

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
 Data File : BG041436.D
 Acq On : 25 Jun 2019 00:24
 Operator : HP/JU
 Sample : K3499-05
 Misc : MDL-WATER-8.0PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-5(10-11)

Quant Time: Jun 25 05:09:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

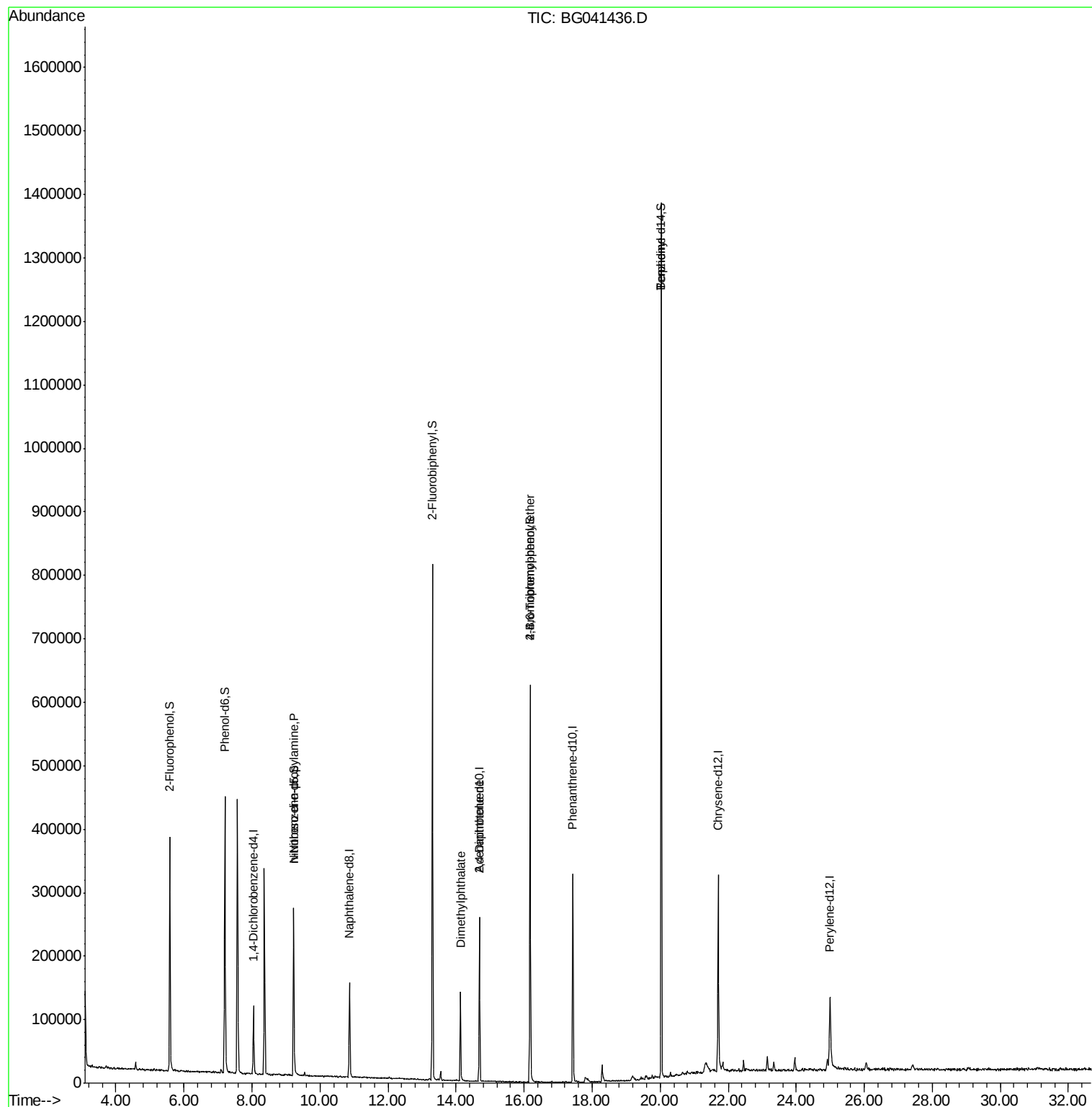
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	31585	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	124433	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	90470	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	216847	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	210264	20.00	ng	-0.03
87) Perylene-d12	24.99	264	158070	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	154061	89.62	ng	-0.03
7) Phenol-d6	7.20	99	240969	96.71	ng	-0.03
23) Nitrobenzene-d5	9.23	82	172288	58.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	126361	90.98	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	422140	63.42	ng	-0.03
79) Terphenyl-d14	20.03	244	694223	65.43	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	24614	12.214	ng	Qvalue # 78
50) Dimethylphthalate	14.13	163	96417	11.978	ng	# 98
57) 2,4-Dinitrotoluene	14.69	165	11834	4.770	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8907	3.177	ng	# 1
77) Benzidine	20.03	184	11652	2.291	ng	# 94

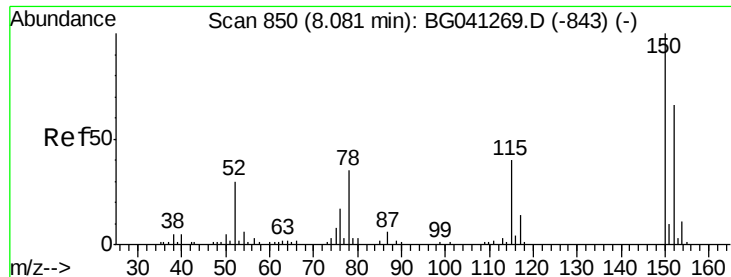
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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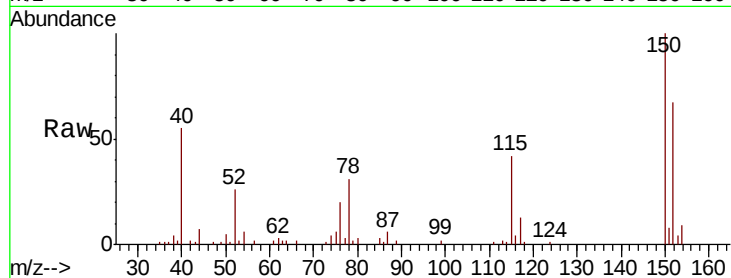


#1

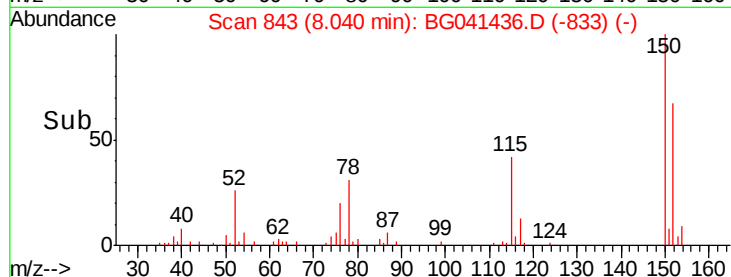
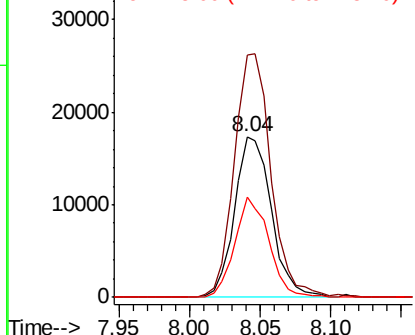
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

Instrument :
BNA_G
ClientSampleId :
B-5(10-11)

Tgt Ion:152 Resp: 31585
Ion Ratio Lower Upper
152 100
150 150.4 120.6 181.0
115 62.4 47.9 71.9



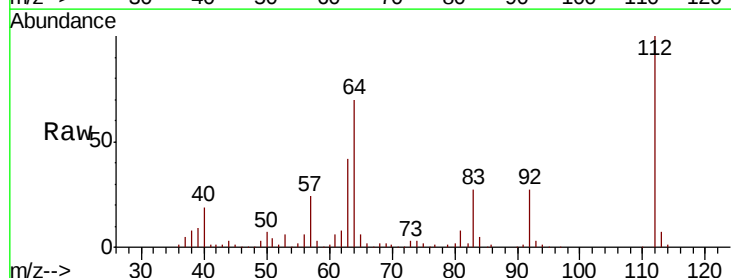
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



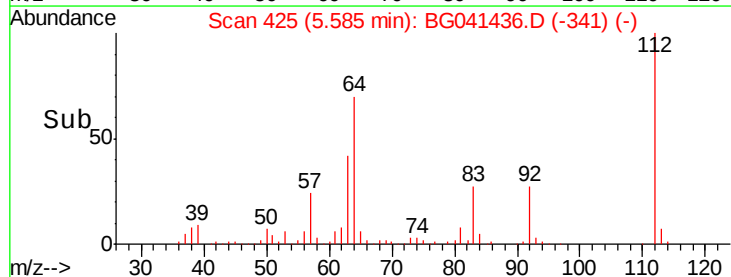
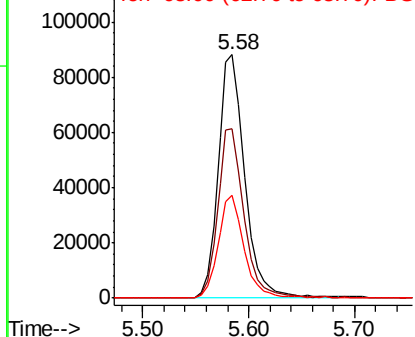
#5

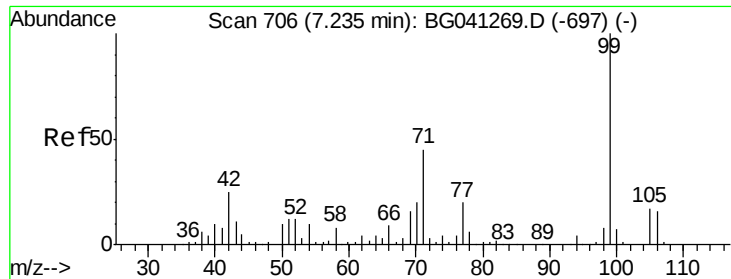
2-Fluorophenol
Concen: 89.623 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

Tgt Ion:112 Resp: 154061
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 42.4 34.6 51.8



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





#7

Phenol-d6

Concen: 96.709 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

Instrument :

BNA_G

ClientSampleId :

B-5(10-11)

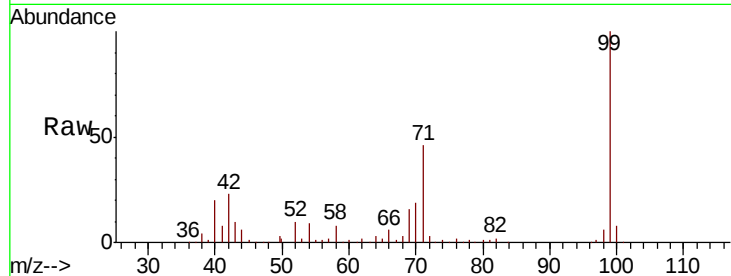
Tgt Ion: 99 Resp: 240969

Ion Ratio Lower Upper

99 100

42 23.1 19.9 29.9

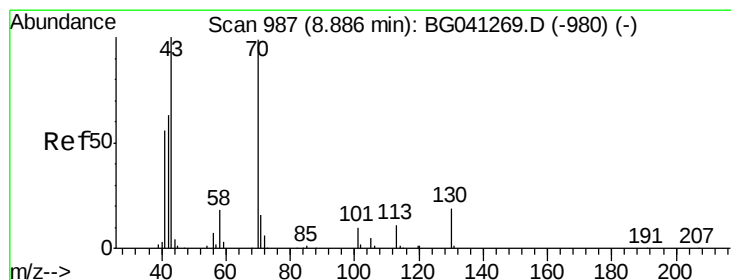
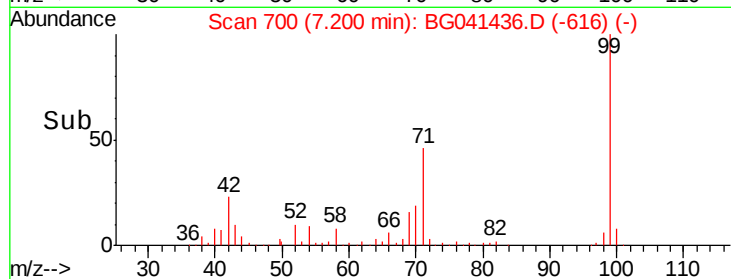
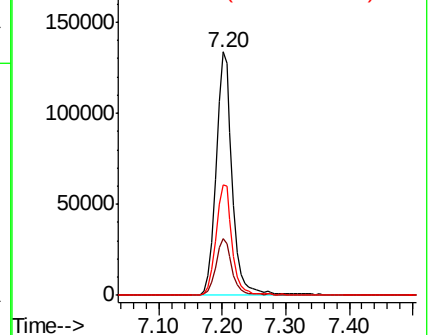
71 45.6 36.4 54.6



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.214 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.34 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

Tgt Ion: 70 Resp: 24614

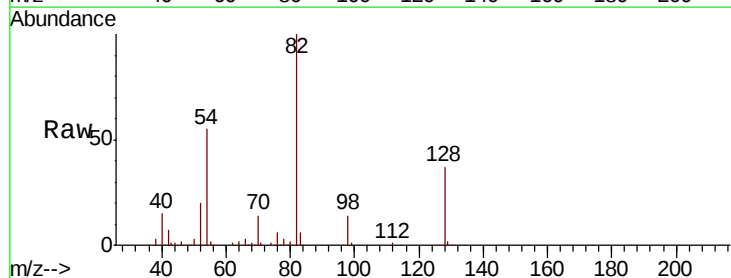
Ion Ratio Lower Upper

70 100

42 51.3 51.4 77.2#

101 0.0 8.2 12.2#

130 1.4 15.2 22.8#

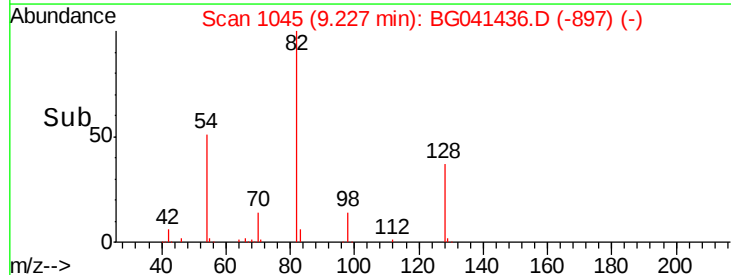
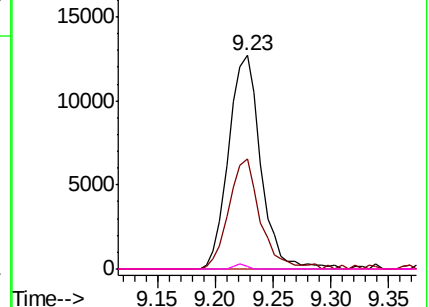


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

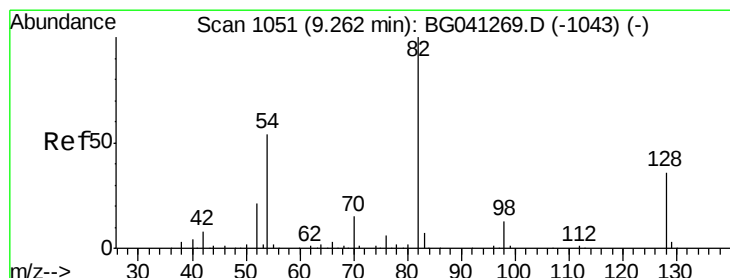
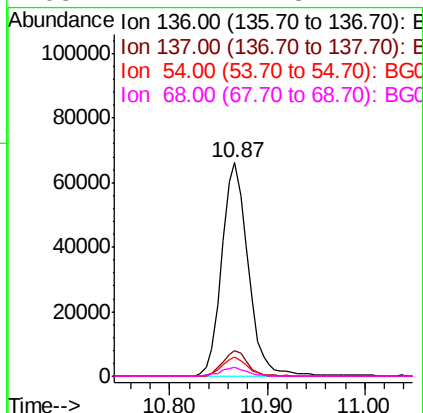
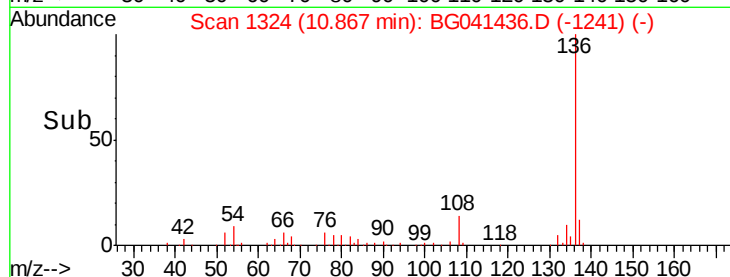
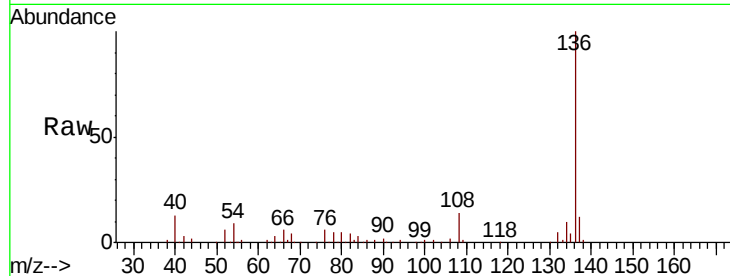




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

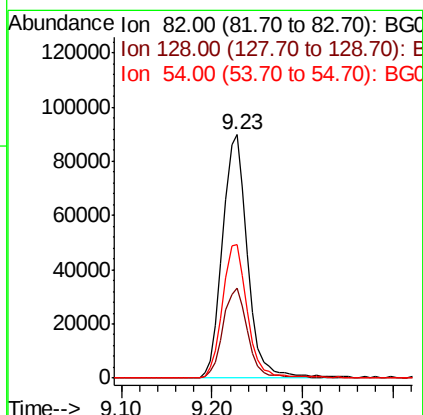
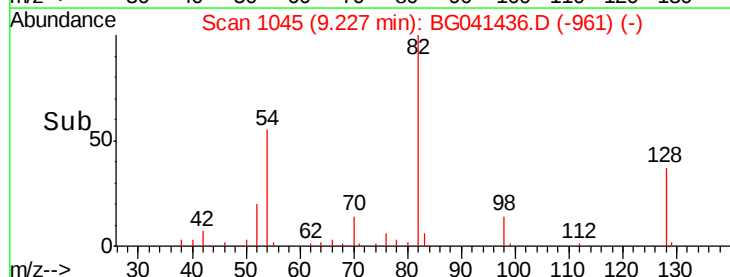
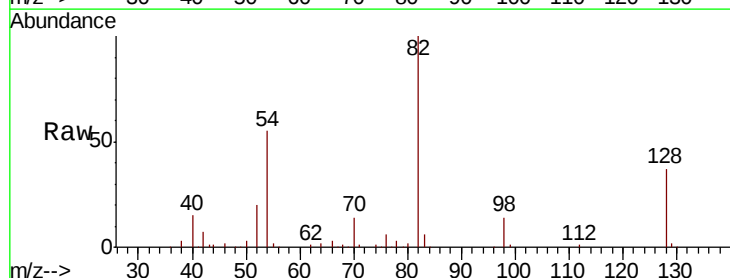
Instrument :
BNA_G
ClientSampleId :
B-5(10-11)

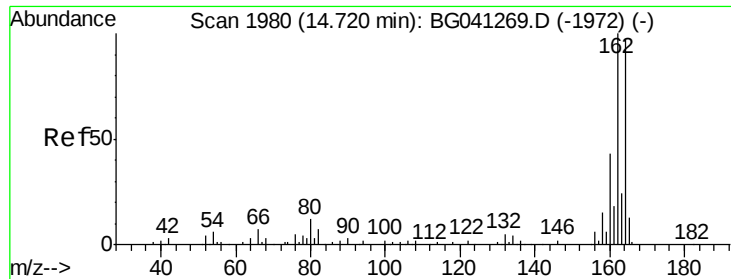
Tgt Ion:	136	Resp:	124433
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	9.1	6.4	9.6
68	4.7	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 58.230 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

Tgt Ion:	82	Resp:	172288
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.2	43.8
54	55.0	43.4	65.0

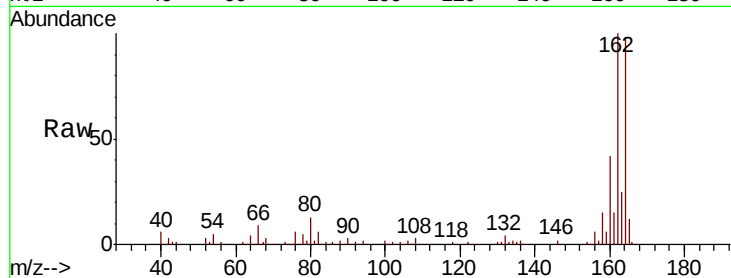




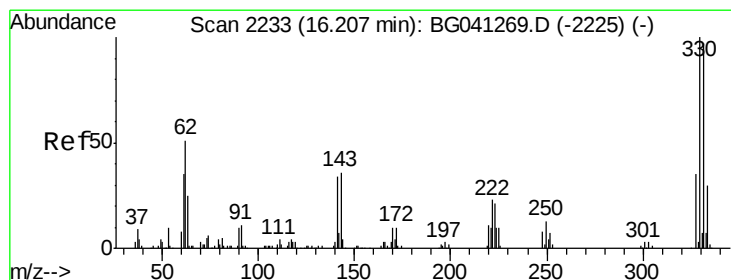
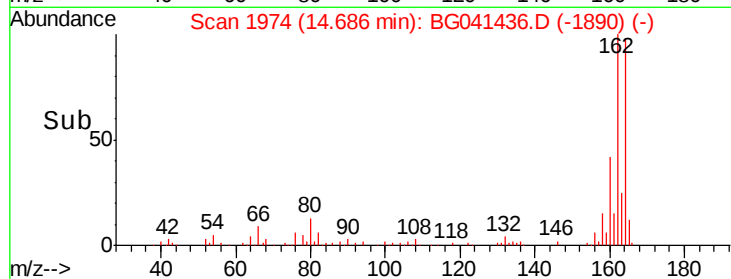
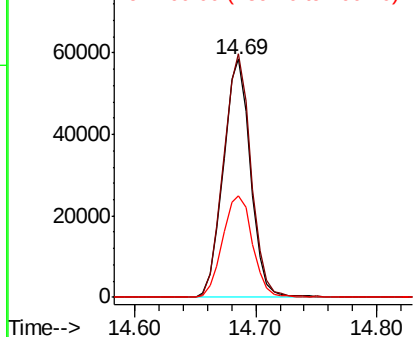
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

Instrument :
BNA_G
ClientSampleId :
B-5(10-11)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	42.9	35.8	53.8

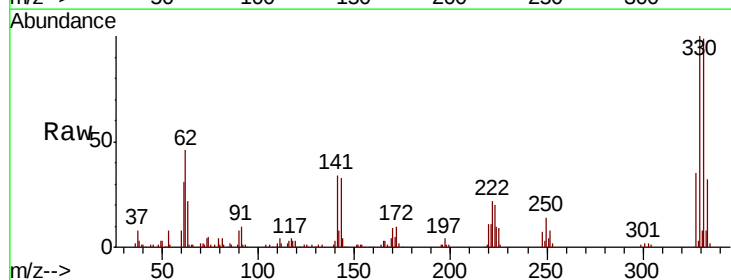


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

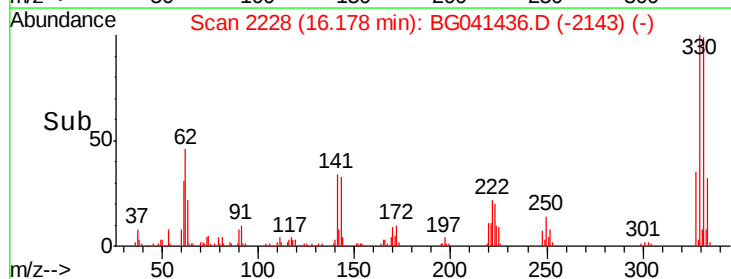
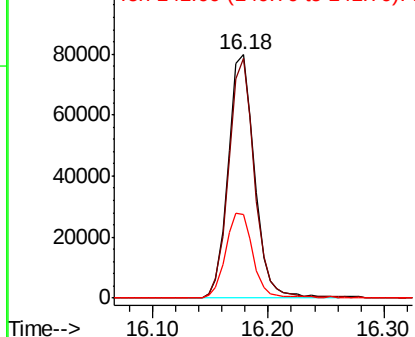


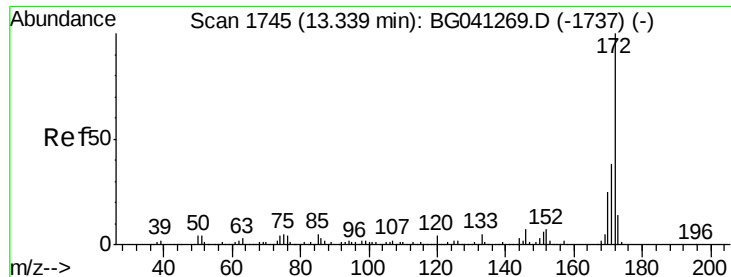
#42
2,4,6-Tribromophenol
Concen: 90.978 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.03 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.5	113.3
141	36.0	29.0	43.4



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

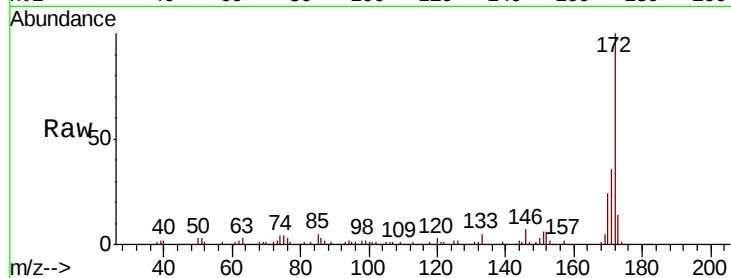




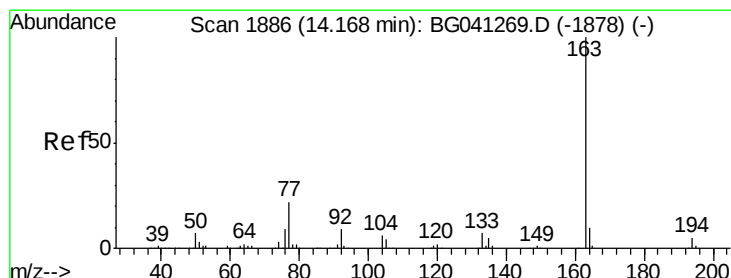
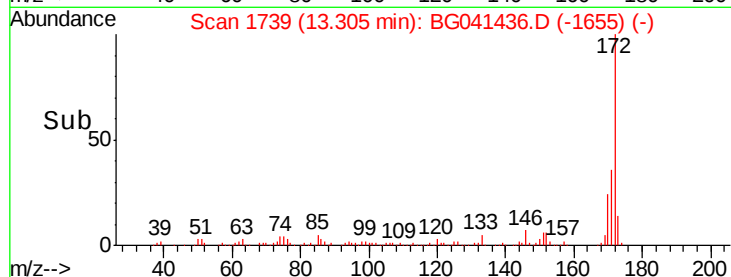
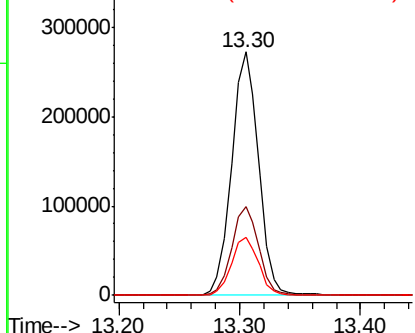
#45
 2-Fluorobiphenyl
 Concen: 63.419 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG041436.D
 Acq: 25 Jun 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :
 B-5(10-11)

Tgt Ion:172 Resp: 422140
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 24.0 19.8 29.6

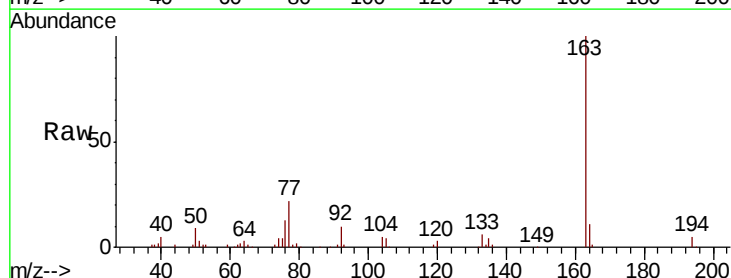


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

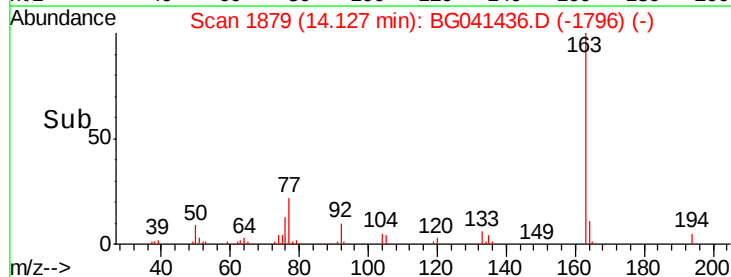
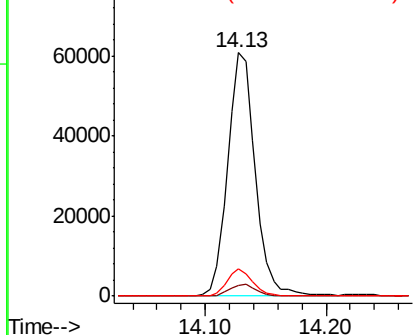


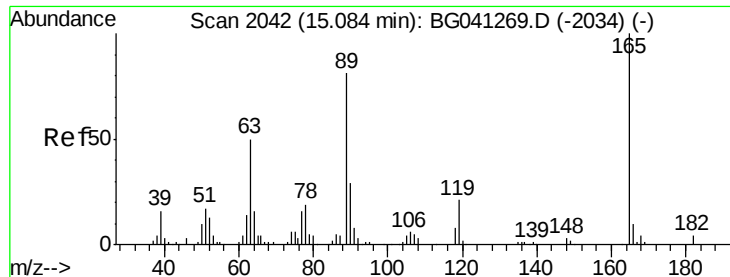
#50
 Dimethylphthalate
 Concen: 11.978 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.04 min
 Lab File: BG041436.D
 Acq: 25 Jun 2019 00:24

Tgt Ion:163 Resp: 96417
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.9 5.9
 164 11.3 8.3 12.5



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

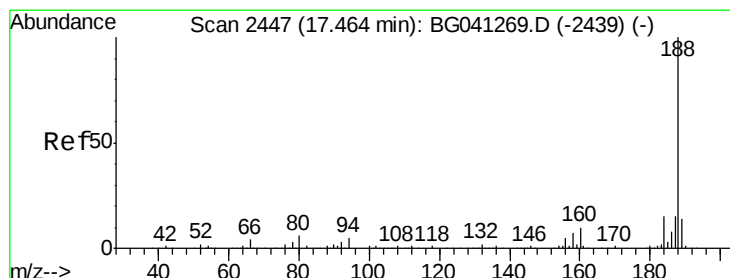
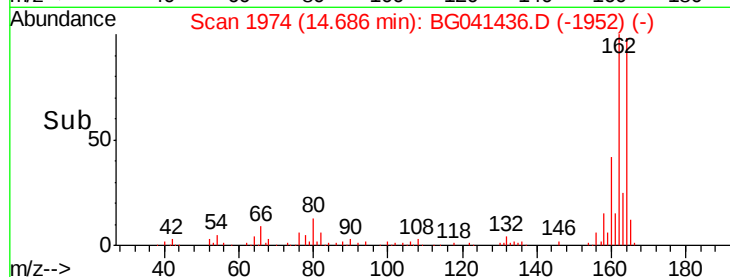
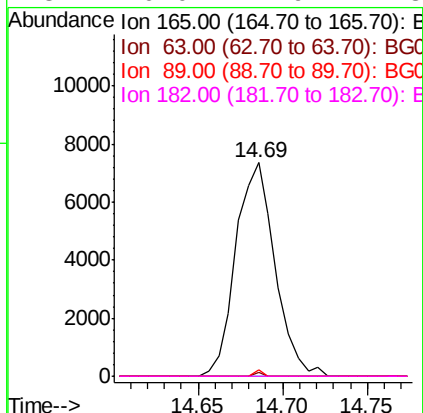
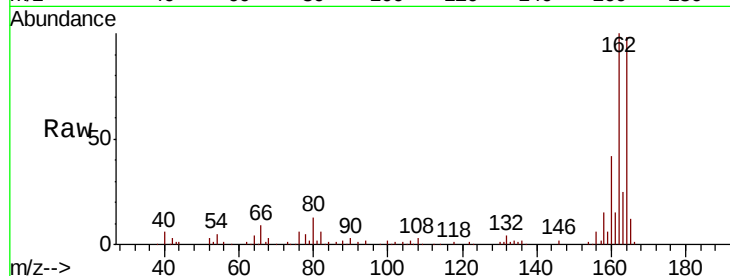




#57
 2,4-Dinitrotoluene
 Concen: 4.770 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.40 min
 Lab File: BG041436.D
 Acq: 25 Jun 2019 00:24

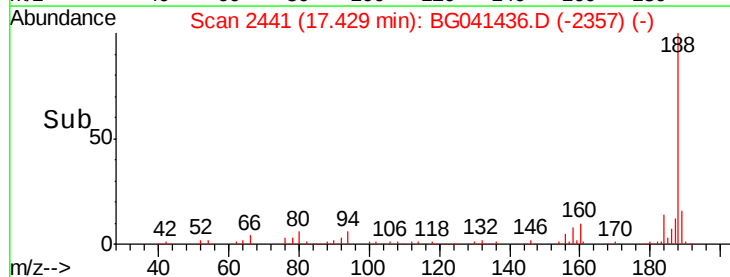
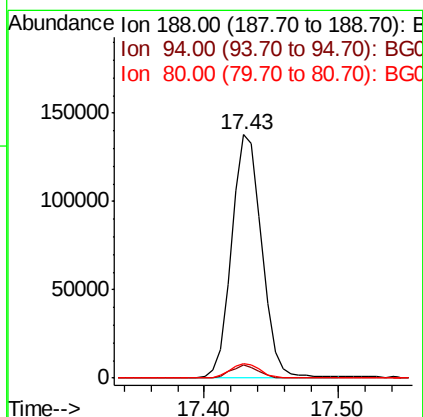
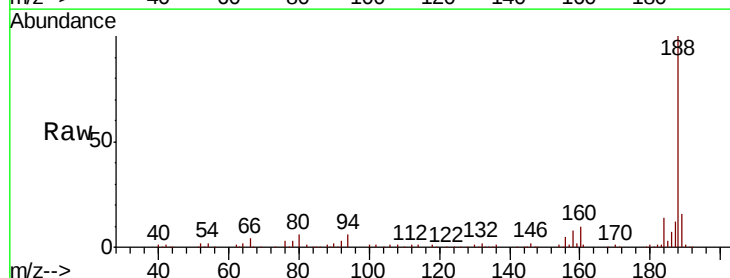
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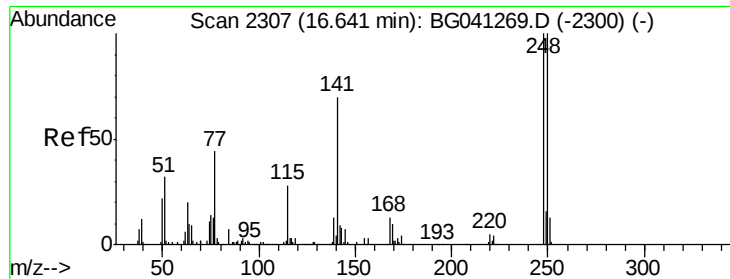
Tgt Ion:165 Resp: 11834
 Ion Ratio Lower Upper
 165 100
 63 2.1 40.0 60.0#
 89 3.3 64.6 96.8#
 182 0.0 2.9 4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.03 min
 Lab File: BG041436.D
 Acq: 25 Jun 2019 00:24

Tgt Ion:188 Resp: 216847
 Ion Ratio Lower Upper
 188 100
 94 5.5 3.6 5.4#
 80 6.1 4.8 7.2

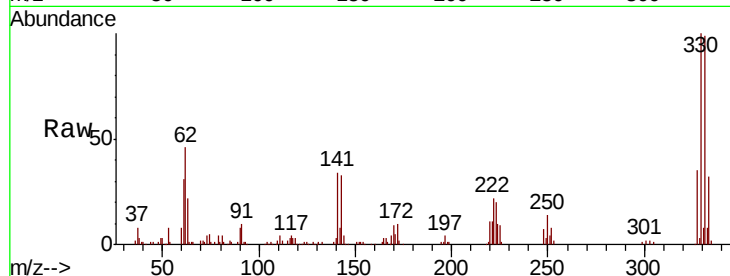




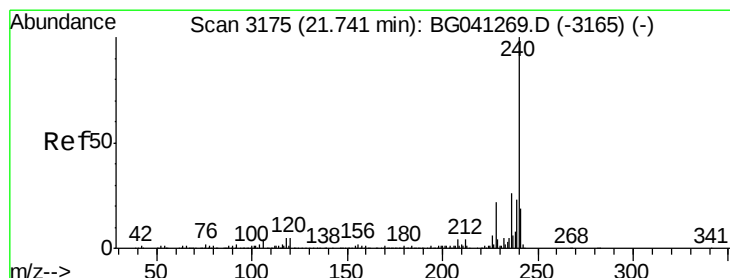
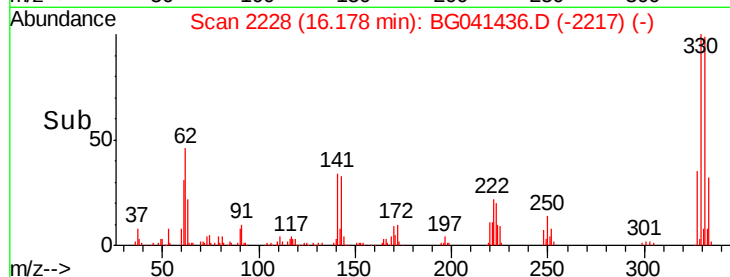
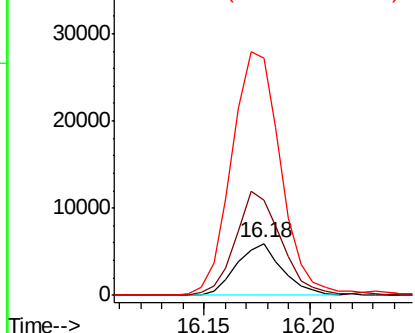
#67
 4-Bromophenyl-phenylether
 Concen: 3.177 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.46 min
 Lab File: BG041436.D
 Acq: 25 Jun 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :
 B-5(10-11)

Tgt Ion:248 Resp: 8907
 Ion Ratio Lower Upper
 248 100
 250 182.3 79.8 119.8#
 141 456.8 55.8 83.6#

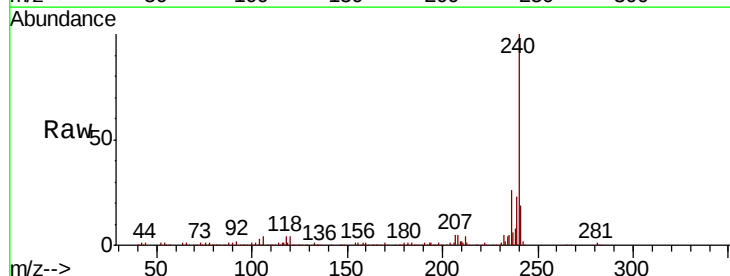


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

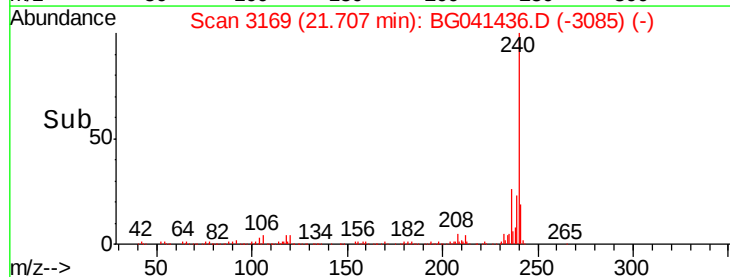
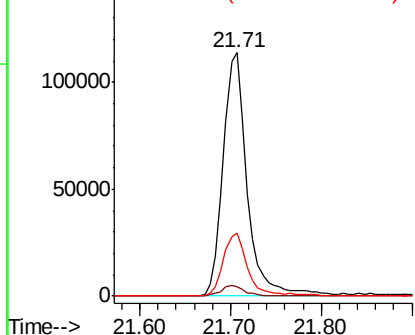


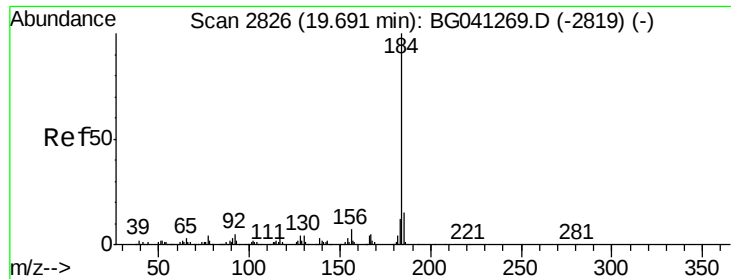
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.03 min
 Lab File: BG041436.D
 Acq: 25 Jun 2019 00:24

Tgt Ion:240 Resp: 210264
 Ion Ratio Lower Upper
 240 100
 120 4.1 3.7 5.5
 236 26.0 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.291 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.34 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

Instrument :

BNA_G

ClientSampleId :

B-5(10-11)

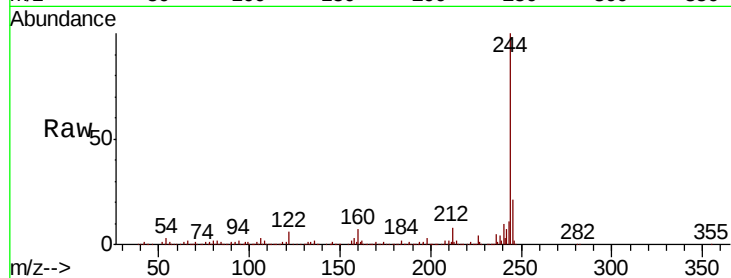
Tgt Ion:184 Resp: 11652

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

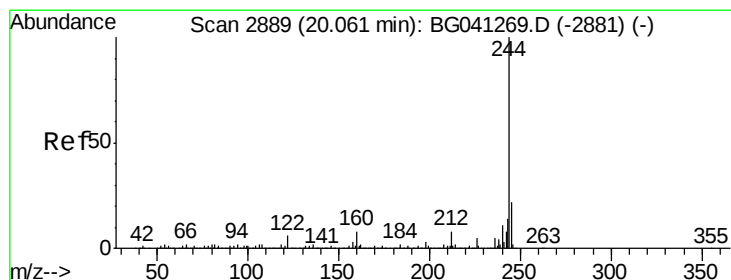
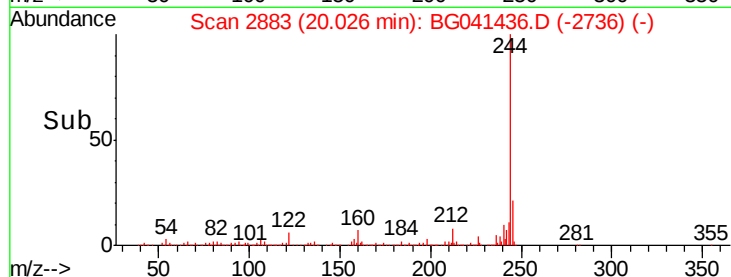
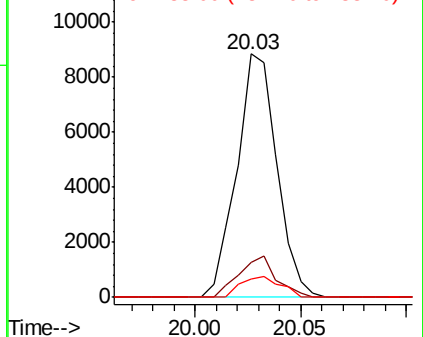
183 7.3 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 65.432 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041436.D

Acq: 25 Jun 2019 00:24

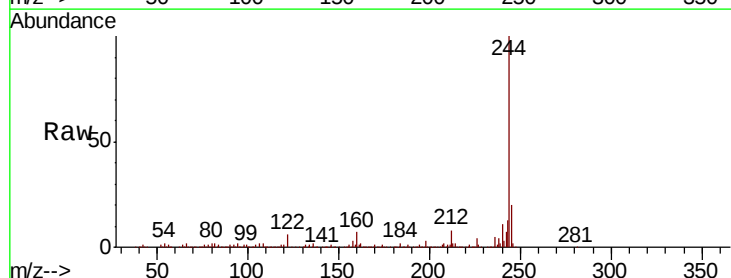
Tgt Ion:244 Resp: 694223

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

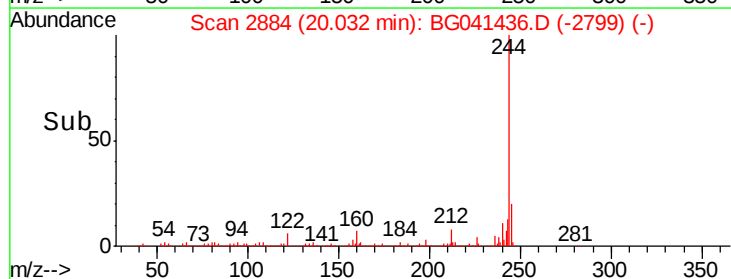
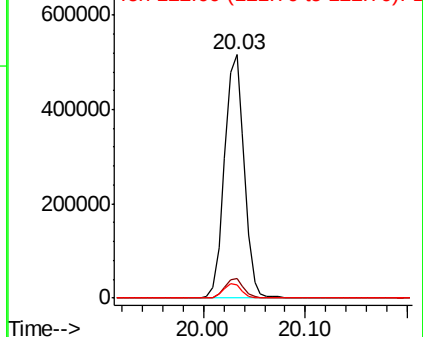
122 5.5 5.0 7.4

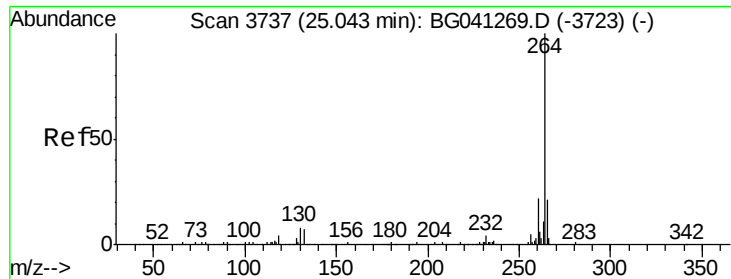


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041436.D
Acq: 25 Jun 2019 00:24

Instrument :
BNA_G
ClientSampleId :
B-5(10-11)

Tgt Ion: 264 Resp: 158070

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.2
265	20.9	17.2	25.8

