

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094096.D
 Acq On : 31 Mar 2017 15:16
 Operator : SJ/MA
 Sample : I2458-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)

Quant Time: Mar 31 23:50:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

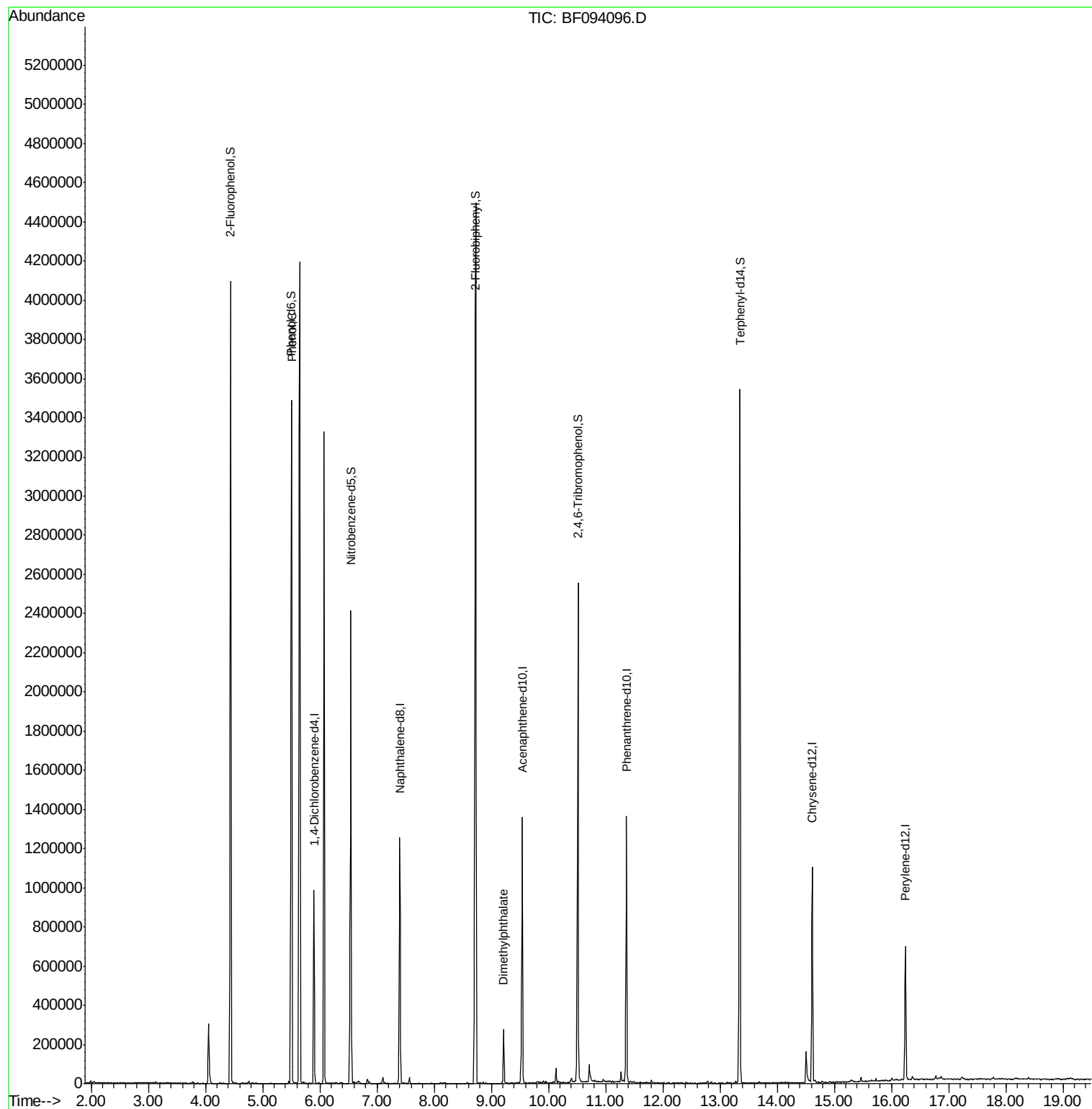
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	167134	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	671784	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	307408	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	537384	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	412747	20.00	ng	-0.01
86) Perylene-d12	16.24	264	276845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1405960	142.08	ng	0.00
7) Phenol-d6	5.51	99	1775333	145.03	ng	0.00
23) Nitrobenzene-d5	6.55	82	1121911	95.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	371137	152.78	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1904391	94.49	ng	0.00
78) Terphenyl-d14	13.35	244	1427798	77.54	ng	0.00
Target Compounds						
10) Phenol	5.52	94	38990	2.80	ng	96
49) Dimethylphthalate	9.22	163	125121	5.73	ng	100

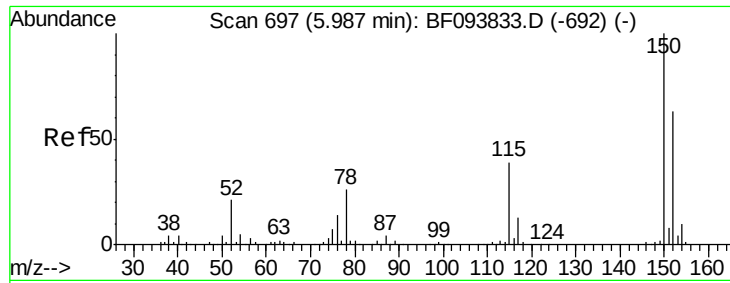
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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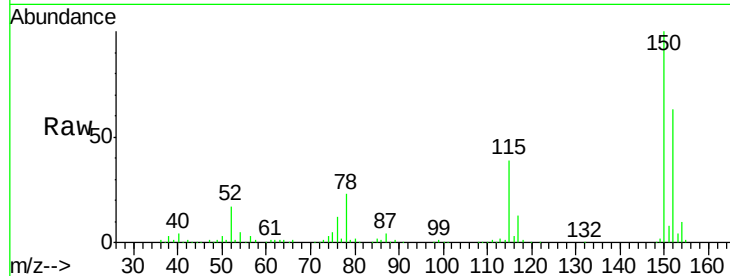


#1

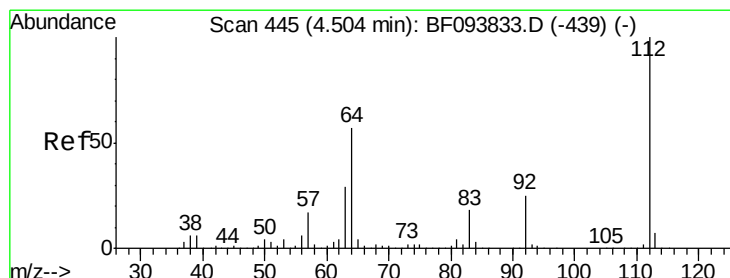
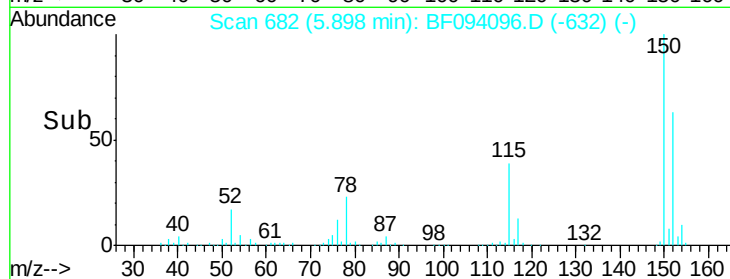
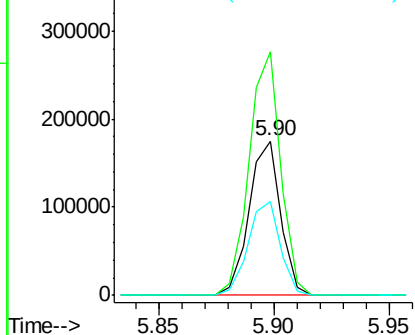
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)

Tot Ion:152 Resp: 167134
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 60.8 52.2 78.2



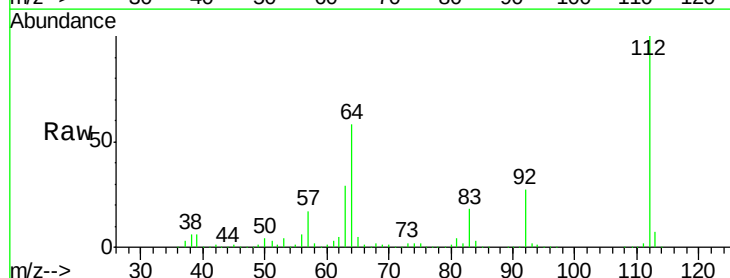
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



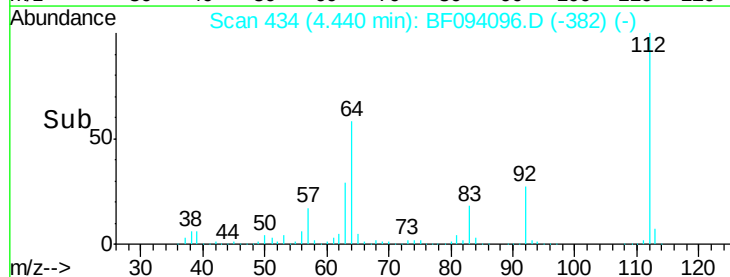
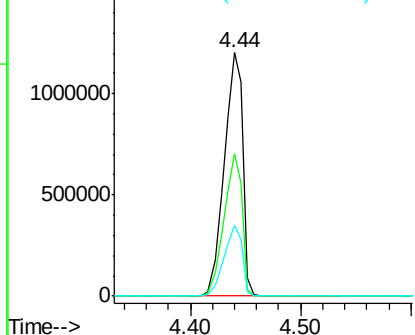
#5

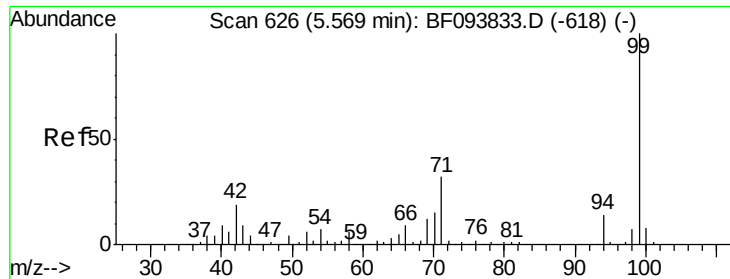
2-Fluorophenol
Concen: 142.08 ng
RT: 4.44 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Tgt Ion:112 Resp: 1405960
Ion Ratio Lower Upper
112 100
64 58.5 46.0 69.0
63 29.2 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: 145.03 ng

RT: 5.51 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF094096.D

Acq: 31 Mar 2017 15:16

Instrument :

BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)

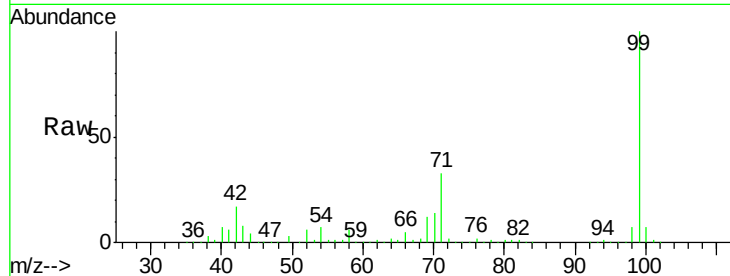
Tot Ion: 99 Resp: 1775333

Ion Ratio Lower Upper

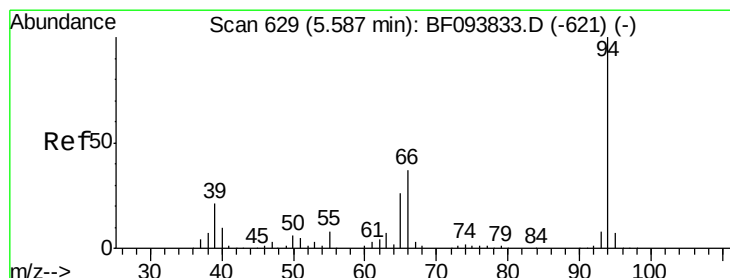
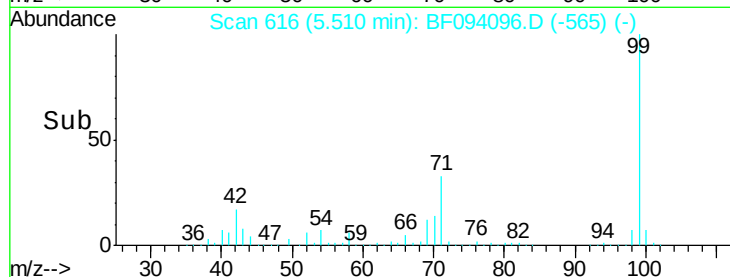
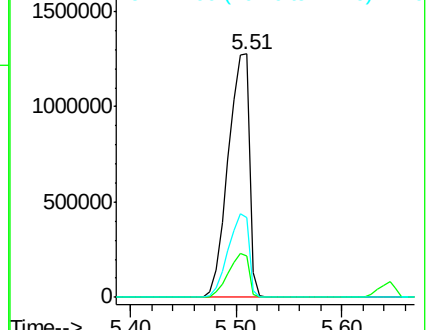
99 100

42 16.7 13.5 20.3

71 32.9 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: 2.80 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF094096.D

Acq: 31 Mar 2017 15:16

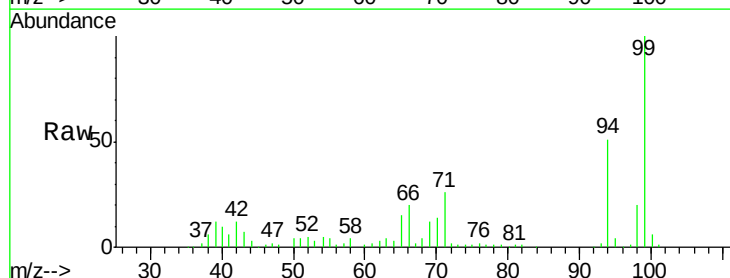
Tgt Ion: 94 Resp: 38990

Ion Ratio Lower Upper

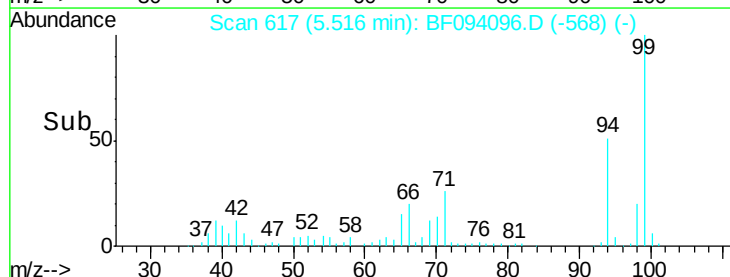
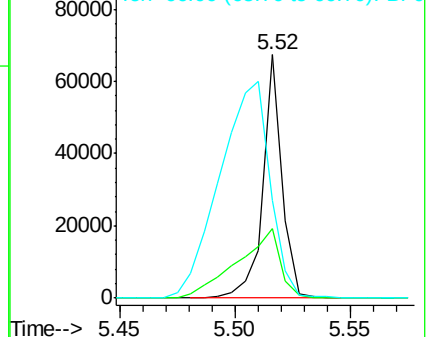
94 100

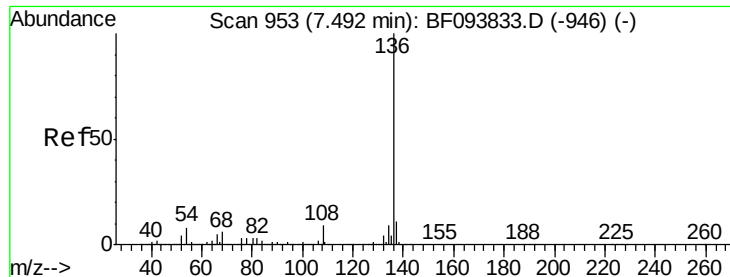
65 28.4 9.9 49.9

66 39.9 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

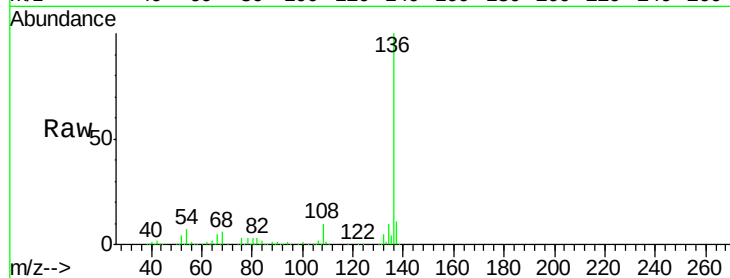




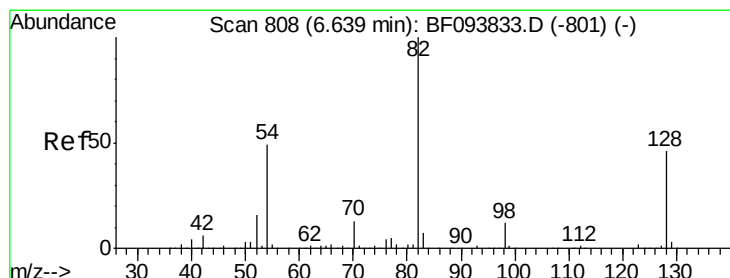
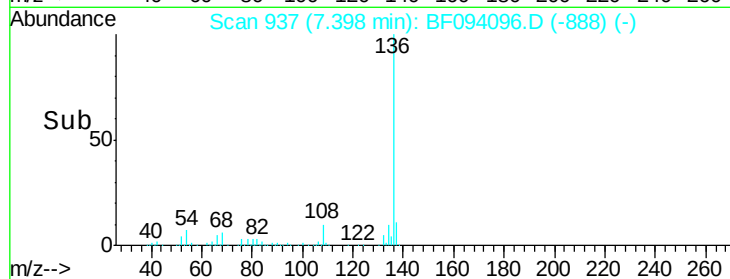
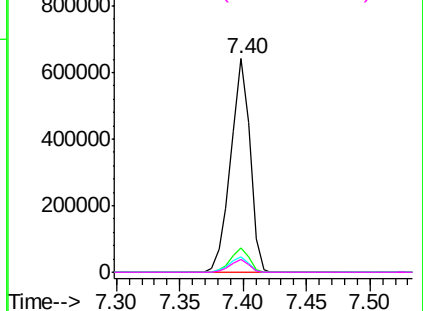
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)

Tot Ion:136	Resp:	671784	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.5	12.7	
54 7.3	4.9	7.3	
68 6.0	4.1	6.1	

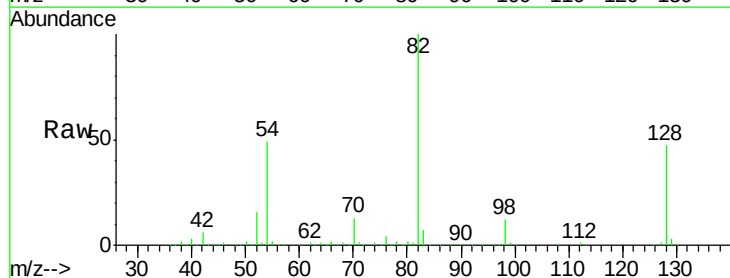


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

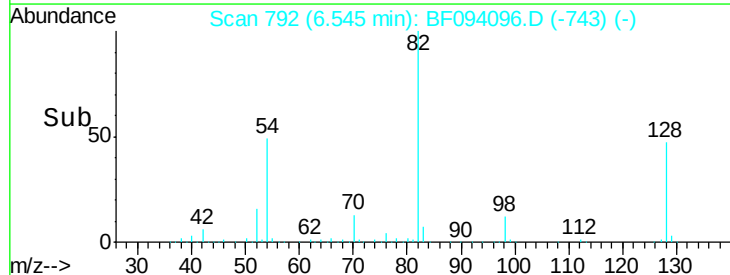
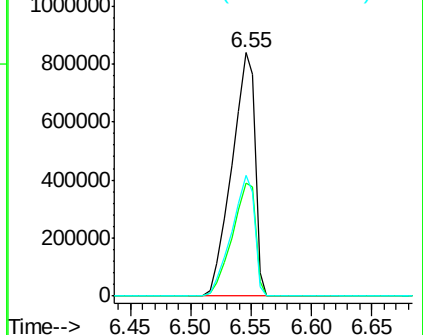


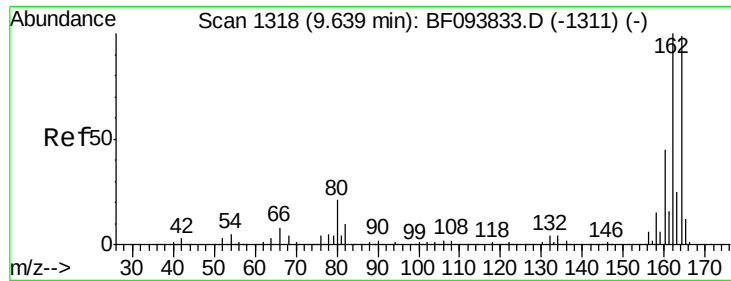
#23
Nitrobenzene-d5
Concen: 95.31 ng
RT: 6.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Tgt Ion: 82	Resp: 1121911
Ion Ratio	Lower Upper
82 100	
128 46.7	34.0 51.0
54 49.5	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

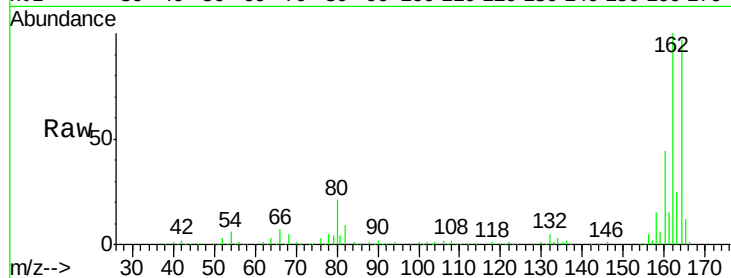




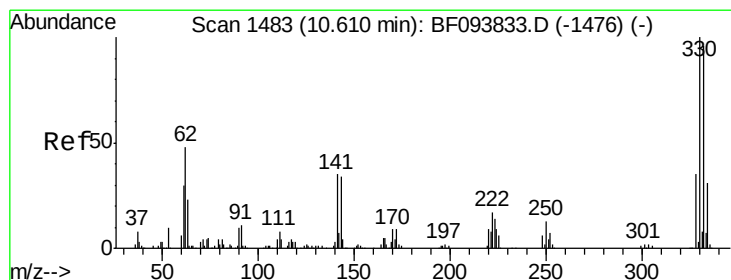
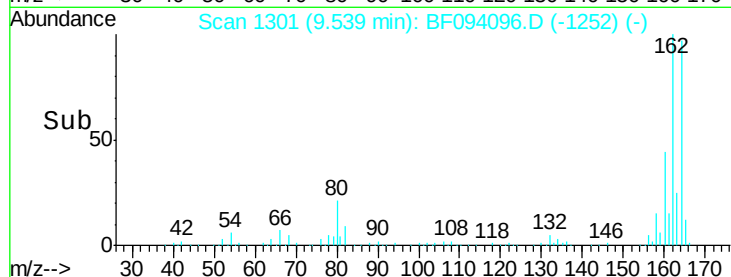
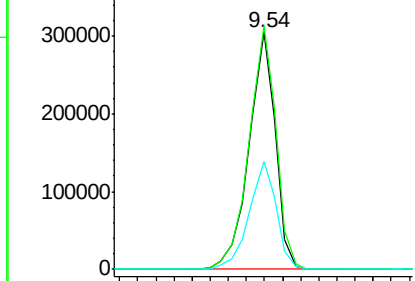
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF094096.D
 Acq: 31 Mar 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)

Tot Ion:164 Resp: 307408
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.5 36.2 54.2

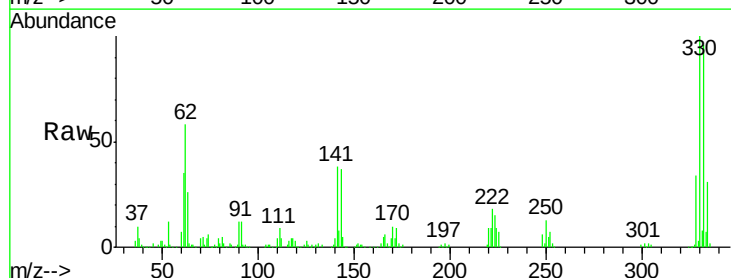


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

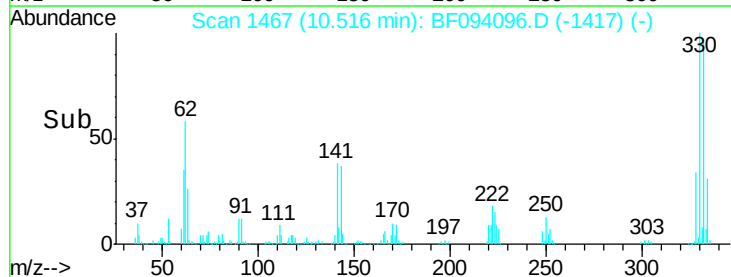
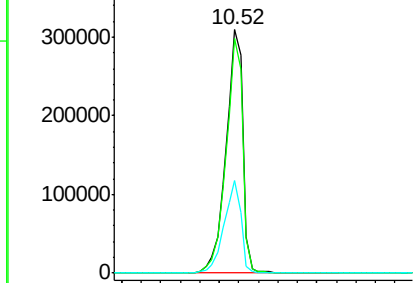


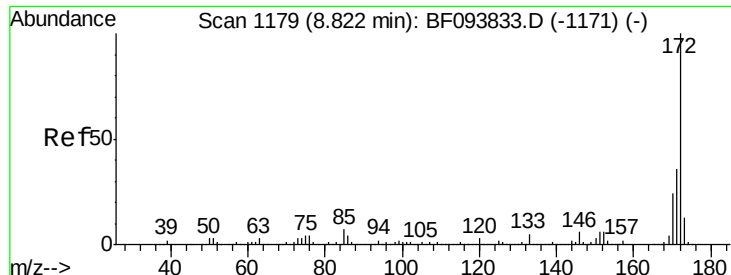
#41
 2,4,6-Tribromophenol
 Concen: 152.78 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094096.D
 Acq: 31 Mar 2017 15:16

Tgt Ion:330 Resp: 371137
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 37.8 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

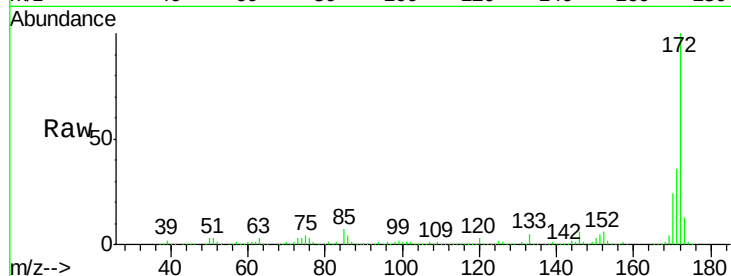




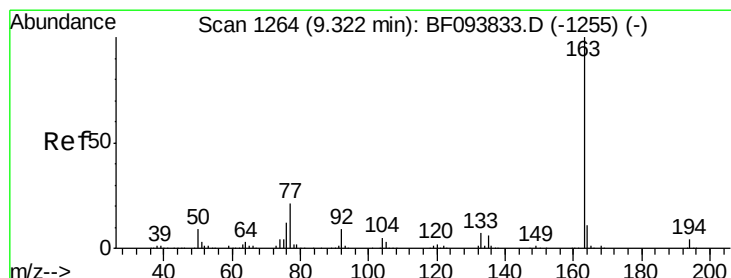
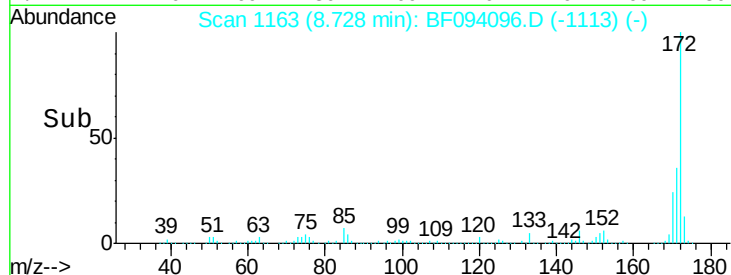
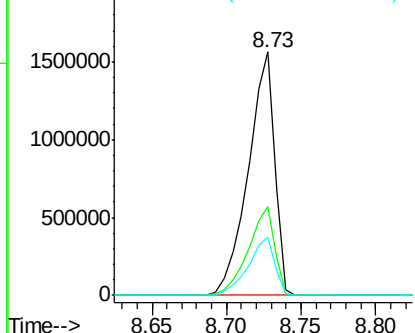
#44
2-Fluorobiphenyl
Concen: 94.49 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)

Tot Ion:172 Resp: 1904391
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.9 19.8 29.8

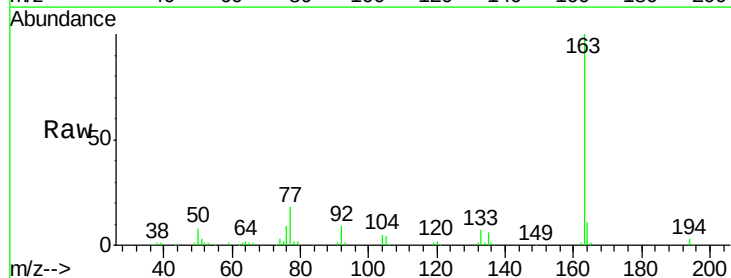


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

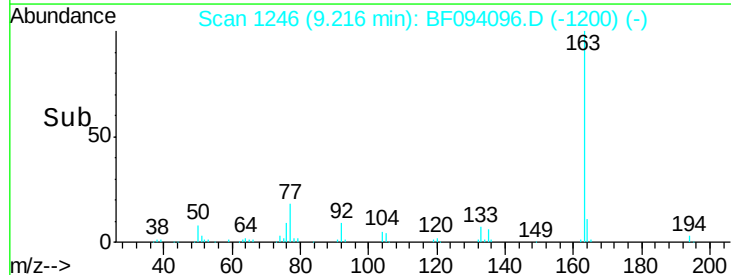
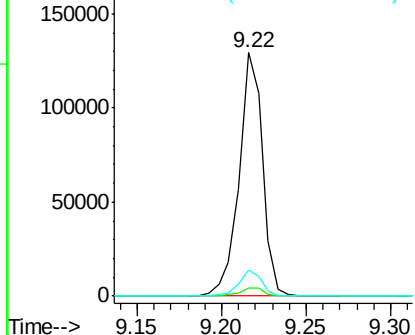


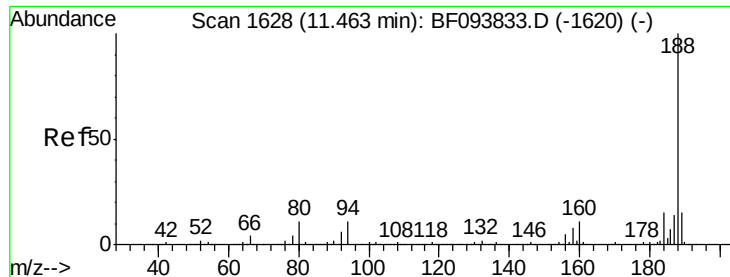
#49
Dimethylphthalate
Concen: 5.73 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.03 min
Lab File: BF094096.D
Acq: 31 Mar 2017 15:16

Tgt Ion:163 Resp: 125121
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 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: 11.36 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF094096.D

Acq: 31 Mar 2017 15:16

Instrument :

BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)

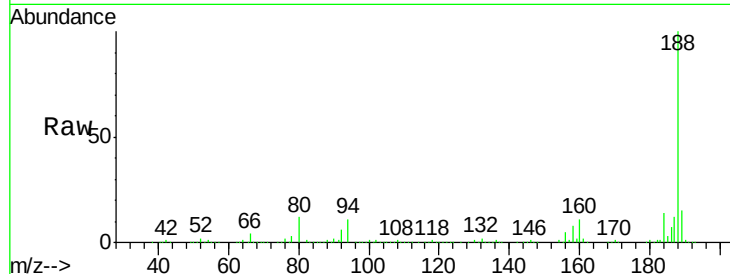
Tot Ion:188 Resp: 537384

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

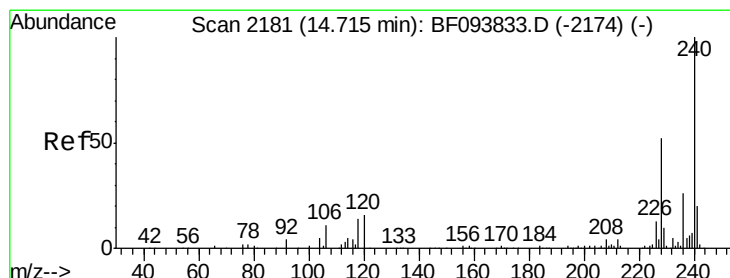
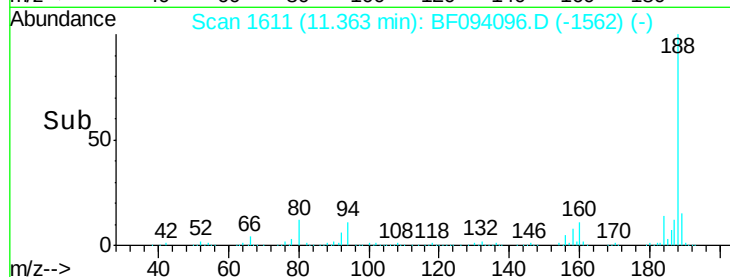
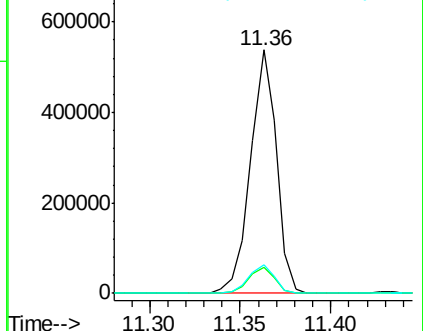
80 11.5 10.2 15.2



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: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094096.D

Acq: 31 Mar 2017 15:16

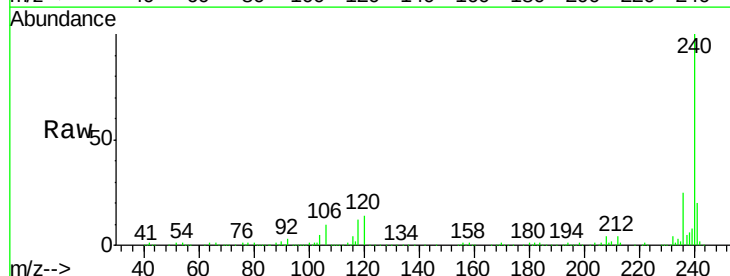
Tgt Ion:240 Resp: 412747

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

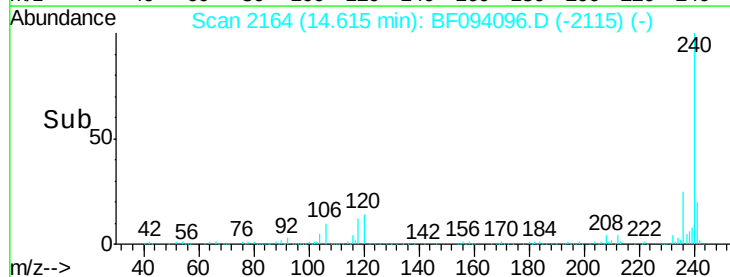
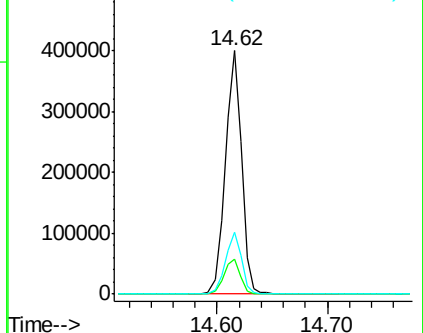
236 25.4 20.5 30.7

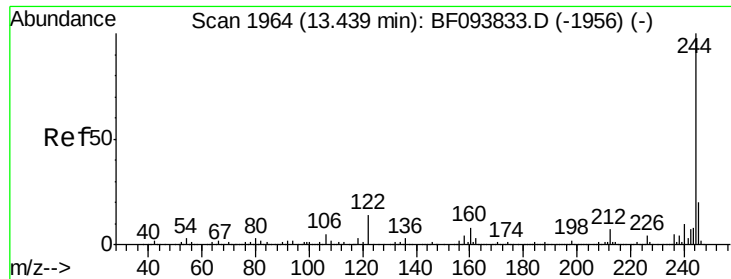


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

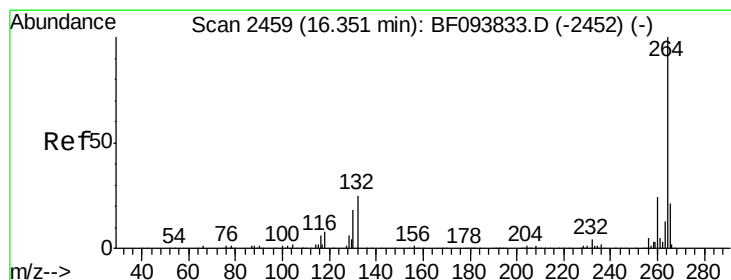
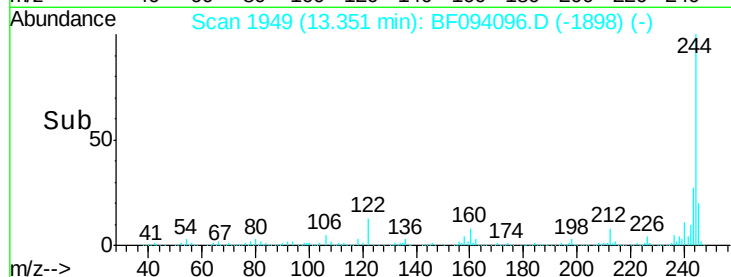
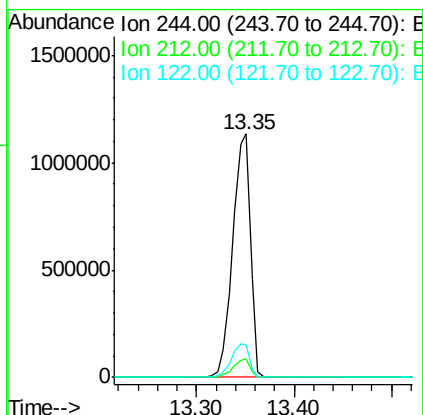
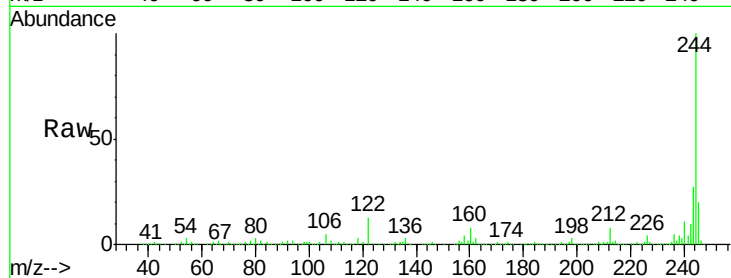




#78
 Terphenyl-d14
 Concen: 77.54 ng
 RT: 13.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BF094096.D
 Acq: 31 Mar 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)

Tot Ion:244 Resp: 1427798
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BF094096.D
 Acq: 31 Mar 2017 15:16

Tgt Ion:264 Resp: 276845
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.9 17.2 25.8

