

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088176.D
 Acq On : 20 Jun 2016 17:00
 Operator : UM/SJ
 Sample : PB91291BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BL

Quant Time: Jun 20 18:33:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	89150	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	370348	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	167730	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	334469	20.00	ng	0.00
75) Chrysene-d12	13.81	240	267750	20.00	ng	0.00
86) Perylene-d12	15.18	264	195226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	589872	113.11	ng	0.01
7) Phenol-d6	6.32	99	733874	116.12	ng	-0.01
23) Nitrobenzene-d5	7.23	82	428722	67.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	160739	90.76	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	832673	77.50	ng	-0.01
78) Terphenyl-d14	12.76	244	891244	75.75	ng	0.00

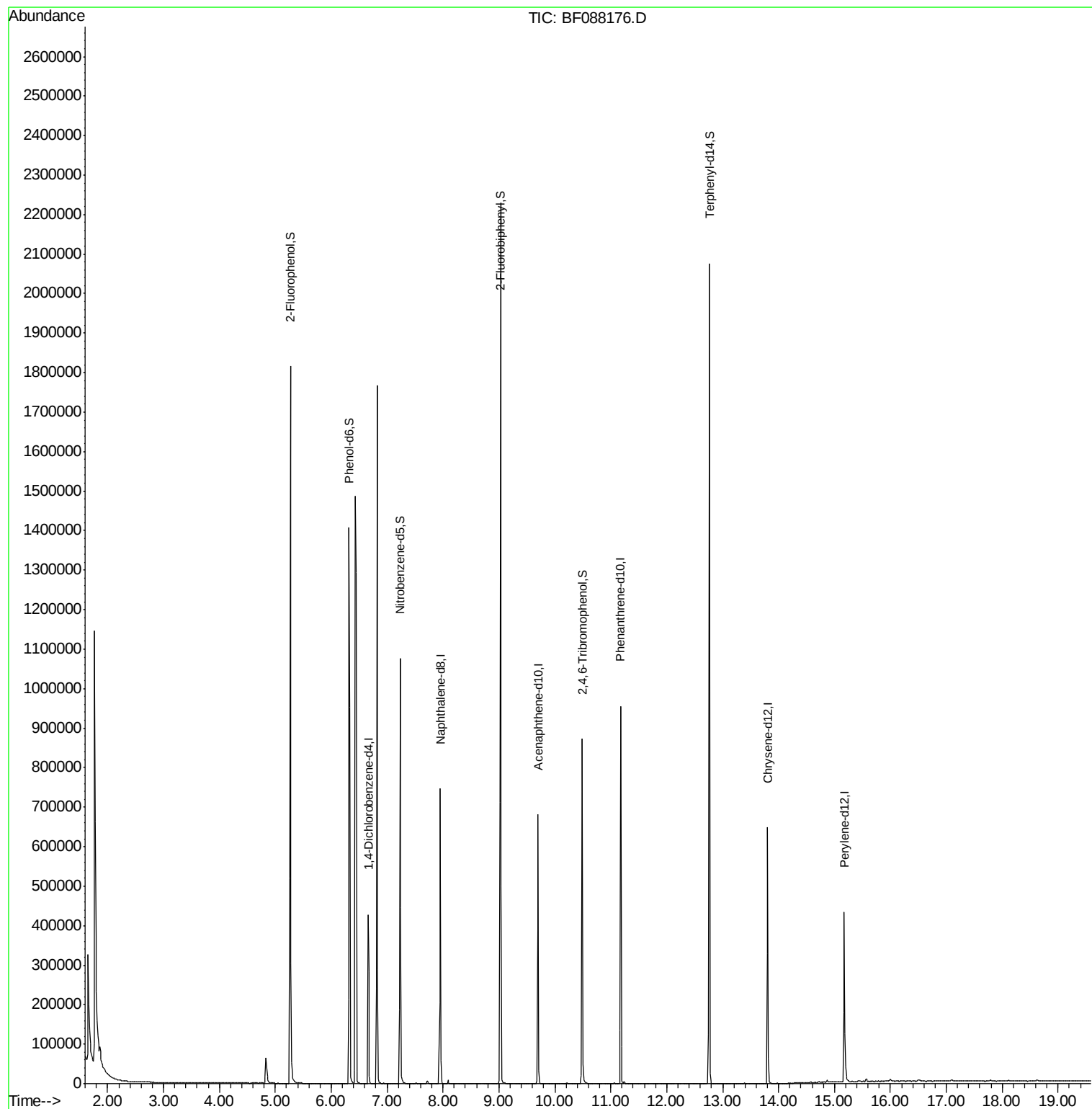
Target Compounds Qvalue

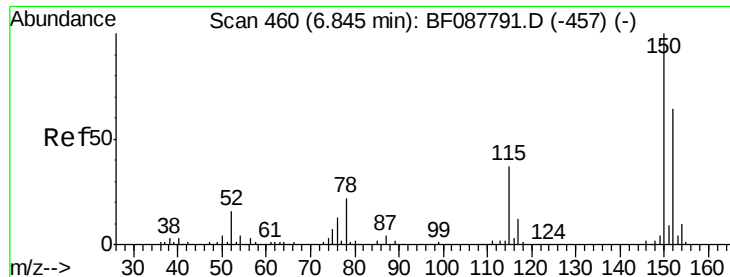
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088176.D

Acq: 20 Jun 2016 17:00

Instrument :

BNA_F

ClientSampled :

PB91291BL

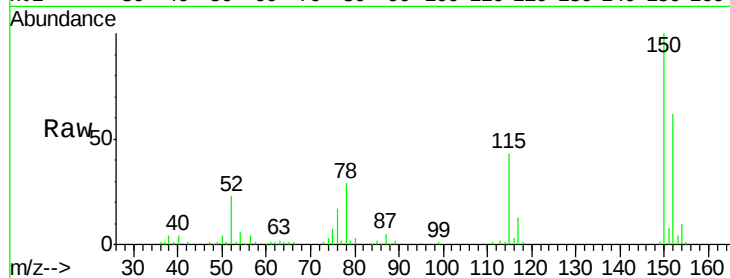
Tot Ion:152 Resp: 89150

Ion Ratio Lower Upper

152 100

150 160.7 123.8 185.6

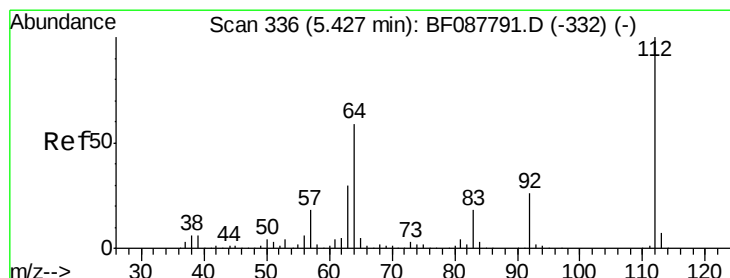
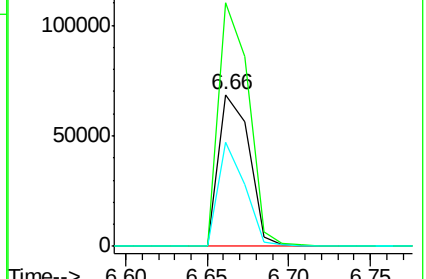
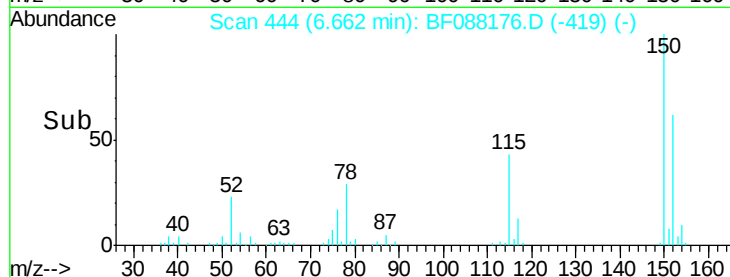
115 68.4 39.6 59.4#



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: 113.11 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088176.D

Acq: 20 Jun 2016 17:00

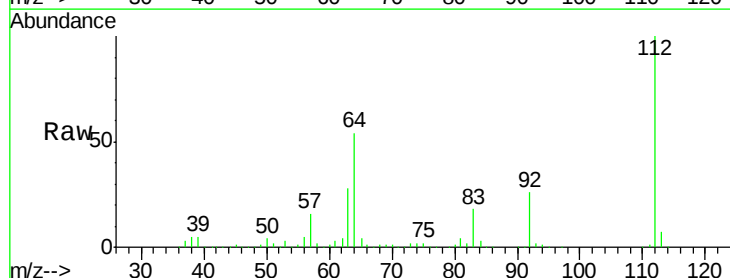
Tgt Ion:112 Resp: 589872

Ion Ratio Lower Upper

112 100

64 53.5 42.2 63.2

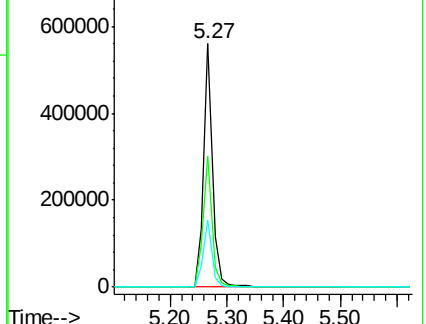
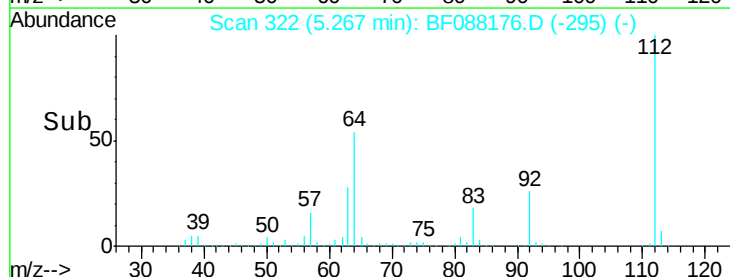
63 27.7 21.8 32.8

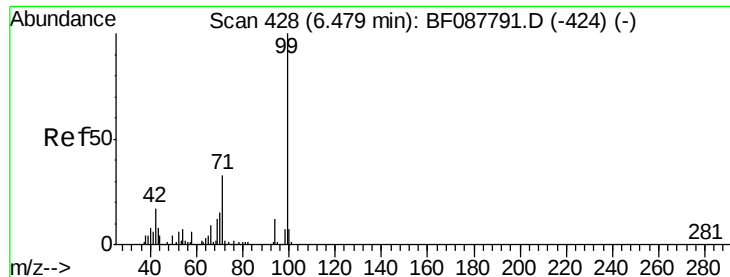


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.12 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088176.D

Acq: 20 Jun 2016 17:00

Instrument :

BNA_F

ClientSampleId :

PB91291BL

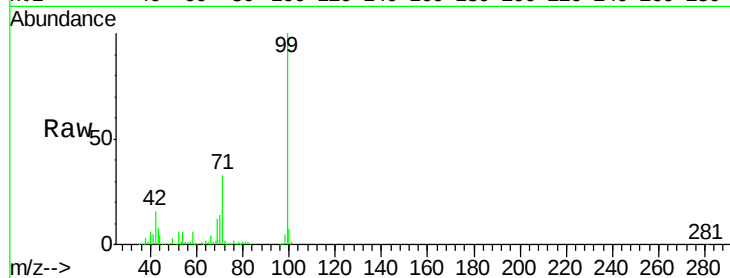
Tot Ion: 99 Resp: 733874

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

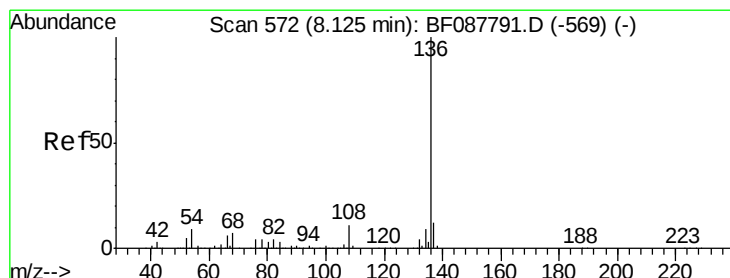
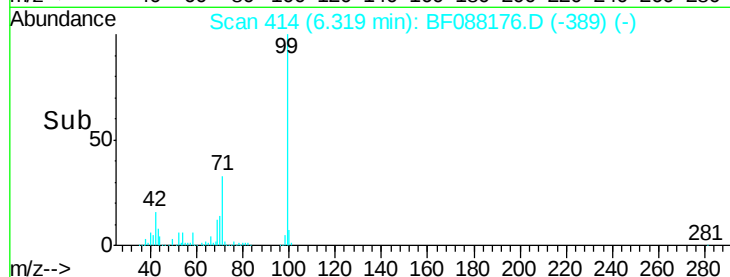
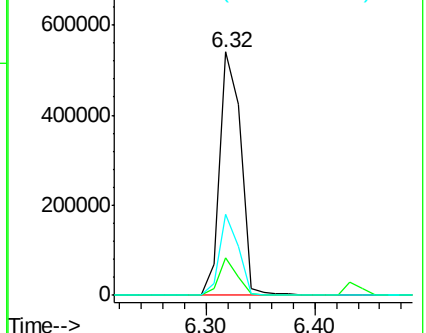
71 33.3 23.4 35.0



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: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088176.D

Acq: 20 Jun 2016 17:00

Tgt Ion: 136 Resp: 370348

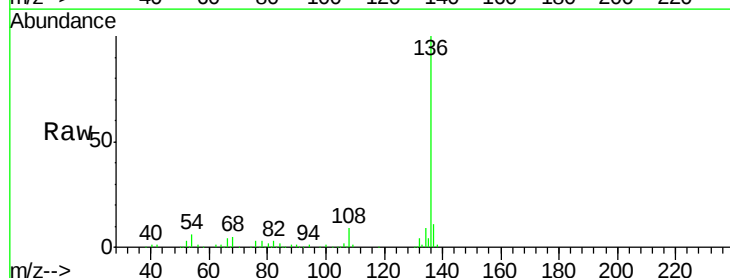
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.0 6.6 10.0#

68 5.2 5.1 7.7

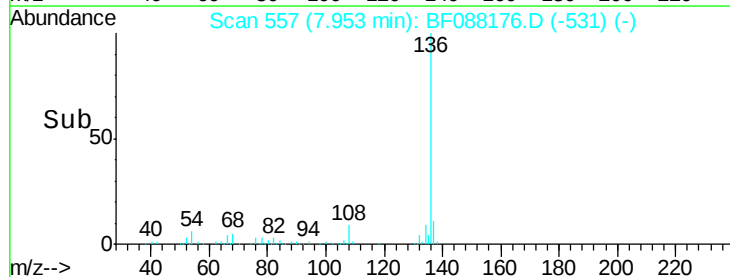
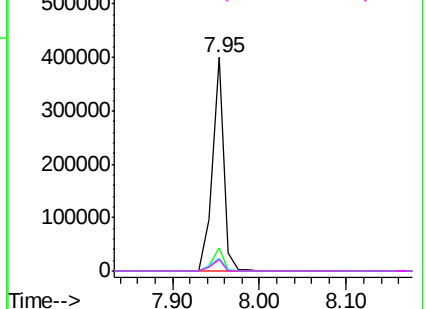


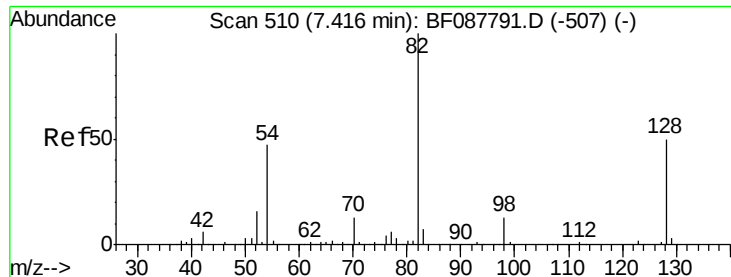
Abundance Ion 136.00 (135.70 to 136.70): E

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

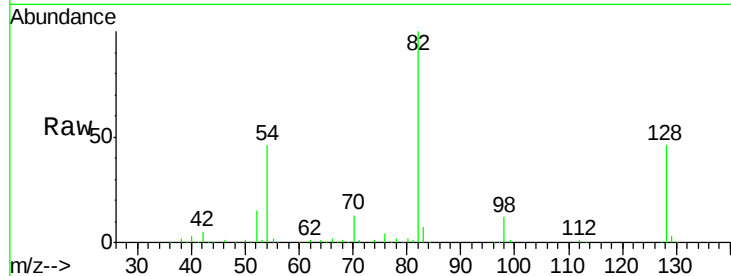




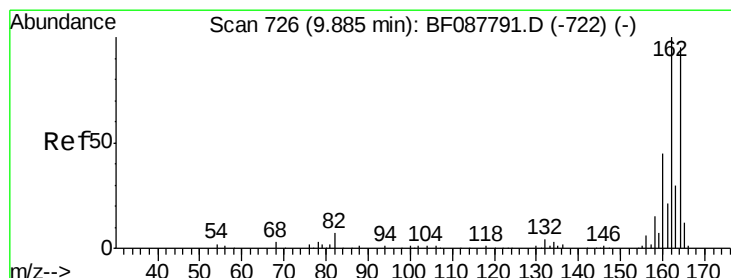
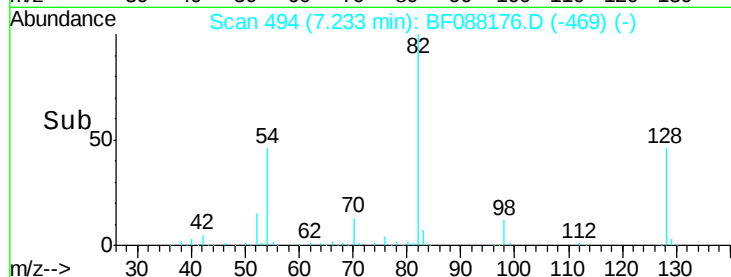
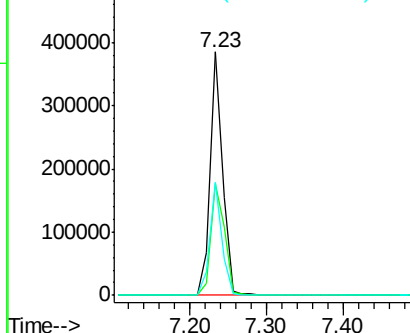
#23
Nitrobenzene-d5
Concen: 67.60 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088176.D
Acq: 20 Jun 2016 17:00

Instrument :
BNA_F
ClientSampleId :
PB91291BL

Tot Ion: 82 Resp: 428722
Ion Ratio Lower Upper
82 100
128 45.7 35.9 53.9
54 46.3 40.9 61.3

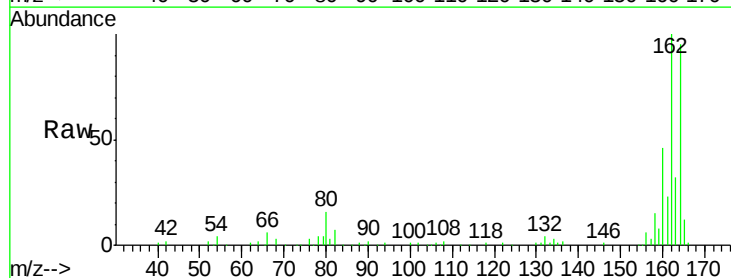


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

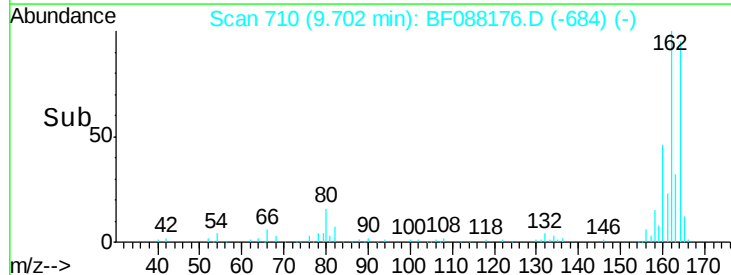
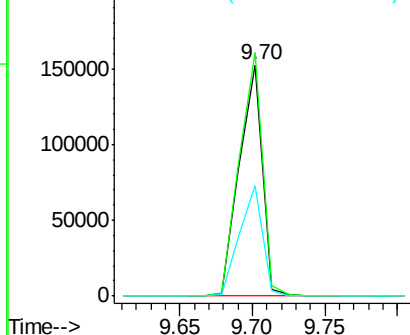


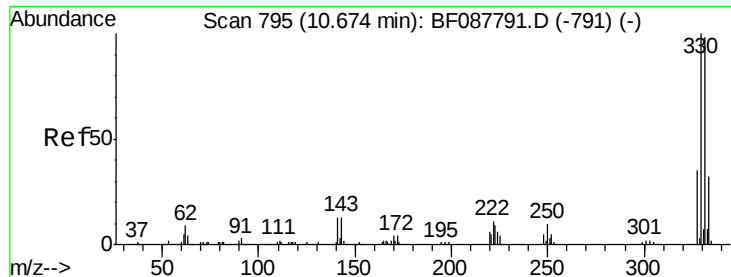
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088176.D
Acq: 20 Jun 2016 17:00

Tgt Ion:164 Resp: 167730
Ion Ratio Lower Upper
164 100
162 105.4 85.4 128.2
160 48.0 39.5 59.3



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

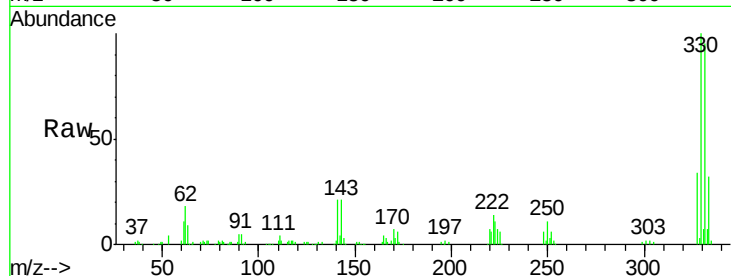




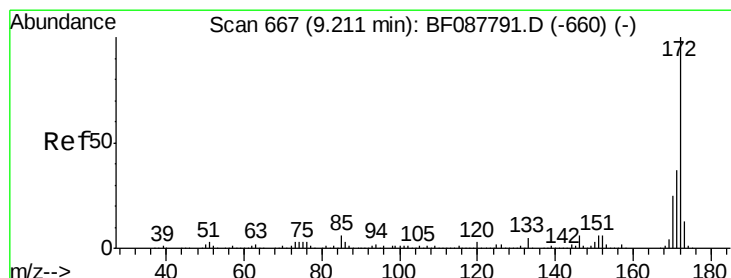
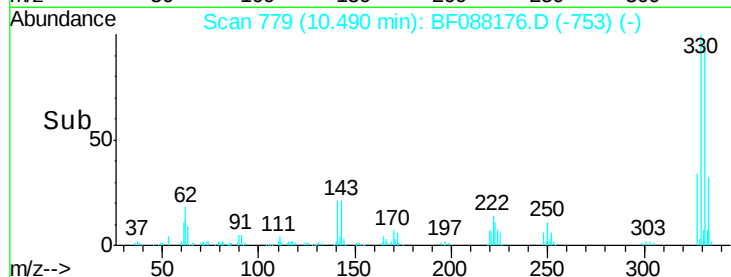
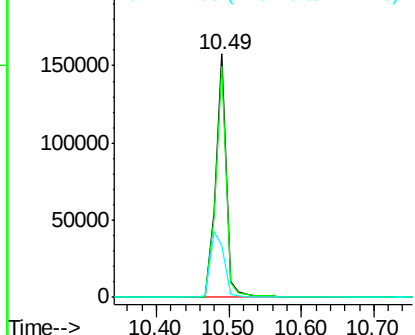
#41
 2,4,6-Tribromophenol
 Concen: 90.76 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088176.D
 Acq: 20 Jun 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	35.0	0.0	0.0#

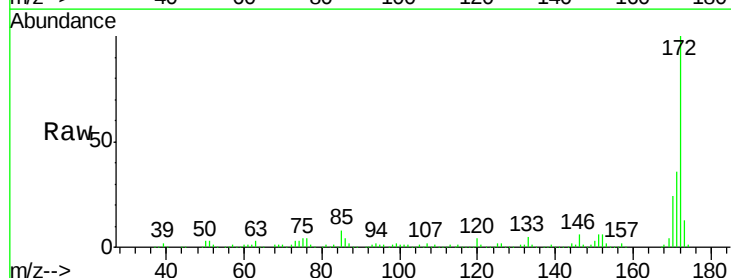


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

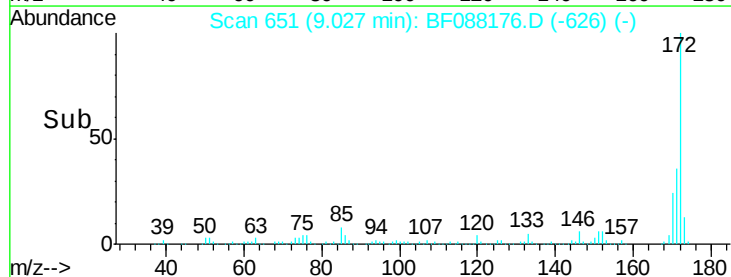
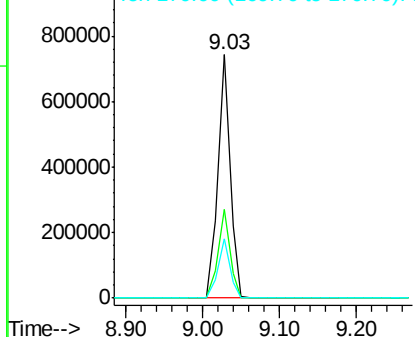


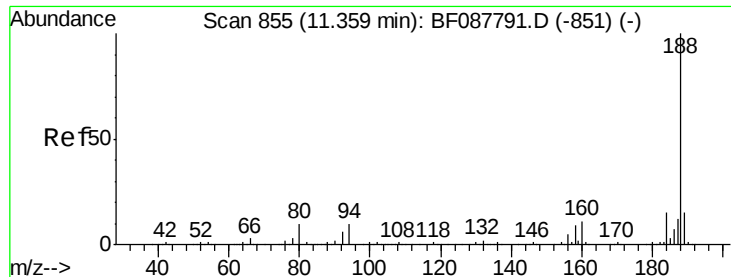
#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088176.D
 Acq: 20 Jun 2016 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.1	19.2	28.8



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

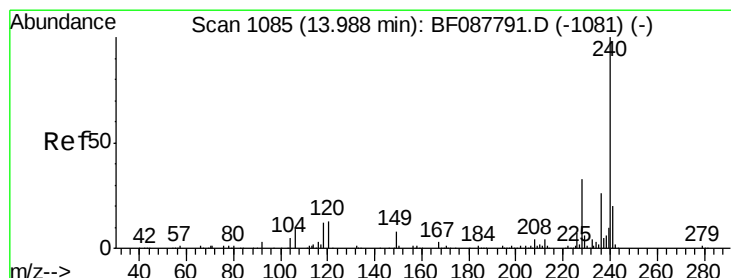
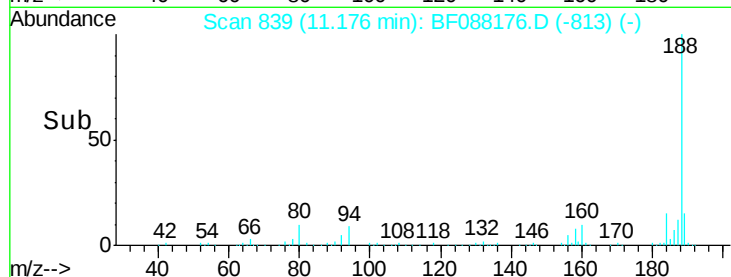
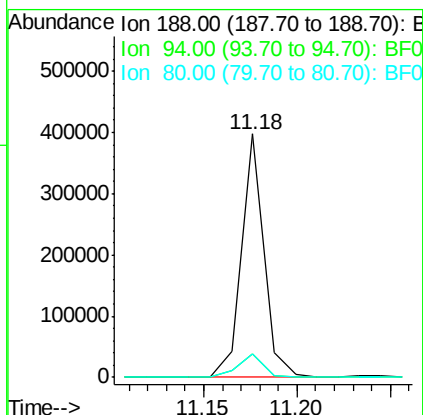
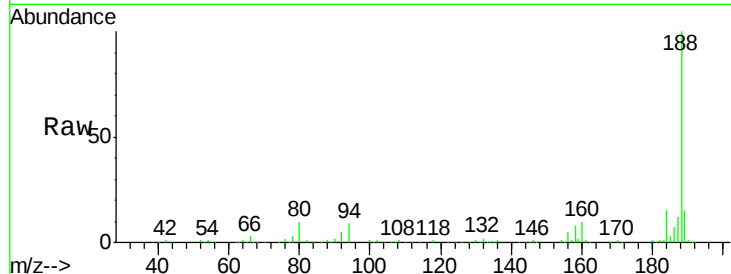




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088176.D
Acq: 20 Jun 2016 17:00

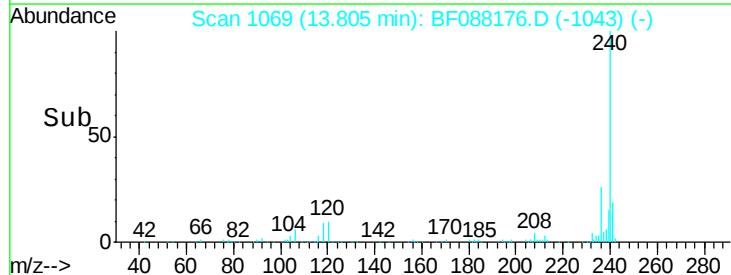
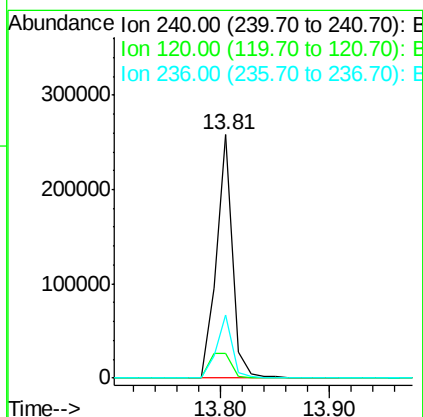
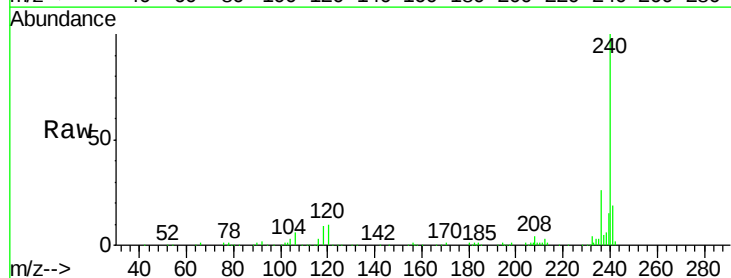
Instrument :
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PB91291BL

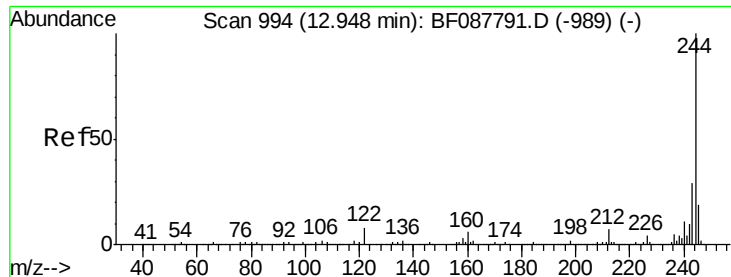
Tot Ion:188 Resp: 334469
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.6
80 9.7 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088176.D
Acq: 20 Jun 2016 17:00

Tgt Ion:240 Resp: 267750
Ion Ratio Lower Upper
240 100
120 10.0 6.8 10.2
236 25.9 20.2 30.2

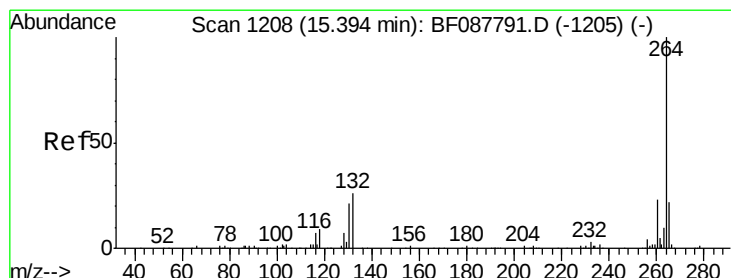
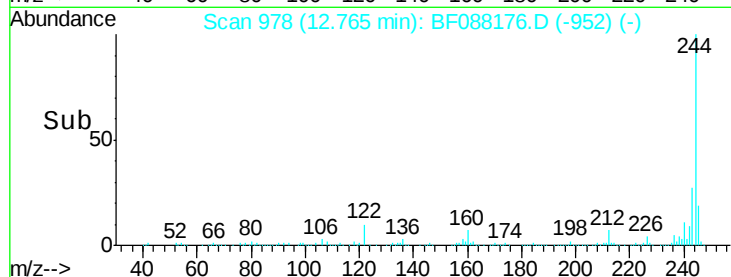
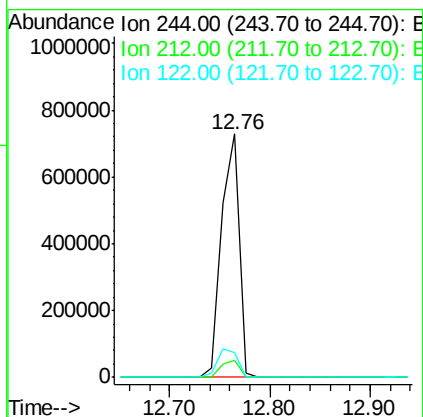
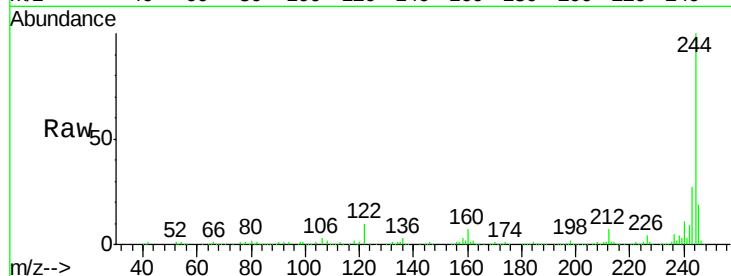




#78
 Terphenyl-d14
 Concen: 75.75 ng
 RT: 12.76 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088176.D
 Acq: 20 Jun 2016 17:00

Instrument :
 BNA_F
 ClientSampleID :
 PB91291BL

Tot Ion:244 Resp: 891244
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.9 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088176.D
 Acq: 20 Jun 2016 17:00

Tgt Ion:264 Resp: 195226
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 16.9 25.3

