

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039468.D
 Acq On : 12 Feb 2019 17:52
 Operator : JU/SJ
 Sample : K1462-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Quant Time: Feb 13 00:57:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

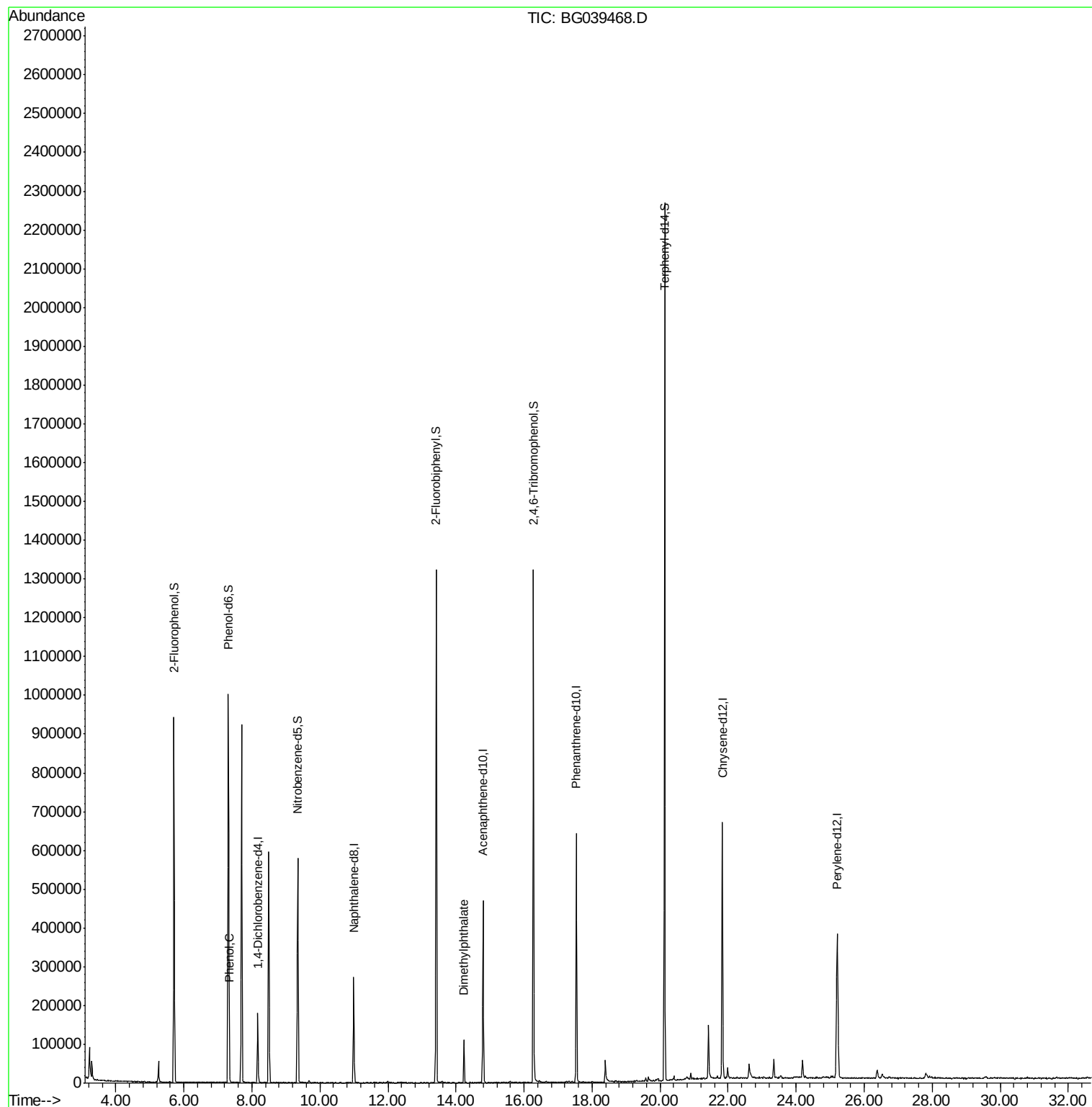
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	49411	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	229414	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	162652	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	404526	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	403954	20.00	ng	-0.02
87) Perylene-d12	25.21	264	411130	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	388712	134.64	ng	0.00
7) Phenol-d6	7.31	99	578355	136.10	ng	-0.01
23) Nitrobenzene-d5	9.35	82	340343	92.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	235112	134.24	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	716485	63.19	ng	-0.02
79) Terphenyl-d14	20.13	244	1093211	57.28	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	15150	3.420	ng	99
50) Dimethylphthalate	14.23	163	71719	5.460	ng	100

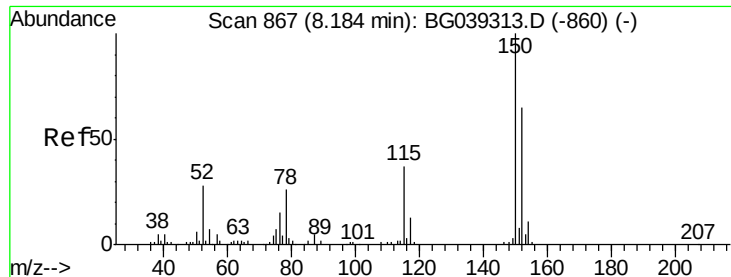
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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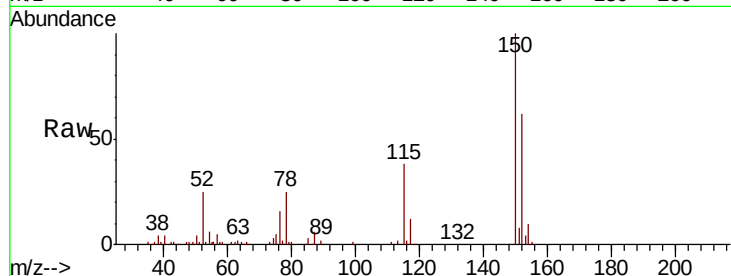


#1

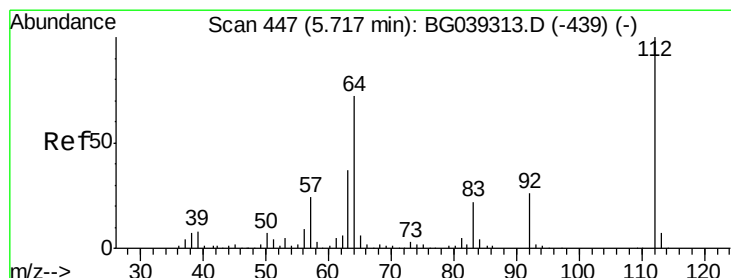
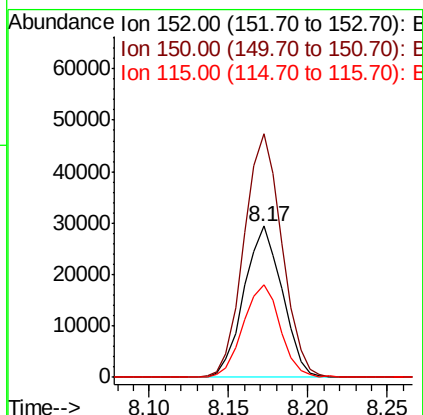
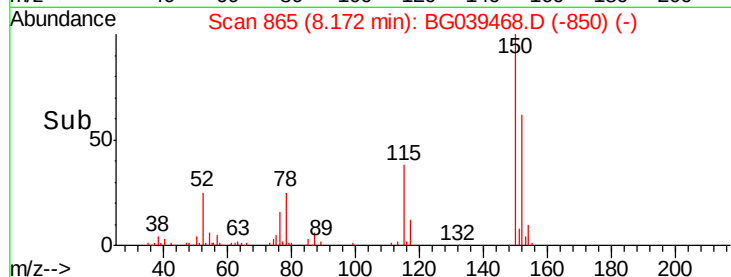
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tot Ion:152 Resp: 49411
Ion Ratio Lower Upper
152 100
150 161.4 123.7 185.5
115 61.2 45.9 68.9



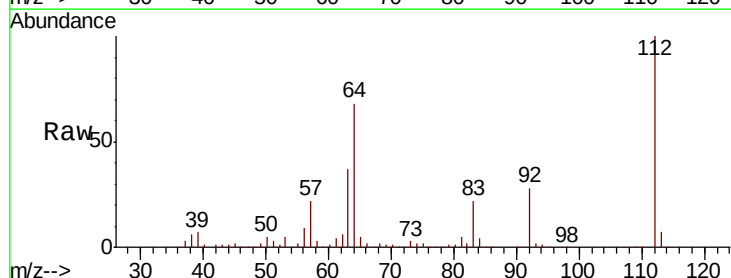
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



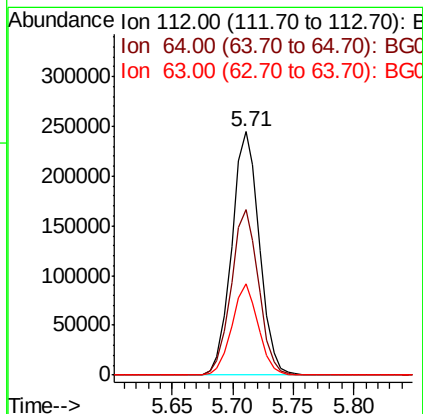
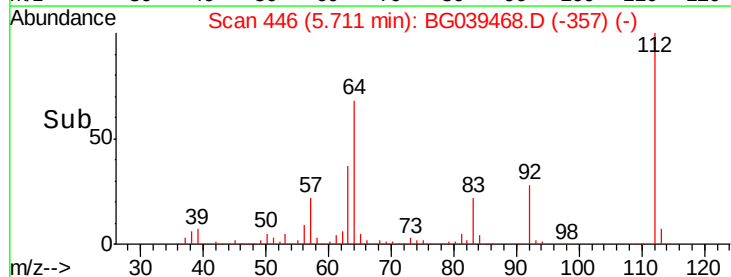
#5

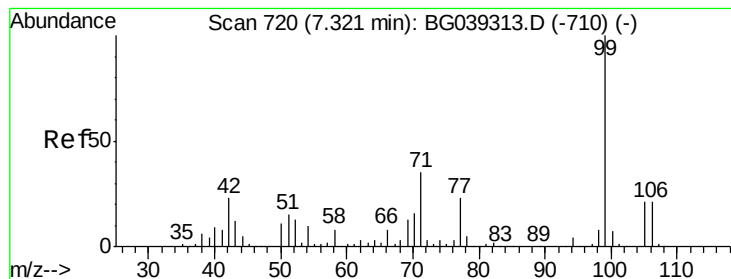
2-Fluorophenol
Concen: 134.643 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion:112 Resp: 388712
Ion Ratio Lower Upper
112 100
64 68.3 57.8 86.8
63 37.3 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: 136.098 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039468.D

Acq: 12 Feb 2019 17:52

Instrument :

BNA_G

ClientSampleId :

TP-3-S

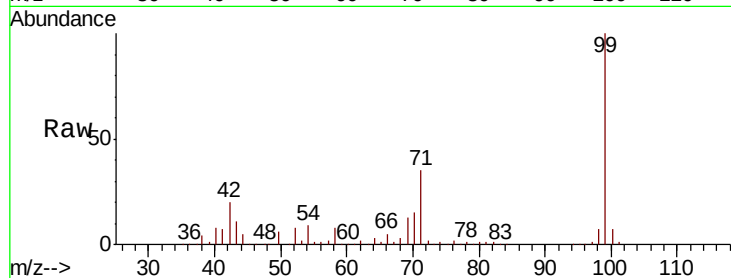
Tot Ion: 99 Resp: 578355

Ion Ratio Lower Upper

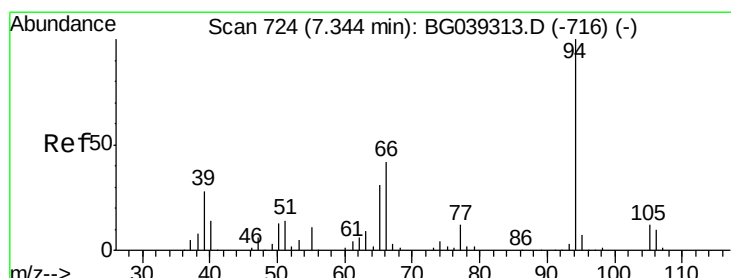
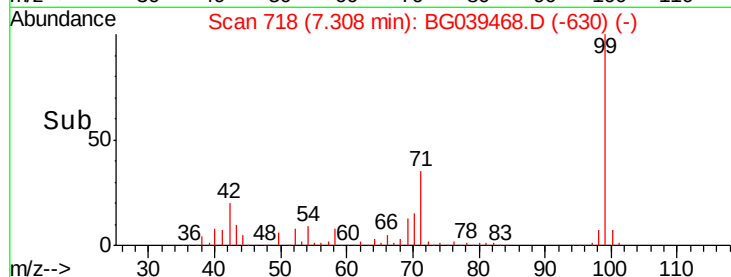
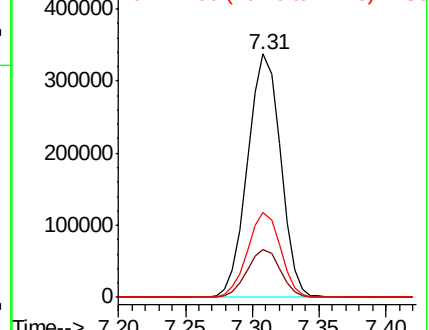
99 100

42 19.6 18.2 27.2

71 34.9 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



#10

Phenol

Concen: 3.420 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039468.D

Acq: 12 Feb 2019 17:52

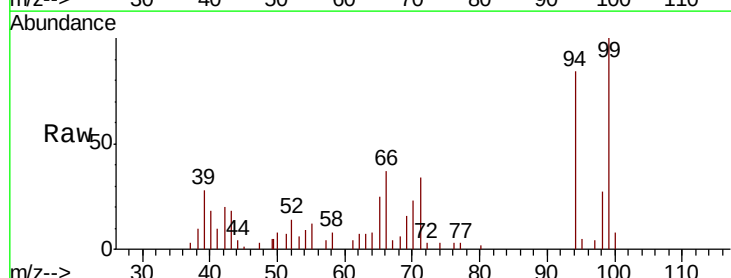
Tgt Ion: 94 Resp: 15150

Ion Ratio Lower Upper

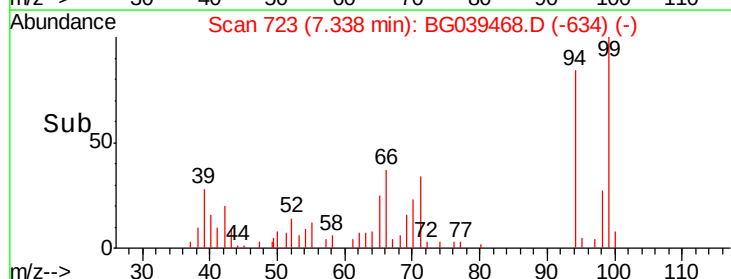
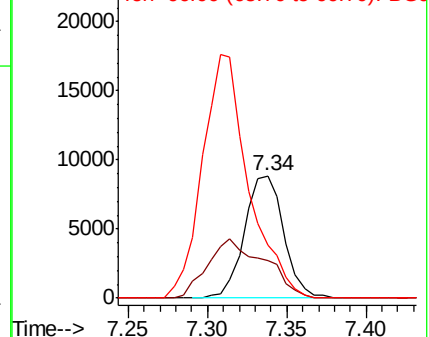
94 100

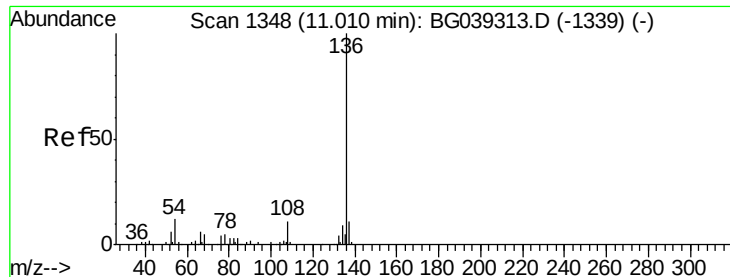
65 30.5 11.7 51.7

66 43.8 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

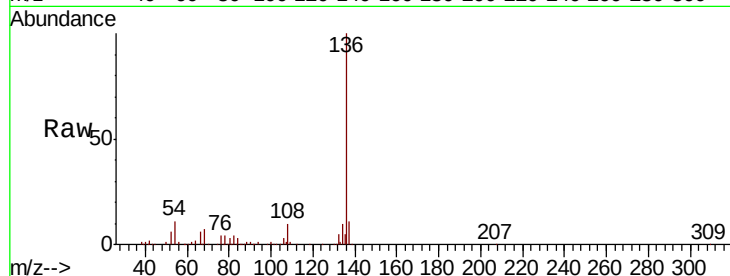




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	11.5	9.4	14.2
68	6.8	4.2	6.4#



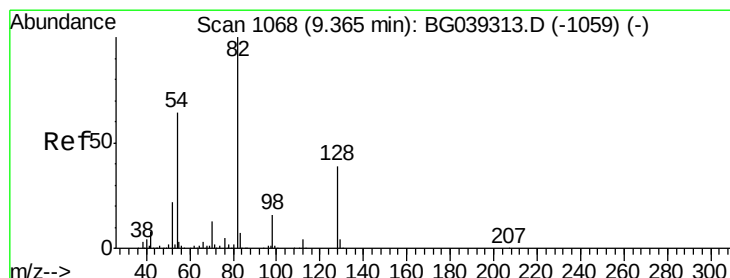
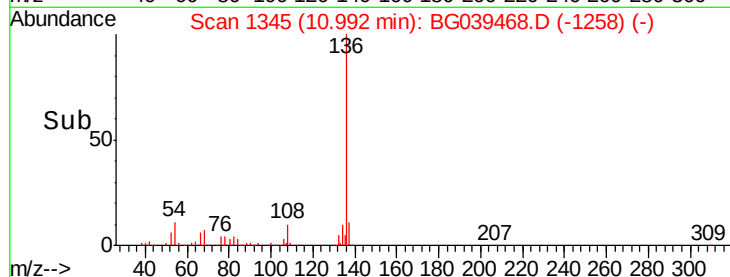
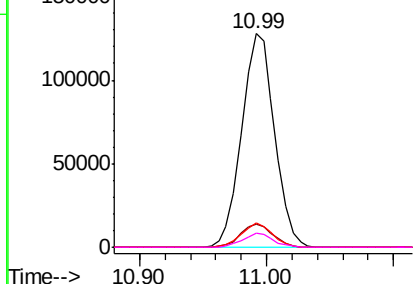
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

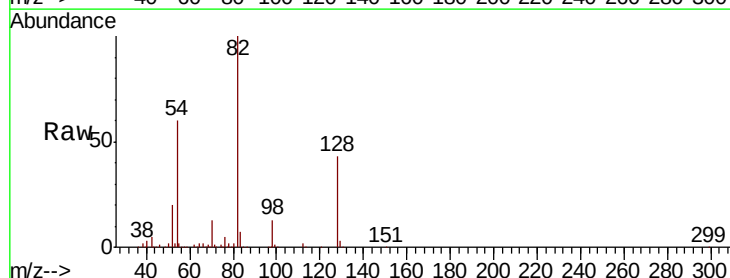
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 92.679 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	60.1	50.9	76.3

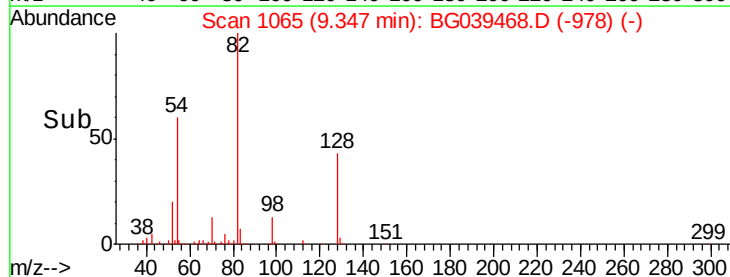
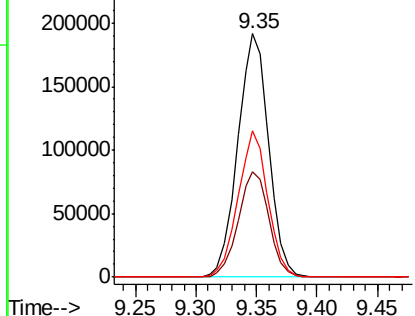


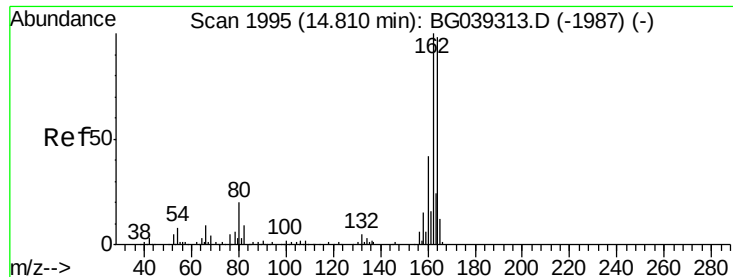
Abundance

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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039468.D

Acq: 12 Feb 2019 17:52

Instrument :

BNA_G

ClientSampleId :

TP-3-S

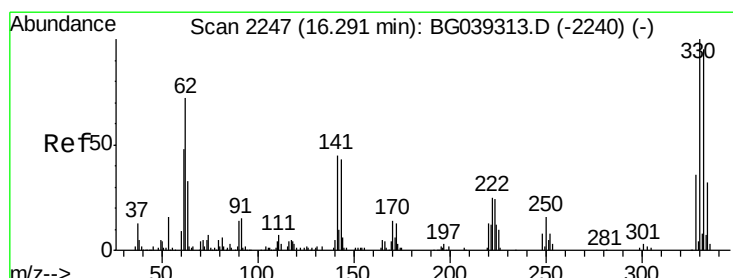
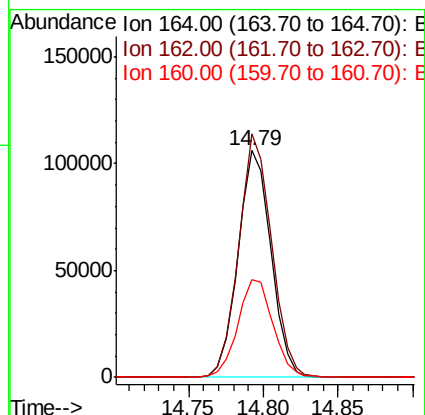
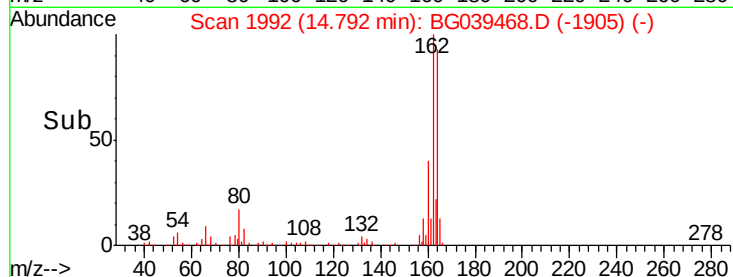
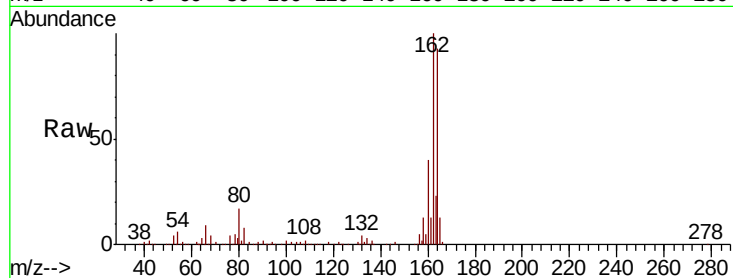
Tot Ion:164 Resp: 162652

Ion Ratio Lower Upper

164 100

162 107.4 81.6 122.4

160 43.0 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 134.236 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039468.D

Acq: 12 Feb 2019 17:52

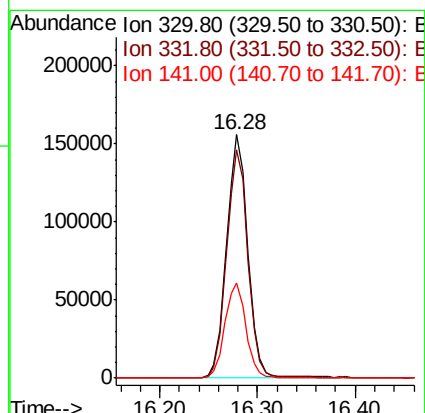
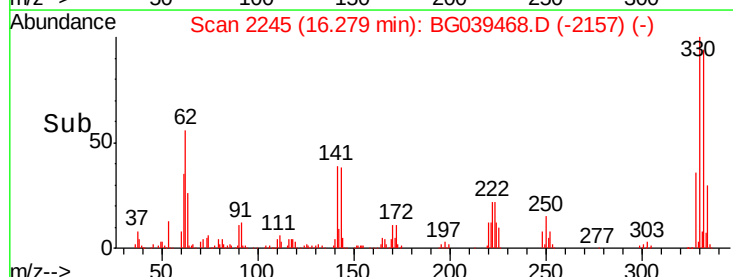
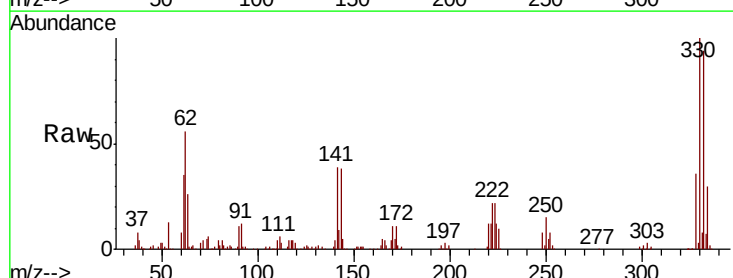
Tgt Ion:330 Resp: 235112

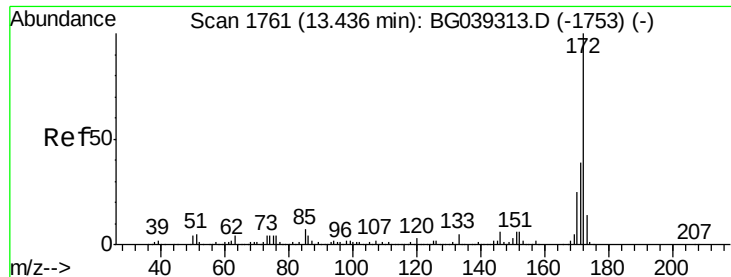
Ion Ratio Lower Upper

330 100

332 94.3 75.7 113.5

141 39.0 35.6 53.4

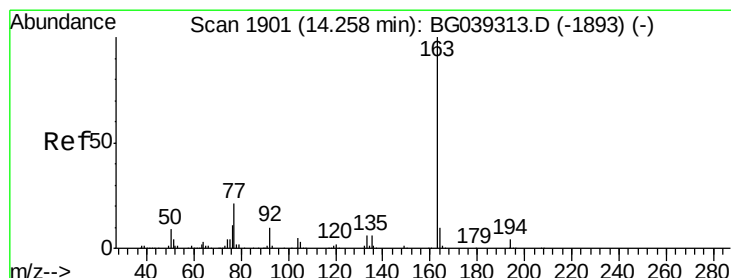
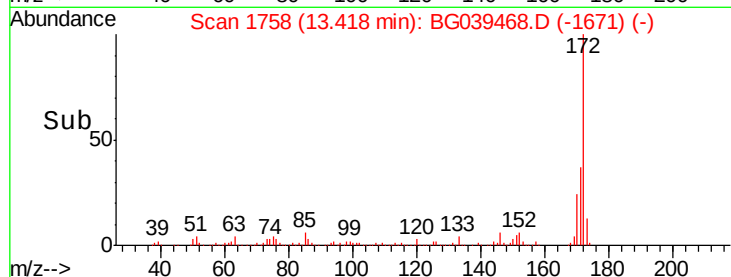
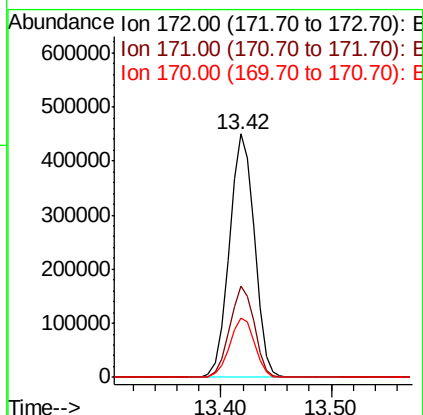
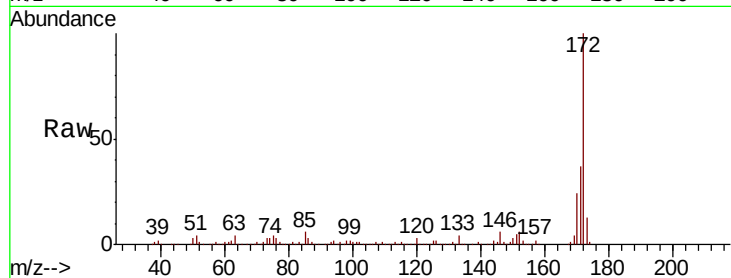




#45
2-Fluorobiphenyl
Concen: 63.192 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

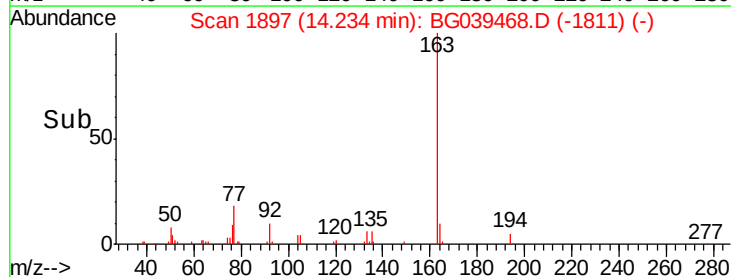
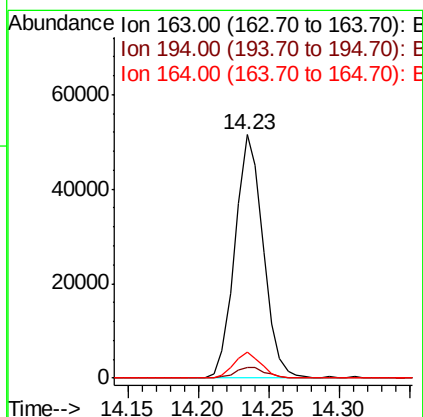
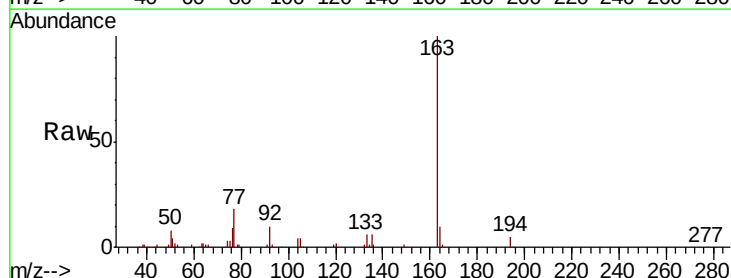
Instrument :
BNA_G
ClientSampleId :
TP-3-S

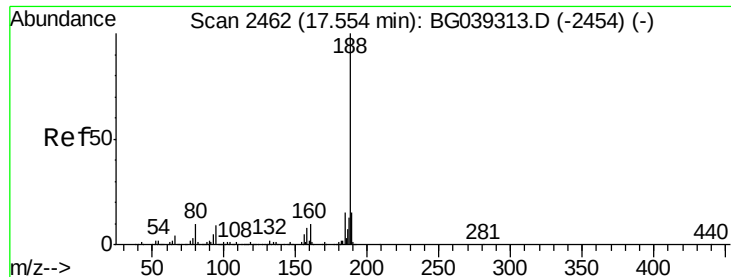
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.5	20.2	30.4



#50
Dimethylphthalate
Concen: 5.460 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BG039468.D
Acq: 12 Feb 2019 17:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.5	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039468.D

Acq: 12 Feb 2019 17:52

Instrument :

BNA_G

ClientSampleId :

TP-3-S

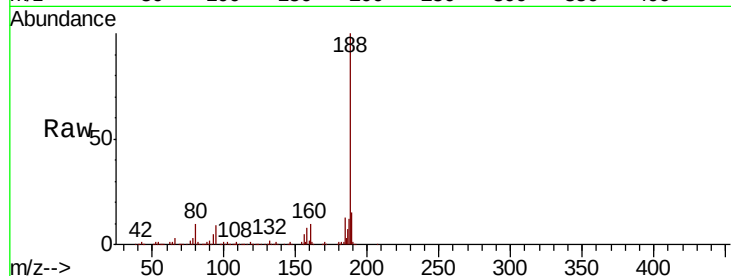
Tot Ion:188 Resp: 404526

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

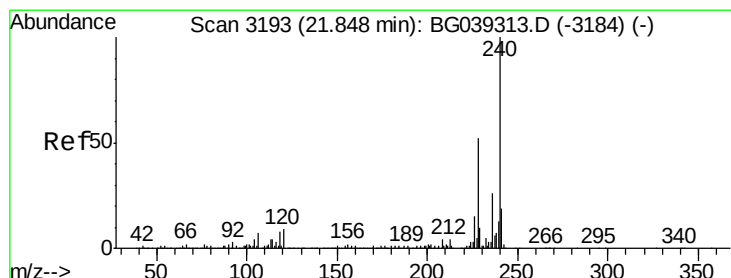
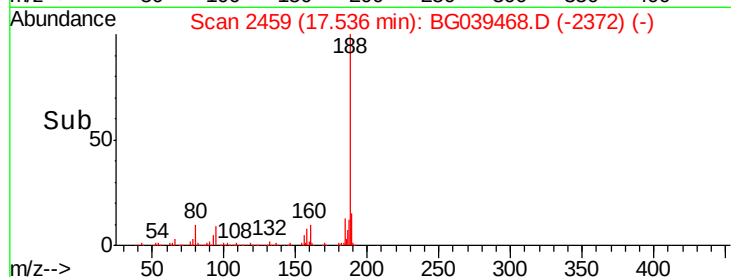
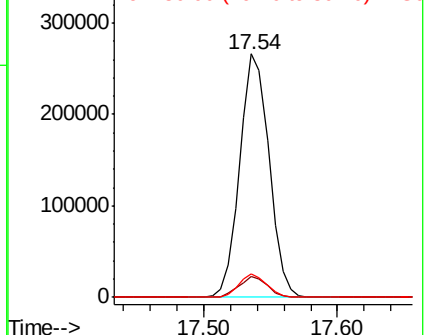
80 9.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039468.D

Acq: 12 Feb 2019 17:52

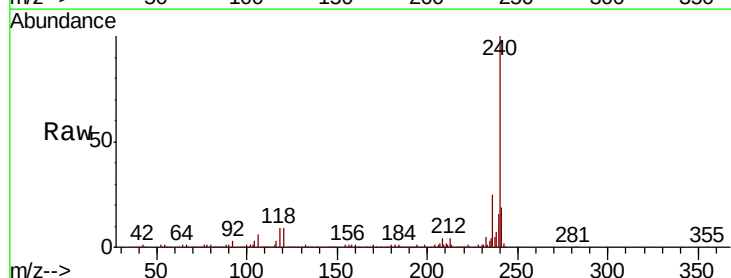
Tgt Ion:240 Resp: 403954

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

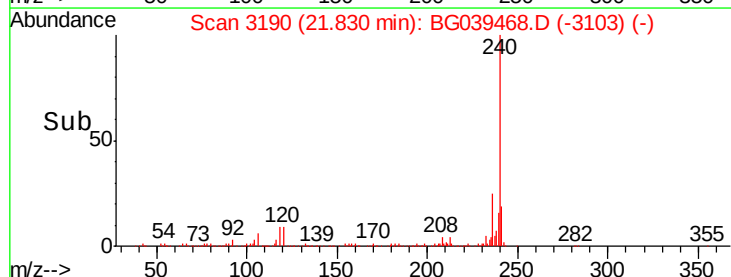
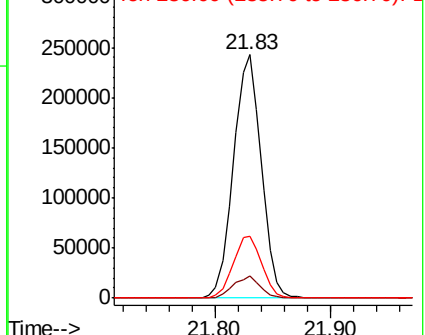
236 25.3 21.0 31.4

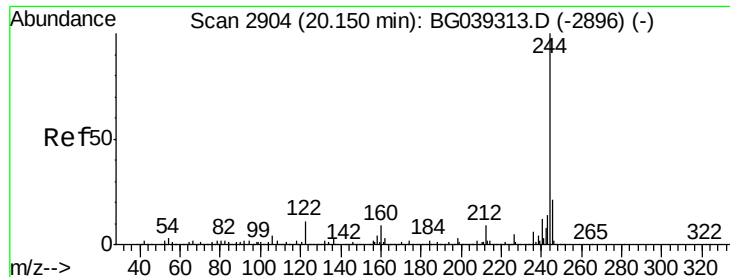


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

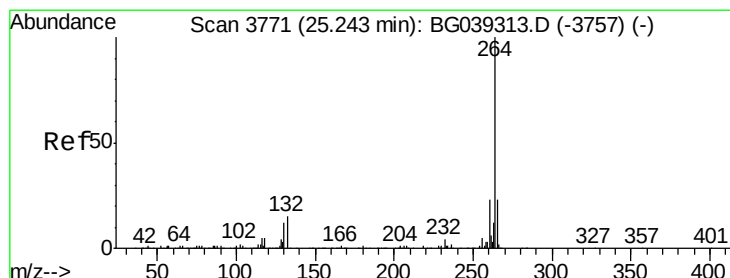
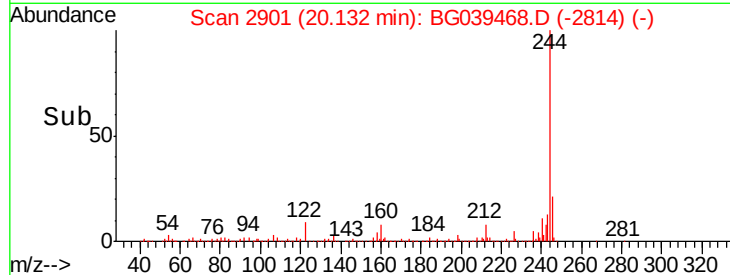
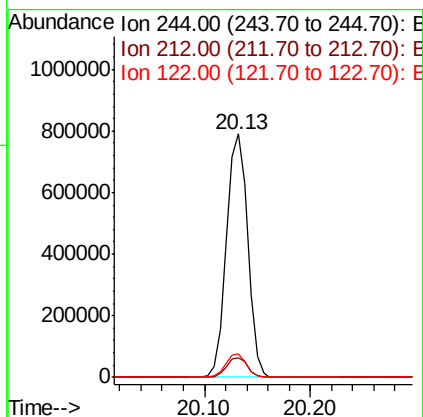
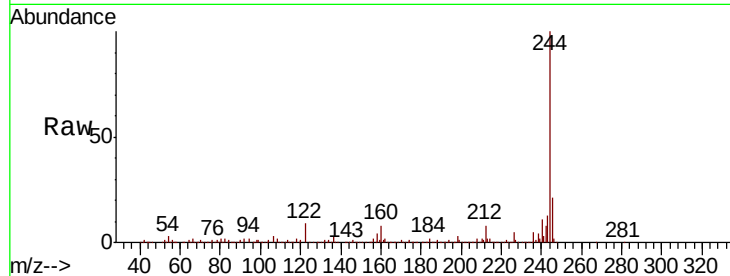




#79
 Terphenyl-d14
 Concen: 57.283 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039468.D
 Acq: 12 Feb 2019 17:52

Instrument :
 BNA_G
 ClientSampled :
 TP-3-S

Tot Ion:244 Resp: 1093211
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.3 10.9
 122 9.5 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3765
 Delta R.T. -0.04 min
 Lab File: BG039468.D
 Acq: 12 Feb 2019 17:52

Tgt Ion:264 Resp: 411130
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.4
 265 22.3 18.5 27.7

