

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
 Data File : BG039355.D
 Acq On : 1 Feb 2019 23:09
 Operator : JU/SJ
 Sample : K1307-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 013019-SIDI-E-D-M

Quant Time: Feb 02 02:12:54 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

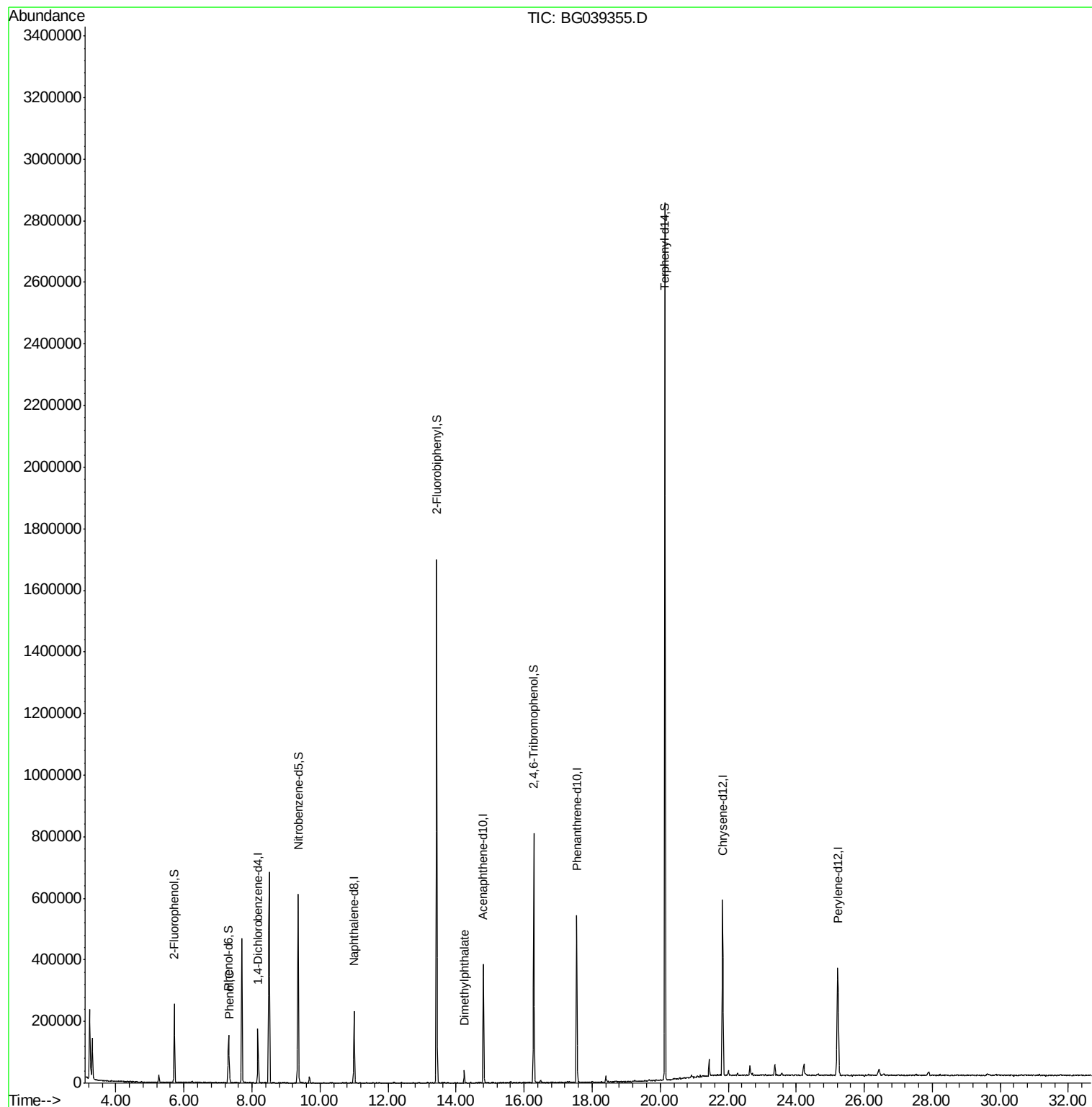
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	49232	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	197983	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	133629	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	331087	20.00	ng	0.00
76) Chrysene-d12	21.83	240	354210	20.00	ng	-0.02
87) Perylene-d12	25.22	264	355369	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	103138	35.86	ng	0.00
7) Phenol-d6	7.31	99	87286	20.61	ng	0.00
23) Nitrobenzene-d5	9.36	82	353542	111.56	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	137652	95.66	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	873130	93.73	ng	0.00
79) Terphenyl-d14	20.14	244	1294893	77.38	ng	0.00
Target Compounds						
10) Phenol	7.33	94	17148	3.885	ng	93
50) Dimethylphthalate	14.24	163	26908	2.493	ng	97

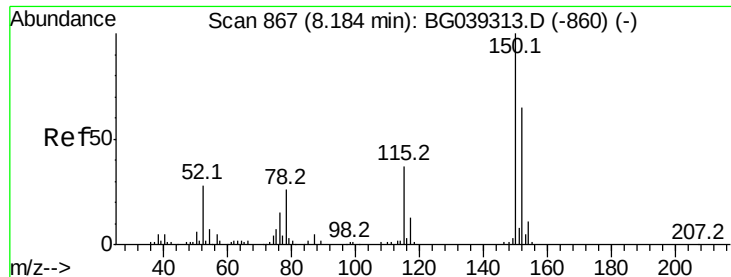
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

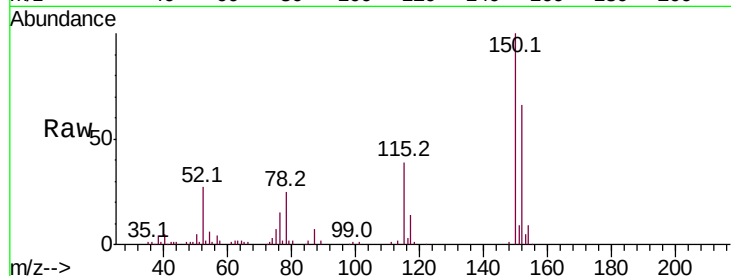
Tot Ion:152 Resp: 49232

Ion Ratio Lower Upper

152 100

150 152.4 123.7 185.5

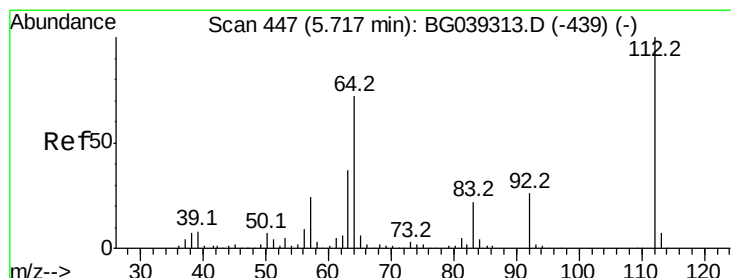
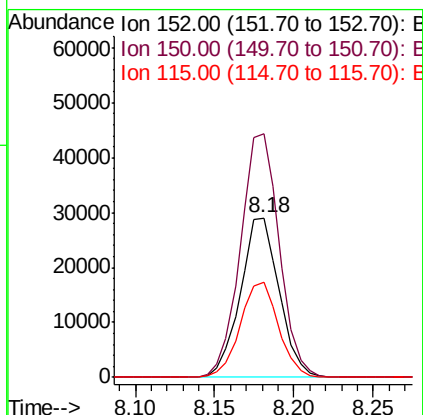
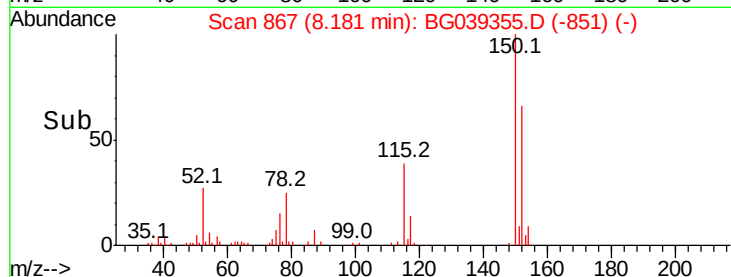
115 59.7 45.9 68.9



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: 35.855 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

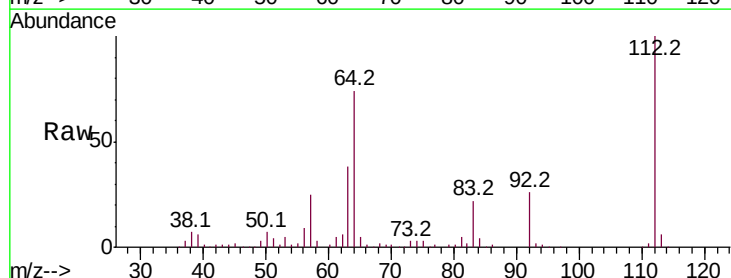
Tgt Ion:112 Resp: 103138

Ion Ratio Lower Upper

112 100

64 74.4 57.8 86.8

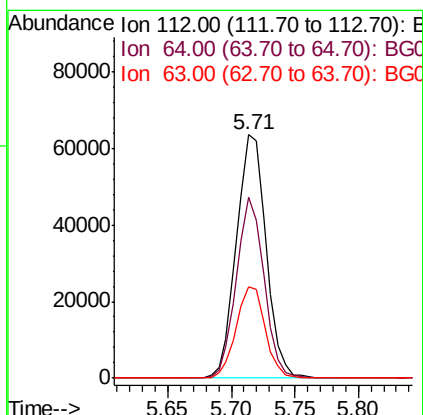
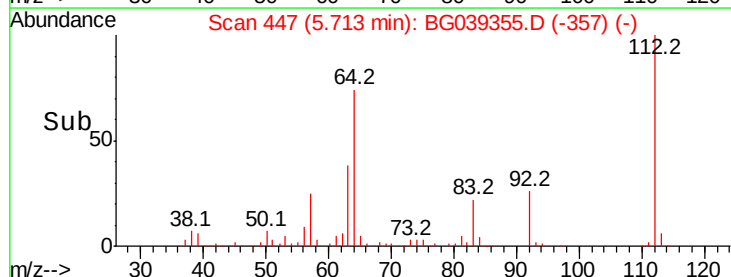
63 37.7 29.8 44.6

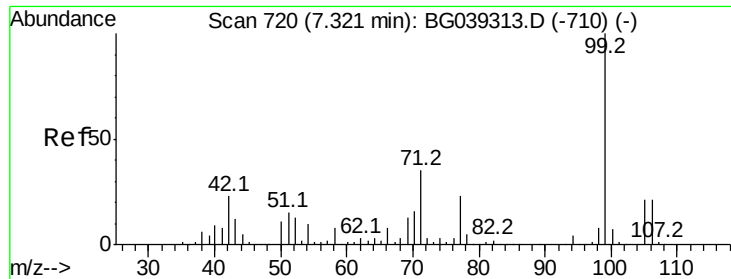


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 20.615 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

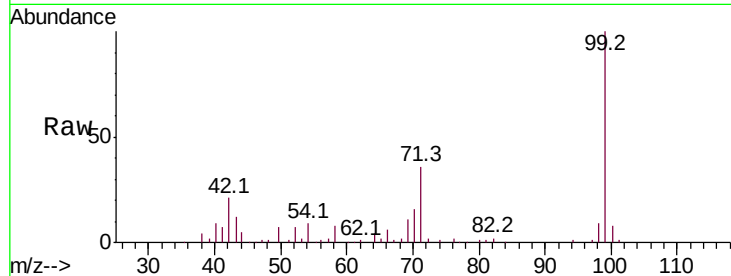
Tot Ion: 99 Resp: 87286

Ion Ratio Lower Upper

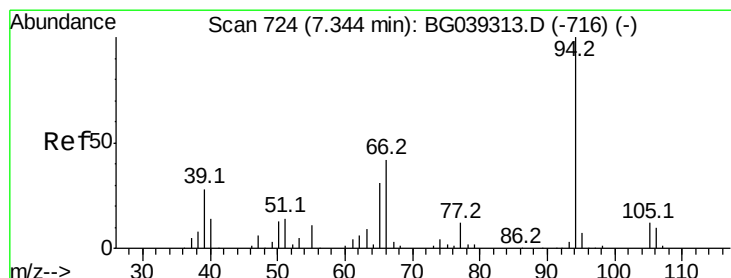
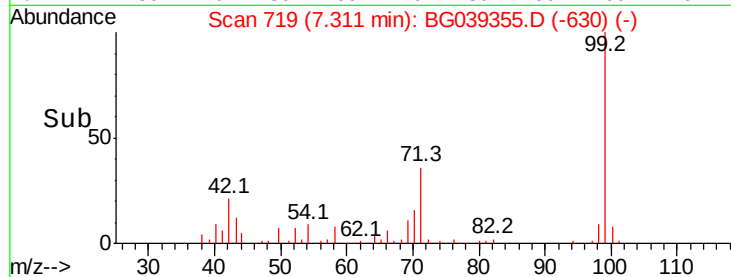
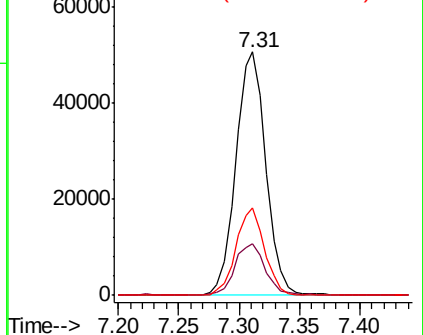
99 100

42 21.1 18.2 27.2

71 36.0 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: 3.885 ng

RT: 7.33 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

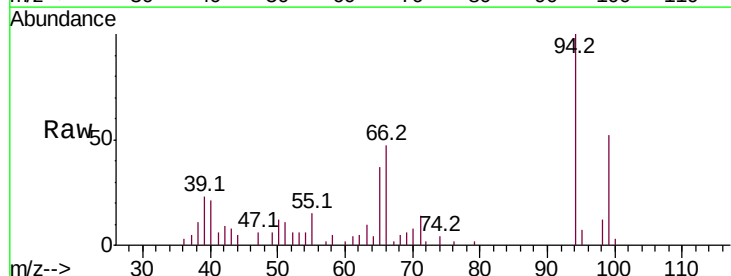
Tgt Ion: 94 Resp: 17148

Ion Ratio Lower Upper

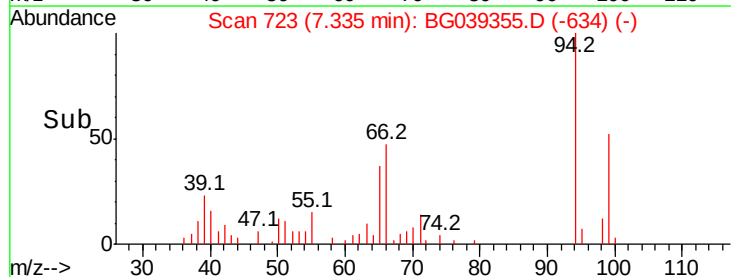
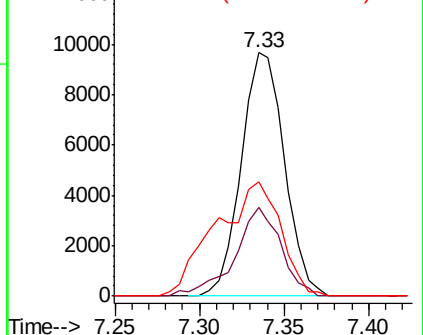
94 100

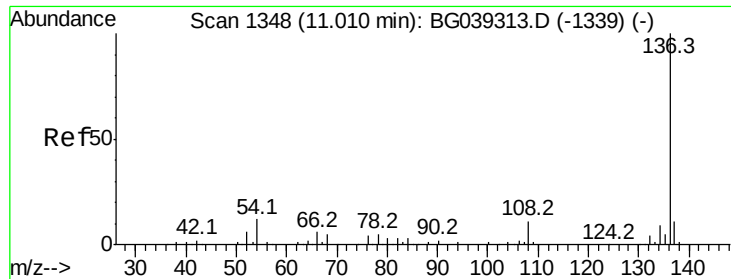
65 36.6 11.7 51.7

66 46.9 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# 1347

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

Tot Ion:136 Resp: 197983

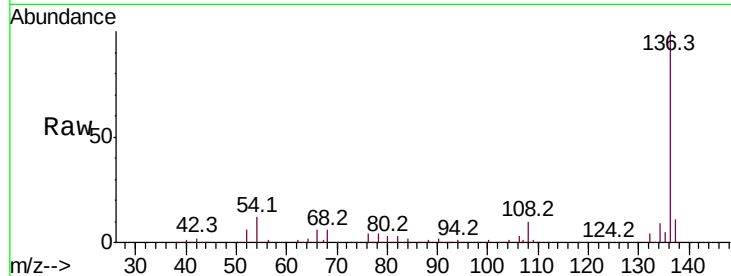
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 11.8 9.4 14.2

68 5.5 4.2 6.4

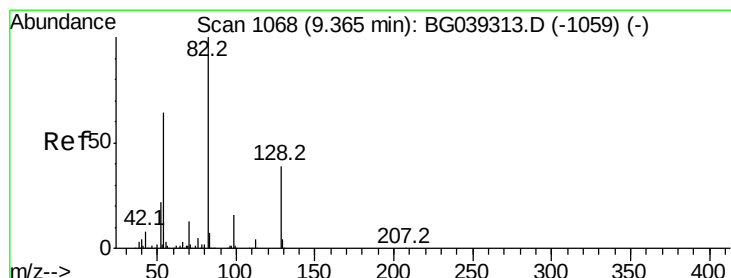
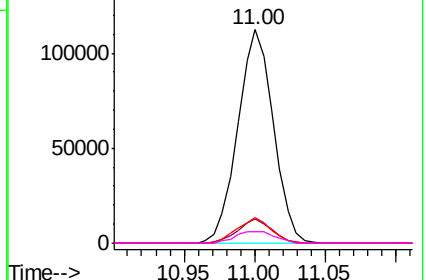
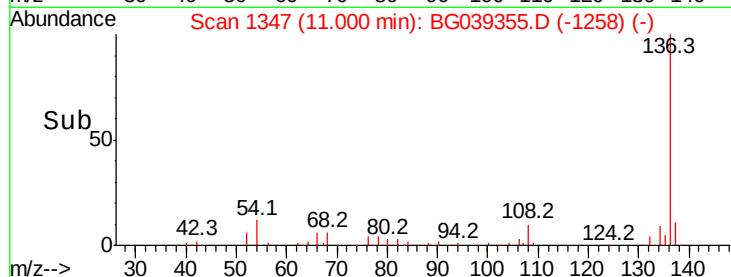


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.557 ng

RT: 9.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

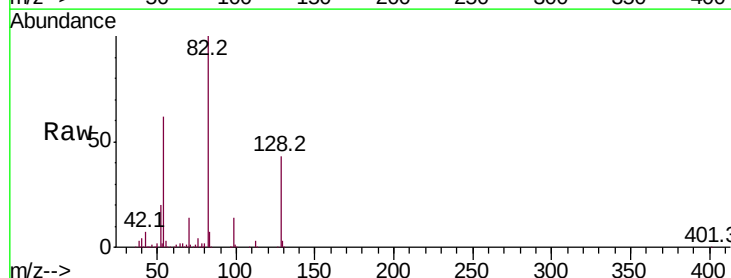
Tgt Ion: 82 Resp: 353542

Ion Ratio Lower Upper

82 100

128 42.5 31.3 46.9

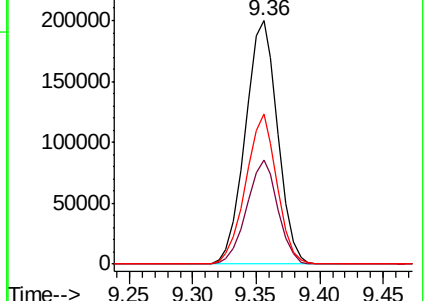
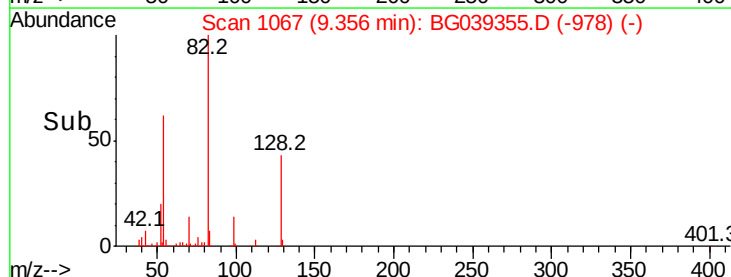
54 61.9 50.9 76.3

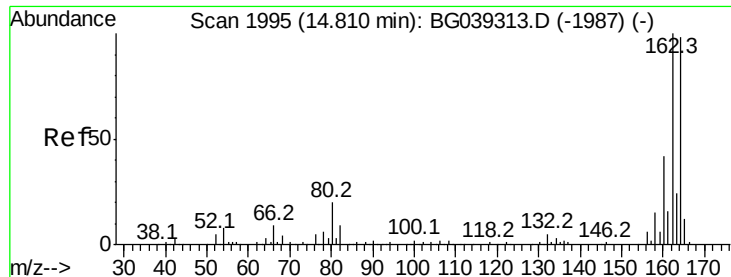


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1994

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

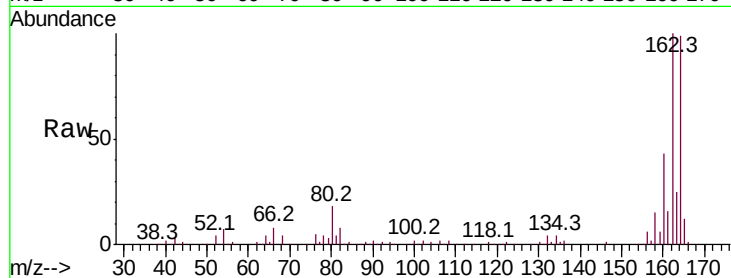
Tot Ion:164 Resp: 133629

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

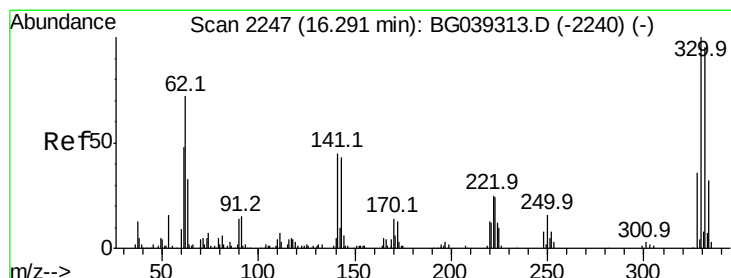
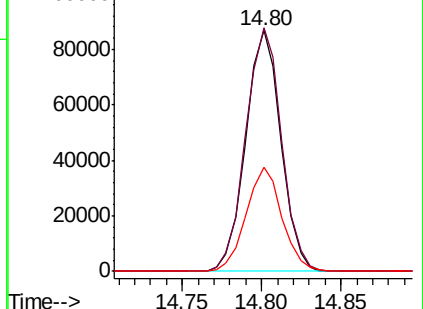
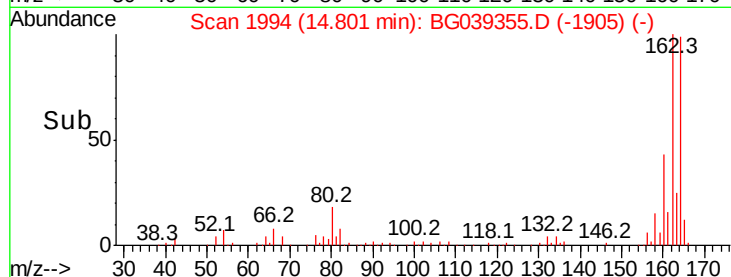
160 43.3 34.2 51.2



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: 95.661 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

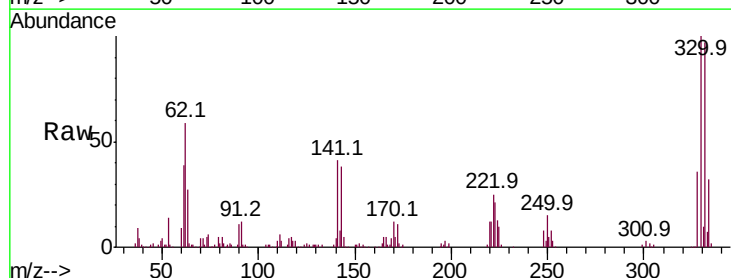
Tgt Ion:330 Resp: 137652

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

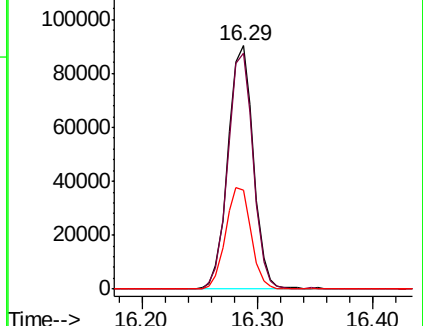
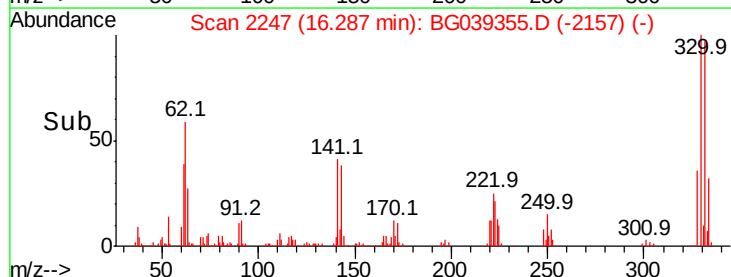
141 41.8 35.6 53.4

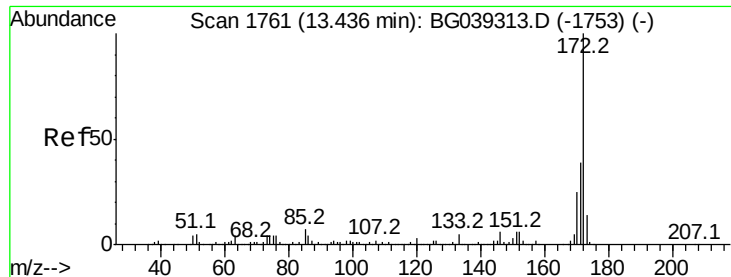


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

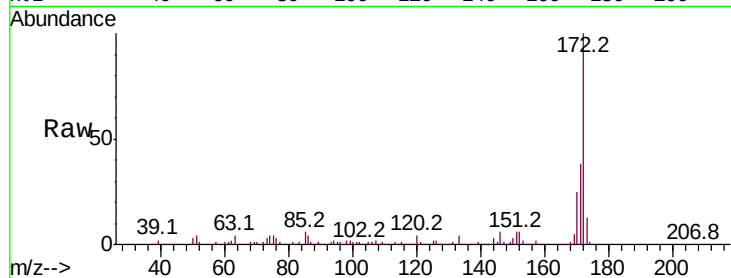




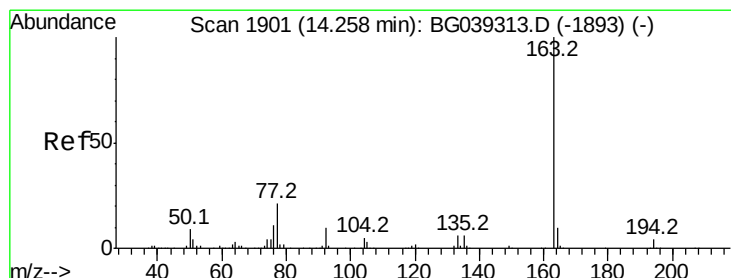
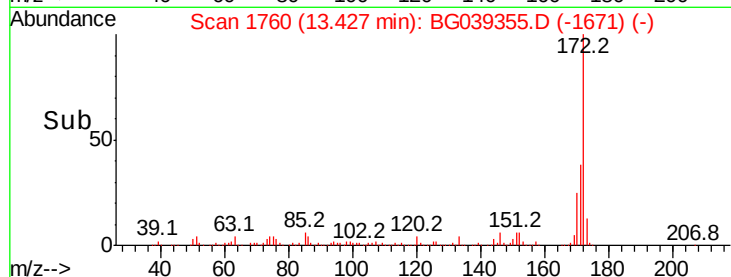
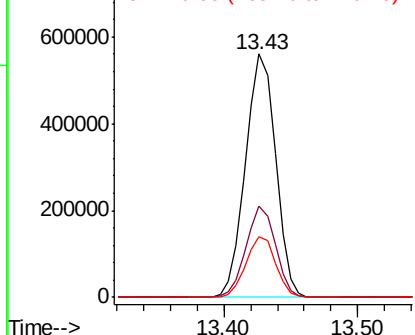
#45
2-Fluorobiphenyl
Concen: 93.733 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039355.D
Acq: 1 Feb 2019 23:09

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-M

Tot Ion:172 Resp: 873130
Ion Ratio Lower Upper
172 100
171 37.7 30.8 46.2
170 24.8 20.2 30.4

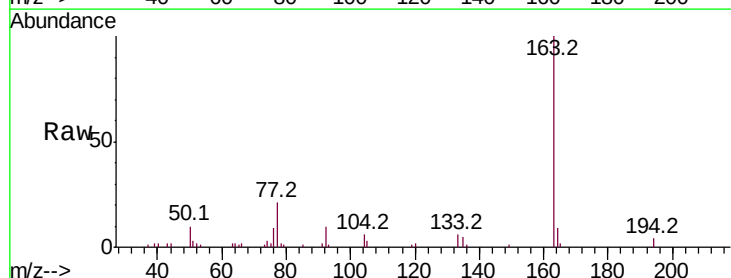


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

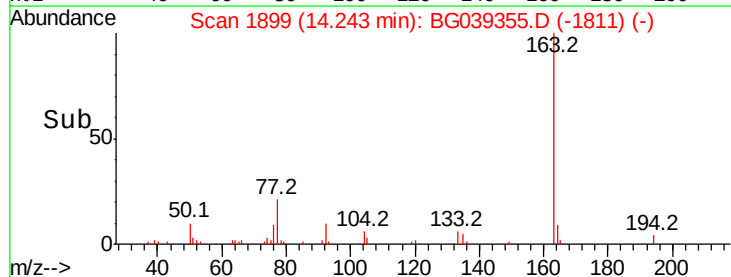
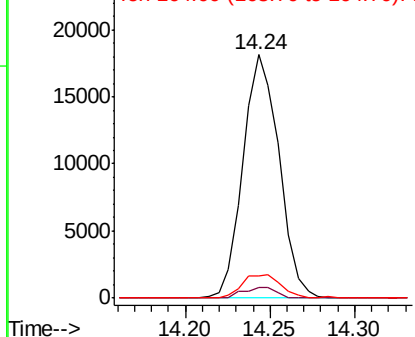


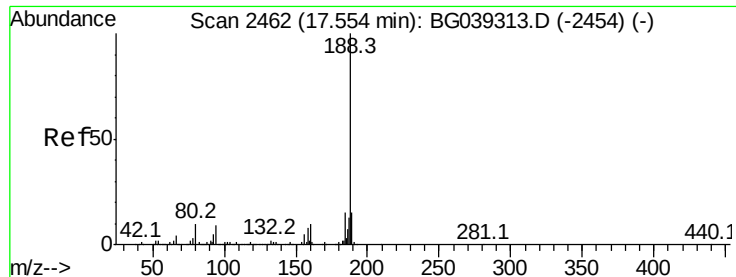
#50
Dimethylphthalate
Concen: 2.493 ng
RT: 14.24 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BG039355.D
Acq: 1 Feb 2019 23:09

Tgt Ion:163 Resp: 26908
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 8.9 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# 2461

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

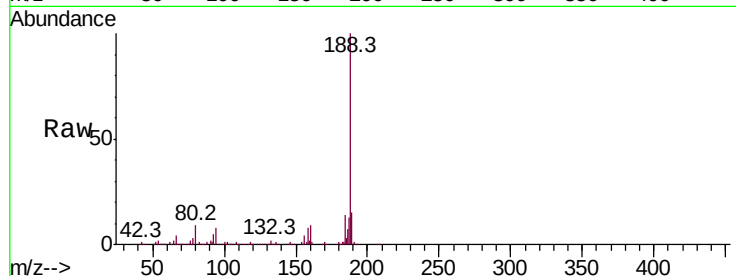
Tot Ion:188 Resp: 331087

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

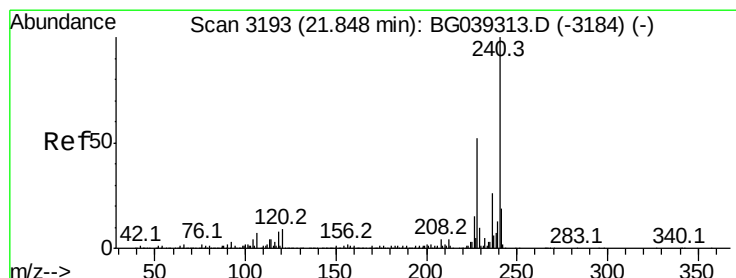
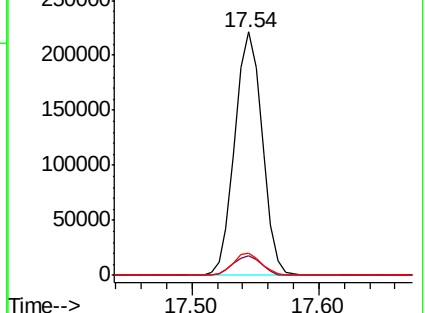
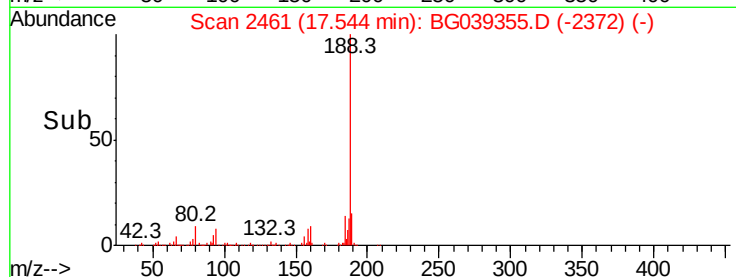
80 9.1 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

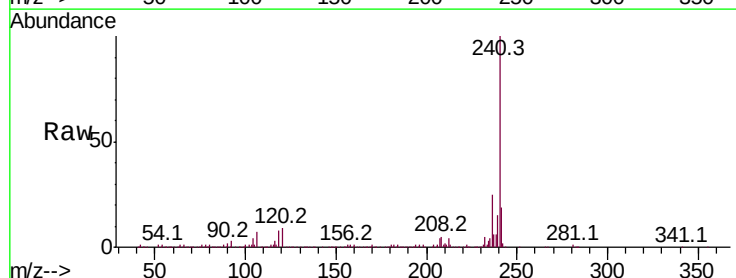
Tgt Ion:240 Resp: 354210

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

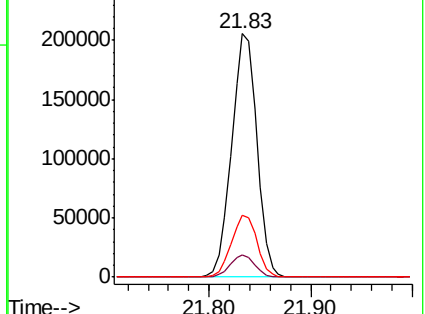
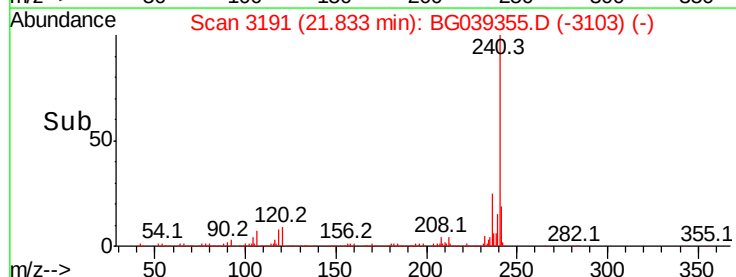
236 25.3 21.0 31.4

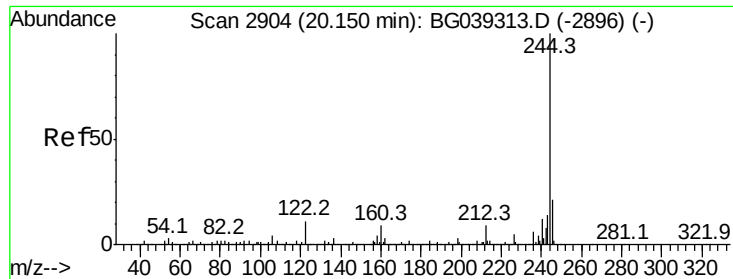


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



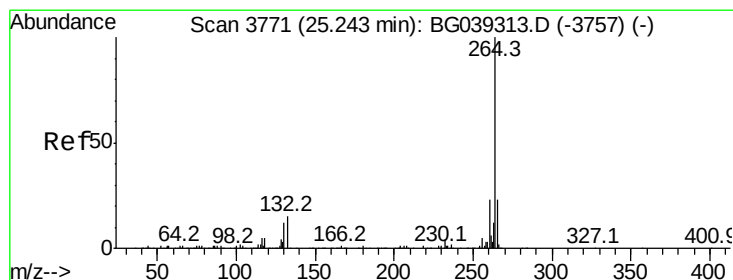
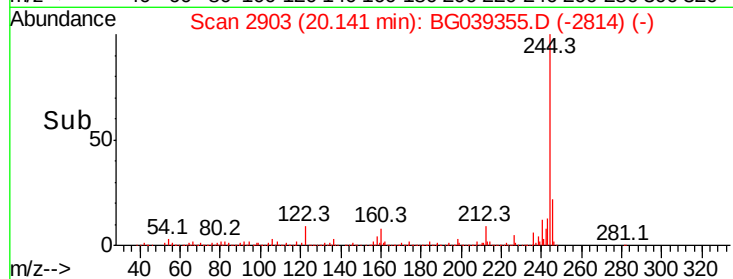
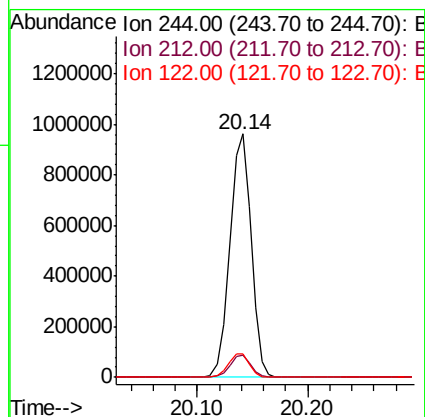
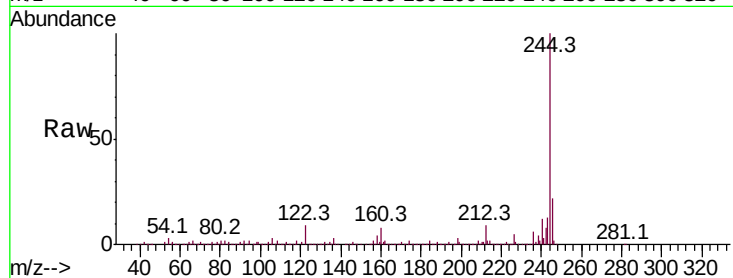


#79
 Terphenyl-d14
 Concen: 77.380 ng
 RT: 20.14 min Scan# 2903
 Delta R.T. -0.01 min
 Lab File: BG039355.D
 Acq: 1 Feb 2019 23:09

Instrument :
 BNA_G
 ClientSampleId :
 013019-SIDI-E-D-M

Tot Ion:244 Resp: 1294893

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.4	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3768
 Delta R.T. -0.02 min
 Lab File: BG039355.D
 Acq: 1 Feb 2019 23:09

Tgt Ion:264 Resp: 355369

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.4	18.5	27.7

