

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091974.D
 Acq On : 27 Dec 2016 18:15
 Operator : UM/SJ
 Sample : H6241-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Dec 28 00:52:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

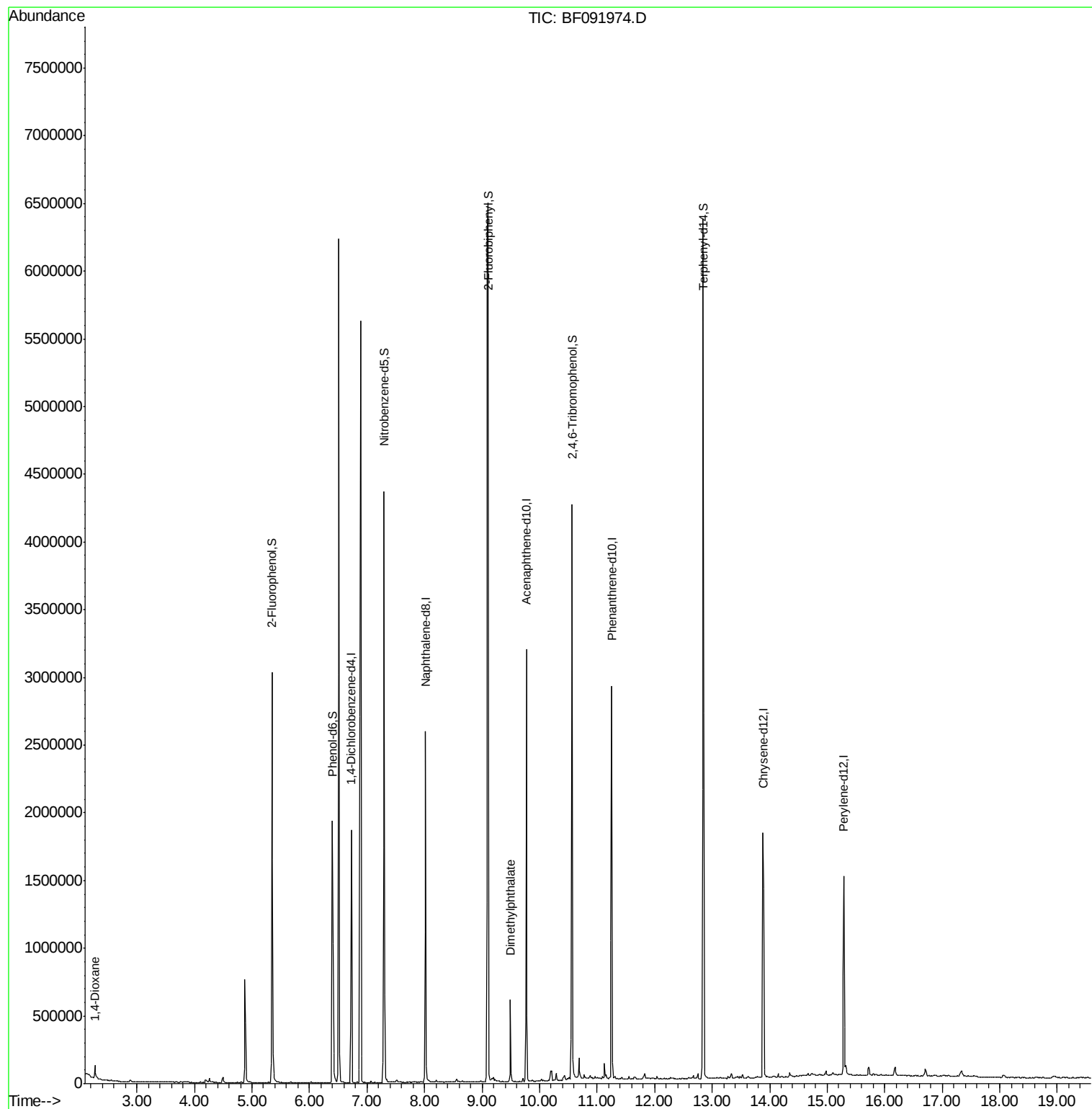
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	275382	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1367296	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	670637	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	1112882	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	846397	20.00	ng	-0.02
86) Perylene-d12	15.29	264	657990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1043062	63.24	ng	0.00
7) Phenol-d6	6.40	99	837730	41.60	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1689777	68.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	681055	122.71	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	3288812	103.25	ng	-0.01
78) Terphenyl-d14	12.84	244	2583143	74.02	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.27	88	51832	6.38	ng	# 95
49) Dimethylphthalate	9.49	163	232909	5.43	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: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091974.D

Acq: 27 Dec 2016 18:15

Instrument :

BNA_F

ClientSampleId :

MW-4

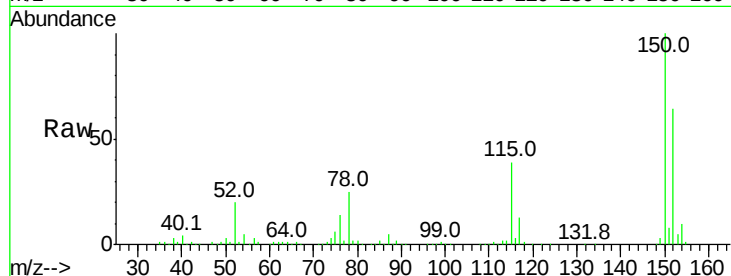
Tot Ion:152 Resp: 275382

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

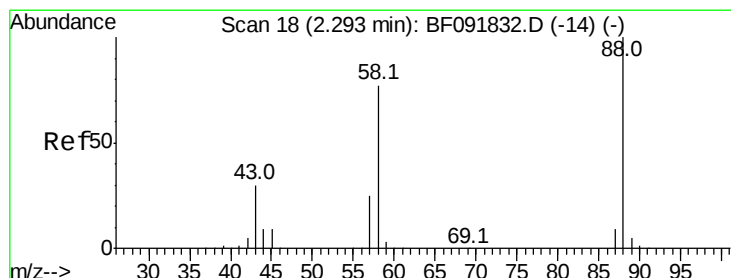
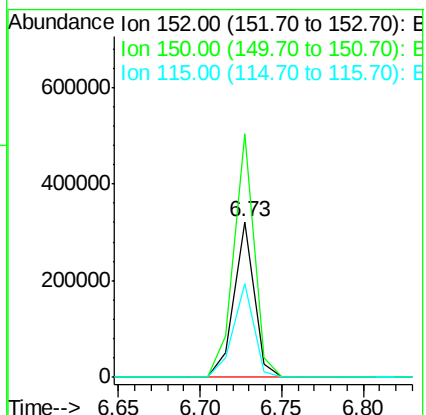
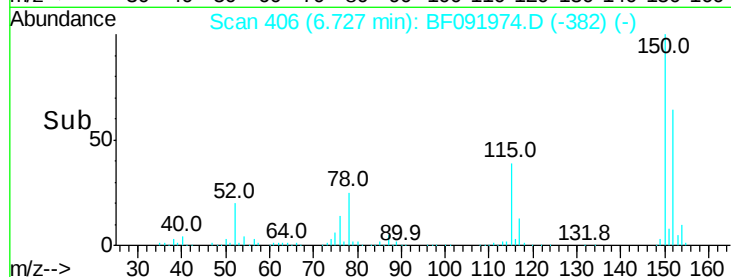
115 60.7 46.0 69.0



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



#2

1,4-Dioxane

Concen: 6.38 ng

RT: 2.27 min Scan# 16

Delta R.T. -0.02 min

Lab File: BF091974.D

Acq: 27 Dec 2016 18:15

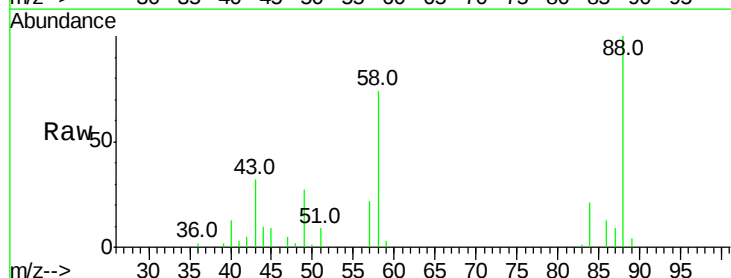
Tgt Ion: 88 Resp: 51832

Ion Ratio Lower Upper

88 100

58 74.3 57.8 86.8

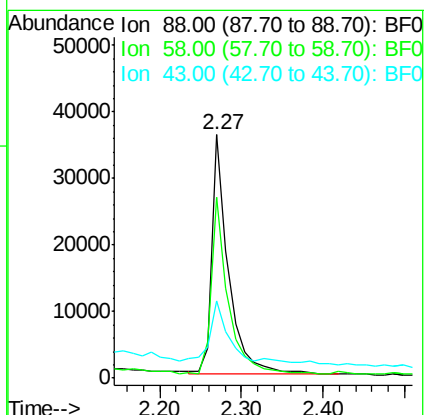
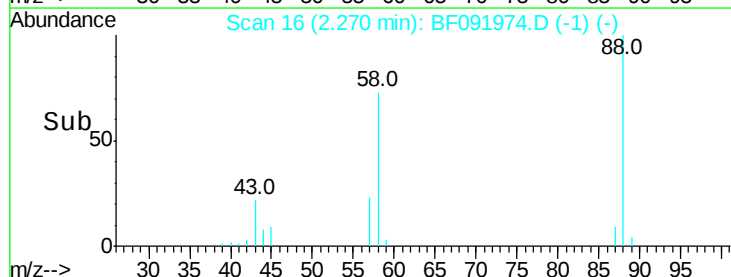
43 34.4 22.3 33.5#

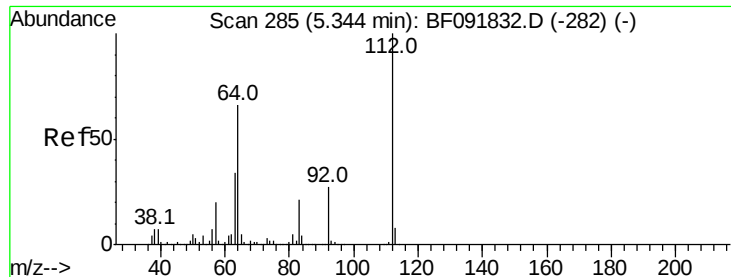


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 63.24 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091974.D

Acq: 27 Dec 2016 18:15

Instrument :

BNA_F

ClientSampleId :

MW-4

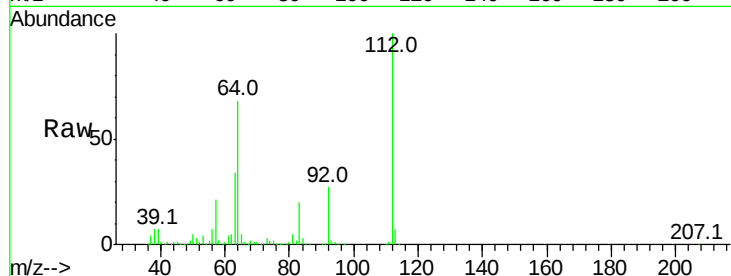
Tot Ion:112 Resp: 1043062

Ion Ratio Lower Upper

112 100

64 67.6 46.1 69.1

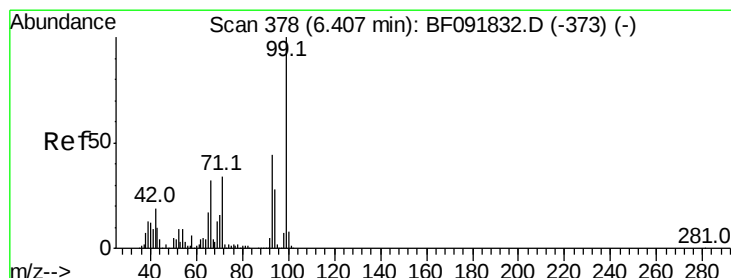
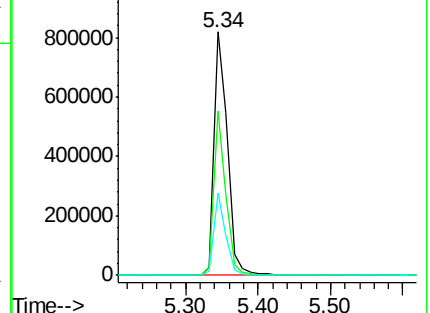
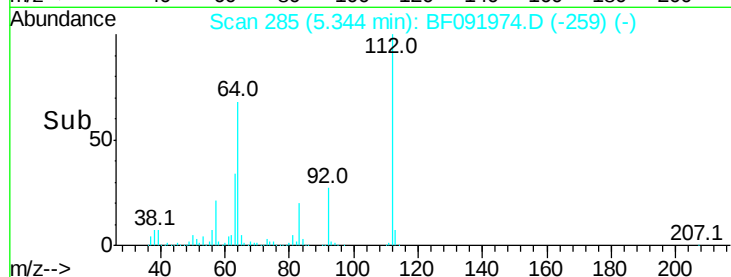
63 33.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 41.60 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091974.D

Acq: 27 Dec 2016 18:15

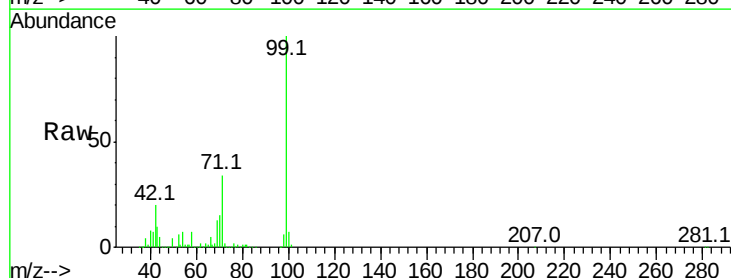
Tgt Ion: 99 Resp: 837730

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

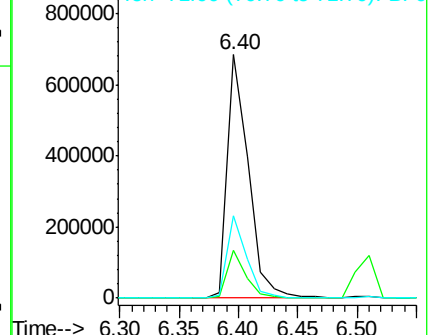
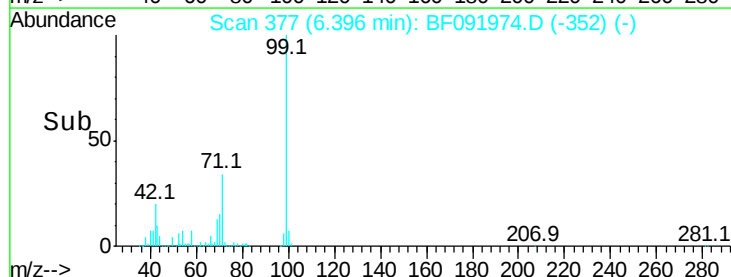
71 33.7 27.5 41.3

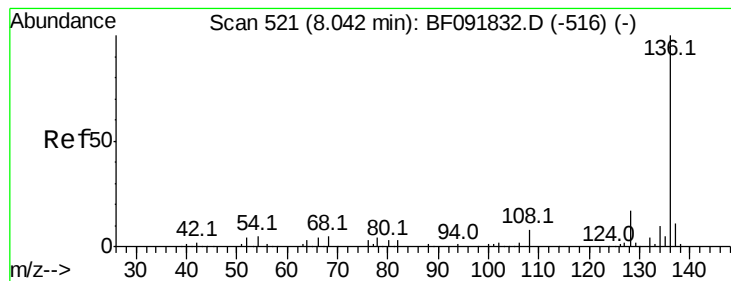


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091974.D

Acq: 27 Dec 2016 18:15

Instrument :

BNA_F

ClientSampleId :

MW-4

Tot Ion:136 Resp: 1367296

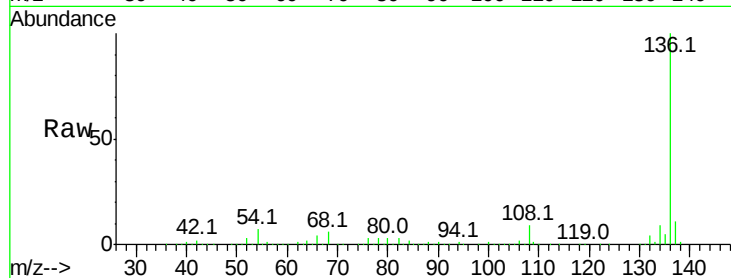
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.7	4.5	6.7
68	6.1	3.6	5.4

136 100

137 11.2 8.4 12.6

54 6.7 4.5 6.7

68 6.1 3.6 5.4



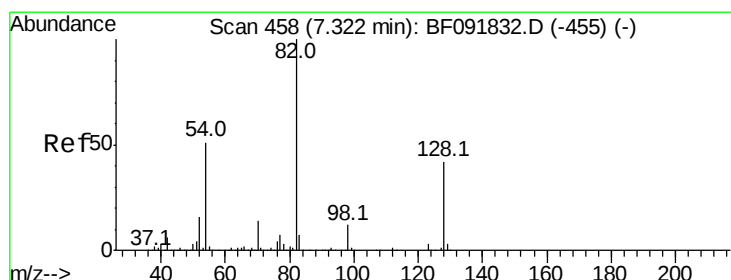
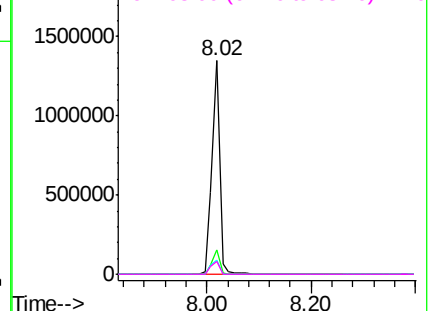
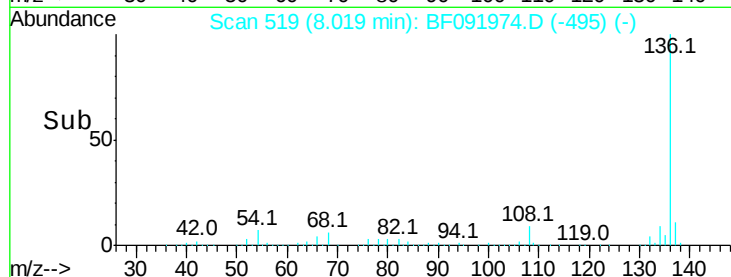
Abundance

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: 68.72 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF091974.D

Acq: 27 Dec 2016 18:15

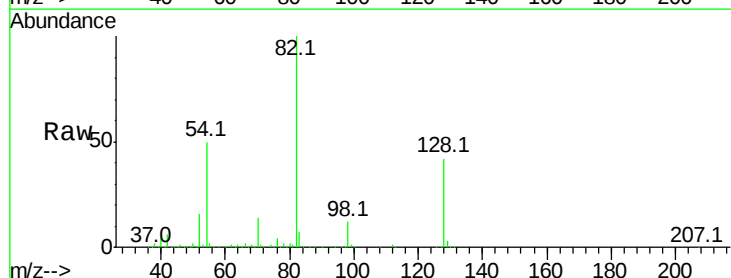
Tgt Ion: 82 Resp: 1689777

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	50.2	39.5	59.3

82 100

128 42.1 34.6 52.0

54 50.2 39.5 59.3

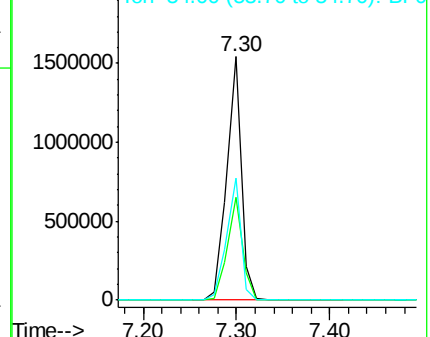
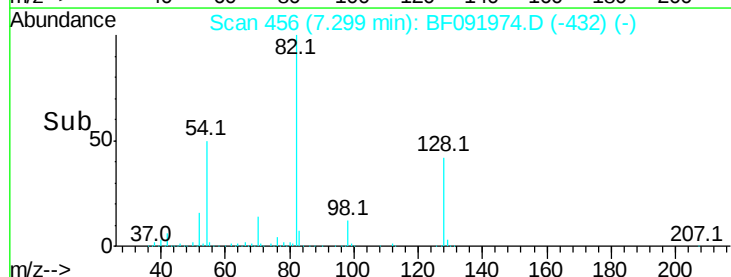


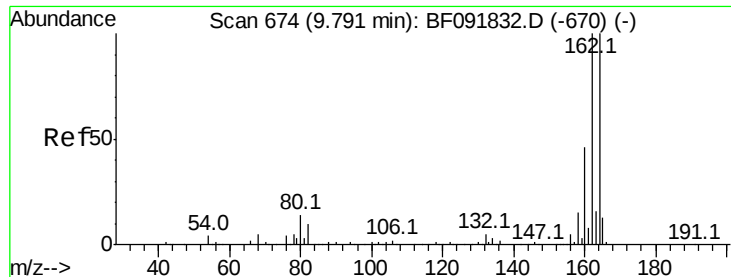
Abundance

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

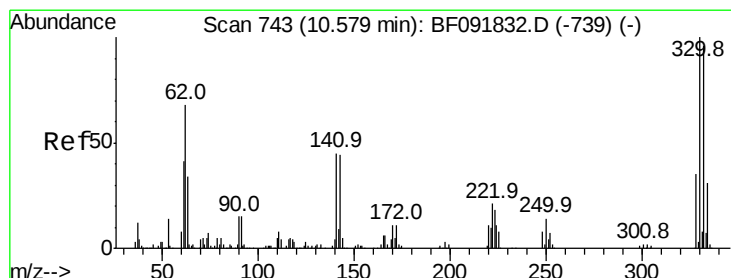
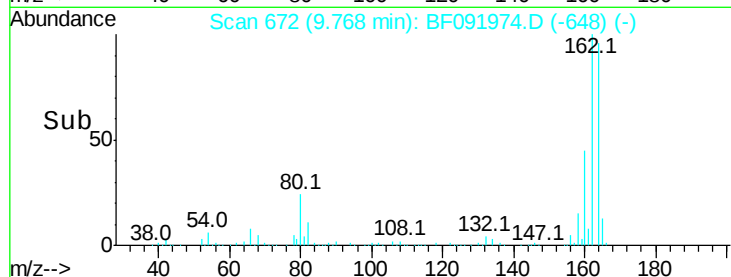
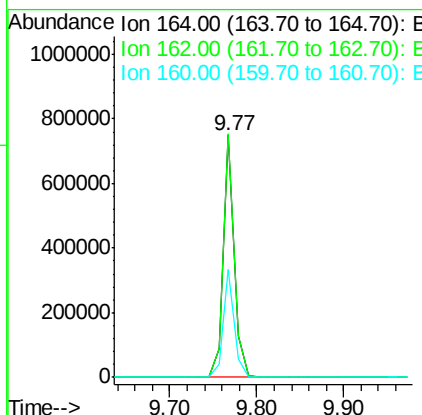
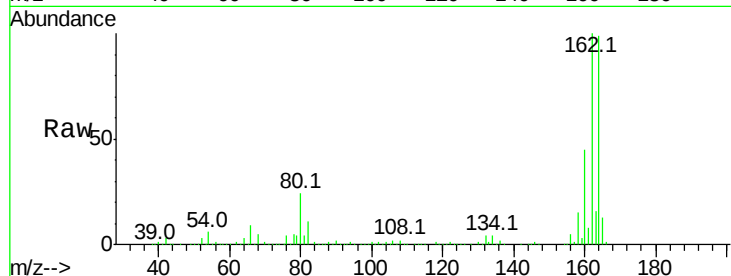




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091974.D
Acq: 27 Dec 2016 18:15

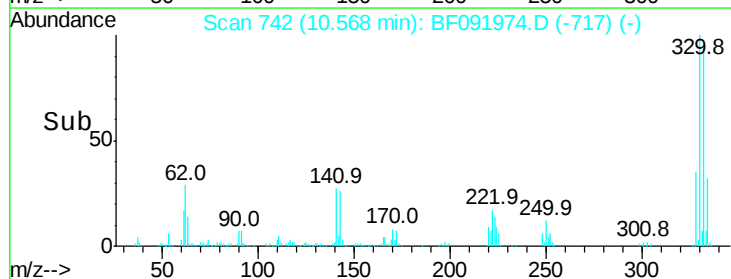
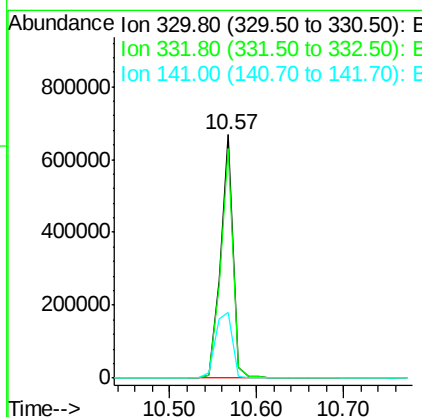
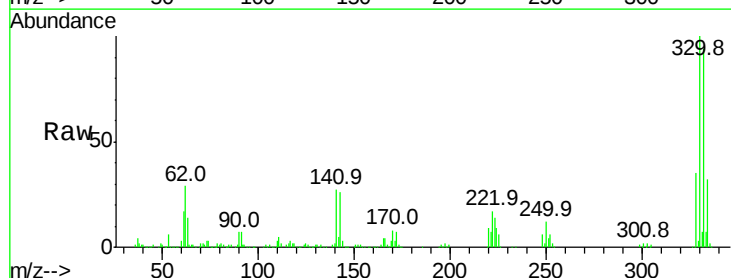
Instrument :
BNA_F
ClientSampleId :
MW-4

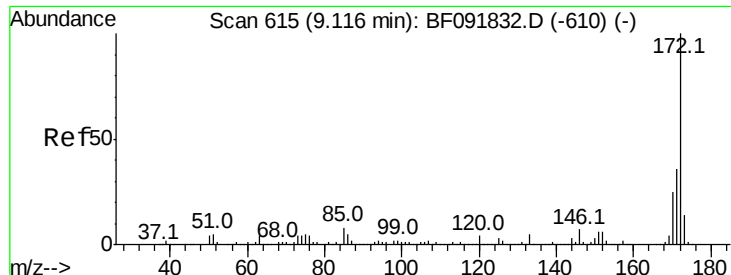
Tot Ion:164 Resp: 670637
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 44.8 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 122.71 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091974.D
Acq: 27 Dec 2016 18:15

Tgt Ion:330 Resp: 681055
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.2
141 36.9 34.1 51.1

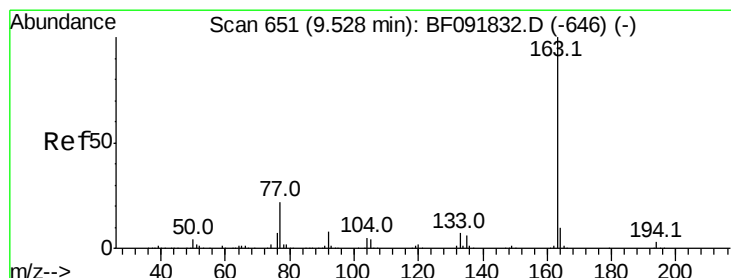
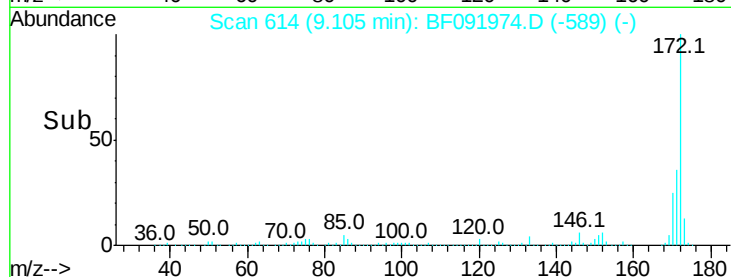
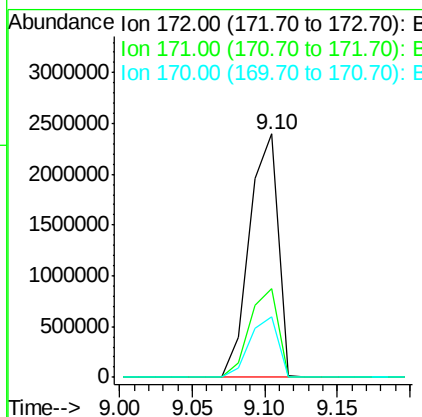
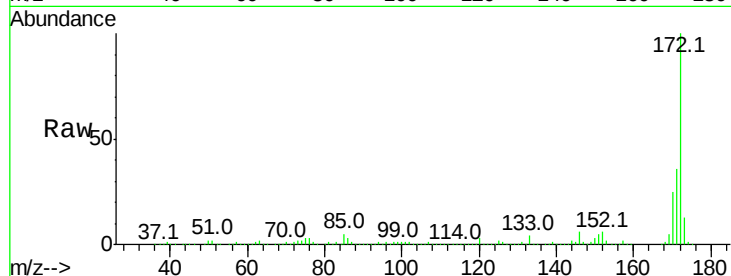




#44
2-Fluorobiphenyl
Concen: 103.25 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091974.D
Acq: 27 Dec 2016 18:15

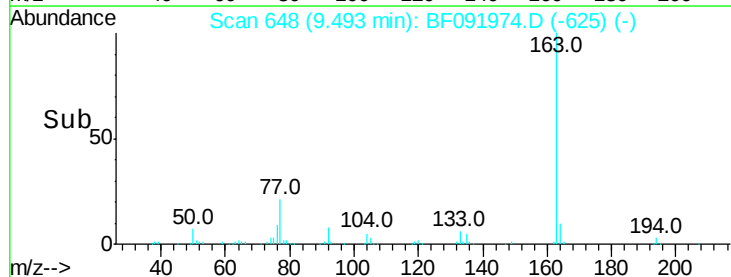
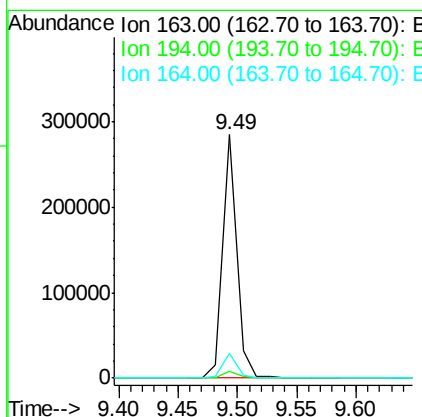
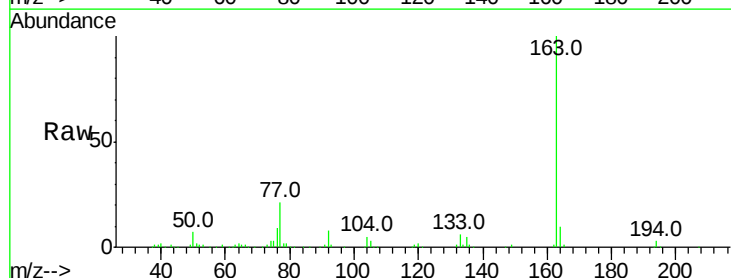
Instrument :
BNA_F
ClientSampleId :
MW-4

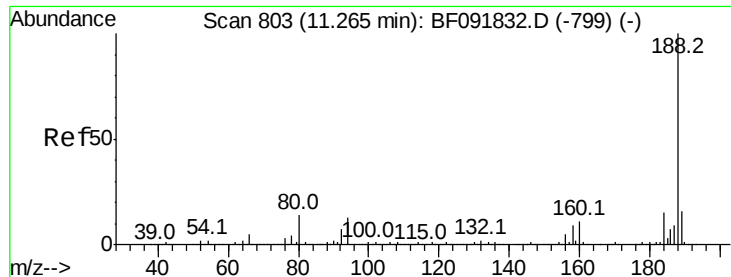
Tot Ion:172 Resp: 3288812
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.8 20.2 30.4



#49
Dimethylphthalate
Concen: 5.43 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF091974.D
Acq: 27 Dec 2016 18:15

Tgt Ion:163 Resp: 232909
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.2 8.0 12.0

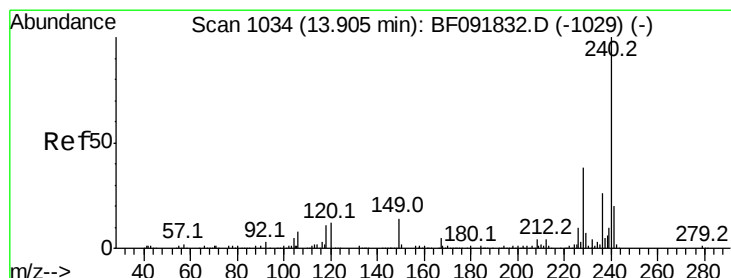
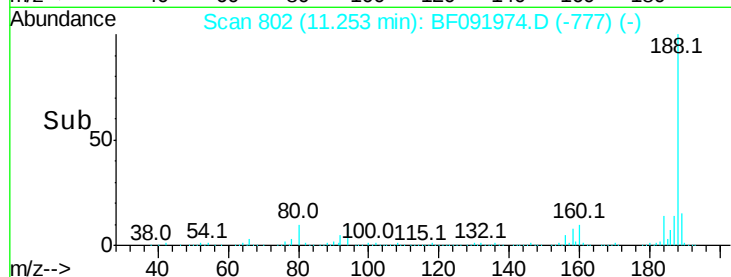
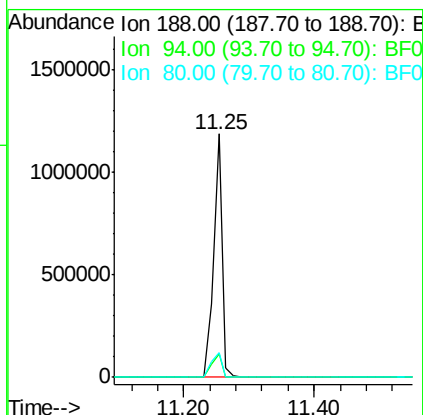
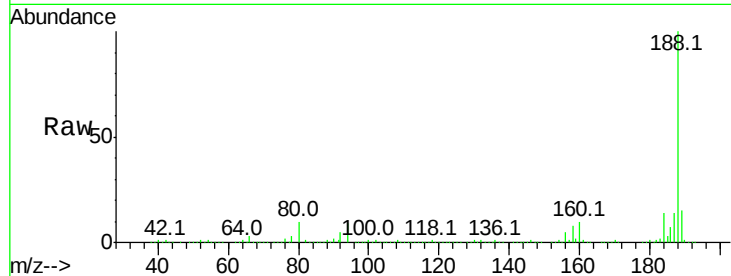




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091974.D
Acq: 27 Dec 2016 18:15

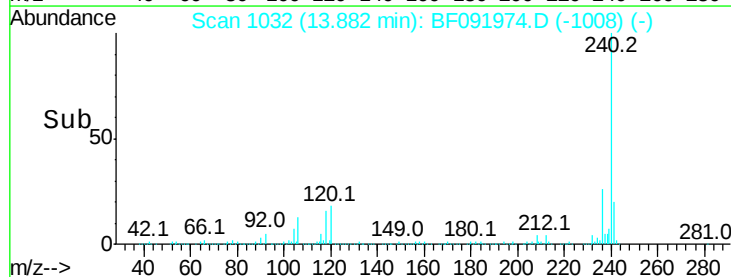
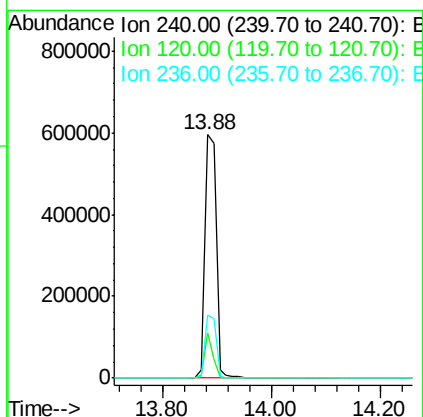
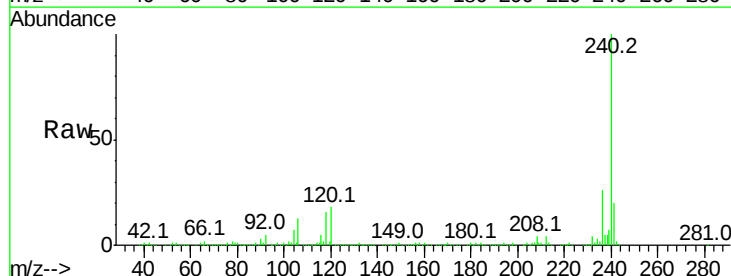
Instrument :
BNA_F
ClientSampleId :
MW-4

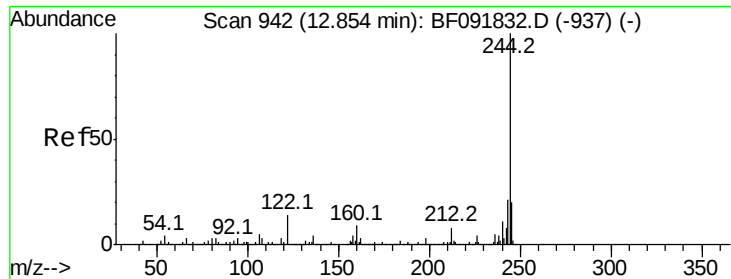
Tot Ion:188 Resp: 1112882
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 10.0 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091974.D
Acq: 27 Dec 2016 18:15

Tgt Ion:240 Resp: 846397
Ion Ratio Lower Upper
240 100
120 18.3 12.9 19.3
236 25.8 20.9 31.3

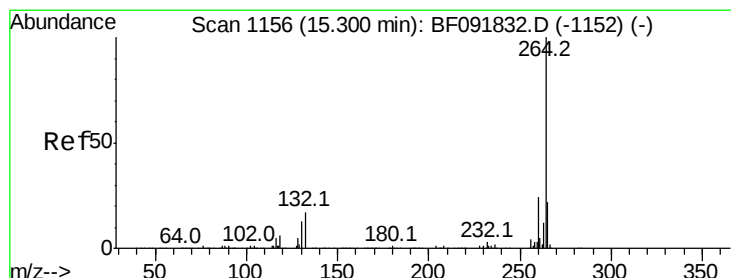
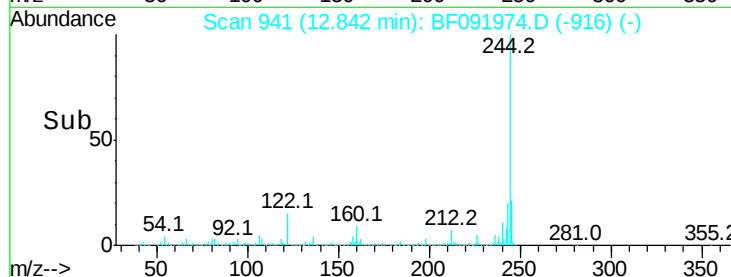
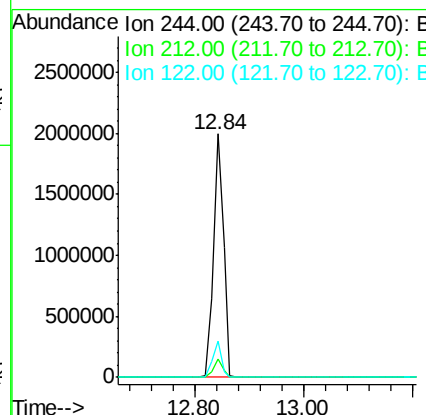
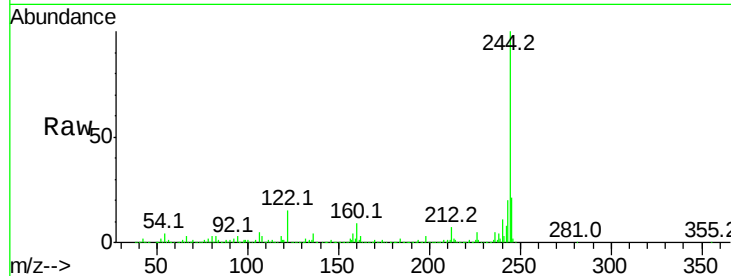




#78
 Terphenyl-d14
 Concen: 74.02 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091974.D
 Acq: 27 Dec 2016 18:15

Instrument :
 BNA_F
 ClientSampled :
 MW-4

Tot Ion:244 Resp: 2583143
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 14.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091974.D
 Acq: 27 Dec 2016 18:15

Tgt Ion:264 Resp: 657990
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.2 17.4 26.0

