

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089987.D
 Acq On : 2 Sep 2016 20:57
 Operator : UM/SJ
 Sample : H4675-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-4

Quant Time: Sep 02 23:17:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

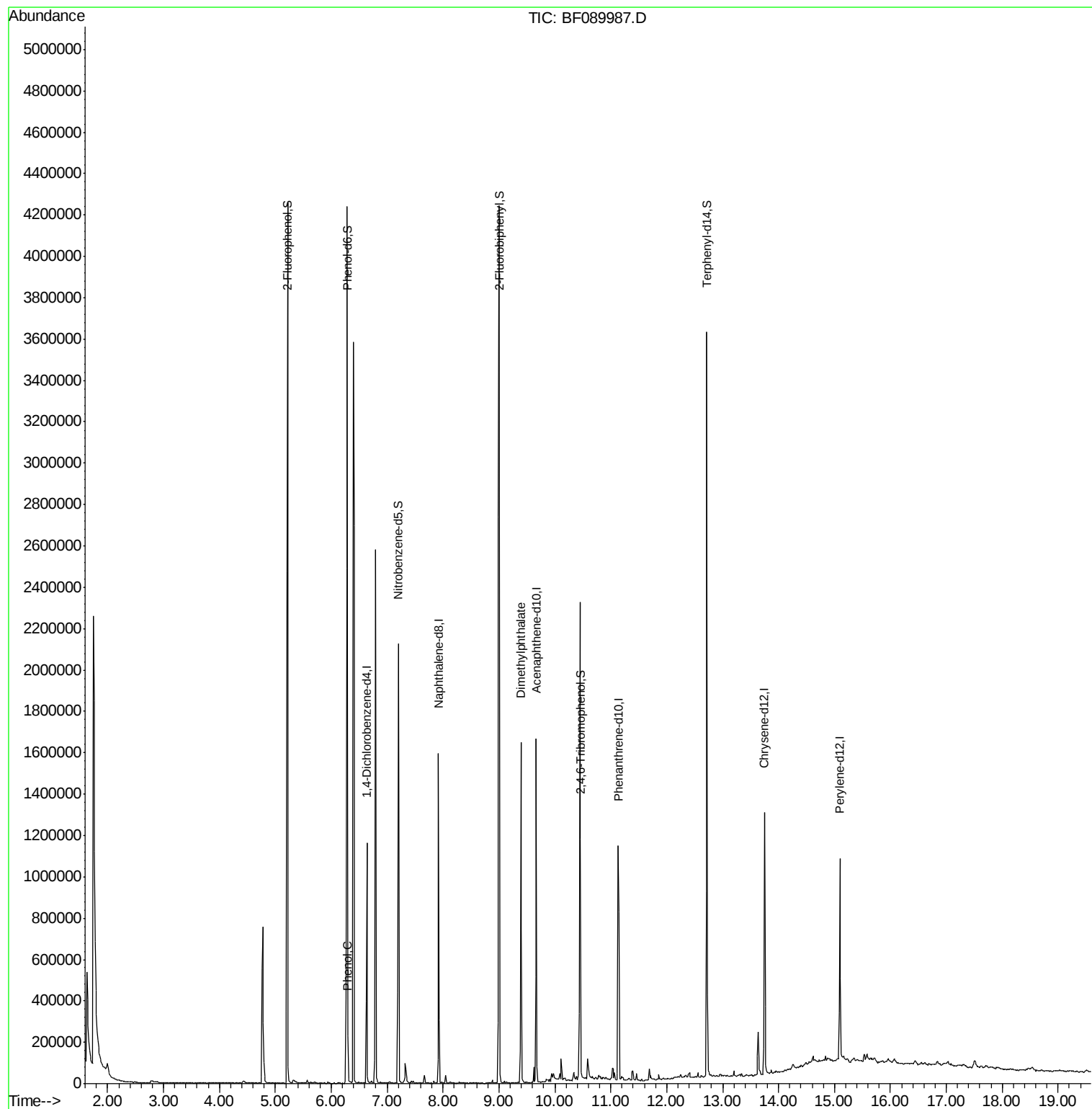
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	186103	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	690249	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	349209	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	564173	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	433274	20.00	ng	-0.01
86) Perylene-d12	15.10	264	421935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1395001	119.98	ng	0.01
7) Phenol-d6	6.28	99	1682757	119.11	ng	0.00
23) Nitrobenzene-d5	7.20	82	1031114	86.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	356244	103.40	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1756552	82.57	ng	0.00
78) Terphenyl-d14	12.72	244	1157360	65.99	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	54846	3.34	ng	Qvalue # 56
49) Dimethylphthalate	9.39	163	826597	32.75	ng	100

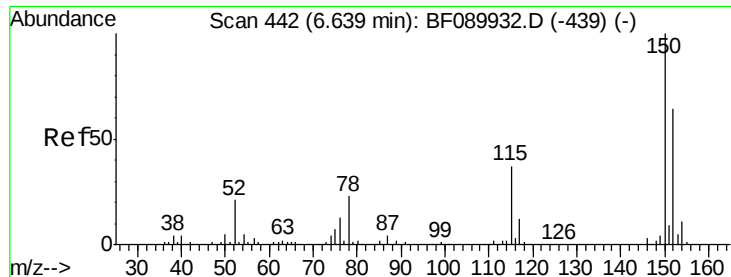
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089987.D

Acq: 2 Sep 2016 20:57

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-4

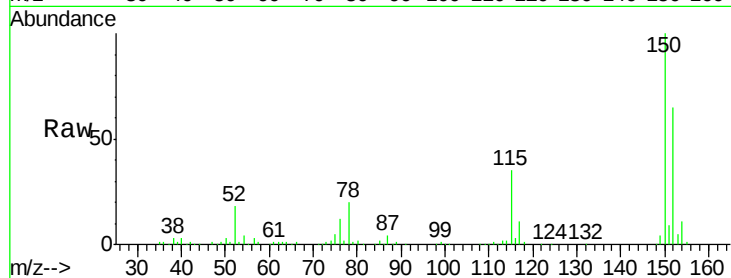
Tgt Ion:152 Resp: 186103

Ion Ratio Lower Upper

152 100

150 154.3 127.4 191.2

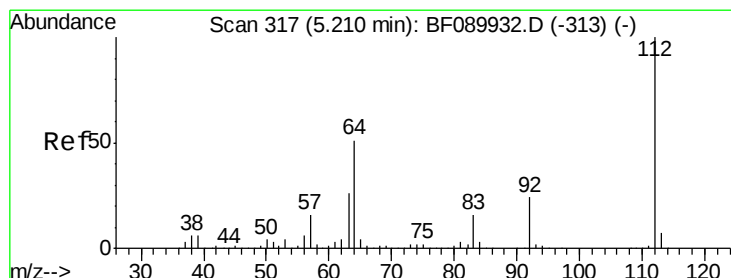
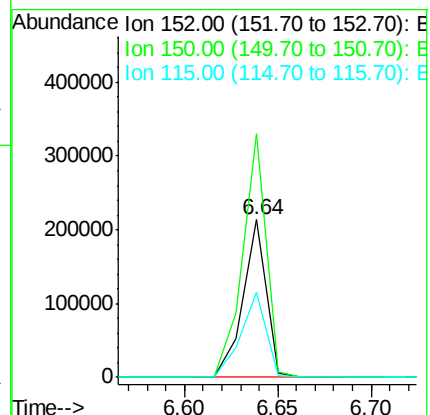
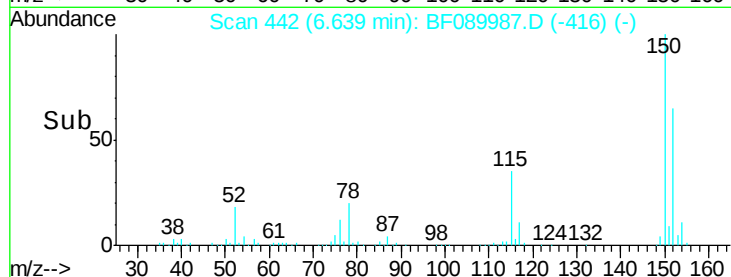
115 54.0 46.3 69.5



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: 119.98 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089987.D

Acq: 2 Sep 2016 20:57

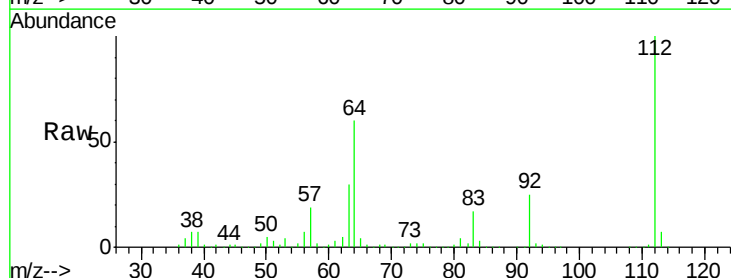
Tgt Ion:112 Resp: 1395001

Ion Ratio Lower Upper

112 100

64 59.7 41.1 61.7

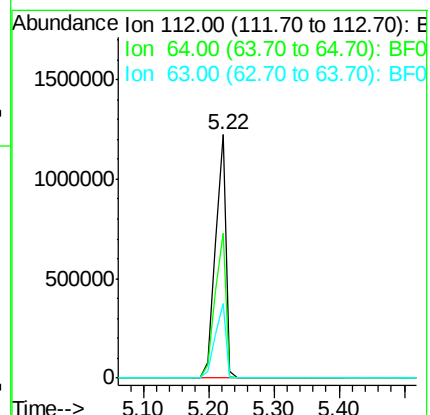
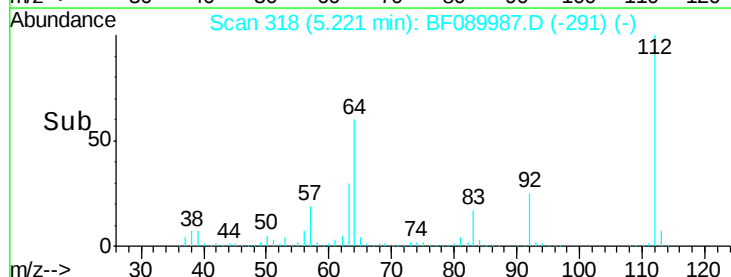
63 30.4 21.2 31.8



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: 119.11 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089987.D

Acq: 2 Sep 2016 20:57

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-4

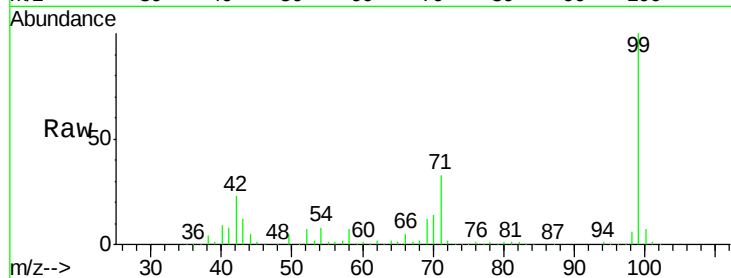
Tgt Ion: 99 Resp: 1682757

Ion Ratio Lower Upper

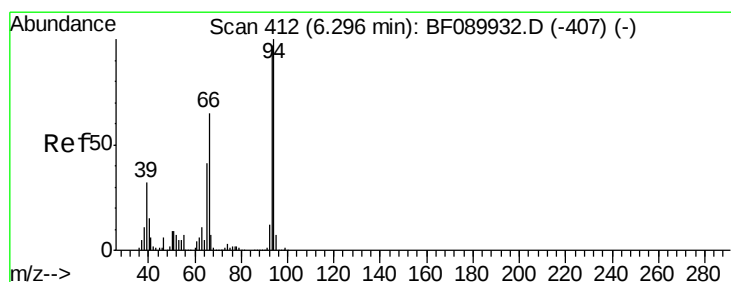
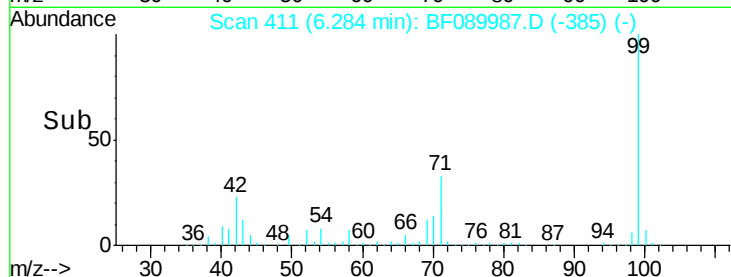
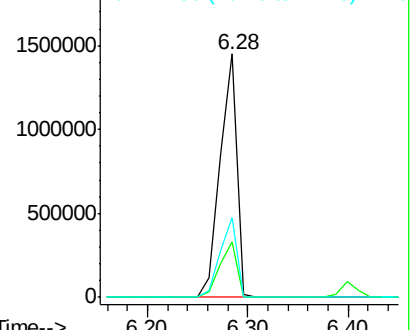
99 100

42 22.7 18.6 27.8

71 32.7 25.8 38.6



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: 3.34 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089987.D

Acq: 2 Sep 2016 20:57

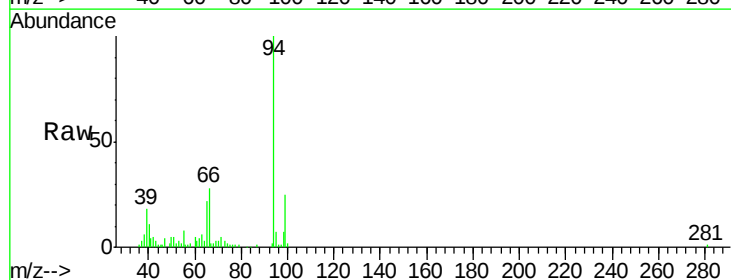
Tgt Ion: 94 Resp: 54846

Ion Ratio Lower Upper

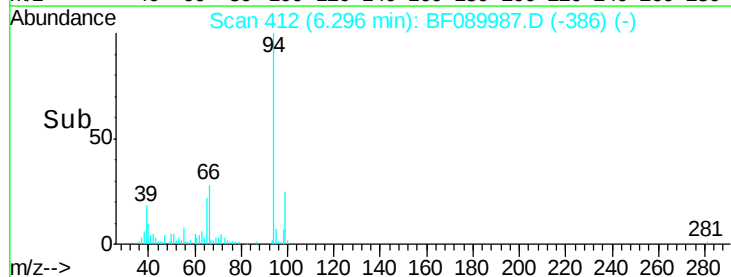
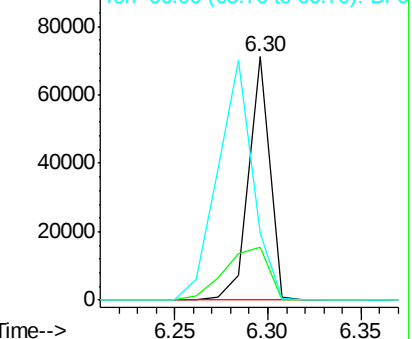
94 100

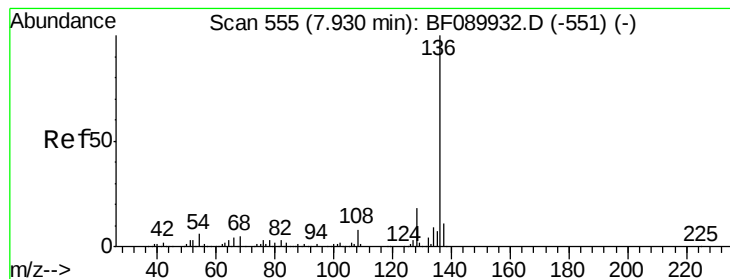
65 21.5 23.2 63.2#

66 27.7 49.2 89.2#



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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089987.D

Acq: 2 Sep 2016 20:57

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-4

Tgt Ion:136 Resp: 690249

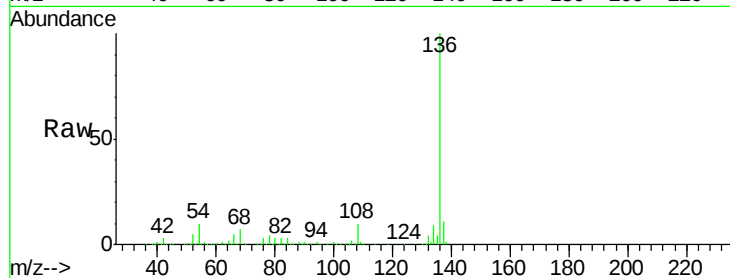
Ion Ratio Lower Upper

136 100

137 11.2 8.3 12.5

54 10.4 4.8 7.2#

68 6.7 3.7 5.5#

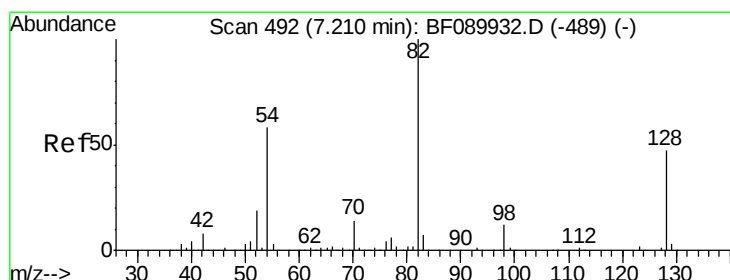
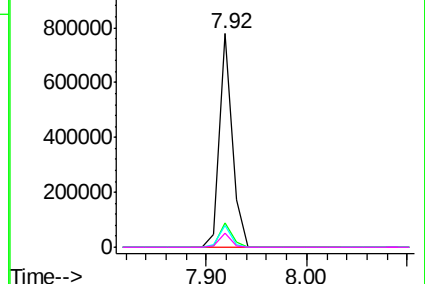
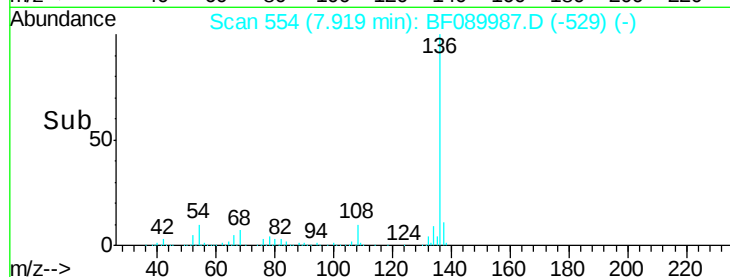


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.64 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089987.D

Acq: 2 Sep 2016 20:57

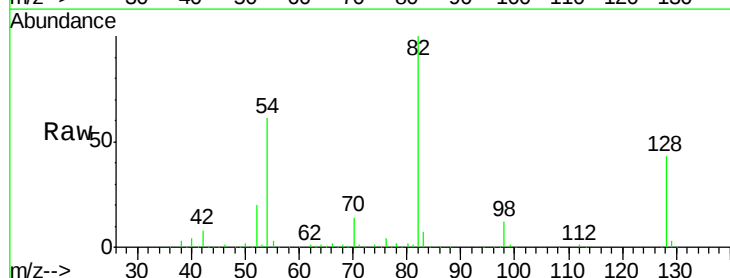
Tgt Ion: 82 Resp: 1031114

Ion Ratio Lower Upper

82 100

128 43.0 37.8 56.8

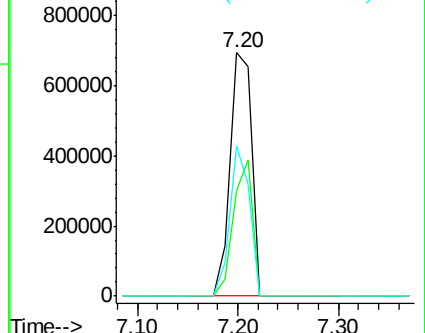
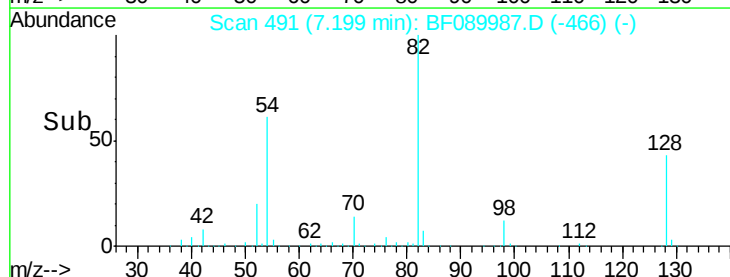
54 61.4 46.9 70.3

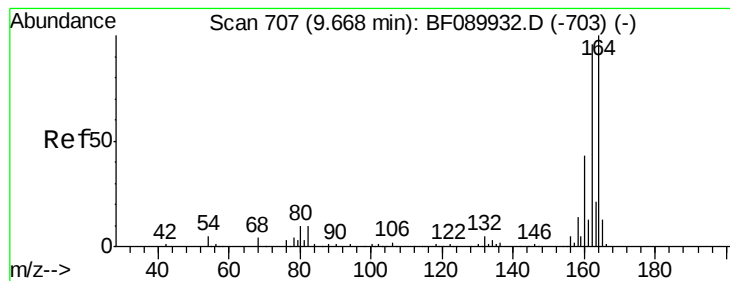


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089987.D

Acq: 2 Sep 2016 20:57

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-4

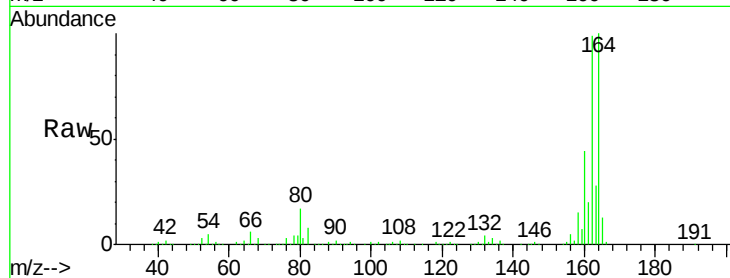
Tgt Ion:164 Resp: 349209

Ion Ratio Lower Upper

164 100

162 98.5 77.1 115.7

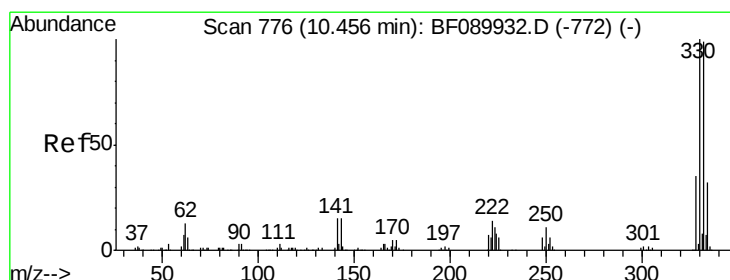
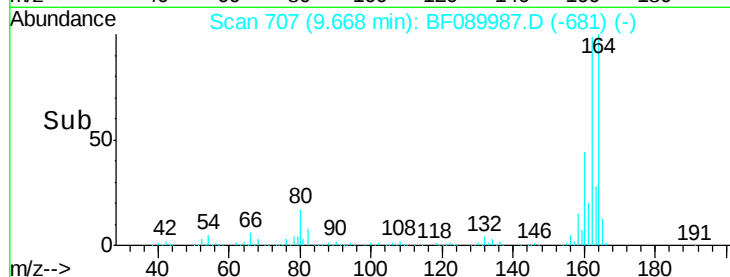
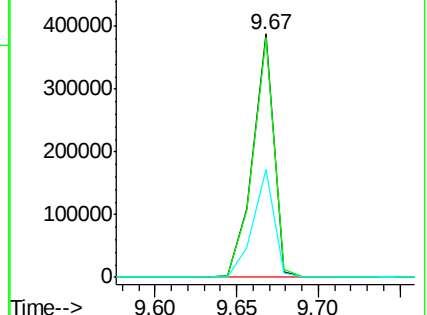
160 44.3 35.3 52.9



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: 103.40 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF089987.D

Acq: 2 Sep 2016 20:57

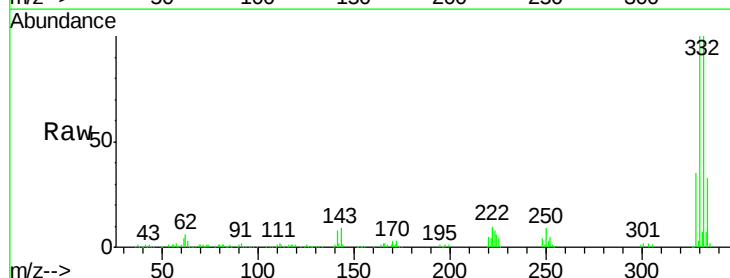
Tgt Ion:330 Resp: 356244

Ion Ratio Lower Upper

330 100

332 98.7 78.6 117.8

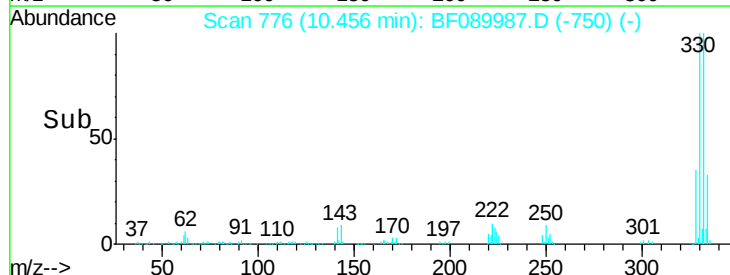
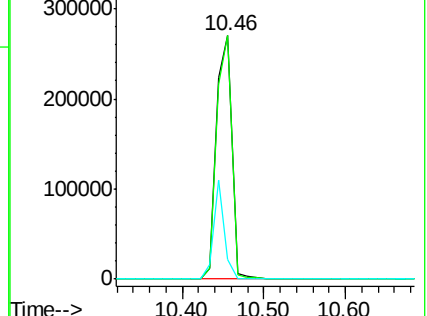
141 29.3 23.3 34.9

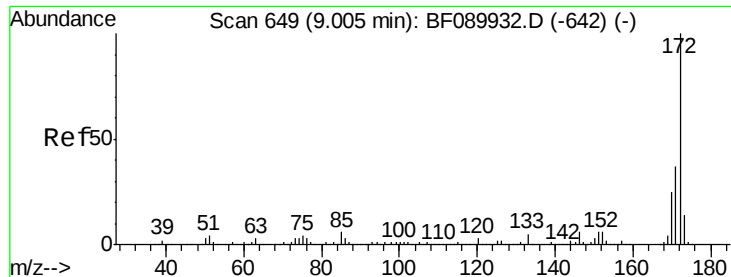


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

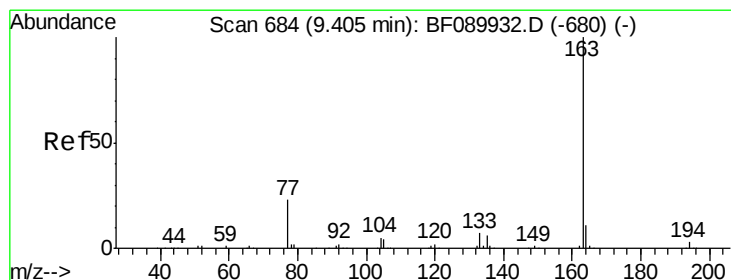
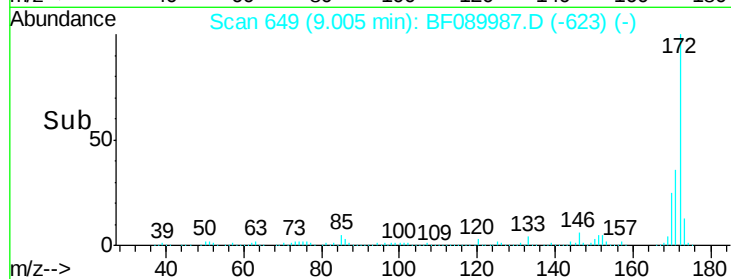
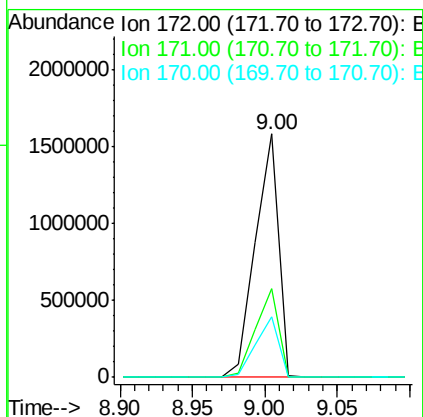
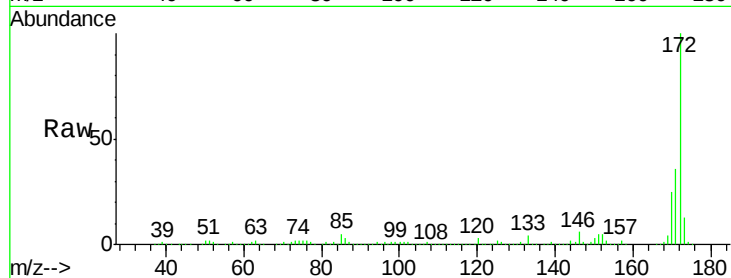




#44
2-Fluorobiphenyl
Concen: 82.57 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089987.D
Acq: 2 Sep 2016 20:57

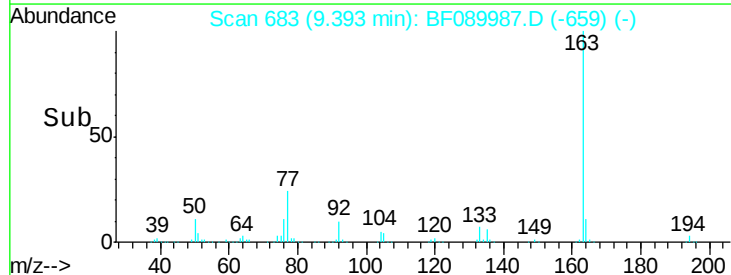
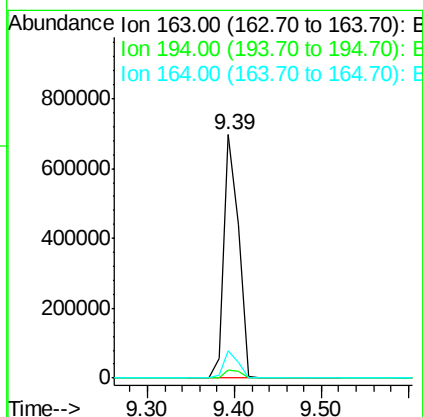
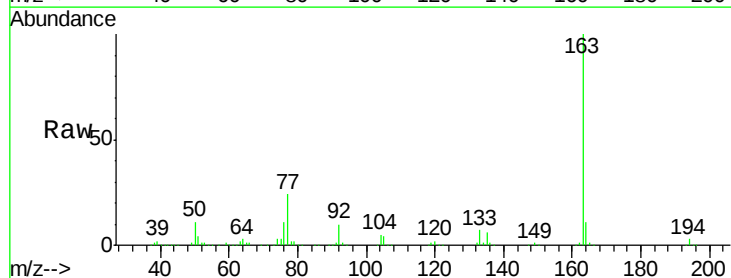
Instrument :
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TEMP-AB(0-2)-4

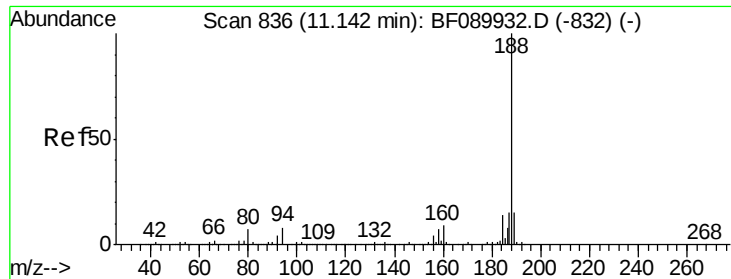
Tgt Ion:172 Resp: 1756552
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.2
170 24.8 20.1 30.1



#49
Dimethylphthalate
Concen: 32.75 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089987.D
Acq: 2 Sep 2016 20:57

Tgt Ion:163 Resp: 826597
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 11.3 9.0 13.4

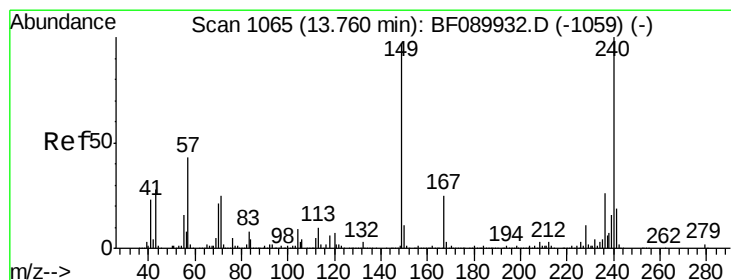
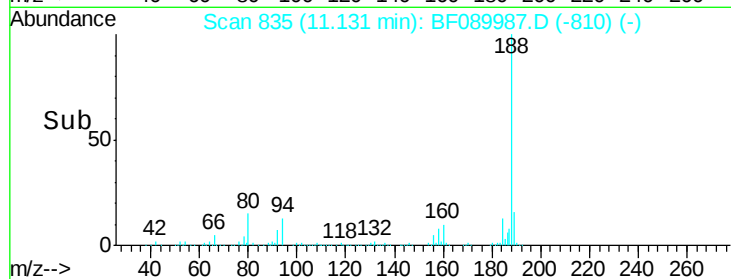
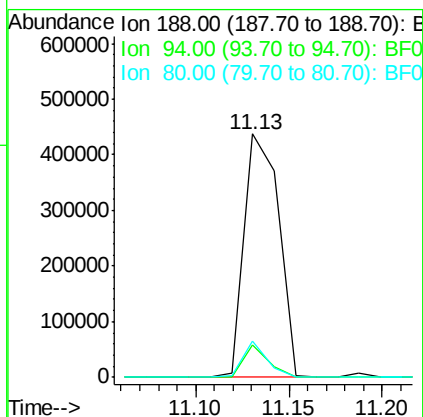
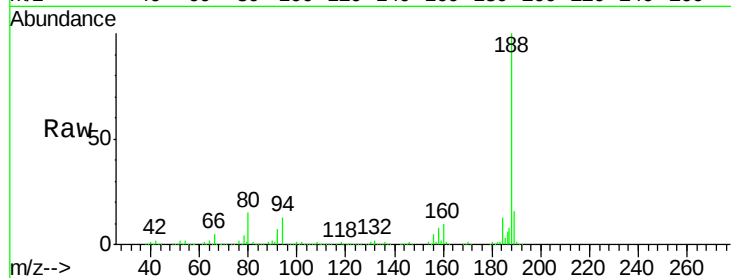




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089987.D
Acq: 2 Sep 2016 20:57

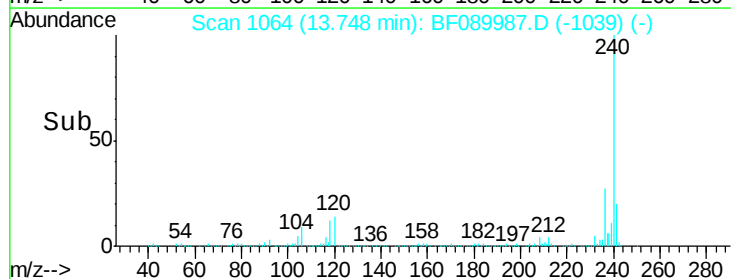
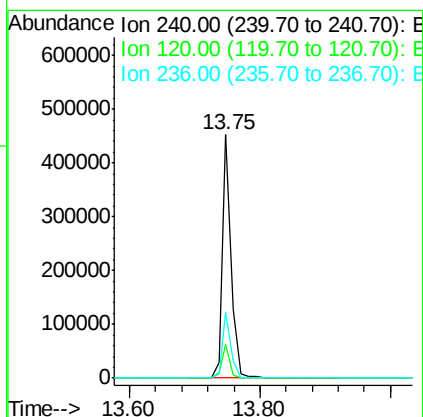
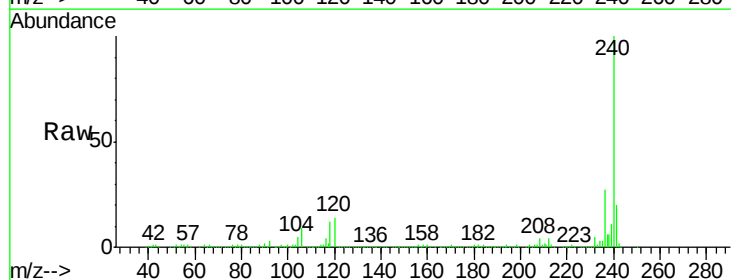
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-4

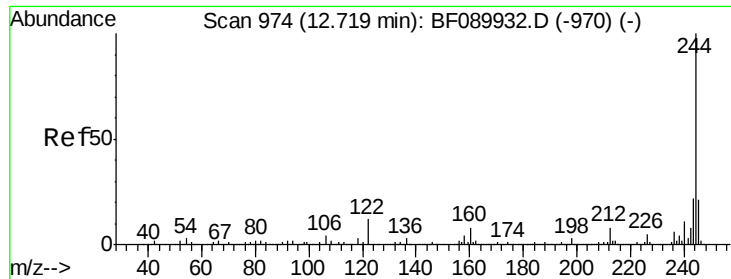
Tgt Ion:188 Resp: 564173
Ion Ratio Lower Upper
188 100
94 13.4 5.9 8.9#
80 14.7 5.8 8.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089987.D
Acq: 2 Sep 2016 20:57

Tgt Ion:240 Resp: 433274
Ion Ratio Lower Upper
240 100
120 14.0 5.7 8.5#
236 27.2 21.3 31.9

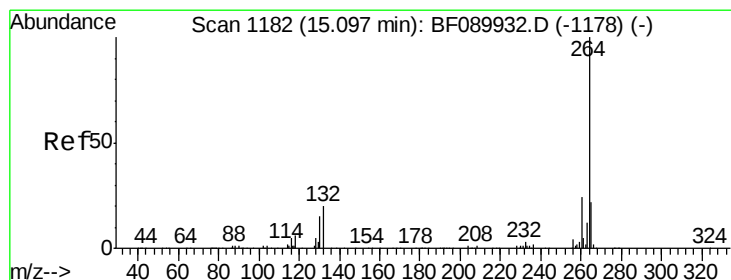
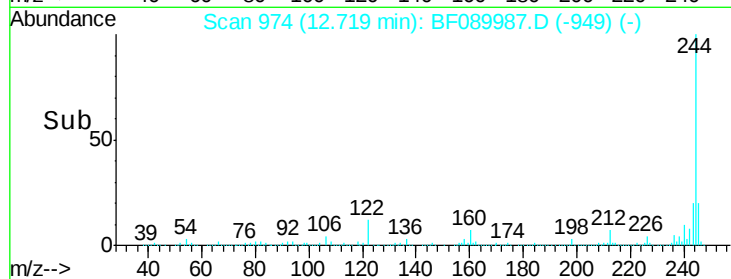
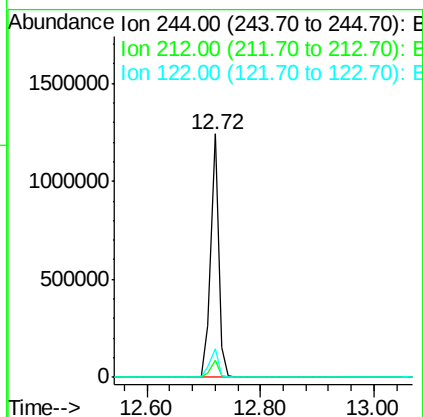
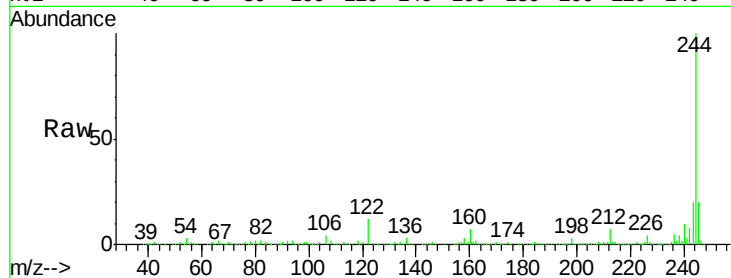




#78
 Terphenyl-d14
 Concen: 65.99 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF089987.D
 Acq: 2 Sep 2016 20:57

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-4

Tgt Ion:244 Resp: 1157360
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.9 9.6 14.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089987.D
 Acq: 2 Sep 2016 20:57

Tgt Ion:264 Resp: 421935
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.3 17.4 26.2

