

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039605.D
 Acq On : 26 Feb 2019 18:01
 Operator : JU/SJ
 Sample : K1597-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Quant Time: Feb 27 03:13:52 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

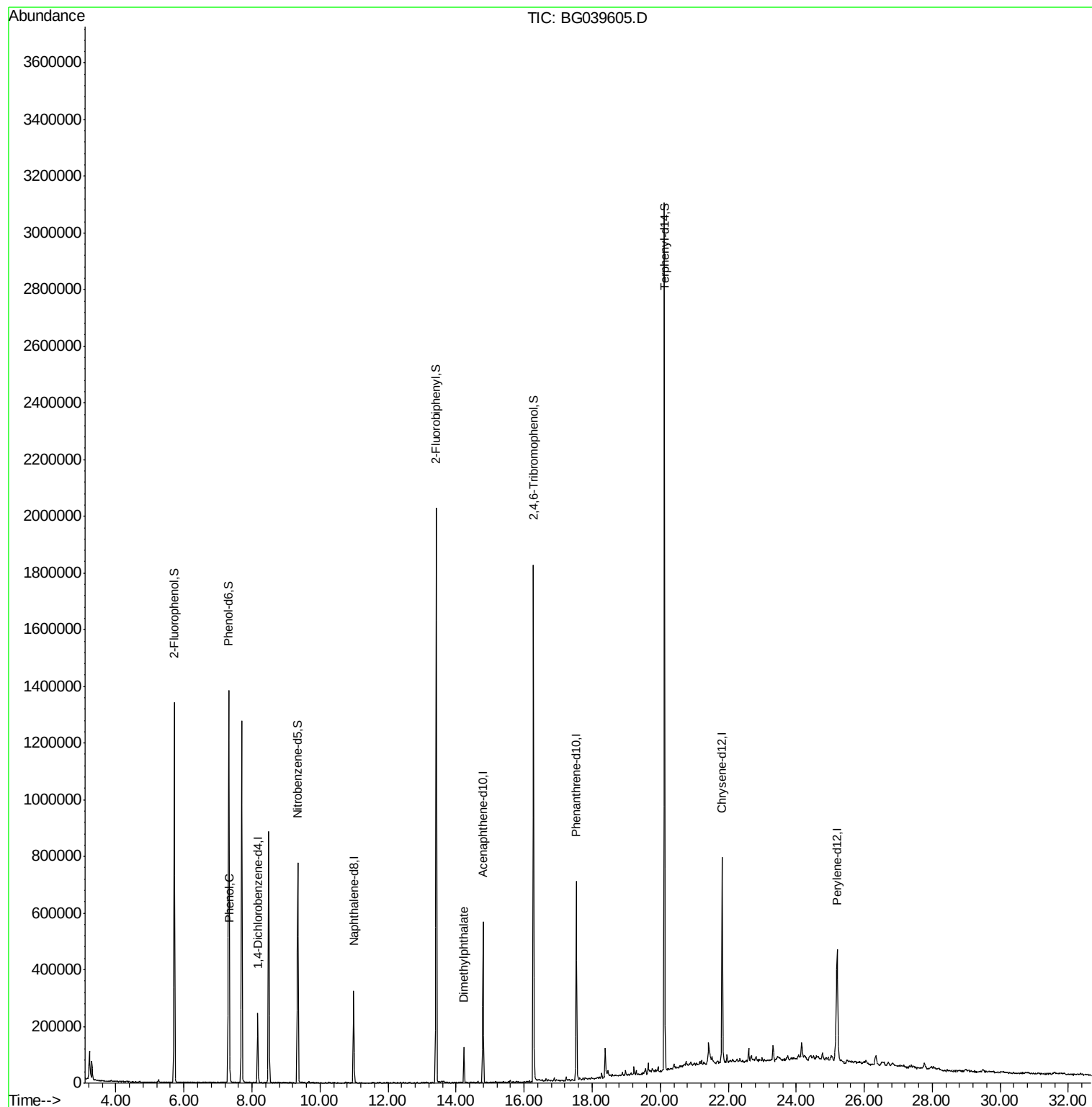
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67406	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	285969	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	194206	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	454775	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	436730	20.00	ng	-0.03
87) Perylene-d12	25.20	264	437152	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	557188	141.48	ng	0.00
7) Phenol-d6	7.32	99	801469	138.25	ng	0.00
23) Nitrobenzene-d5	9.34	82	472889	103.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	317088	151.62	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1045651	77.24	ng	-0.02
79) Terphenyl-d14	20.13	244	1468833	71.19	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	29415	4.867	ng	94
50) Dimethylphthalate	14.23	163	84001	5.356	ng	98

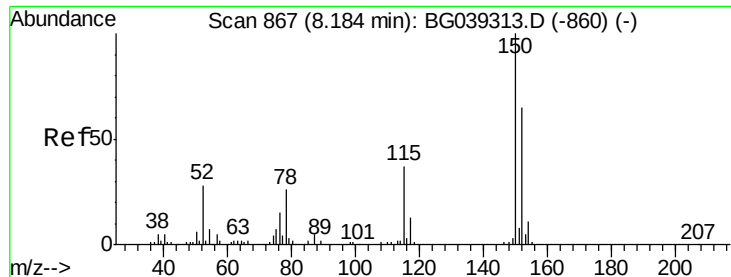
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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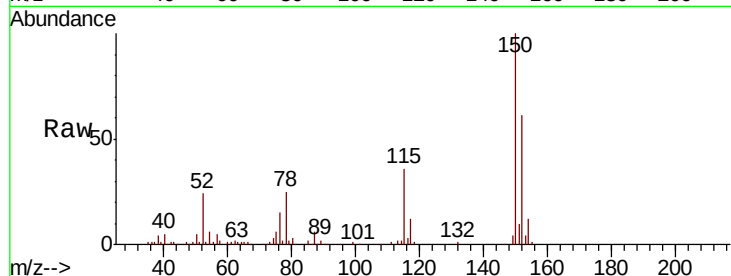


#1

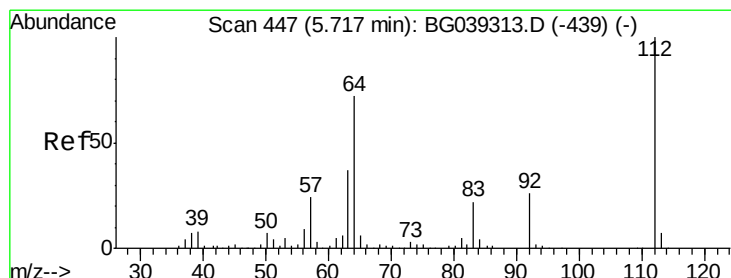
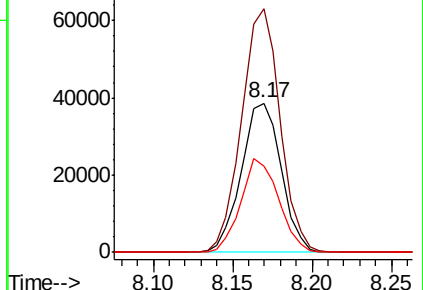
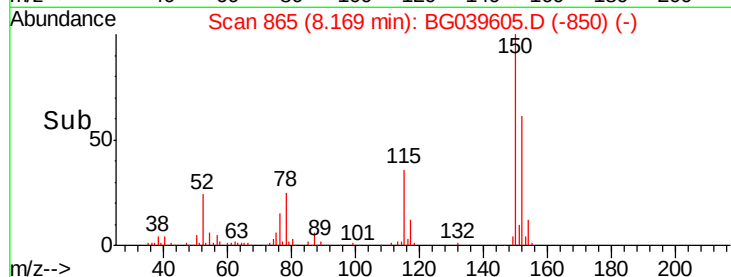
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039605.D
Acq: 26 Feb 2019 18:01

Instrument :
BNA_G
ClientSampled :
TP-25

Tot Ion:152 Resp: 67406
Ion Ratio Lower Upper
152 100
150 162.8 123.7 185.5
115 57.9 45.9 68.9



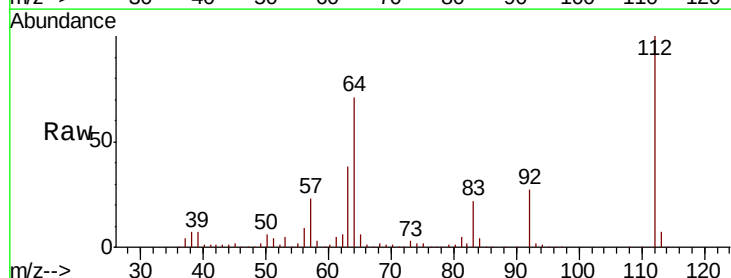
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



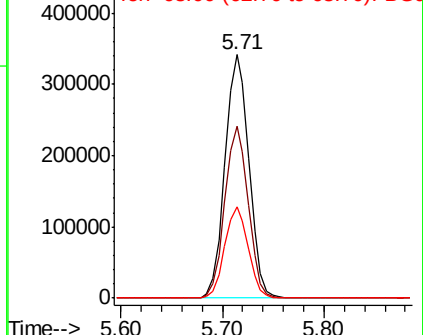
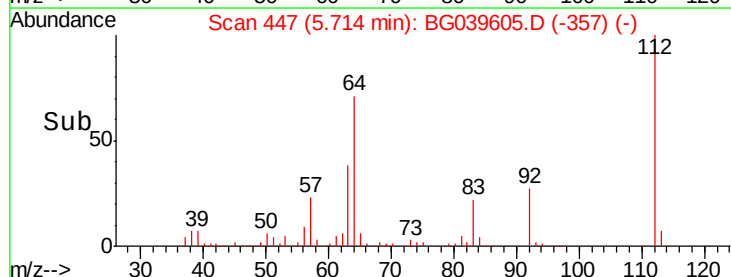
#5

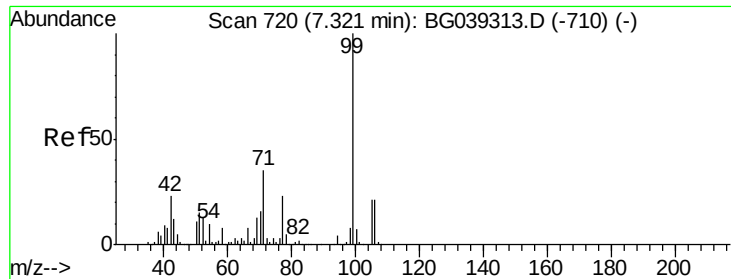
2-Fluorophenol
Concen: 141.476 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039605.D
Acq: 26 Feb 2019 18:01

Tgt Ion:112 Resp: 557188
Ion Ratio Lower Upper
112 100
64 70.5 57.8 86.8
63 37.6 29.8 44.6



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: 138.251 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

Instrument :

BNA_G

ClientSampleId :

TP-25

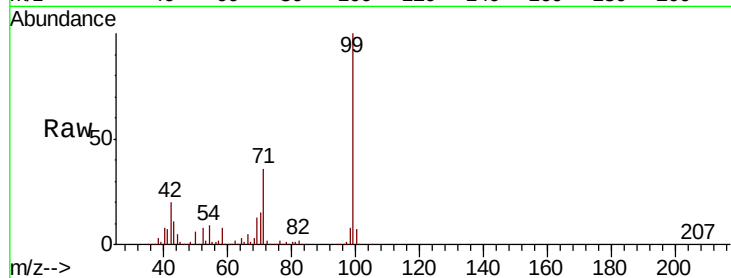
Tot Ion: 99 Resp: 801469

Ion Ratio Lower Upper

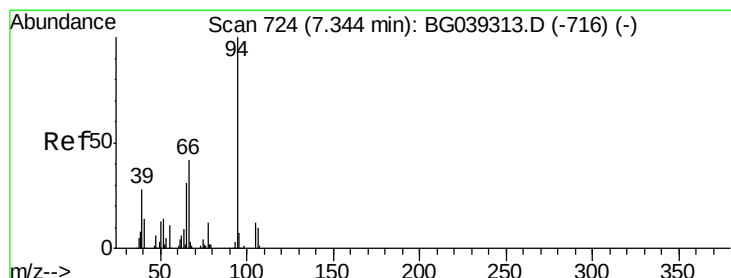
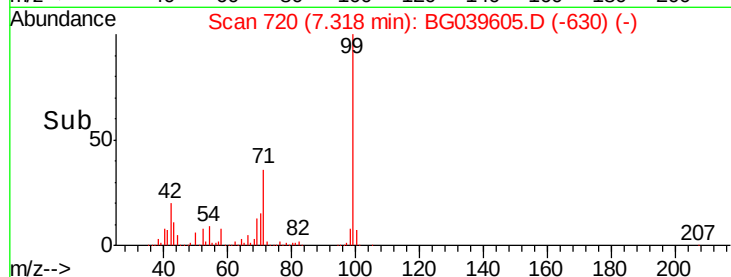
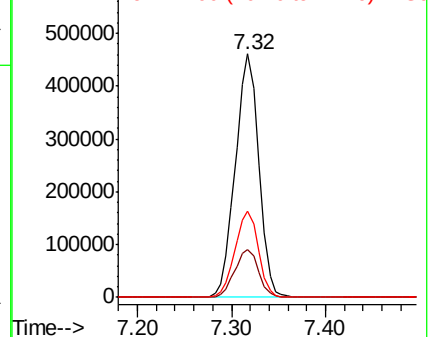
99 100

42 19.7 18.2 27.2

71 35.5 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: 4.867 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

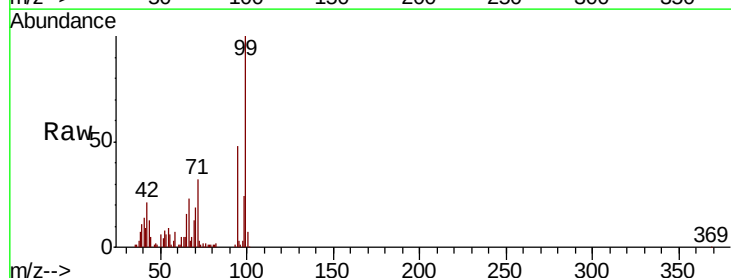
Tgt Ion: 94 Resp: 29415

Ion Ratio Lower Upper

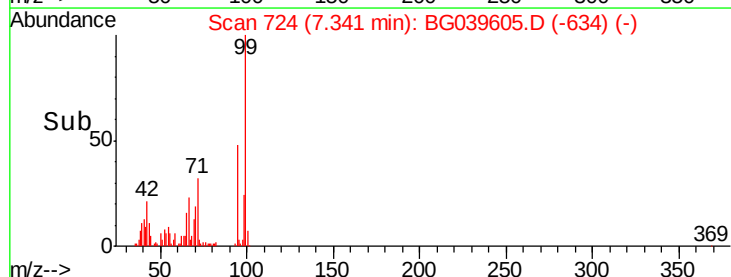
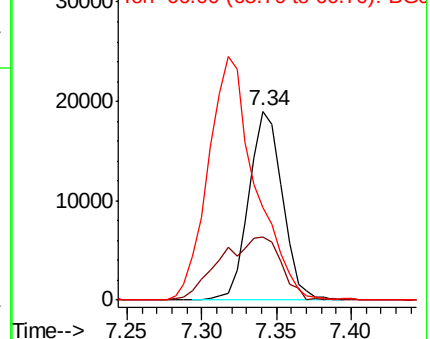
94 100

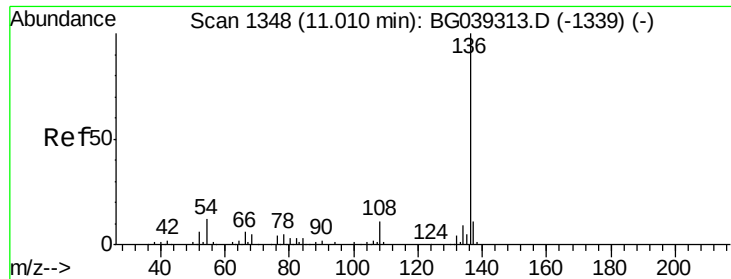
65 33.4 11.7 51.7

66 48.7 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

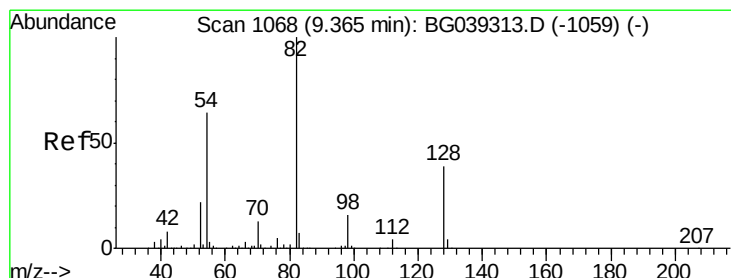
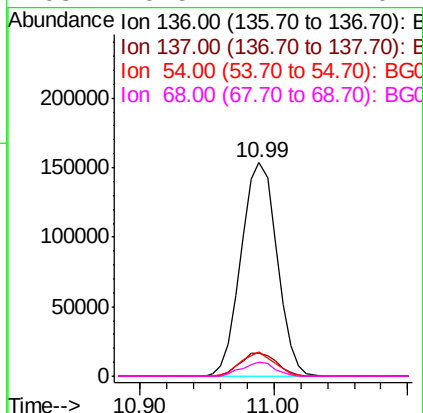
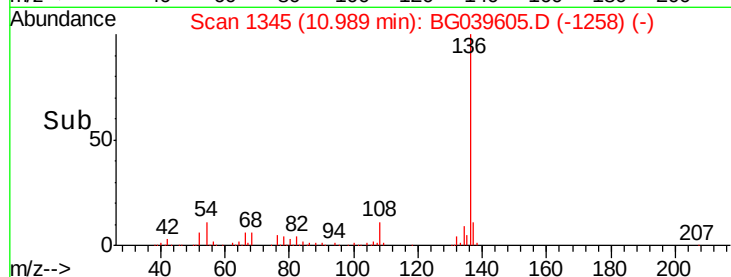
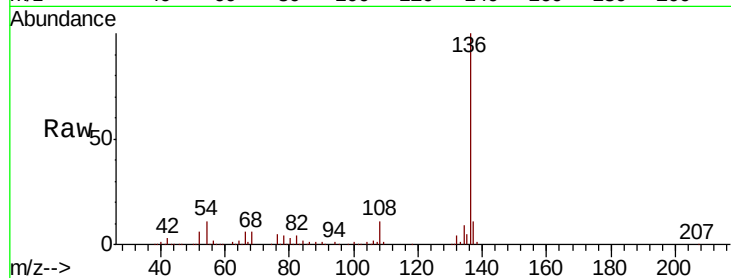




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039605.D
Acq: 26 Feb 2019 18:01

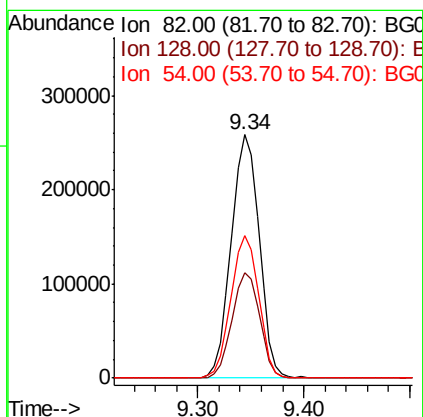
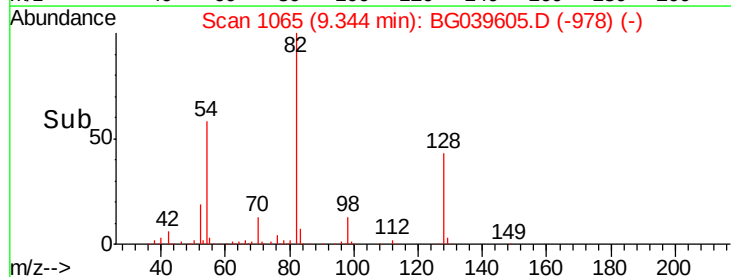
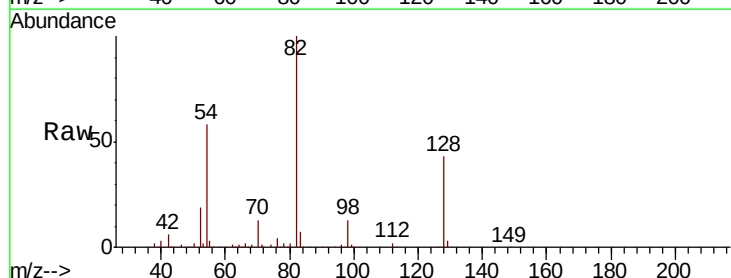
Instrument :
BNA_G
ClientSampleId :
TP-25

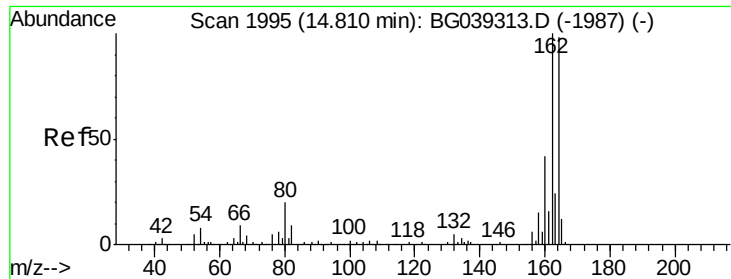
Tot Ion:136	Resp:	285969
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.1 13.7
54	11.5	9.4 14.2
68	6.5	4.2 6.4



#23
Nitrobenzene-d5
Concen: 103.305 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039605.D
Acq: 26 Feb 2019 18:01

Tgt Ion: 82	Resp:	472889
Ion	Ratio	Lower Upper
82	100	
128	43.2	31.3 46.9
54	58.3	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

Instrument :

BNA_G

ClientSampleId :

TP-25

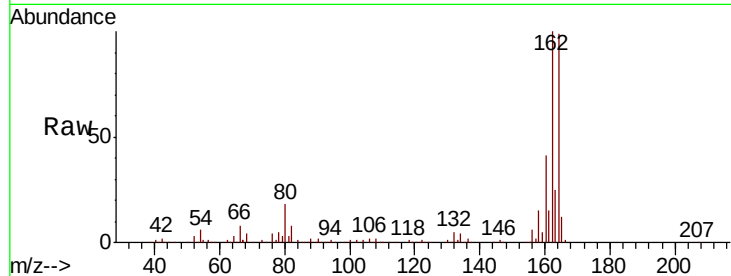
Tot Ion:164 Resp: 194206

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

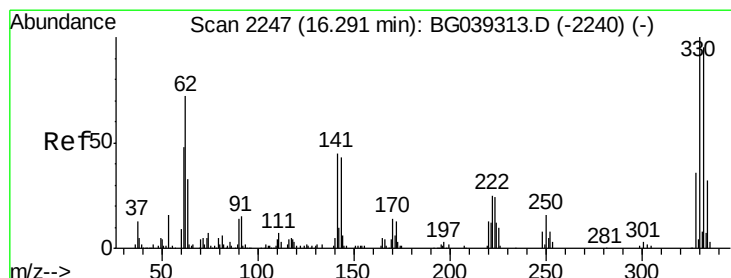
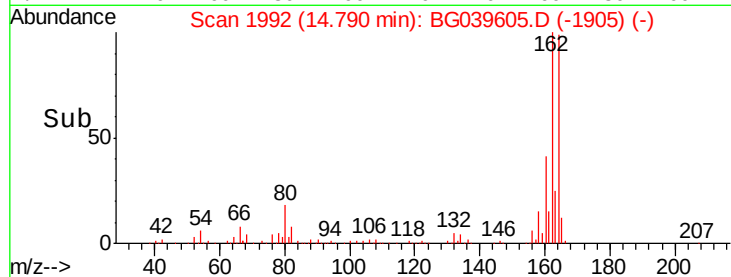
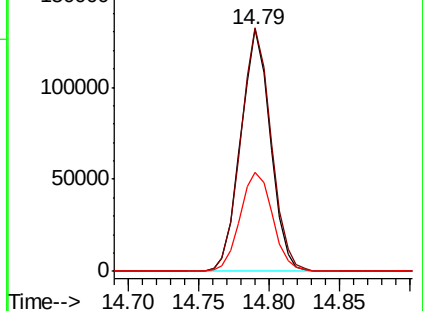
160 41.1 34.2 51.2



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: 151.625 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

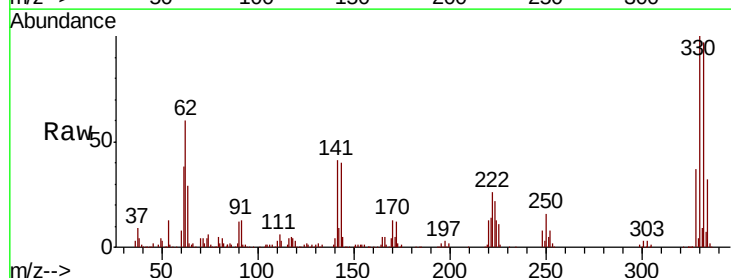
Tgt Ion:330 Resp: 317088

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

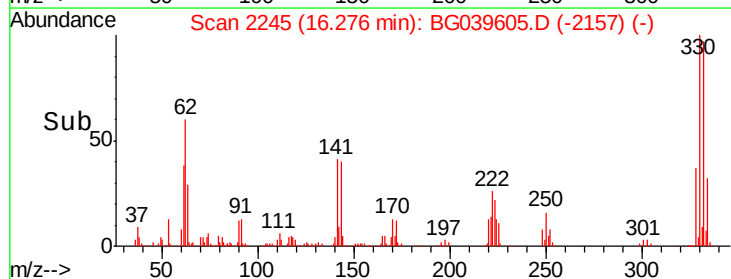
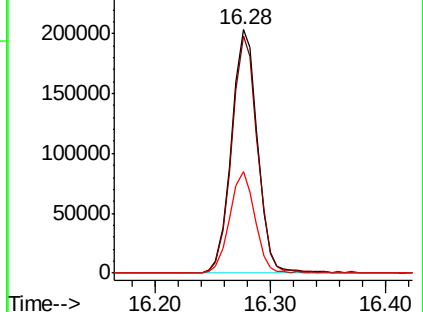
141 40.6 35.6 53.4

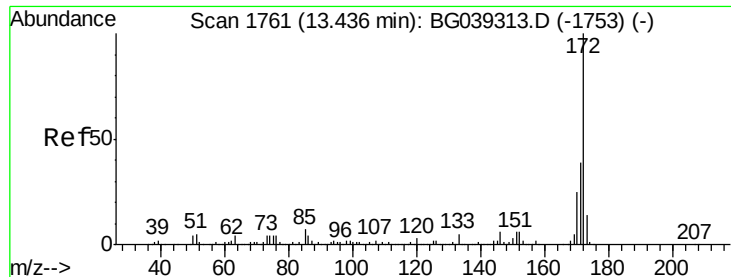


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

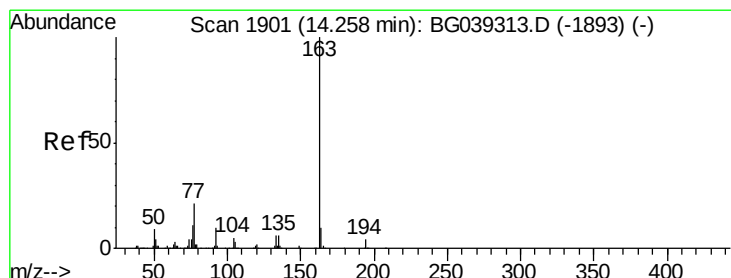
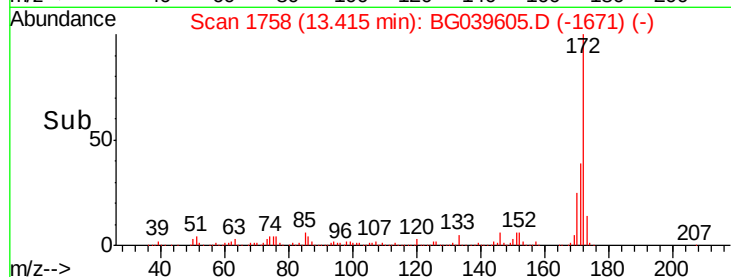
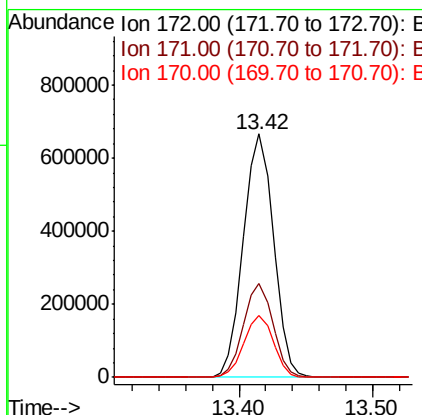
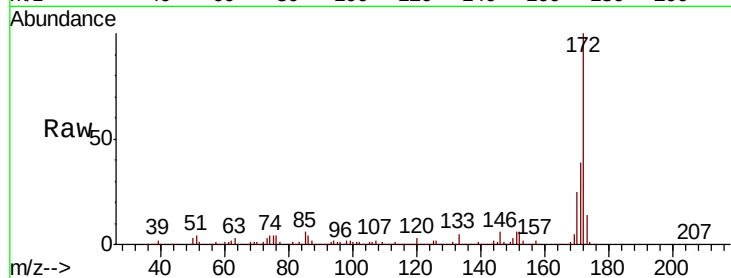




#45
2-Fluorobiphenyl
Concen: 77.240 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039605.D
Acq: 26 Feb 2019 18:01

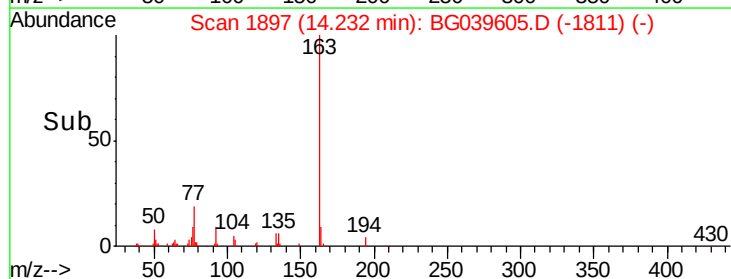
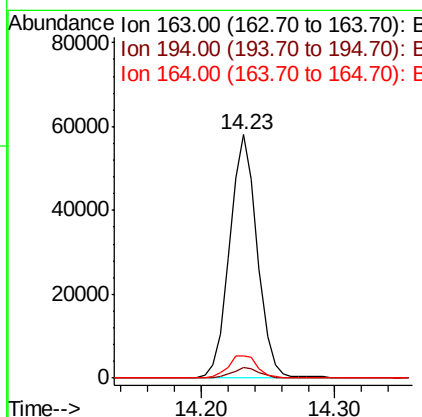
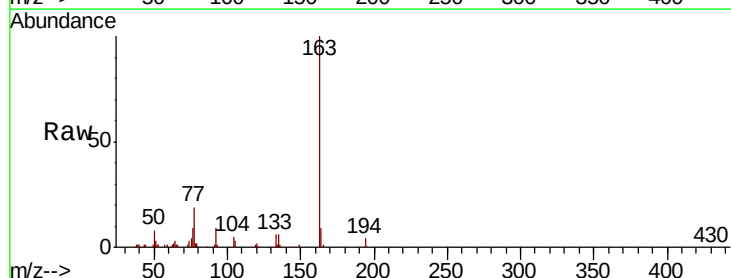
Instrument :
BNA_G
ClientSampleId :
TP-25

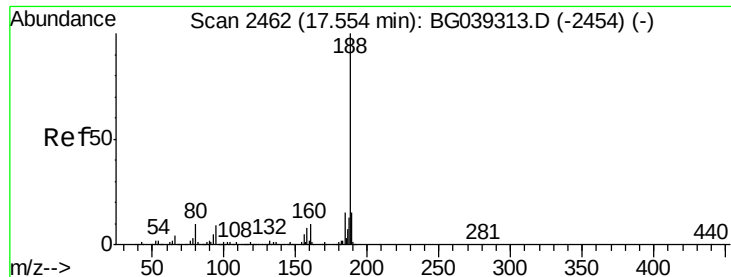
Tot Ion:172 Resp: 1045651
Ion Ratio Lower Upper
172 100
171 38.7 30.8 46.2
170 25.4 20.2 30.4



#50
Dimethylphthalate
Concen: 5.356 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039605.D
Acq: 26 Feb 2019 18:01

Tgt Ion:163 Resp: 84001
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 9.3 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

Instrument :

BNA_G

ClientSampleId :

TP-25

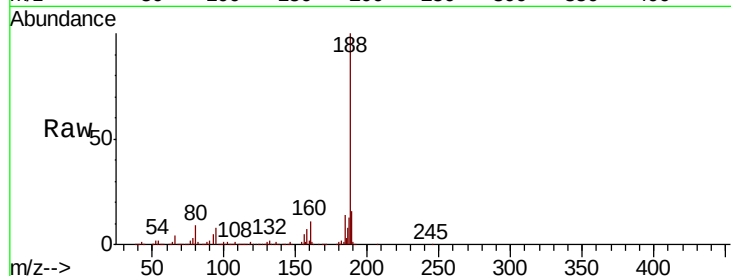
Tot Ion:188 Resp: 454775

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

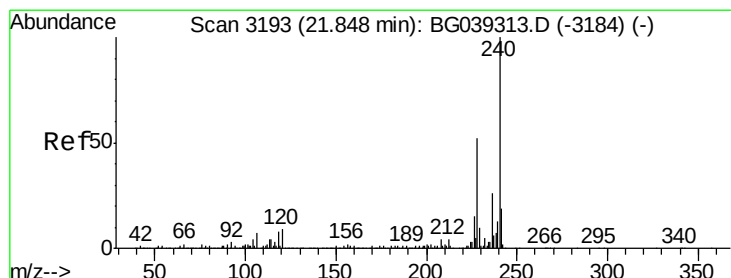
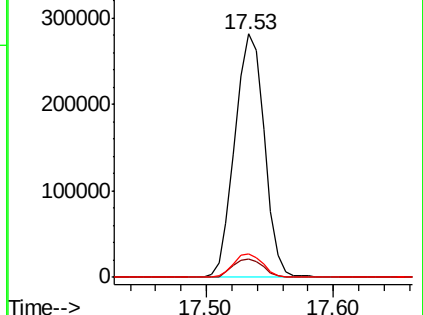
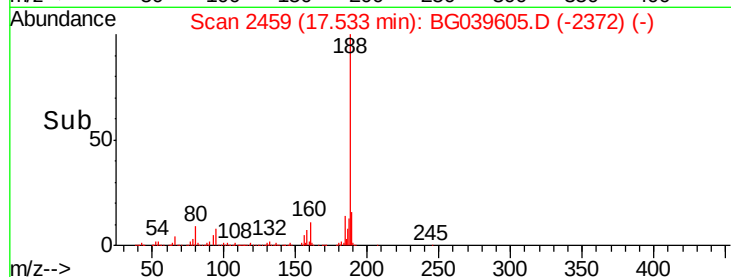
80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG039605.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BG039605.D (-2372) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039605.D

Acq: 26 Feb 2019 18:01

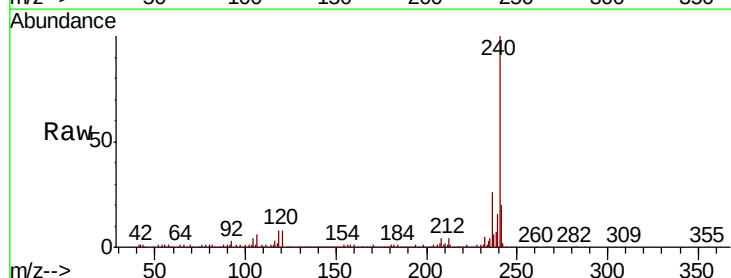
Tgt Ion:240 Resp: 436730

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

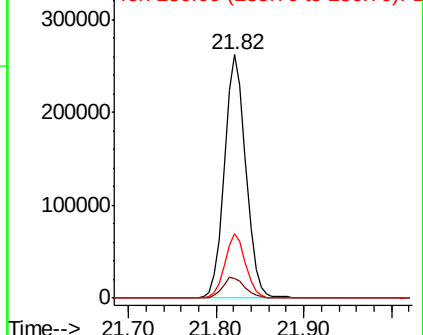
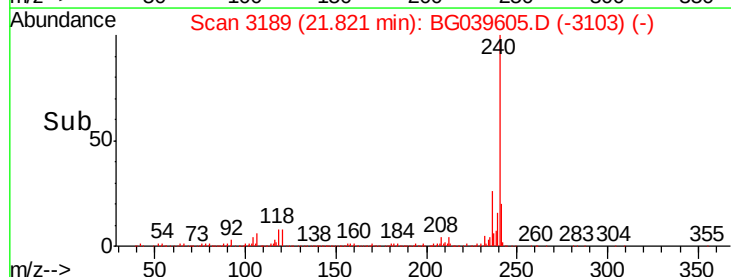
236 26.5 21.0 31.4

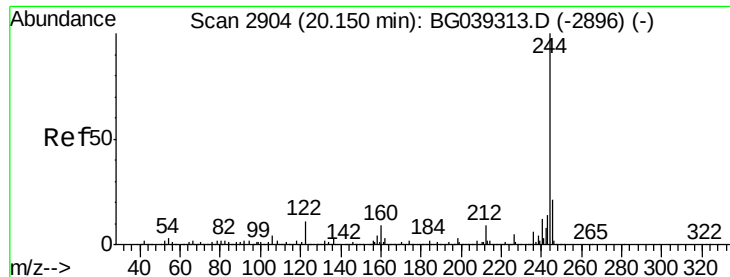


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



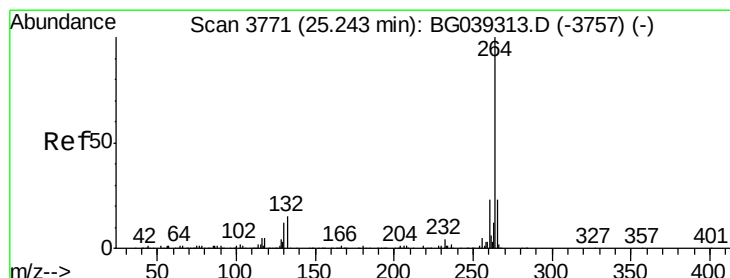
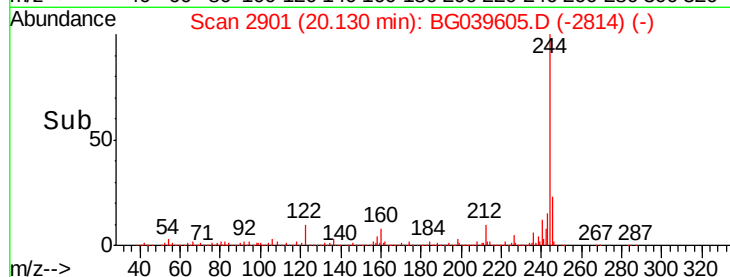
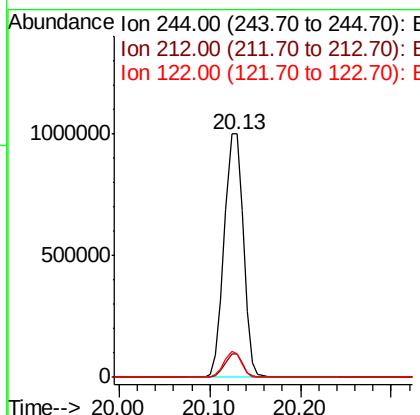
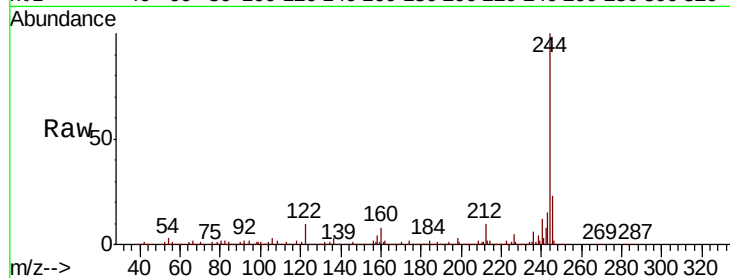


#79
 Terphenyl-d14
 Concen: 71.190 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Instrument :
 BNA_G
 ClientSampled :
 TP-25

Tot Ion:244 Resp: 1468833

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	9.6	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.04 min
 Lab File: BG039605.D
 Acq: 26 Feb 2019 18:01

Tgt Ion:264 Resp: 437152

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.3	18.5	27.7

