

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
 Data File : BF095882.D
 Acq On : 12 Jun 2017 20:39
 Operator : SJ/MA
 Sample : I3594-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-060917-A

Quant Time: Jun 13 06:42:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

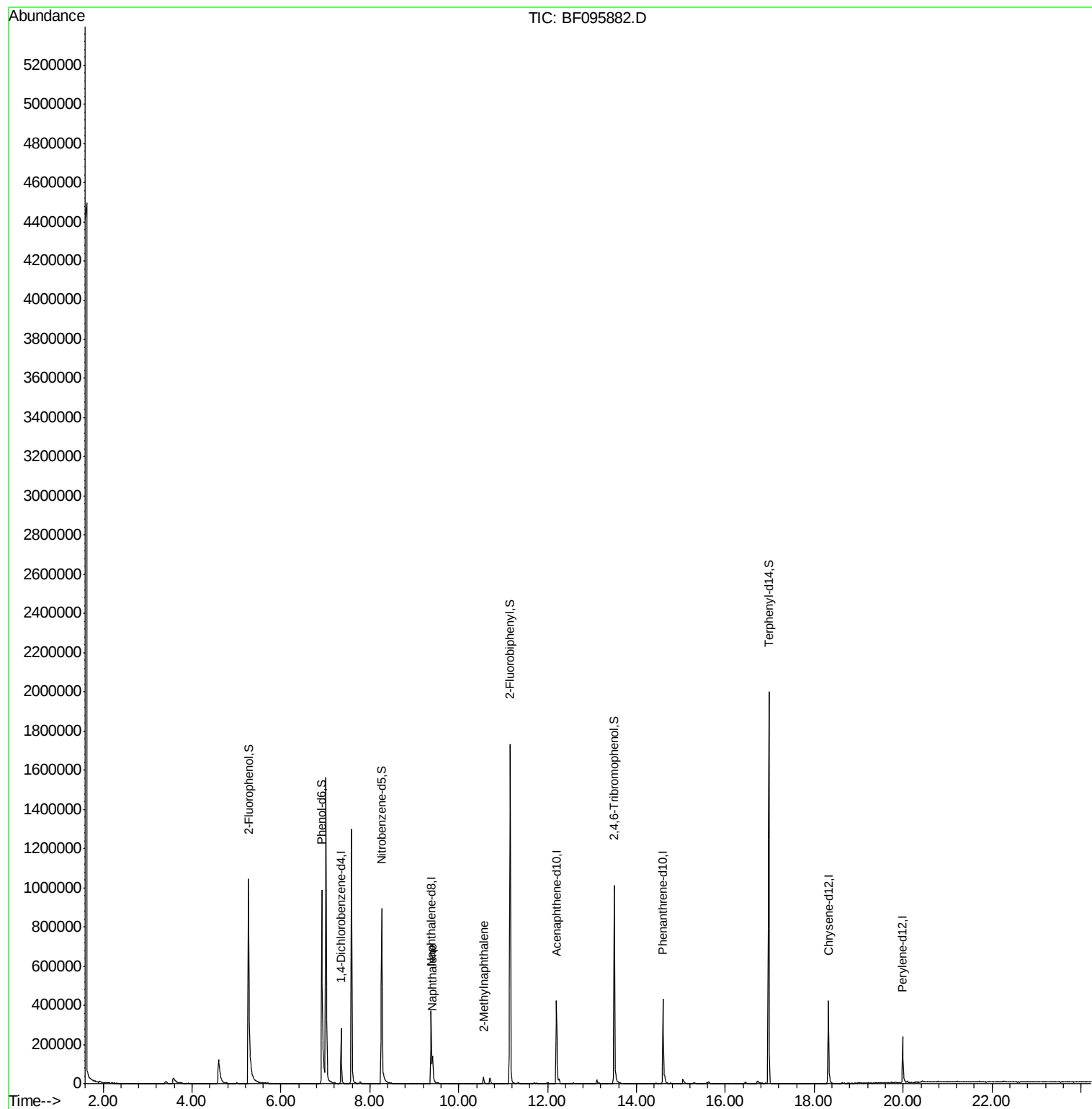
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66497	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	281896	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	134131	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	256973	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	211374	20.00	ng	-0.04
86) Perylene-d12	19.99	264	135297	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	644084	154.34	ng	-0.02
7) Phenol-d6	6.92	99	707171	141.55	ng	-0.04
23) Nitrobenzene-d5	8.27	82	490032	107.96	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	194496	163.89	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	977391	101.40	ng	-0.05
78) Terphenyl-d14	16.98	244	919365	107.94	ng	-0.04
Target Compounds						
31) Naphthalene	9.41	128	119290	8.432	ng	98
37) 2-Methylnaphthalene	10.55	142	20138	2.107	ng	95

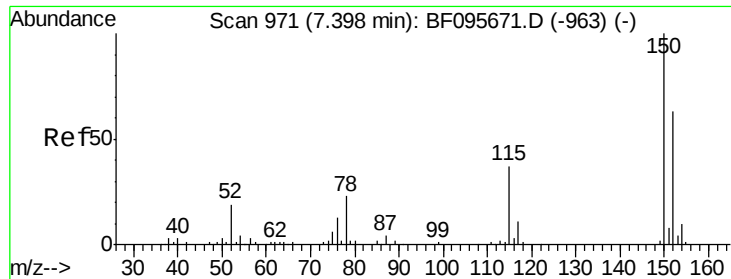
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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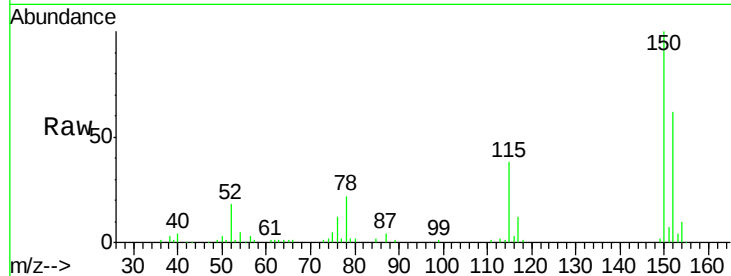


#1

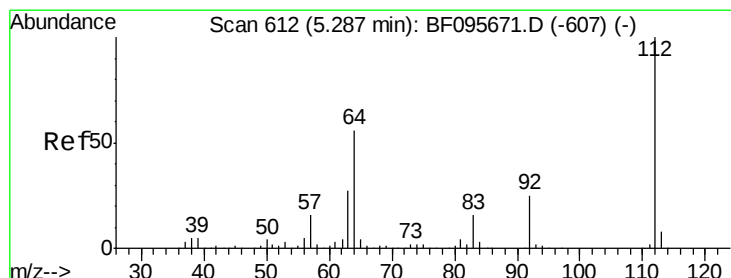
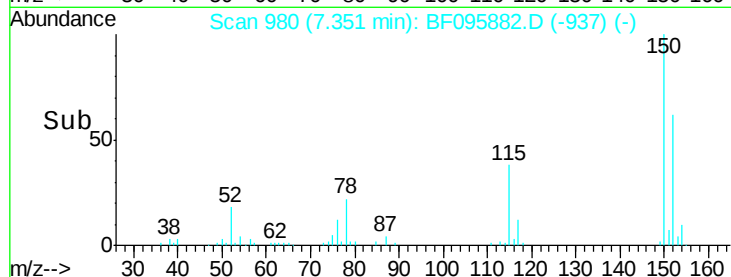
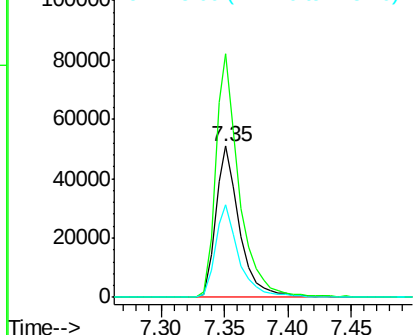
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

Tgt Ion:152 Resp: 66497
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 61.5 52.2 78.2



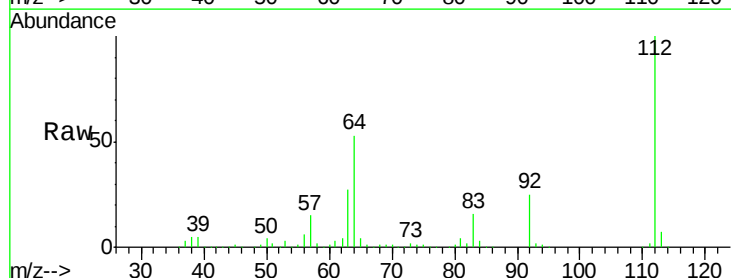
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



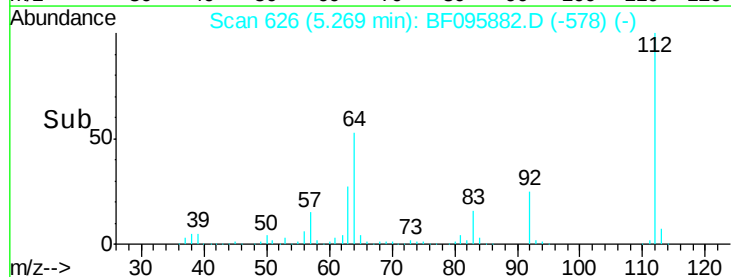
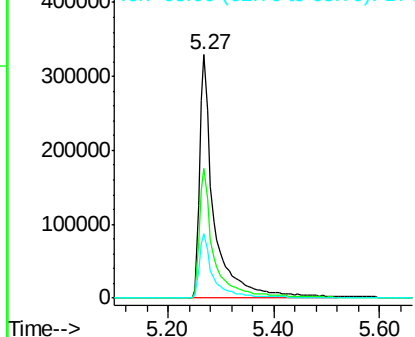
#5

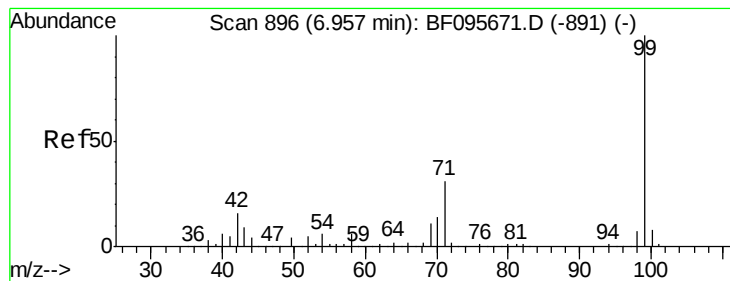
2-Fluorophenol
Concen: 154.340 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:112 Resp: 644084
Ion Ratio Lower Upper
112 100
64 53.5 46.0 69.0
63 26.6 23.4 35.0



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: 141.549 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095882.D

Acq: 12 Jun 2017 20:39

Instrument :

BNA_F

ClientSampleId :

EO-01-060917-A

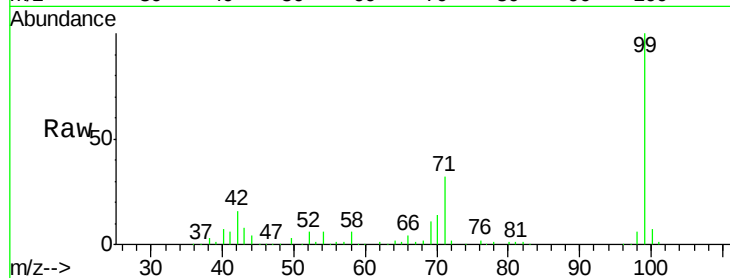
Tgt Ion: 99 Resp: 707171

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

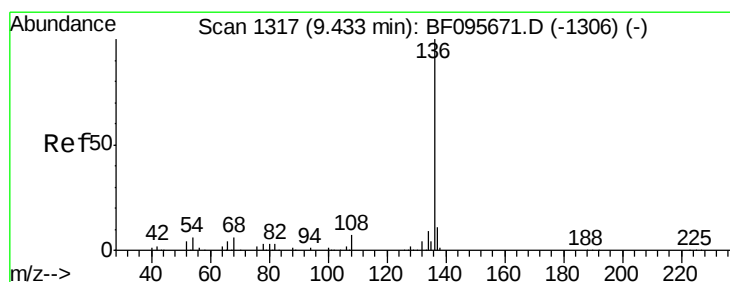
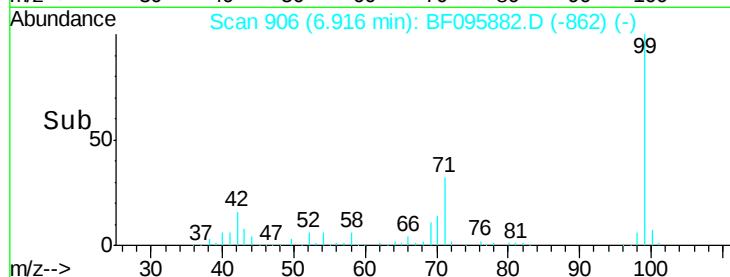
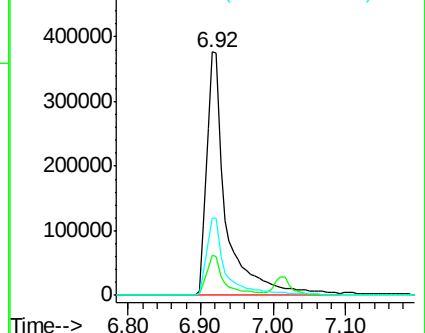
71 31.9 24.5 36.7



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: 20.000 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095882.D

Acq: 12 Jun 2017 20:39

Tgt Ion: 136 Resp: 281896

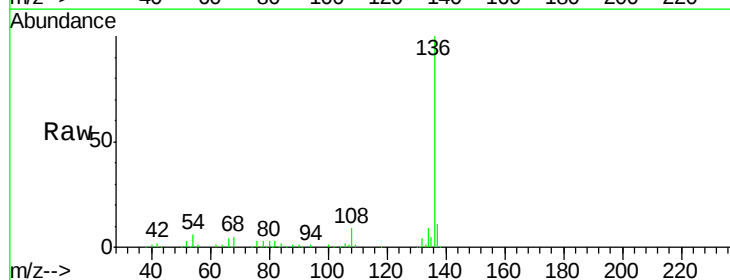
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 6.3 4.9 7.3

68 4.9 4.1 6.1

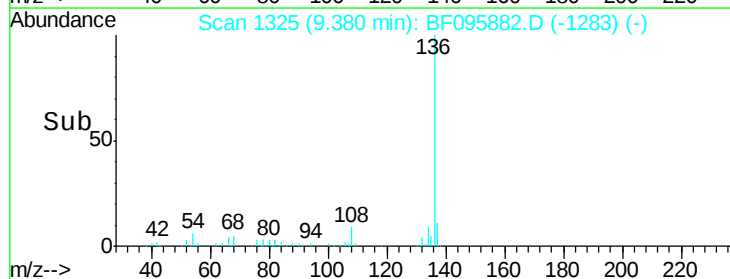
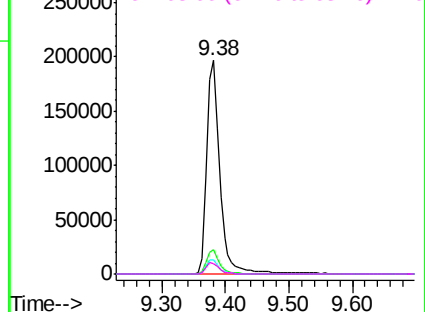


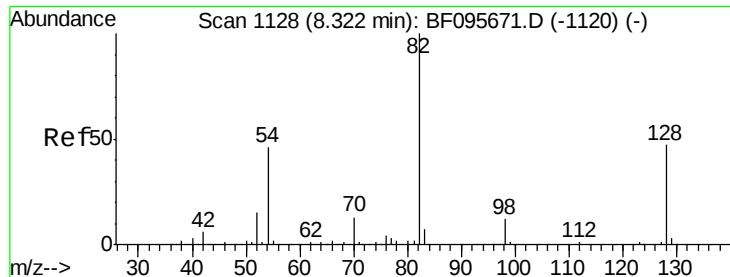
Abundance Ion 136.00 (135.70 to 136.70): E

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

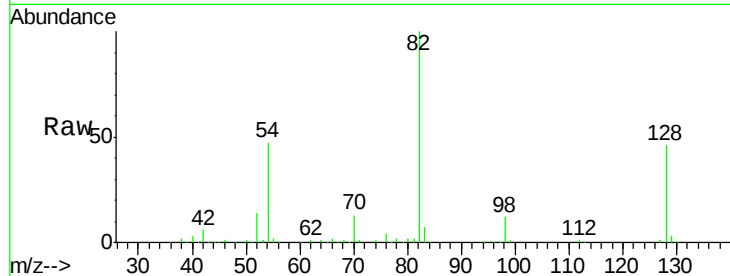




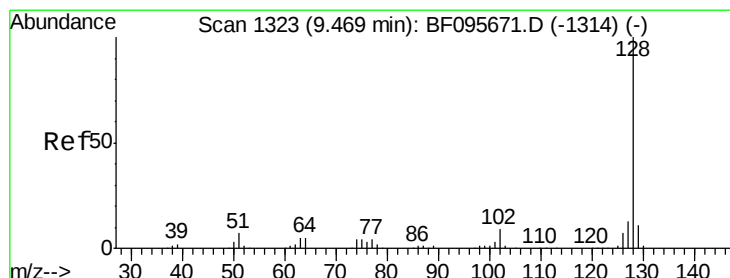
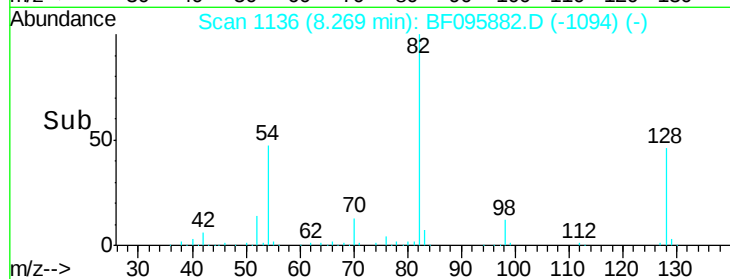
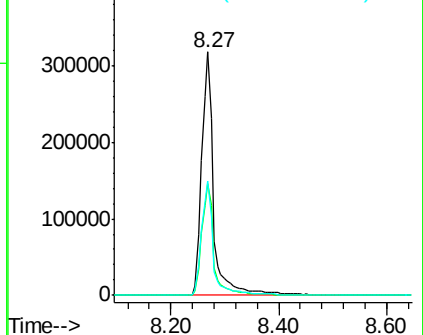
#23
Nitrobenzene-d5
Concen: 107.959 ng
RT: 8.27 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

Tgt Ion: 82 Resp: 490032
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 46.9 42.2 63.2

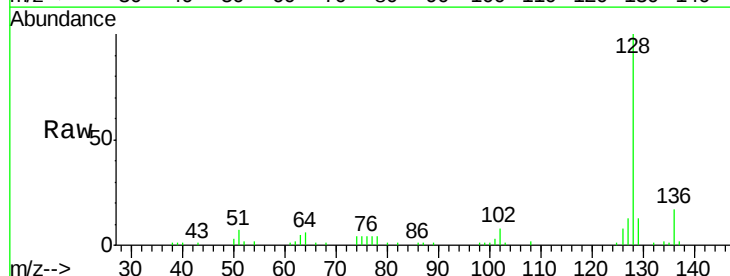


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

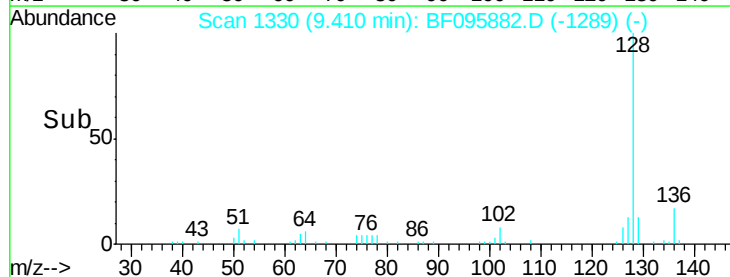
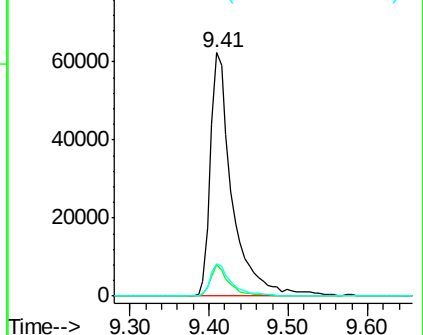


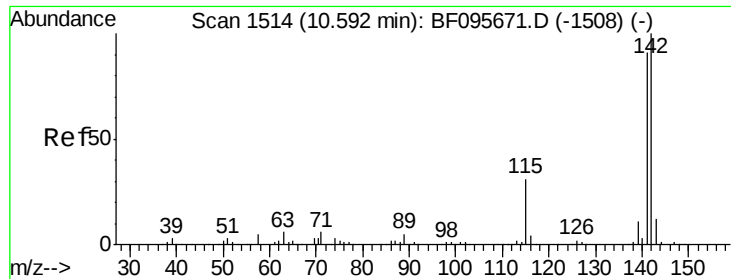
#31
Naphthalene
Concen: 8.432 ng
RT: 9.41 min Scan# 1330
Delta R.T. -0.06 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion: 128 Resp: 119290
Ion Ratio Lower Upper
128 100
129 12.6 9.0 13.6
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

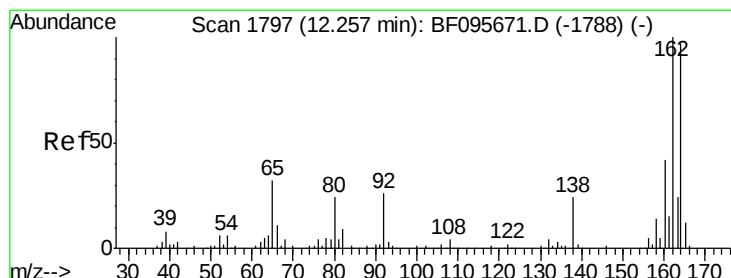
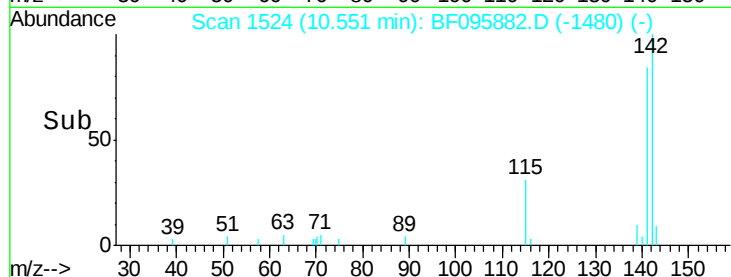
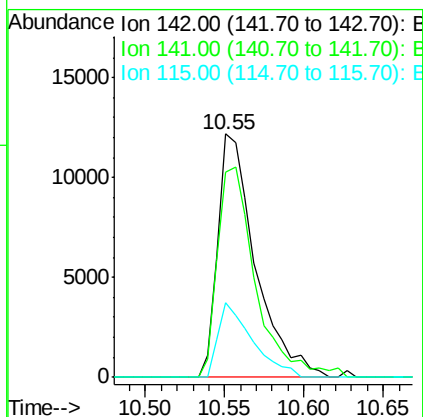
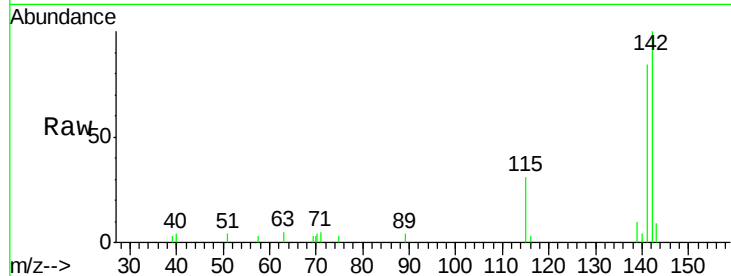




#37
2-Methylnaphthalene
Concen: 2.107 ng
RT: 10.55 min Scan# 1524
Delta R.T. -0.04 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

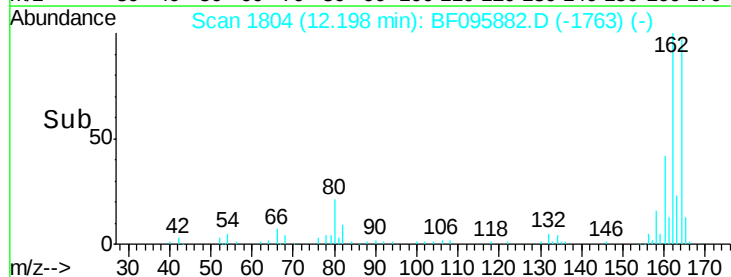
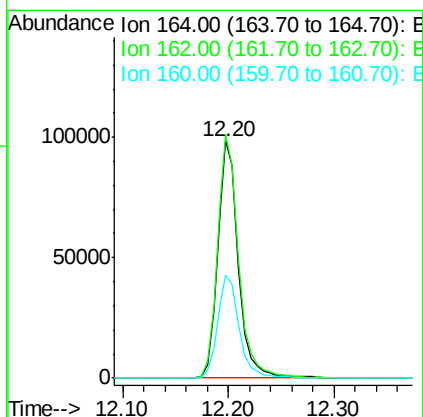
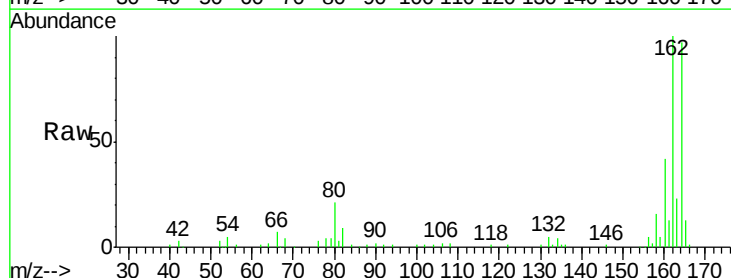
Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

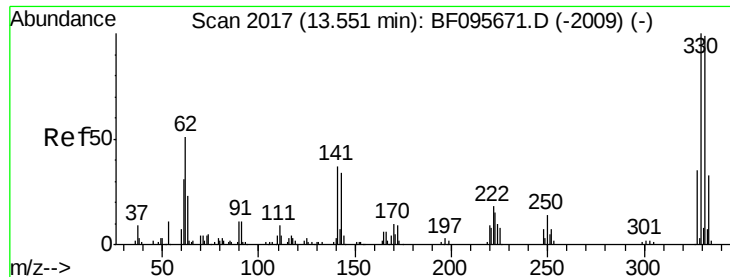
Tgt Ion:142 Resp: 20138
Ion Ratio Lower Upper
142 100
141 84.3 71.3 106.9
115 30.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:164 Resp: 134131
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 43.5 36.2 54.2

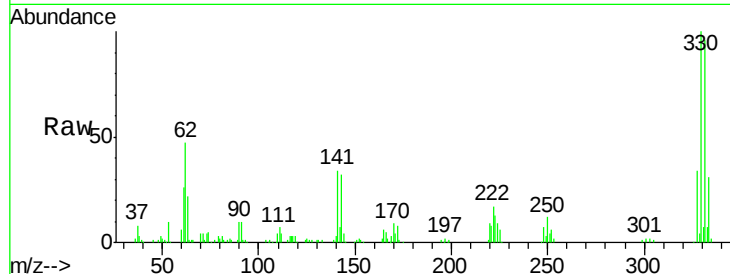




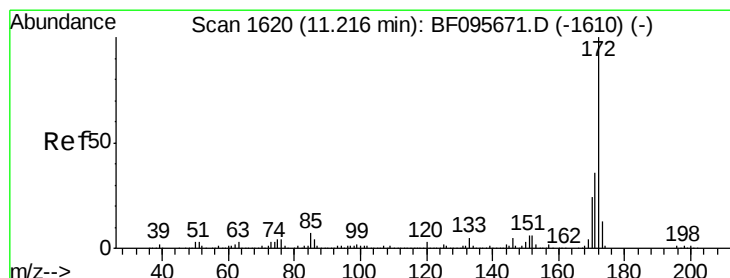
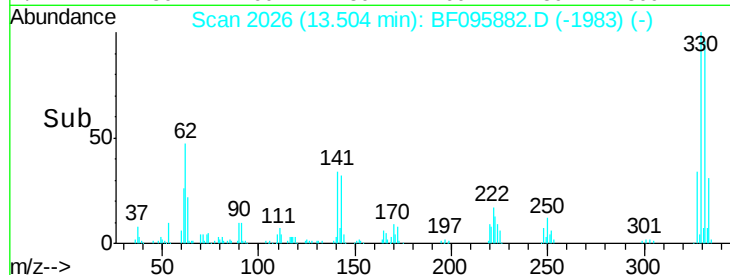
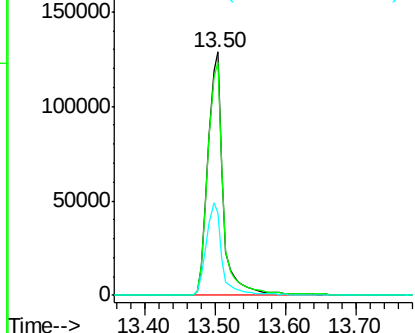
#41
 2,4,6-Tribromophenol
 Concen: 163.890 ng
 RT: 13.50 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-060917-A

Tgt Ion:330 Resp: 194496
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.1 31.4 47.2

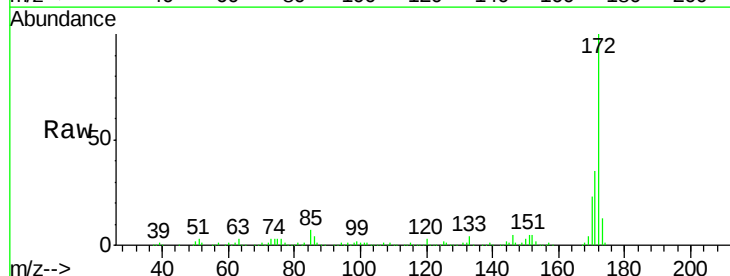


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

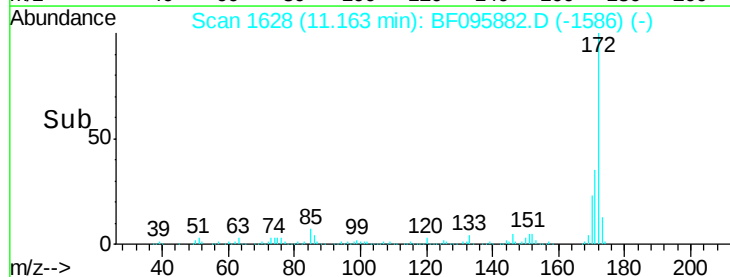
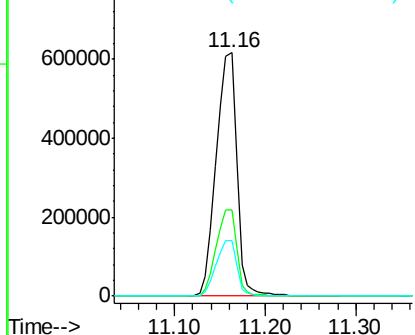


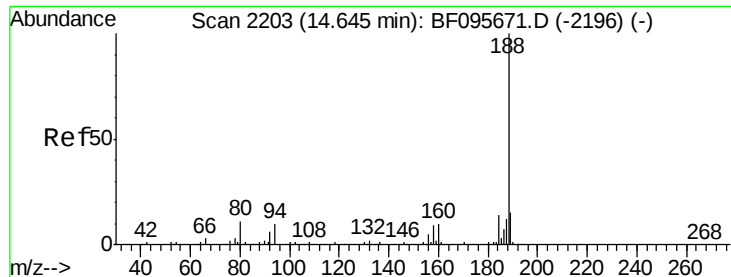
#44
 2-Fluorobiphenyl
 Concen: 101.402 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

Tgt Ion:172 Resp: 977391
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 22.8 19.8 29.8



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BF095882.D

Acq: 12 Jun 2017 20:39

Instrument :

BNA_F

ClientSampleId :

EO-01-060917-A

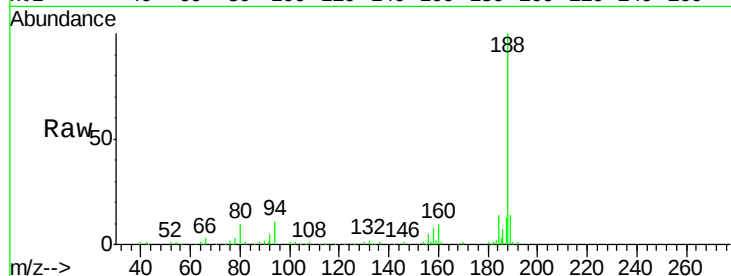
Tgt Ion:188 Resp: 256973

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

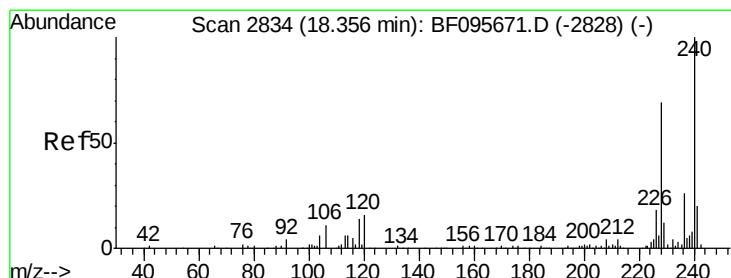
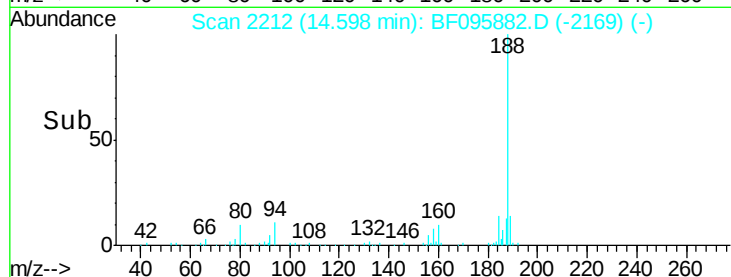
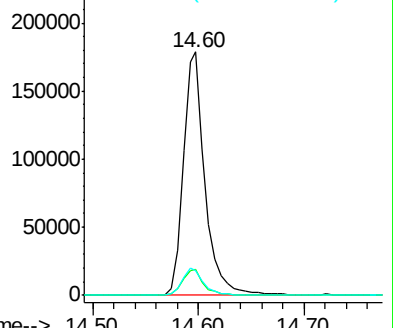
80 10.0 10.2 15.2#



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: 20.000 ng

RT: 18.32 min Scan# 2844

Delta R.T. -0.04 min

Lab File: BF095882.D

Acq: 12 Jun 2017 20:39

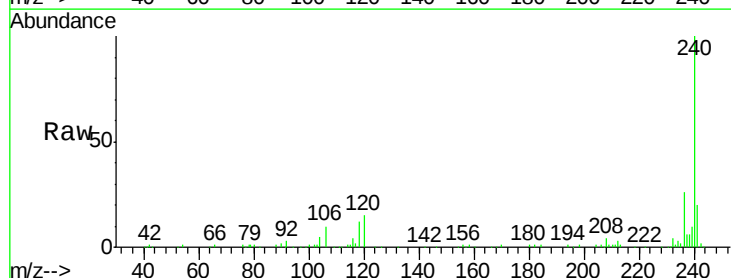
Tgt Ion:240 Resp: 211374

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

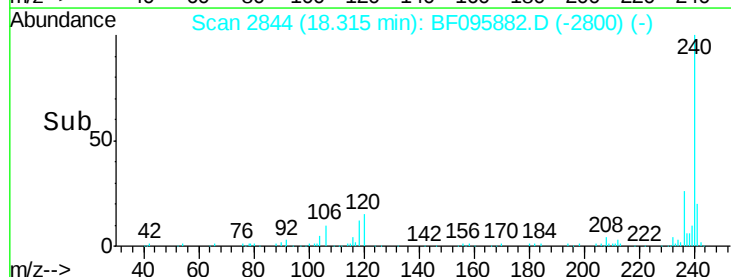
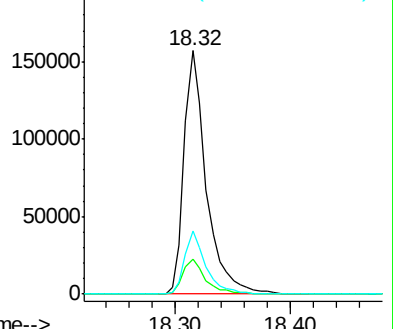
236 25.7 20.5 30.7

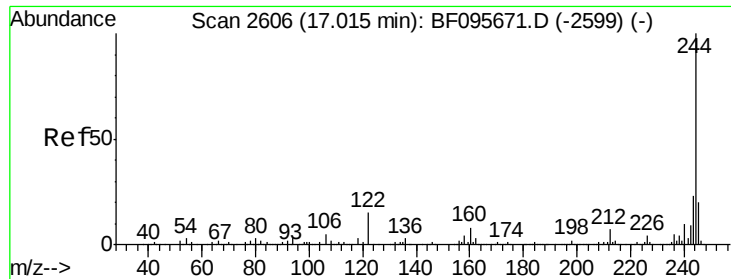


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

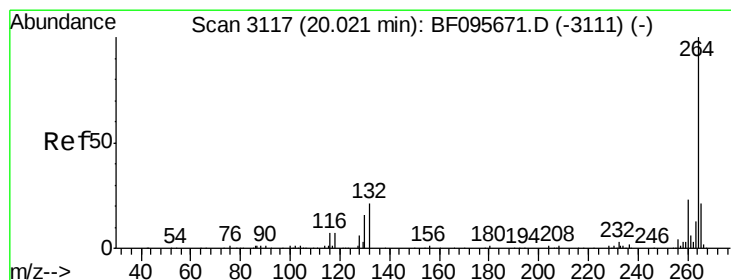
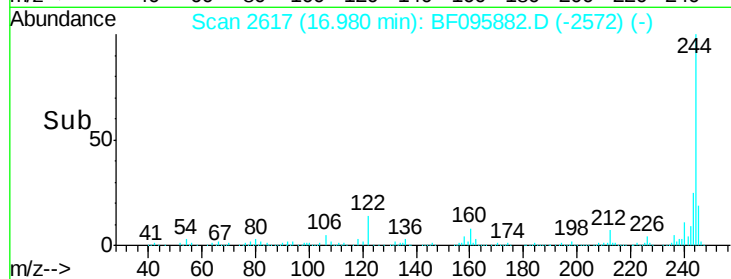
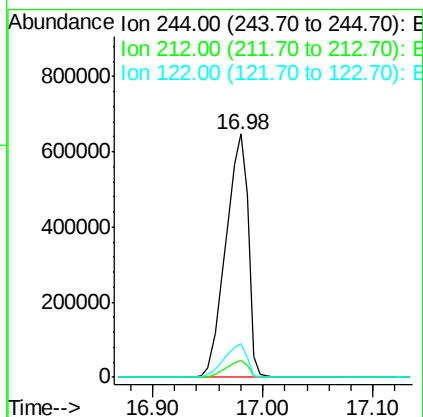
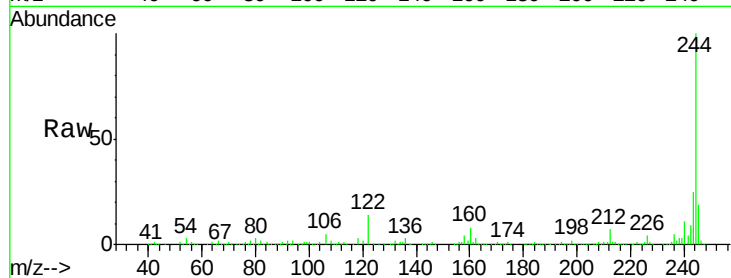




#78
 Terphenyl-d14
 Concen: 107.942 ng
 RT: 16.98 min Scan# 2617
 Delta R.T. -0.04 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-060917-A

Tgt Ion: 244 Resp: 919365
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

Tgt Ion: 264 Resp: 135297
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 20.8 17.2 25.8

