

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088399.D
 Acq On : 26 Jun 2016 4:07
 Operator : UM/SJ
 Sample : H3734-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9934

Quant Time: Jun 26 06:23:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	71528	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	274995	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	119710	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	203261	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	157465	20.00	ng	-0.06
86) Perylene-d12	15.04	264	111735	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	498091	119.05	ng	-0.02
7) Phenol-d6	6.23	99	557070	109.86	ng	-0.03
23) Nitrobenzene-d5	7.14	82	395591	84.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.38	330	137001	108.39	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	730941	96.68	ng	-0.05
78) Terphenyl-d14	12.65	244	584393	84.45	ng	-0.05

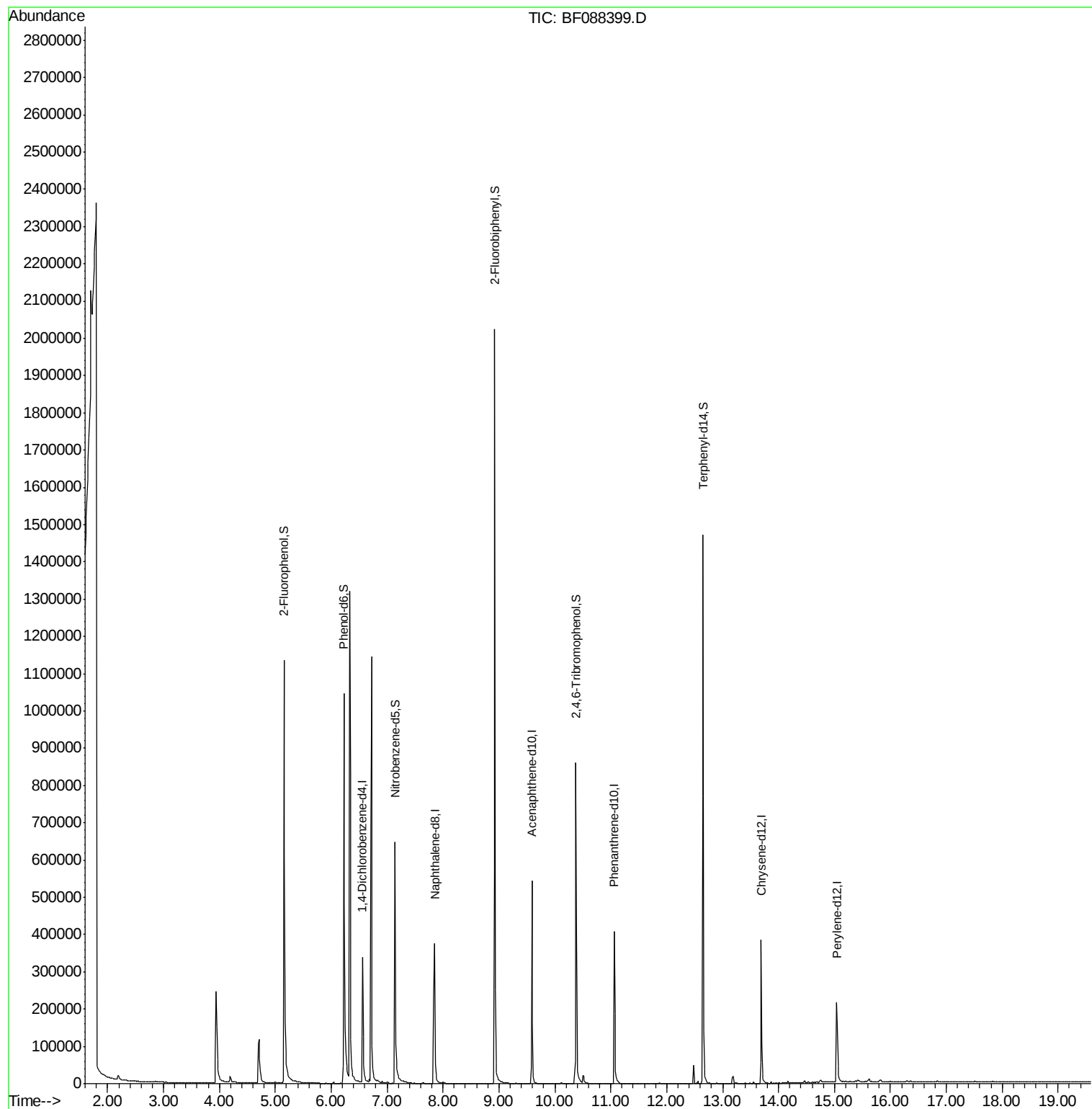
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088399.D

Acq: 26 Jun 2016 4:07

Instrument :

BNA_F

ClientSampleId :

LAR9934

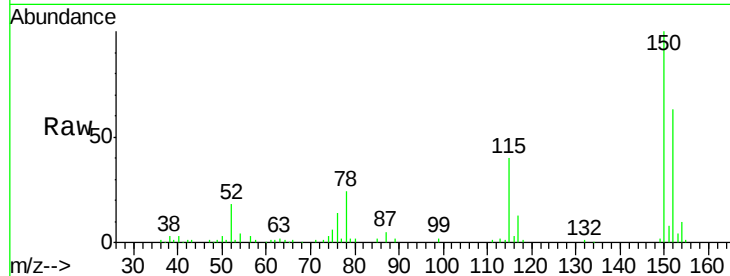
Tot Ion:152 Resp: 71528

Ion Ratio Lower Upper

152 100

150 158.2 123.8 185.6

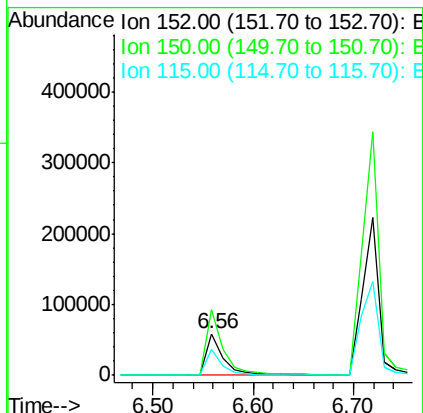
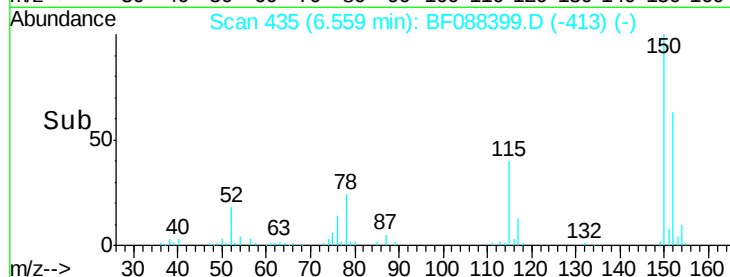
115 62.8 39.6 59.4#



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: 119.05 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF088399.D

Acq: 26 Jun 2016 4:07

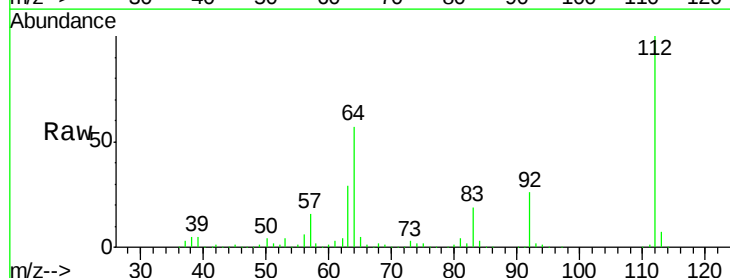
Tgt Ion:112 Resp: 498091

Ion Ratio Lower Upper

112 100

64 56.6 42.2 63.2

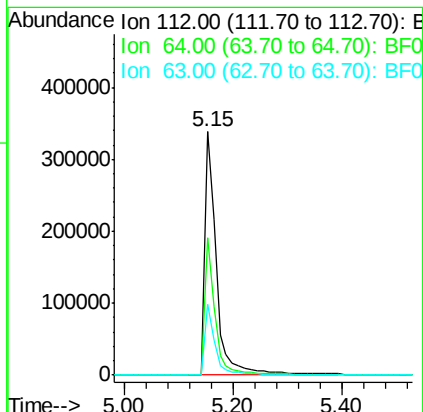
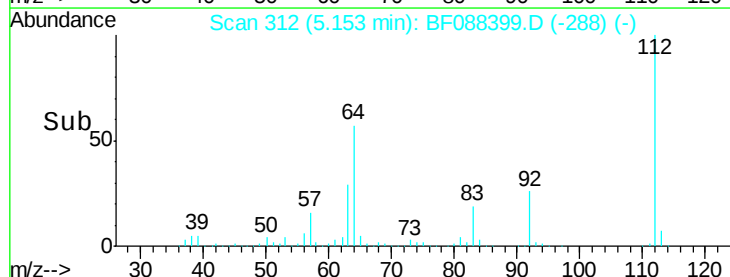
63 29.1 21.8 32.8



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: 109.86 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088399.D

Acq: 26 Jun 2016 4:07

Instrument :

BNA_F

ClientSampleId :

LAR9934

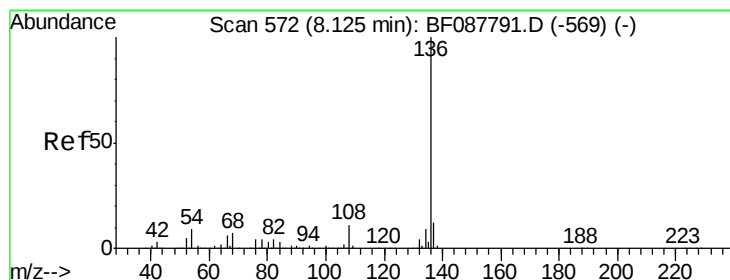
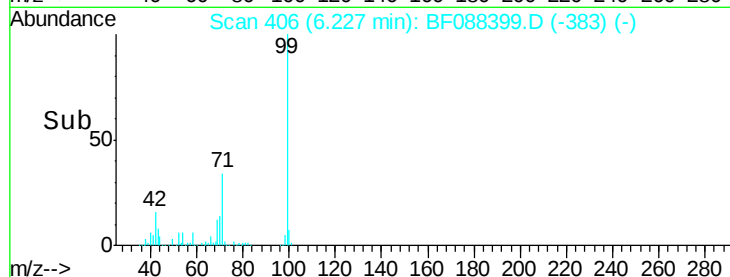
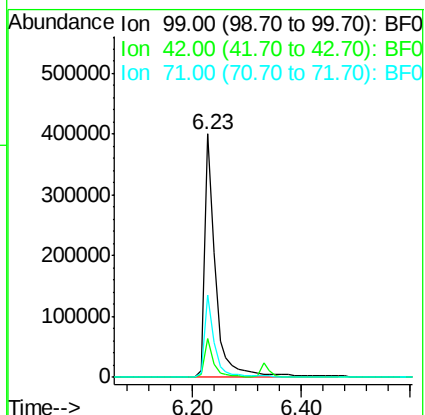
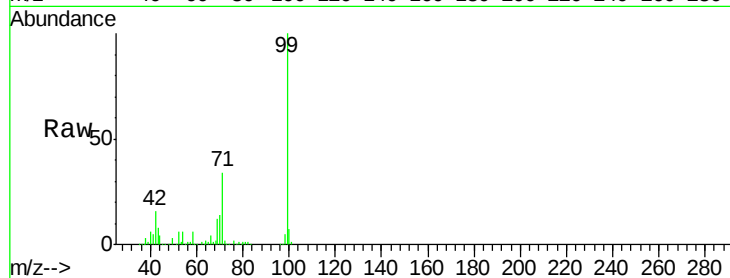
Tot Ion: 99 Resp: 557070

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

71 34.1 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088399.D

Acq: 26 Jun 2016 4:07

Tgt Ion: 136 Resp: 274995

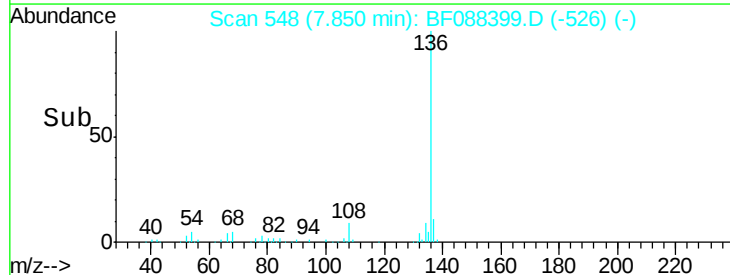
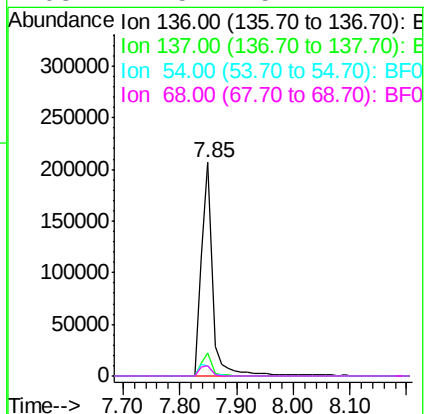
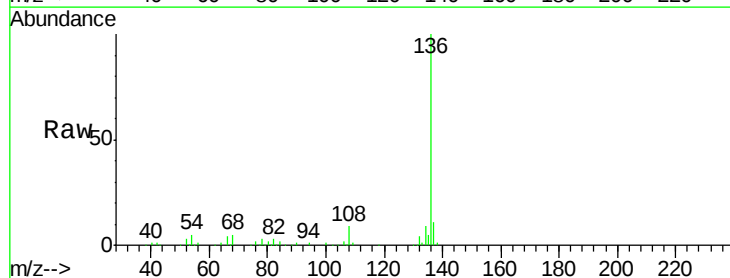
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.1 6.6 10.0#

68 4.5 5.1 7.7#

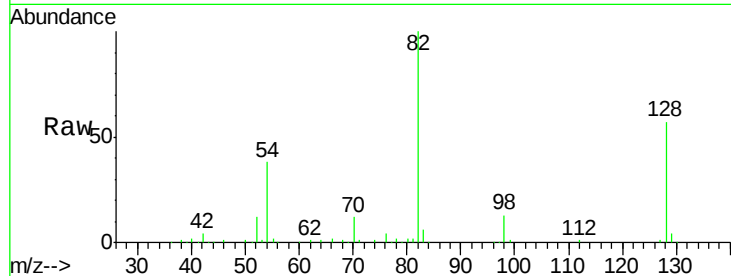




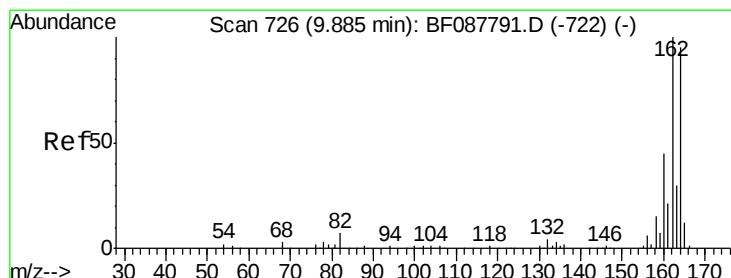
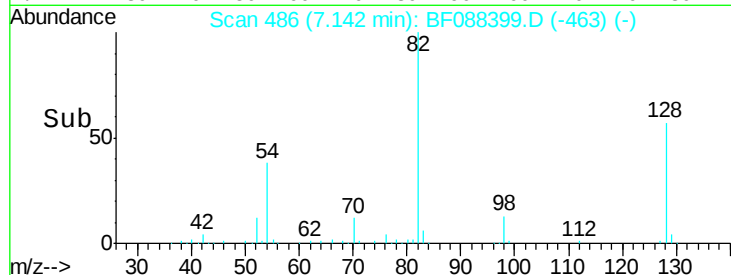
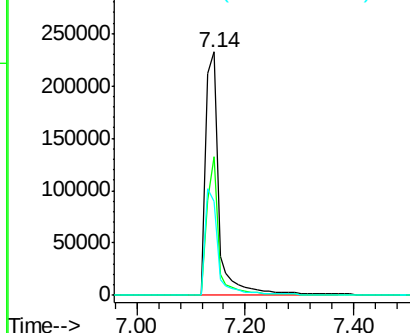
#23
 Nitrobenzene-d5
 Concen: 84.00 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF088399.D
 Acq: 26 Jun 2016 4:07

Instrument :
 BNA_F
 ClientSampleId :
 LAR9934

Tot Ion: 82 Resp: 395591
 Ion Ratio Lower Upper
 82 100
 128 57.1 35.9 53.9#
 54 38.4 40.9 61.3#

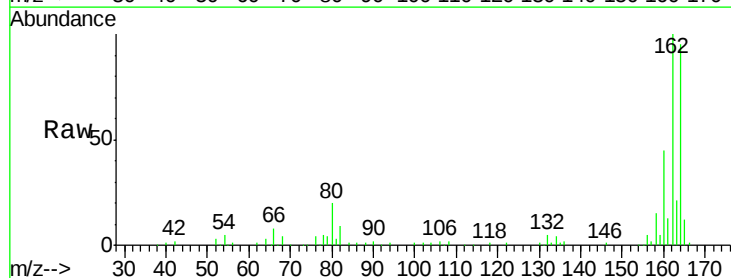


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

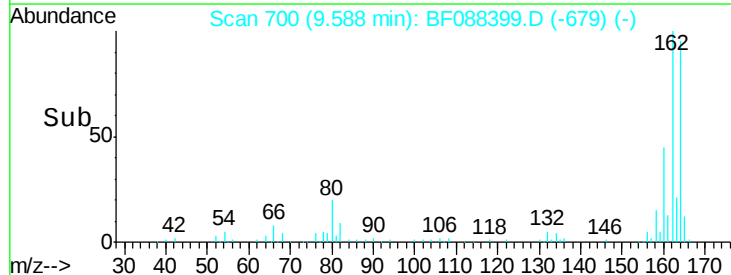
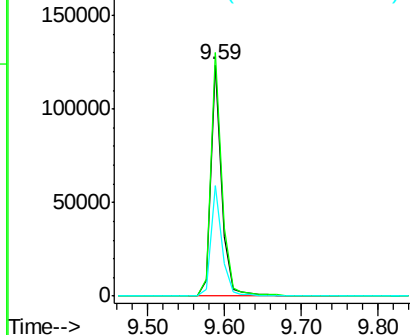


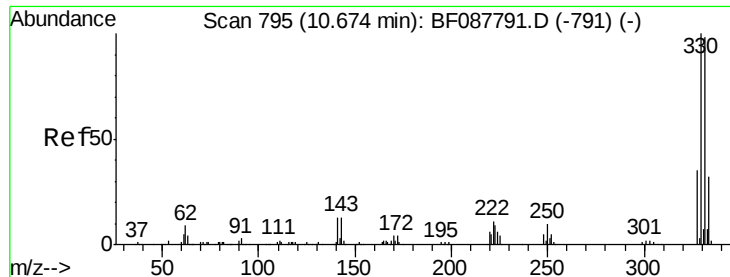
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088399.D
 Acq: 26 Jun 2016 4:07

Tgt Ion:164 Resp: 119710
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.4 128.2
 160 47.6 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

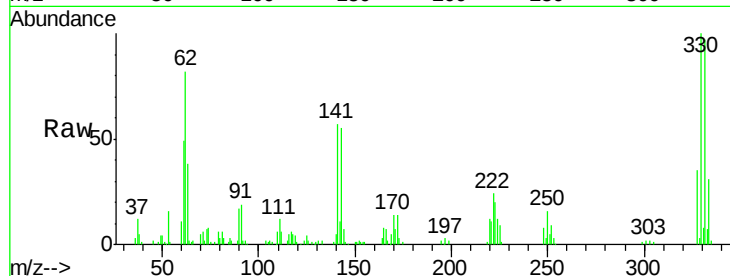




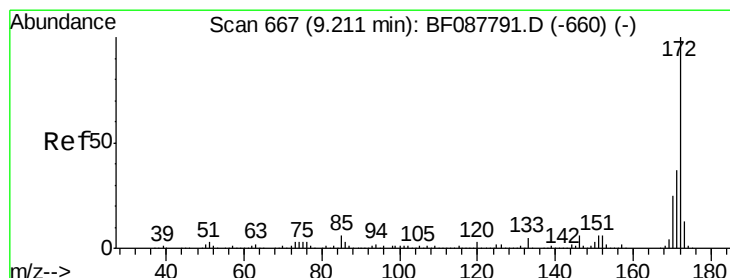
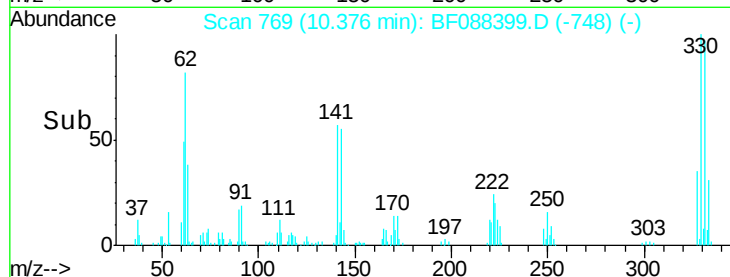
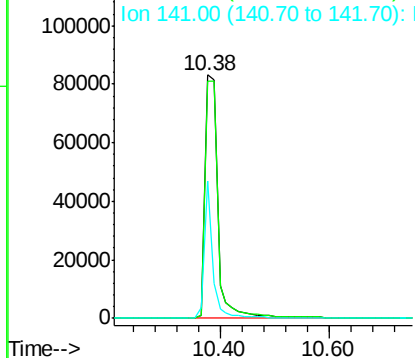
#41
 2,4,6-Tribromophenol
 Concen: 108.39 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088399.D
 Acq: 26 Jun 2016 4:07

Instrument :
 BNA_F
 ClientSampleId :
 LAR9934

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	36.4	0.0	0.0#

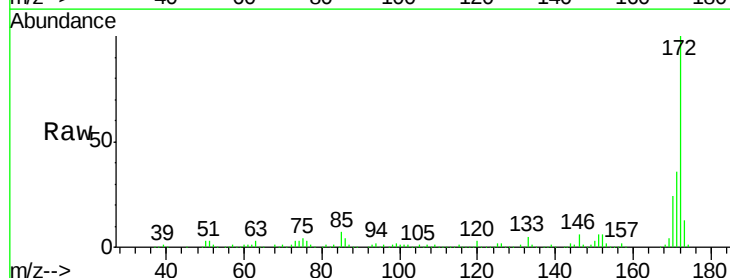


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

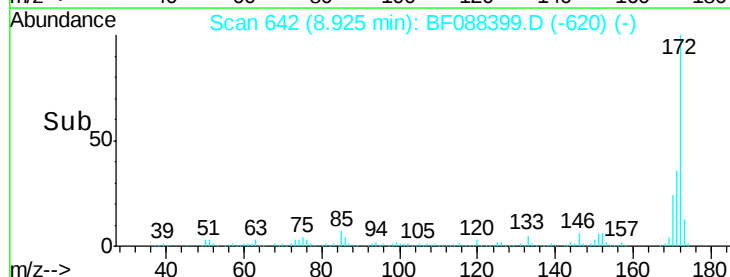
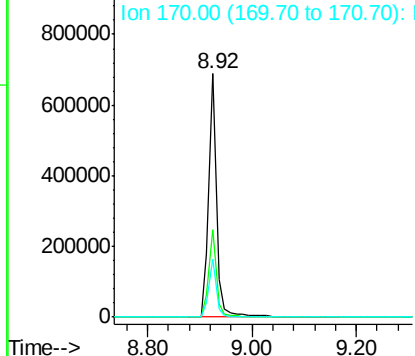


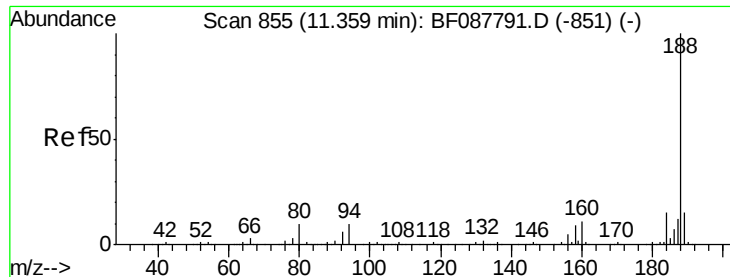
#44
 2-Fluorobiphenyl
 Concen: 96.68 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088399.D
 Acq: 26 Jun 2016 4:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	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

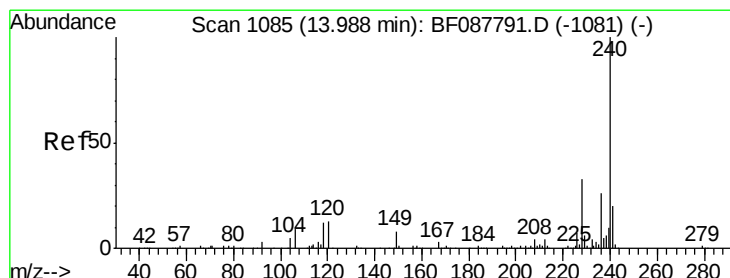
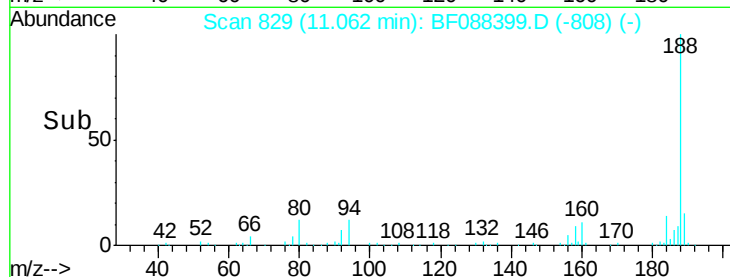
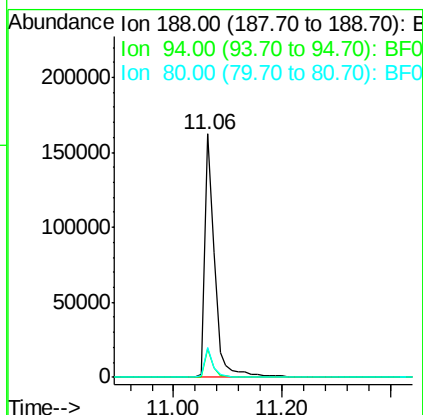
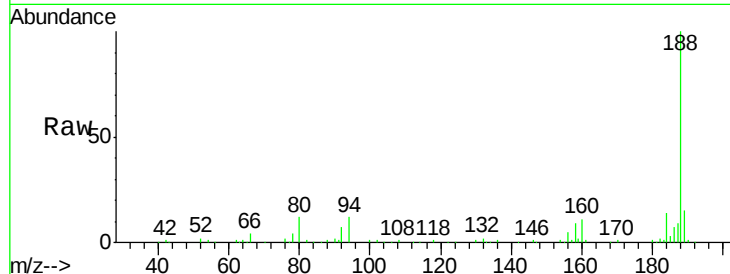




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088399.D
Acq: 26 Jun 2016 4:07

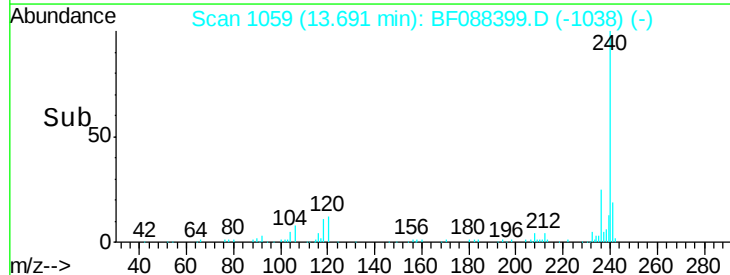
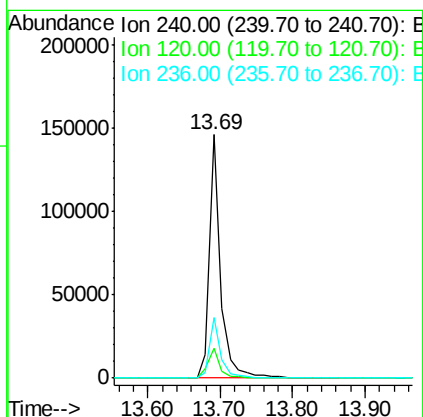
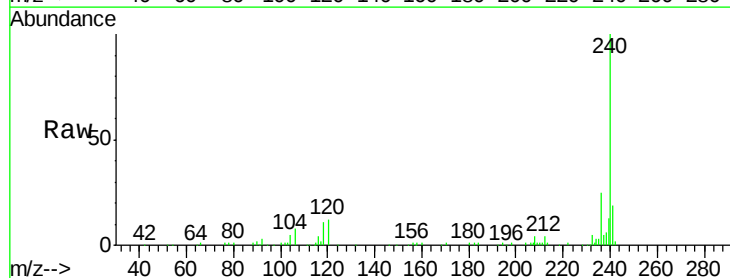
Instrument :
BNA_F
ClientSampleId :
LAR9934

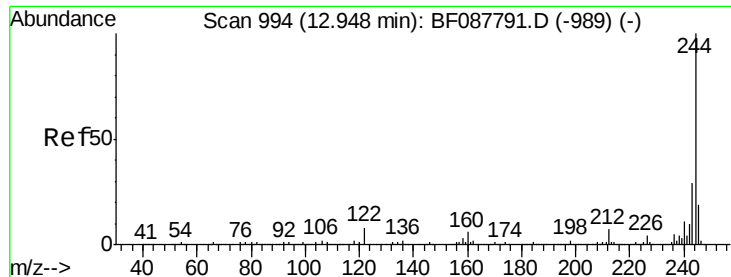
Tot Ion:188 Resp: 203261
Ion Ratio Lower Upper
188 100
94 11.9 9.0 13.6
80 12.4 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088399.D
Acq: 26 Jun 2016 4:07

Tgt Ion:240 Resp: 157465
Ion Ratio Lower Upper
240 100
120 12.2 6.8 10.2#
236 25.0 20.2 30.2

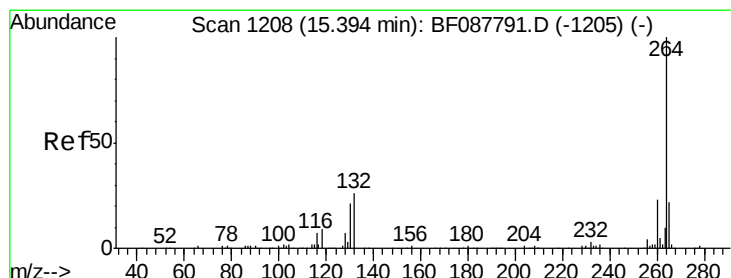
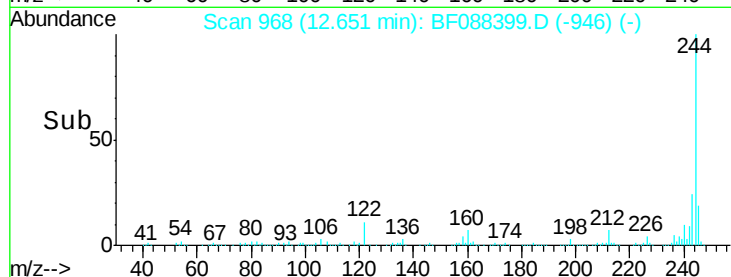
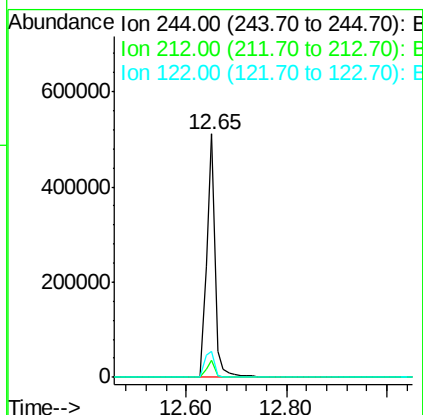
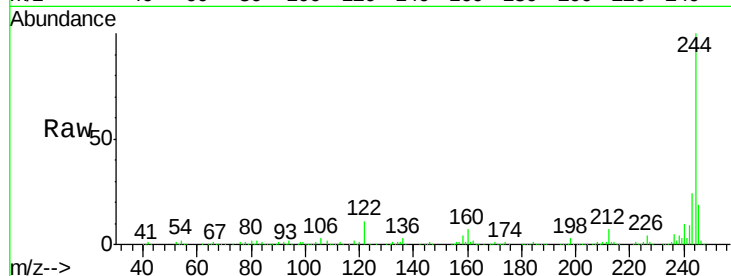




#78
 Terphenyl-d14
 Concen: 84.45 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.05 min
 Lab File: BF088399.D
 Acq: 26 Jun 2016 4:07

Instrument :
 BNA_F
 ClientSampleId :
 LAR9934

Tot Ion:244 Resp: 584393
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.8 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.07 min
 Lab File: BF088399.D
 Acq: 26 Jun 2016 4:07

Tgt Ion:264 Resp: 111735
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.9 16.9 25.3

