

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089921.D
 Acq On : 26 Aug 2016 21:32
 Operator : UM/SJ
 Sample : H4598-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Quant Time: Aug 26 23:21:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

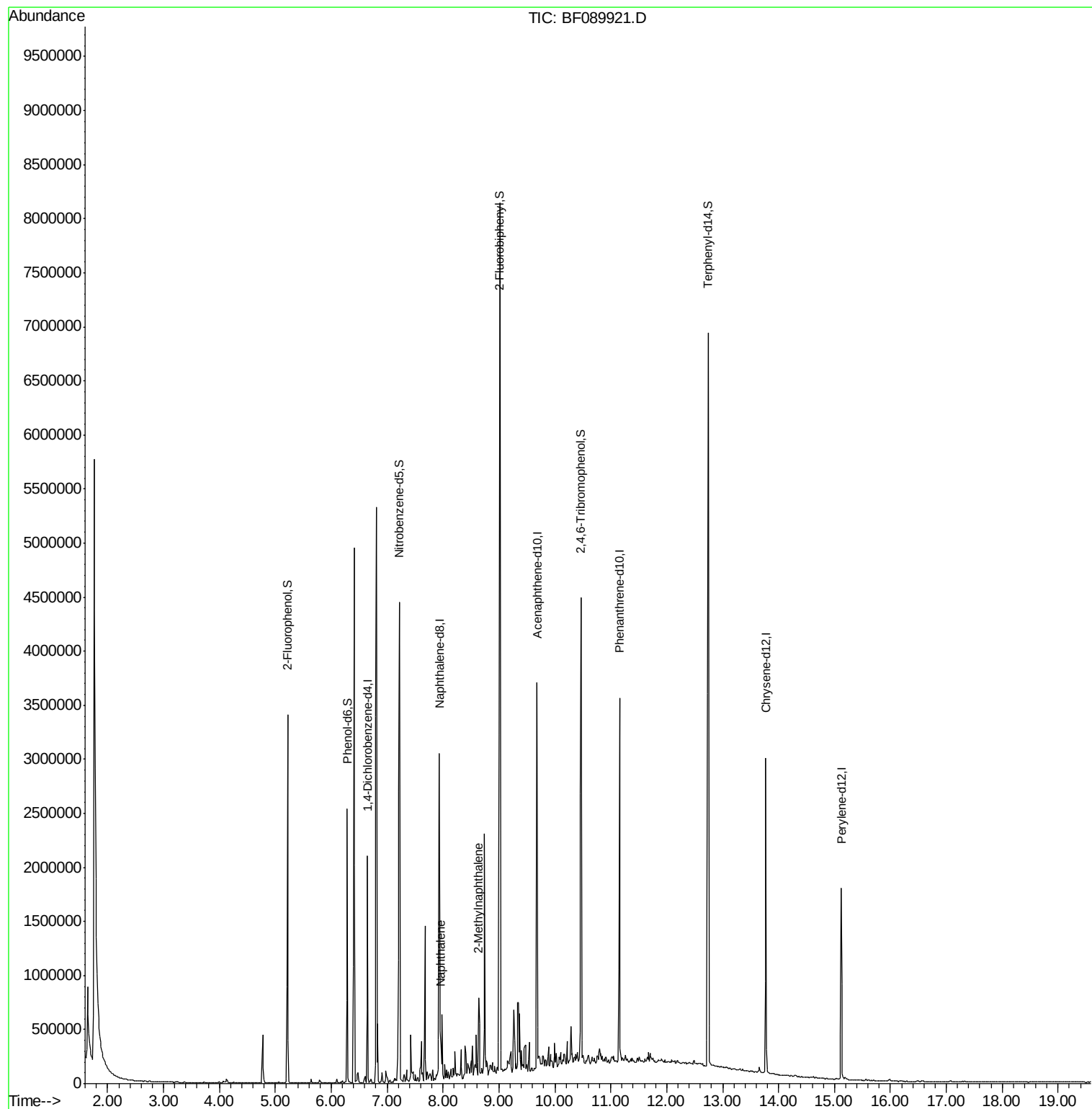
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	344318	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1270275	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	651649	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1204472	20.00	ng	0.00
75) Chrysene-d12	13.77	240	988333	20.00	ng	-0.01
86) Perylene-d12	15.12	264	799421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1023766	50.99	ng	0.00
7) Phenol-d6	6.28	99	926919	37.61	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1855000	90.72	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	636972	102.85	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2658415	71.70	ng	0.00
78) Terphenyl-d14	12.74	244	2346597	53.71	ng	0.00
Target Compounds						
31) Naphthalene	7.95	128	120239	2.03	ng	Qvalue # 95
37) 2-Methylnaphthalene	8.64	142	241505m	6.29	ng	

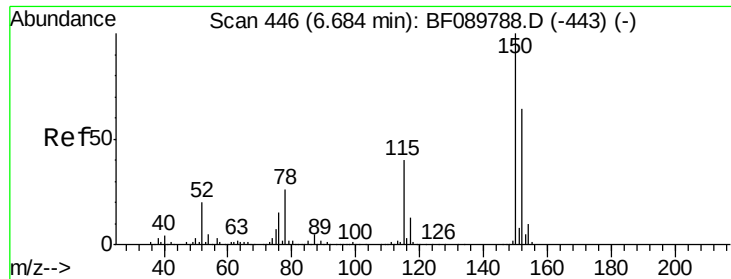
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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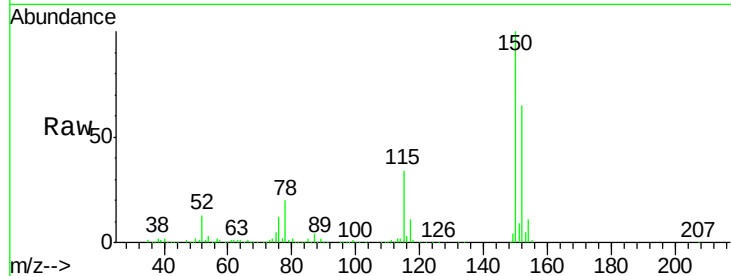


#1

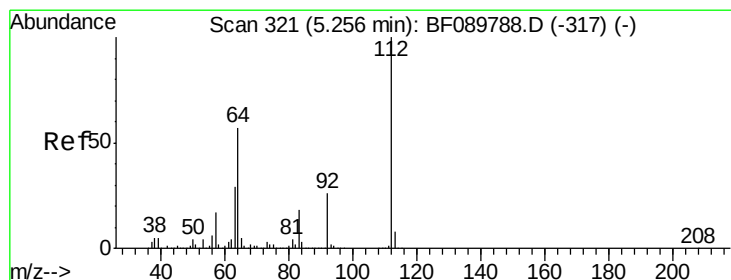
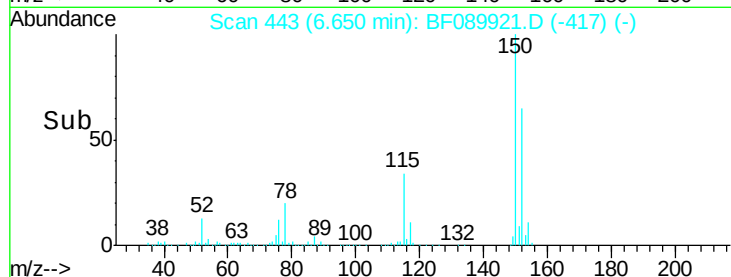
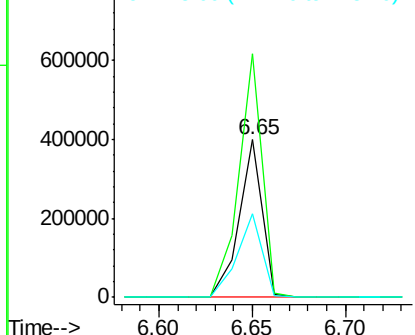
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF089921.D
Acq: 26 Aug 2016 21:32

Instrument :
BNA_F
ClientSampleId :
RW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.3	187.9
115	53.3	40.9	61.3



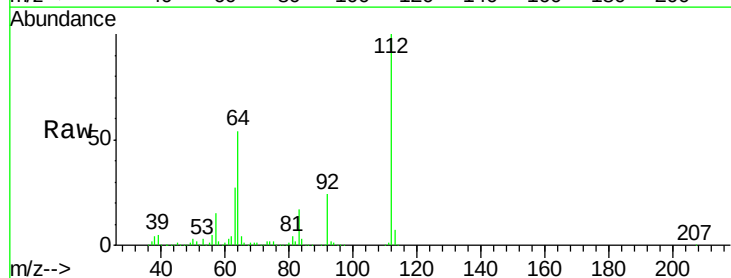
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



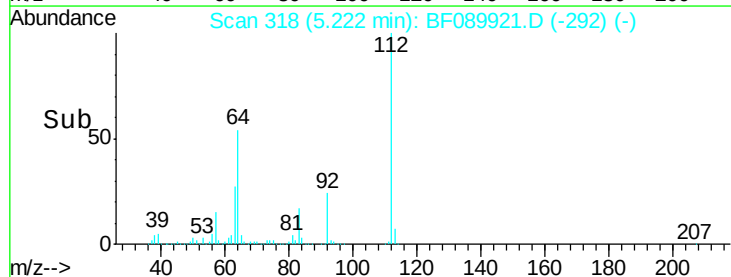
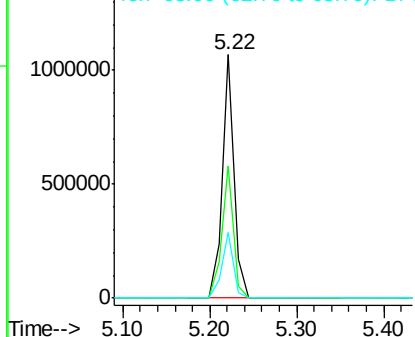
#5

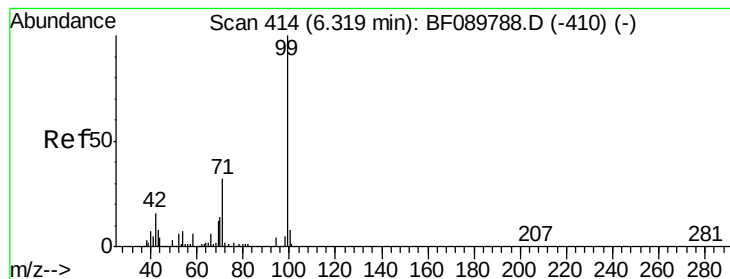
2-Fluorophenol
Concen: 50.99 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.00 min
Lab File: BF089921.D
Acq: 26 Aug 2016 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.0	67.4
63	27.1	23.1	34.7



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: 37.61 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Instrument :

BNA_F

ClientSampled :

RW-3

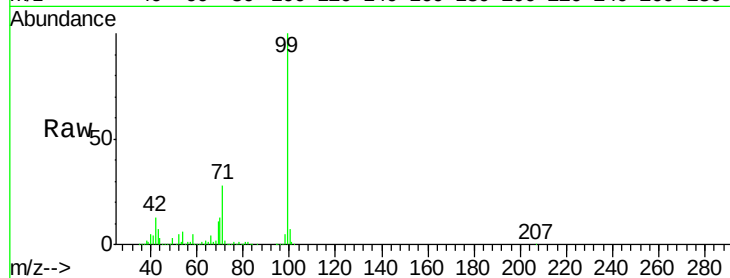
Tot Ion: 99 Resp: 926919

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.4

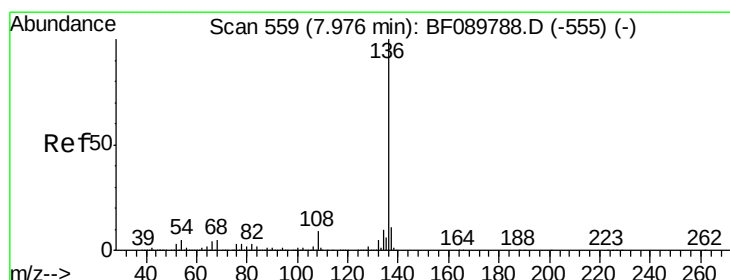
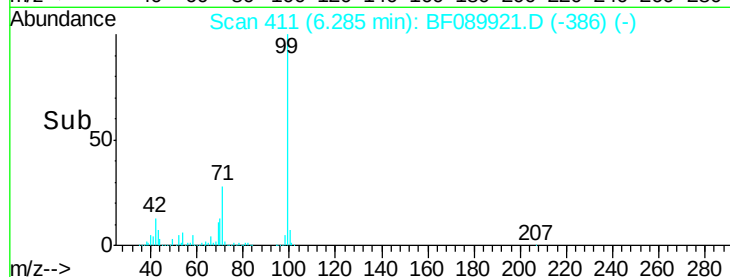
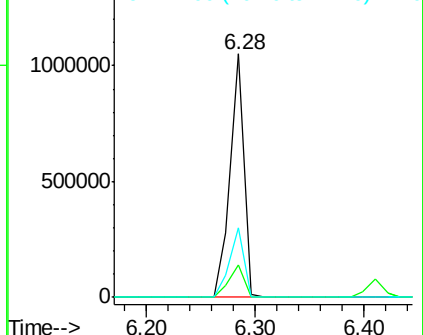
71 28.5 23.8 35.8



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: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Tgt Ion: 136 Resp: 1270275

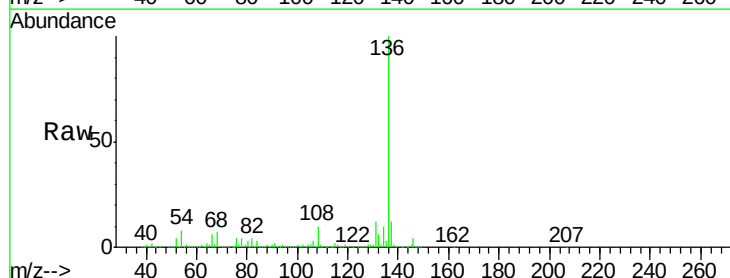
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 7.5 7.2 10.8

68 6.9 5.8 8.8

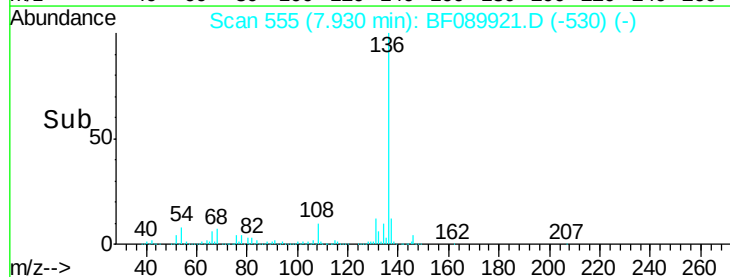
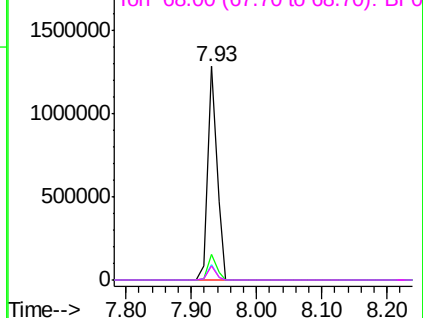


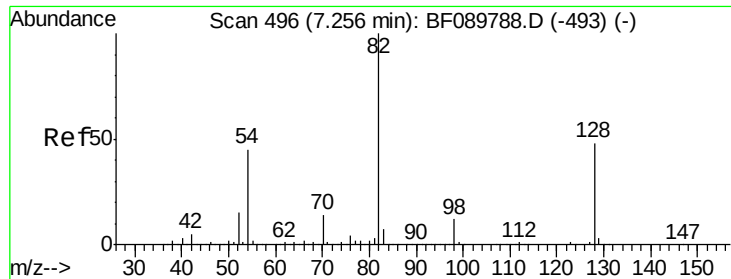
Abundance Ion 136.00 (135.70 to 136.70): E

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

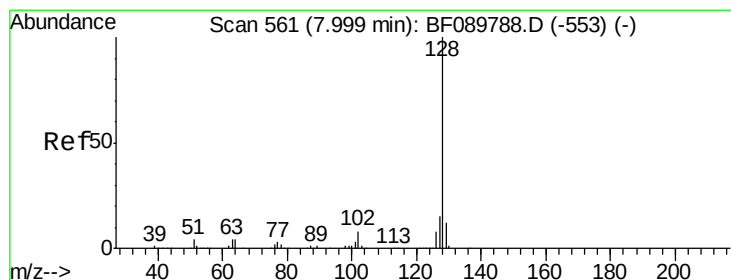
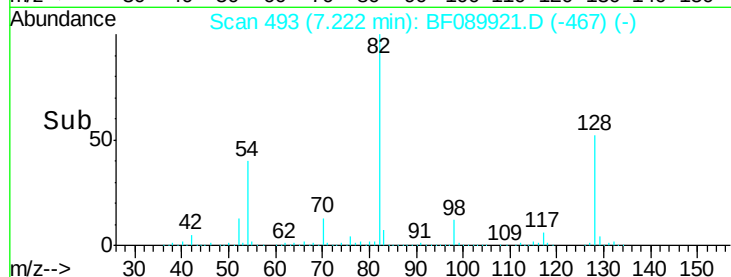
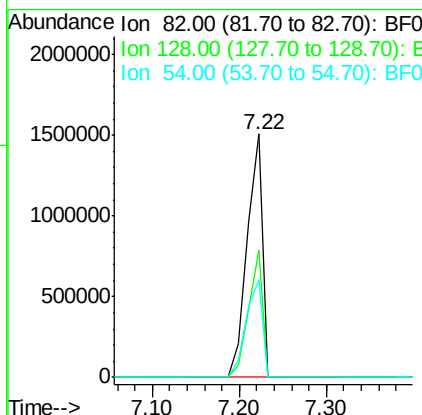
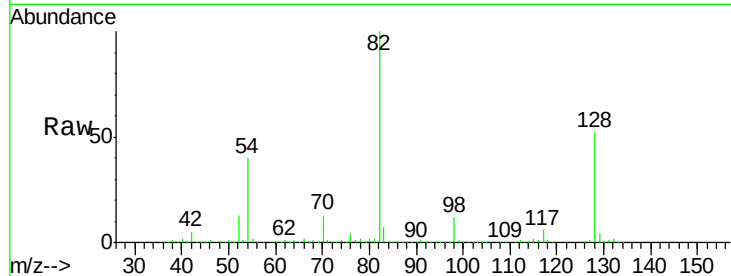




#23
 Nitrobenzene-d5
 Concen: 90.72 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

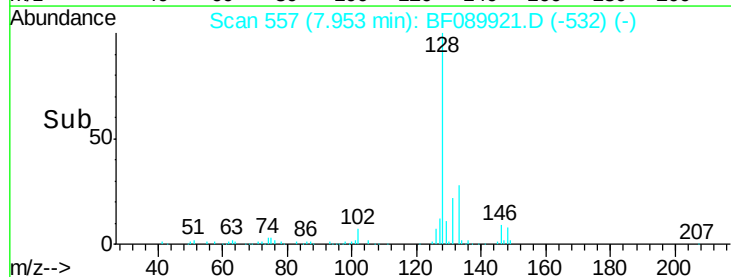
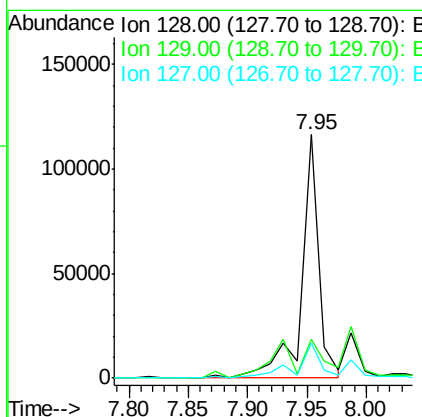
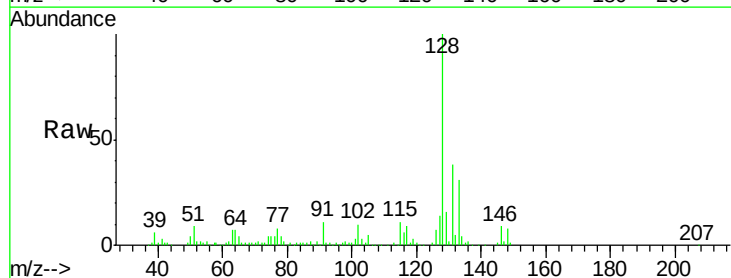
Instrument :
 BNA_F
 ClientSampled :
 RW-3

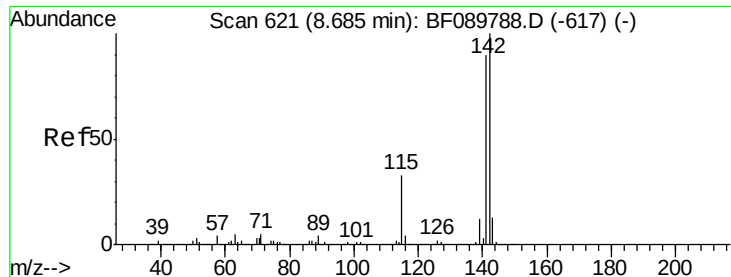
Tot Ion: 82 Resp: 1855000
 Ion Ratio Lower Upper
 82 100
 128 52.3 34.4 51.6#
 54 40.1 40.3 60.5#



#31
 Naphthalene
 Concen: 2.03 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

Tgt Ion:128 Resp: 120239
 Ion Ratio Lower Upper
 128 100
 129 15.8 9.5 14.3#
 127 14.4 11.3 16.9

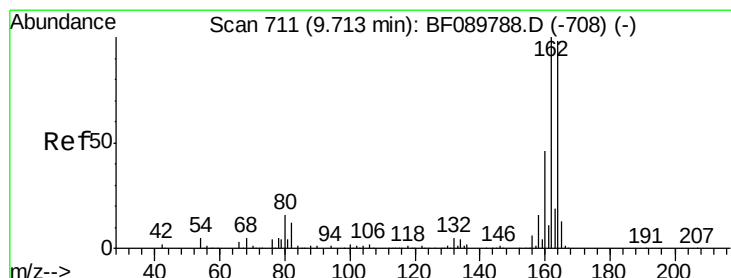
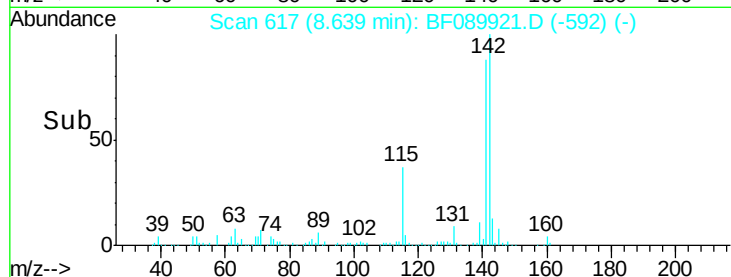
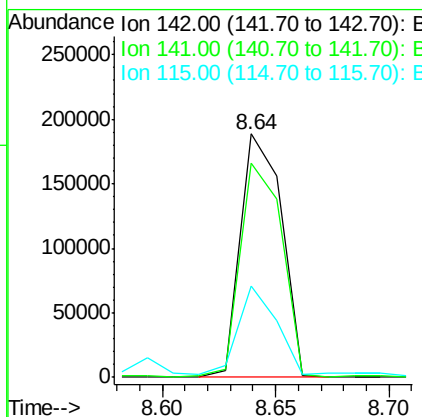
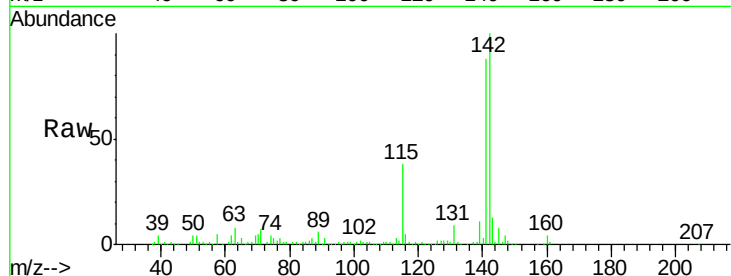




#37
2-Methylnaphthalene
Concen: 6.29 ng/mL
RT: 8.64 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF089921.D
Acq: 26 Aug 2016 21:32

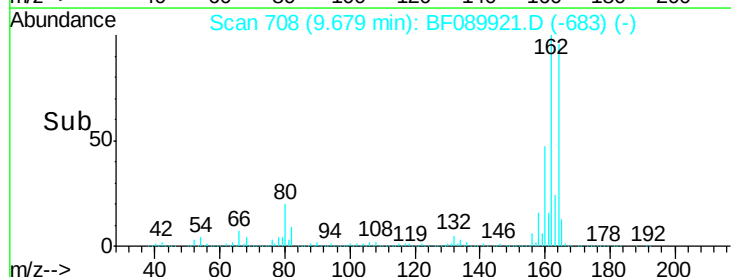
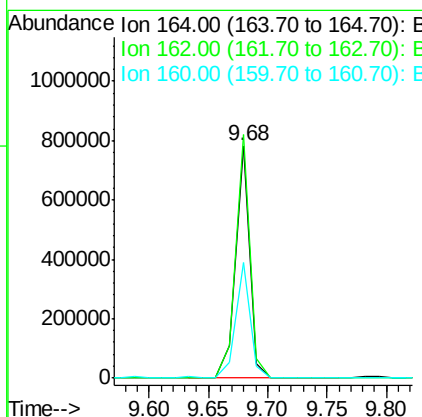
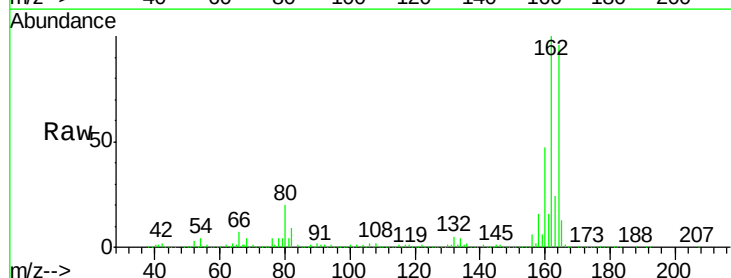
Instrument :
BNA_F
ClientSampleID :
RW-3

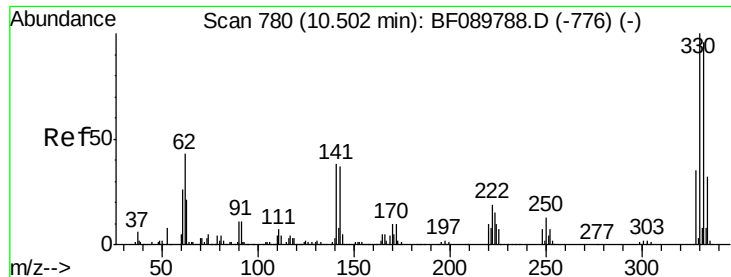
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	37.7	22.7	34.1



#38
Acenaphthene-d10
Concen: 20.00 ng/mL
RT: 9.68 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF089921.D
Acq: 26 Aug 2016 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.4	122.2
160	49.5	37.8	56.6

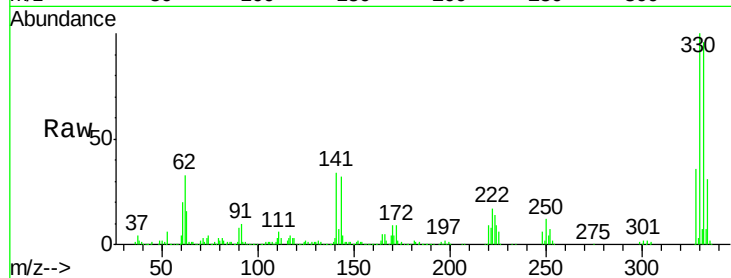




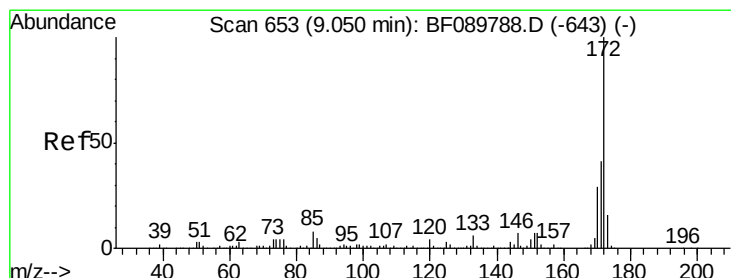
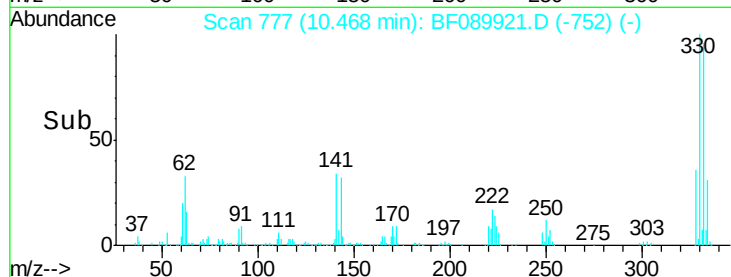
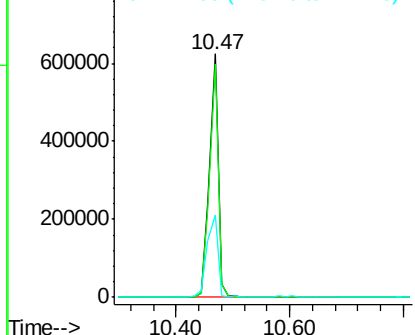
#41
 2,4,6-Tribromophenol
 Concen: 102.85 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.7	115.1
141	40.7	30.2	45.2

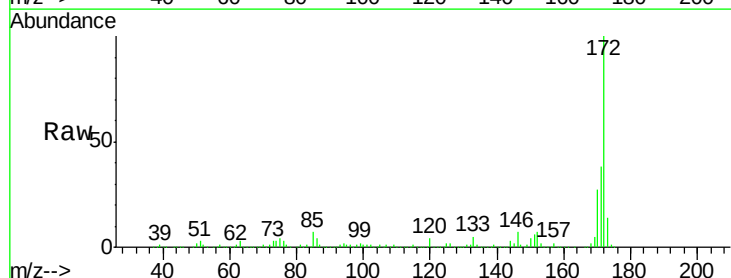


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

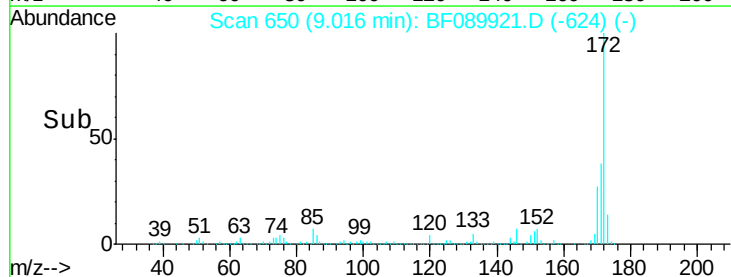
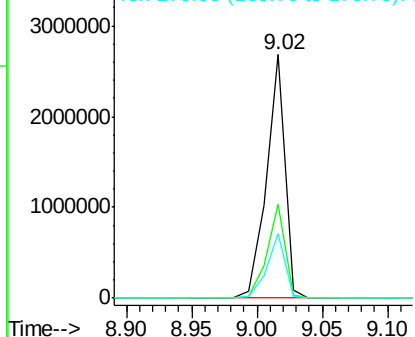


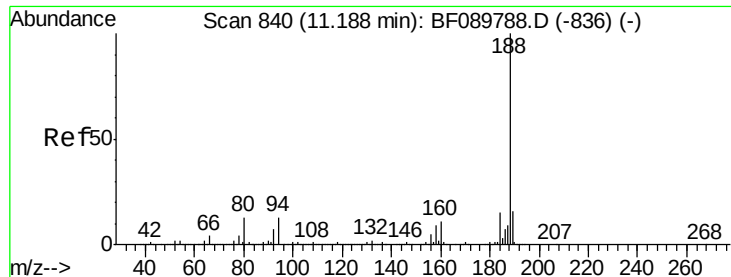
#44
 2-Fluorobiphenyl
 Concen: 71.70 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.5	45.7
170	26.6	20.6	31.0



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

Instrument :

BNA_F

ClientSampleId :

RW-3

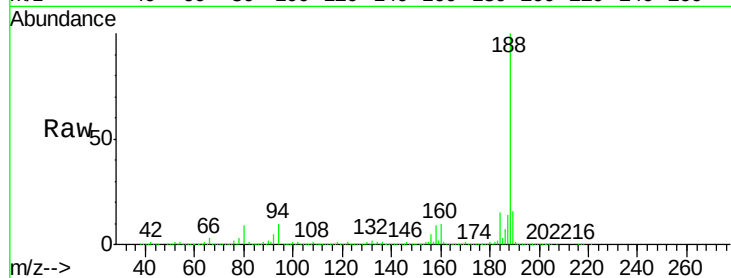
Tot Ion:188 Resp: 1204472

Ion Ratio Lower Upper

188 100

94 9.8 10.2 15.2#

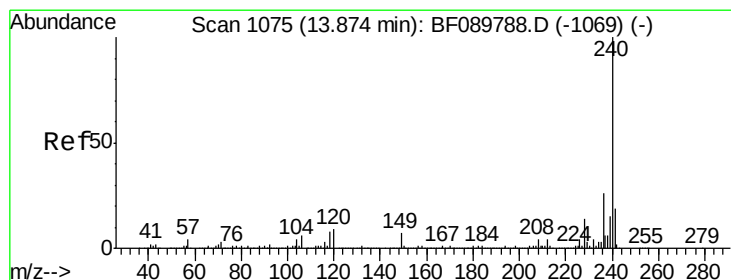
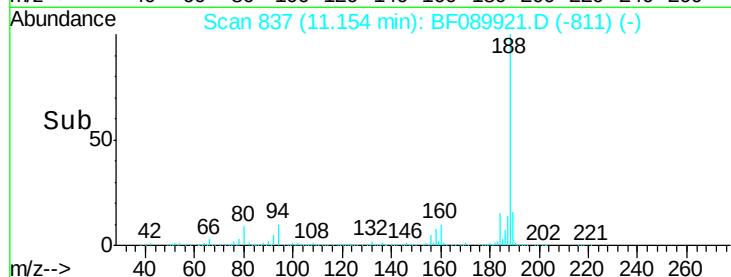
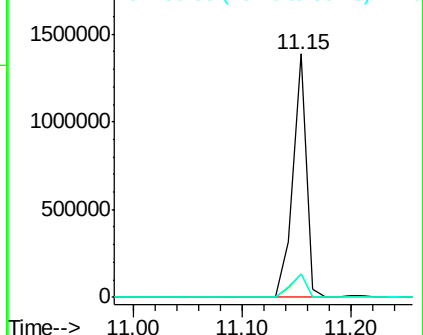
80 9.5 10.9 16.3#



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: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089921.D

Acq: 26 Aug 2016 21:32

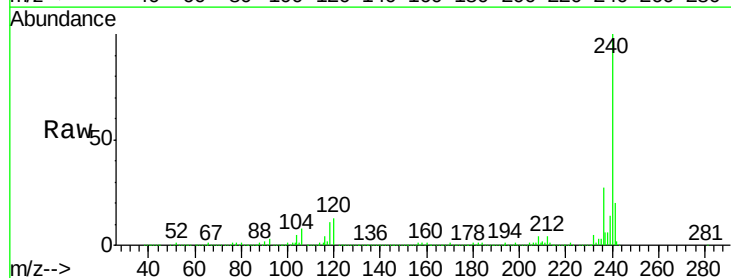
Tgt Ion:240 Resp: 988333

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

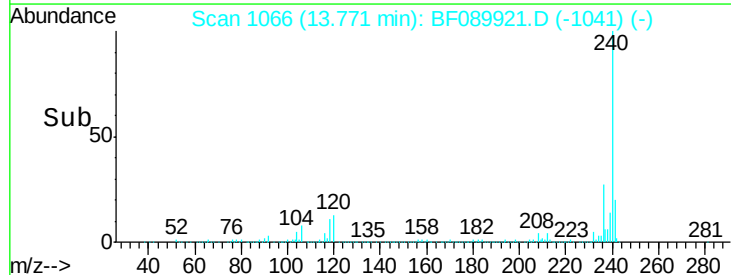
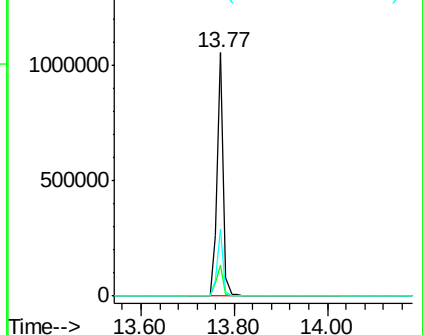
236 27.3 21.3 31.9

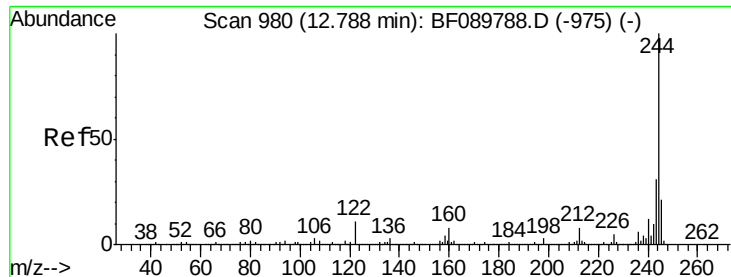


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

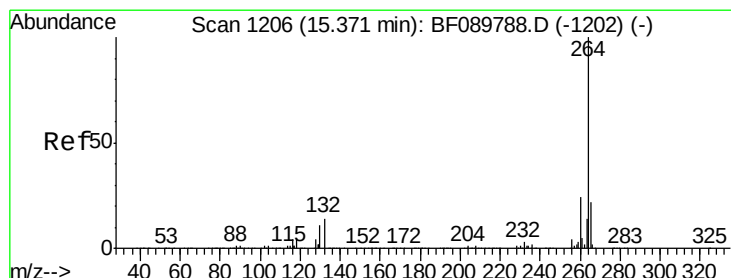
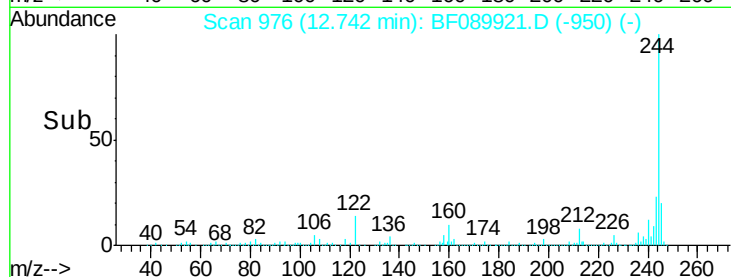
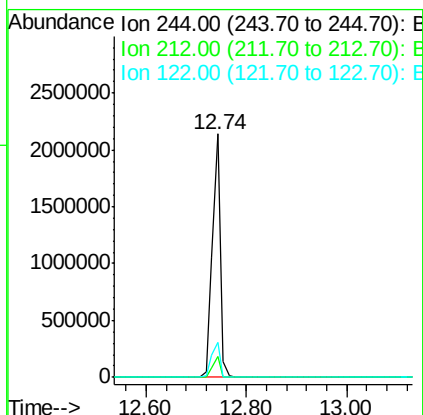
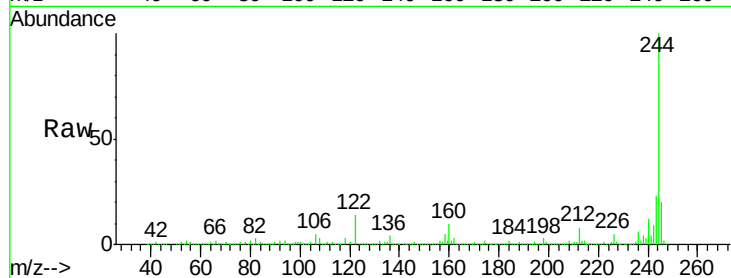




#78
 Terphenyl-d14
 Concen: 53.71 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Tot Ion:244 Resp: 2346597
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.3 9.5
 122 14.2 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF089921.D
 Acq: 26 Aug 2016 21:32

Tgt Ion:264 Resp: 799421
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.2 30.2
 265 22.2 17.4 26.2

