

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094776.D
 Acq On : 2 May 2017 4:08
 Operator : SJ/MA
 Sample : I2930-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMP

Quant Time: May 02 05:34:11 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

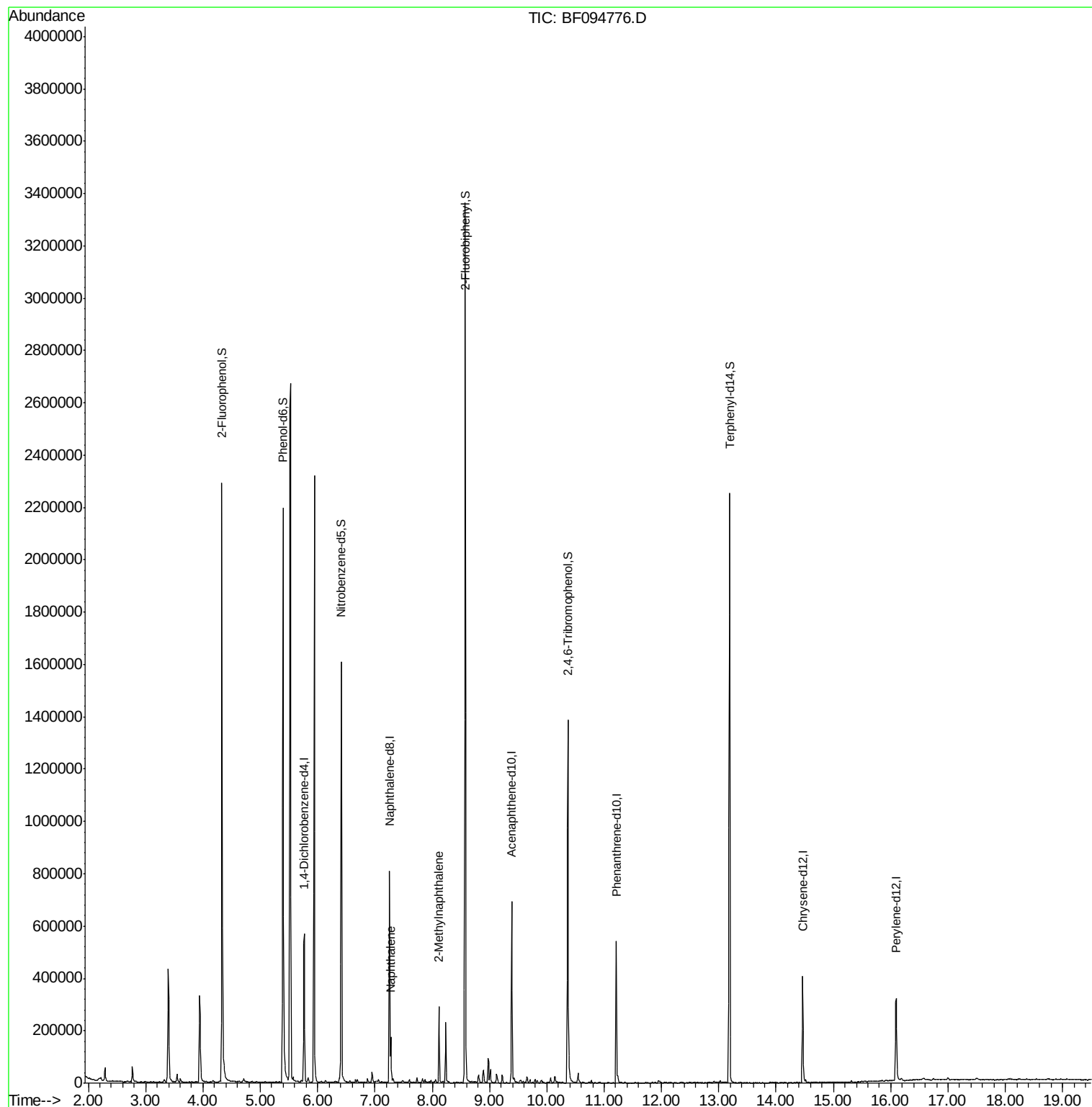
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	94761	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	379781	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	165410	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	245979	20.00	ng	0.00
75) Chrysene-d12	14.46	240	185605	20.00	ng	0.00
86) Perylene-d12	16.09	264	149172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	781321	136.79	ng	0.03
7) Phenol-d6	5.40	99	902819	134.08	ng	0.00
23) Nitrobenzene-d5	6.41	82	631095	102.61	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	190495	147.24	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1191717	106.00	ng	0.00
78) Terphenyl-d14	13.19	244	806859	116.20	ng	0.00
Target Compounds						
31) Naphthalene	7.28	128	79183	4.34	ng	98
37) 2-Methylnaphthalene	8.12	142	81435	6.52	ng	98

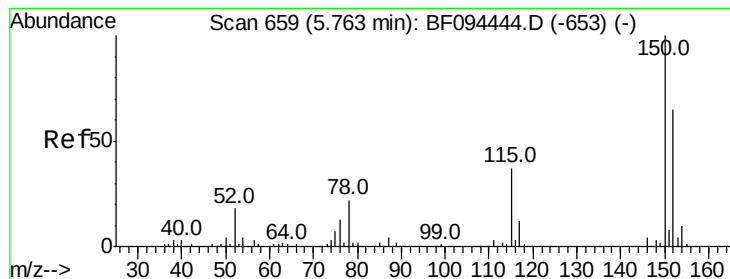
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

RO-1-COMP

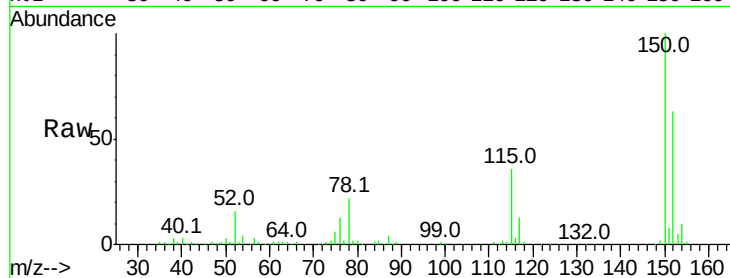
Tot Ion:152 Resp: 94761

Ion Ratio Lower Upper

152 100

150 157.9 126.2 189.2

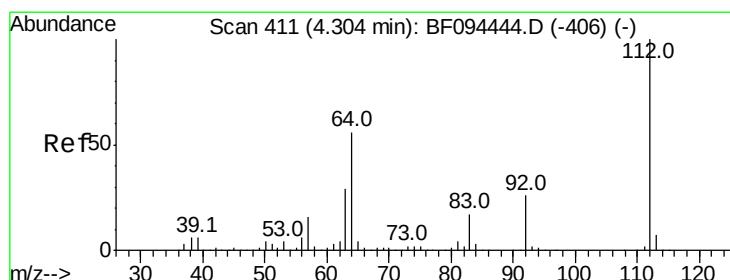
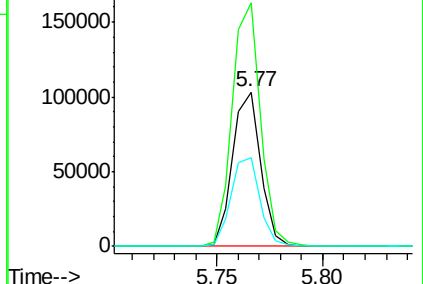
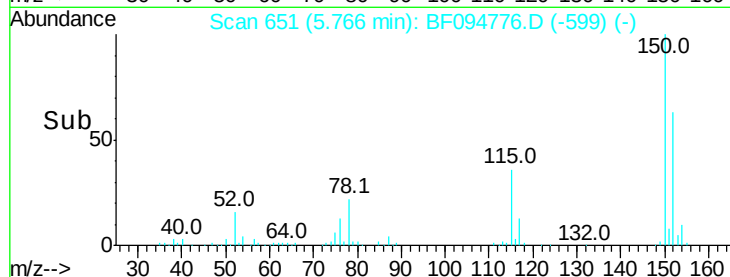
115 57.2 52.2 78.2



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: 136.79 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

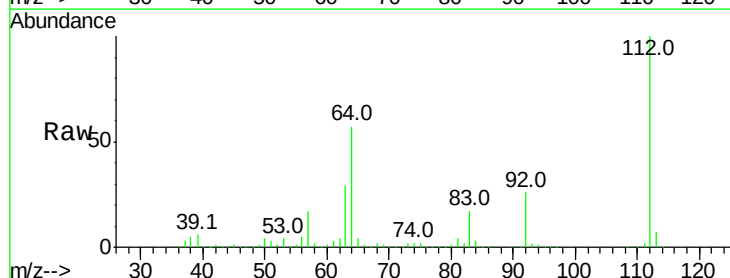
Tgt Ion:112 Resp: 781321

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

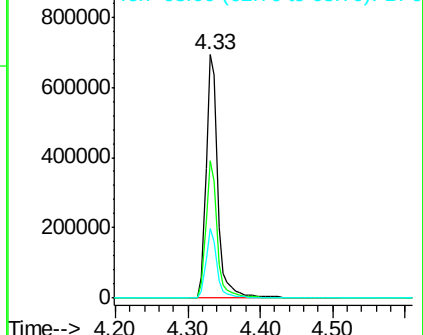
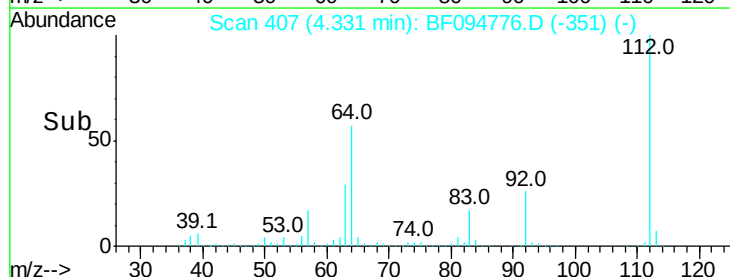
63 28.8 23.4 35.0

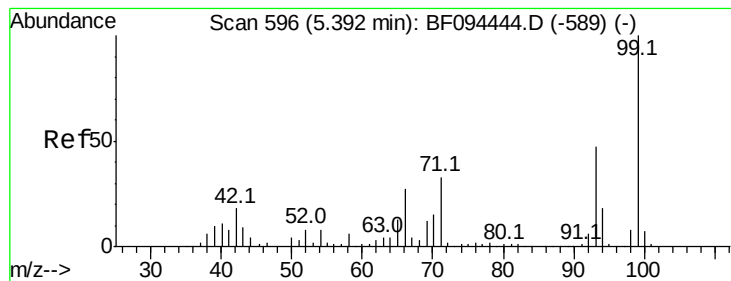


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.08 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

RO-1-COMP

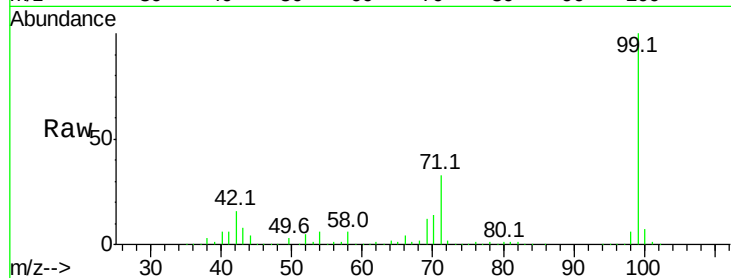
Tot Ion: 99 Resp: 902819

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.5	24.5	36.7

99 100

42 16.0 13.5 20.3

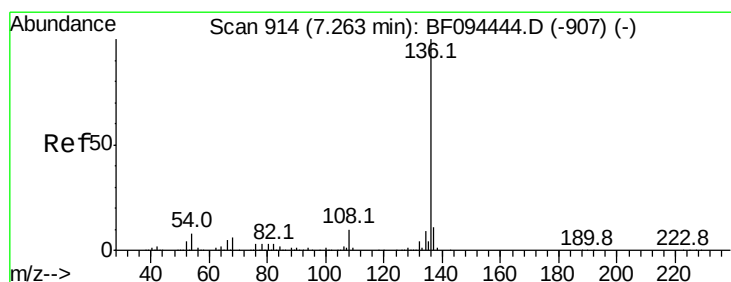
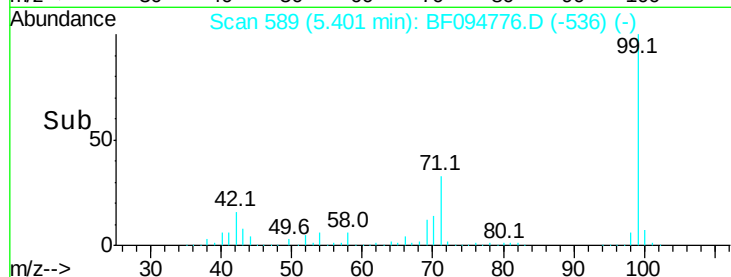
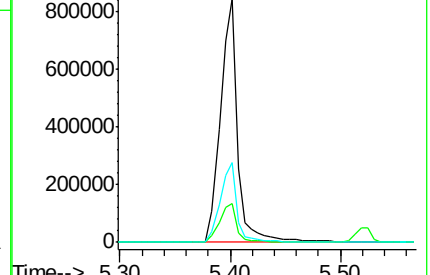
71 32.5 24.5 36.7



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: BF094776.D

Acq: 2 May 2017 4:08

Tgt Ion: 136 Resp: 379781

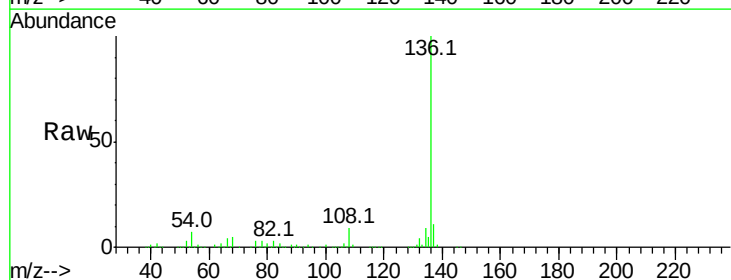
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.6	4.9	7.3
68	5.0	4.1	6.1

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 5.0 4.1 6.1

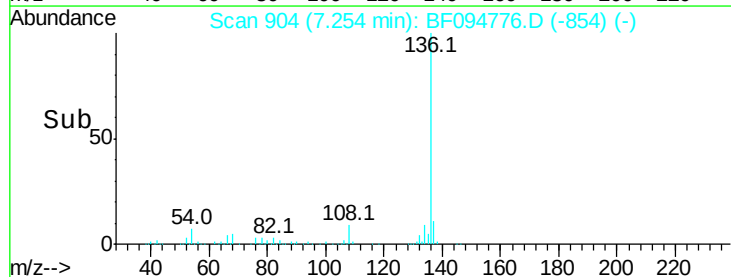
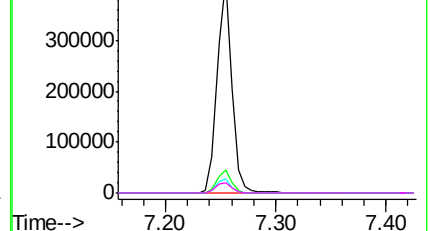


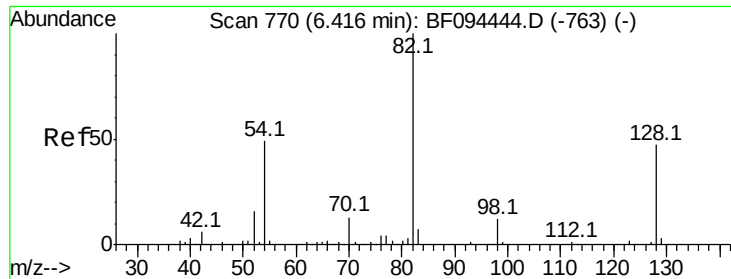
Abundance Ion 136.00 (135.70 to 136.70): E

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

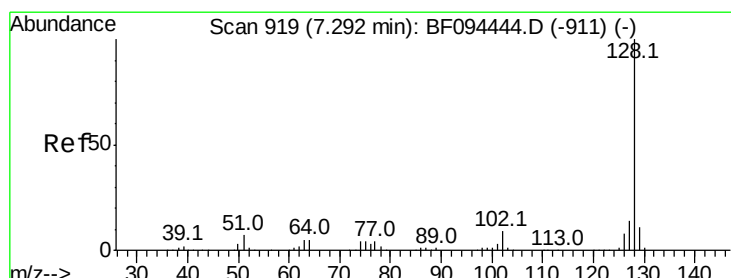
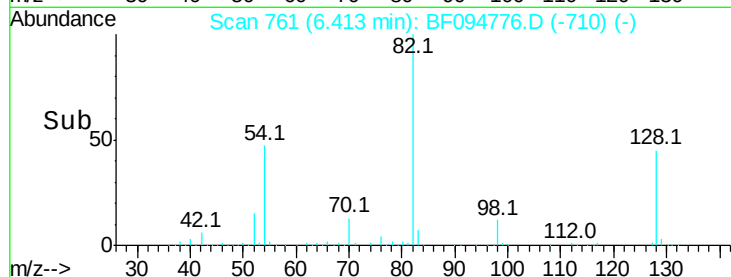
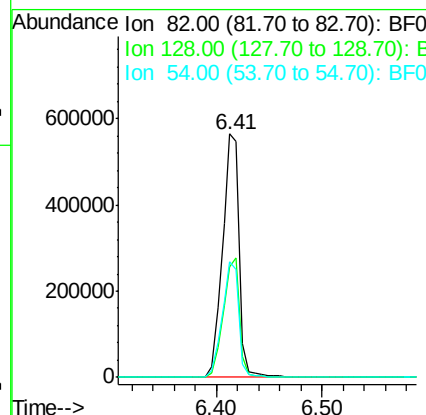
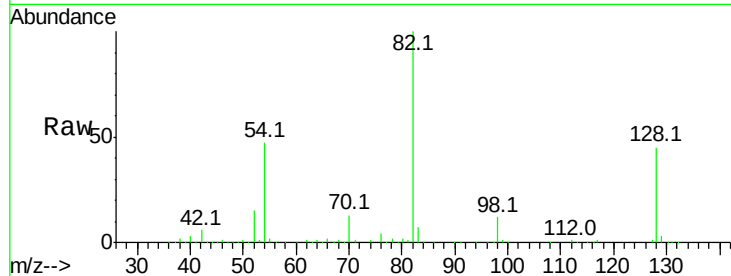




#23
 Nitrobenzene-d5
 Concen: 102.61 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

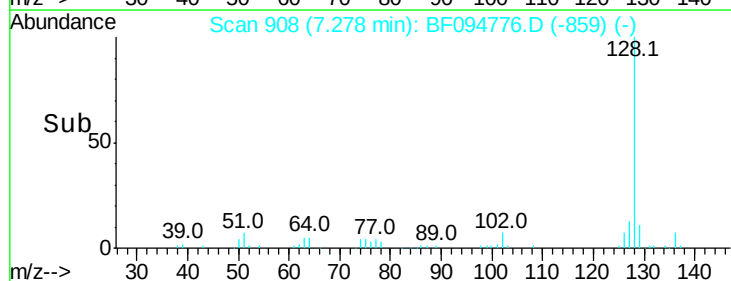
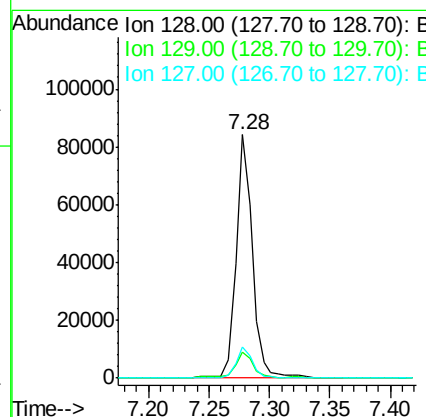
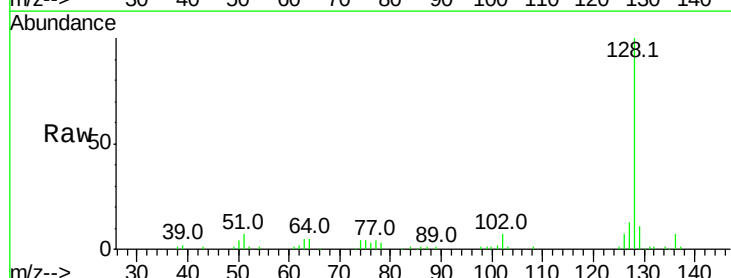
Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMP

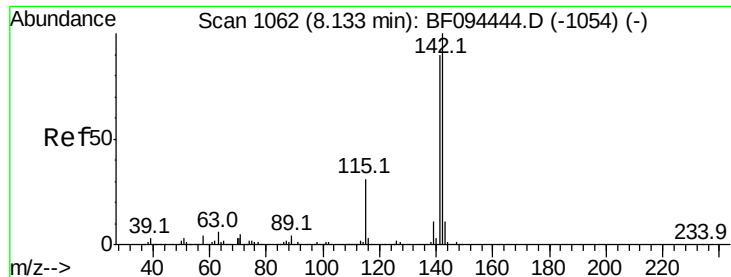
Tot Ion: 82 Resp: 631095
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 47.4 42.2 63.2



#31
 Naphthalene
 Concen: 4.34 ng
 RT: 7.28 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Tgt Ion:128 Resp: 79183
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.0 13.6
 127 12.8 10.8 16.2





#37

2-Methylnaphthalene

Concen: 6.52 ng

RT: 8.12 min Scan# 1051

Delta R.T. -0.01 min

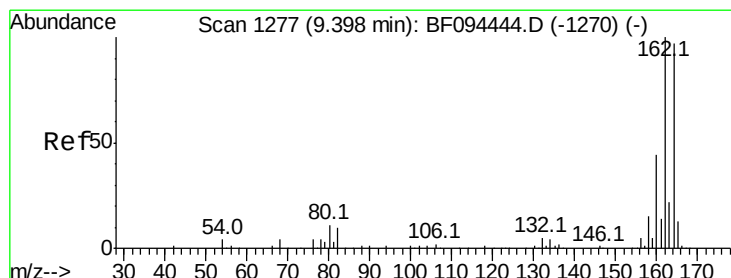
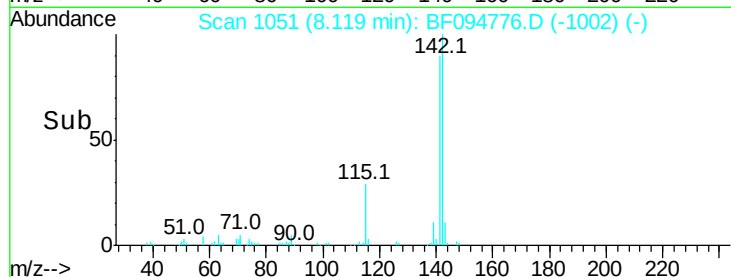
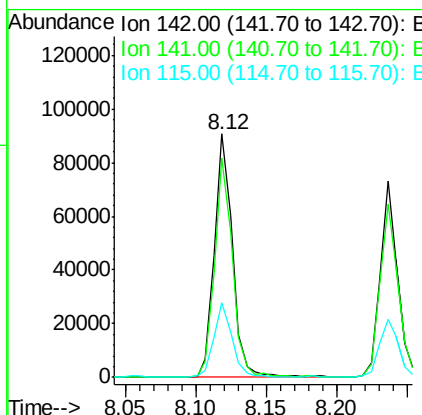
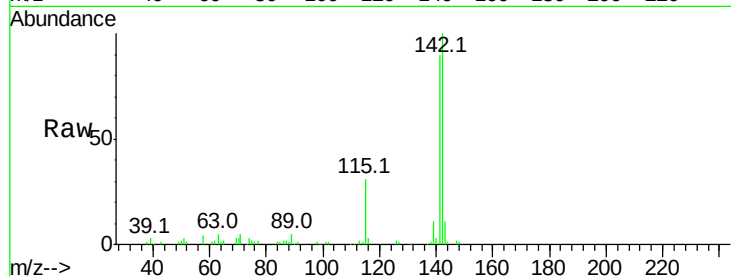
Lab File: BF094776.D

Acq: 2 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
RO-1-COMP

Tot Ion:142 Resp: 81435

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	30.5	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

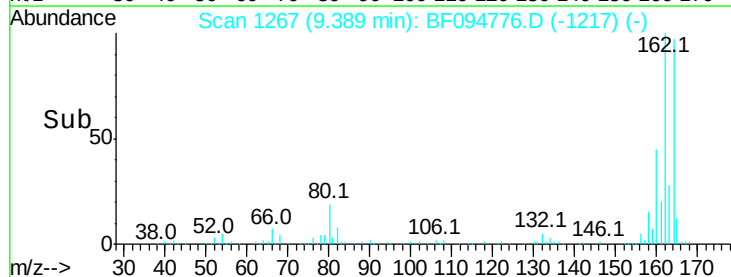
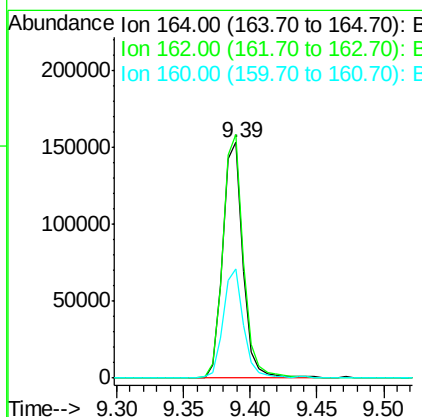
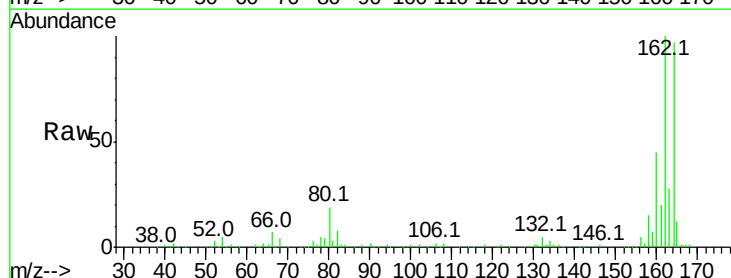
Delta R.T. -0.01 min

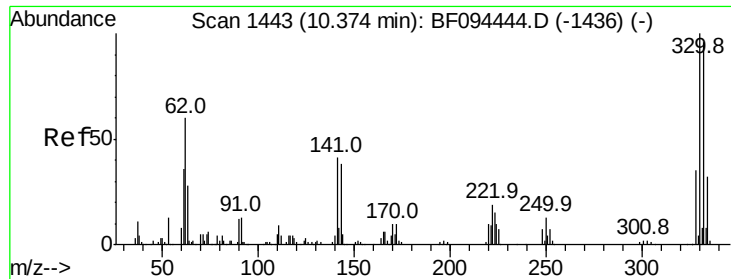
Lab File: BF094776.D

Acq: 2 May 2017 4:08

Tgt Ion:164 Resp: 165410

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	46.1	36.2	54.2

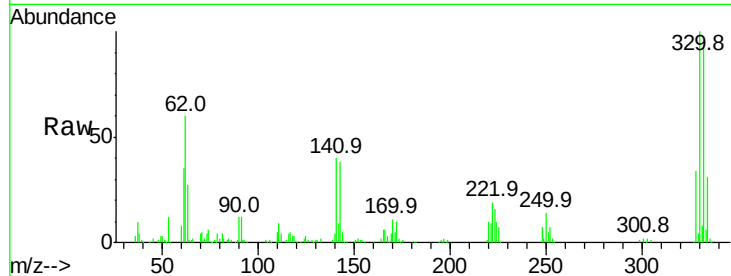




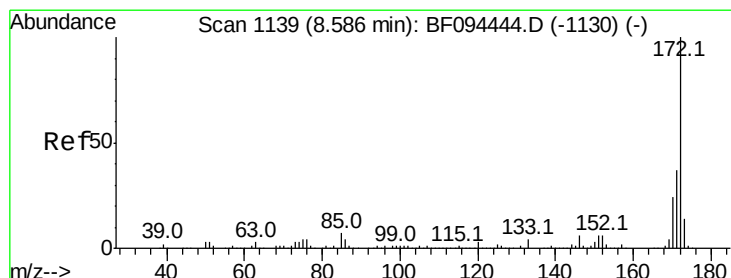
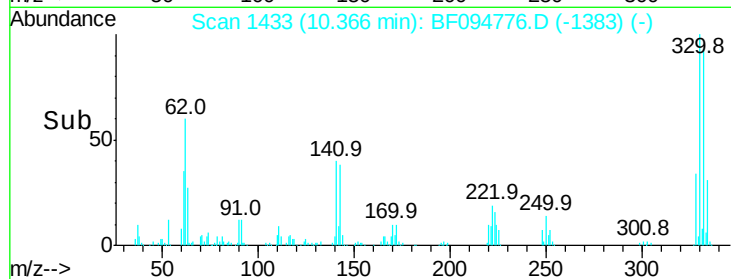
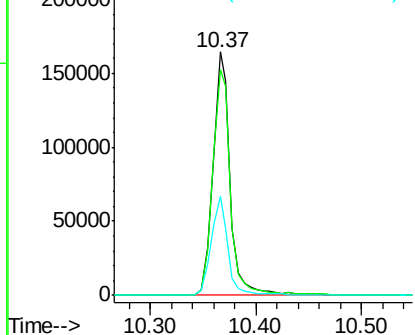
#41
 2,4,6-Tribromophenol
 Concen: 147.24 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMP

Tot Ion:330 Resp: 190495
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 39.7 31.4 47.2

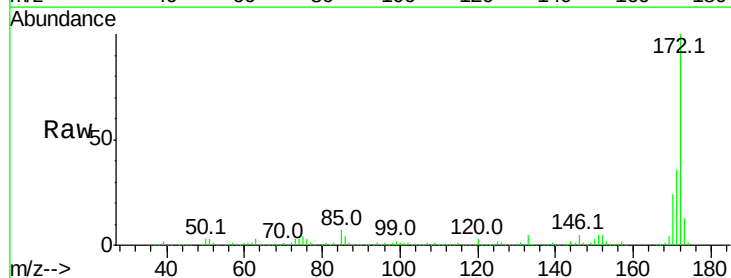


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

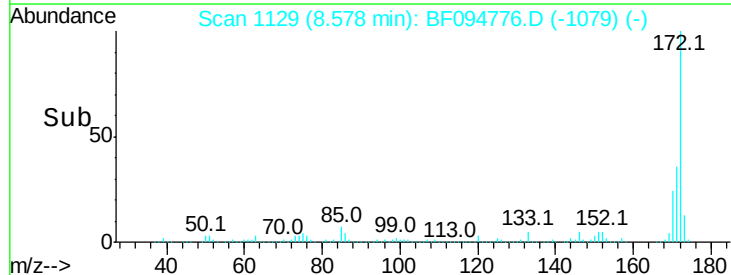
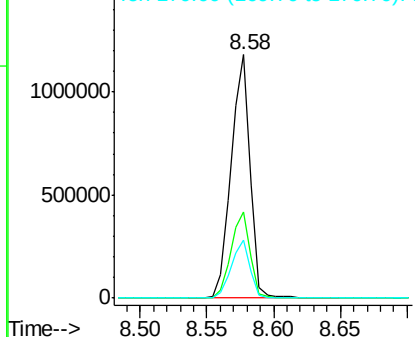


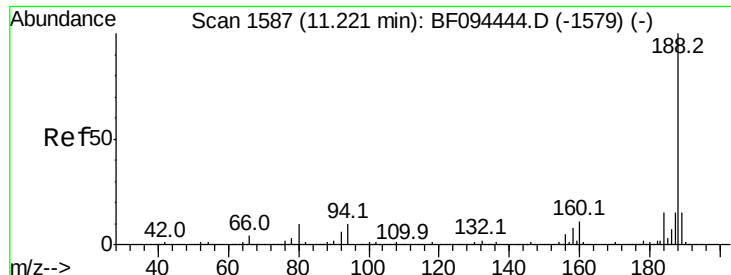
#44
 2-Fluorobiphenyl
 Concen: 106.00 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Tgt Ion:172 Resp: 1191717
 Ion Ratio Lower Upper
 172 100
 171 35.6 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: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

RO-1-COMP

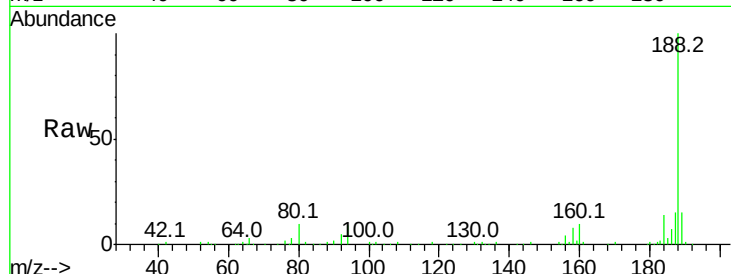
Tot Ion:188 Resp: 245979

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2#

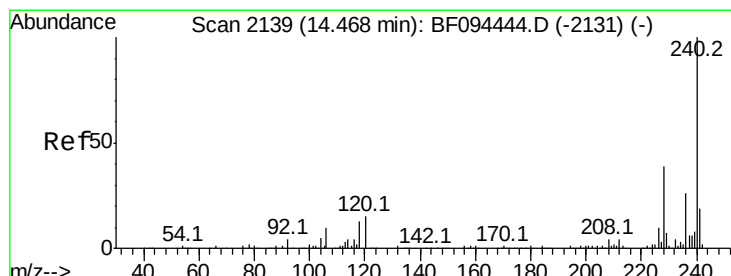
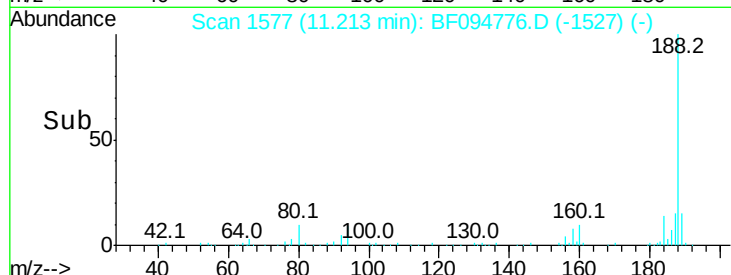
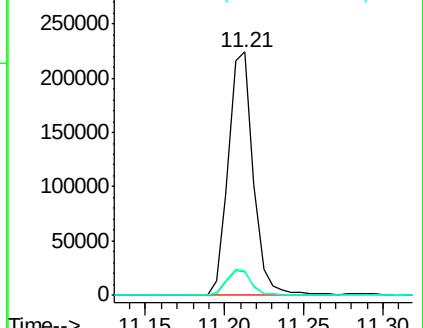
80 10.2 10.2 15.2



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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

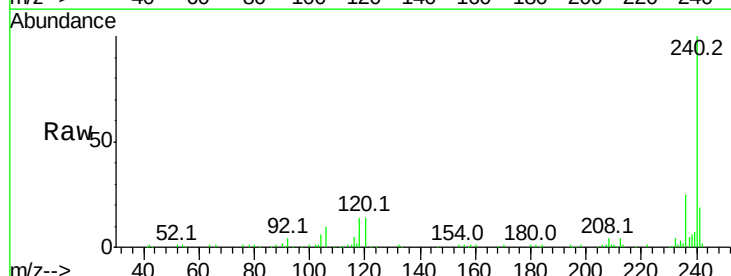
Tgt Ion:240 Resp: 185605

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

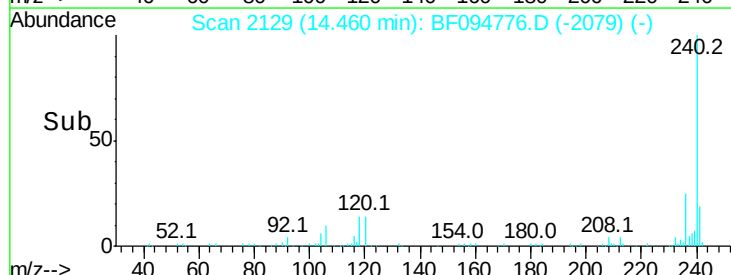
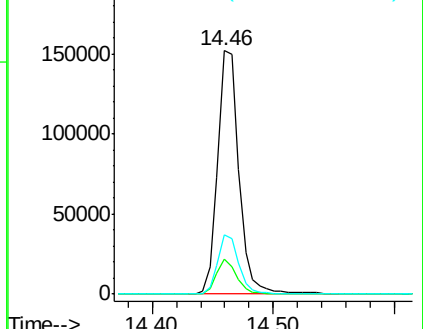
236 24.5 20.5 30.7

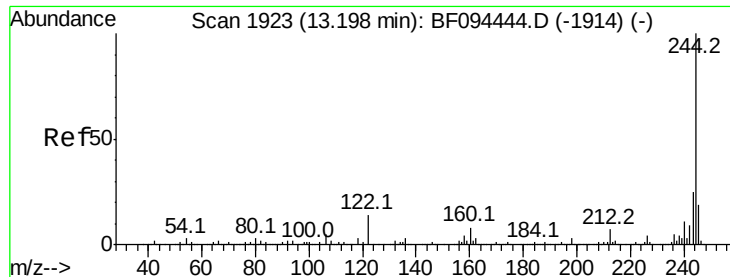


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

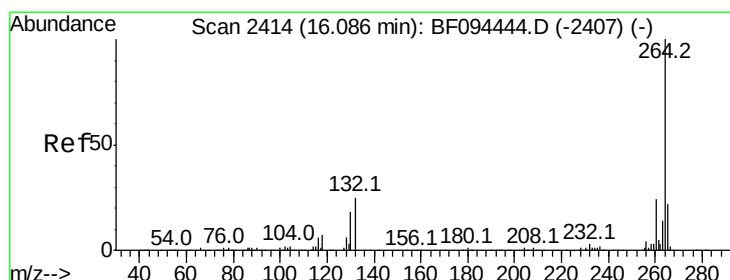
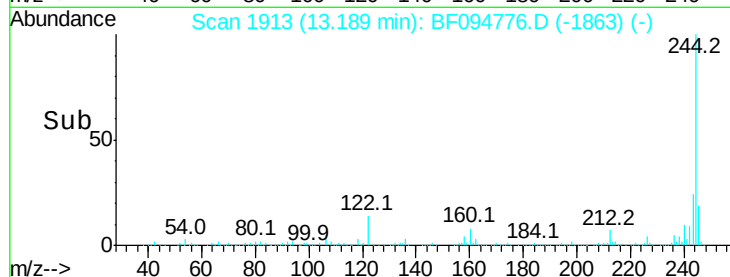
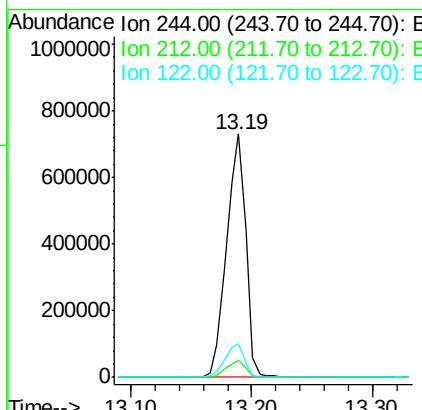
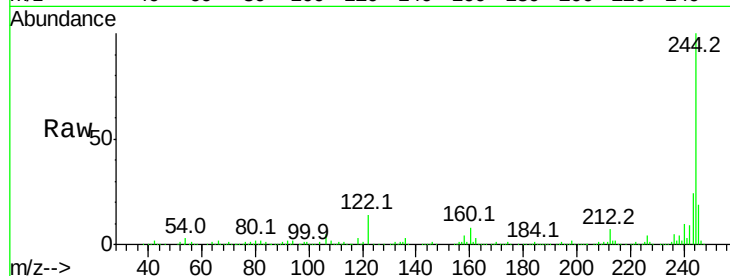




#78
 Terphenyl-d14
 Concen: 116.20 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMP

Tot Ion:244 Resp: 806859
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Tgt Ion:264 Resp: 149172
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.7 17.2 25.8

