

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
 Data File : BF089031.D
 Acq On : 15 Jul 2016 22:32
 Operator : UM/SJ
 Sample : H3951-04 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB02(0-2in)

Quant Time: Jul 16 02:04:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 16 00:31:51 2016
 Response via : Initial Calibration

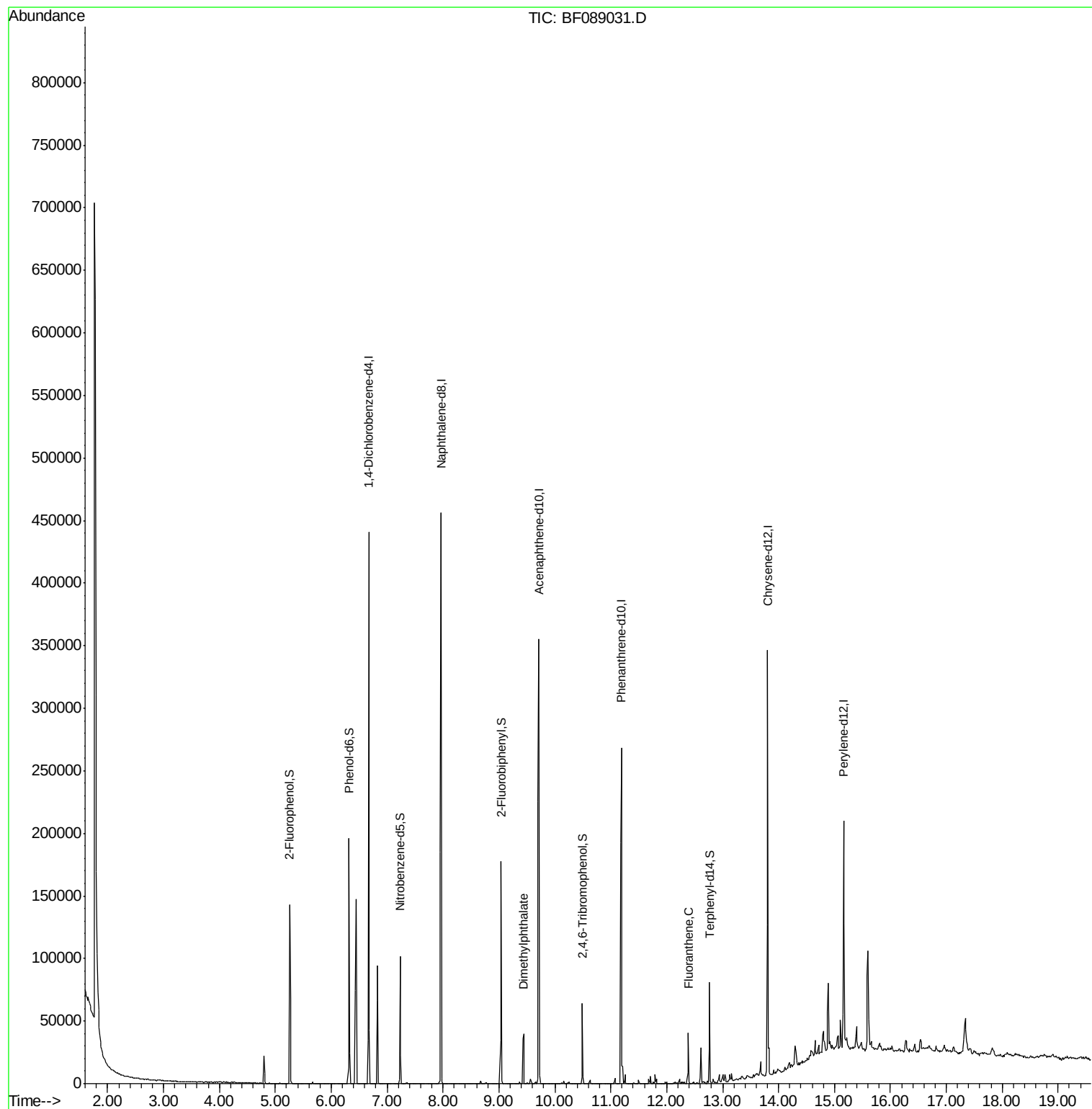
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	56971	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	224422	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	85337	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	128200	20.00	ng	0.00
75) Chrysene-d12	13.81	240	107551	20.00	ng	-0.01
86) Perylene-d12	15.17	264	77216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	43965	11.57	ng	-0.01
7) Phenol-d6	6.32	99	59504	12.11	ng	-0.01
23) Nitrobenzene-d5	7.23	82	32445	7.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	5967	7.53	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	55261	10.23	ng	0.00
78) Terphenyl-d14	12.77	244	27393	5.67	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.44	163	25298	4.16	ng	98
74) Fluoranthene	12.39	202	16663	2.35	ng	96

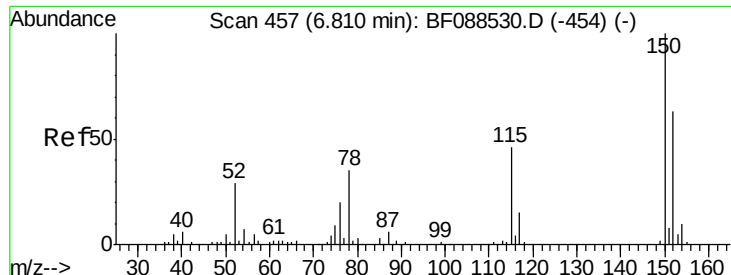
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF089031.D

Acq: 15 Jul 2016 22:32

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB02(0-2in)

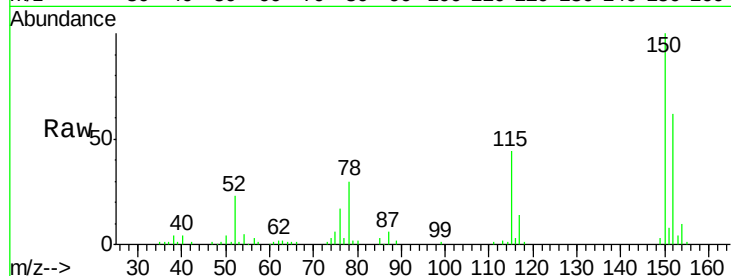
Tot Ion:152 Resp: 56971

Ion Ratio Lower Upper

152 100

150 161.5 123.8 185.6

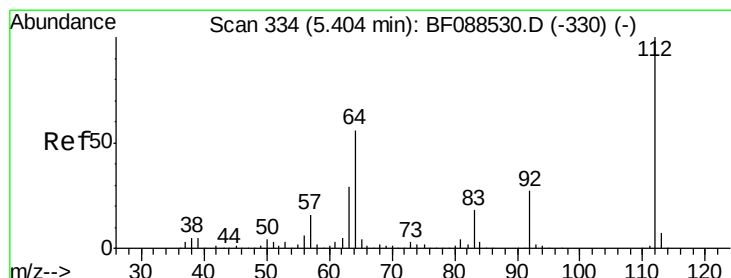
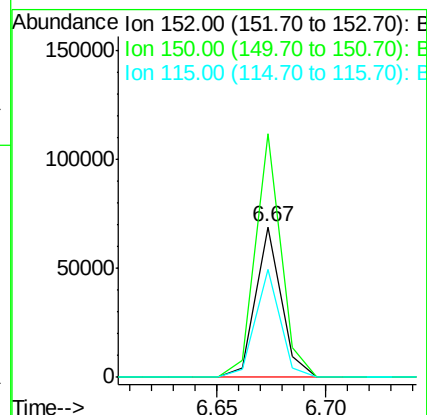
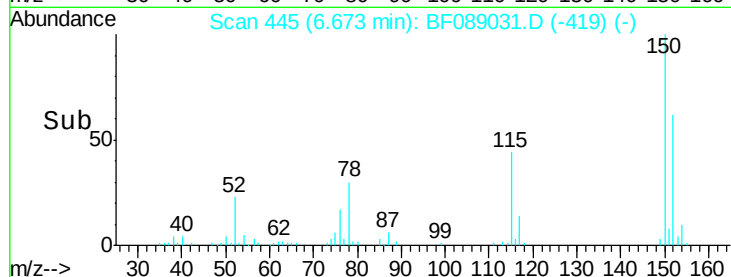
115 71.8 39.6 59.4#



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



#5

2-Fluorophenol

Concen: 11.57 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.01 min

Lab File: BF089031.D

Acq: 15 Jul 2016 22:32

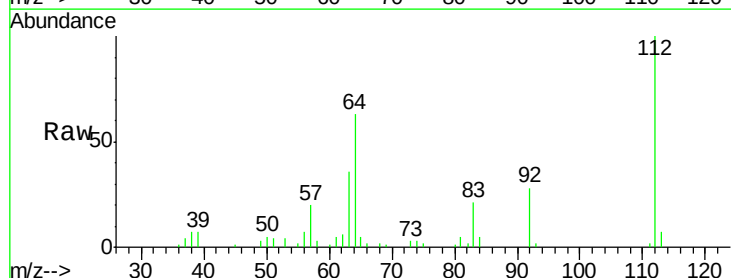
Tgt Ion:112 Resp: 43965

Ion Ratio Lower Upper

112 100

64 62.8 42.2 63.2

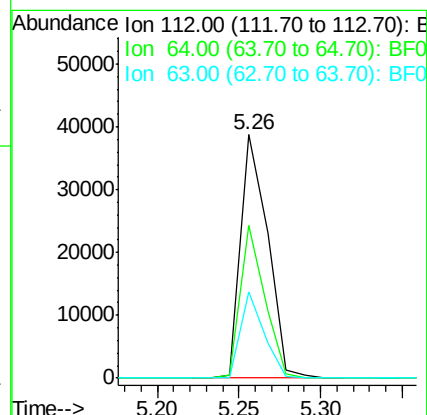
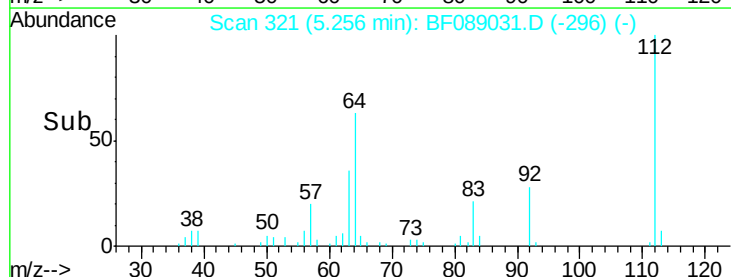
63 35.6 21.8 32.8#

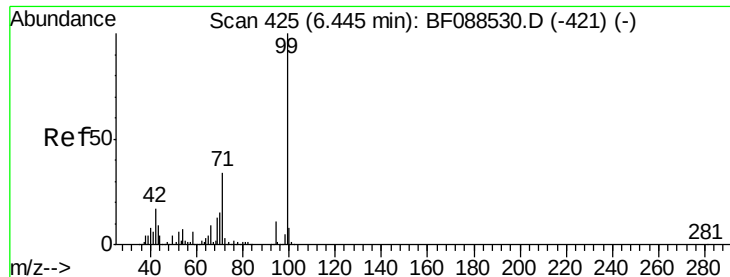


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.11 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF089031.D

Acq: 15 Jul 2016 22:32

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB02(0-2in)

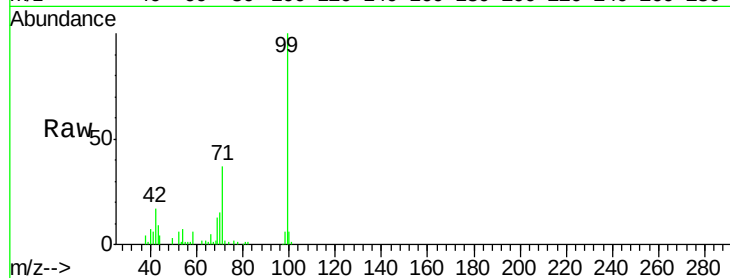
Tot Ion: 99 Resp: 59504

Ion Ratio Lower Upper

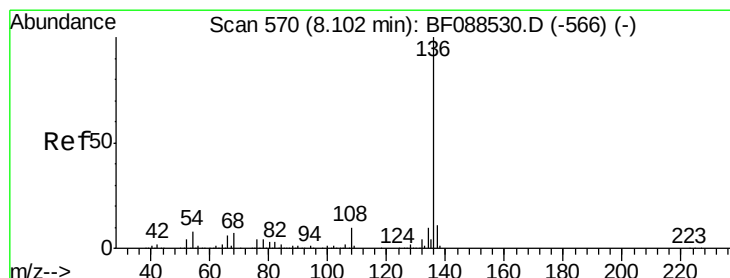
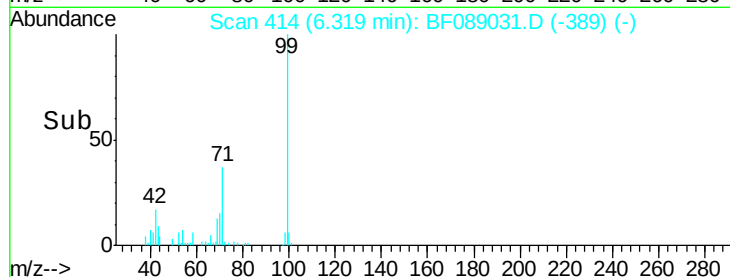
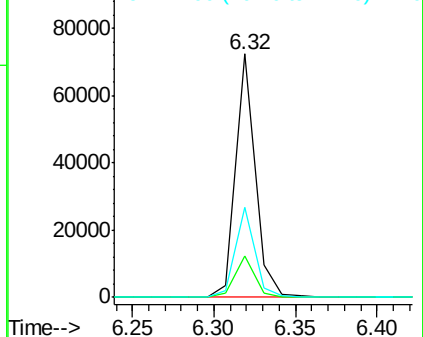
99 100

42 17.0 12.2 18.2

71 36.8 23.4 35.0#



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: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF089031.D

Acq: 15 Jul 2016 22:32

Tgt Ion: 136 Resp: 224422

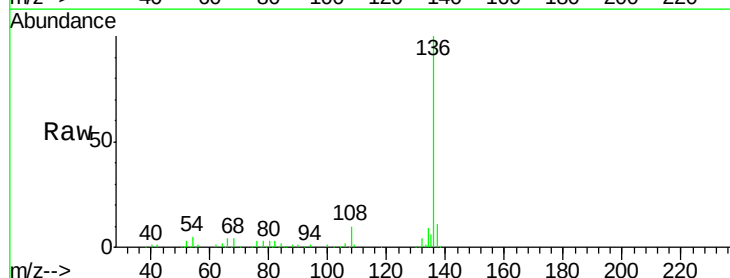
Ion Ratio Lower Upper

136 100

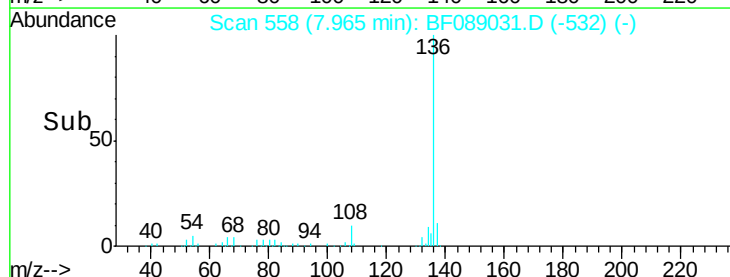
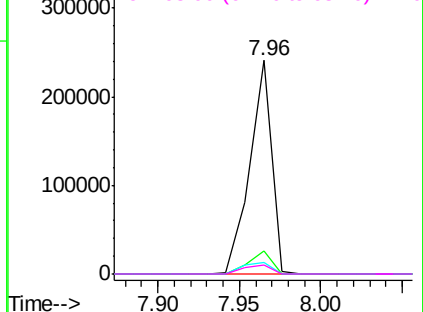
137 10.6 9.1 13.7

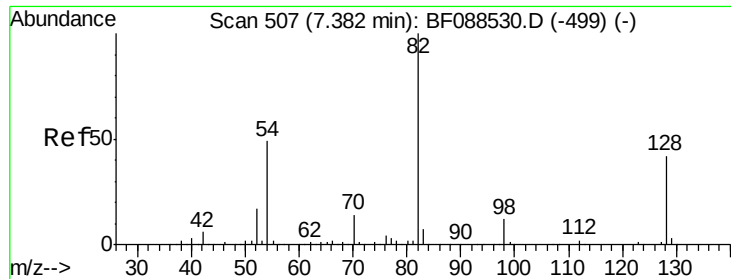
54 5.2 6.6 10.0#

68 4.5 5.1 7.7#



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

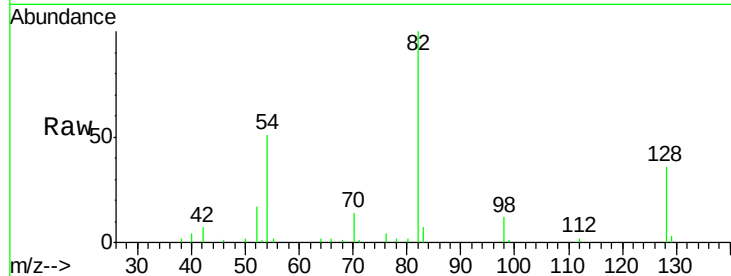




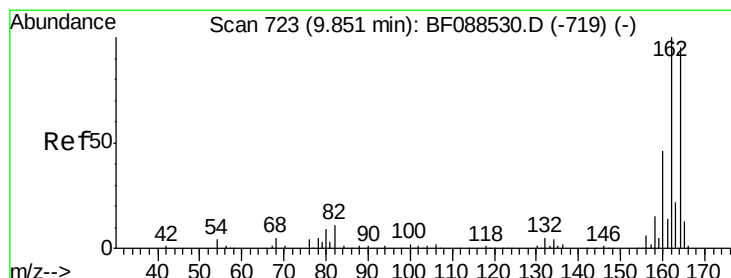
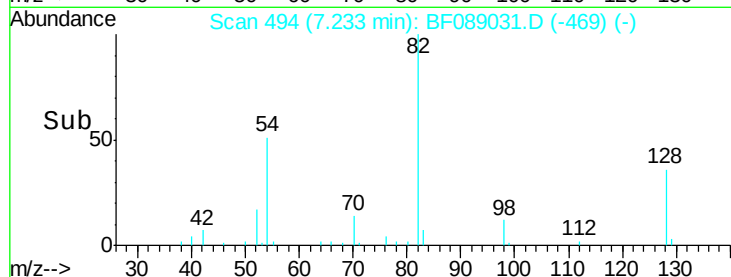
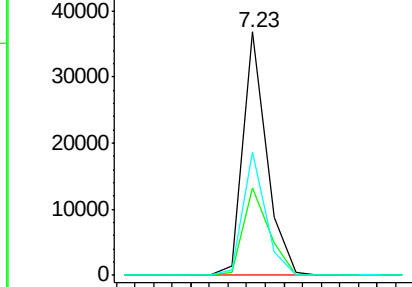
#23
 Nitrobenzene-d5
 Concen: 7.58 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF089031.D
 Acq: 15 Jul 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB02(0-2in)

Tot Ion	82	Resp	32445
Ion Ratio	Lower	Upper	
82	100		
128	35.8	35.9	53.9#
54	50.9	40.9	61.3

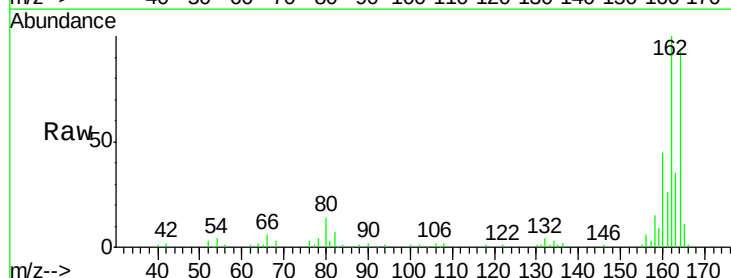


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

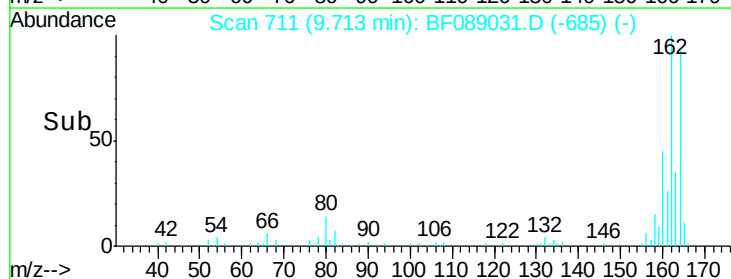
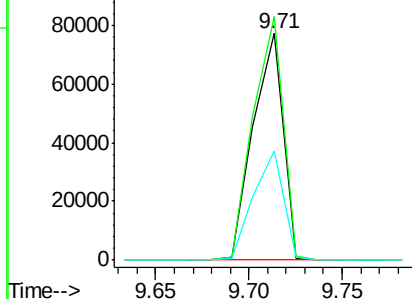


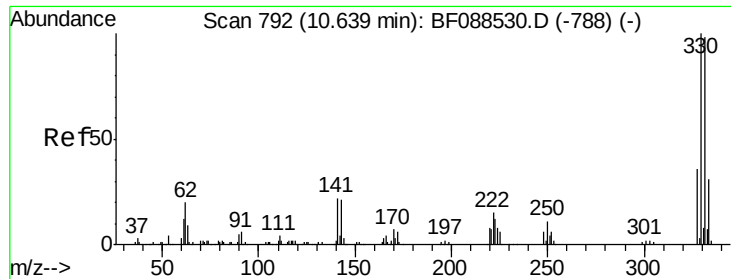
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089031.D
 Acq: 15 Jul 2016 22:32

Tgt Ion	164	Resp	85337
Ion Ratio	Lower	Upper	
164	100		
162	107.3	85.4	128.2
160	48.4	39.5	59.3



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

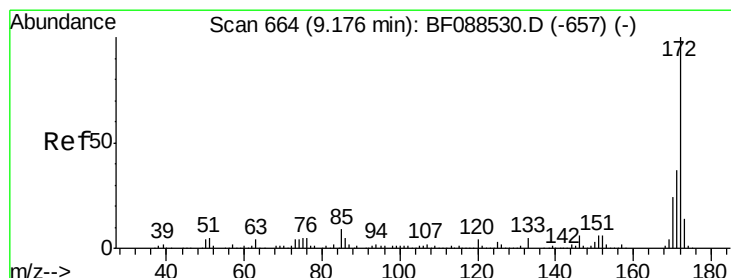
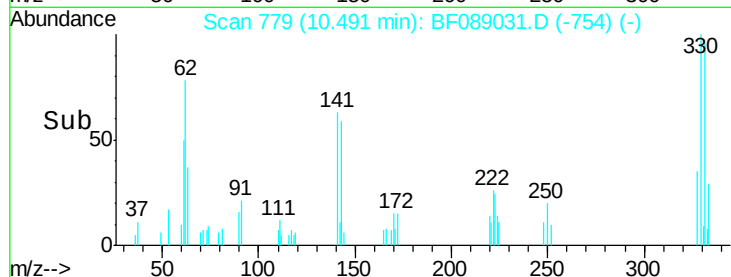
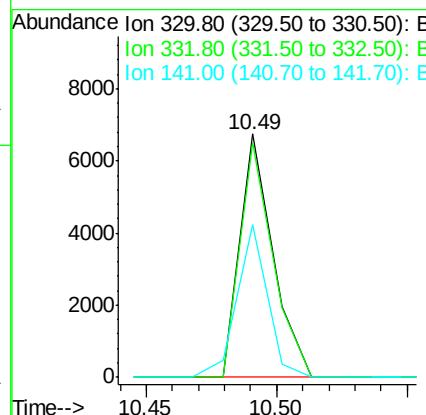
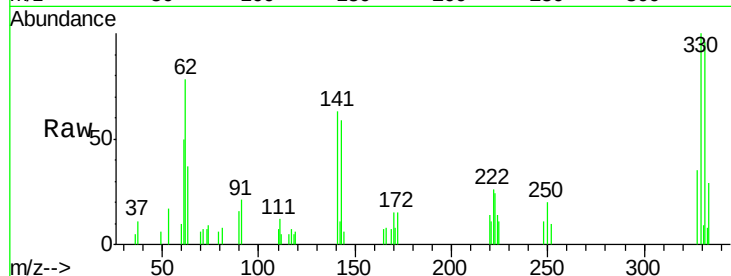




#41
 2,4,6-Tribromophenol
 Concen: 7.53 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089031.D
 Acq: 15 Jul 2016 22:32

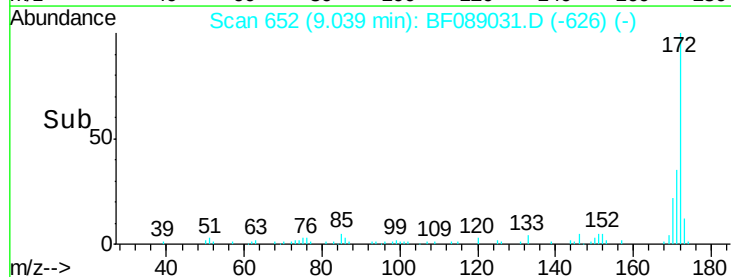
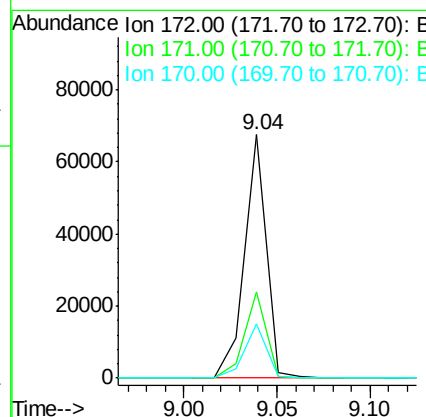
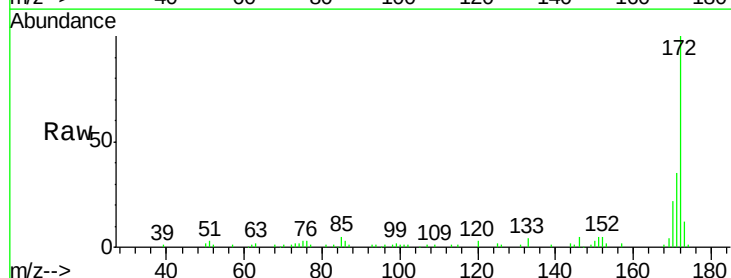
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB02(0-2in)

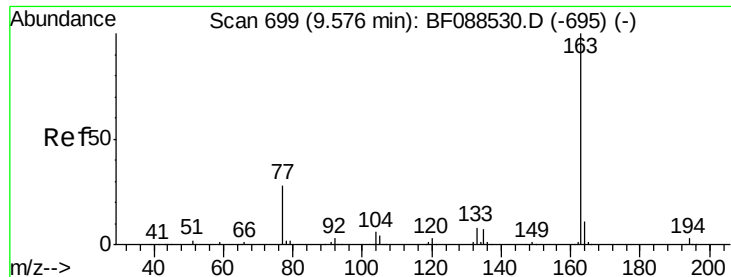
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	58.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 10.23 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF089031.D
 Acq: 15 Jul 2016 22:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	22.3	19.2	28.8





#49

Dimethylphthalate

Concen: 4.16 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF089031.D

Acq: 15 Jul 2016 22:32

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB02(0-2in)

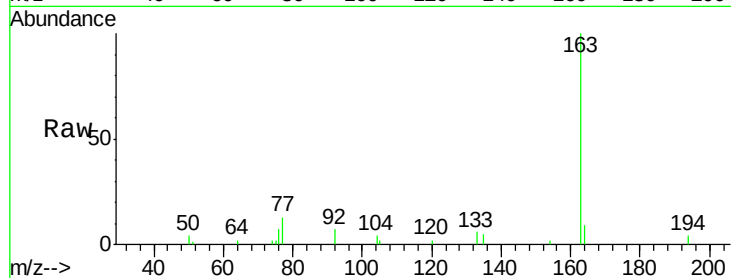
Tot Ion:163 Resp: 25298

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

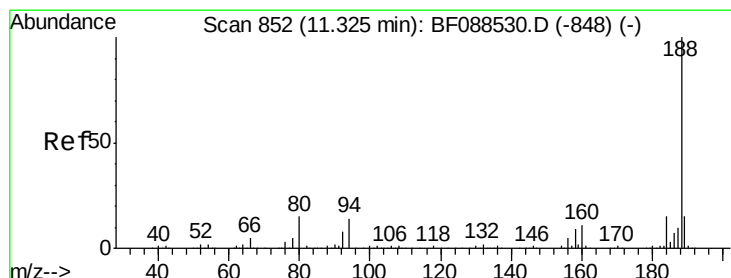
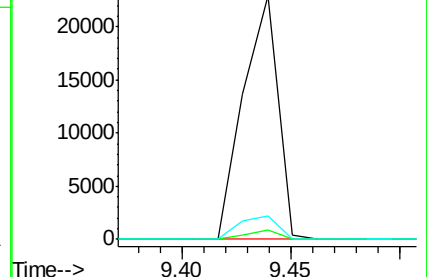
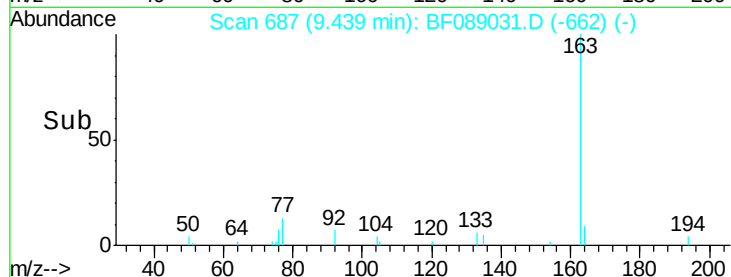
164 9.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089031.D

Acq: 15 Jul 2016 22:32

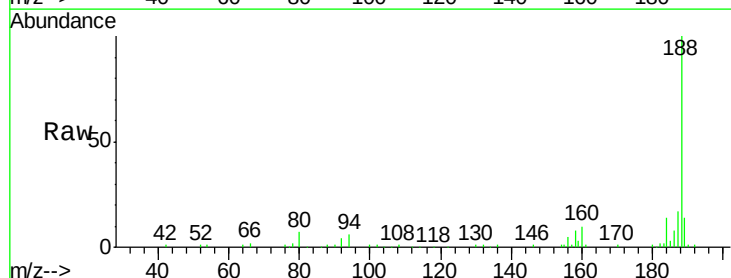
Tgt Ion:188 Resp: 128200

Ion Ratio Lower Upper

188 100

94 6.1 9.0 13.6#

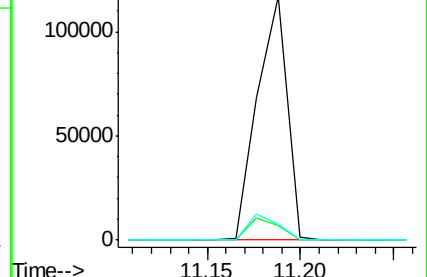
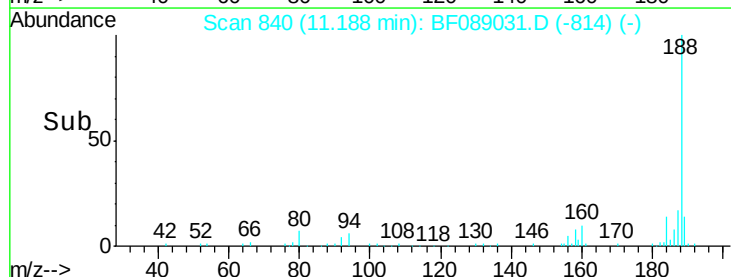
80 6.7 10.0 15.0#

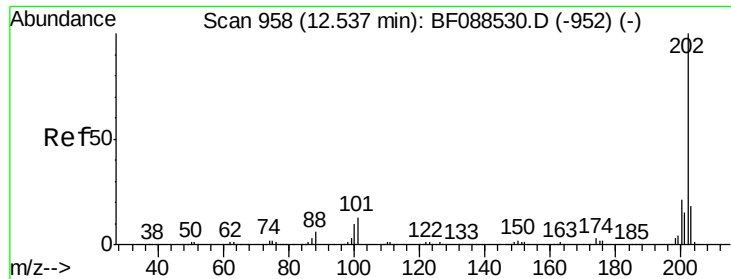


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

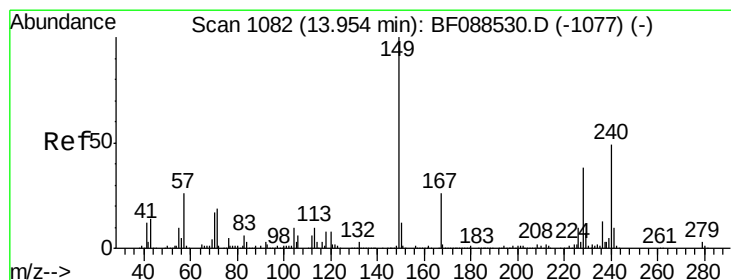
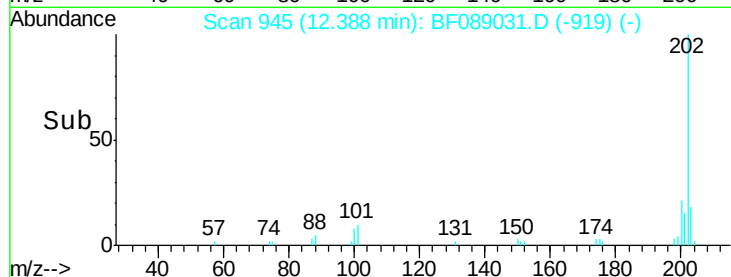
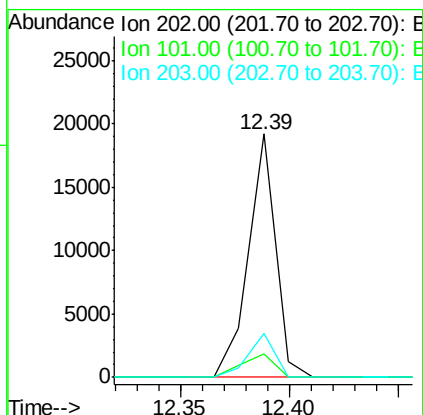
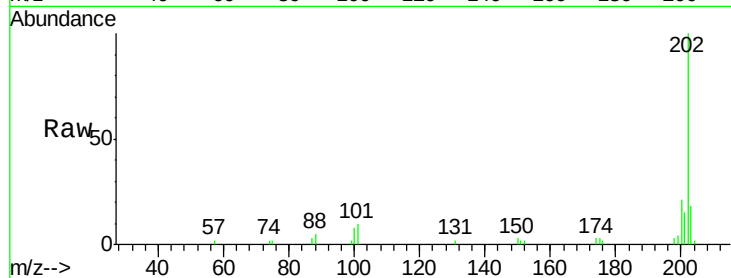




#74
 Fluoranthene
 Concen: 2.35 ng
 RT: 12.39 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF089031.D
 Acq: 15 Jul 2016 22:32

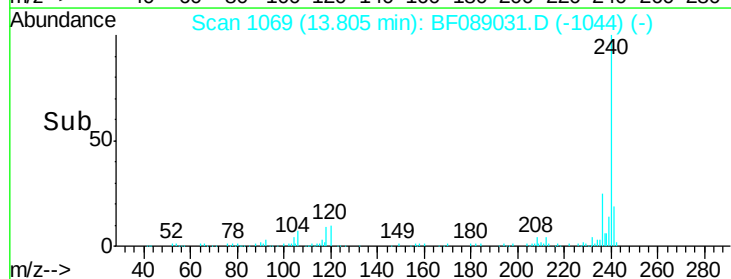
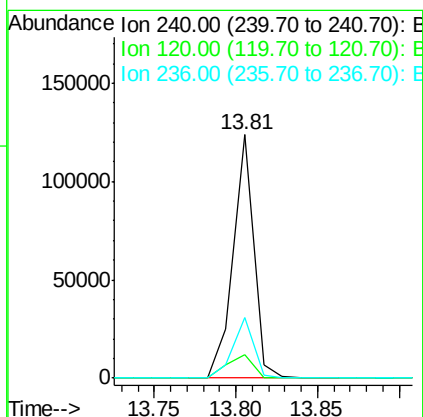
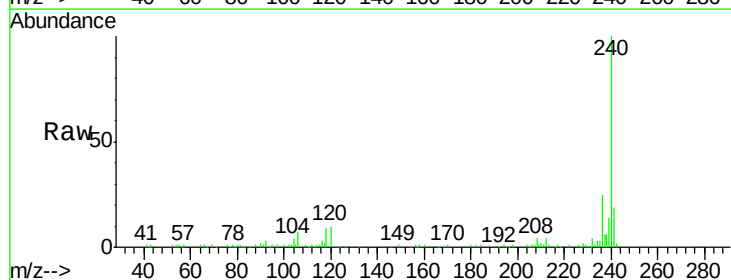
Instrument :
 BNA_F
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 LSS-SB-SB02(0-2in)

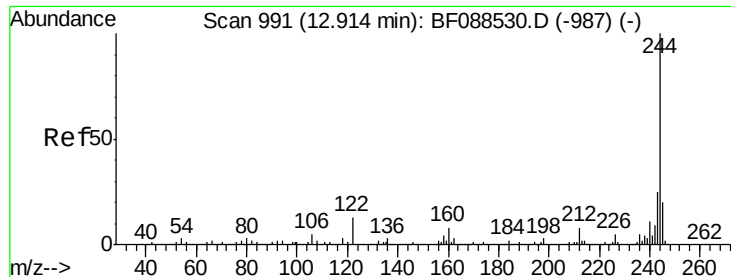
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	33.1
203	17.9	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BF089031.D
 Acq: 15 Jul 2016 22:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.8	10.2
236	24.9	20.2	30.2

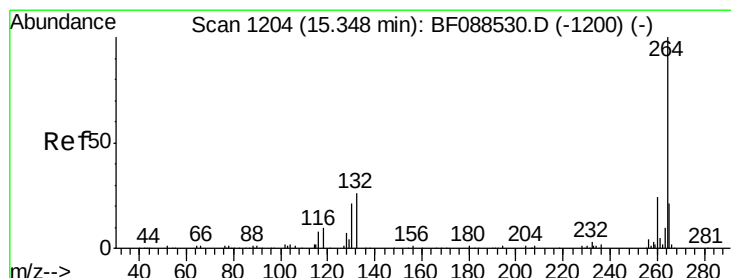
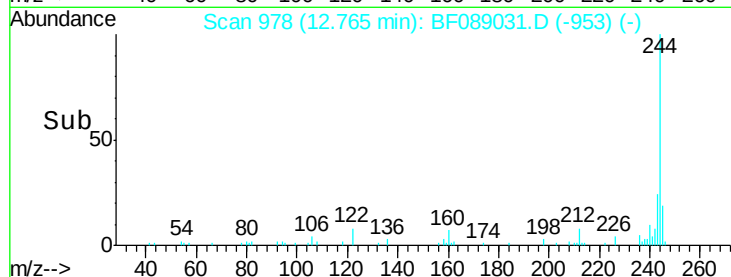
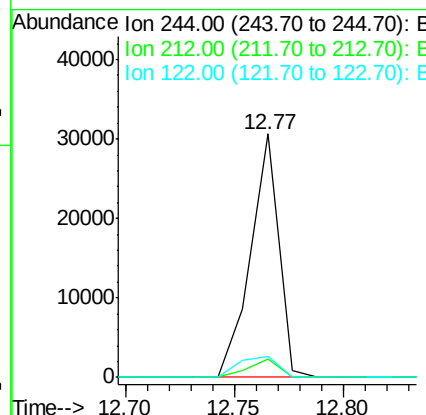
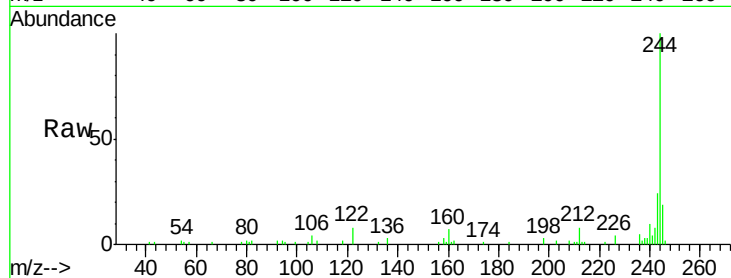




#78
 Terphenyl-d14
 Concen: 5.67 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF089031.D
 Acq: 15 Jul 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB02(0-2in)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.4	11.2	16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF089031.D
 Acq: 15 Jul 2016 22:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.3	16.9	25.3

