

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091112.D
 Acq On : 9 Nov 2016 6:00
 Operator : UM/SJ
 Sample : H5593-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-1

Quant Time: Nov 09 06:26:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

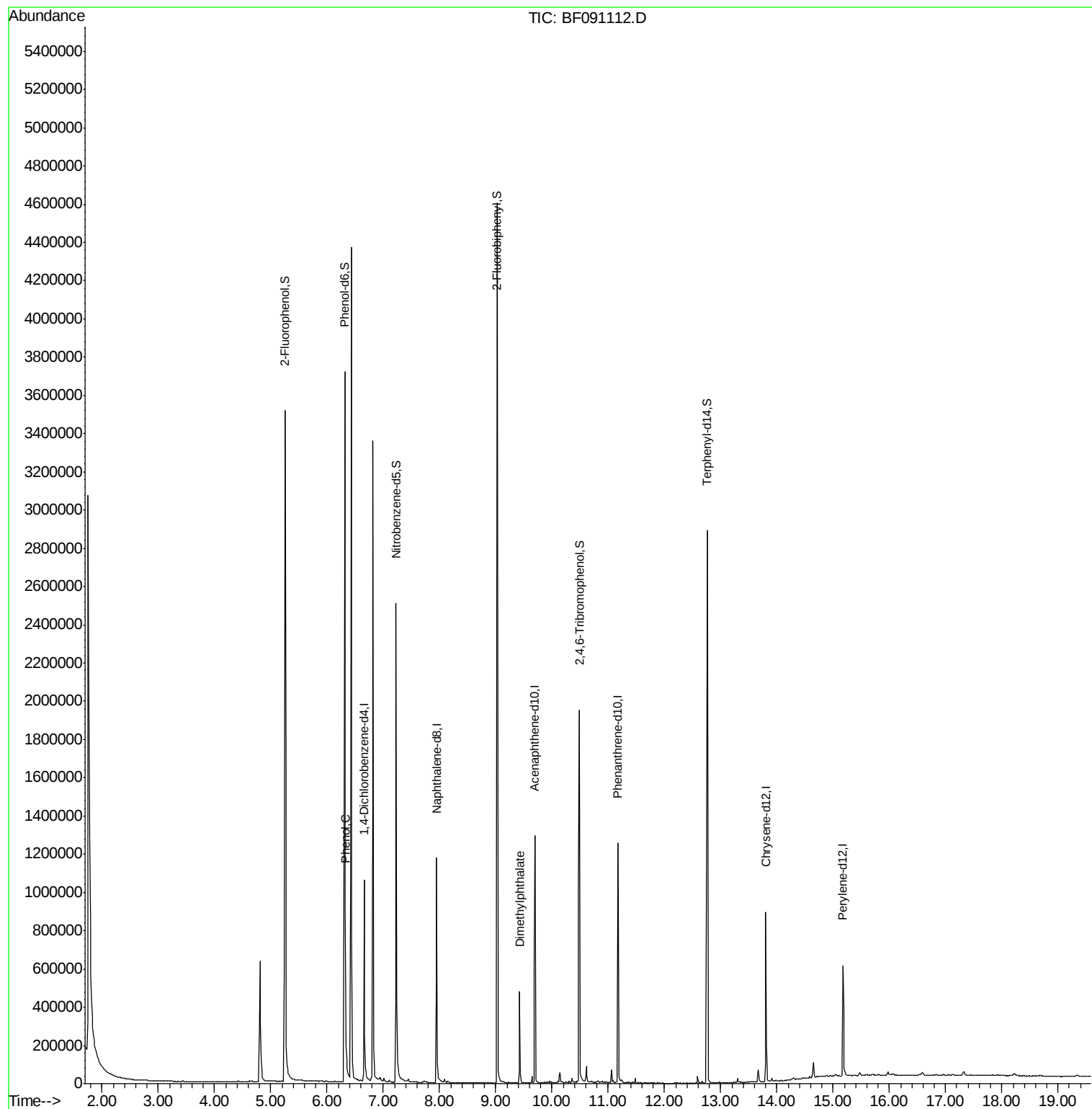
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	164400	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	650731	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	311350	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	429040	20.00	ng	0.00
75) Chrysene-d12	13.80	240	290606	20.00	ng	-0.01
86) Perylene-d12	15.17	264	254082	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1220068	122.57	ng	0.01
7) Phenol-d6	6.32	99	1517024	112.28	ng	0.00
23) Nitrobenzene-d5	7.23	82	931511	78.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	264781	94.07	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1344837	74.36	ng	-0.01
78) Terphenyl-d14	12.76	244	955350	82.04	ng	0.00
Target Compounds						
10) Phenol	6.33	94	98303	6.57	ng	Qvalue # 64
49) Dimethylphthalate	9.42	163	185354	9.08	ng	97

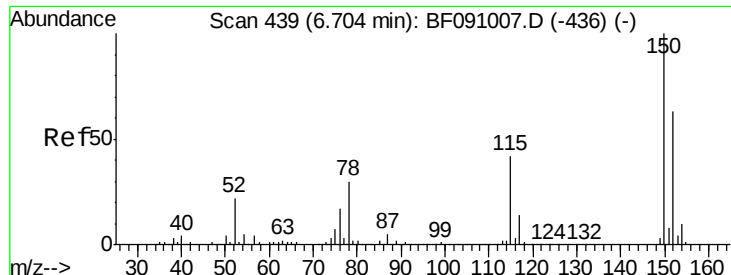
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091112.D

Acq: 9 Nov 2016 6:00

Instrument :

BNA_F

ClientSampleId :

CHA-1

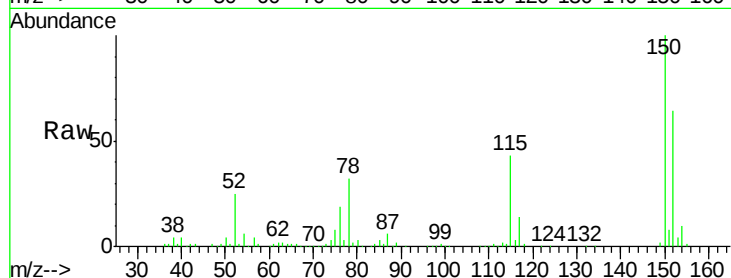
Tot Ion:152 Resp: 164400

Ion Ratio Lower Upper

152 100

150 157.3 126.8 190.2

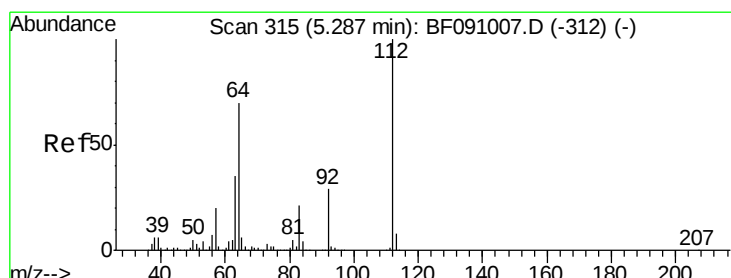
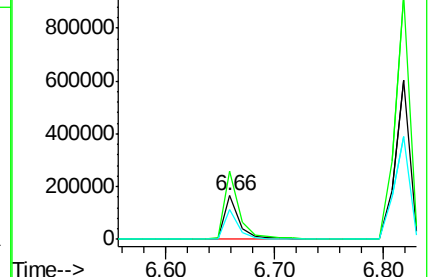
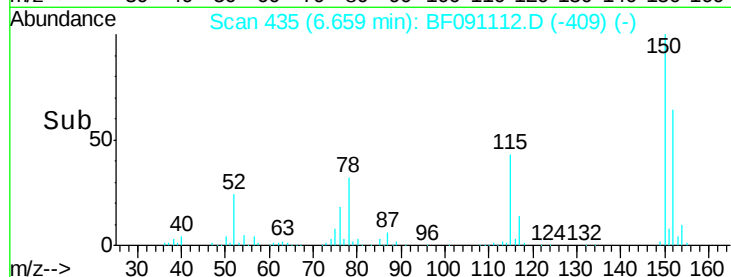
115 67.9 53.3 79.9



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: 122.57 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091112.D

Acq: 9 Nov 2016 6:00

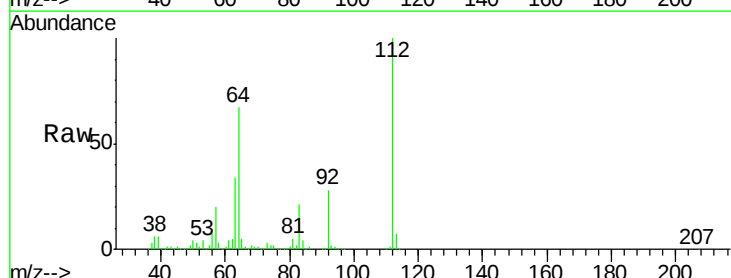
Tgt Ion:112 Resp: 1220068

Ion Ratio Lower Upper

112 100

64 67.5 55.8 83.6

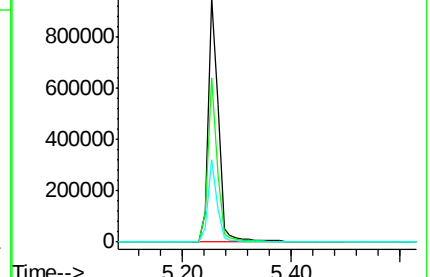
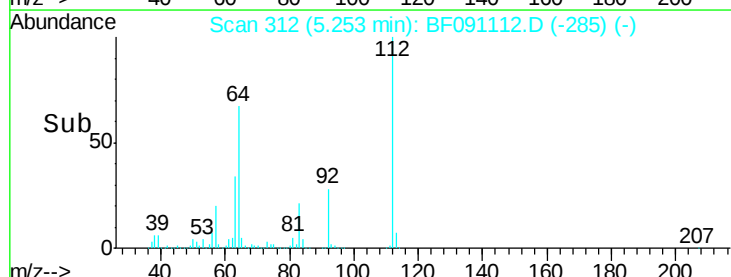
63 33.9 28.0 42.0



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: 112.28 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091112.D

Acq: 9 Nov 2016 6:00

Instrument :

BNA_F

ClientSampleId :

CHA-1

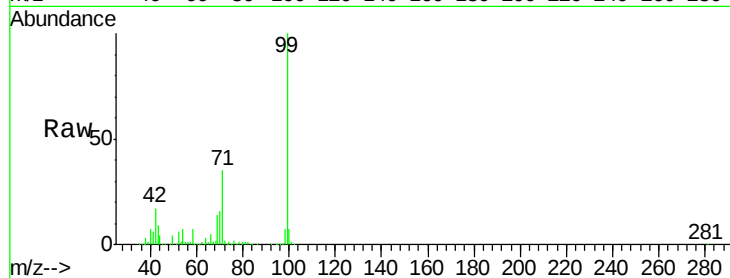
Tot Ion: 99 Resp: 1517024

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

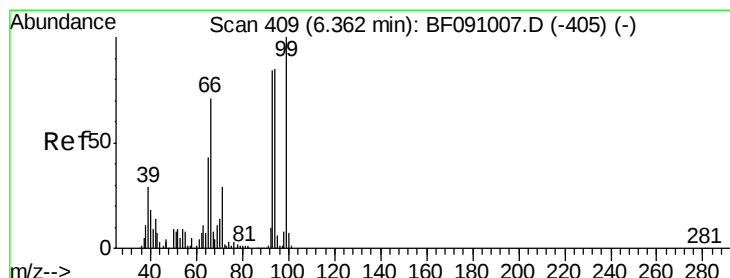
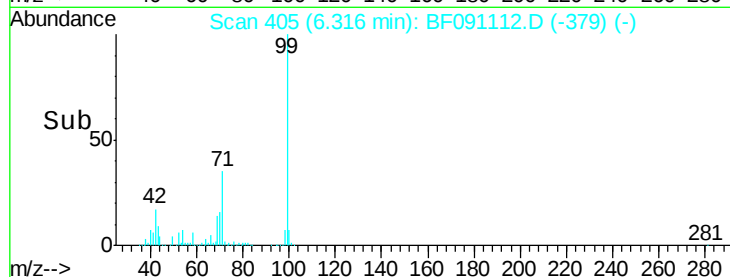
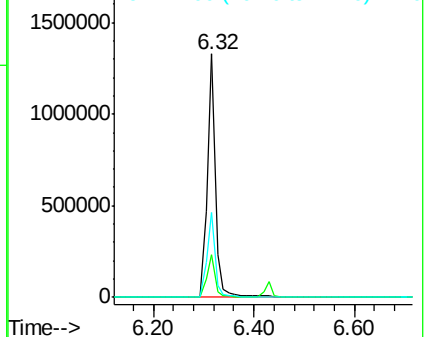
71 34.9 27.8 41.8



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: 6.57 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091112.D

Acq: 9 Nov 2016 6:00

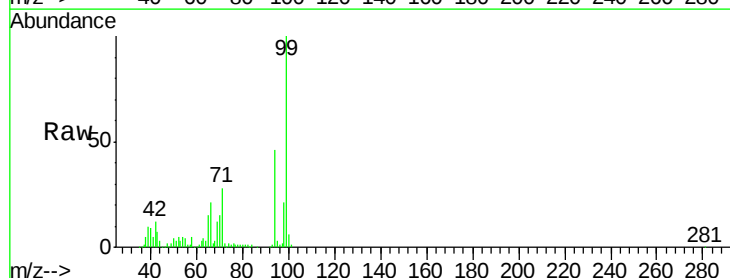
Tgt Ion: 94 Resp: 98303

Ion Ratio Lower Upper

94 100

65 31.6 30.4 70.4

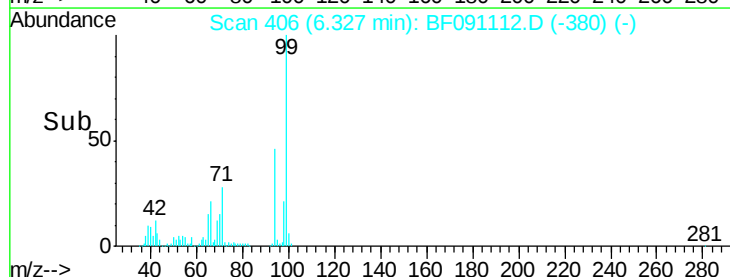
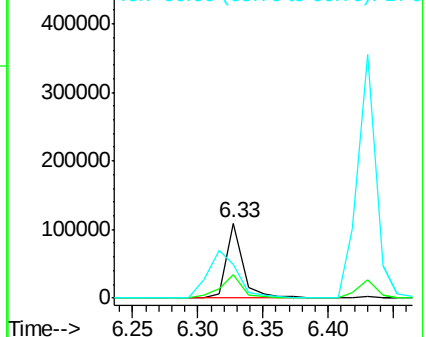
66 45.1 62.9 102.9#

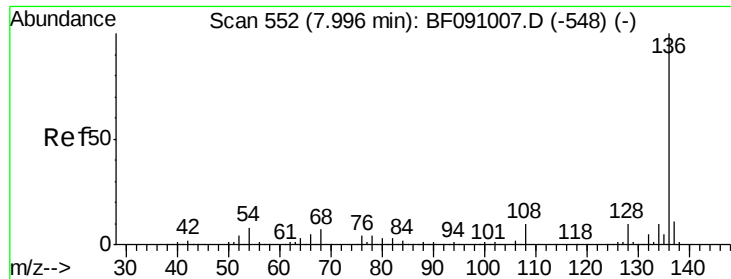


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

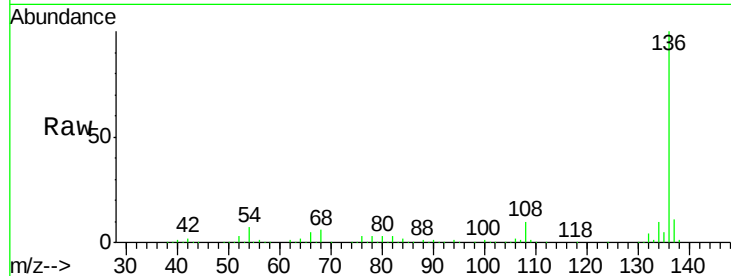




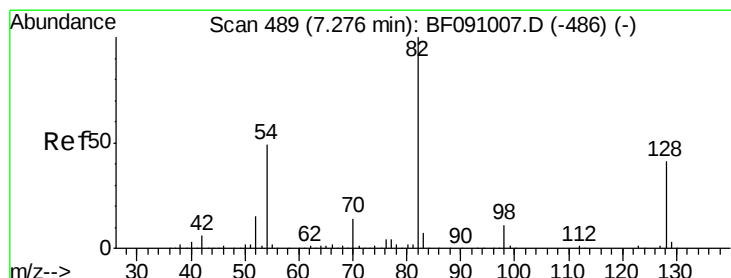
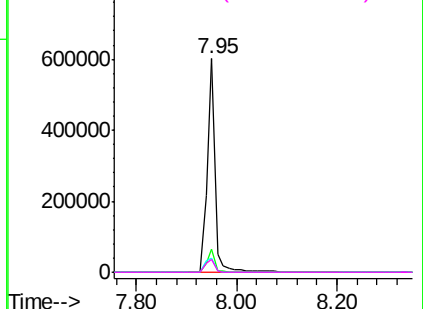
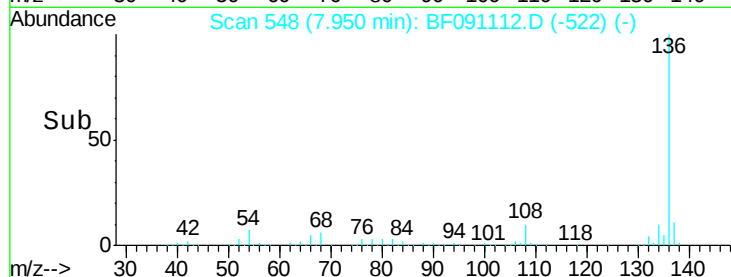
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091112.D
Acq: 9 Nov 2016 6:00

Instrument :
BNA_F
ClientSampleId :
CHA-1

Tot Ion:136	Resp:	650731
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.8	6.2 9.2
68	6.0	5.5 8.3

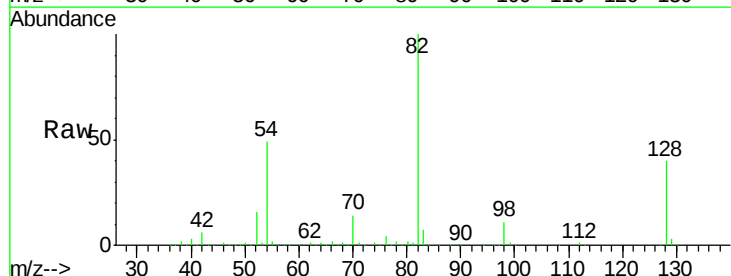


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

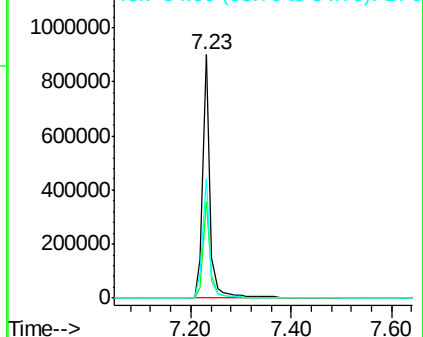
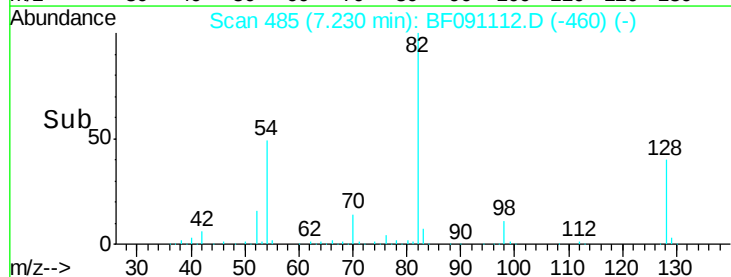


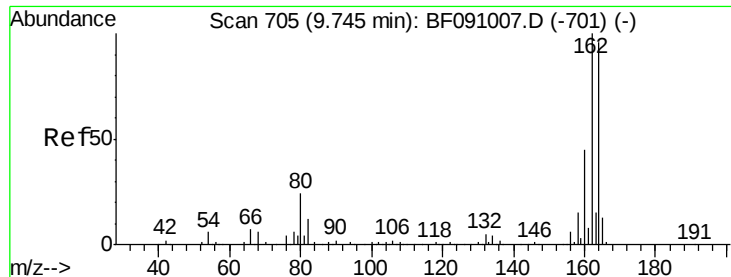
#23
Nitrobenzene-d5
Concen: 78.09 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091112.D
Acq: 9 Nov 2016 6:00

Tgt Ion: 82	Resp:	931511
Ion Ratio	Lower	Upper
82	100	
128	39.6	32.4 48.6
54	49.0	39.2 58.8



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

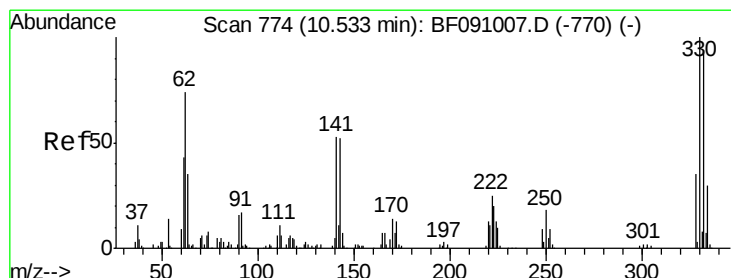
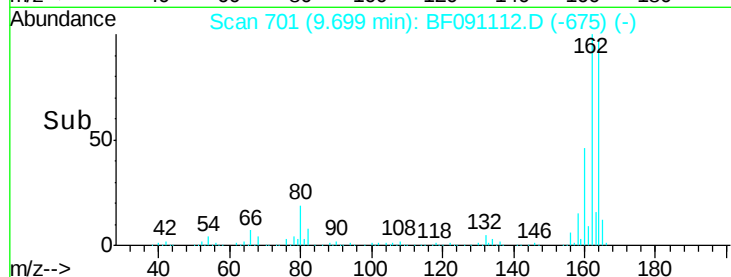
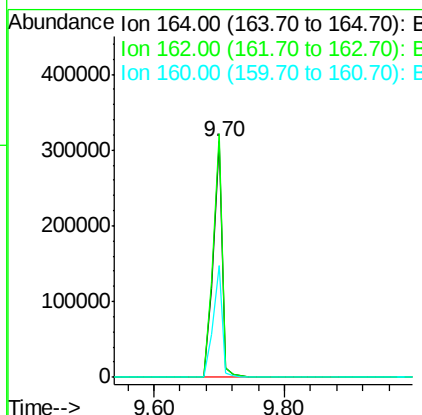
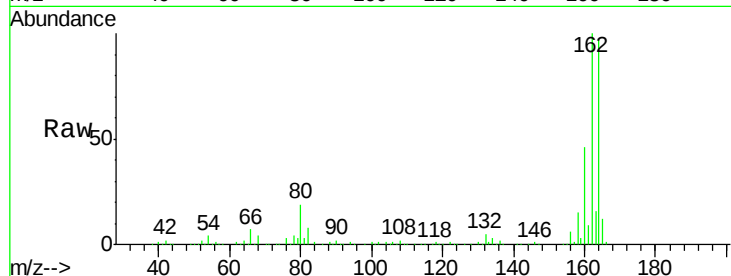




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091112.D
Acq: 9 Nov 2016 6:00

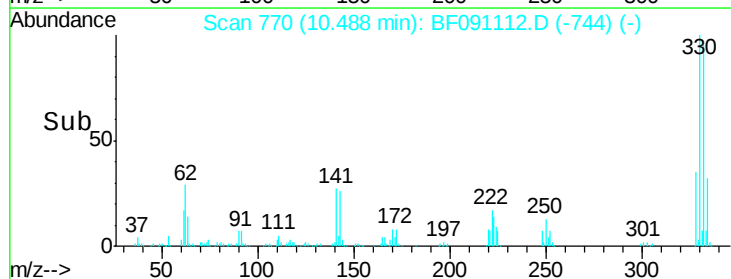
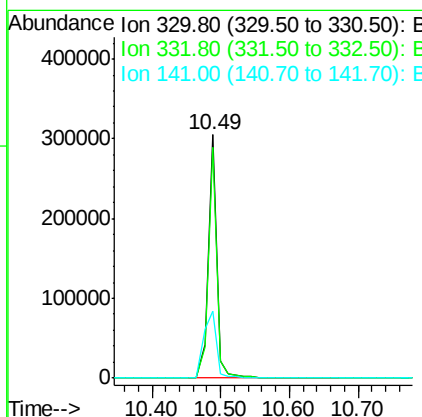
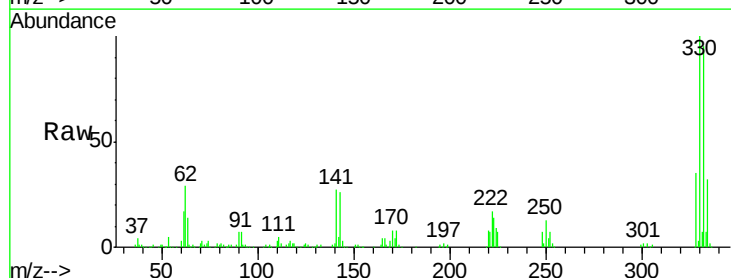
Instrument :
BNA_F
ClientSampleId :
CHA-1

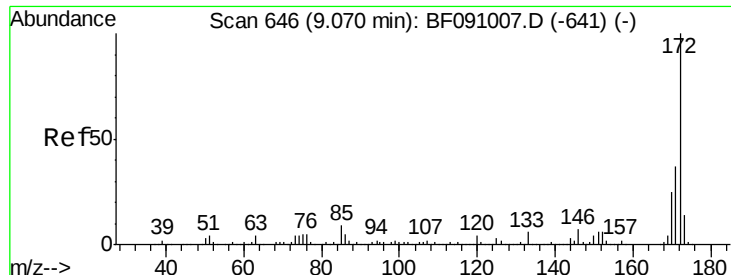
Tot Ion:164 Resp: 311350
Ion Ratio Lower Upper
164 100
162 103.3 83.6 125.4
160 47.6 37.9 56.9



#41
2,4,6-Tribromophenol
Concen: 94.07 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091112.D
Acq: 9 Nov 2016 6:00

Tgt Ion:330 Resp: 264781
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 40.8 36.1 54.1

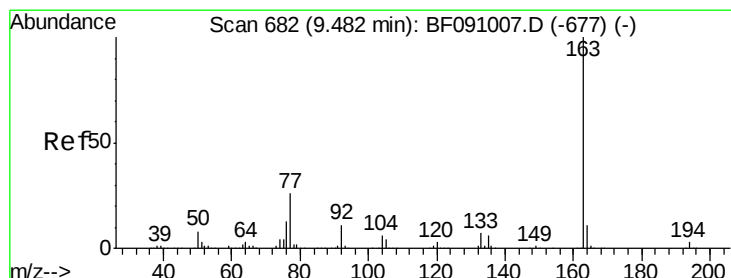
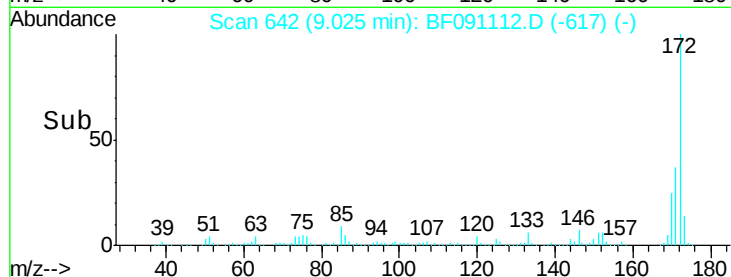
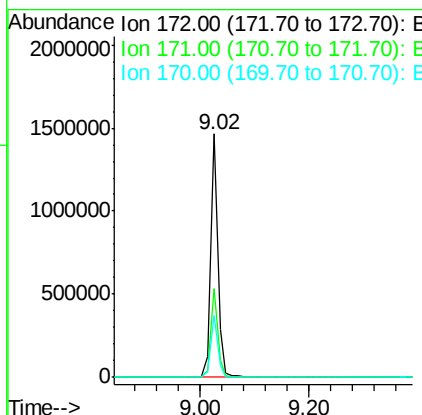
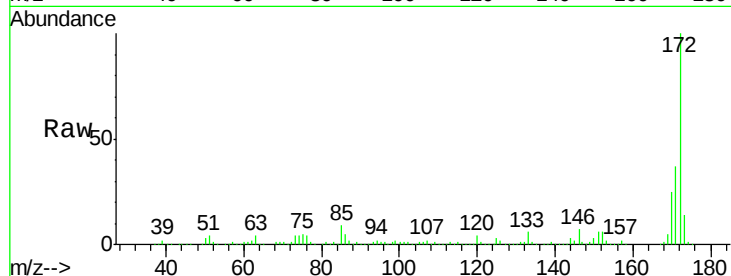




#44
2-Fluorobiphenyl
Concen: 74.36 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091112.D
Acq: 9 Nov 2016 6:00

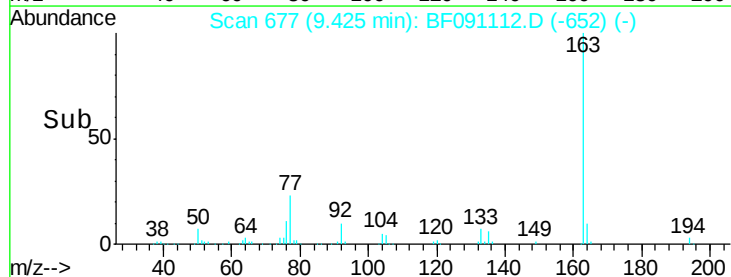
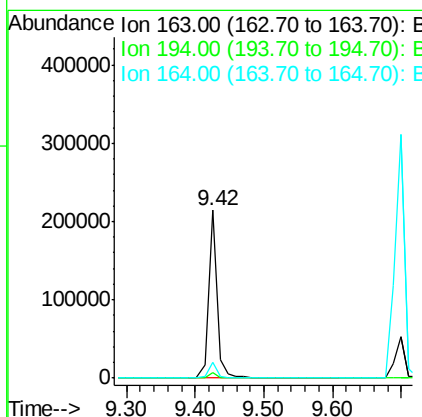
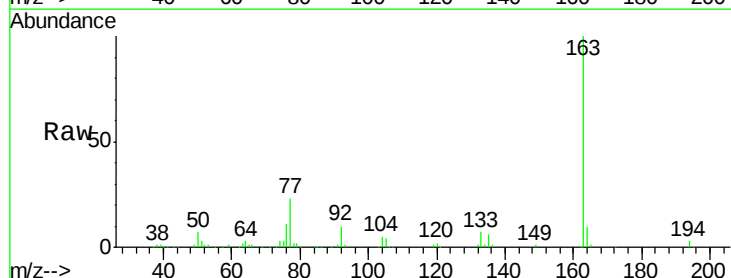
Instrument :
BNA_F
ClientSampleId :
CHA-1

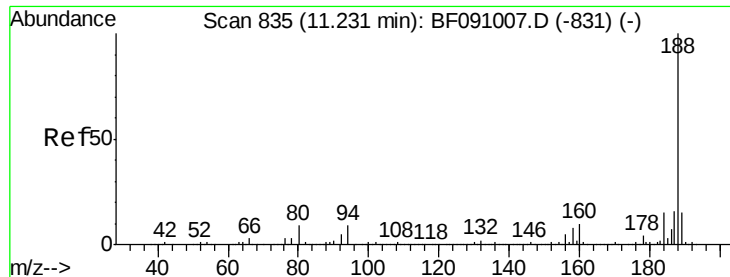
Tot Ion:172 Resp: 1344837
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 25.4 20.3 30.5



#49
Dimethylphthalate
Concen: 9.08 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091112.D
Acq: 9 Nov 2016 6:00

Tgt Ion:163 Resp: 185354
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.7 8.7 13.1

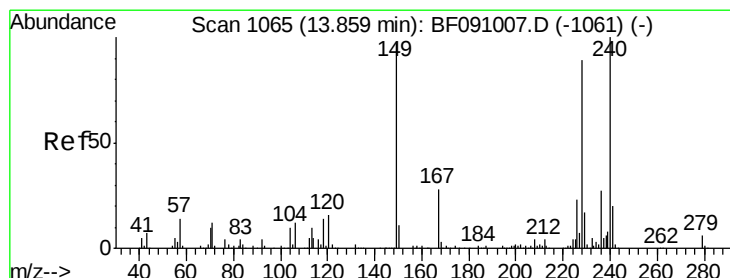
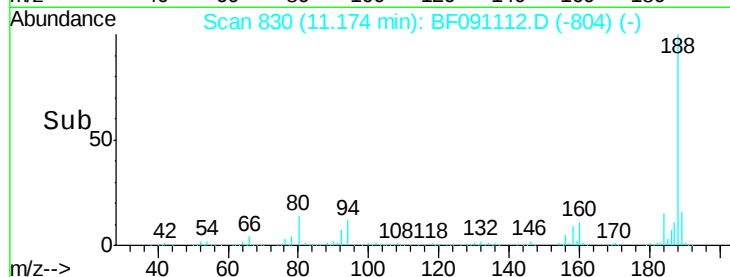
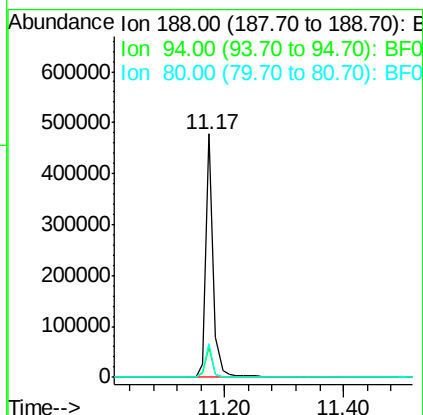
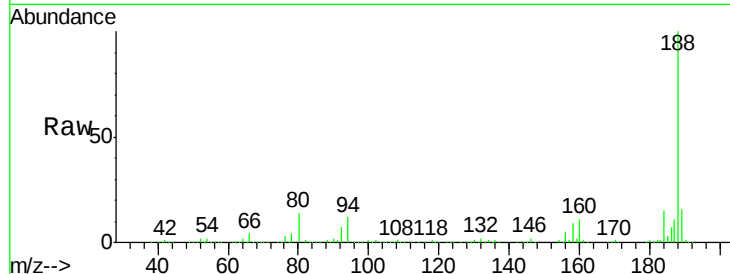




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091112.D
Acq: 9 Nov 2016 6:00

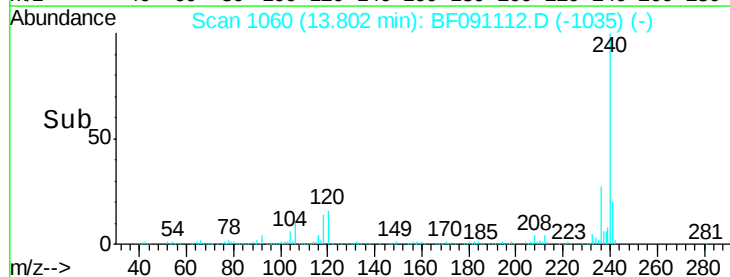
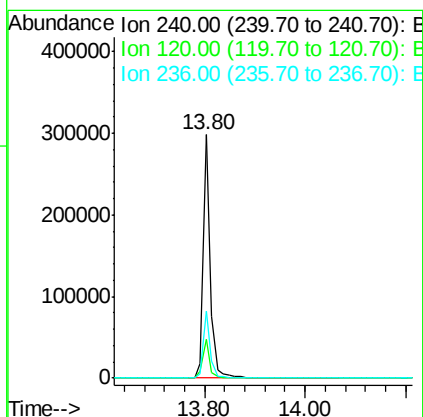
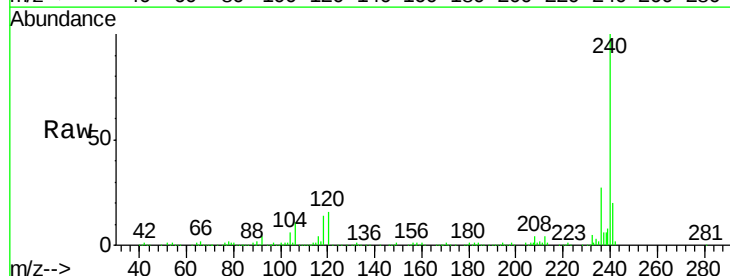
Instrument :
BNA_F
ClientSampleId :
CHA-1

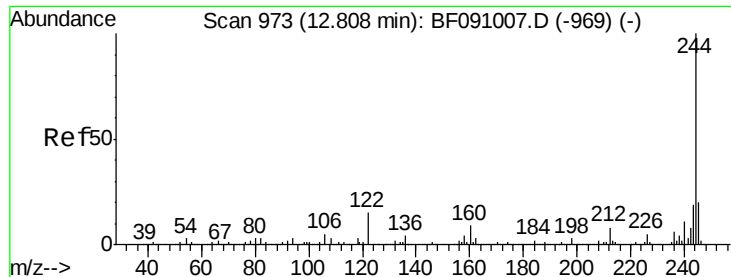
Tot Ion:188 Resp: 429040
Ion Ratio Lower Upper
188 100
94 12.2 7.0 10.4#
80 13.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091112.D
Acq: 9 Nov 2016 6:00

Tgt Ion:240 Resp: 290606
Ion Ratio Lower Upper
240 100
120 15.7 12.9 19.3
236 27.3 21.9 32.9

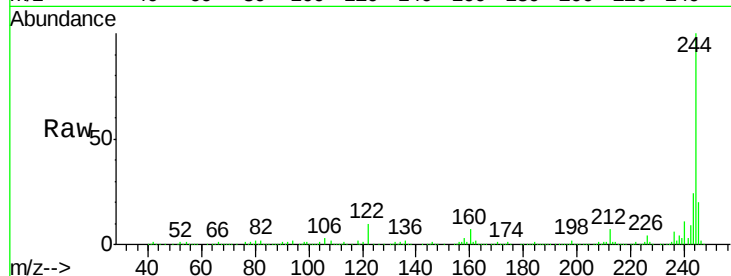




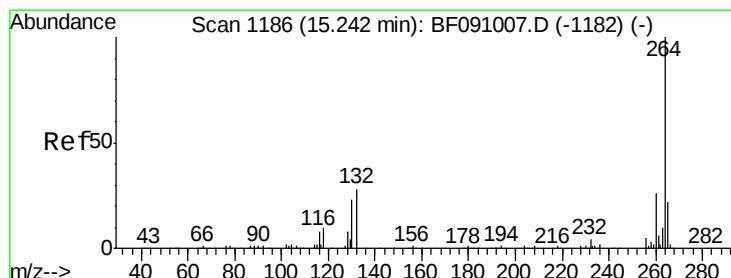
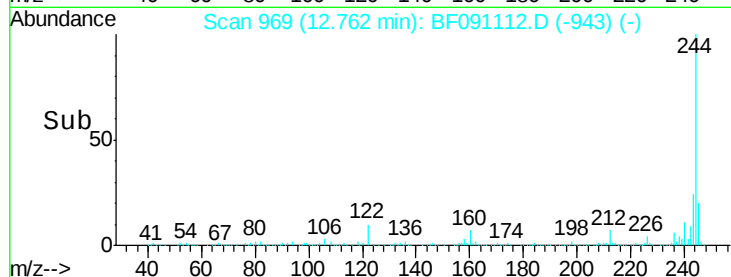
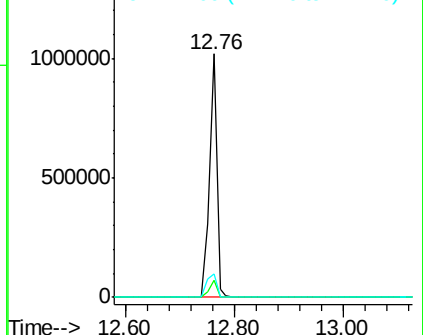
#78
 Terphenyl-d14
 Concen: 82.04 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091112.D
 Acq: 9 Nov 2016 6:00

Instrument :
 BNA_F
 ClientSampled :
 CHA-1

Tot Ion:244 Resp: 955350
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.4 9.6
 122 9.9 12.3 18.5#

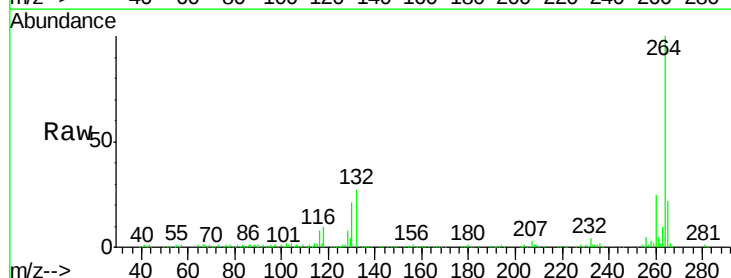


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF091112.D
 Acq: 9 Nov 2016 6:00

Tgt Ion:264 Resp: 254082
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.6 30.8
 265 21.6 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

