

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039908.D
 Acq On : 13 Mar 2019 18:44
 Operator : JU/SJ
 Sample : PB117884TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 14 04:19:05 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

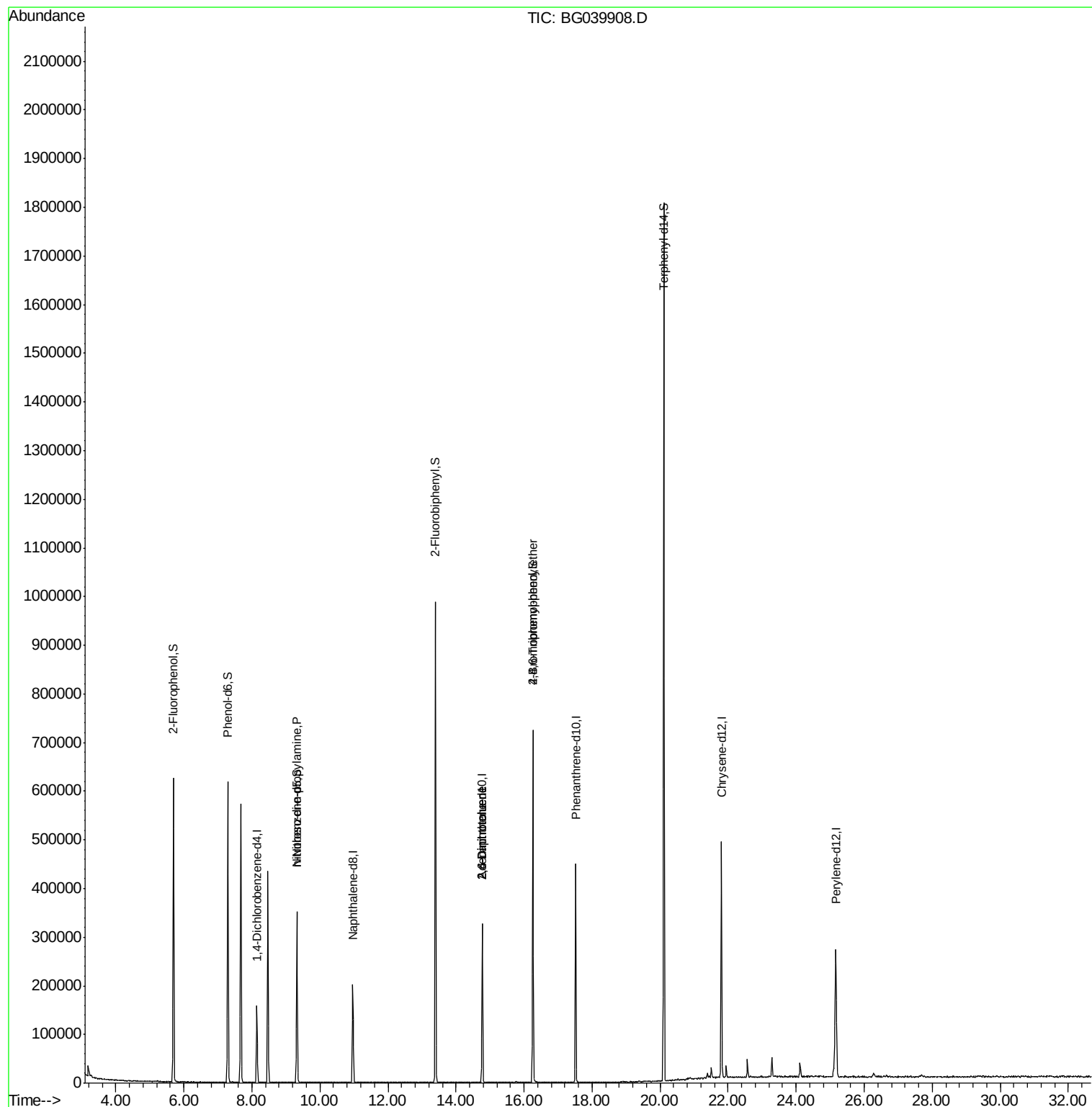
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43103	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176815	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	112797	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	274093	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	301994	20.00	ng	-0.03
87) Perylene-d12	25.16	264	298537	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	252067	99.77	ng	-0.02
7) Phenol-d6	7.29	99	349838	92.86	ng	-0.02
23) Nitrobenzene-d5	9.32	82	210775	64.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	125831	95.71	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	513791	64.86	ng	-0.02
79) Terphenyl-d14	20.11	244	838467	61.13	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	28237	10.414	ng	# 65
51) 2,6-Dinitrotoluene	14.77	165	14192	7.098	ng	# 23
57) 2,4-Dinitrotoluene	14.77	165	14192	5.051	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	10038	3.272	ng	# 1

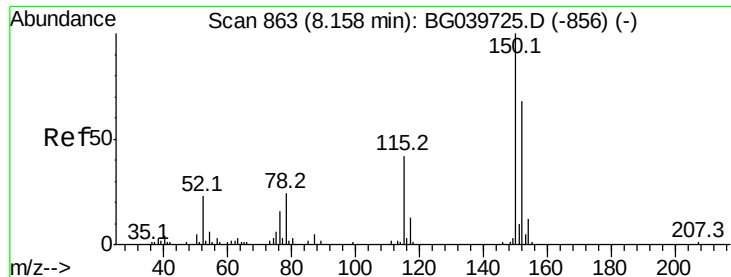
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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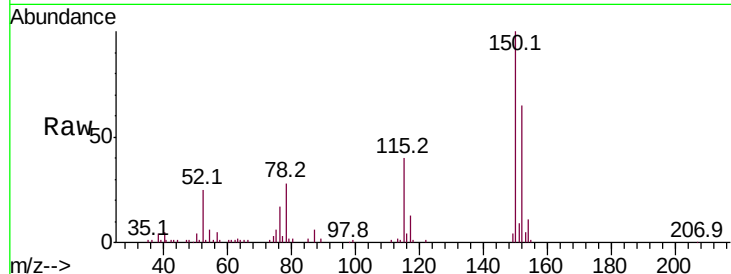


#1

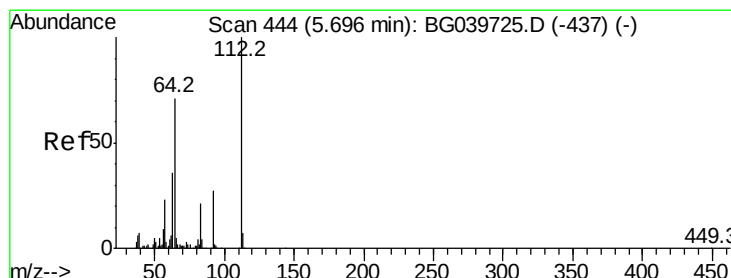
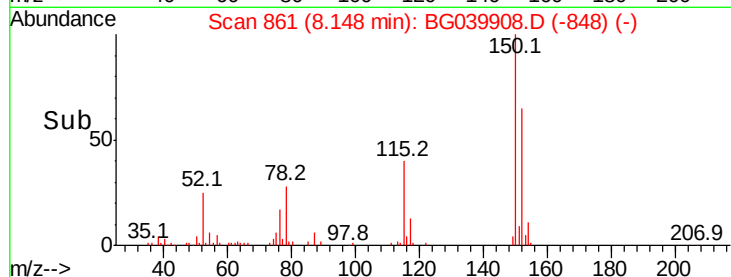
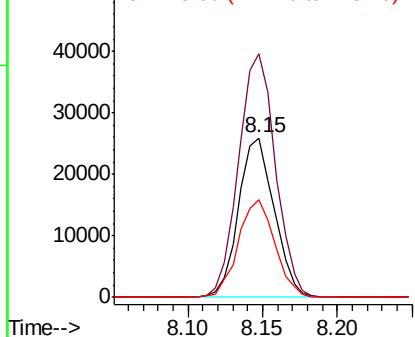
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43103
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 61.1 45.9 68.9



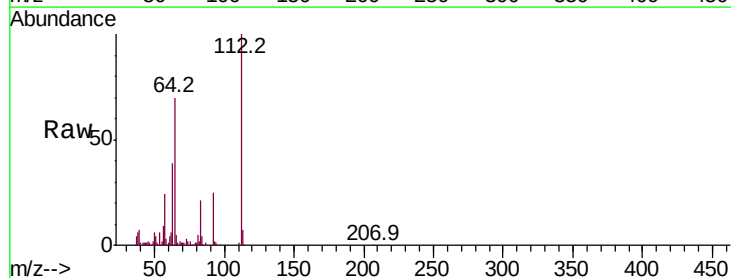
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



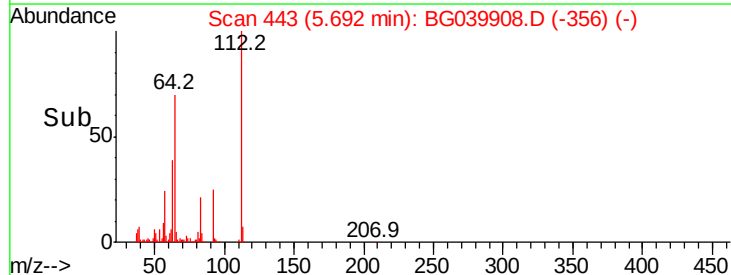
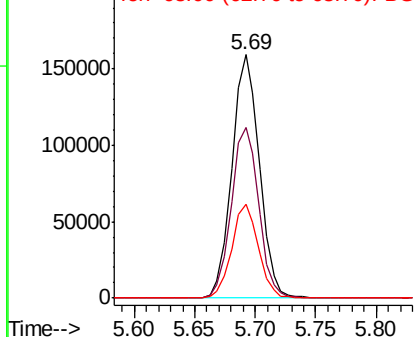
#5

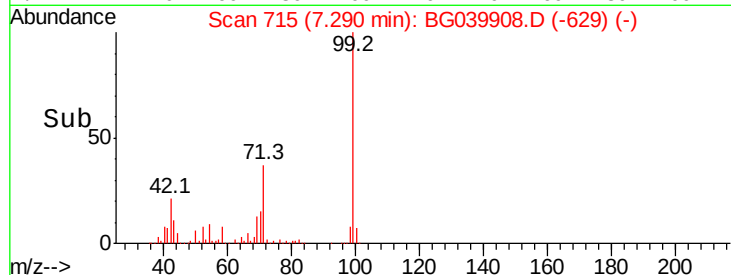
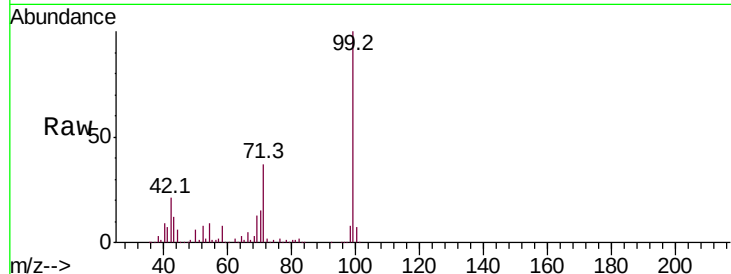
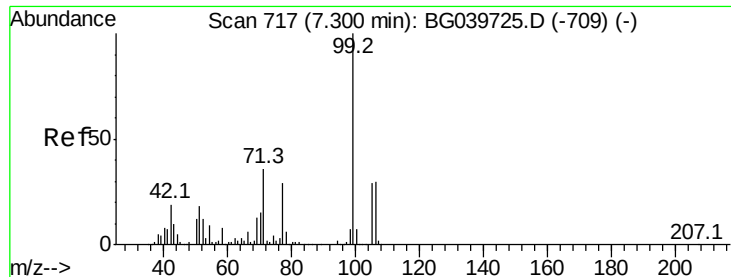
2-Fluorophenol
Concen: 99.768 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Tgt Ion:112 Resp: 252067
Ion Ratio Lower Upper
112 100
64 69.9 57.8 86.8
63 38.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 92.864 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

Instrument :

BNA_G

ClientSampleId :

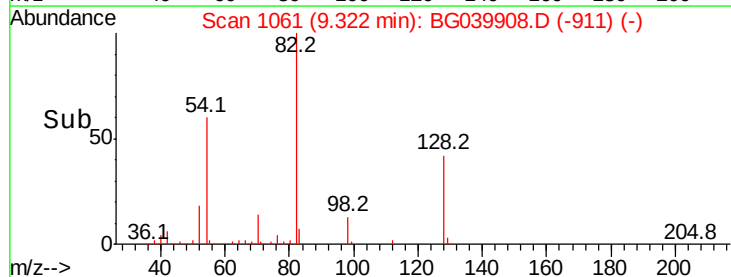
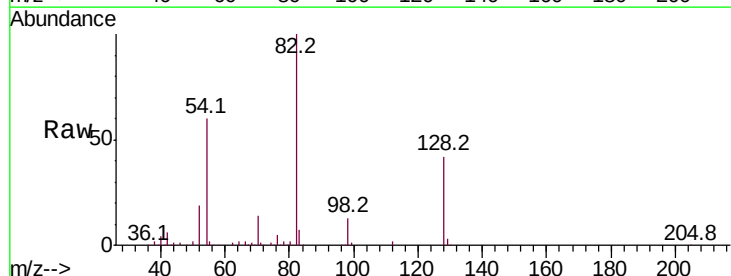
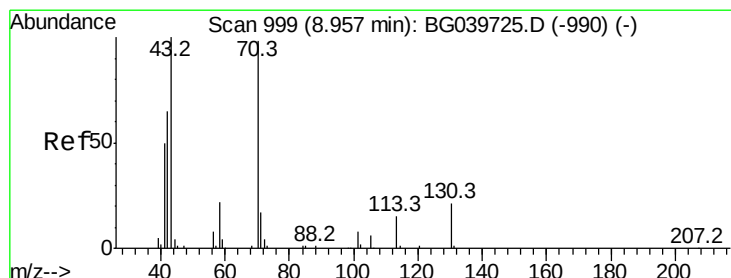
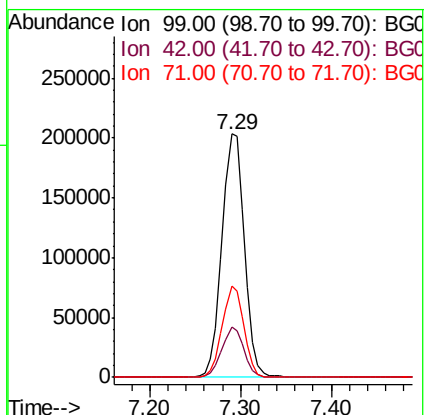
Tot Ion: 99 Resp: 349838

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.2

71 37.4 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.414 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

Tgt Ion: 70 Resp: 28237

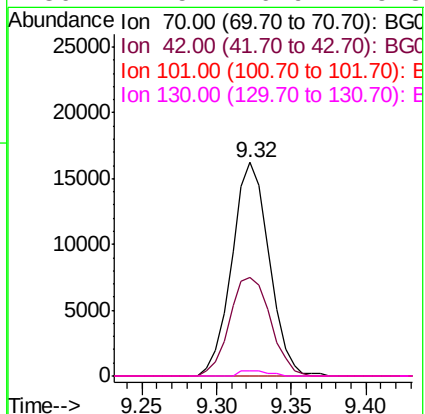
Ion Ratio Lower Upper

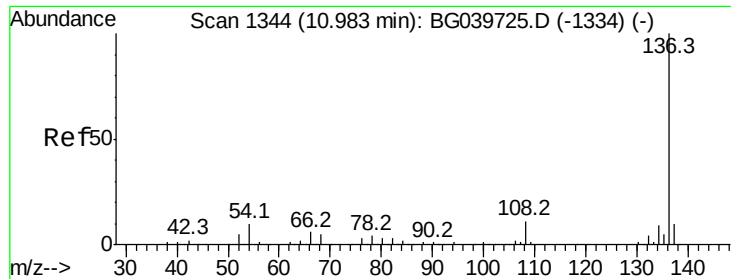
70 100

42 46.0 60.4 90.6#

101 0.0 7.5 11.3#

130 2.5 16.9 25.3#

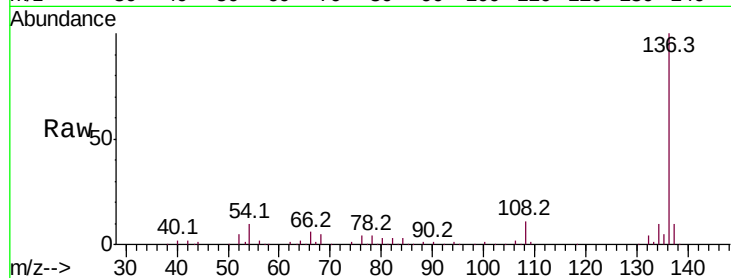




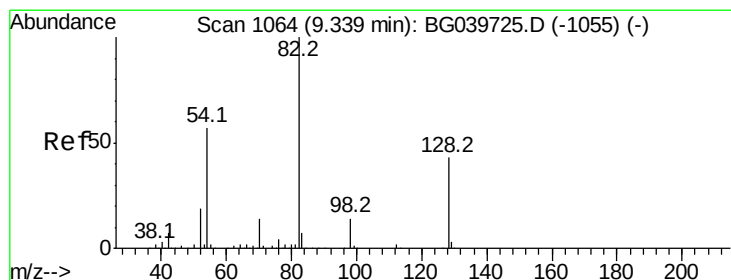
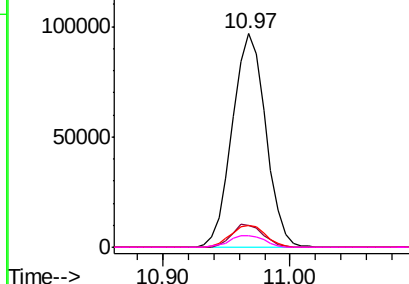
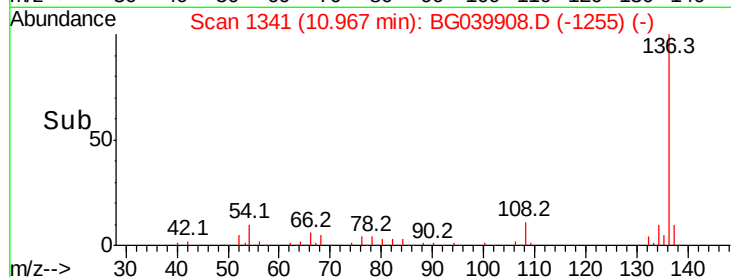
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	176815
Ion Ratio	Lower	Upper
136 100		
137 10.2	9.1	13.7
54 9.9	9.4	14.2
68 5.4	4.2	6.4

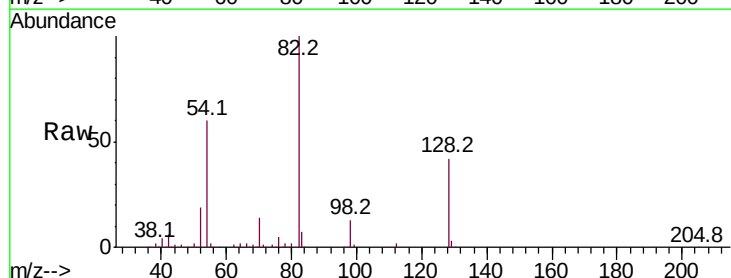


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

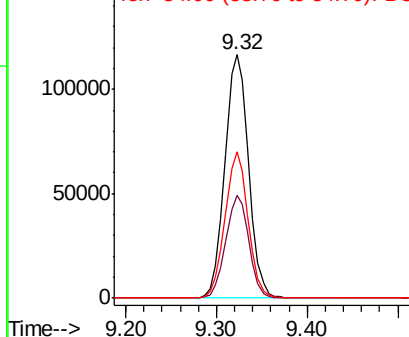
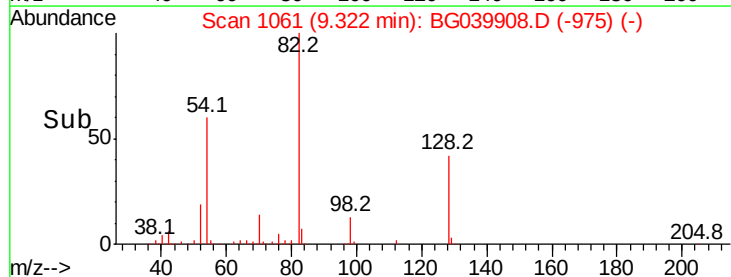


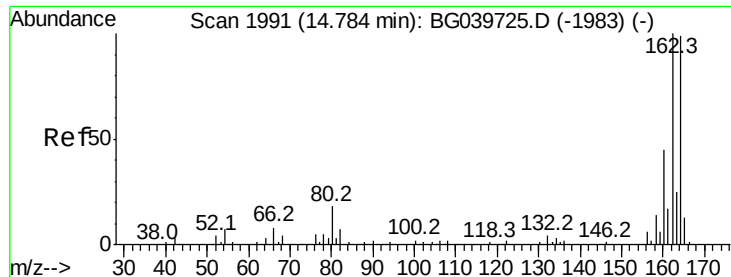
#23
Nitrobenzene-d5
Concen: 64.472 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Tgt Ion: 82	Resp: 210775
Ion Ratio	Lower Upper
82 100	
128 42.1	31.3 46.9
54 60.3	50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

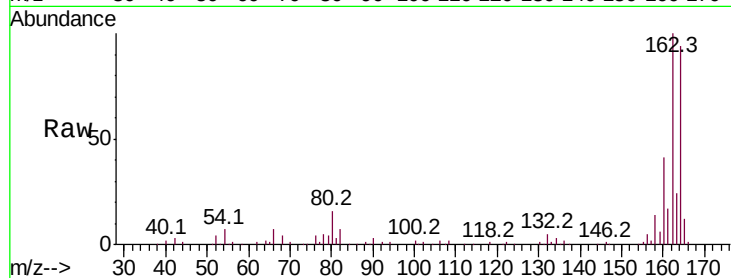




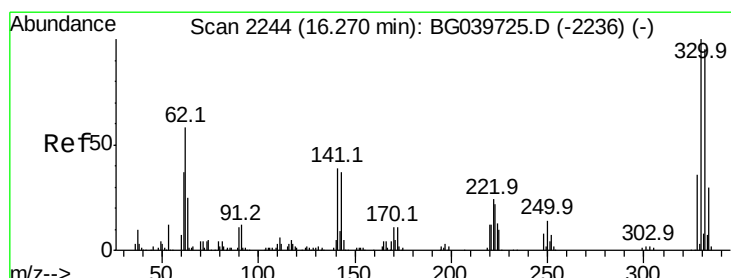
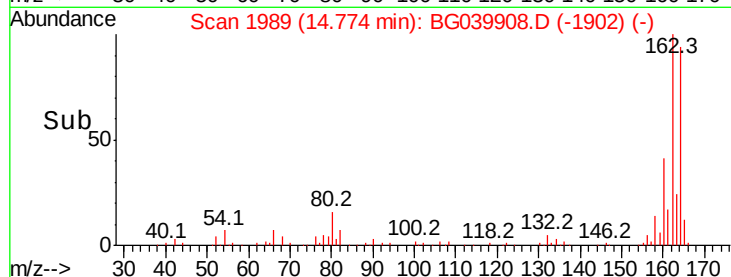
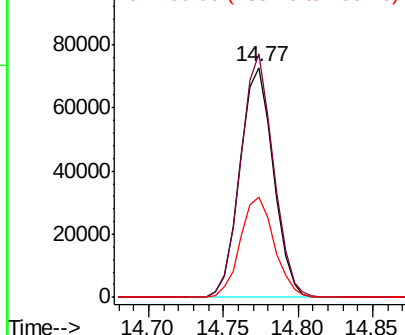
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 112797
Ion Ratio Lower Upper
164 100
162 106.0 81.6 122.4
160 43.8 34.2 51.2

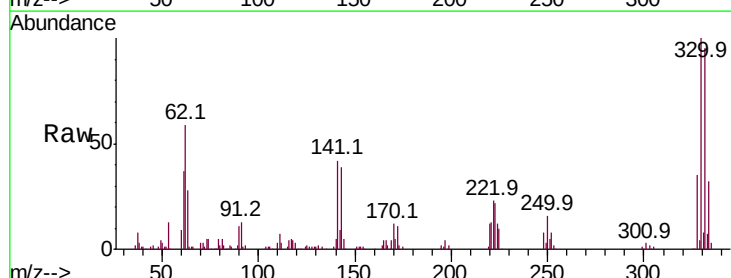


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

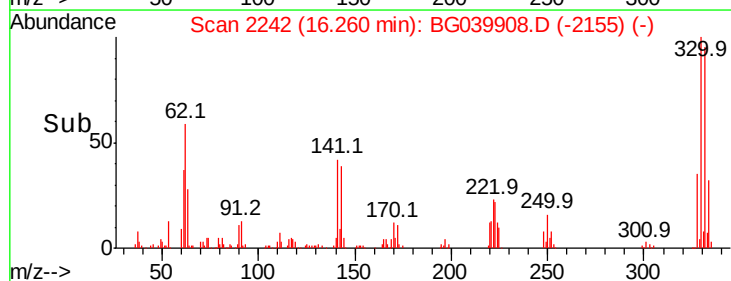
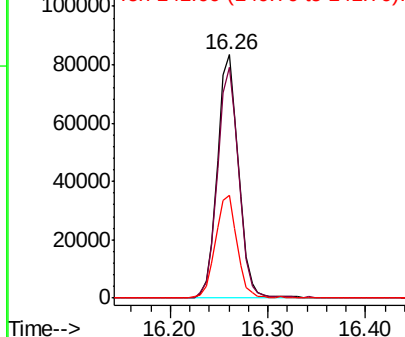


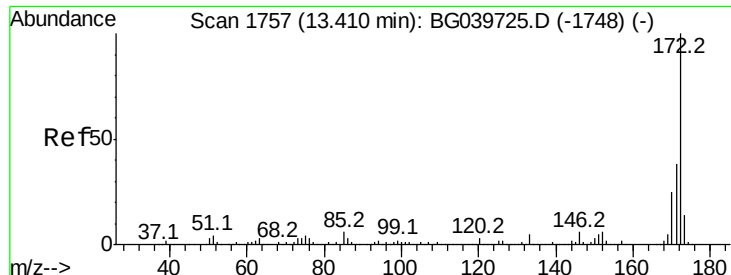
#42
2,4,6-Tribromophenol
Concen: 95.708 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039908.D
Acq: 13 Mar 2019 18:44

Tgt Ion:330 Resp: 125831
Ion Ratio Lower Upper
330 100
332 95.5 75.7 113.5
141 42.8 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

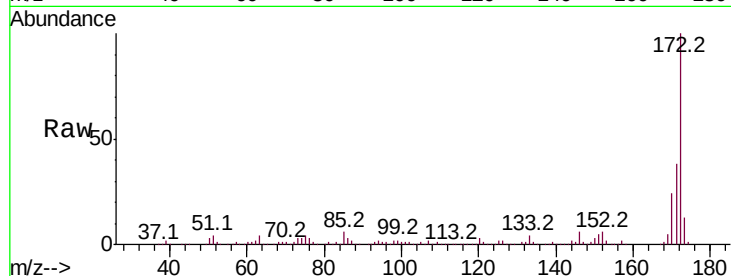




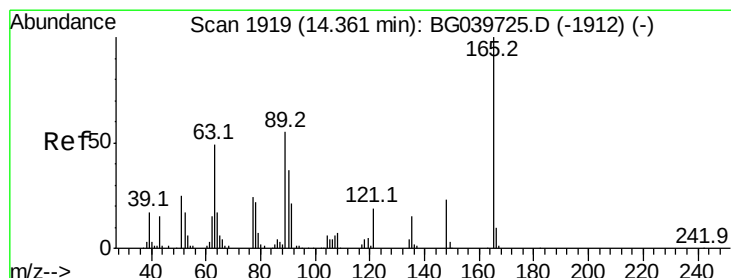
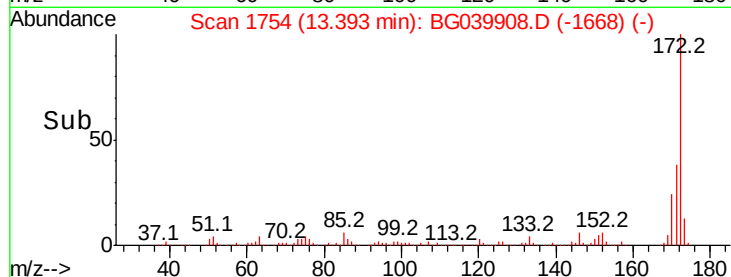
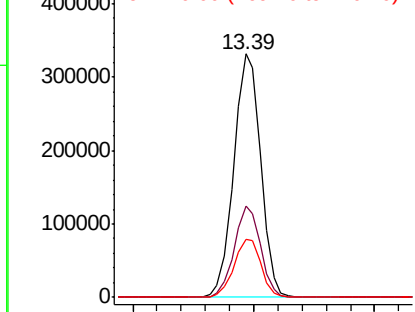
#45
 2-Fluorobiphenyl
 Concen: 64.856 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039908.D
 Acq: 13 Mar 2019 18:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 513791
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 24.0 20.2 30.4

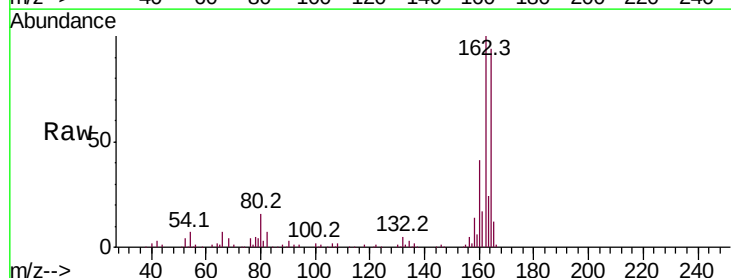


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

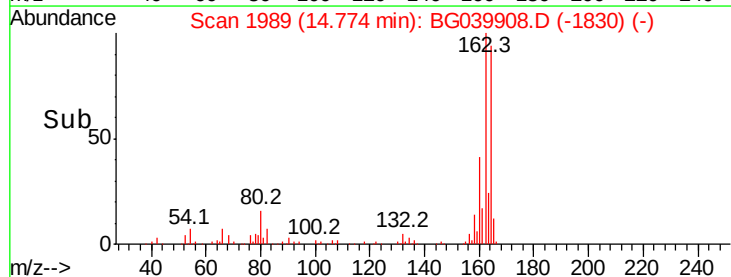
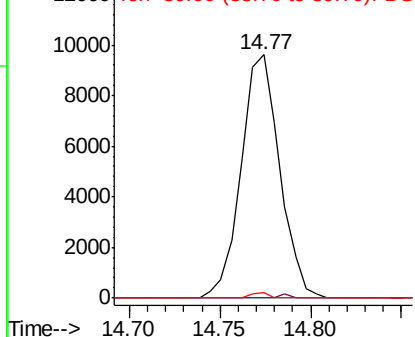


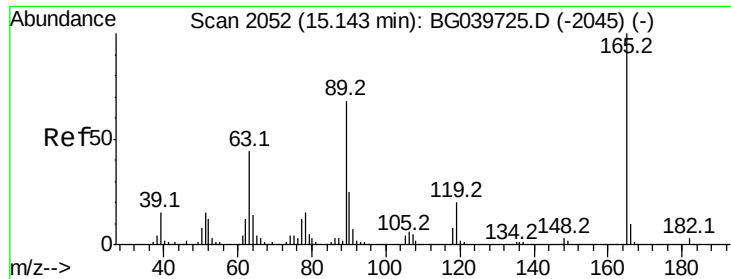
#51
 2,6-Dinitrotoluene
 Concen: 7.098 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.41 min
 Lab File: BG039908.D
 Acq: 13 Mar 2019 18:44

Tgt Ion:165 Resp: 14192
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 2.2 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

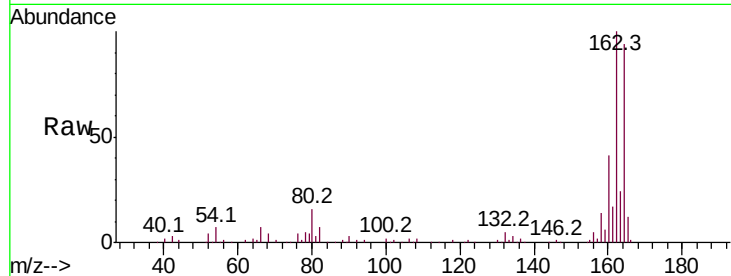




#57
 2,4-Dinitrotoluene
 Concen: 5.051 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.38 min
 Lab File: BG039908.D
 Acq: 13 Mar 2019 18:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#

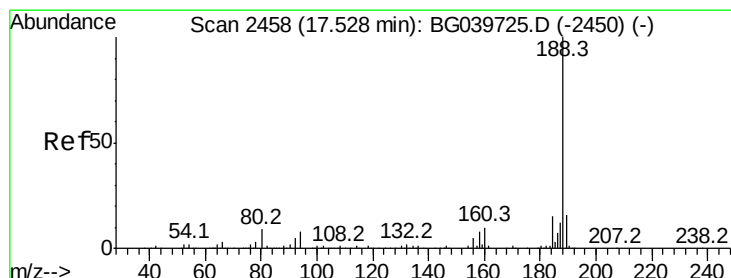
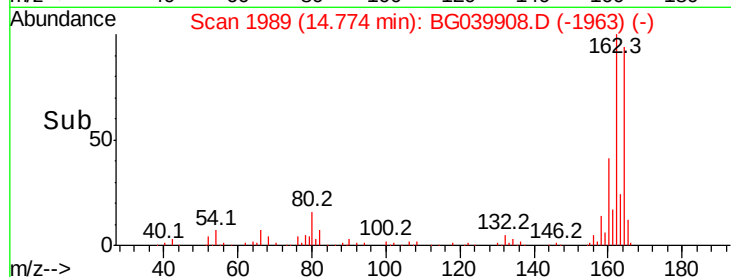
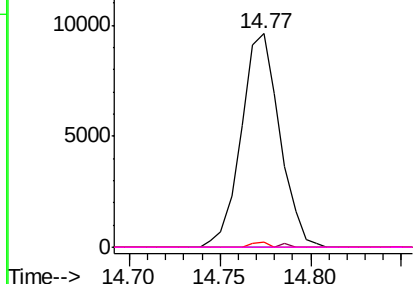


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

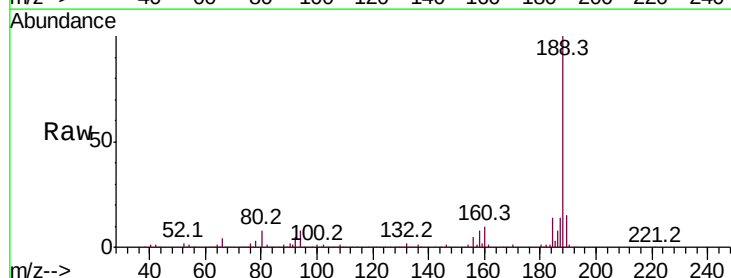
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039908.D
 Acq: 13 Mar 2019 18:44

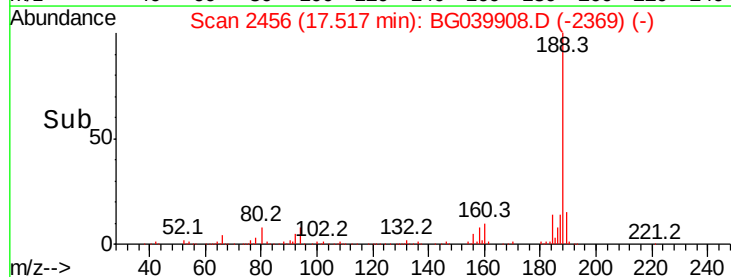
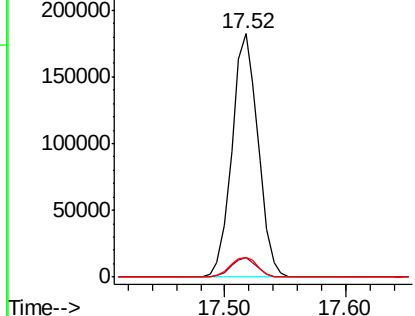
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.1	8.1	12.1

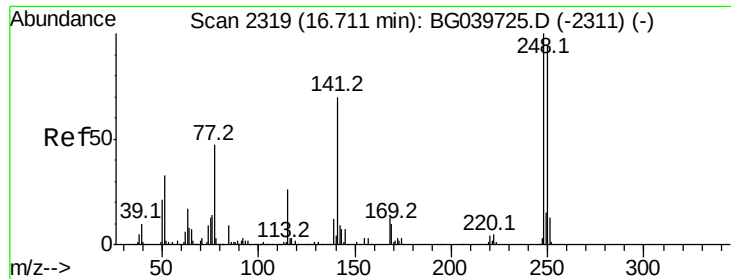


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 3.272 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.46 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

Instrument :

BNA_G

ClientSampled :

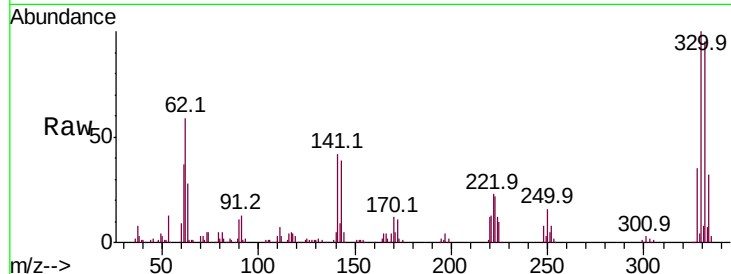
Tot Ion:248 Resp: 10038

Ion Ratio Lower Upper

248 100

250 198.7 77.6 116.4#

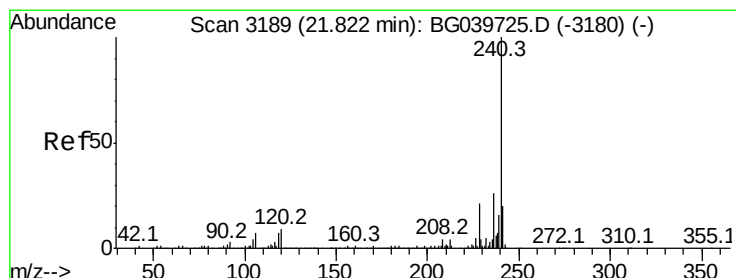
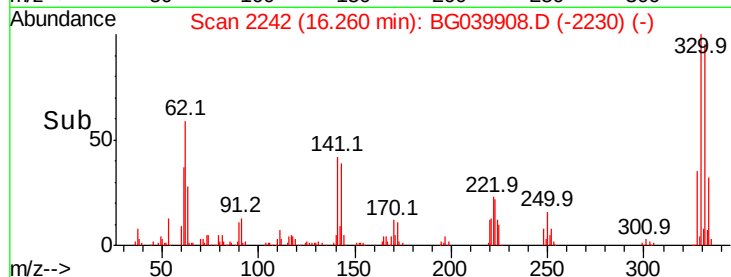
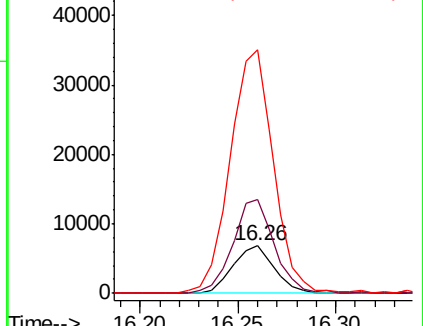
141 515.7 63.9 95.9#



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

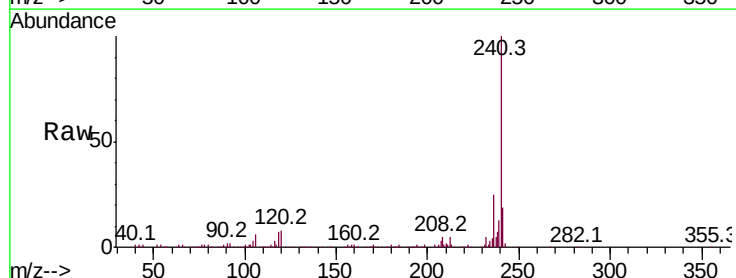
Tgt Ion:240 Resp: 301994

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

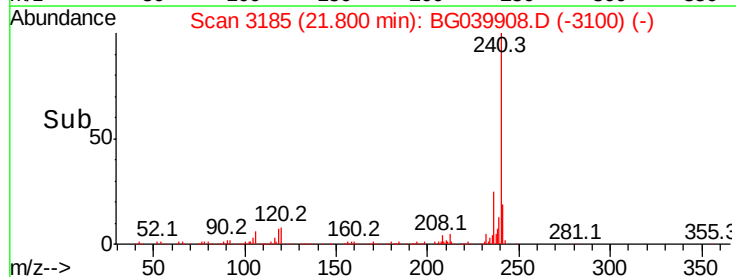
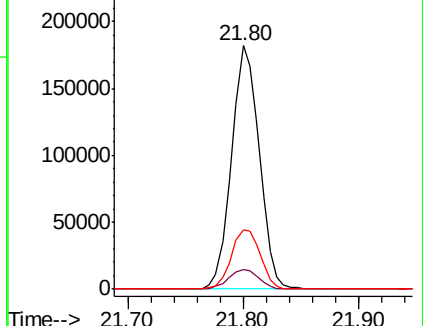
236 24.6 21.0 31.4

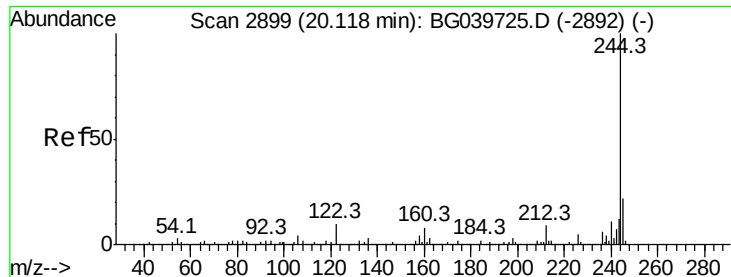


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.132 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

Instrument :

BNA_G

ClientSampleId :

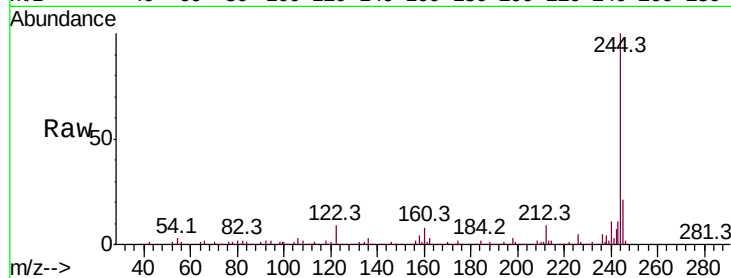
Tot Ion:244 Resp: 838467

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

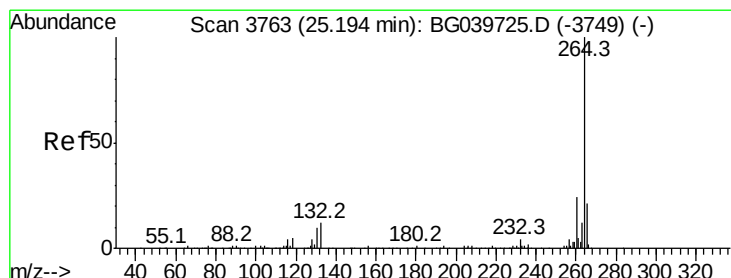
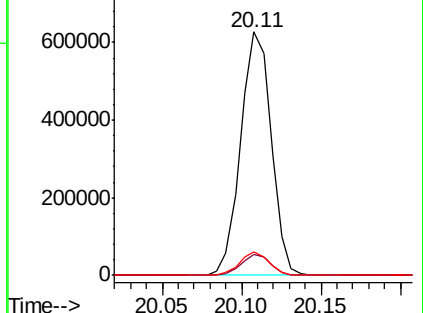
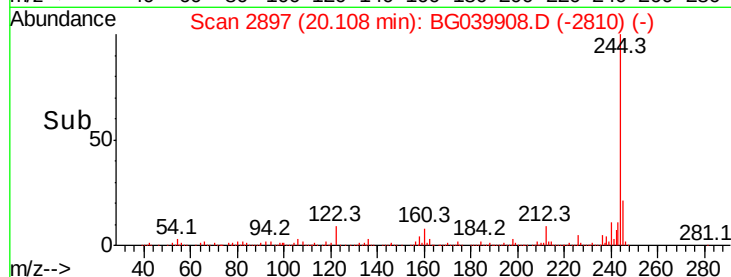
122 9.5 8.4 12.6



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG039908.D

Acq: 13 Mar 2019 18:44

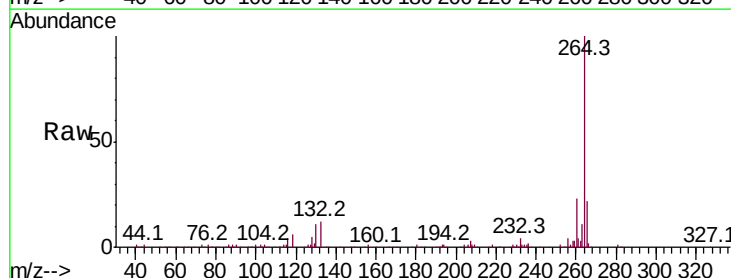
Tgt Ion:264 Resp: 298537

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 22.0 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

