

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039798.D
 Acq On : 6 Mar 2019 22:04
 Operator : JU/SJ
 Sample : PB117669BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BL

Quant Time: Mar 07 00:12:52 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

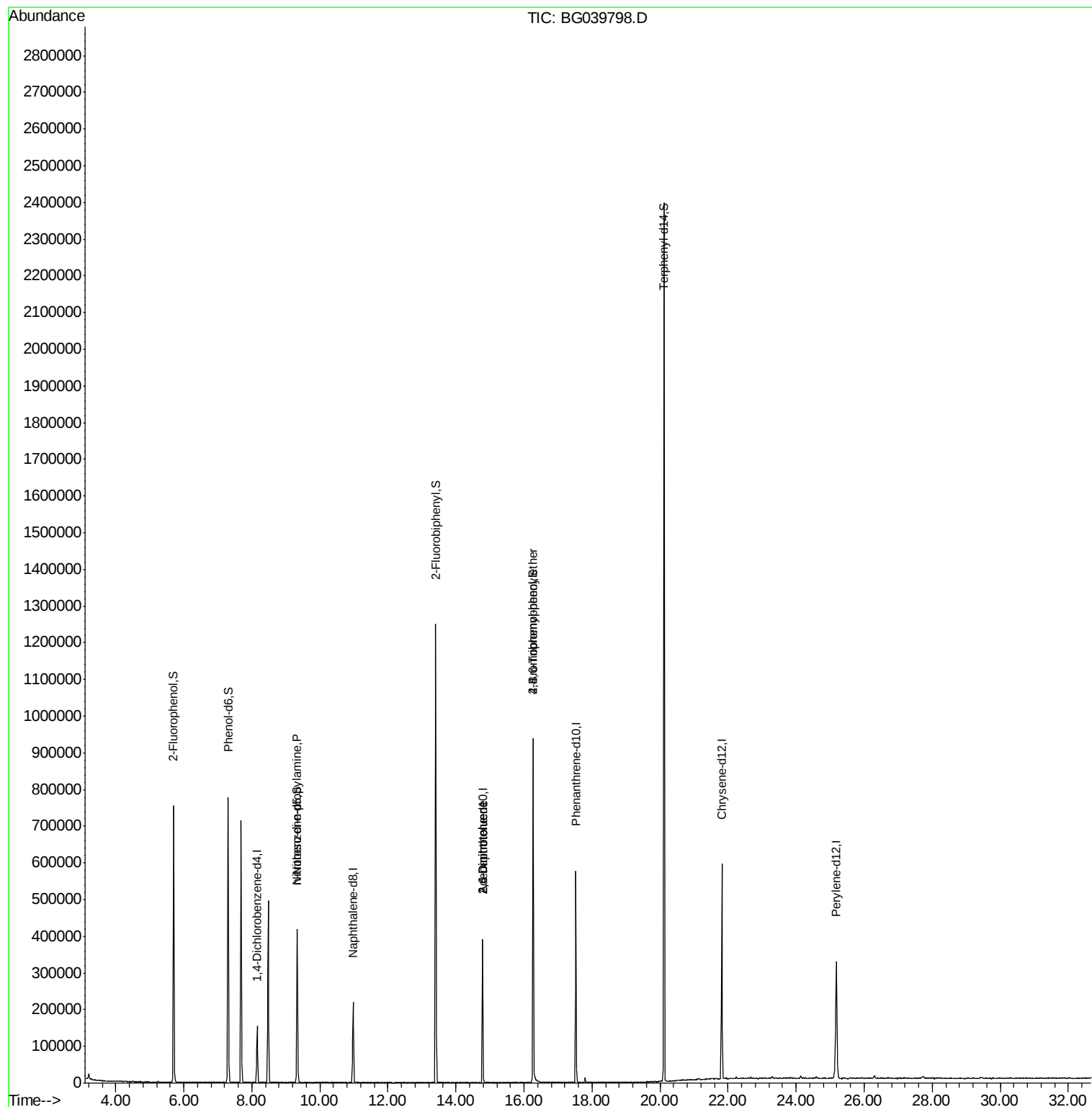
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41874	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	187062	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	133392	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	342185	20.00	ng	0.00
76) Chrysene-d12	21.81	240	353908	20.00	ng	-0.02
87) Perylene-d12	25.18	264	355324	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	308948	125.87	ng	0.00
7) Phenol-d6	7.30	99	453447	123.90	ng	0.00
23) Nitrobenzene-d5	9.33	82	254853	73.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	173593	111.65	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	674042	71.95	ng	0.00
79) Terphenyl-d14	20.11	244	1158554	72.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	33569	12.743	ng	# 67
51) 2,6-Dinitrotoluene	14.78	165	16666	7.048	ng	# 24
57) 2,4-Dinitrotoluene	14.78	165	16666	5.016	ng	# 19
67) 4-Bromophenyl-phenylether	16.27	248	13088	3.417	ng	# 1

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

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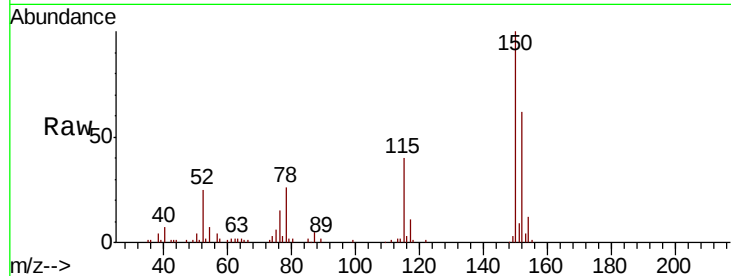


#1

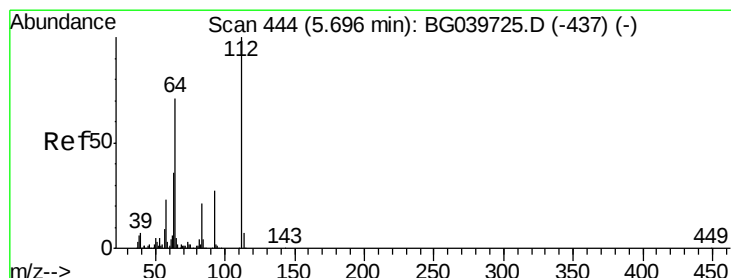
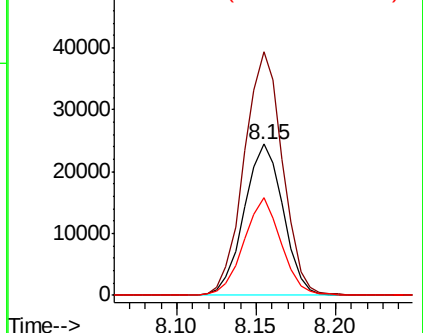
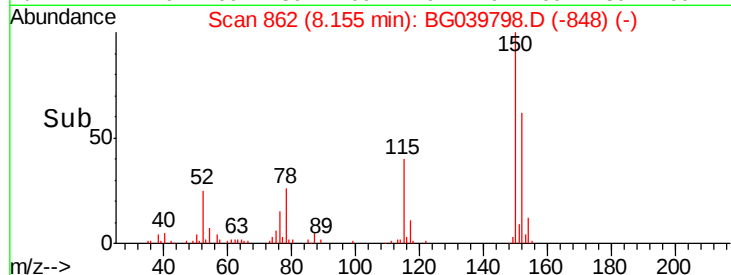
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039798.D
Acq: 6 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
PB117669BL

Tgt Ion:152 Resp: 41874
Ion Ratio Lower Upper
152 100
150 161.3 123.7 185.5
115 64.6 45.9 68.9



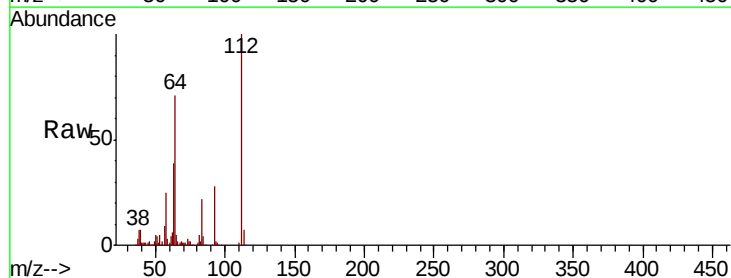
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



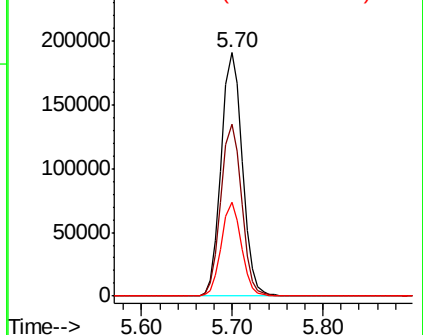
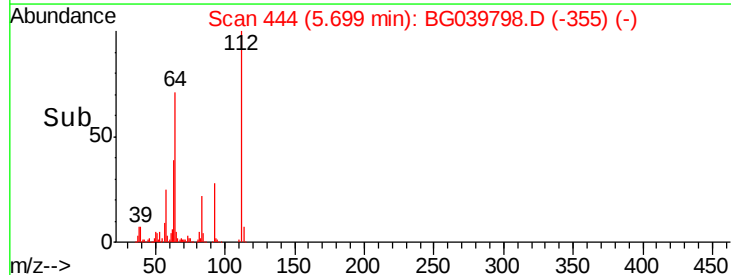
#5

2-Fluorophenol
Concen: 125.870 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039798.D
Acq: 6 Mar 2019 22:04

Tgt Ion:112 Resp: 308948
Ion Ratio Lower Upper
112 100
64 70.8 57.8 86.8
63 38.6 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: 123.899 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

Instrument :

BNA_G

ClientSampleId :

PB117669BL

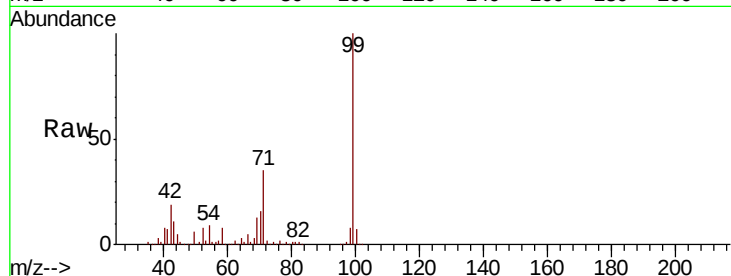
Tgt Ion: 99 Resp: 453447

Ion Ratio Lower Upper

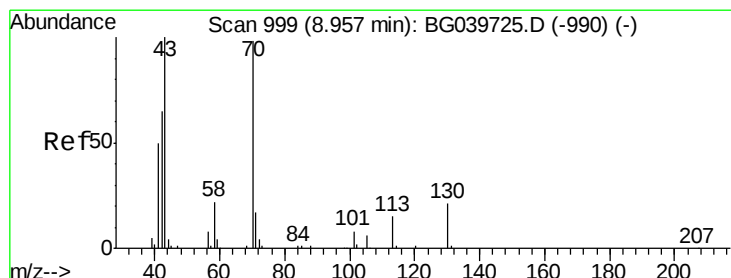
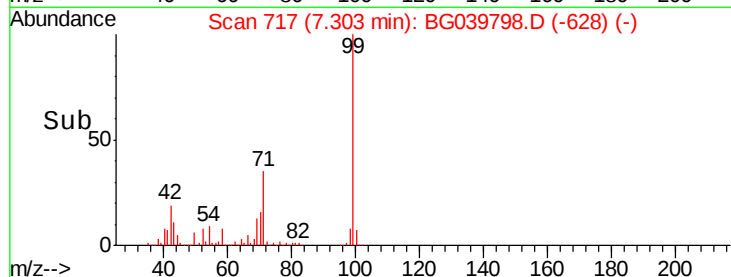
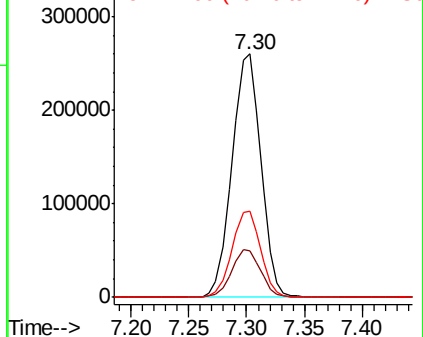
99 100

42 19.3 18.2 27.2

71 35.4 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: 12.743 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

Tgt Ion: 70 Resp: 33569

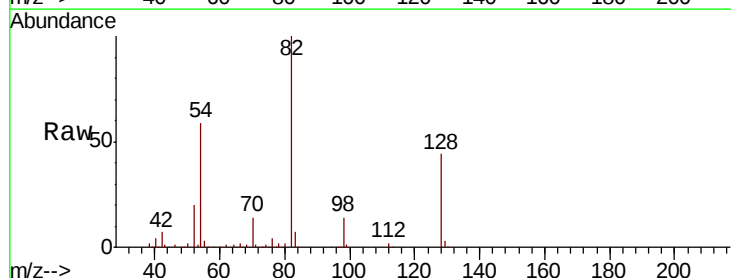
Ion Ratio Lower Upper

70 100

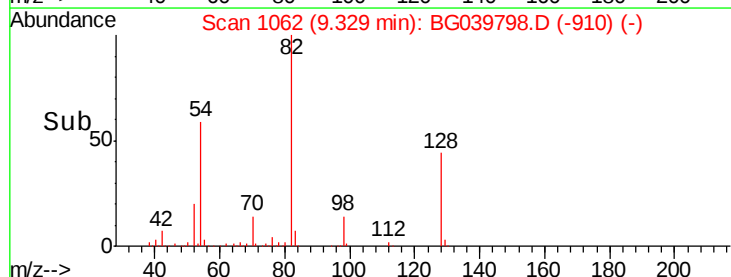
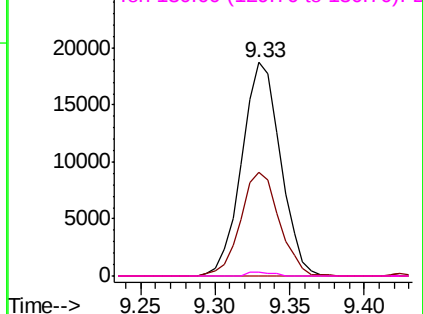
42 48.6 60.4 90.6#

101 0.0 7.5 11.3#

130 1.8 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

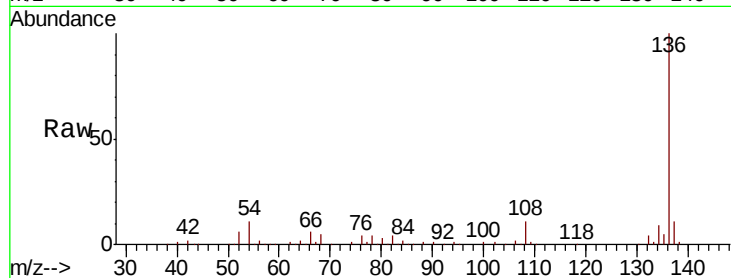




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039798.D
Acq: 6 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
PB117669BL

Tgt Ion:	136	Resp:	187062
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.8	9.4	14.2
68	5.1	4.2	6.4



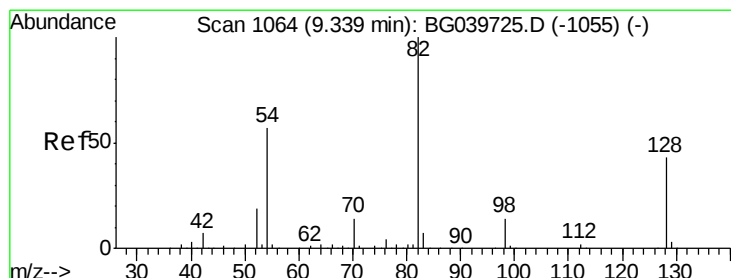
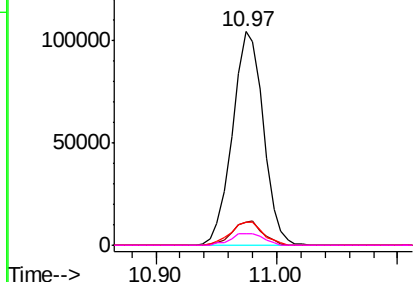
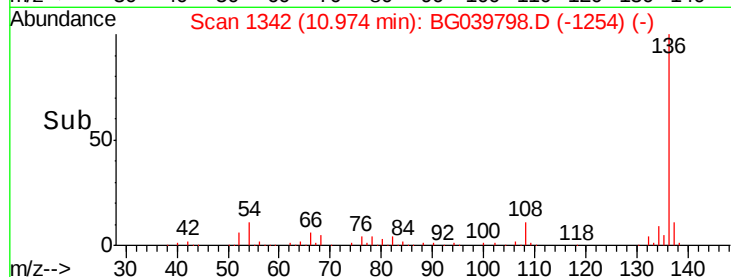
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

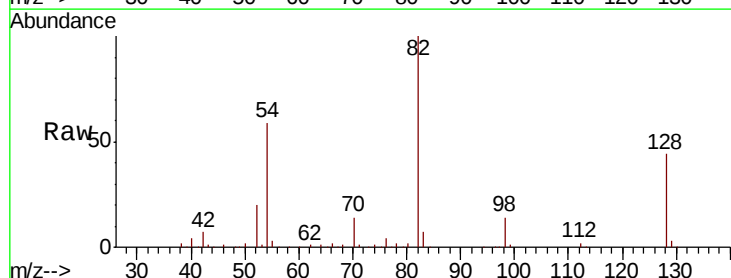
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 73.684 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039798.D
Acq: 6 Mar 2019 22:04

Tgt Ion:	82	Resp:	254853
Ion	Ratio	Lower	Upper
82	100		
128	43.9	31.3	46.9
54	59.3	50.9	76.3

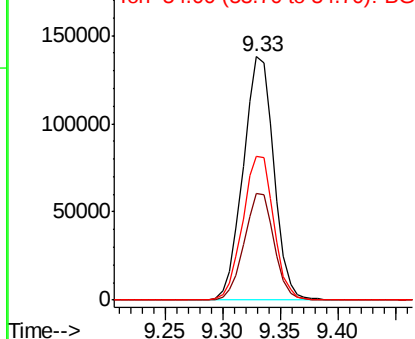
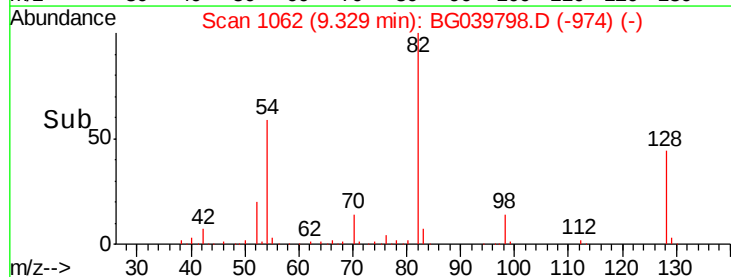


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

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: BG039798.D

Acq: 6 Mar 2019 22:04

Instrument :

BNA_G

ClientSampleId :

PB117669BL

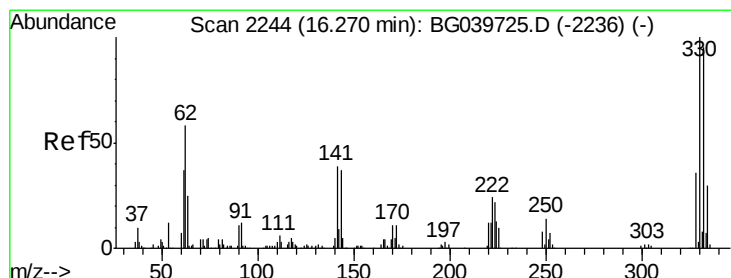
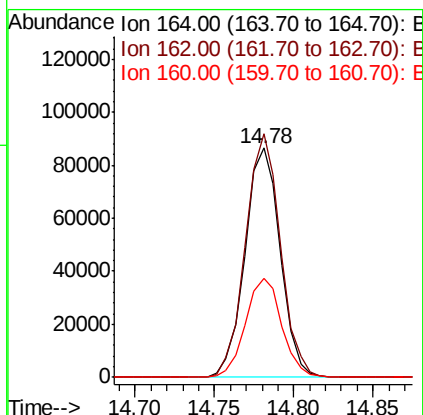
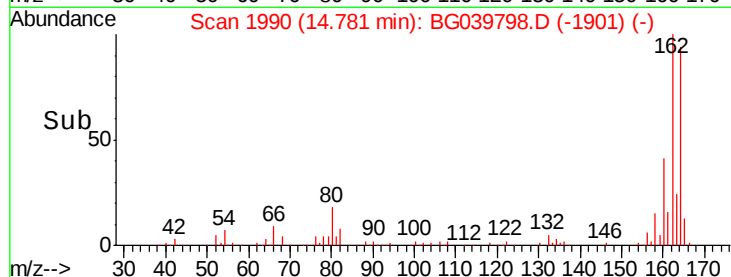
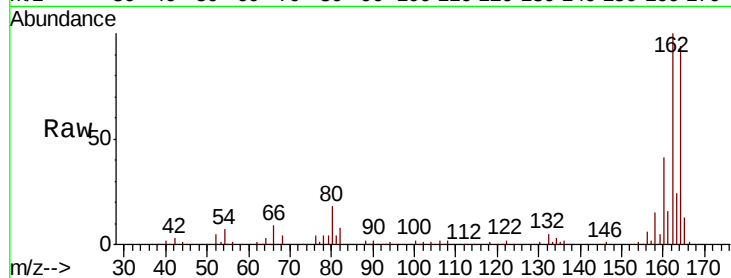
Tgt Ion:164 Resp: 133392

Ion Ratio Lower Upper

164 100

162 106.1 81.6 122.4

160 43.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 111.651 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

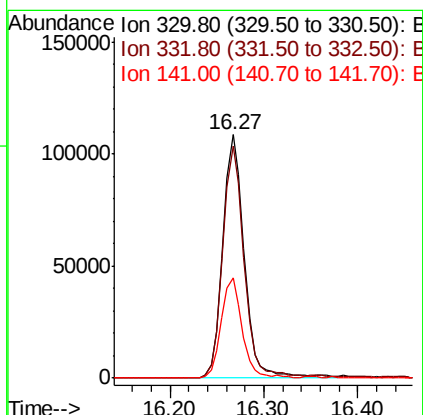
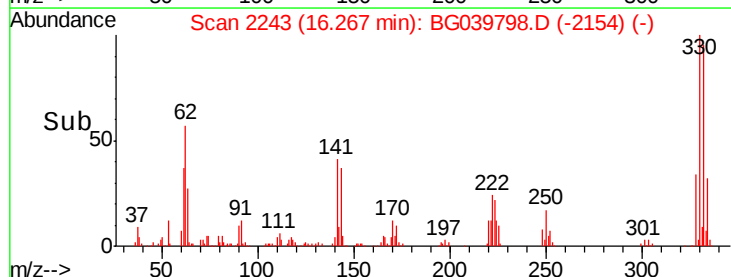
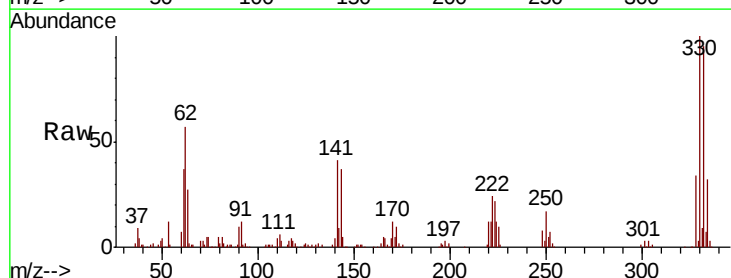
Tgt Ion:330 Resp: 173593

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

141 40.3 35.6 53.4

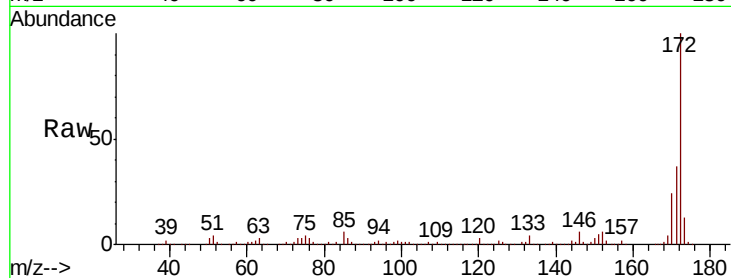




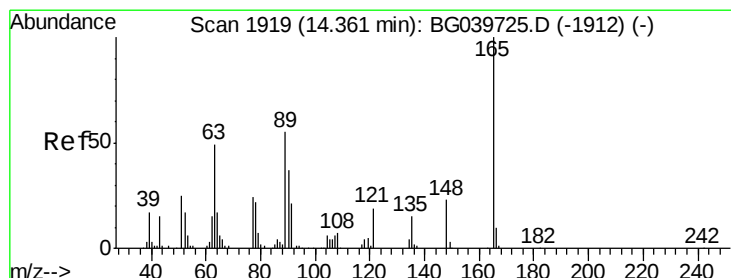
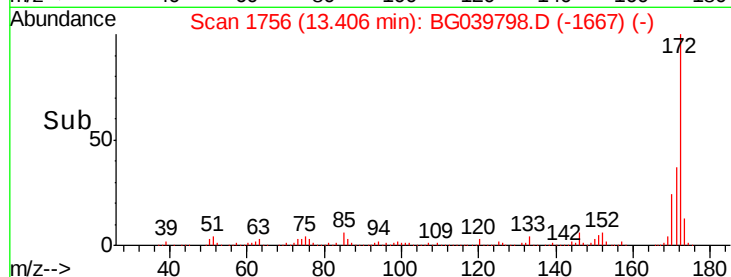
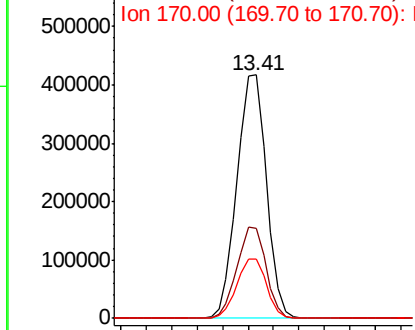
#45
 2-Fluorobiphenyl
 Concen: 71.947 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039798.D
 Acq: 6 Mar 2019 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BL

Tgt Ion:172 Resp: 674042
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.2 20.2 30.4

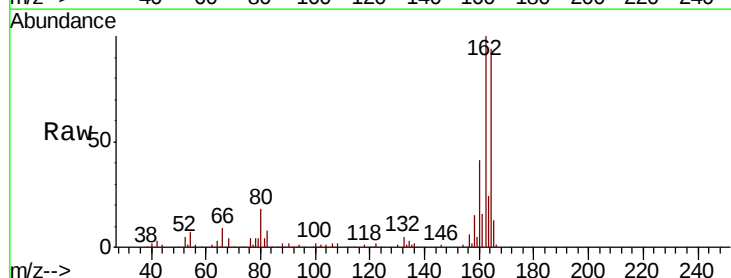


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

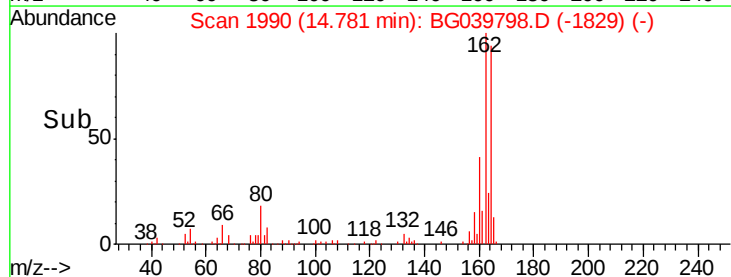
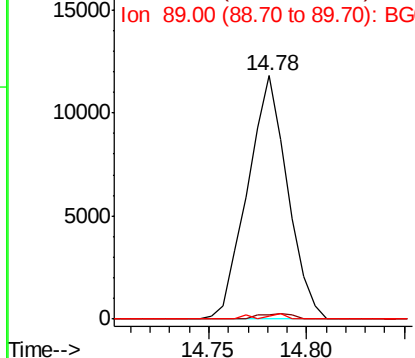


#51
 2,6-Dinitrotoluene
 Concen: 7.048 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039798.D
 Acq: 6 Mar 2019 22:04

Tgt Ion:165 Resp: 16666
 Ion Ratio Lower Upper
 165 100
 63 1.7 47.0 70.6#
 89 1.4 45.8 68.8#



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

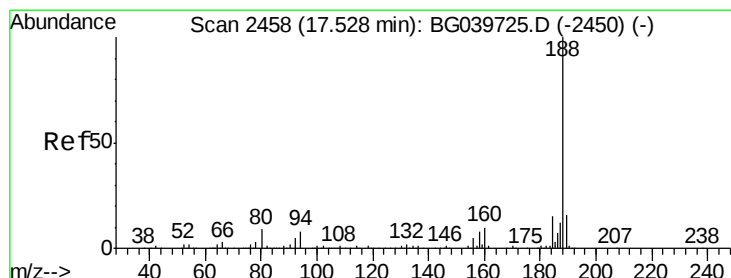
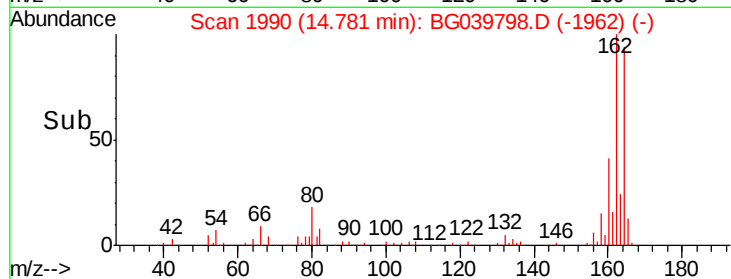
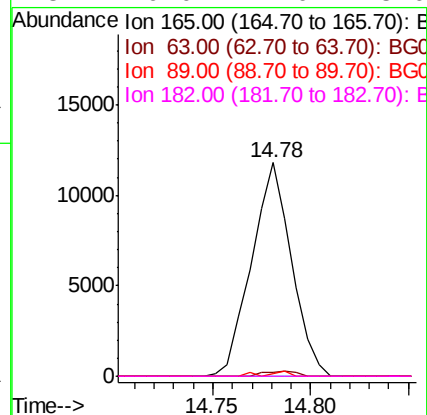
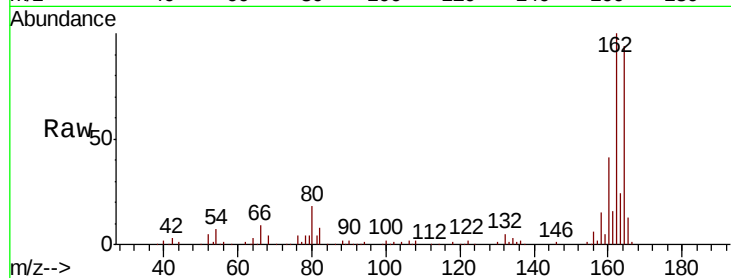




#57
 2,4-Dinitrotoluene
 Concen: 5.016 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039798.D
 Acq: 6 Mar 2019 22:04

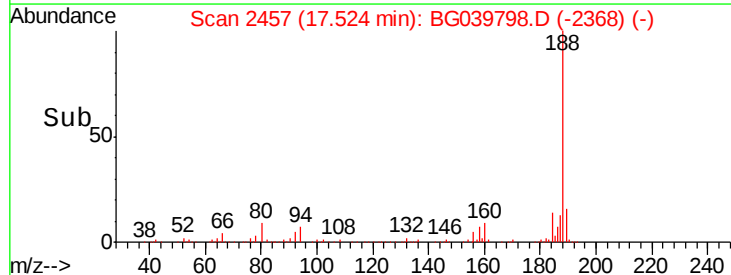
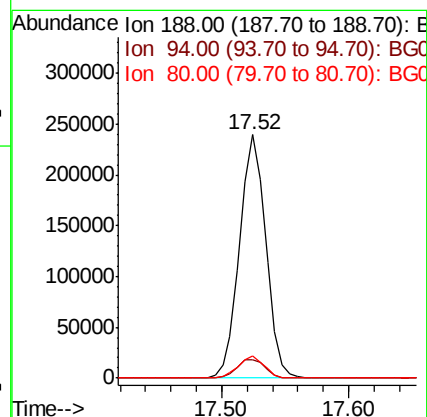
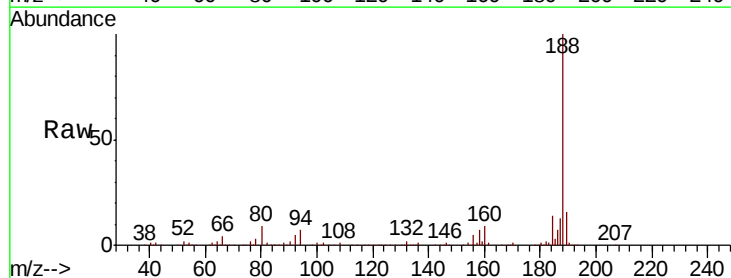
Instrument :
 BNA_G
 ClientSampleId :
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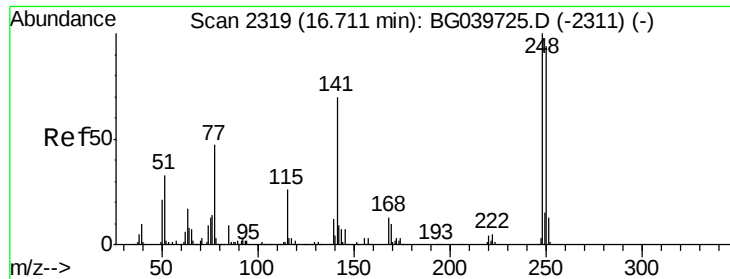
Tgt Ion:	165	Resp:	16666
Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	1.4	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039798.D
 Acq: 6 Mar 2019 22:04

Tgt Ion:	188	Resp:	342185
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	9.2	8.1	12.1

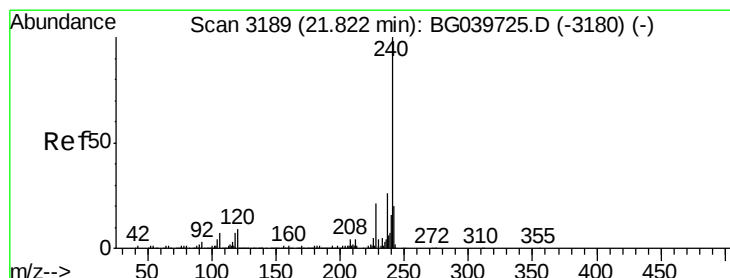
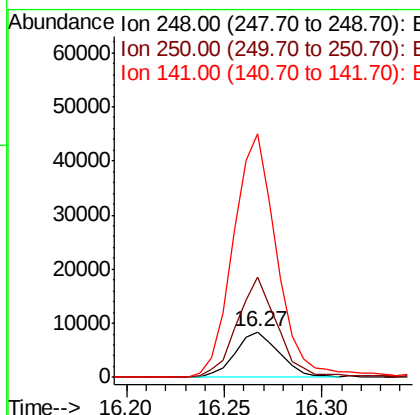
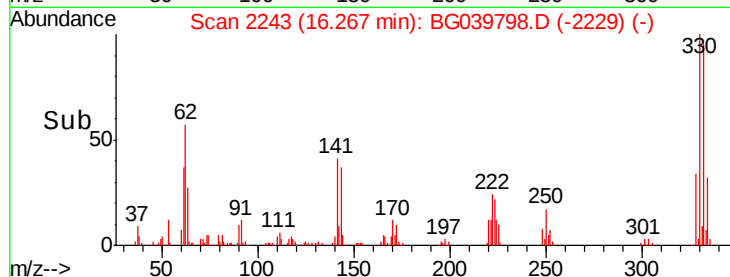
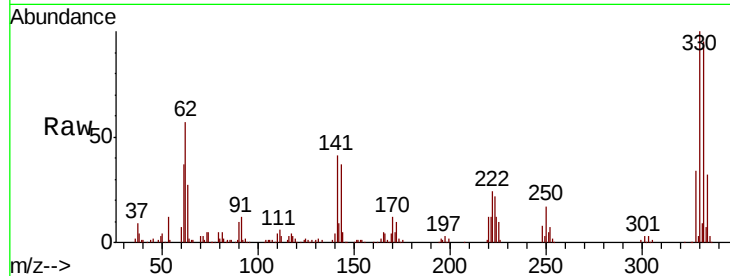




#67
 4-Bromophenyl-phenylether
 Concen: 3.417 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039798.D
 Acq: 6 Mar 2019 22:04

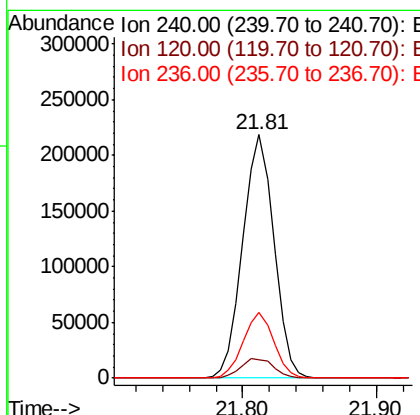
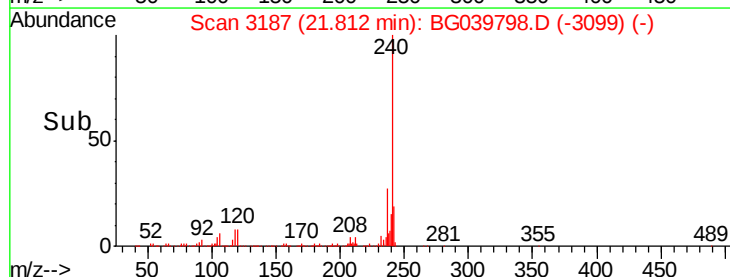
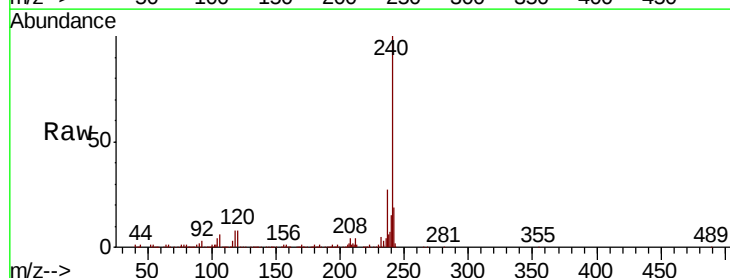
Instrument :
 BNA_G
 ClientSampleId :
 PB117669BL

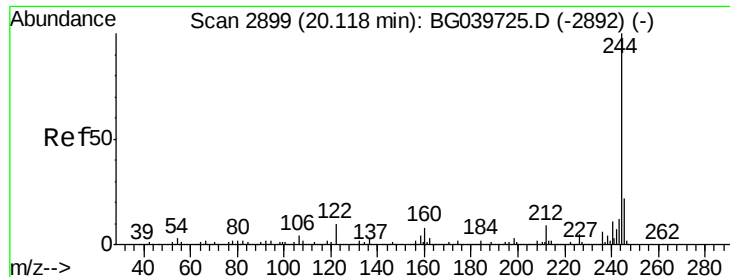
Tgt Ion:248 Resp: 13088
 Ion Ratio Lower Upper
 248 100
 250 219.1 77.6 116.4#
 141 534.6 63.9 95.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039798.D
 Acq: 6 Mar 2019 22:04

Tgt Ion:240 Resp: 353908
 Ion Ratio Lower Upper
 240 100
 120 7.8 7.0 10.6
 236 26.9 21.0 31.4





#79

Terphenyl-d14

Concen: 72.078 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

Instrument :

BNA_G

ClientSampleId :

PB117669BL

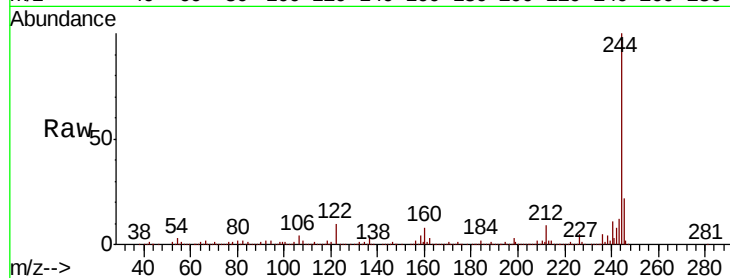
Tgt Ion:244 Resp: 1158554

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

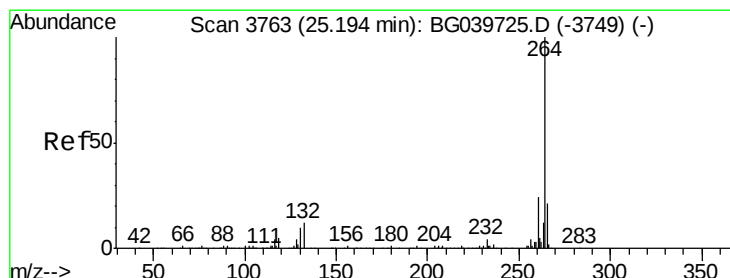
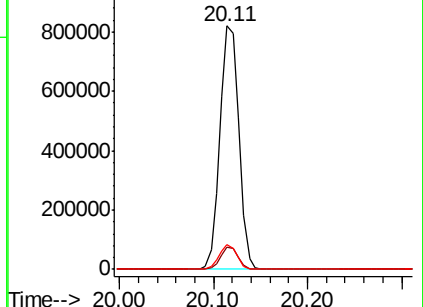
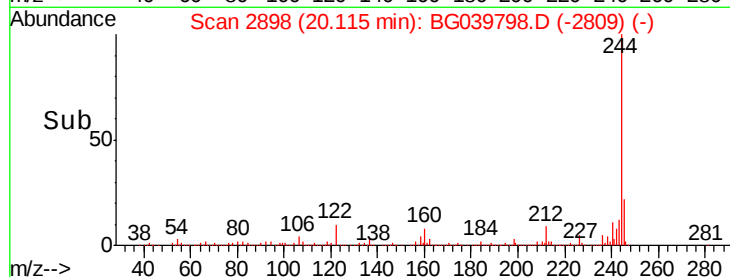
122 10.0 8.4 12.6



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: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

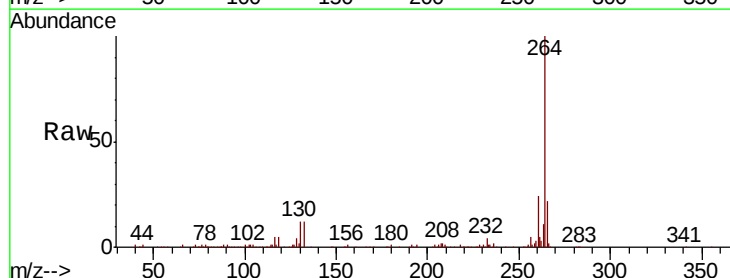
Tgt Ion:264 Resp: 355324

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 22.1 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

