

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082140.D
 Acq On : 8 Oct 2015 21:43
 Operator : UM/IZ
 Sample : G3960-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Oct 09 06:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

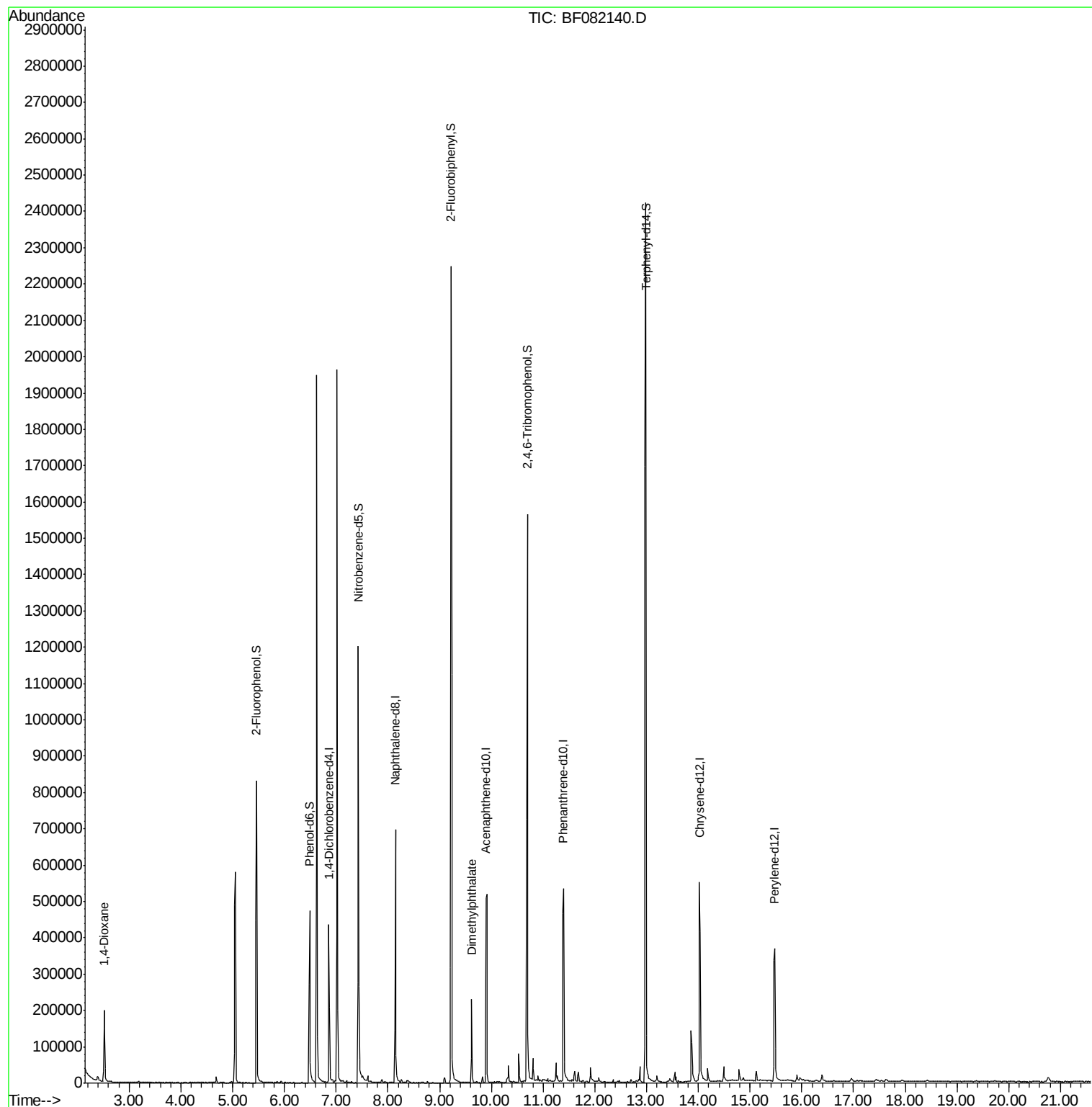
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	86898	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	354277	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	165282	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	333661	20.00	ng	0.00
75) Chrysene-d12	14.02	240	308994	20.00	ng	-0.02
86) Perylene-d12	15.48	264	237427	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	293963	61.41	ng	0.01
7) Phenol-d6	6.49	99	225031	37.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	474281	89.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	225879	134.94	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	949368	99.34	ng	-0.01
78) Terphenyl-d14	12.98	244	1075625	131.80	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.51	88	104433	50.17	ng	Qvalue 87
49) Dimethylphthalate	9.62	163	110264	9.66	ng	# 96

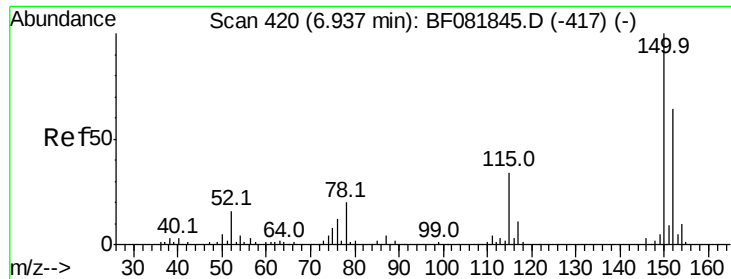
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Instrument :

BNA_F

ClientSampleId :

DUP

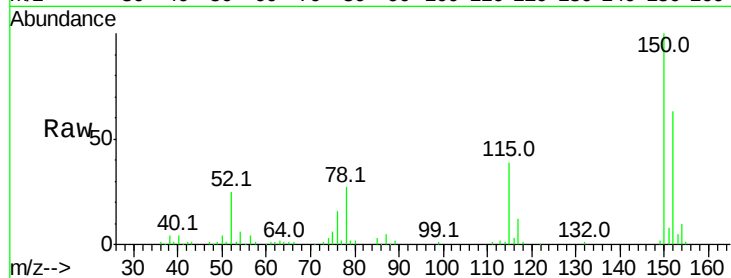
Tot Ion:152 Resp: 86898

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

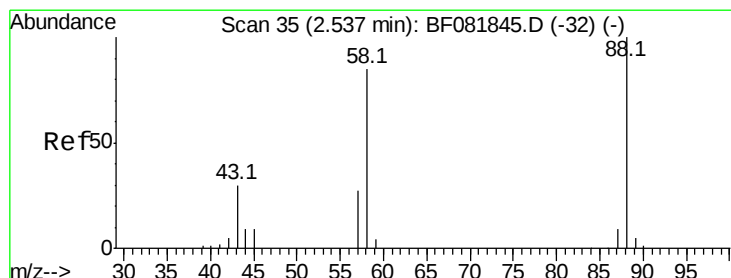
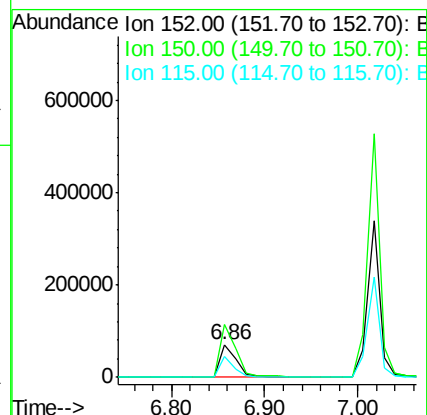
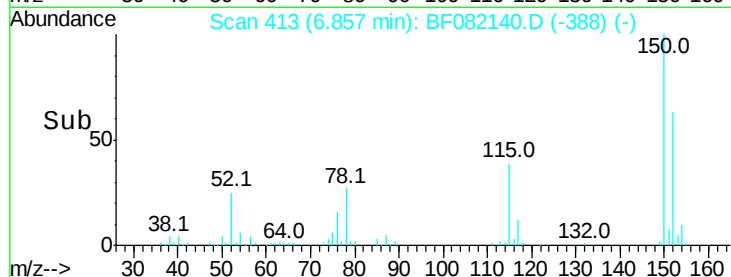
115 61.7 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 50.17 ng

RT: 2.51 min Scan# 33

Delta R.T. 0.09 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

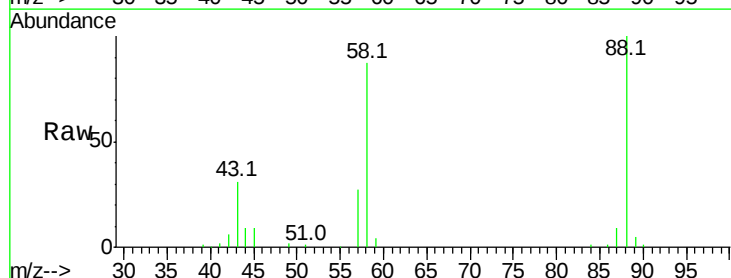
Tgt Ion: 88 Resp: 104433

Ion Ratio Lower Upper

88 100

58 82.4 77.7 116.5

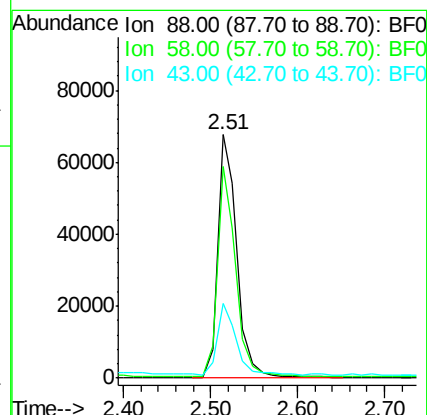
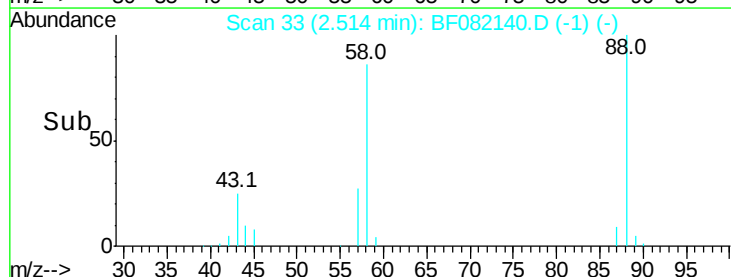
43 28.4 26.6 40.0

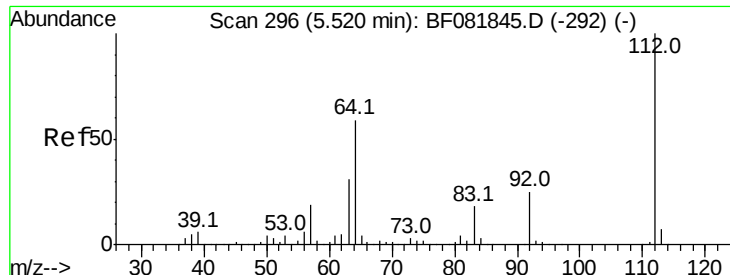


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 61.41 ng

RT: 5.46 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

Instrument :

BNA_F

ClientSampled :

DUP

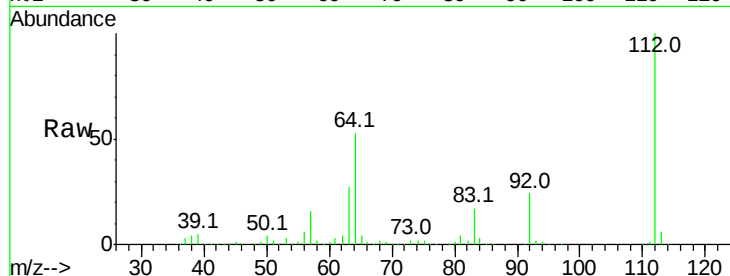
Tot Ion:112 Resp: 293963

Ion Ratio Lower Upper

112 100

64 52.9 39.7 59.5

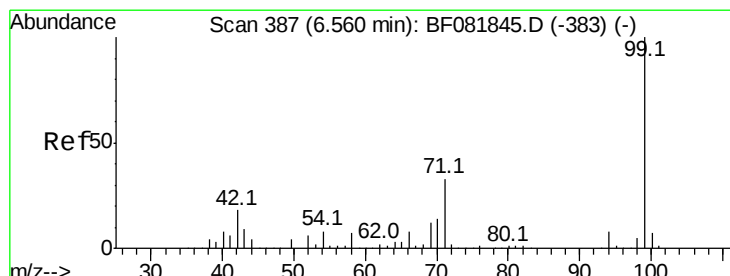
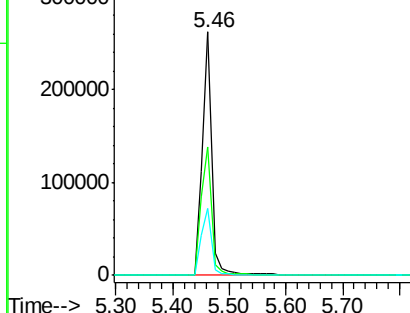
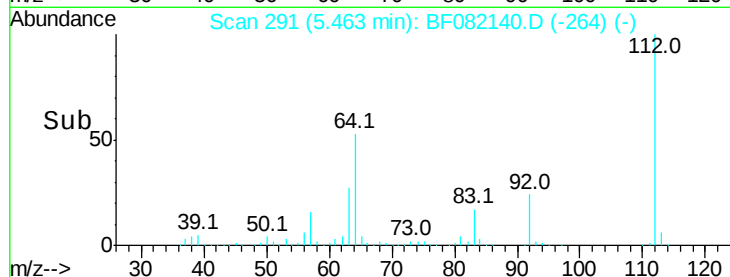
63 27.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 37.36 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082140.D

Acq: 8 Oct 2015 21:43

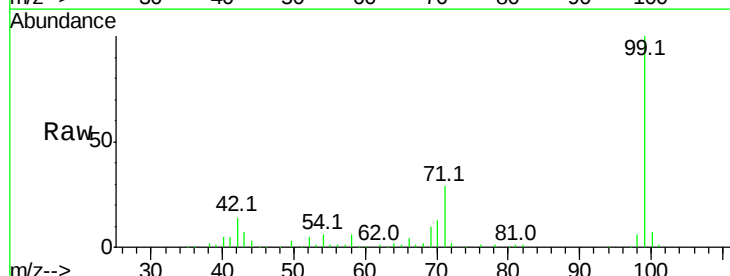
Tgt Ion: 99 Resp: 225031

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5#

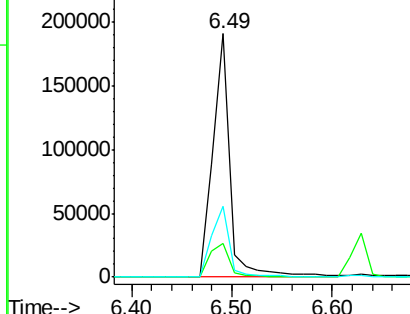
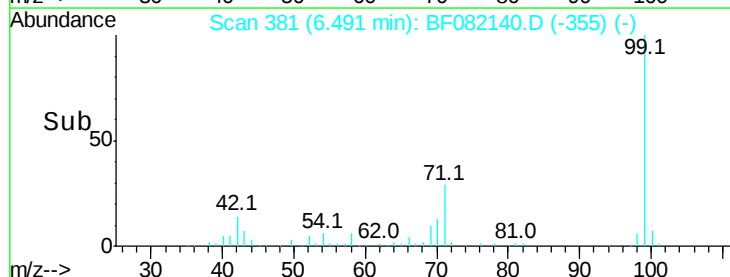
71 29.2 14.2 21.2#

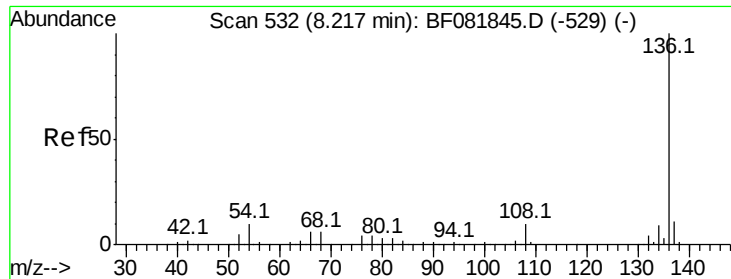


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

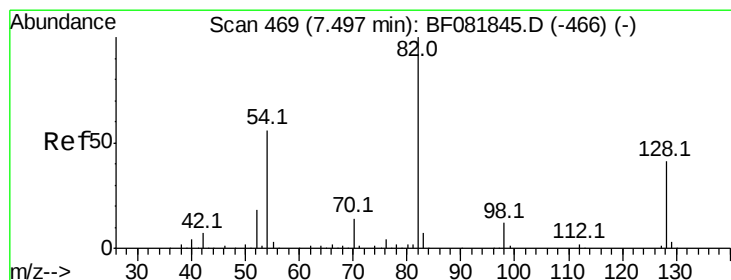
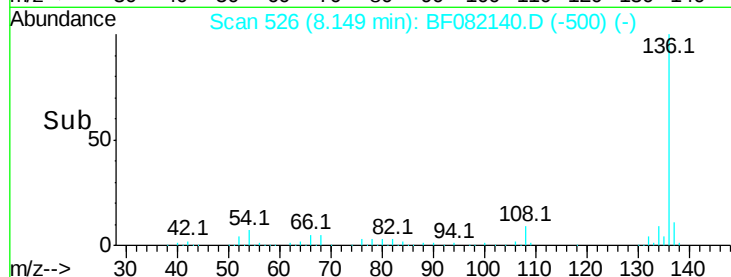
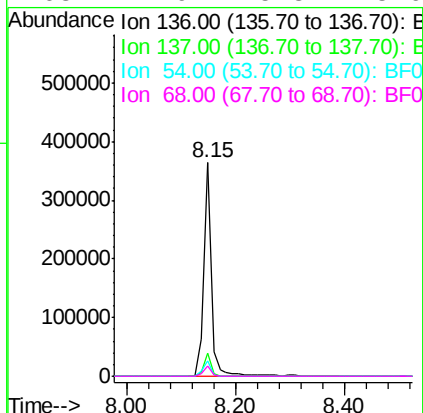
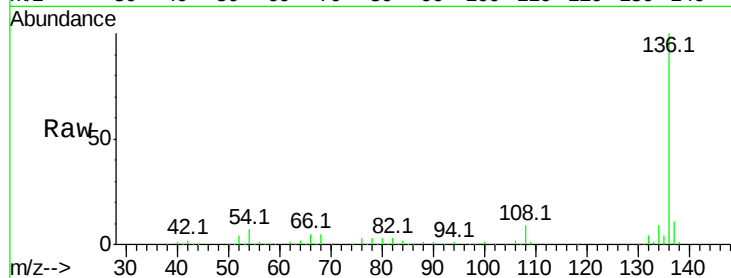




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082140.D
Acq: 8 Oct 2015 21:43

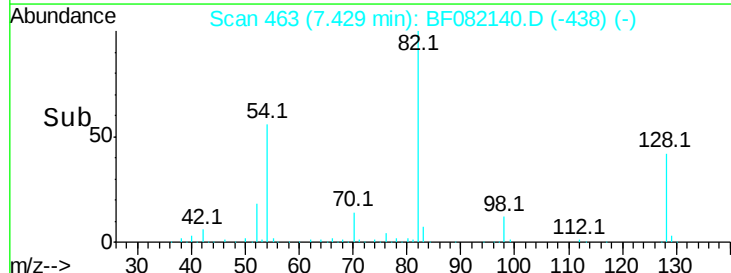
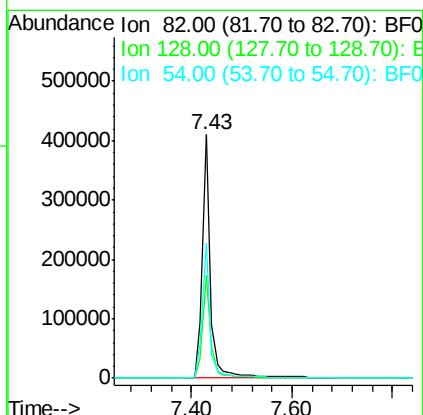
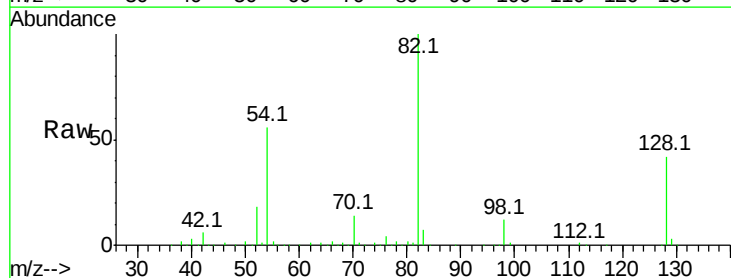
Instrument :
BNA_F
ClientSampleId :
DUP

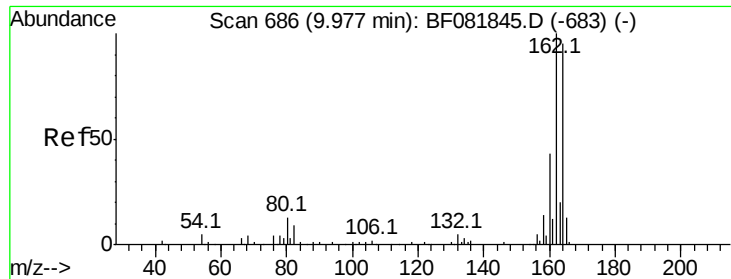
Tot Ion:	136	Resp:	354277
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.2	8.2	12.2#
68	4.9	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 89.24 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082140.D
Acq: 8 Oct 2015 21:43

Tgt Ion:	82	Resp:	474281
Ion	Ratio	Lower	Upper
82	100		
128	42.2	51.0	76.6#
54	55.5	47.5	71.3

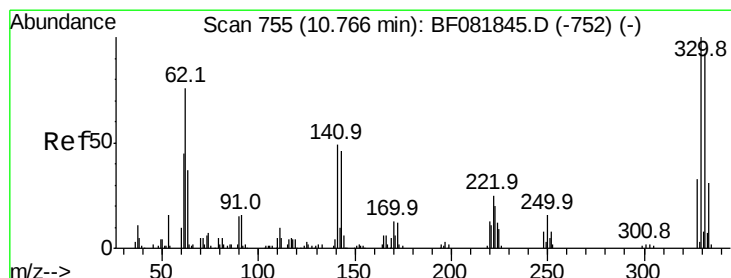
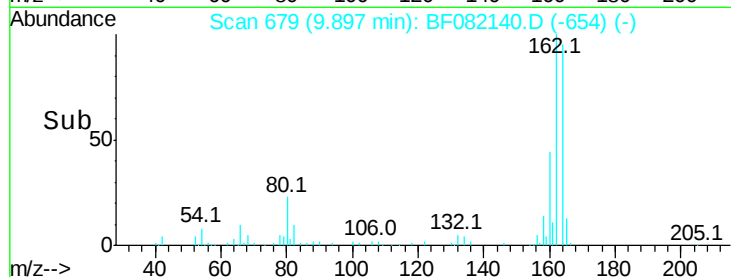
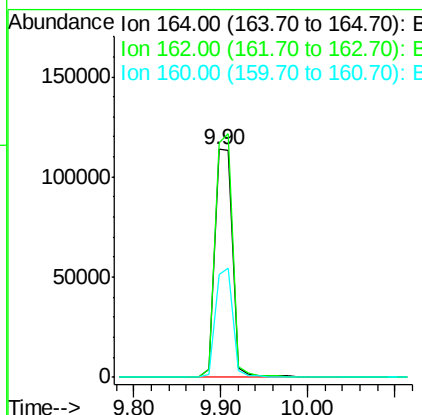
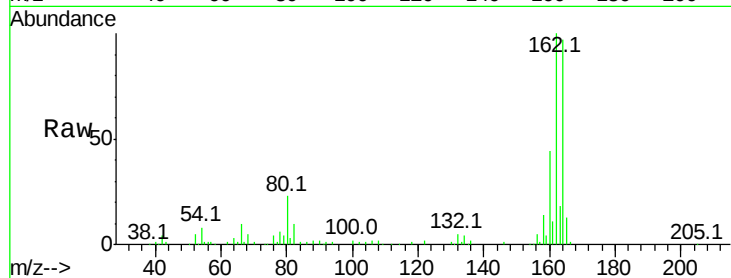




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF082140.D
Acq: 8 Oct 2015 21:43

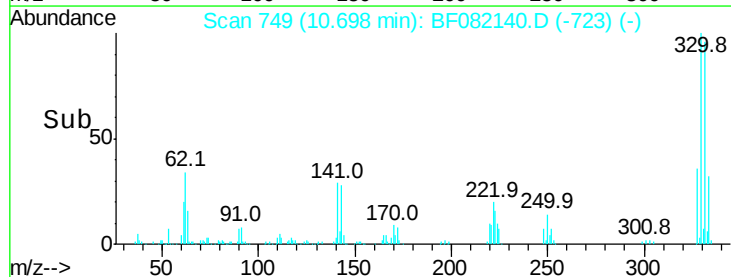
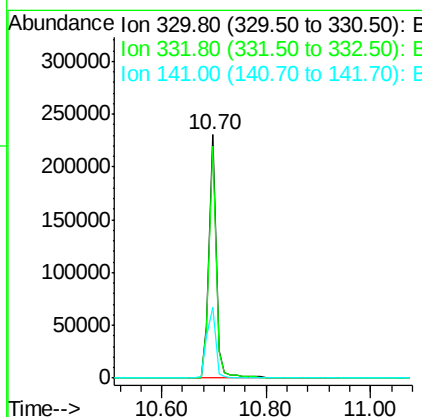
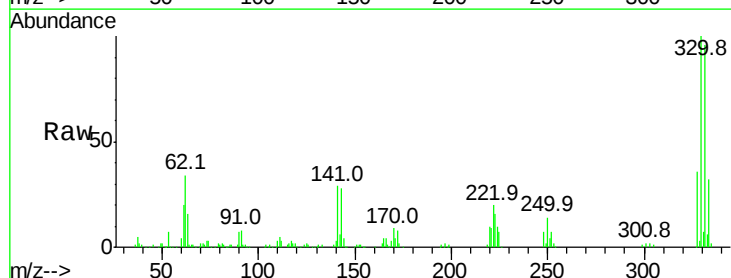
Instrument :
BNA_F
ClientSampleId :
DUP

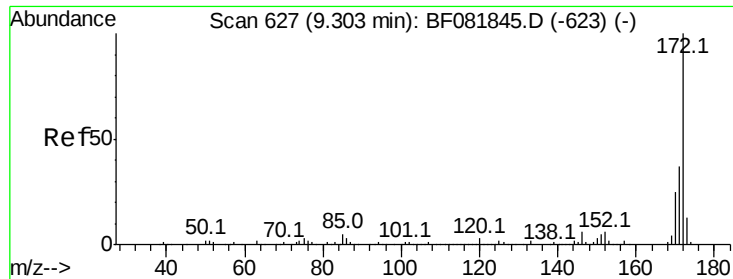
Tot Ion:164 Resp: 165282
Ion Ratio Lower Upper
164 100
162 103.0 75.2 112.8
160 45.0 31.5 47.3



#41
2,4,6-Tribromophenol
Concen: 134.94 ng
RT: 10.70 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF082140.D
Acq: 8 Oct 2015 21:43

Tgt Ion:330 Resp: 225879
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 35.3 29.7 44.5

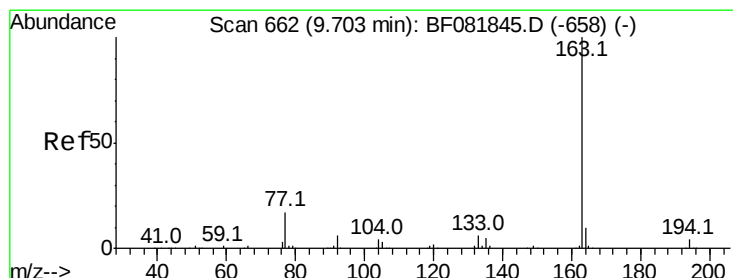
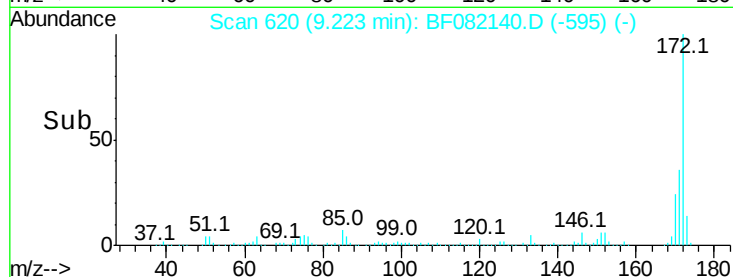
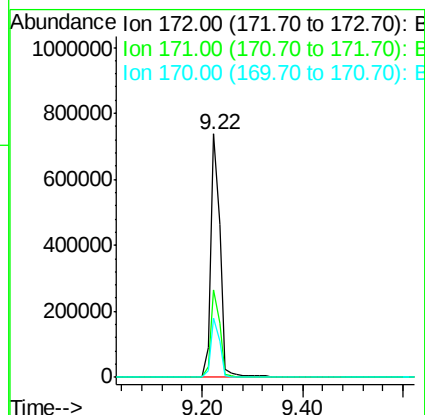
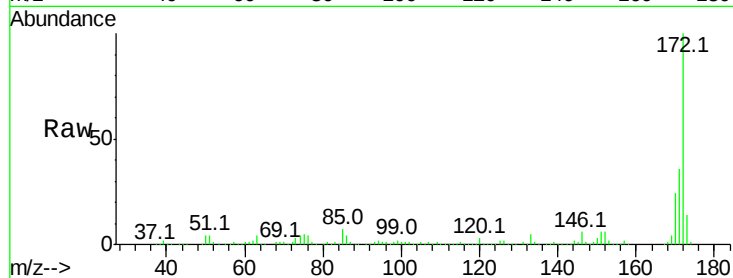




#44
 2-Fluorobiphenyl
 Concen: 99.34 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082140.D
 Acq: 8 Oct 2015 21:43

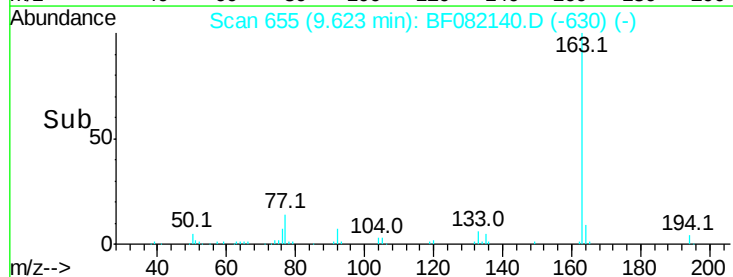
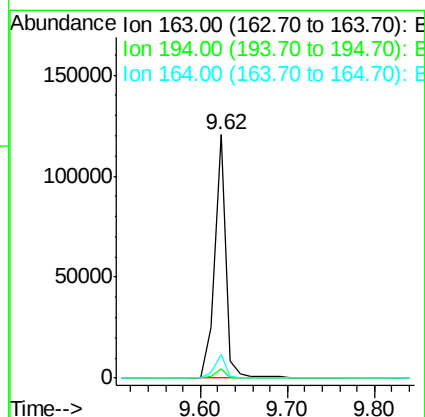
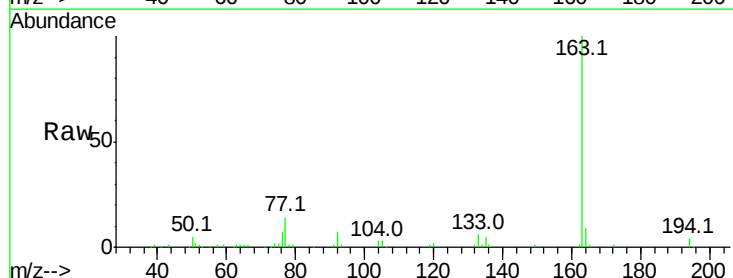
Instrument :
 BNA_F
 ClientSampled :
 DUP

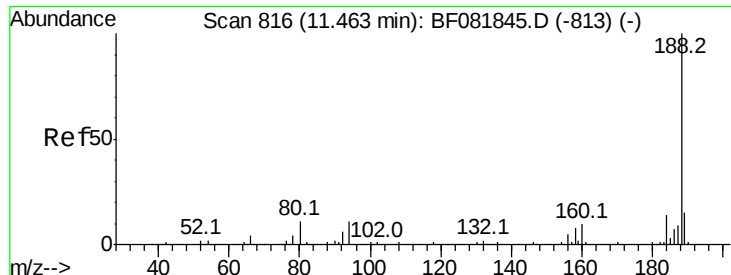
Tot Ion:172 Resp: 949368
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.2 17.4 26.2



#49
 Dimethylphthalate
 Concen: 9.66 ng
 RT: 9.62 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF082140.D
 Acq: 8 Oct 2015 21:43

Tgt Ion:163 Resp: 110264
 Ion Ratio Lower Upper
 163 100
 194 3.8 4.4 6.6#
 164 9.4 8.3 12.5

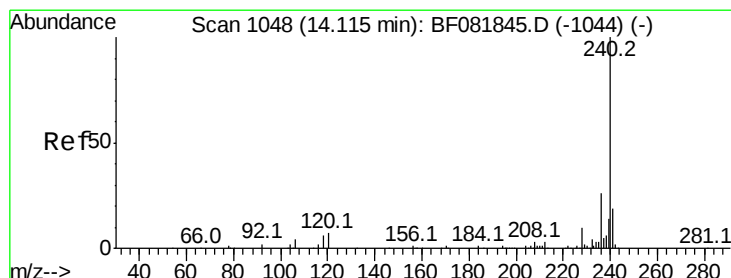
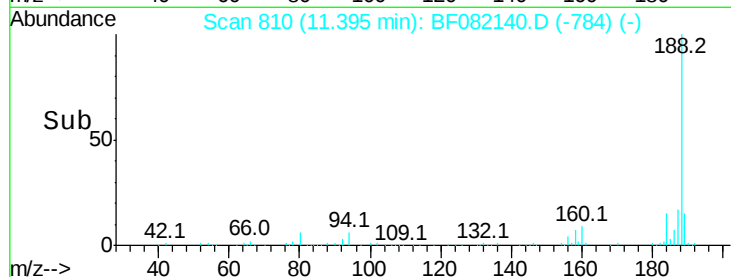
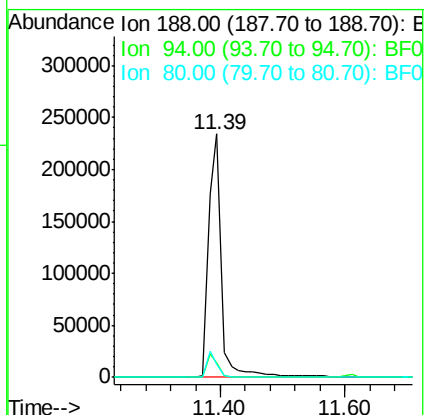
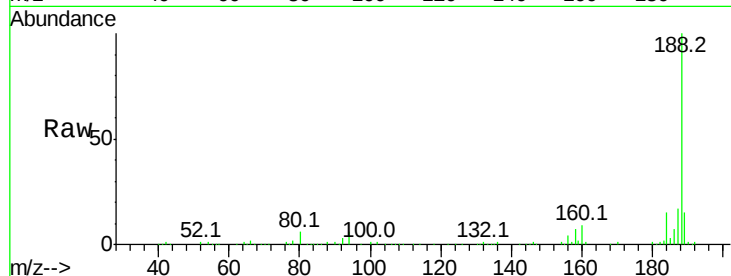




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF082140.D
Acq: 8 Oct 2015 21:43

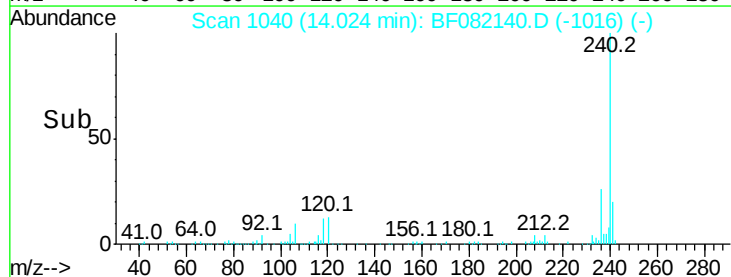
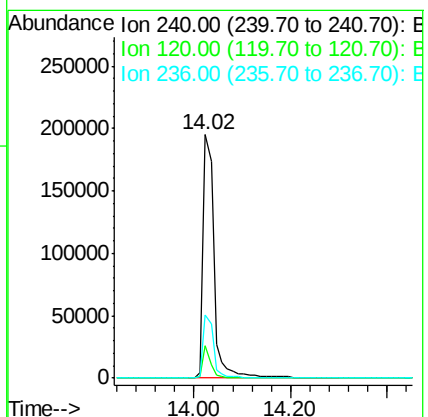
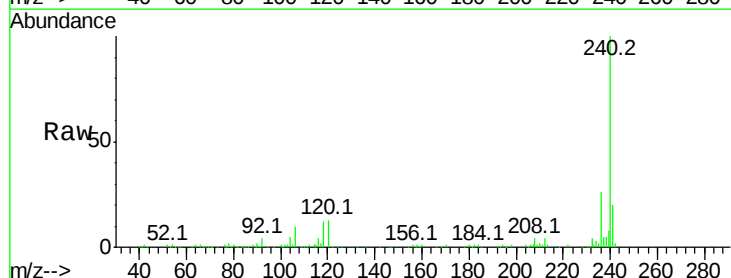
Instrument :
BNA_F
ClientSampleId :
DUP

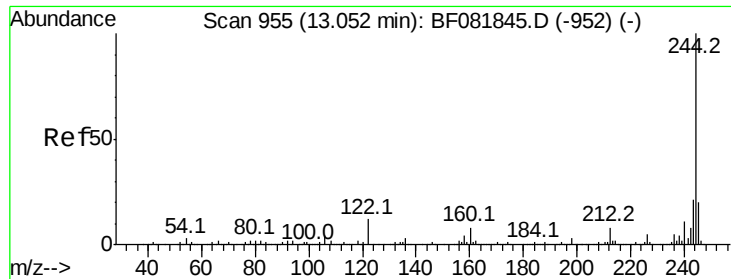
Tot Ion:188 Resp: 333661
Ion Ratio Lower Upper
188 100
94 5.9 11.1 16.7#
80 5.6 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF082140.D
Acq: 8 Oct 2015 21:43

Tgt Ion:240 Resp: 308994
Ion Ratio Lower Upper
240 100
120 13.5 16.2 24.2#
236 26.0 18.4 27.6

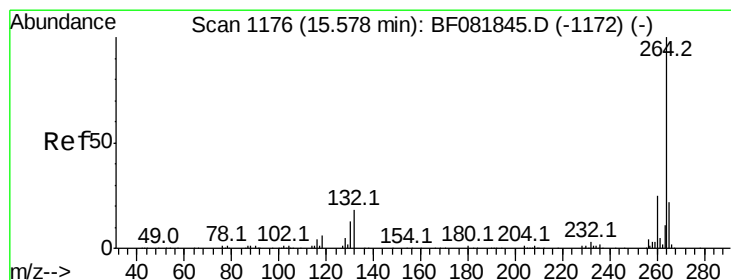
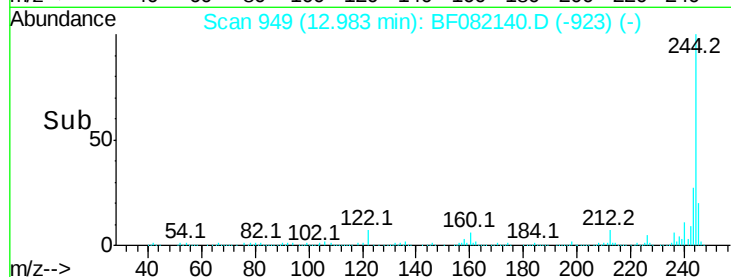
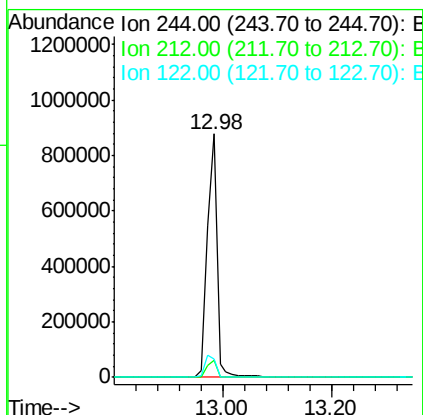
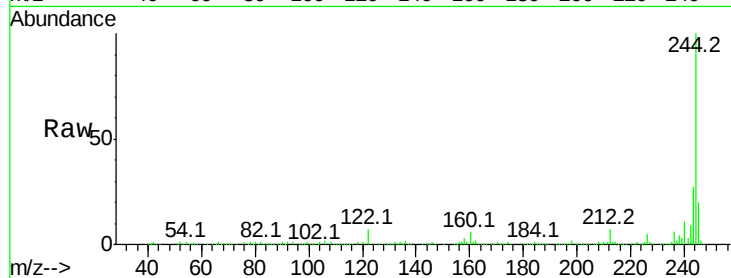




#78
 Terphenyl-d14
 Concen: 131.80 ng
 RT: 12.98 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF082140.D
 Acq: 8 Oct 2015 21:43

Instrument :
 BNA_F
 ClientSampleID :
 DUP

Tot Ion:244 Resp: 1075625
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 7.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082140.D
 Acq: 8 Oct 2015 21:43

Tgt Ion:264 Resp: 237427
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.3 17.2 25.8

