

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088641.D
 Acq On : 3 Jul 2016 11:11
 Operator : UM/SJ
 Sample : PB91776BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BL

Quant Time: Jul 04 05:33:01 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	109580	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	436822	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	204803	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	402720	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	362682	20.00	ng	-0.03
86) Perylene-d12	15.31	264	340075	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	845335	115.61	ng	-0.02
7) Phenol-d6	6.42	99	999987	105.85	ng	-0.02
23) Nitrobenzene-d5	7.35	82	680630	81.65	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	240239	126.32	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1165840	89.92	ng	-0.02
78) Terphenyl-d14	12.89	244	1173855	72.09	ng	-0.02

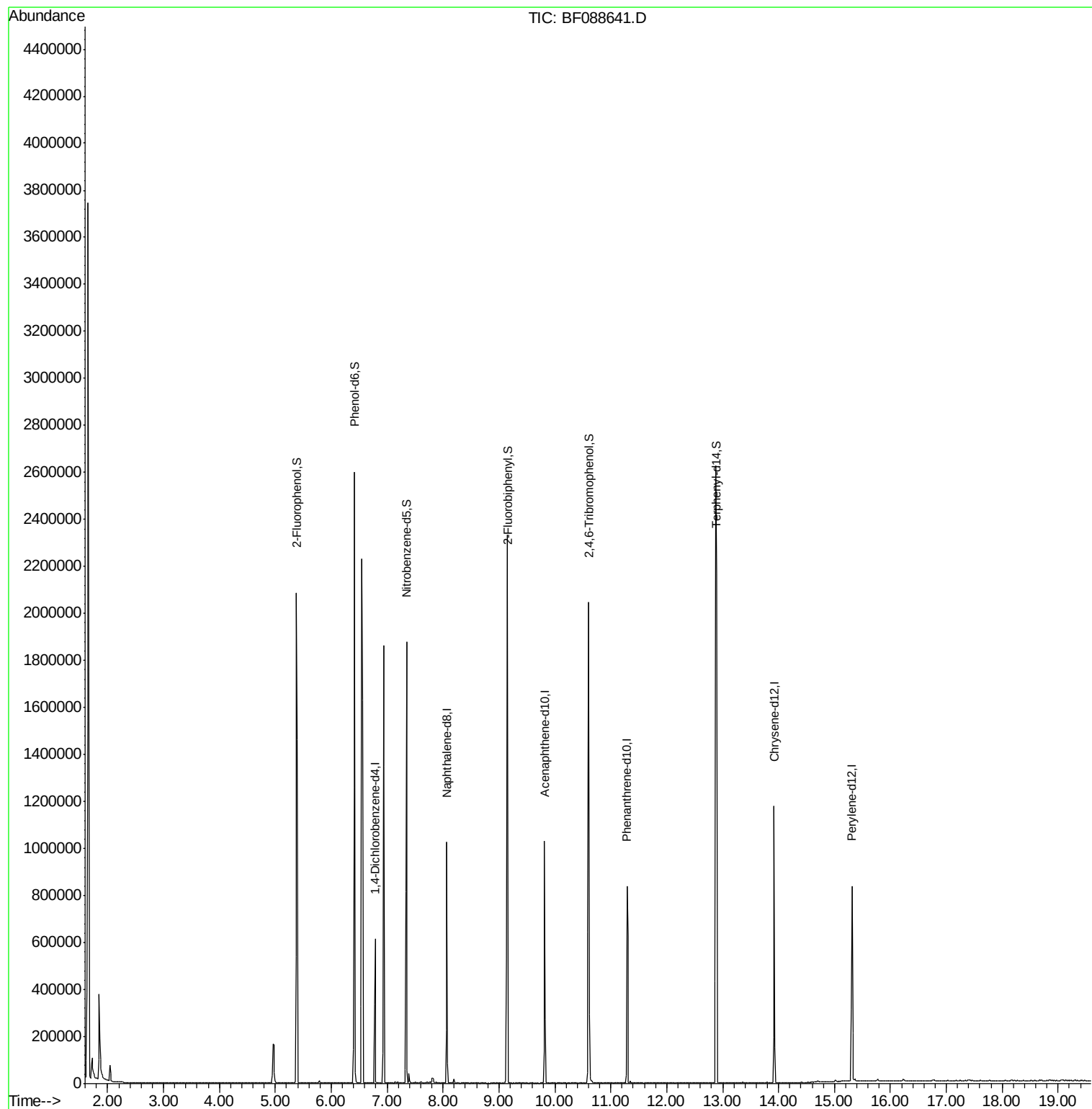
Target Compounds Qvalue

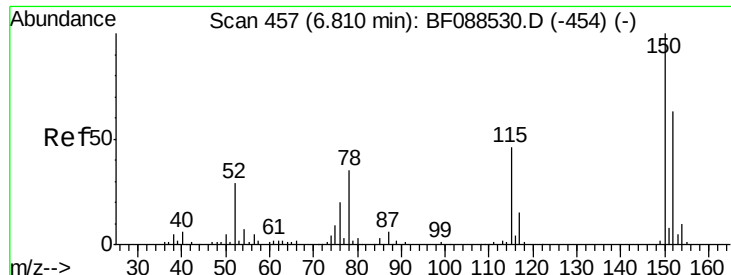
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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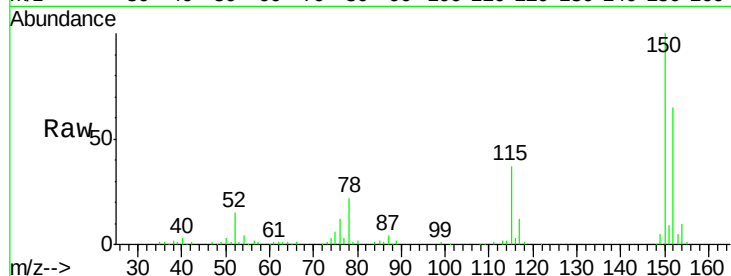


#1

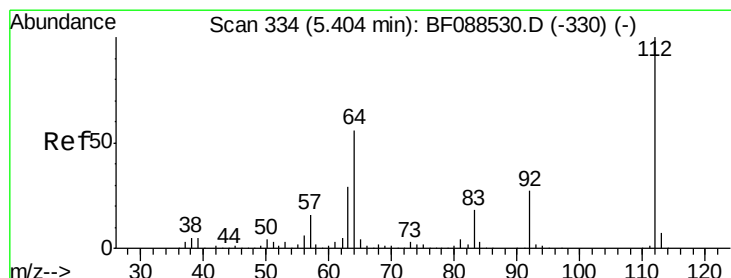
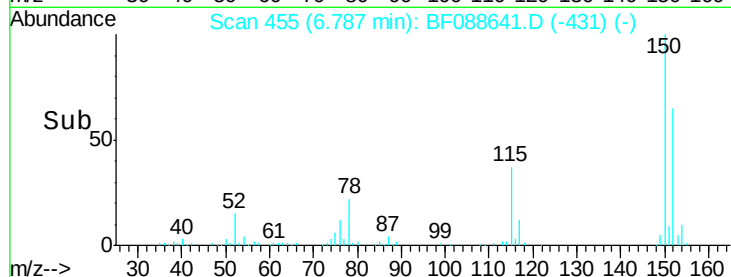
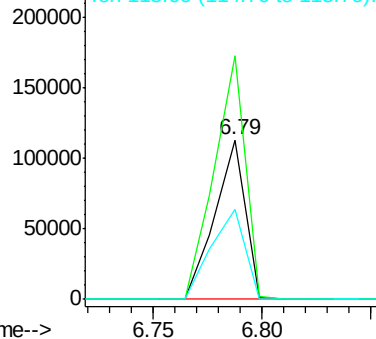
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088641.D
Acq: 3 Jul 2016 11:11

Instrument :
BNA_F
ClientSampled :
PB91776BL

Tot Ion:152 Resp: 109580
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 56.4 39.6 59.4



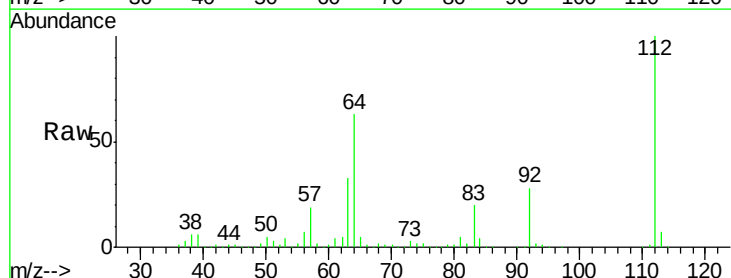
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



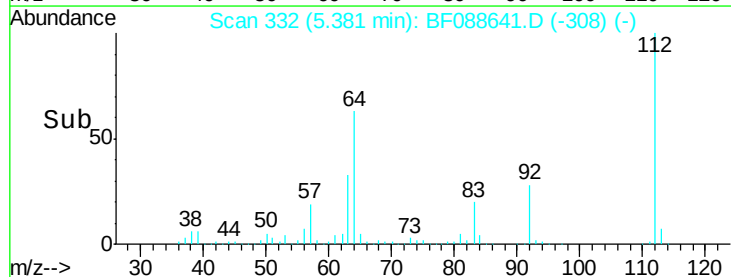
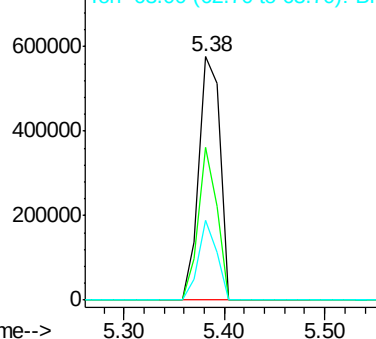
#5

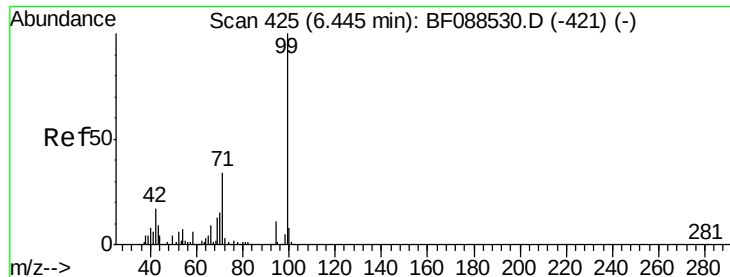
2-Fluorophenol
Concen: 115.61 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088641.D
Acq: 3 Jul 2016 11:11

Tgt Ion:112 Resp: 845335
Ion Ratio Lower Upper
112 100
64 62.9 42.2 63.2
63 32.5 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: 105.85 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

PB91776BL

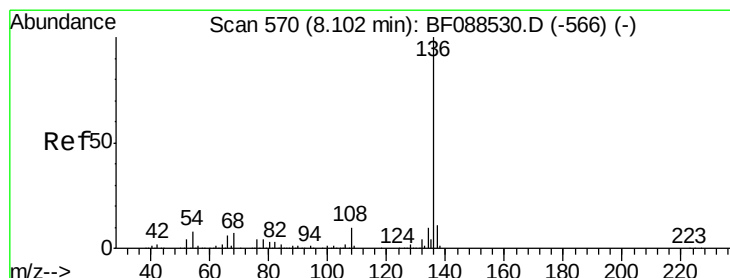
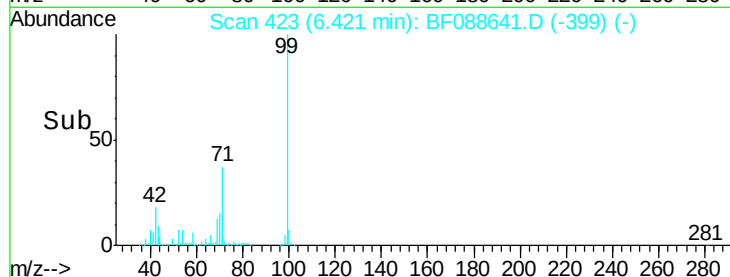
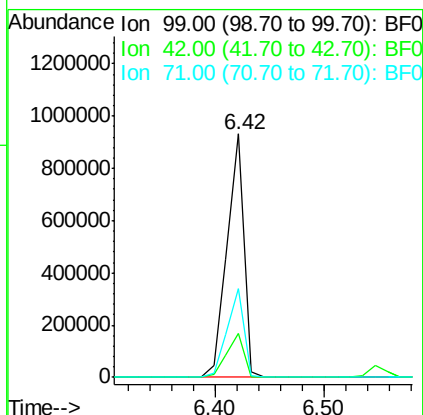
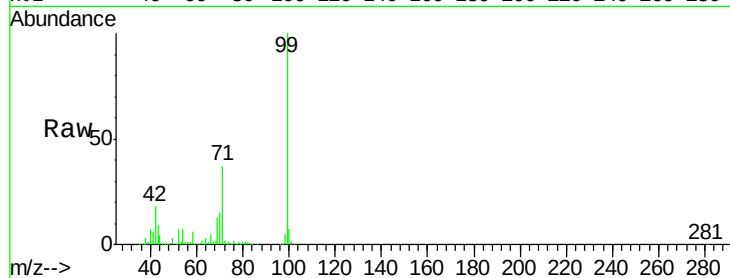
Tot Ion: 99 Resp: 999987

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 36.6 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: BF088641.D

Acq: 3 Jul 2016 11:11

Tgt Ion: 136 Resp: 436822

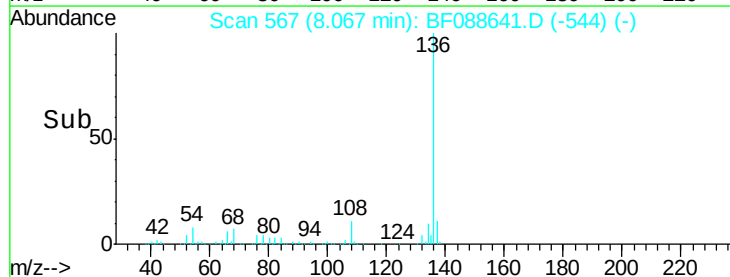
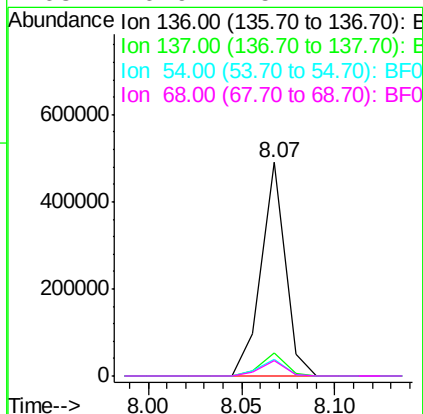
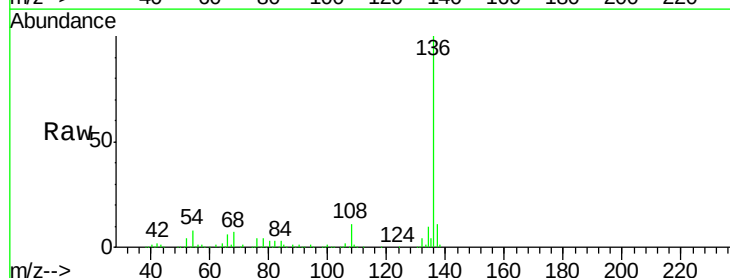
Ion Ratio Lower Upper

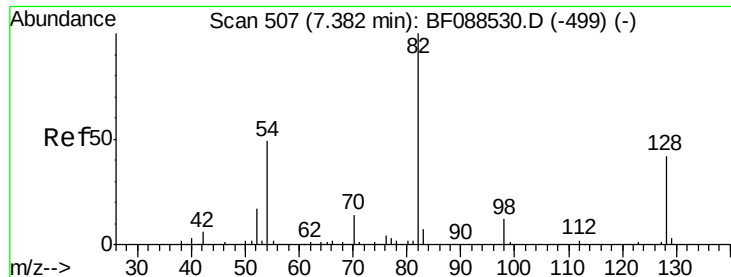
136 100

137 11.1 9.1 13.7

54 8.0 6.6 10.0

68 6.9 5.1 7.7

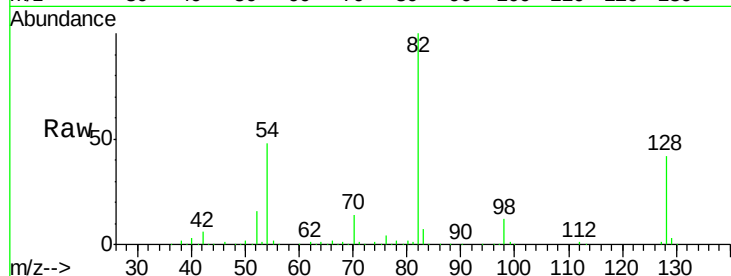




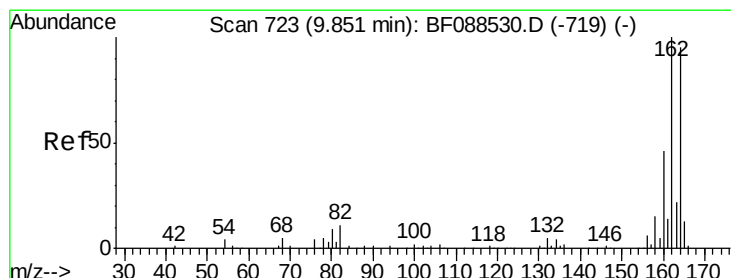
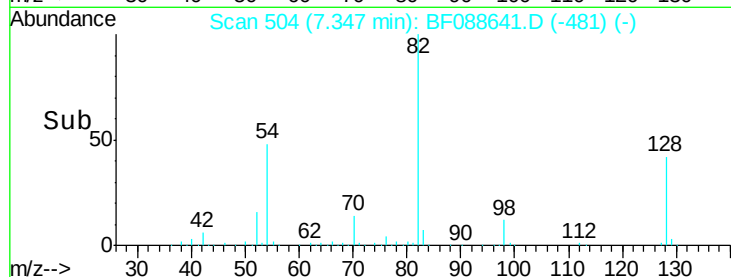
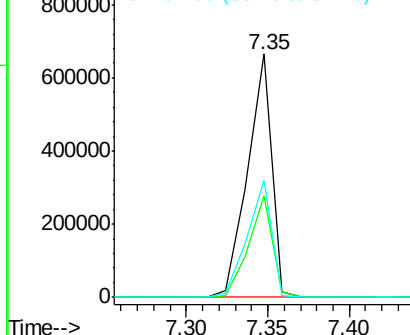
#23
Nitrobenzene-d5
Concen: 81.65 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088641.D
Acq: 3 Jul 2016 11:11

Instrument :
BNA_F
ClientSampled :
PB91776BL

Tot Ion: 82 Resp: 680630
Ion Ratio Lower Upper
82 100
128 41.7 35.9 53.9
54 47.8 40.9 61.3

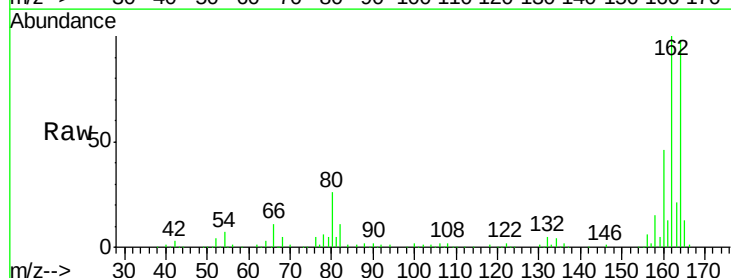


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

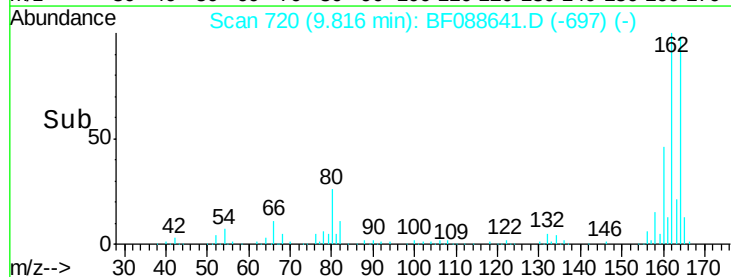
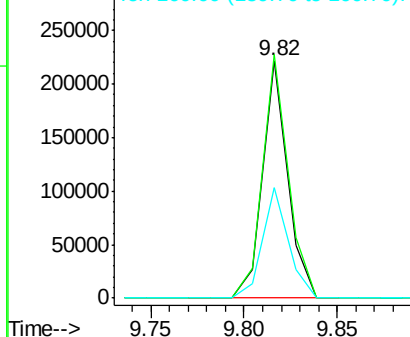


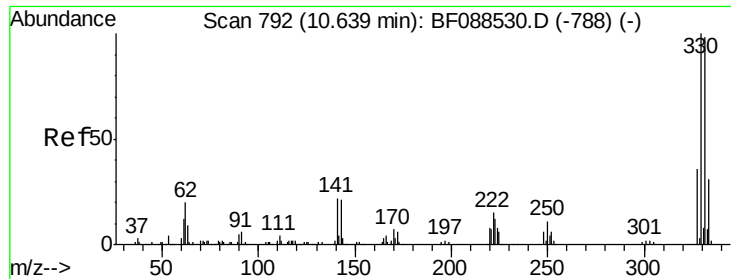
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088641.D
Acq: 3 Jul 2016 11:11

Tgt Ion:164 Resp: 204803
Ion Ratio Lower Upper
164 100
162 102.4 85.4 128.2
160 46.7 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

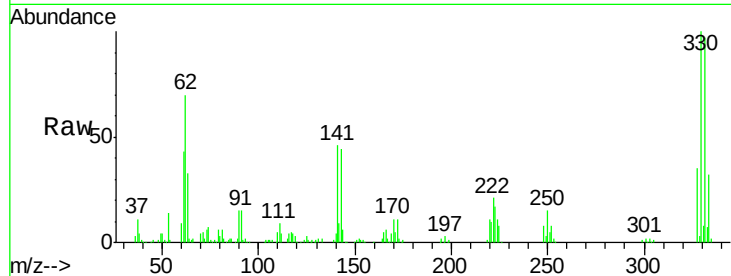




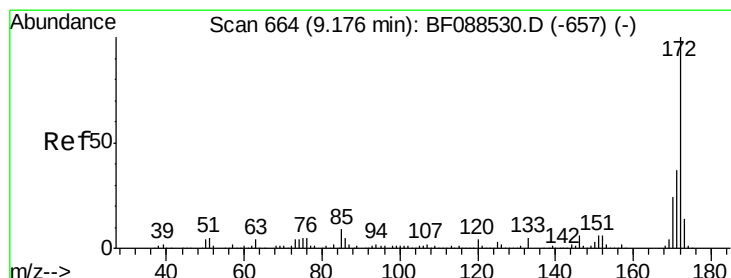
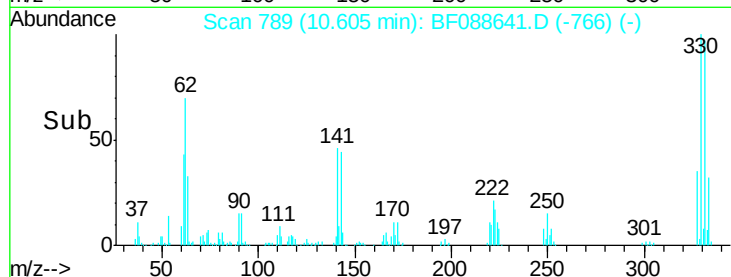
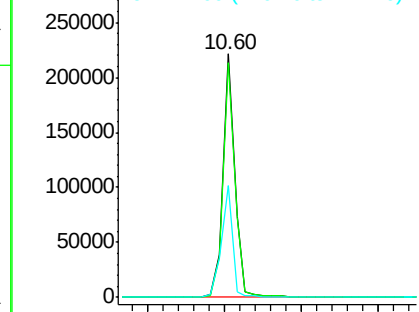
#41
 2,4,6-Tribromophenol
 Concen: 126.32 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088641.D
 Acq: 3 Jul 2016 11:11

Instrument :
 BNA_F
 ClientSampleID :
 PB91776BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	42.5	0.0	0.0#

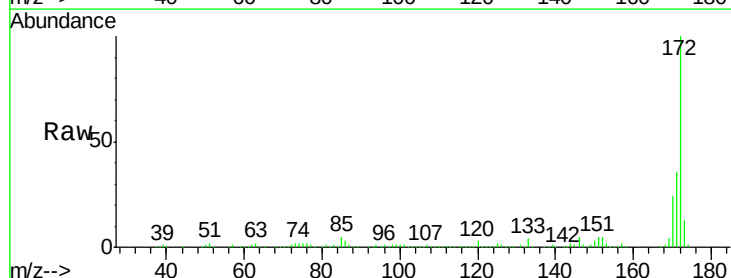


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

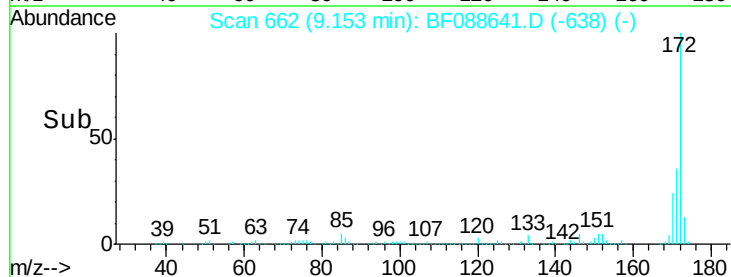
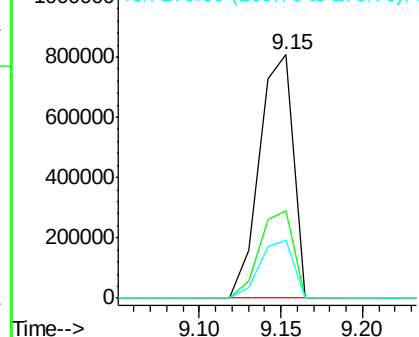


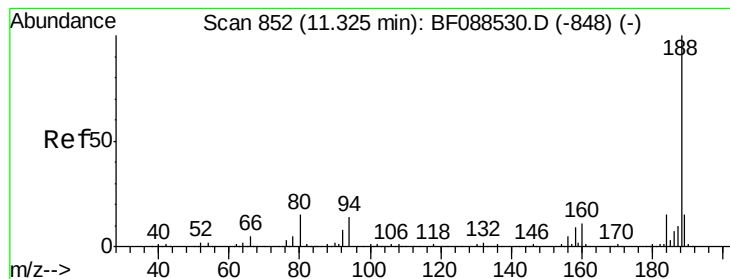
#44
 2-Fluorobiphenyl
 Concen: 89.92 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088641.D
 Acq: 3 Jul 2016 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	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: 11.29 min Scan# 849

Delta R.T. -0.03 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

PB91776BL

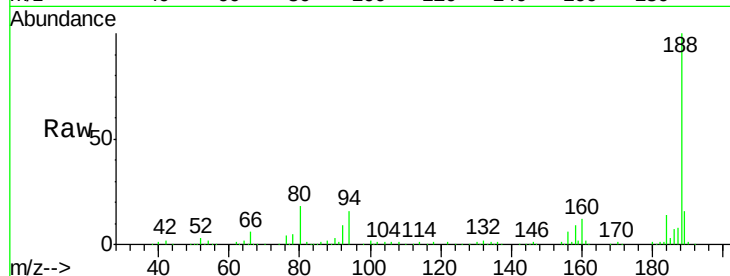
Tot Ion:188 Resp: 402720

Ion Ratio Lower Upper

188 100

94 15.5 9.0 13.6#

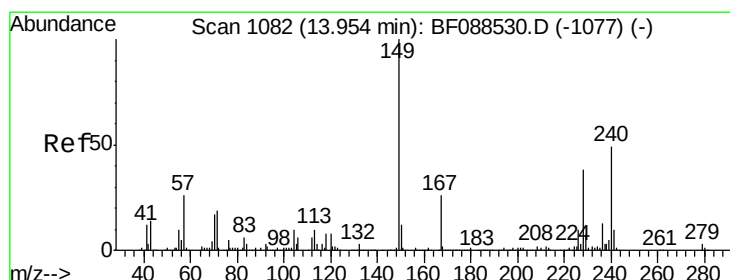
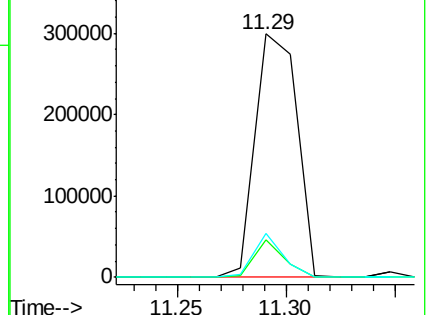
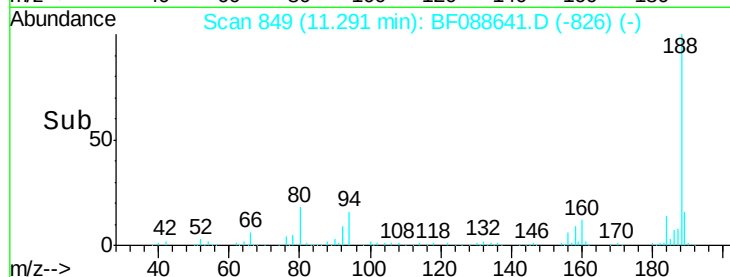
80 18.2 10.0 15.0#



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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

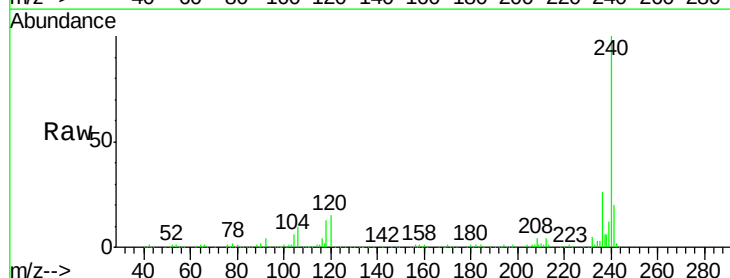
Tgt Ion:240 Resp: 362682

Ion Ratio Lower Upper

240 100

120 14.6 6.8 10.2#

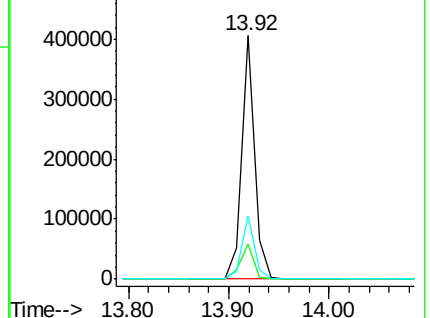
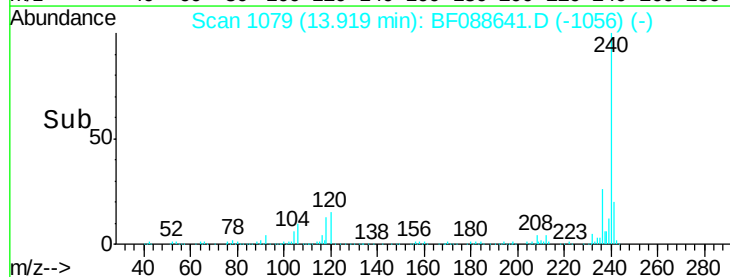
236 26.0 20.2 30.2

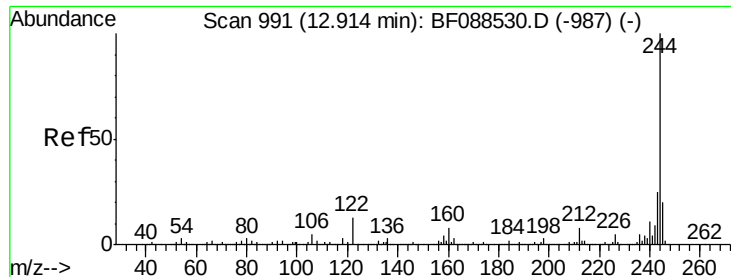


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.09 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

PB91776BL

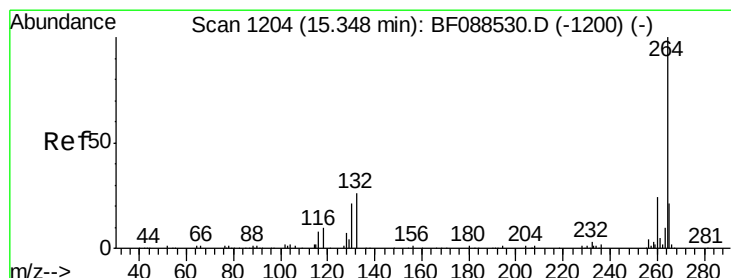
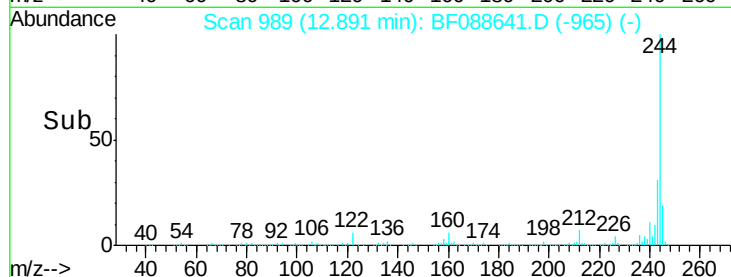
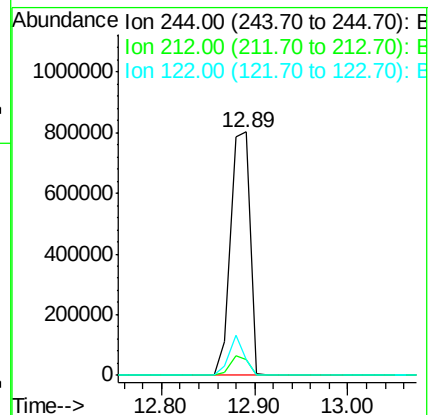
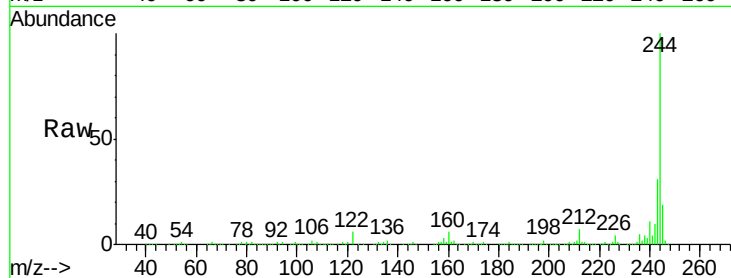
Tot Ion:244 Resp: 1173855

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 6.4 11.2 16.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF088641.D

Acq: 3 Jul 2016 11:11

Tgt Ion:264 Resp: 340075

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.4 16.9 25.3

