

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088639.D
 Acq On : 3 Jul 2016 10:13
 Operator : UM/SJ
 Sample : PB91727BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BL

Quant Time: Jul 04 05:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114651	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	465245	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	214120	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	436152	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	366661	20.00	ng	-0.03
86) Perylene-d12	15.31	264	357834	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	603438	78.88	ng	-0.02
7) Phenol-d6	6.42	99	932759	94.36	ng	-0.02
23) Nitrobenzene-d5	7.35	82	577364	65.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	195861	98.51	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	921994	68.02	ng	-0.03
78) Terphenyl-d14	12.88	244	894492	54.34	ng	-0.03

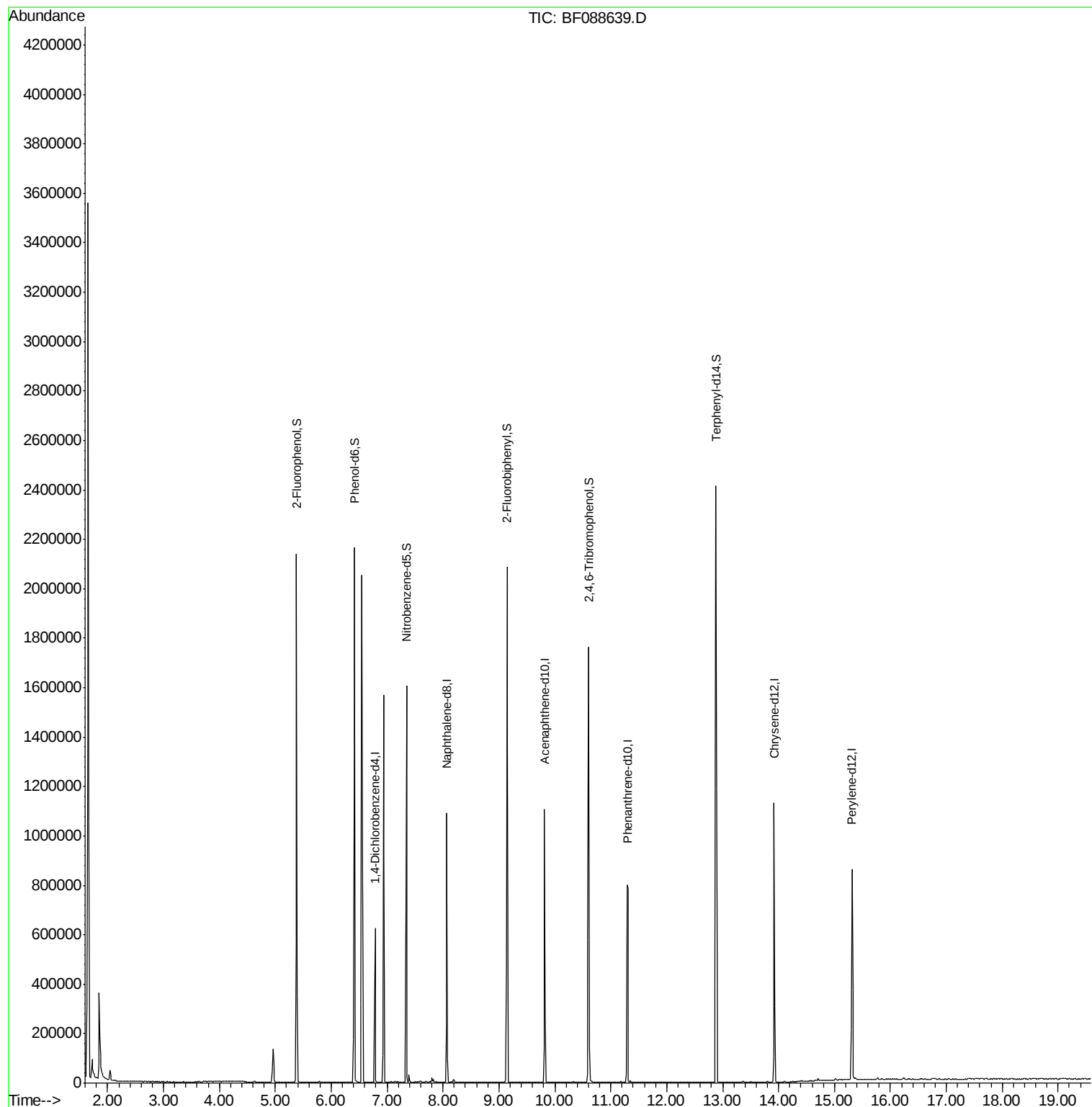
Target Compounds Qvalue

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

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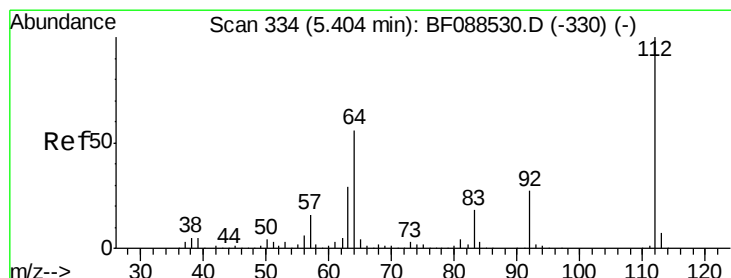
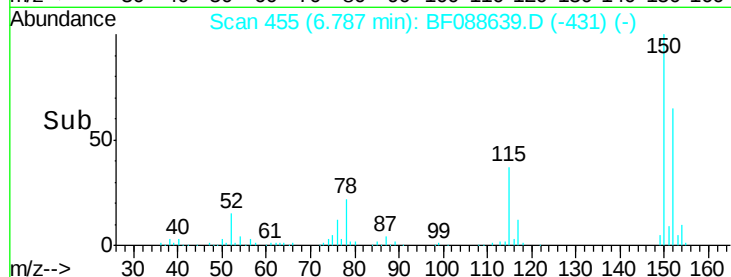
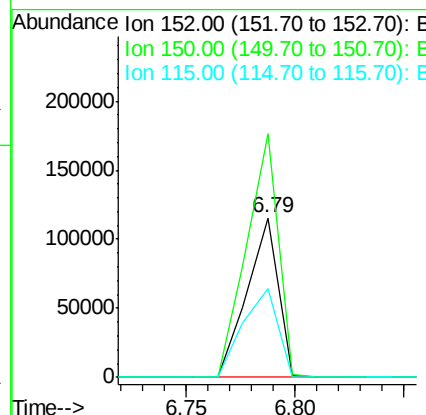
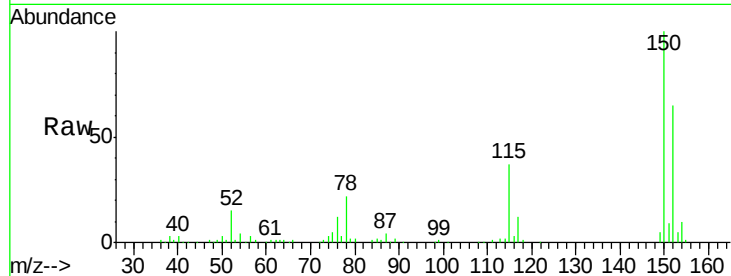


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Instrument :
BNA_F
ClientSampleId :
PB91727BL

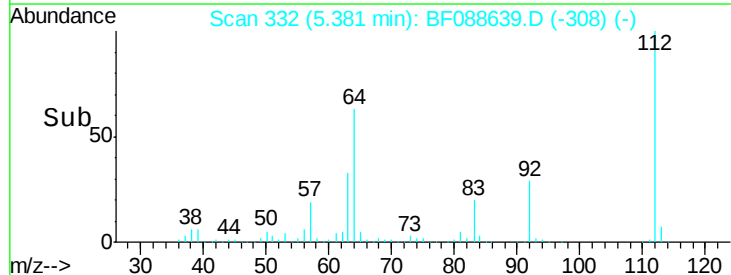
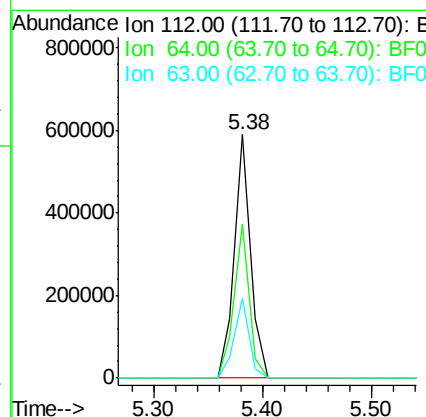
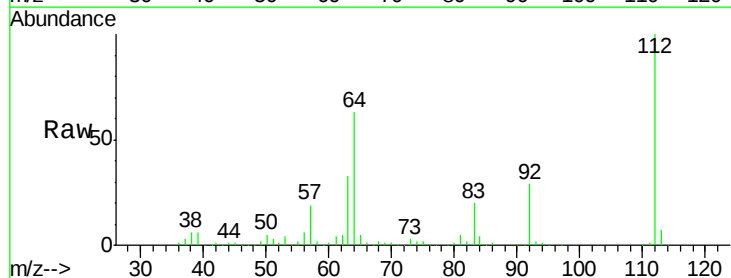
Tot Ion:152 Resp: 114651
Ion Ratio Lower Upper
152 100
150 152.7 123.8 185.6
115 55.9 39.6 59.4



#5

2-Fluorophenol
Concen: 78.88 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Tgt Ion:112 Resp: 603438
Ion Ratio Lower Upper
112 100
64 63.0 42.2 63.2
63 32.6 21.8 32.8





#7

Phenol-d6

Concen: 94.36 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

PB91727BL

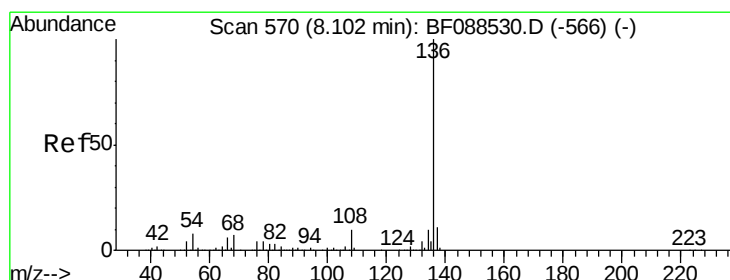
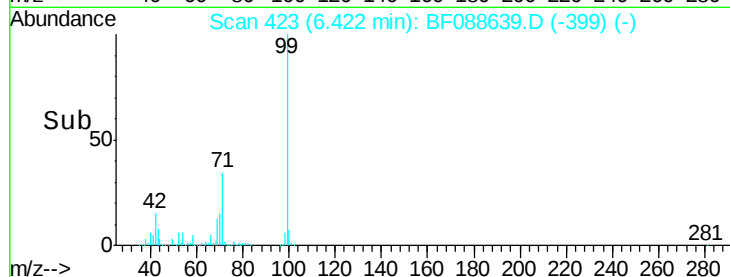
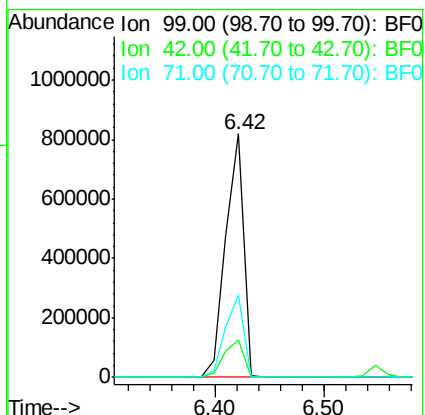
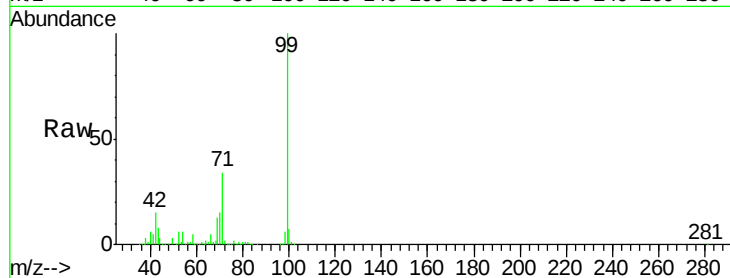
Tot Ion: 99 Resp: 932759

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

71 34.0 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

Tgt Ion: 136 Resp: 465245

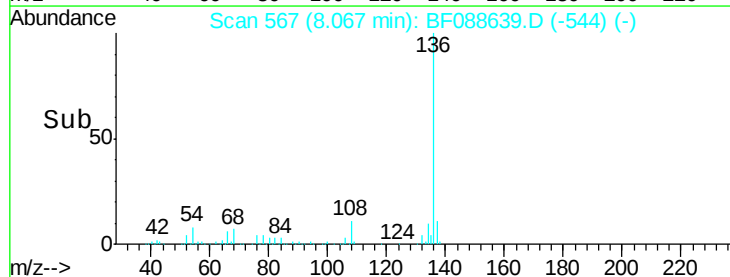
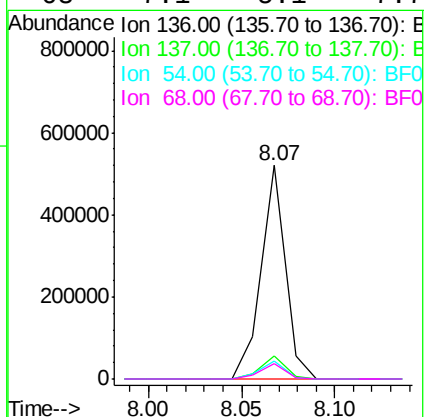
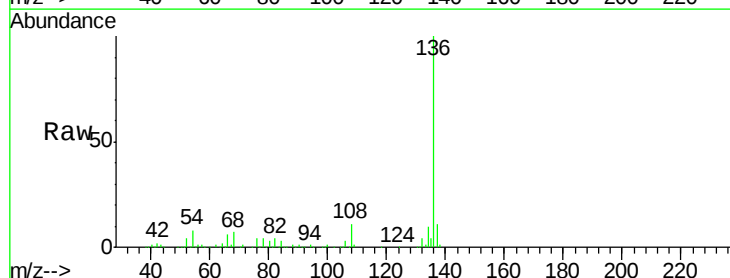
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.2 6.6 10.0

68 7.1 5.1 7.7

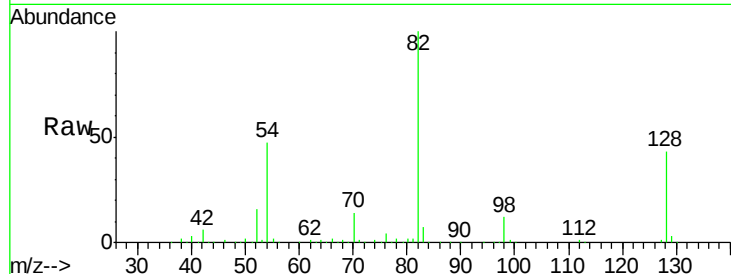




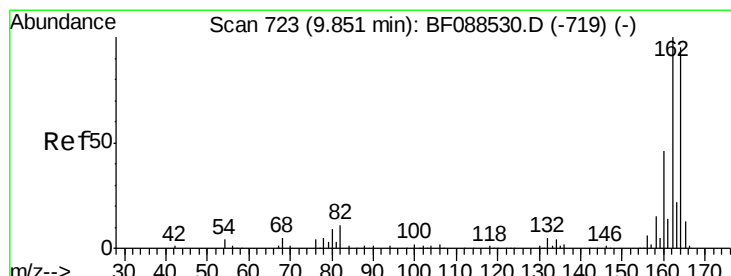
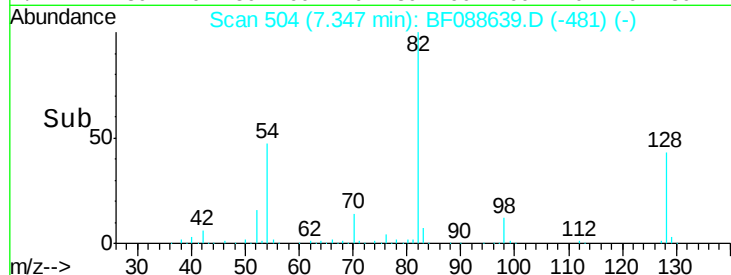
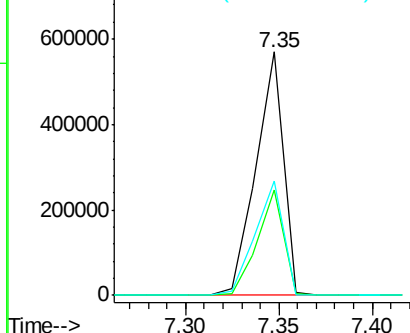
#23
 Nitrobenzene-d5
 Concen: 65.03 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088639.D
 Acq: 3 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BL

Tot Ion	82	Resp	577364
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.9	53.9
54	46.8	40.9	61.3

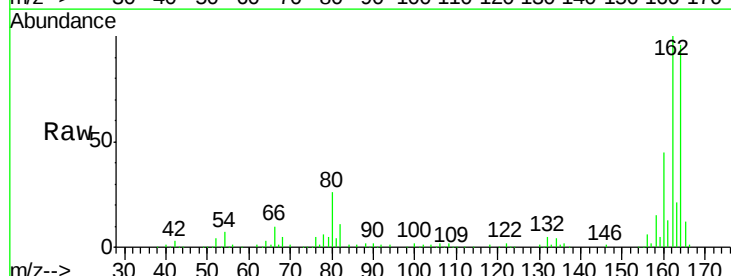


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

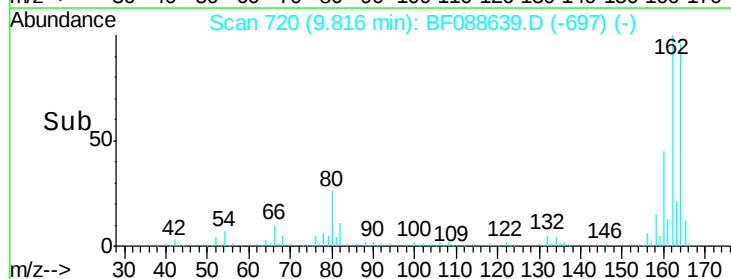
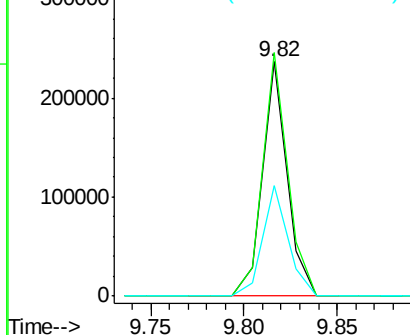


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088639.D
 Acq: 3 Jul 2016 10:13

Tgt Ion	164	Resp	214120
Ion Ratio	Lower	Upper	
164	100		
162	103.8	85.4	128.2
160	47.1	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

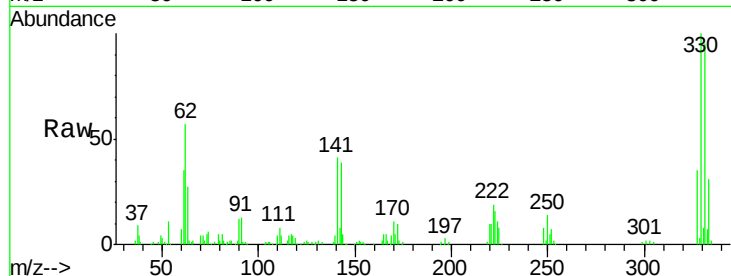




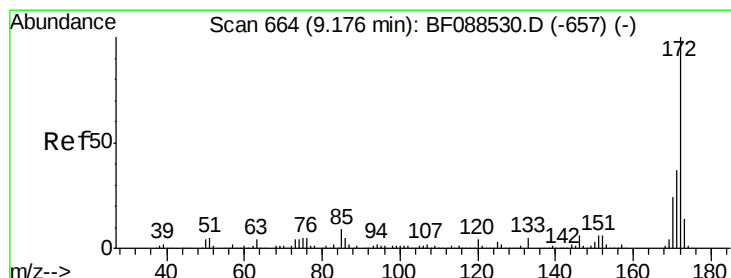
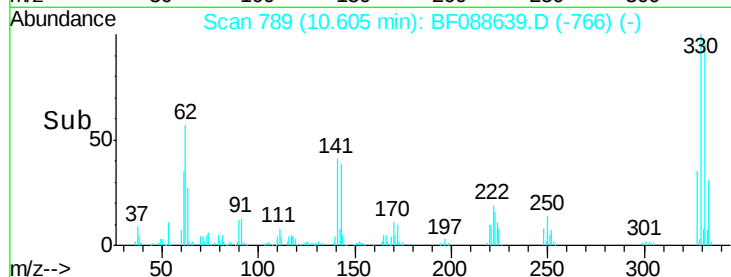
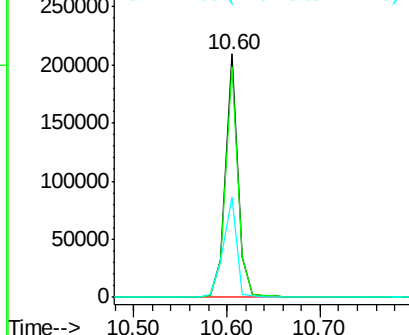
#41
 2,4,6-Tribromophenol
 Concen: 98.51 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088639.D
 Acq: 3 Jul 2016 10:13

Instrument :
 BNA_F
 ClientSampled :
 PB91727BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	43.8	0.0	0.0#

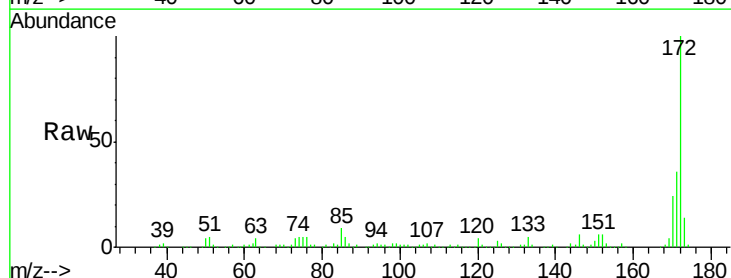


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

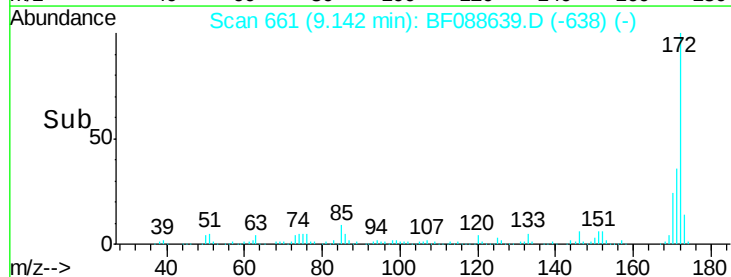
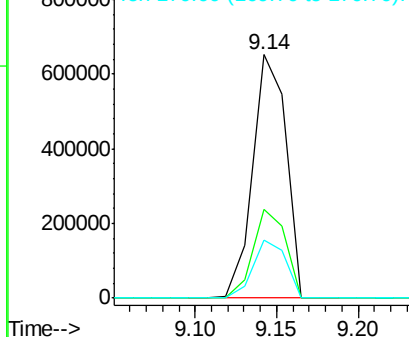


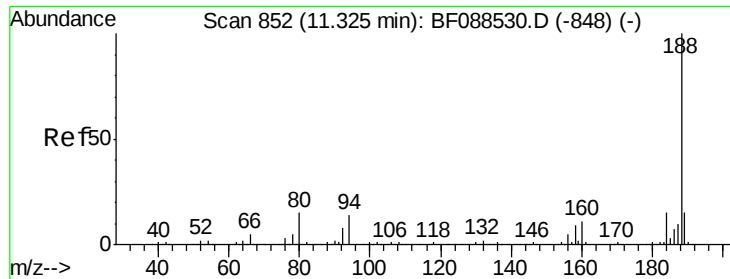
#44
 2-Fluorobiphenyl
 Concen: 68.02 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088639.D
 Acq: 3 Jul 2016 10:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

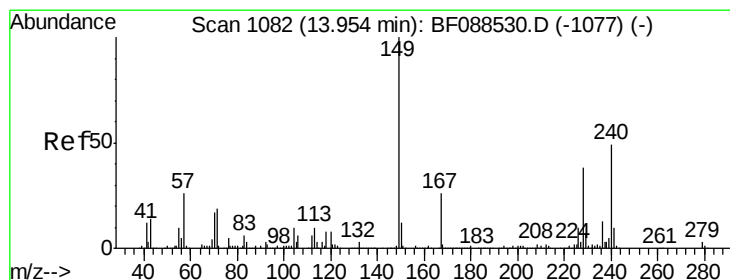
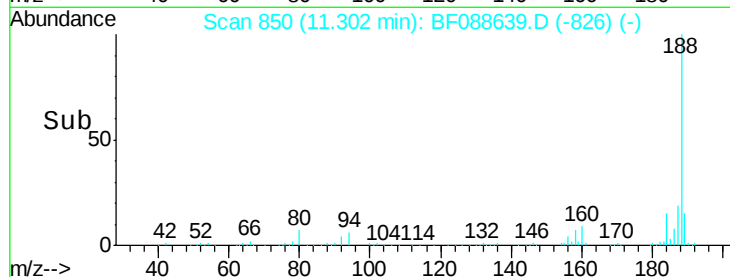
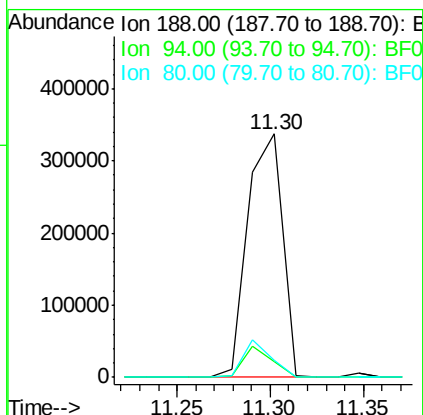
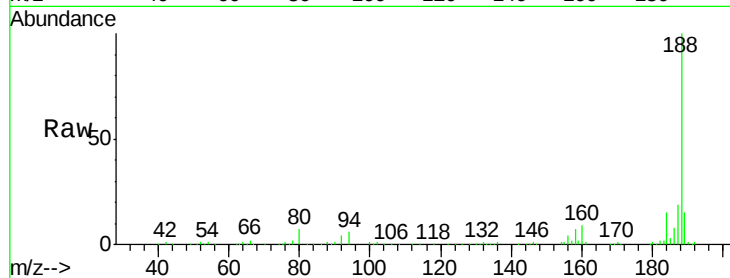




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

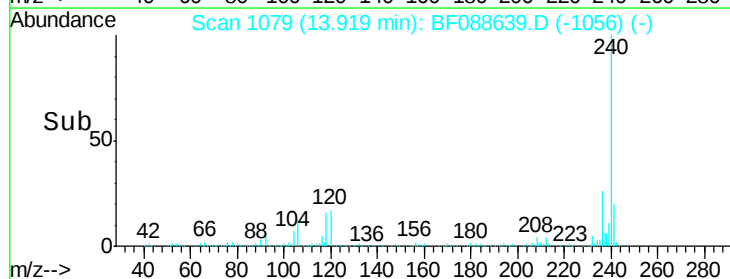
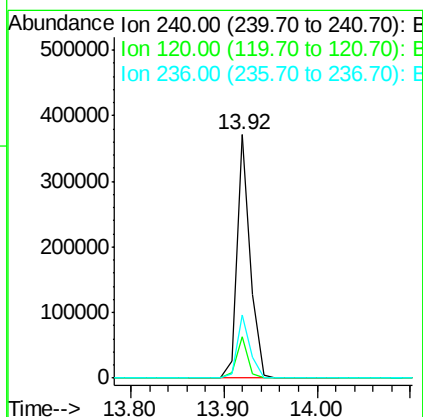
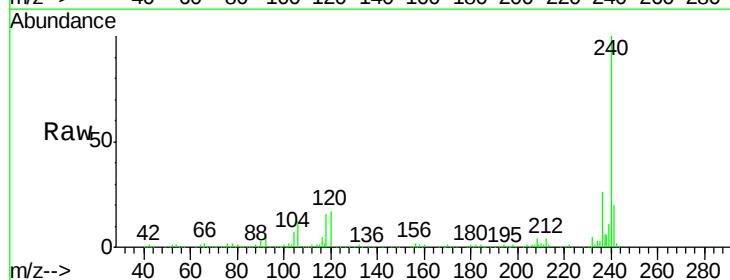
Instrument :
BNA_F
ClientSampleId :
PB91727BL

Tot Ion:188 Resp: 436152
Ion Ratio Lower Upper
188 100
94 6.5 9.0 13.6#
80 6.8 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088639.D
Acq: 3 Jul 2016 10:13

Tgt Ion:240 Resp: 366661
Ion Ratio Lower Upper
240 100
120 16.8 6.8 10.2#
236 25.8 20.2 30.2





#78

Terphenyl-d14

Concen: 54.34 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

Instrument :

BNA_F

ClientSampleId :

PB91727BL

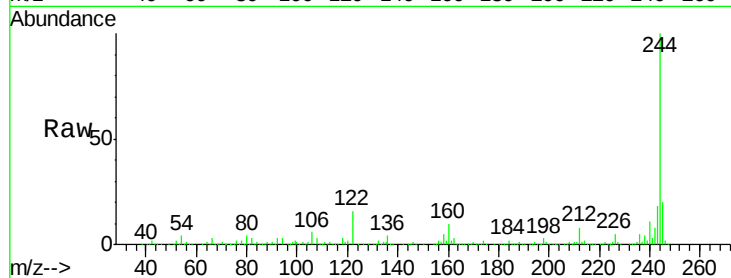
Tot Ion:244 Resp: 894492

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

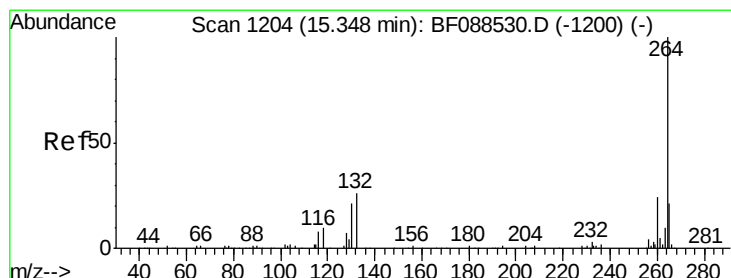
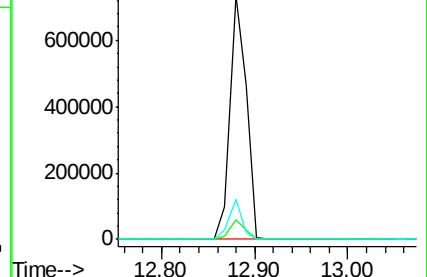
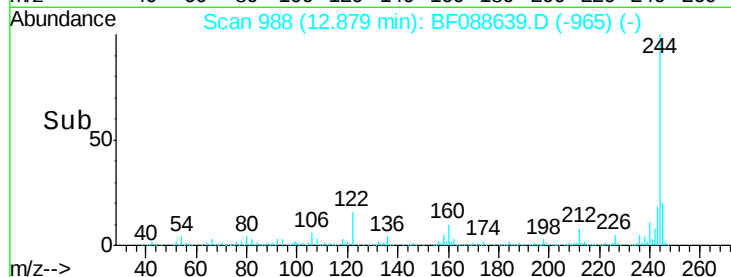
122 16.3 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF088639.D

Acq: 3 Jul 2016 10:13

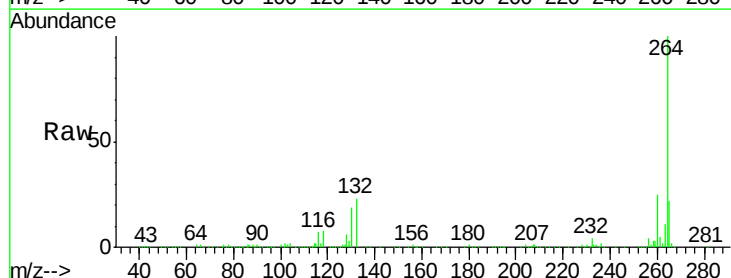
Tgt Ion:264 Resp: 357834

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.9 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

