

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095335.D
 Acq On : 23 May 2017 4:34
 Operator : SJ/MA
 Sample : I3249-30
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 05:03:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

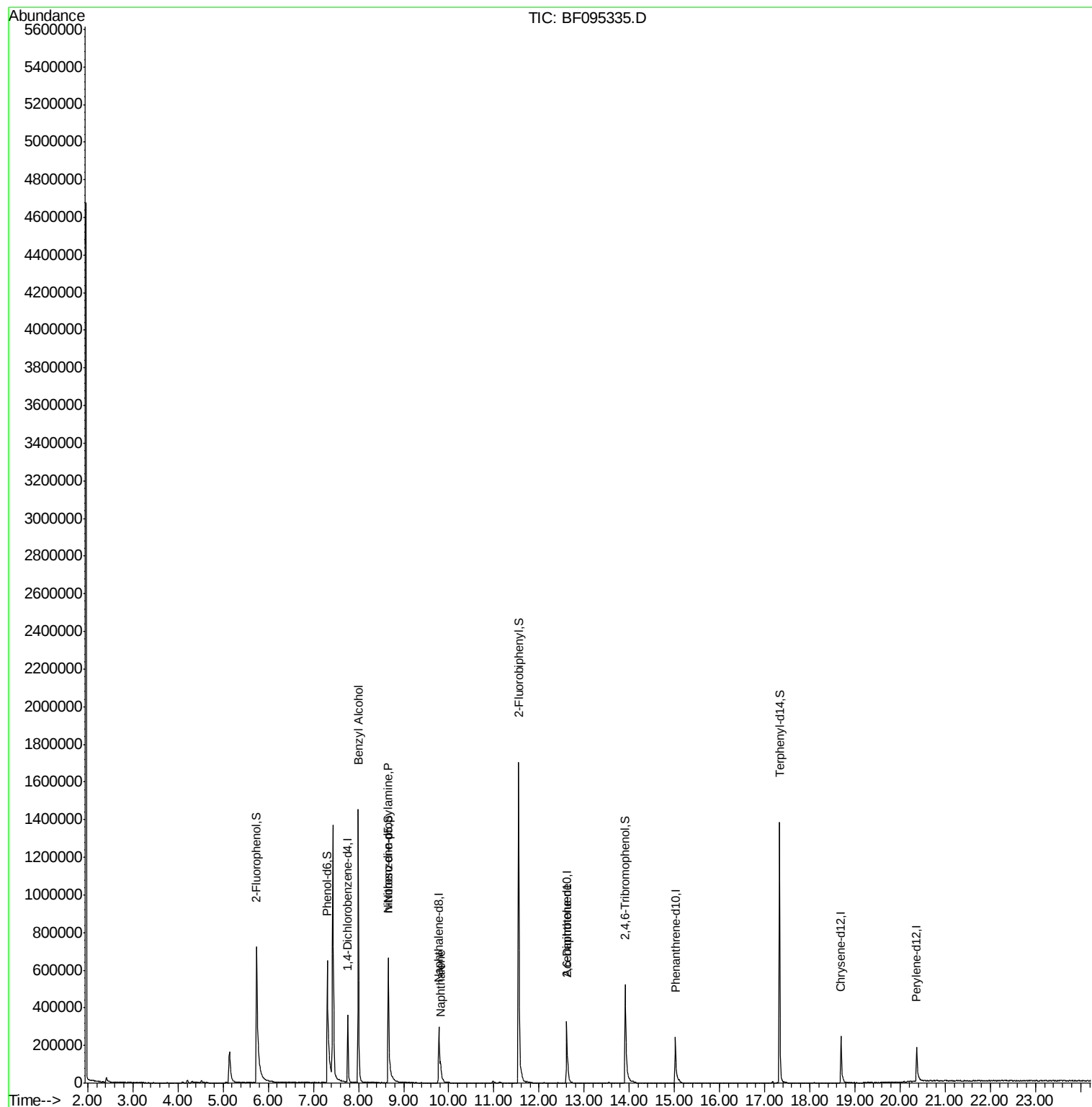
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	80380	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	320466	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	141161	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	183030	20.00	ng	0.00
75) Chrysene-d12	18.69	240	167166	20.00	ng	0.00
86) Perylene-d12	20.37	264	137841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	632230	131.13	ng	0.00
7) Phenol-d6	7.31	99	685358	118.48	ng	0.00
23) Nitrobenzene-d5	8.66	82	456180	89.76	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	145310	125.69	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1008216	102.80	ng	-0.01
78) Terphenyl-d14	17.33	244	577438	76.08	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.00	79	7501	2.02	ng	# 40
19) n-Nitroso-di-n-propylamine	8.66	70	52899	13.52	ng	# 75
31) Naphthalene	9.82	128	65488	4.07	ng	98
50) 2,6-Dinitrotoluene	12.61	165	13896	5.88	ng	# 31

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

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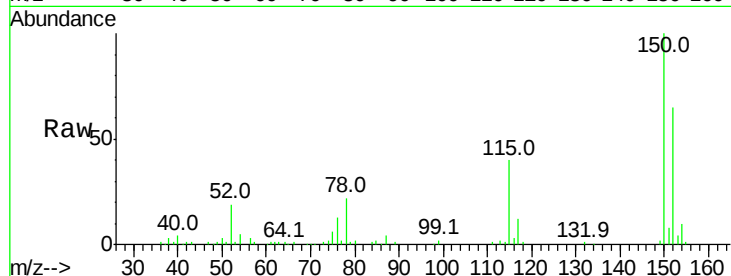


#1

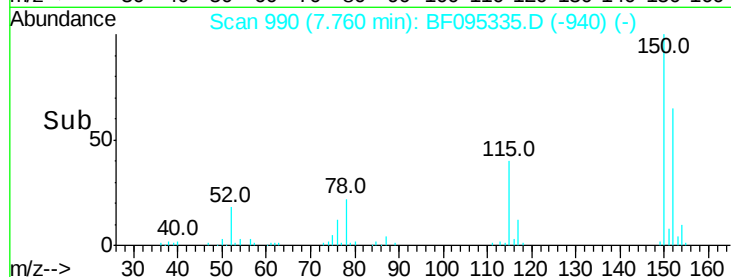
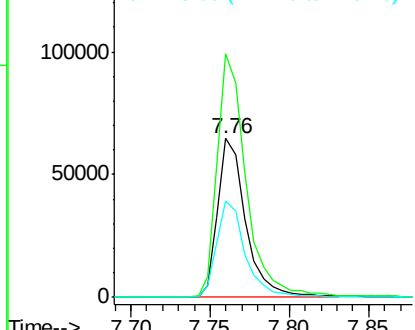
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095335.D
Acq: 23 May 2017 4:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 80380
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 60.9 52.2 78.2



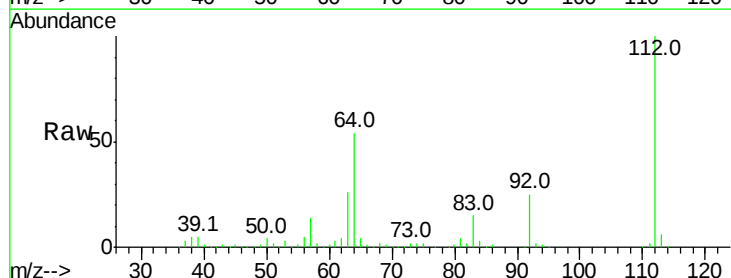
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



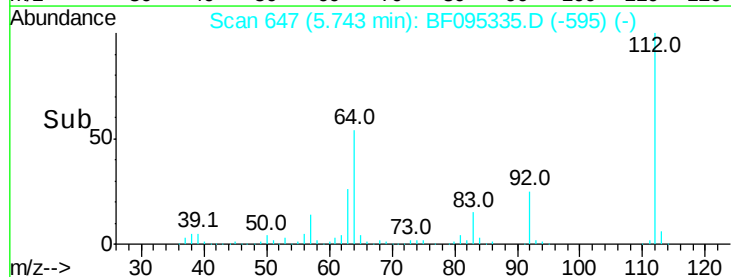
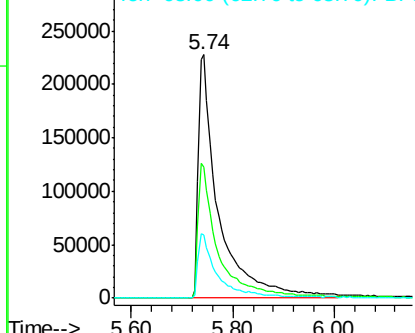
#5

2-Fluorophenol
Concen: 131.13 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095335.D
Acq: 23 May 2017 4:34

Tgt Ion:112 Resp: 632230
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 25.9 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: 118.48 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

Instrument :

BNA_F

ClientSampleId :

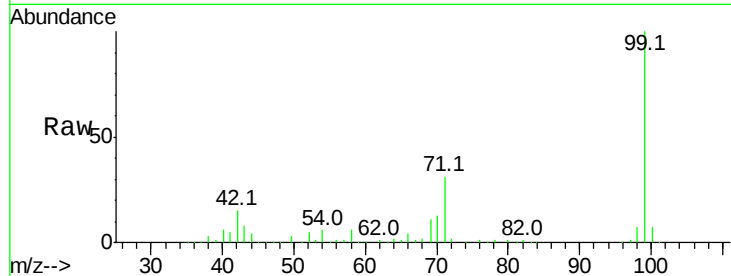
Tot Ion: 99 Resp: 685358

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

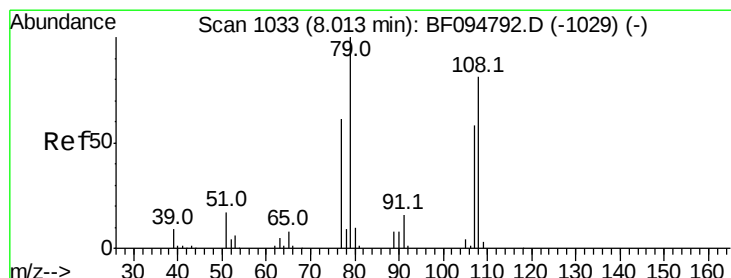
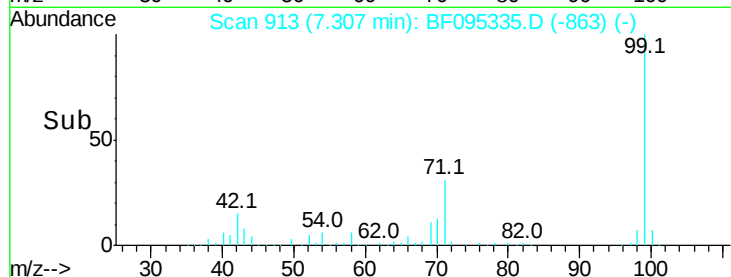
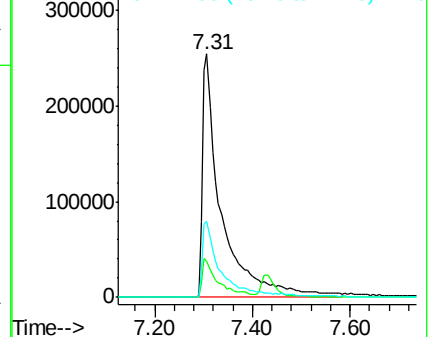
71 31.4 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

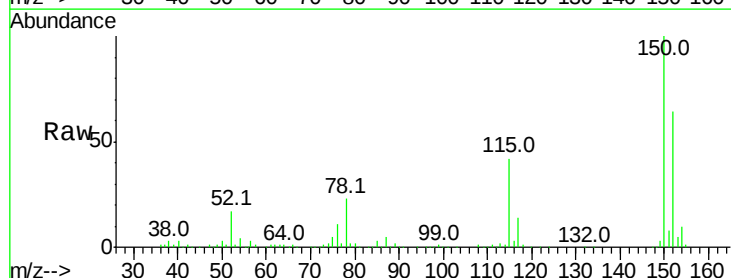
Tgt Ion: 79 Resp: 7501

Ion Ratio Lower Upper

79 100

108 32.4 63.4 95.0#

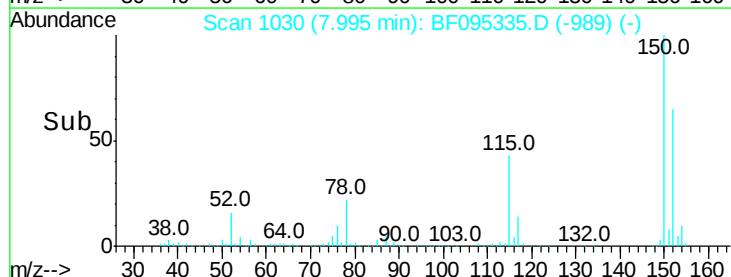
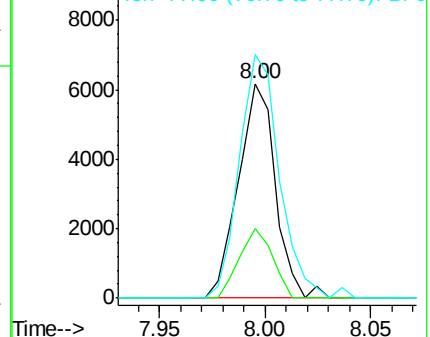
77 113.5 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.52 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 52899

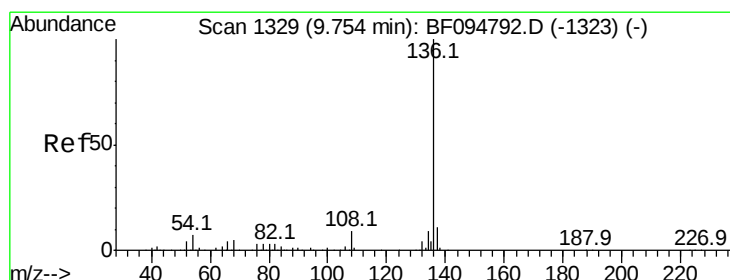
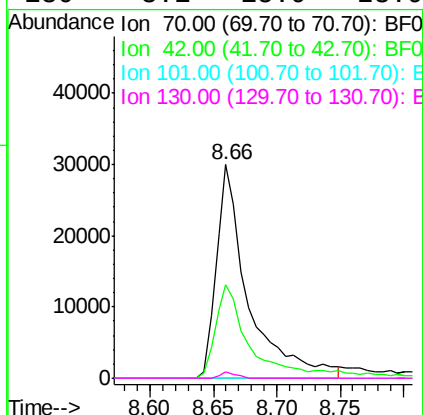
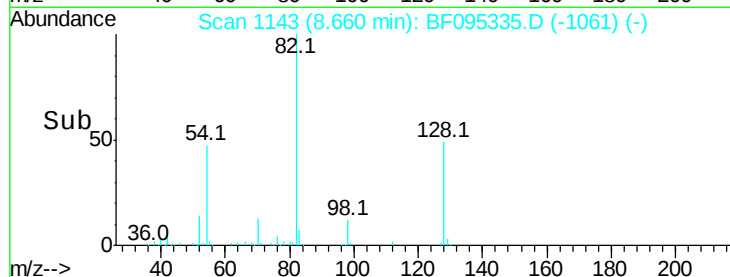
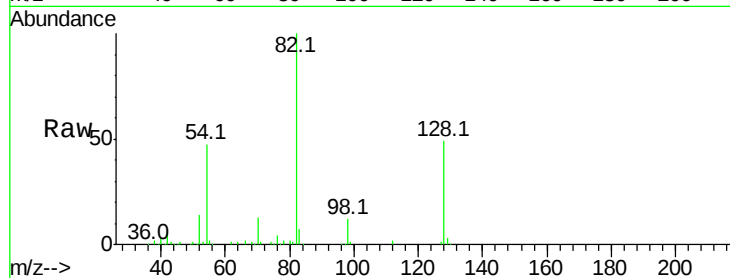
Ion Ratio Lower Upper

70 100

42 43.5 47.2 70.8#

101 0.0 7.2 10.8#

130 3.1 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

Tgt Ion:136 Resp: 320466

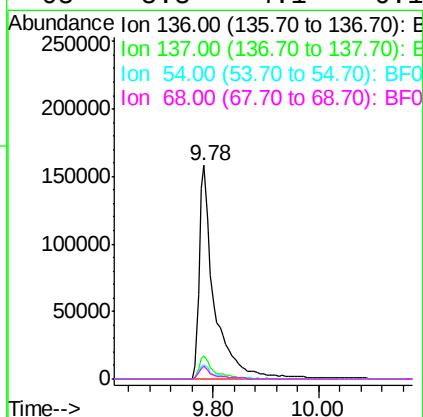
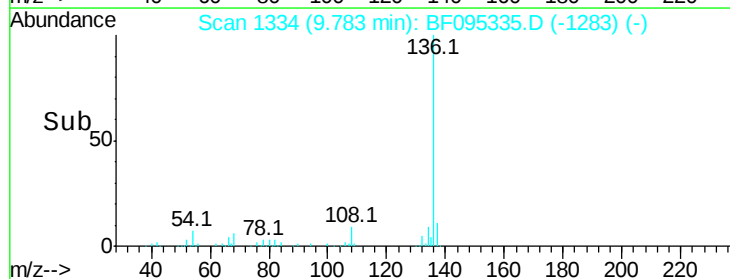
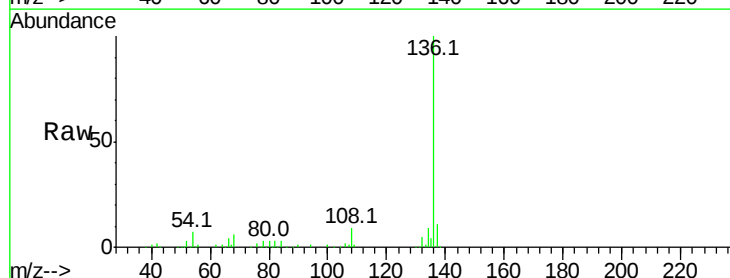
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.8 4.1 6.1

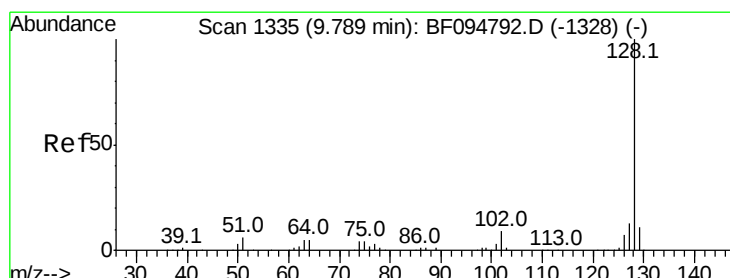
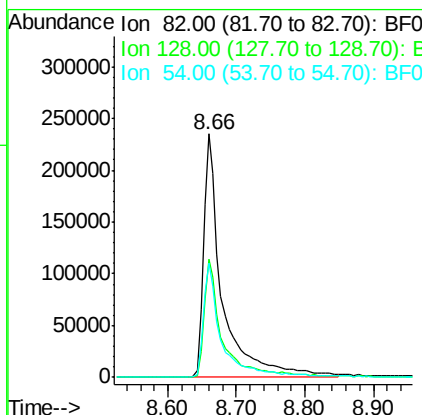
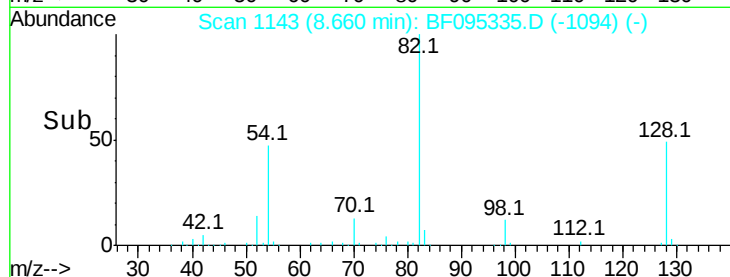
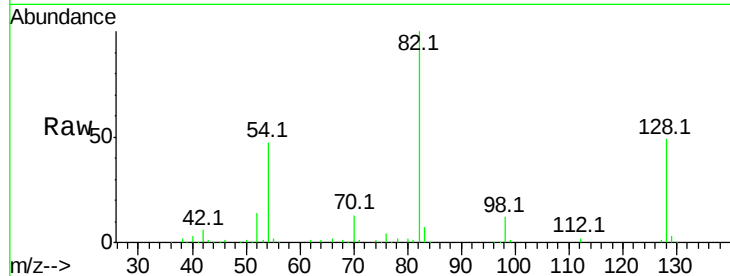




#23
 Nitrobenzene-d5
 Concen: 89.76 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

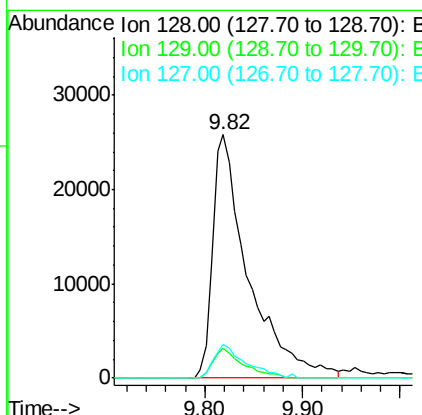
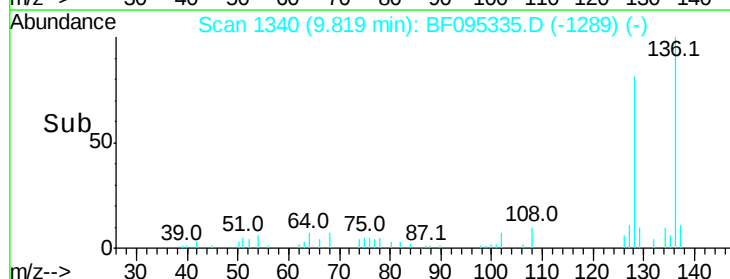
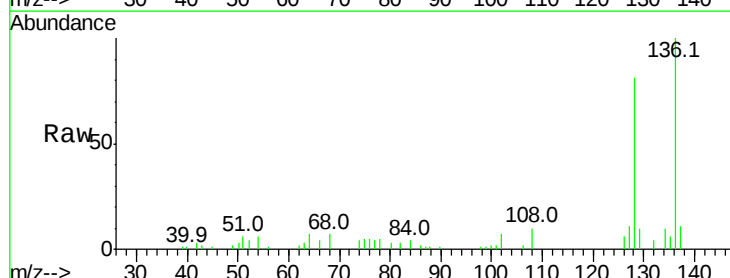
Instrument :
 BNA_F
 ClientSampleId :

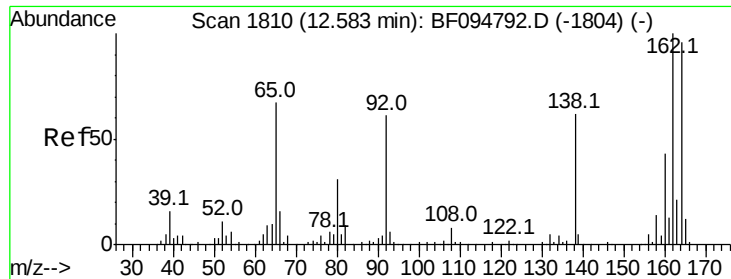
Tot Ion: 82 Resp: 456180
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 47.1 42.2 63.2



#31
 Naphthalene
 Concen: 4.07 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

Tgt Ion:128 Resp: 65488
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.0 13.6
 127 14.1 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

Instrument :

BNA_F

ClientSampleId :

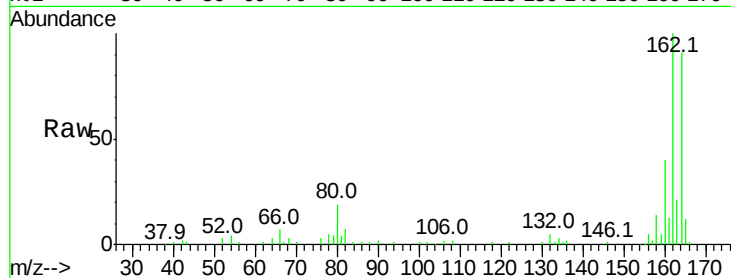
Tot Ion:164 Resp: 141161

Ion Ratio Lower Upper

164 100

162 110.3 82.6 123.8

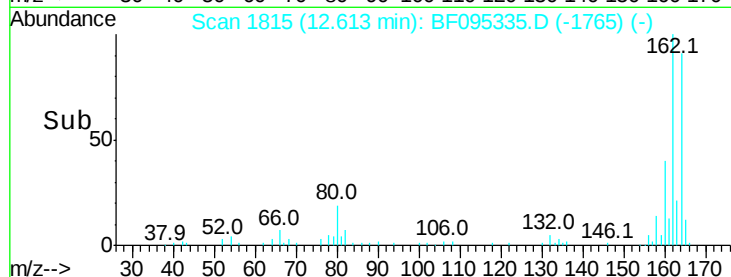
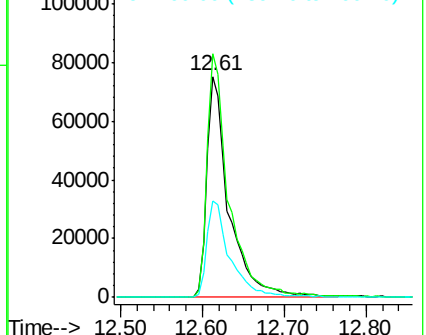
160 44.0 36.2 54.2



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: 125.69 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095335.D

Acq: 23 May 2017 4:34

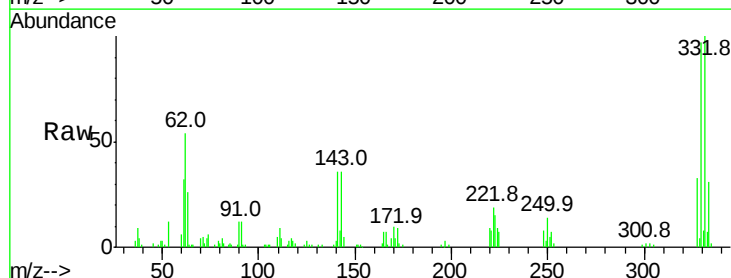
Tgt Ion:330 Resp: 145310

Ion Ratio Lower Upper

330 100

332 94.4 76.6 115.0

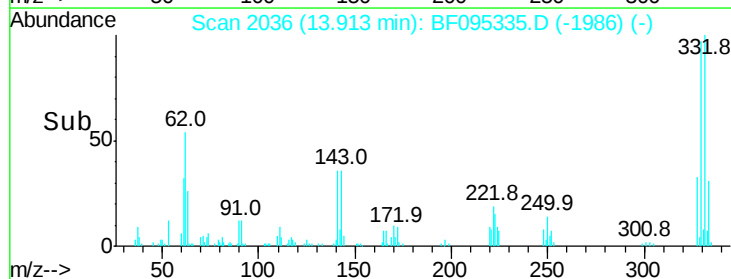
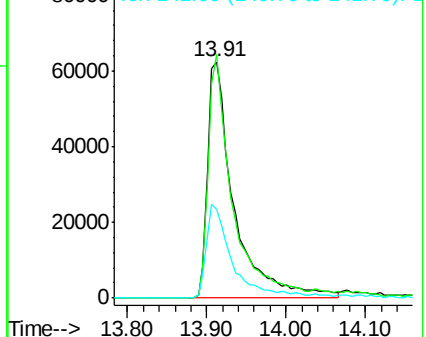
141 38.8 31.4 47.2



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

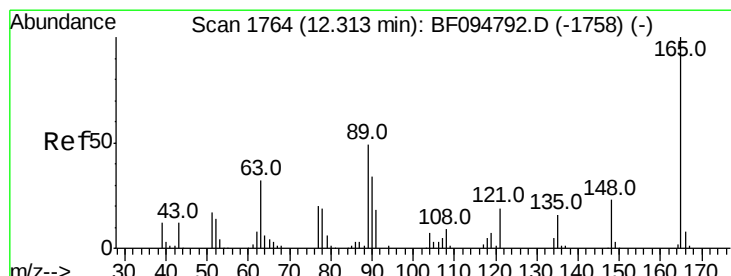
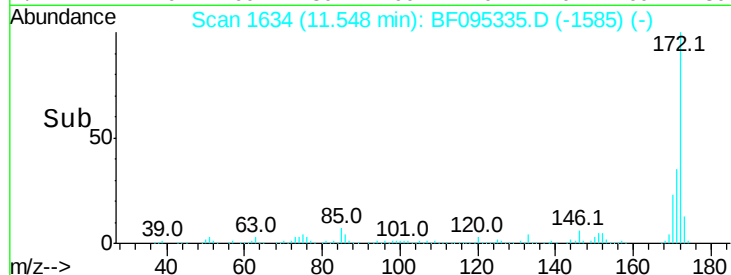
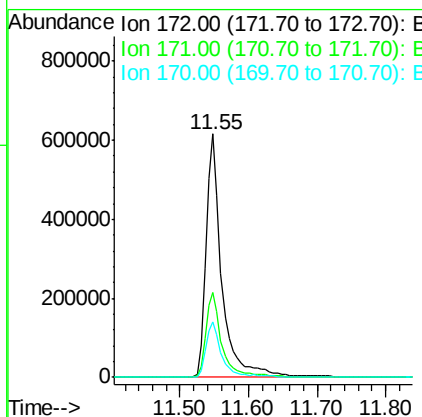
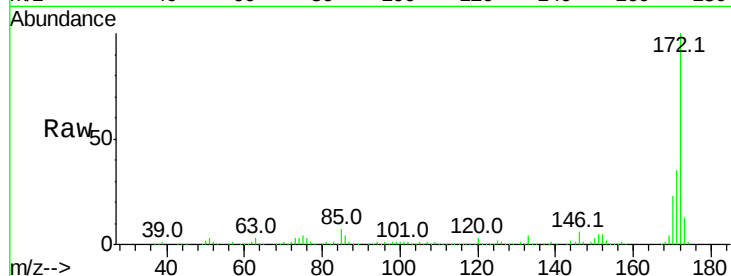




#44
 2-Fluorobiphenyl
 Concen: 102.80 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

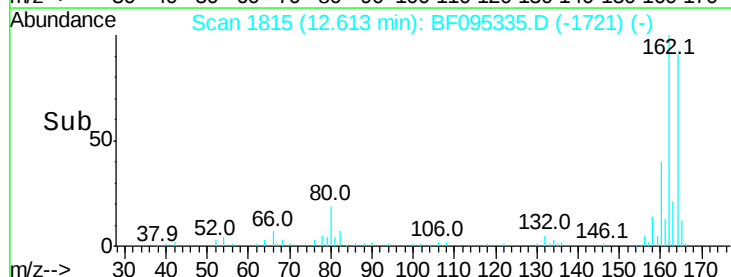
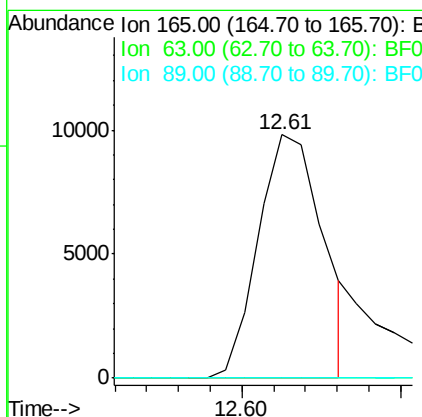
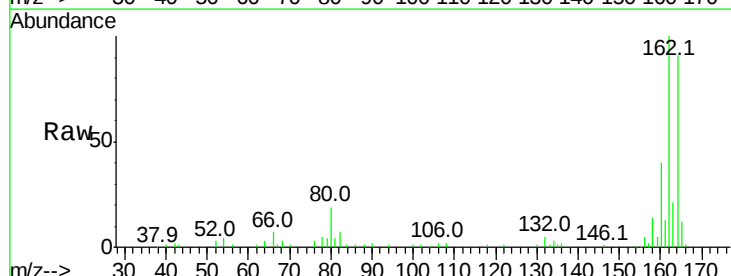
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1008216
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 22.9 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.88 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

Tgt Ion:165 Resp: 13896
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

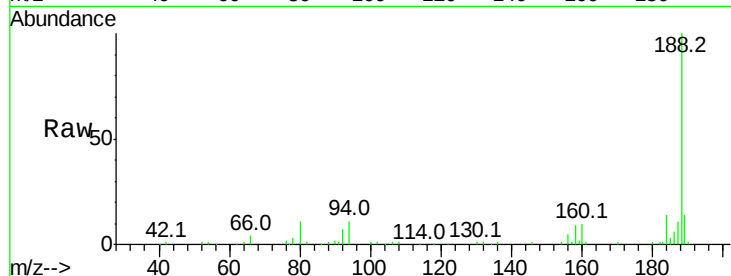




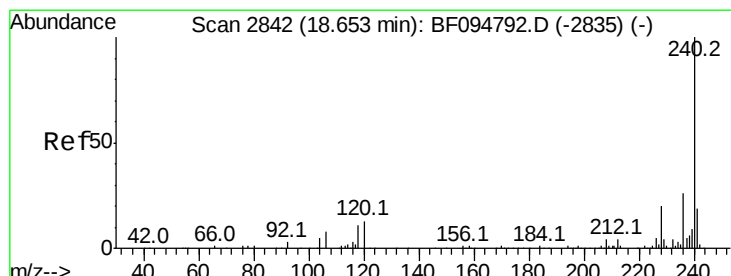
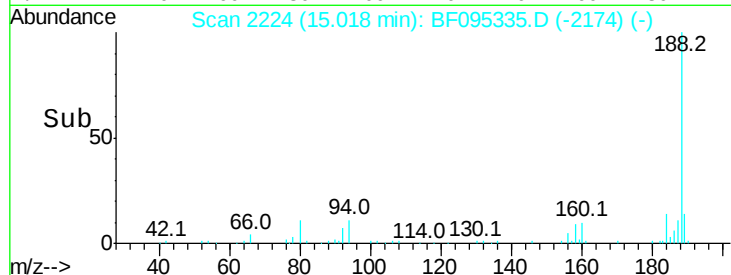
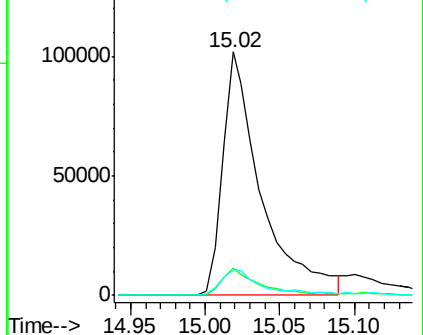
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095335.D
Acq: 23 May 2017 4:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 183030
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 10.8 10.2 15.2

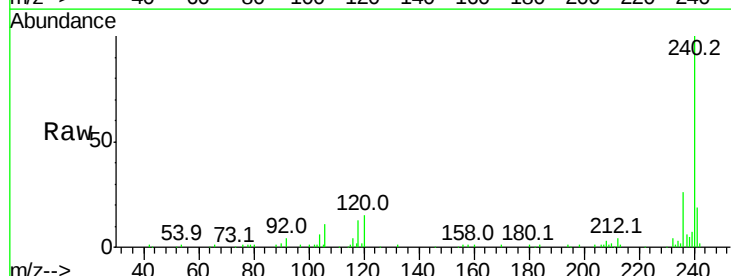


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

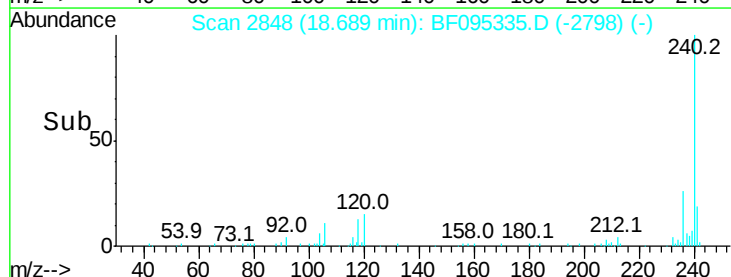
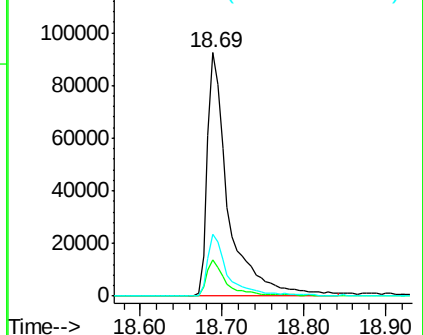


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095335.D
Acq: 23 May 2017 4:34

Tgt Ion:240 Resp: 167166
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.6 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

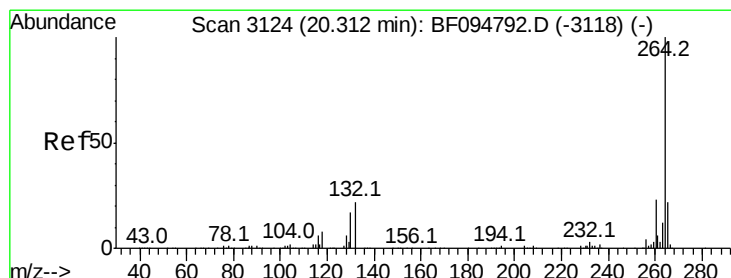
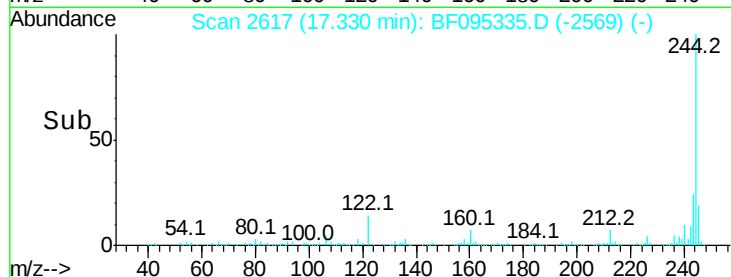
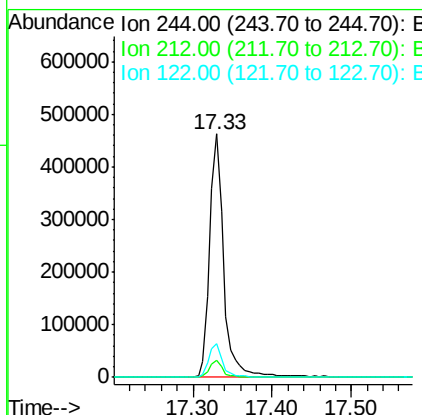
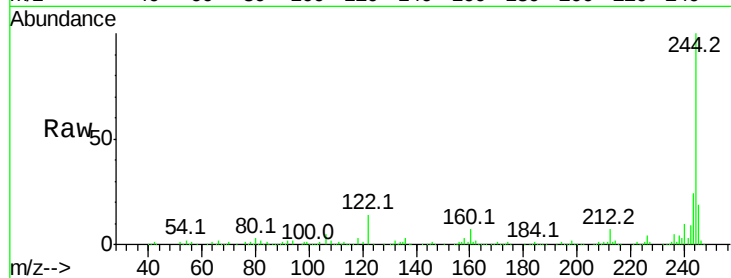




#78
 Terphenyl-d14
 Concen: 76.08 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 577438
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095335.D
 Acq: 23 May 2017 4:34

Tgt Ion:264 Resp: 137841
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 22.0 17.2 25.8

