

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
 Data File : BG039422.D
 Acq On : 8 Feb 2019 19:15
 Operator : JU/SJ
 Sample : K1404-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS3-9.0-9.5

Quant Time: Feb 09 00:14:24 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

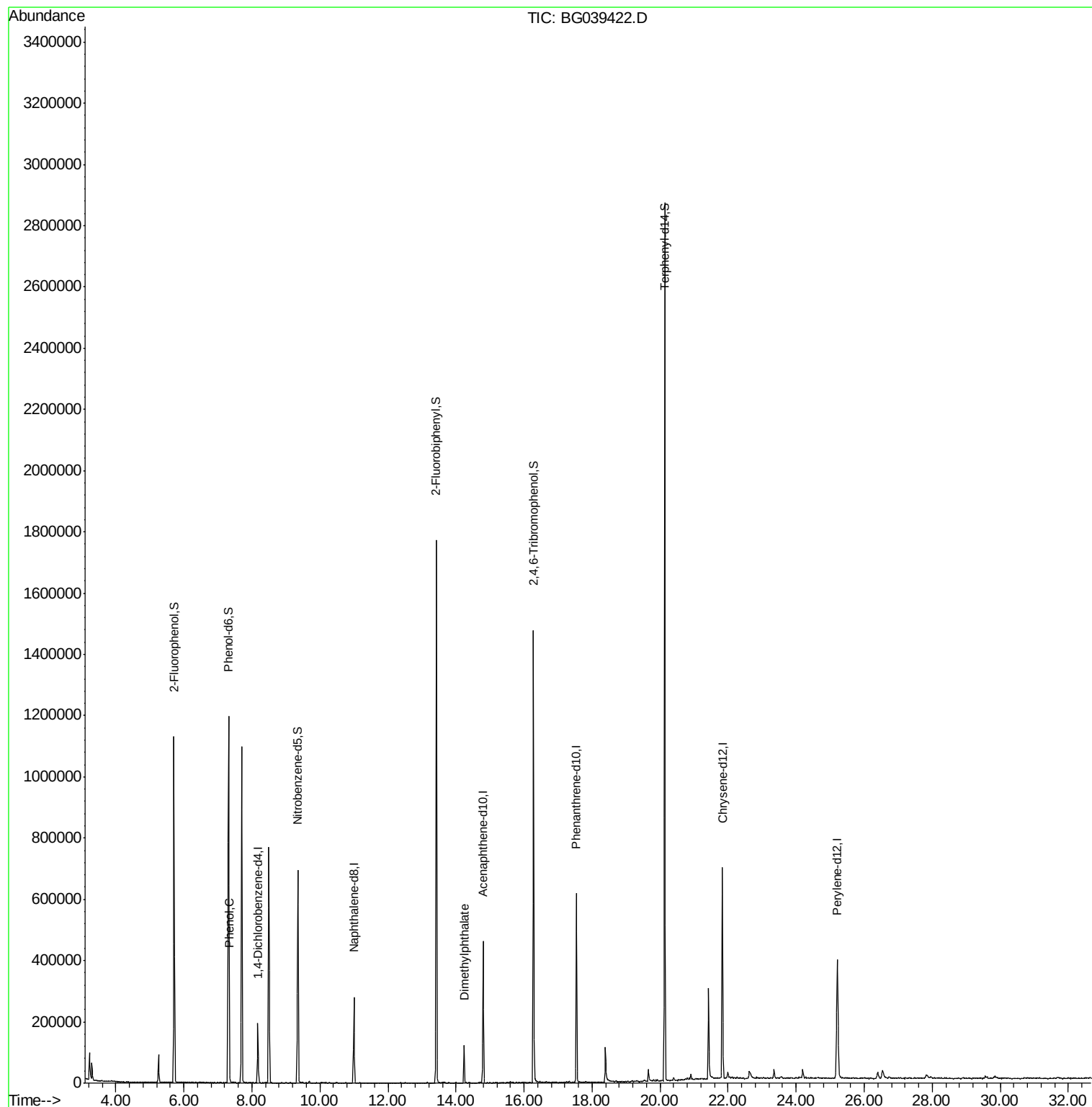
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54659	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	242864	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	159299	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	384141	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	410947	20.00	ng	-0.02
87) Perylene-d12	25.21	264	423386	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	471296	147.57	ng	0.00
7) Phenol-d6	7.31	99	694546	147.75	ng	0.00
23) Nitrobenzene-d5	9.35	82	415259	106.82	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	260848	152.06	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	899284	80.98	ng	-0.01
79) Terphenyl-d14	20.13	244	1336680	68.85	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	17032	3.476	ng	84
50) Dimethylphthalate	14.24	163	83996	6.529	ng	99

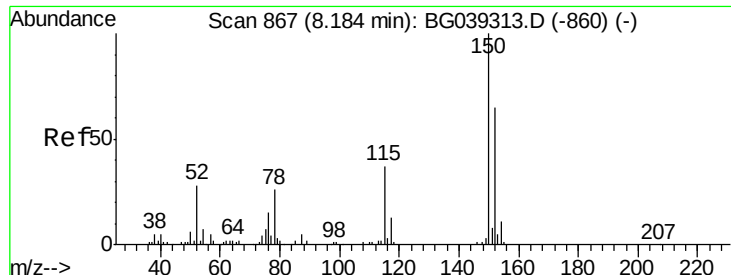
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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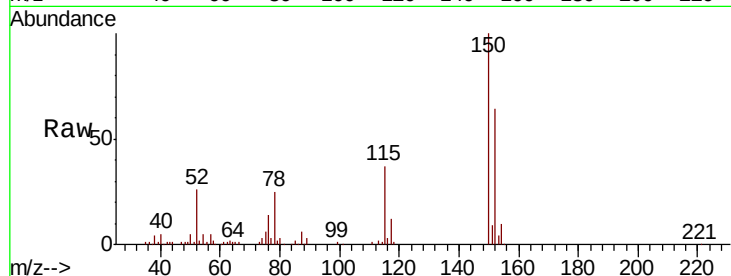


#1

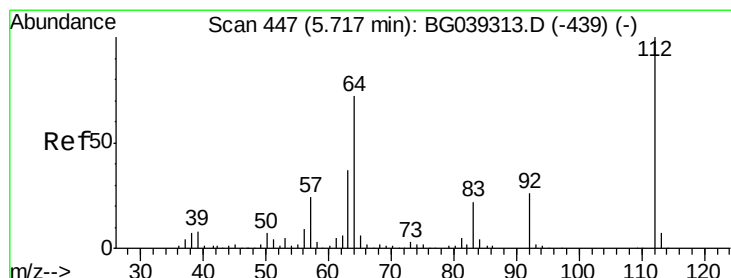
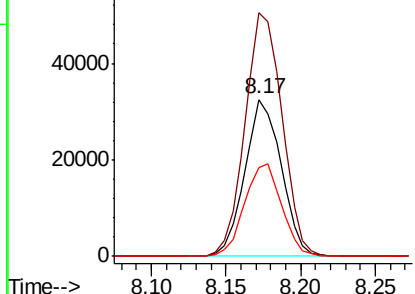
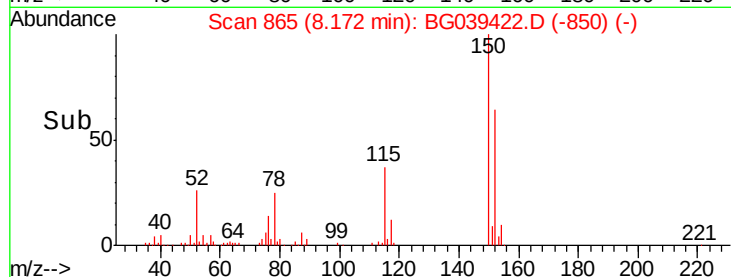
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039422.D
Acq: 8 Feb 2019 19:15

Instrument :
BNA_G
ClientSampleId :
A0C12-SS3-9.0-9.5

Tot Ion:152 Resp: 54659
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 57.0 45.9 68.9



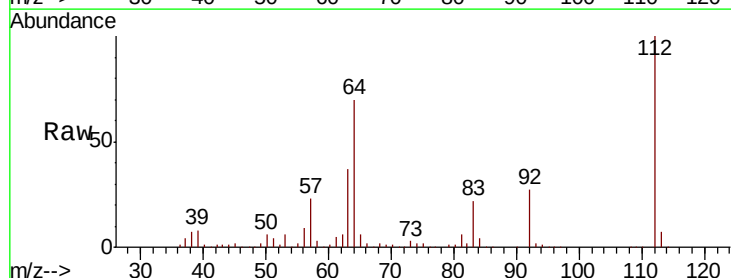
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



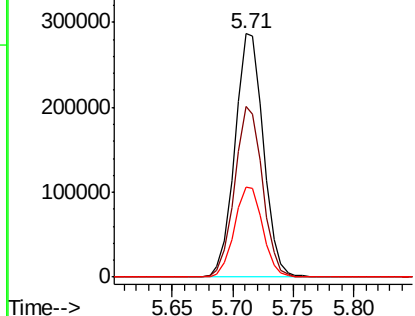
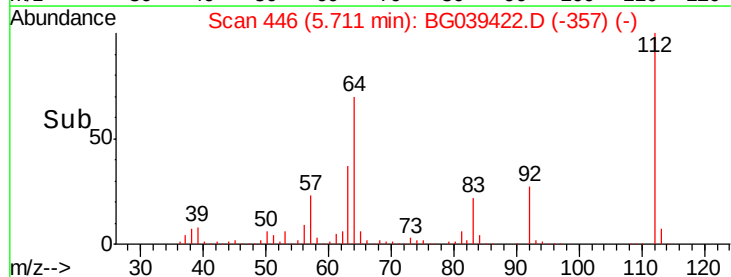
#5

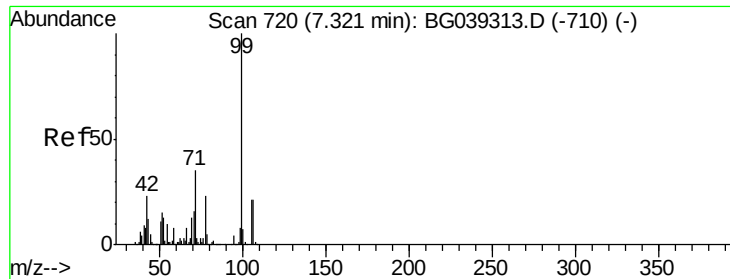
2-Fluorophenol
Concen: 147.574 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039422.D
Acq: 8 Feb 2019 19:15

Tgt Ion:112 Resp: 471296
Ion Ratio Lower Upper
112 100
64 69.9 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: 147.747 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039422.D

Acq: 8 Feb 2019 19:15

Instrument :

BNA_G

ClientSampleId :

A0C12-SS3-9.0-9.5

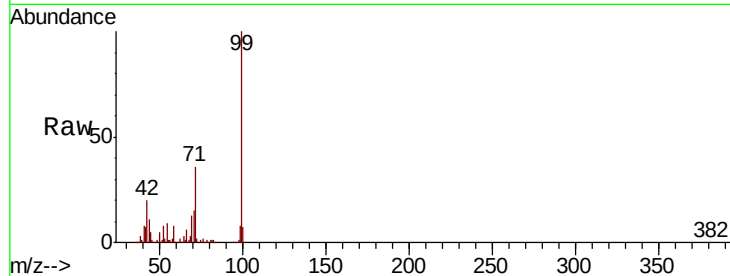
Tot Ion: 99 Resp: 694546

Ion Ratio Lower Upper

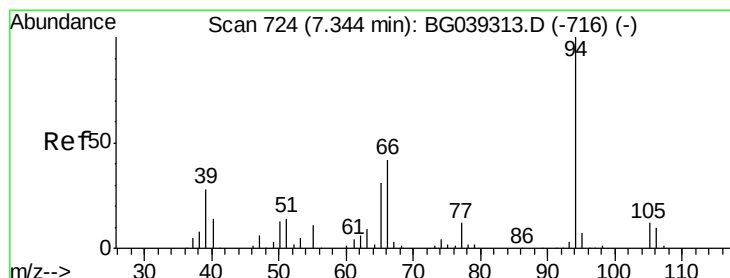
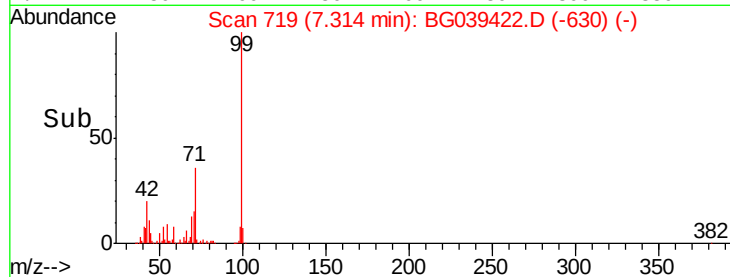
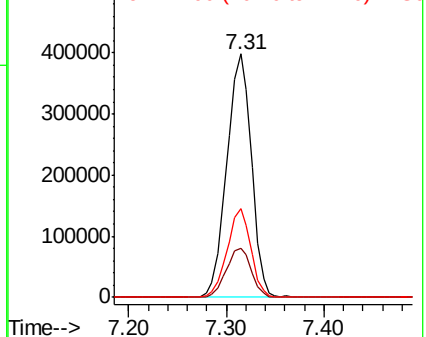
99 100

42 20.2 18.2 27.2

71 36.5 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: 3.476 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039422.D

Acq: 8 Feb 2019 19:15

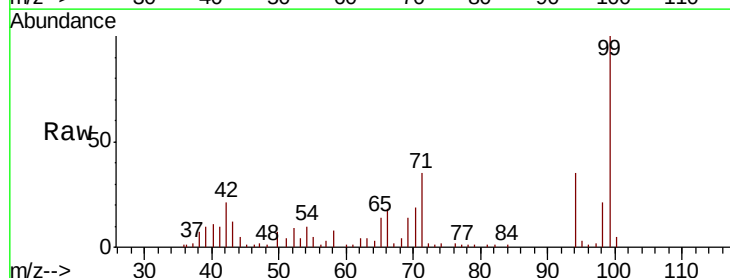
Tgt Ion: 94 Resp: 17032

Ion Ratio Lower Upper

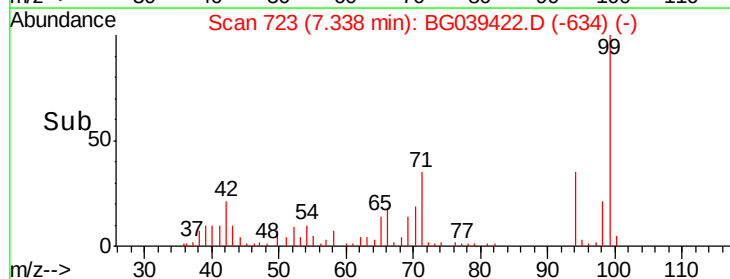
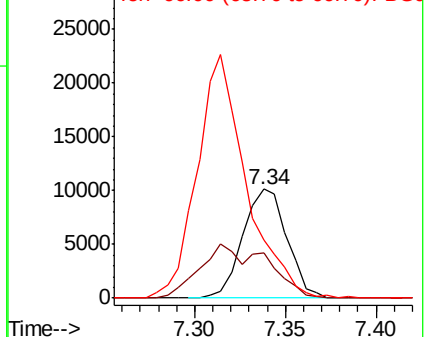
94 100

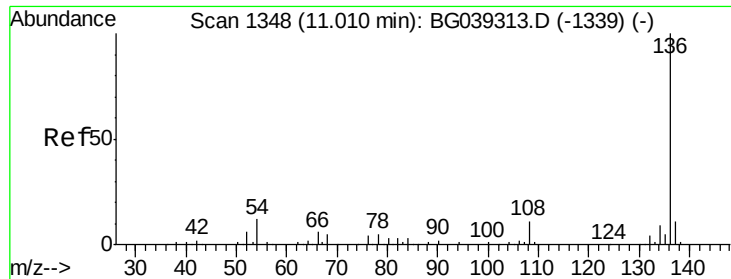
65 41.3 11.7 51.7

66 53.1 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

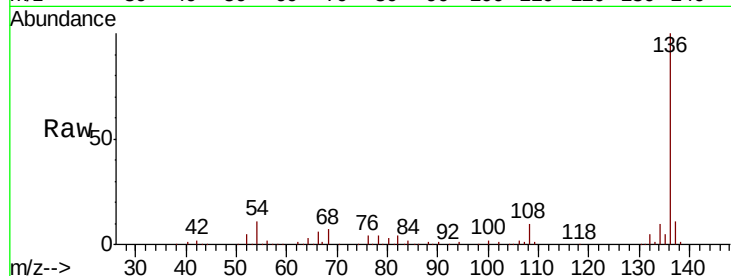




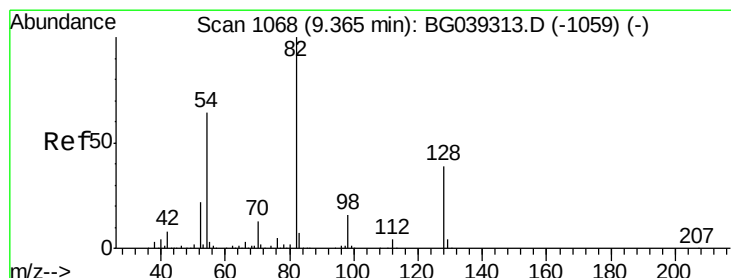
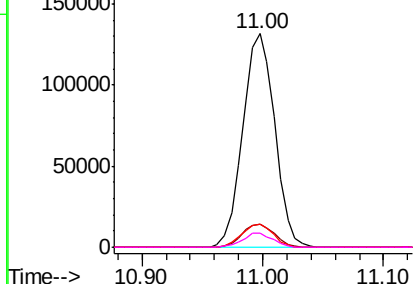
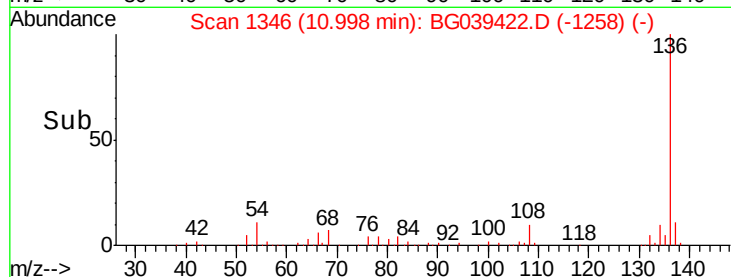
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039422.D
Acq: 8 Feb 2019 19:15

Instrument :
BNA_G
ClientSampleId :
A0C12-SS3-9.0-9.5

Tot Ion:136	Resp:	242864
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	10.7	9.4 14.2
68	6.7	4.2 6.4#

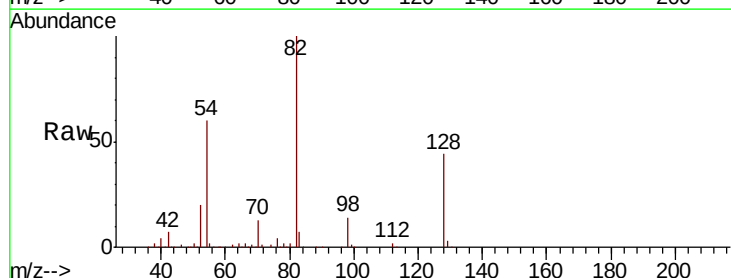


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

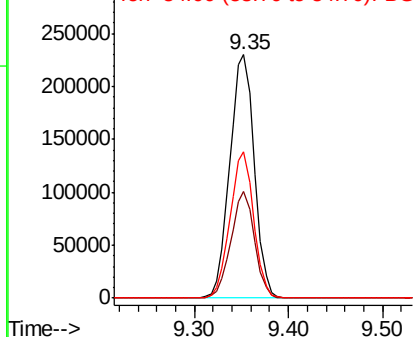
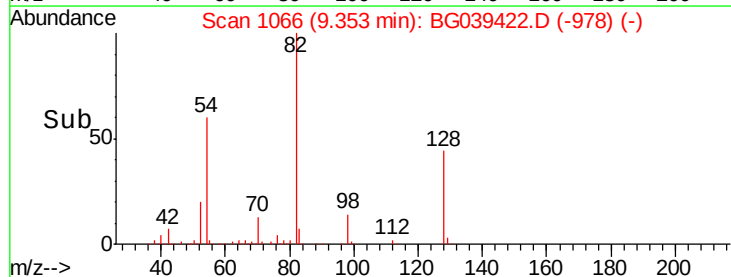


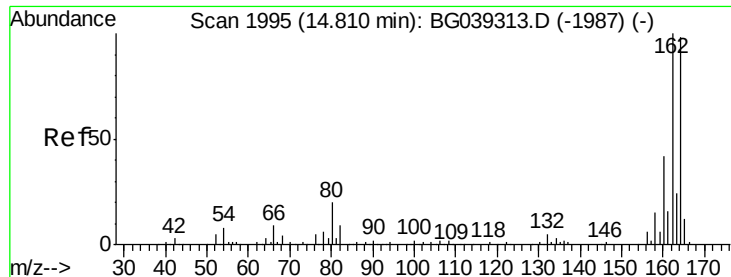
#23
Nitrobenzene-d5
Concen: 106.817 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039422.D
Acq: 8 Feb 2019 19:15

Tgt Ion: 82	Resp:	415259
Ion Ratio	Lower	Upper
82	100	
128	43.8	31.3 46.9
54	59.9	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: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039422.D

Acq: 8 Feb 2019 19:15

Instrument :

BNA_G

ClientSampleId :

A0C12-SS3-9.0-9.5

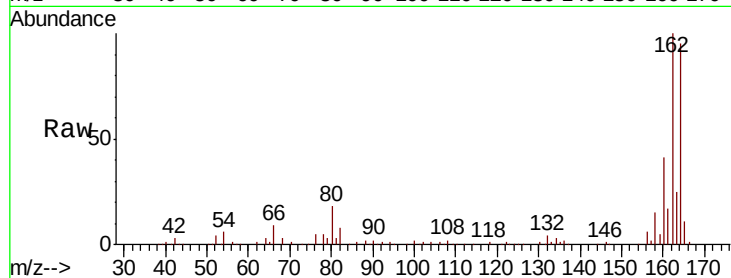
Tot Ion:164 Resp: 159299

Ion Ratio Lower Upper

164 100

162 105.7 81.6 122.4

160 43.8 34.2 51.2

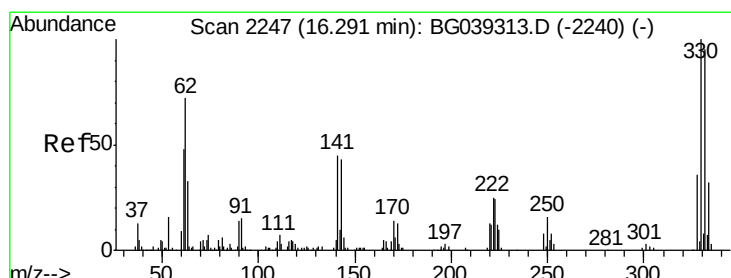
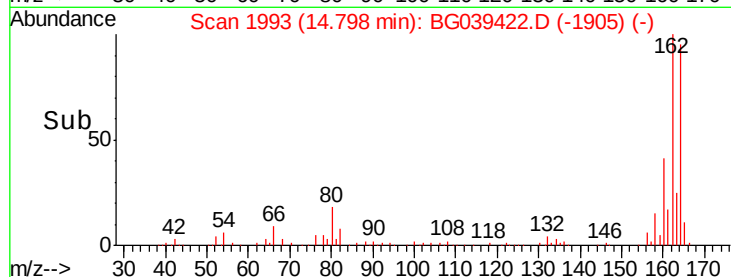
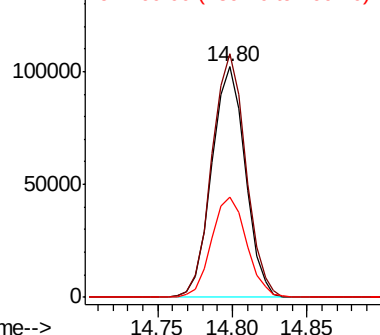


Abundance

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: 152.064 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039422.D

Acq: 8 Feb 2019 19:15

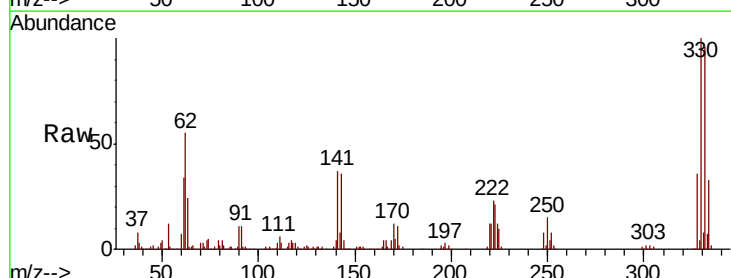
Tgt Ion:330 Resp: 260848

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

141 40.7 35.6 53.4

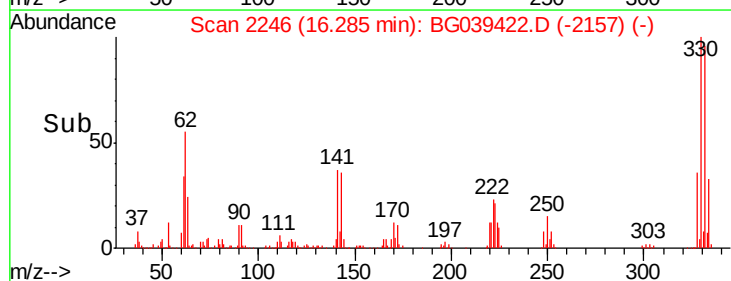
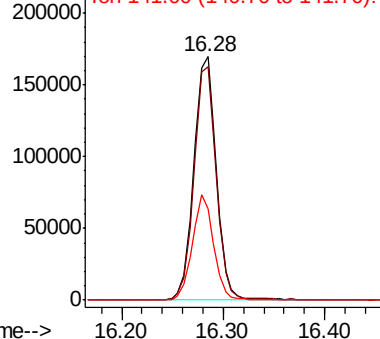


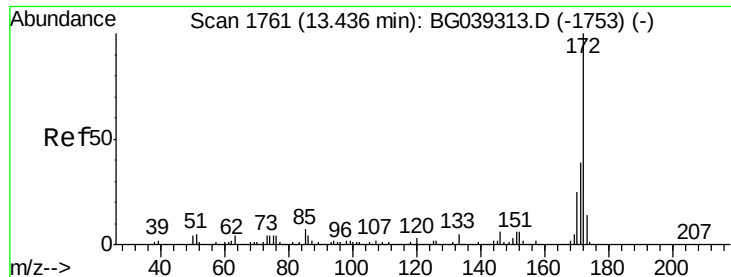
Abundance

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

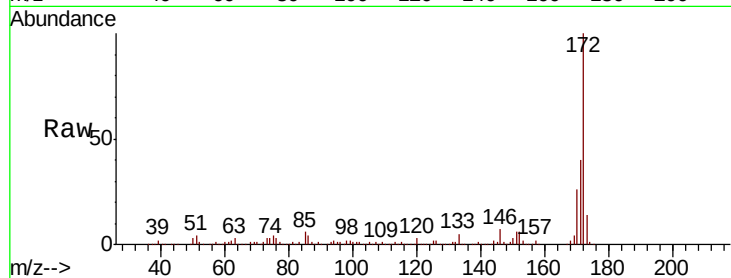




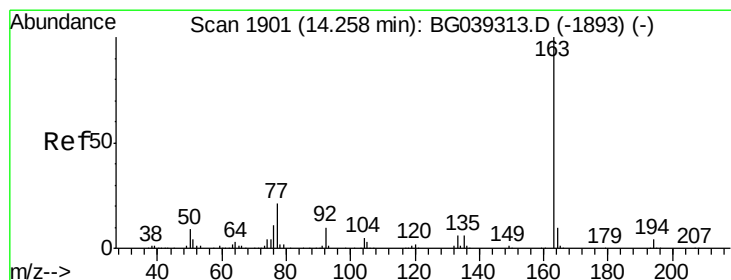
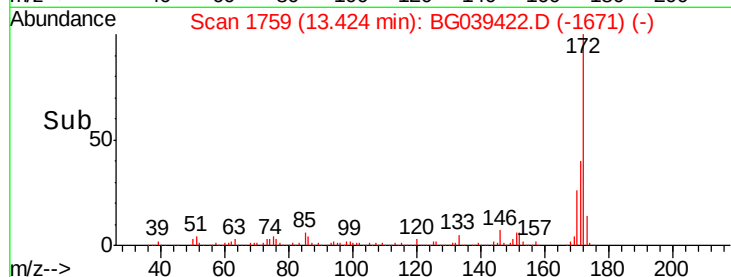
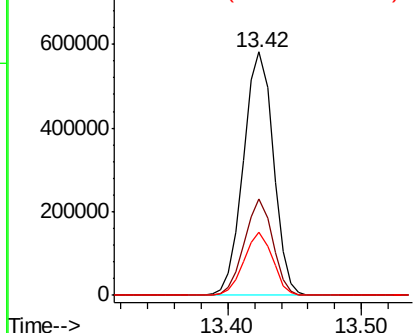
#45
2-Fluorobiphenyl
Concen: 80.984 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039422.D
Acq: 8 Feb 2019 19:15

Instrument :
BNA_G
ClientSampleId :
A0C12-SS3-9.0-9.5

Tot Ion:172 Resp: 899284
Ion Ratio Lower Upper
172 100
171 39.8 30.8 46.2
170 25.9 20.2 30.4

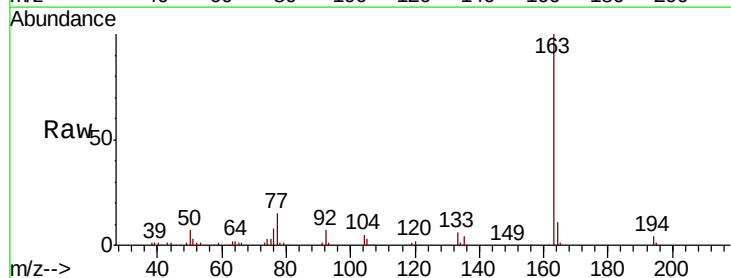


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

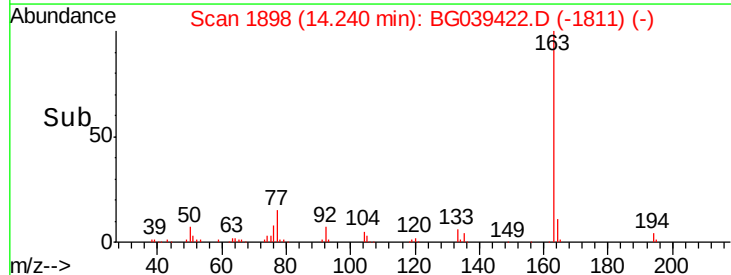
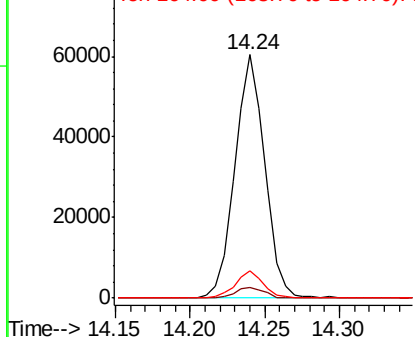


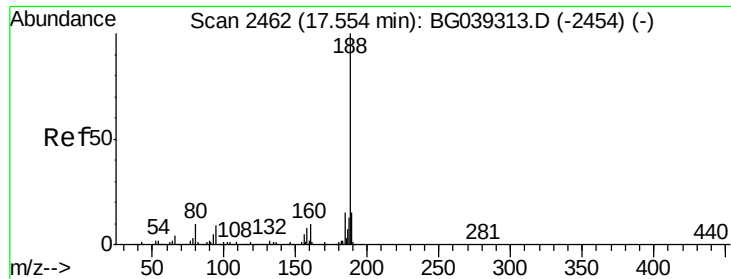
#50
Dimethylphthalate
Concen: 6.529 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039422.D
Acq: 8 Feb 2019 19:15

Tgt Ion:163 Resp: 83996
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 11.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039422.D

Acq: 8 Feb 2019 19:15

Instrument :

BNA_G

ClientSampleId :

A0C12-SS3-9.0-9.5

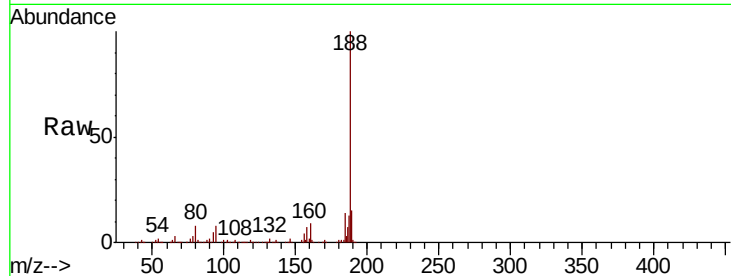
Tot Ion:188 Resp: 384141

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

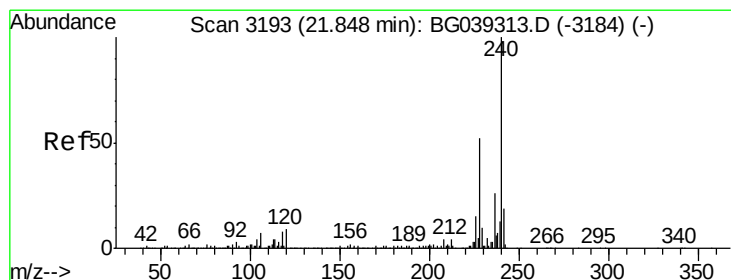
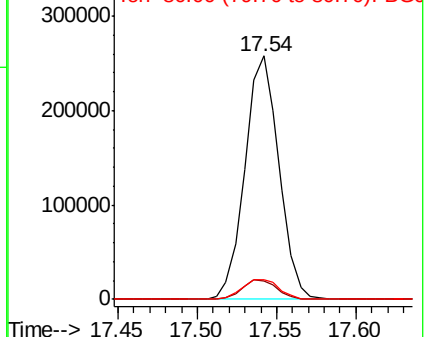
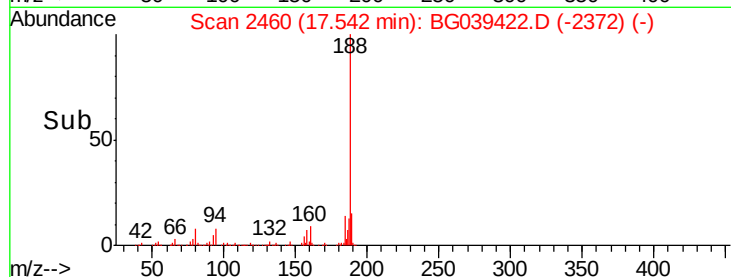
80 8.0 8.1 12.1#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039422.D

Acq: 8 Feb 2019 19:15

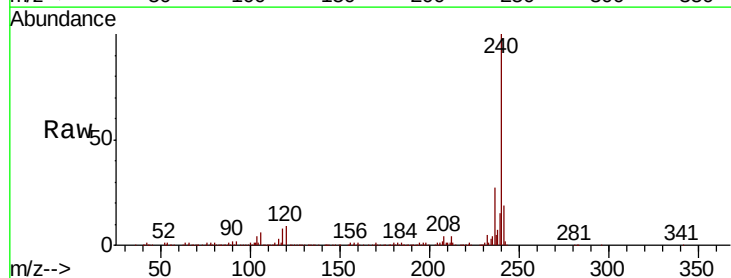
Tgt Ion:240 Resp: 410947

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

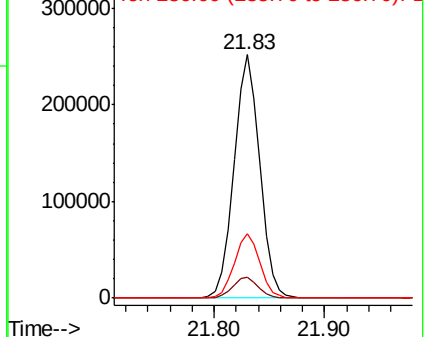
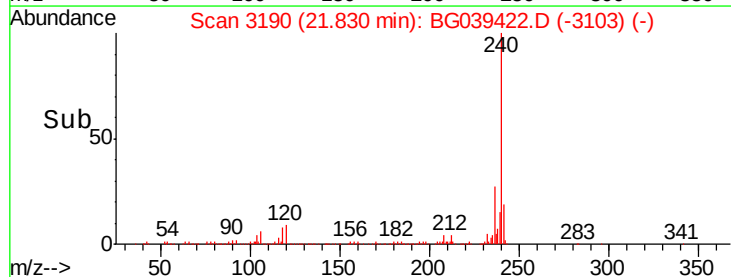
236 26.6 21.0 31.4

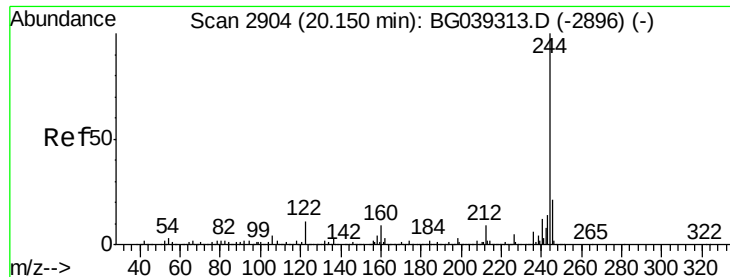


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



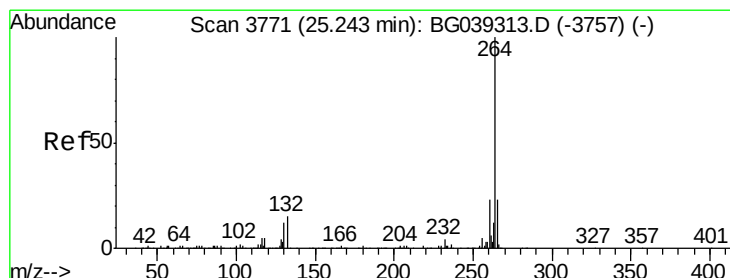
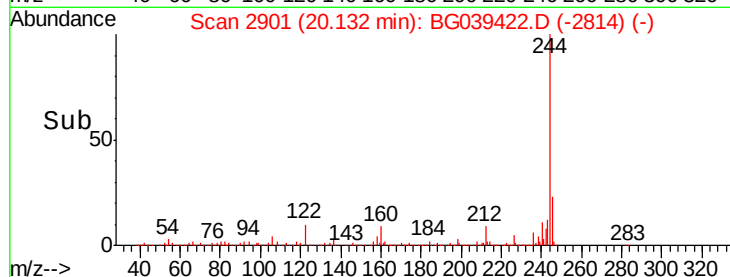
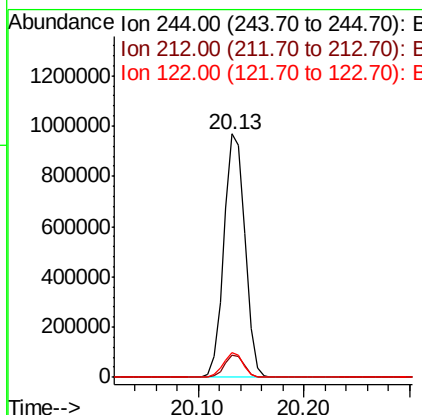
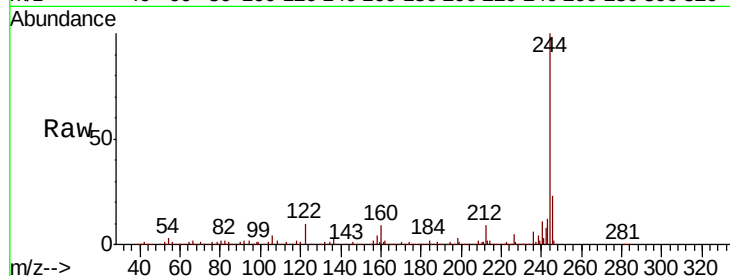


#79
 Terphenyl-d14
 Concen: 68.849 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039422.D
 Acq: 8 Feb 2019 19:15

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS3-9.0-9.5

Tot Ion:244 Resp: 1336680

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	10.4	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039422.D
 Acq: 8 Feb 2019 19:15

Tgt Ion:264 Resp: 423386

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	20.3	18.5	27.7

