

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094342.D
 Acq On : 11 Apr 2017 6:53
 Operator : SJ/MA
 Sample : I2598-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-62-S2(8-10)

Quant Time: Apr 11 07:26:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

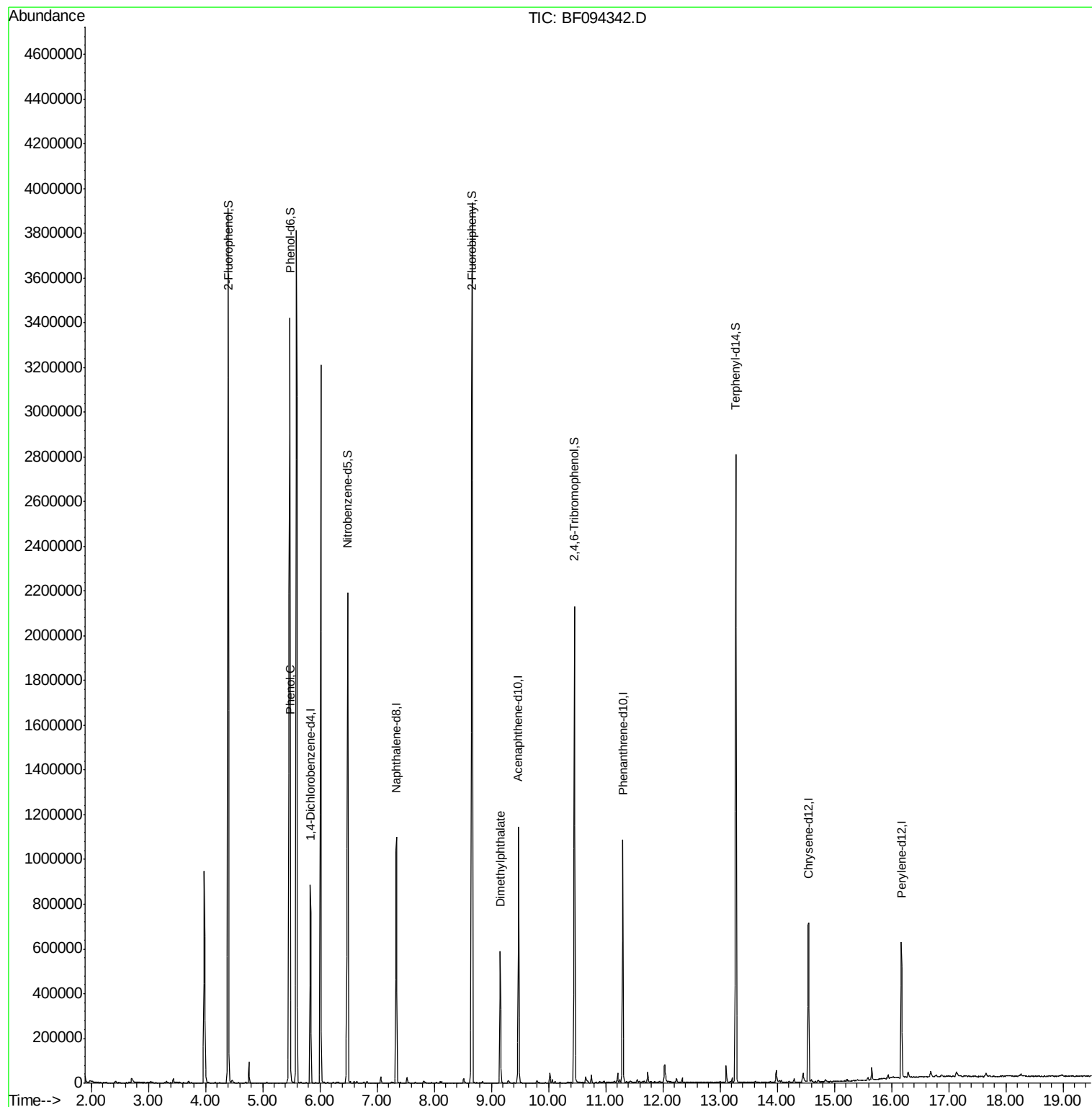
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	149113	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	588436	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	251288	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	411388	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	290747	20.00	ng	-0.02
86) Perylene-d12	16.17	264	244901	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1214519	137.57	ng	0.01
7) Phenol-d6	5.47	99	1536376	140.67	ng	0.01
23) Nitrobenzene-d5	6.49	82	965742	93.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	287646	144.86	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1506566	91.45	ng	-0.02
78) Terphenyl-d14	13.28	244	1036041	79.87	ng	-0.02
Target Compounds						
10) Phenol	5.49	94	104676	8.42	ng	86
49) Dimethylphthalate	9.16	163	252321	14.13	ng	99

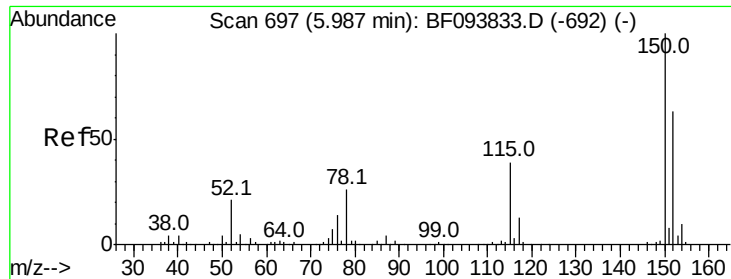
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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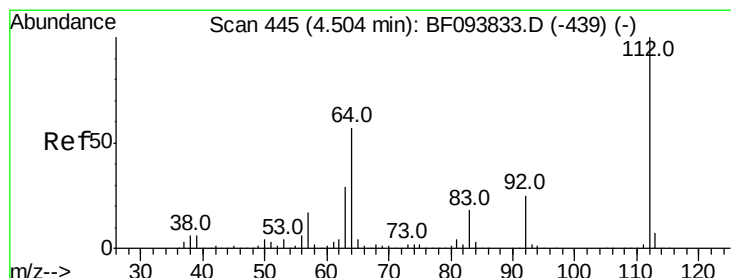
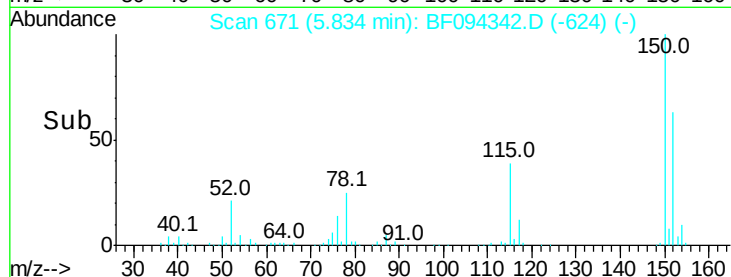
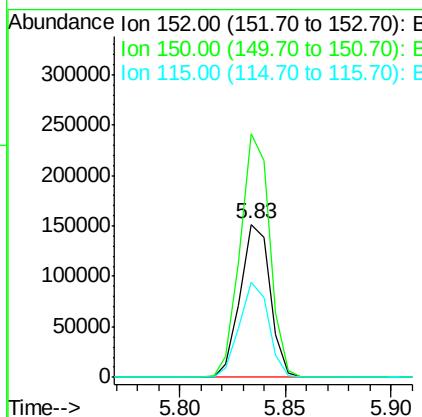
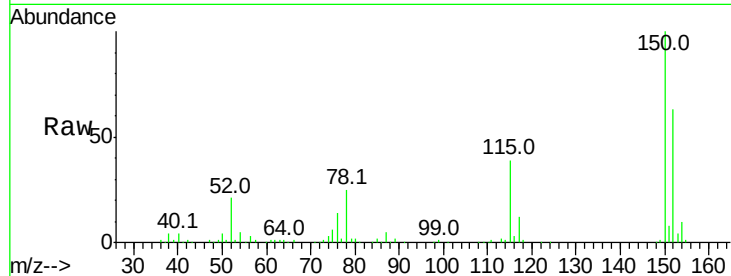


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF094342.D
 Acq: 11 Apr 2017 6:53

Instrument :
 BNA_F
 ClientSampleId :
 B-62-S2(8-10)

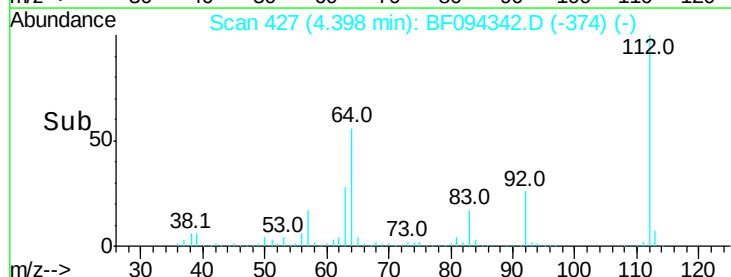
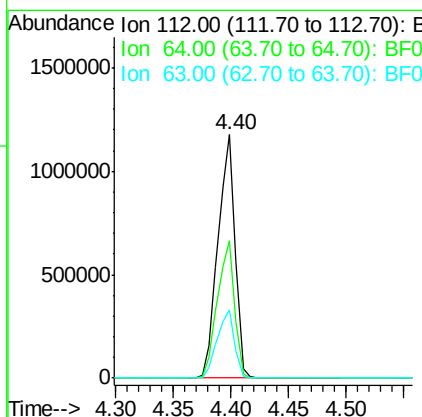
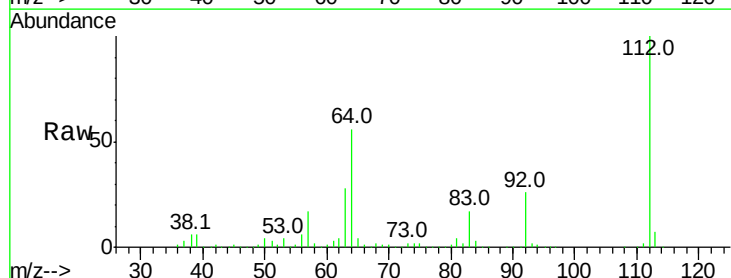
Tot Ion:152 Resp: 149113
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.2 189.2
 115 62.1 52.2 78.2

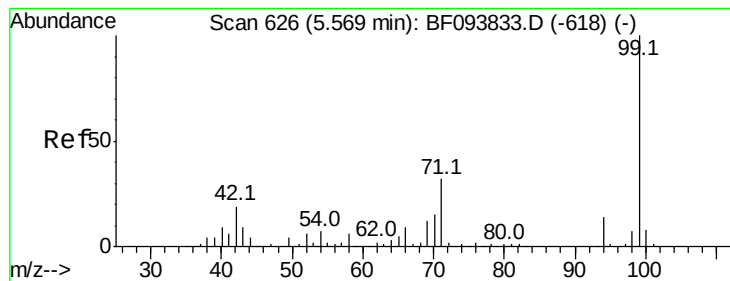


#5

2-Fluorophenol
 Concen: 137.57 ng
 RT: 4.40 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF094342.D
 Acq: 11 Apr 2017 6:53

Tgt Ion:112 Resp: 1214519
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.0 69.0
 63 28.2 23.4 35.0





#7

Phenol-d6

Concen: 140.67 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094342.D

Acq: 11 Apr 2017 6:53

Instrument :

BNA_F

ClientSampleId :

B-62-S2(8-10)

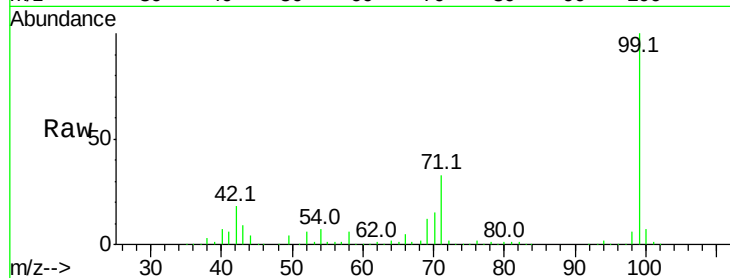
Tot Ion: 99 Resp: 1536376

Ion Ratio Lower Upper

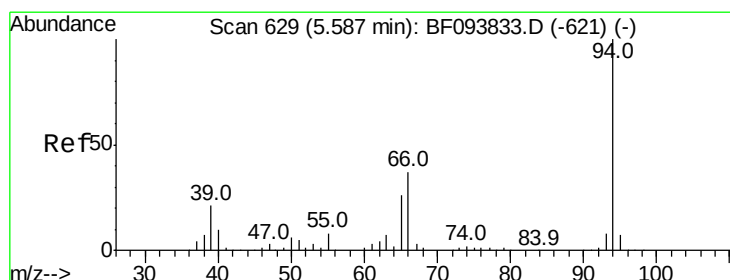
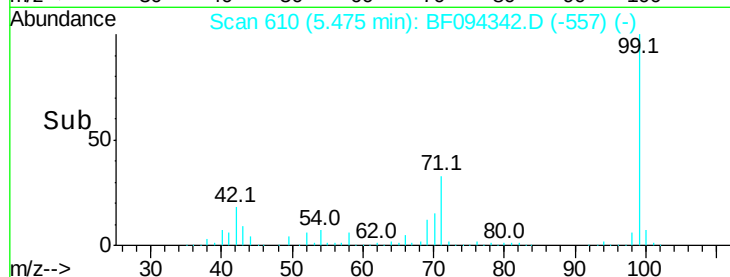
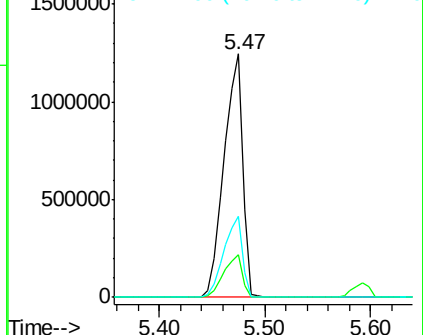
99 100

42 17.6 13.5 20.3

71 33.2 24.5 36.7



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



#10

Phenol

Concen: 8.42 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094342.D

Acq: 11 Apr 2017 6:53

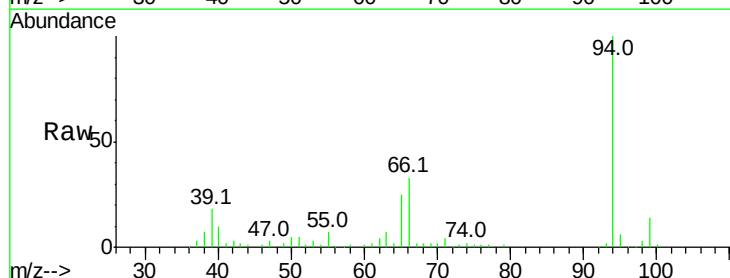
Tgt Ion: 94 Resp: 104676

Ion Ratio Lower Upper

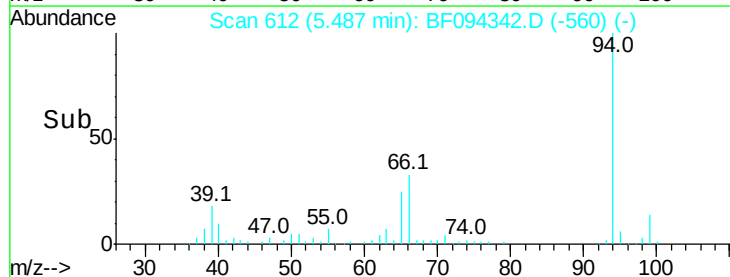
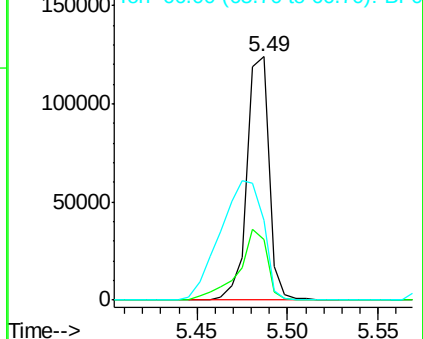
94 100

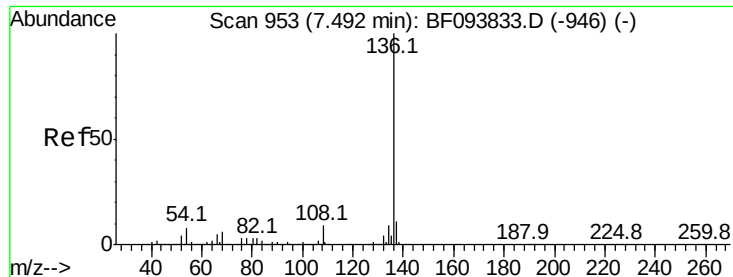
65 24.8 9.9 49.9

66 32.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094342.D

Acq: 11 Apr 2017 6:53

Instrument :

BNA_F

ClientSampleId :

B-62-S2(8-10)

Tot Ion:136 Resp: 588436

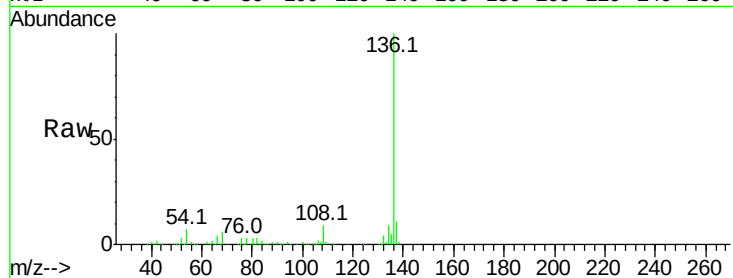
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.8 4.9 7.3

68 5.9 4.1 6.1

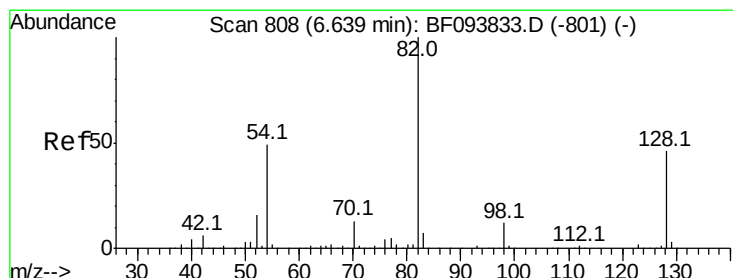
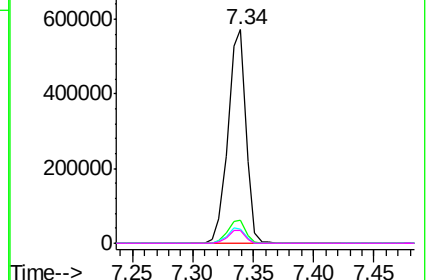
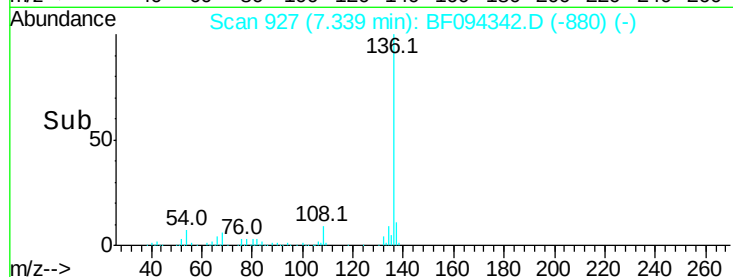


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.66 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094342.D

Acq: 11 Apr 2017 6:53

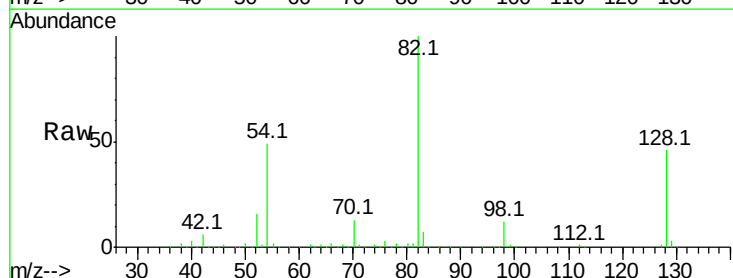
Tgt Ion: 82 Resp: 965742

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

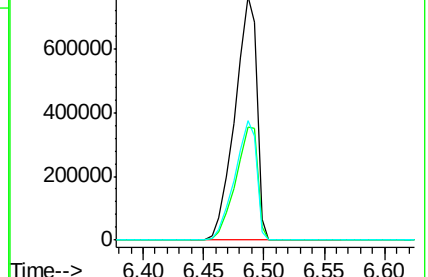
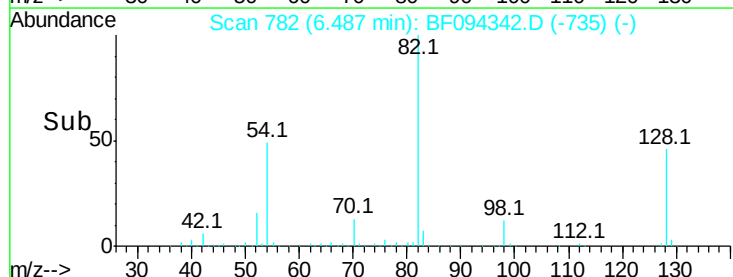
54 49.3 42.2 63.2

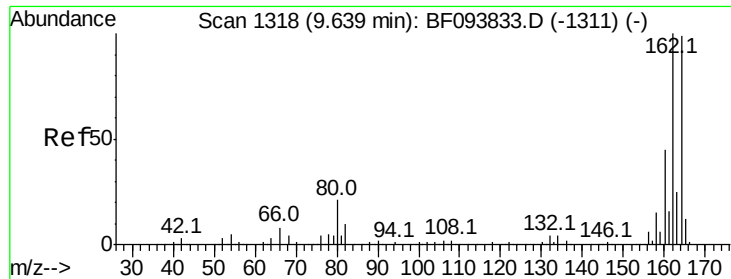


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

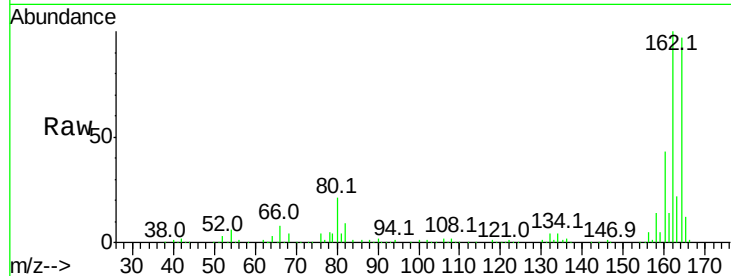




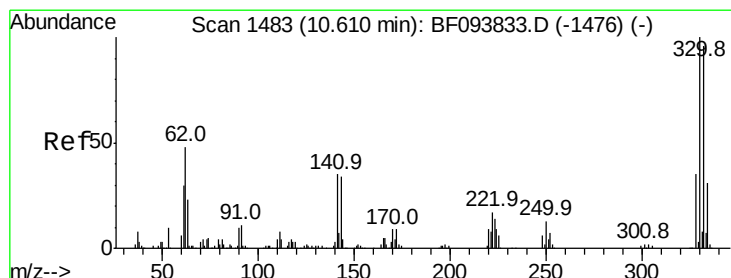
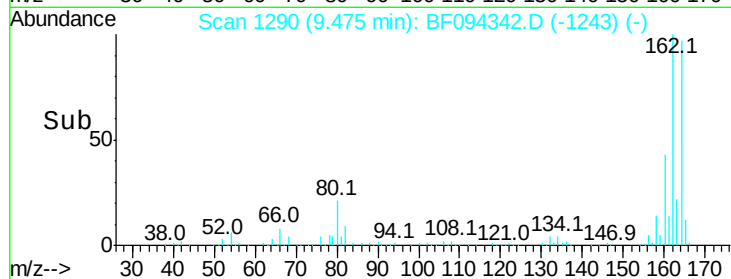
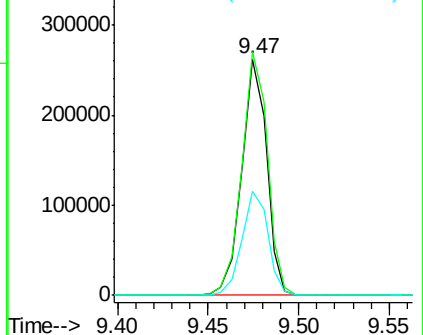
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094342.D
 Acq: 11 Apr 2017 6:53

Instrument :
 BNA_F
 ClientSampleId :
 B-62-S2(8-10)

Tot Ion:164 Resp: 251288
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 44.2 36.2 54.2

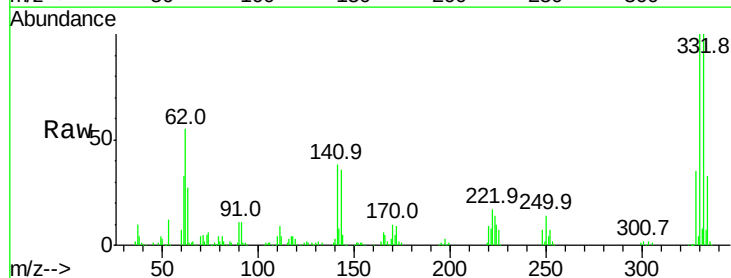


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

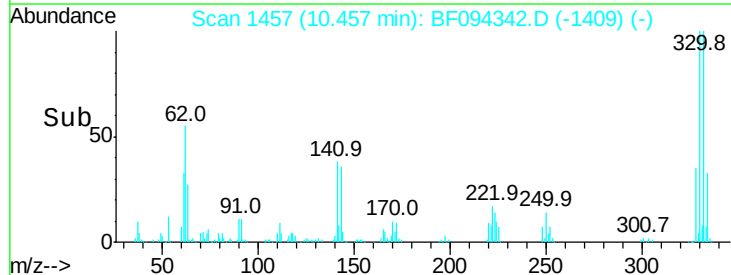
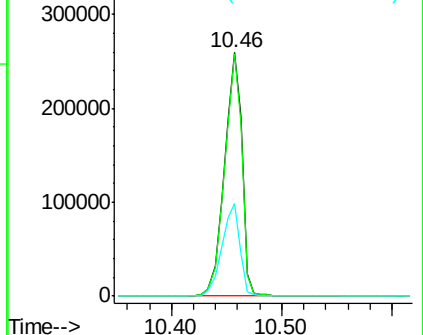


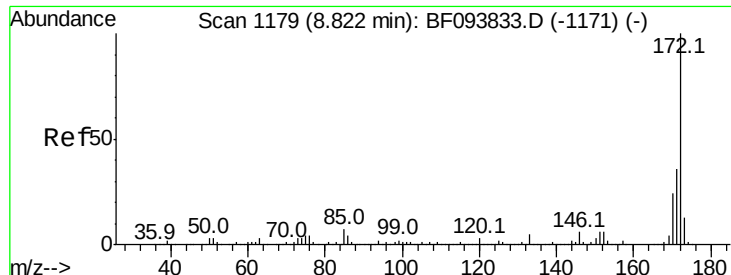
#41
 2,4,6-Tribromophenol
 Concen: 144.86 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094342.D
 Acq: 11 Apr 2017 6:53

Tgt Ion:330 Resp: 287646
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.6 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

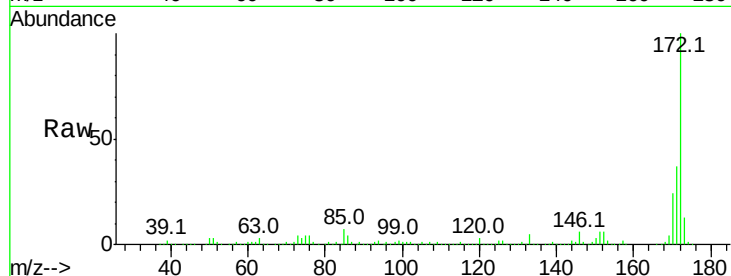




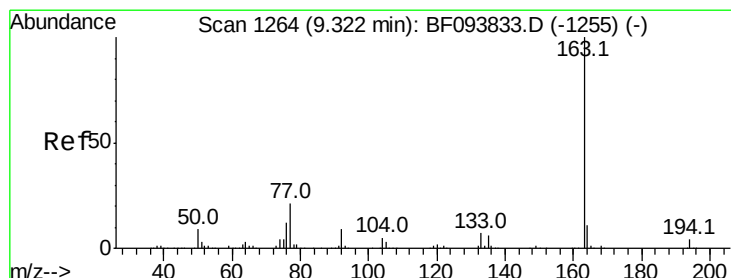
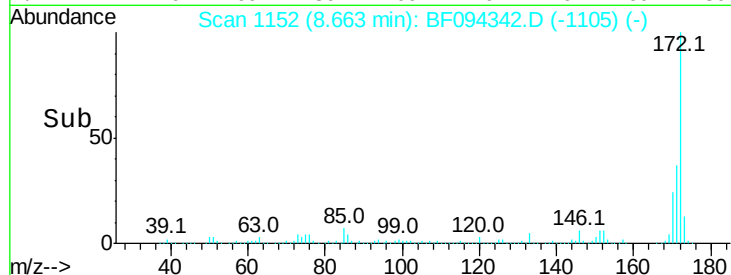
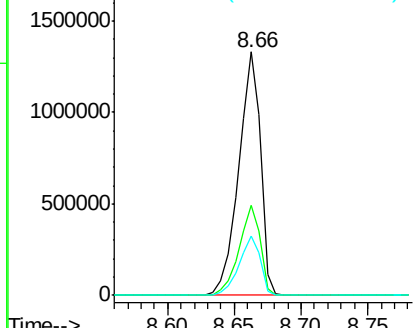
#44
2-Fluorobiphenyl
Concen: 91.45 ng
RT: 8.66 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF094342.D
Acq: 11 Apr 2017 6:53

Instrument :
BNA_F
ClientSampleId :
B-62-S2(8-10)

Tot Ion:172 Resp: 1506566
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.1 19.8 29.8

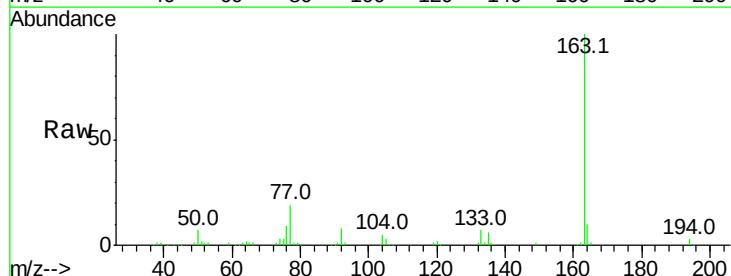


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

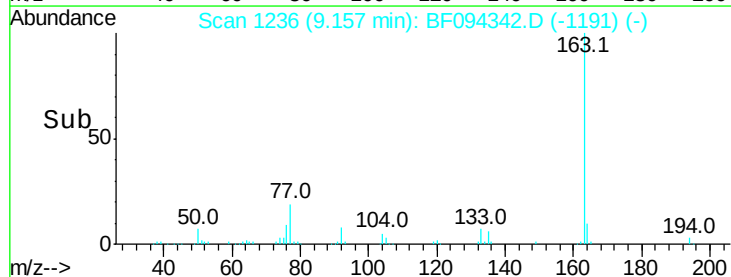
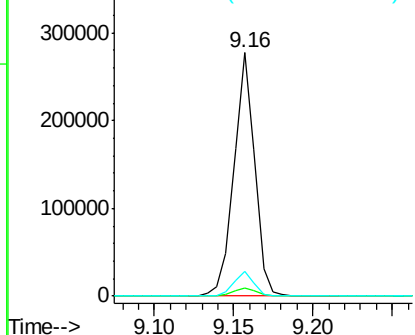


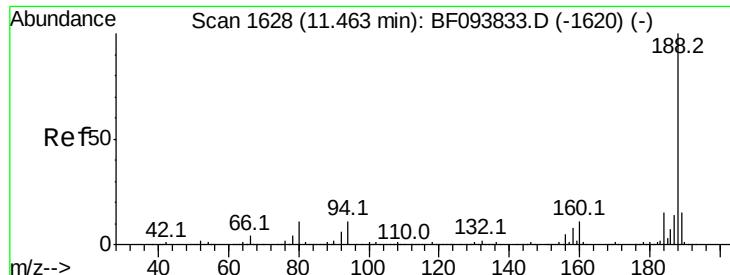
#49
Dimethylphthalate
Concen: 14.13 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094342.D
Acq: 11 Apr 2017 6:53

Tgt Ion:163 Resp: 252321
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 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

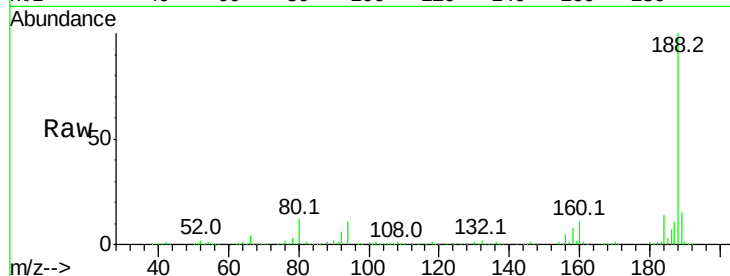




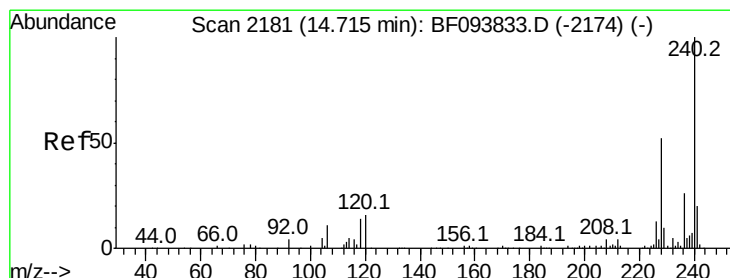
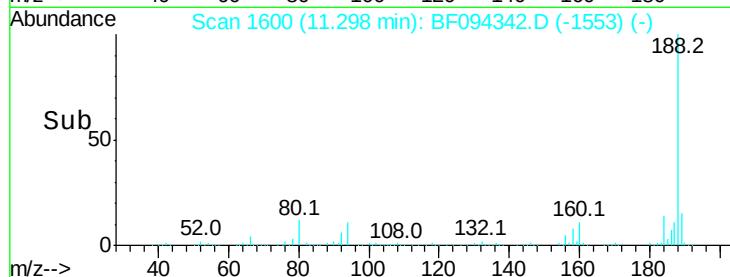
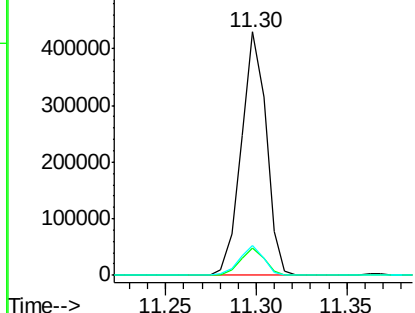
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094342.D
Acq: 11 Apr 2017 6:53

Instrument :
BNA_F
ClientSampleId :
B-62-S2(8-10)

Tot Ion:188 Resp: 411388
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.1 10.2 15.2

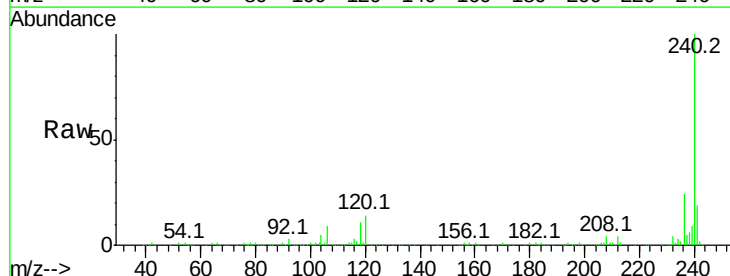


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

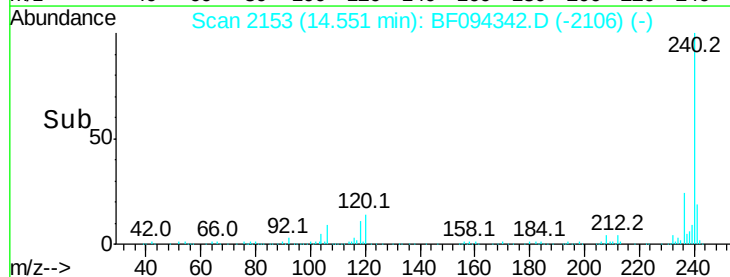
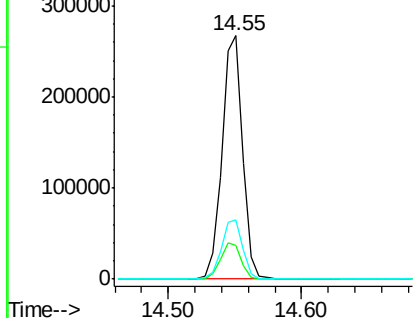


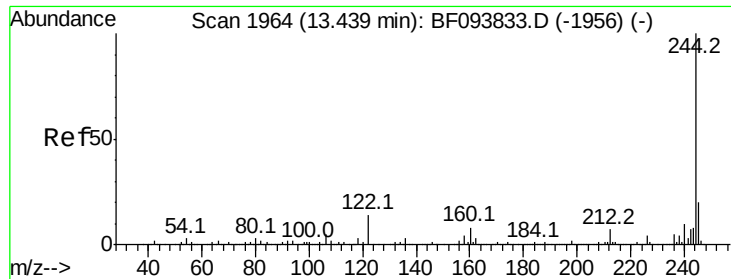
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094342.D
Acq: 11 Apr 2017 6:53

Tgt Ion:240 Resp: 290747
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 24.2 20.5 30.7



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

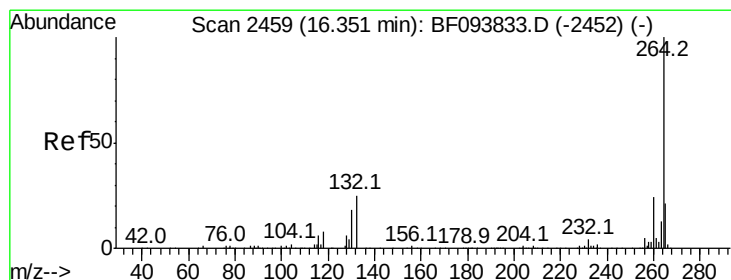
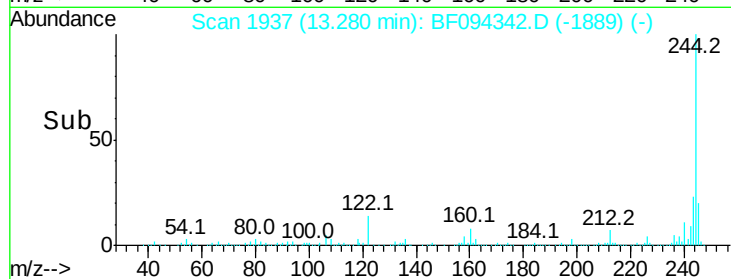
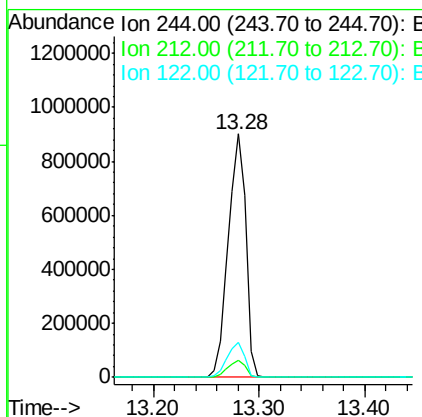
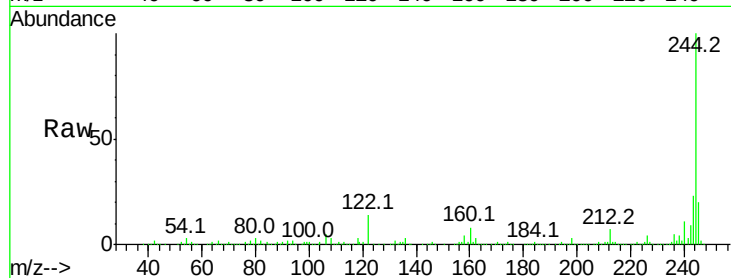




#78
 Terphenyl-d14
 Concen: 79.87 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094342.D
 Acq: 11 Apr 2017 6:53

Instrument :
 BNA_F
 ClientSampleId :
 B-62-S2(8-10)

Tot Ion:244 Resp: 1036041
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BF094342.D
 Acq: 11 Apr 2017 6:53

Tgt Ion:264 Resp: 244901
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.8 17.2 25.8

