

Data File : BF095814.D
Acq On : 9 Jun 2017 11:11
Operator : SJ/MA
Sample : I3495-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-01

Quant Time: Jun 10 01:19:43 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	7.36	152	71707	20.00	ng	-0.04
21) Naphthalene-d8	9.40	136	291449	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	128538	20.00	ng	-0.04
63) Phenanthrene-d10	14.61	188	219221	20.00	ng	-0.04
75) Chrysene-d12	18.33	240	144870	20.00	ng	-0.03
86) Perylene-d12	20.00	264	129471	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	443637	98.58	ng	-0.03
7) Phenol-d6	6.93	99	542295	100.66	ng	-0.03
23) Nitrobenzene-d5	8.28	82	309401	65.93	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	104403	91.80	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	504801	54.65	ng	-0.04
78) Terphenyl-d14	16.99	244	346137	59.30	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.28	70	38251	11.20	ng	Qvalue # 74
49) Dimethylphthalate	11.87	163	79709	8.17	ng	99

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

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ClientSampleId :

DS-01

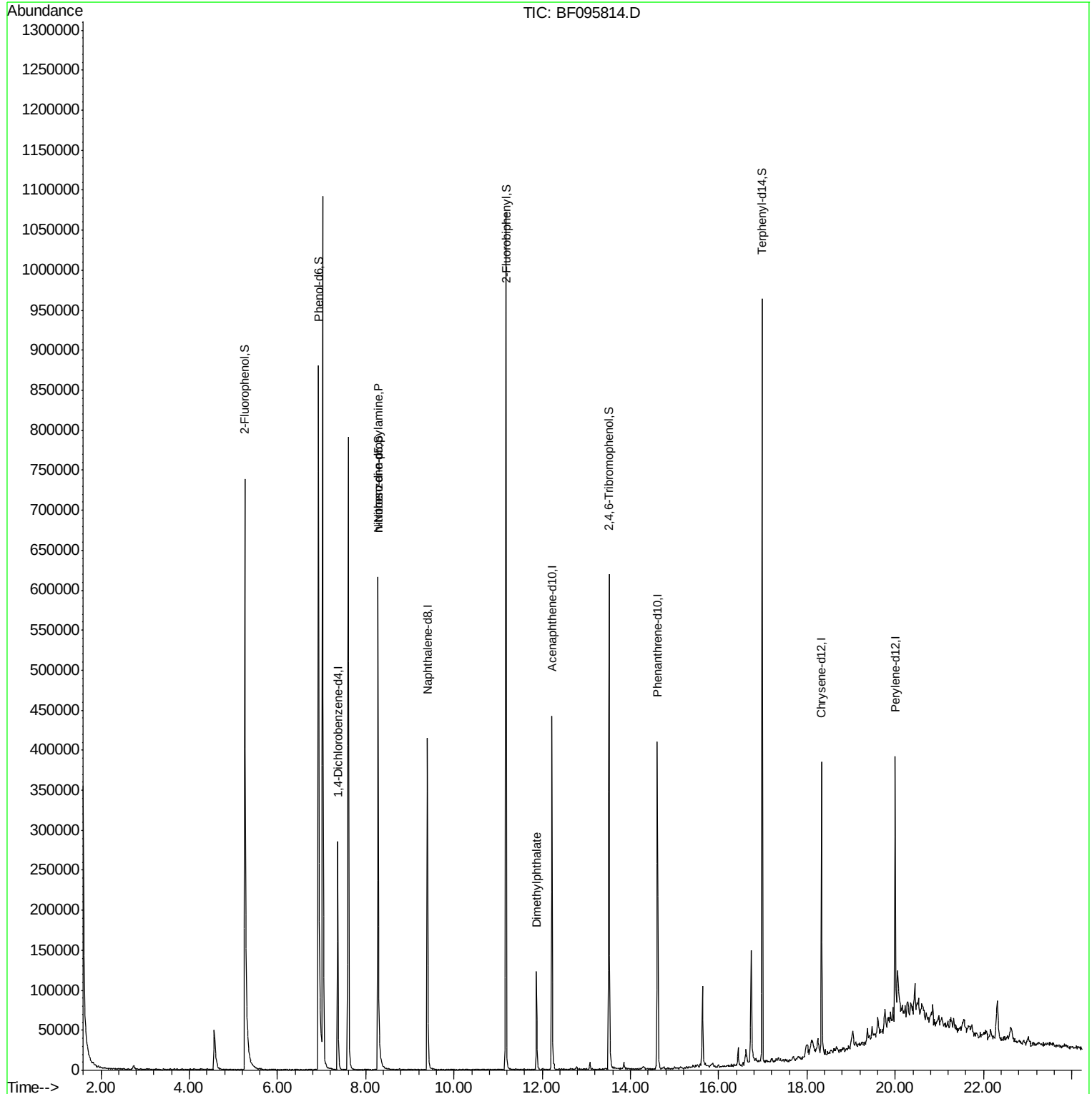
Quant Time: Jun 10 01:19:43 2017

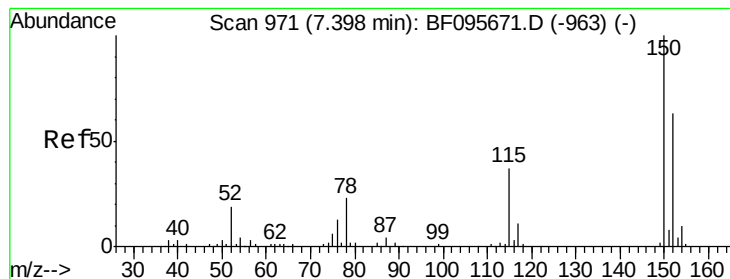
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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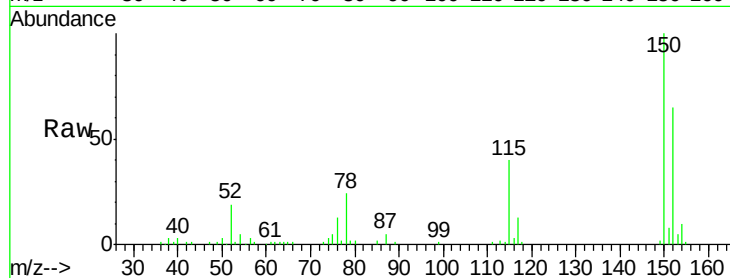


#1

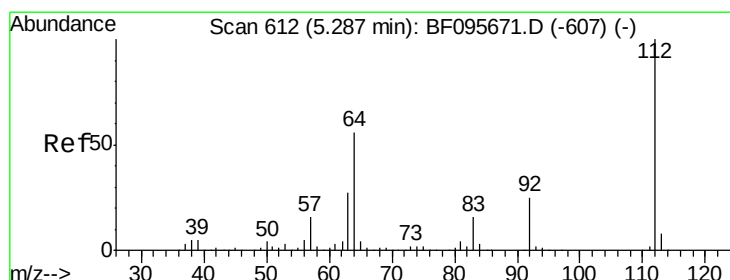
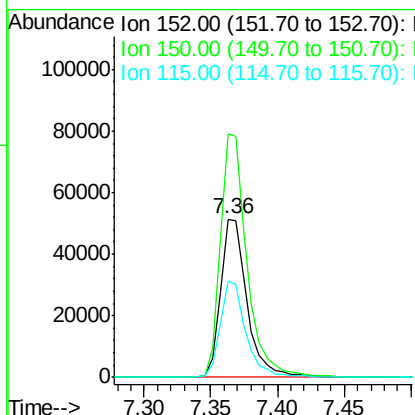
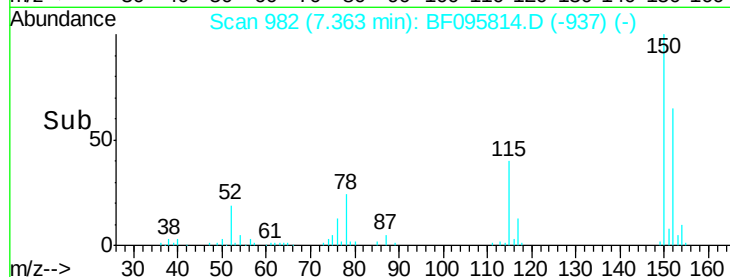
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.36 min Scan# 982
 Delta R.T. -0.04 min
 Lab File: BF095814.D
 Acq: 9 Jun 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :
 DS-01

Tgt Ion:152 Resp: 71707
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.2 189.2
 115 61.0 52.2 78.2



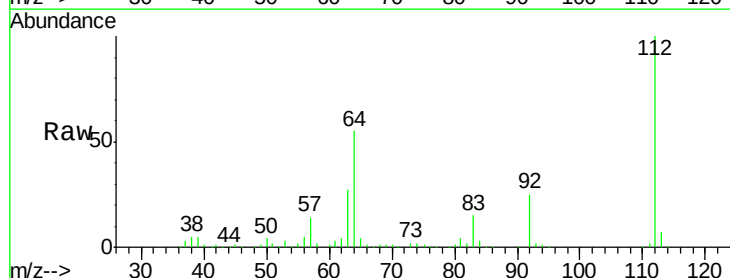
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



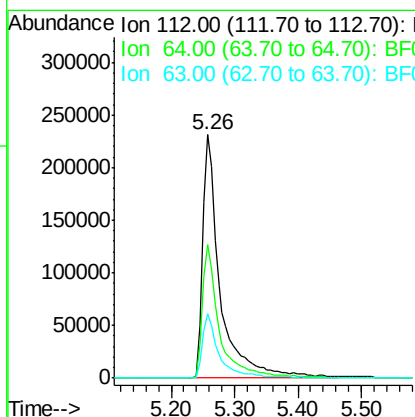
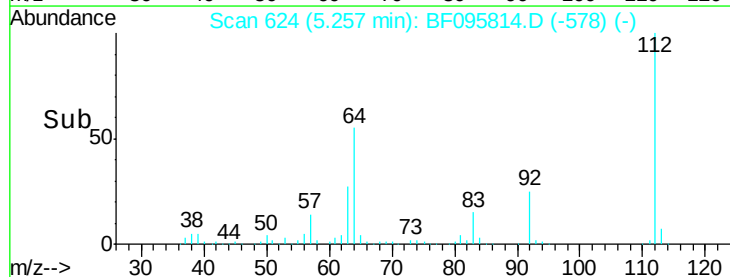
#5

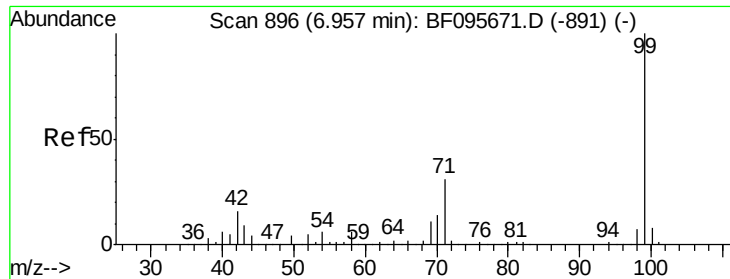
2-Fluorophenol
 Concen: 98.58 ng
 RT: 5.26 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF095814.D
 Acq: 9 Jun 2017 11:11

Tgt Ion:112 Resp: 443637
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.0 69.0
 63 26.5 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: 100.66 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095814.D

Acq: 9 Jun 2017 11:11

Instrument :

BNA_F

ClientSampleId :

DS-01

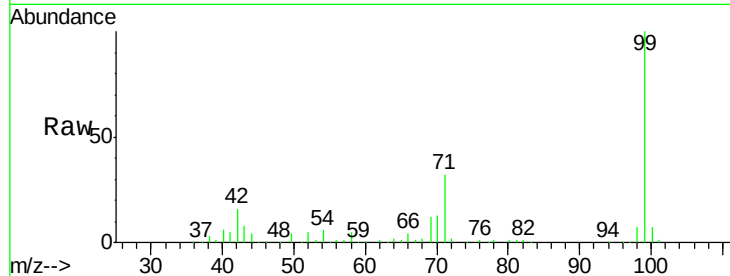
Tgt Ion: 99 Resp: 542295

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

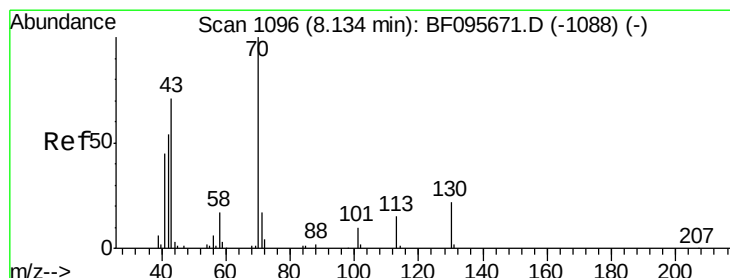
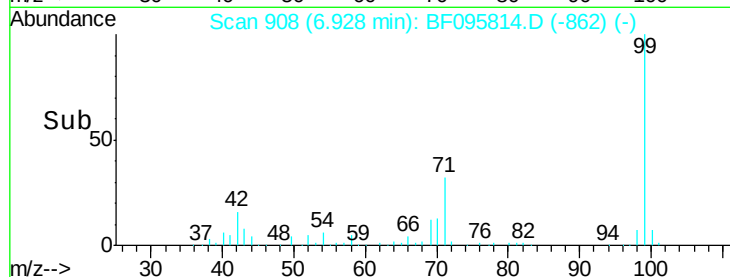
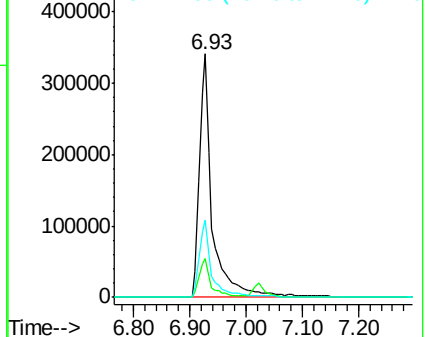
71 31.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.20 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095814.D

Acq: 9 Jun 2017 11:11

Tgt Ion: 70 Resp: 38251

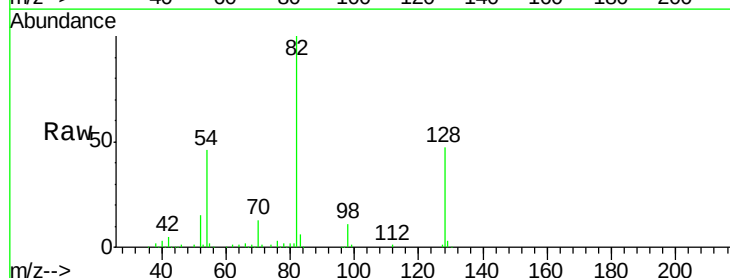
Ion Ratio Lower Upper

70 100

42 42.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

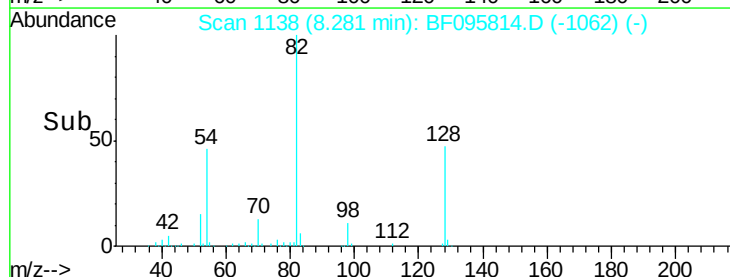
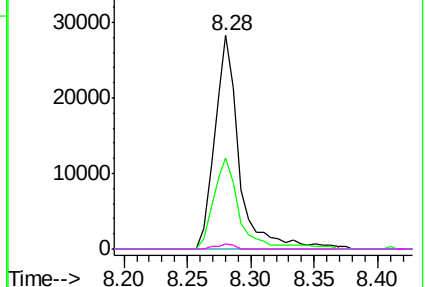


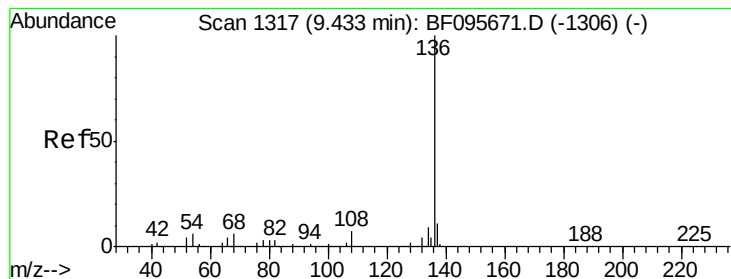
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095814.D

Acq: 9 Jun 2017 11:11

Instrument :

BNA_F

ClientSampleId :

DS-01

Tgt Ion: 136 Resp: 291449

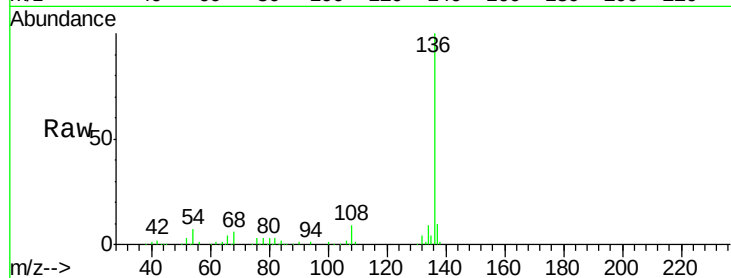
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.6 4.9 7.3

68 5.6 4.1 6.1

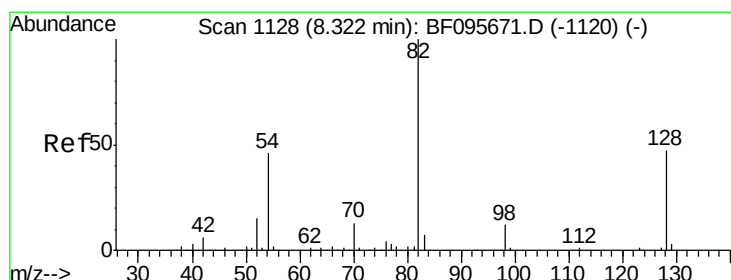
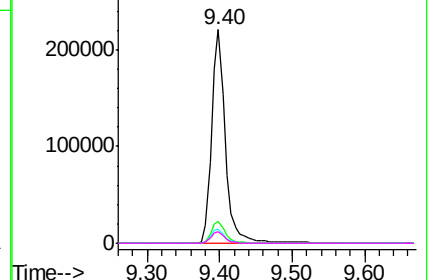
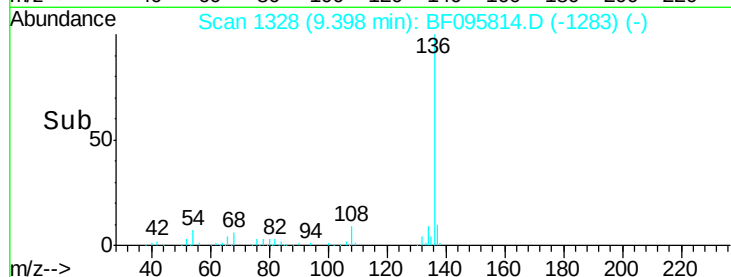


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.93 ng

RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095814.D

Acq: 9 Jun 2017 11:11

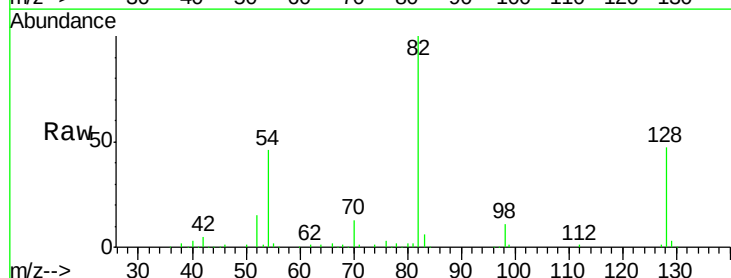
Tgt Ion: 82 Resp: 309401

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

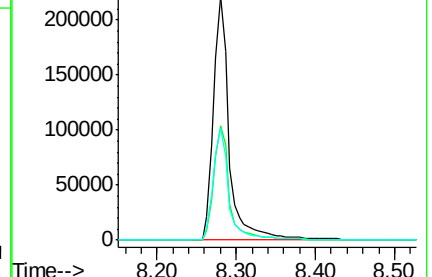
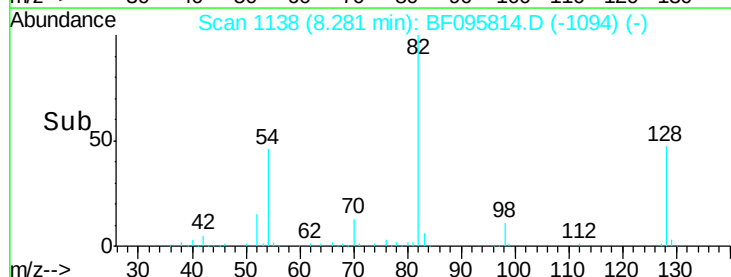
54 46.1 42.2 63.2

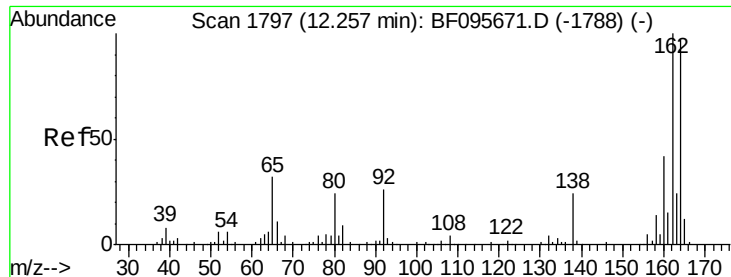


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095814.D

Acq: 9 Jun 2017 11:11

Instrument :

BNA_F

ClientSampleId :

DS-01

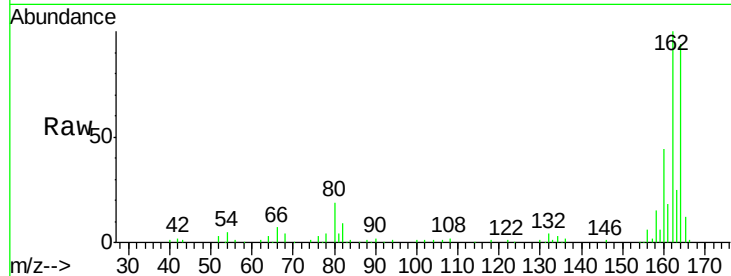
Tgt Ion:164 Resp: 128538

Ion Ratio Lower Upper

164 100

162 106.4 82.6 123.8

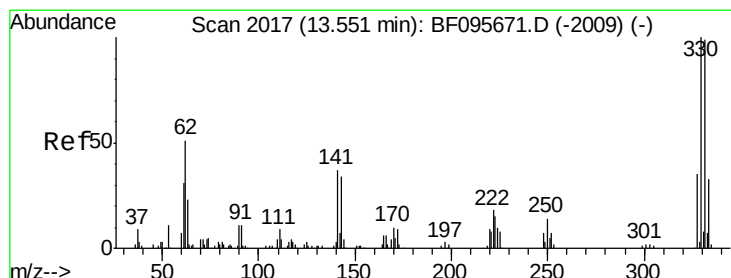
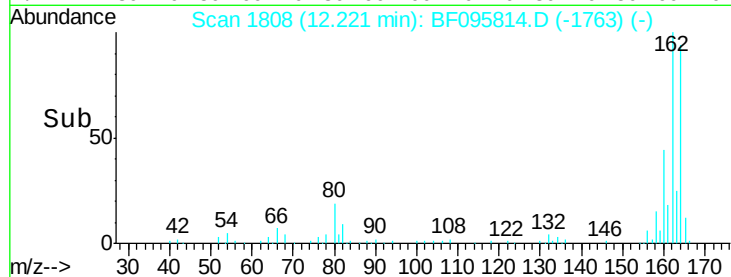
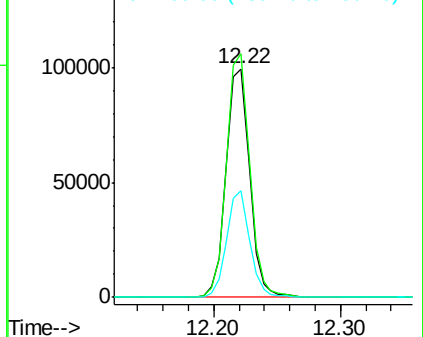
160 46.8 36.2 54.2



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: 91.80 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF095814.D

Acq: 9 Jun 2017 11:11

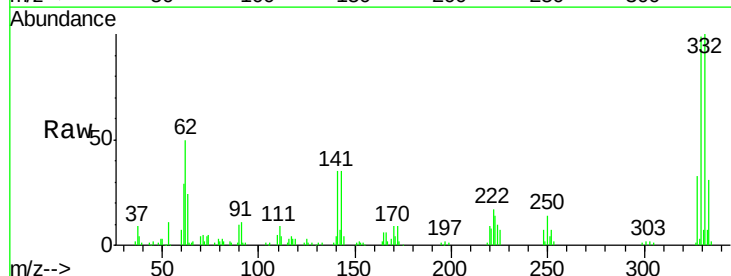
Tgt Ion:330 Resp: 104403

Ion Ratio Lower Upper

330 100

332 99.1 76.6 115.0

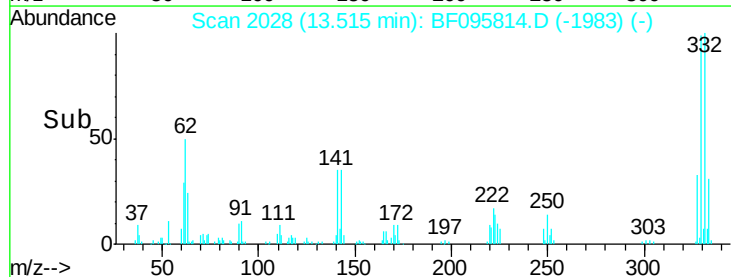
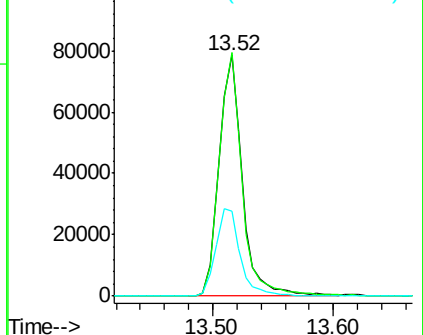
141 37.8 31.4 47.2

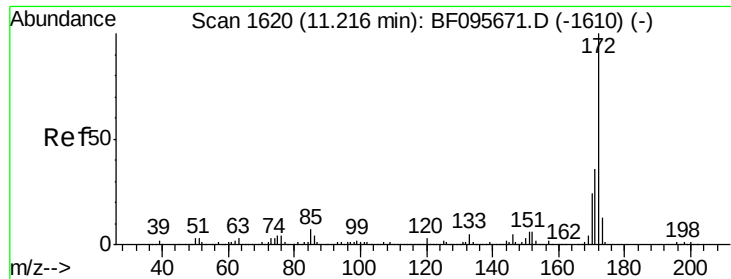


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

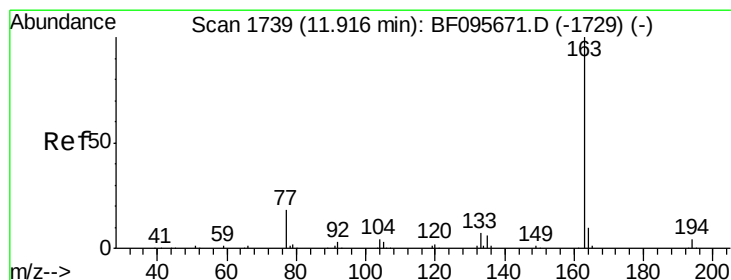
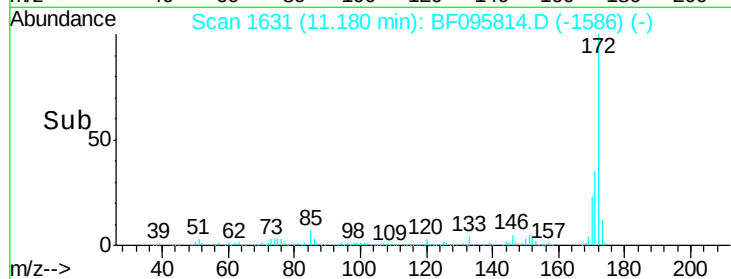
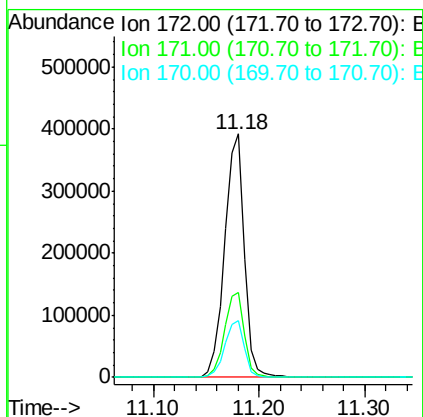
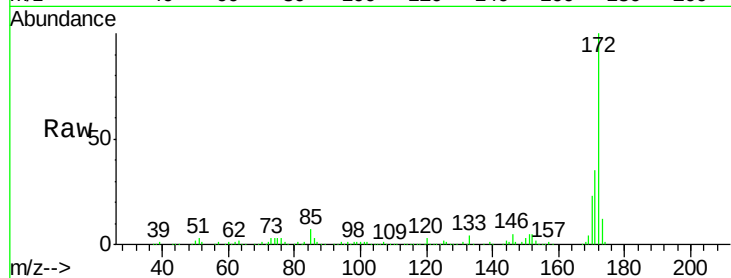




#44
2-Fluorobiphenyl
Concen: 54.65 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095814.D
Acq: 9 Jun 2017 11:11

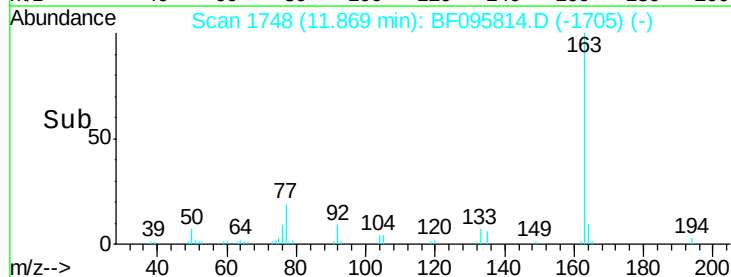
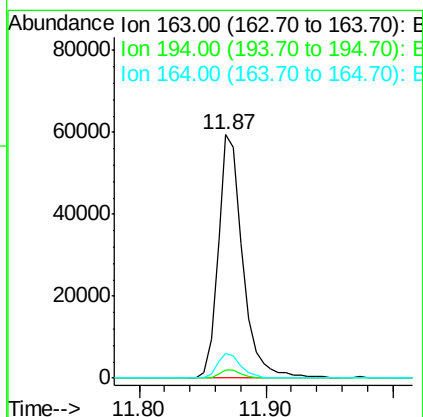
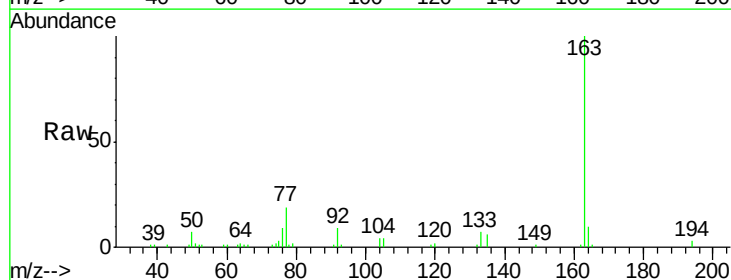
Instrument :
BNA_F
ClientSampleId :
DS-01

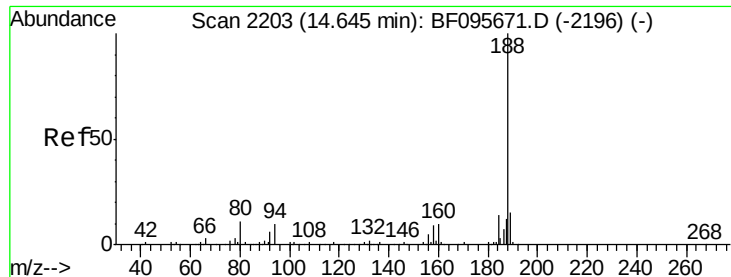
Tgt Ion:172 Resp: 504801
Ion Ratio Lower Upper
172 100
171 34.6 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 8.17 ng
RT: 11.87 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BF095814.D
Acq: 9 Jun 2017 11:11

Tgt Ion:163 Resp: 79709
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6

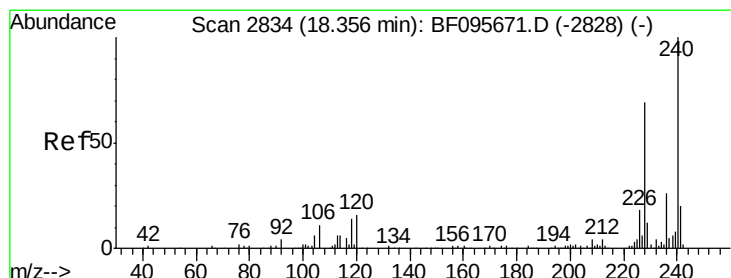
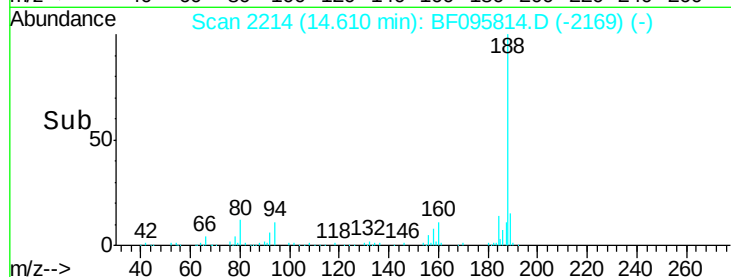
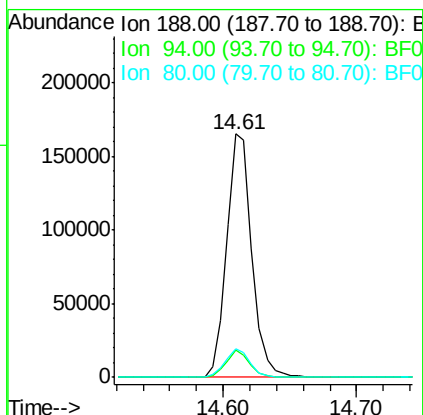
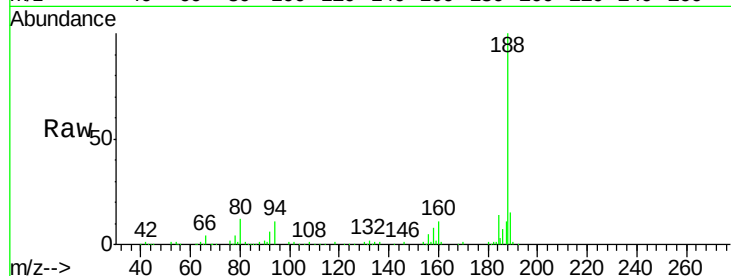




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF095814.D
Acq: 9 Jun 2017 11:11

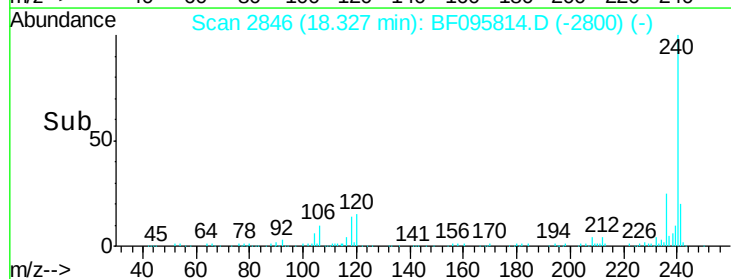
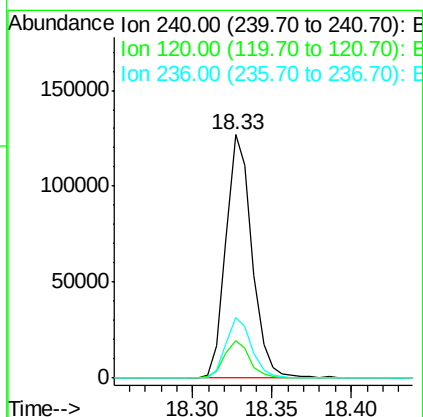
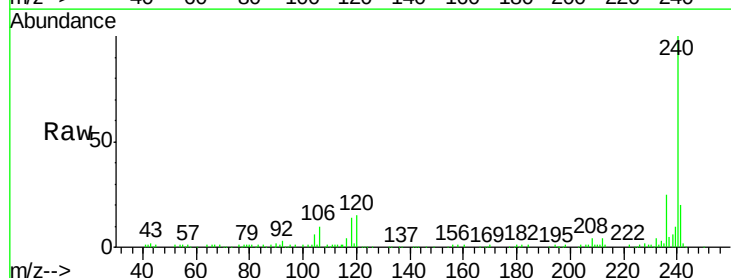
Instrument :
BNA_F
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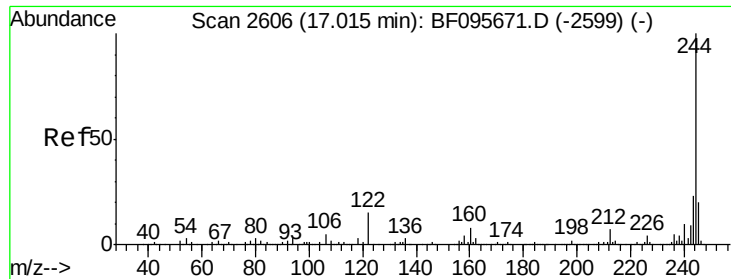
Tgt Ion:188 Resp: 219221
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.03 min
Lab File: BF095814.D
Acq: 9 Jun 2017 11:11

Tgt Ion:240 Resp: 144870
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 24.8 20.5 30.7

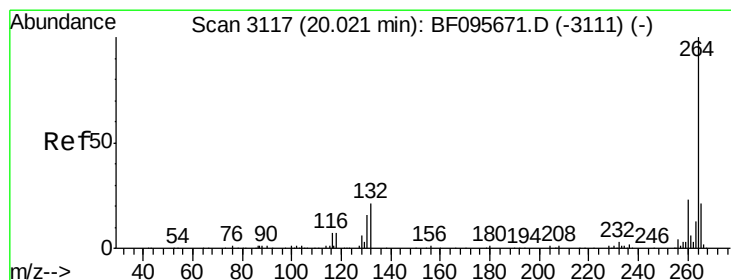
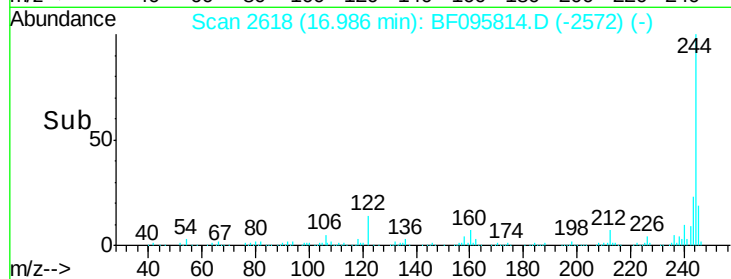
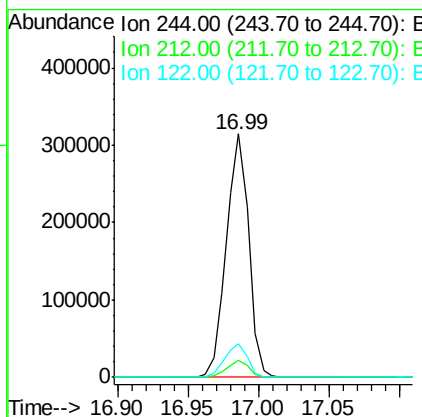
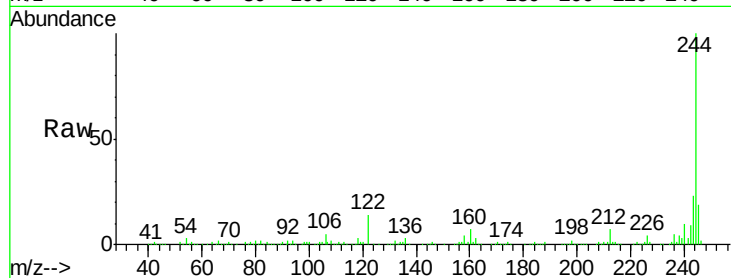




#78
 Terphenyl-d14
 Concen: 59.30 ng
 RT: 16.99 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BF095814.D
 Acq: 9 Jun 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :
 DS-01

Tgt Ion:244 Resp: 346137
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BF095814.D
 Acq: 9 Jun 2017 11:11

Tgt Ion:264 Resp: 129471
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.4 17.2 25.8

