

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088821.D
 Acq On : 8 Jul 2016 13:04
 Operator : UM/SJ
 Sample : PB91866BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BL

Quant Time: Jul 08 19:16:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	75769	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	277422	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	138408	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	266012	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	241968	20.00	ng	-0.01
86) Perylene-d12	15.23	264	195623	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	595670	117.82	ng	0.01
7) Phenol-d6	6.38	99	811808	124.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	420117	79.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	173008	134.61	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	882510	100.72	ng	0.00
78) Terphenyl-d14	12.82	244	810841	74.64	ng	0.00

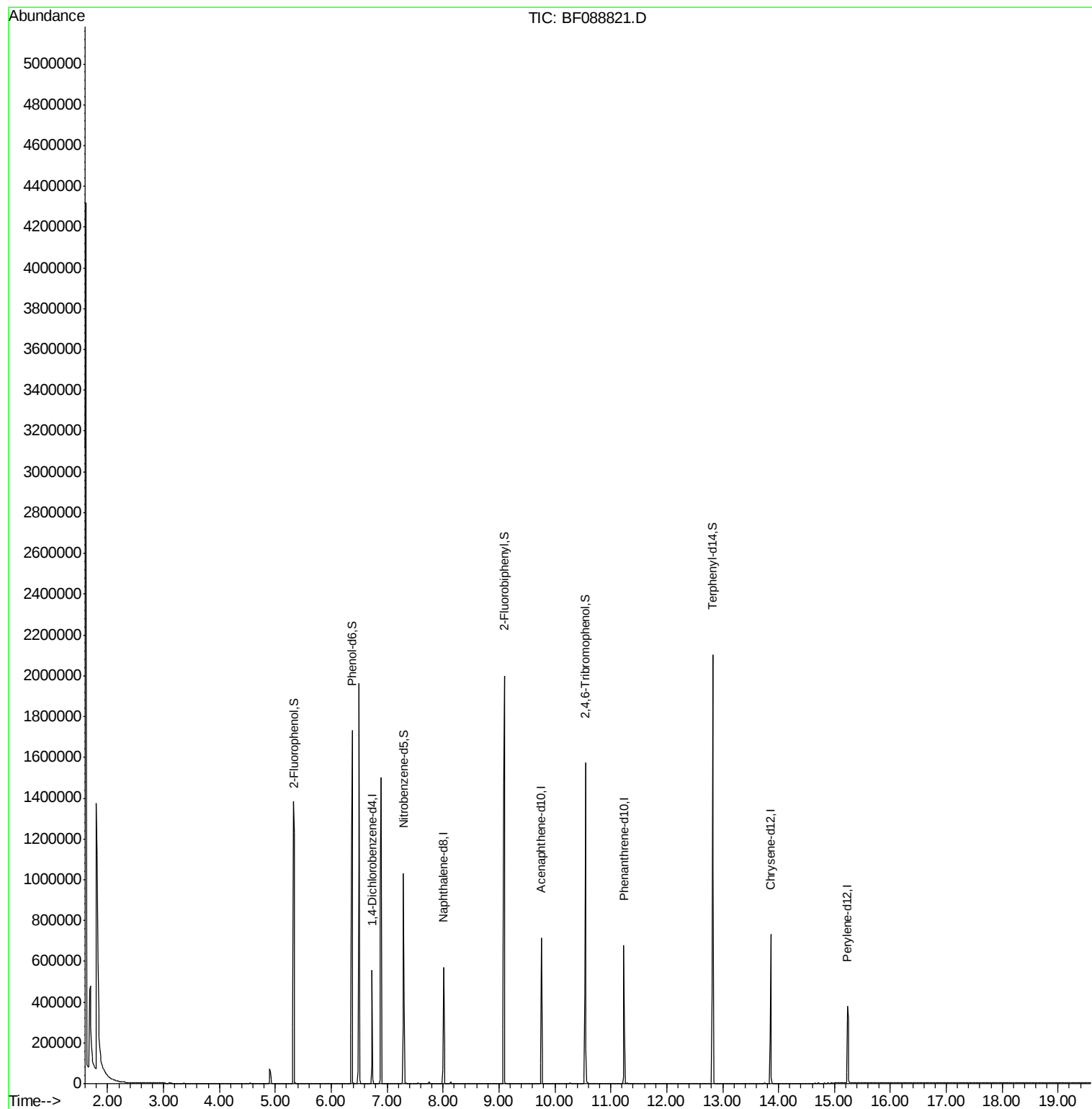
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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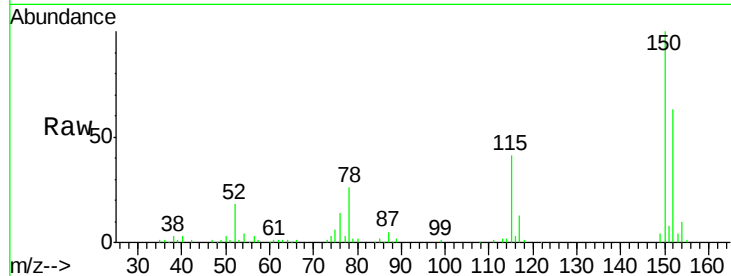


#1

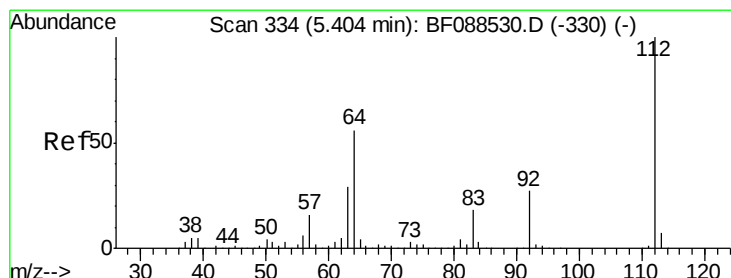
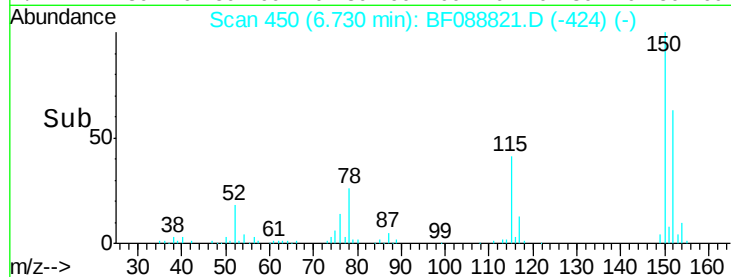
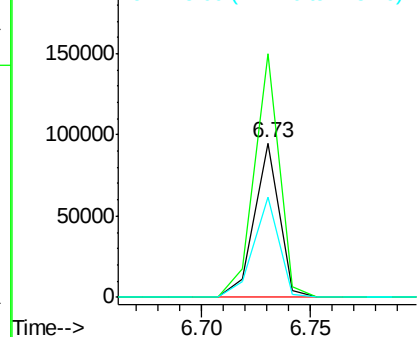
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF088821.D
Acq: 8 Jul 2016 13:04

Instrument :
BNA_F
ClientSampleId :
PB91866BL

Tgt Ion:152 Resp: 75769
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.6
115 64.9 39.6 59.4#



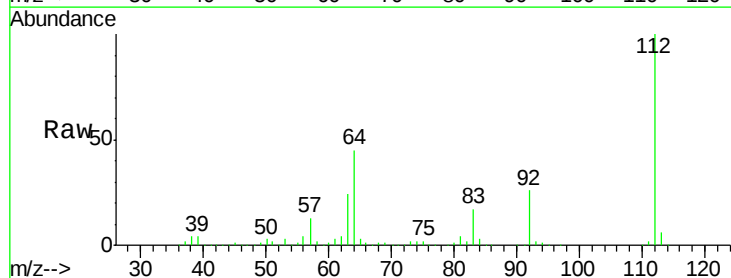
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



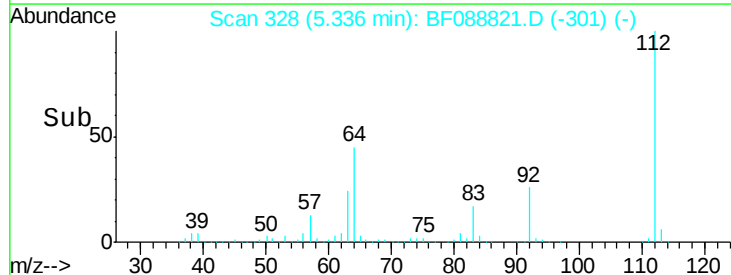
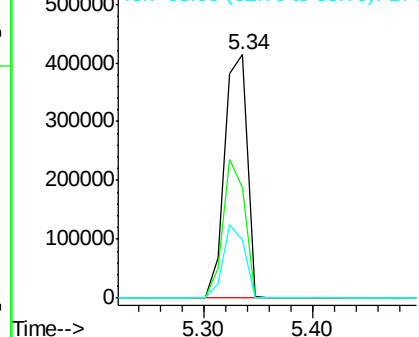
#5

2-Fluorophenol
Concen: 117.82 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.01 min
Lab File: BF088821.D
Acq: 8 Jul 2016 13:04

Tgt Ion:112 Resp: 595670
Ion Ratio Lower Upper
112 100
64 45.2 42.2 63.2
63 23.7 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: 124.27 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF088821.D

Acq: 8 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

PB91866BL

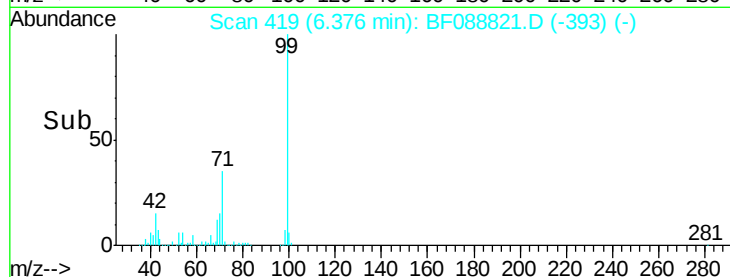
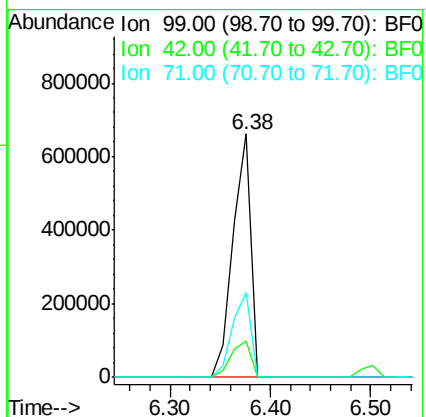
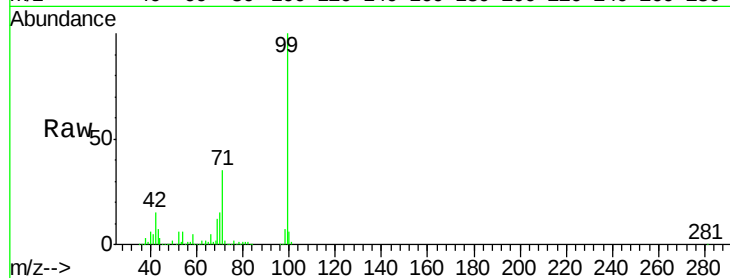
Tgt Ion: 99 Resp: 811808

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.2

71 35.0 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088821.D

Acq: 8 Jul 2016 13:04

Tgt Ion: 136 Resp: 277422

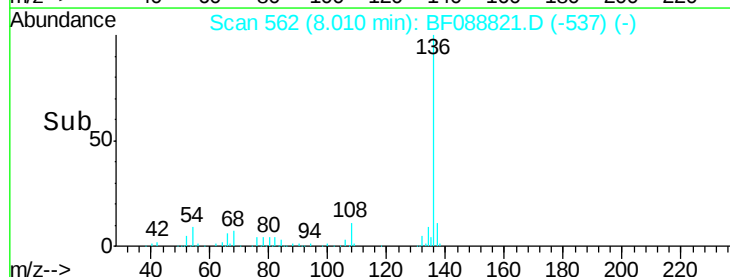
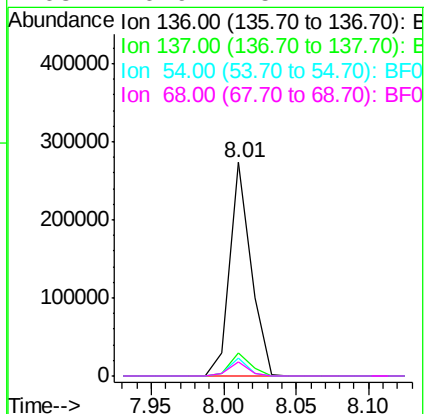
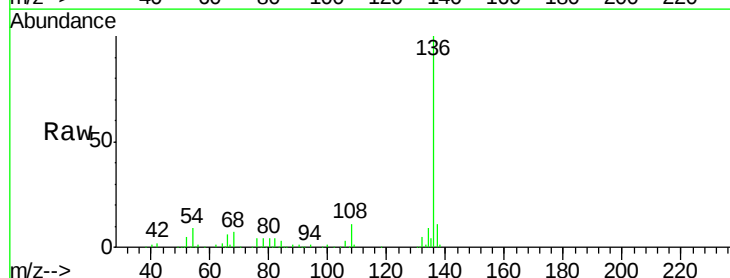
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.5 6.6 10.0

68 6.9 5.1 7.7

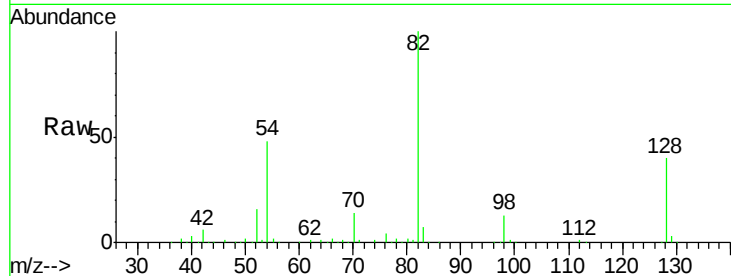




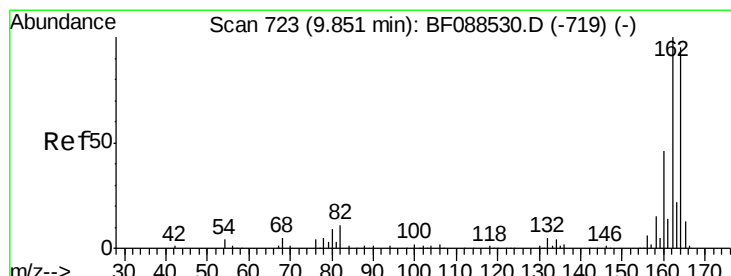
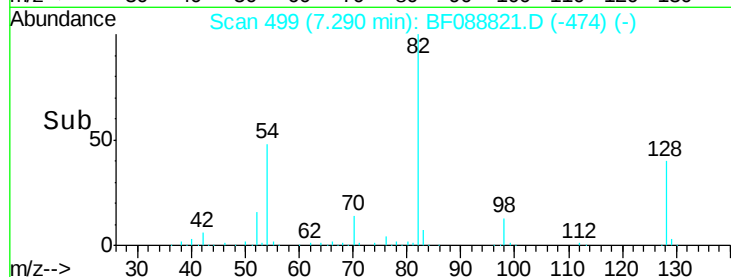
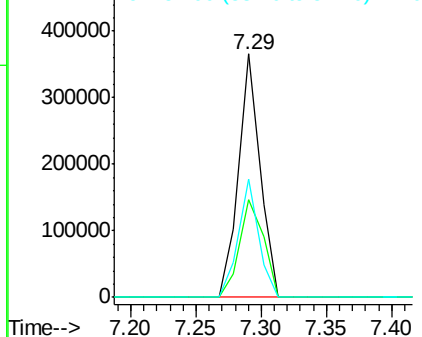
#23
 Nitrobenzene-d5
 Concen: 79.36 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088821.D
 Acq: 8 Jul 2016 13:04

Instrument :
 BNA_F
 ClientSampleID :
 PB91866BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	35.9	53.9
54	48.4	40.9	61.3

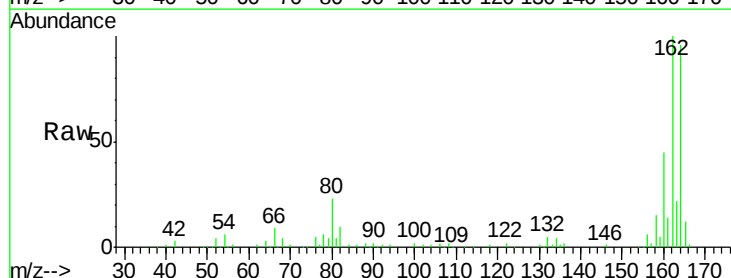


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

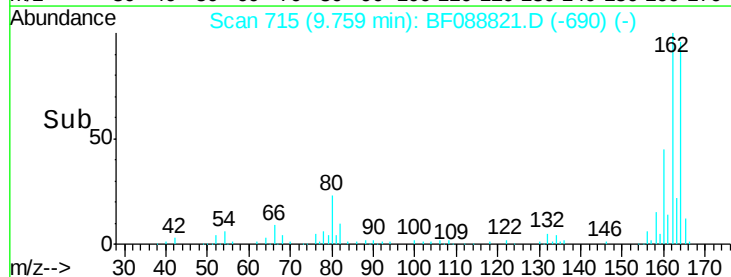
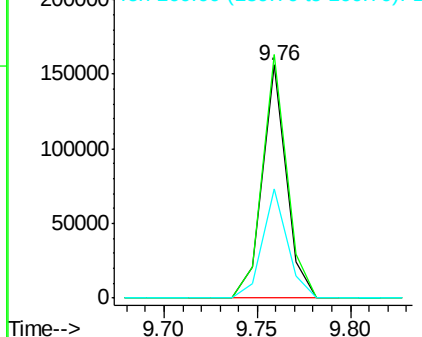


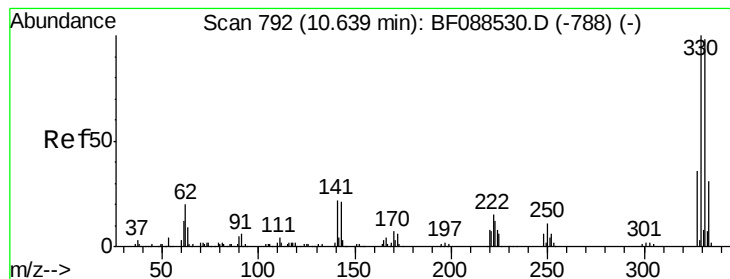
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088821.D
 Acq: 8 Jul 2016 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.2
160	46.9	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

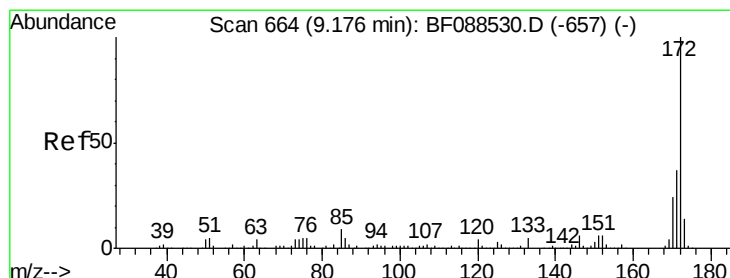
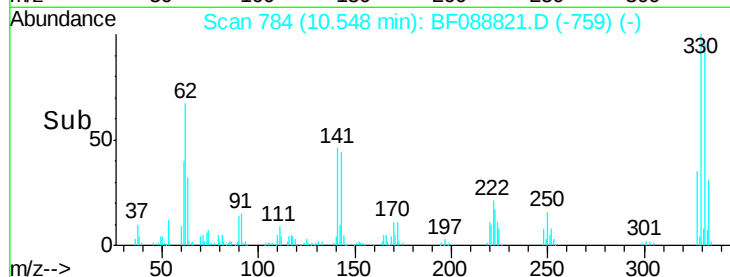
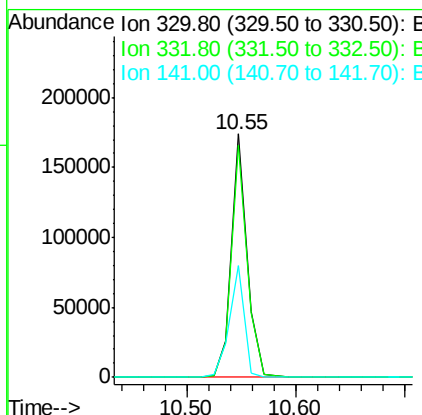
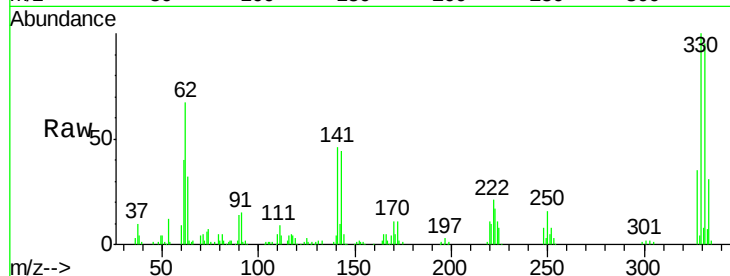




#41
 2,4,6-Tribromophenol
 Concen: 134.61 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088821.D
 Acq: 8 Jul 2016 13:04

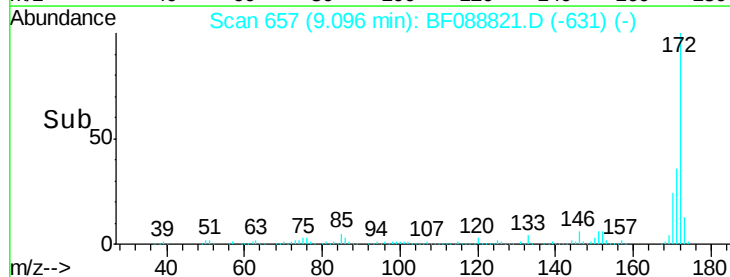
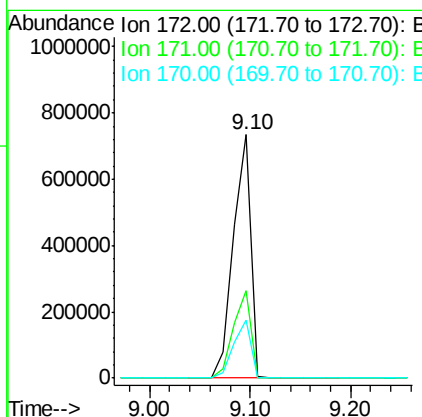
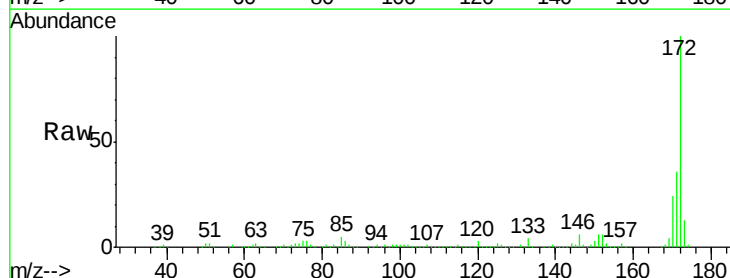
Instrument :
 BNA_F
 ClientSampled :
 PB91866BL

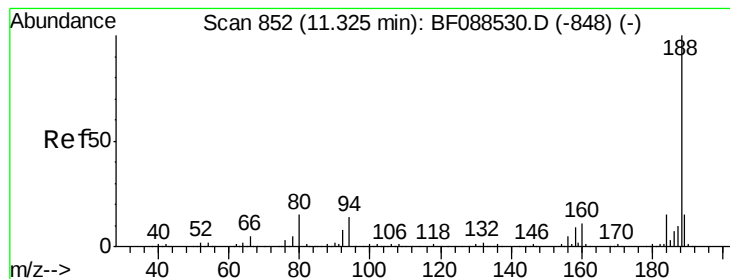
Tgt Ion:330 Resp: 173008
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 43.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 100.72 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF088821.D
 Acq: 8 Jul 2016 13:04

Tgt Ion:172 Resp: 882510
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.6 19.2 28.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088821.D

Acq: 8 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

PB91866BL

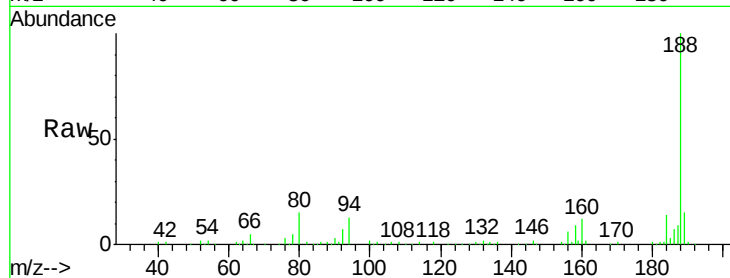
Tgt Ion:188 Resp: 266012

Ion Ratio Lower Upper

188 100

94 12.9 9.0 13.6

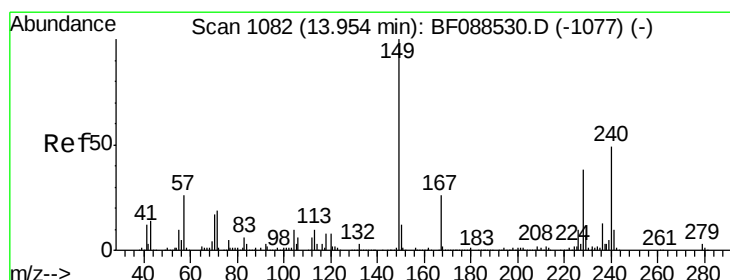
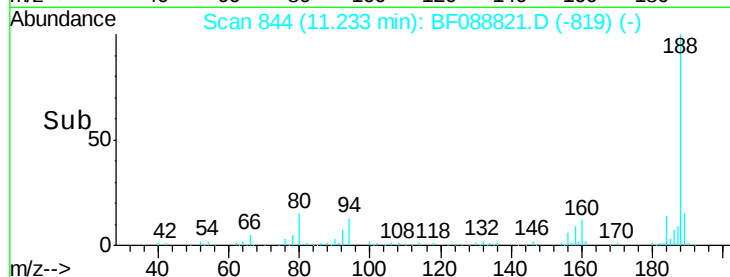
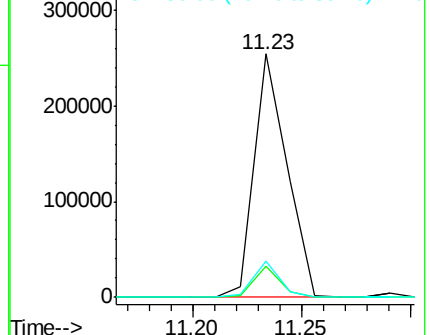
80 15.0 10.0 15.0#



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: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088821.D

Acq: 8 Jul 2016 13:04

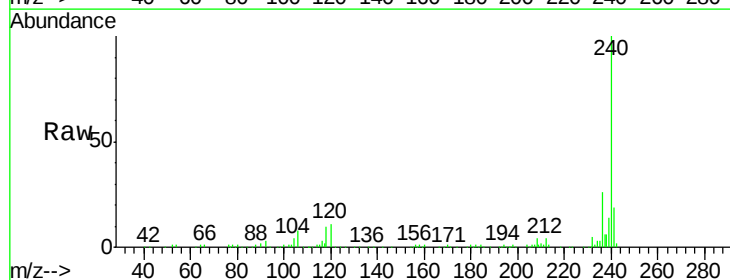
Tgt Ion:240 Resp: 241968

Ion Ratio Lower Upper

240 100

120 10.7 6.8 10.2#

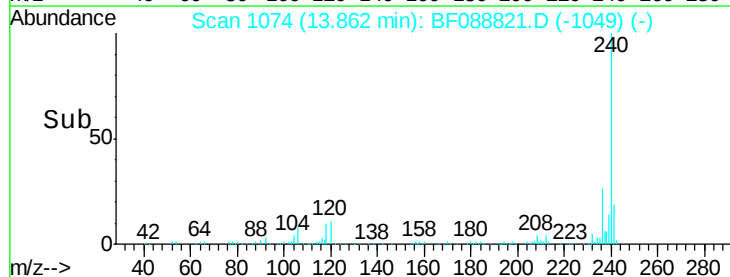
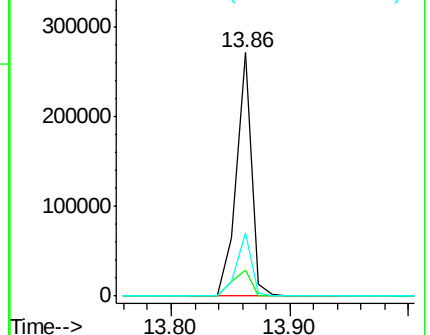
236 25.7 20.2 30.2



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

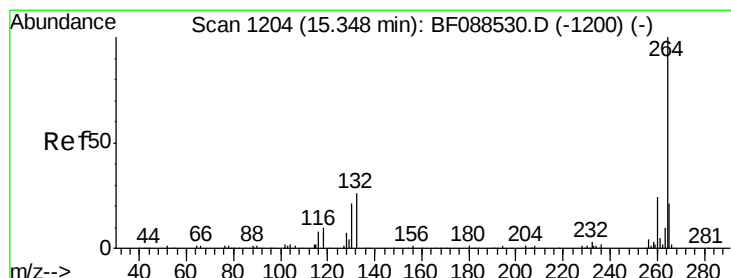
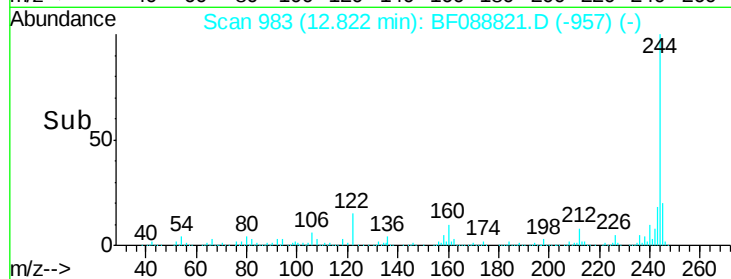
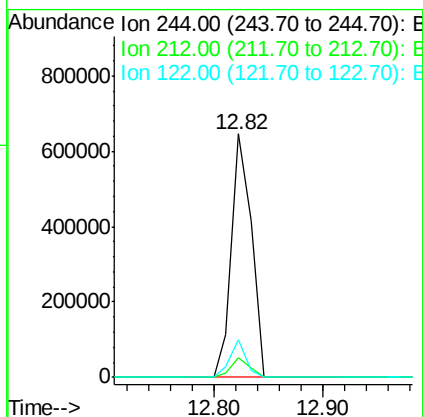
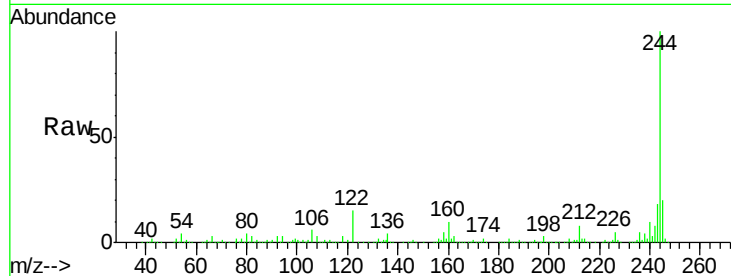




#78
 Terphenyl-d14
 Concen: 74.64 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF088821.D
 Acq: 8 Jul 2016 13:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BL

Tgt Ion:244 Resp: 810841
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.3 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088821.D
 Acq: 8 Jul 2016 13:04

Tgt Ion:264 Resp: 195623
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.0 16.9 25.3

