

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094094.D
 Acq On : 31 Mar 2017 14:21
 Operator : SJ/MA
 Sample : I2474-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 49B-9-11

Quant Time: Mar 31 23:47:16 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

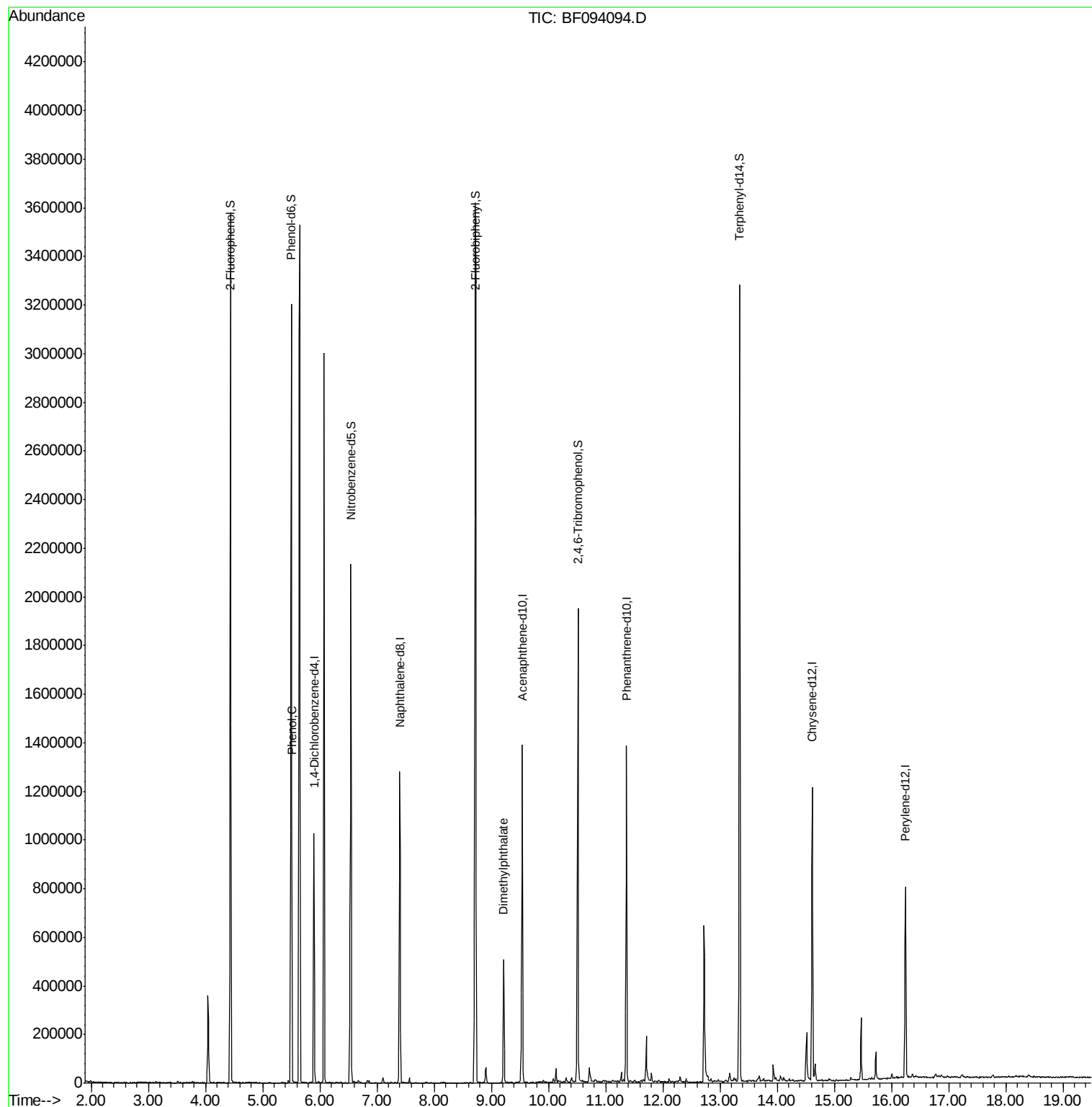
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	173317	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	692178	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	320325	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	558783	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	445814	20.00	ng	-0.01
86) Perylene-d12	16.24	264	312008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1068626	104.14	ng	0.00
7) Phenol-d6	5.50	99	1360576	107.18	ng	0.00
23) Nitrobenzene-d5	6.55	82	862202	71.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	273602	108.09	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	1514112	72.10	ng	-0.01
78) Terphenyl-d14	13.34	244	1202942	60.48	ng	0.00
Target Compounds						
10) Phenol	5.52	94	58400	4.04	ng	85
49) Dimethylphthalate	9.22	163	250890	11.02	ng	98

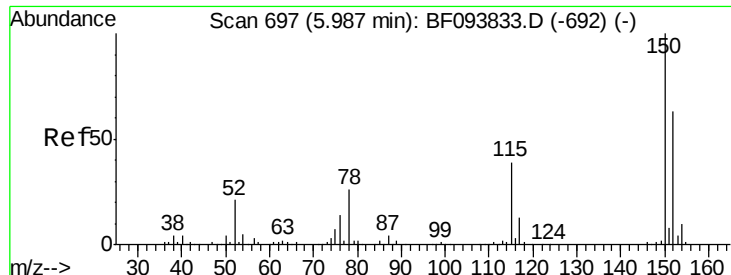
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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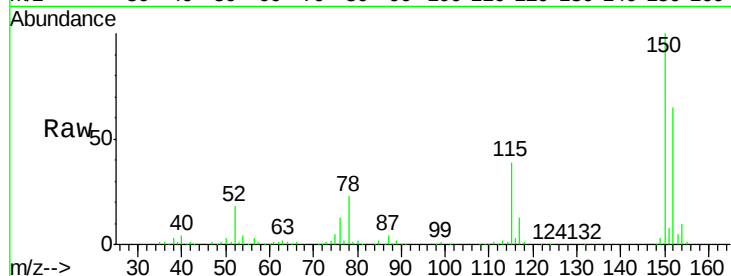


#1

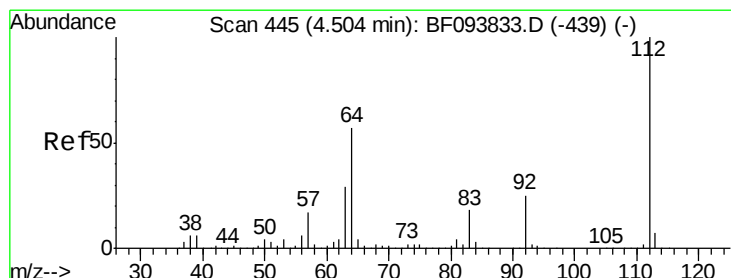
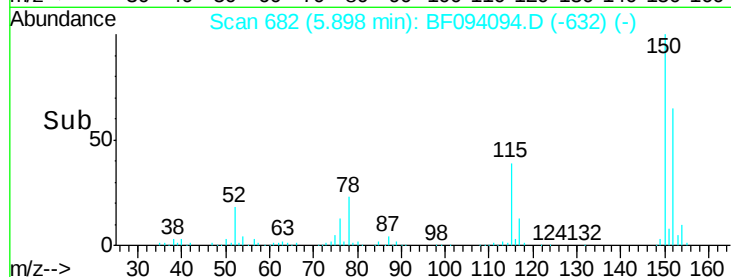
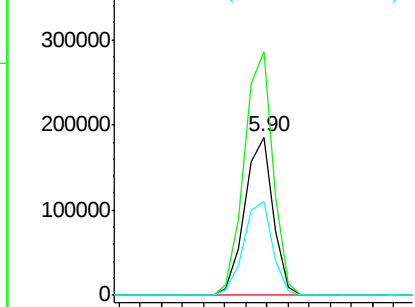
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Instrument :
BNA_F
ClientSampleId :
49B-9-11

Tot Ion:152 Resp: 173317
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 59.6 52.2 78.2



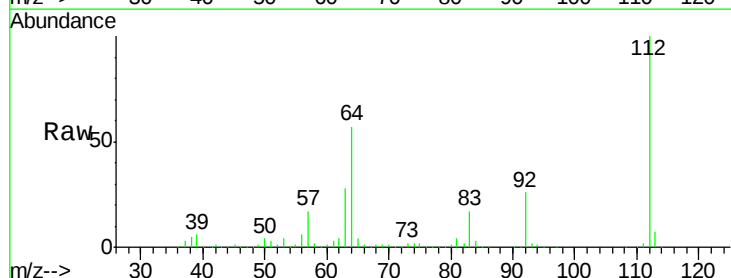
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



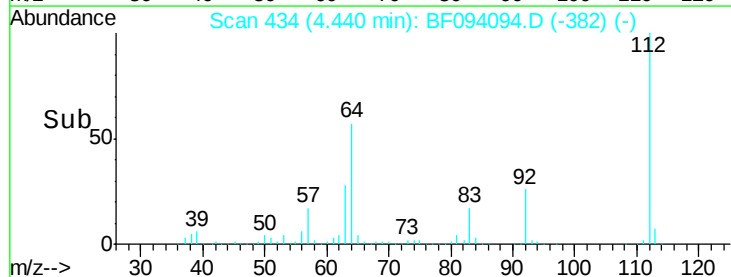
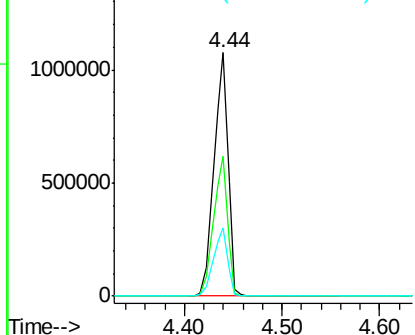
#5

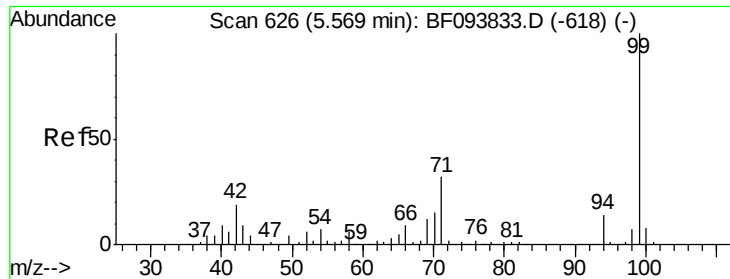
2-Fluorophenol
Concen: 104.14 ng
RT: 4.44 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Tgt Ion:112 Resp: 1068626
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 27.9 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: 107.18 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094094.D

Acq: 31 Mar 2017 14:21

Instrument :

BNA_F

ClientSampleId :

49B-9-11

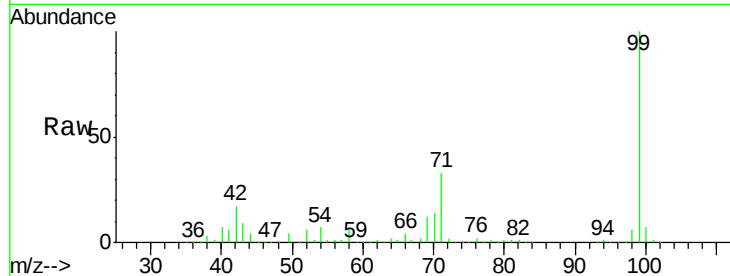
Tot Ion: 99 Resp: 1360576

Ion Ratio Lower Upper

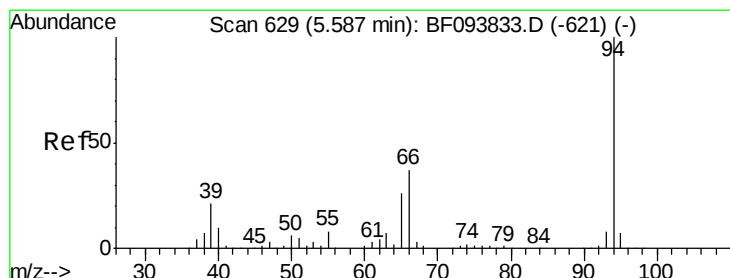
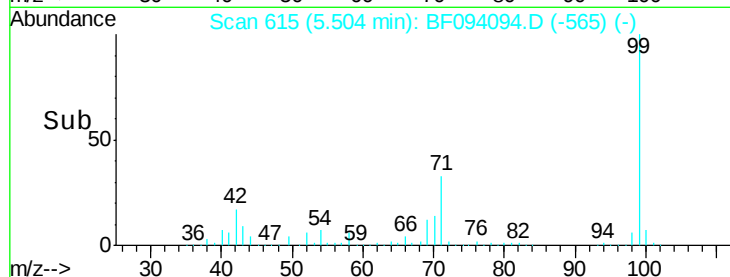
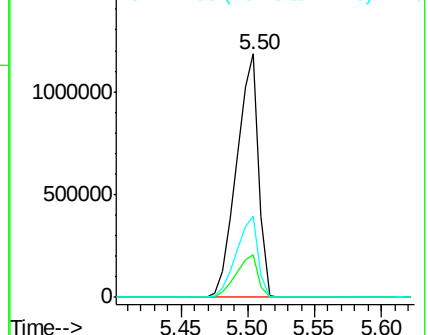
99 100

42 17.5 13.5 20.3

71 33.2 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: 4.04 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF094094.D

Acq: 31 Mar 2017 14:21

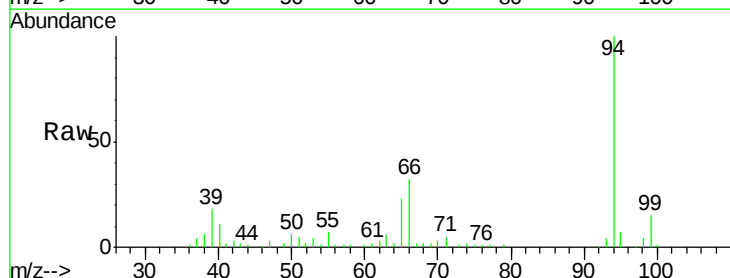
Tgt Ion: 94 Resp: 58400

Ion Ratio Lower Upper

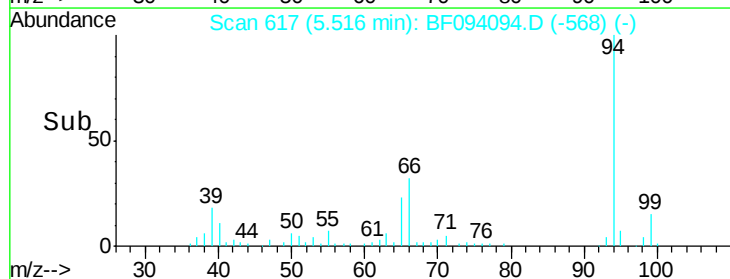
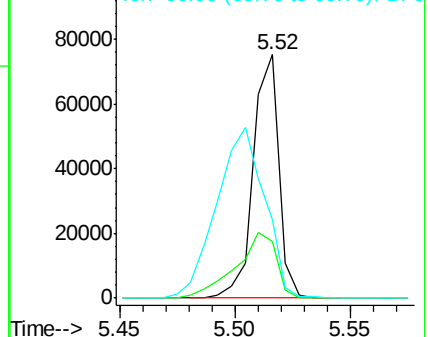
94 100

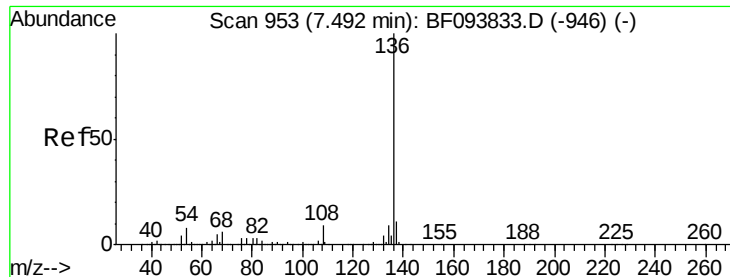
65 23.4 9.9 49.9

66 32.1 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: BF094094.D

Acq: 31 Mar 2017 14:21

Instrument :

BNA_F

ClientSampled :

49B-9-11

Tot Ion:136 Resp: 692178

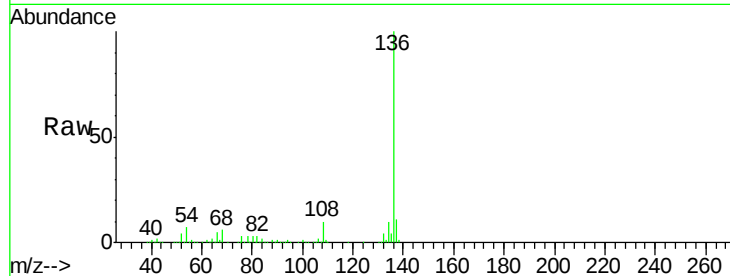
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.4 4.9 7.3#

68 5.7 4.1 6.1

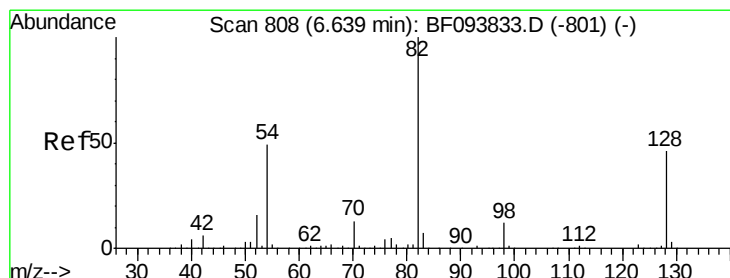
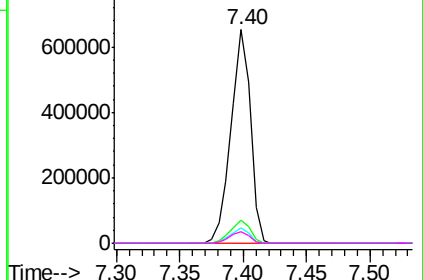
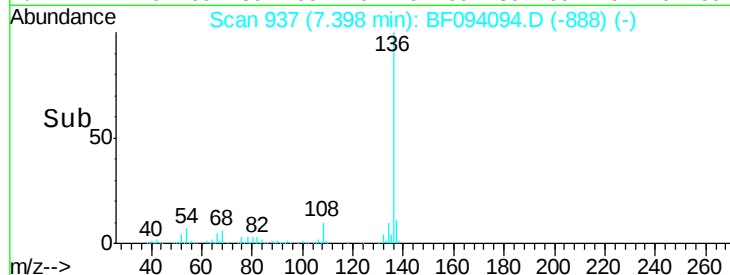


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.09 ng

RT: 6.55 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF094094.D

Acq: 31 Mar 2017 14:21

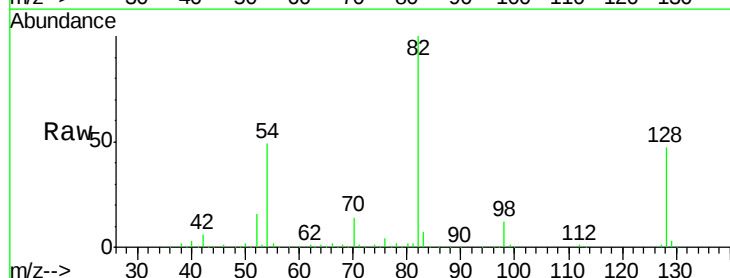
Tgt Ion: 82 Resp: 862202

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

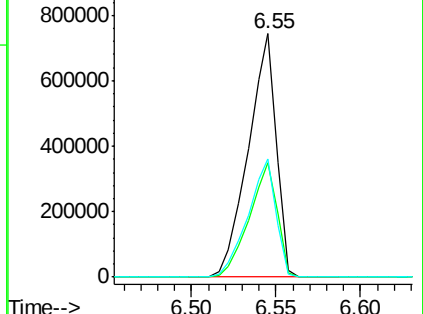
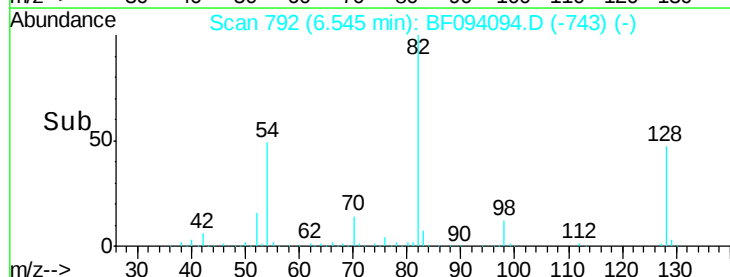
54 48.5 42.2 63.2

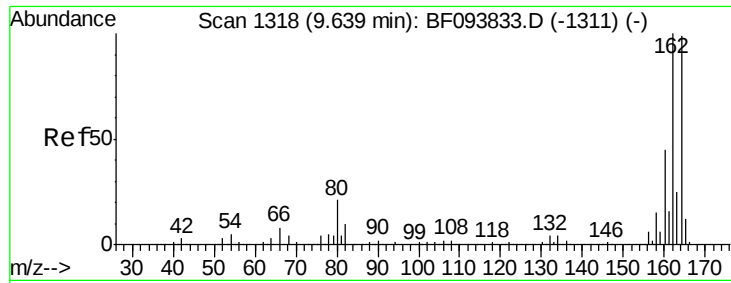


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

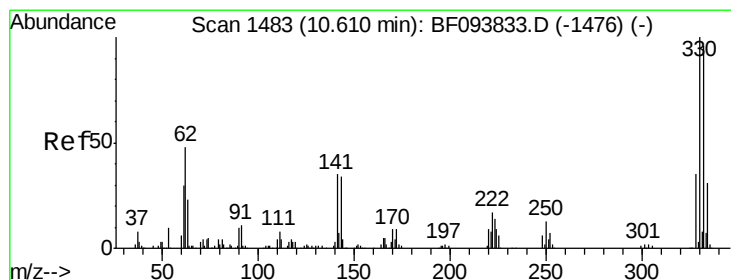
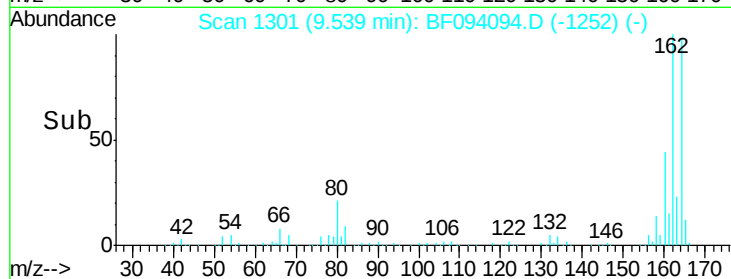
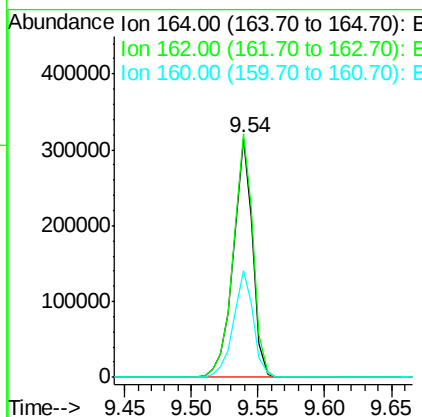
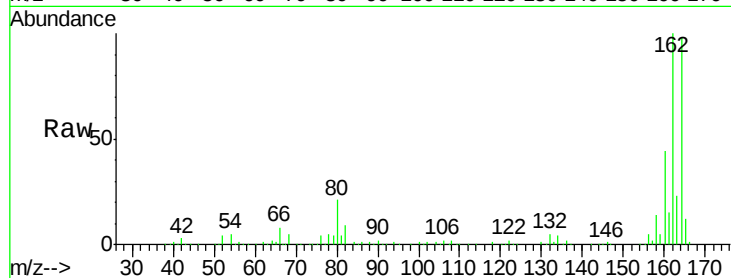




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

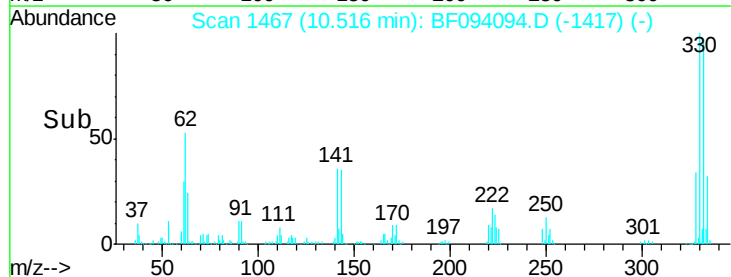
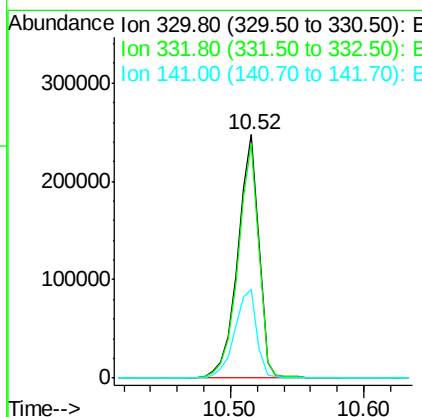
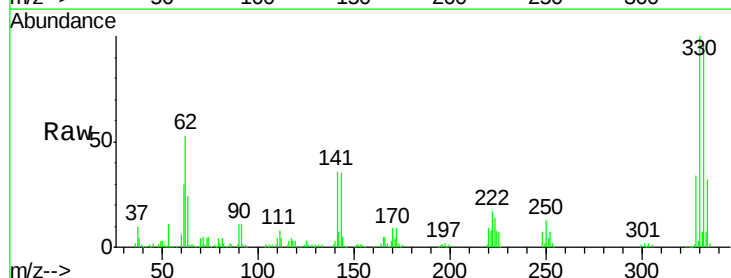
Instrument :
BNA_F
ClientSampleId :
49B-9-11

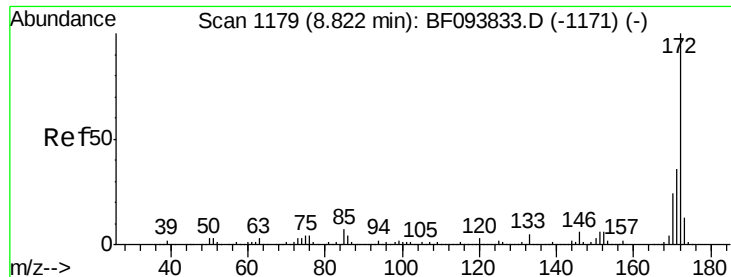
Tot Ion:164 Resp: 320325
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.5 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 108.09 ng
RT: 10.52 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Tgt Ion:330 Resp: 273602
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 38.4 31.4 47.2



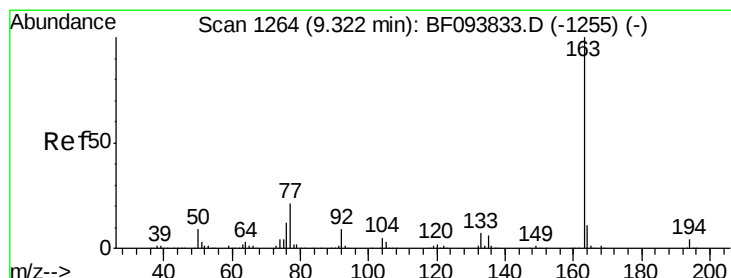
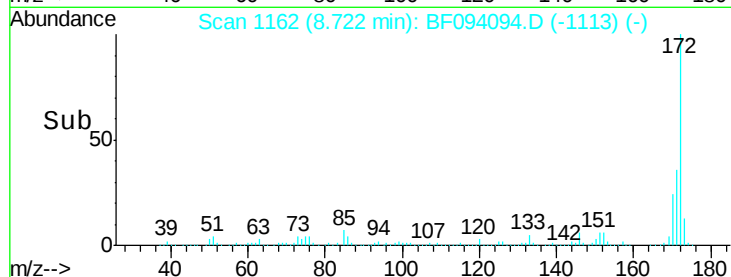
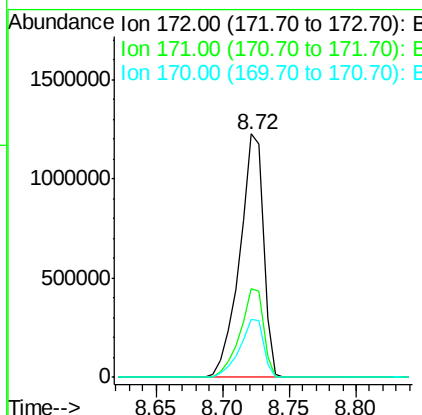
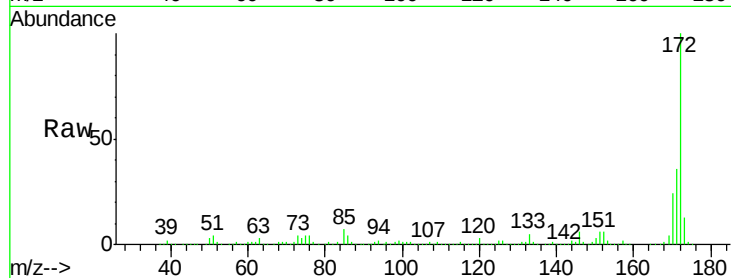


#44
 2-Fluorobiphenyl
 Concen: 72.10 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF094094.D
 Acq: 31 Mar 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 49B-9-11

Tot Ion:172 Resp: 1514112

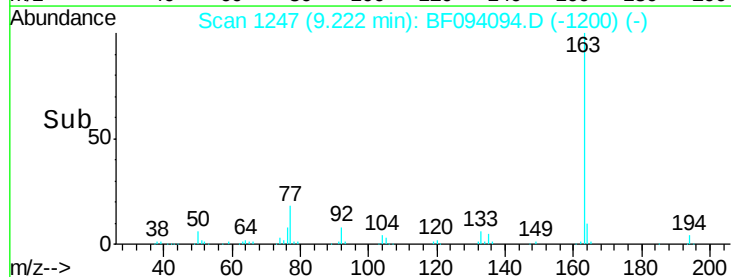
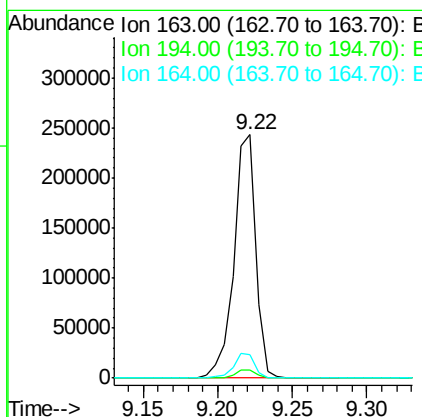
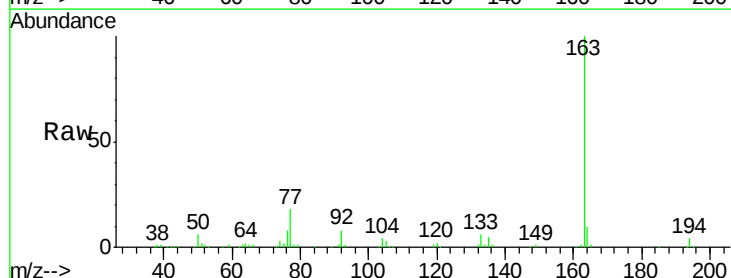
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8

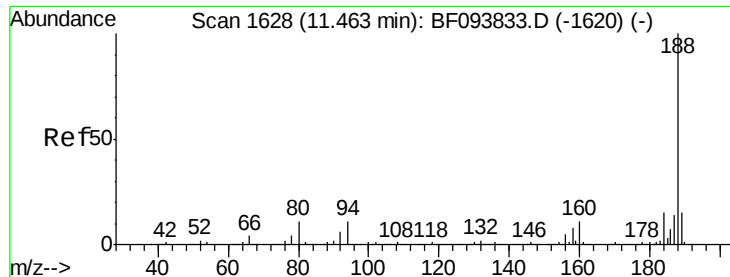


#49
 Dimethylphthalate
 Concen: 11.02 ng
 RT: 9.22 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF094094.D
 Acq: 31 Mar 2017 14:21

Tgt Ion:163 Resp: 250890

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.5	8.4	12.6

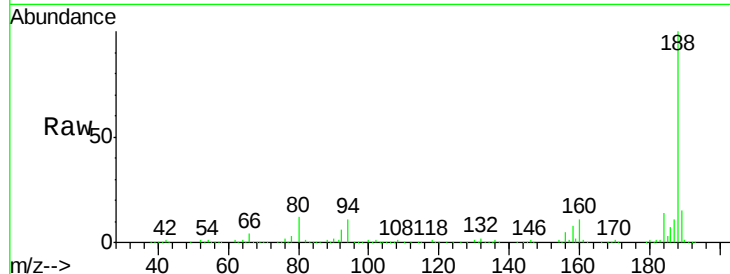




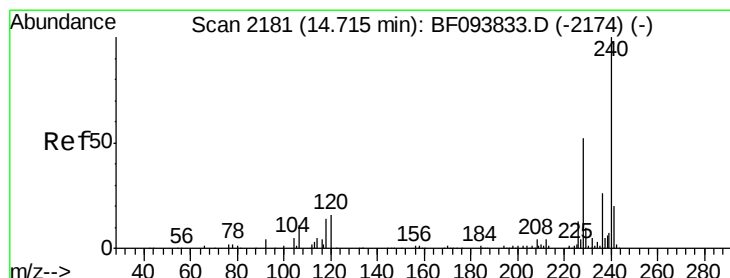
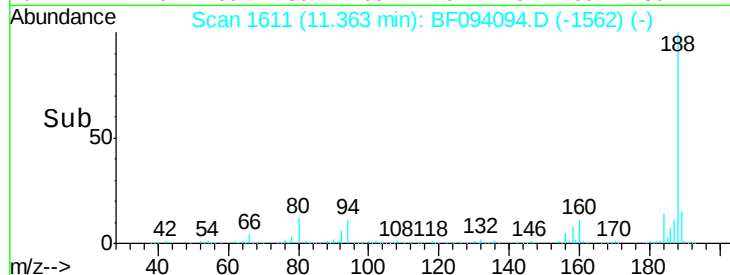
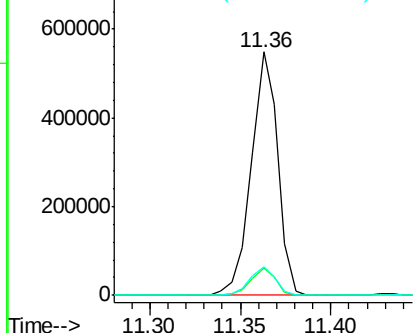
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Instrument :
BNA_F
ClientSampleId :
49B-9-11

Tot Ion:188 Resp: 558783
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.5 10.2 15.2

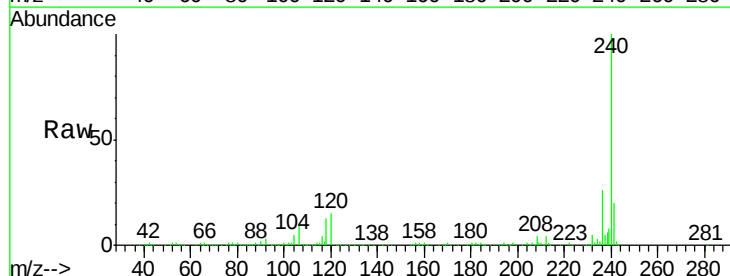


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

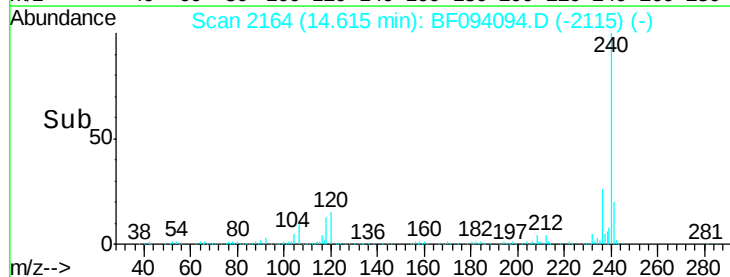
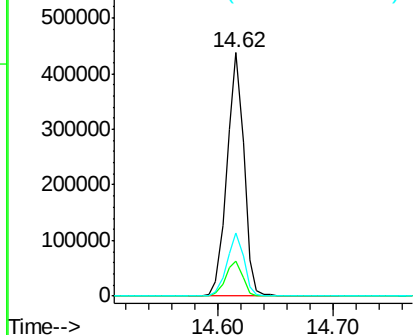


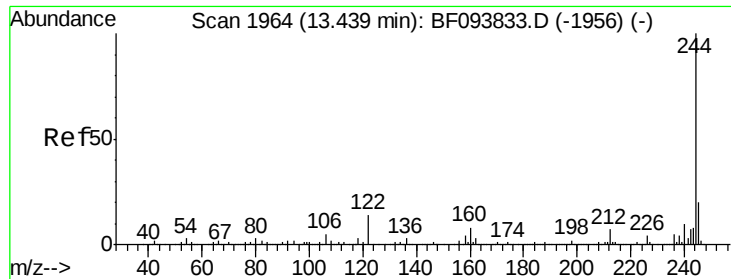
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094094.D
Acq: 31 Mar 2017 14:21

Tgt Ion:240 Resp: 445814
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.8 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

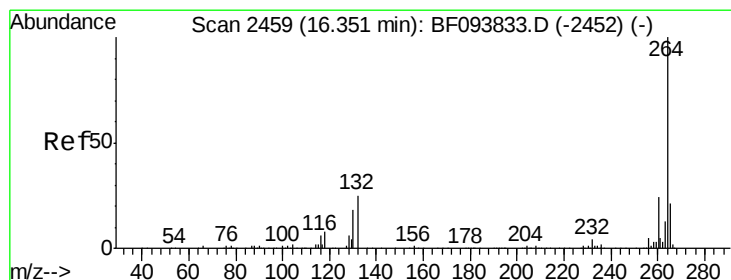
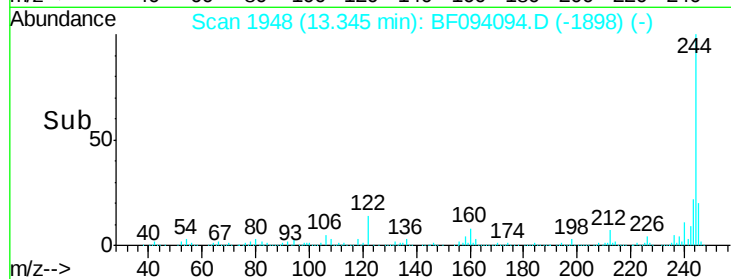
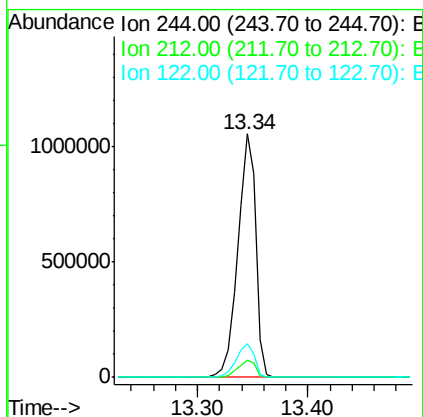
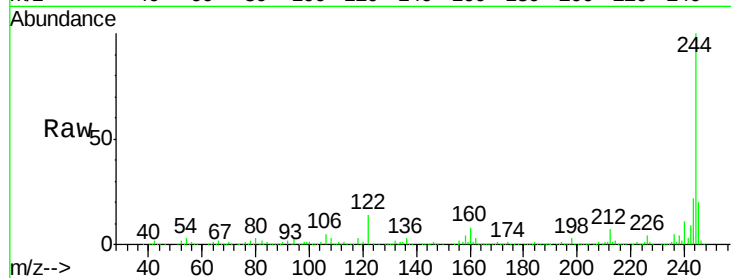




#78
 Terphenyl-d14
 Concen: 60.48 ng
 RT: 13.34 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BF094094.D
 Acq: 31 Mar 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :
 49B-9-11

Tot Ion:244 Resp: 1202942
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 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: BF094094.D
 Acq: 31 Mar 2017 14:21

Tgt Ion:264 Resp: 312008
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.4 17.2 25.8

