

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100035.D
 Acq On : 1 Nov 2017 8:35
 Operator : SJ/JU
 Sample : I6094-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ISLIP-EAST-COMP(0-3)

Quant Time: Nov 01 11:10:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

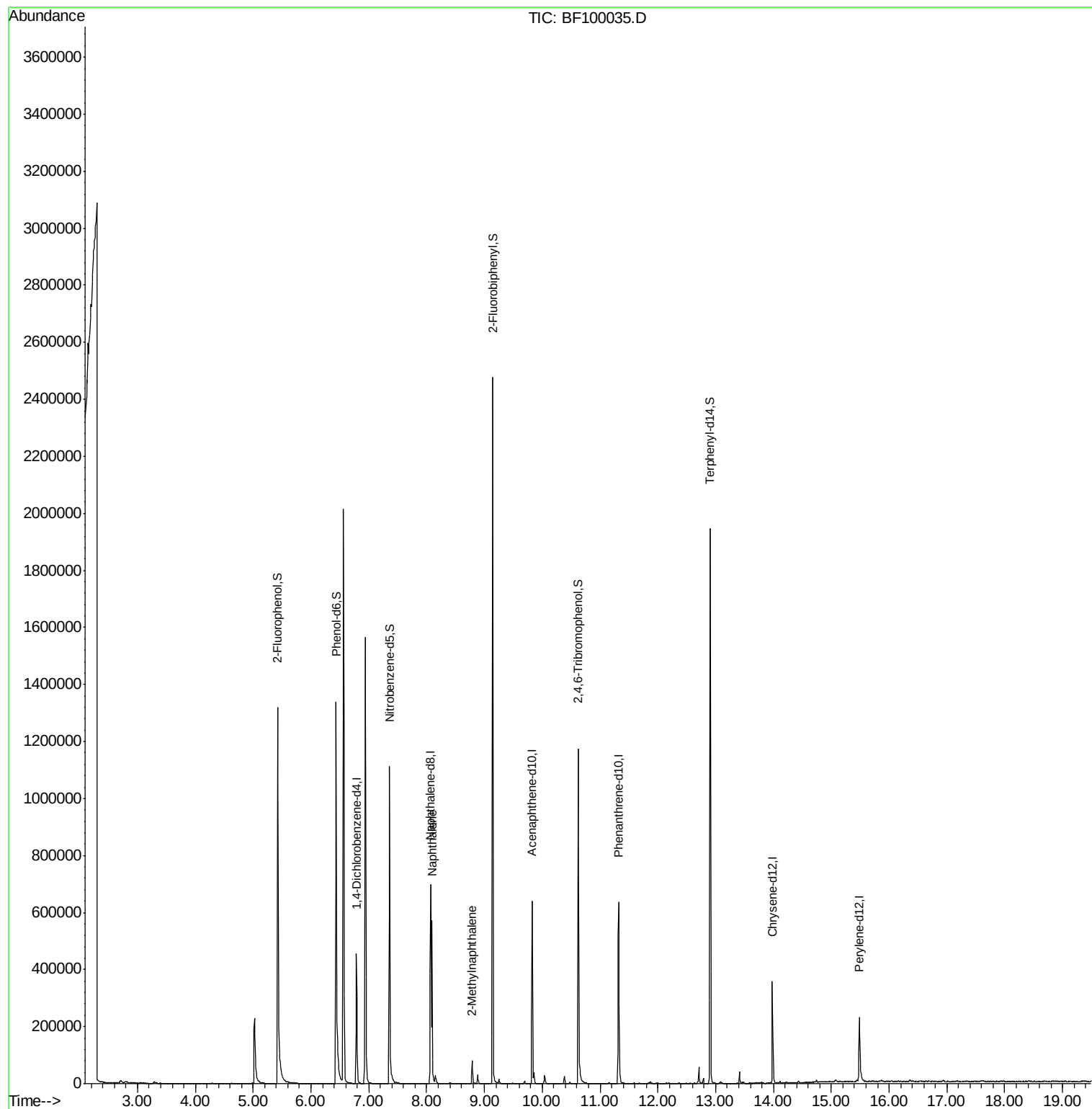
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	75809	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	303955	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	140183	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	247889	20.00	ng	0.00
75) Chrysene-d12	13.98	240	148477	20.00	ng	0.00
86) Perylene-d12	15.49	264	137469	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	569141	117.87	ng	0.02
7) Phenol-d6	6.43	99	623979	108.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	402260	85.20	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	165662	129.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	851412	93.71	ng	0.00
78) Terphenyl-d14	12.91	244	715642	105.33	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	305445	20.818	ng	99
37) 2-Methylnaphthalene	8.79	142	26207	2.665	ng	97

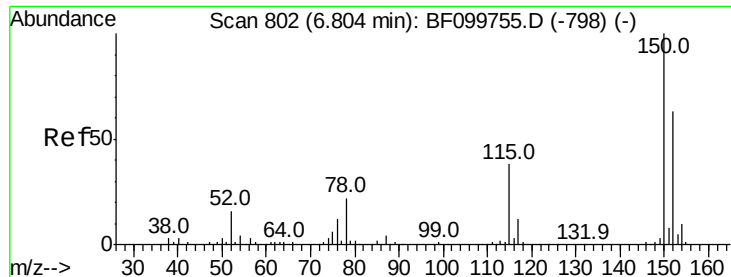
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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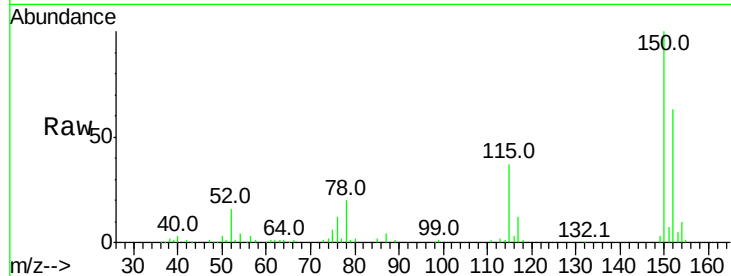


#1

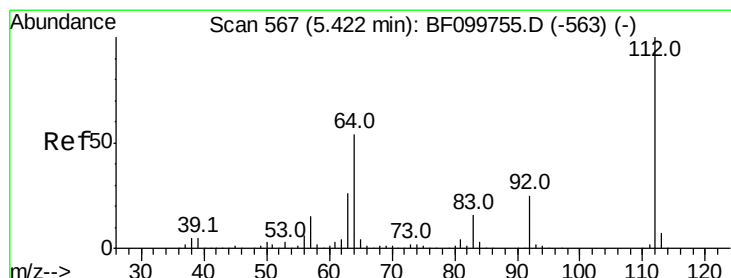
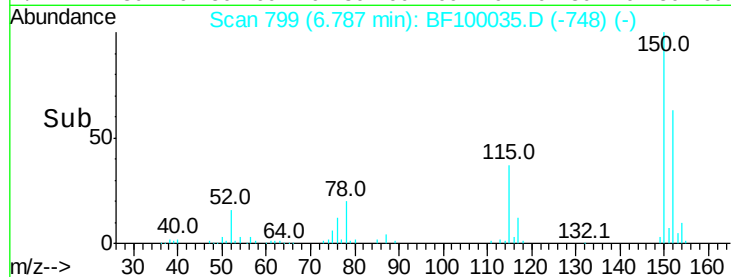
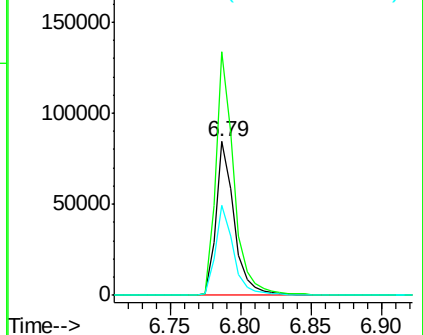
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 ISLIP-EAST-COMP(0-3)

Tot Ion:152 Resp: 75809
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 58.8 50.1 75.1



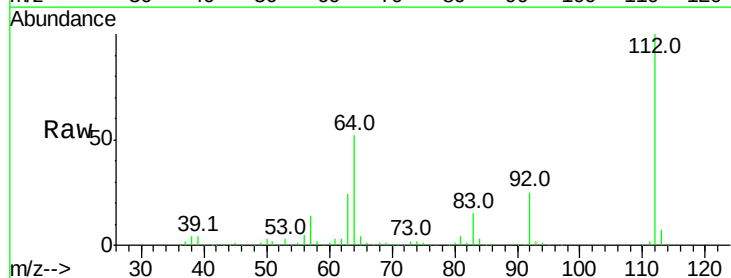
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



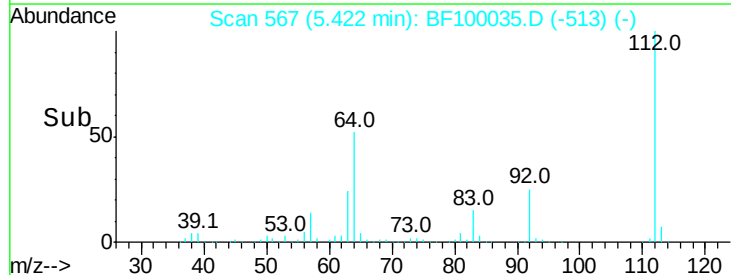
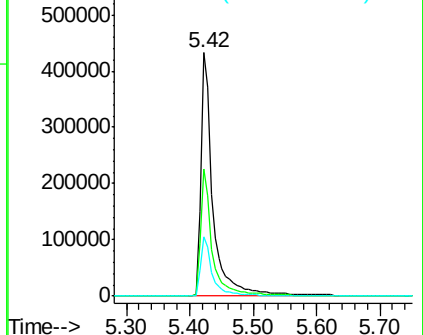
#5

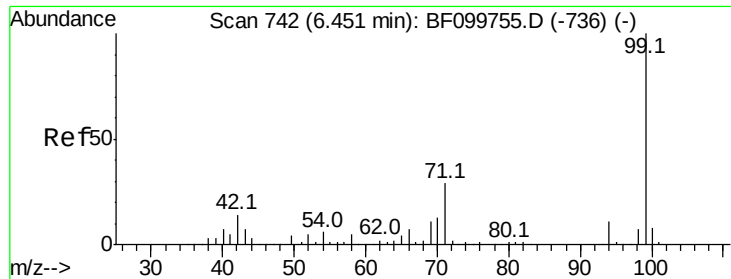
2-Fluorophenol
 Concen: 117.866 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion:112 Resp: 569141
 Ion Ratio Lower Upper
 112 100
 64 52.4 47.9 71.9
 63 24.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 108.983 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100035.D

Acq: 1 Nov 2017 8:35

Instrument :

BNA_F

ClientSampleId :

ISLIP-EAST-COMP(0-3)

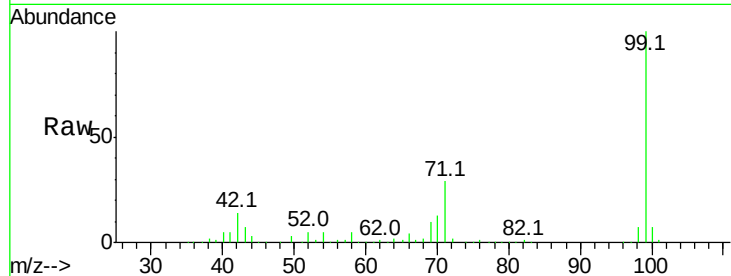
Tot Ion: 99 Resp: 623979

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

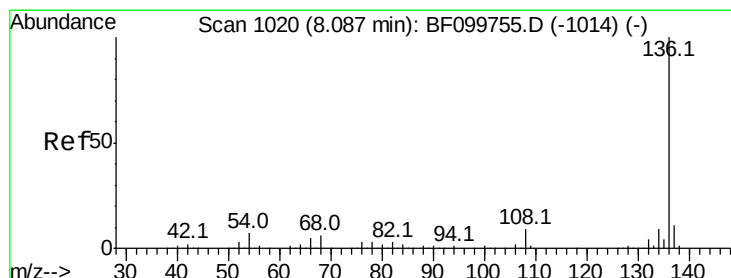
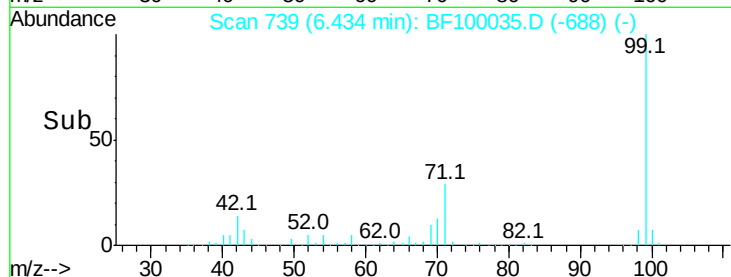
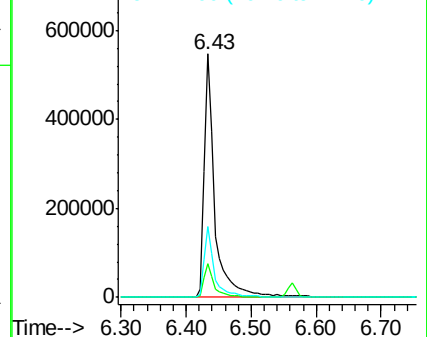
71 29.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100035.D

Acq: 1 Nov 2017 8:35

Tgt Ion: 136 Resp: 303955

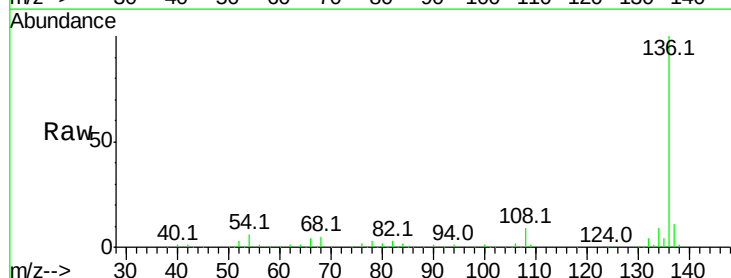
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.0 6.6 9.8#

68 5.4 5.0 7.4

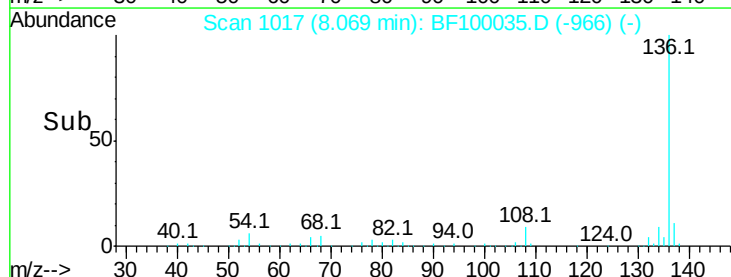
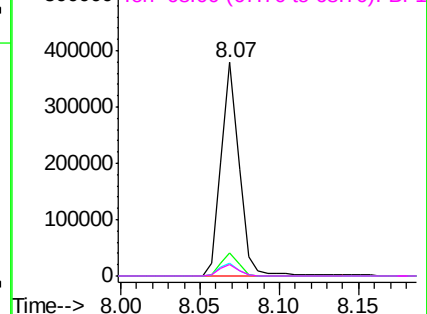


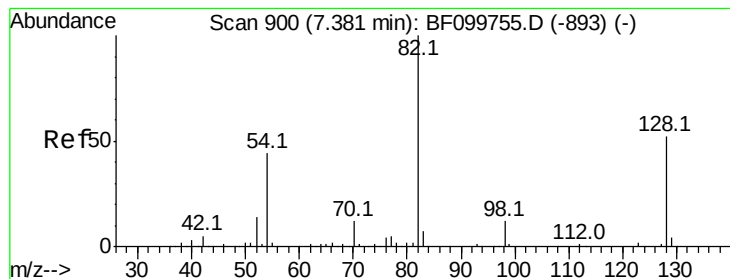
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 85.202 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF100035.D

Acq: 1 Nov 2017 8:35

Instrument :

BNA_F

ClientSampleId :

ISLIP-EAST-COMP(0-3)

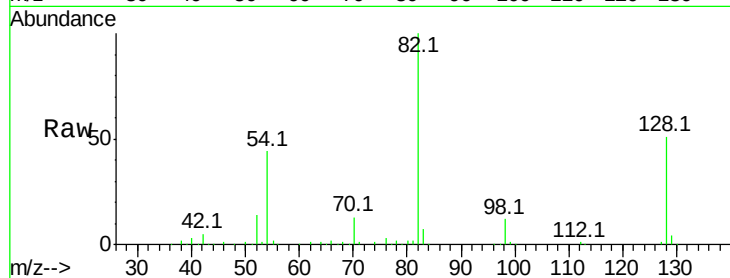
Tot Ion: 82 Resp: 402260

Ion Ratio Lower Upper

82 100

128 50.7 36.1 54.1

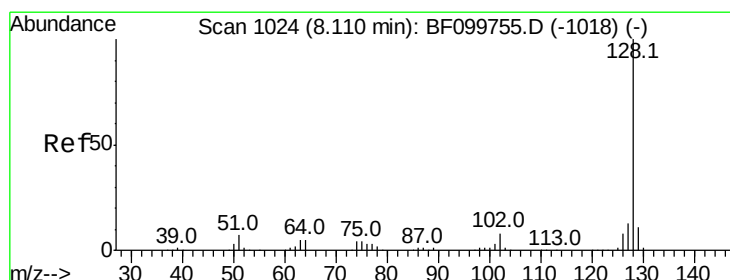
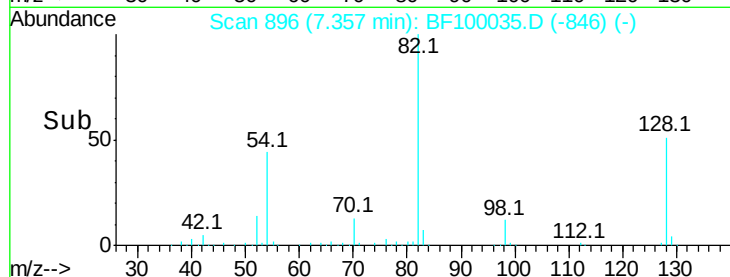
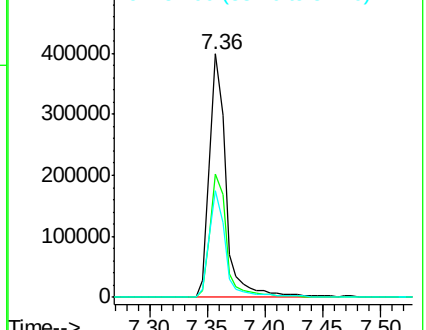
54 44.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31

Naphthalene

Concen: 20.818 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF100035.D

Acq: 1 Nov 2017 8:35

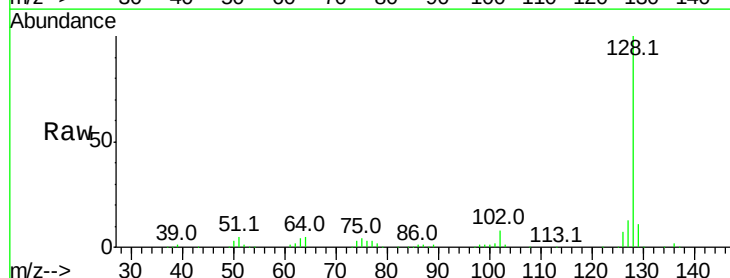
Tgt Ion:128 Resp: 305445

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

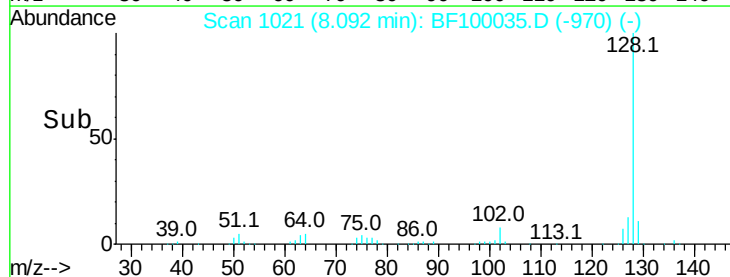
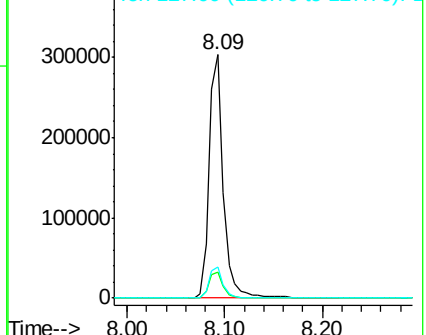
127 12.7 10.9 16.3

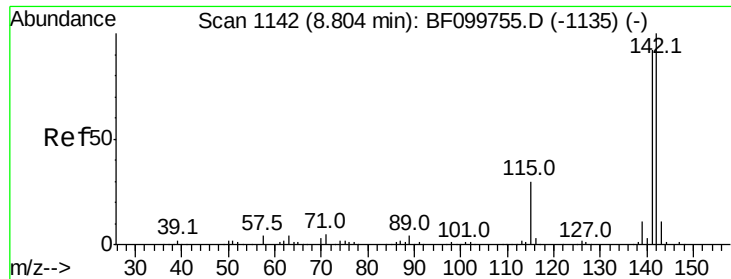


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

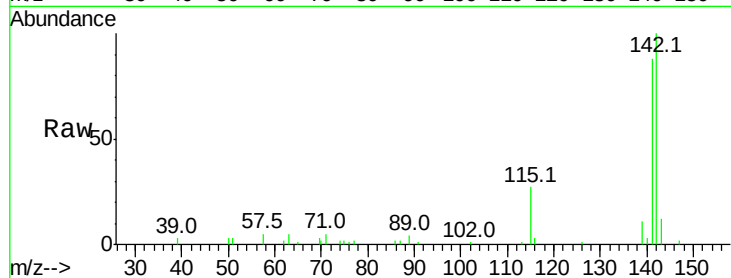




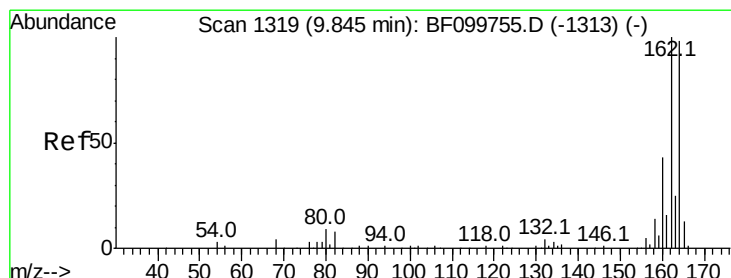
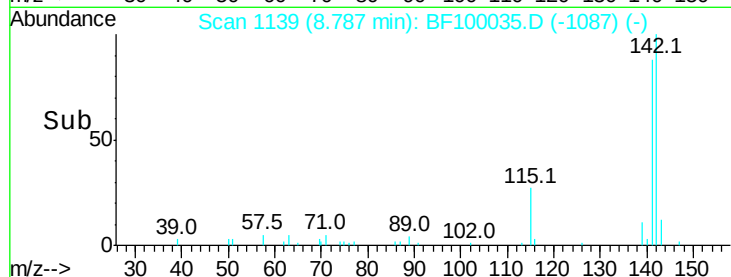
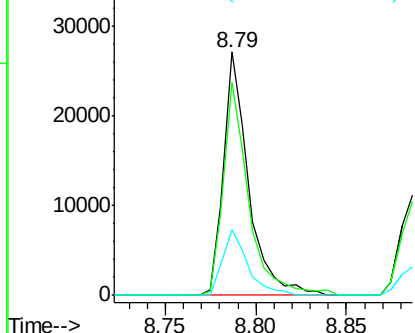
#37
 2-Methylnaphthalene
 Concen: 2.665 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 ISLIP-EAST-COMP(0-3)

Tot Ion:142 Resp: 26207
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.8 106.2
 115 27.1 26.1 39.1

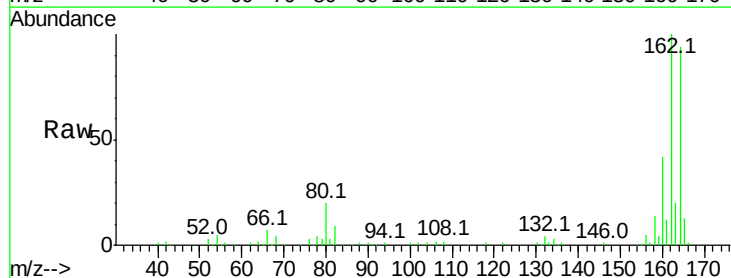


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

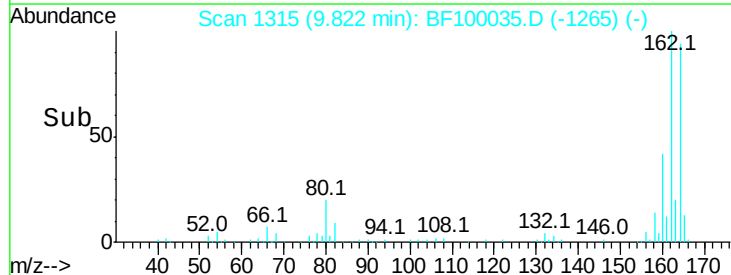
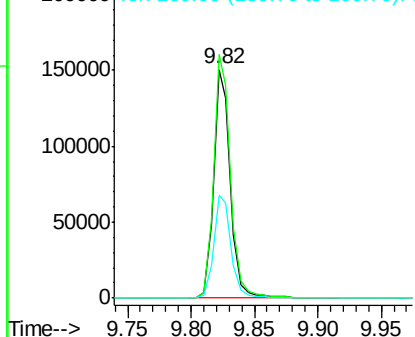


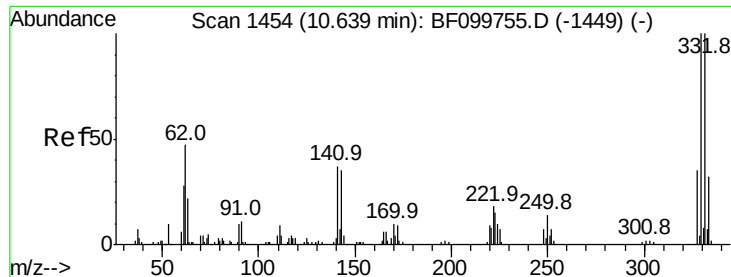
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion:164 Resp: 140183
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 44.8 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

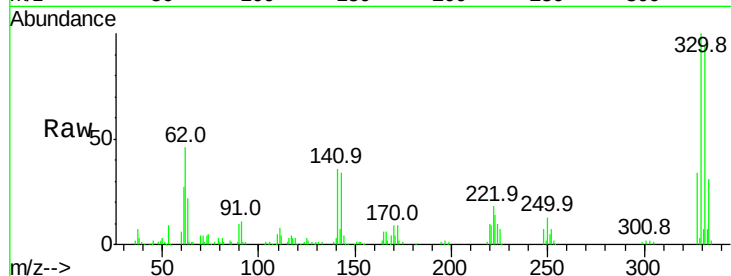




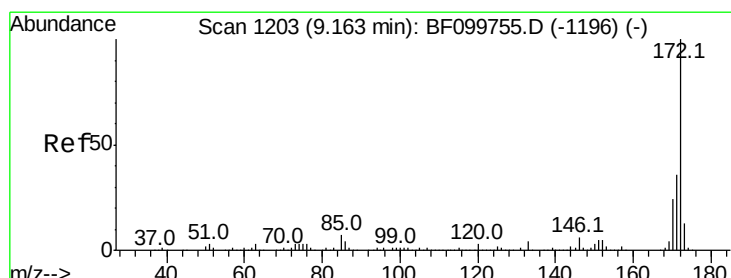
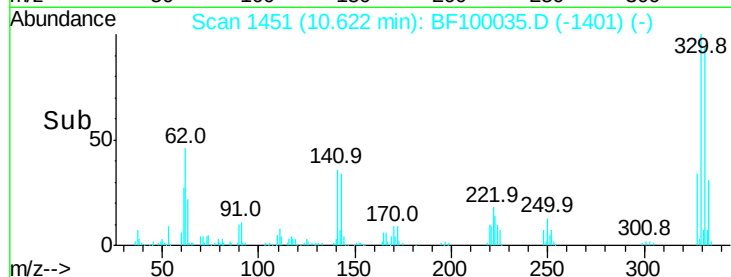
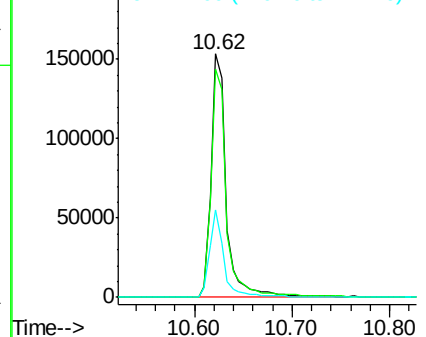
#41
 2,4,6-Tribromophenol
 Concen: 129.676 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 ISLIP-EAST-COMP(0-3)

Tot Ion:330 Resp: 165662
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 34.0 29.9 44.9

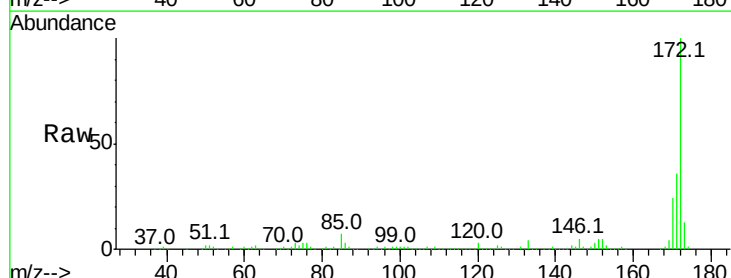


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

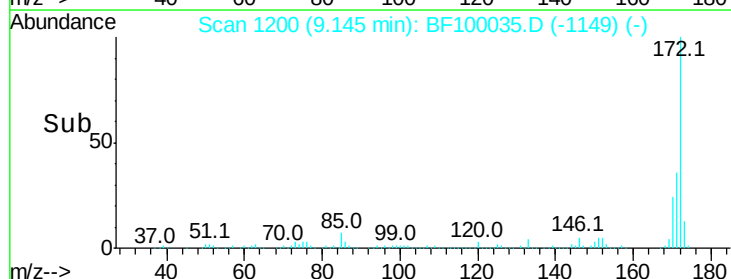
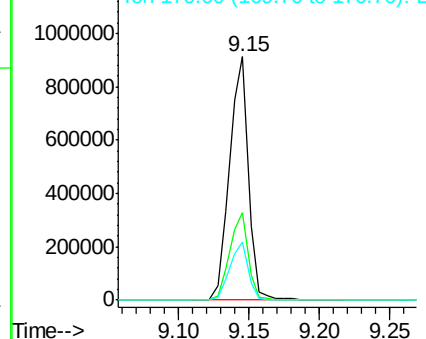


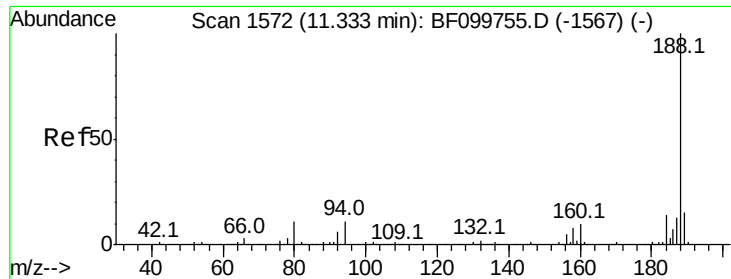
#44
 2-Fluorobiphenyl
 Concen: 93.705 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion:172 Resp: 851412
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 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

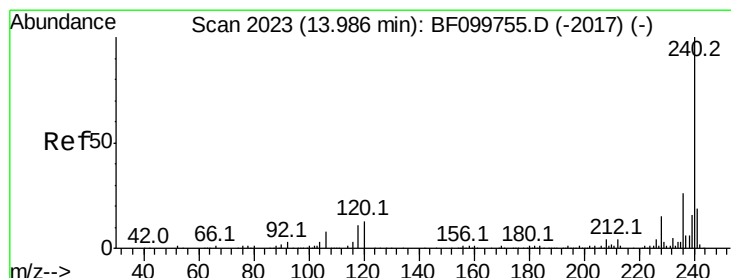
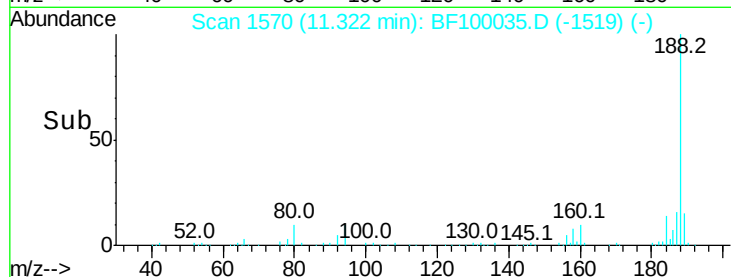
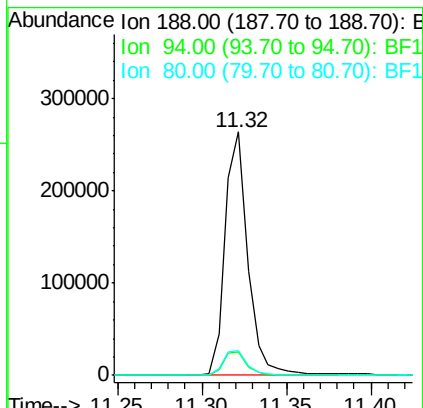
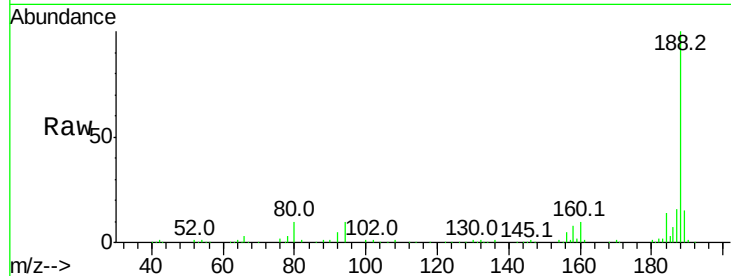




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

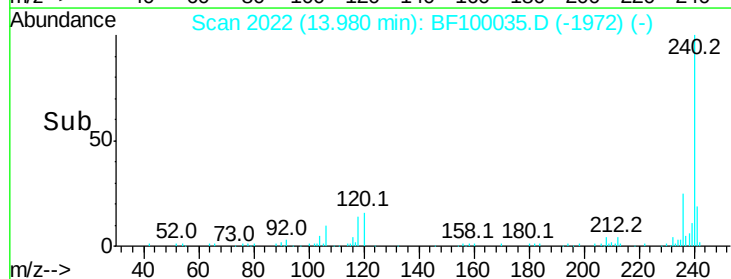
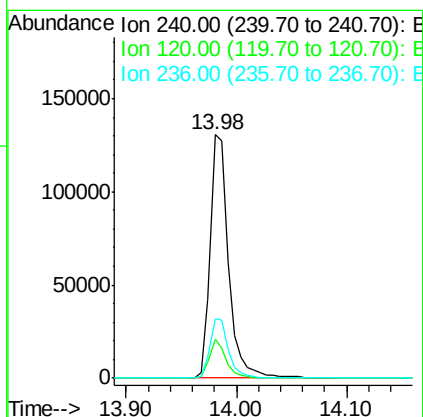
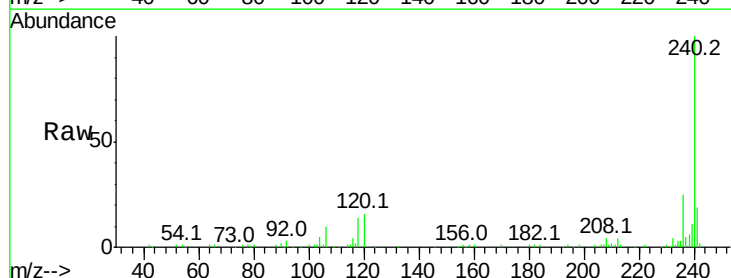
Instrument :
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ISLIP-EAST-COMP(0-3)

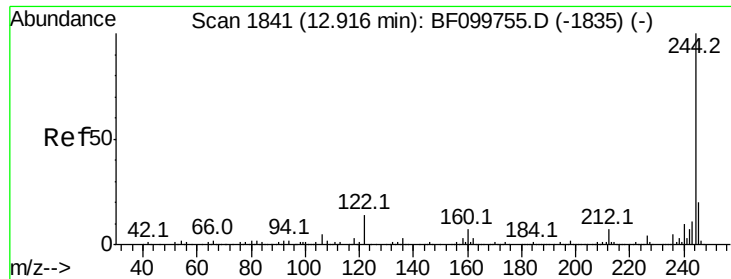
Tot Ion:188 Resp: 247889
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:240 Resp: 148477
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 24.6 20.7 31.1

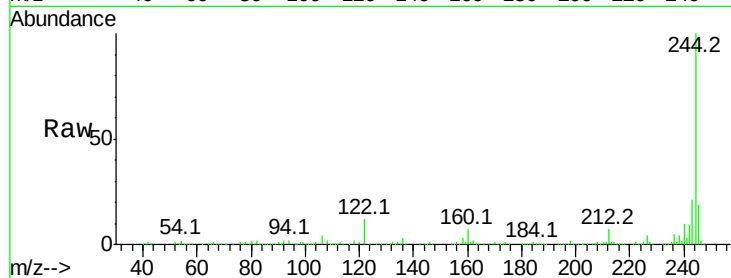




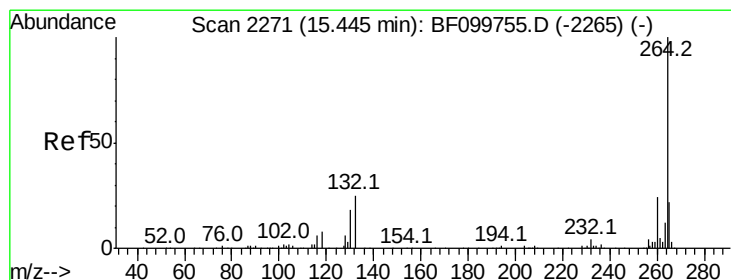
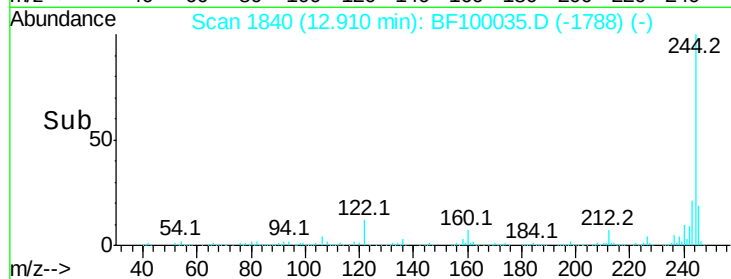
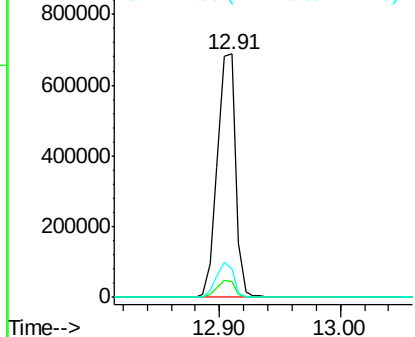
#78
 Terphenyl-d14
 Concen: 105.332 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 ISLIP-EAST-COMP(0-3)

Tot Ion:244 Resp: 715642
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.8 11.0 16.4

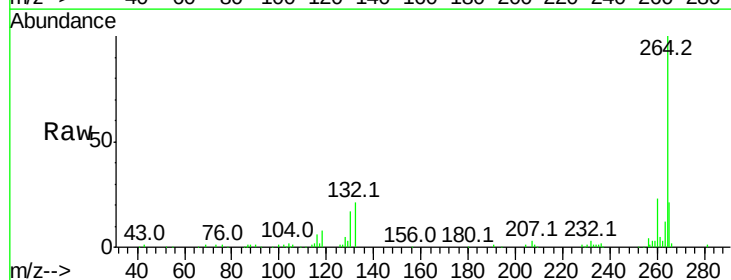


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF100035.D
 Acq: 1 Nov 2017 8:35

Tgt Ion:264 Resp: 137469
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

