

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093823.D
 Acq On : 22 Mar 2017 8:13
 Operator : SJ/MA
 Sample : I2329-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031617-PRRT-F-D-M

Quant Time: Mar 22 08:34:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

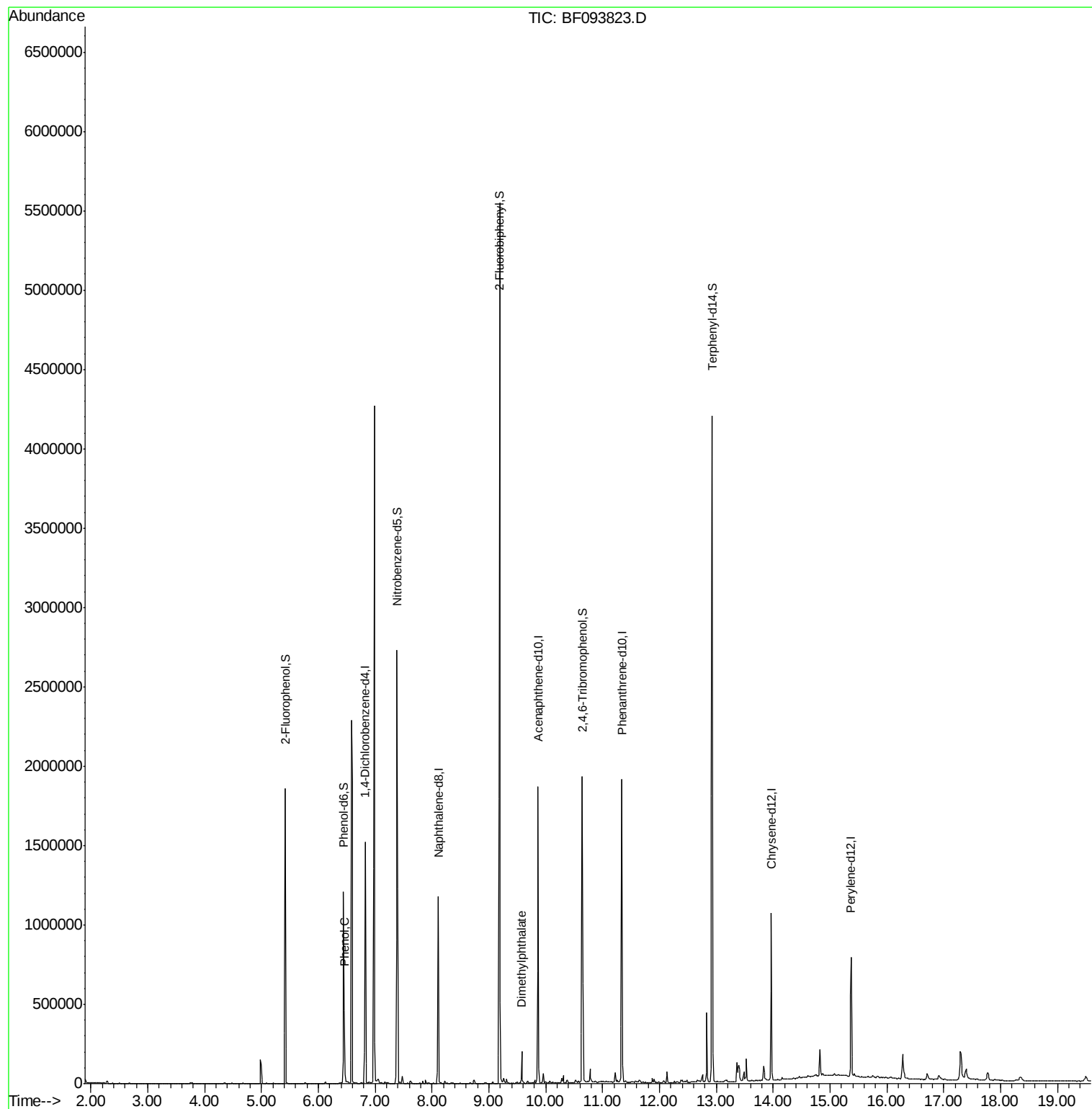
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	213292	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	847854	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	403339	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	640711	20.00	ng	0.00
75) Chrysene-d12	13.97	240	413978	20.00	ng	0.00
86) Perylene-d12	15.37	264	353159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	490540	40.22	ng	0.00
7) Phenol-d6	6.45	99	384645	25.52	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1157510	77.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	239439	76.64	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	1879424	78.35	ng	0.00
78) Terphenyl-d14	12.93	244	1354667	66.72	ng	0.00
Target Compounds						
10) Phenol	6.46	94	76568	4.52	ng	95
49) Dimethylphthalate	9.58	163	77791	2.71	ng	98

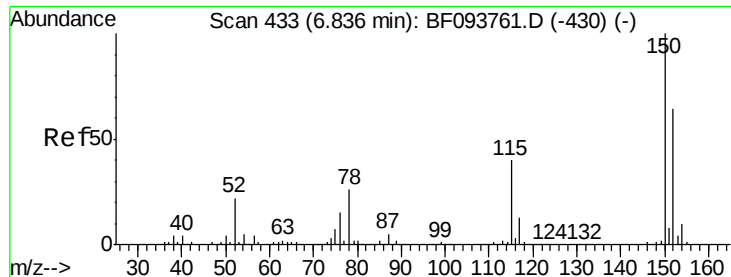
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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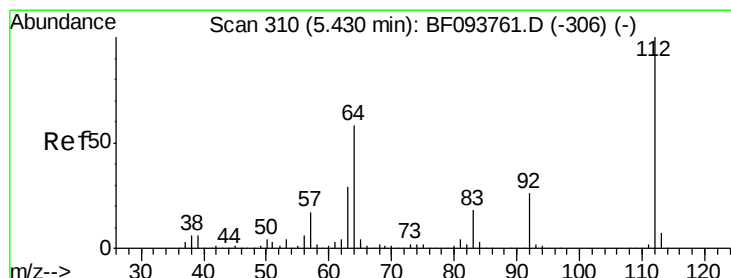
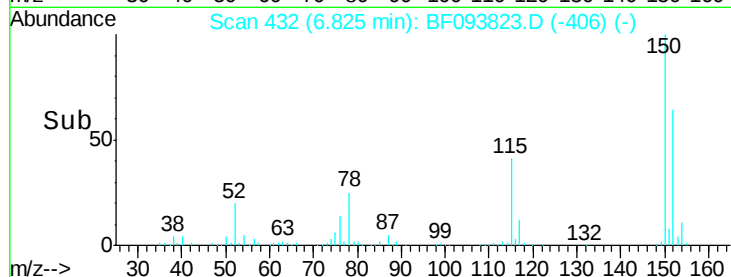
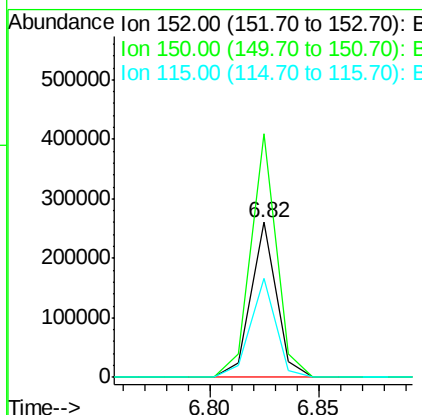
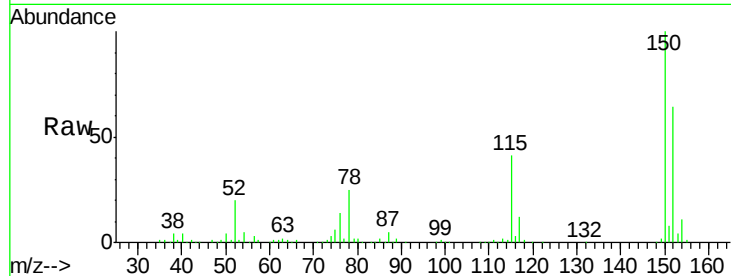




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF093823.D
 Acq: 22 Mar 2017 8:13

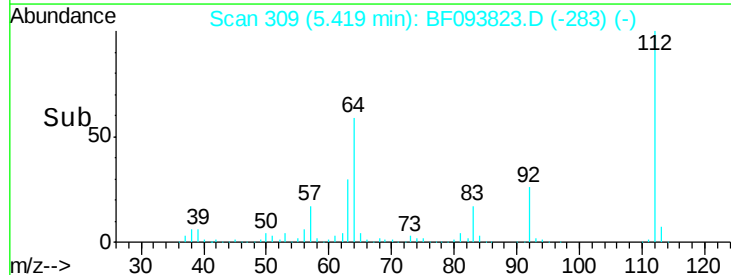
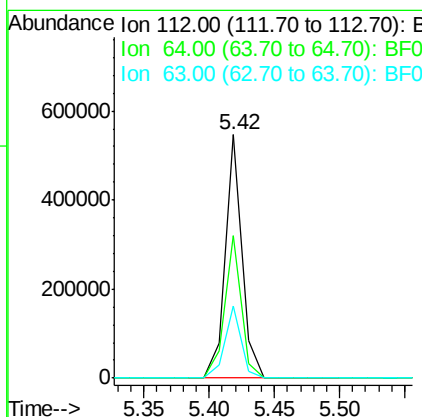
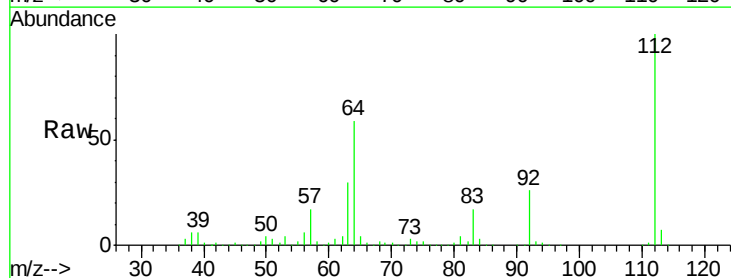
Instrument :
 BNA_F
 ClientSampleId :
 031617-PRRT-F-D-M

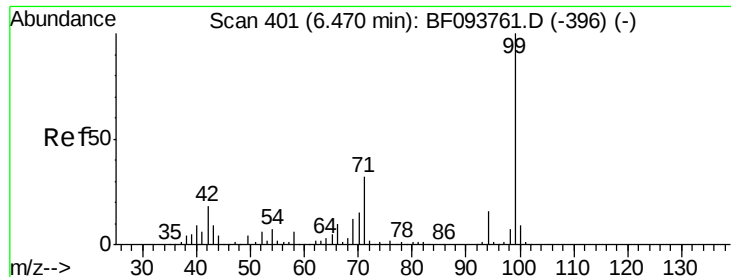
Tgt Ion:152 Resp: 213292
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.2 189.2
 115 63.9 52.2 78.2



#5
 2-Fluorophenol
 Concen: 40.22 ng
 RT: 5.42 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BF093823.D
 Acq: 22 Mar 2017 8:13

Tgt Ion:112 Resp: 490540
 Ion Ratio Lower Upper
 112 100
 64 58.7 46.0 69.0
 63 29.8 23.4 35.0





#7

Phenol-d6

Concen: 25.52 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093823.D

Acq: 22 Mar 2017 8:13

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-D-M

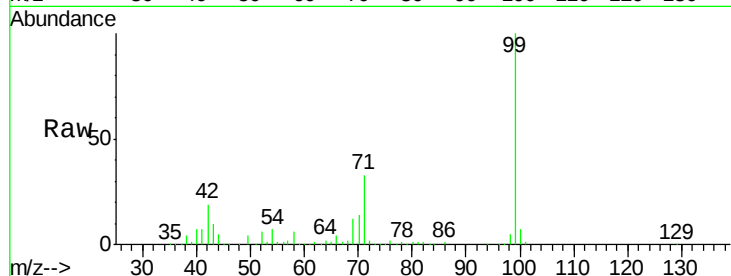
Tgt Ion: 99 Resp: 384645

Ion Ratio Lower Upper

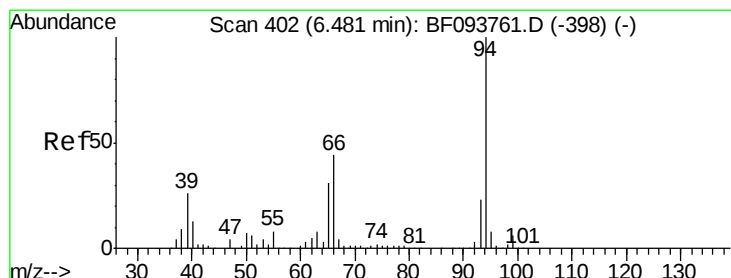
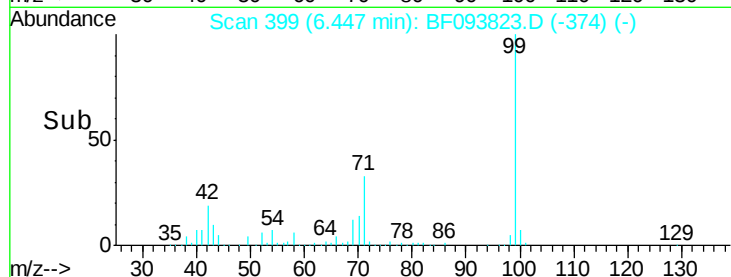
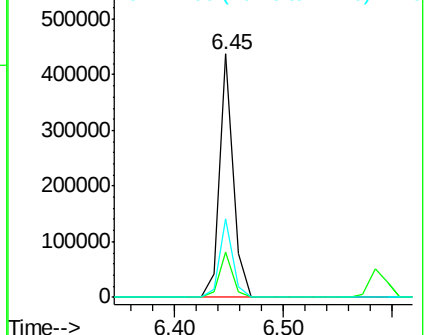
99 100

42 18.8 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



#10

Phenol

Concen: 4.52 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF093823.D

Acq: 22 Mar 2017 8:13

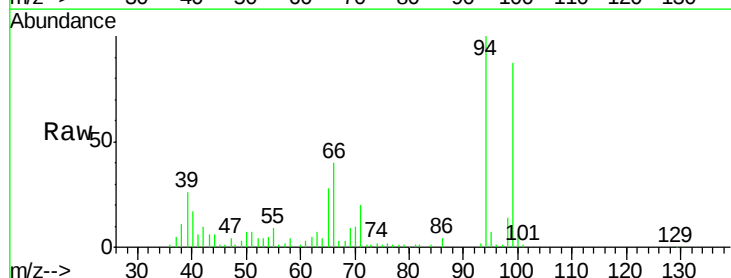
Tgt Ion: 94 Resp: 76568

Ion Ratio Lower Upper

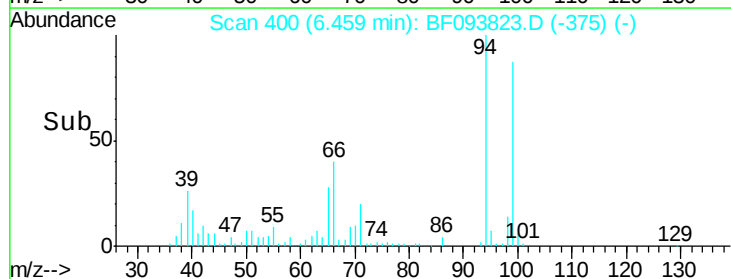
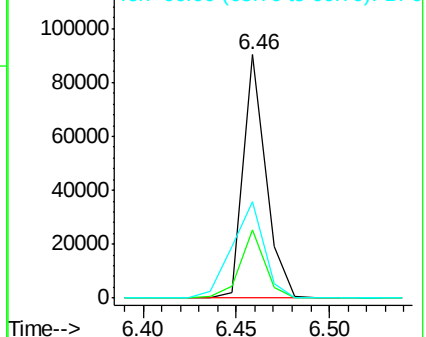
94 100

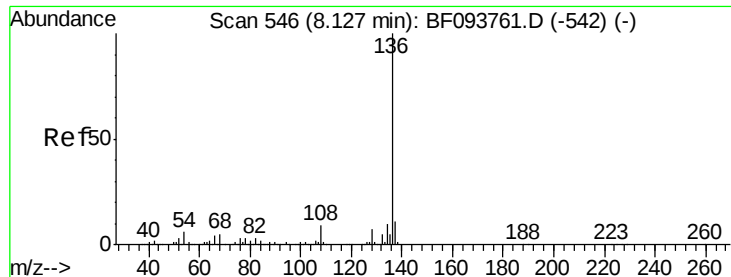
65 28.2 9.9 49.9

66 39.5 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: 8.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF093823.D

Acq: 22 Mar 2017 8:13

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-D-M

Tgt Ion:136 Resp: 847854

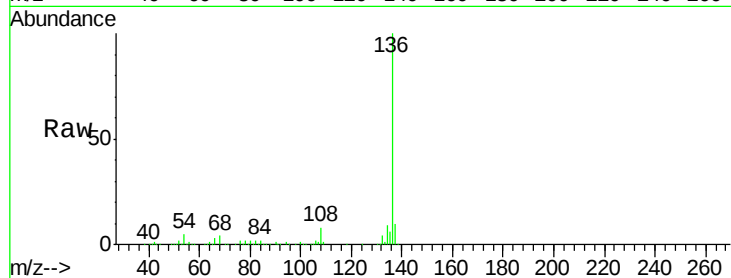
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 4.7 4.9 7.3#

68 4.4 4.1 6.1

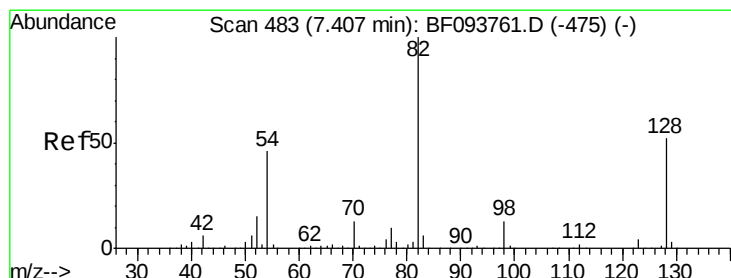
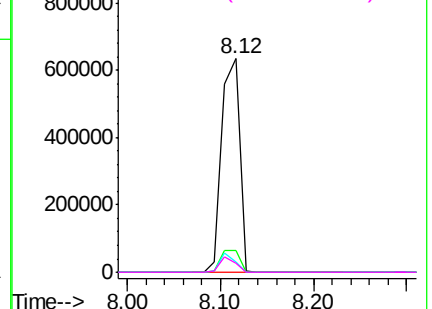
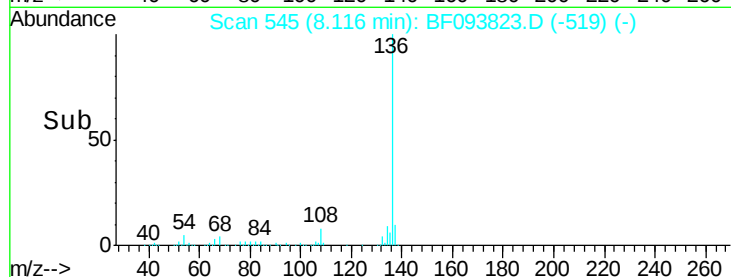


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.45 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093823.D

Acq: 22 Mar 2017 8:13

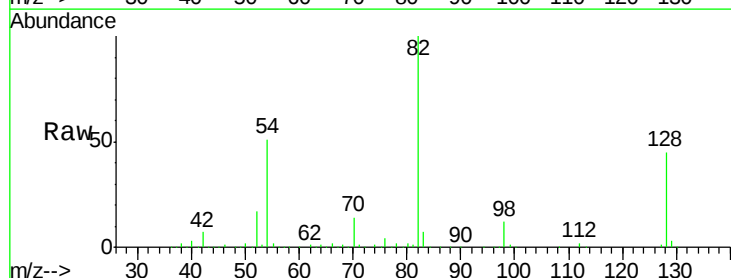
Tgt Ion: 82 Resp: 1157510

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

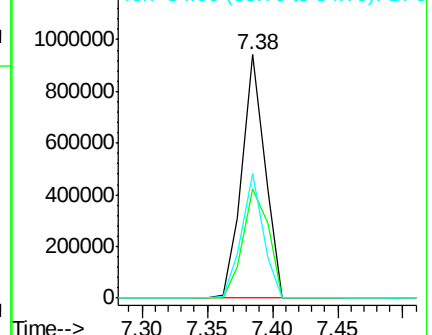
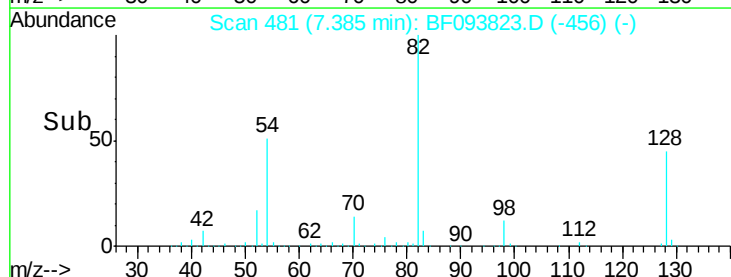
54 51.2 42.2 63.2

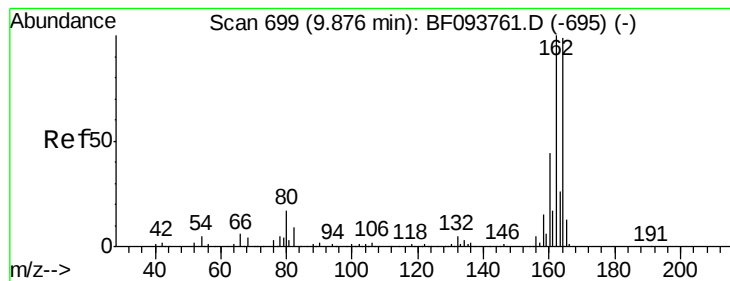


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.86 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF093823.D

Acq: 22 Mar 2017 8:13

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-D-M

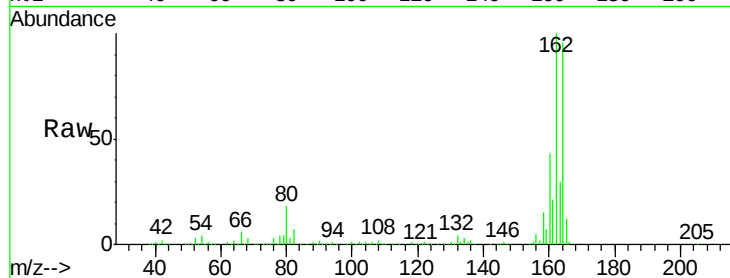
Tgt Ion:164 Resp: 403339

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

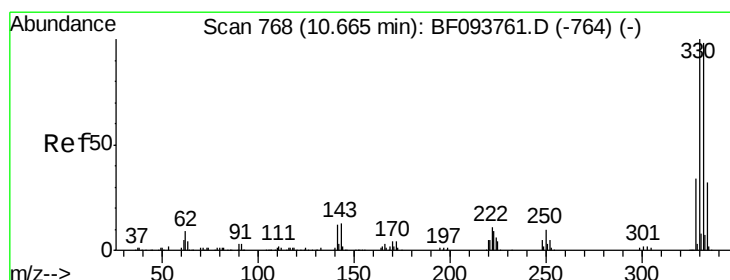
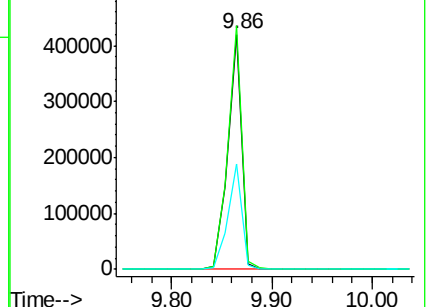
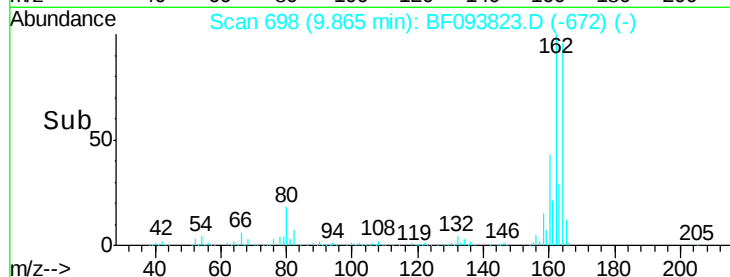
160 45.1 36.2 54.2



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: 76.64 ng

RT: 10.64 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF093823.D

Acq: 22 Mar 2017 8:13

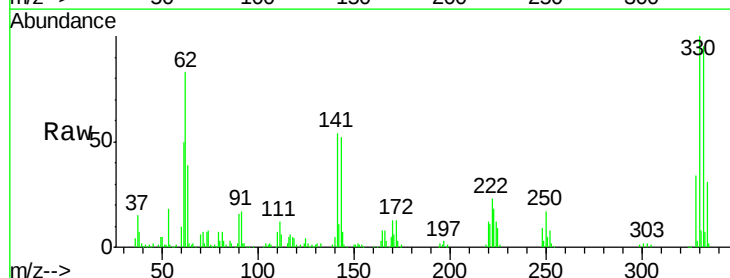
Tgt Ion:330 Resp: 239439

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

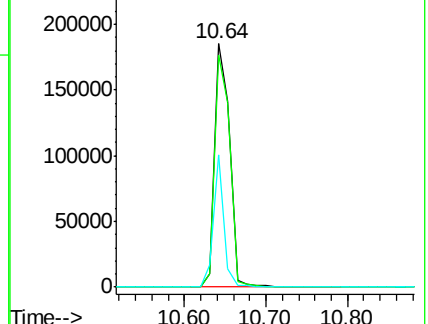
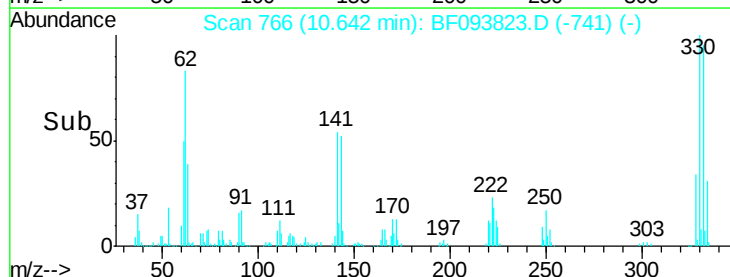
141 38.8 31.4 47.2

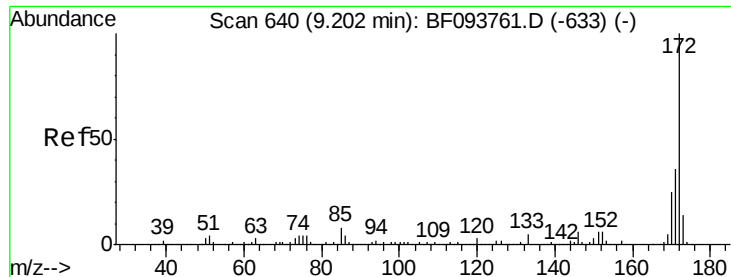


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

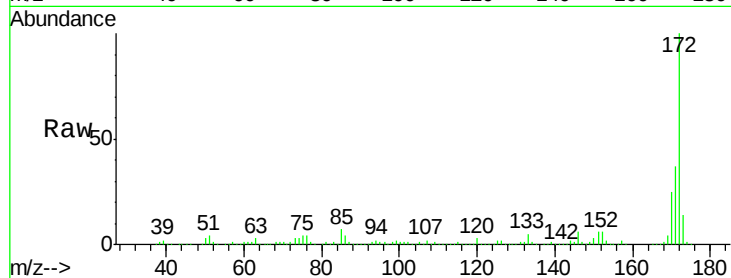




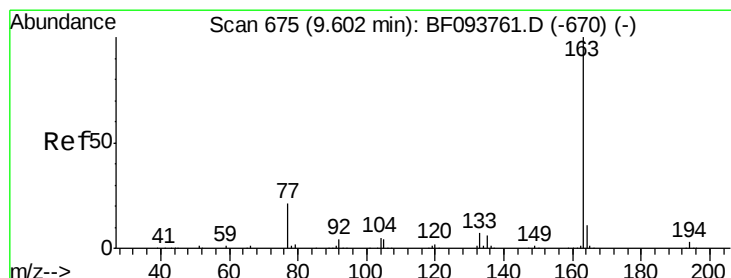
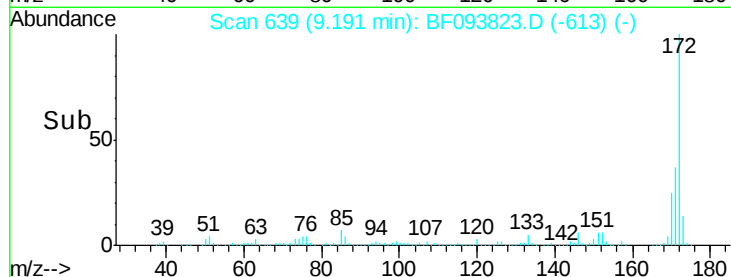
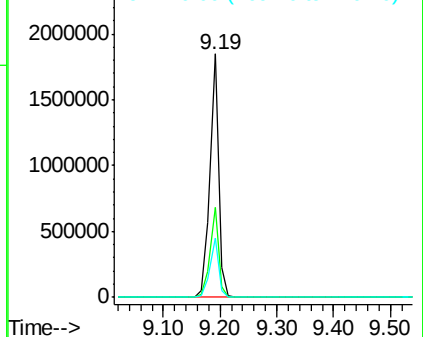
#44
 2-Fluorobiphenyl
 Concen: 78.35 ng
 RT: 9.19 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF093823.D
 Acq: 22 Mar 2017 8:13

Instrument :
 BNA_F
 ClientSampleId :
 031617-PRRT-F-D-M

Tgt Ion:172 Resp: 1879424
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.6 19.8 29.8

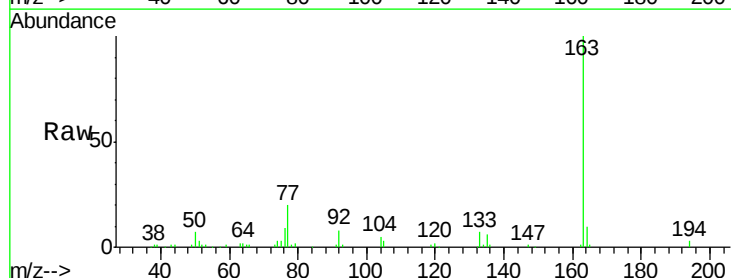


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

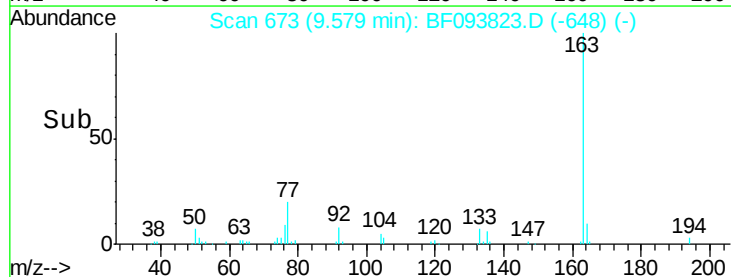
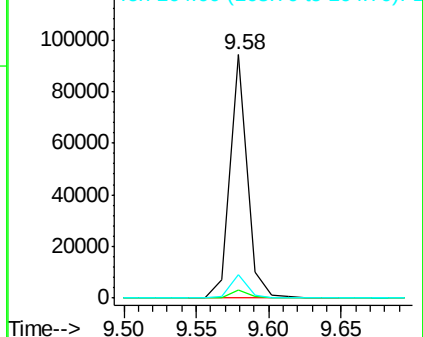


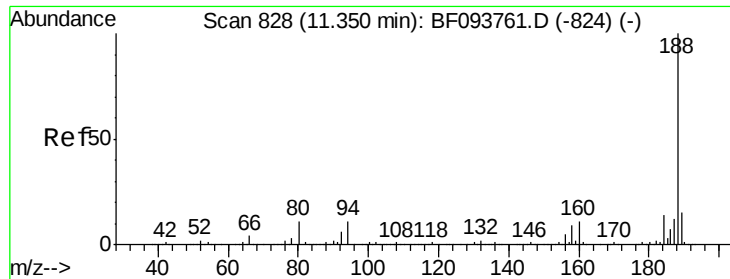
#49
 Dimethylphthalate
 Concen: 2.71 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF093823.D
 Acq: 22 Mar 2017 8:13

Tgt Ion:163 Resp: 77791
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.6 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

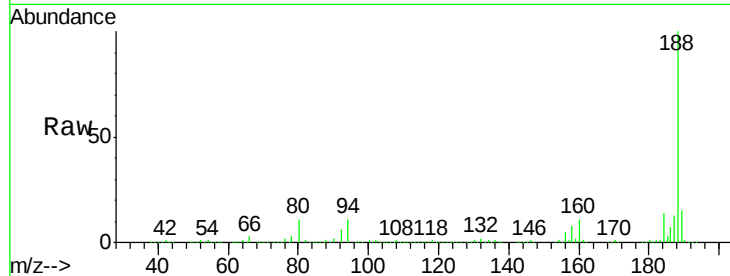




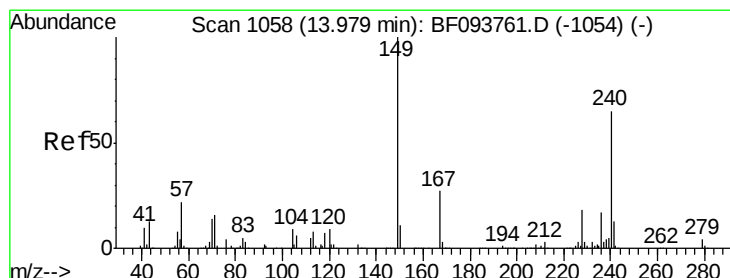
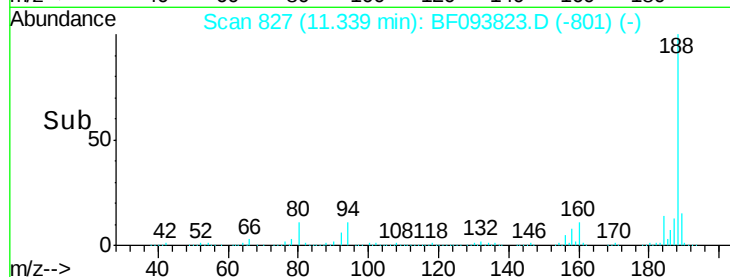
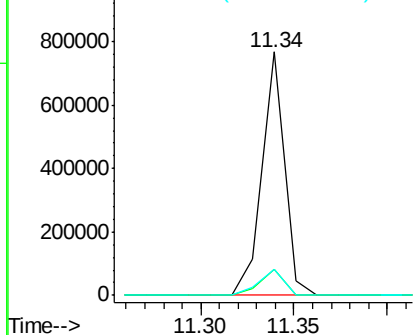
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF093823.D
Acq: 22 Mar 2017 8:13

Instrument :
BNA_F
ClientSampleId :
031617-PRRT-F-D-M

Tgt Ion:188 Resp: 640711
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.2

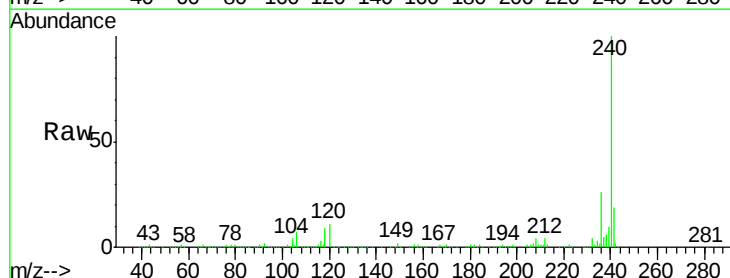


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

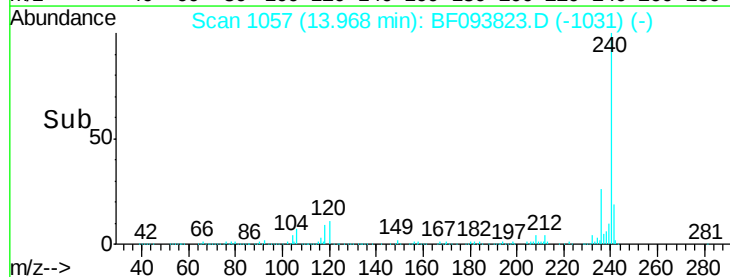
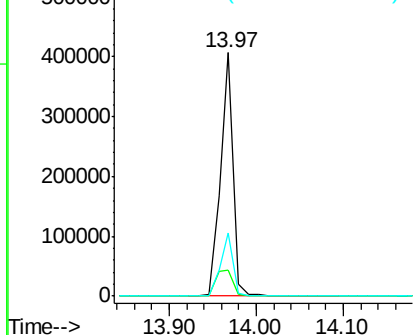


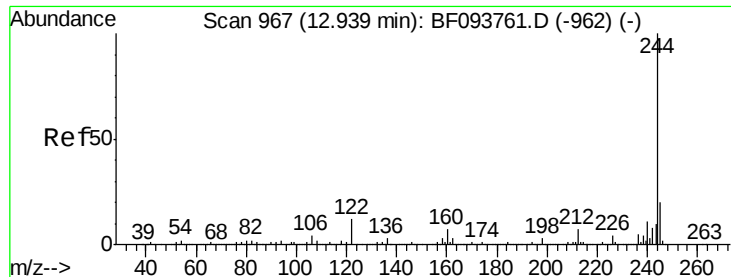
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF093823.D
Acq: 22 Mar 2017 8:13

Tgt Ion:240 Resp: 413978
Ion Ratio Lower Upper
240 100
120 10.5 5.8 8.8#
236 26.2 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

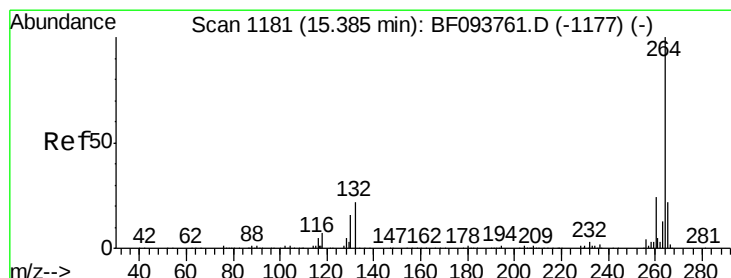
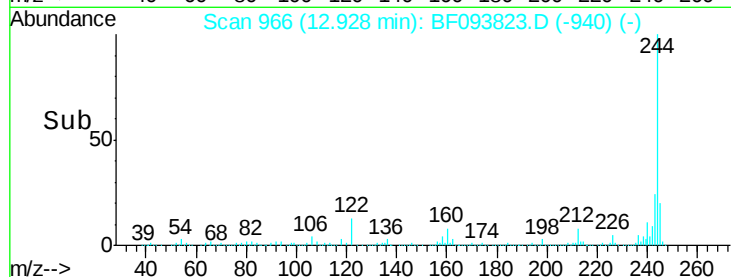
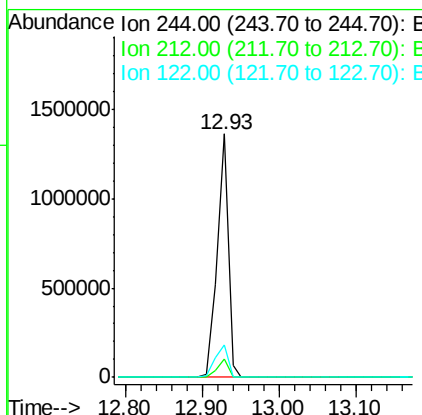
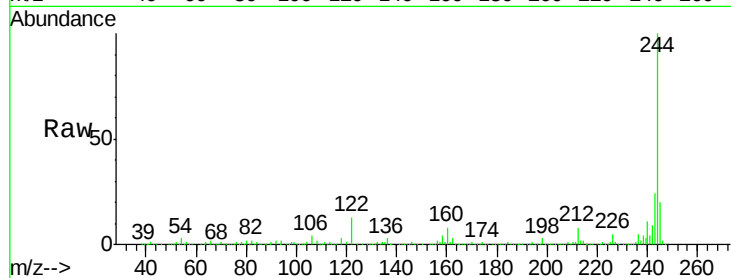




#78
 Terphenyl-d14
 Concen: 66.72 ng
 RT: 12.93 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF093823.D
 Acq: 22 Mar 2017 8:13

Instrument :
 BNA_F
 ClientSampleId :
 031617-PRRT-F-D-M

Tgt Ion:244 Resp: 1354667
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF093823.D
 Acq: 22 Mar 2017 8:13

Tgt Ion:264 Resp: 353159
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.1 17.2 25.8

