

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094012.D
 Acq On : 29 Mar 2017 00:16
 Operator : SJ/MA
 Sample : I2422-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HHD-S1

Quant Time: Mar 29 04:14:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

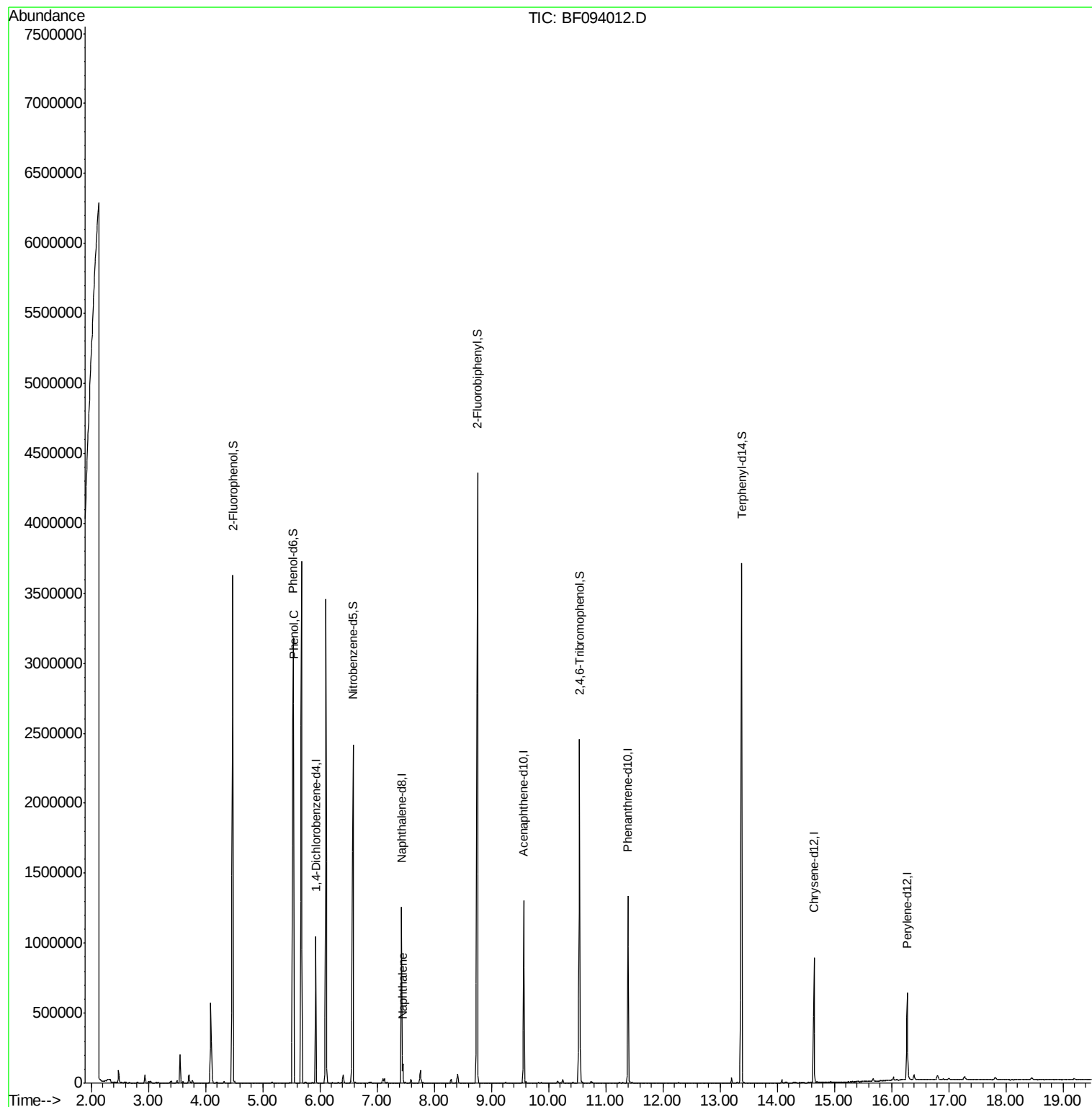
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	158690	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	628874	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	288274	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	525275	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	365189	20.00	ng	-0.04
86) Perylene-d12	16.27	264	258679	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1247304	132.76	ng	0.00
7) Phenol-d6	5.53	99	1502144	129.24	ng	-0.02
23) Nitrobenzene-d5	6.58	82	1033874	93.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	373205	163.83	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1873582	99.13	ng	-0.02
78) Terphenyl-d14	13.38	244	1539856	94.51	ng	-0.02
Target Compounds						
10) Phenol	5.55	94	34458	2.61	ng	89
31) Naphthalene	7.45	128	66513	2.20	ng	99

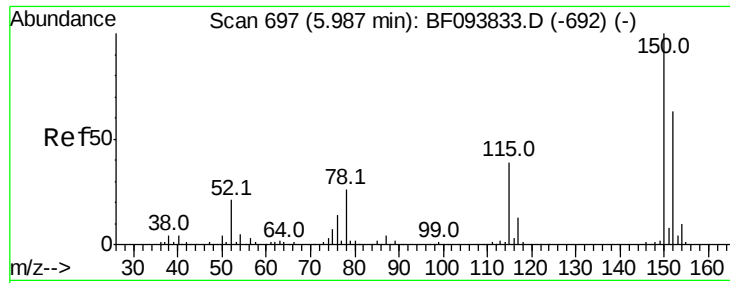
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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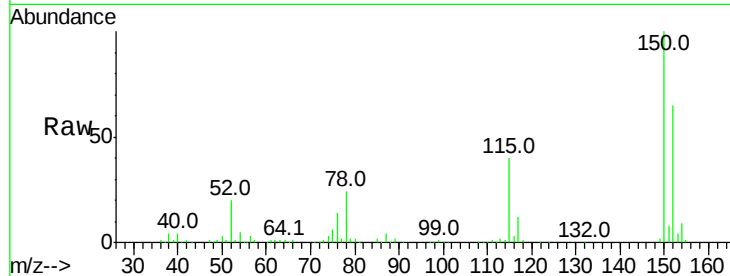




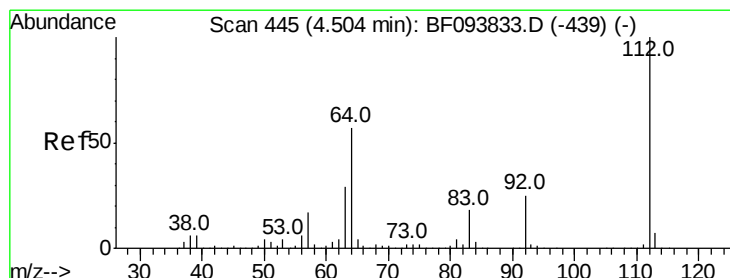
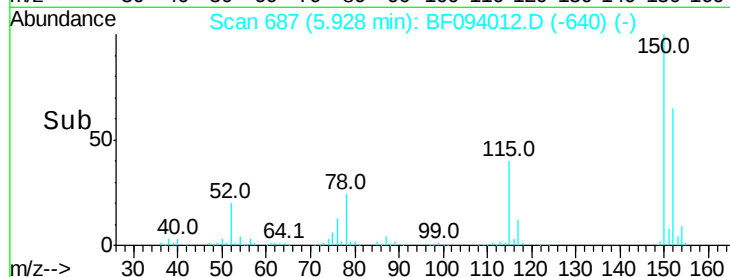
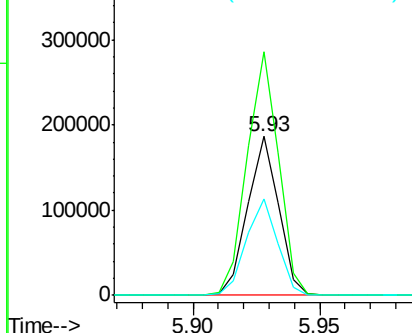
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 HHD-S1

Tot Ion:152 Resp: 158690
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.2 189.2
 115 61.1 52.2 78.2

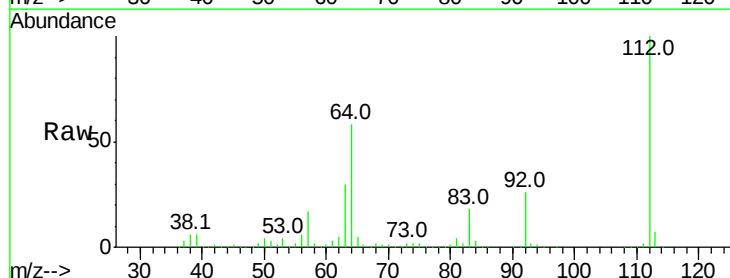


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

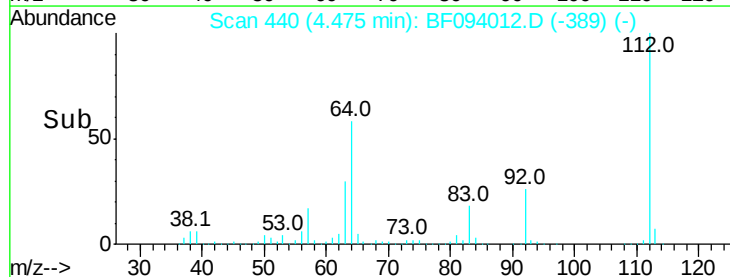
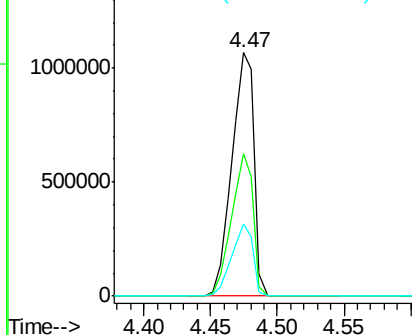


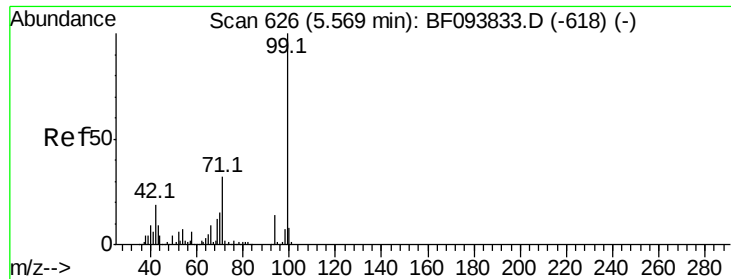
#5
 2-Fluorophenol
 Concen: 132.76 ng
 RT: 4.47 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

Tgt Ion:112 Resp: 1247304
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.0 69.0
 63 29.6 23.4 35.0



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: 129.24 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

Instrument :

BNA_F

ClientSampled :

HHD-S1

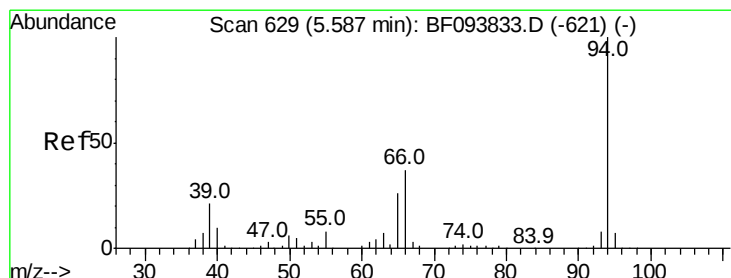
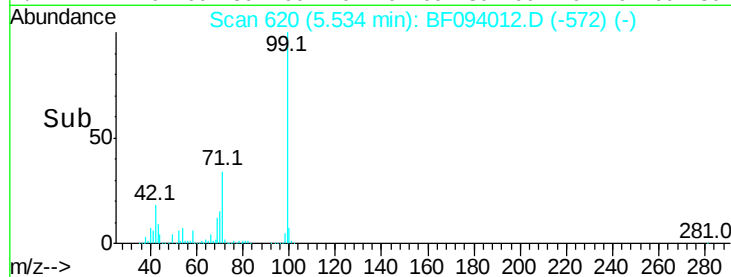
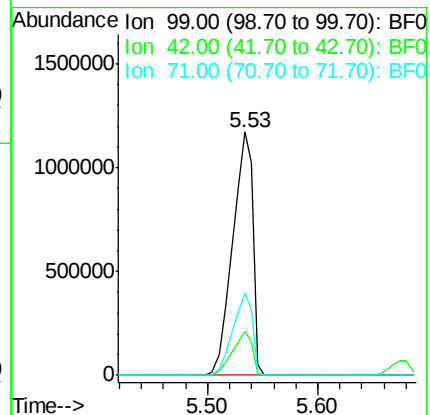
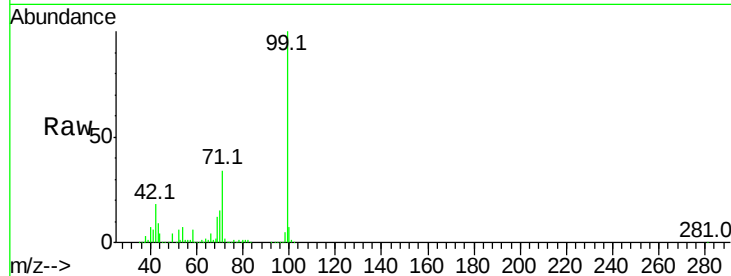
Tot Ion: 99 Resp: 1502144

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

71 33.6 24.5 36.7



#10

Phenol

Concen: 2.61 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

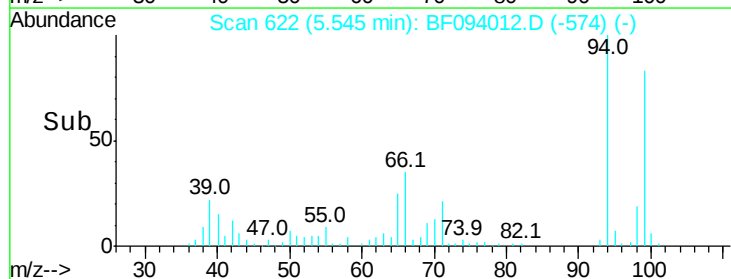
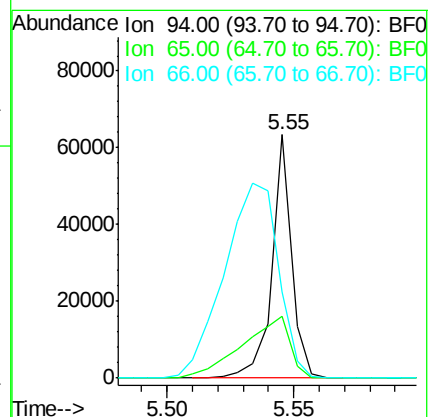
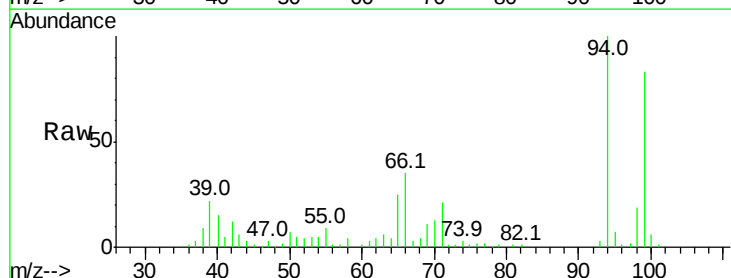
Tgt Ion: 94 Resp: 34458

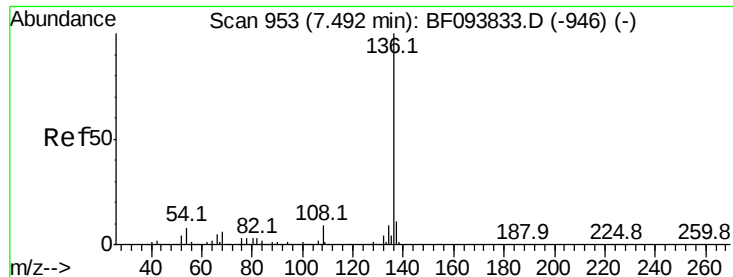
Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

66 35.3 23.1 63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

Instrument :

BNA_F

ClientSampleId :

HHD-S1

Tot Ion:136 Resp: 628874

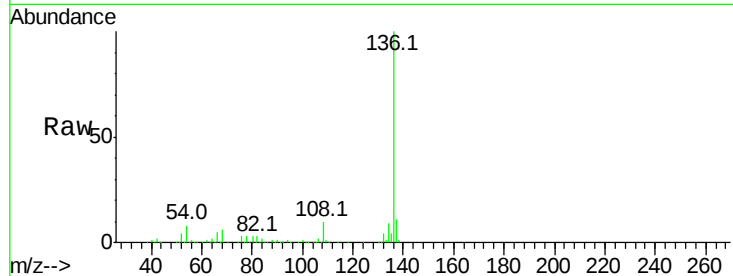
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 5.8 4.1 6.1

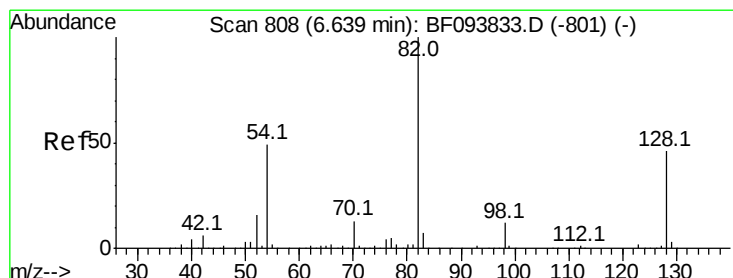
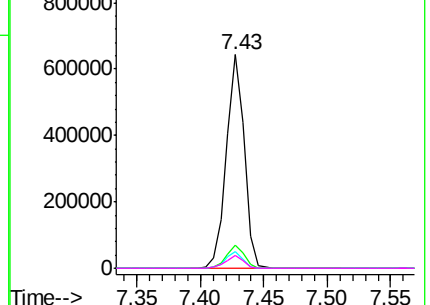
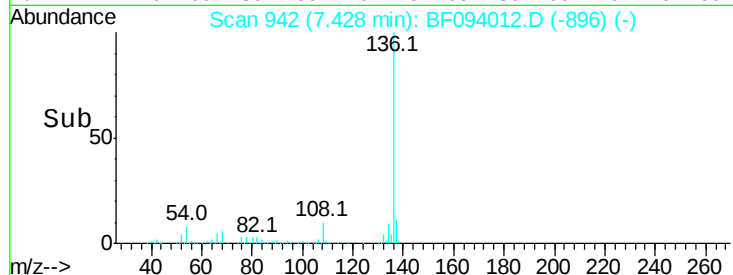


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.82 ng

RT: 6.58 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

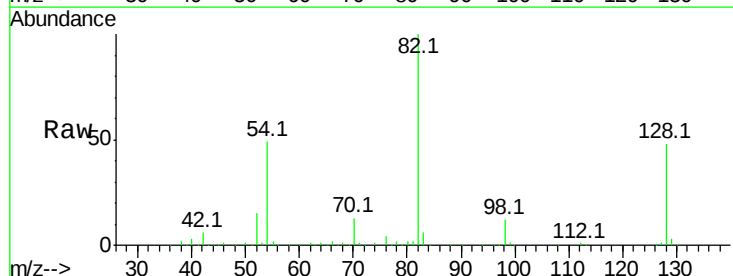
Tgt Ion: 82 Resp: 1033874

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

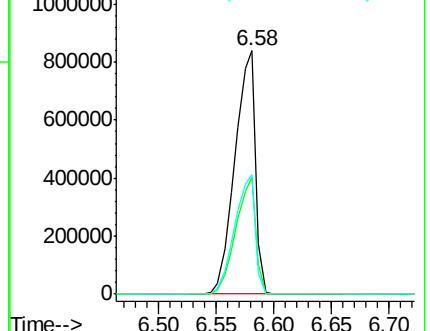
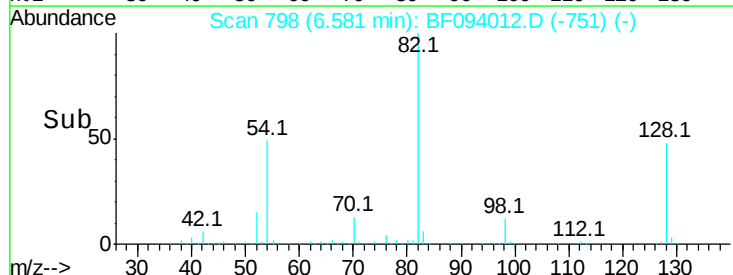
54 48.9 42.2 63.2

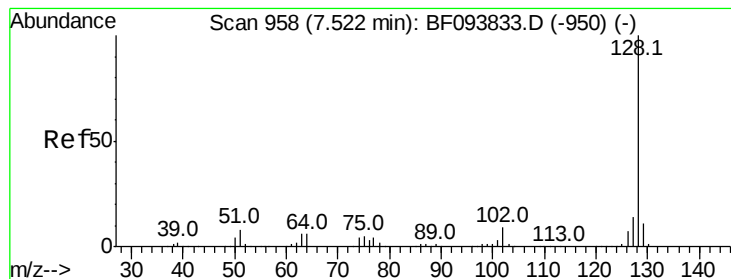


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.20 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.04 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

Instrument :

BNA_F

ClientSampleId :

HHD-S1

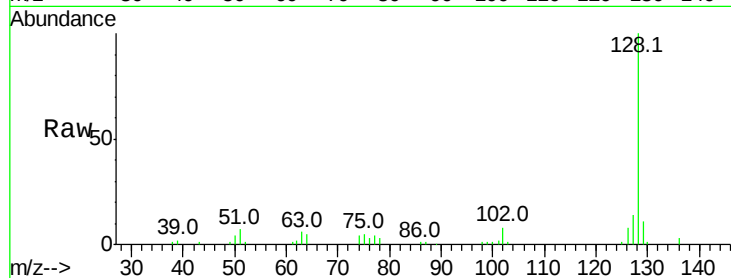
Tot Ion:128 Resp: 66513

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

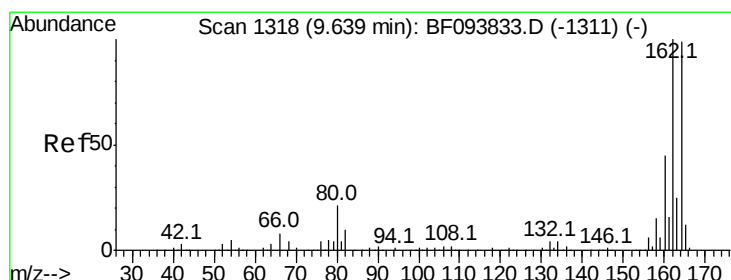
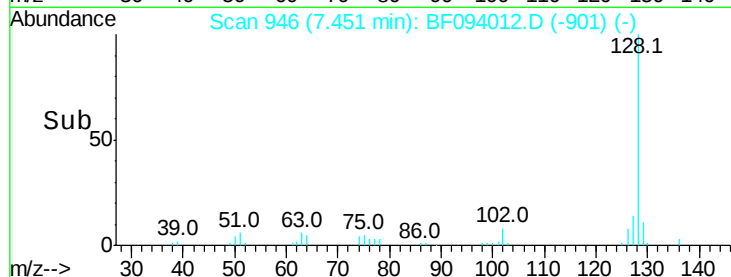
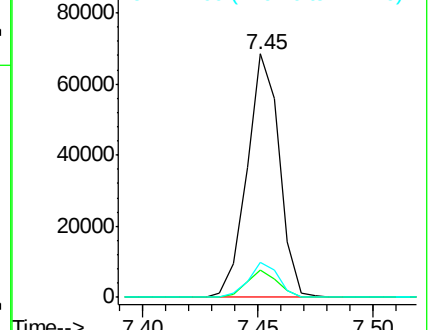
127 14.2 10.8 16.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF094012.D

Acq: 29 Mar 2017 00:16

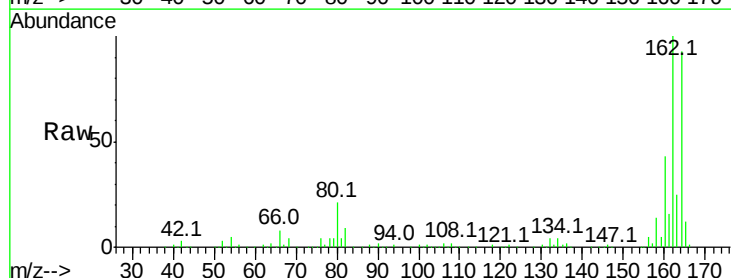
Tgt Ion:164 Resp: 288274

Ion Ratio Lower Upper

164 100

162 107.3 82.6 123.8

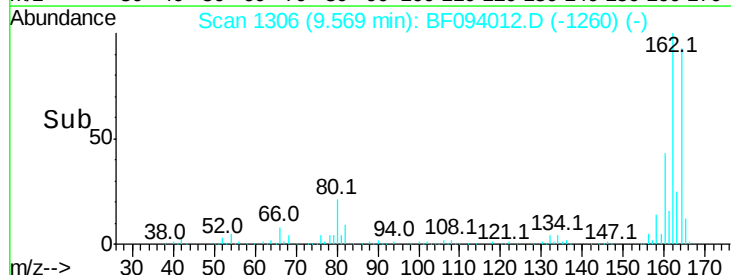
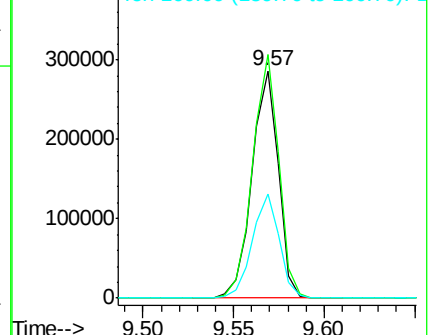
160 46.0 36.2 54.2

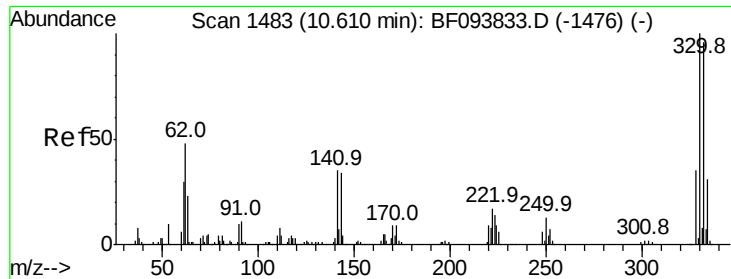


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

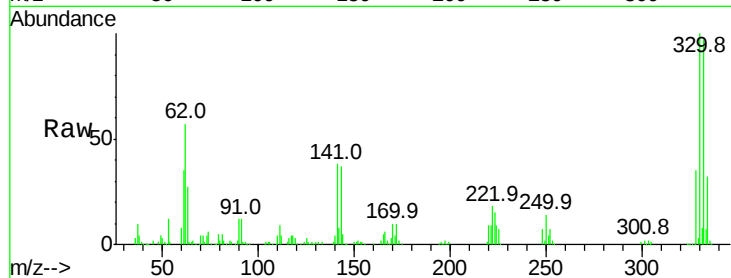




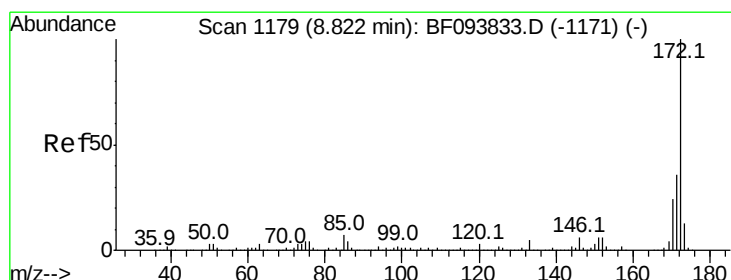
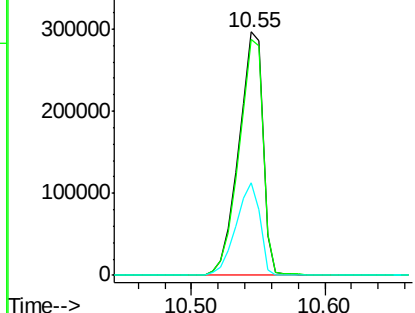
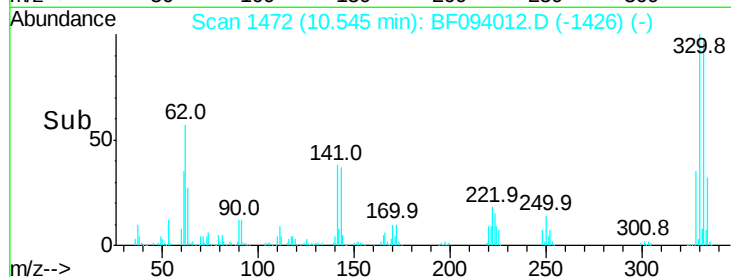
#41
 2,4,6-Tribromophenol
 Concen: 163.83 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 HHD-S1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.1	31.4	47.2

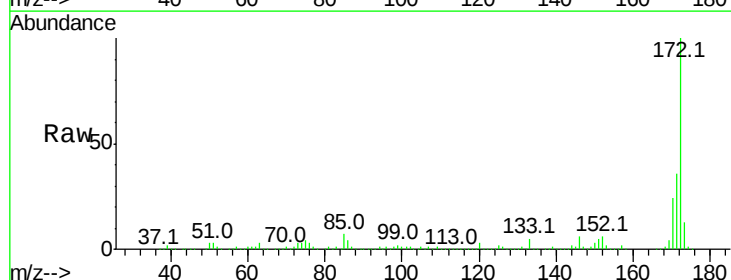


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

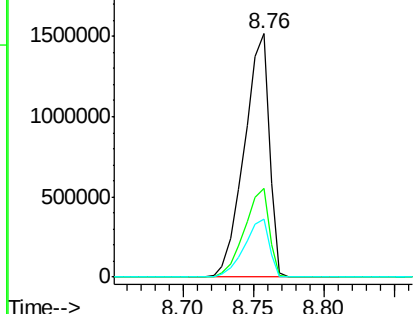
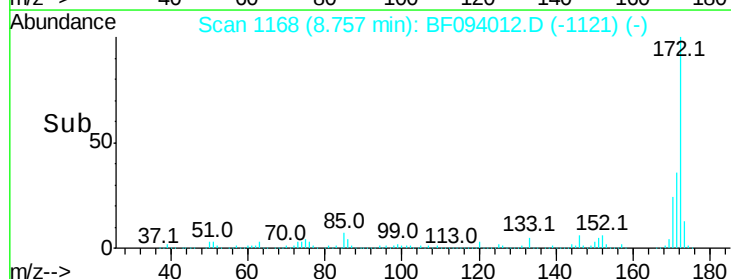


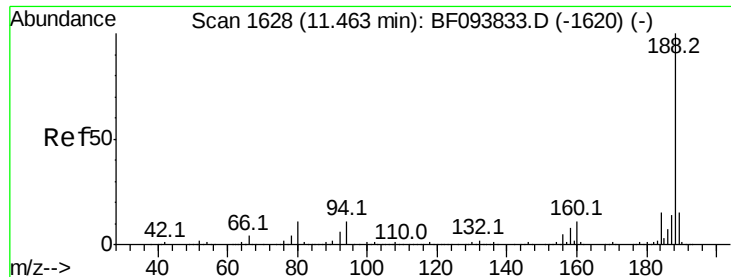
#44
 2-Fluorobiphenyl
 Concen: 99.13 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.7	19.8	29.8



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

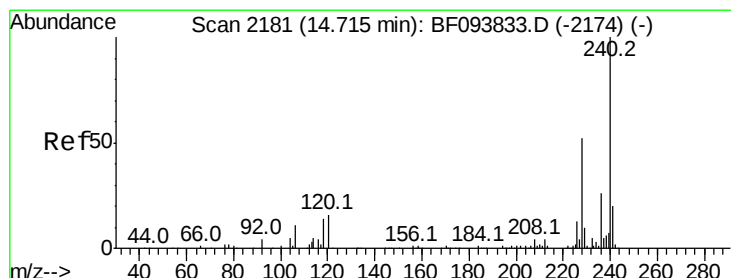
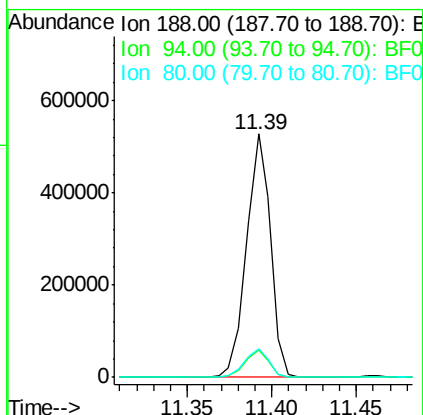
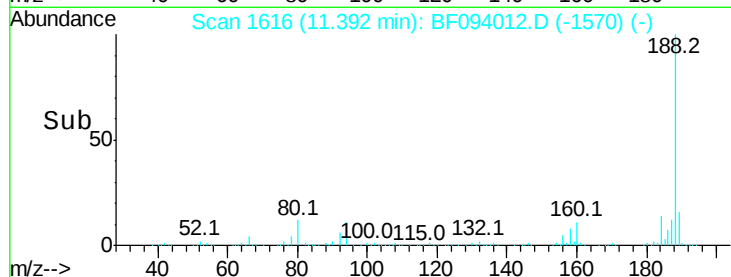
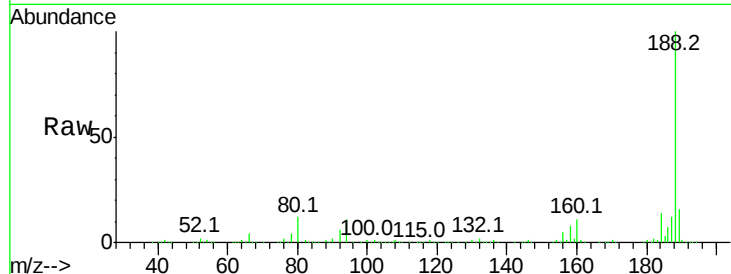




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094012.D
Acq: 29 Mar 2017 00:16

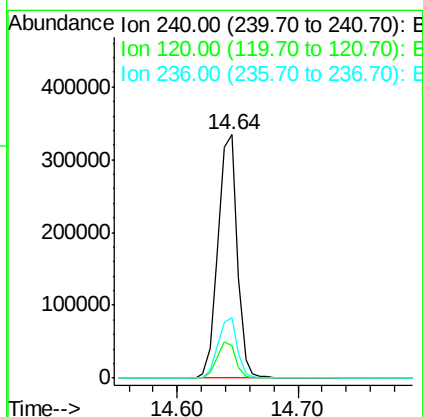
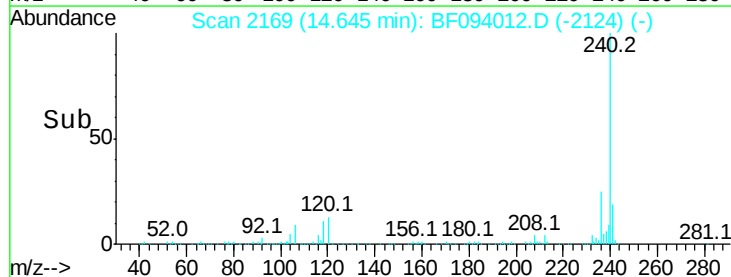
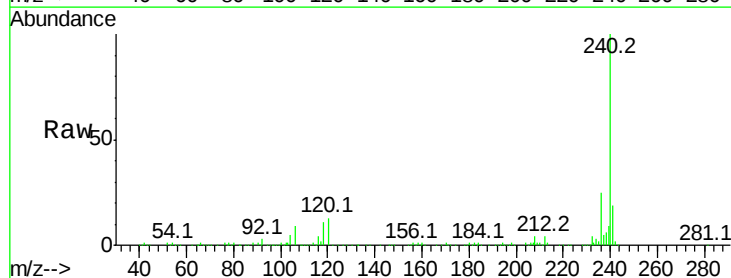
Instrument :
BNA_F
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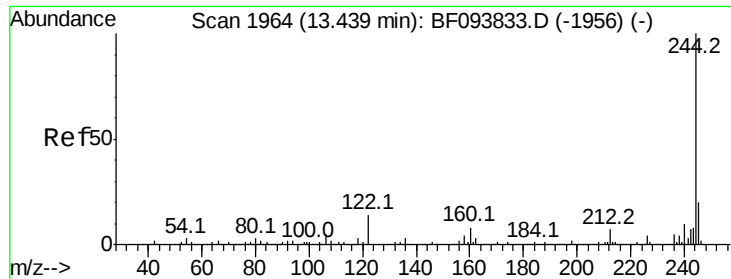
Tot Ion:188 Resp: 525275
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094012.D
Acq: 29 Mar 2017 00:16

Tgt Ion:240 Resp: 365189
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 24.9 20.5 30.7

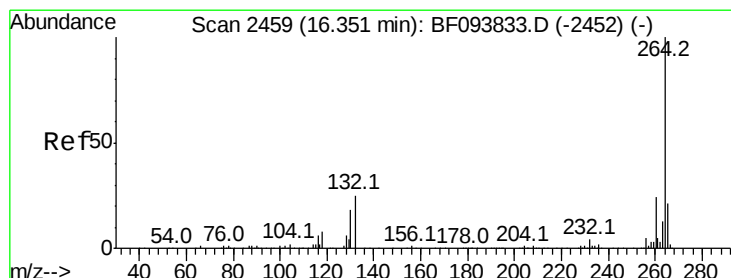
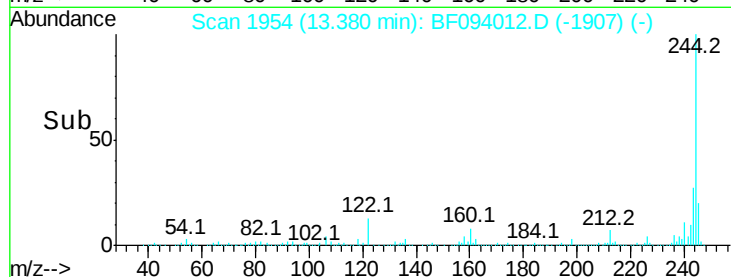
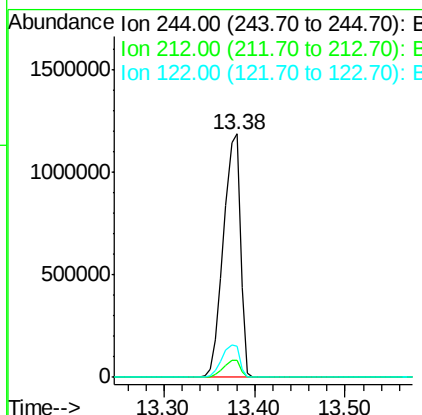
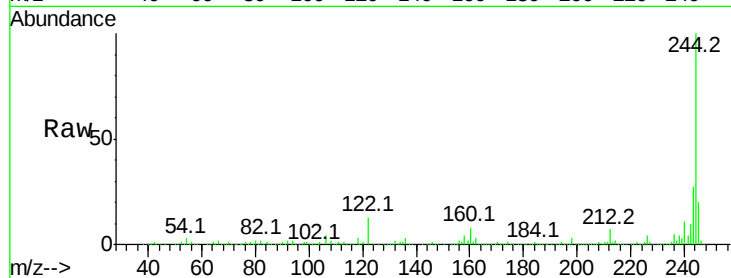




#78
 Terphenyl-d14
 Concen: 94.51 ng
 RT: 13.38 min Scan# 1954
 Delta R.T. -0.02 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 HHD-S1

Tot Ion:244 Resp: 1539856
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094012.D
 Acq: 29 Mar 2017 00:16

Tgt Ion:264 Resp: 258679
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.0 17.2 25.8

