

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039847.D
 Acq On : 11 Mar 2019 18:30
 Operator : JU/SJ
 Sample : K1807-39RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20

Quant Time: Mar 12 03:37:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

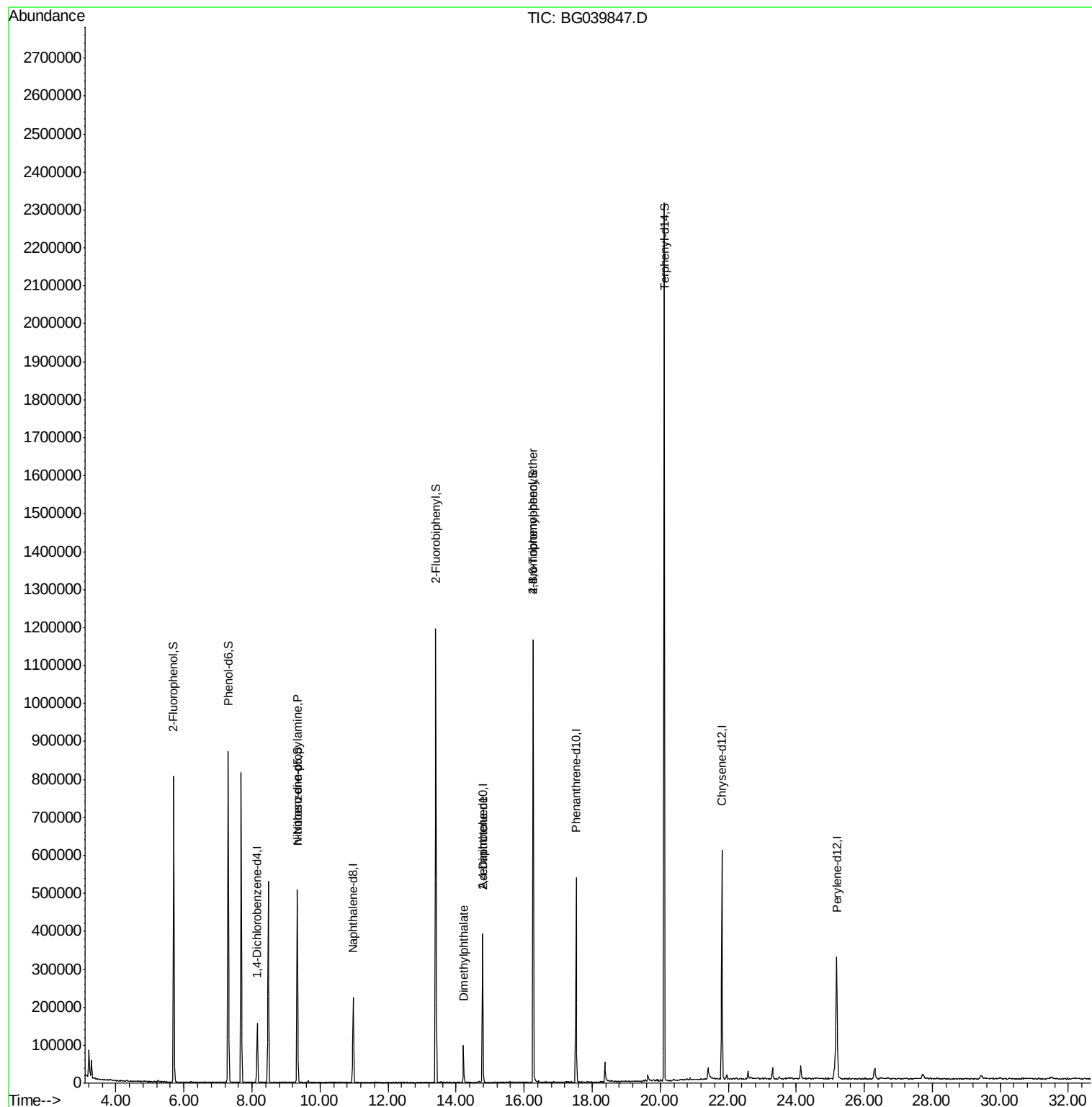
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43839	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	196802	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	140328	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	345563	20.00	ng	0.00
76) Chrysene-d12	21.81	240	360733	20.00	ng	-0.02
87) Perylene-d12	25.19	264	362208	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	340553	132.53	ng	-0.01
7) Phenol-d6	7.30	99	501948	131.00	ng	-0.01
23) Nitrobenzene-d5	9.33	82	297731	81.82	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	201674	123.30	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	623030	63.22	ng	-0.01
79) Terphenyl-d14	20.12	244	1027792	62.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	39027	14.151	ng	Qvalue # 68
50) Dimethylphthalate	14.22	163	63715	5.430	ng	97
57) 2,4-Dinitrotoluene	14.78	165	18057	5.166	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	15645	4.045	ng	# 1

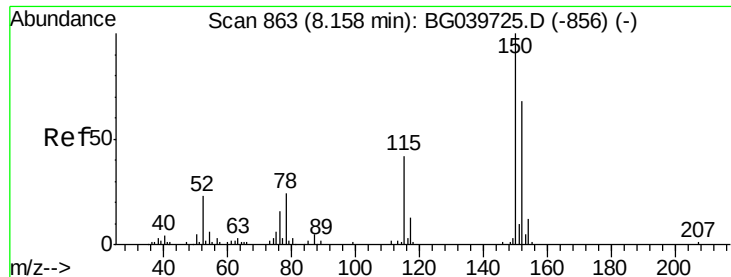
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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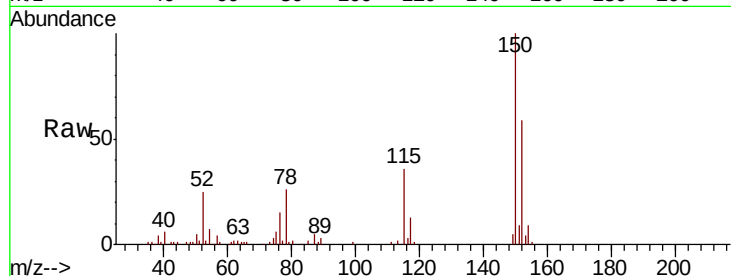


#1

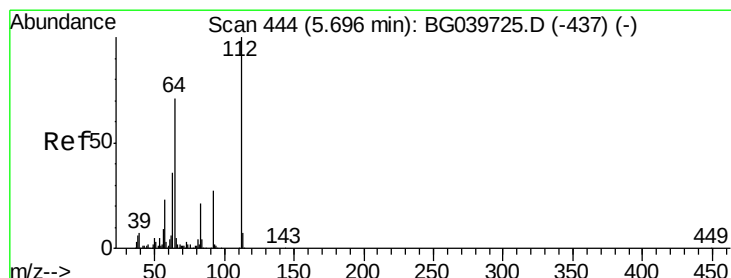
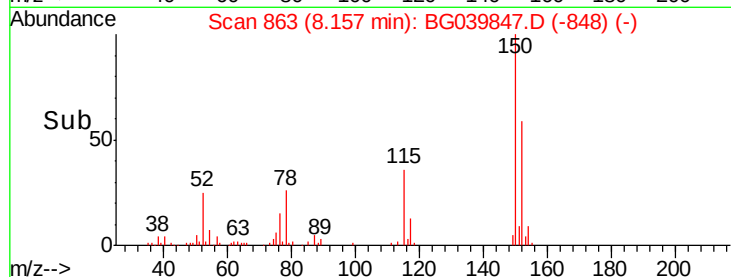
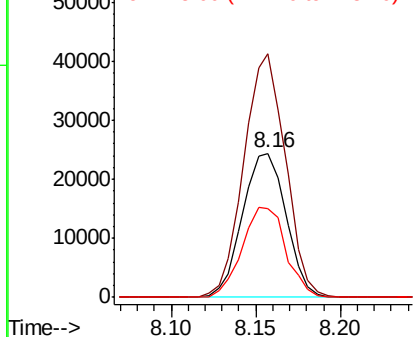
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039847.D
Acq: 11 Mar 2019 18:30

Instrument :
BNA_G
ClientSampled :
TP-20

Tgt Ion:152 Resp: 43839
Ion Ratio Lower Upper
152 100
150 168.6 123.7 185.5
115 61.2 45.9 68.9



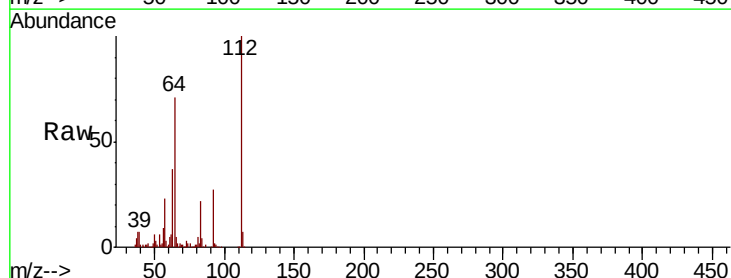
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



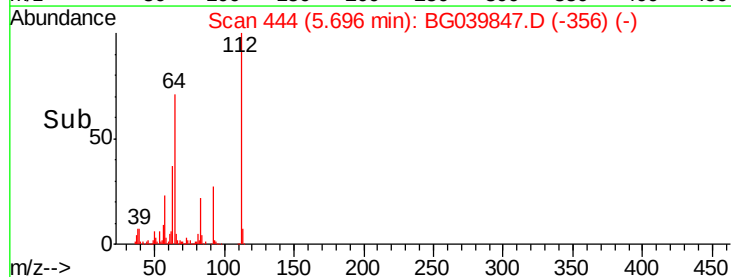
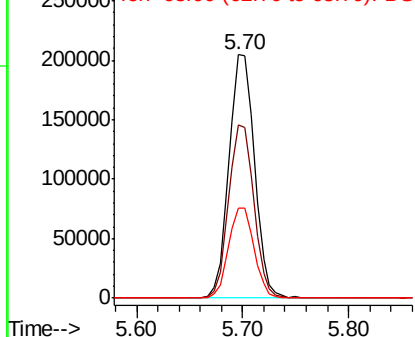
#5

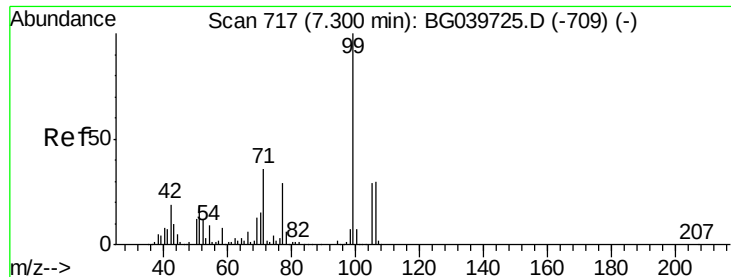
2-Fluorophenol
Concen: 132.527 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039847.D
Acq: 11 Mar 2019 18:30

Tgt Ion:112 Resp: 340553
Ion Ratio Lower Upper
112 100
64 71.3 57.8 86.8
63 36.8 29.8 44.6



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: 131.004 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039847.D

Acq: 11 Mar 2019 18:30

Instrument :

BNA_G

ClientSampleId :

TP-20

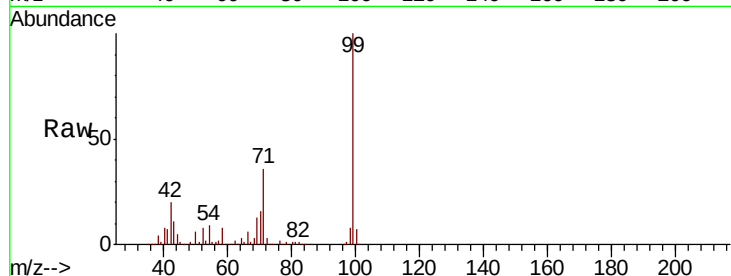
Tgt Ion: 99 Resp: 501948

Ion Ratio Lower Upper

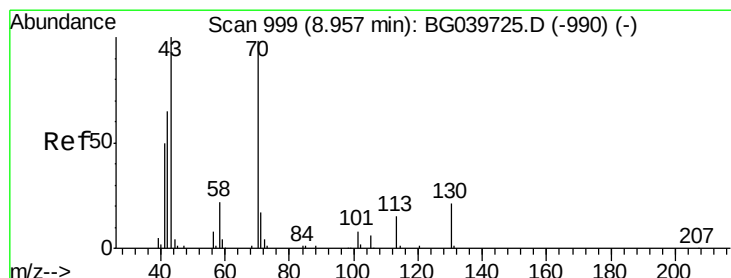
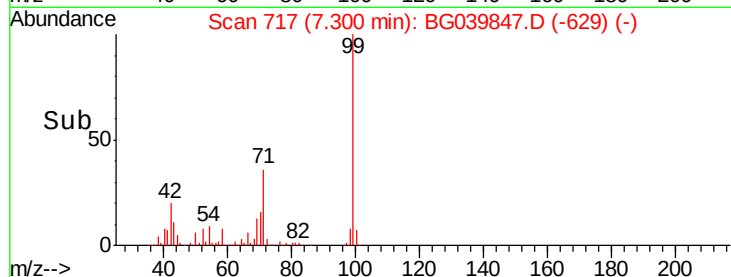
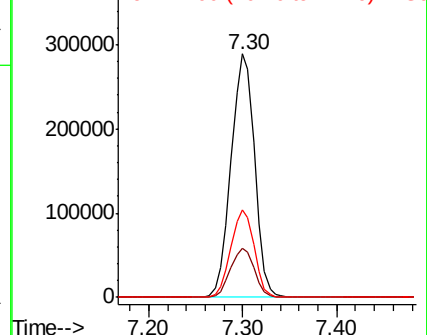
99 100

42 20.0 18.2 27.2

71 36.0 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.151 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039847.D

Acq: 11 Mar 2019 18:30

Tgt Ion: 70 Resp: 39027

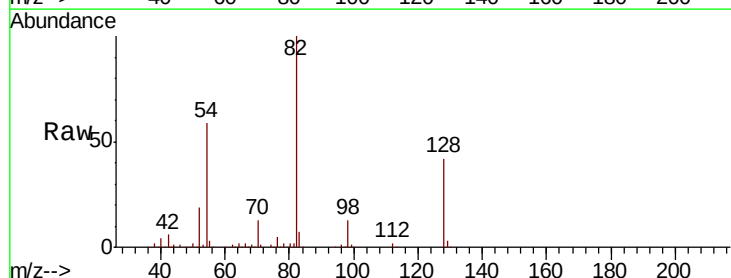
Ion Ratio Lower Upper

70 100

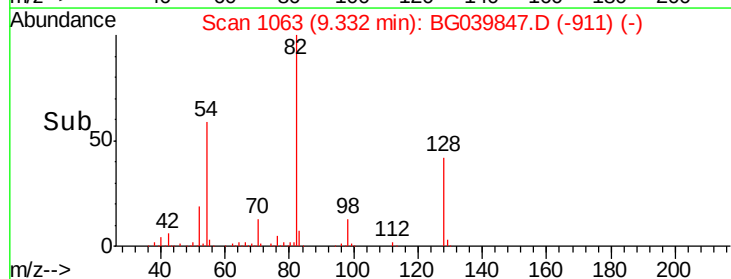
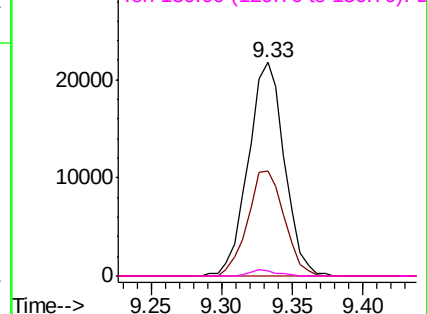
42 48.9 60.4 90.6#

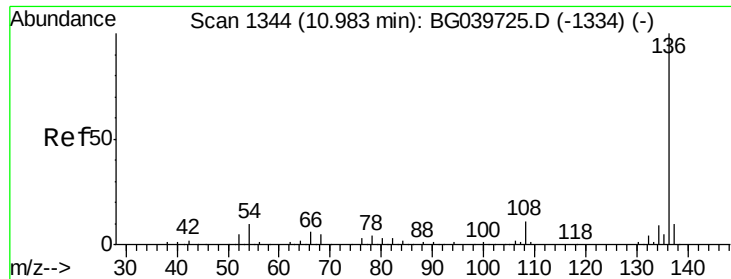
101 0.0 7.5 11.3#

130 2.1 16.9 25.3#



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

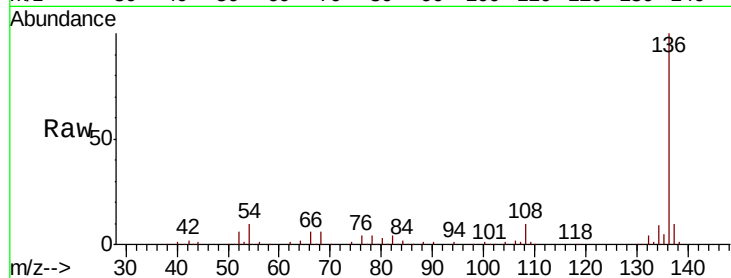




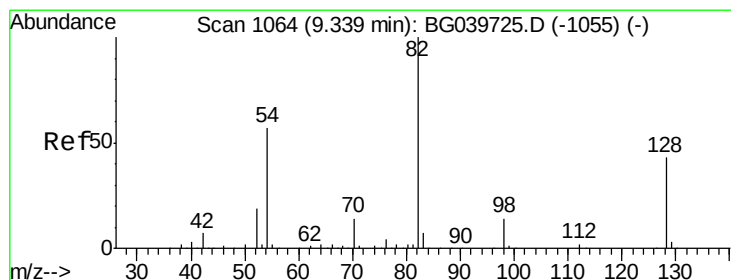
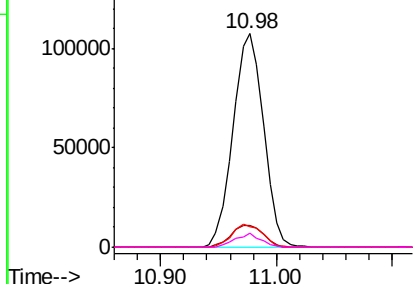
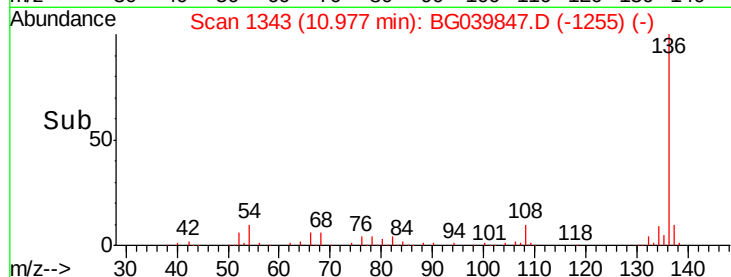
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039847.D
Acq: 11 Mar 2019 18:30

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:	136	Resp:	196802
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	9.7	9.4	14.2
68	6.4	4.2	6.4#

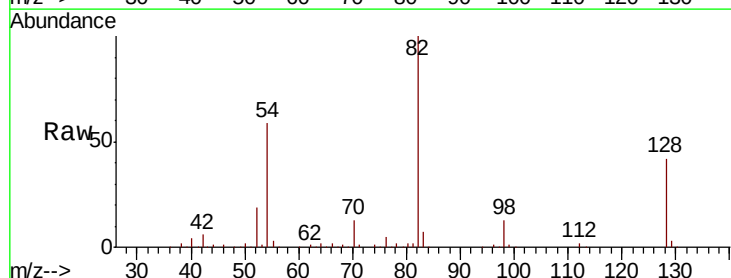


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

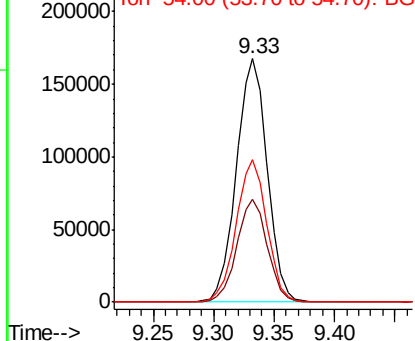
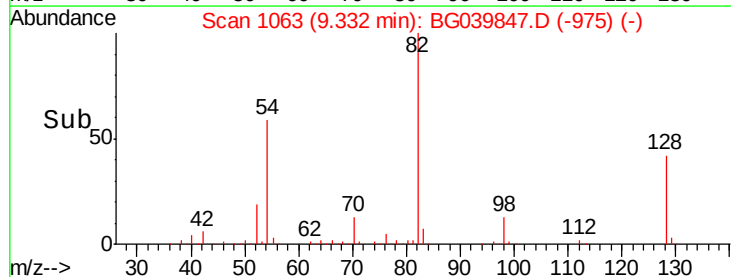


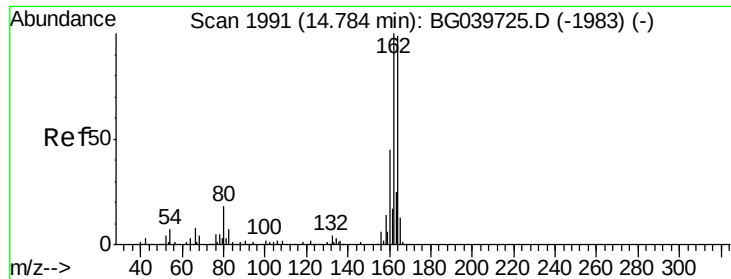
#23
Nitrobenzene-d5
Concen: 81.821 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039847.D
Acq: 11 Mar 2019 18:30

Tgt Ion:	82	Resp:	297731
Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.3	46.9
54	58.7	50.9	76.3



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

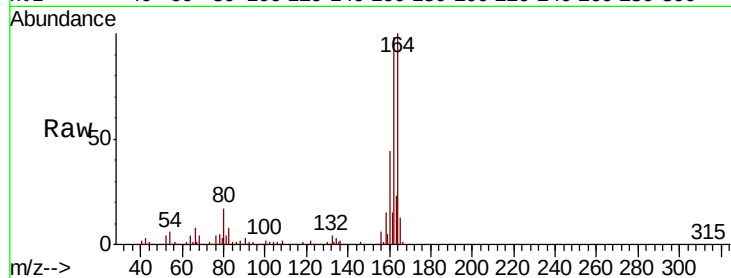




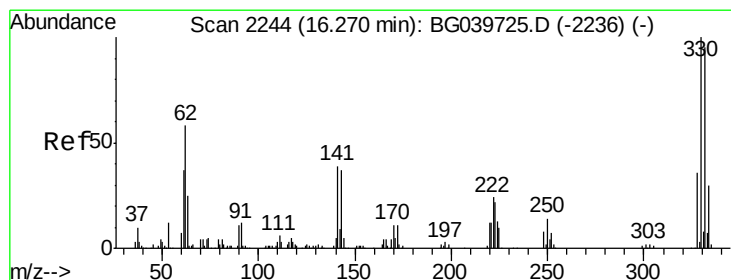
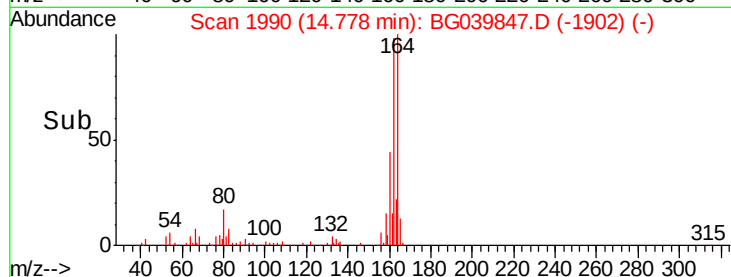
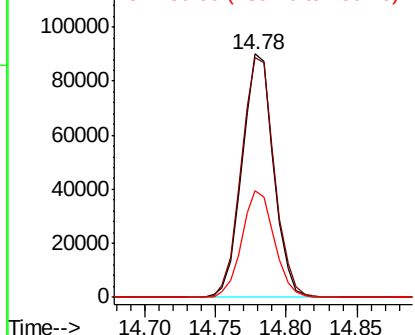
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039847.D
Acq: 11 Mar 2019 18:30

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:164 Resp: 140328
Ion Ratio Lower Upper
164 100
162 98.3 81.6 122.4
160 43.6 34.2 51.2

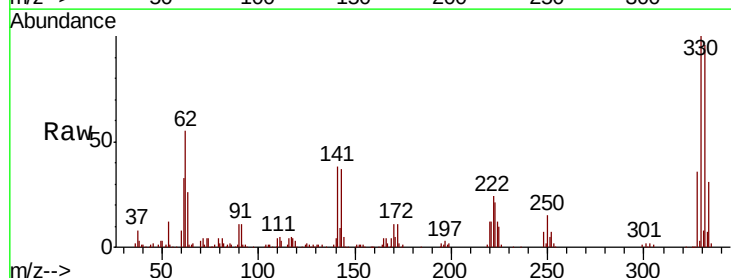


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

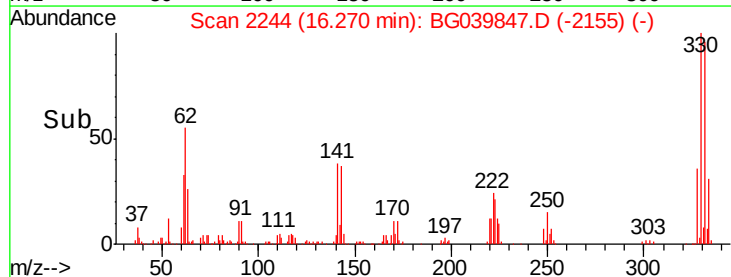
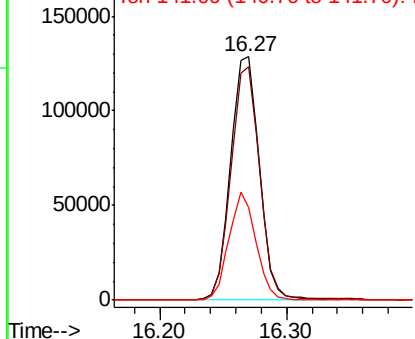


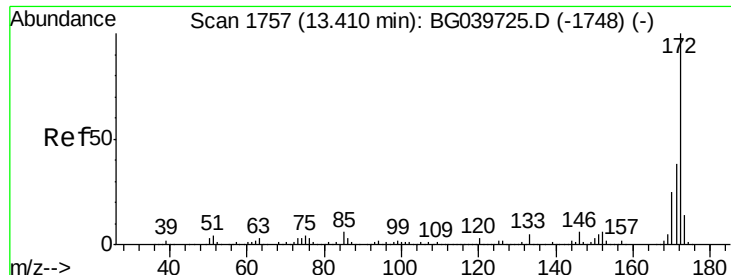
#42
2,4,6-Tribromophenol
Concen: 123.301 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039847.D
Acq: 11 Mar 2019 18:30

Tgt Ion:330 Resp: 201674
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 41.5 35.6 53.4



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

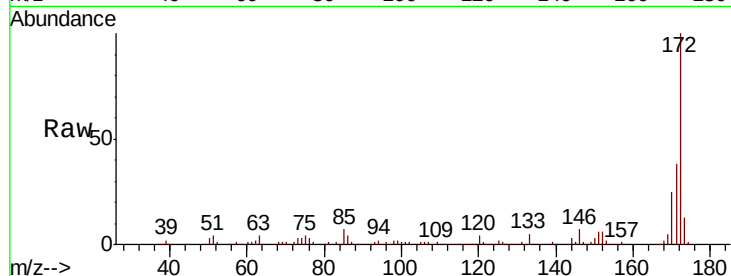




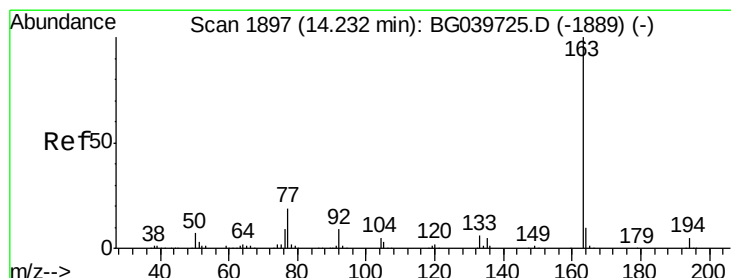
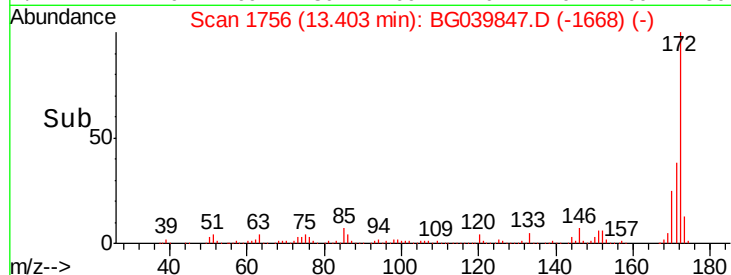
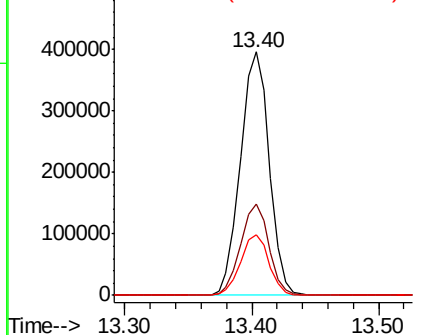
#45
2-Fluorobiphenyl
Concen: 63.215 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039847.D
Acq: 11 Mar 2019 18:30

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:172 Resp: 623030
Ion Ratio Lower Upper
172 100
171 37.7 30.8 46.2
170 24.8 20.2 30.4

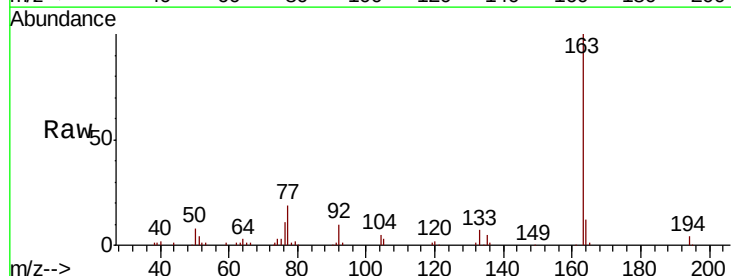


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

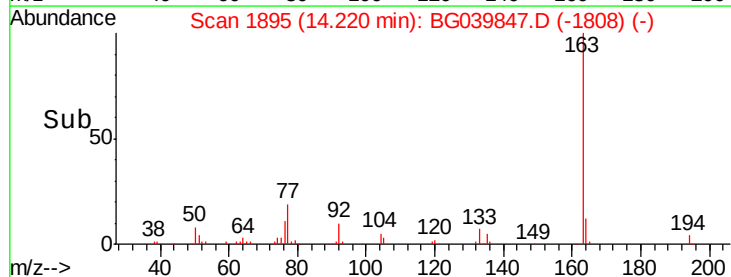
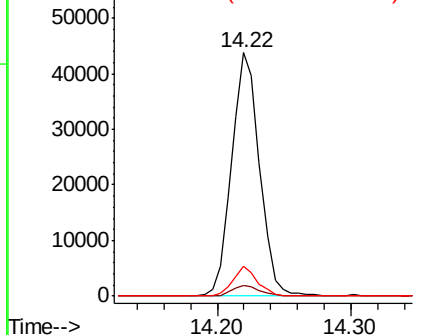


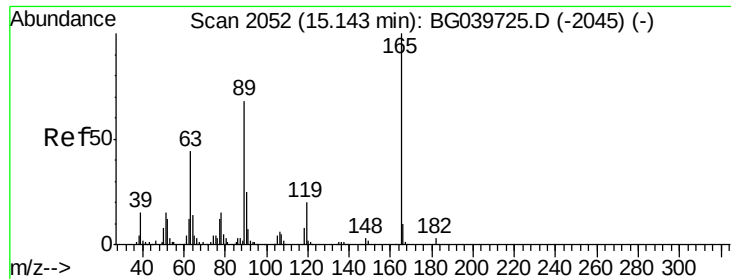
#50
Dimethylphthalate
Concen: 5.430 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039847.D
Acq: 11 Mar 2019 18:30

Tgt Ion:163 Resp: 63715
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 12.2 8.4 12.6



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: 5.166 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039847.D

Acq: 11 Mar 2019 18:30

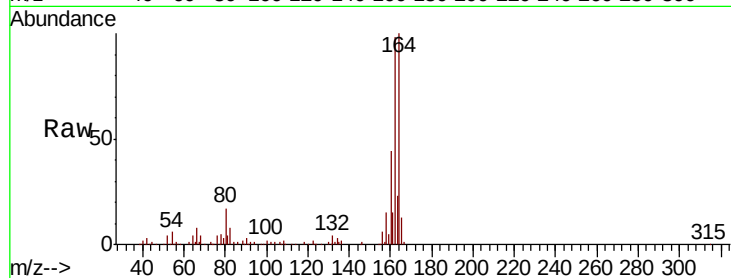
Instrument :

BNA_G

ClientSampleId :

TP-20

Tgt Ion:	165	Resp:	18057
Ion Ratio	Lower	Upper	
165	100		
63	0.0	41.0	61.6#
89	2.8	64.6	96.8#
182	0.0	2.0	3.0#

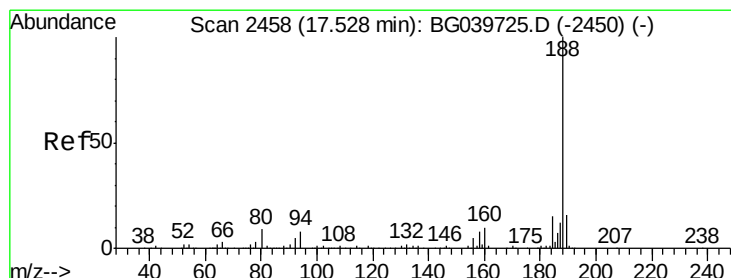
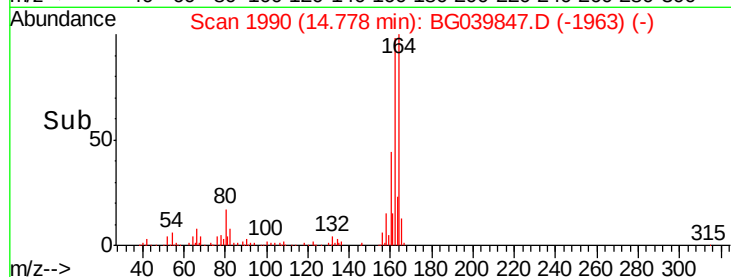
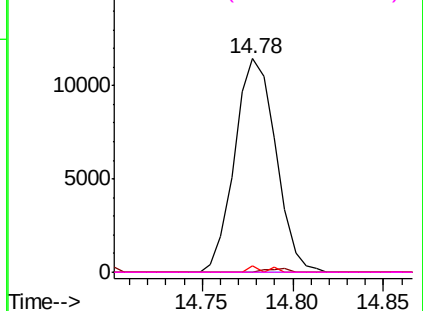


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

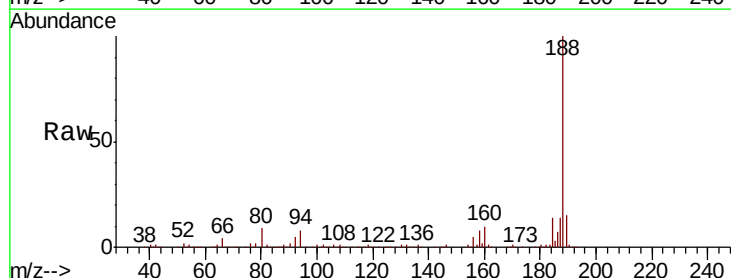
RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039847.D

Acq: 11 Mar 2019 18:30

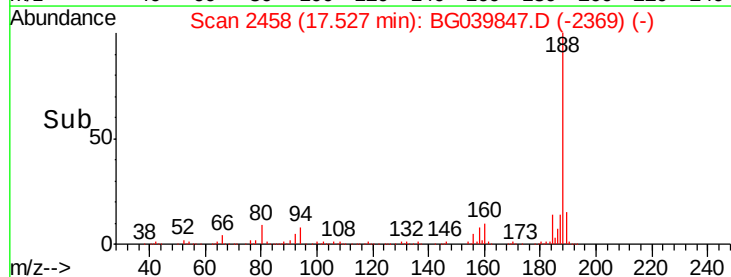
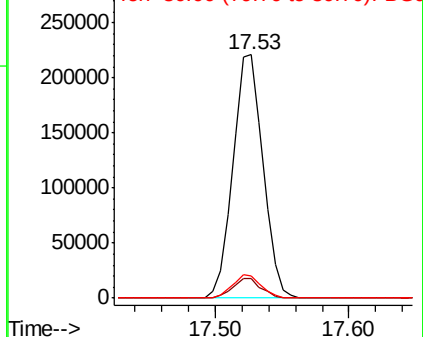
Tgt Ion:	188	Resp:	345563
Ion Ratio	Lower	Upper	
188	100		
94	8.0	6.9	10.3
80	9.2	8.1	12.1

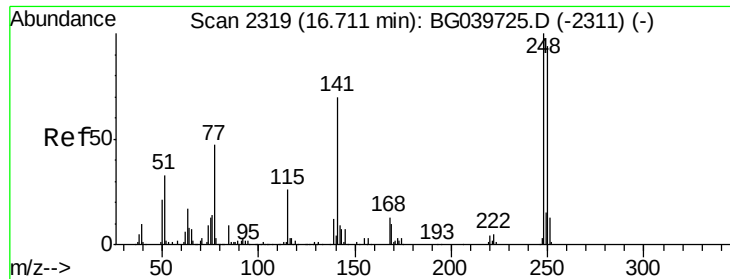


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

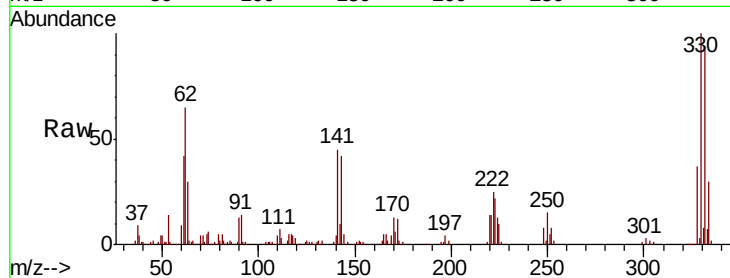




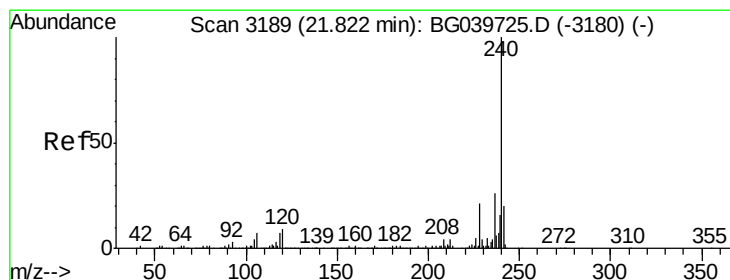
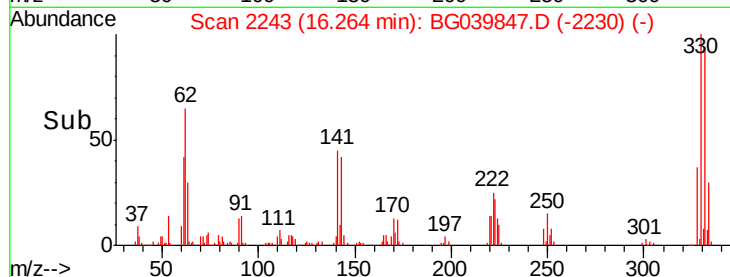
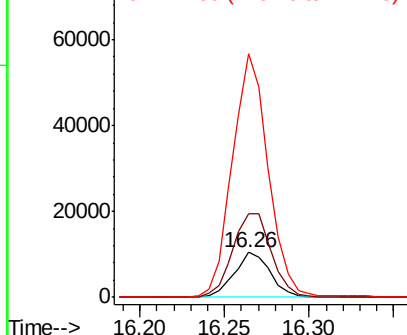
#67
 4-Bromophenyl-phenylether
 Concen: 4.045 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039847.D
 Acq: 11 Mar 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-20

Tgt Ion:248 Resp: 15645
 Ion Ratio Lower Upper
 248 100
 250 186.7 77.6 116.4#
 141 539.8 63.9 95.9#

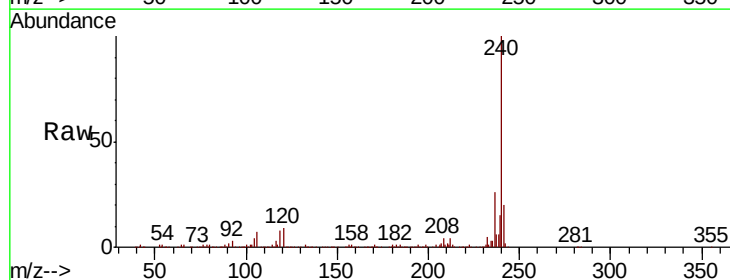


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

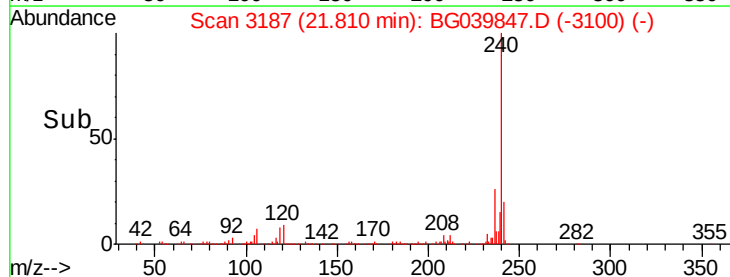
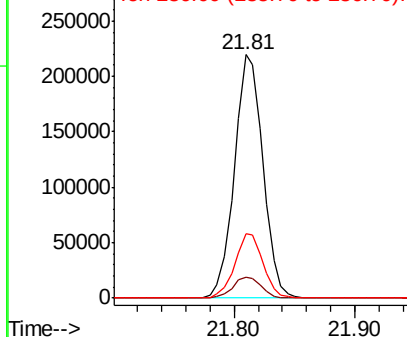


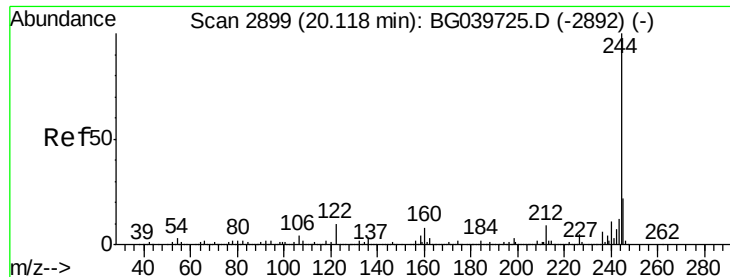
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039847.D
 Acq: 11 Mar 2019 18:30

Tgt Ion:240 Resp: 360733
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.0 10.6
 236 26.3 21.0 31.4



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: 62.733 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039847.D

Acq: 11 Mar 2019 18:30

Instrument :

BNA_G

ClientSampled :

TP-20

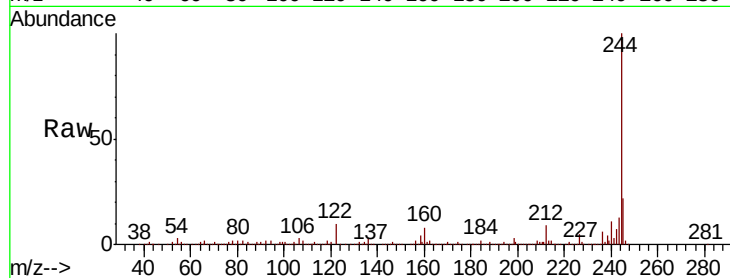
Tgt Ion:244 Resp: 1027792

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

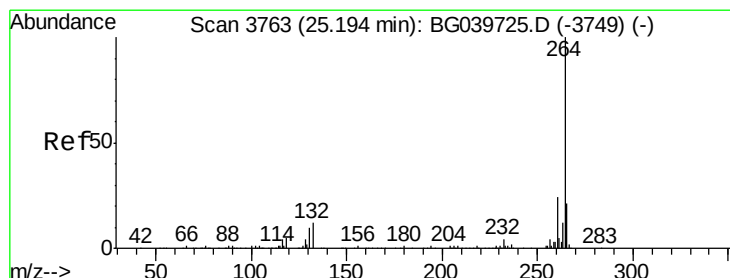
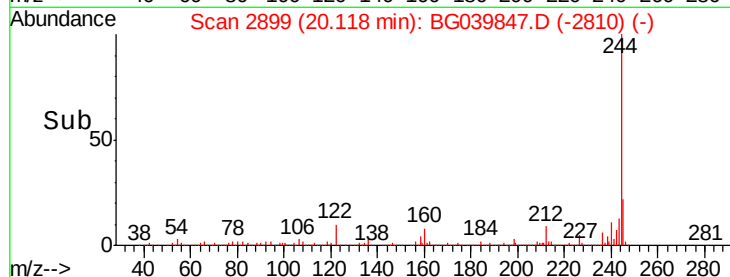
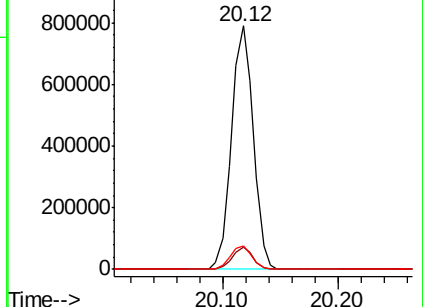
122 9.6 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039847.D

Acq: 11 Mar 2019 18:30

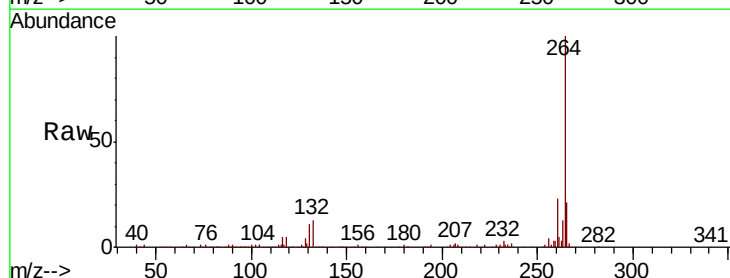
Tgt Ion:264 Resp: 362208

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 21.1 18.5 27.7



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

