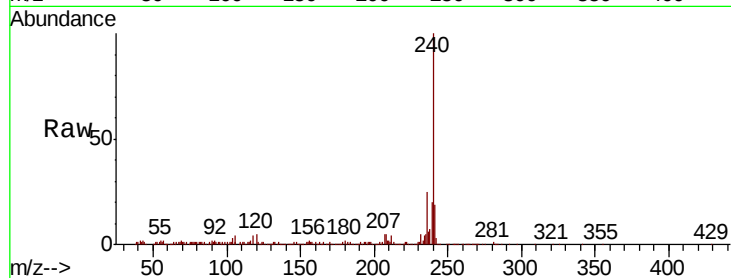




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

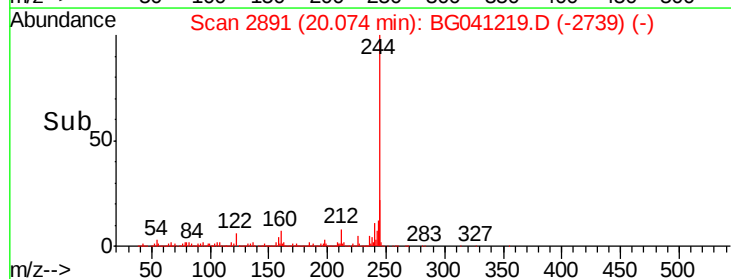
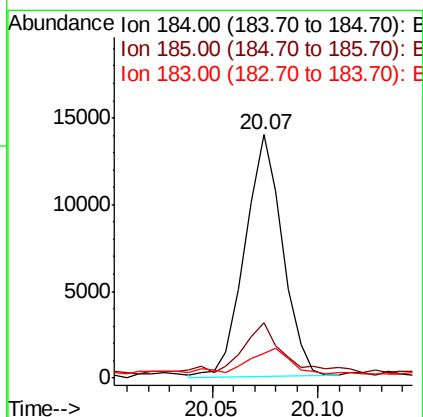
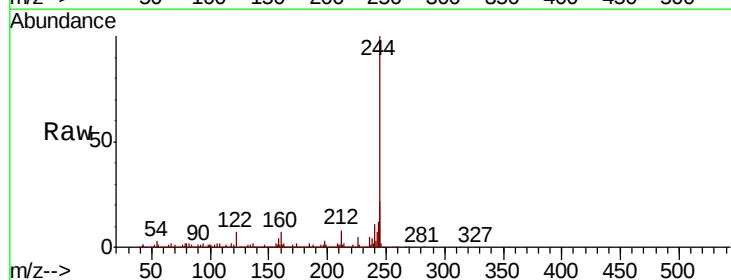
Instrument :
BNA_G
ClientSampleId :
TI-658

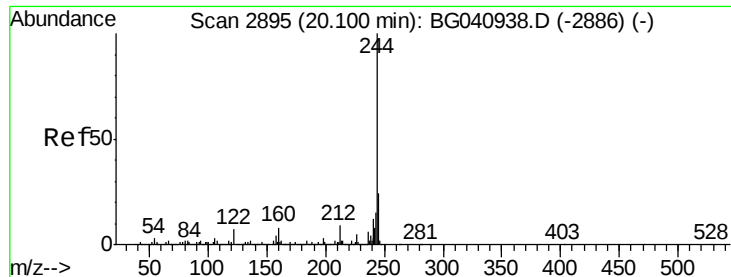
Tgt Ion:240 Resp: 286228
Ion Ratio Lower Upper
240 100
120 5.4 4.5 6.7
236 25.4 21.3 31.9



#77
Benzidine
Concen: 2.515 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041219.D
Acq: 12 Jun 2019 23:18

Tgt Ion:184 Resp: 17174
Ion Ratio Lower Upper
184 100
185 22.6 13.3 19.9#
183 10.4 10.7 16.1#





#79

Terphenyl-d14

Concen: 77.173 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

Instrument :

BNA_G

ClientSampleId :

TI-658

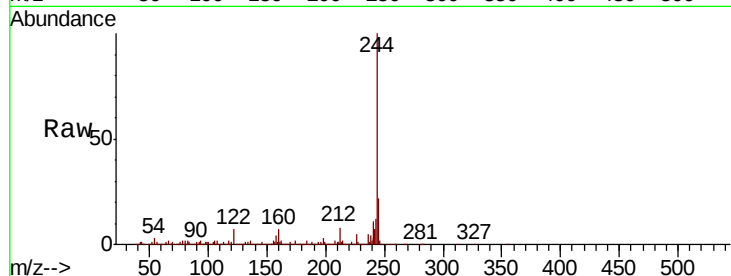
Tgt Ion:244 Resp: 1040784

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

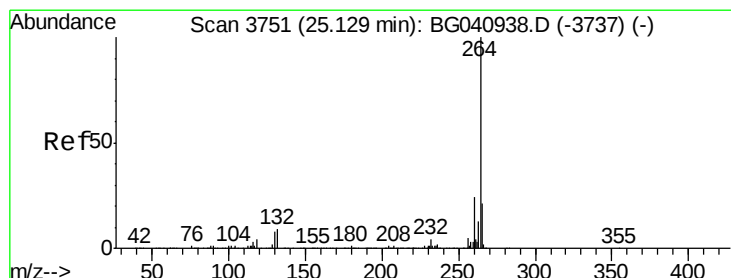
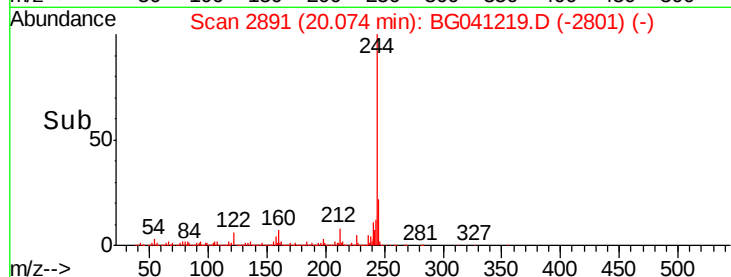
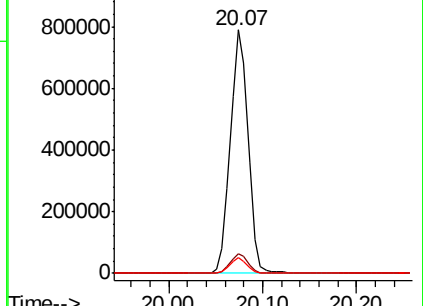
122 6.5 5.4 8.0



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

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041219.D

Acq: 12 Jun 2019 23:18

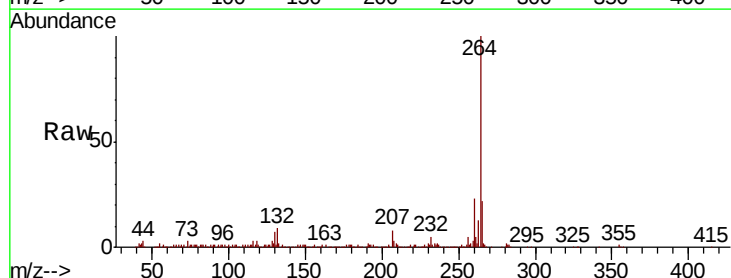
Tgt Ion:264 Resp: 305766

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.9 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

