

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084964.D
 Acq On : 9 Feb 2016 20:53
 Operator : SJ/IZ
 Sample : H1311-15DL 25X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)DL

Quant Time: Feb 10 06:20:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

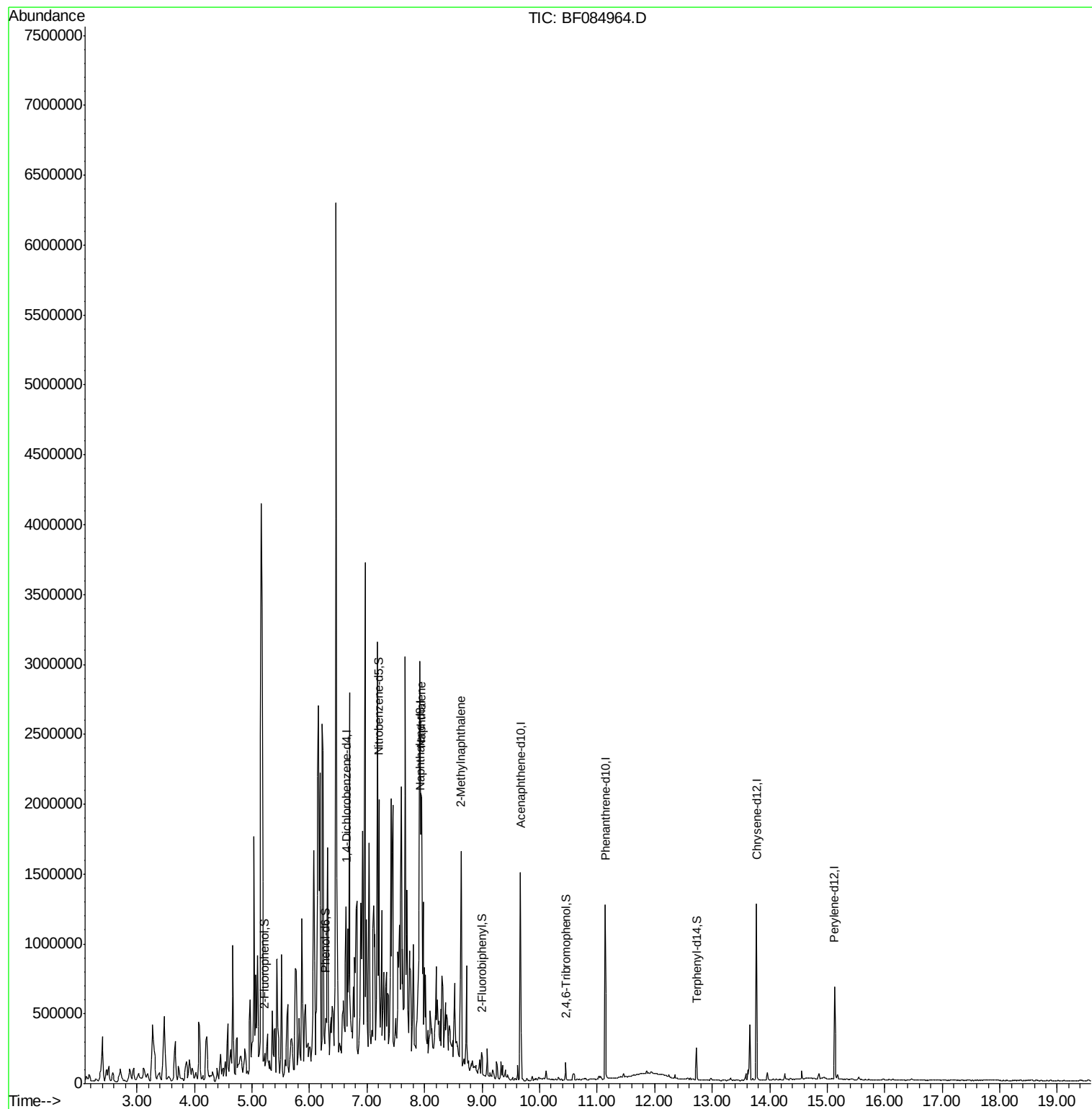
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	150042	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	560587	20.00	ng	-0.05
38) Acenaphthene-d10	9.66	164	289657	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	525728	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	421248	20.00	ng	-0.07
86) Perylene-d12	15.13	264	294575	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	55217	5.73	ng	-0.06
7) Phenol-d6	6.28	99	70075	5.87	ng	-0.06
23) Nitrobenzene-d5	7.21	82	49934	5.02	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	16118	5.33	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	73854	2.24	ng	-0.06
78) Terphenyl-d14	12.73	244	76064	4.09	ng	-0.07
Target Compounds						
31) Naphthalene	7.94	128	924017	32.86	ng	98
37) 2-Methylnaphthalene	8.64	142	447006	25.40	ng	98

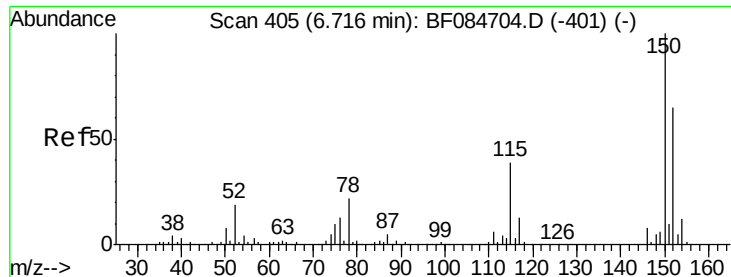
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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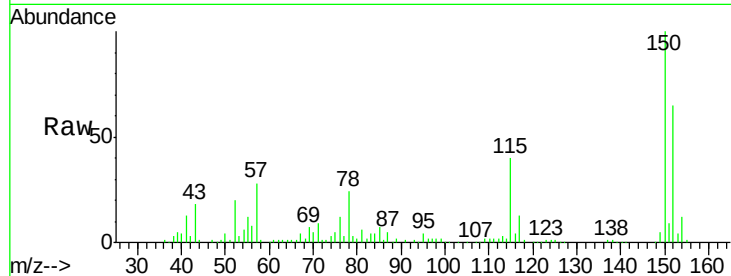


#1

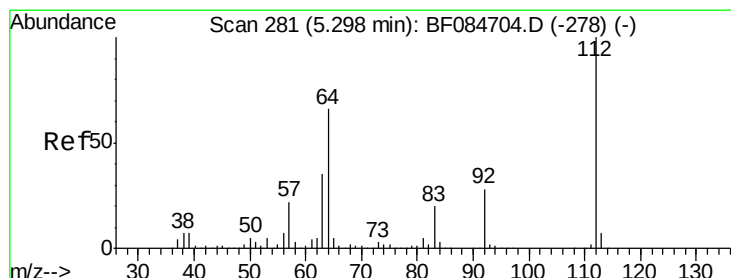
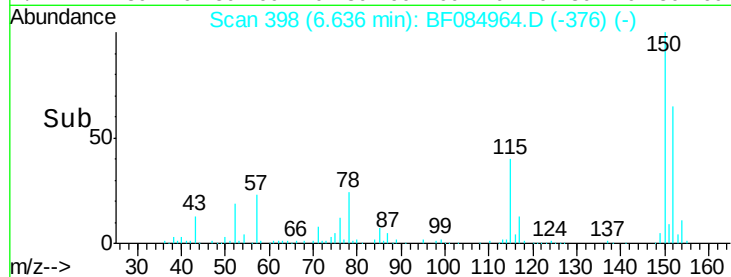
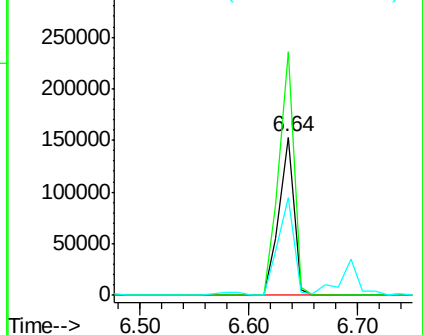
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 398
 Delta R.T. -0.05 min
 Lab File: BF084964.D
 Acq: 9 Feb 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)DL

Tot Ion:152 Resp: 150042
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.0 184.4
 115 62.2 51.4 77.2



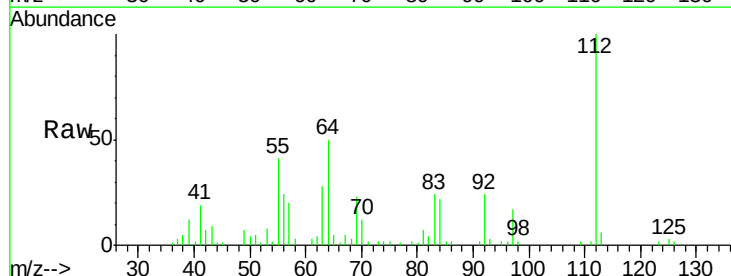
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



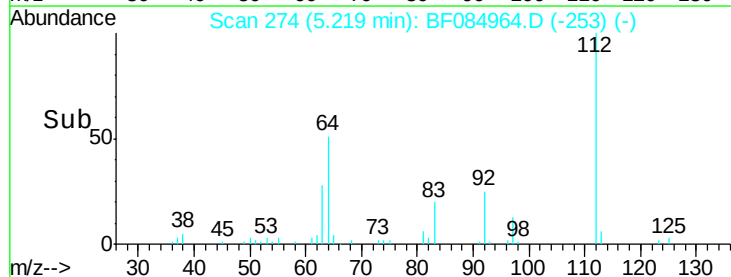
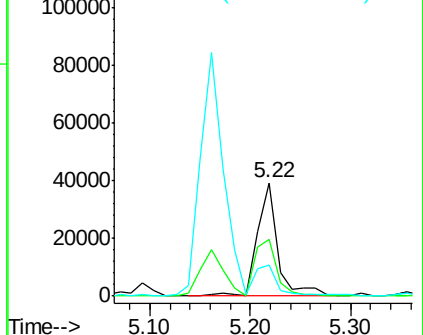
#5

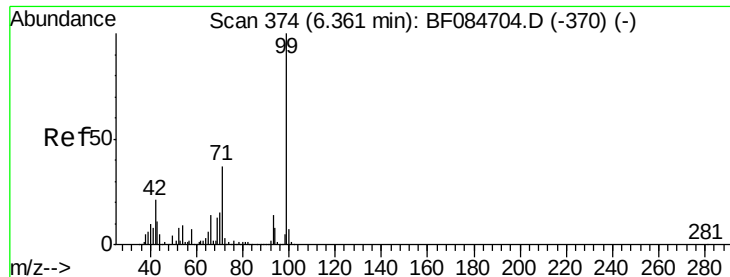
2-Fluorophenol
 Concen: 5.73 ng
 RT: 5.22 min Scan# 274
 Delta R.T. -0.06 min
 Lab File: BF084964.D
 Acq: 9 Feb 2016 20:53

Tgt Ion:112 Resp: 55217
 Ion Ratio Lower Upper
 112 100
 64 50.2 36.6 55.0
 63 27.8 19.4 29.0



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: 5.87 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.06 min

Lab File: BF084964.D

Acq: 9 Feb 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SUP-B008(25-27)DL

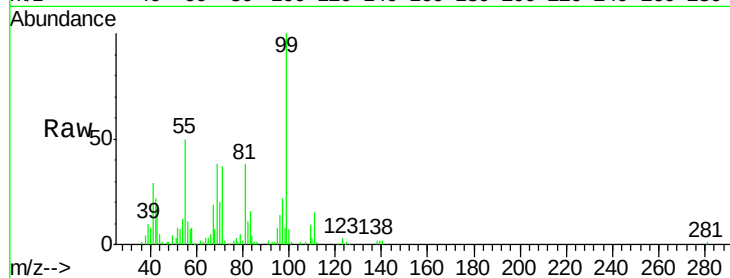
Tot Ion: 99 Resp: 70075

Ion Ratio Lower Upper

99 100

42 21.9 12.8 19.2#

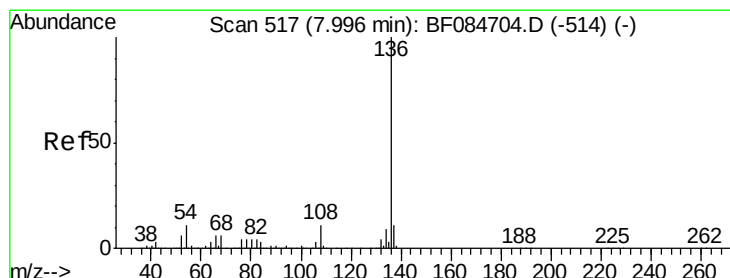
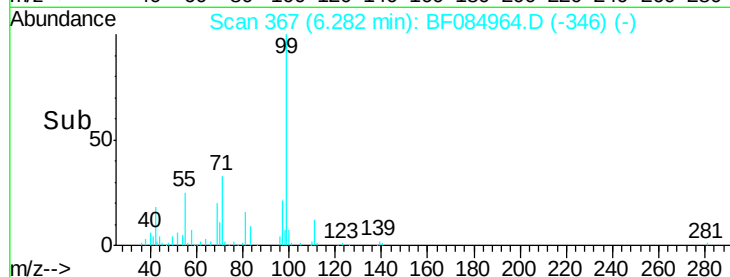
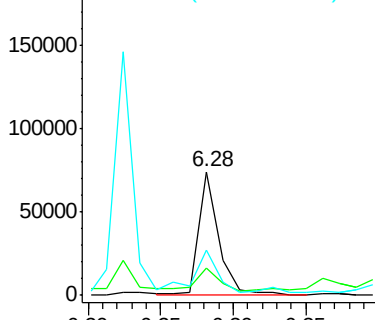
71 36.7 30.9 46.3



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# 511

Delta R.T. -0.05 min

Lab File: BF084964.D

Acq: 9 Feb 2016 20:53

Tgt Ion: 136 Resp: 560587

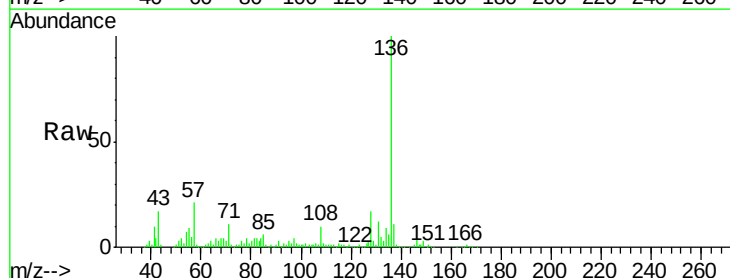
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.8 5.8 8.8

68 4.1 4.2 6.2#

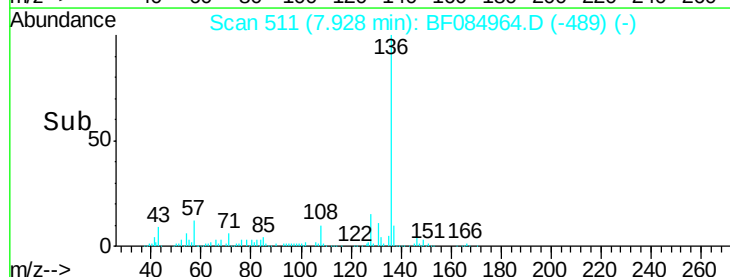
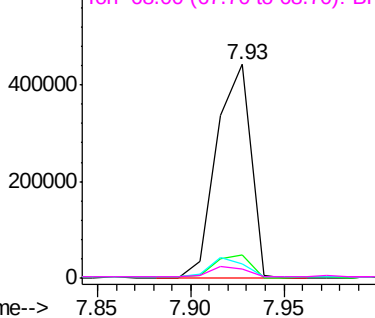


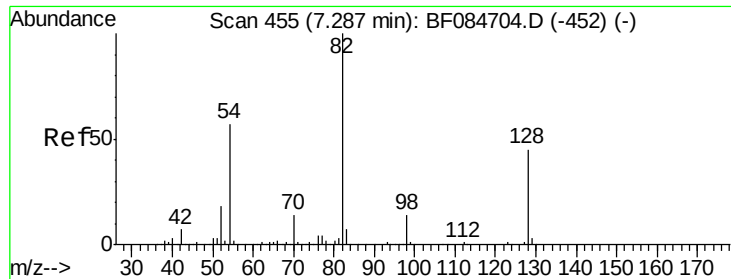
Abundance Ion 136.00 (135.70 to 136.70): E

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

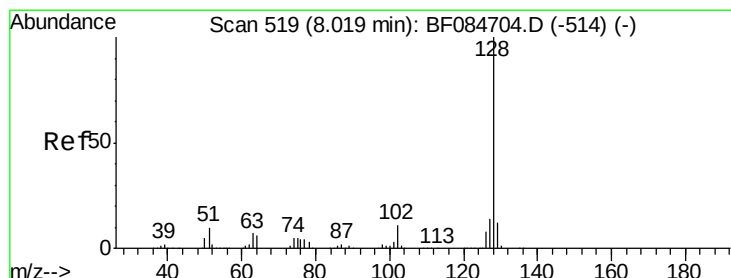
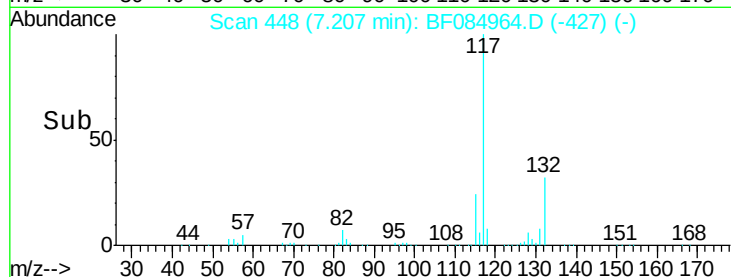
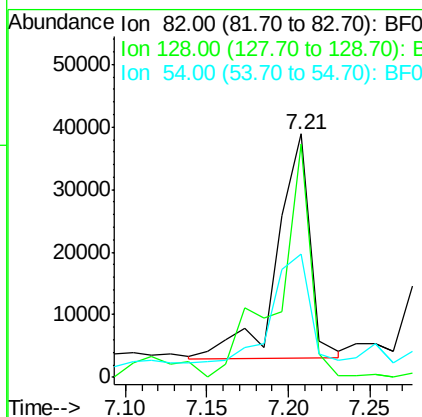
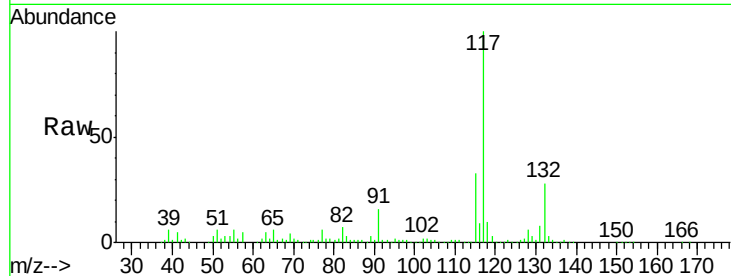




#23
 Nitrobenzene-d5
 Concen: 5.02 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084964.D
 Acq: 9 Feb 2016 20:53

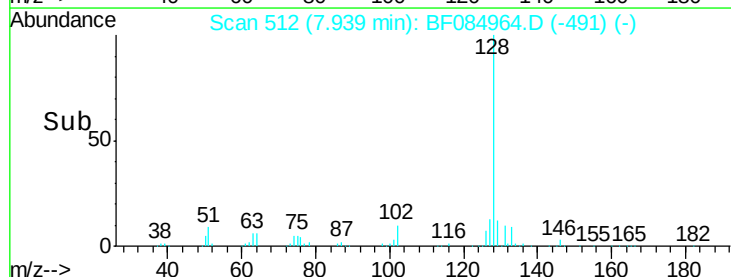
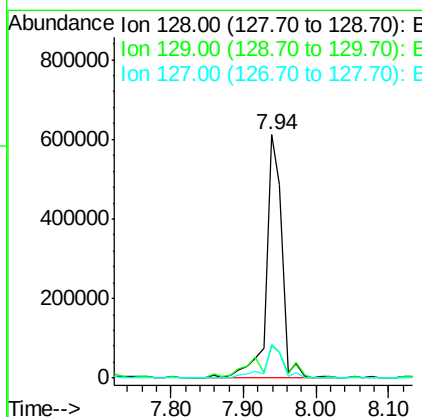
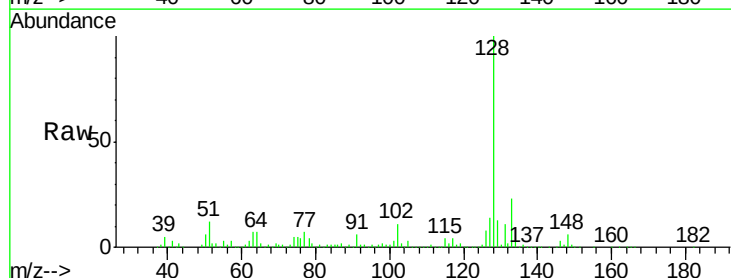
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)DL

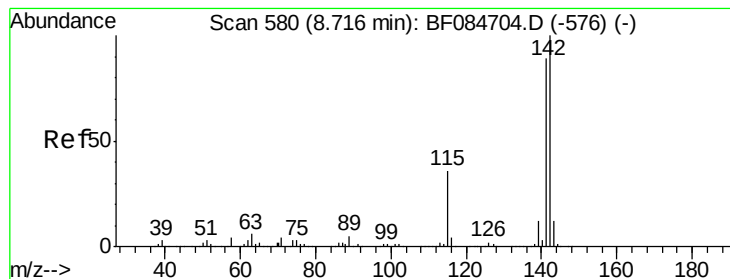
Tot Ion: 82 Resp: 49934
 Ion Ratio Lower Upper
 82 100
 128 95.6 34.6 51.8#
 54 50.5 38.4 57.6



#31
 Naphthalene
 Concen: 32.86 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.06 min
 Lab File: BF084964.D
 Acq: 9 Feb 2016 20:53

Tgt Ion: 128 Resp: 924017
 Ion Ratio Lower Upper
 128 100
 129 13.1 9.1 13.7
 127 13.8 11.1 16.7





#37

2-Methylnaphthalene

Concen: 25.40 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.06 min

Lab File: BF084964.D

Acq: 9 Feb 2016 20:53

Instrument :

BNA_F

ClientSampleId :

SUP-B008(25-27)DL

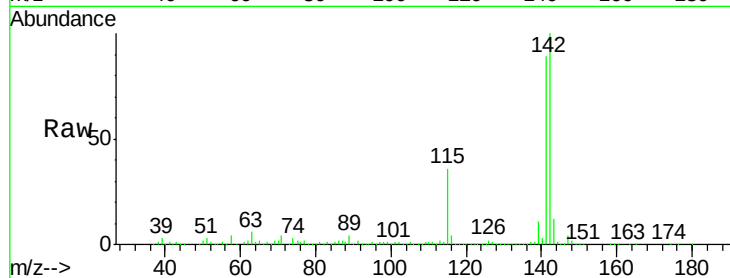
Tot Ion:142 Resp: 447006

Ion Ratio Lower Upper

142 100

141 88.8 72.4 108.6

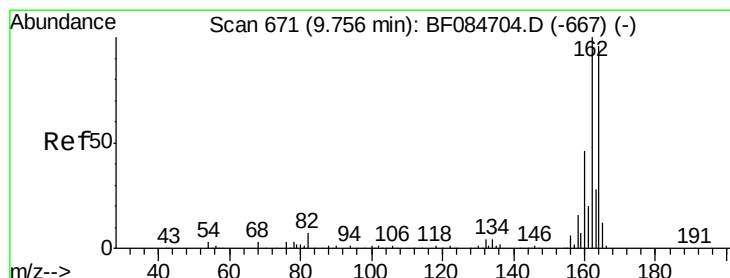
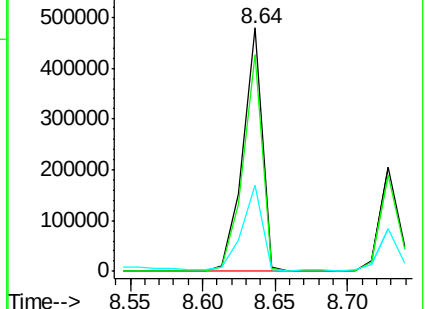
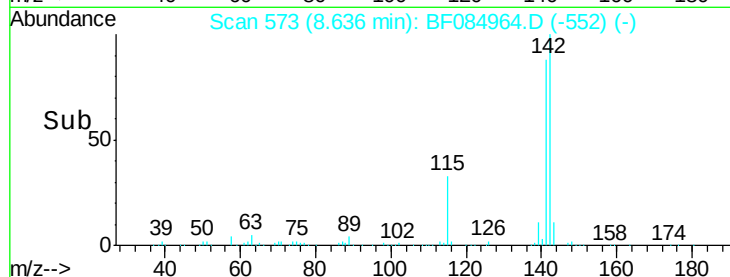
115 35.5 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084964.D

Acq: 9 Feb 2016 20:53

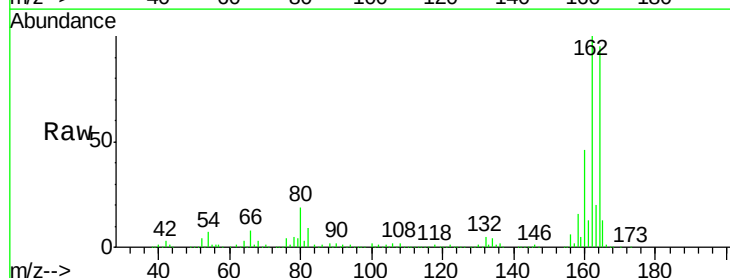
Tgt Ion:164 Resp: 289657

Ion Ratio Lower Upper

164 100

162 104.9 85.1 127.7

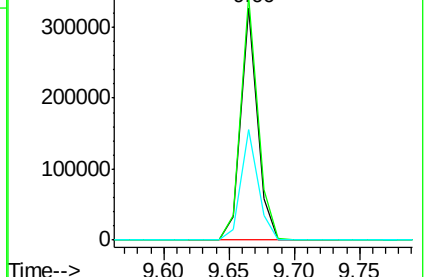
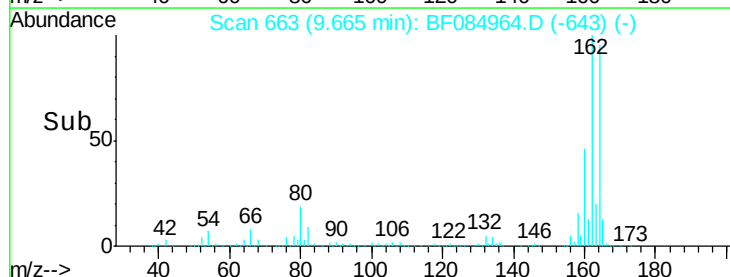
160 47.8 37.5 56.3

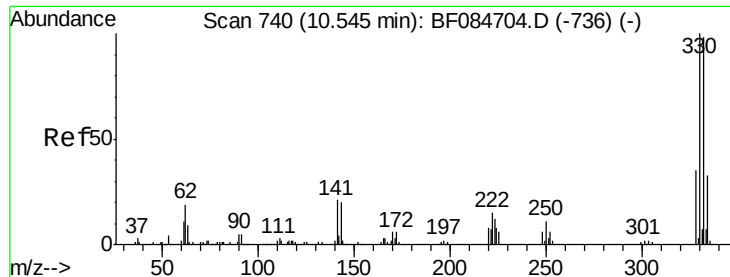


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

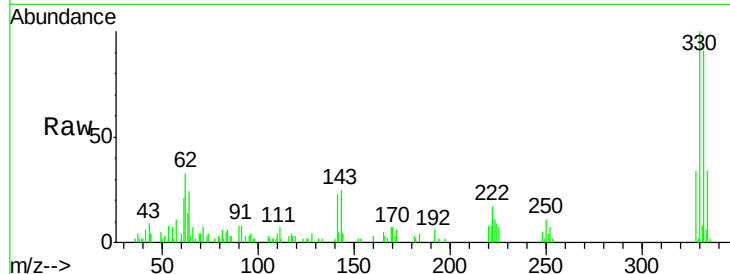




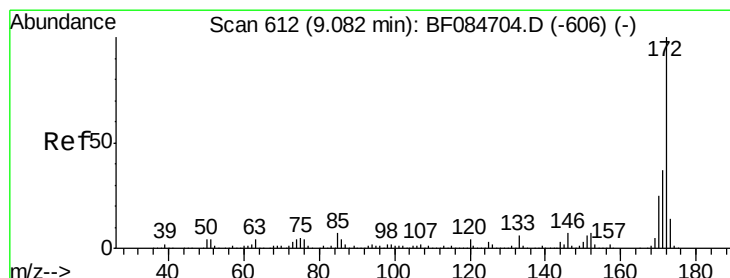
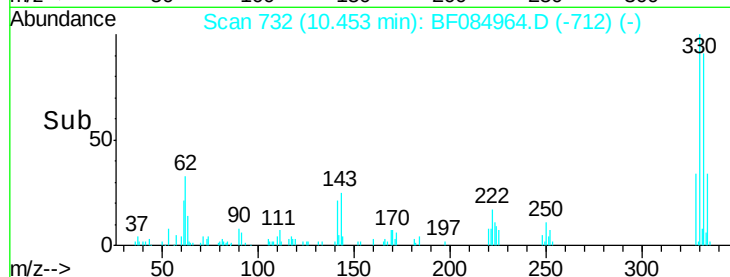
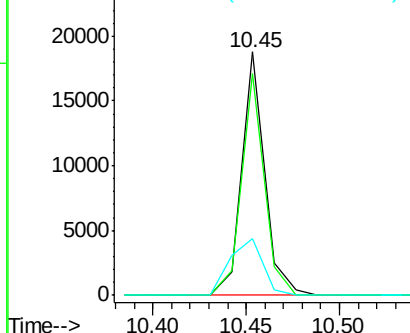
#41
 2,4,6-Tribromophenol
 Concen: 5.33 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084964.D
 Acq: 9 Feb 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.7	76.6	114.8
141	33.5	27.8	41.6

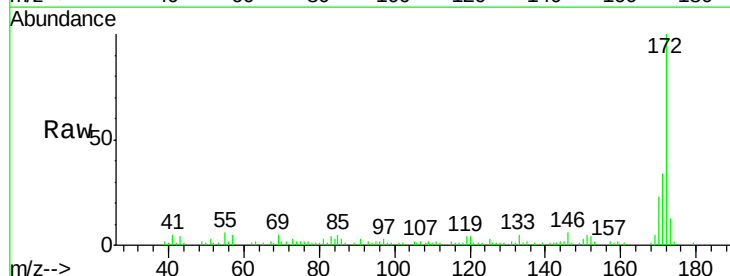


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

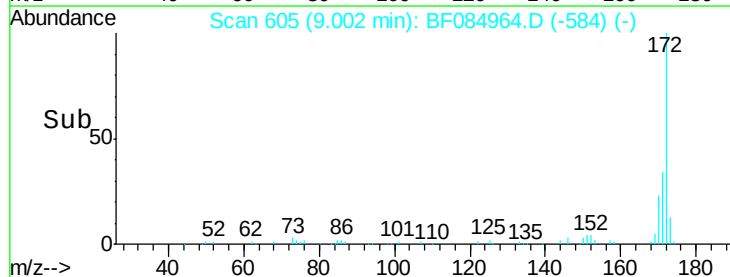
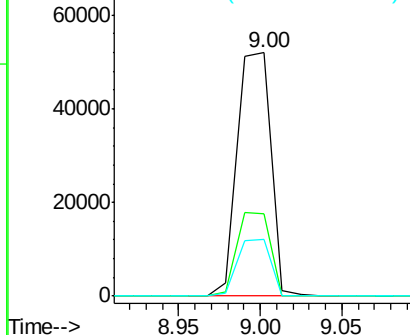


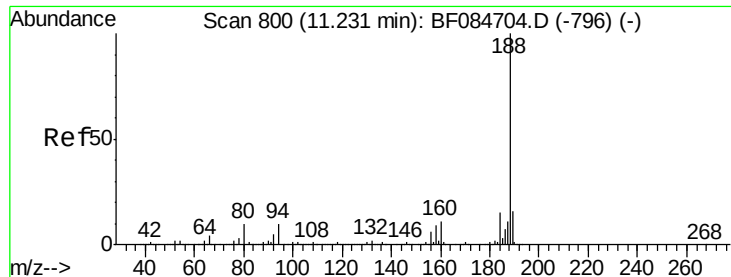
#44
 2-Fluorobiphenyl
 Concen: 2.24 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084964.D
 Acq: 9 Feb 2016 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.9	43.3
170	23.1	18.6	27.8



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

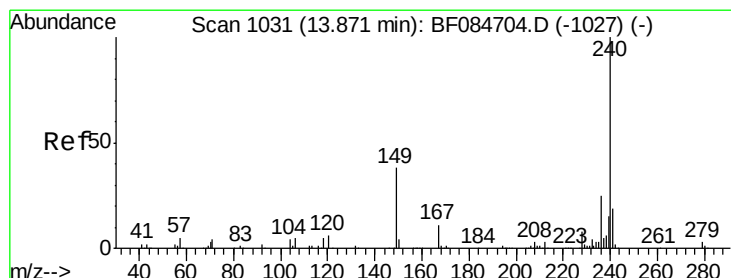
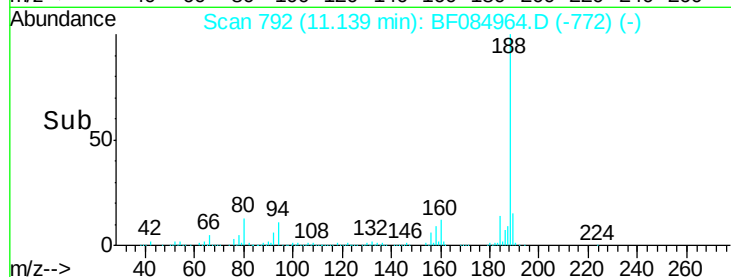
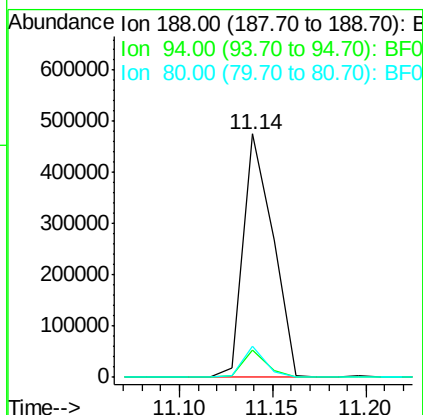
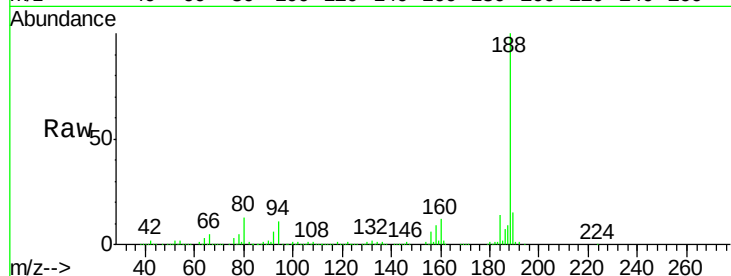




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.07 min
Lab File: BF084964.D
Acq: 9 Feb 2016 20:53

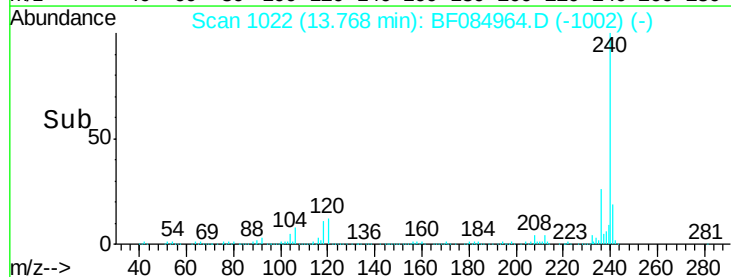
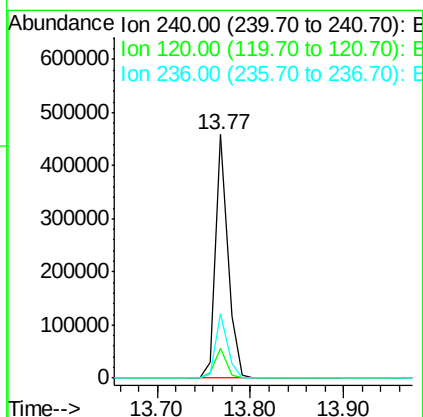
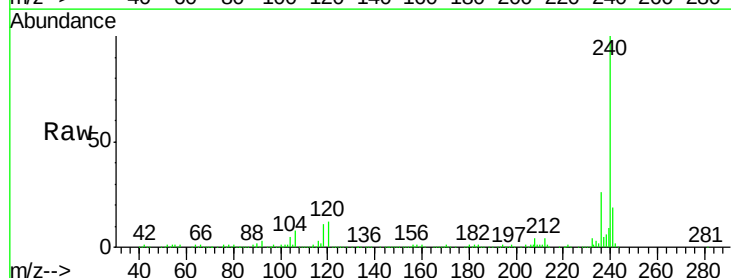
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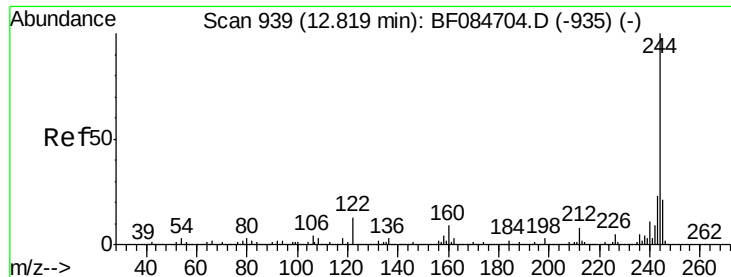
Tot Ion:188 Resp: 525728
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.4
80 12.7 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF084964.D
Acq: 9 Feb 2016 20:53

Tgt Ion:240 Resp: 421248
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 26.3 20.6 31.0

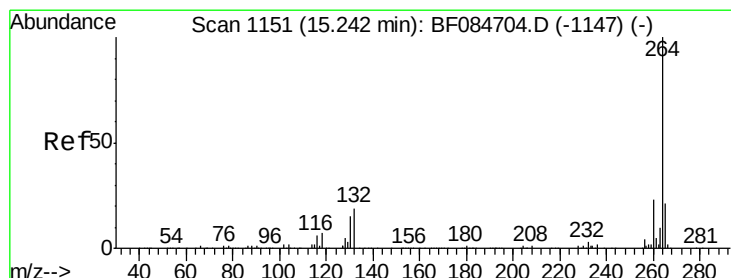
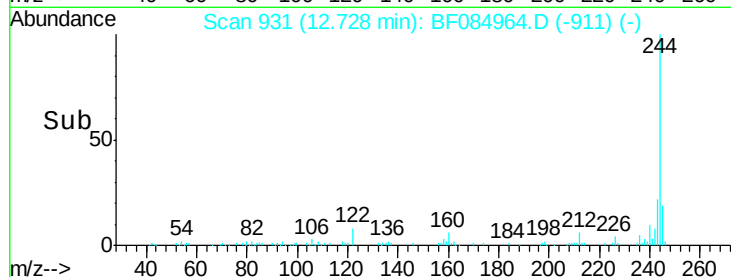
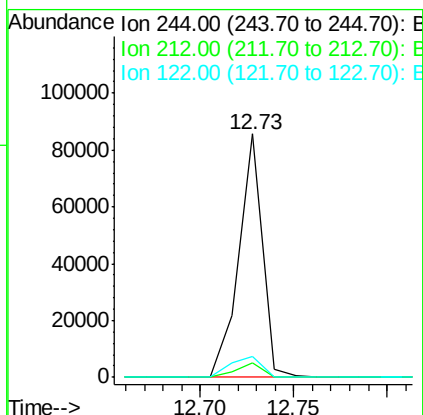
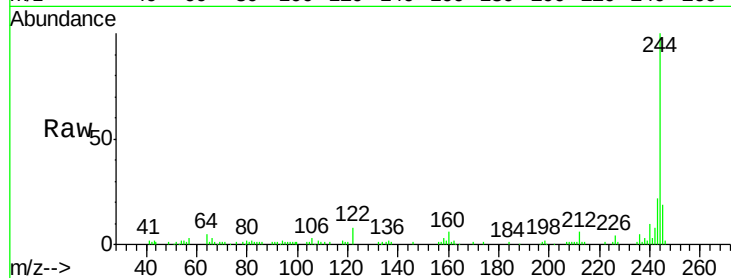




#78
 Terphenyl-d14
 Concen: 4.09 ng
 RT: 12.73 min Scan# 931
 Delta R.T. -0.07 min
 Lab File: BF084964.D
 Acq: 9 Feb 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)DL

Tot Ion:244 Resp: 76064
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.7 8.5
 122 8.4 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BF084964.D
 Acq: 9 Feb 2016 20:53

Tgt Ion:264 Resp: 294575
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 22.0 17.8 26.6

