

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091451.D
 Acq On : 6 Dec 2016 11:33
 Operator : UM/SJ
 Sample : H5825-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-W-1

Quant Time: Dec 07 00:15:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 00:12:14 2016
 Response via : Initial Calibration

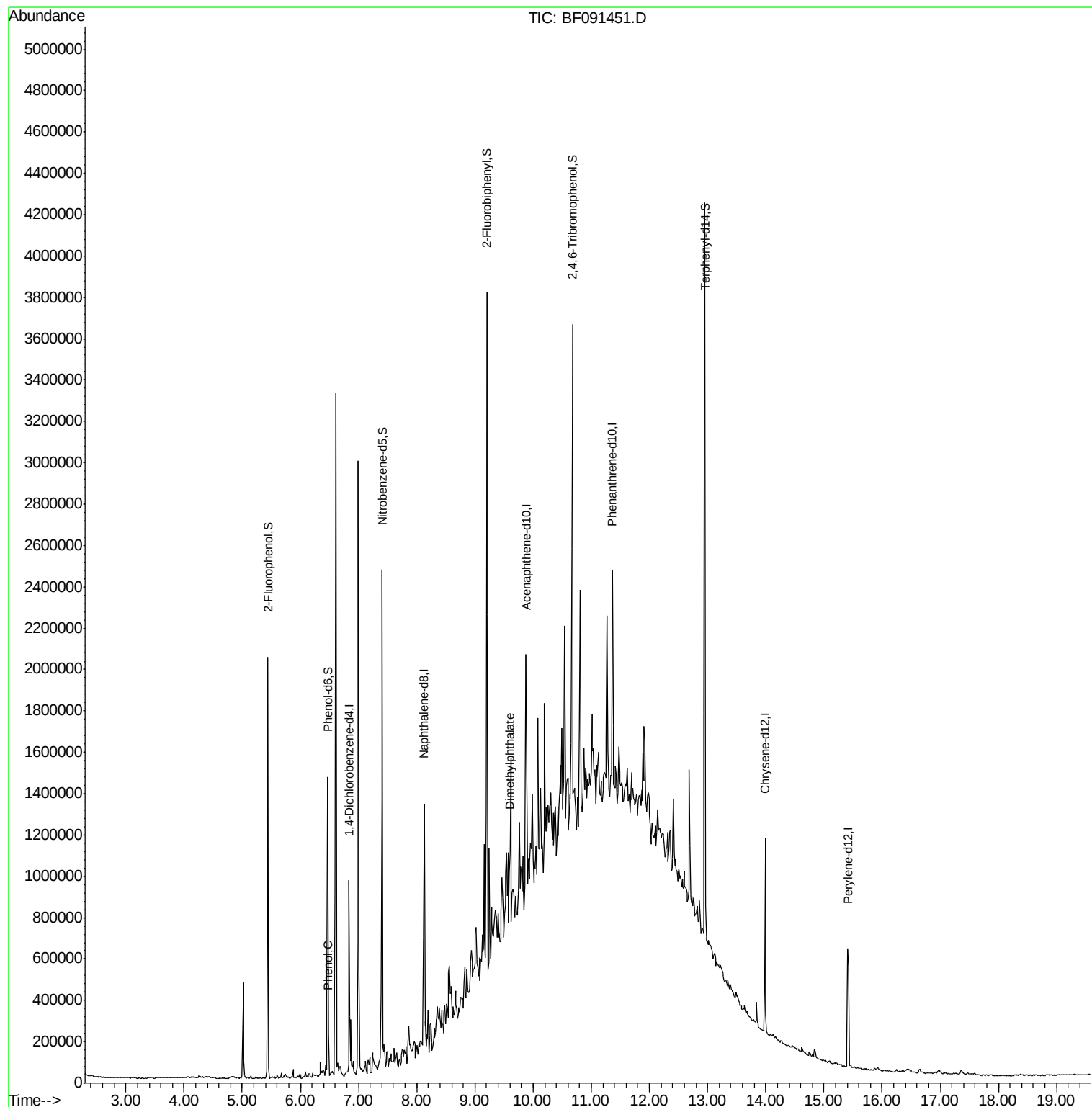
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	131681	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	541299	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	277481	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	434141	20.00	ng	0.00
75) Chrysene-d12	13.99	240	330641	20.00	ng	0.00
86) Perylene-d12	15.41	264	327650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	497530	61.72	ng	0.00
7) Phenol-d6	6.47	99	402077	40.52	ng	0.00
23) Nitrobenzene-d5	7.41	82	865825	89.64	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	363408	138.34	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	1402659	91.53	ng	0.00
78) Terphenyl-d14	12.95	244	1140517	74.97	ng	0.01
Target Compounds						
10) Phenol	6.48	94	32108	2.75	ng	94
49) Dimethylphthalate	9.60	163	36556	2.18	ng	# 91

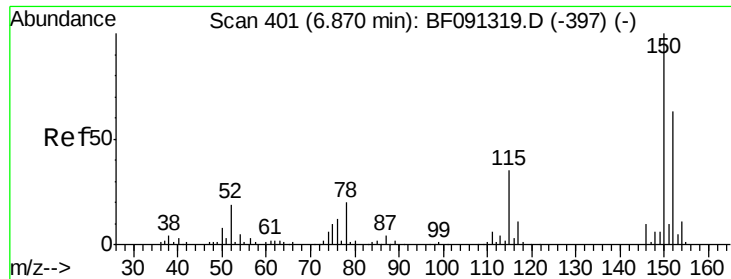
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 07 00:12:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

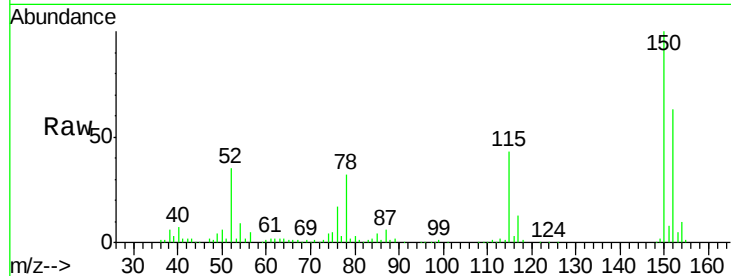
Tgt Ion:152 Resp: 131681

Ion Ratio Lower Upper

152 100

150 158.1 122.5 183.7

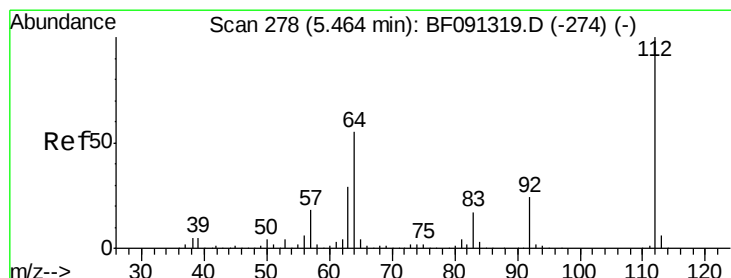
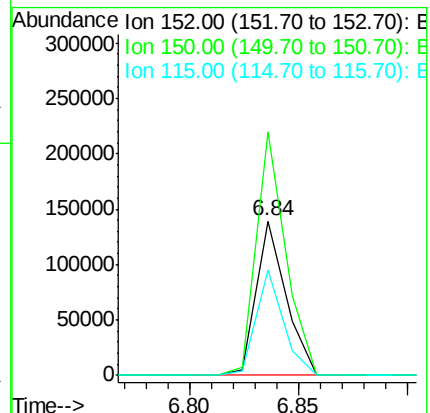
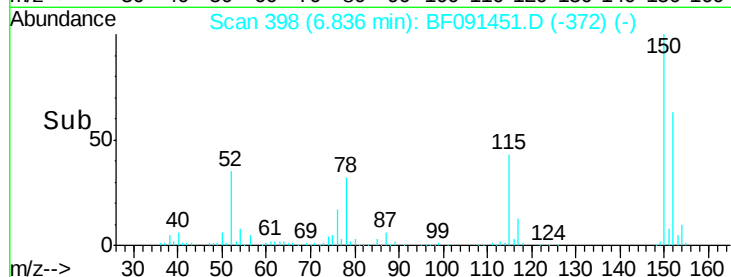
115 68.3 51.8 77.8



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: 61.72 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

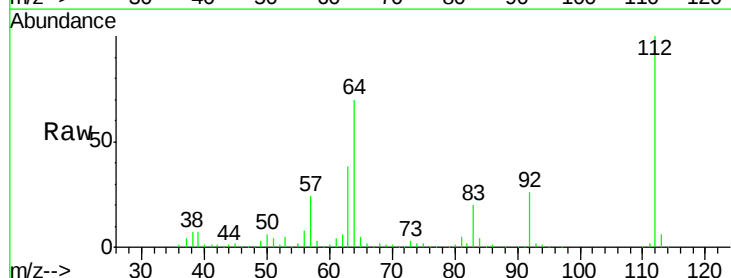
Tgt Ion:112 Resp: 497530

Ion Ratio Lower Upper

112 100

64 70.3 61.5 92.3

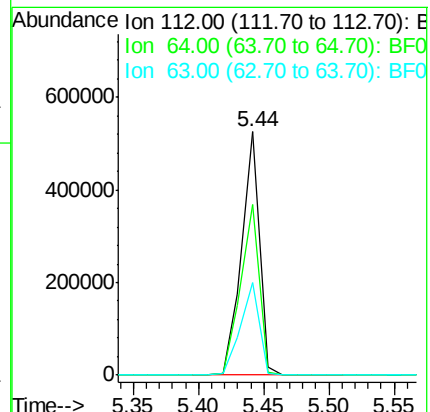
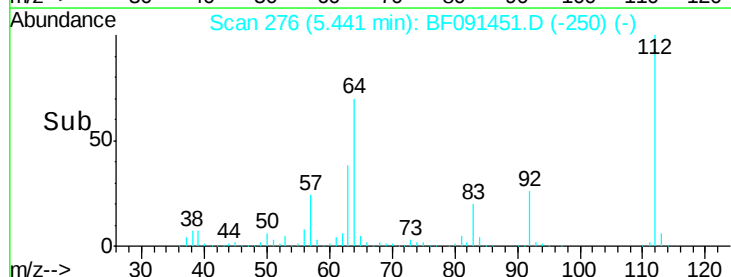
63 38.1 33.3 49.9

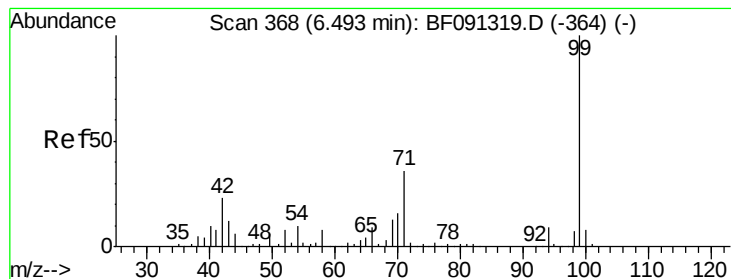


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.52 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

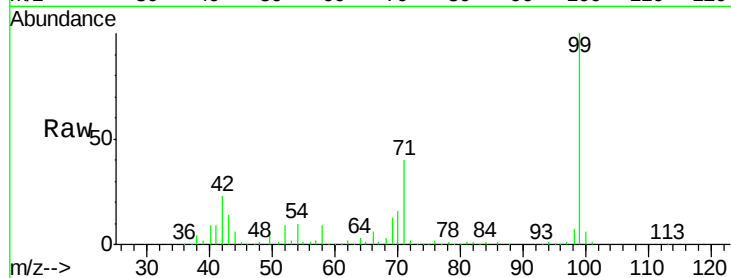
Tgt Ion: 99 Resp: 402077

Ion Ratio Lower Upper

99 100

42 23.2 20.6 31.0

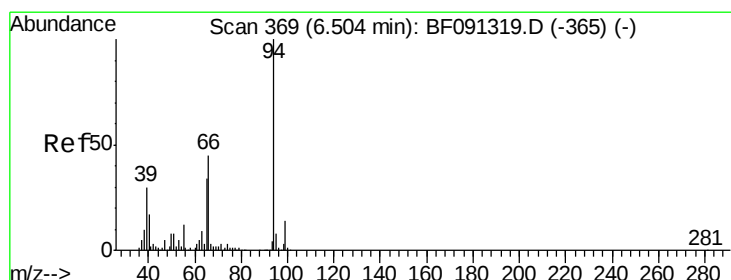
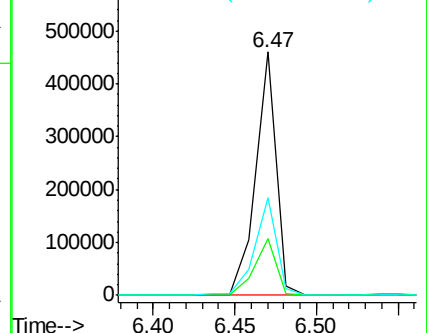
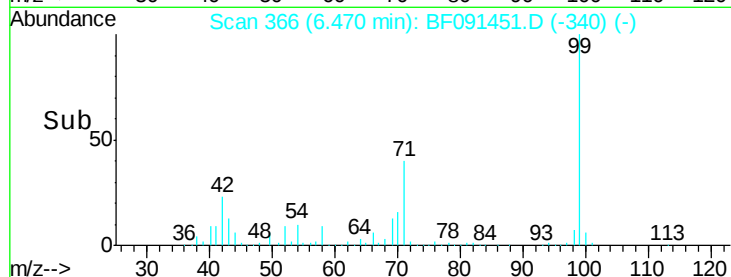
71 40.3 29.9 44.9



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: 2.75 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

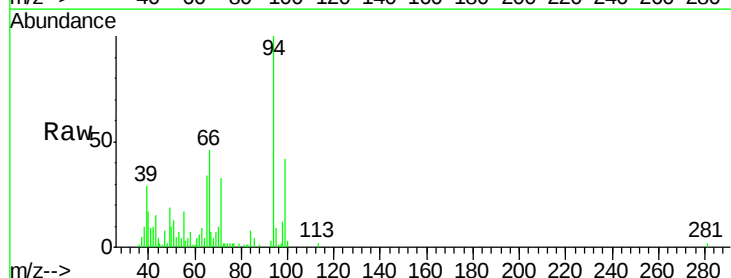
Tgt Ion: 94 Resp: 32108

Ion Ratio Lower Upper

94 100

65 33.9 16.9 56.9

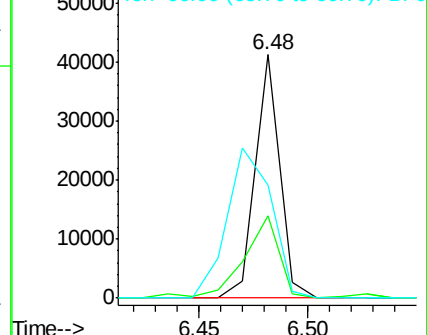
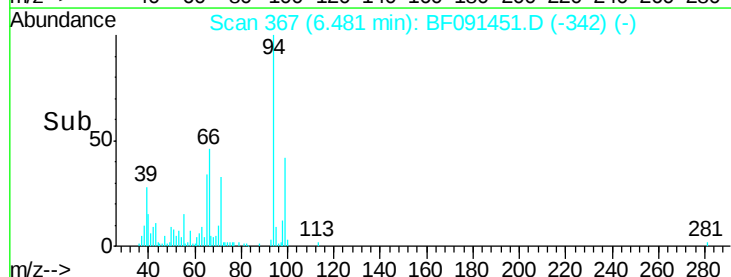
66 46.3 30.6 70.6

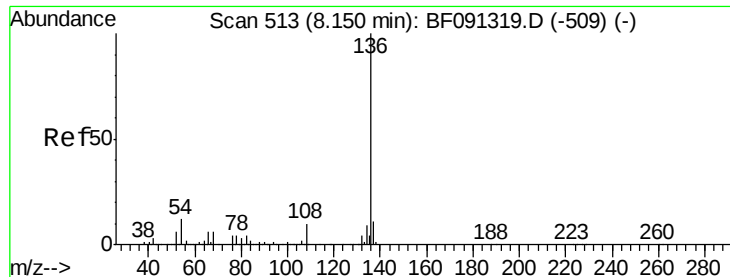


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.13 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

Tgt Ion: 136 Resp: 541299

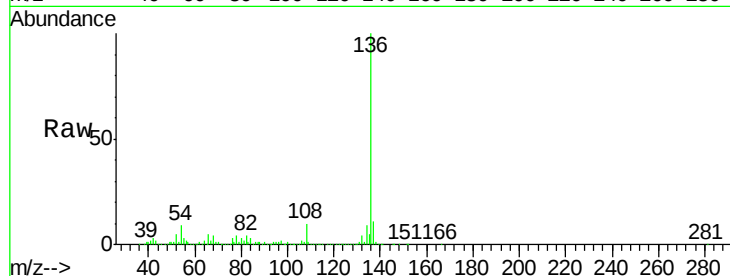
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.4 9.1 13.7

68 4.4 5.9 8.9#

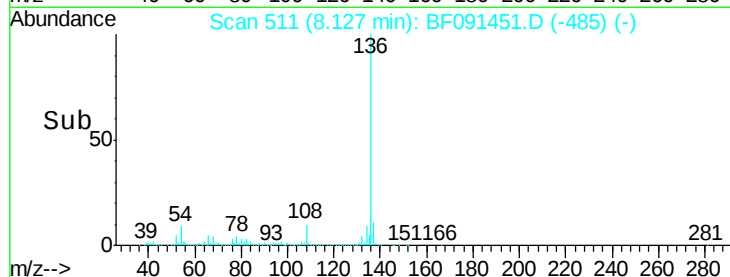


Abundance Ion 136.00 (135.70 to 136.70): E

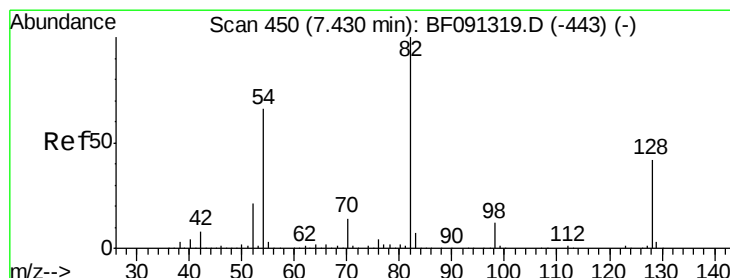
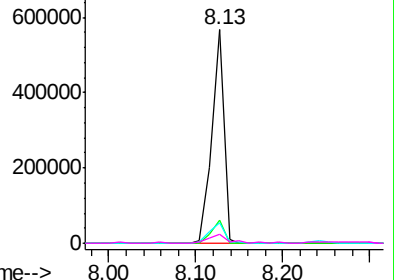
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 89.64 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

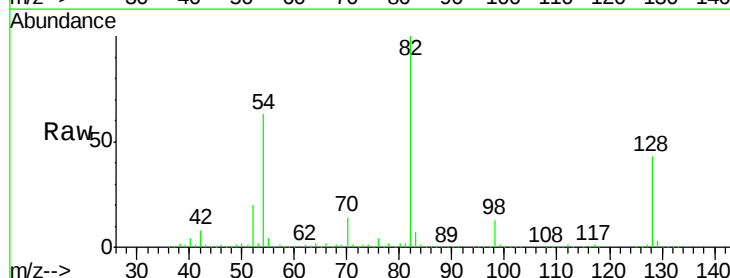
Tgt Ion: 82 Resp: 865825

Ion Ratio Lower Upper

82 100

128 43.3 31.8 47.6

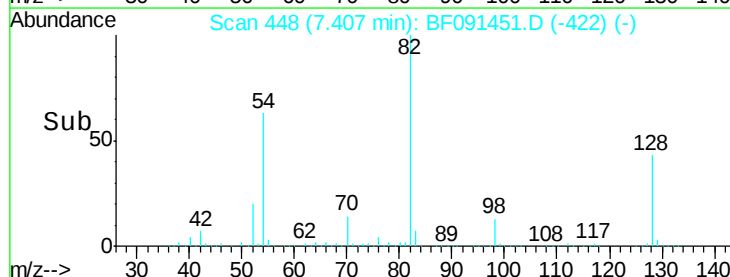
54 63.2 49.1 73.7



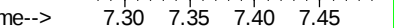
Abundance Ion 82.00 (81.70 to 82.70): BF0

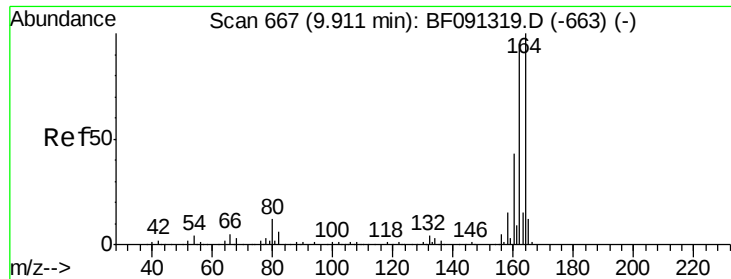
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

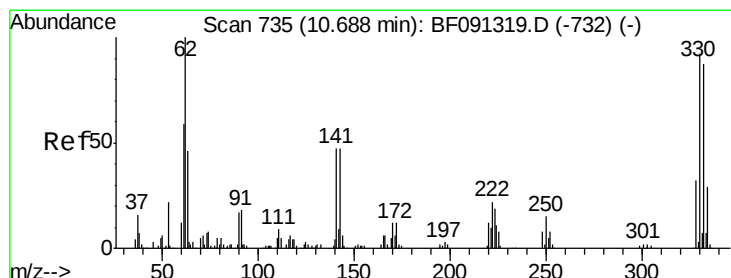
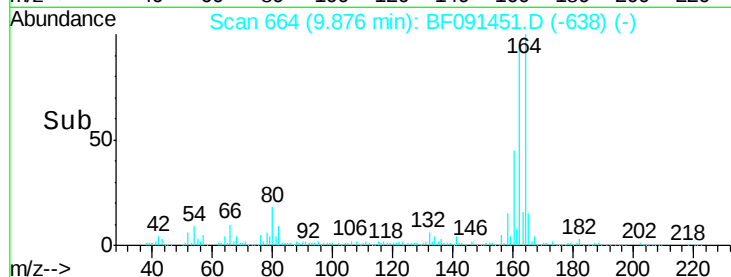
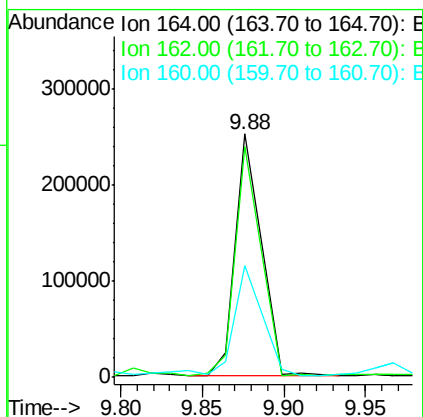
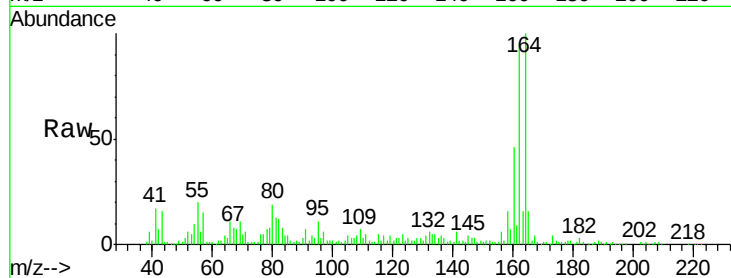




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF091451.D
Acq: 6 Dec 2016 11:33

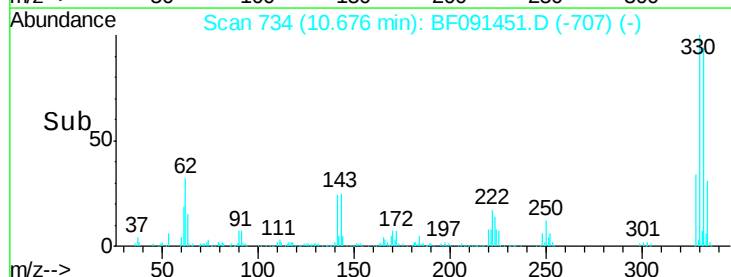
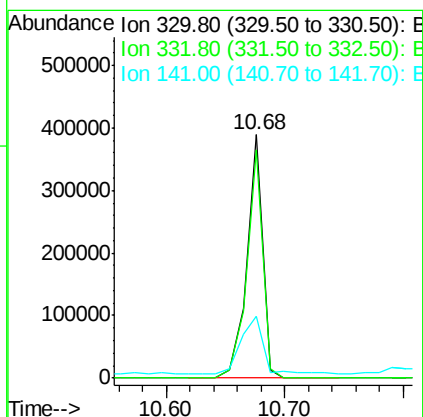
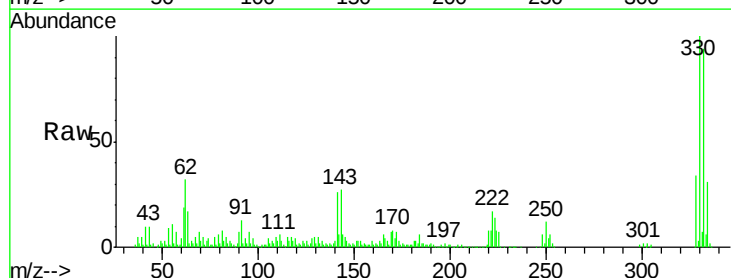
Instrument :
BNA_F
ClientSampleId :
S12016SF-W-1

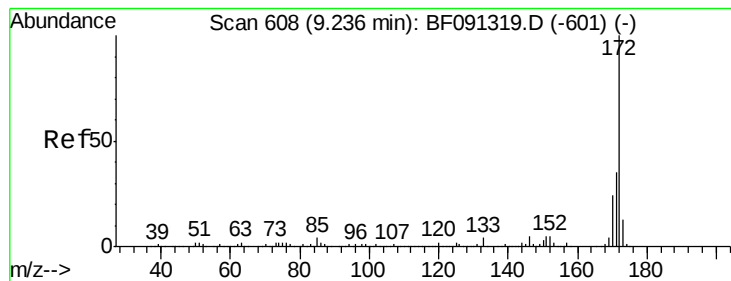
Tgt Ion:164 Resp: 277481
Ion Ratio Lower Upper
164 100
162 94.7 82.6 124.0
160 45.7 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 138.34 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF091451.D
Acq: 6 Dec 2016 11:33

Tgt Ion:330 Resp: 363408
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 34.4 33.6 50.4





#44

2-Fluorobiphenyl

Concen: 91.53 ng

RT: 9.20 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

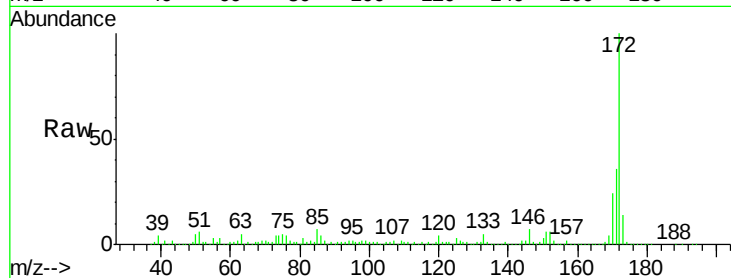
Tgt Ion:172 Resp: 1402659

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

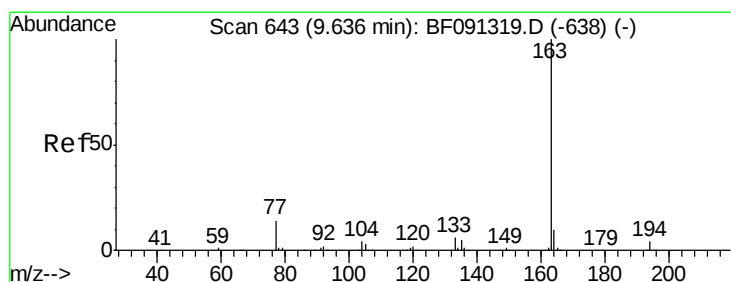
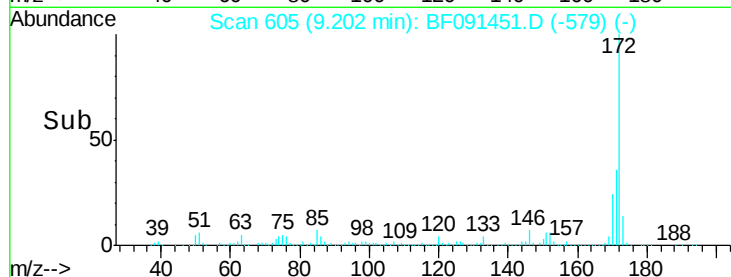
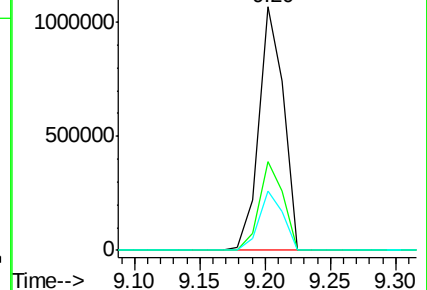
170 24.5 19.7 29.5



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: 2.18 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

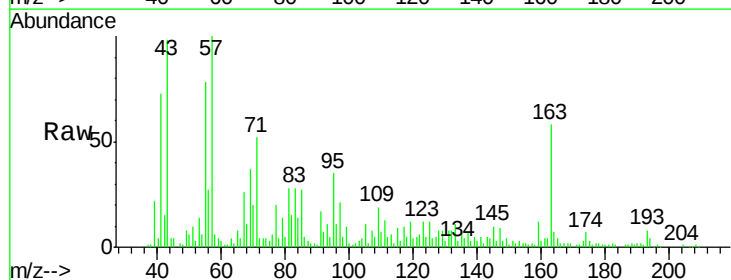
Tgt Ion:163 Resp: 36556

Ion Ratio Lower Upper

163 100

194 7.1 3.0 4.4#

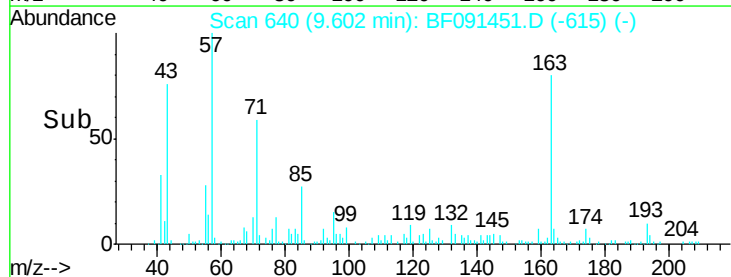
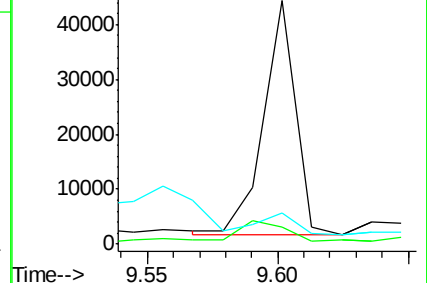
164 12.9 7.8 11.8#

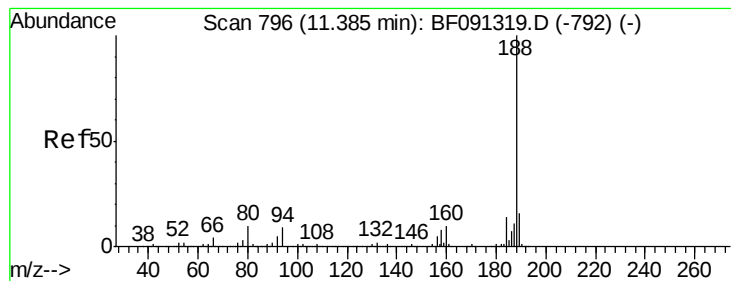


Abundance Ion 163.00 (162.70 to 163.70): E

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# 794

Delta R.T. -0.00 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

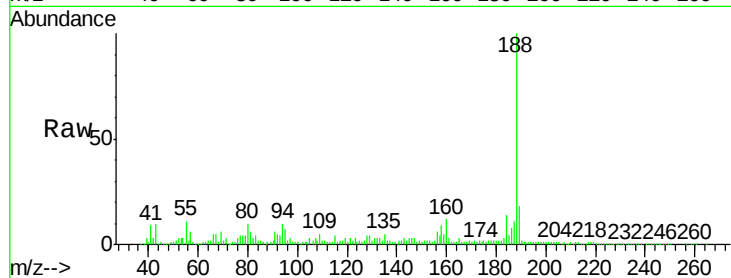
Tgt Ion:188 Resp: 434141

Ion Ratio Lower Upper

188 100

94 9.7 9.2 13.8

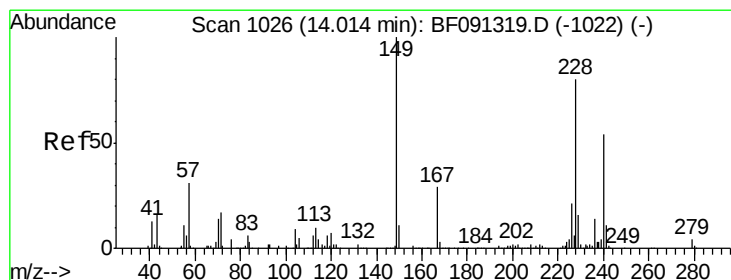
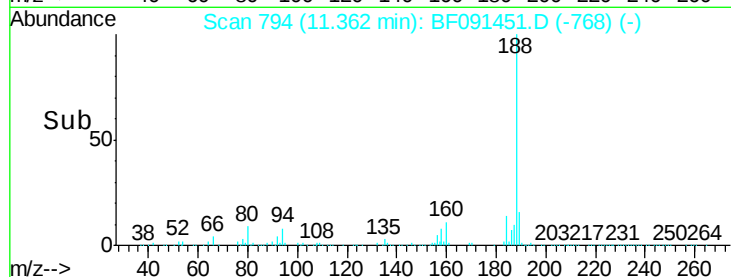
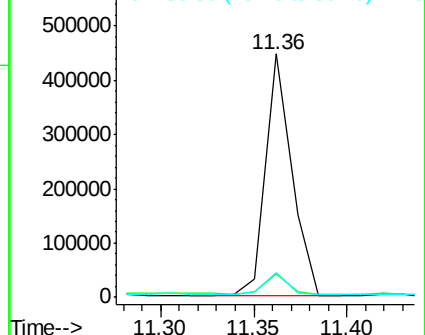
80 10.3 10.5 15.7#



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: 13.99 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF091451.D

Acq: 6 Dec 2016 11:33

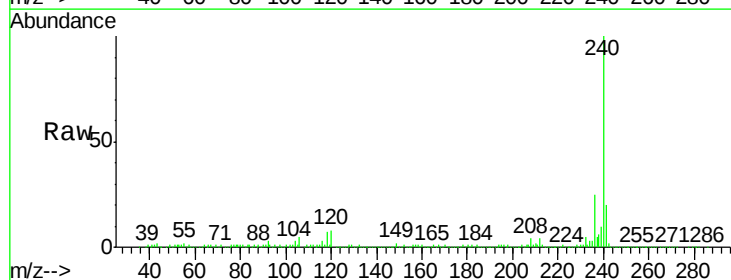
Tgt Ion:240 Resp: 330641

Ion Ratio Lower Upper

240 100

120 8.2 12.1 18.1#

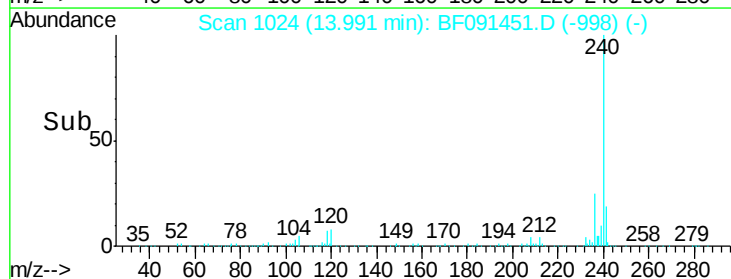
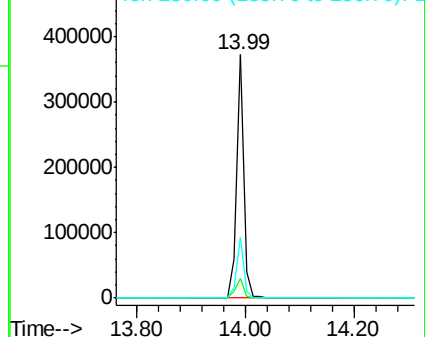
236 25.0 21.0 31.6

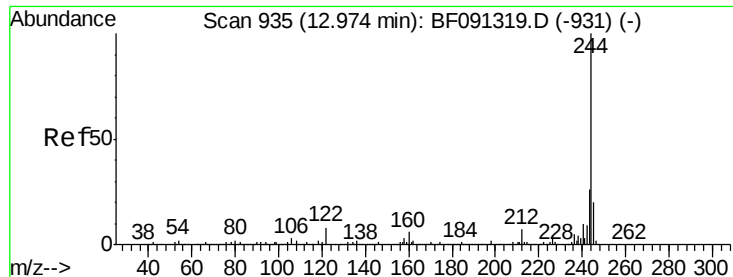


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

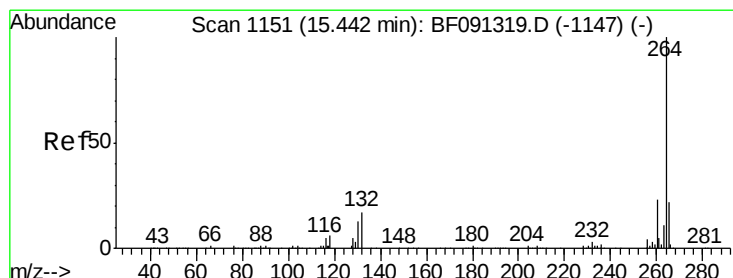
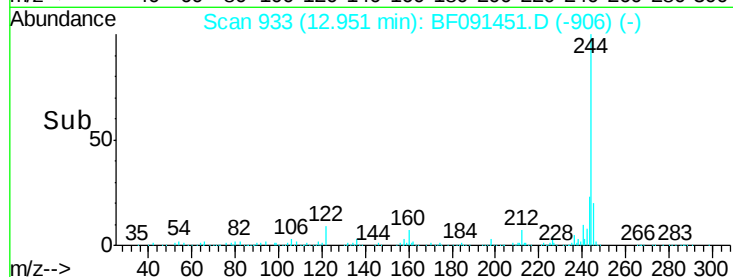
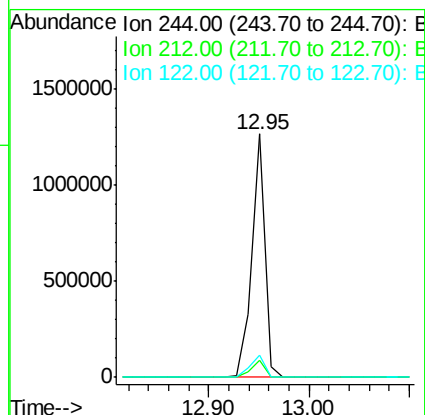
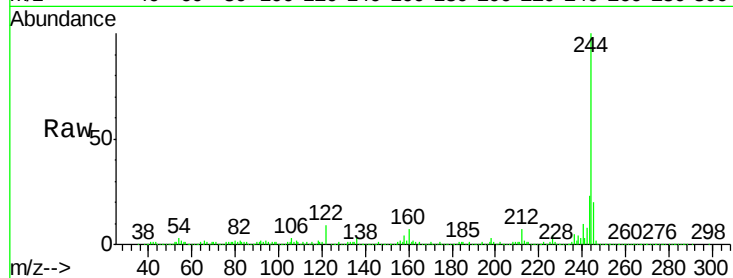




#78
 Terphenyl-d14
 Concen: 74.97 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BF091451.D
 Acq: 6 Dec 2016 11:33

Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-W-1

Tgt Ion:244 Resp: 1140517
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.0 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF091451.D
 Acq: 6 Dec 2016 11:33

Tgt Ion:264 Resp: 327650
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.5 17.0 25.6

