

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091398.D
 Acq On : 2 Dec 2016 19:24
 Operator : UM/SJ
 Sample : H5819-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113016-04

Quant Time: Dec 02 23:07:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

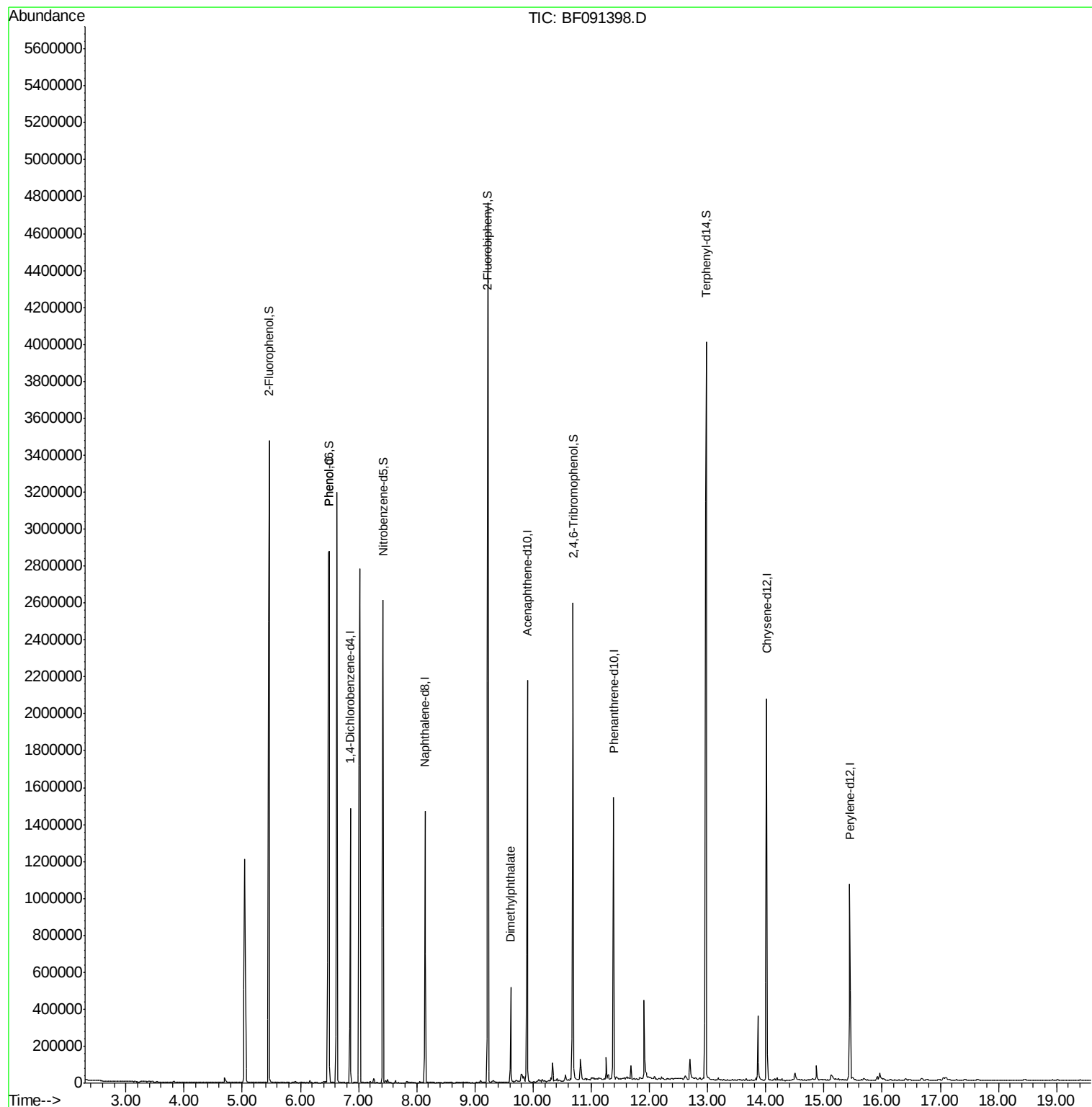
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	200586	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	760862	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	493068	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	842517	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	713375	20.00	ng	-0.03
86) Perylene-d12	15.44	264	519023	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1112557	90.61	ng	0.00
7) Phenol-d6	6.49	99	1427751	94.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	803596	59.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	441002	94.47	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1679987	61.69	ng	-0.02
78) Terphenyl-d14	12.97	244	1784958	54.38	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	52338	2.94	ng	Qvalue # 1
49) Dimethylphthalate	9.61	163	189727	6.35	ng	98

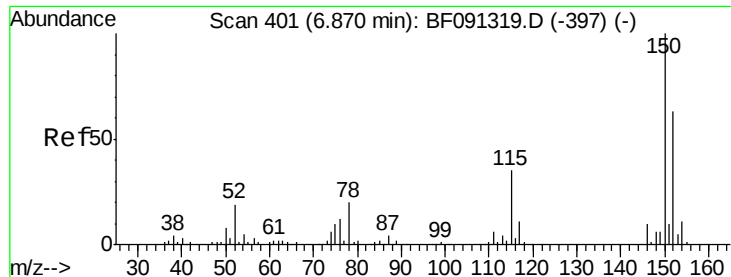
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091398.D
Acq On : 2 Dec 2016 19:24
Operator : UM/SJ
Sample : H5819-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
113016-04

Quant Time: Dec 02 23:07:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration



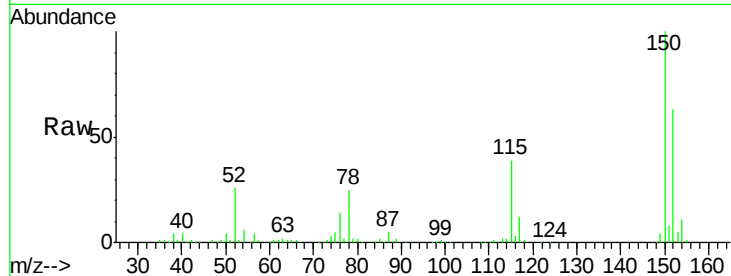


#1

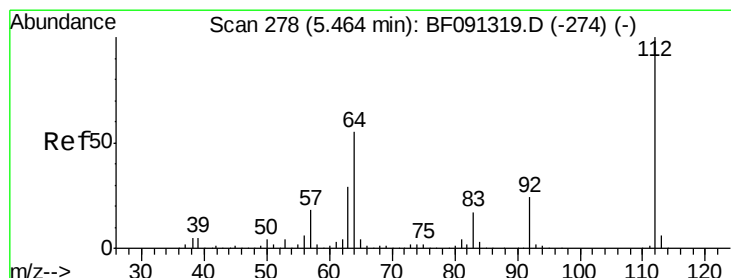
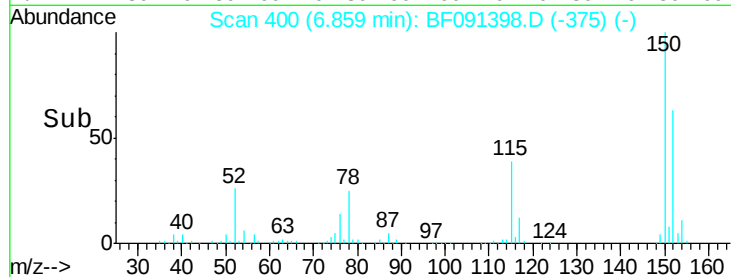
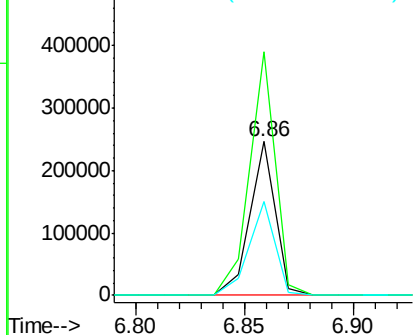
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Instrument :
BNA_F
ClientSampleId :
113016-04

Tgt Ion:152 Resp: 200586
Ion Ratio Lower Upper
152 100
150 158.2 122.5 183.7
115 60.9 51.8 77.8



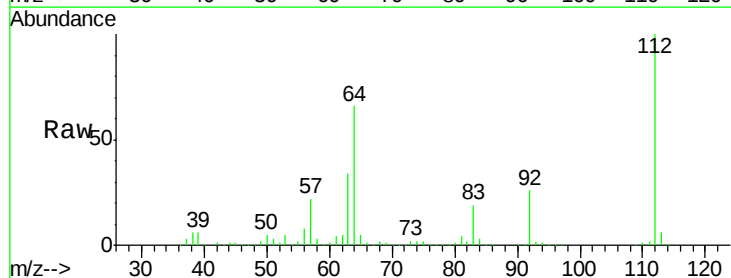
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



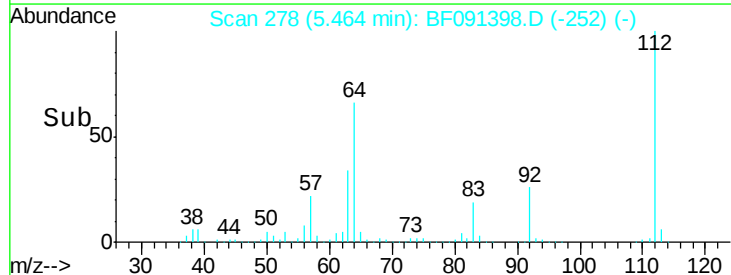
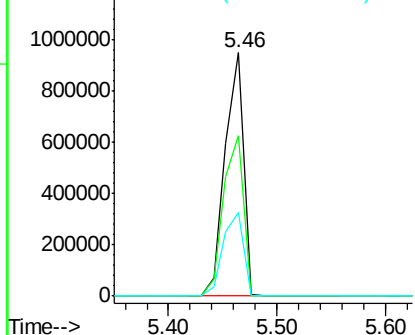
#5

2-Fluorophenol
Concen: 90.61 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:112 Resp: 1112557
Ion Ratio Lower Upper
112 100
64 65.7 61.5 92.3
63 34.4 33.3 49.9



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: 94.46 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091398.D

Acq: 2 Dec 2016 19:24

Instrument :

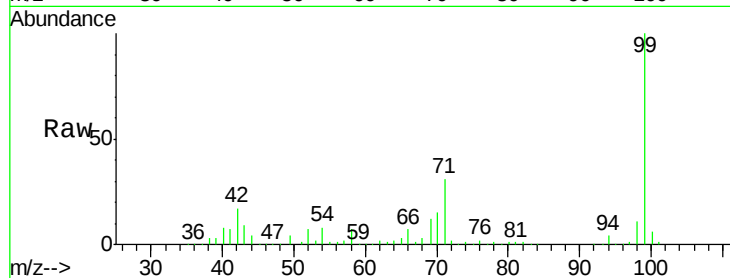
BNA_F

ClientSampleId :

113016-04

Tgt Ion: 99 Resp: 1427751

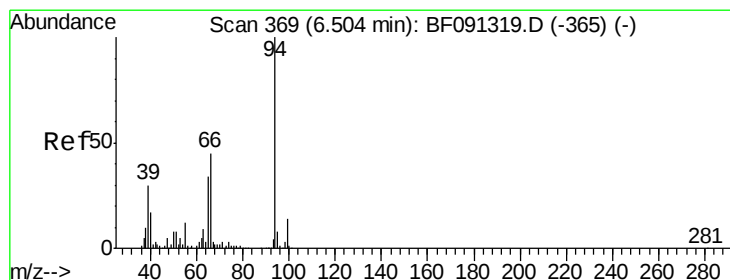
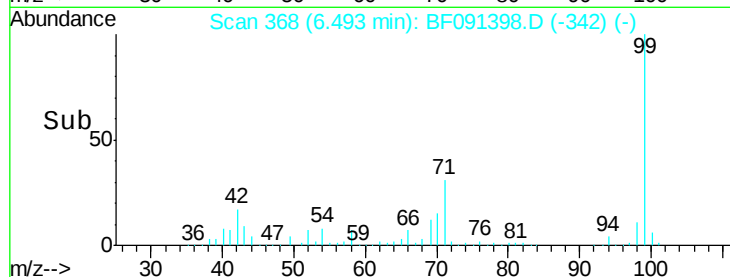
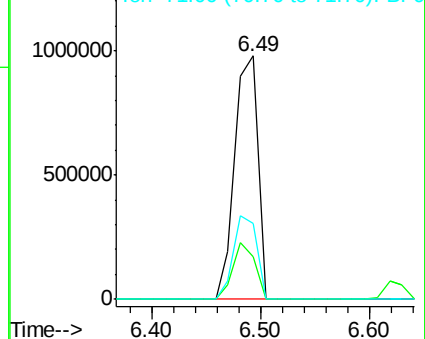
Ion	Ratio	Lower	Upper
99	100		
42	17.5	20.6	31.0#
71	31.3	29.9	44.9



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: 2.94 ng

RT: 6.49 min Scan# 368

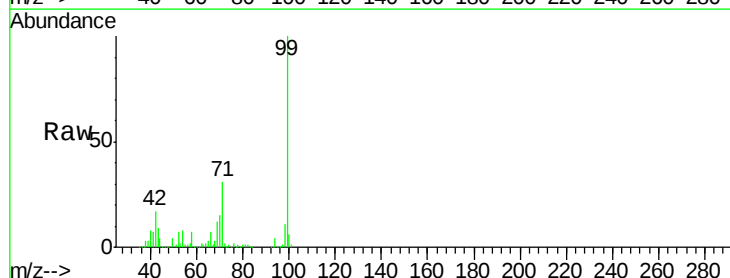
Delta R.T. -0.03 min

Lab File: BF091398.D

Acq: 2 Dec 2016 19:24

Tgt Ion: 94 Resp: 52338

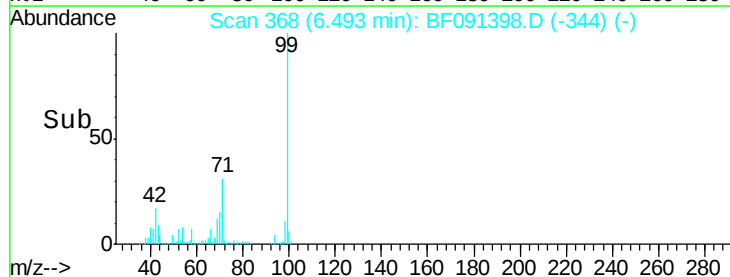
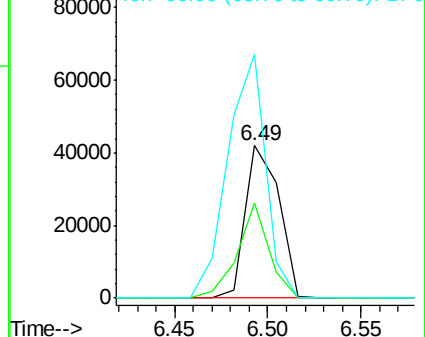
Ion	Ratio	Lower	Upper
94	100		
65	62.7	16.9	56.9#
66	160.0	30.6	70.6#

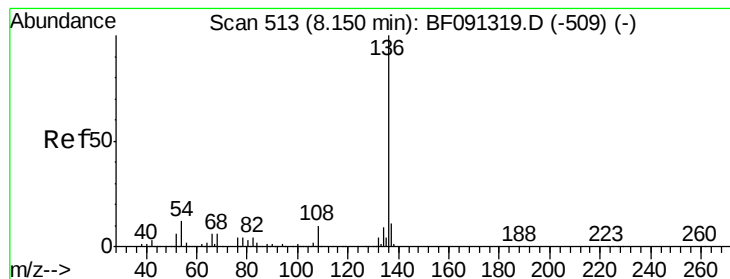


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091398.D

Acq: 2 Dec 2016 19:24

Instrument :

BNA_F

ClientSampleId :

113016-04

Tgt Ion: 136 Resp: 760862

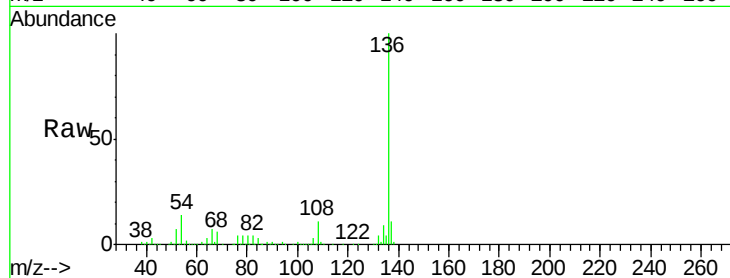
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 13.7 9.1 13.7#

68 6.1 5.9 8.9

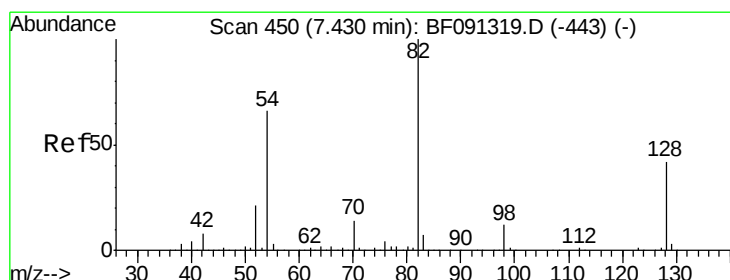
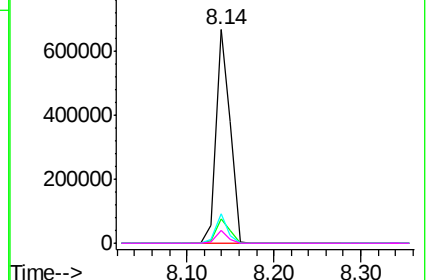
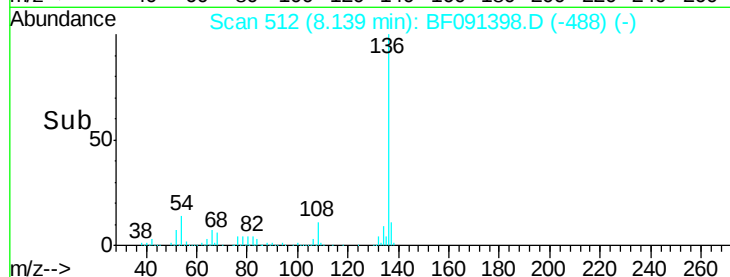


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.19 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091398.D

Acq: 2 Dec 2016 19:24

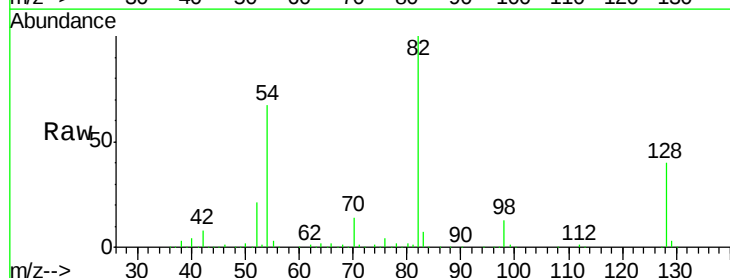
Tgt Ion: 82 Resp: 803596

Ion Ratio Lower Upper

82 100

128 40.3 31.8 47.6

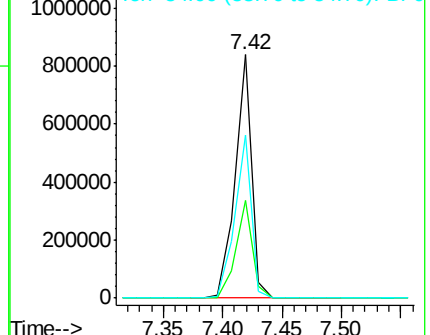
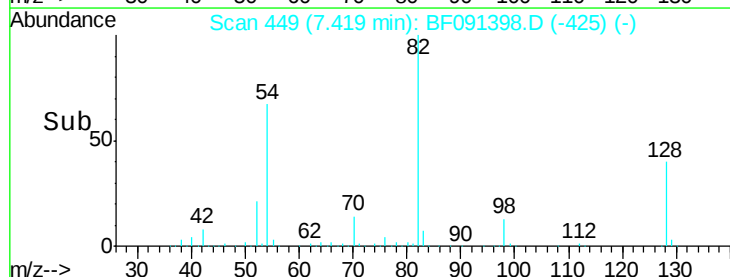
54 67.1 49.1 73.7

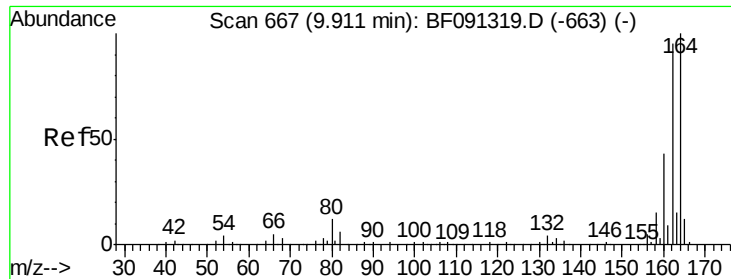


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091398.D

Acq: 2 Dec 2016 19:24

Instrument :

BNA_F

ClientSampleId :

113016-04

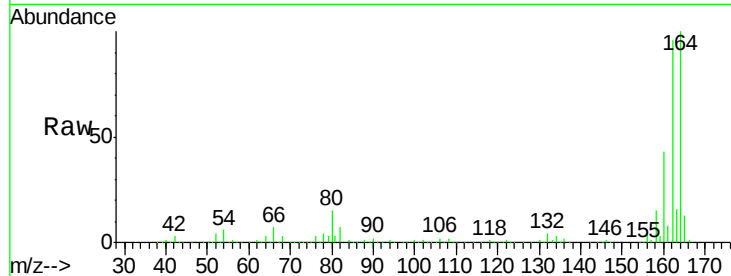
Tgt Ion:164 Resp: 493068

Ion Ratio Lower Upper

164 100

162 96.4 82.6 124.0

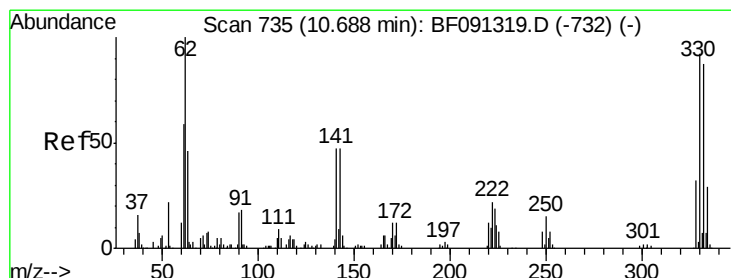
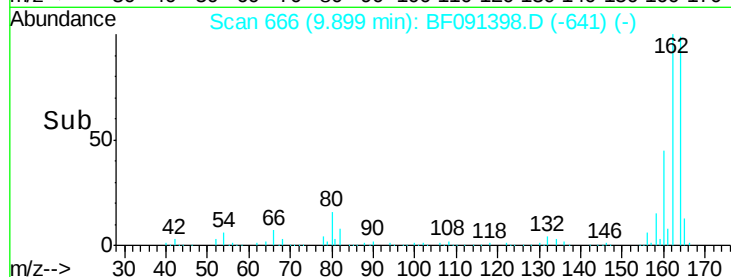
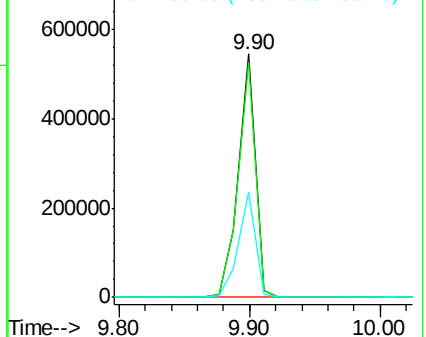
160 43.4 36.7 55.1



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: 94.47 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF091398.D

Acq: 2 Dec 2016 19:24

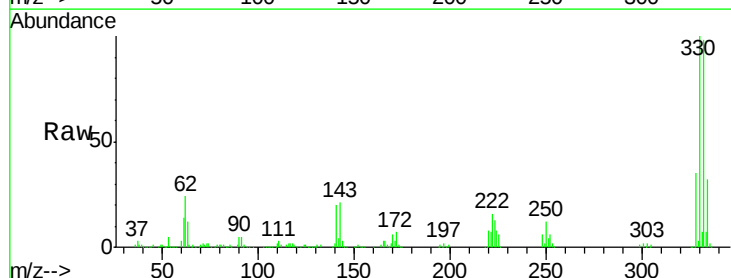
Tgt Ion:330 Resp: 441002

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

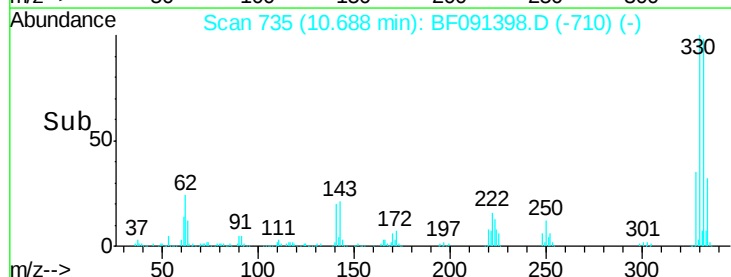
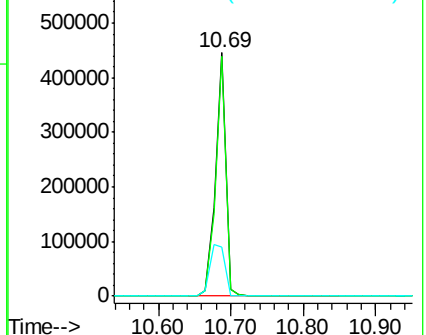
141 31.0 33.6 50.4#

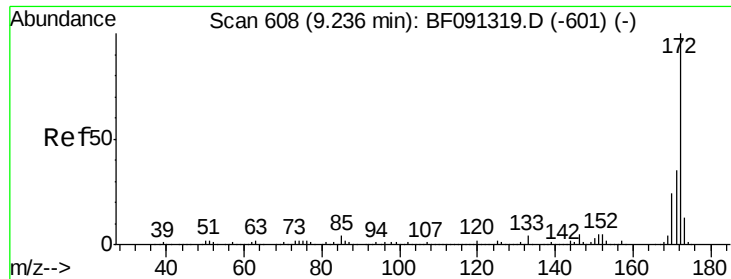


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

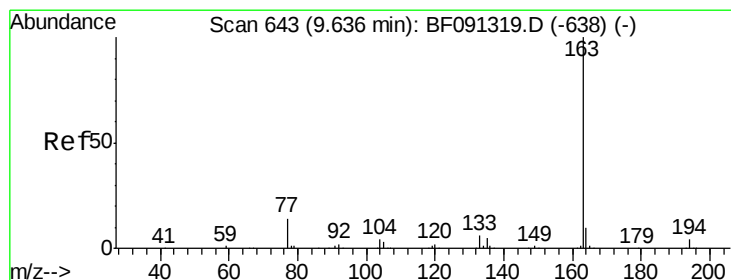
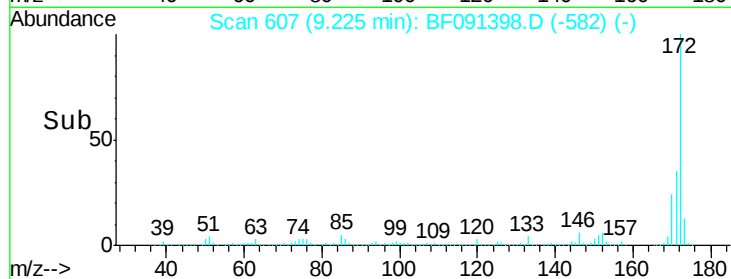
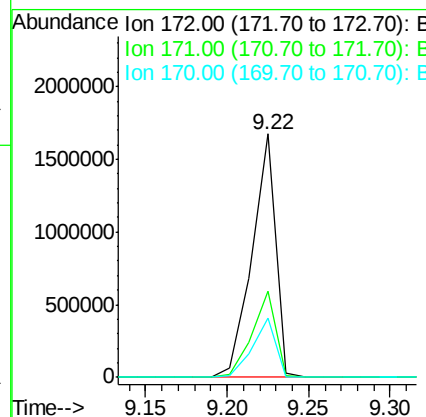
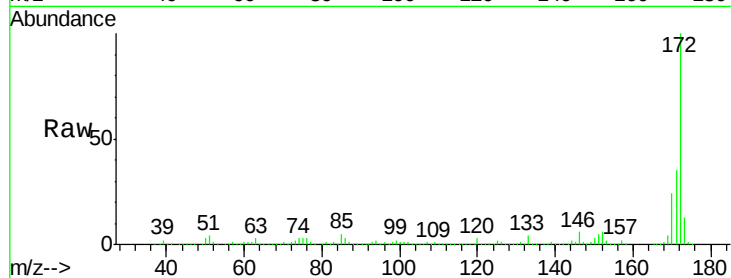




#44
2-Fluorobiphenyl
Concen: 61.69 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

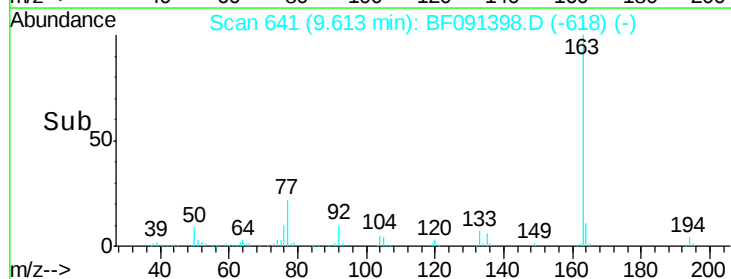
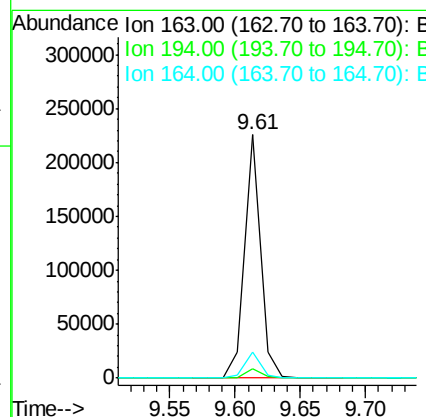
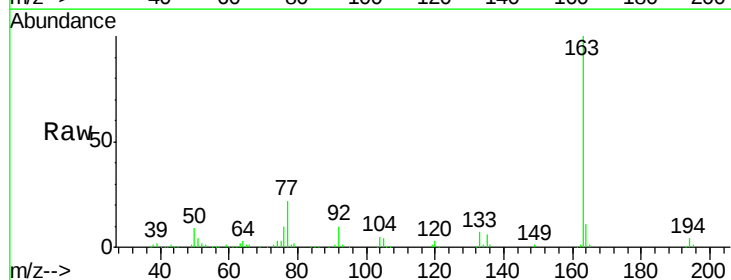
Instrument :
BNA_F
ClientSampleId :
113016-04

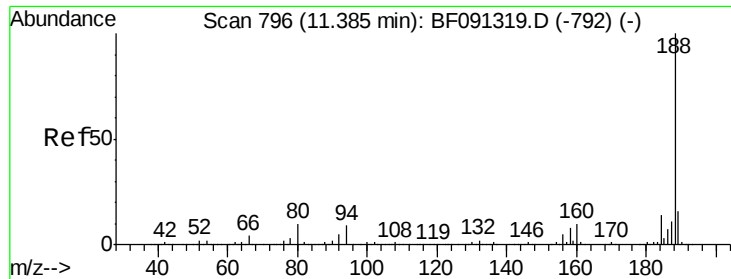
Tgt Ion:172 Resp: 1679987
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.0
170 24.1 19.7 29.5



#49
Dimethylphthalate
Concen: 6.35 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:163 Resp: 189727
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.8 7.8 11.8

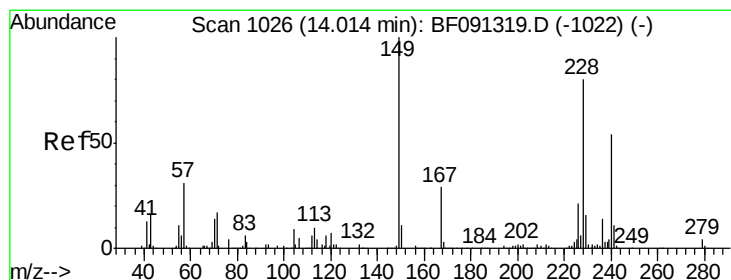
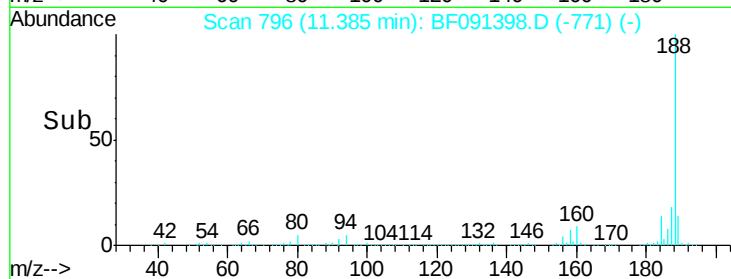
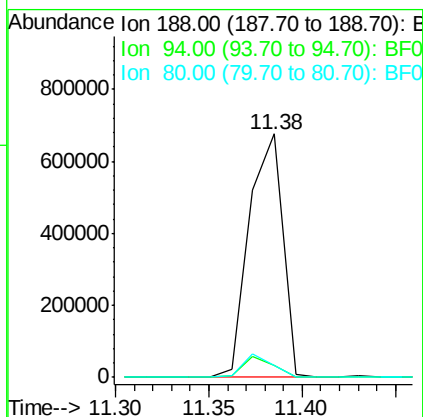
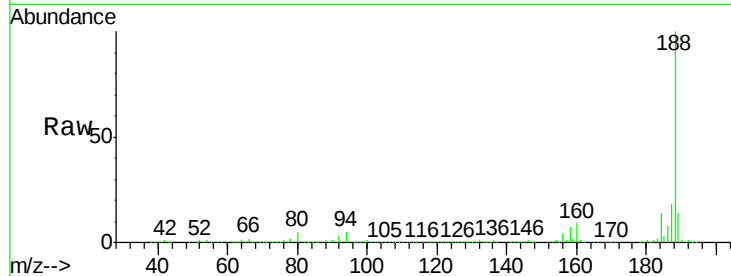




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

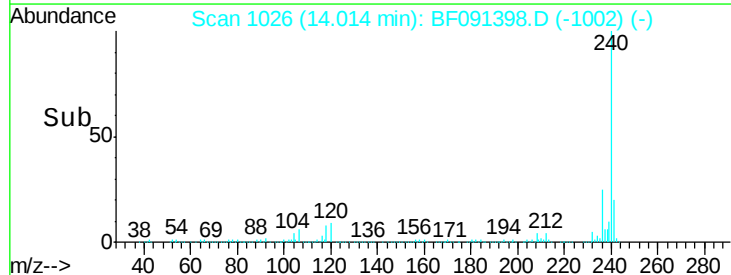
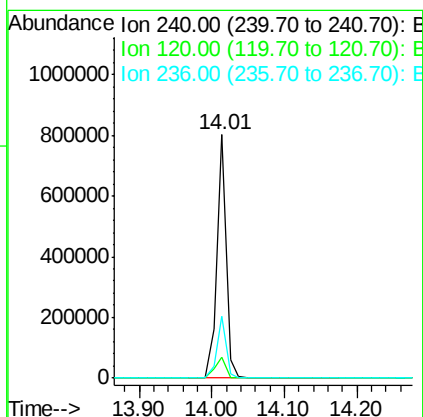
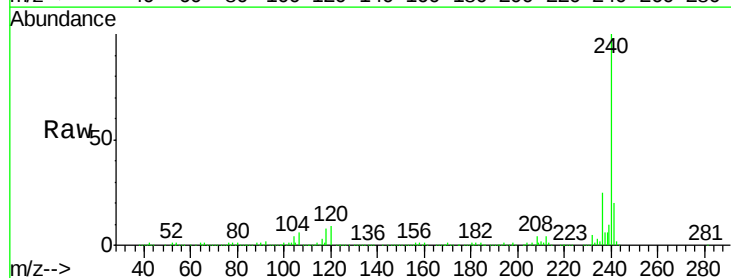
Instrument :
BNA_F
ClientSampleId :
113016-04

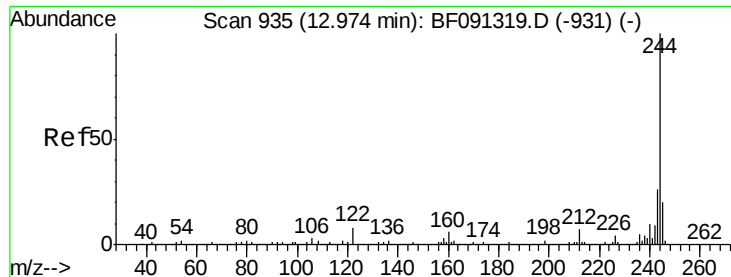
Tgt Ion:188 Resp: 842517
Ion Ratio Lower Upper
188 100
94 4.8 9.2 13.8#
80 4.8 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091398.D
Acq: 2 Dec 2016 19:24

Tgt Ion:240 Resp: 713375
Ion Ratio Lower Upper
240 100
120 8.8 12.1 18.1#
236 25.5 21.0 31.6

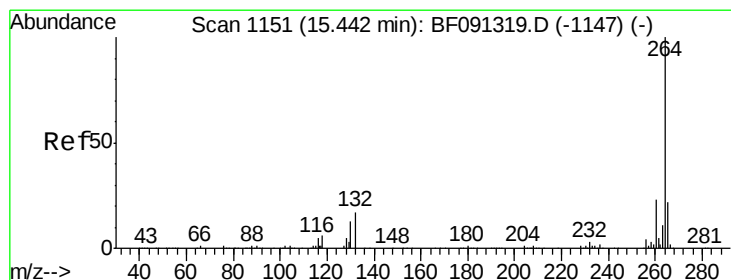
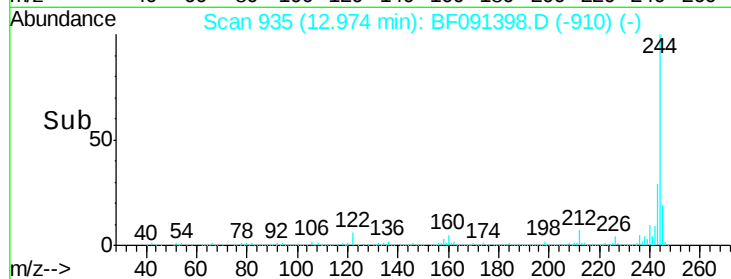
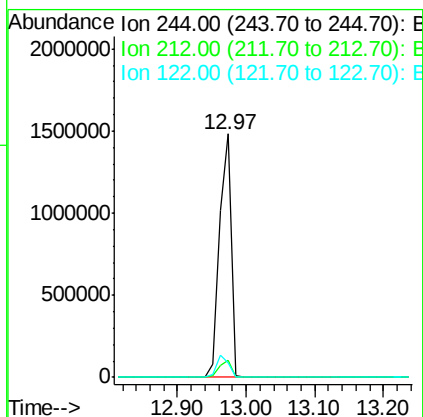
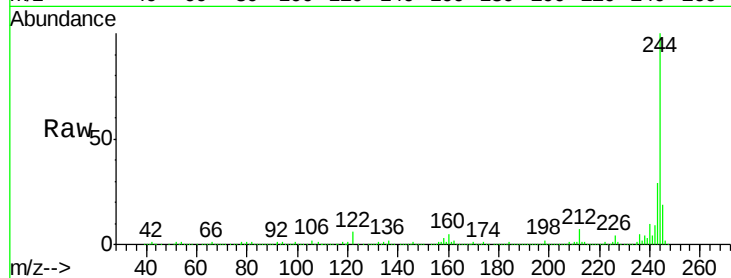




#78
 Terphenyl-d14
 Concen: 54.38 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091398.D
 Acq: 2 Dec 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 113016-04

Tgt Ion:244 Resp: 1784958
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 5.9 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091398.D
 Acq: 2 Dec 2016 19:24

Tgt Ion:264 Resp: 519023
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.7 17.0 25.6

