

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098100.D
 Acq On : 29 Aug 2017 7:30
 Operator : SJ/JU
 Sample : I4961-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Quant Time: Aug 29 09:36:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

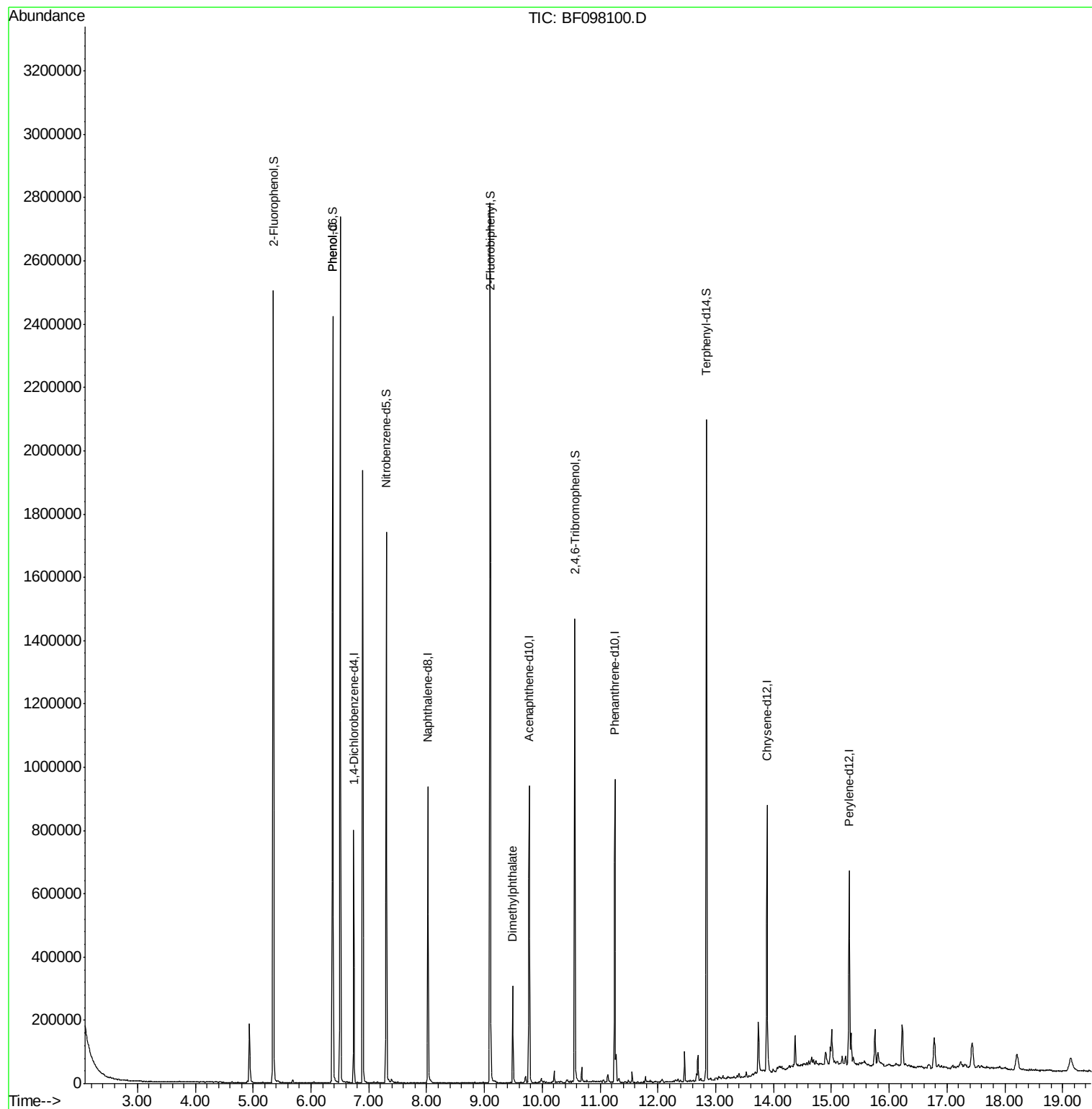
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	102904	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	400660	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	172361	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	323836	20.00	ng	0.00
75) Chrysene-d12	13.89	240	265389	20.00	ng	-0.01
86) Perylene-d12	15.31	264	264114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	737728	109.05	ng	0.00
7) Phenol-d6	6.38	99	992925	108.02	ng	0.00
23) Nitrobenzene-d5	7.30	82	601993	81.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	164269	109.84	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	838040	71.43	ng	-0.01
78) Terphenyl-d14	12.84	244	665479	52.29	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	31244	2.906	ng	94
49) Dimethylphthalate	9.49	163	112381	8.920	ng	98

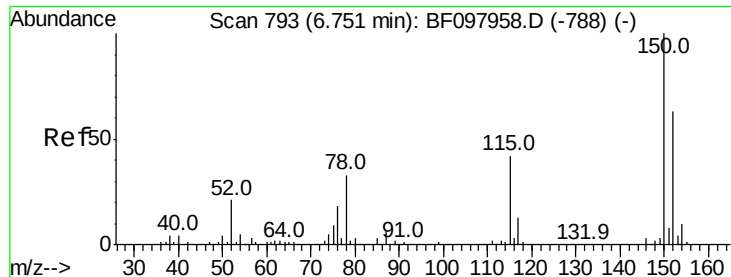
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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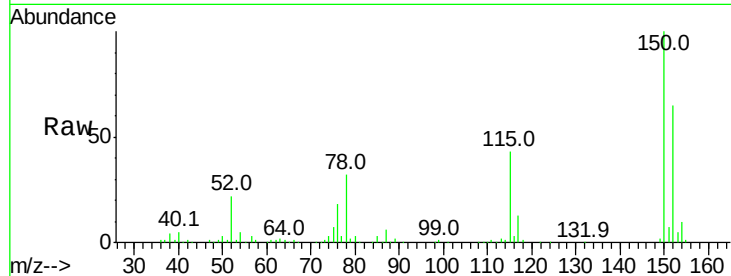


#1

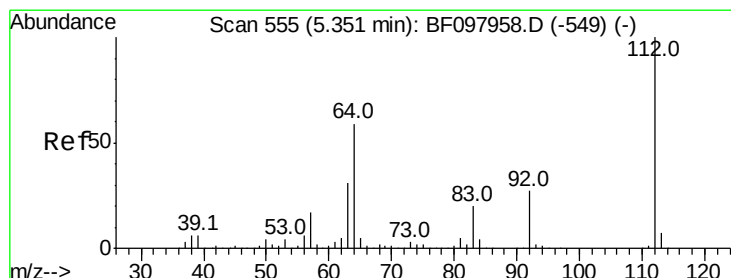
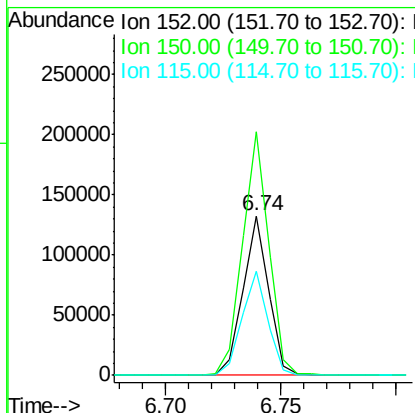
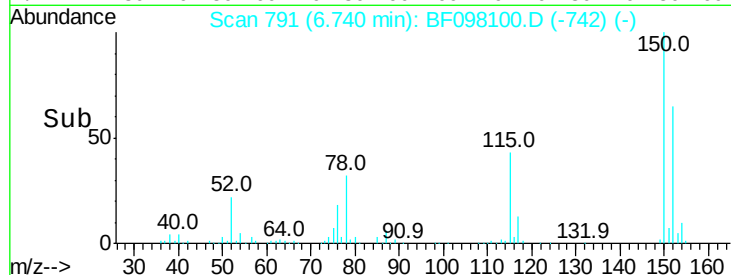
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098100.D
 Acq: 29 Aug 2017 7:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tot Ion:152 Resp: 102904
 Ion Ratio Lower Upper
 152 100
 150 152.9 126.2 189.2
 115 65.1 52.2 78.2



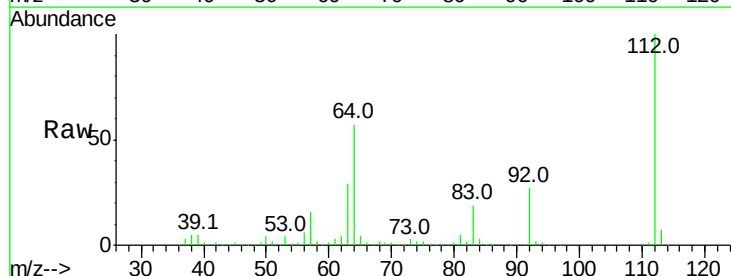
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



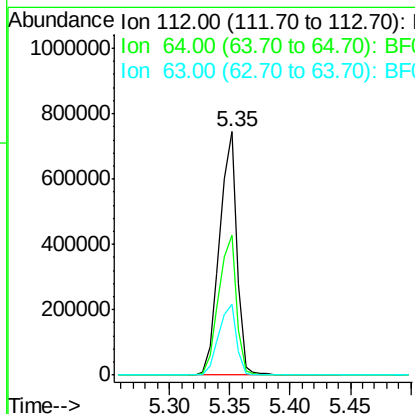
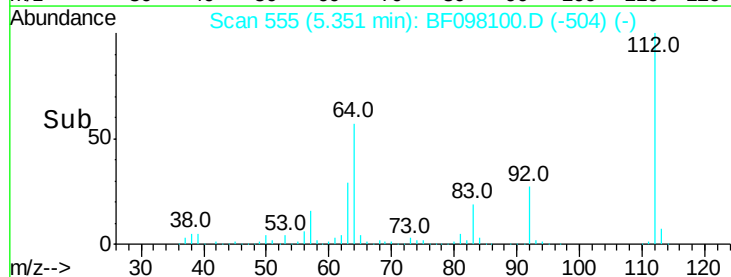
#5

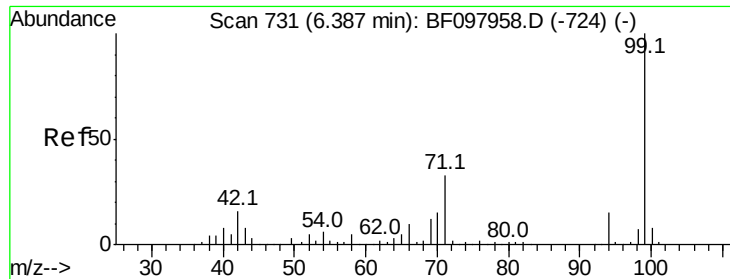
2-Fluorophenol
 Concen: 109.047 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF098100.D
 Acq: 29 Aug 2017 7:30

Tgt Ion:112 Resp: 737728
 Ion Ratio Lower Upper
 112 100
 64 57.5 46.0 69.0
 63 29.3 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: 108.021 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098100.D

Acq: 29 Aug 2017 7:30

Instrument :

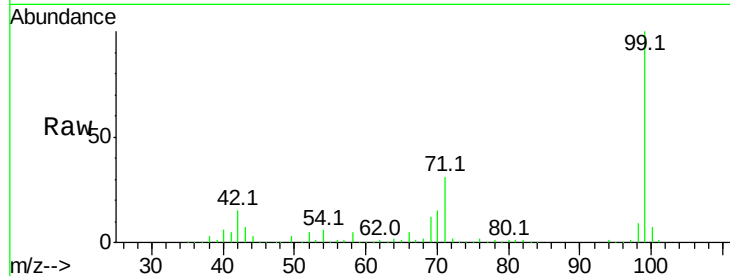
BNA_F

ClientSampleId :

SB-12-COMP

Tot Ion: 99 Resp: 992925

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.5	20.3
71	31.4	24.5	36.7

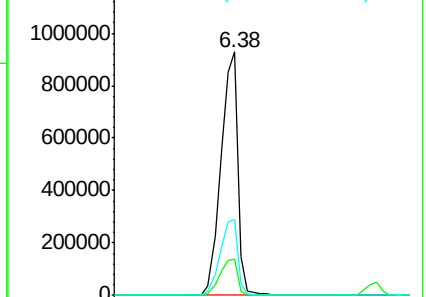
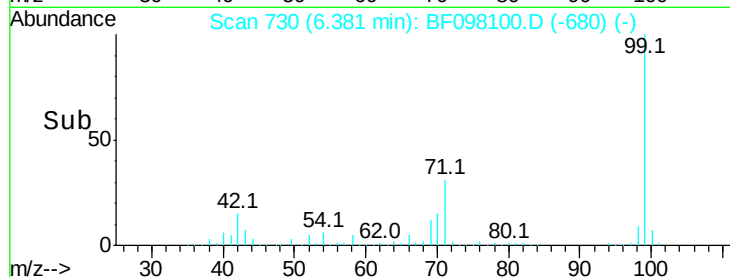


Abundance

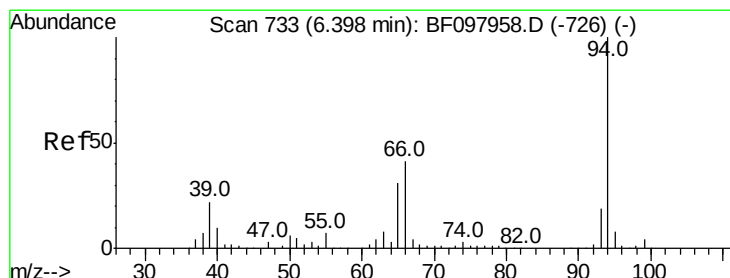
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 2.906 ng

RT: 6.39 min Scan# 731

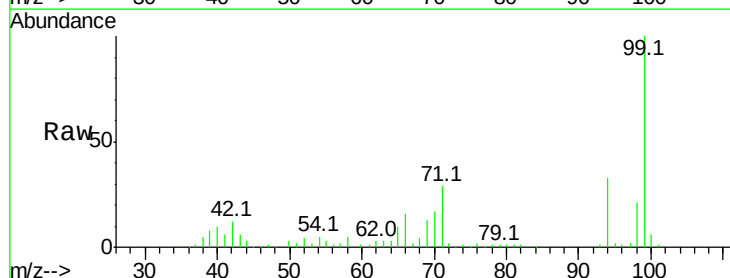
Delta R.T. -0.01 min

Lab File: BF098100.D

Acq: 29 Aug 2017 7:30

Tgt Ion: 94 Resp: 31244

Ion	Ratio	Lower	Upper
94	100		
65	31.0	9.9	49.9
66	49.1	23.1	63.1

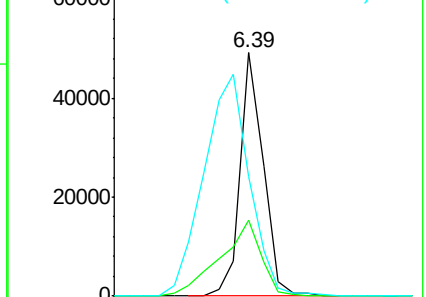
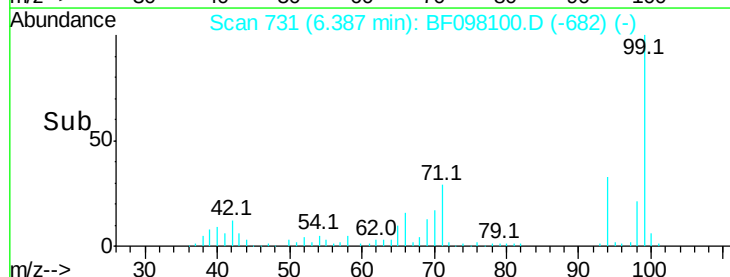


Abundance

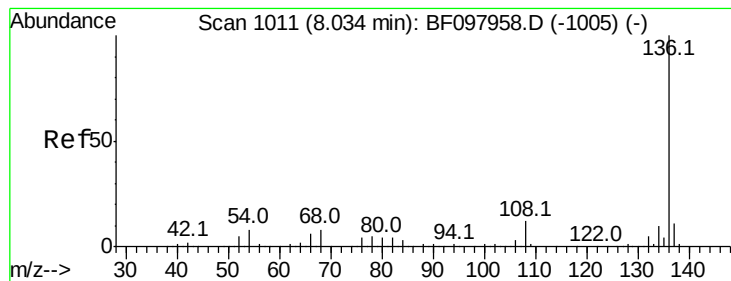
Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



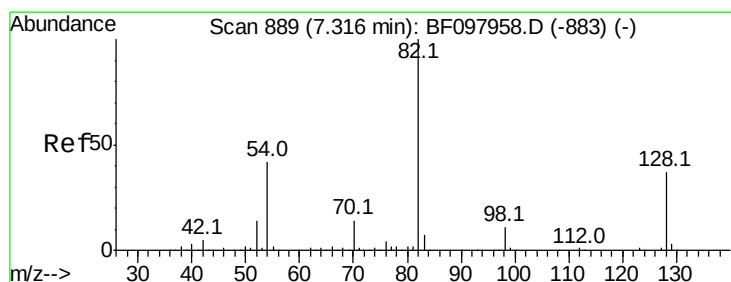
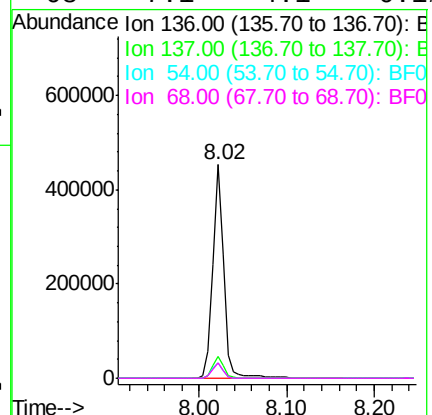
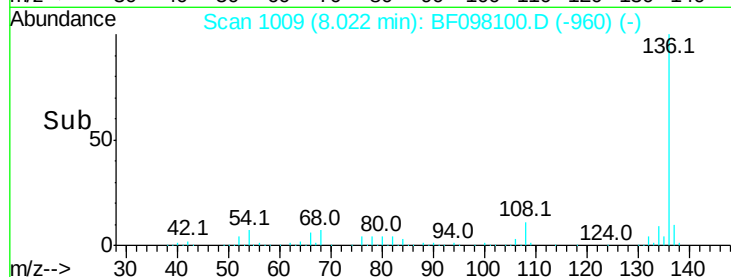
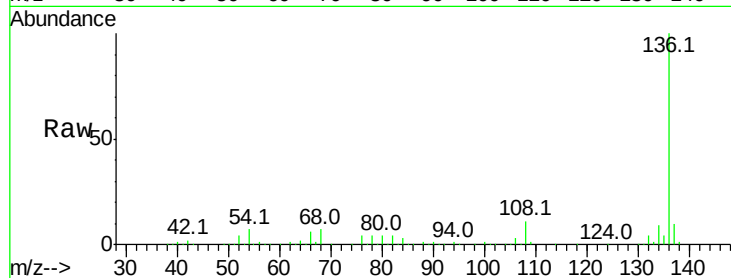
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098100.D
Acq: 29 Aug 2017 7:30

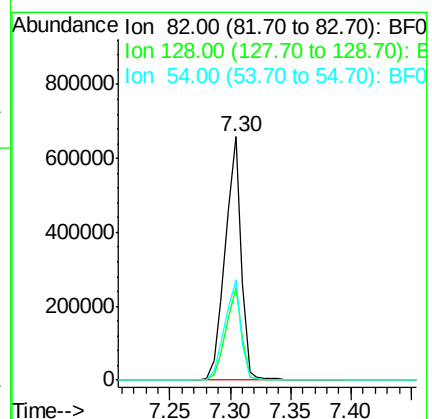
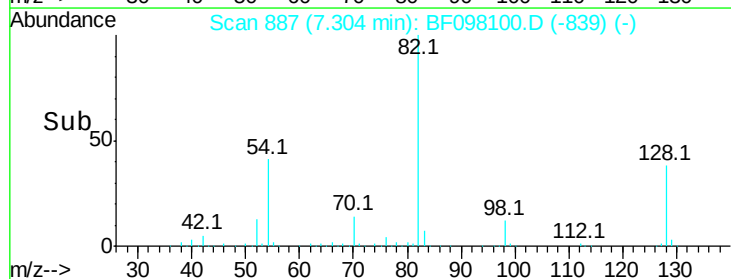
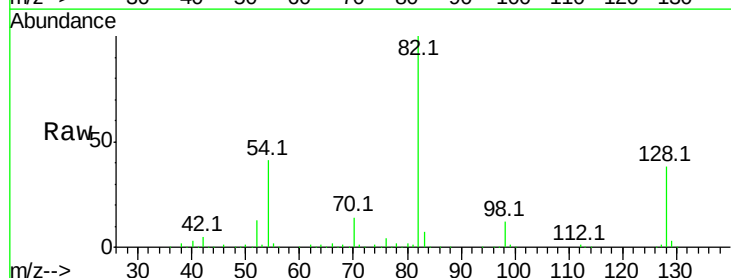
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

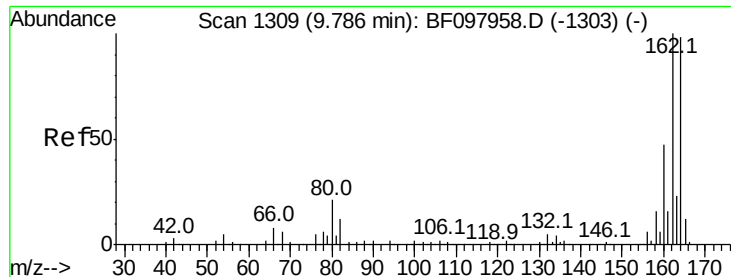
Tot Ion:136 Resp: 400660
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 7.4 4.9 7.3#
68 7.1 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 81.623 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098100.D
Acq: 29 Aug 2017 7:30

Tgt Ion: 82 Resp: 601993
Ion Ratio Lower Upper
82 100
128 38.1 34.0 51.0
54 41.1 42.2 63.2#

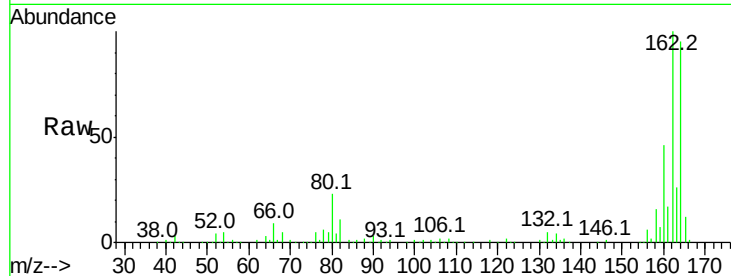




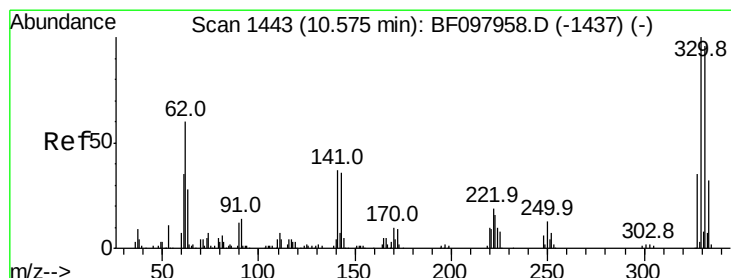
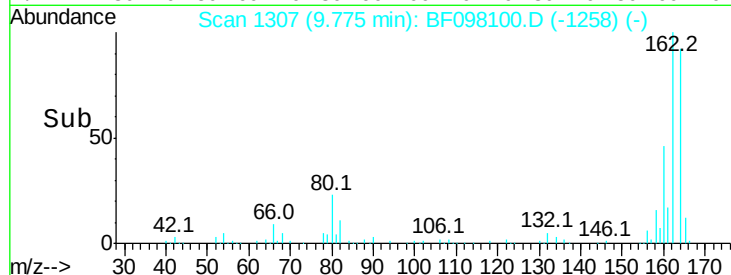
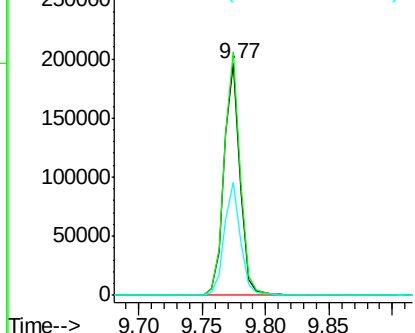
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098100.D
 Acq: 29 Aug 2017 7:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tot Ion:164 Resp: 172361
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 48.6 36.2 54.2

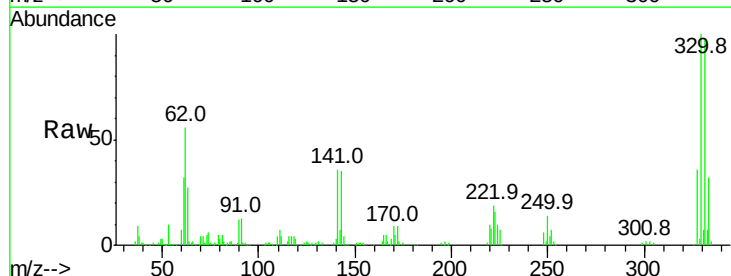


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

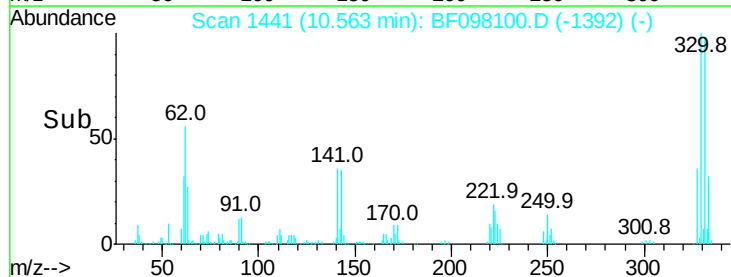
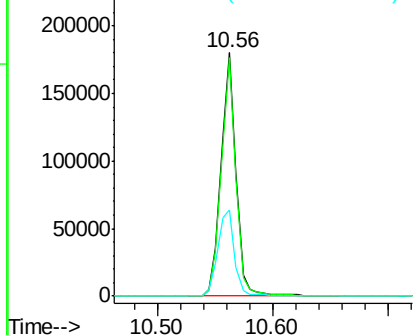


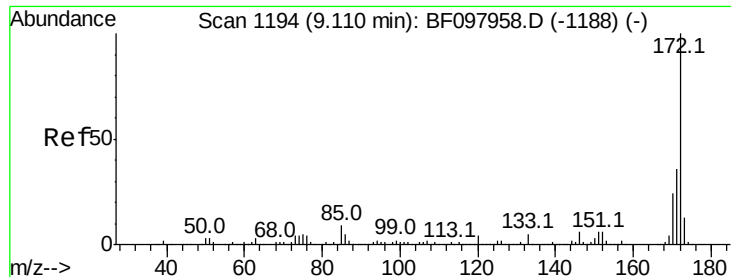
#41
 2,4,6-Tribromophenol
 Concen: 109.841 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098100.D
 Acq: 29 Aug 2017 7:30

Tgt Ion:330 Resp: 164269
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 39.2 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

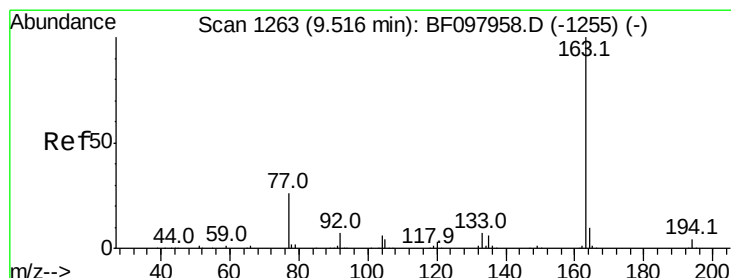
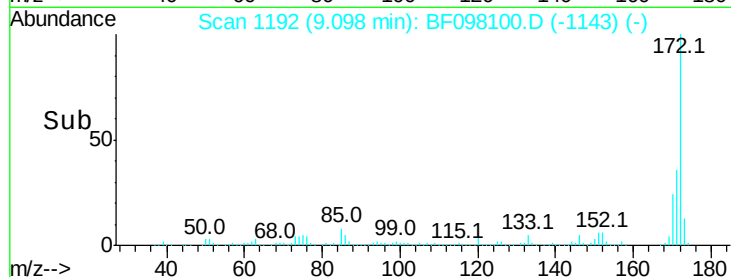
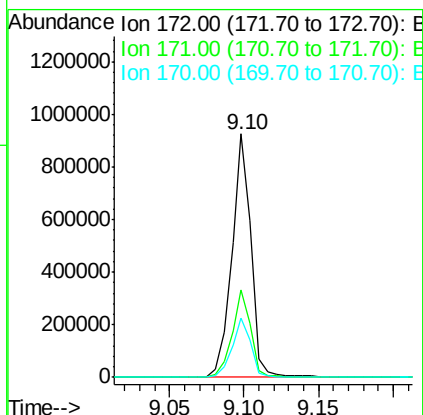
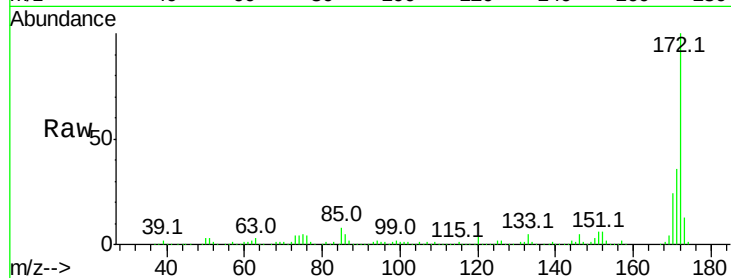




#44
2-Fluorobiphenyl
Concen: 71.435 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098100.D
Acq: 29 Aug 2017 7:30

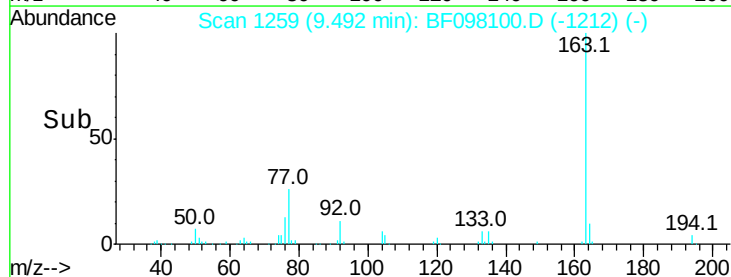
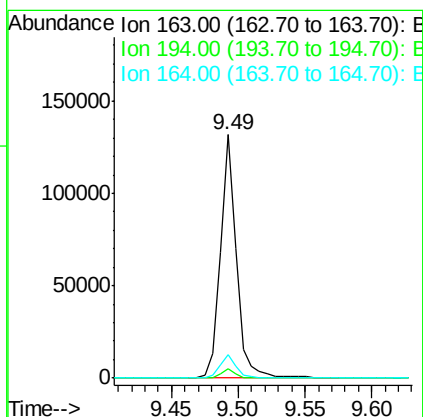
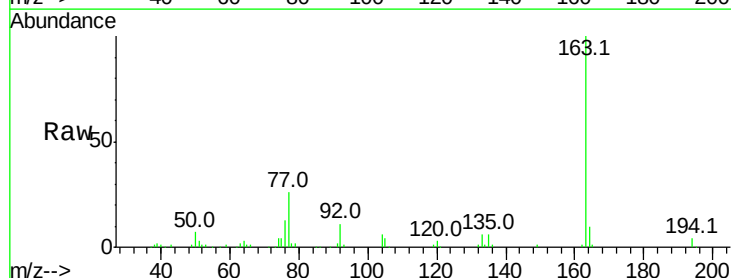
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

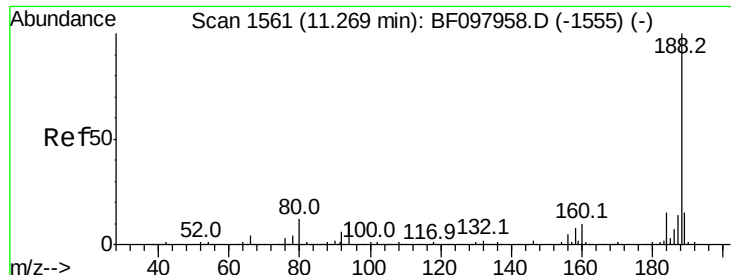
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.3	19.8	29.8



#49
Dimethylphthalate
Concen: 8.920 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098100.D
Acq: 29 Aug 2017 7:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.8	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098100.D

Acq: 29 Aug 2017 7:30

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

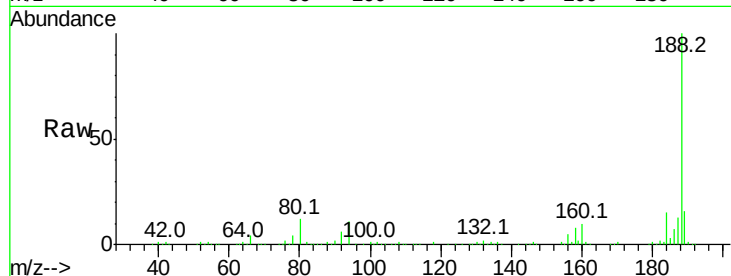
Tot Ion:188 Resp: 323836

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

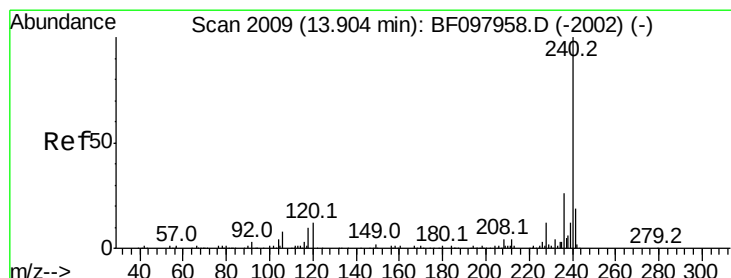
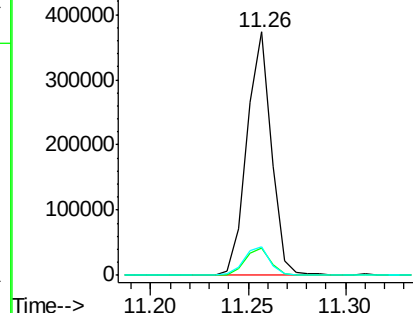
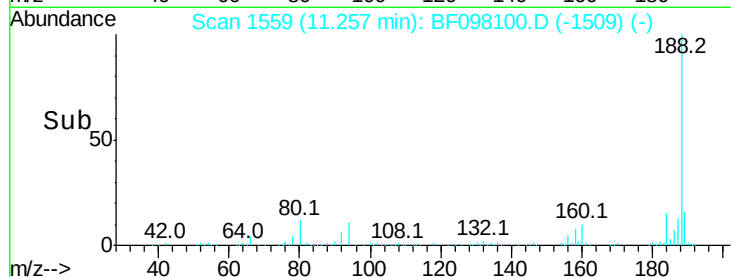
80 12.0 10.2 15.2



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: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098100.D

Acq: 29 Aug 2017 7:30

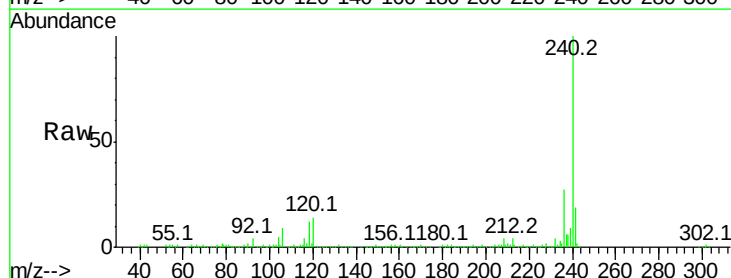
Tgt Ion:240 Resp: 265389

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

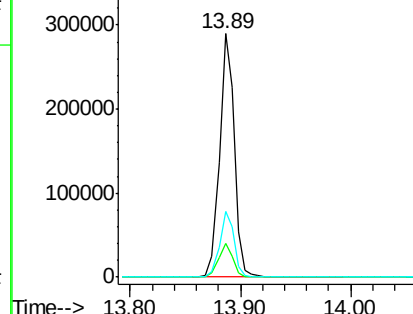
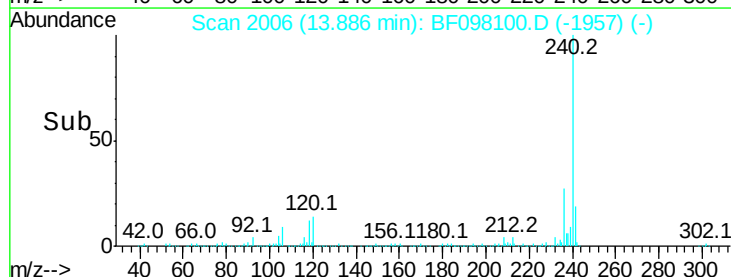
236 26.9 20.5 30.7

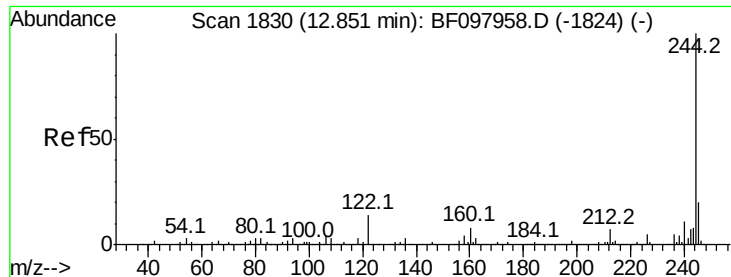


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

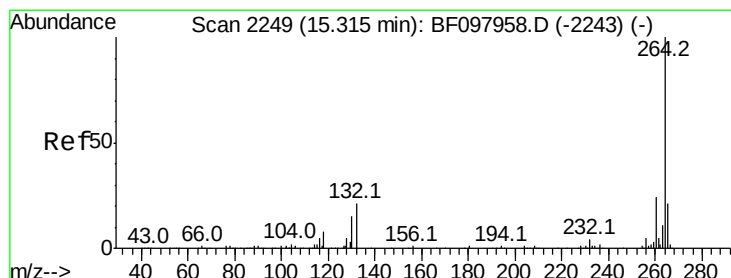
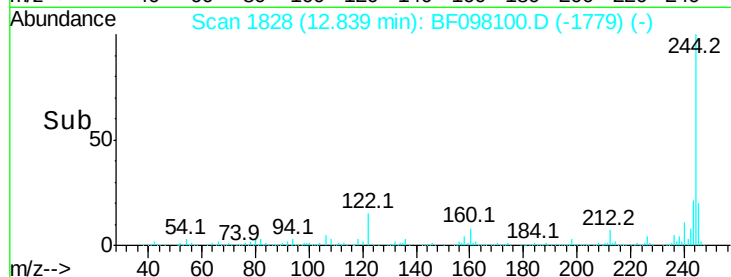
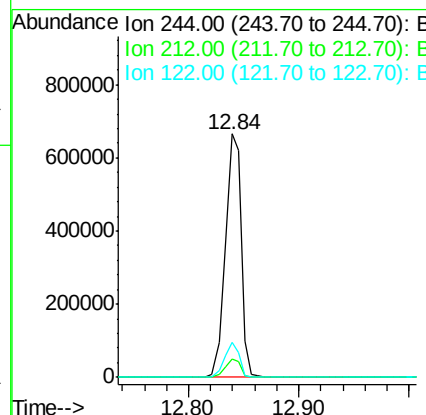
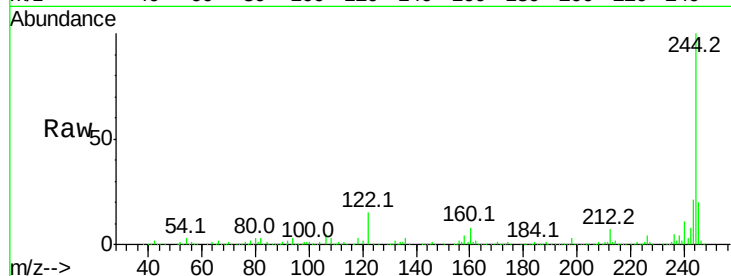




#78
 Terphenyl-d14
 Concen: 52.291 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098100.D
 Acq: 29 Aug 2017 7:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tot Ion:244 Resp: 665479
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF098100.D
 Acq: 29 Aug 2017 7:30

Tgt Ion:264 Resp: 264114
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.4 17.2 25.8

