

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090934.D
 Acq On : 31 Oct 2016 18:00
 Operator : UM/SJ
 Sample : H5463-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(5-6)

Quant Time: Nov 01 13:17:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

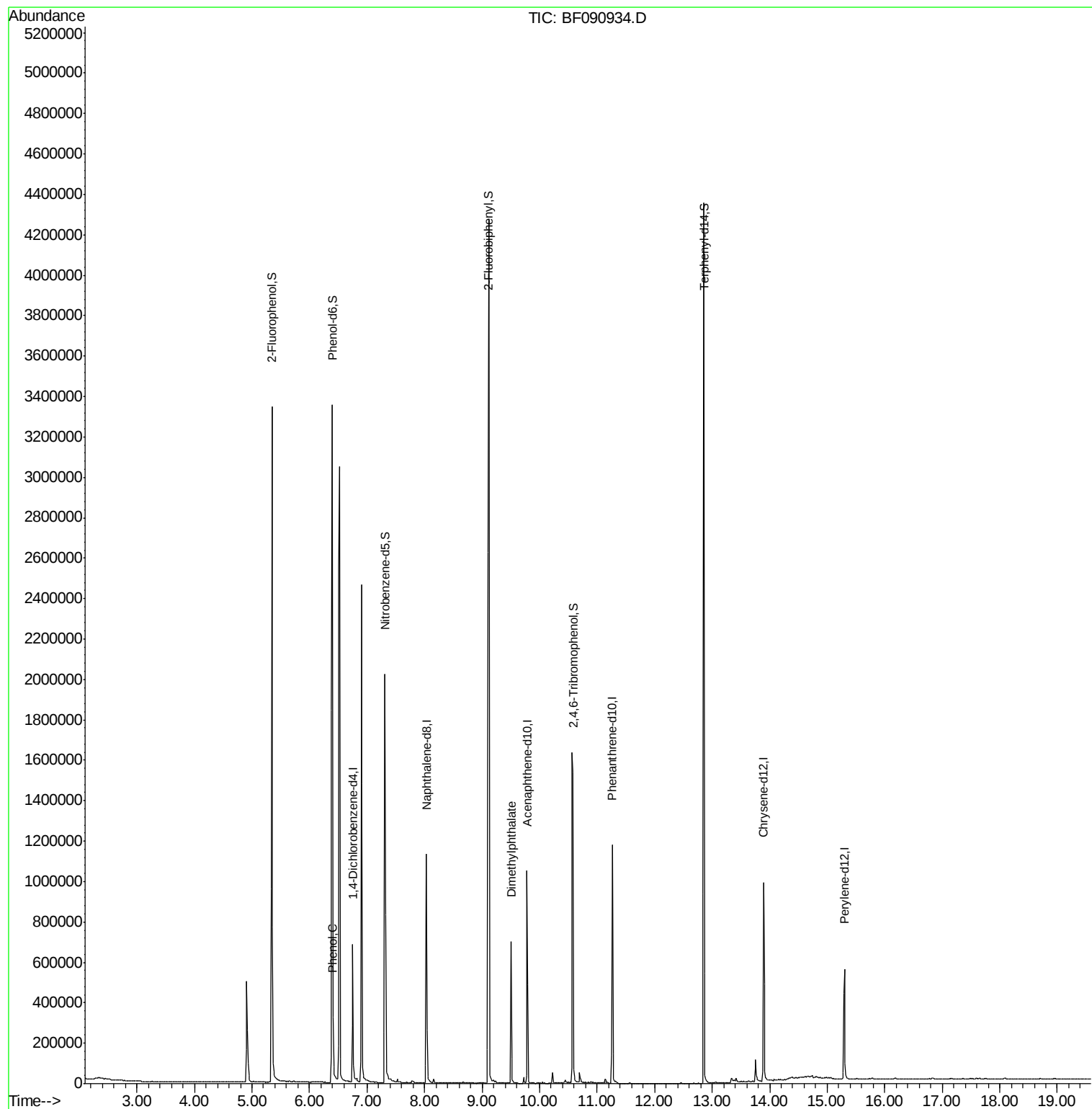
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	135457	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	564976	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	272066	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	467573	20.00	ng	0.00
75) Chrysene-d12	13.89	240	403760	20.00	ng	-0.01
86) Perylene-d12	15.30	264	308336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1108651	143.10	ng	0.01
7) Phenol-d6	6.40	99	1521862	145.60	ng	0.00
23) Nitrobenzene-d5	7.31	82	863786	100.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	413405	147.86	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1725667	111.38	ng	0.00
78) Terphenyl-d14	12.85	244	1497547	93.44	ng	0.00
Target Compounds						
10) Phenol	6.41	94	56518	4.91	ng	Qvalue 82
49) Dimethylphthalate	9.50	163	273522	15.05	ng	# 97

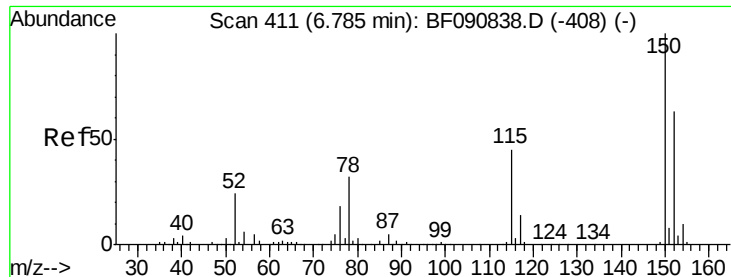
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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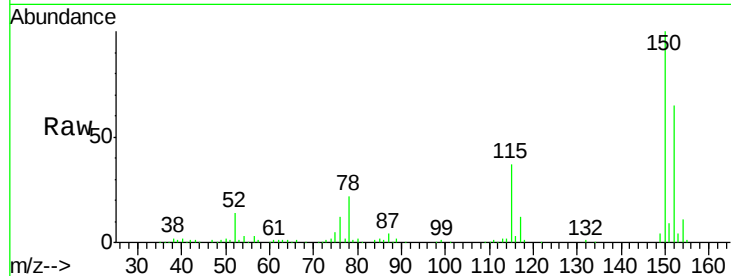


#1

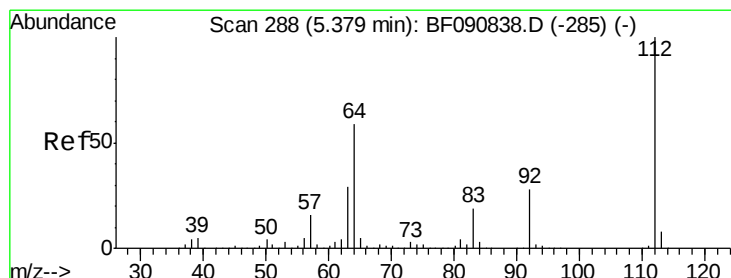
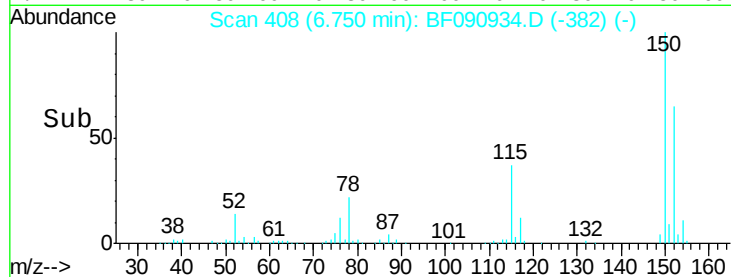
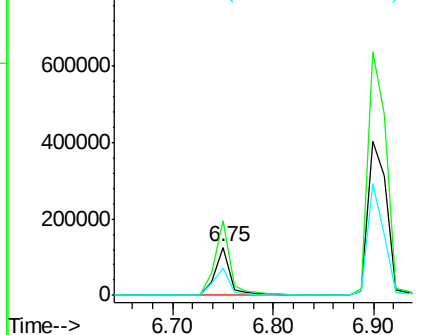
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF090934.D
Acq: 31 Oct 2016 18:00

Instrument :
BNA_F
ClientSampleId :
SB-4(5-6)

Tgt Ion:152 Resp: 135457
Ion Ratio Lower Upper
152 100
150 154.0 124.7 187.1
115 56.7 39.0 58.4



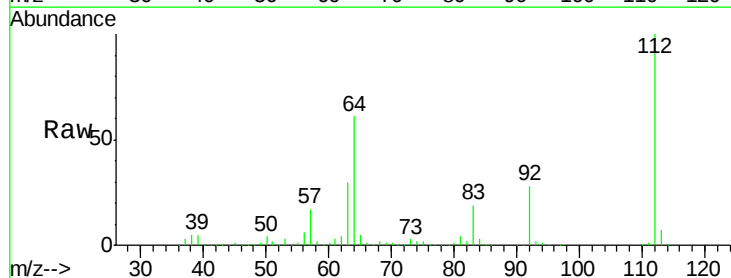
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



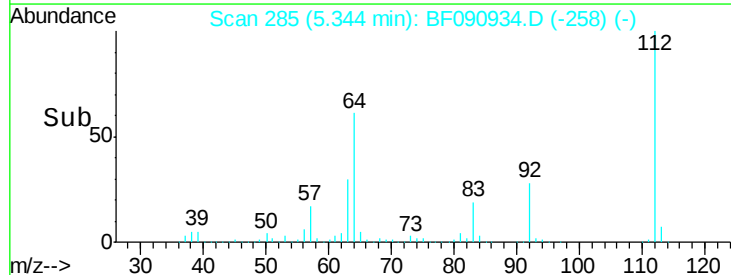
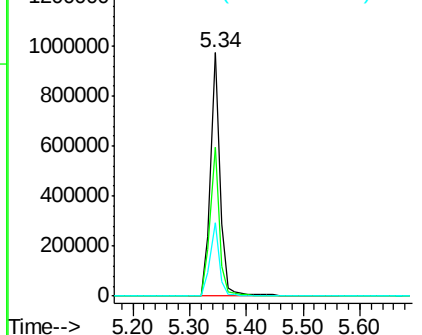
#5

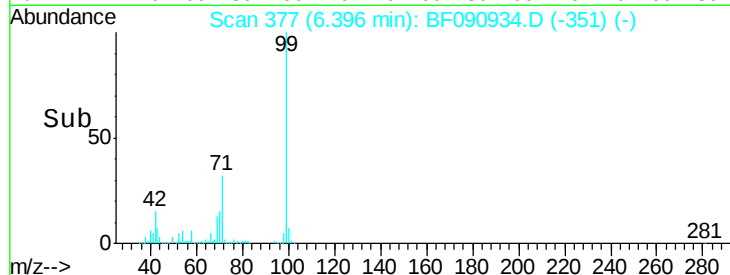
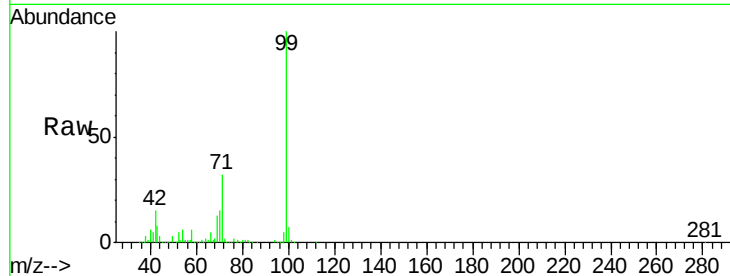
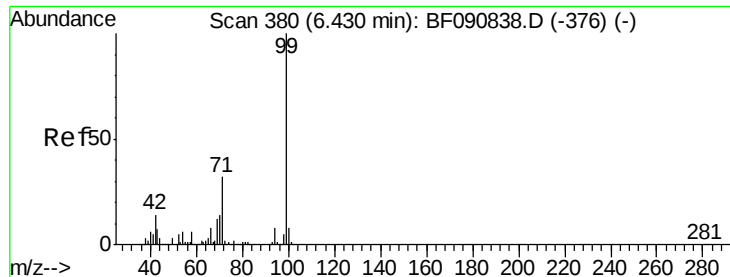
2-Fluorophenol
Concen: 143.10 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF090934.D
Acq: 31 Oct 2016 18:00

Tgt Ion:112 Resp: 1108651
Ion Ratio Lower Upper
112 100
64 61.3 39.7 59.5#
63 30.4 17.4 26.0#



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: 145.60 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-4(5-6)

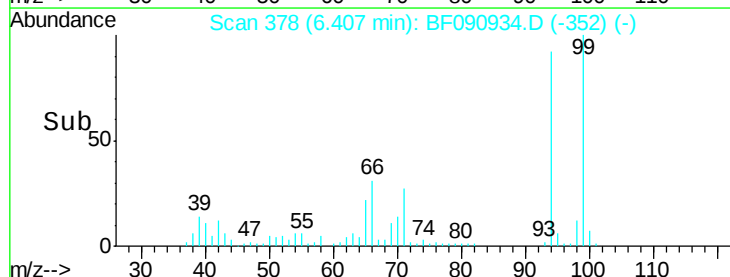
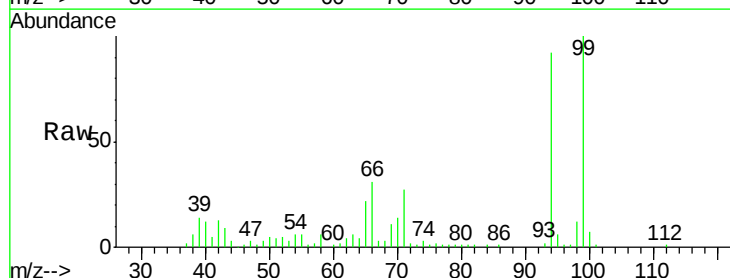
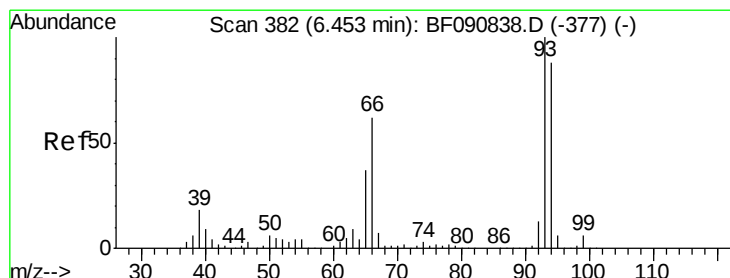
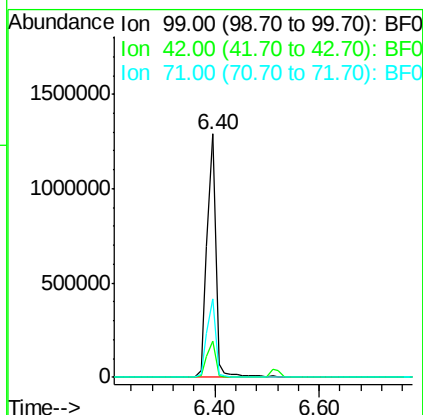
Tgt Ion: 99 Resp: 1521862

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

71 32.4 14.2 21.2#



#10

Phenol

Concen: 4.91 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

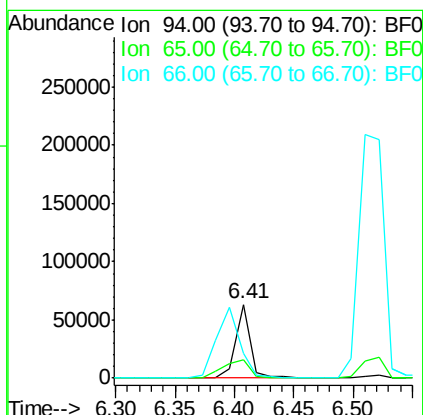
Tgt Ion: 94 Resp: 56518

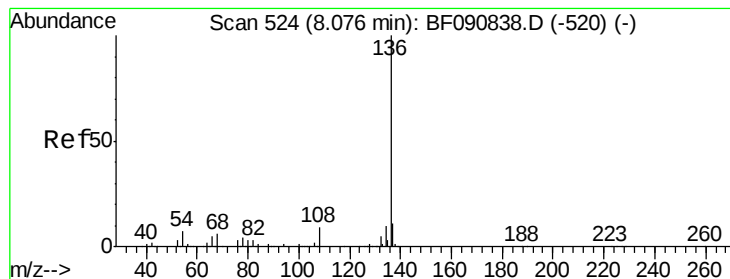
Ion Ratio Lower Upper

94 100

65 24.4 0.7 40.7

66 33.9 0.8 40.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-4(5-6)

Tgt Ion: 136 Resp: 564976

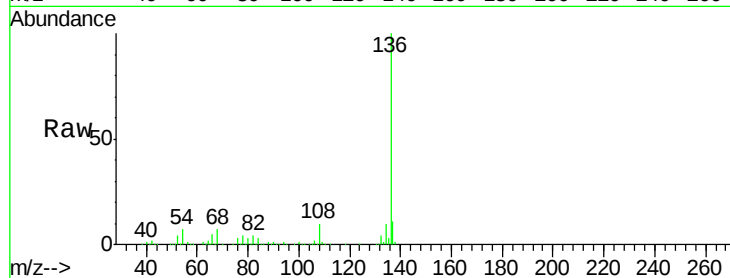
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 7.1 8.2 12.2#

68 6.8 5.8 8.6

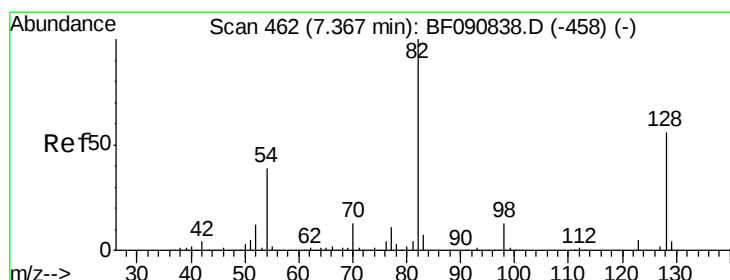
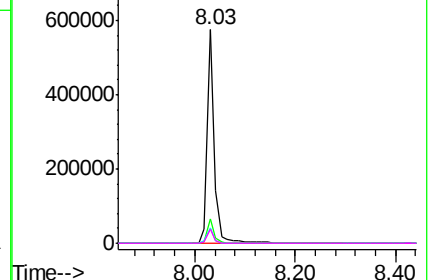
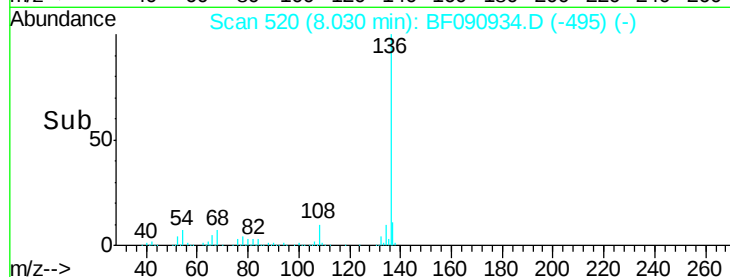


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.09 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

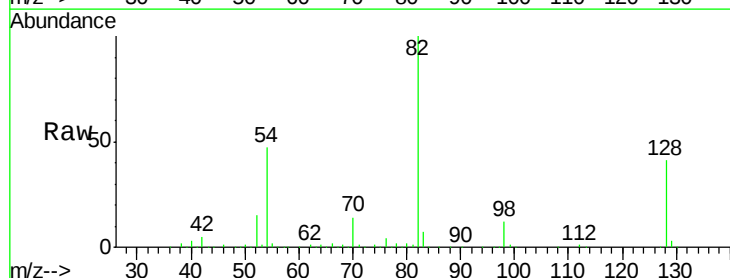
Tgt Ion: 82 Resp: 863786

Ion Ratio Lower Upper

82 100

128 41.1 51.0 76.6#

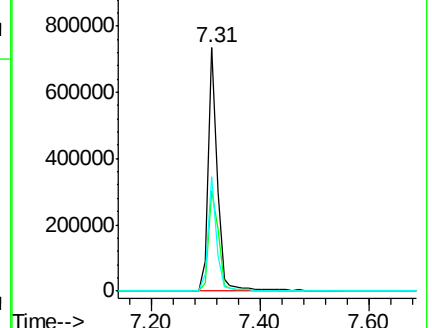
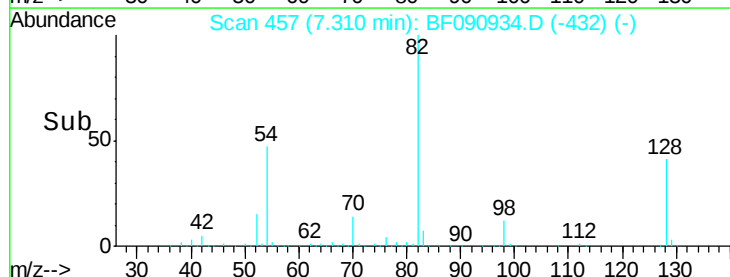
54 47.0 47.5 71.3#

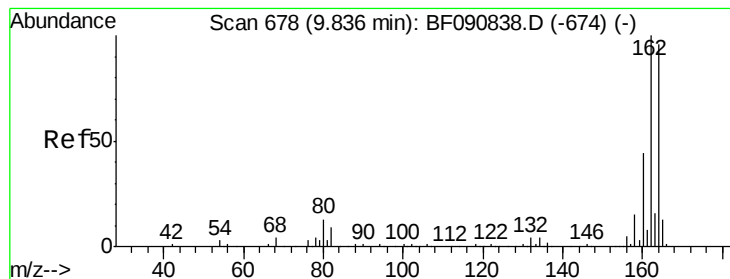


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-4(5-6)

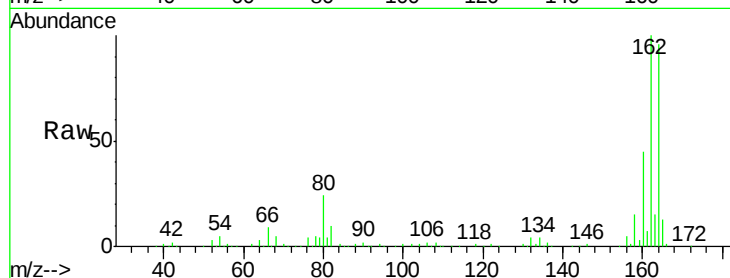
Tgt Ion:164 Resp: 272066

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

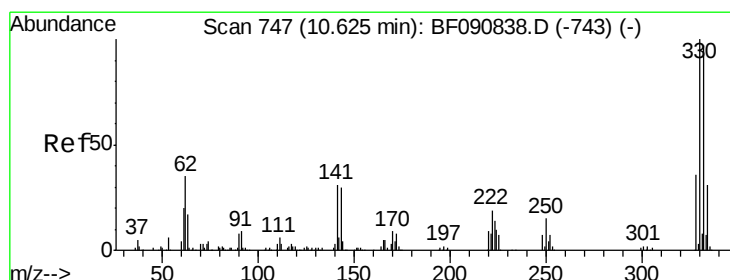
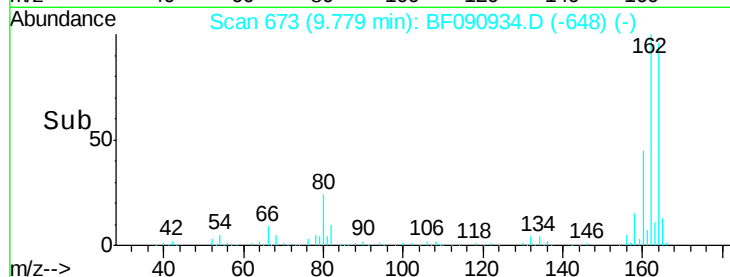
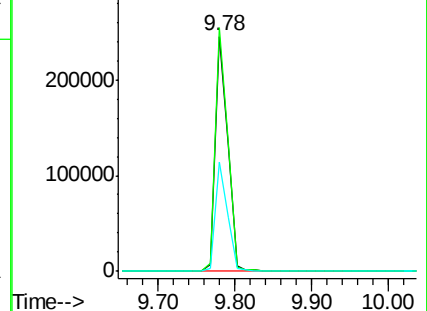
160 46.4 31.5 47.3



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: 147.86 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

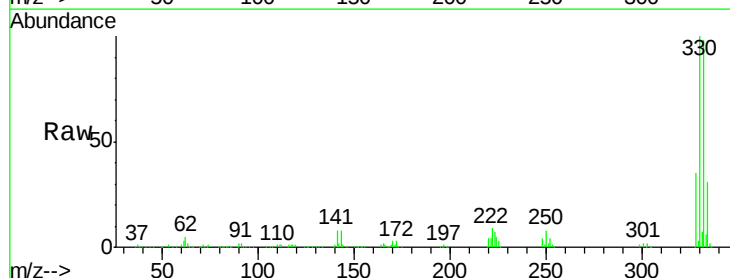
Tgt Ion:330 Resp: 413405

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

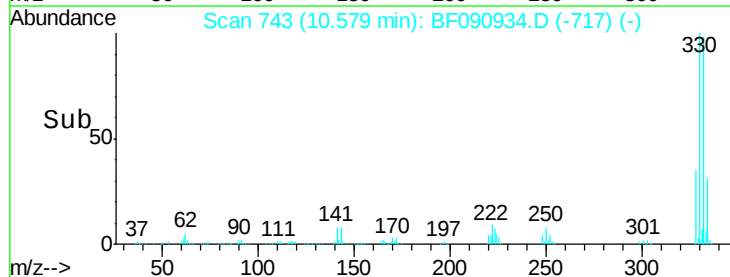
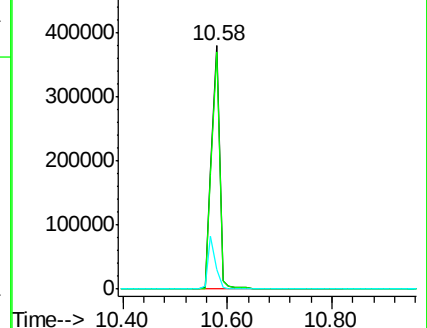
141 20.5 29.7 44.5#

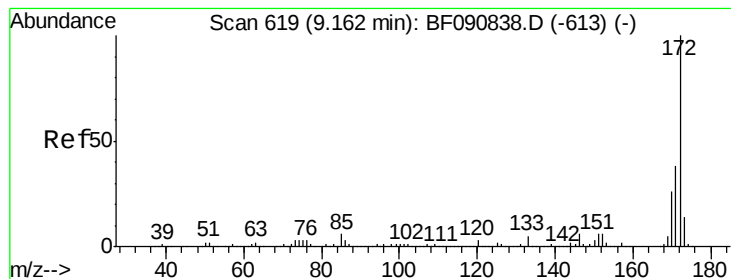


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

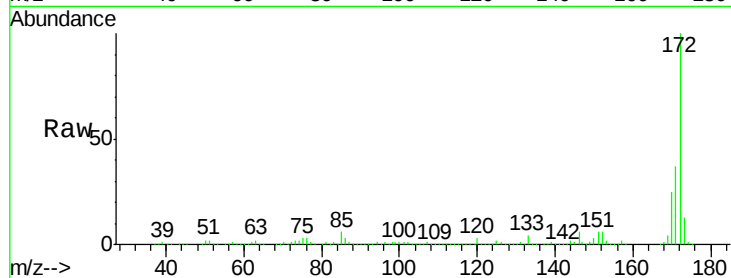




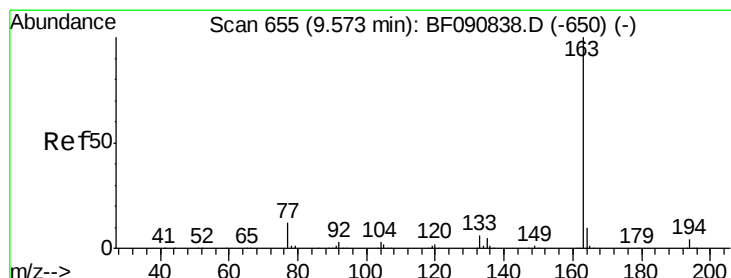
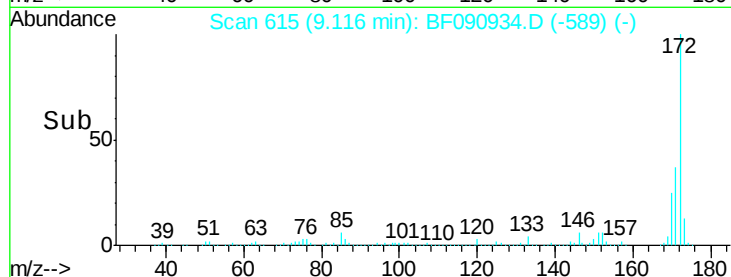
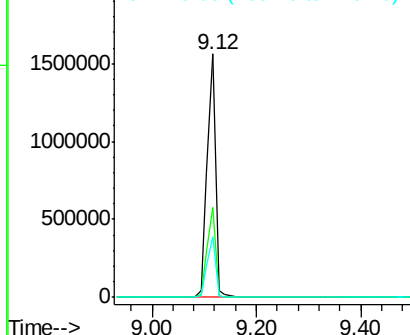
#44
 2-Fluorobiphenyl
 Concen: 111.38 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF090934.D
 Acq: 31 Oct 2016 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(5-6)

Tgt Ion:172 Resp: 1725667
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 24.8 17.4 26.2

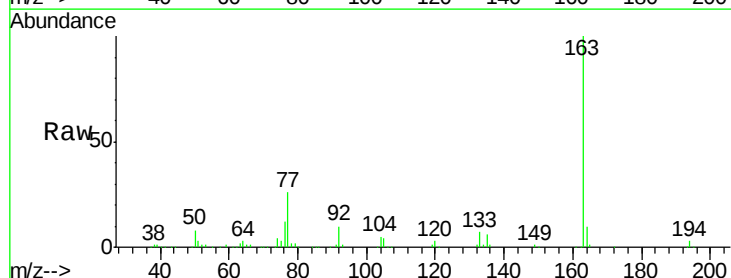


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

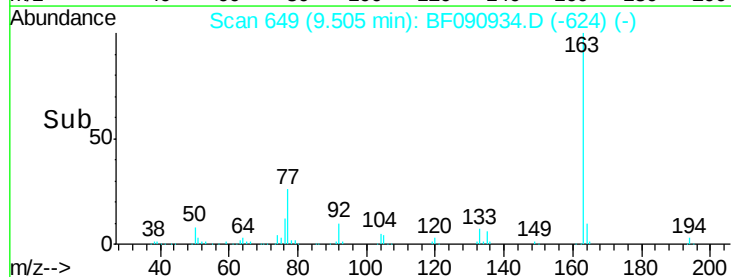
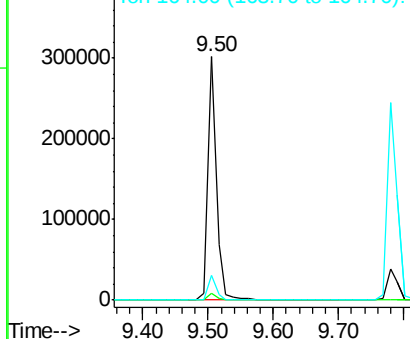


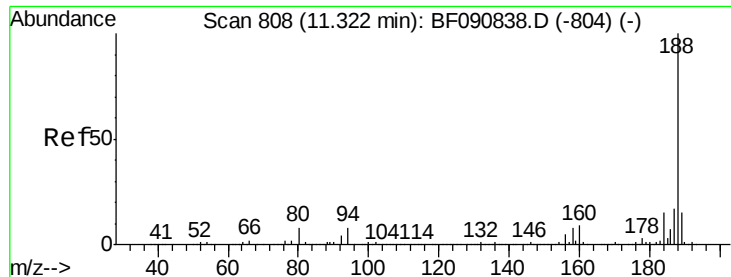
#49
 Dimethylphthalate
 Concen: 15.05 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF090934.D
 Acq: 31 Oct 2016 18:00

Tgt Ion:163 Resp: 273522
 Ion Ratio Lower Upper
 163 100
 194 3.0 4.4 6.6#
 164 10.2 8.3 12.5



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

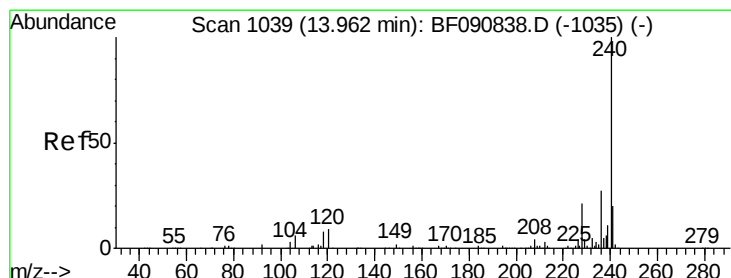
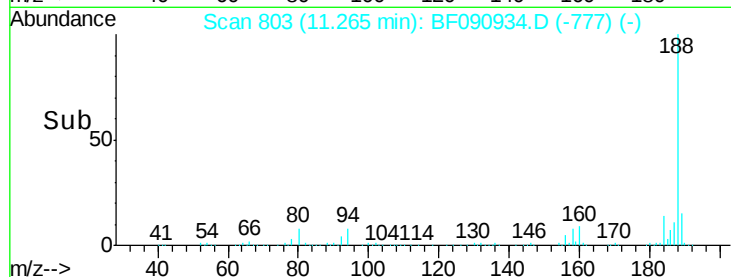
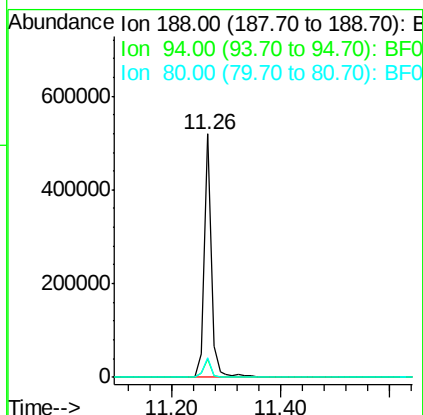
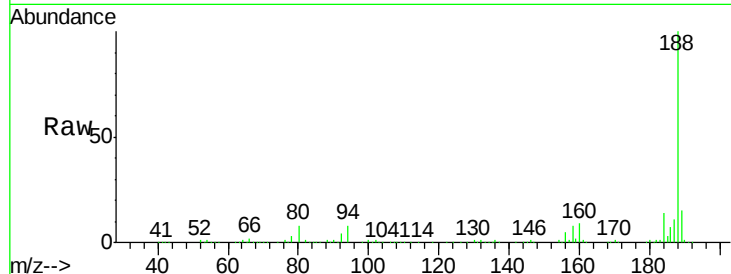




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF090934.D
Acq: 31 Oct 2016 18:00

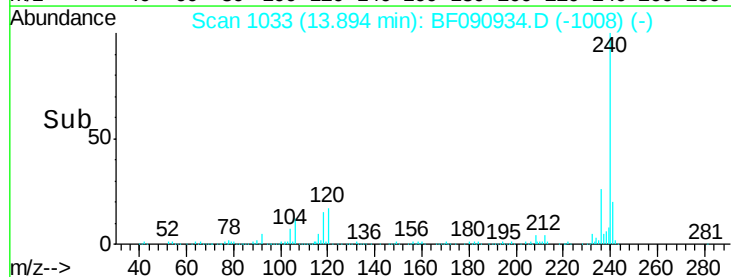
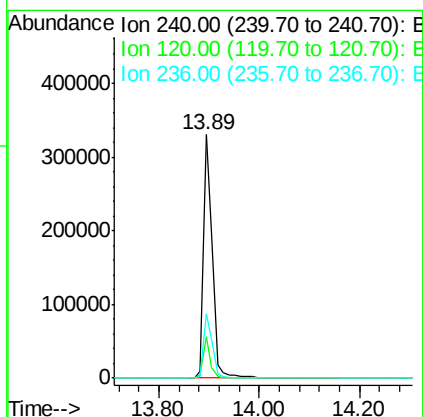
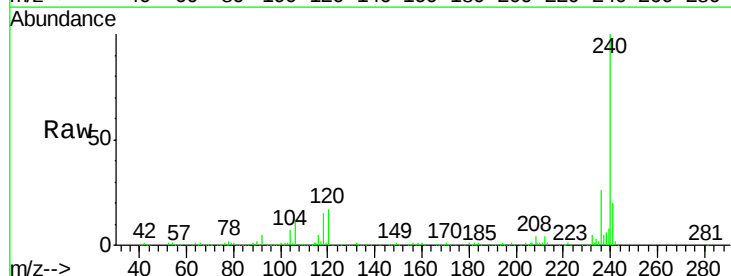
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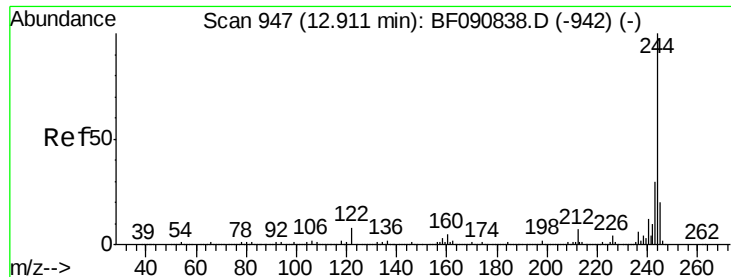
Tgt Ion:188 Resp: 467573
Ion Ratio Lower Upper
188 100
94 7.8 11.1 16.7#
80 8.0 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090934.D
Acq: 31 Oct 2016 18:00

Tgt Ion:240 Resp: 403760
Ion Ratio Lower Upper
240 100
120 16.9 16.2 24.2
236 26.3 18.4 27.6

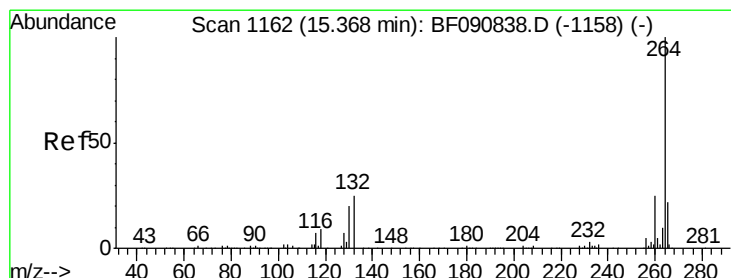
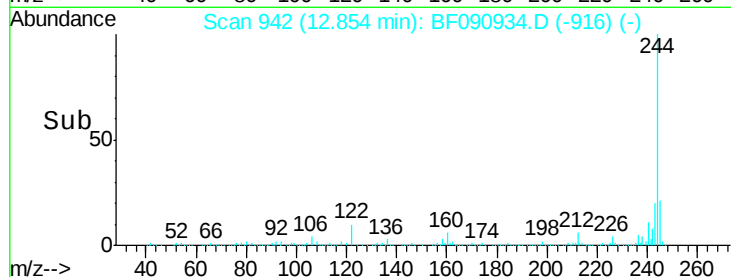
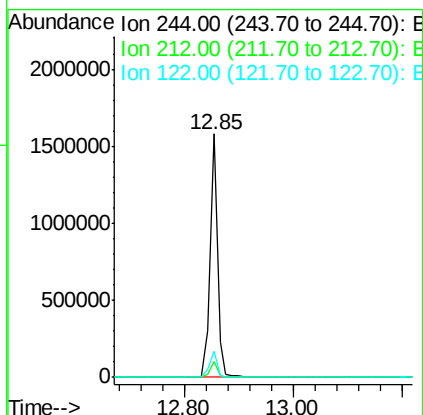
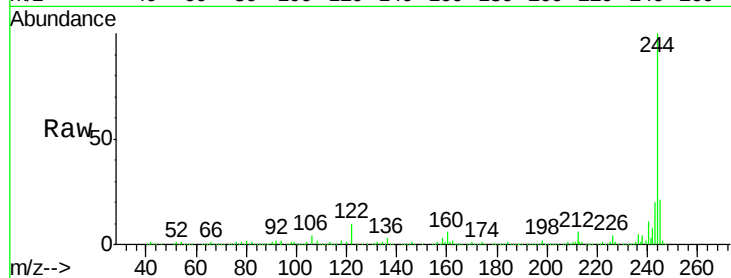




#78
 Terphenyl-d14
 Concen: 93.44 ng
 RT: 12.85 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF090934.D
 Acq: 31 Oct 2016 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(5-6)

Tgt Ion:244 Resp: 1497547
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.3 6.5#
 122 10.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF090934.D
 Acq: 31 Oct 2016 18:00

Tgt Ion:264 Resp: 308336
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 21.3 17.2 25.8

