

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094561.D
 Acq On : 21 Apr 2017 13:56
 Operator : SJ/MA
 Sample : I2744-02DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(18-20)20170418DL

Quant Time: Apr 21 15:20:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

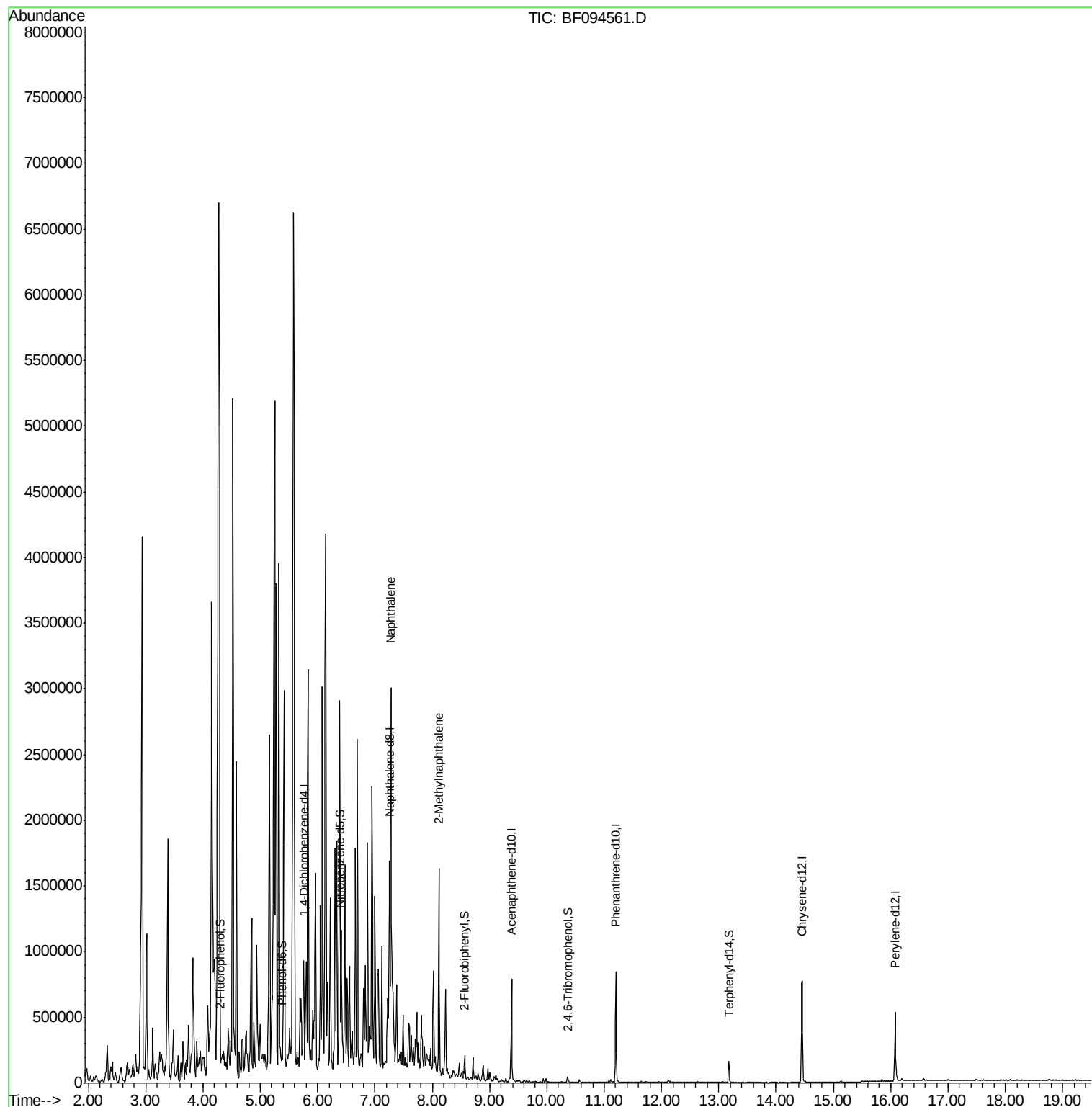
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	94607	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	361474	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	179309	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	350384	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	333617	20.00	ng	-0.01
86) Perylene-d12	16.08	264	238721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	32083	5.63	ng	0.00
7) Phenol-d6	5.38	99	40469	6.02	ng	0.00
23) Nitrobenzene-d5	6.40	82	29558	5.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	7924	5.65	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	54992	4.51	ng	-0.02
78) Terphenyl-d14	13.18	244	54976	4.40	ng	-0.02
Target Compounds						
31) Naphthalene	7.28	128	805829	46.37	ng	Qvalue 100
37) 2-Methylnaphthalene	8.12	142	431499	36.29	ng	98

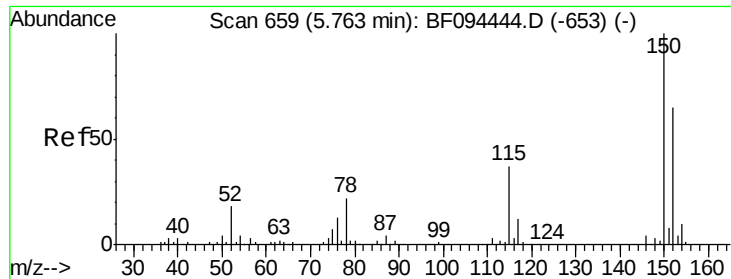
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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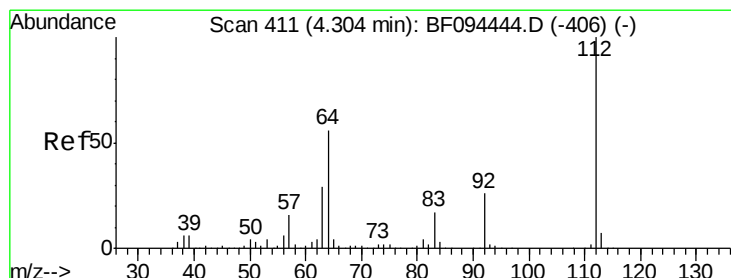
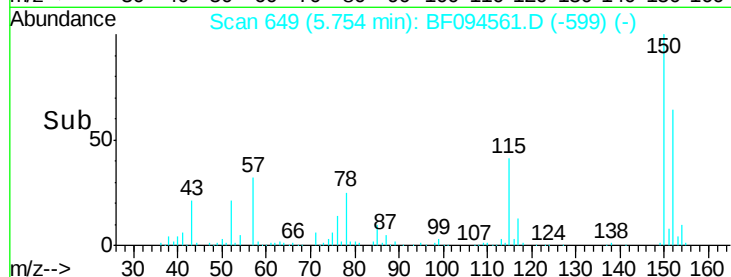
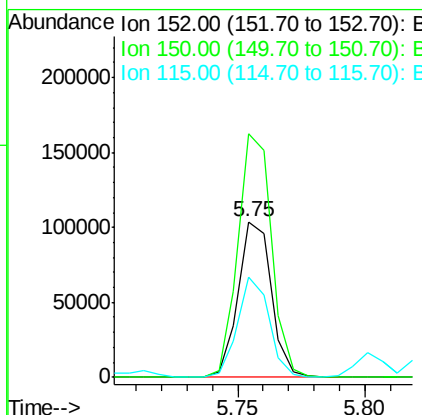
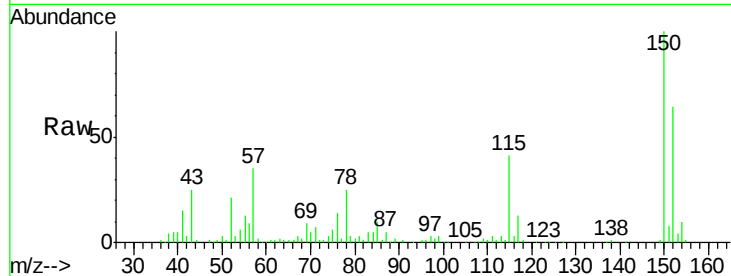


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094561.D
Acq: 21 Apr 2017 13:56

Instrument :
BNA_F
ClientSampleId :
SB-2(18-20)20170418DL

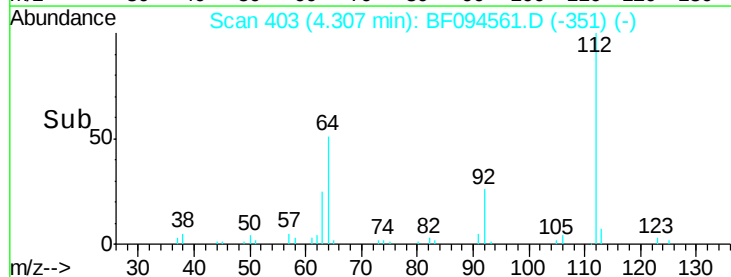
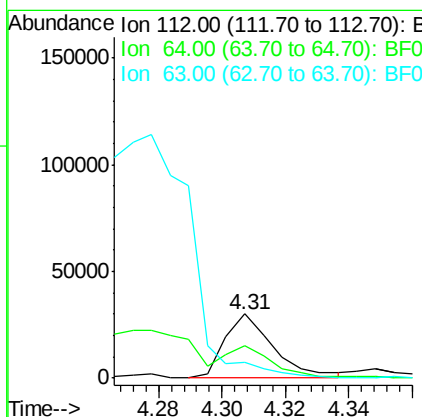
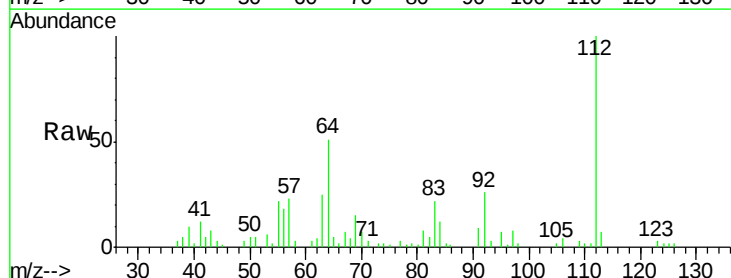
Tot Ion:152 Resp: 94607
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 64.0 52.2 78.2

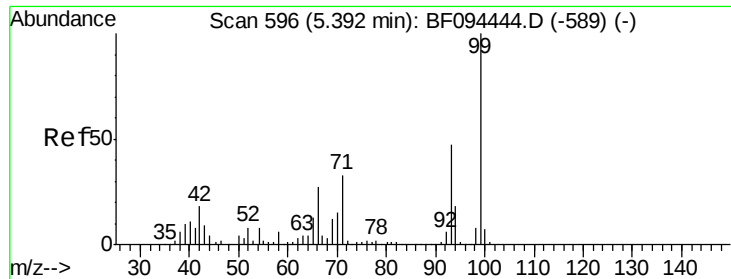


#5

2-Fluorophenol
Concen: 5.63 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094561.D
Acq: 21 Apr 2017 13:56

Tgt Ion:112 Resp: 32083
Ion Ratio Lower Upper
112 100
64 51.2 46.0 69.0
63 24.6 23.4 35.0





#7

Phenol-d6

Concen: 6.02 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094561.D

Acq: 21 Apr 2017 13:56

Instrument :

BNA_F

ClientSampleId :

SB-2(18-20)20170418DL

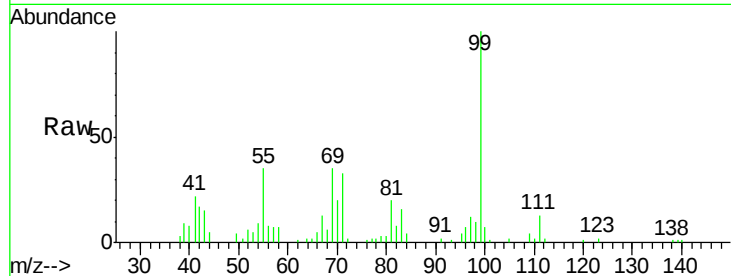
Tot Ion: 99 Resp: 40469

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

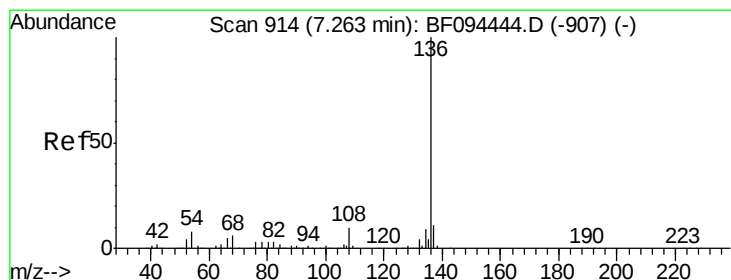
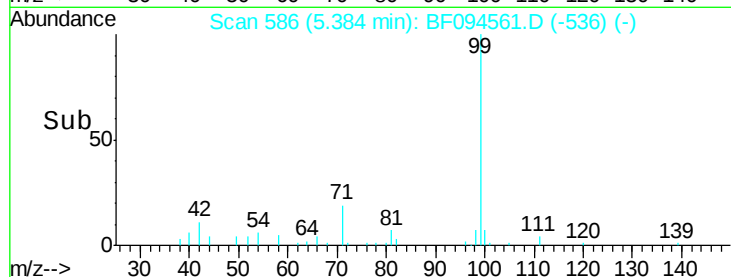
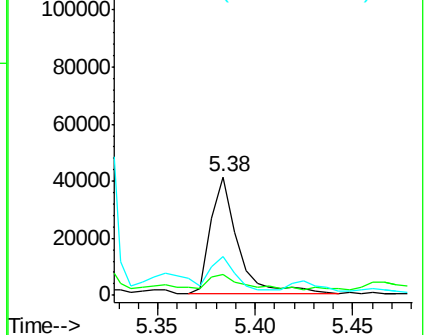
71 32.6 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094561.D

Acq: 21 Apr 2017 13:56

Tgt Ion: 136 Resp: 361474

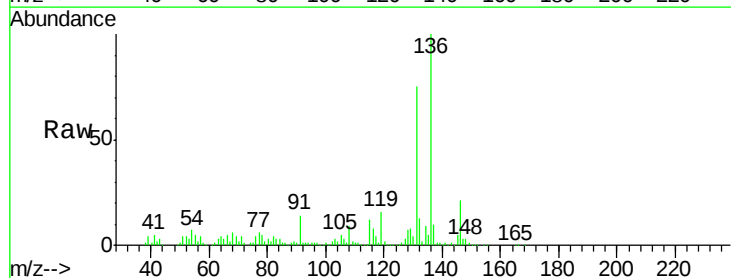
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.3 4.9 7.3#

68 5.9 4.1 6.1

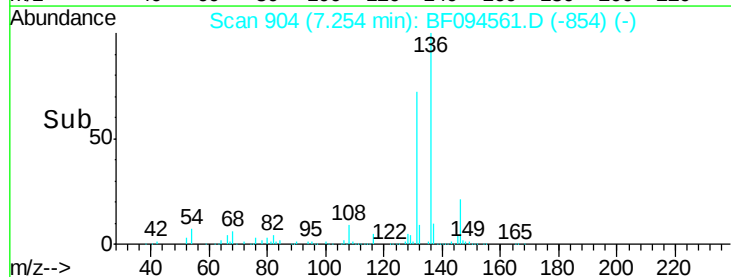
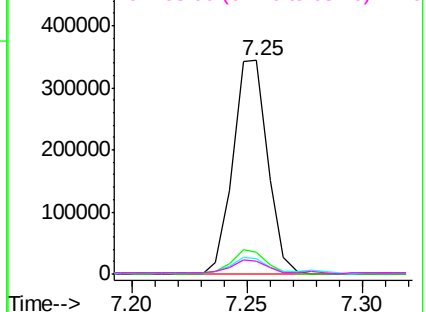


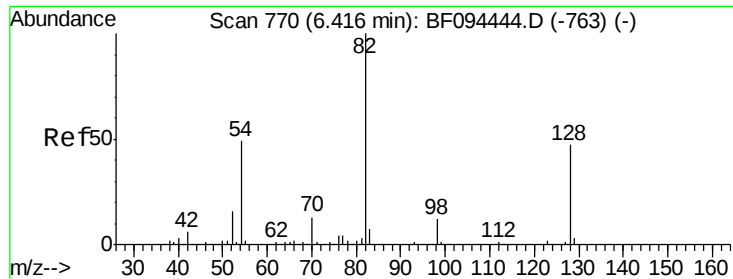
Abundance Ion 136.00 (135.70 to 136.70): E

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

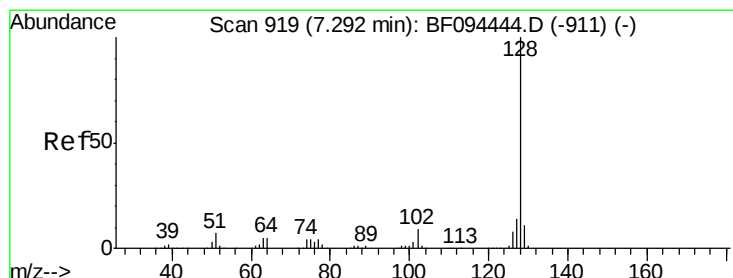
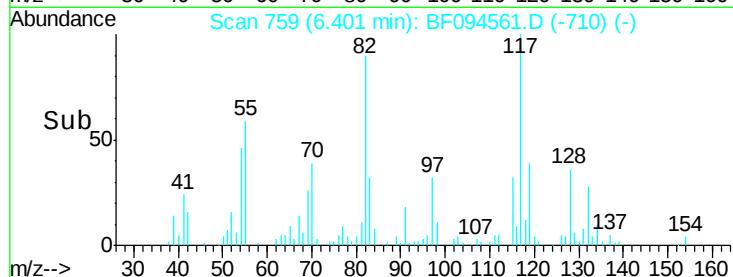
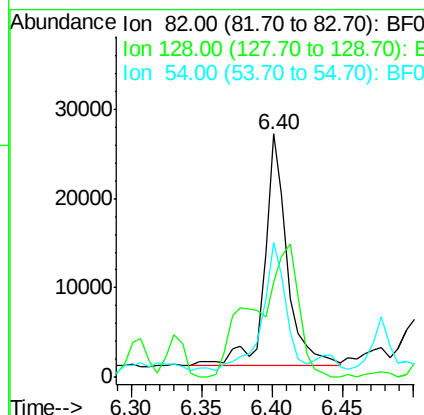
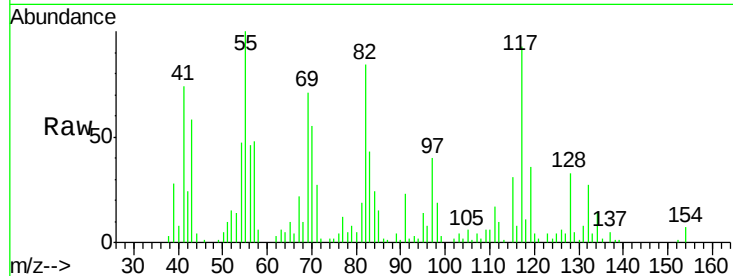




#23
Nitrobenzene-d5
Concen: 5.05 ng
RT: 6.40 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF094561.D
Acq: 21 Apr 2017 13:56

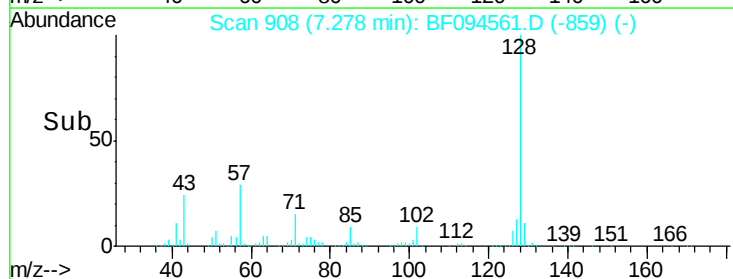
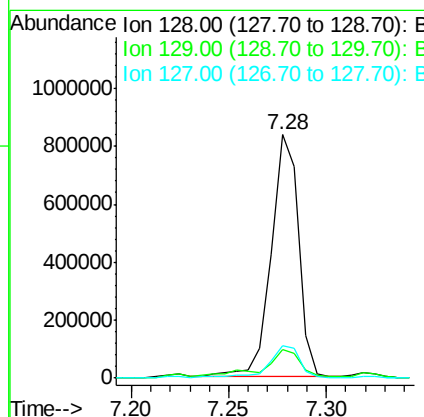
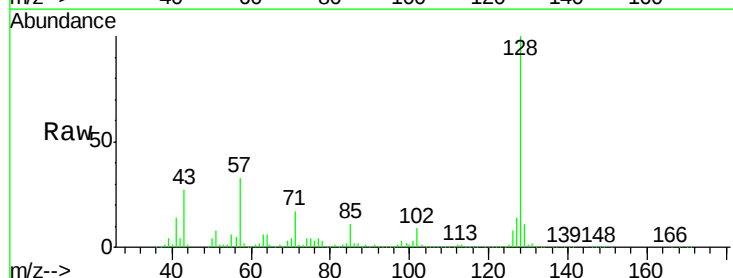
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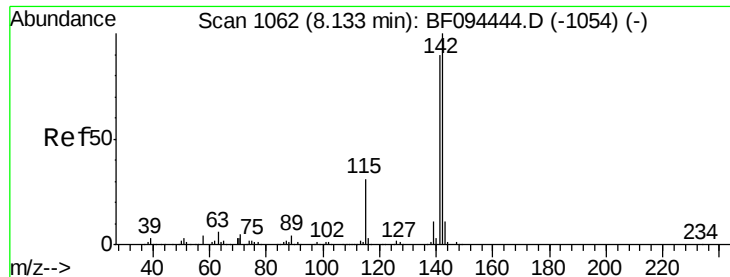
Tot Ion: 82 Resp: 29558
Ion Ratio Lower Upper
82 100
128 38.9 34.0 51.0
54 55.3 42.2 63.2



#31
Naphthalene
Concen: 46.37 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094561.D
Acq: 21 Apr 2017 13:56

Tgt Ion:128 Resp: 805829
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.5 10.8 16.2

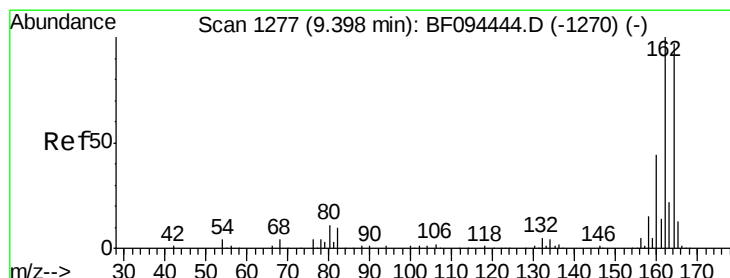
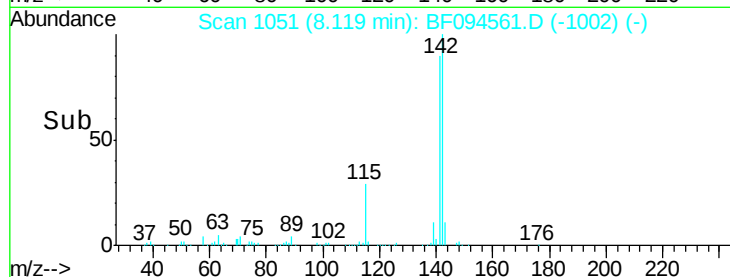
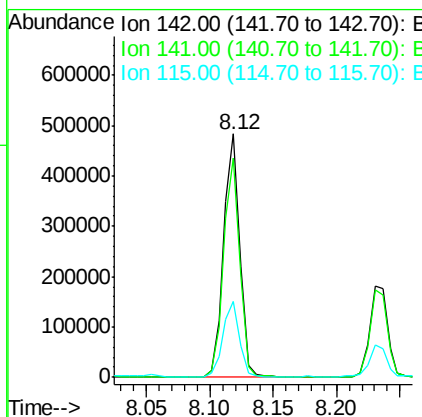
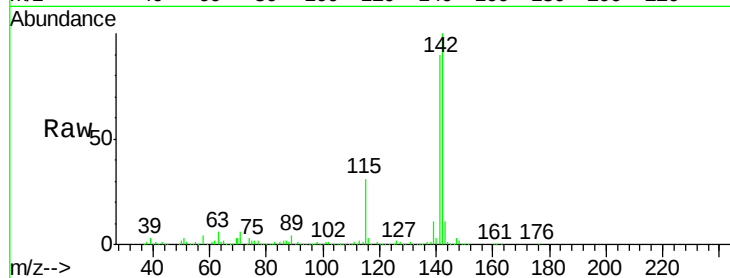




#37
 2-Methylnaphthalene
 Concen: 36.29 ng
 RT: 8.12 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF094561.D
 Acq: 21 Apr 2017 13:56

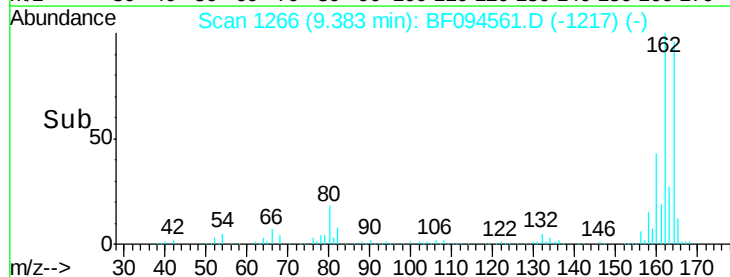
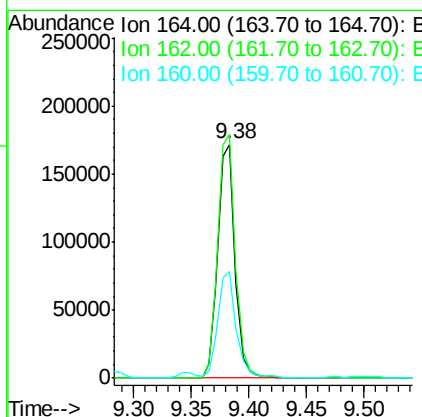
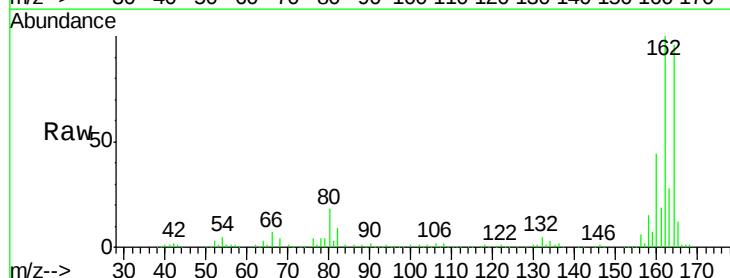
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(18-20)20170418DL

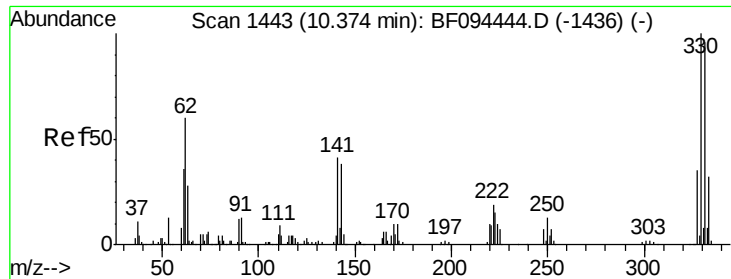
Tot Ion:142 Resp: 431499
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.3 106.9
 115 31.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094561.D
 Acq: 21 Apr 2017 13:56

Tgt Ion:164 Resp: 179309
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.5 36.2 54.2

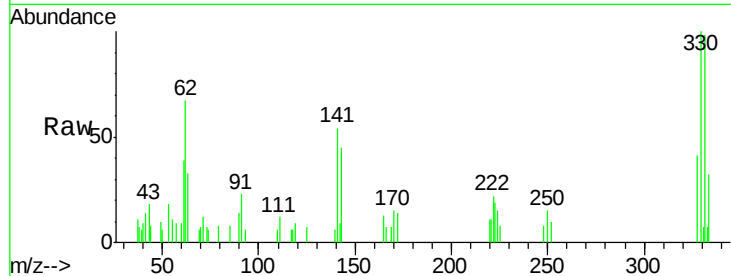




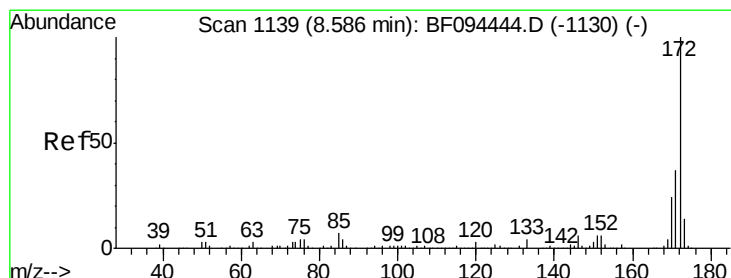
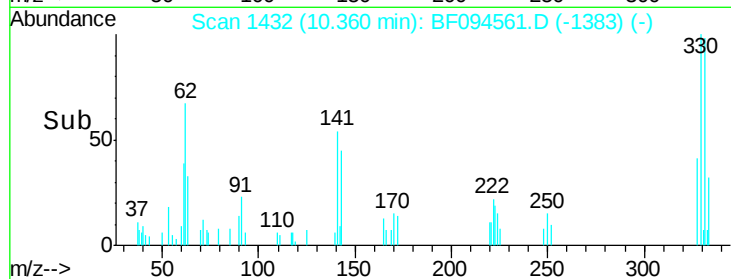
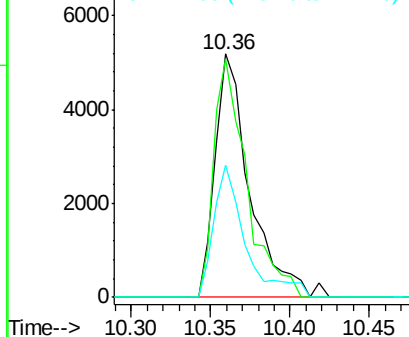
#41
 2,4,6-Tribromophenol
 Concen: 5.65 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094561.D
 Acq: 21 Apr 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(18-20)20170418DL

Tot Ion:330 Resp: 7924
 Ion Ratio Lower Upper
 330 100
 332 92.3 76.6 115.0
 141 49.1 31.4 47.2#

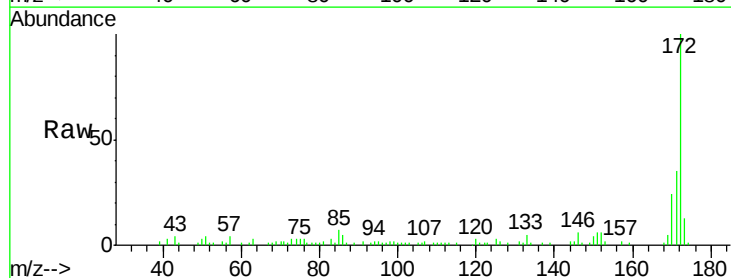


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

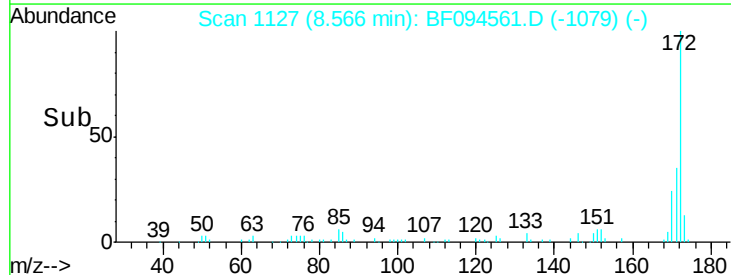
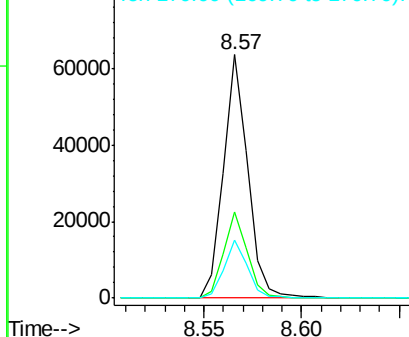


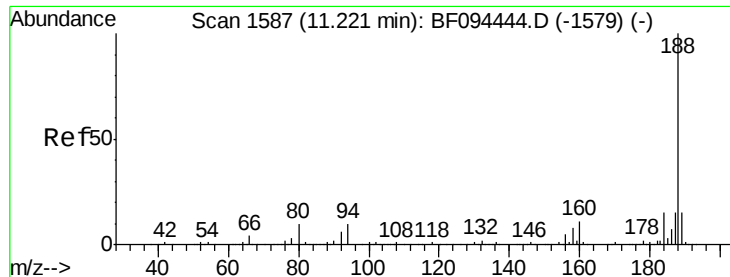
#44
 2-Fluorobiphenyl
 Concen: 4.51 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094561.D
 Acq: 21 Apr 2017 13:56

Tgt Ion:172 Resp: 54992
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.8 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

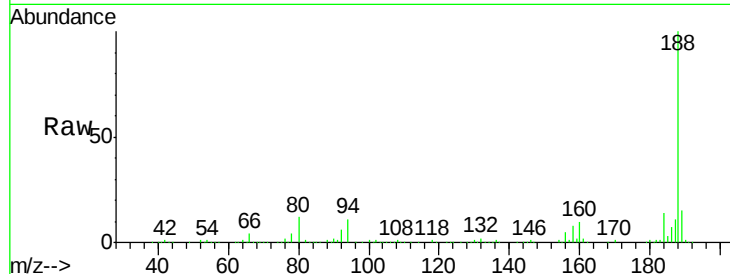




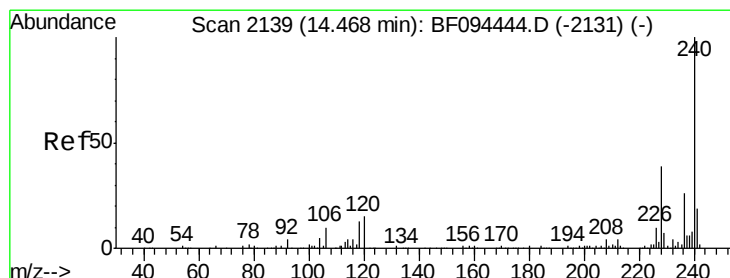
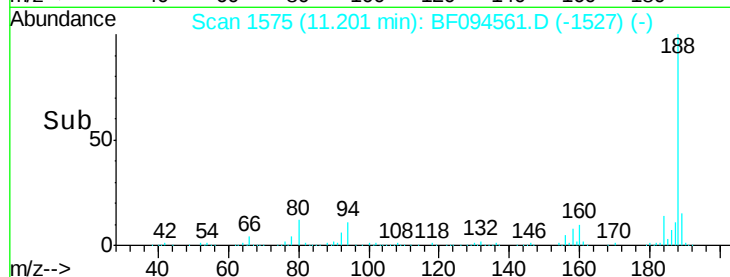
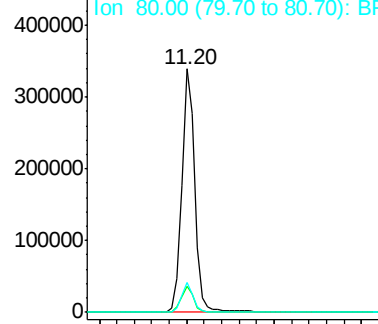
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094561.D
Acq: 21 Apr 2017 13:56

Instrument :
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SB-2(18-20)20170418DL

Tot Ion:188 Resp: 350384
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 12.1 10.2 15.2

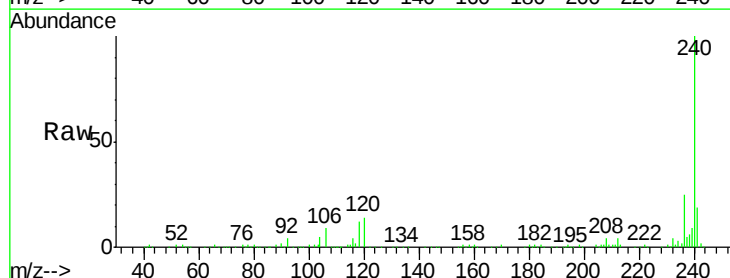


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

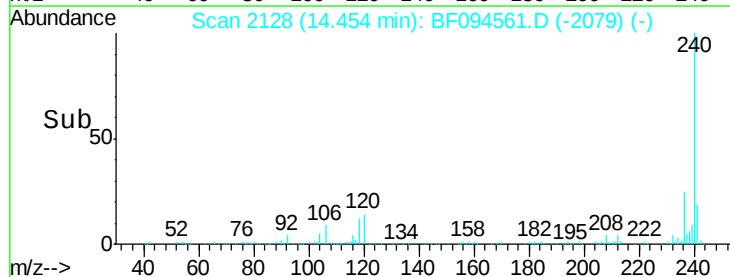
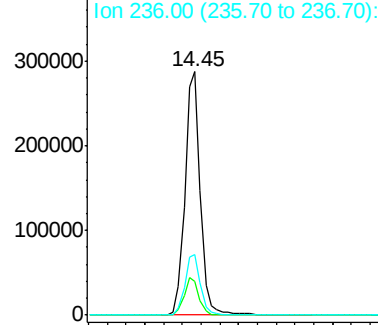


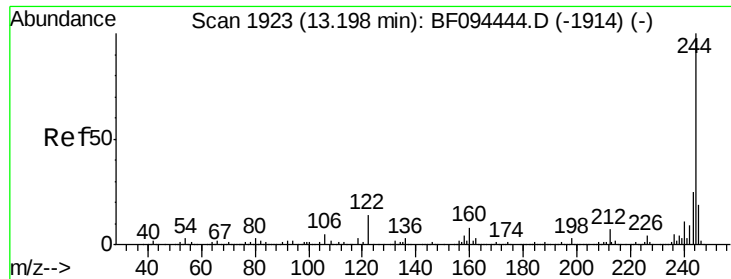
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094561.D
Acq: 21 Apr 2017 13:56

Tgt Ion:240 Resp: 333617
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 24.7 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

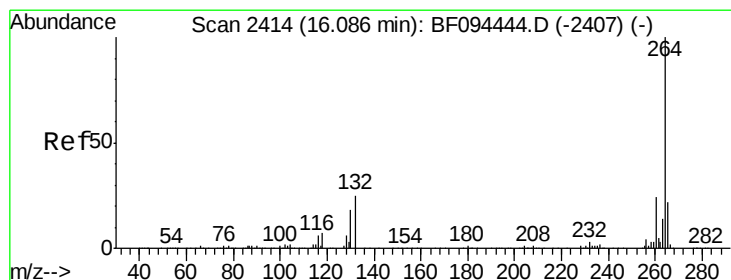
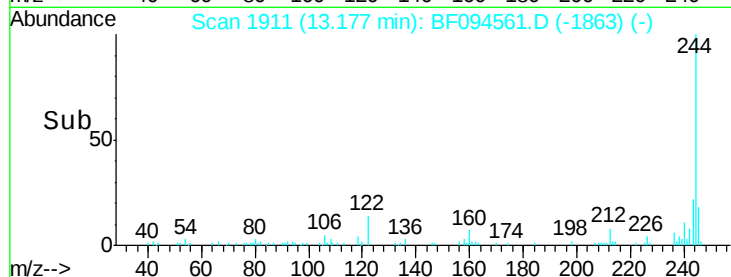
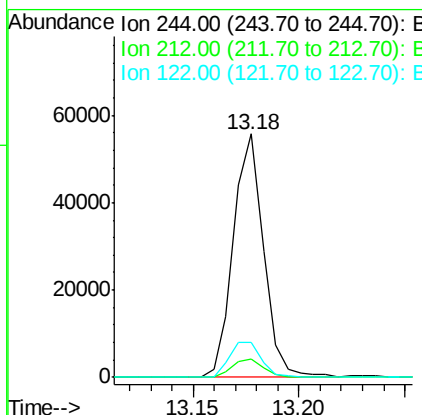
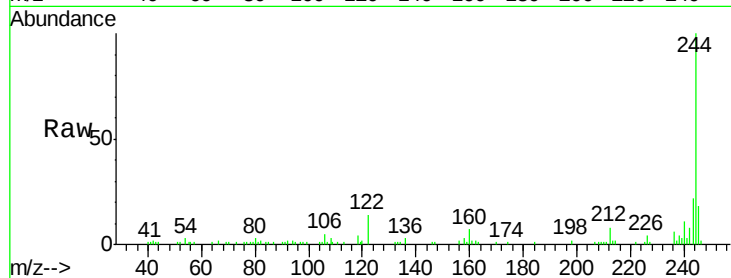




#78
 Terphenyl-d14
 Concen: 4.40 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094561.D
 Acq: 21 Apr 2017 13:56

Instrument :
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 SB-2(18-20)20170418DL

Tot Ion:244 Resp: 54976
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094561.D
 Acq: 21 Apr 2017 13:56

Tgt Ion:264 Resp: 238721
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.2 17.2 25.8

