

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098136.D
 Acq On : 30 Aug 2017 4:20
 Operator : SJ/JU
 Sample : I4986-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517

Quant Time: Aug 30 07:58:39 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

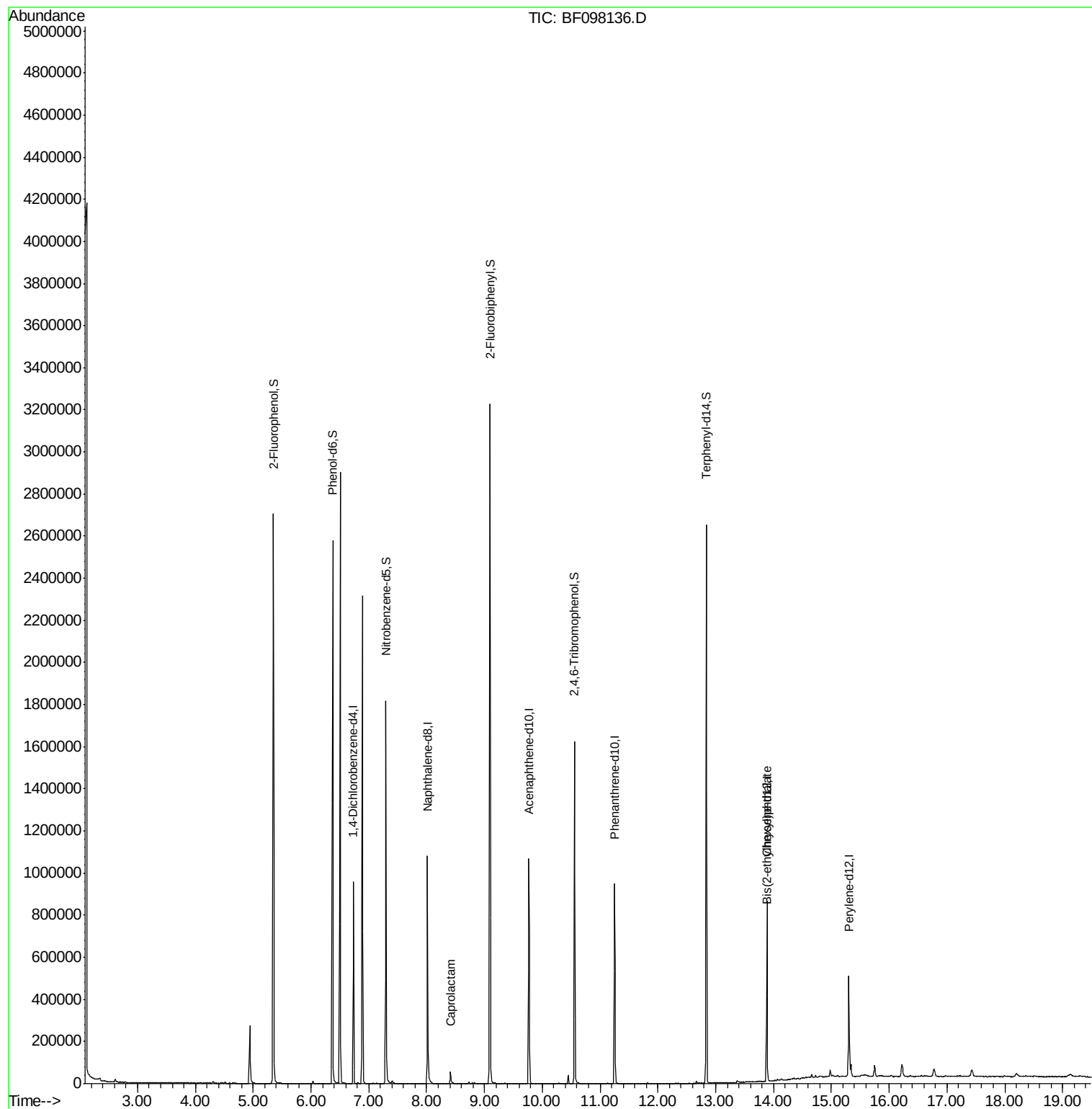
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	123192	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	478151	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	193391	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	316185	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	271296	20.00	ng	-0.01
86) Perylene-d12	15.30	264	210039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	775562	95.76	ng	0.00
7) Phenol-d6	6.37	99	999671	90.84	ng	-0.01
23) Nitrobenzene-d5	7.30	82	686407	77.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	178396	106.32	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1049092	79.70	ng	-0.01
78) Terphenyl-d14	12.84	244	766199	58.89	ng	-0.01
Target Compounds						
35) Caprolactam	8.41	113	6616	3.071	ng	96
83) Bis(2-ethylhexyl)phthalate	13.87	149	26708	2.833	ng	99

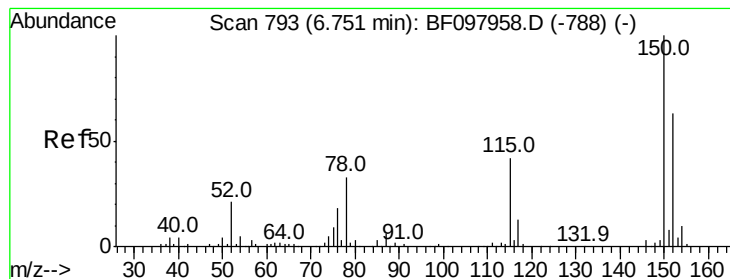
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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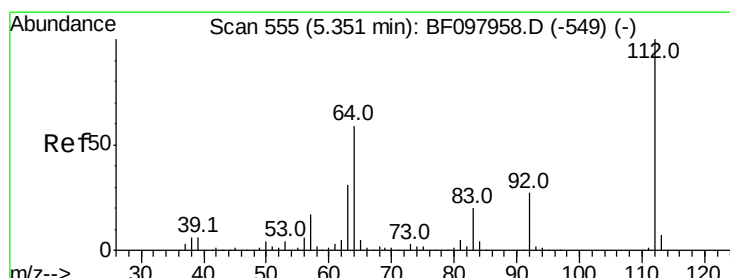
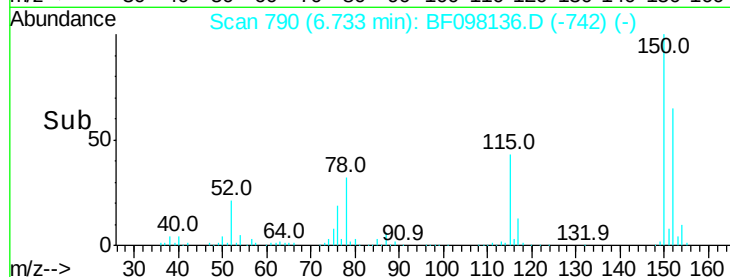
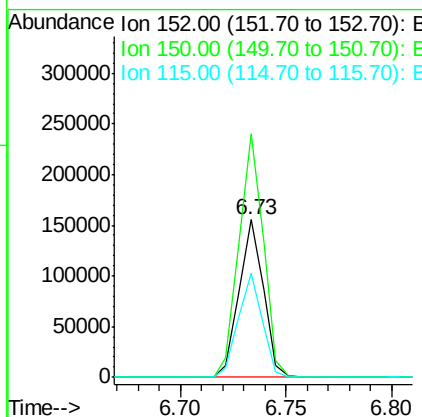
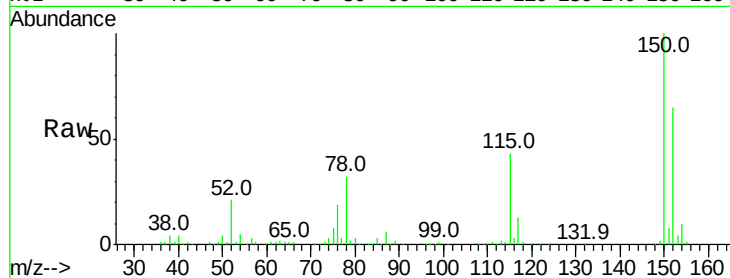


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098136.D
Acq: 30 Aug 2017 4:20

Instrument :
BNA_F
ClientSampleId :
SU-01-82517

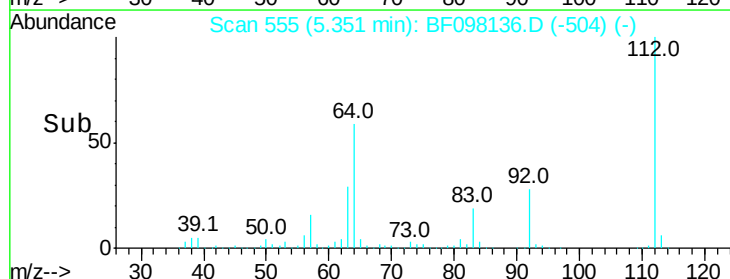
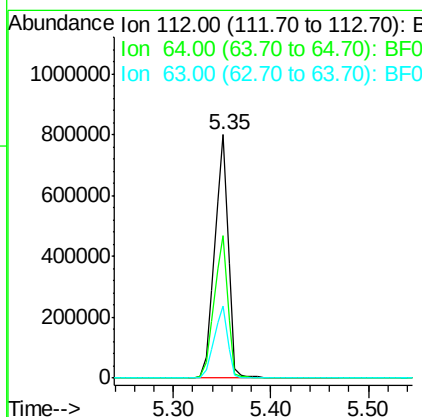
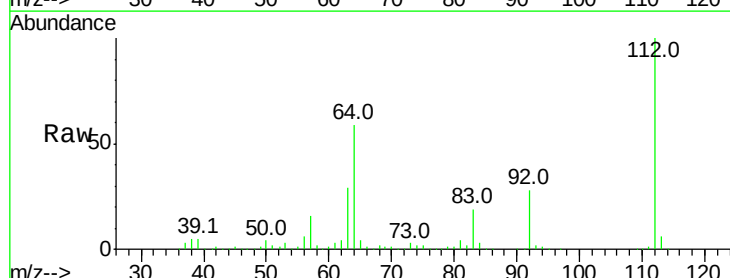
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	66.2	52.2	78.2

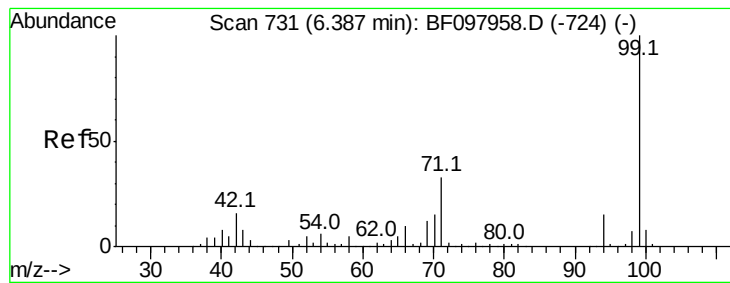


#5

2-Fluorophenol
Concen: 95.760 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098136.D
Acq: 30 Aug 2017 4:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.0	69.0
63	29.4	23.4	35.0





#7

Phenol-d6

Concen: 90.844 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098136.D

Acq: 30 Aug 2017 4:20

Instrument :

BNA_F

ClientSampleId :

SU-01-82517

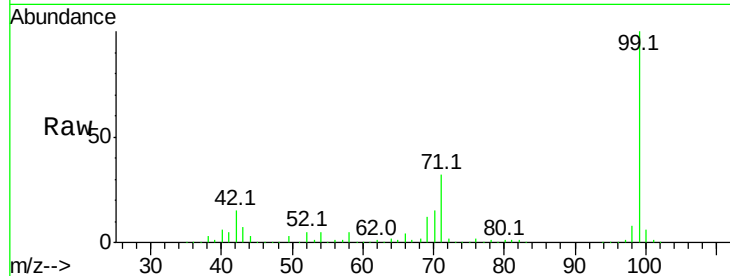
Tot Ion: 99 Resp: 999671

Ion Ratio Lower Upper

99 100

42 14.6 13.5 20.3

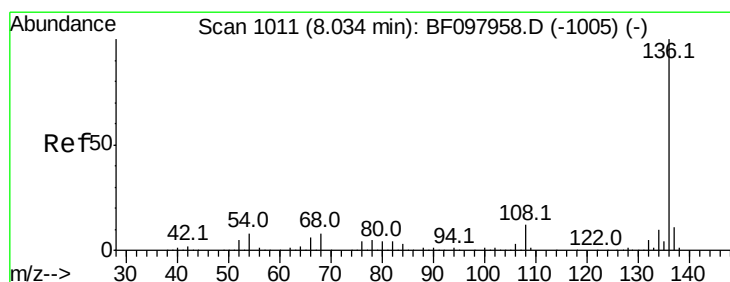
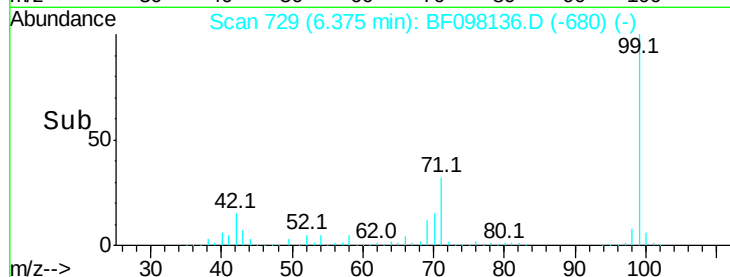
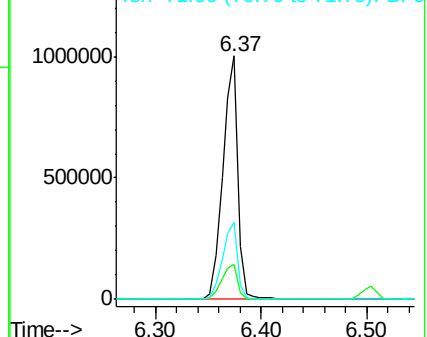
71 31.8 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098136.D

Acq: 30 Aug 2017 4:20

Tgt Ion: 136 Resp: 478151

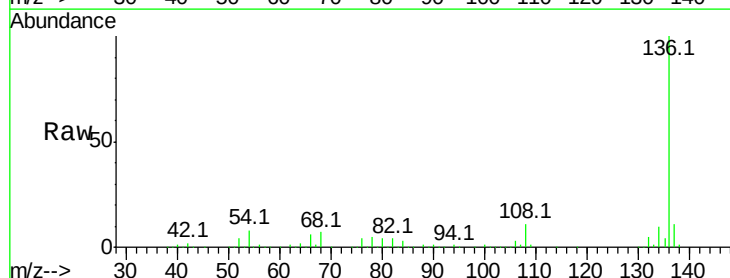
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 7.1 4.1 6.1#

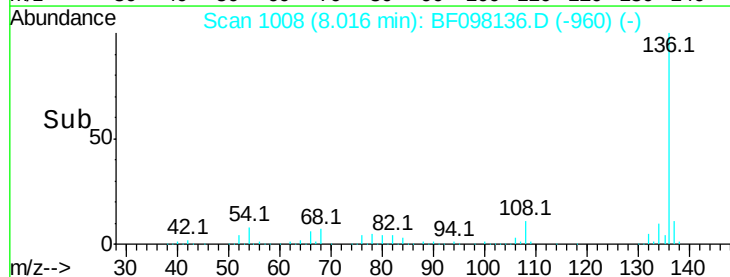
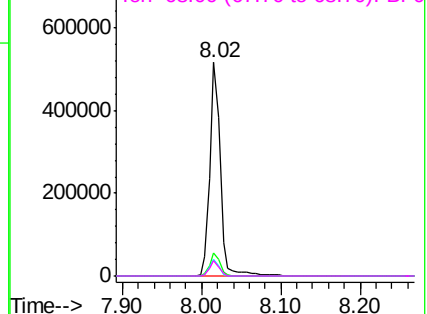


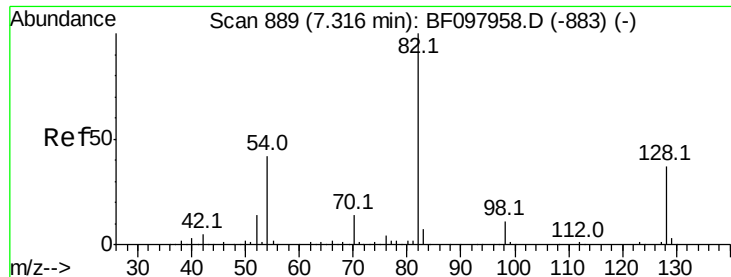
Abundance Ion 136.00 (135.70 to 136.70): E

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

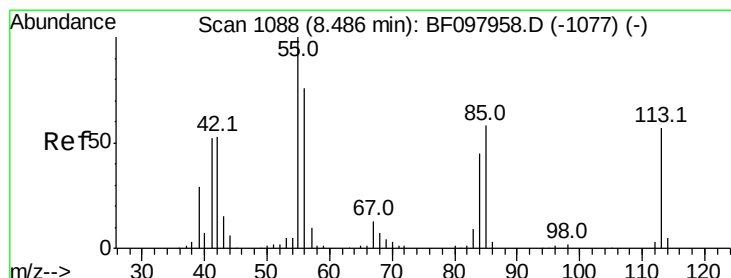
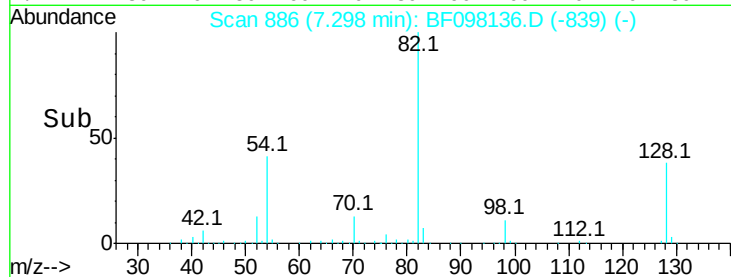
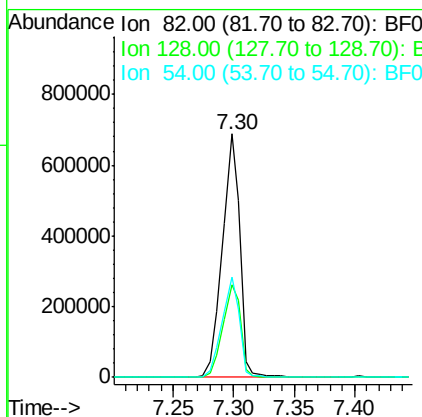
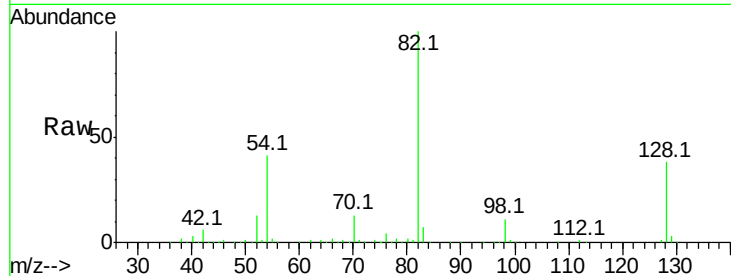




#23
 Nitrobenzene-d5
 Concen: 77.985 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098136.D
 Acq: 30 Aug 2017 4:20

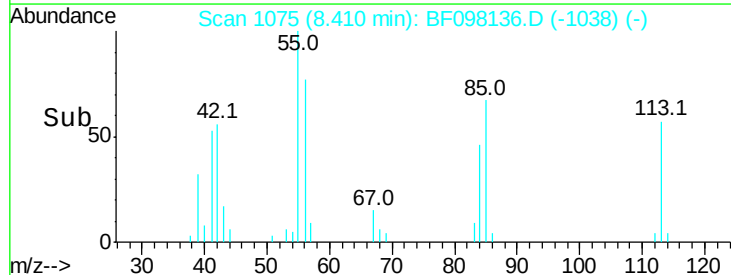
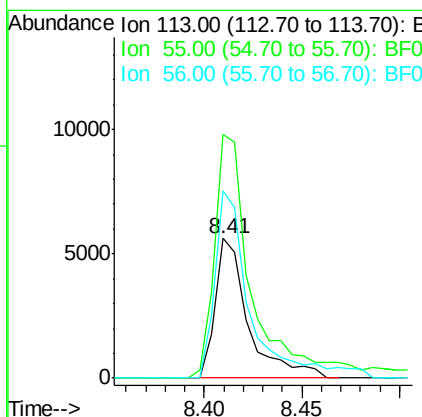
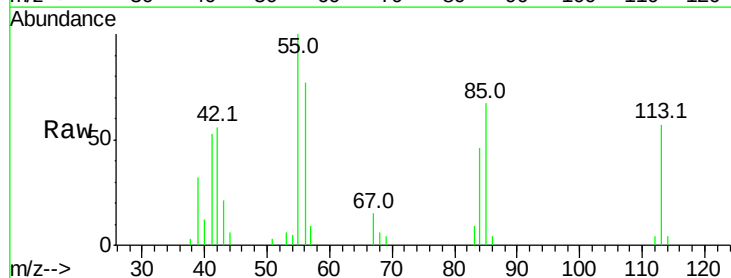
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517

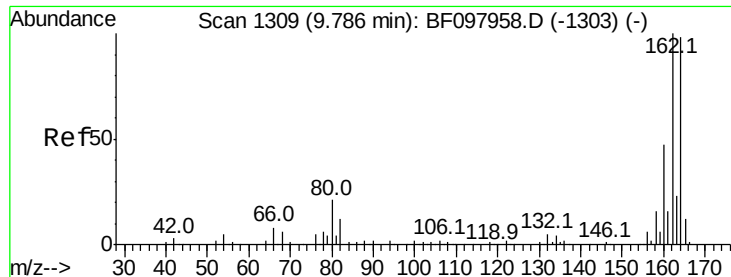
Tot Ion: 82 Resp: 686407
 Ion Ratio Lower Upper
 82 100
 128 37.9 34.0 51.0
 54 41.1 42.2 63.2#



#35
 Caprolactam
 Concen: 3.071 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.08 min
 Lab File: BF098136.D
 Acq: 30 Aug 2017 4:20

Tgt Ion: 113 Resp: 6616
 Ion Ratio Lower Upper
 113 100
 55 174.4 150.2 190.2
 56 133.7 107.8 147.8

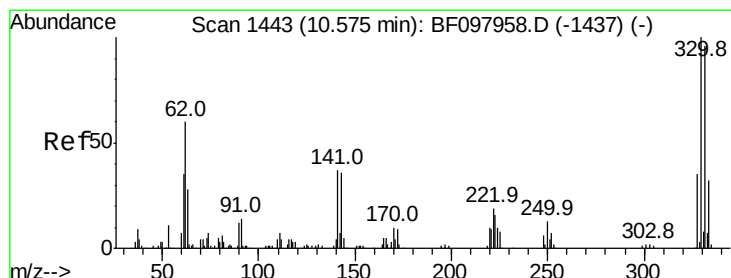
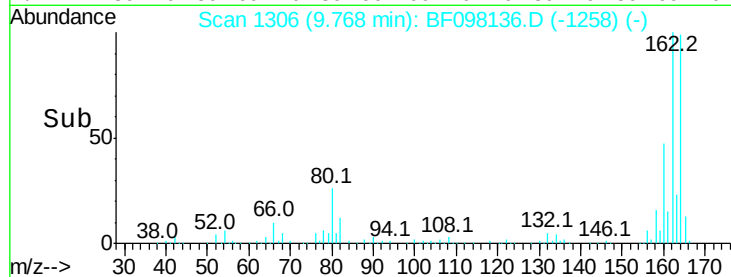
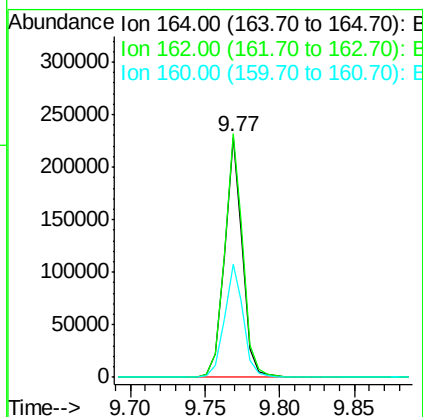
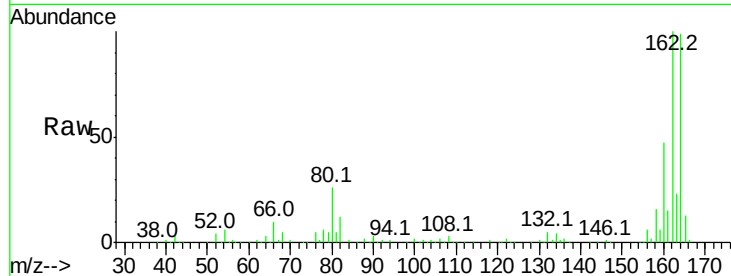




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098136.D
 Acq: 30 Aug 2017 4:20

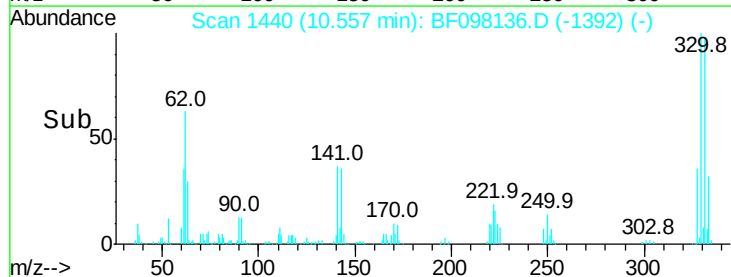
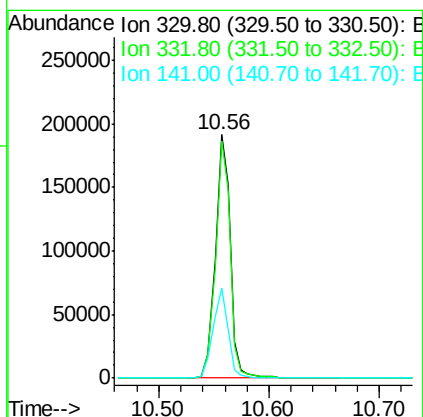
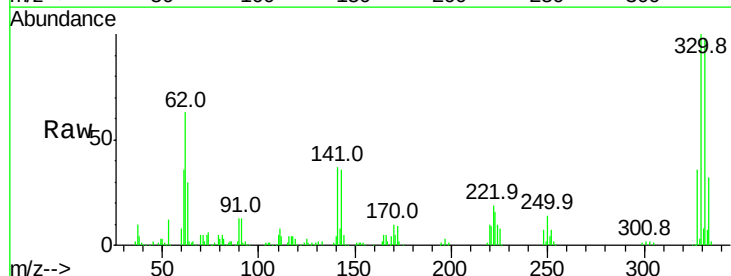
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517

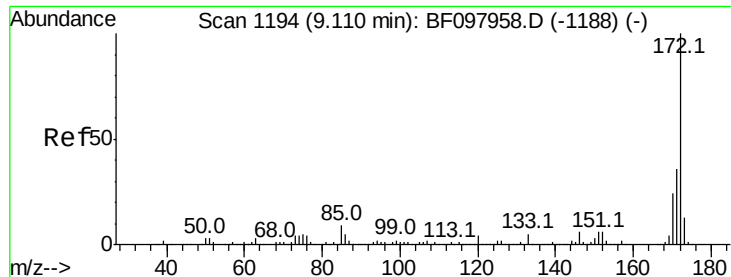
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	47.3	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 106.316 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098136.D
 Acq: 30 Aug 2017 4:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	37.5	31.4	47.2



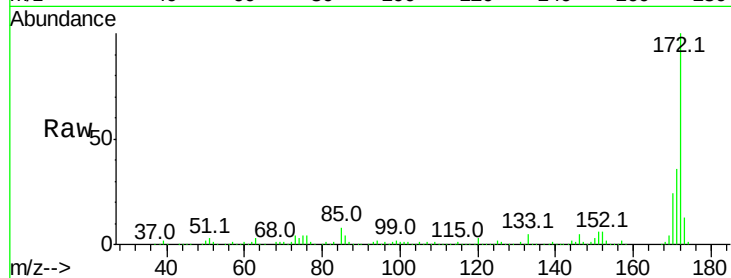


#44
 2-Fluorobiphenyl
 Concen: 79.700 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098136.D
 Acq: 30 Aug 2017 4:20

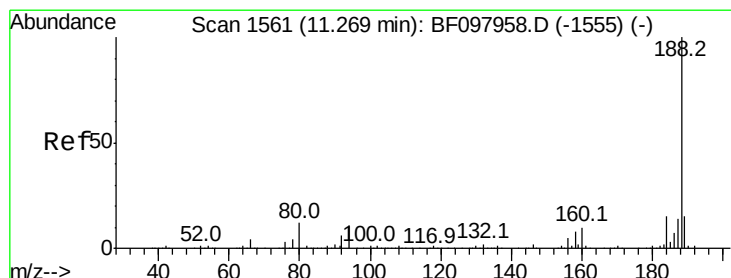
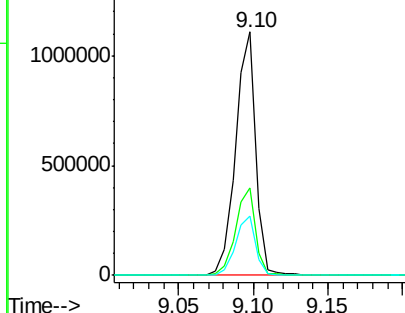
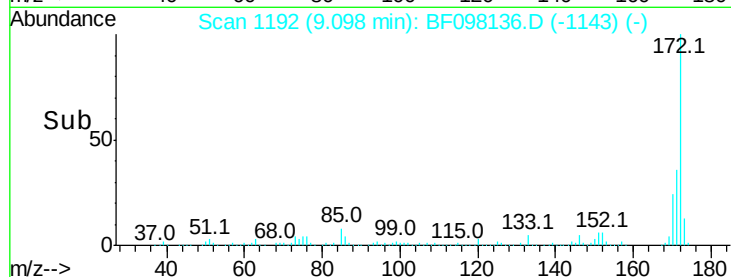
Instrument :
 BNA_F
 ClientSampled :
 SU-01-82517

Tot Ion:172 Resp: 1049092

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



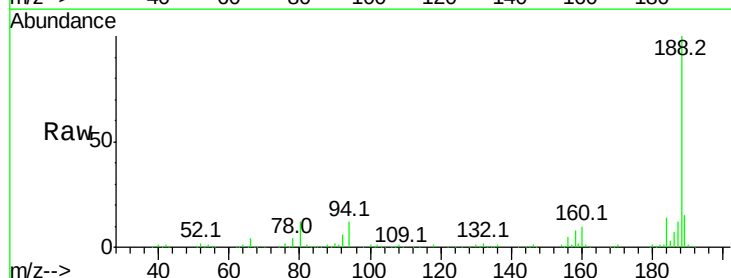
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



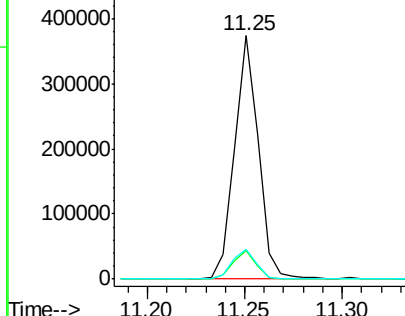
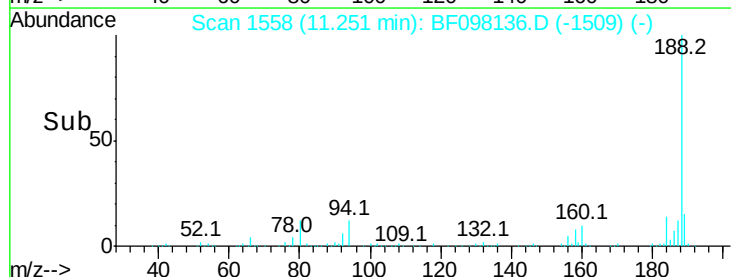
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098136.D
 Acq: 30 Aug 2017 4:20

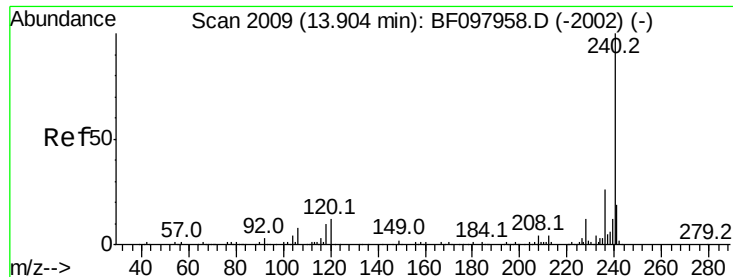
Tgt Ion:188 Resp: 316185

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.2	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: BF098136.D

Acq: 30 Aug 2017 4:20

Instrument :

BNA_F

ClientSampleId :

SU-01-82517

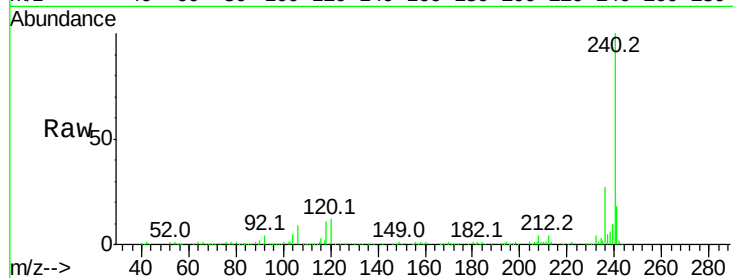
Tot Ion:240 Resp: 271296

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

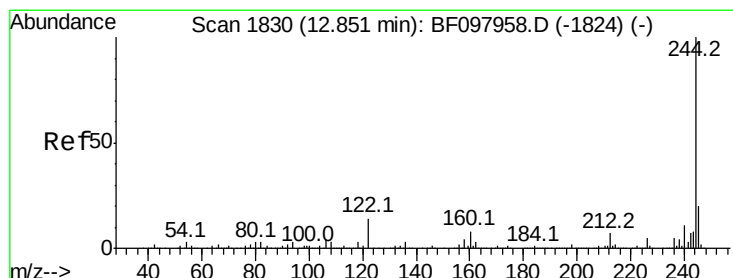
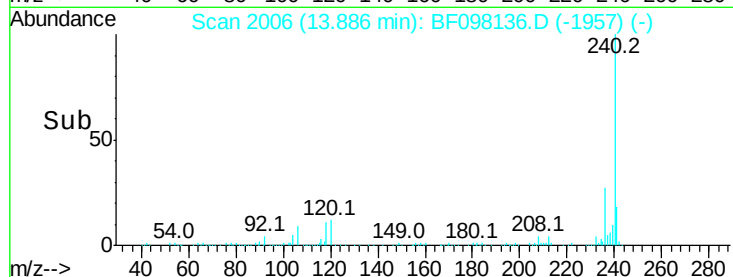
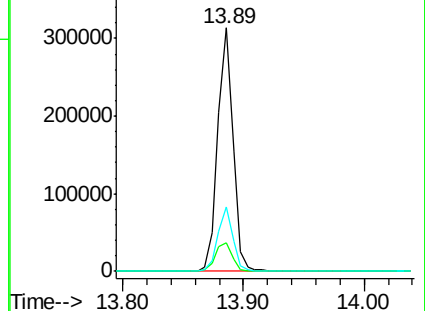
236 26.6 20.5 30.7



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: 58.894 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098136.D

Acq: 30 Aug 2017 4:20

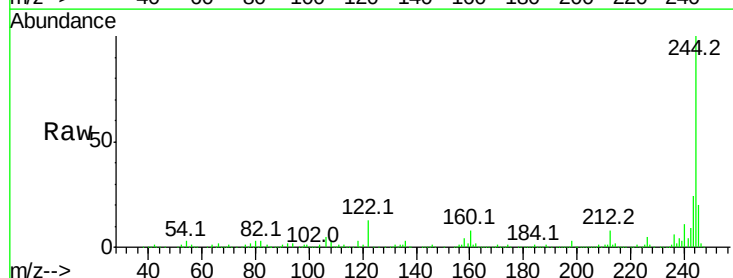
Tgt Ion:244 Resp: 766199

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

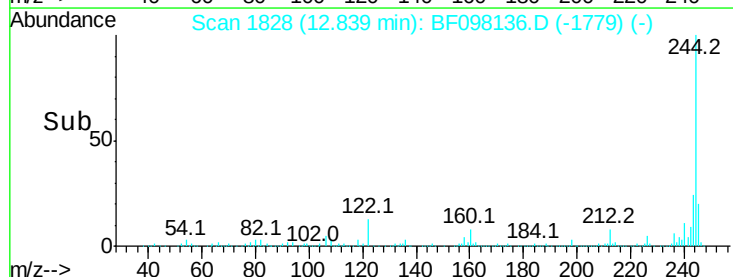
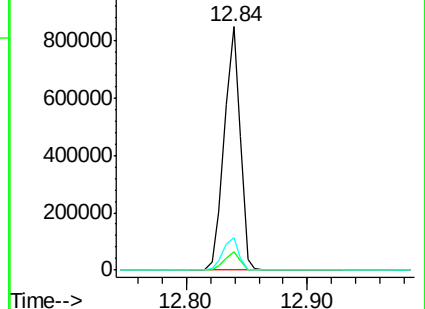
122 13.5 10.3 15.5

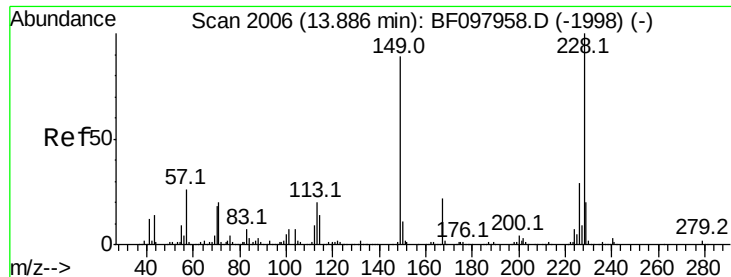


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

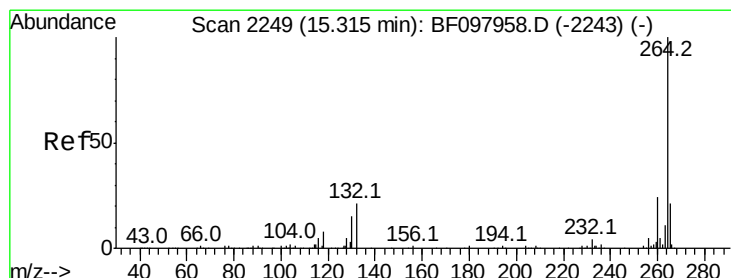
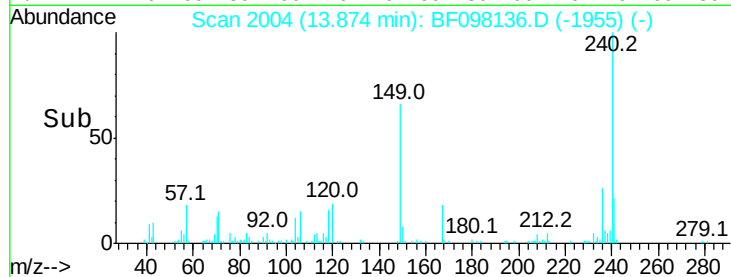
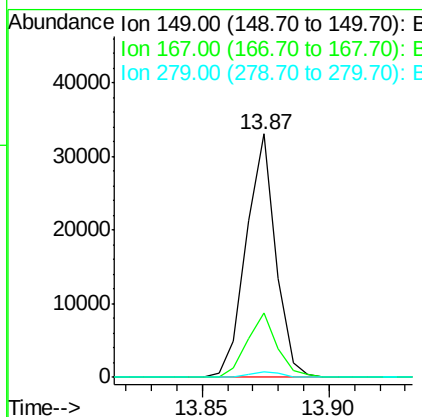
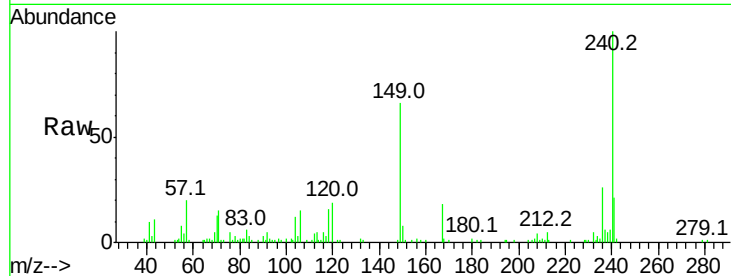




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.833 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF098136.D
 Acq: 30 Aug 2017 4:20

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517

Tot Ion:	149	Resp:	26708
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	2.2	1.9	2.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098136.D
 Acq: 30 Aug 2017 4:20

Tgt Ion:	264	Resp:	210039
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.2	17.2	25.8

