

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094334.D
 Acq On : 11 Apr 2017 3:11
 Operator : SJ/MA
 Sample : I2601-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-58-S1(0-2)

Quant Time: Apr 11 04:13:43 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

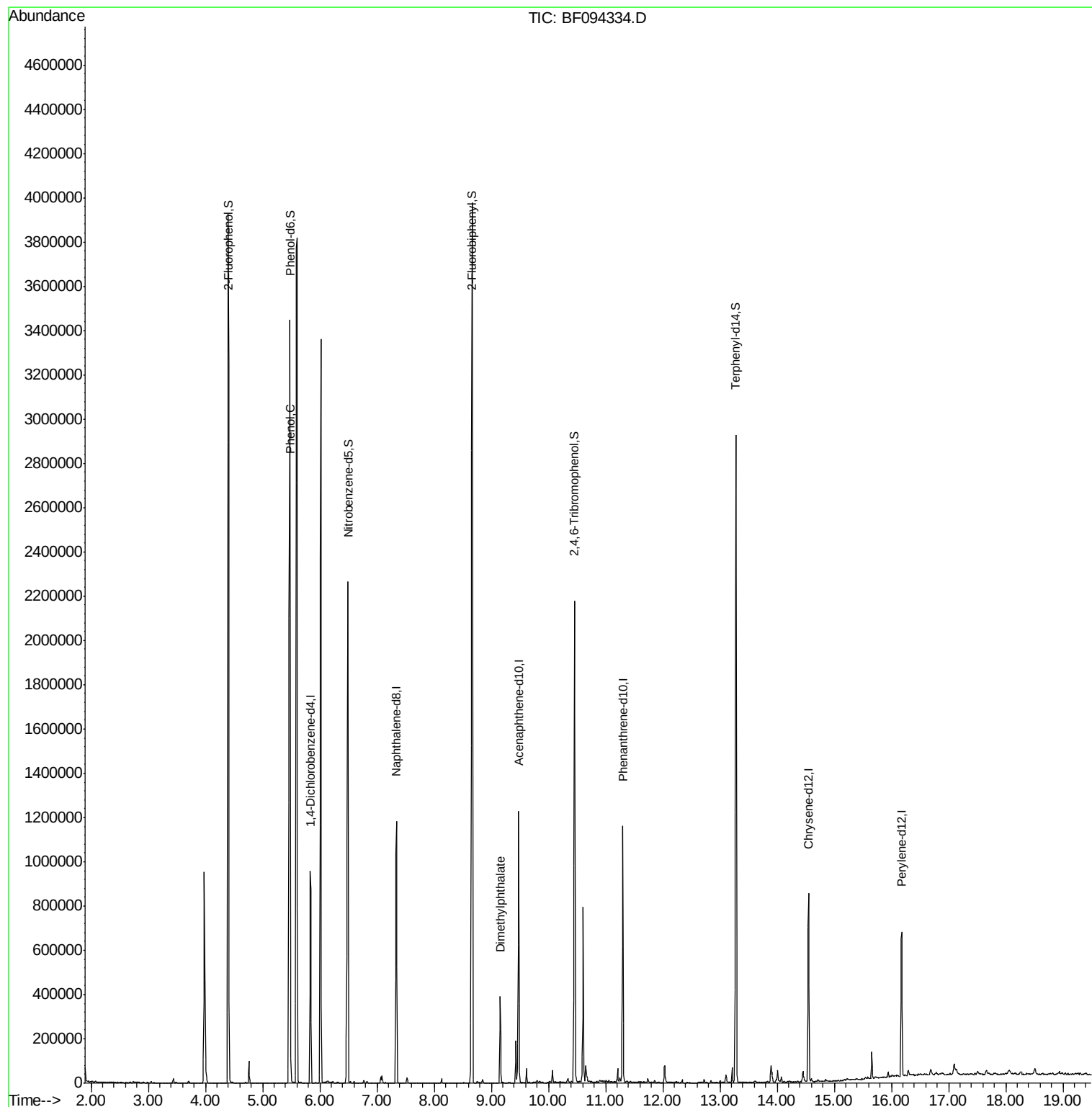
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	160958	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	630032	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	271043	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	451116	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	316393	20.00	ng	-0.02
86) Perylene-d12	16.18	264	263257	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1309680	137.43	ng	0.01
7) Phenol-d6	5.47	99	1680591	142.55	ng	0.01
23) Nitrobenzene-d5	6.49	82	1038421	94.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	313528	146.38	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1666669	93.79	ng	-0.02
78) Terphenyl-d14	13.28	244	1161549	82.29	ng	-0.02
Target Compounds						
10) Phenol	5.49	94	104138	7.76	ng	87
49) Dimethylphthalate	9.16	163	163561	8.49	ng	99

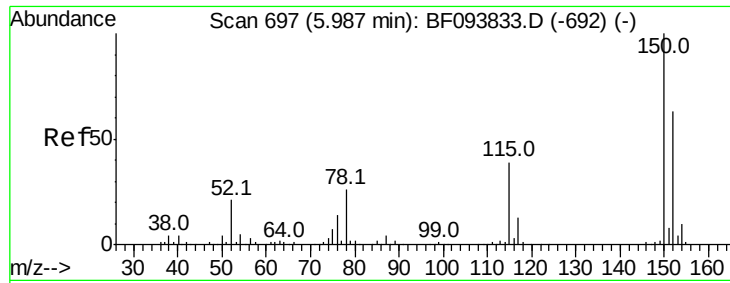
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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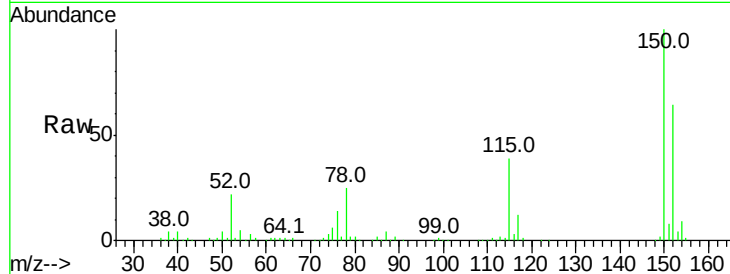


#1

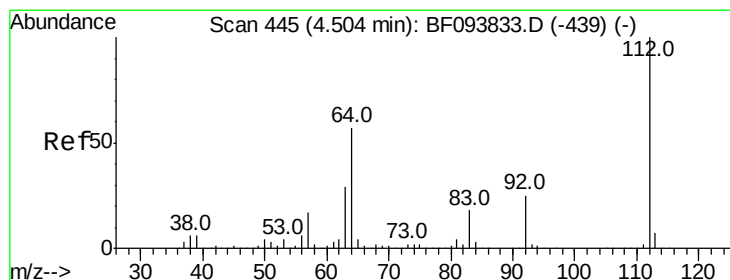
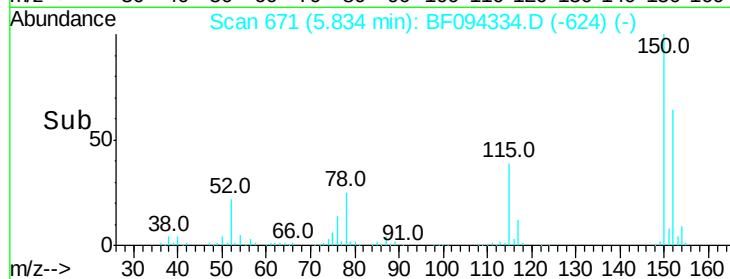
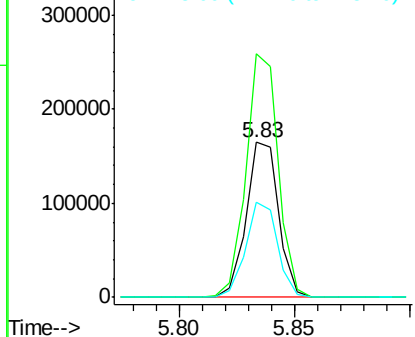
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

Instrument :
 BNA_F
 ClientSampleId :
 B-58-S1(0-2)

Tot Ion:152 Resp: 160958
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 61.7 52.2 78.2



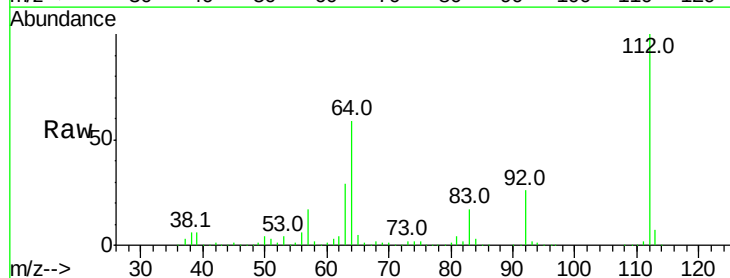
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



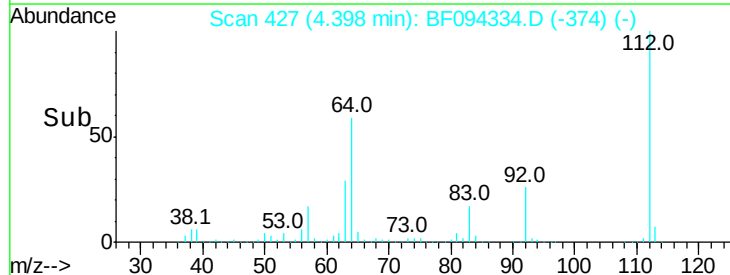
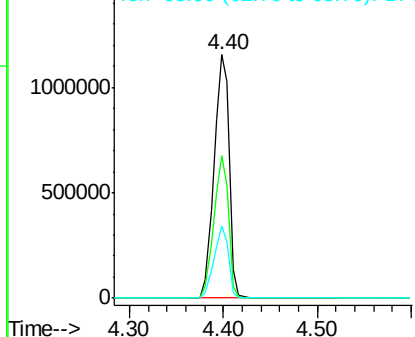
#5

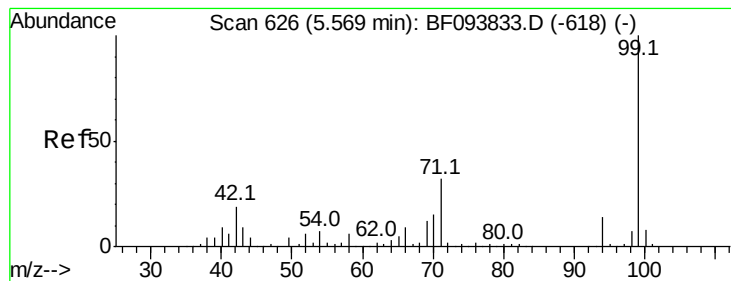
2-Fluorophenol
 Concen: 137.43 ng
 RT: 4.40 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

Tgt Ion:112 Resp: 1309680
 Ion Ratio Lower Upper
 112 100
 64 58.5 46.0 69.0
 63 29.5 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: 142.55 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094334.D

Acq: 11 Apr 2017 3:11

Instrument :

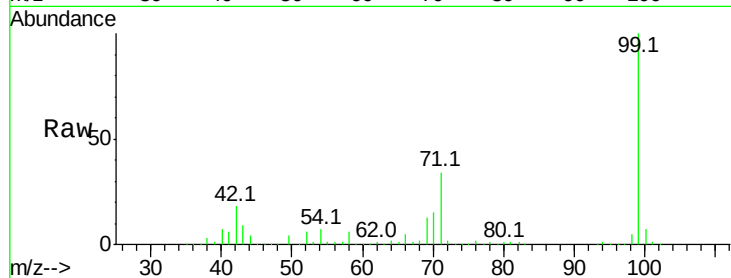
BNA_F

ClientSampleId :

B-58-S1(0-2)

Tot Ion: 99 Resp: 1680591

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.8	24.5	36.7

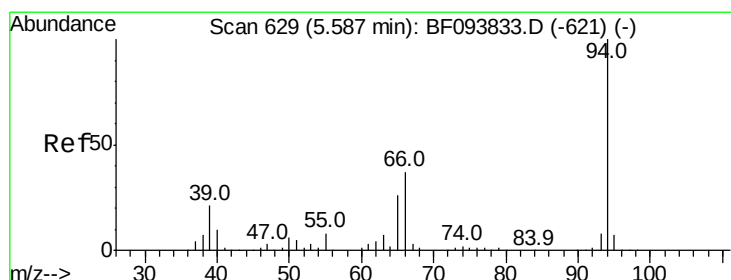
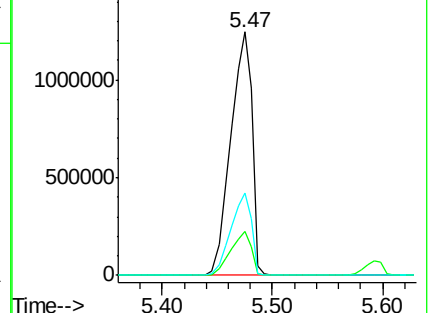
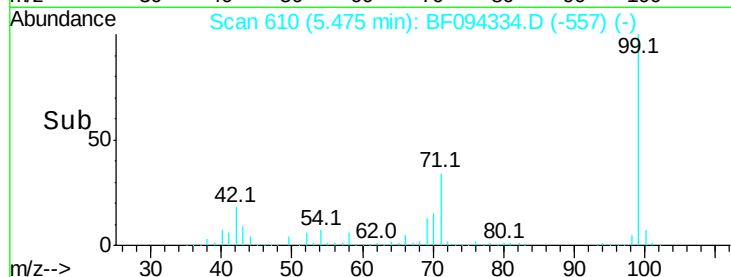


Abundance

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: 7.76 ng

RT: 5.49 min Scan# 612

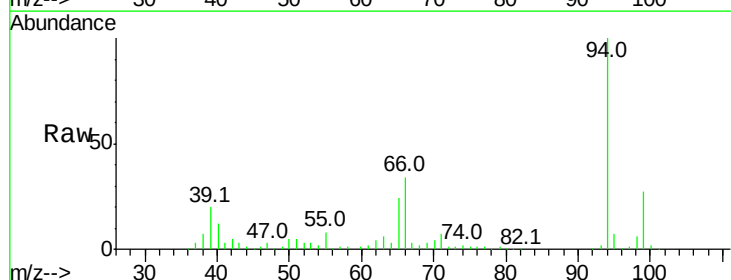
Delta R.T. 0.01 min

Lab File: BF094334.D

Acq: 11 Apr 2017 3:11

Tgt Ion: 94 Resp: 104138

Ion	Ratio	Lower	Upper
94	100		
65	24.2	9.9	49.9
66	33.7	23.1	63.1

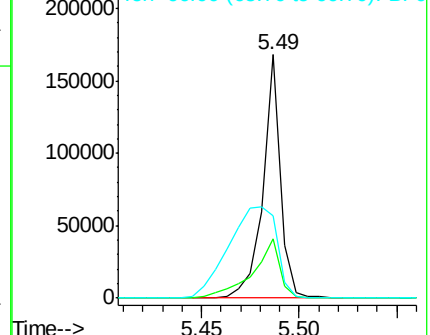
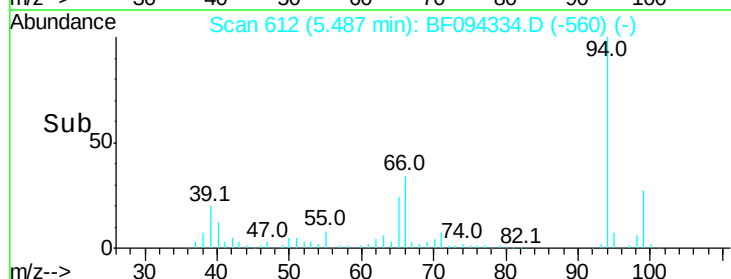


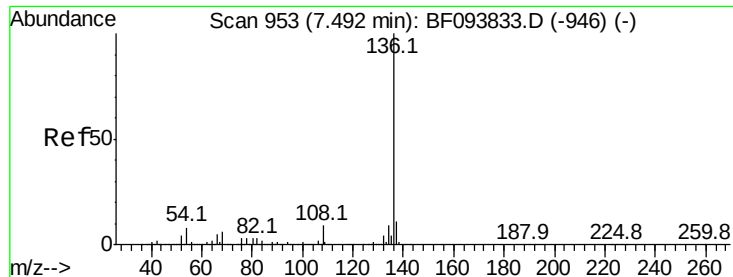
Abundance

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

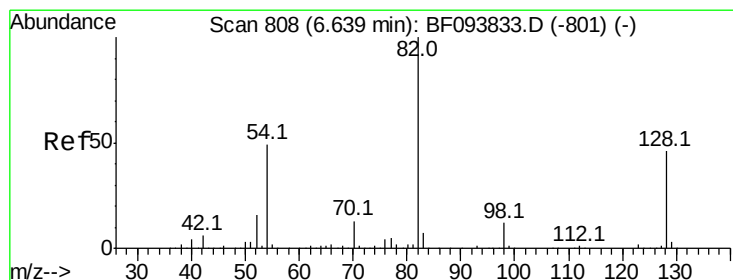
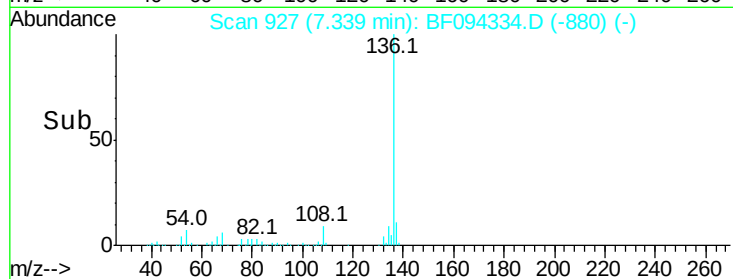
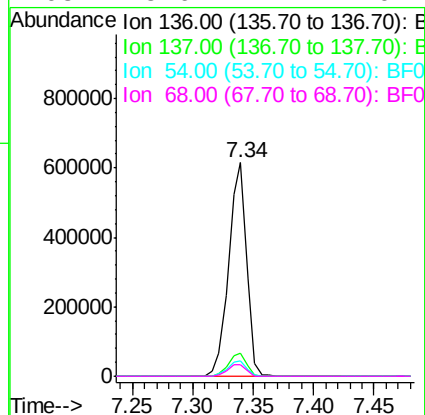
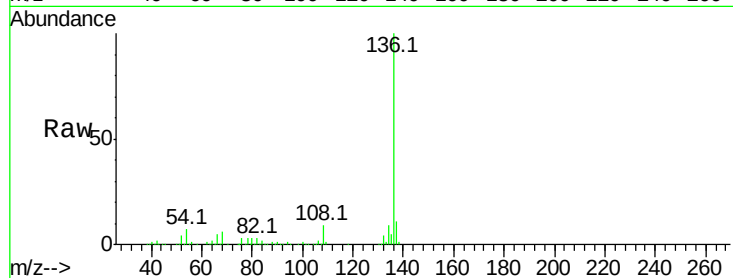




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094334.D
Acq: 11 Apr 2017 3:11

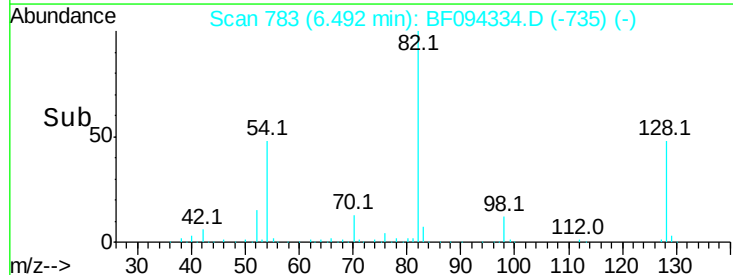
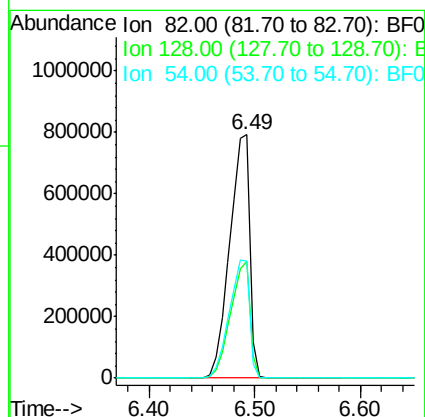
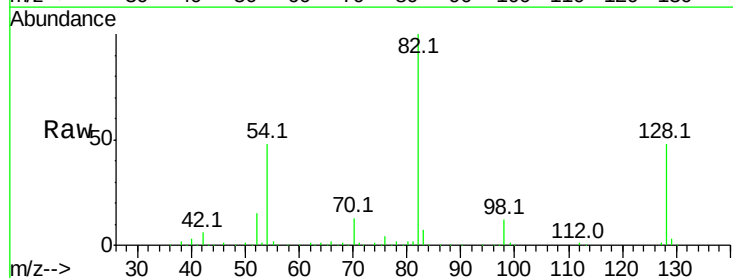
Instrument :
BNA_F
ClientSampleId :
B-58-S1(0-2)

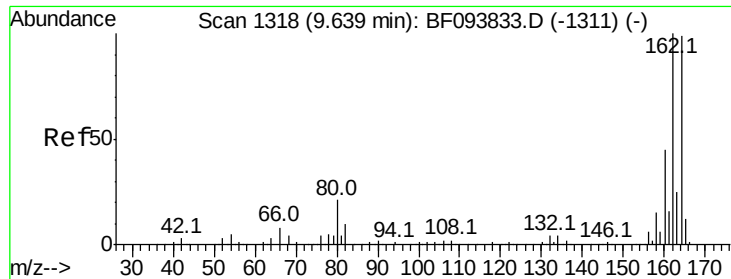
Tot Ion:	136	Resp:	630032
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	4.9	7.3
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 94.06 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094334.D
Acq: 11 Apr 2017 3:11

Tgt Ion:	82	Resp:	1038421
Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	47.8	42.2	63.2

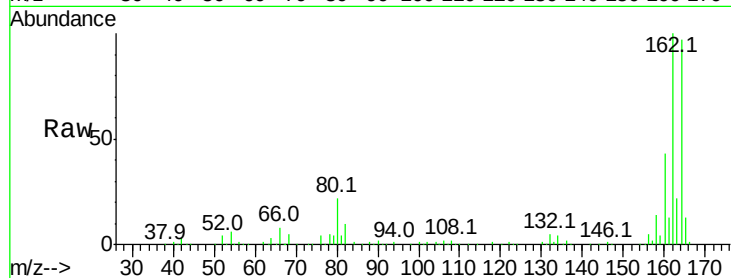




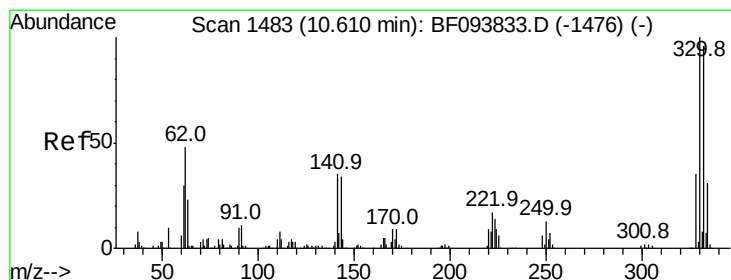
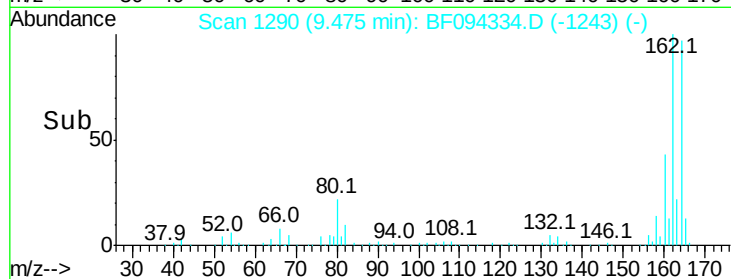
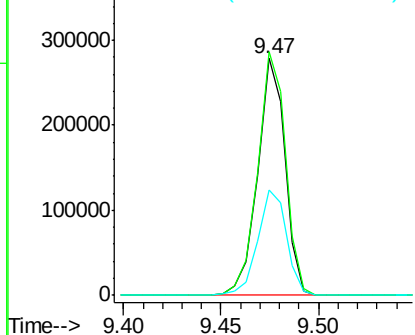
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF094334.D
Acq: 11 Apr 2017 3:11

Instrument :
BNA_F
ClientSampleId :
B-58-S1(0-2)

Tot Ion:164 Resp: 271043
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 44.3 36.2 54.2

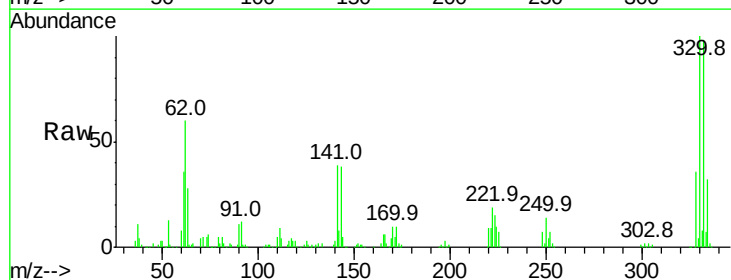


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

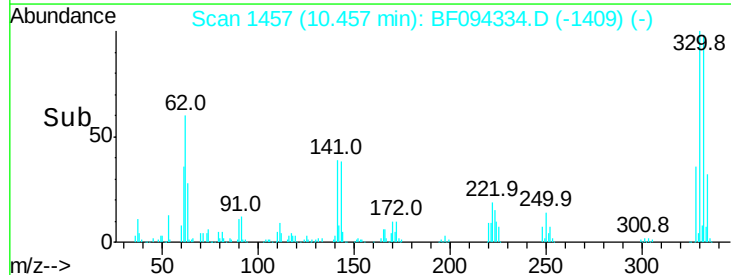
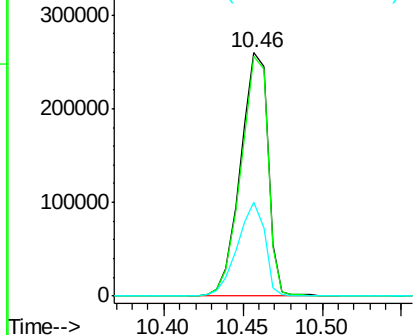


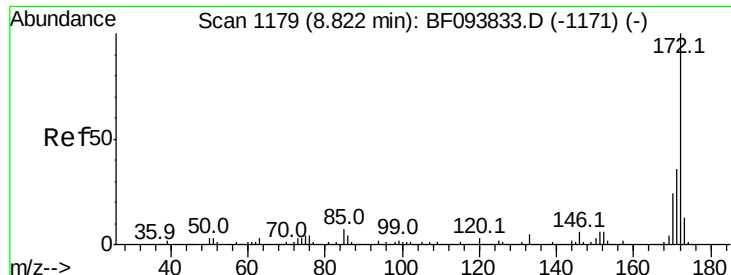
#41
2,4,6-Tribromophenol
Concen: 146.38 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF094334.D
Acq: 11 Apr 2017 3:11

Tgt Ion:330 Resp: 313528
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 38.3 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

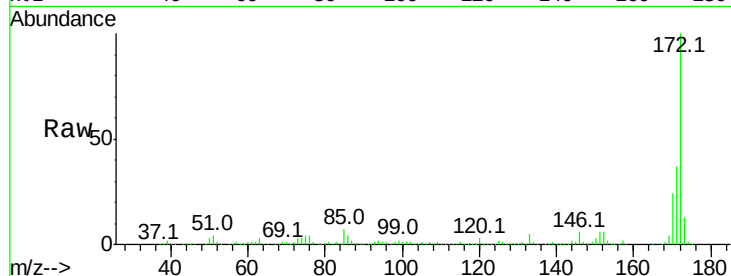




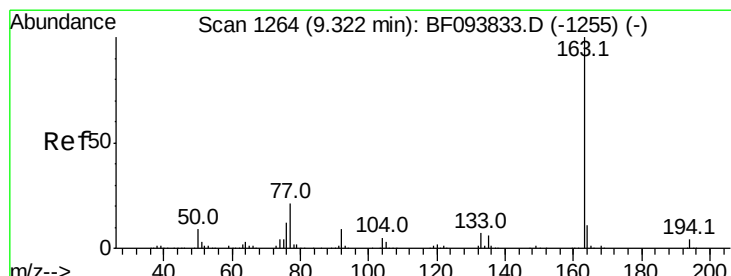
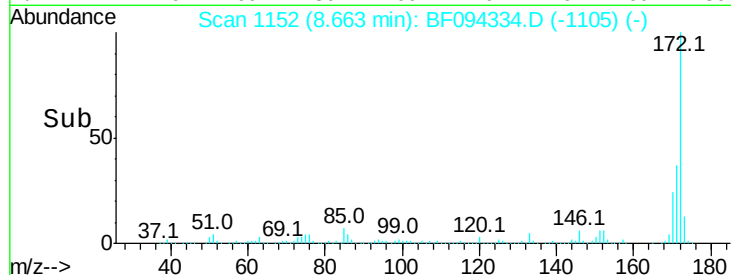
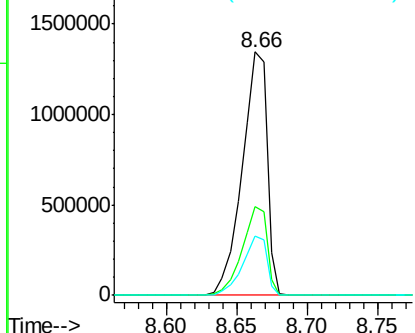
#44
2-Fluorobiphenyl
Concen: 93.79 ng
RT: 8.66 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF094334.D
Acq: 11 Apr 2017 3:11

Instrument :
BNA_F
ClientSampleId :
B-58-S1(0-2)

Tot Ion:172 Resp: 1666669
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.2 19.8 29.8

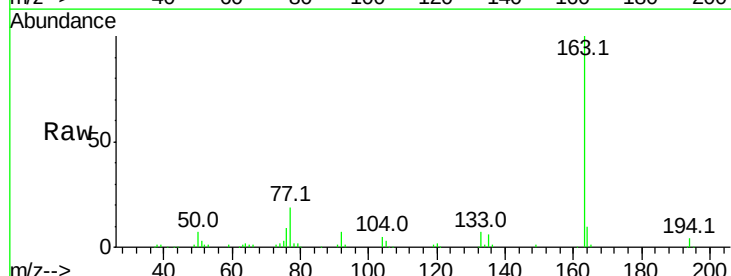


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

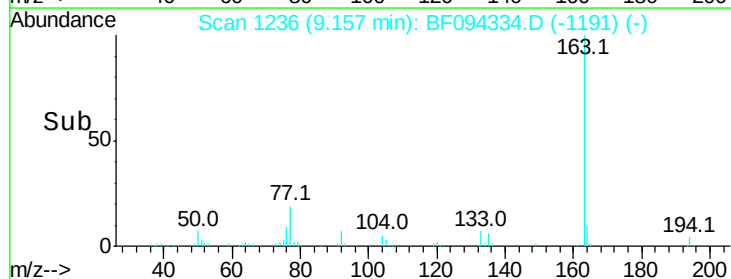
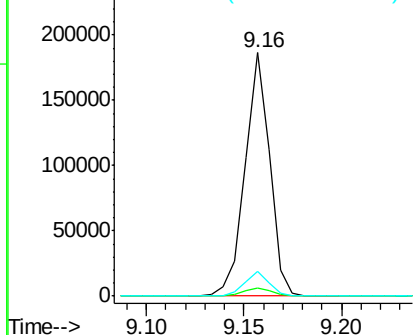


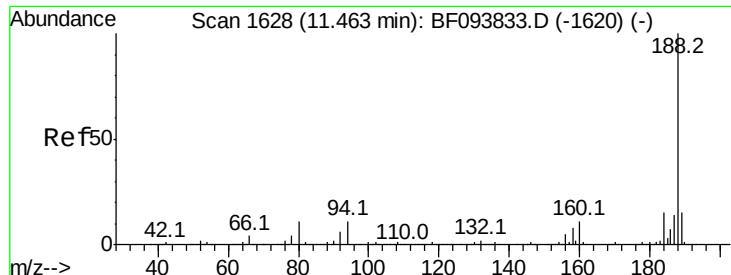
#49
Dimethylphthalate
Concen: 8.49 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094334.D
Acq: 11 Apr 2017 3:11

Tgt Ion:163 Resp: 163561
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 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: BF094334.D

Acq: 11 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

B-58-S1(0-2)

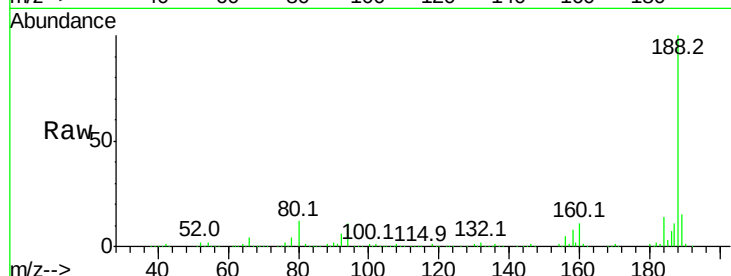
Tot Ion:188 Resp: 451116

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

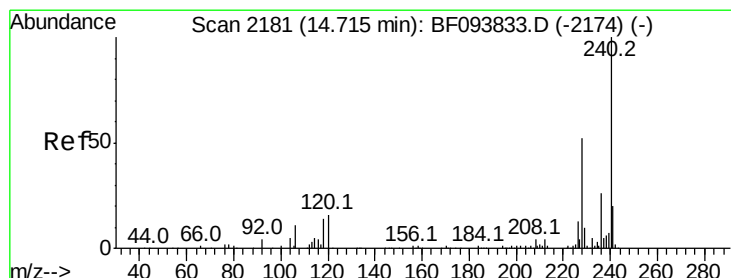
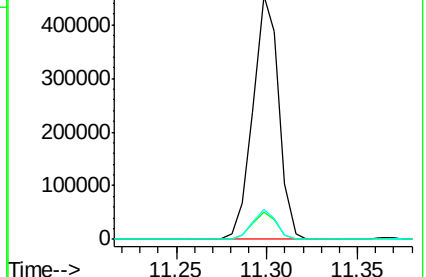
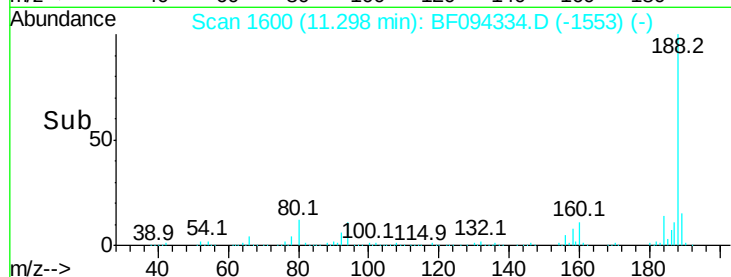
80 12.4 10.2 15.2



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: BF094334.D

Acq: 11 Apr 2017 3:11

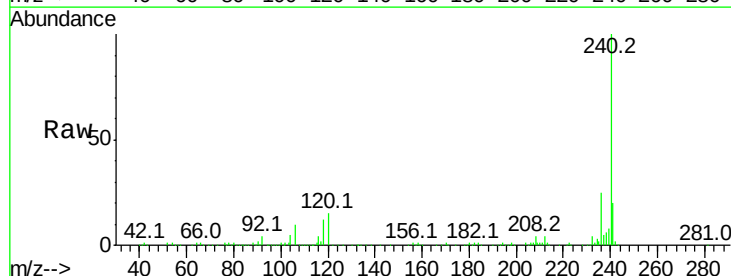
Tgt Ion:240 Resp: 316393

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

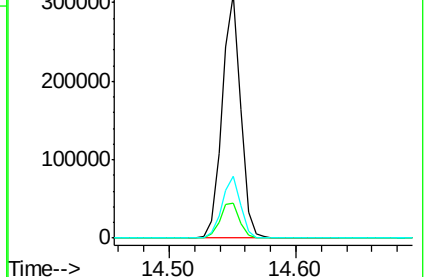
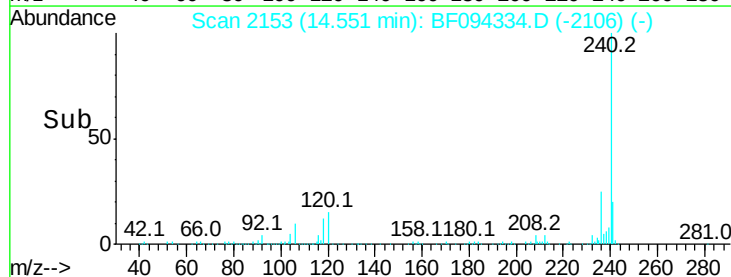
236 25.2 20.5 30.7

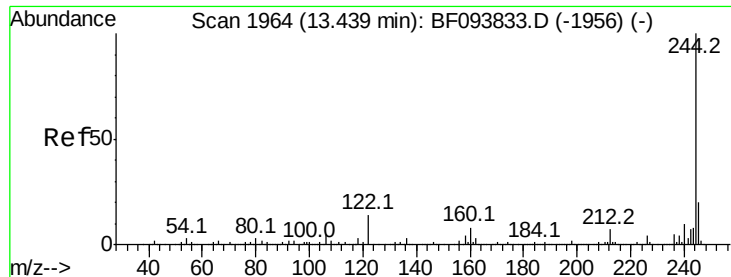


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

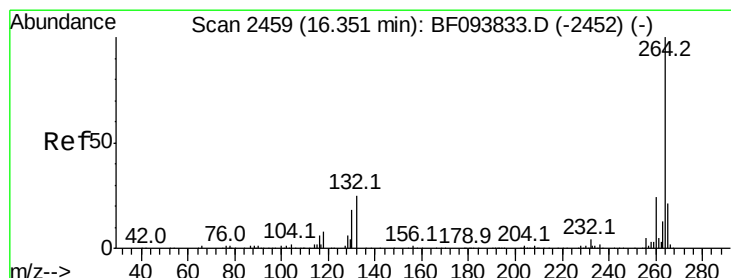
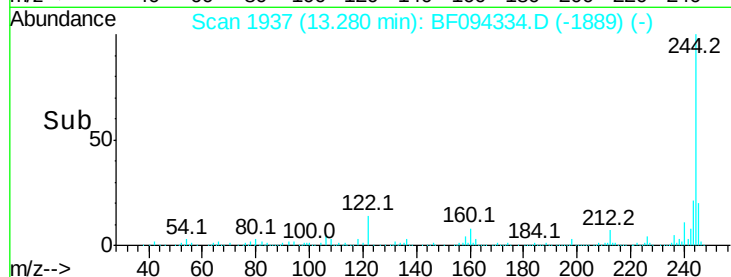
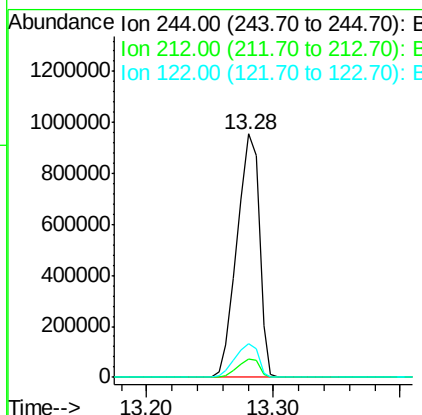
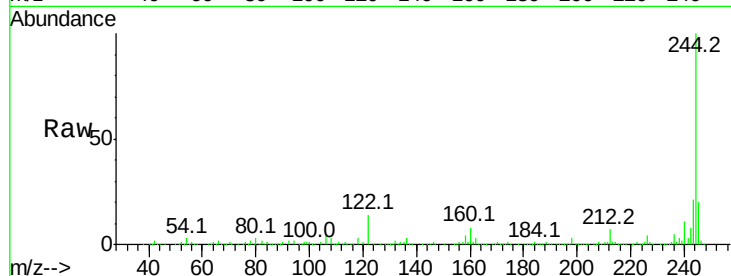




#78
 Terphenyl-d14
 Concen: 82.29 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

Instrument :
 BNA_F
 ClientSampleId :
 B-58-S1(0-2)

Tot Ion:244 Resp: 1161549
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

Tgt Ion:264 Resp: 263257
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.6 17.2 25.8

