

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088837.D
 Acq On : 8 Jul 2016 21:23
 Operator : UM/SJ
 Sample : H3813-07MS 50X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Quant Time: Jul 11 11:53:18 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	84666	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	323838	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	154443	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	285575	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	194057	20.00	ng	-0.01
86) Perylene-d12	15.23	264	167784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	8591	1.52	ng	-0.01
7) Phenol-d6	6.35	99	12607	1.73	ng	-0.02
23) Nitrobenzene-d5	7.29	82	7578	1.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	2237	1.56	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	15313	1.57	ng	-0.01
78) Terphenyl-d14	12.81	244	13326	1.53	ng	-0.01

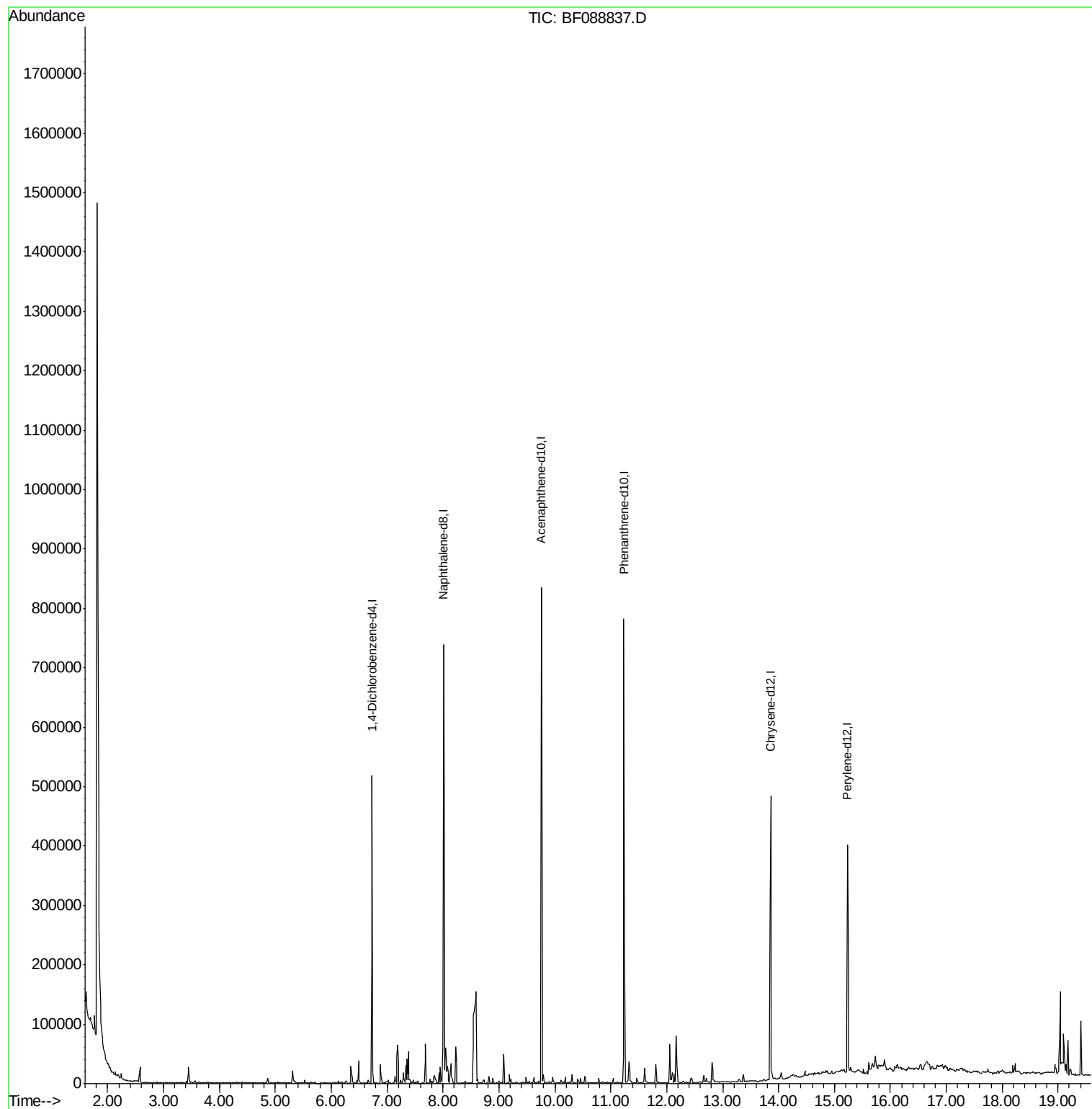
Target Compounds	Qvalue
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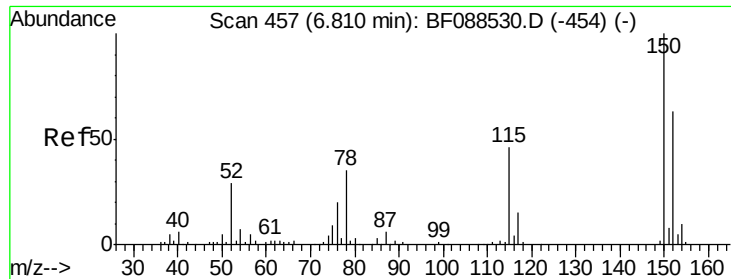
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088837.D

Acq: 8 Jul 2016 21:23

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

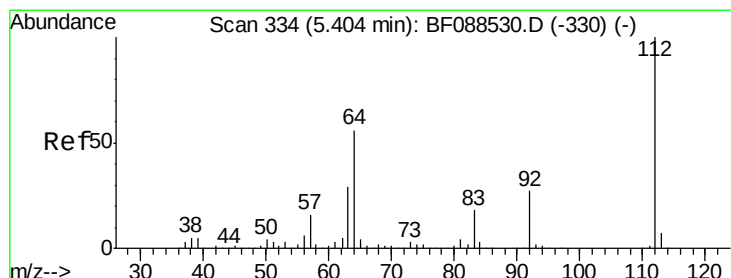
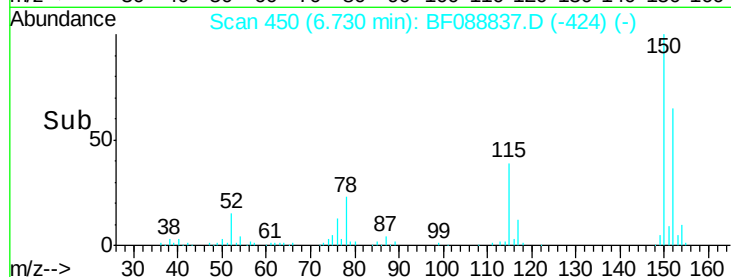
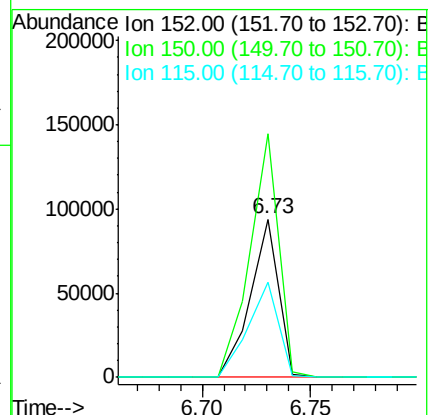
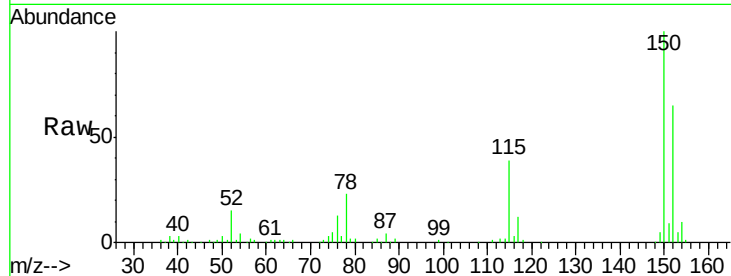
Tot Ion:152 Resp: 84666

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

115 59.8 39.6 59.4#



#5

2-Fluorophenol

Concen: 1.52 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

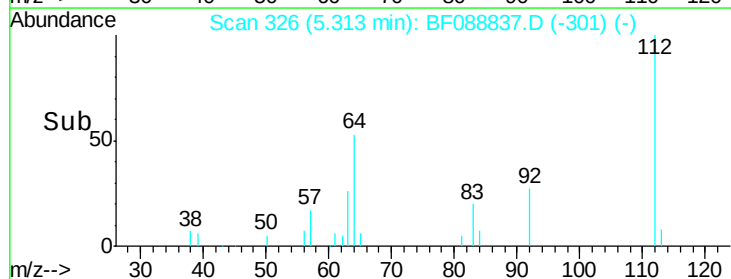
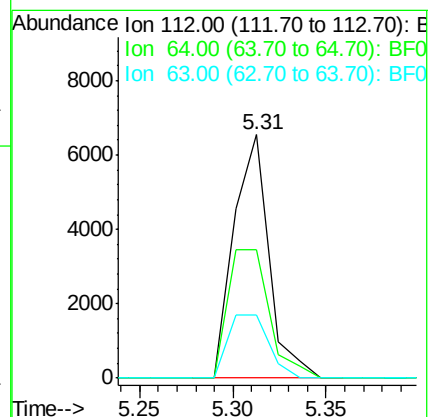
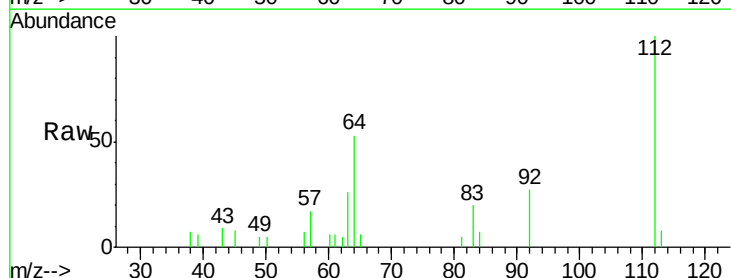
Tgt Ion:112 Resp: 8591

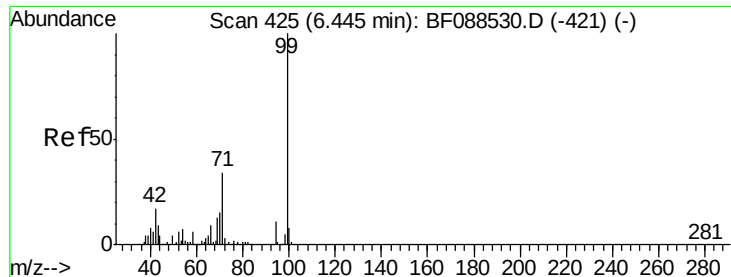
Ion Ratio Lower Upper

112 100

64 52.6 42.2 63.2

63 25.9 21.8 32.8





#7

Phenol-d6

Concen: 1.73 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088837.D

Acq: 8 Jul 2016 21:23

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

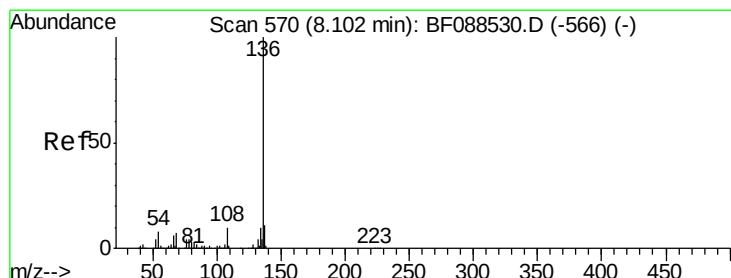
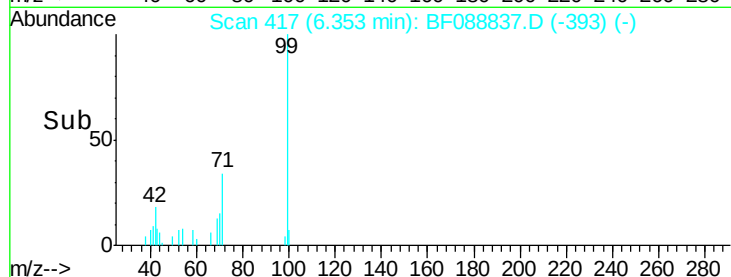
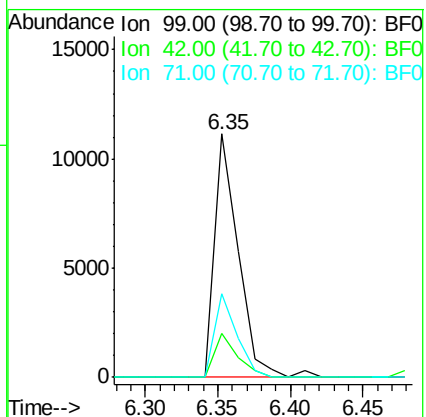
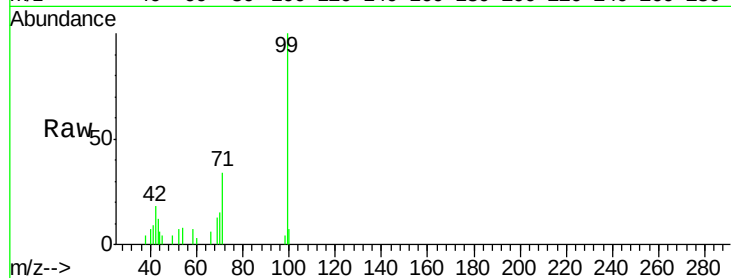
Tot Ion: 99 Resp: 12607

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 34.2 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: BF088837.D

Acq: 8 Jul 2016 21:23

Tgt Ion: 136 Resp: 323838

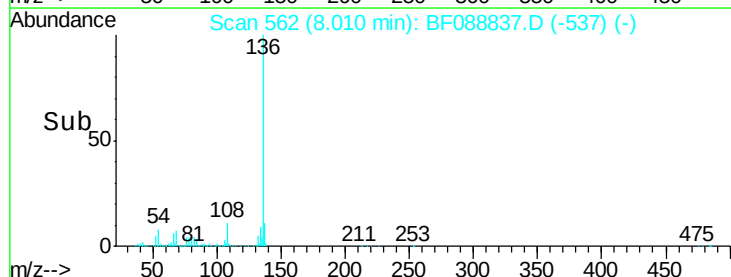
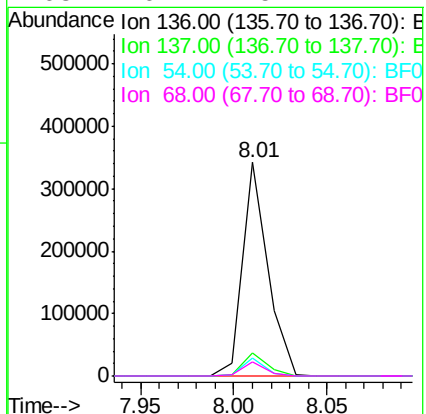
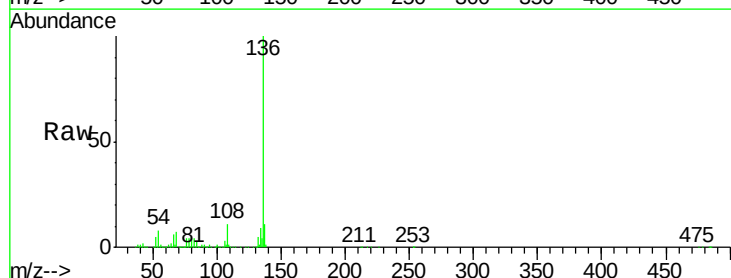
Ion Ratio Lower Upper

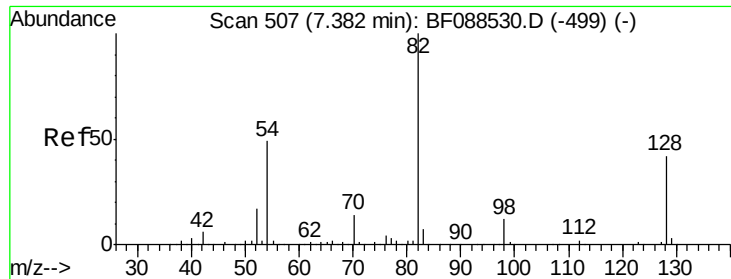
136 100

137 11.1 9.1 13.7

54 8.3 6.6 10.0

68 6.7 5.1 7.7

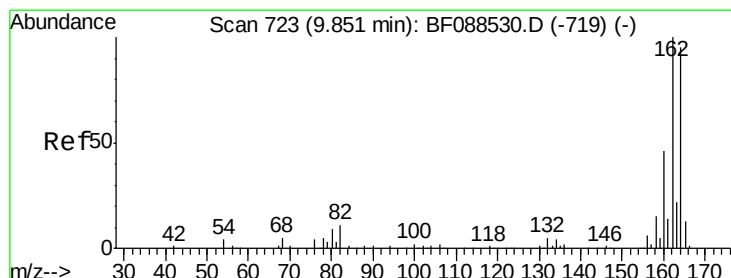
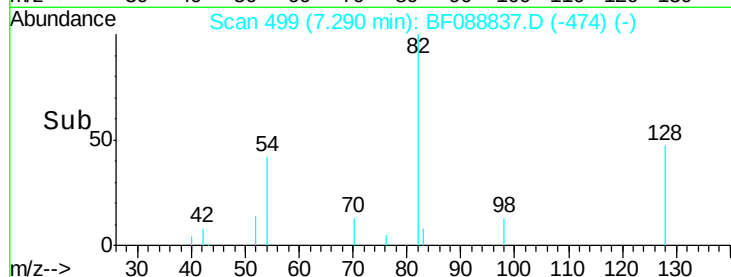
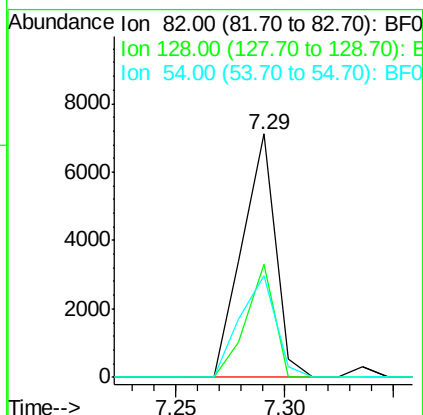
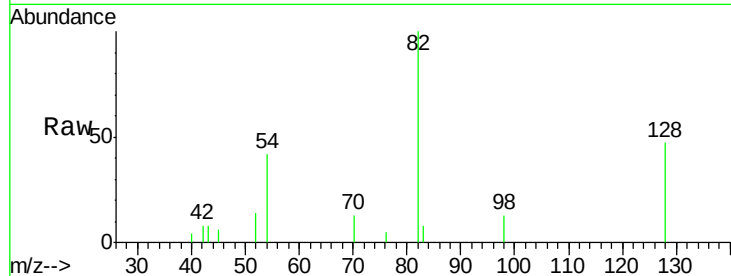




#23
 Nitrobenzene-d5
 Concen: 1.23 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

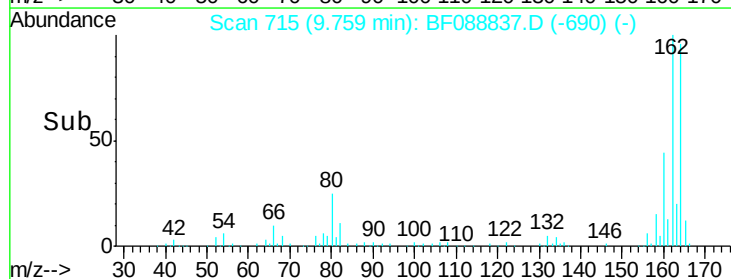
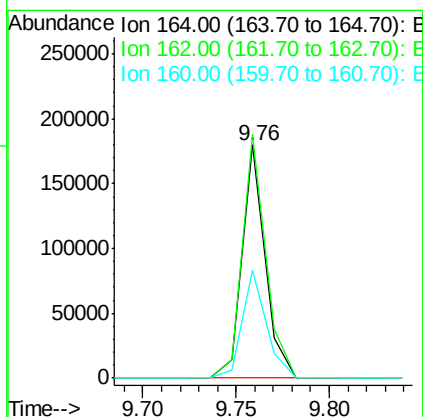
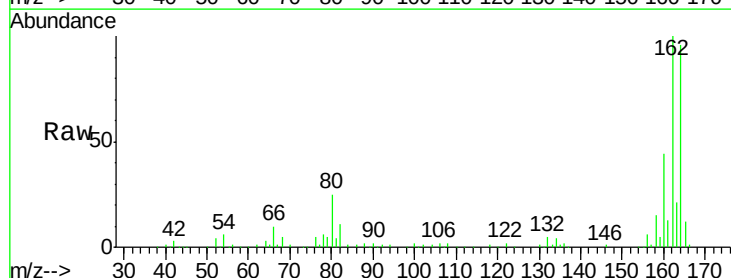
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

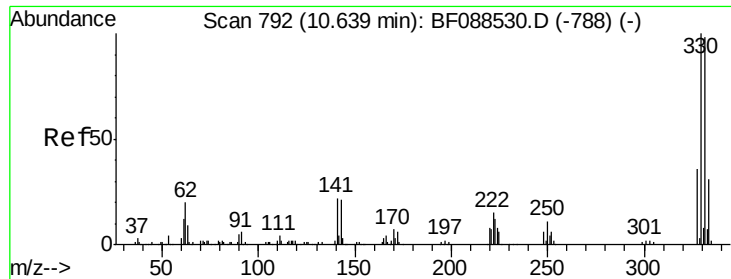
Tot Ion: 82 Resp: 7578
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.9 53.9
 54 41.6 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

Tgt Ion: 164 Resp: 154443
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.4 128.2
 160 46.5 39.5 59.3

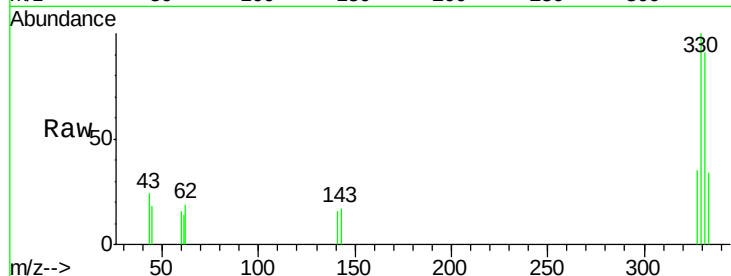




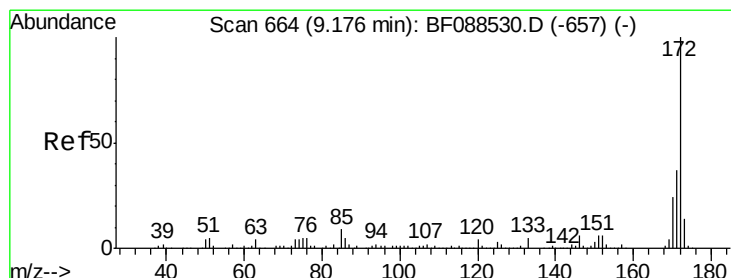
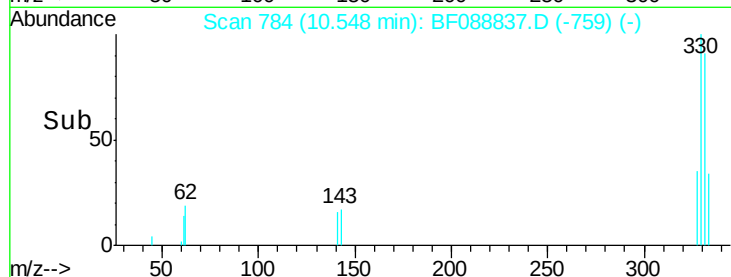
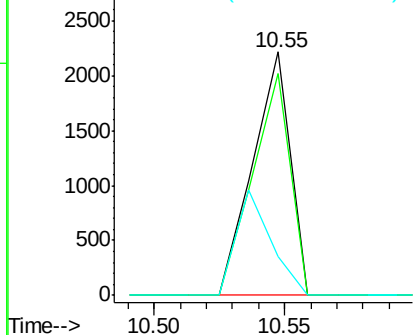
#41
 2,4,6-Tribromophenol
 Concen: 1.56 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.2	0.0	0.0#
141	40.4	0.0	0.0#

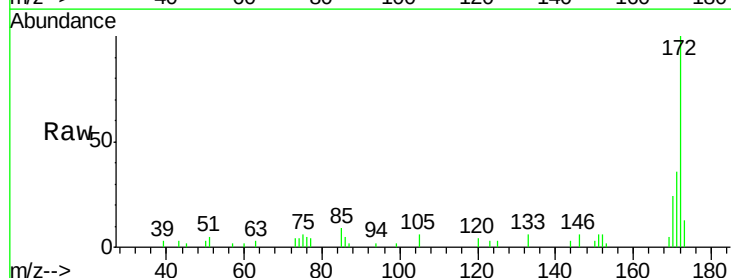


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

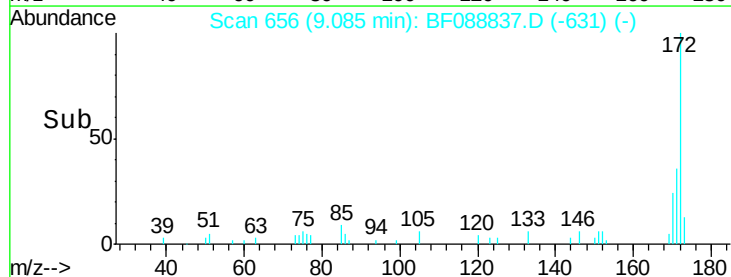
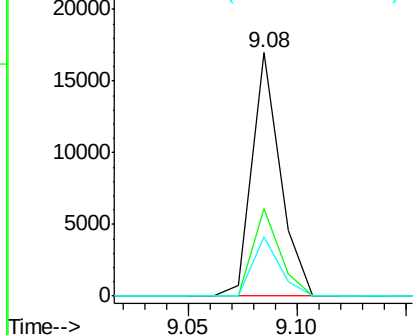


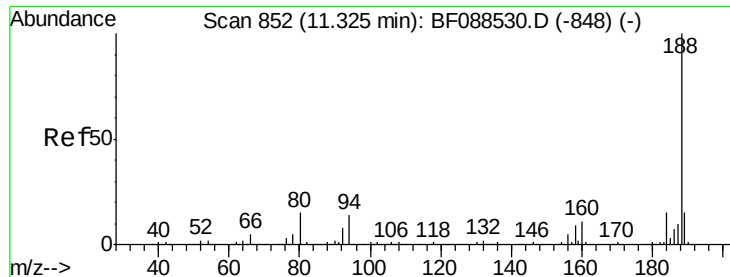
#44
 2-Fluorobiphenyl
 Concen: 1.57 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.3	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

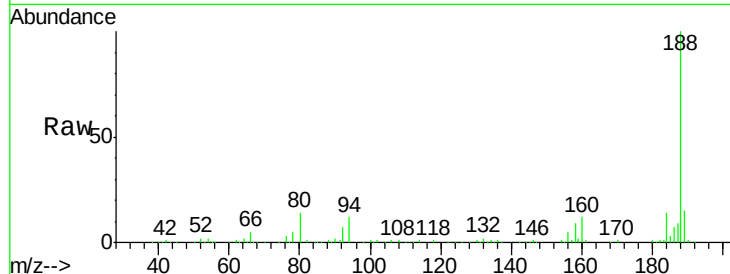




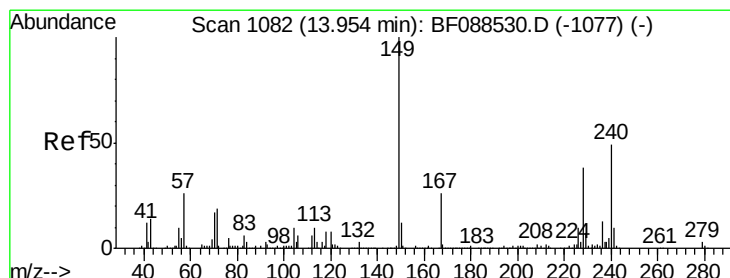
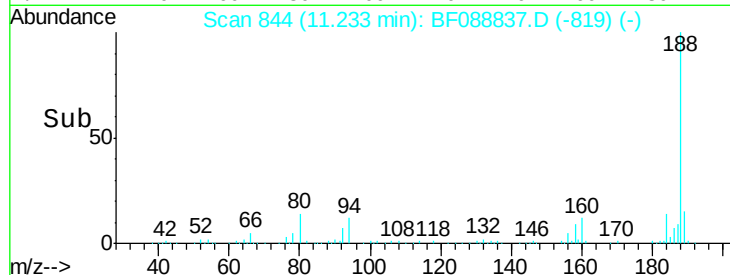
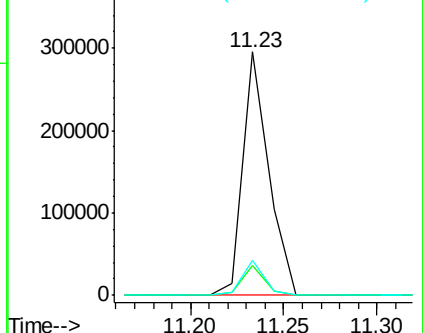
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088837.D
Acq: 8 Jul 2016 21:23

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.0	13.6
80	14.3	10.0	15.0

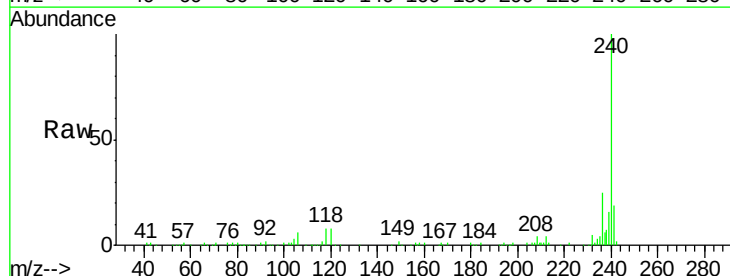


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

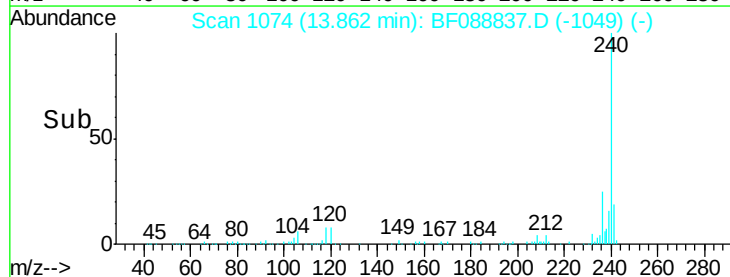
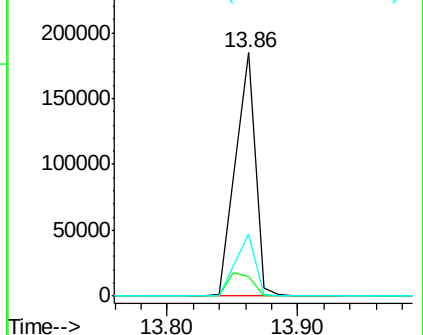


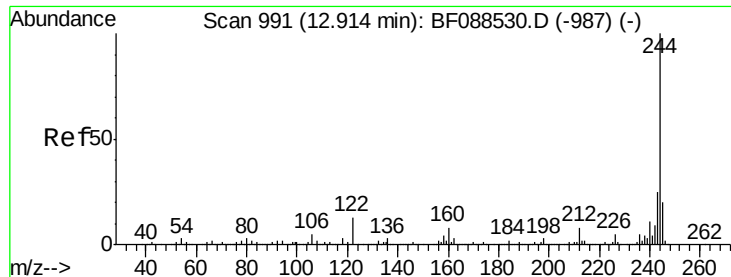
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088837.D
Acq: 8 Jul 2016 21:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	25.4	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

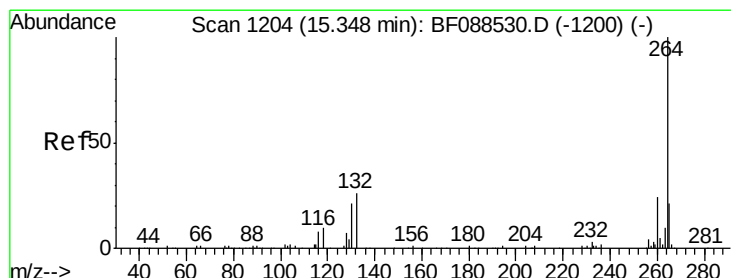
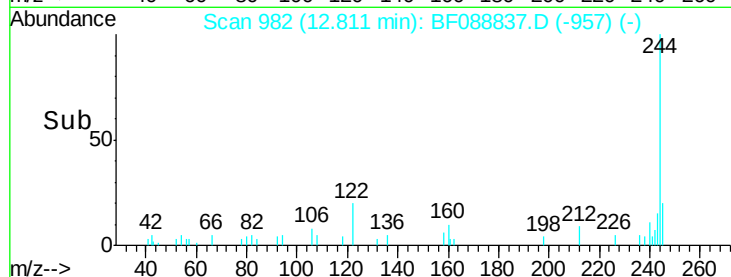
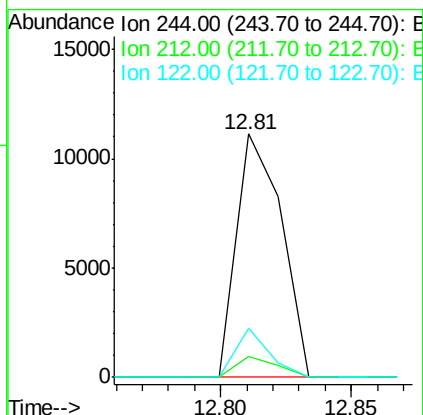
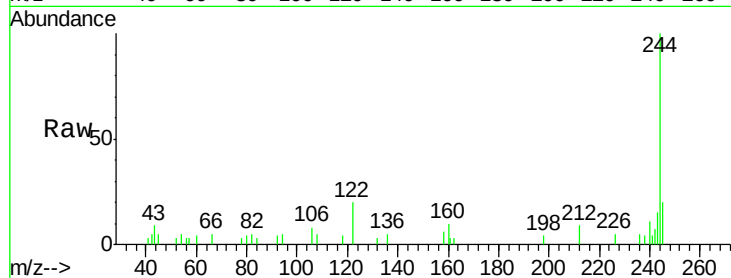




#78
 Terphenyl-d14
 Concen: 1.53 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088837.D
 Acq: 8 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion:244 Resp: 13326
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.0 9.0
 122 19.9 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: BF088837.D
 Acq: 8 Jul 2016 21:23

Tgt Ion:264 Resp: 167784
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 16.9 25.3

