

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088175.D
 Acq On : 20 Jun 2016 16:31
 Operator : UM/SJ
 Sample : PB91291TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91291TB

Quant Time: Jun 20 18:30:49 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	78987	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	330593	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	150581	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	297958	20.00	ng	0.00
75) Chrysene-d12	13.81	240	244252	20.00	ng	0.00
86) Perylene-d12	15.18	264	180468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	573973	124.23	ng	0.01
7) Phenol-d6	6.32	99	617166	110.22	ng	-0.01
23) Nitrobenzene-d5	7.23	82	381029	67.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	136541	85.88	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	757442	78.60	ng	-0.01
78) Terphenyl-d14	12.77	244	815075	75.94	ng	0.00

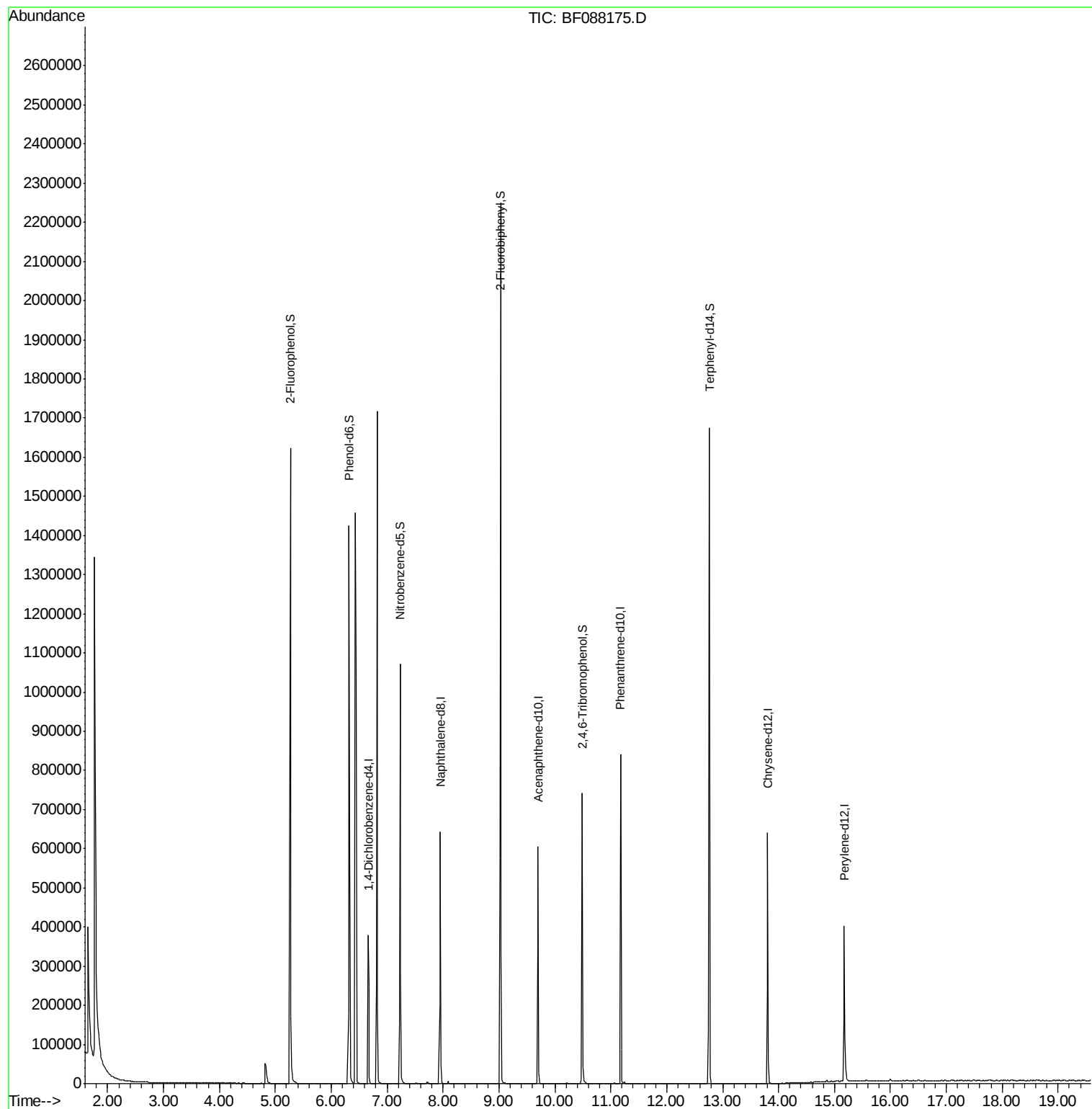
Target Compounds Qvalue

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

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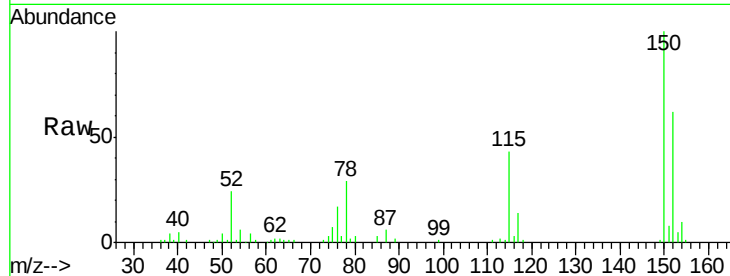


#1

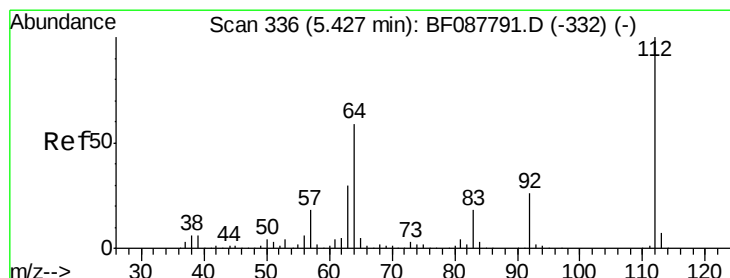
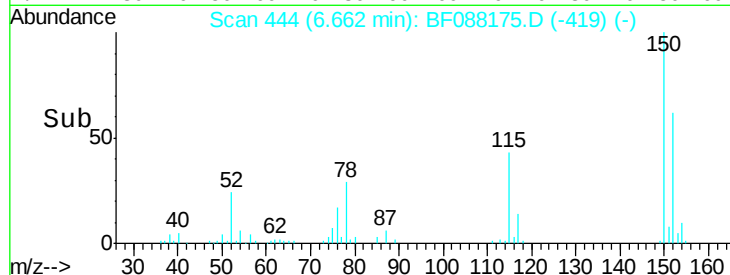
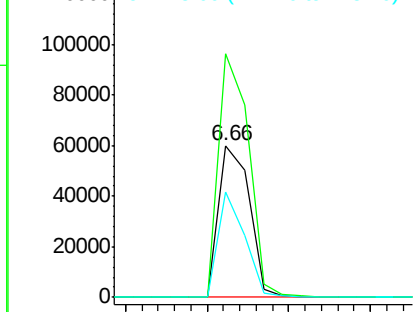
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF088175.D
 Acq: 20 Jun 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91291TB

Tot Ion:152 Resp: 78987
 Ion Ratio Lower Upper
 152 100
 150 160.7 123.8 185.6
 115 69.8 39.6 59.4#



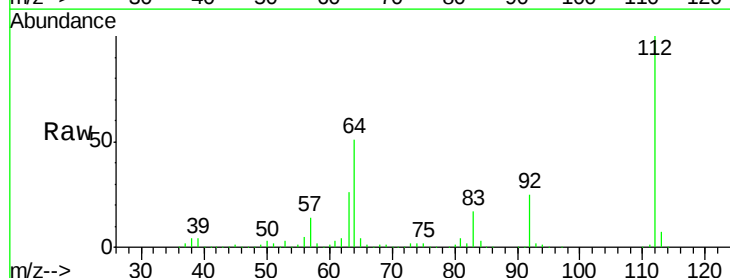
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



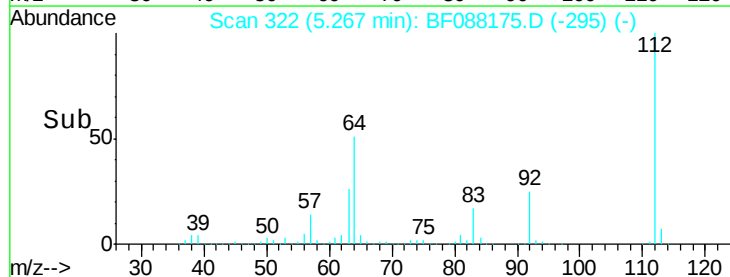
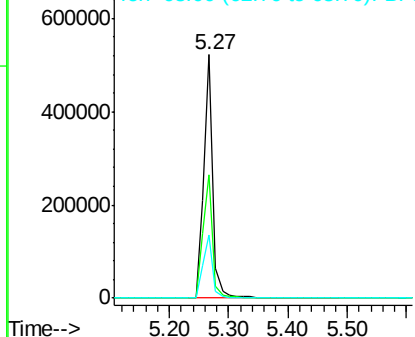
#5

2-Fluorophenol
 Concen: 124.23 ng
 RT: 5.27 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: BF088175.D
 Acq: 20 Jun 2016 16:31

Tgt Ion:112 Resp: 573973
 Ion Ratio Lower Upper
 112 100
 64 50.8 42.2 63.2
 63 25.7 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: 110.22 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088175.D

Acq: 20 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

PB91291TB

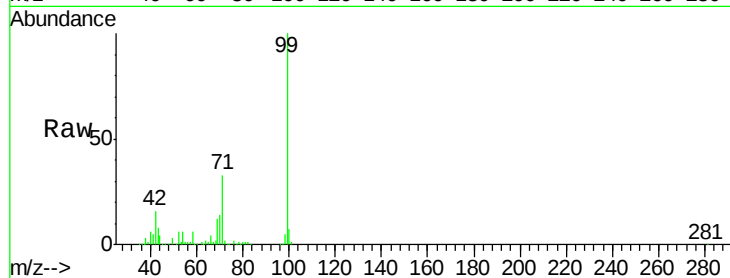
Tot Ion: 99 Resp: 617166

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

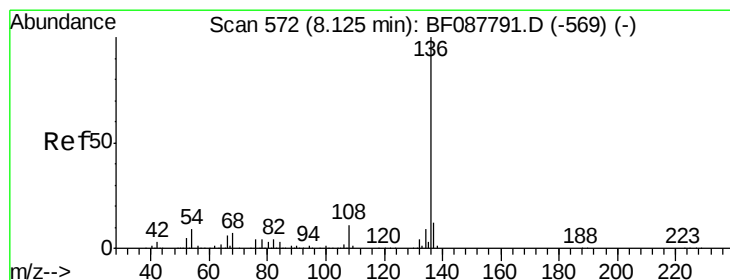
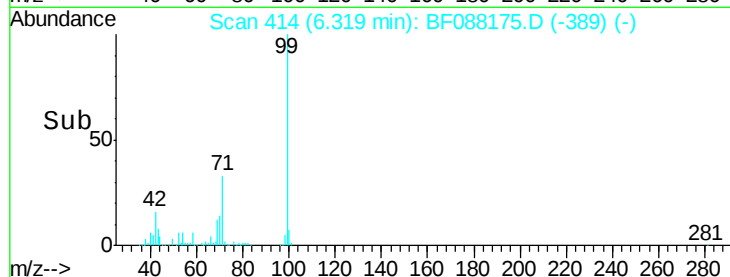
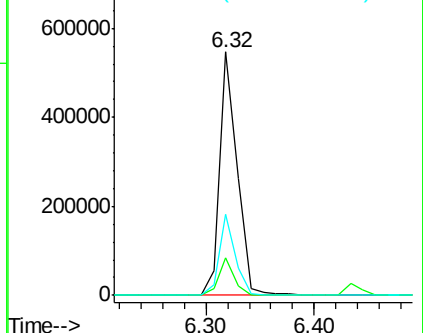
71 33.3 23.4 35.0



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: BF088175.D

Acq: 20 Jun 2016 16:31

Tgt Ion: 136 Resp: 330593

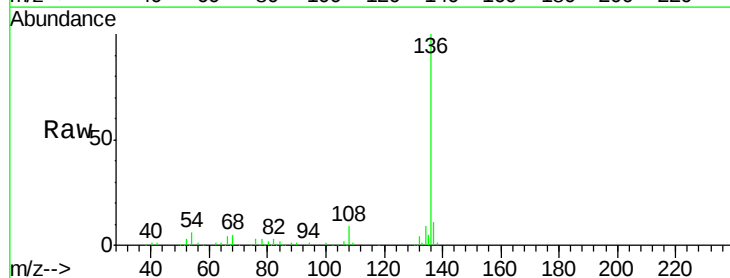
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.7 6.6 10.0#

68 4.9 5.1 7.7#

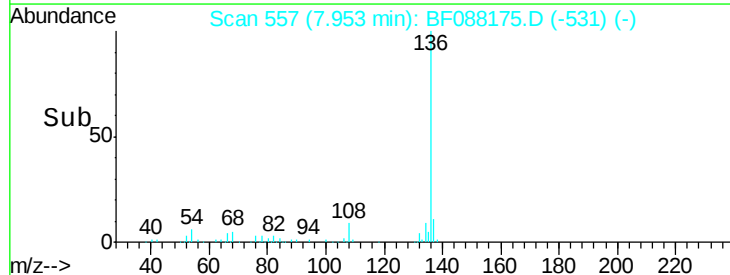
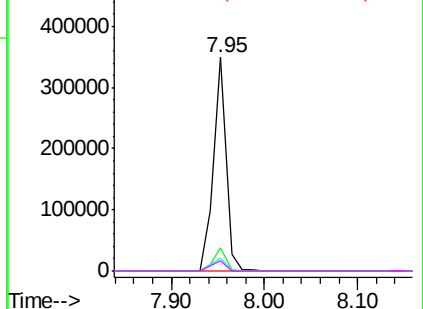


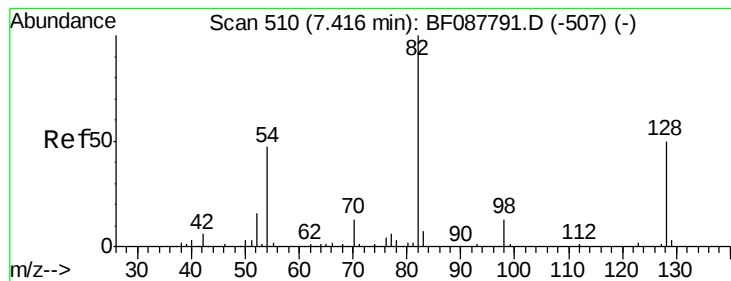
Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.30 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088175.D

Acq: 20 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

PB91291TB

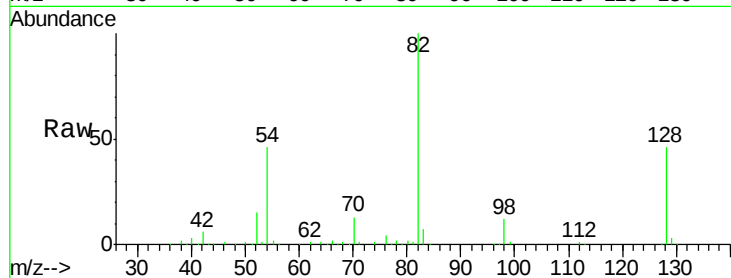
Tot Ion: 82 Resp: 381029

Ion Ratio Lower Upper

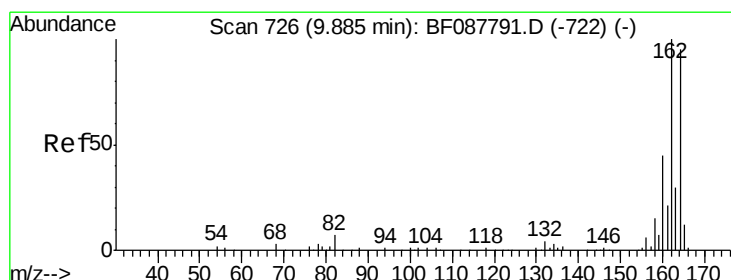
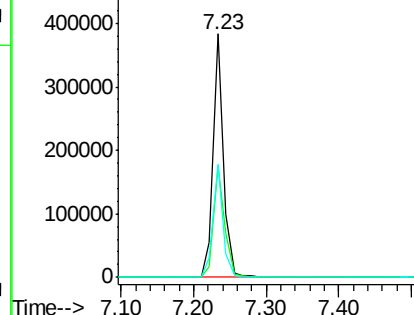
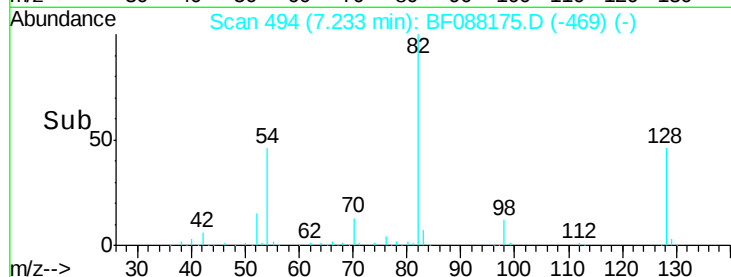
82 100

128 45.9 35.9 53.9

54 46.2 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: BF088175.D

Acq: 20 Jun 2016 16:31

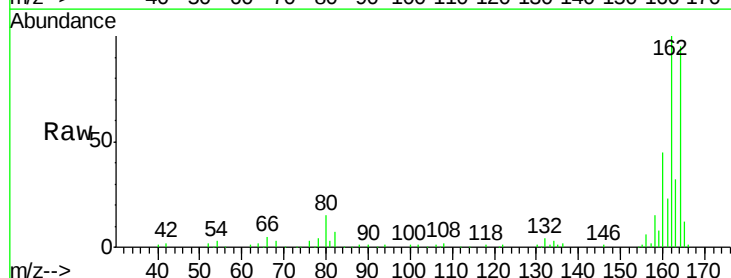
Tgt Ion:164 Resp: 150581

Ion Ratio Lower Upper

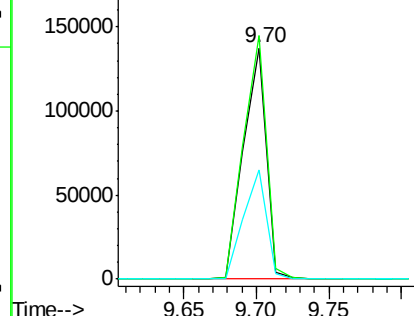
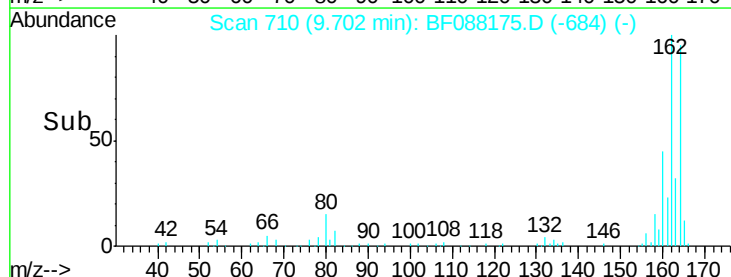
164 100

162 105.5 85.4 128.2

160 47.3 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

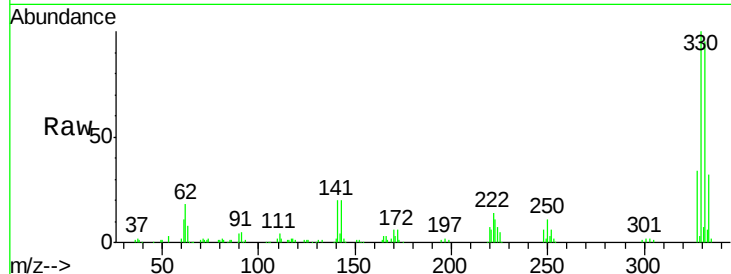




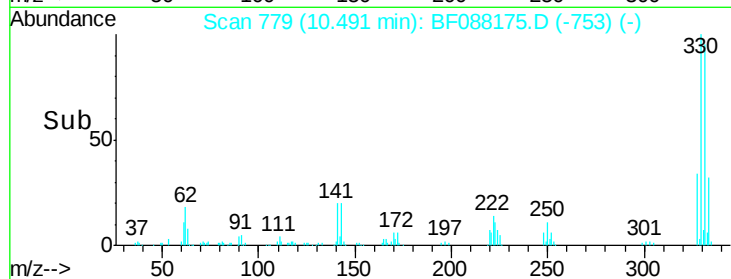
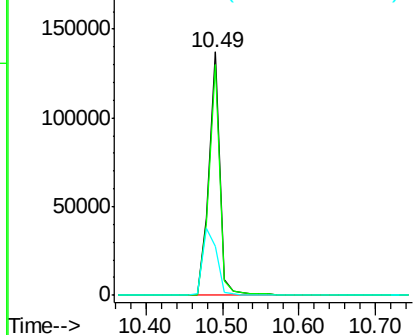
#41
 2,4,6-Tribromophenol
 Concen: 85.88 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088175.D
 Acq: 20 Jun 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91291TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	35.2	0.0	0.0#

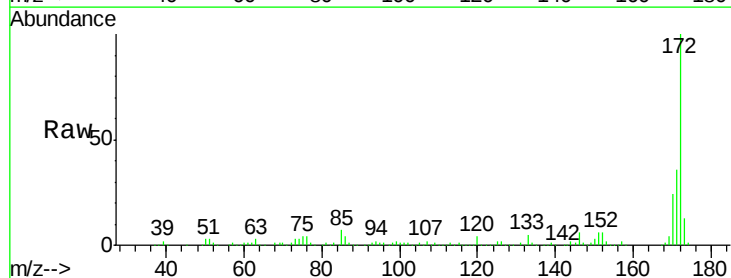


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

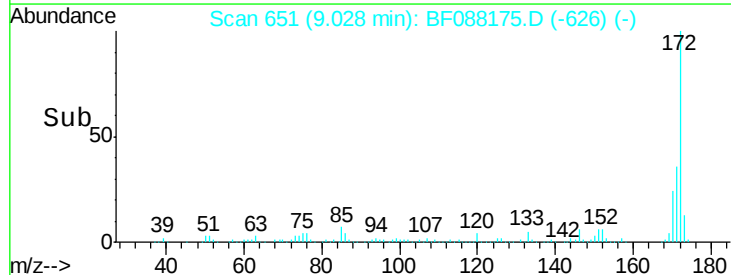
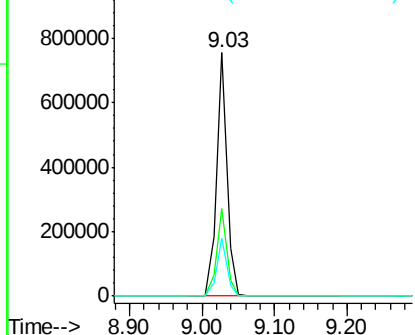


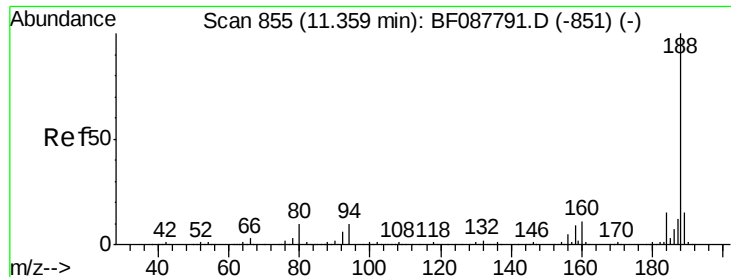
#44
 2-Fluorobiphenyl
 Concen: 78.60 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088175.D
 Acq: 20 Jun 2016 16:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	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

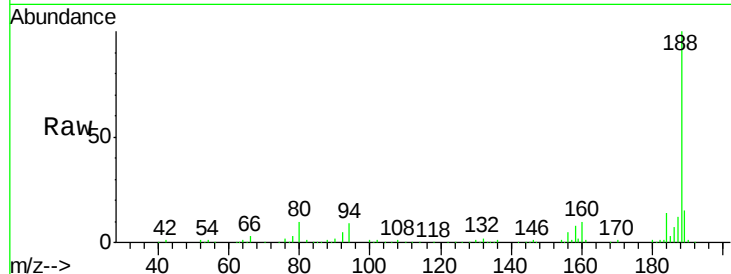




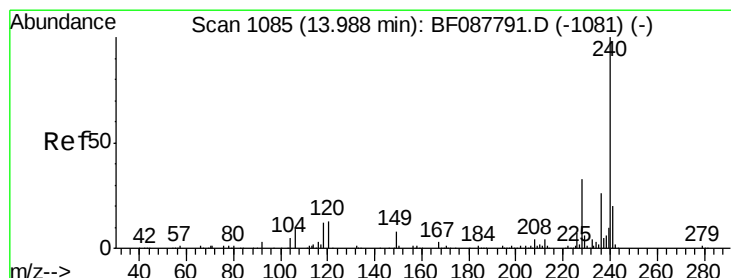
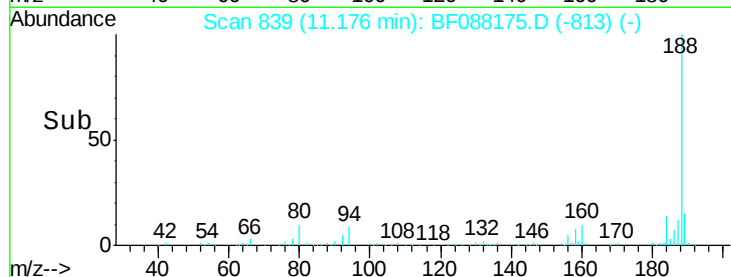
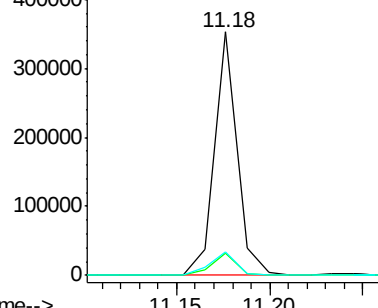
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088175.D
Acq: 20 Jun 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB91291TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.6
80	9.6	10.0	15.0#

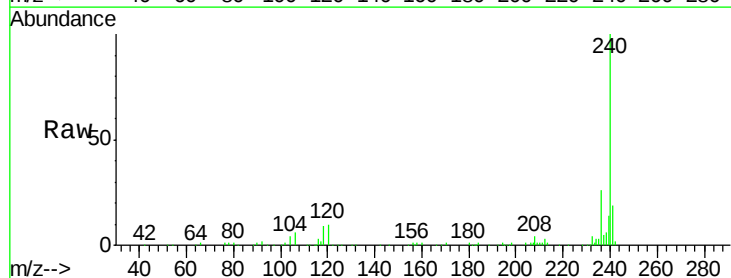


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

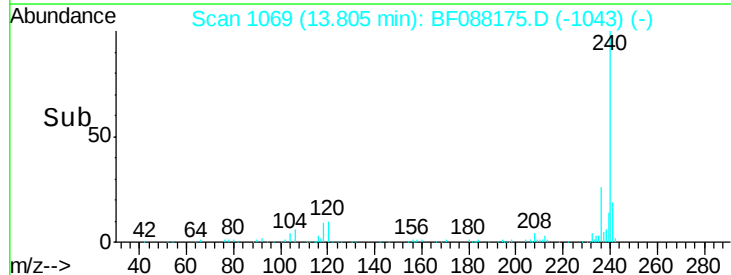
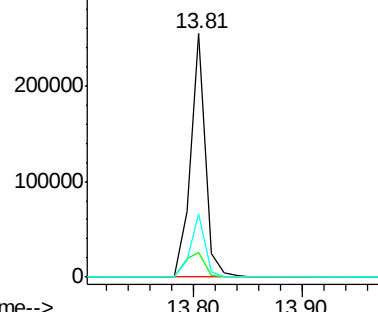


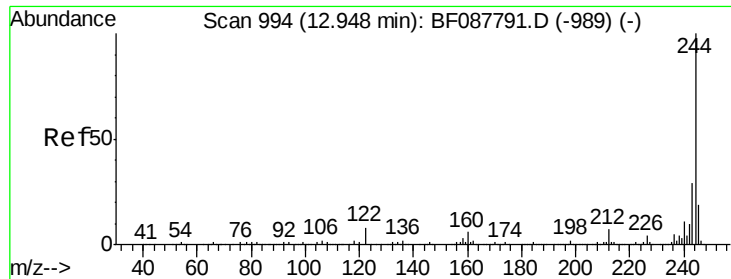
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088175.D
Acq: 20 Jun 2016 16:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.8	10.2#
236	25.9	20.2	30.2



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

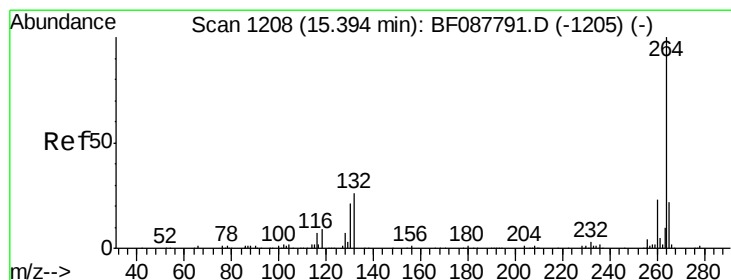
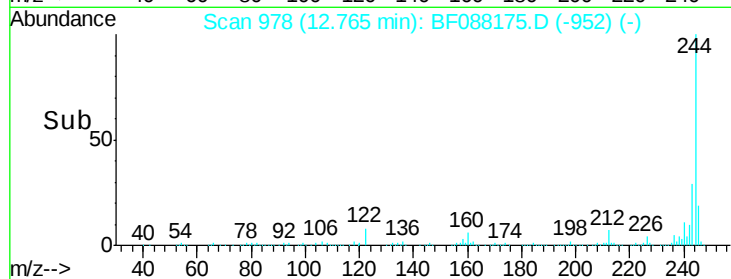
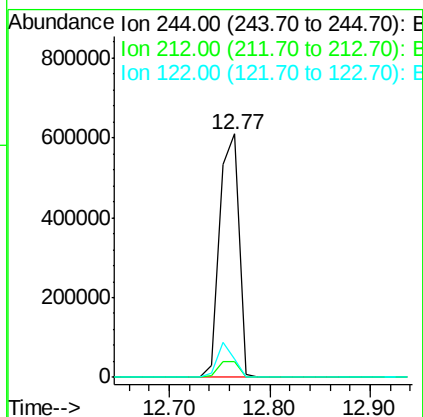
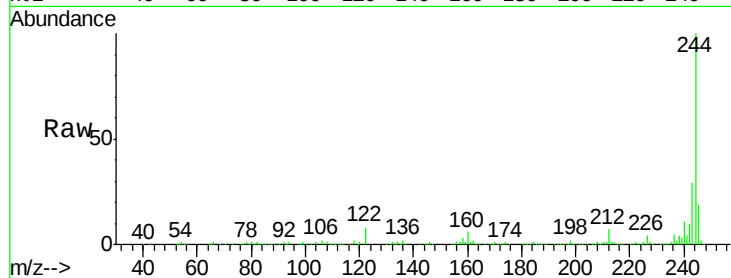




#78
 Terphenyl-d14
 Concen: 75.94 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088175.D
 Acq: 20 Jun 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91291TB

Tot Ion:244 Resp: 815075
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 7.7 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: BF088175.D
 Acq: 20 Jun 2016 16:31

Tgt Ion:264 Resp: 180468
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 16.9 25.3

