

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091987.D
 Acq On : 28 Dec 2016 2:13
 Operator : UM/SJ
 Sample : H6236-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-D-M

Quant Time: Dec 28 06:19:51 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

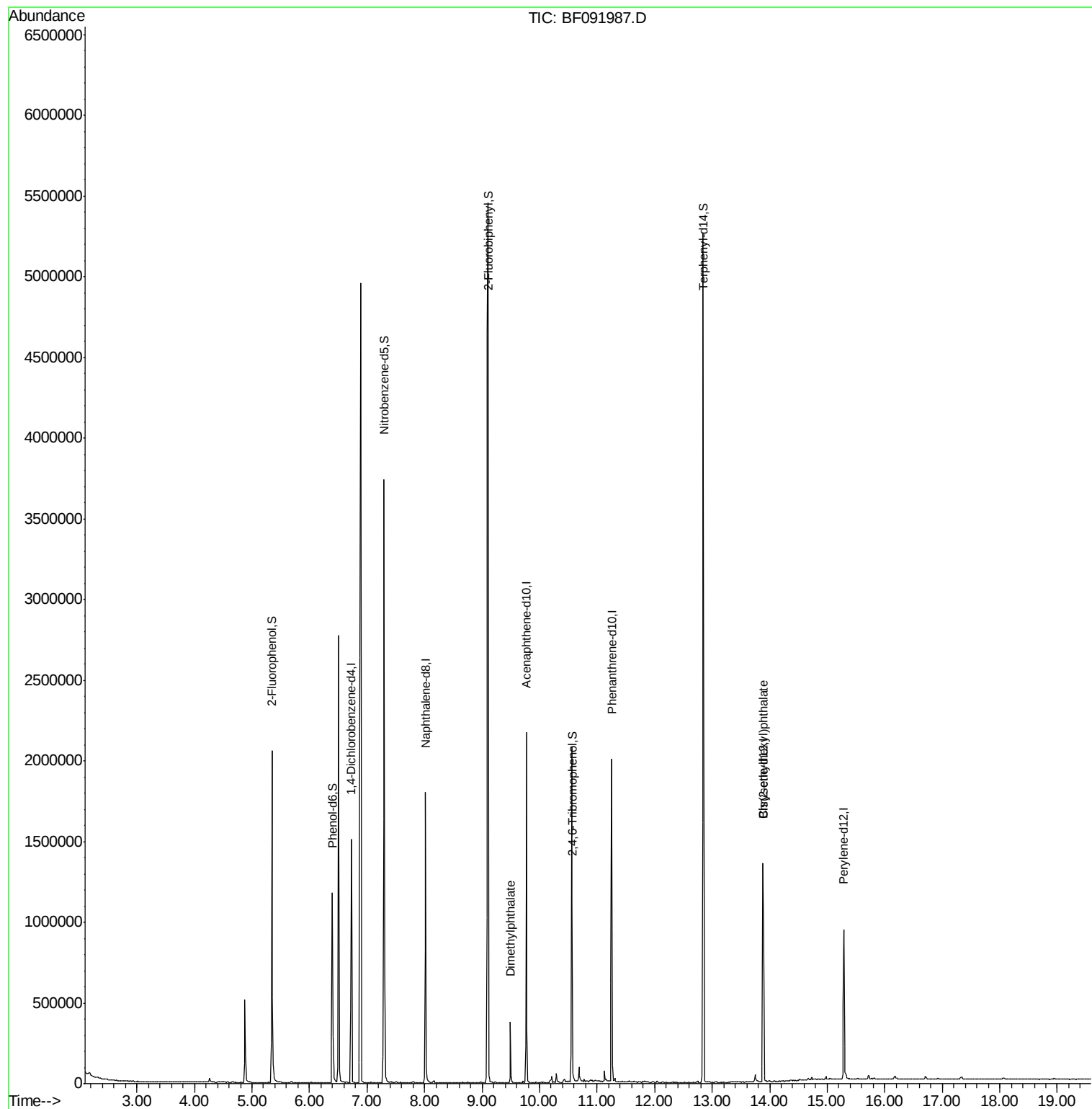
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	238748	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	971358	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	444416	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	749846	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	529154	20.00	ng	-0.02
86) Perylene-d12	15.29	264	425984	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	623856	43.63	ng	0.00
7) Phenol-d6	6.40	99	469555	26.90	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1527147	87.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	307312	83.56	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2616117	126.98	ng	-0.01
78) Terphenyl-d14	12.84	244	2096870	96.11	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	152561	5.37	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	64772	3.11	ng	99

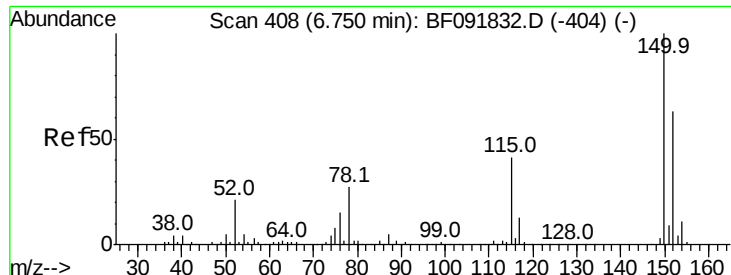
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-D-M

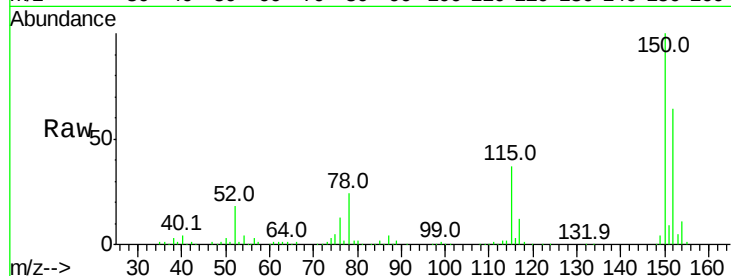
Tot Ion:152 Resp: 238748

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

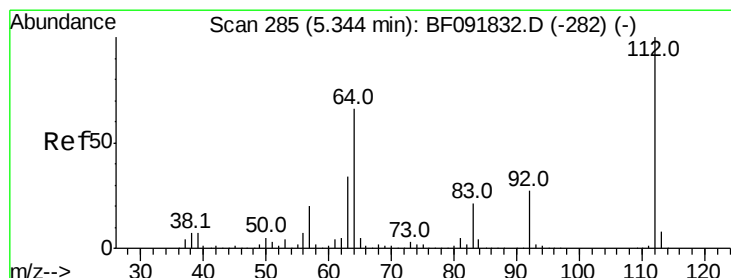
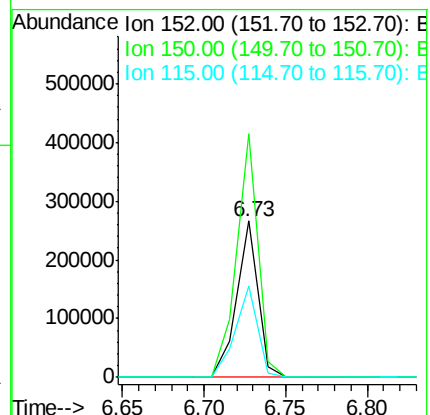
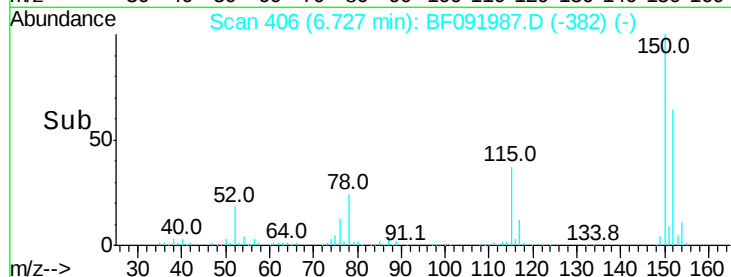
115 58.4 46.0 69.0



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



#5

2-Fluorophenol

Concen: 43.63 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

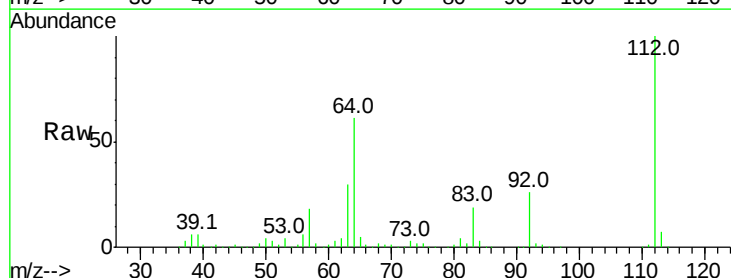
Tgt Ion:112 Resp: 623856

Ion Ratio Lower Upper

112 100

64 60.8 46.1 69.1

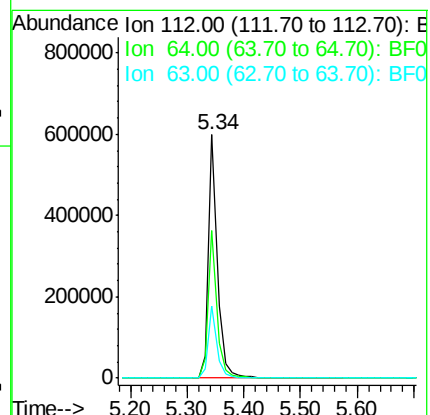
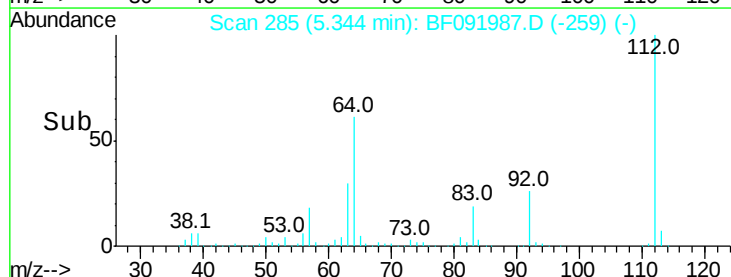
63 29.8 23.8 35.6

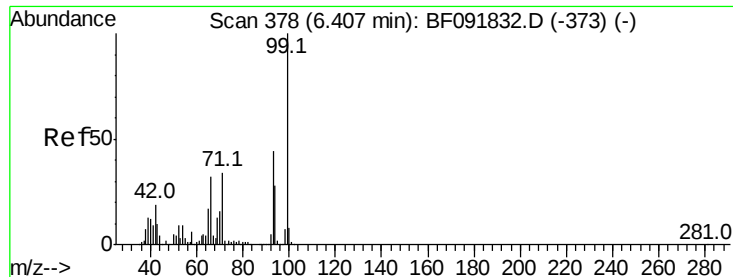


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.90 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-D-M

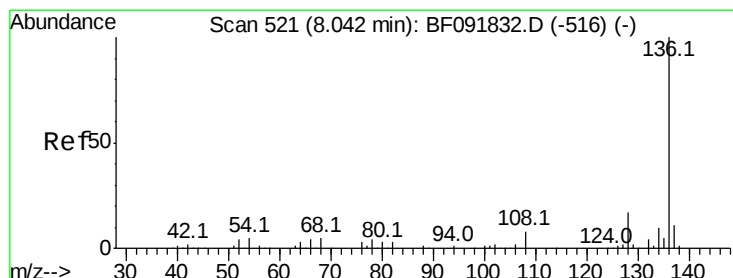
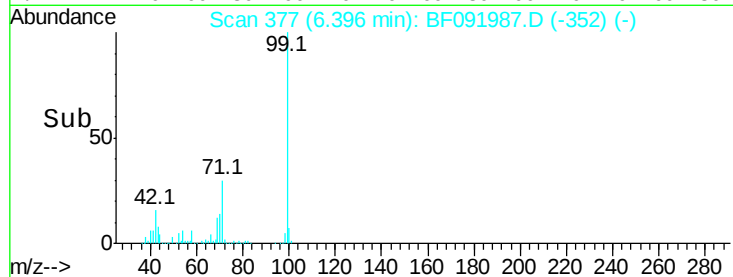
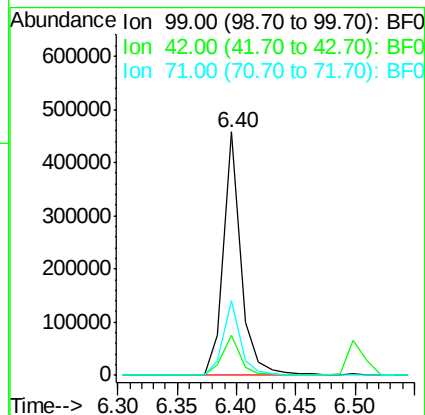
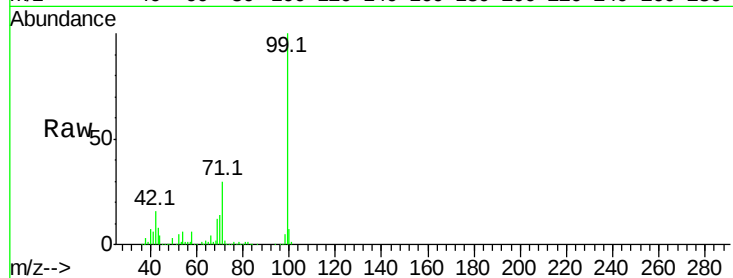
Tot Ion: 99 Resp: 469555

Ion Ratio Lower Upper

99 100

42 16.3 15.6 23.4

71 30.5 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Tgt Ion: 136 Resp: 971358

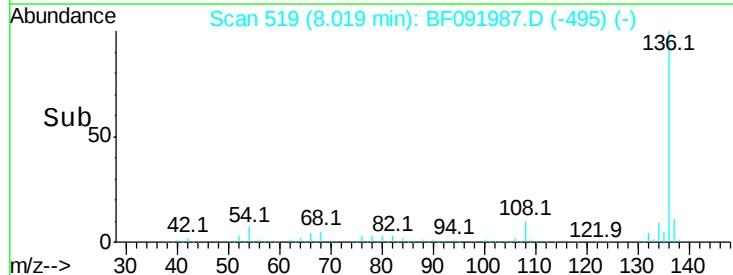
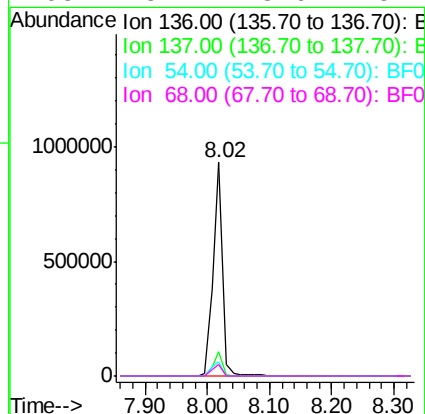
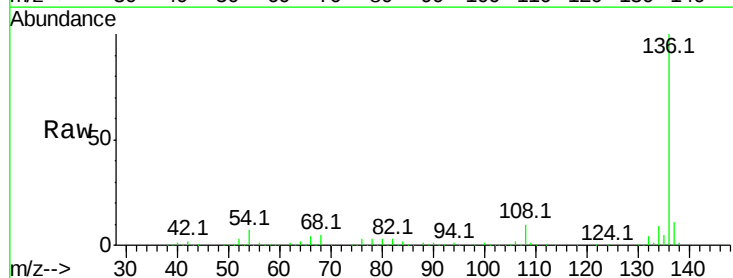
Ion Ratio Lower Upper

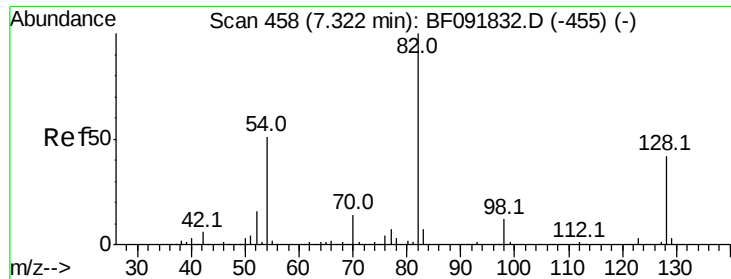
136 100

137 11.1 8.4 12.6

54 6.8 4.5 6.7#

68 5.2 3.6 5.4

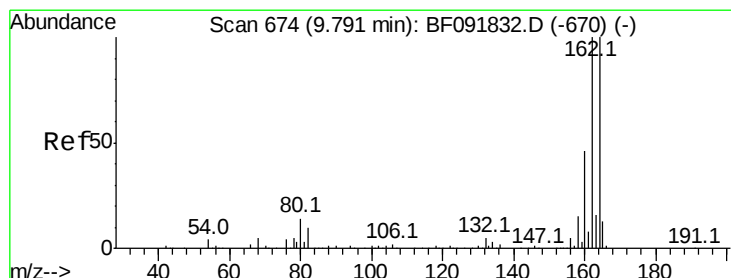
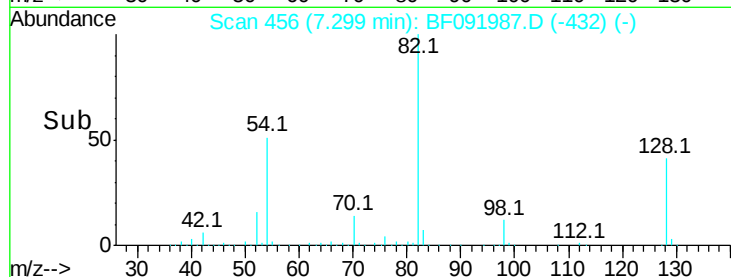
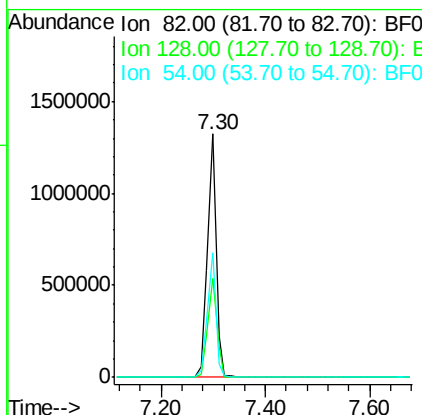
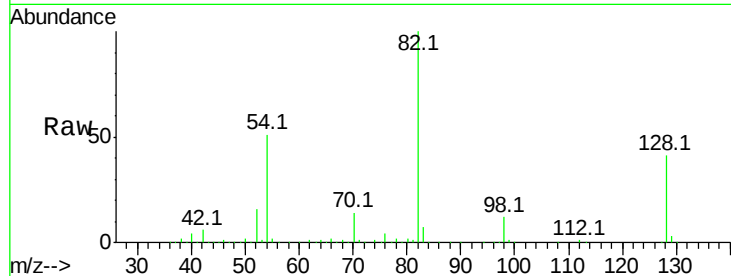




#23
Nitrobenzene-d5
Concen: 87.42 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091987.D
Acq: 28 Dec 2016 2:13

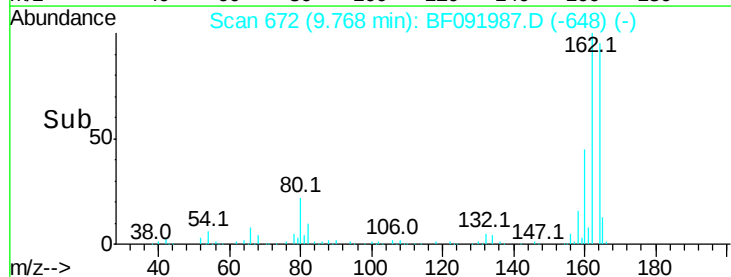
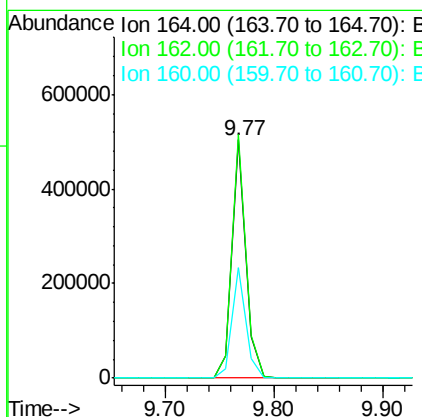
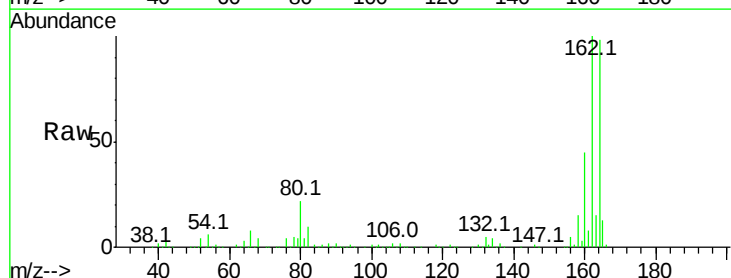
Instrument :
BNA_F
ClientSampleId :
122216-DSDC-E-D-M

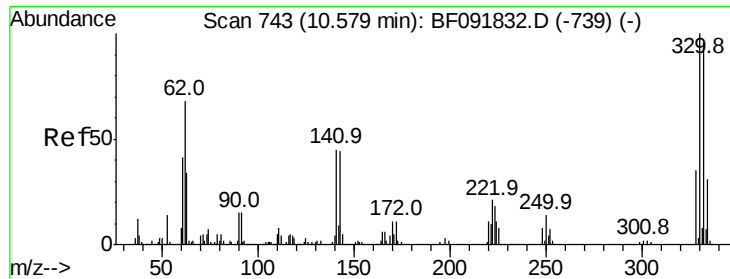
Tot Ion: 82 Resp: 1527147
Ion Ratio Lower Upper
82 100
128 40.6 34.6 52.0
54 50.9 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091987.D
Acq: 28 Dec 2016 2:13

Tgt Ion:164 Resp: 444416
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 46.3 36.9 55.3

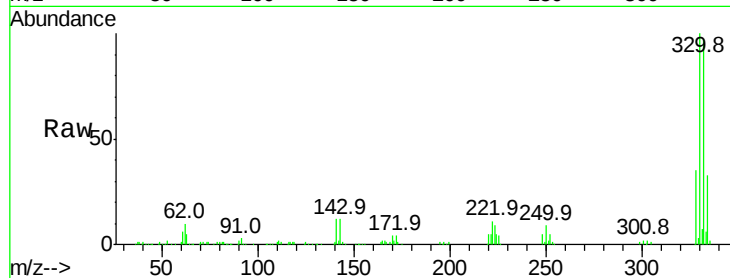




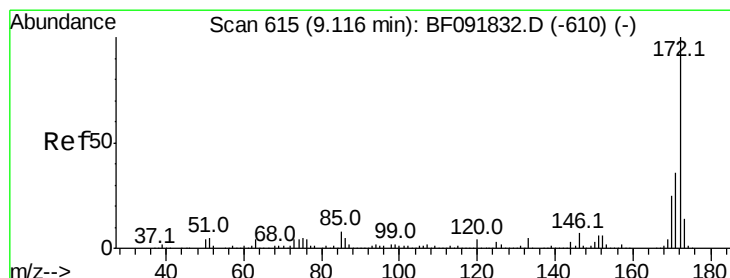
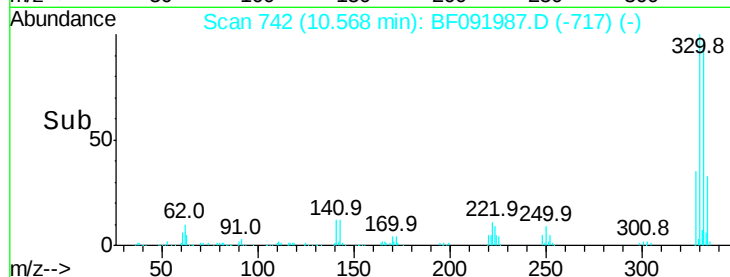
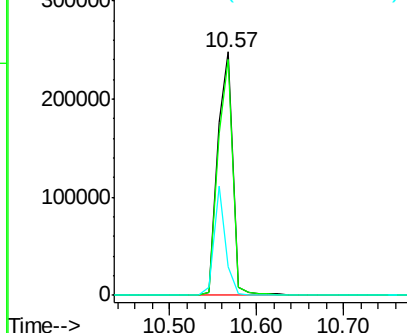
#41
 2,4,6-Tribromophenol
 Concen: 83.56 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	34.3	34.1	51.1

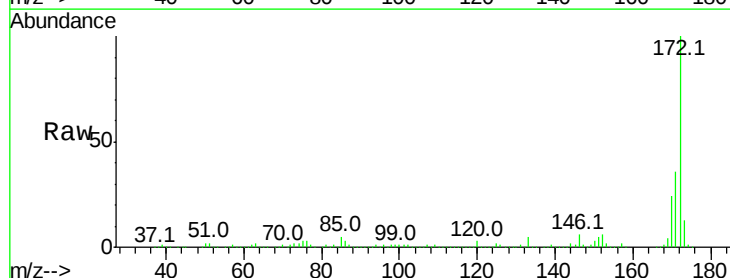


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

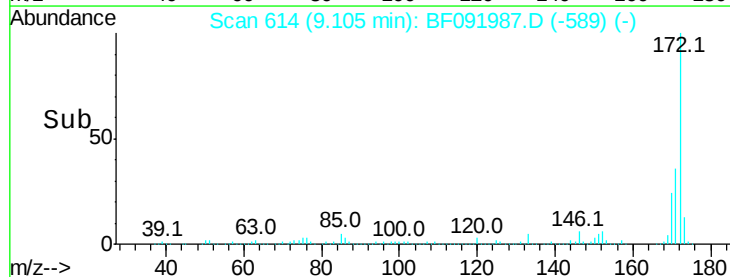
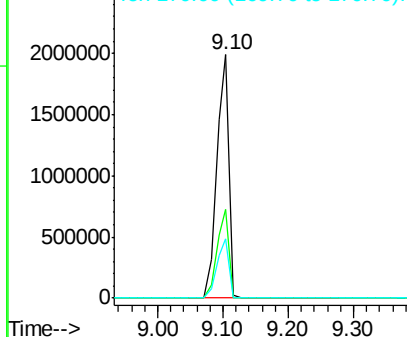


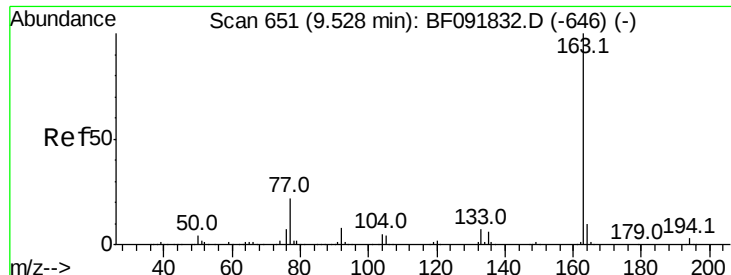
#44
 2-Fluorobiphenyl
 Concen: 126.98 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4



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: 5.37 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-D-M

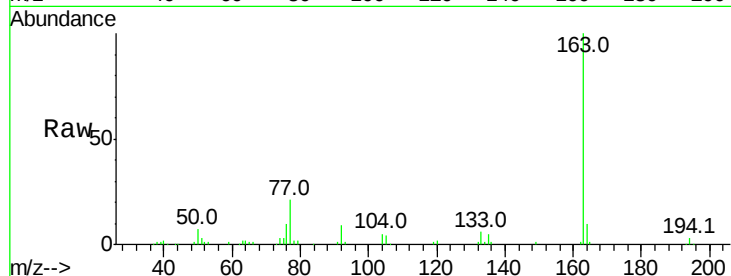
Tot Ion:163 Resp: 152561

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

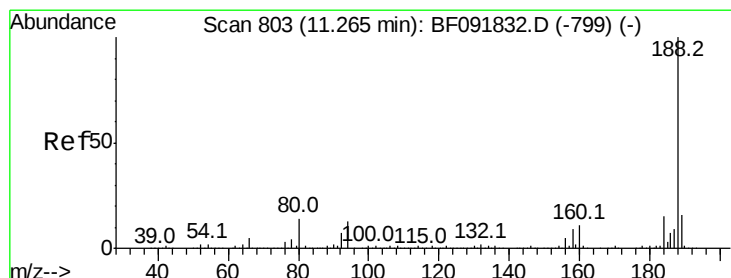
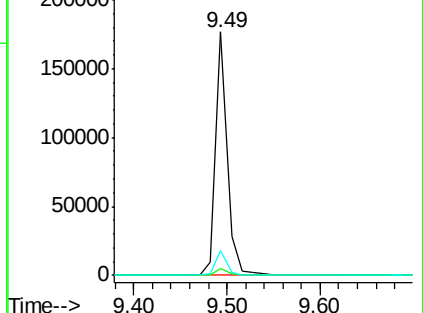
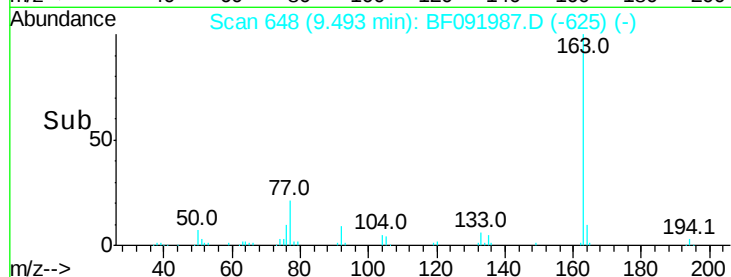
164 10.4 8.0 12.0



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: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

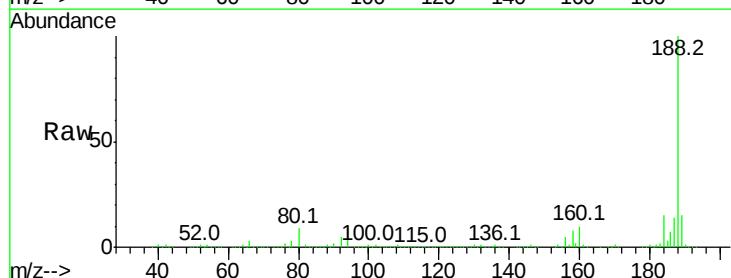
Tgt Ion:188 Resp: 749846

Ion Ratio Lower Upper

188 100

94 8.5 10.0 15.0#

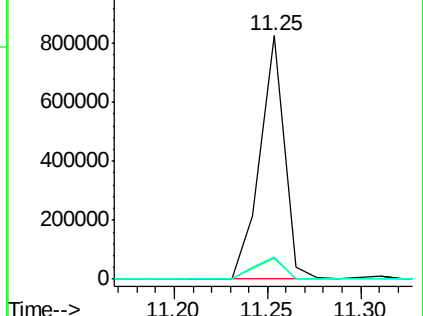
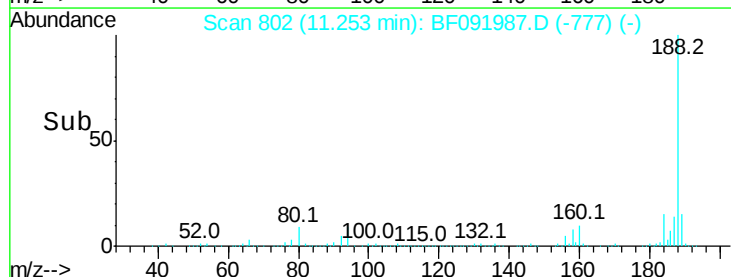
80 9.0 11.2 16.8#

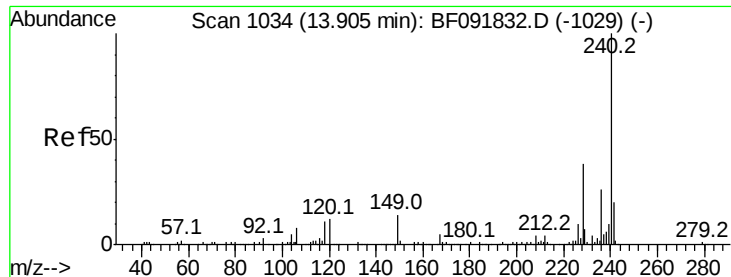


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-D-M

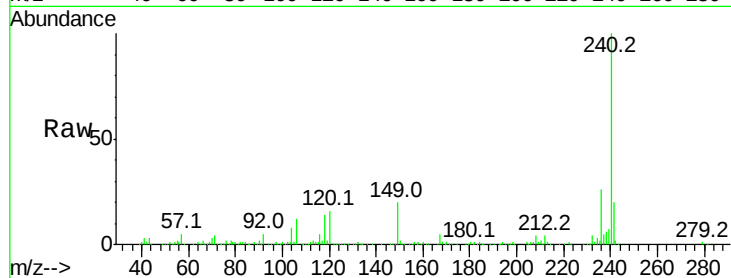
Tot Ion:240 Resp: 529154

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

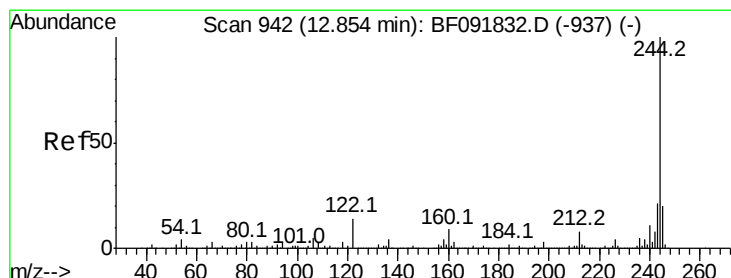
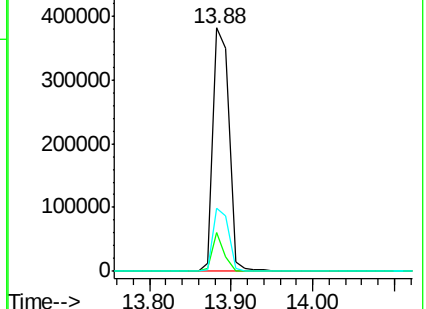
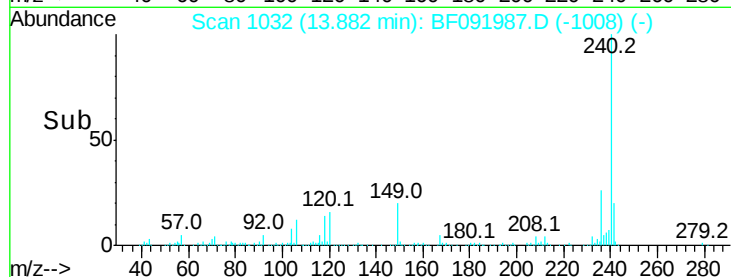
236 25.9 20.9 31.3



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: 96.11 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

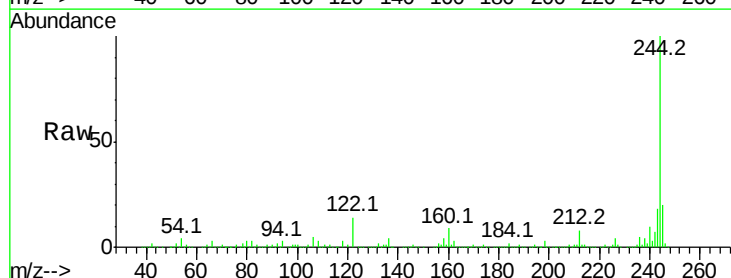
Tgt Ion:244 Resp: 2096870

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

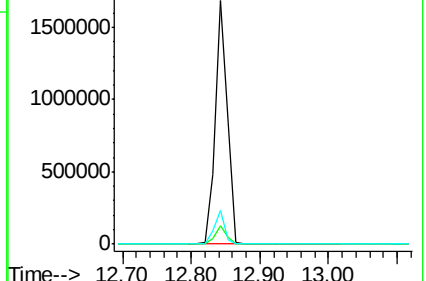
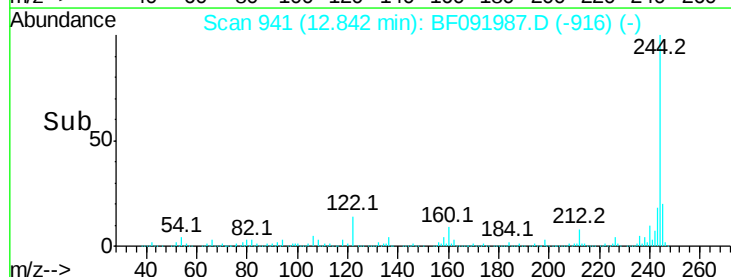
122 14.1 11.4 17.2

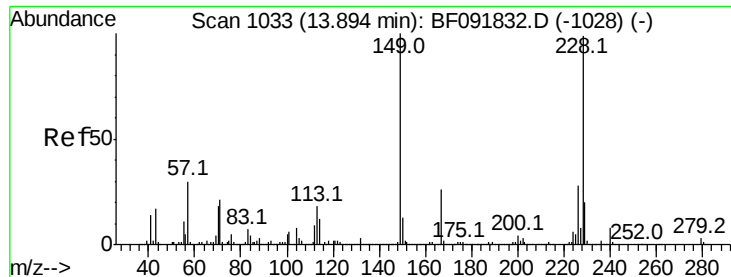


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

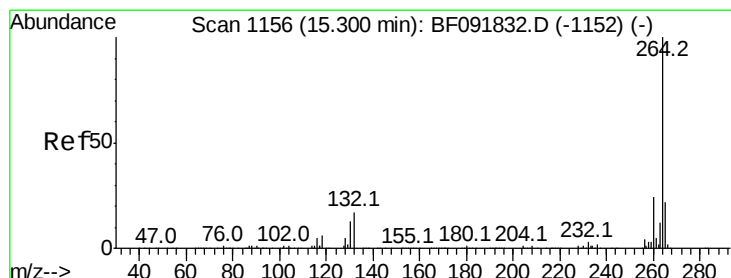
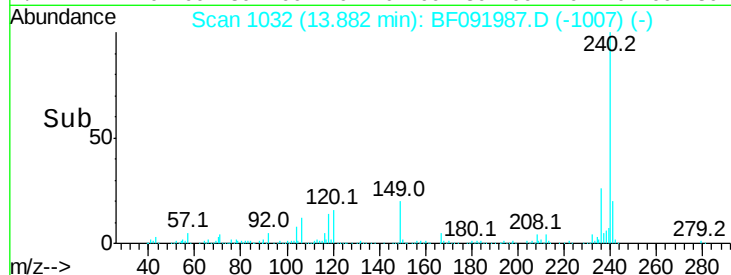
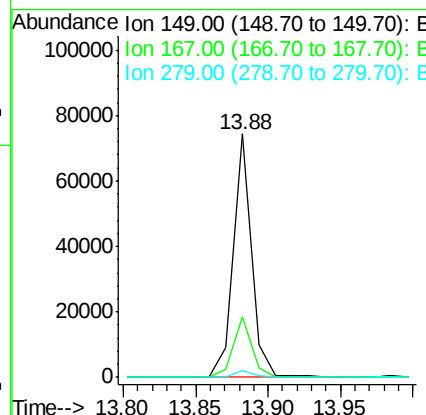
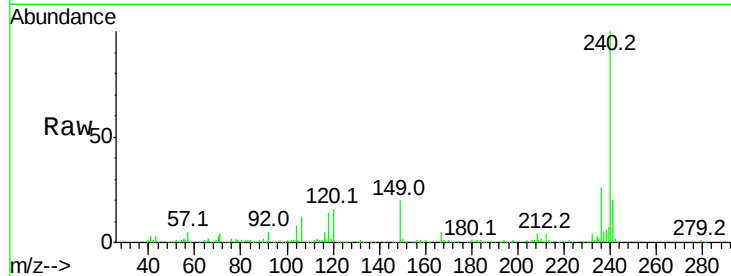




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.11 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-D-M

Tot Ion:149 Resp: 64772
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.2 30.4
 279 2.6 1.8 2.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Tgt Ion:264 Resp: 425984
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.2 17.4 26.0

