

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089370.D
 Acq On : 28 Jul 2016 18:50
 Operator : UM/SJ
 Sample : H4242-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1

Quant Time: Jul 29 12:41:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

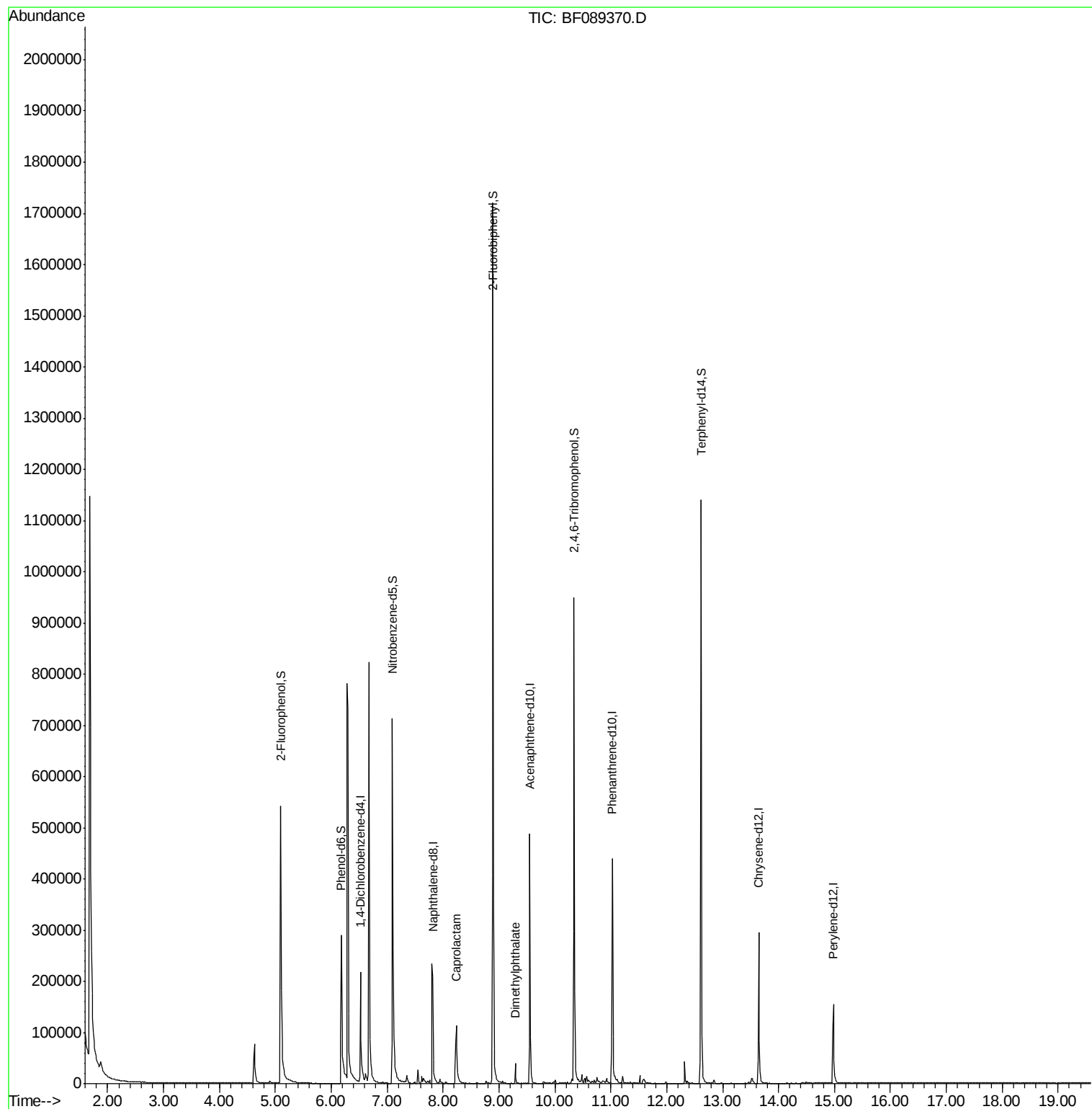
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	47026	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	195131	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	100512	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	186832	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	121385	20.00	ng	-0.02
86) Perylene-d12	14.98	264	88879	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	212478	72.14	ng	-0.01
7) Phenol-d6	6.18	99	179714	46.17	ng	-0.02
23) Nitrobenzene-d5	7.10	82	330384	99.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	106512	127.95	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	616133	89.96	ng	-0.02
78) Terphenyl-d14	12.62	244	518493	99.97	ng	-0.01
Target Compounds						
35) Caprolactam	8.24	113	23752	32.23	ng	Qvalue 97
49) Dimethylphthalate	9.29	163	19343	2.53	ng	97

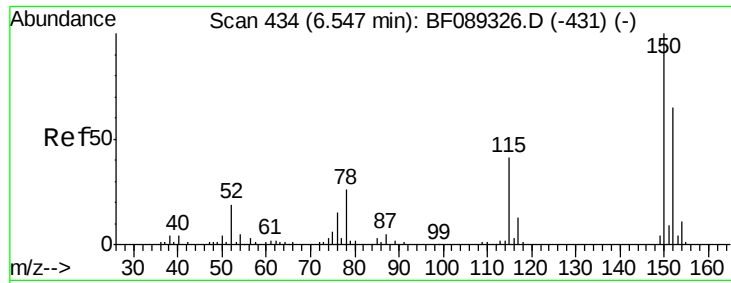
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089370.D
Acq On : 28 Jul 2016 18:50
Operator : UM/SJ
Sample : H4242-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-1

Quant Time: Jul 29 12:41:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089370.D

Acq: 28 Jul 2016 18:50

Instrument :

BNA_F

ClientSampled :

UST-1

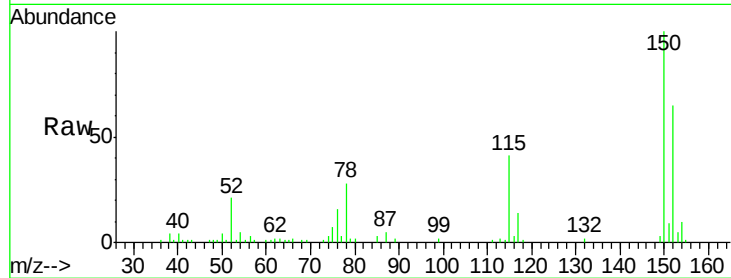
Tgt Ion:152 Resp: 47026

Ion Ratio Lower Upper

152 100

150 154.2 129.5 194.3

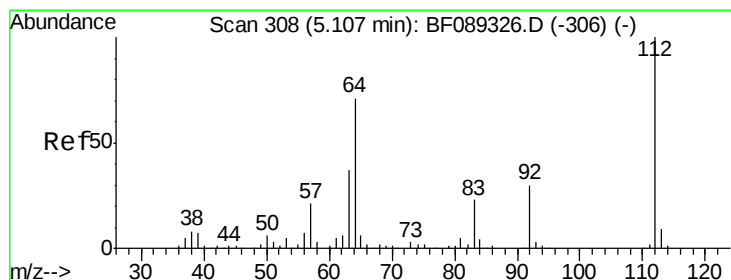
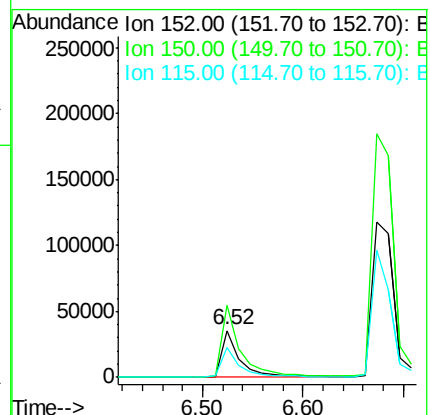
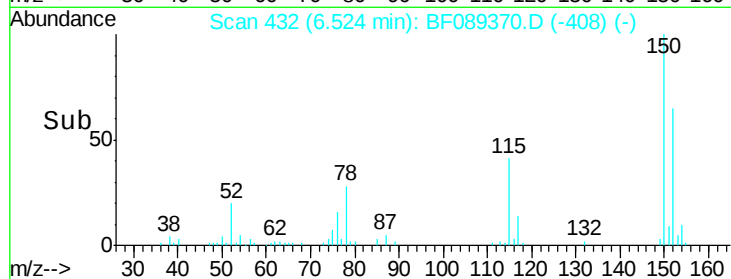
115 63.4 51.4 77.2



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: 72.14 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089370.D

Acq: 28 Jul 2016 18:50

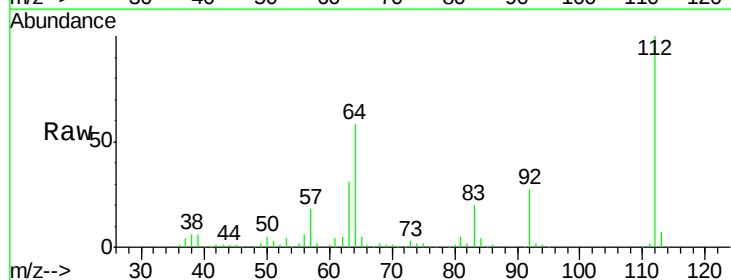
Tgt Ion:112 Resp: 212478

Ion Ratio Lower Upper

112 100

64 58.4 55.0 82.6

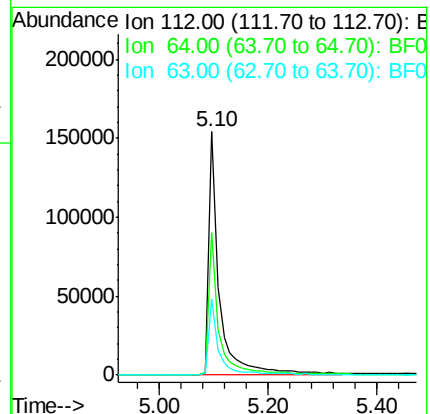
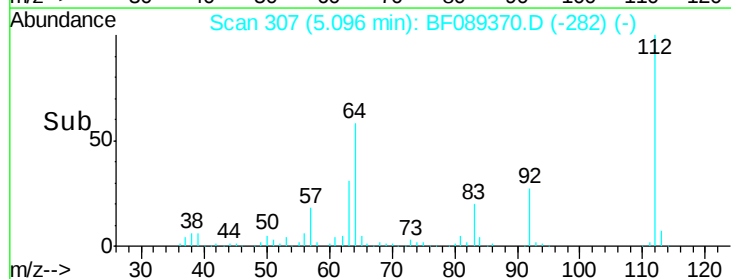
63 31.1 29.4 44.2



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: 46.17 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089370.D

Acq: 28 Jul 2016 18:50

Instrument :

BNA_F

ClientSampleId :

UST-1

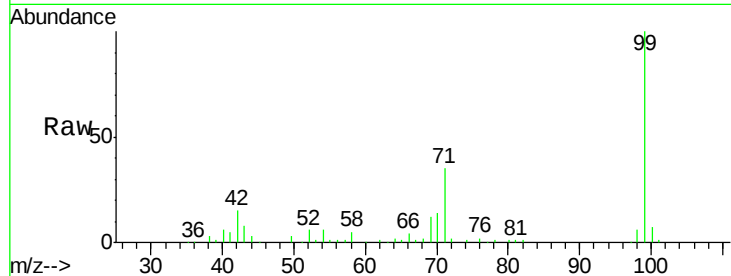
Tgt Ion: 99 Resp: 179714

Ion Ratio Lower Upper

99 100

42 15.3 13.6 20.4

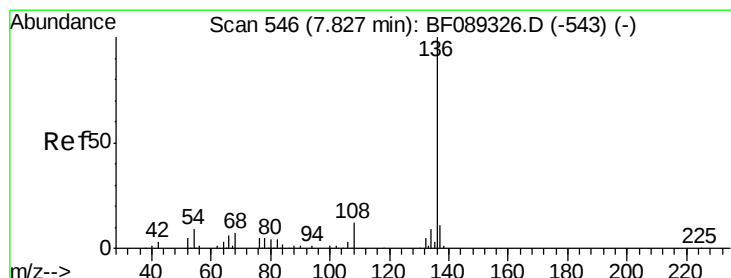
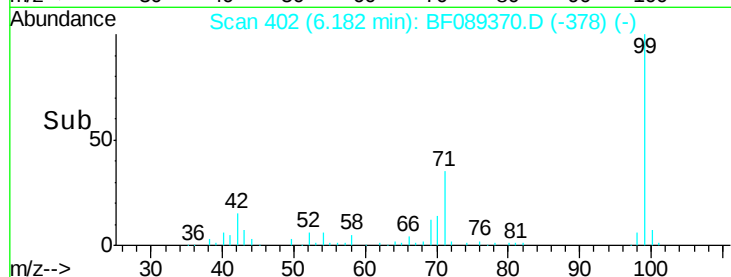
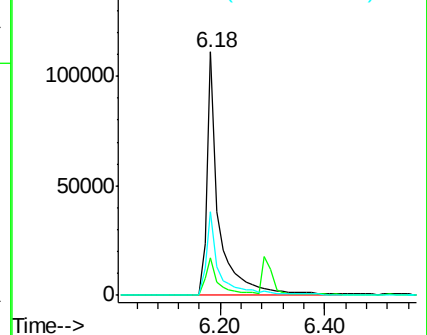
71 34.6 29.4 44.2



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: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089370.D

Acq: 28 Jul 2016 18:50

Tgt Ion: 136 Resp: 195131

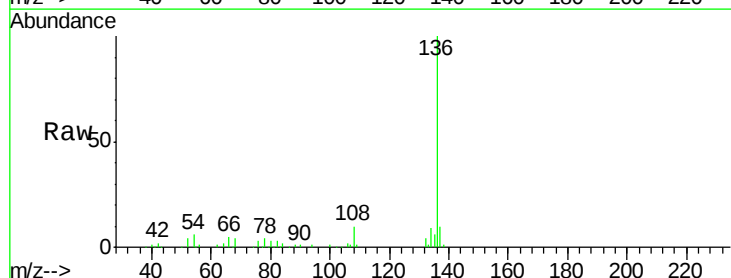
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 5.7 7.0 10.4#

68 4.3 4.9 7.3#

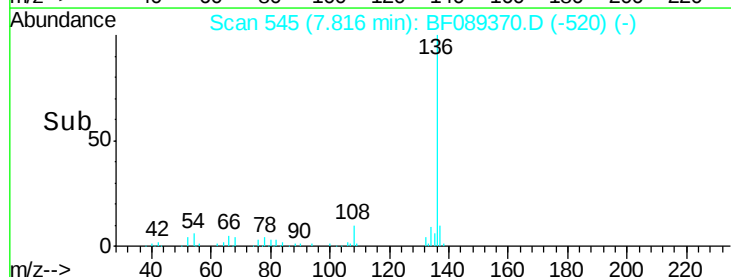
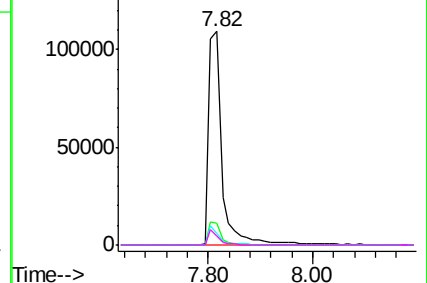


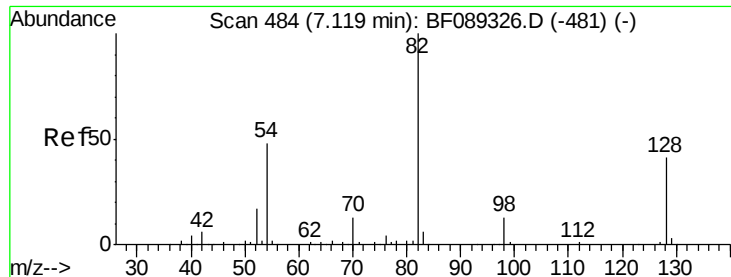
Abundance Ion 136.00 (135.70 to 136.70): E

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

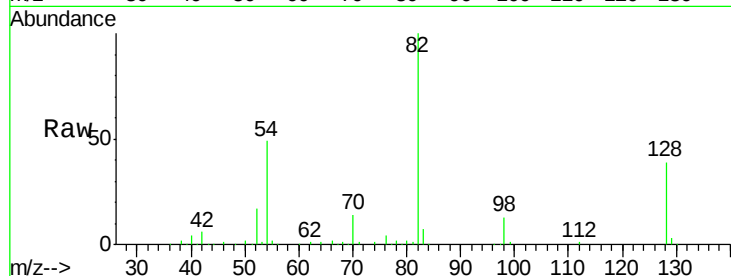




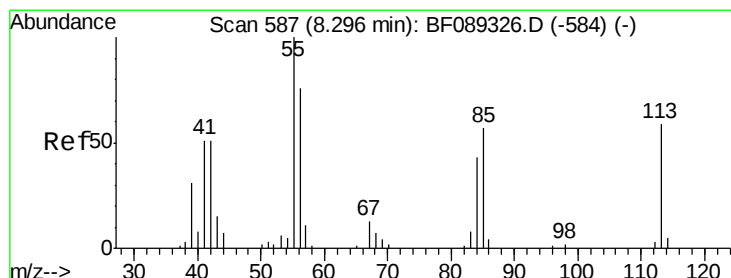
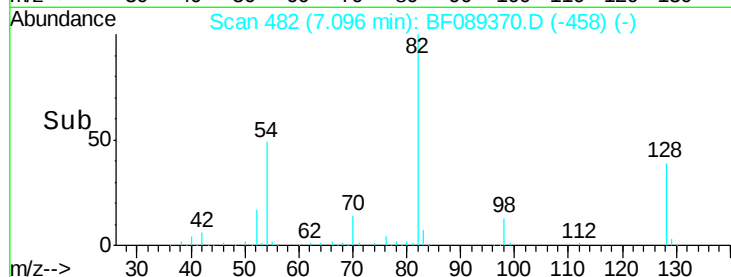
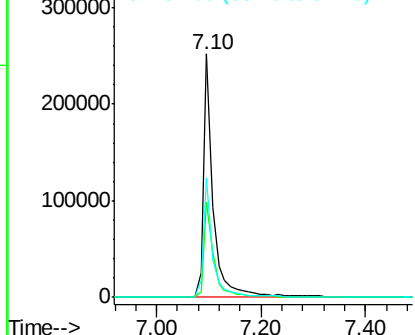
#23
Nitrobenzene-d5
Concen: 99.94 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion: 82 Resp: 330384
Ion Ratio Lower Upper
82 100
128 39.2 32.5 48.7
54 48.9 38.8 58.2

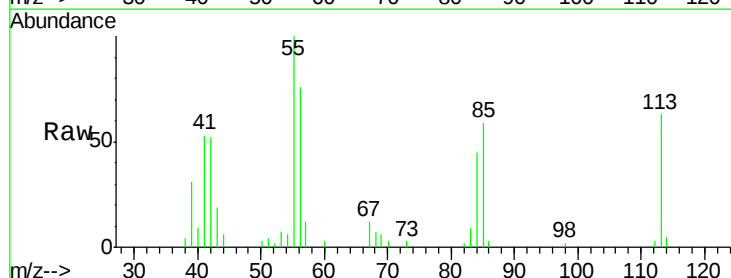


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

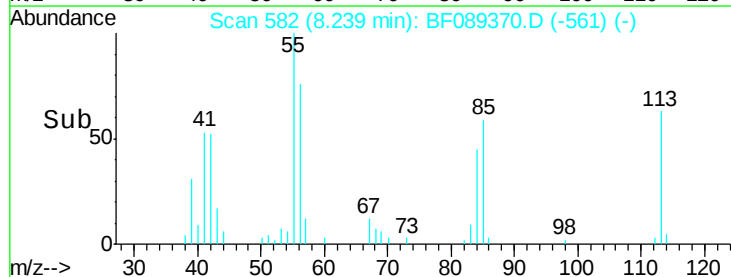
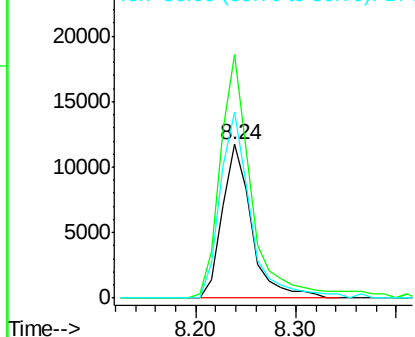


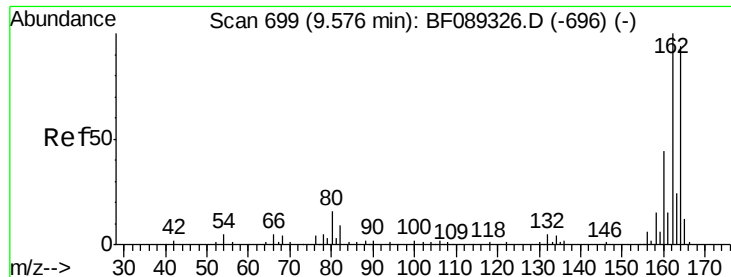
#35
Caprolactam
Concen: 32.23 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion: 113 Resp: 23752
Ion Ratio Lower Upper
113 100
55 158.7 142.3 182.3
56 121.2 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): BF0
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

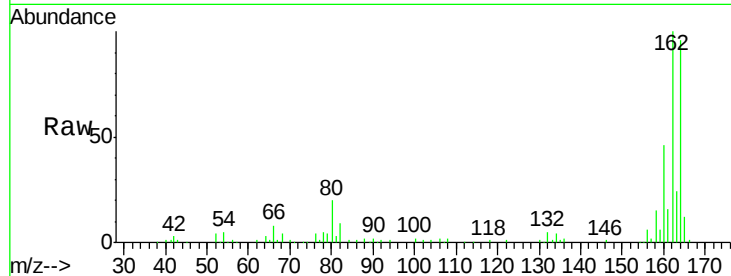




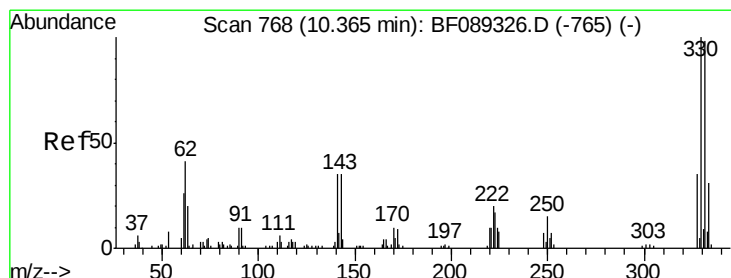
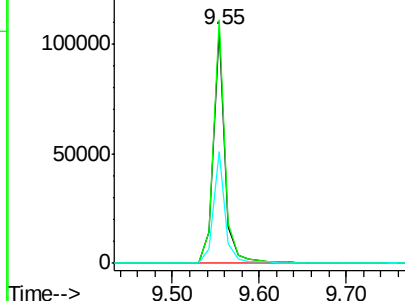
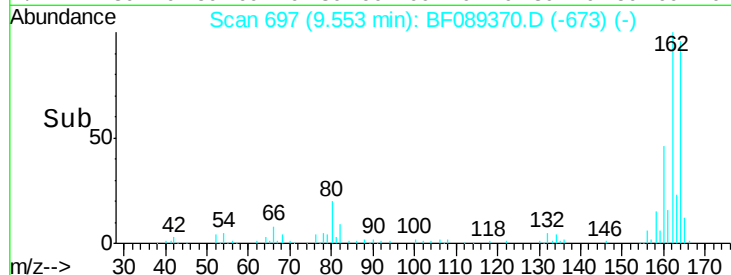
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:164 Resp: 100512
Ion Ratio Lower Upper
164 100
162 104.3 83.7 125.5
160 48.0 37.8 56.6

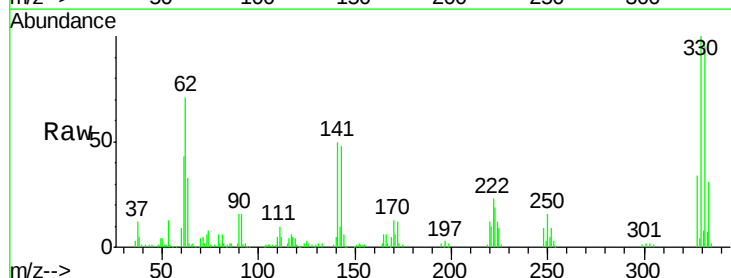


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

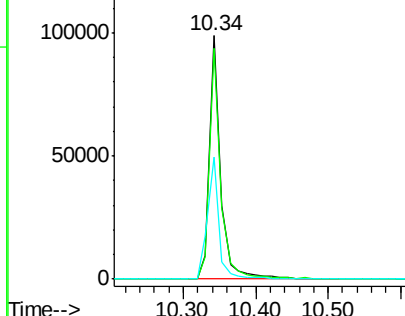
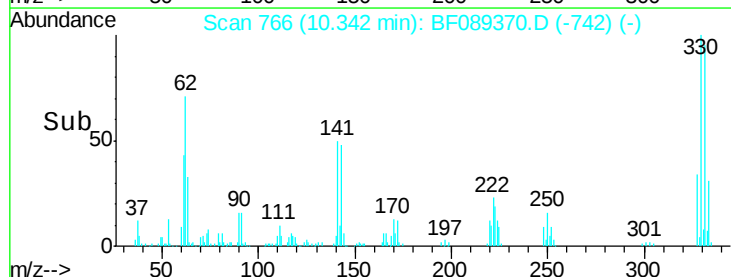


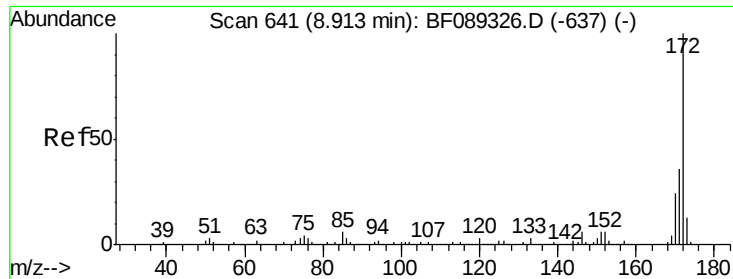
#41
2,4,6-Tribromophenol
Concen: 127.95 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion:330 Resp: 106512
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 52.1 37.3 55.9



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

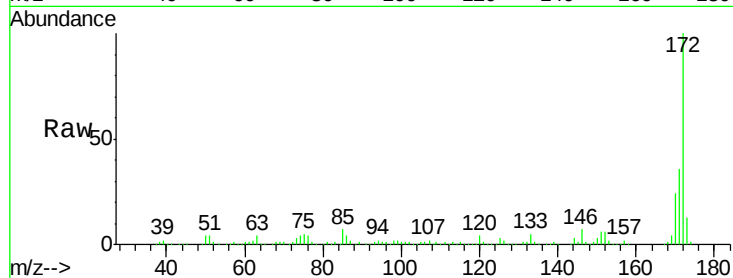




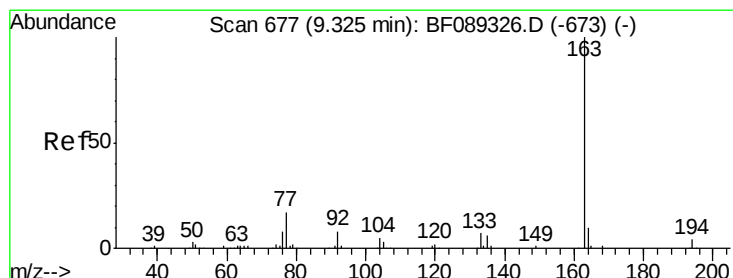
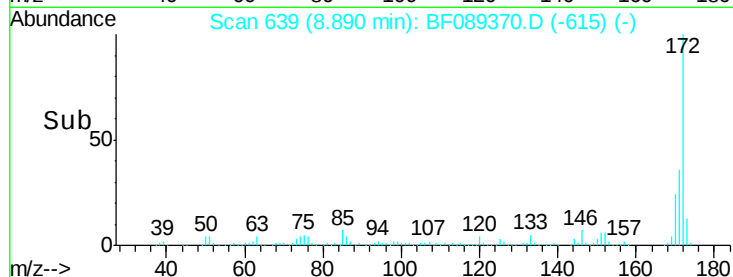
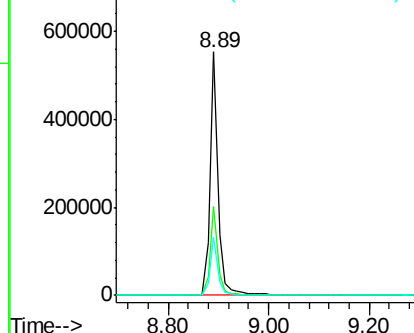
#44
 2-Fluorobiphenyl
 Concen: 89.96 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089370.D
 Acq: 28 Jul 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-1

Tgt Ion:172 Resp: 616133
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.8 19.2 28.8

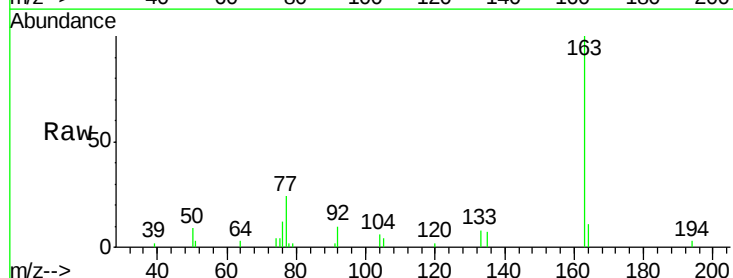


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

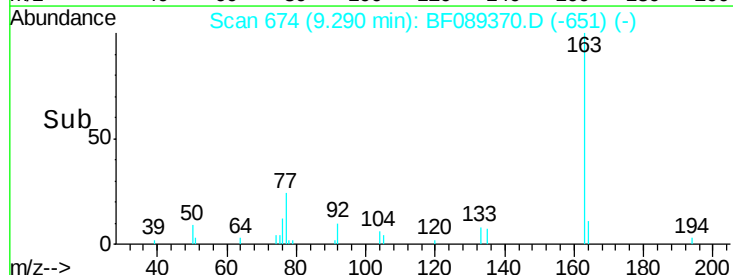
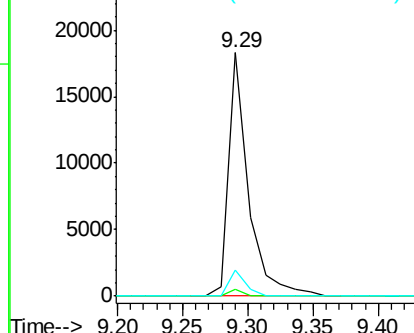


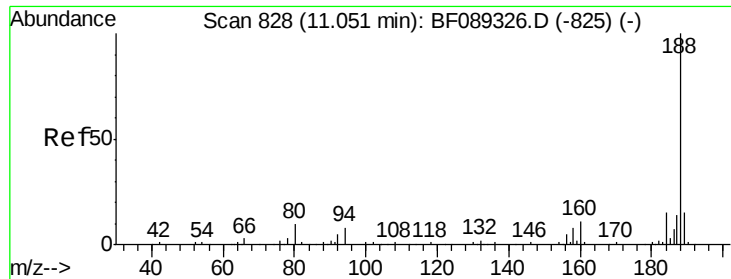
#49
 Dimethylphthalate
 Concen: 2.53 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF089370.D
 Acq: 28 Jul 2016 18:50

Tgt Ion:163 Resp: 19343
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 10.9 7.8 11.8



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

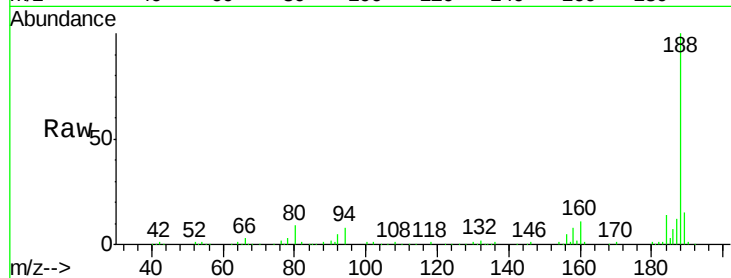




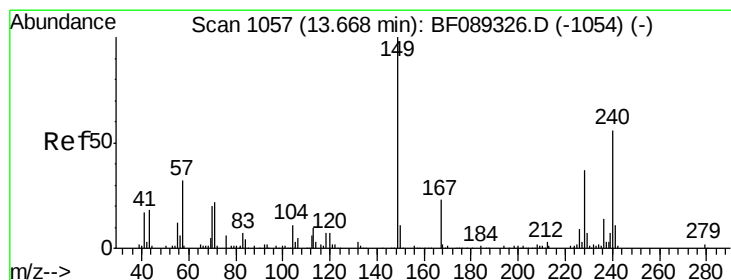
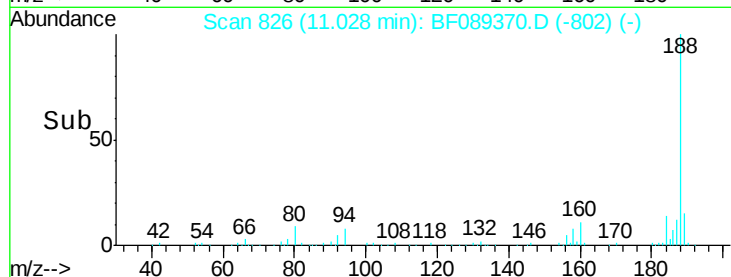
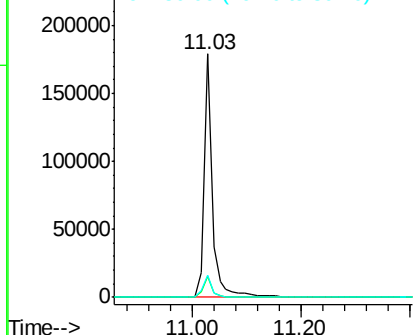
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Instrument :
BNA_F
ClientSampleId :
UST-1

Tgt Ion:188 Resp: 186832
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.3 7.2 10.8

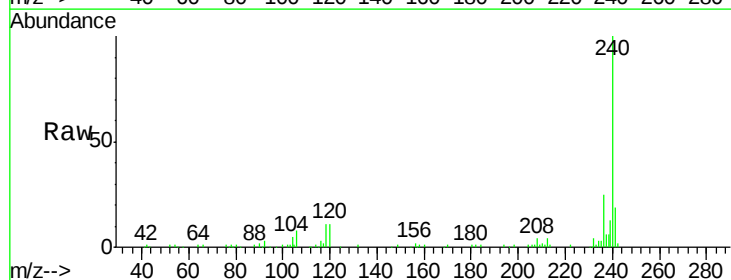


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

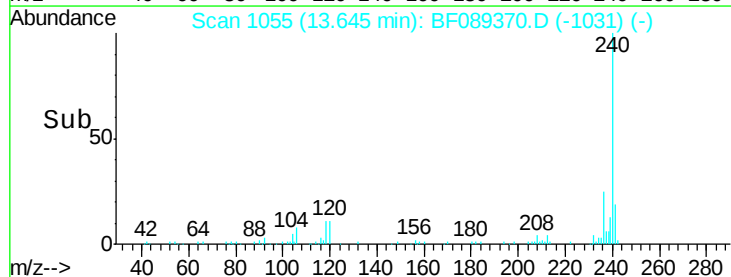
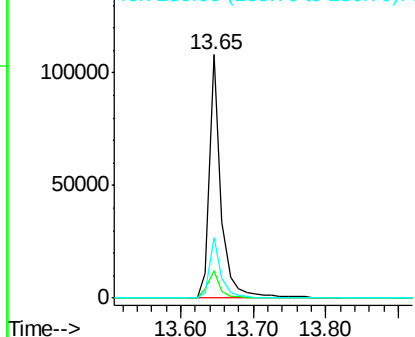


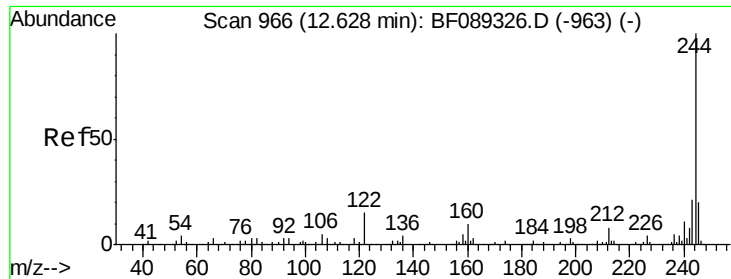
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089370.D
Acq: 28 Jul 2016 18:50

Tgt Ion:240 Resp: 121385
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 25.0 20.6 30.8



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

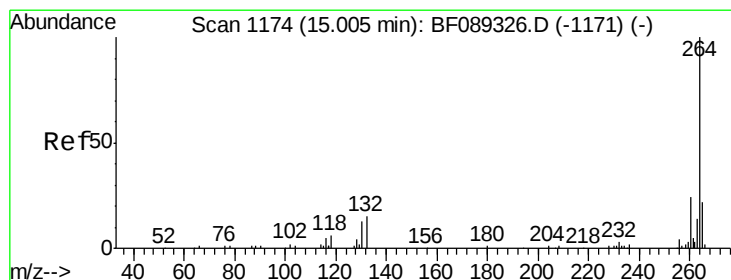
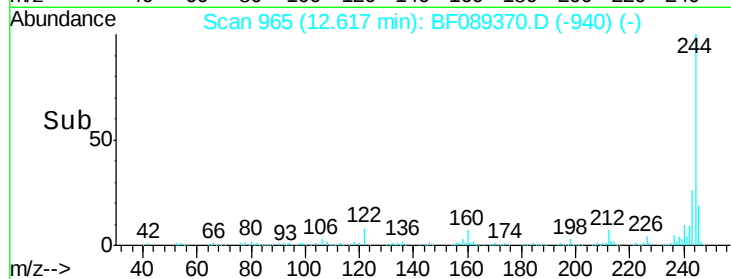
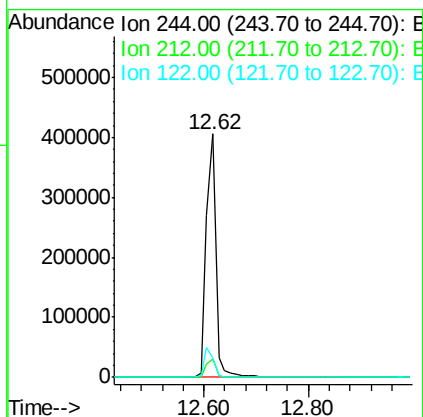
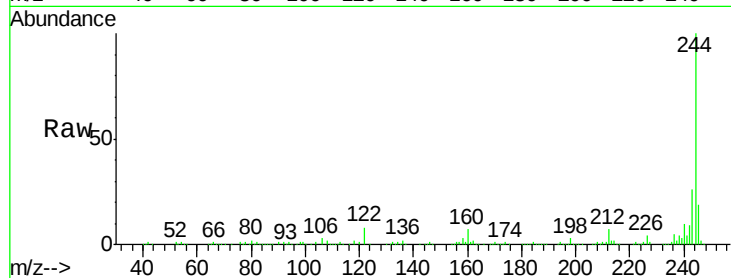




#78
 Terphenyl-d14
 Concen: 99.97 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF089370.D
 Acq: 28 Jul 2016 18:50

Instrument :
 BNA_F
 ClientSampled :
 UST-1

Tgt Ion:244 Resp: 518493
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.2 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089370.D
 Acq: 28 Jul 2016 18:50

Tgt Ion:264 Resp: 88879
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.3 17.5 26.3

