

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099775.D
 Acq On : 23 Oct 2017 22:45
 Operator : SJ/JU
 Sample : I6036-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 24 00:35:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

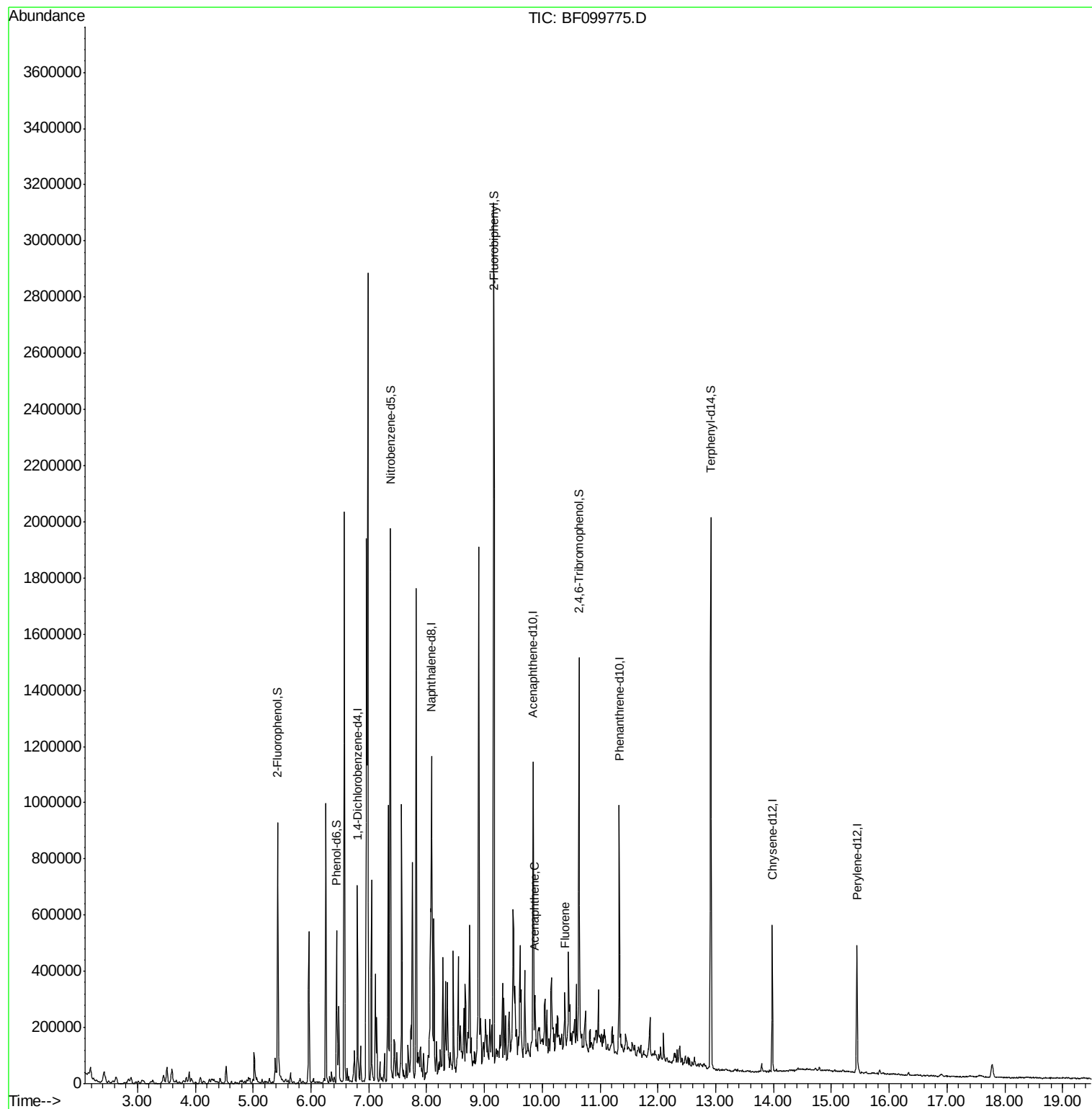
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108817	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	438962	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	207490	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	304950	20.00	ng	0.00
75) Chrysene-d12	13.98	240	175524	20.00	ng	0.00
86) Perylene-d12	15.44	264	197760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	332176	47.92	ng	0.00
7) Phenol-d6	6.45	99	244508	29.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	505272	74.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	173707	91.87	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1059198	78.76	ng	0.00
78) Terphenyl-d14	12.92	244	616396	76.74	ng	0.00
Target Compounds						
51) Acenaphthene	9.87	154	26497	2.065	ng	93
57) Fluorene	10.39	166	51394	3.428	ng	# 98

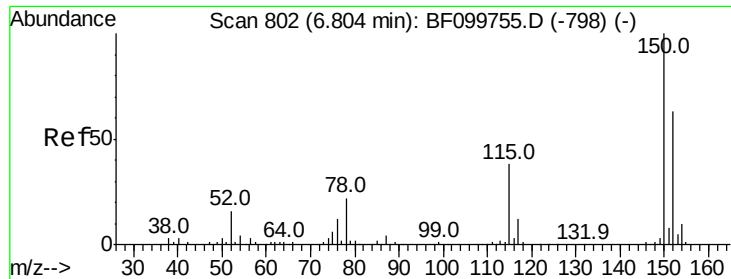
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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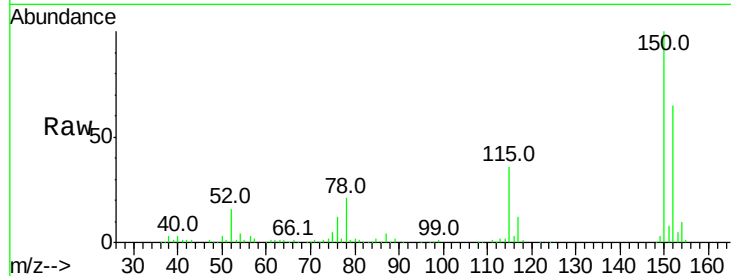


#1

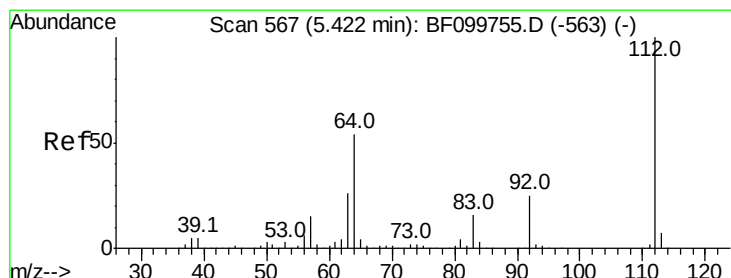
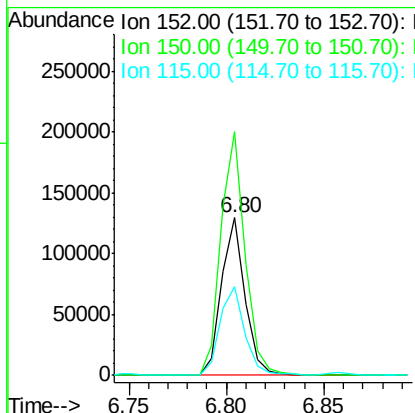
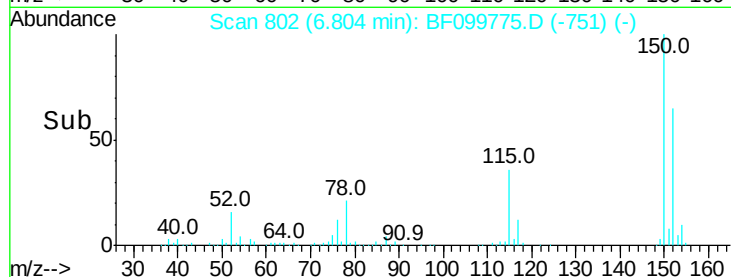
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:152 Resp: 108817
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 56.3 50.1 75.1



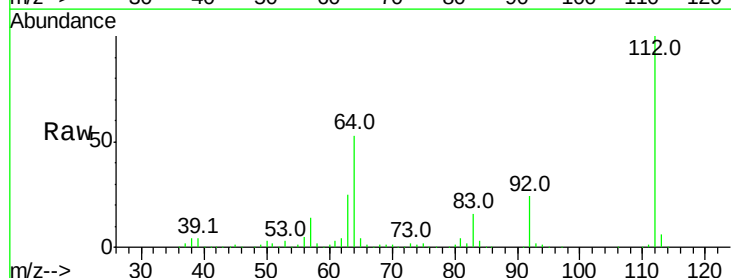
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



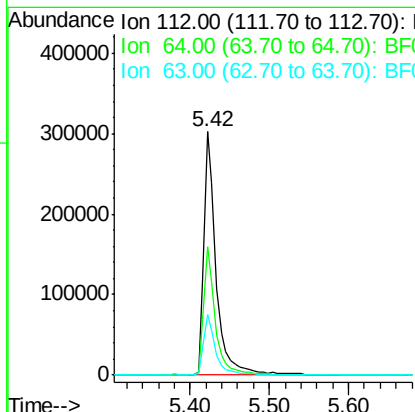
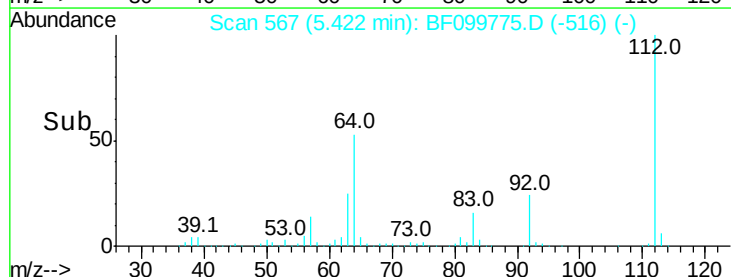
#5

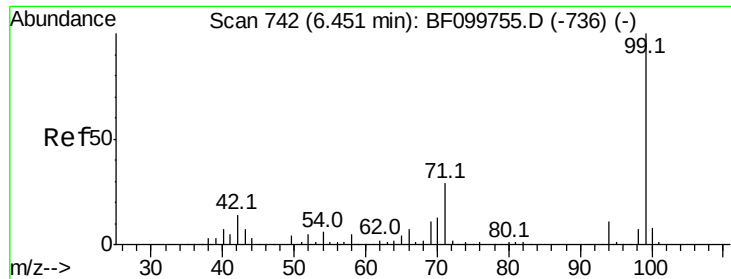
2-Fluorophenol
Concen: 47.925 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Tgt Ion:112 Resp: 332176
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 24.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.751 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

MW-1

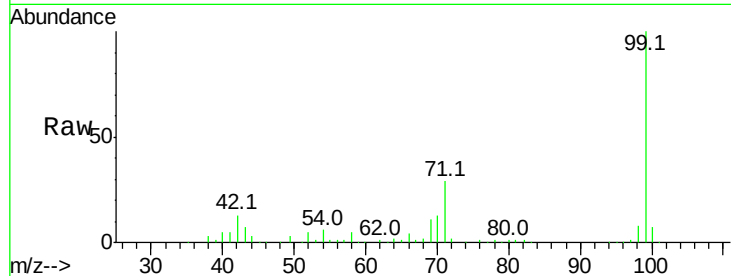
Tot Ion: 99 Resp: 244508

Ion Ratio Lower Upper

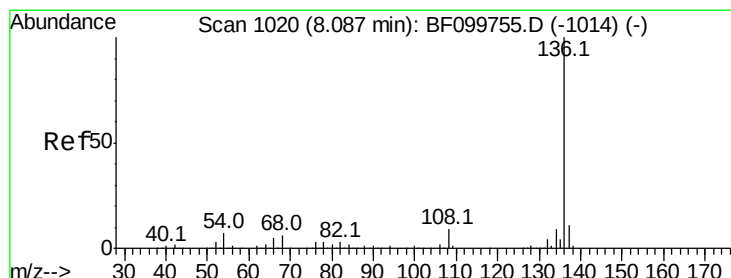
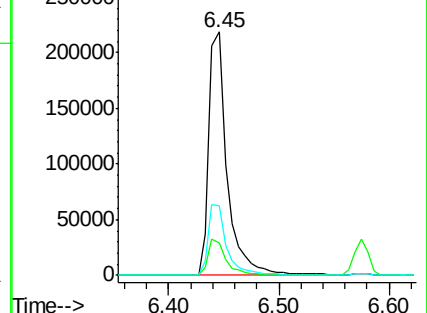
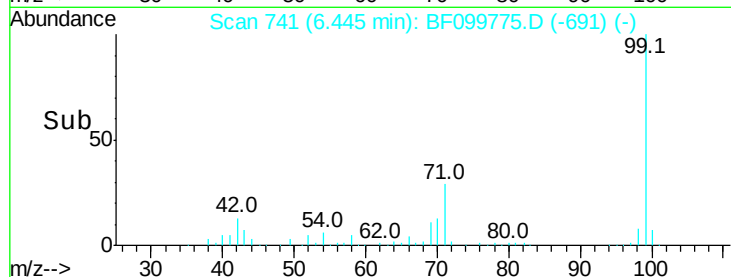
99 100

42 13.2 14.5 21.7#

71 28.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

Tgt Ion: 136 Resp: 438962

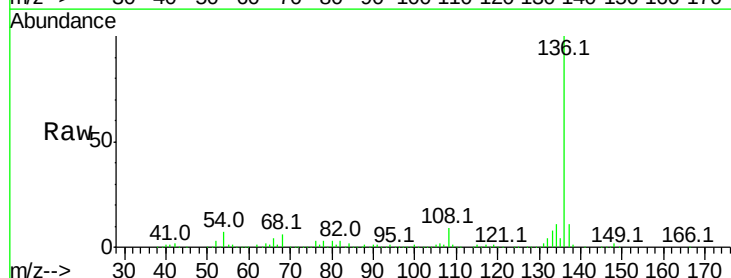
Ion Ratio Lower Upper

136 100

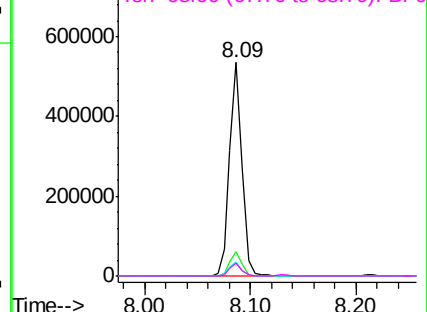
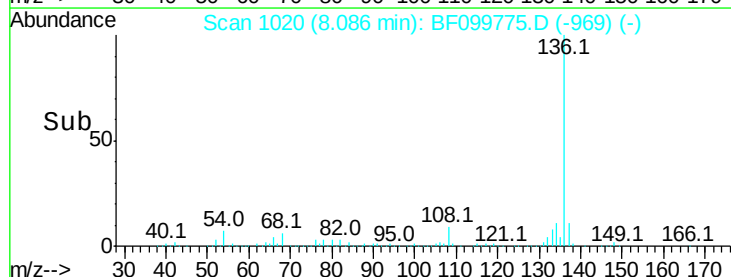
137 11.1 8.9 13.3

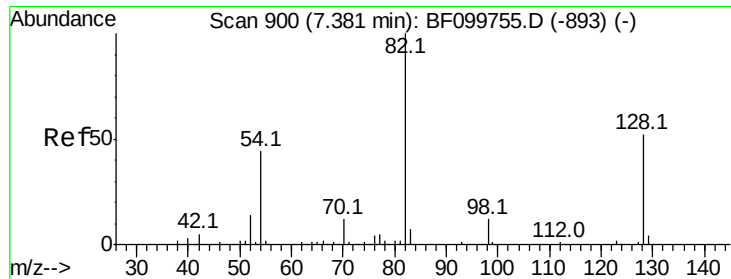
54 6.7 6.6 9.8

68 6.1 5.0 7.4



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

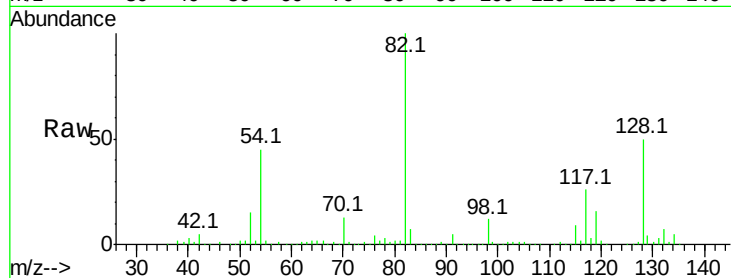




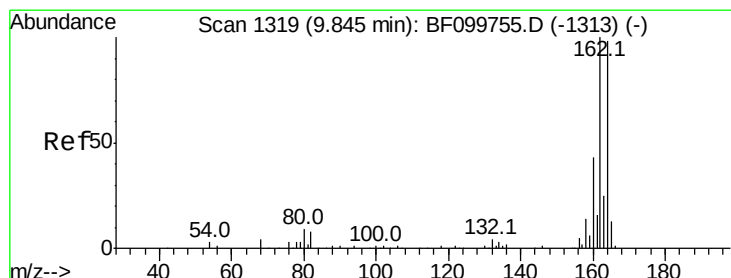
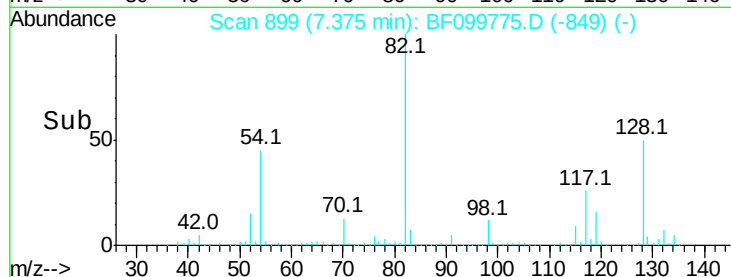
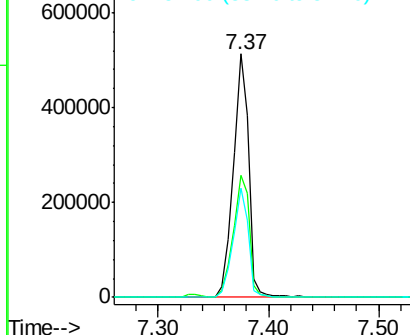
#23
Nitrobenzene-d5
Concen: 74.106 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion: 82 Resp: 505272
Ion Ratio Lower Upper
82 100
128 50.2 36.1 54.1
54 44.6 41.4 62.2

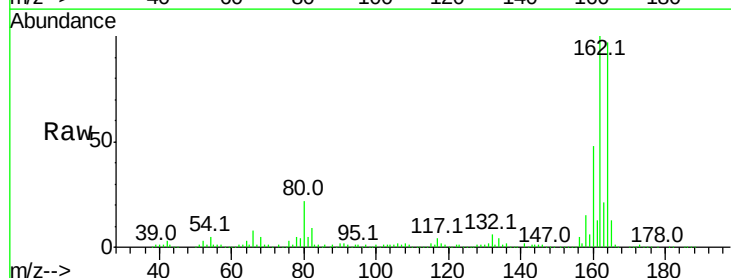


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

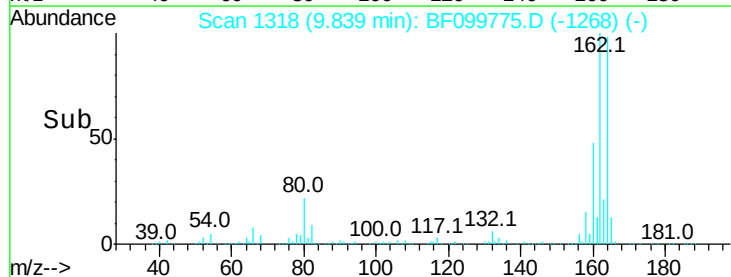
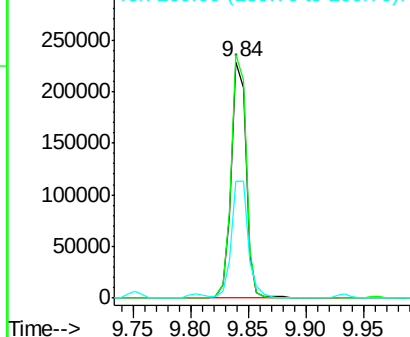


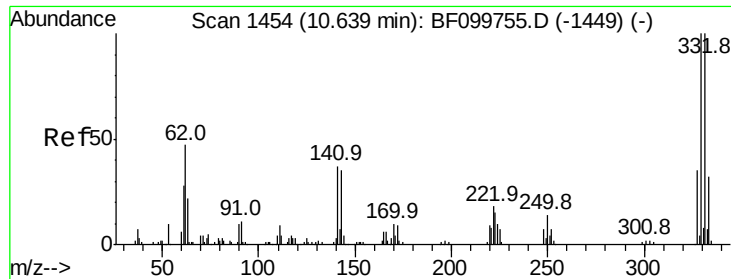
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099775.D
Acq: 23 Oct 2017 22:45

Tgt Ion:164 Resp: 207490
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 49.4 38.3 57.5



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





#41

2,4,6-Tribromophenol

Concen: 91.865 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

MW-1

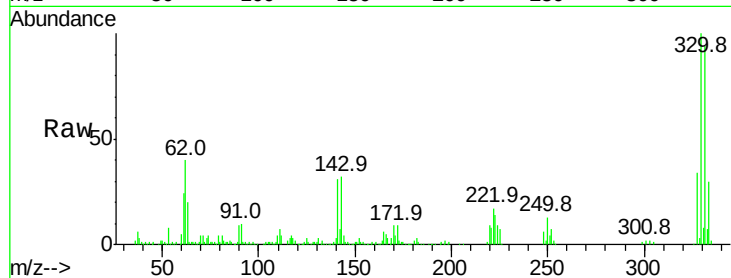
Tot Ion:330 Resp: 173707

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

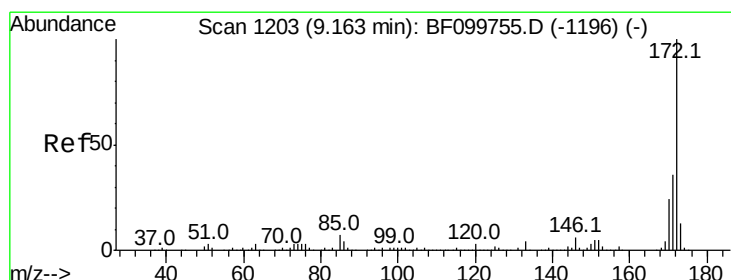
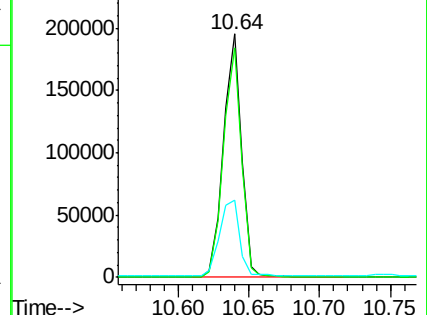
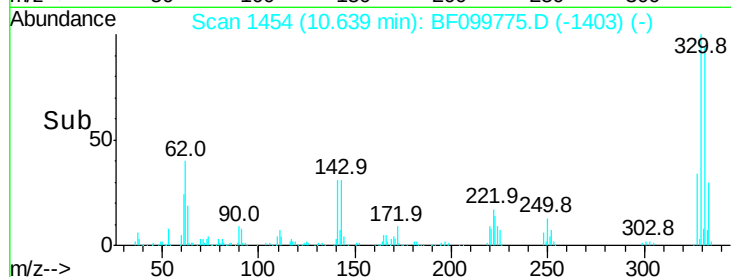
141 35.3 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 78.759 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

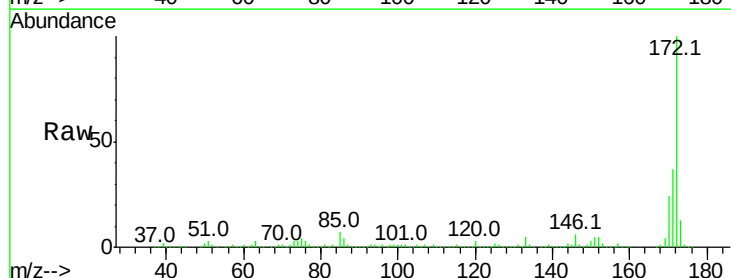
Tgt Ion:172 Resp: 1059198

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

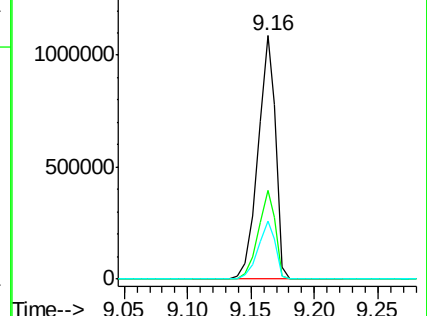
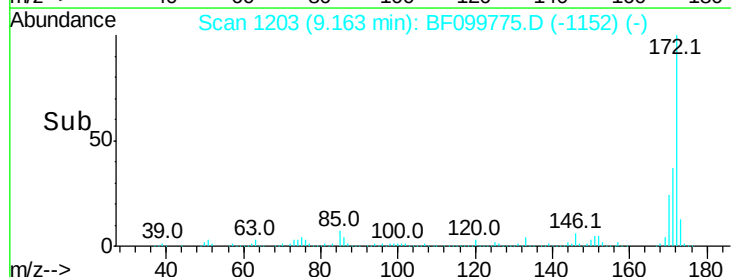
170 24.0 19.6 29.4

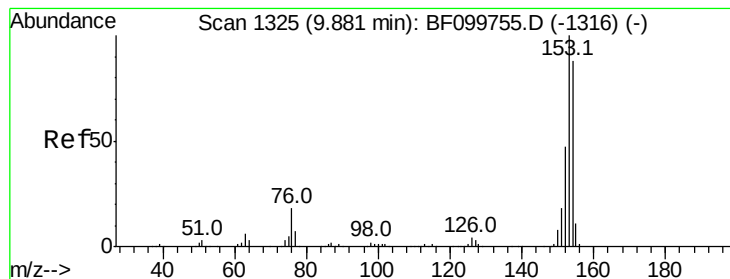


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

Acenaphthene

Concen: 2.065 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

Instrument :

BNA_F

ClientSampled :

MW-1

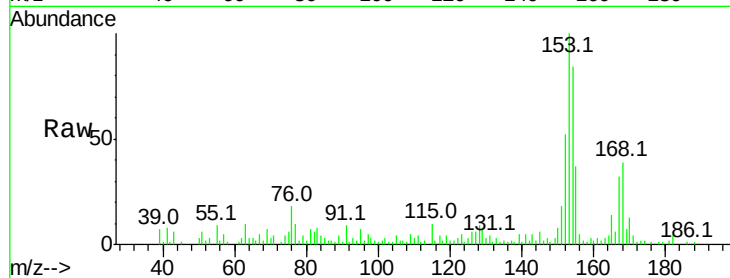
Tot Ion:154 Resp: 26497

Ion Ratio Lower Upper

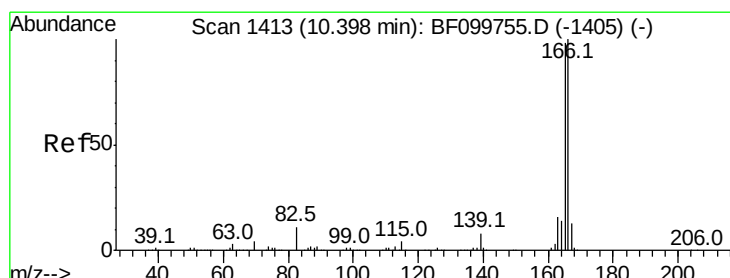
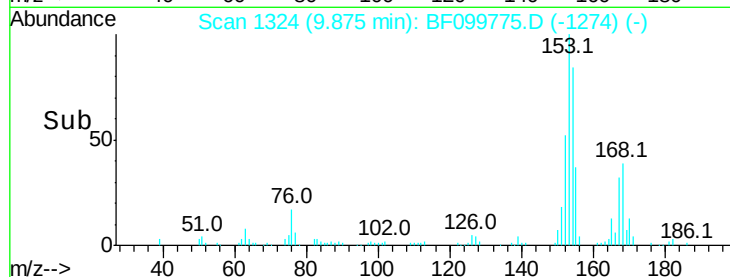
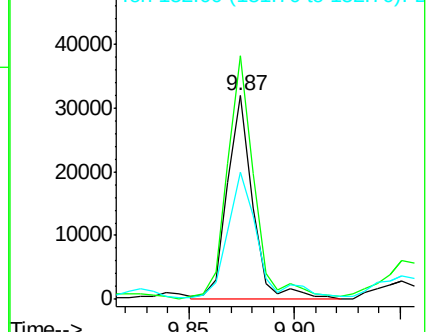
154 100

153 119.7 91.2 136.8

152 62.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 3.428 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

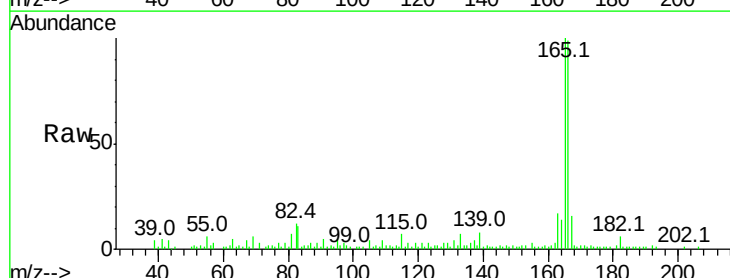
Tgt Ion:166 Resp: 51394

Ion Ratio Lower Upper

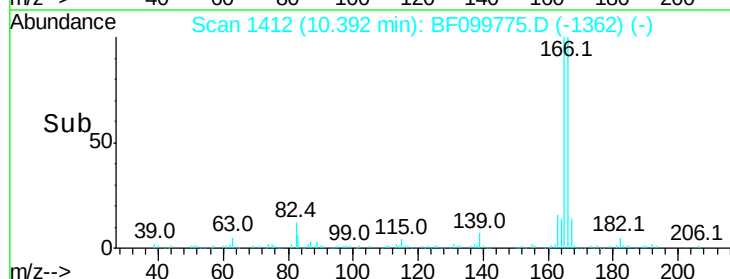
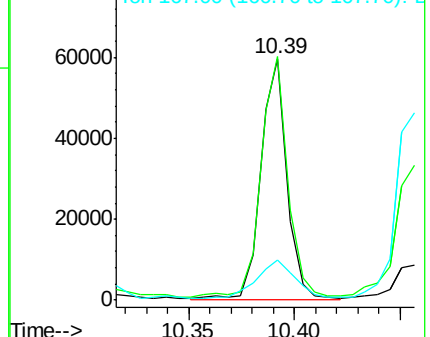
166 100

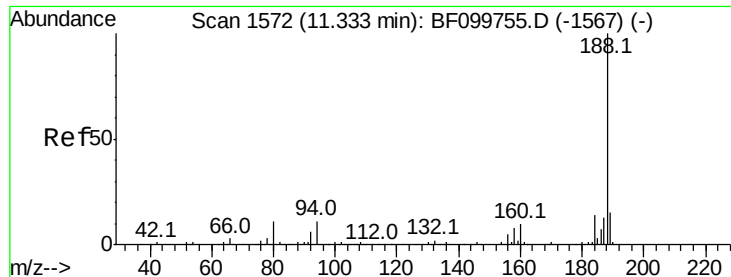
165 100.8 79.8 119.8

167 16.4 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

MW-1

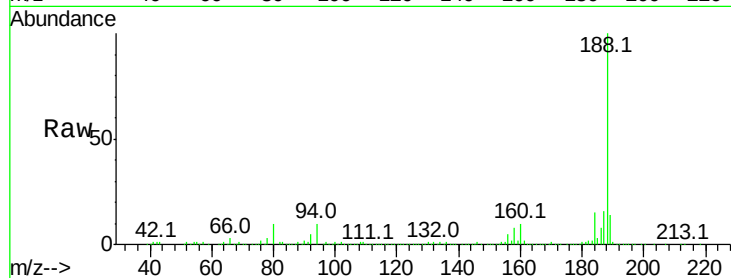
Tot Ion:188 Resp: 304950

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

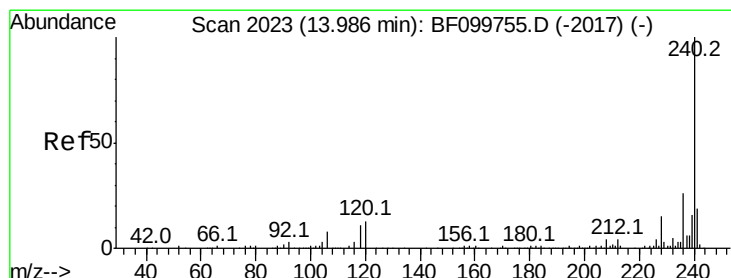
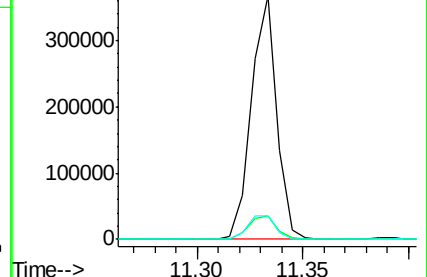
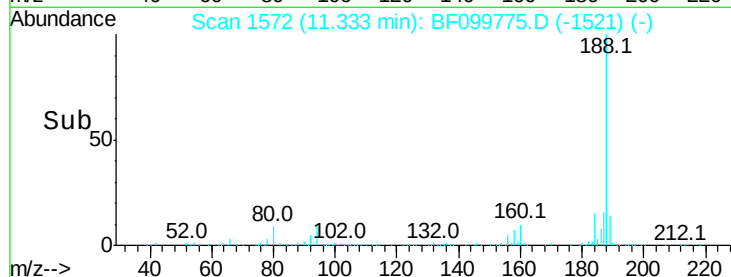
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099775.D

Acq: 23 Oct 2017 22:45

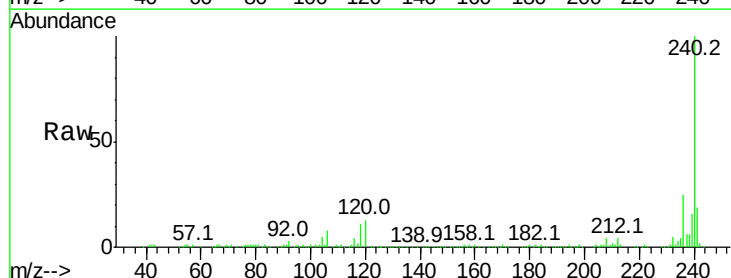
Tgt Ion:240 Resp: 175524

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

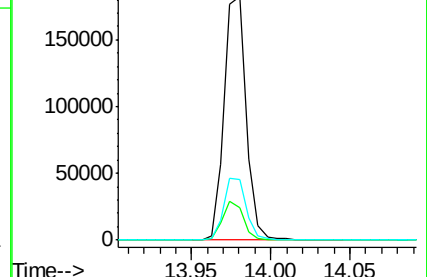
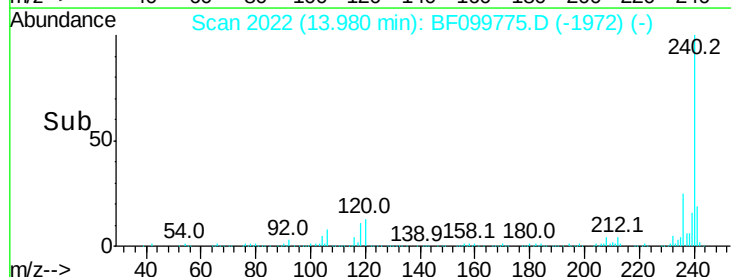
236 25.0 20.7 31.1

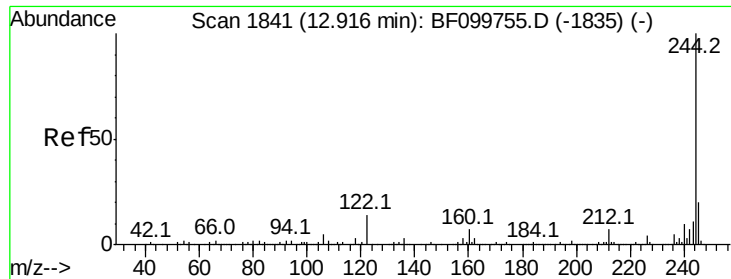


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

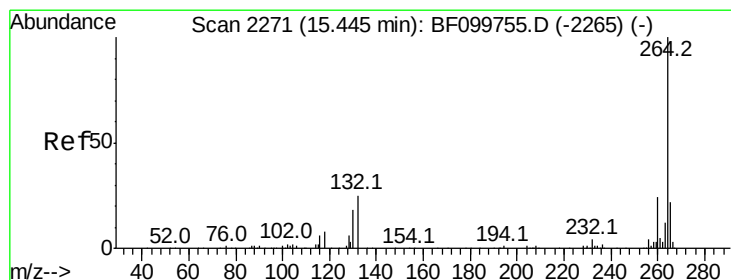
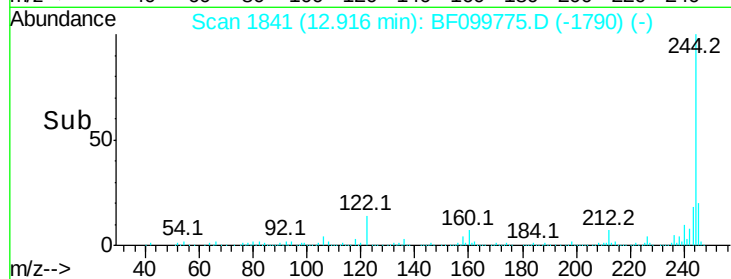
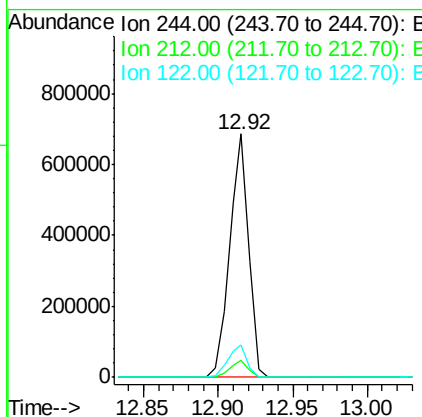
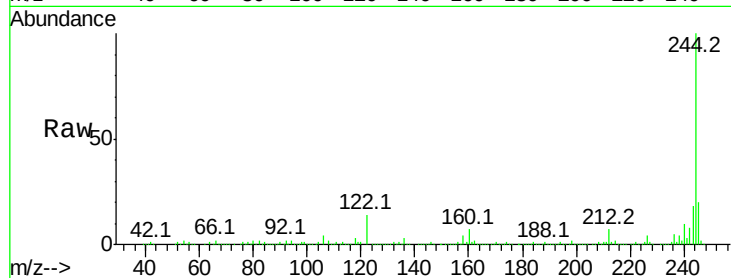




#78
 Terphenyl-d14
 Concen: 76.745 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099775.D
 Acq: 23 Oct 2017 22:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:244 Resp: 616396
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099775.D
 Acq: 23 Oct 2017 22:45

Tgt Ion:264 Resp: 197760
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.9 17.5 26.3

