

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041217.D
 Acq On : 12 Jun 2019 22:01
 Operator : HP/JU
 Sample : K3282-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 25082-2022

Quant Time: Jun 13 05:38:27 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

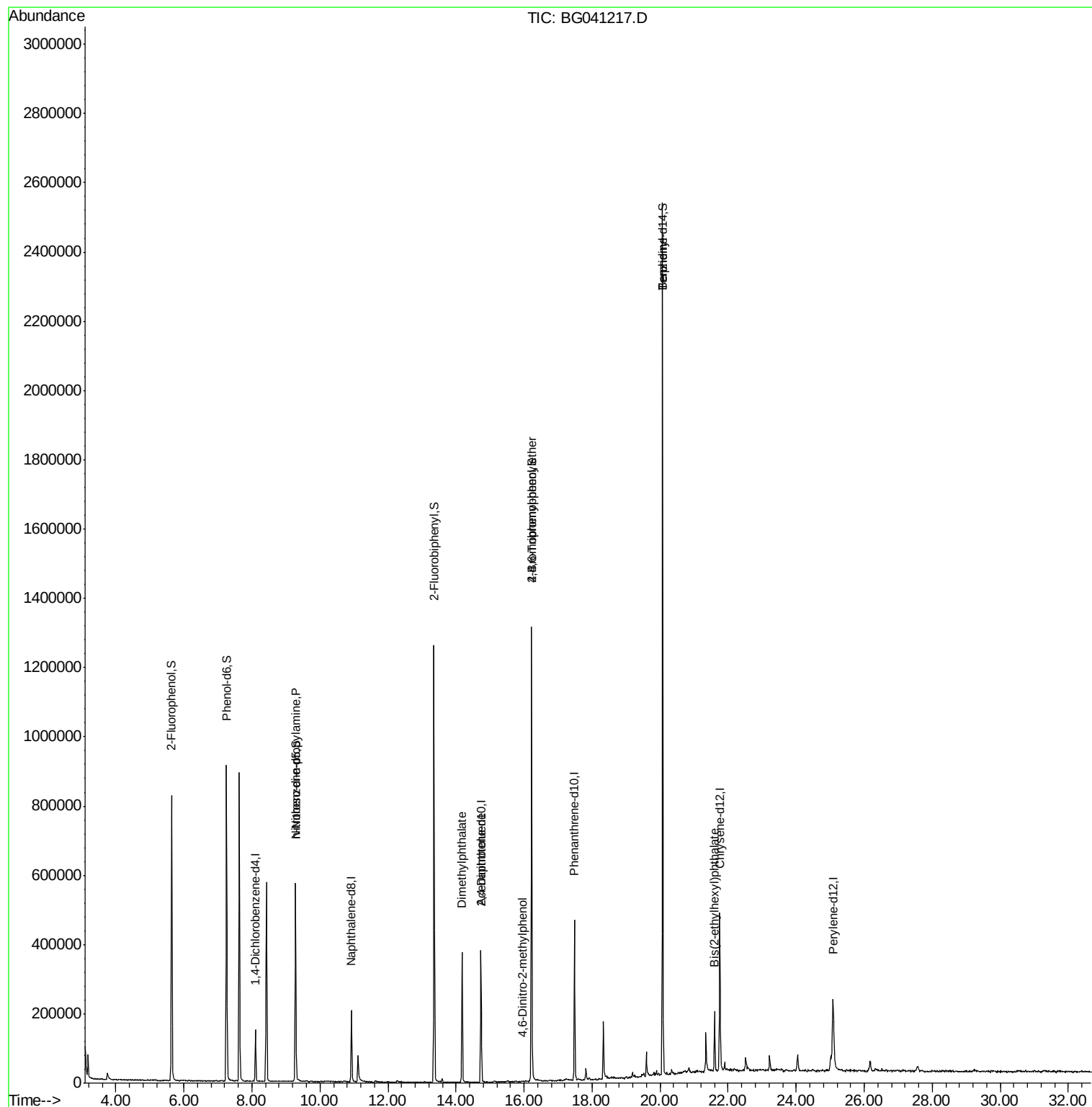
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	39130	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	171771	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	129636	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	297263	20.00	ng	0.00
76) Chrysene-d12	21.76	240	291182	20.00	ng	0.00
87) Perylene-d12	25.08	264	294168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	322044	148.41	ng	0.00
7) Phenol-d6	7.25	99	484207	144.48	ng	0.00
23) Nitrobenzene-d5	9.28	82	344910	89.14	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	249778	129.79	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	663706	73.73	ng	0.00
79) Terphenyl-d14	20.08	244	1155923	84.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	48783	18.915	ng	# 78
50) Dimethylphthalate	14.18	163	248150	22.613	ng	100
57) 2,4-Dinitrotoluene	14.73	165	17100	5.116	ng	# 22
65) 4,6-Dinitro-2-methylphenol	15.95	198	57	8.619	ng	# 36
67) 4-Bromophenyl-phenylether	16.23	248	18527	4.618	ng	# 1
77) Benzidine	20.08	184	18898	2.721	ng	# 94
84) Bis(2-ethylhexyl)phthalate	21.60	149	70039	6.754	ng	99

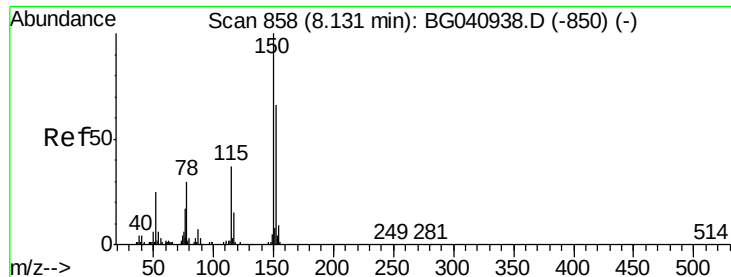
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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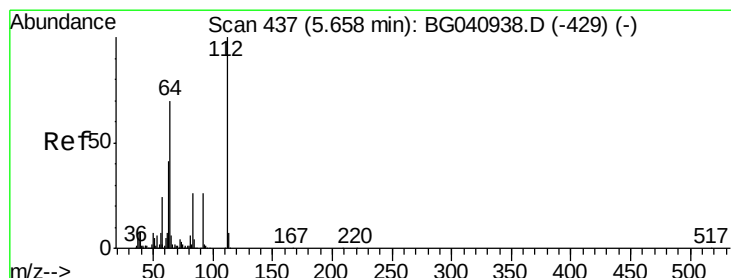
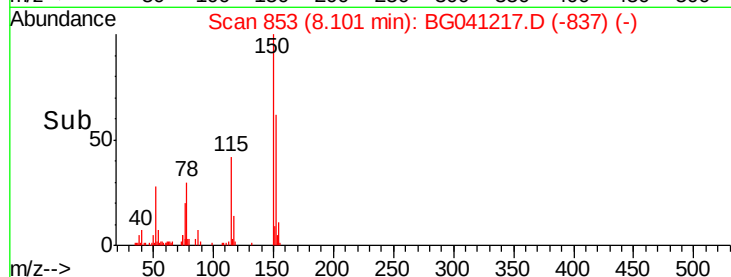
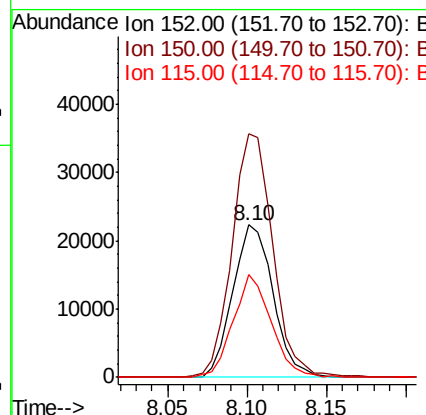
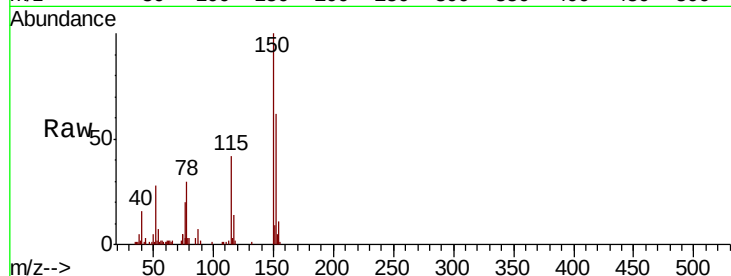


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

Instrument :
BNA_G
ClientSampleId :
25082-2022

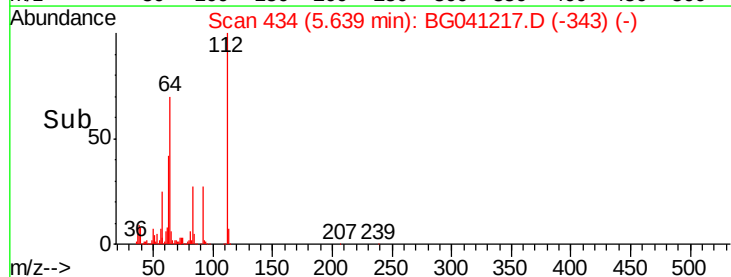
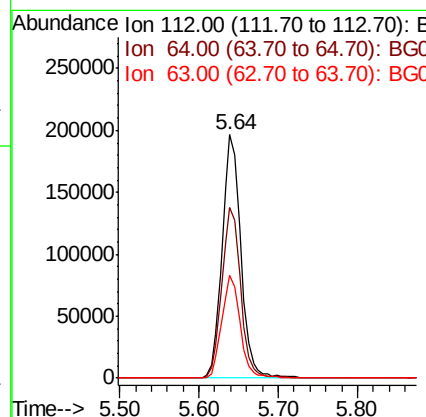
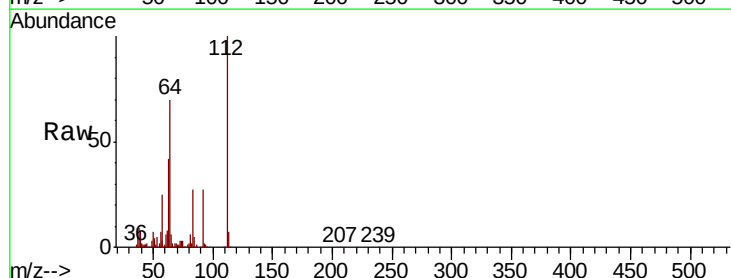
Tgt Ion:152 Resp: 39130
Ion Ratio Lower Upper
152 100
150 160.1 120.6 180.8
115 67.6 45.1 67.7

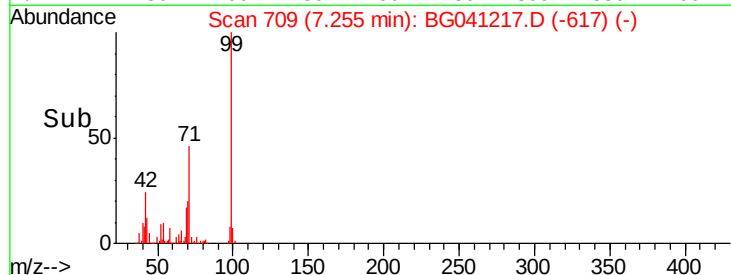
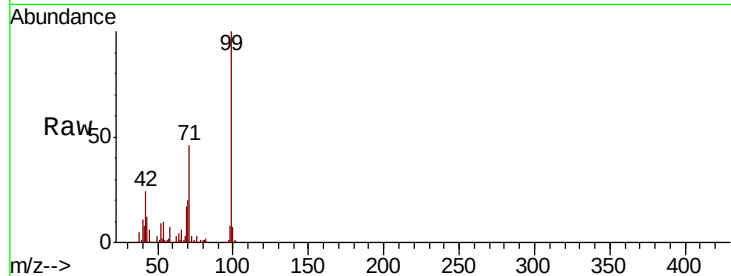
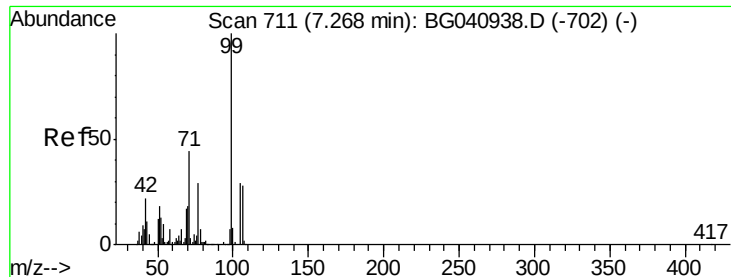


#5

2-Fluorophenol
Concen: 148.406 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

Tgt Ion:112 Resp: 322044
Ion Ratio Lower Upper
112 100
64 69.9 56.2 84.2
63 42.4 32.8 49.2





#7

Phenol-d6

Concen: 144.481 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

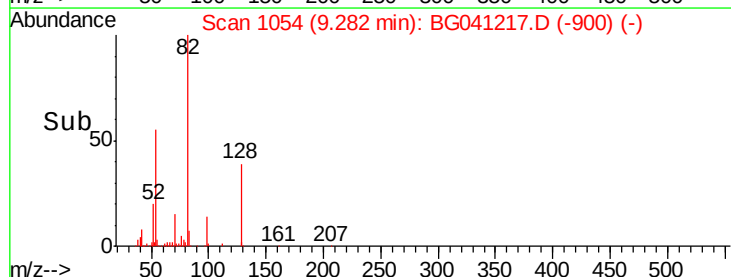
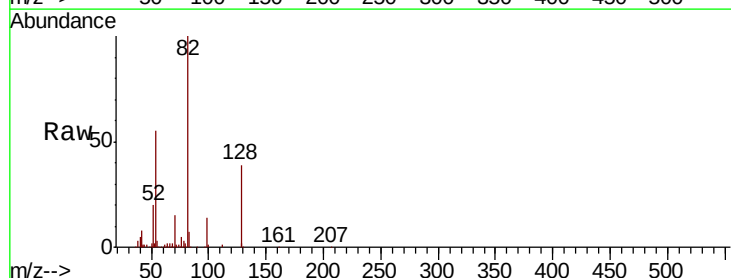
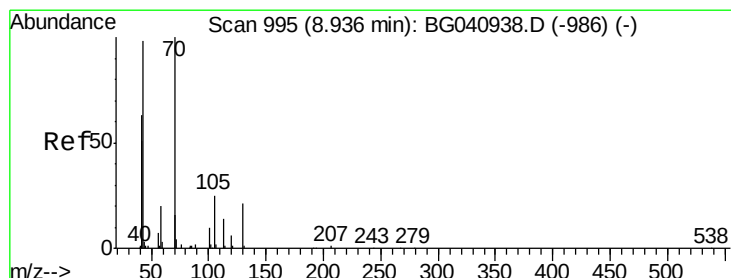
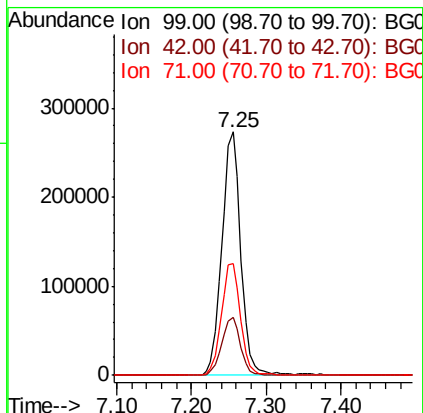
Tgt Ion: 99 Resp: 484207

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

71 46.1 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.915 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.37 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Tgt Ion: 70 Resp: 48783

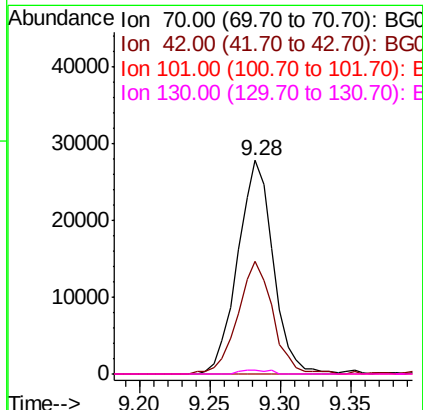
Ion Ratio Lower Upper

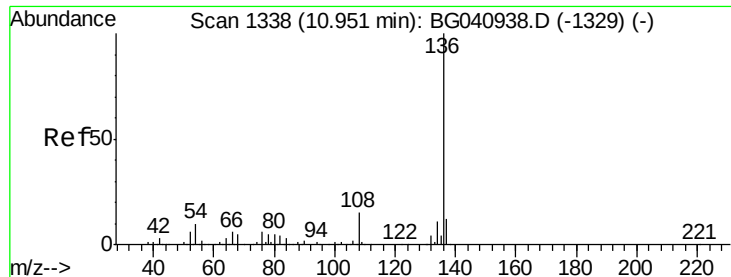
70 100

42 52.5 51.5 77.3

101 0.0 8.1 12.1#

130 1.6 16.6 24.8#

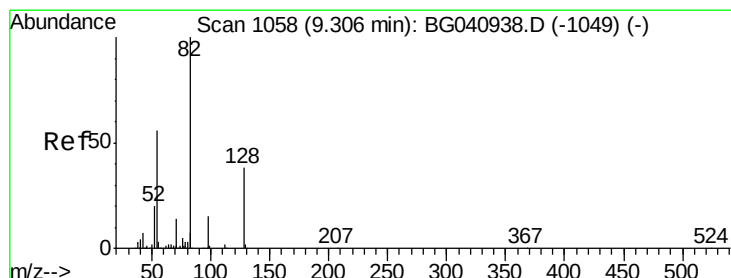
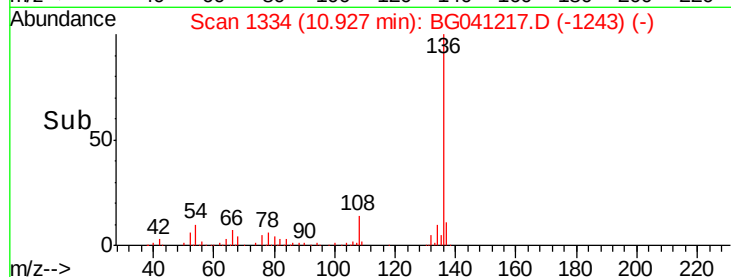
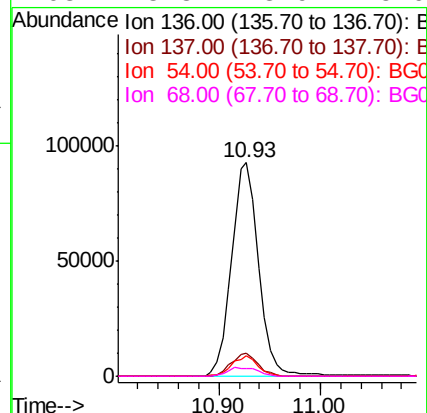
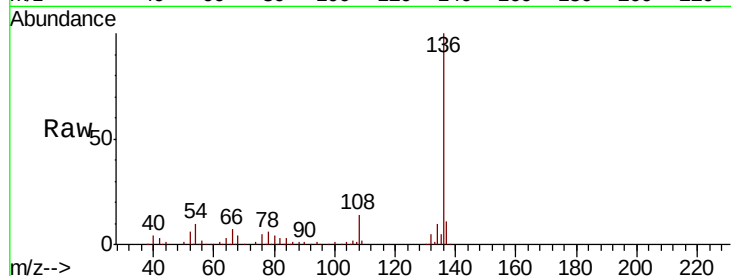




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

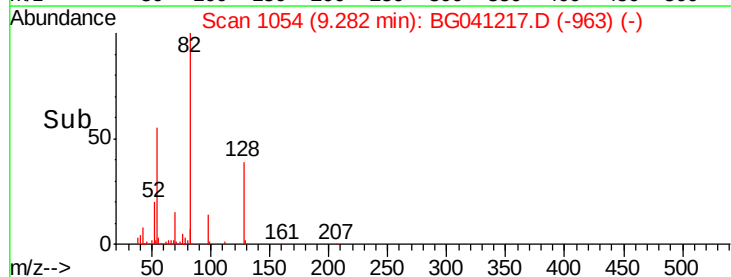
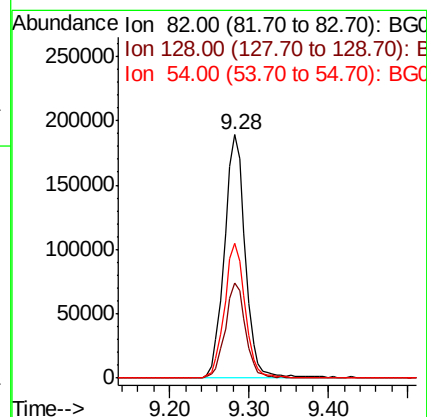
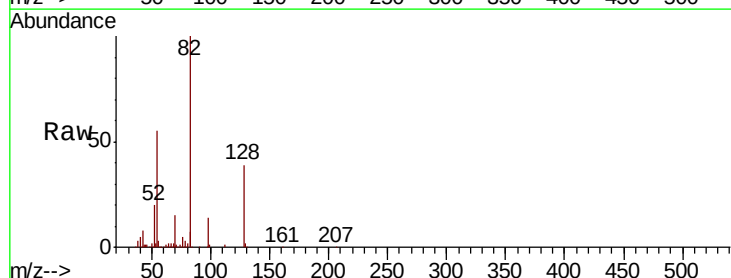
Instrument :
BNA_G
ClientSampleId :
25082-2022

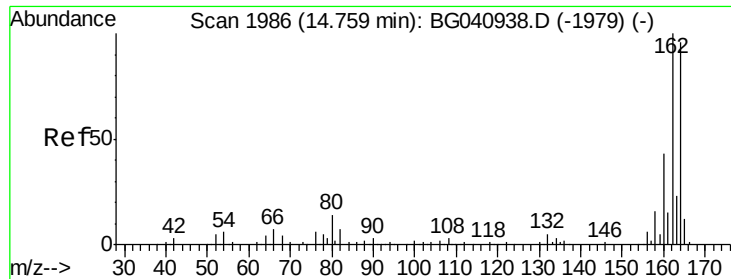
Tgt Ion:	136	Resp:	171771
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.5	14.3
54	9.7	7.6	11.4
68	3.8	3.9	5.9#



#23
Nitrobenzene-d5
Concen: 89.141 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

Tgt Ion:	82	Resp:	344910
Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.5	45.7
54	55.2	44.6	66.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

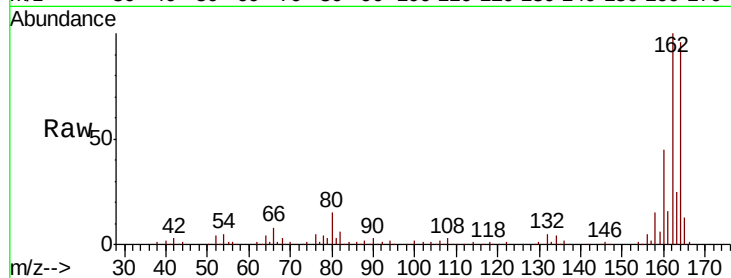
Tgt Ion:164 Resp: 129636

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

160 46.7 35.6 53.4

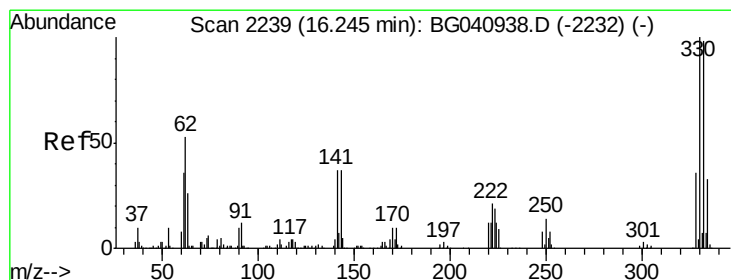
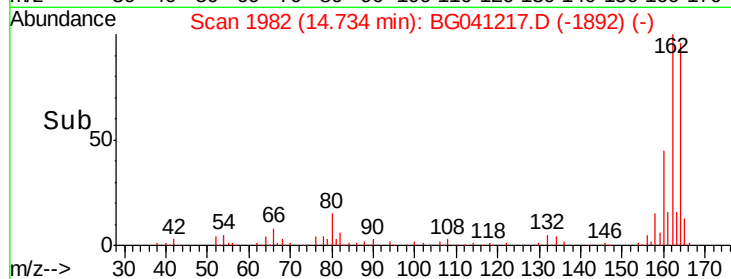
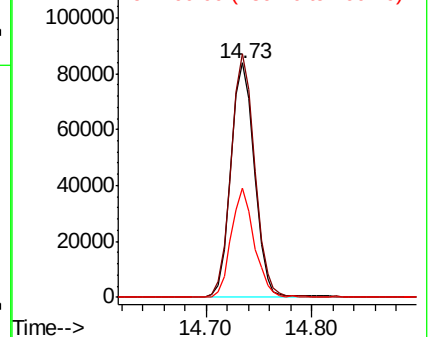


Abundance

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: 129.786 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

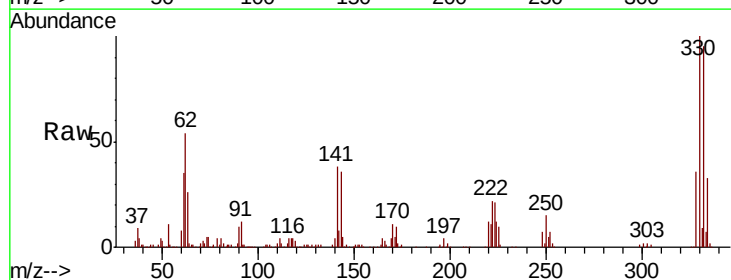
Tgt Ion:330 Resp: 249778

Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

141 35.6 28.7 43.1

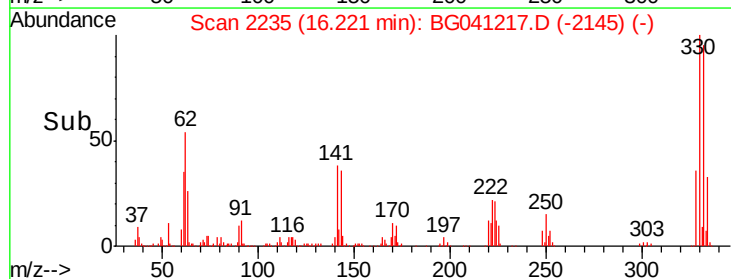
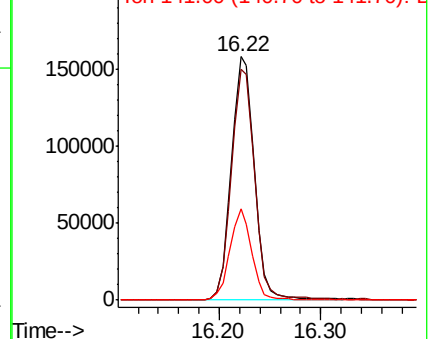


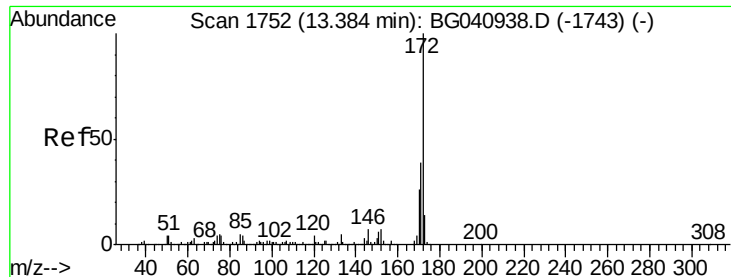
Abundance

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

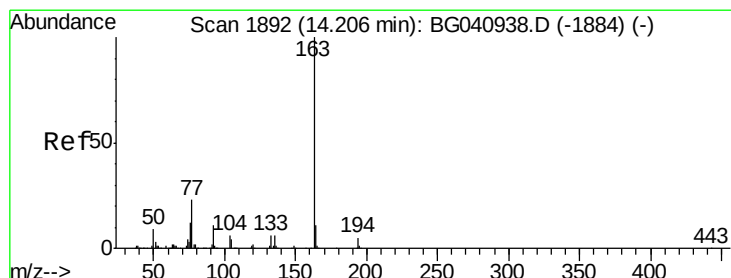
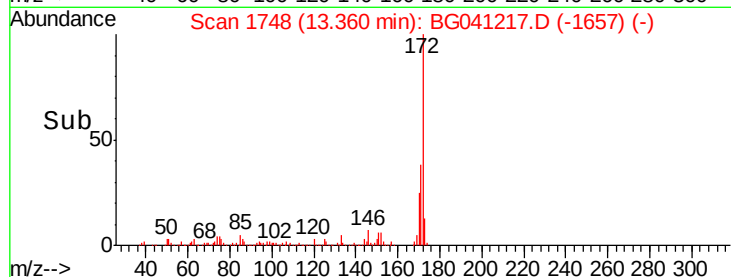
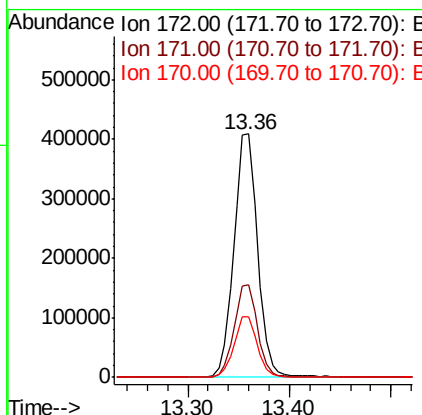
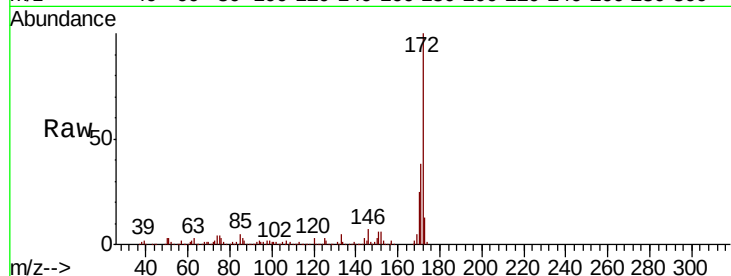




#45
2-Fluorobiphenyl
Concen: 73.730 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

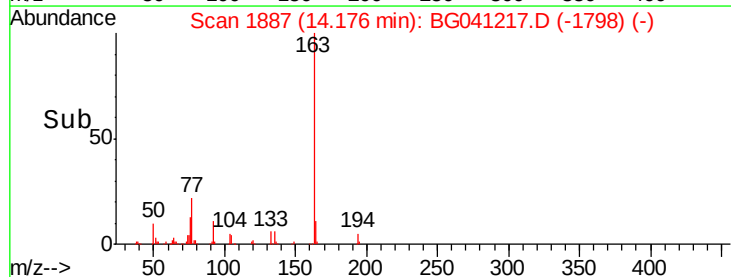
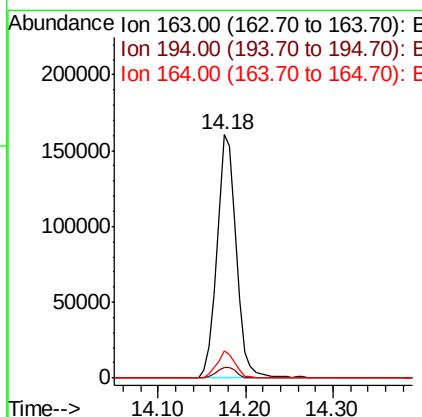
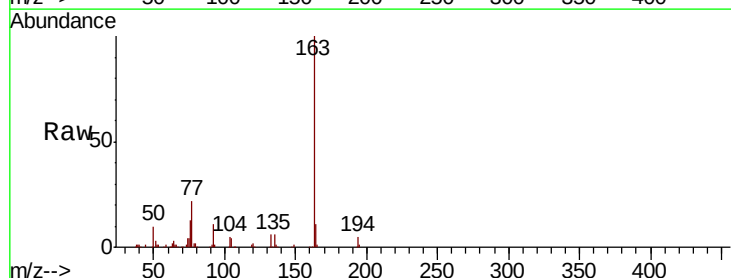
Instrument :
BNA_G
ClientSampleId :
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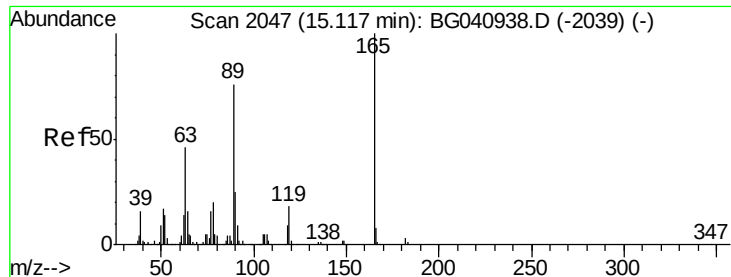
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.1	46.7
170	25.0	20.5	30.7



#50
Dimethylphthalate
Concen: 22.613 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.8
164	11.0	8.7	13.1





#57

2,4-Dinitrotoluene

Concen: 5.116 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.36 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

Tgt Ion:165 Resp: 17100

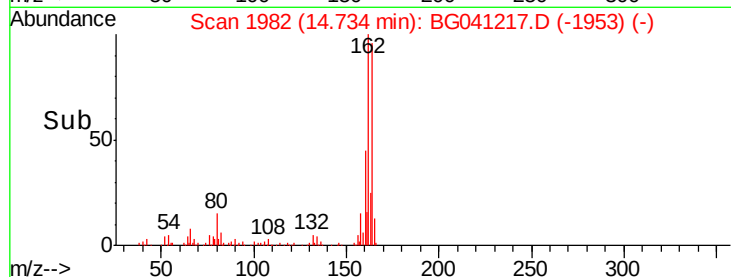
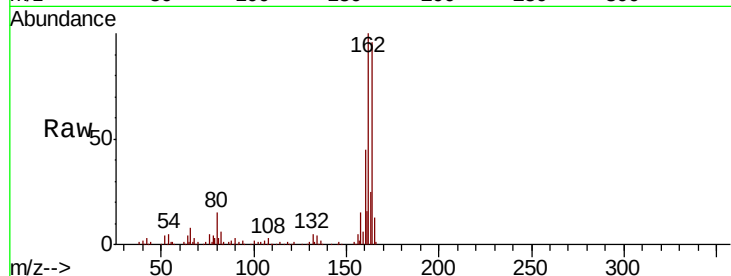
Ion Ratio Lower Upper

165 100

63 1.9 37.3 55.9#

89 1.9 61.0 91.6#

182 0.0 2.2 3.2#

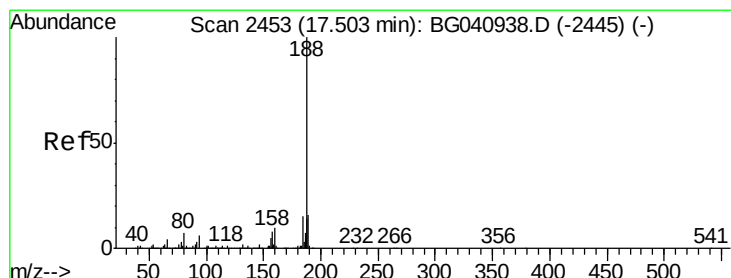
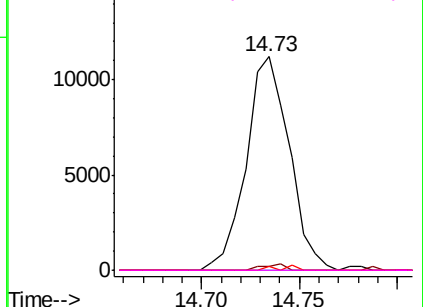


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG041217.D

Acq: 12 Jun 2019 22:01

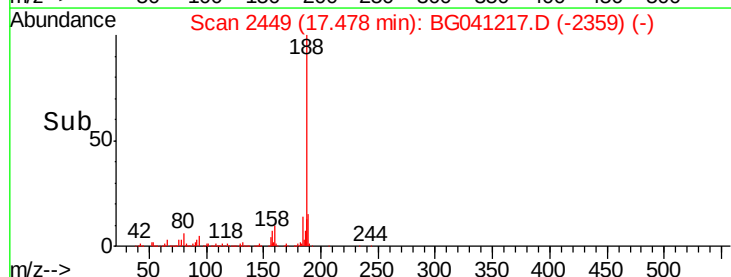
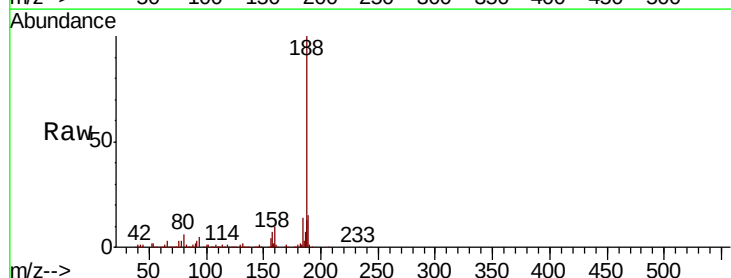
Tgt Ion:188 Resp: 297263

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

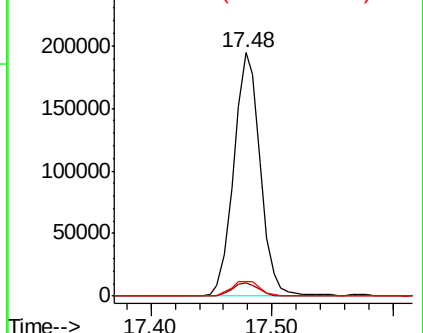
80 5.8 5.8 8.8#

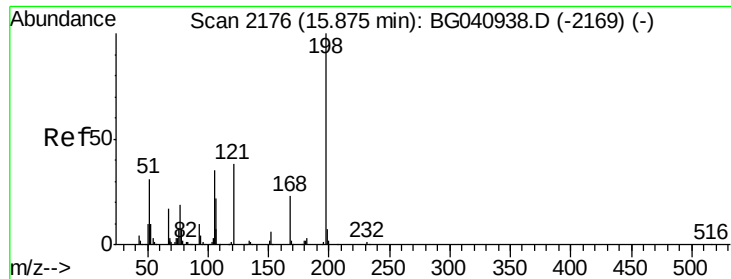


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

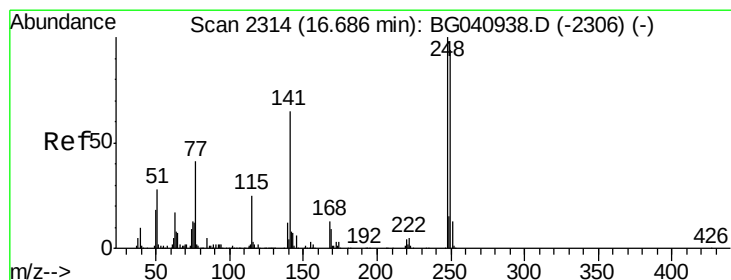
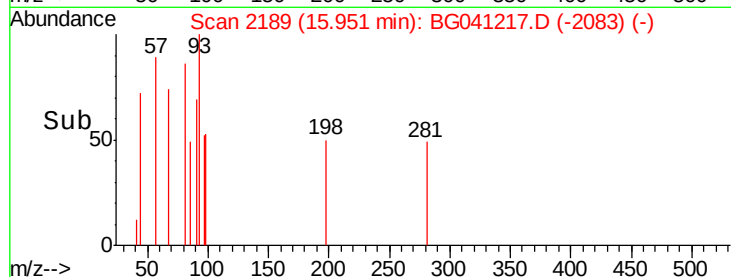
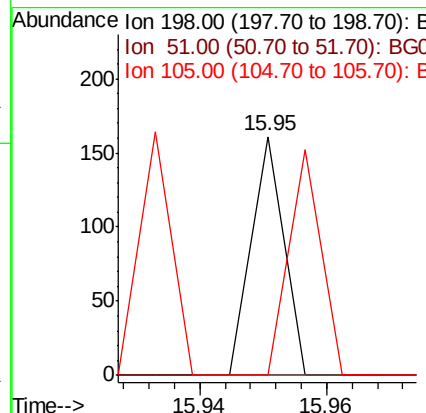
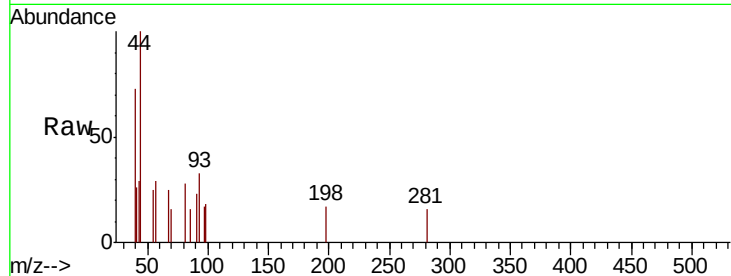




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.619 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. 0.09 min
 Lab File: BG041217.D
 Acq: 12 Jun 2019 22:01

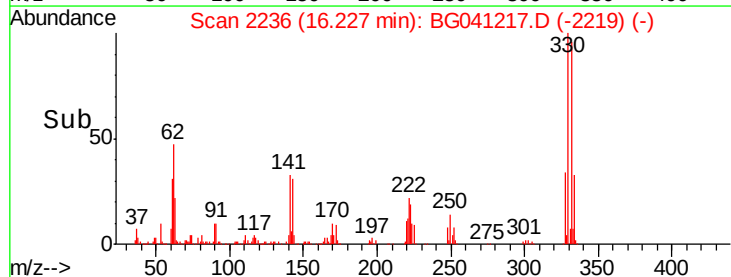
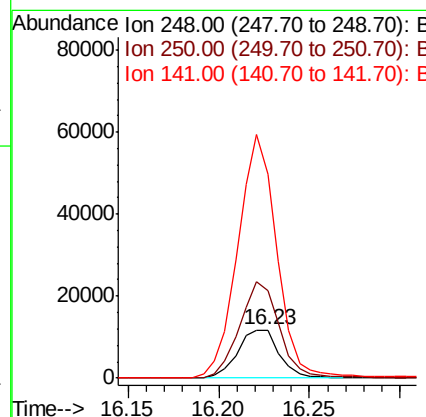
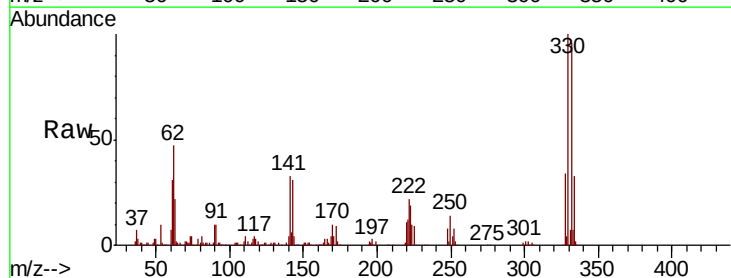
Instrument :
 BNA_G
 ClientSampleId :
 25082-2022

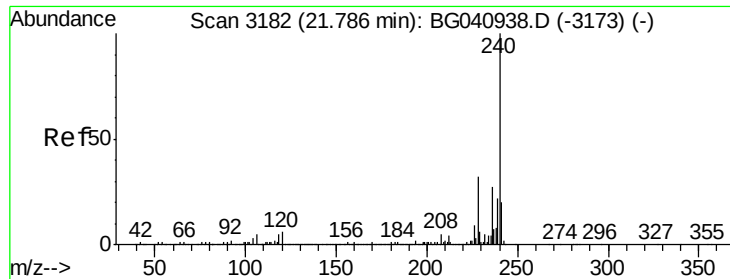
Tgt Ion:198 Resp: 57
 Ion Ratio Lower Upper
 198 100
 51 0.0 21.6 61.6#
 105 0.0 17.5 57.5#



#67
 4-Bromophenyl-phenylether
 Concen: 4.618 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. -0.43 min
 Lab File: BG041217.D
 Acq: 12 Jun 2019 22:01

Tgt Ion:248 Resp: 18527
 Ion Ratio Lower Upper
 248 100
 250 180.2 75.0 112.4#
 141 421.1 52.4 78.6#

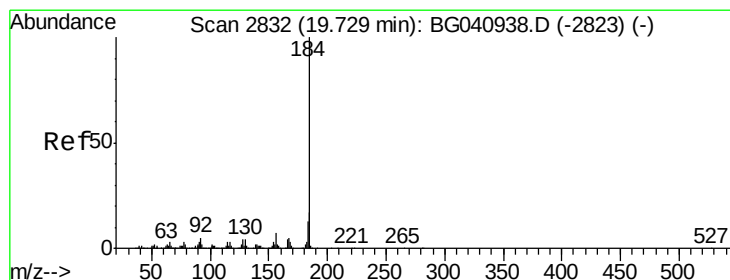
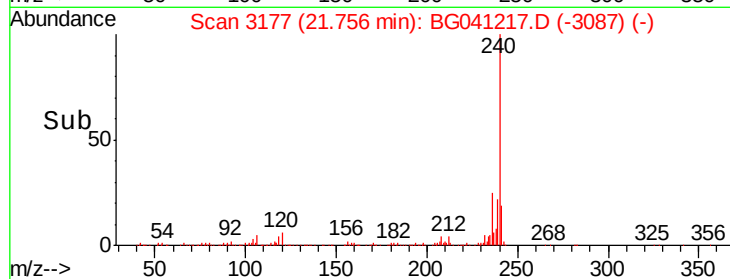
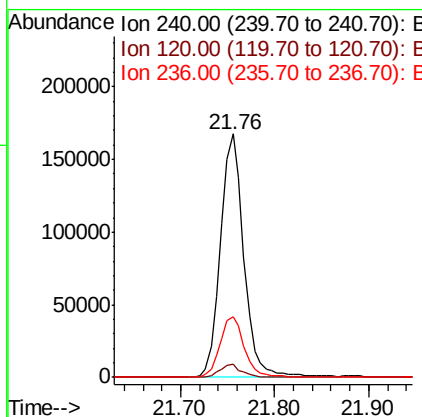
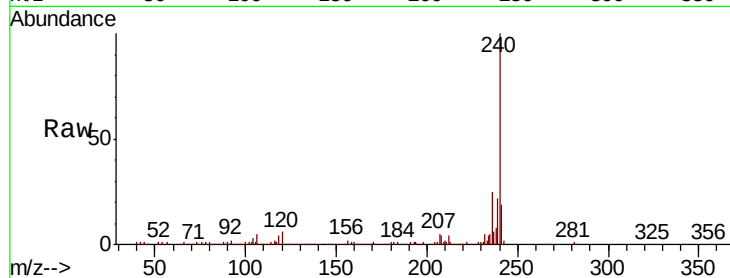




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

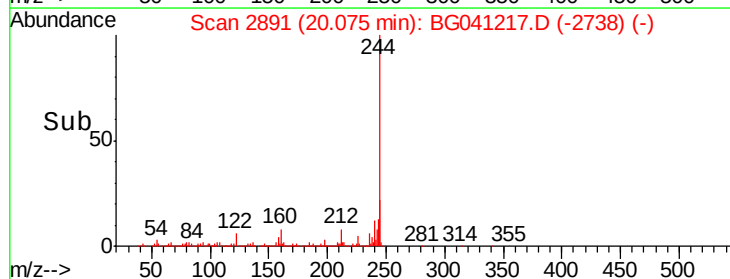
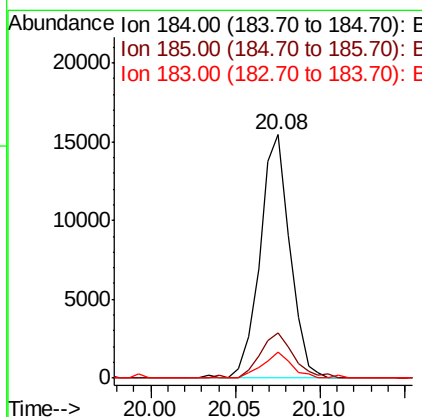
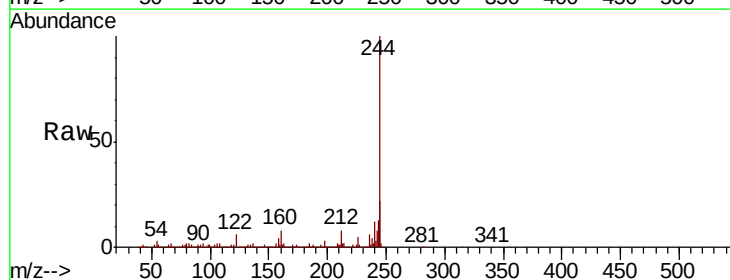
Instrument :
BNA_G
ClientSampleId :
25082-2022

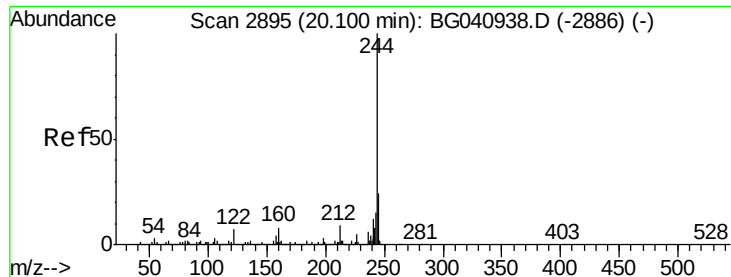
Tgt Ion:240 Resp: 291182
Ion Ratio Lower Upper
240 100
120 5.5 4.5 6.7
236 24.7 21.3 31.9



#77
Benzidine
Concen: 2.721 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041217.D
Acq: 12 Jun 2019 22:01

Tgt Ion:184 Resp: 18898
Ion Ratio Lower Upper
184 100
185 18.4 13.3 19.9
183 10.5 10.7 16.1#





#79

Terphenyl-d14

Concen: 84.252 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

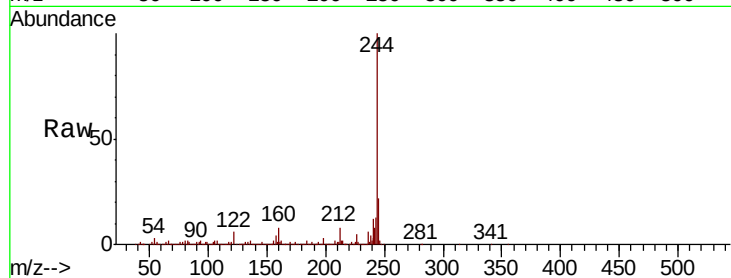
Tgt Ion:244 Resp: 1155923

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

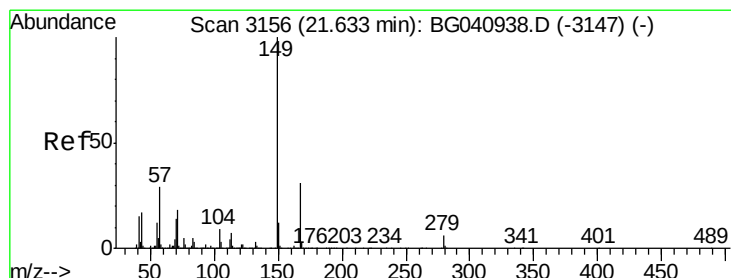
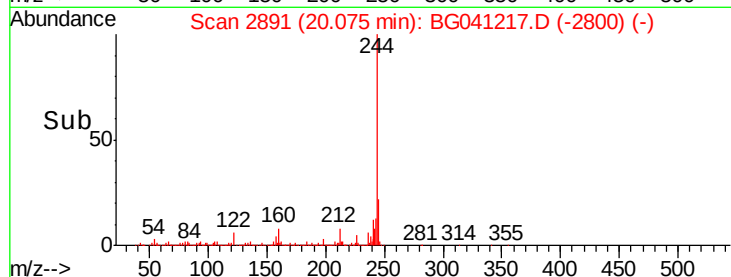
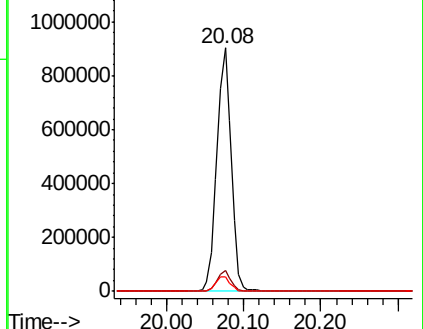
122 6.2 5.4 8.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.754 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

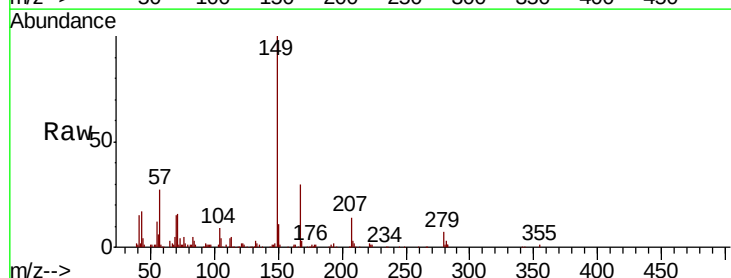
Tgt Ion:149 Resp: 70039

Ion Ratio Lower Upper

149 100

167 29.9 24.6 37.0

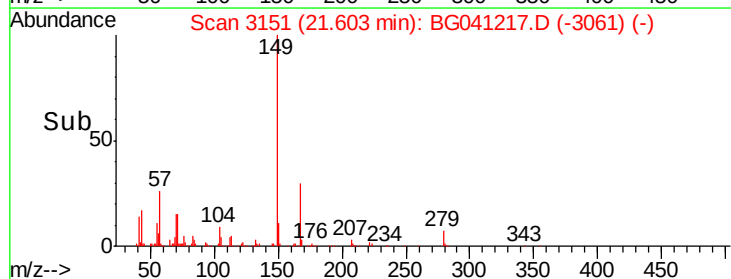
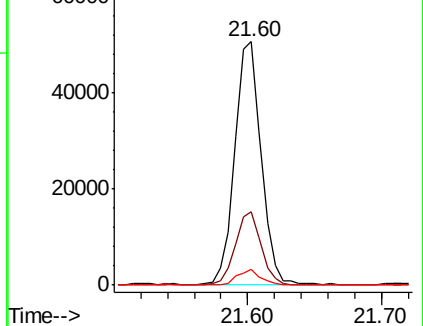
279 6.6 5.0 7.6

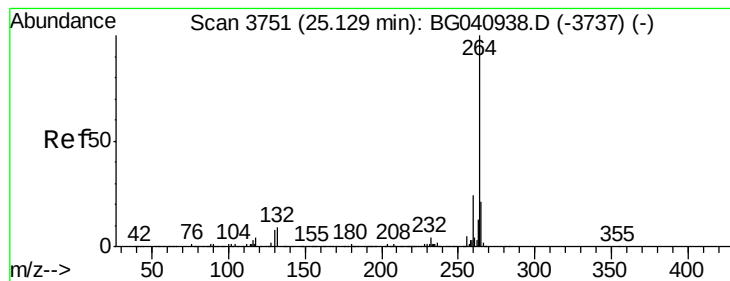


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041217.D

Acq: 12 Jun 2019 22:01

Instrument :

BNA_G

ClientSampleId :

25082-2022

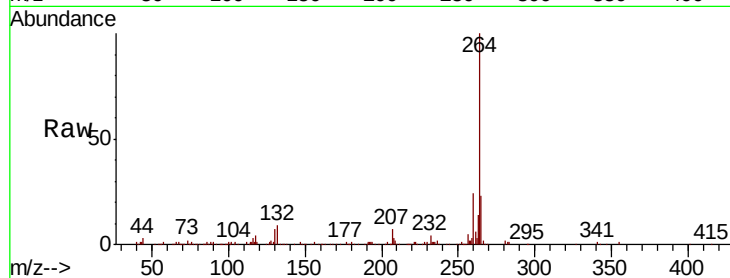
Tgt Ion: 264 Resp: 294168

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 23.0 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

