

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087911.D
 Acq On : 11 Jun 2016 19:34
 Operator : UM/SJ
 Sample : H3387-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW4-9007

Quant Time: Jun 12 05:36:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	107728	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	457087	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	173555	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	396374	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	312646	20.00	ng	-0.03
86) Perylene-d12	15.37	264	269656	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	373751	59.31	ng	-0.05
7) Phenol-d6	6.43	99	273491	35.81	ng	-0.05
23) Nitrobenzene-d5	7.37	82	714345	91.26	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	284607	155.31	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1259423	116.02	ng	-0.03
78) Terphenyl-d14	12.91	244	967356	70.41	ng	-0.03

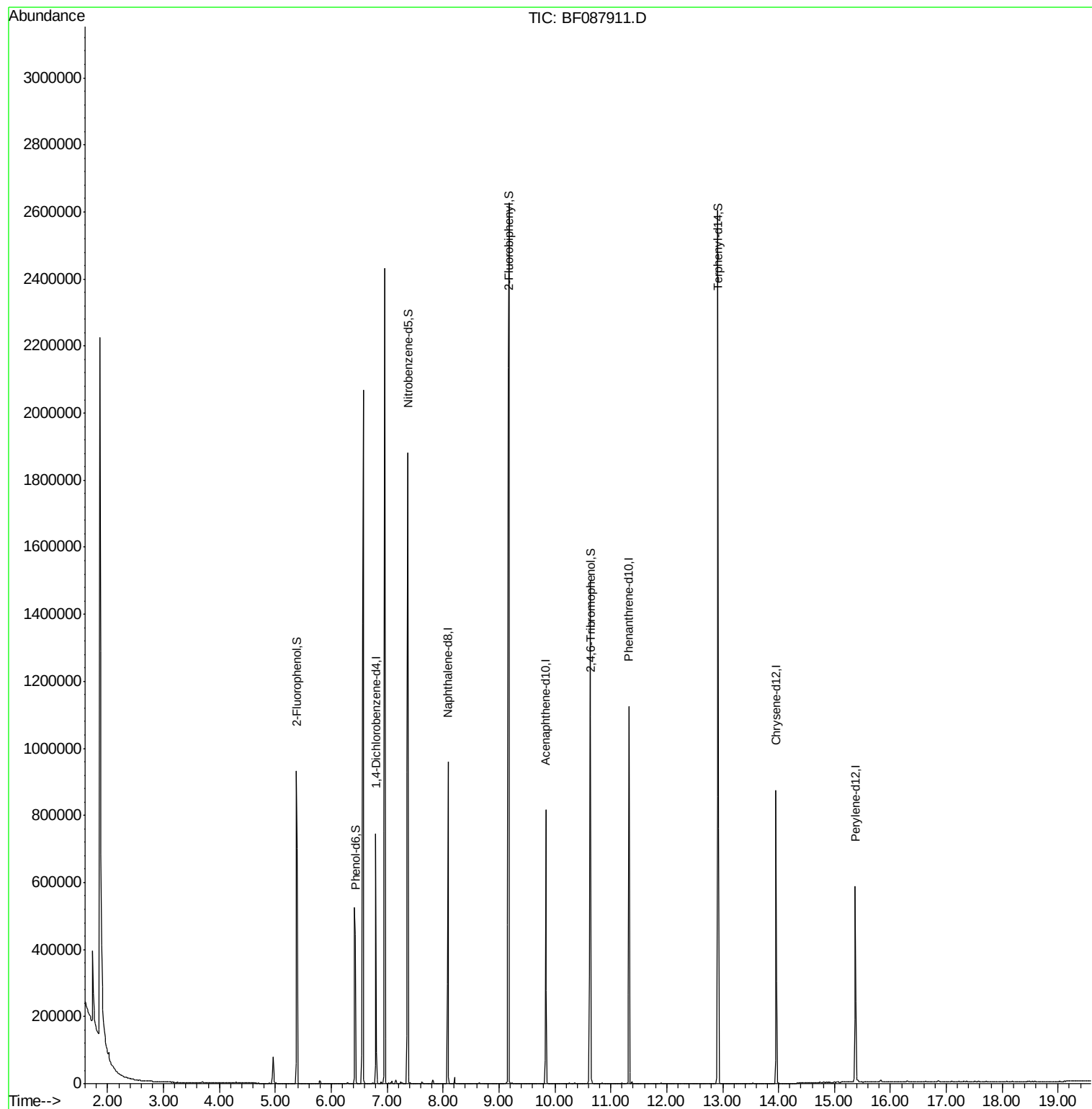
Target Compounds Qvalue

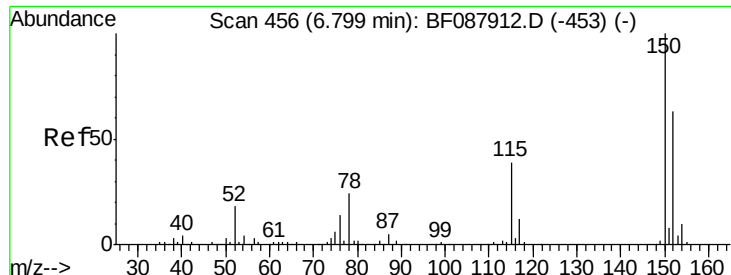
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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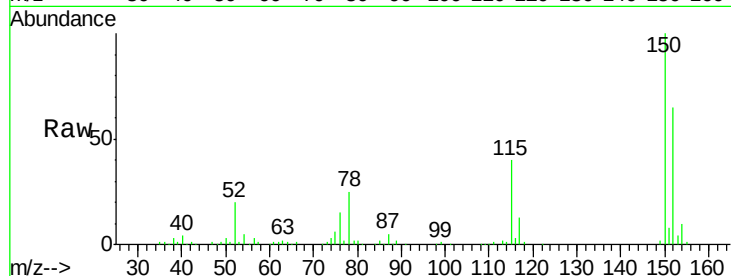


#1

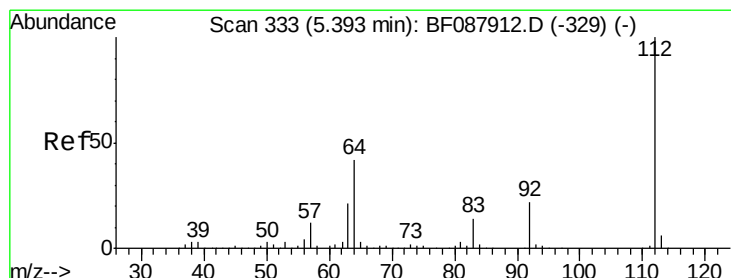
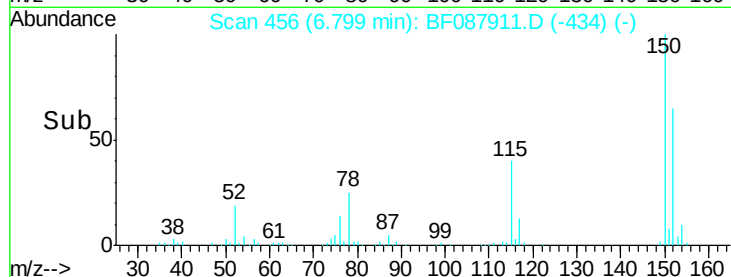
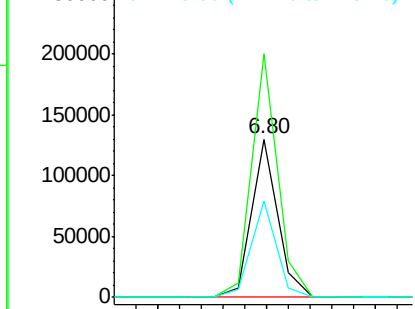
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087911.D
Acq: 11 Jun 2016 19:34

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4-9007

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	61.4	39.6	59.4



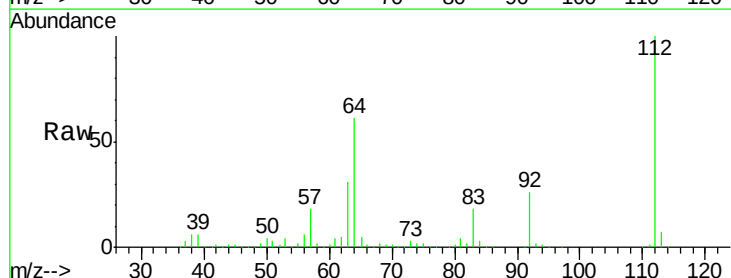
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



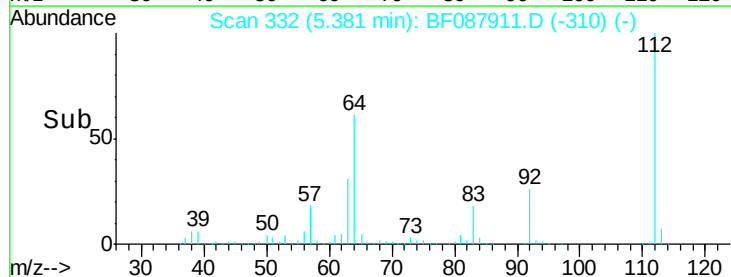
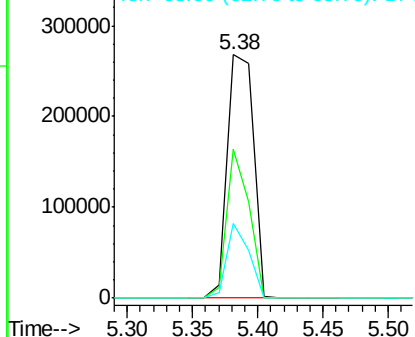
#5

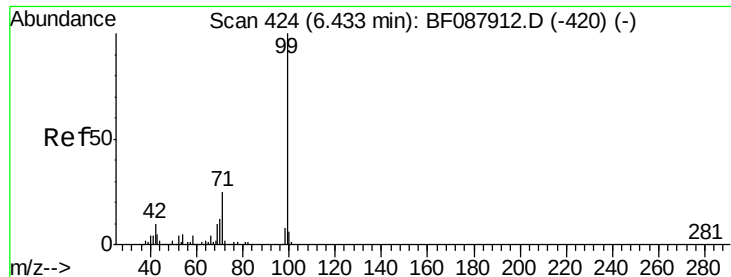
2-Fluorophenol
Concen: 59.31 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.05 min
Lab File: BF087911.D
Acq: 11 Jun 2016 19:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	42.2	63.2
63	30.5	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: 35.81 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087911.D

Acq: 11 Jun 2016 19:34

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW4-9007

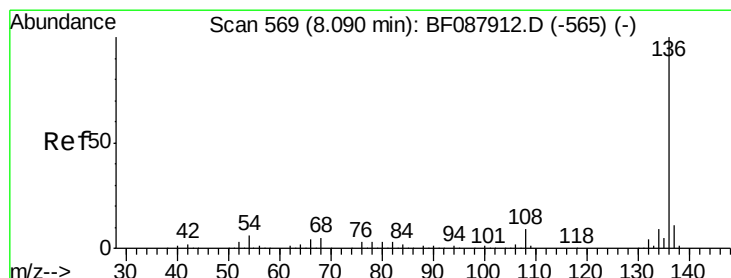
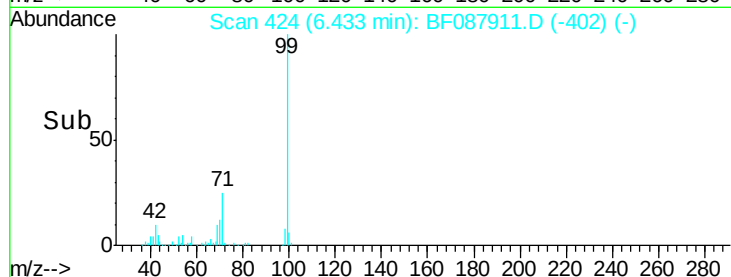
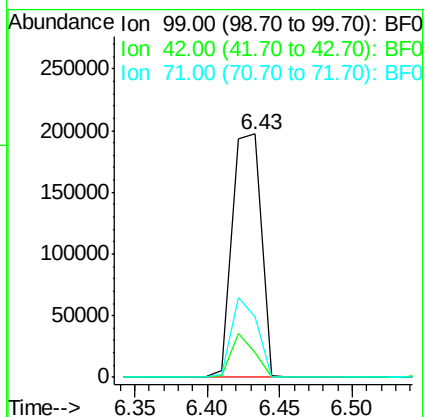
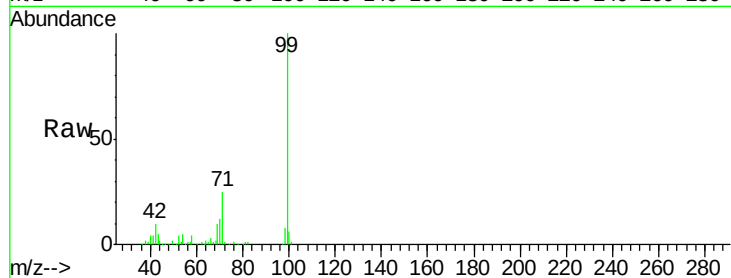
Tot Ion: 99 Resp: 273491

Ion Ratio Lower Upper

99 100

42 10.4 12.2 18.2#

71 24.7 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087911.D

Acq: 11 Jun 2016 19:34

Tgt Ion: 136 Resp: 457087

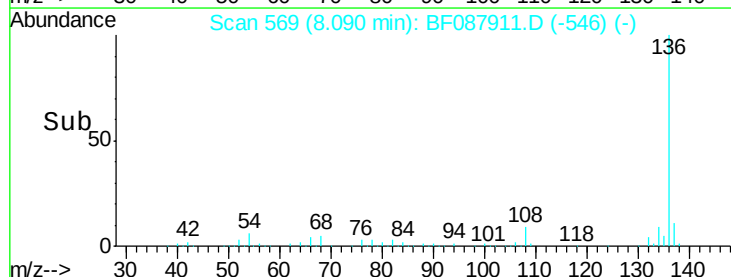
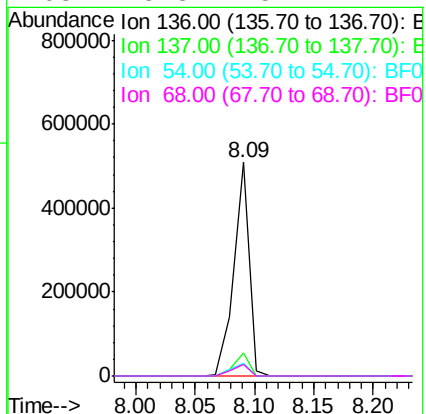
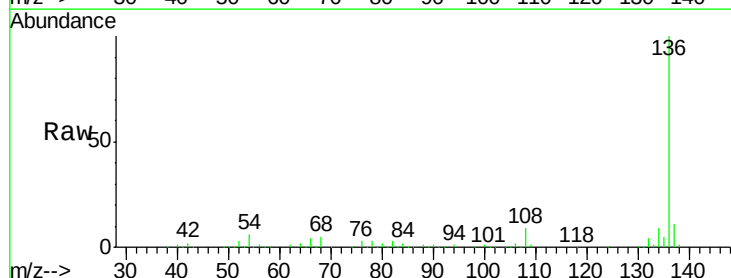
Ion Ratio Lower Upper

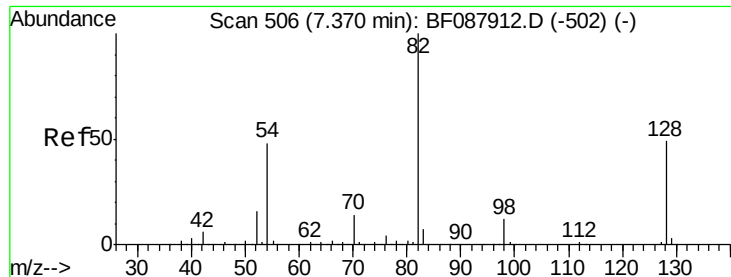
136 100

137 10.9 9.1 13.7

54 6.2 6.6 10.0#

68 5.3 5.1 7.7

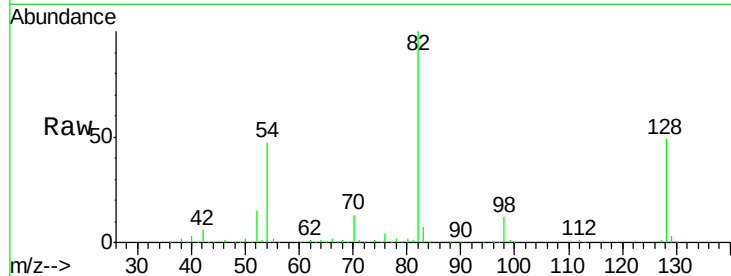




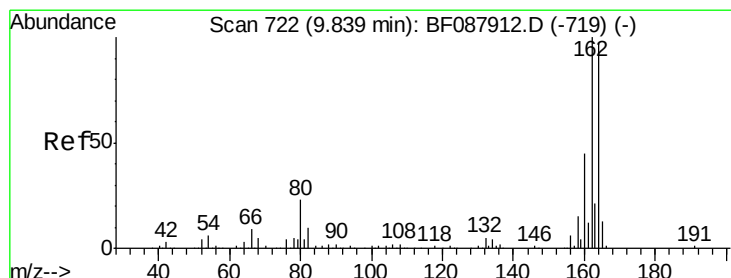
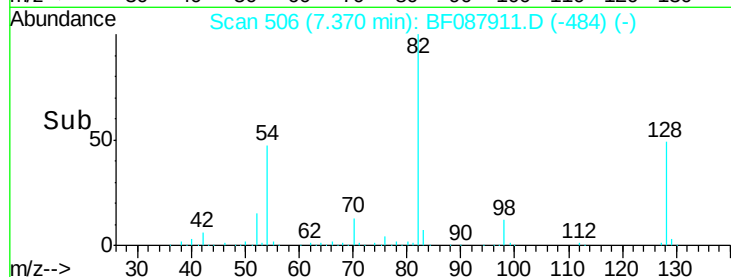
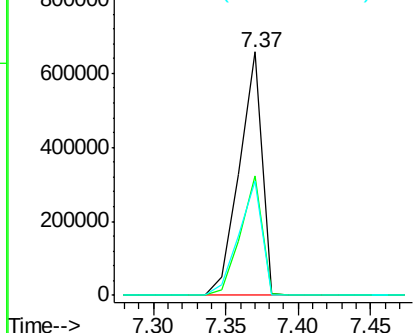
#23
 Nitrobenzene-d5
 Concen: 91.26 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087911.D
 Acq: 11 Jun 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW4-9007

Tot Ion: 82 Resp: 714345
 Ion Ratio Lower Upper
 82 100
 128 49.0 35.9 53.9
 54 47.0 40.9 61.3

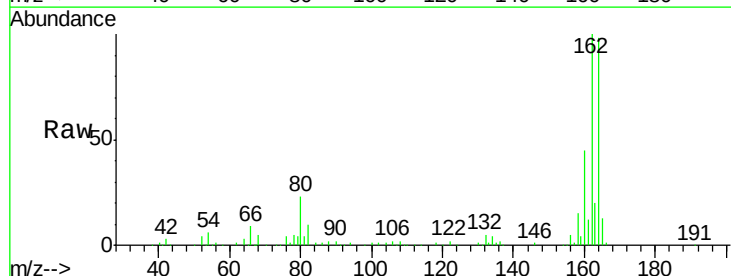


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

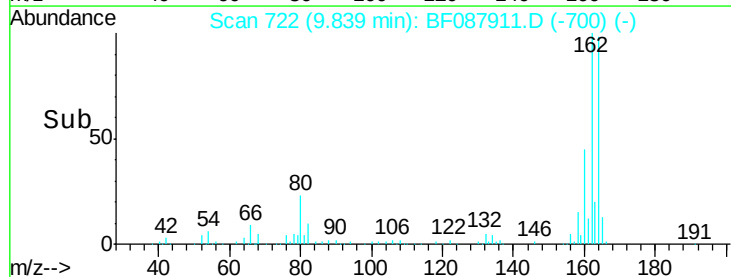
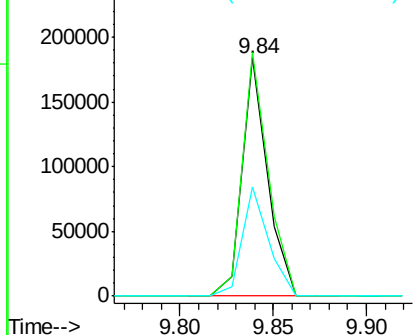


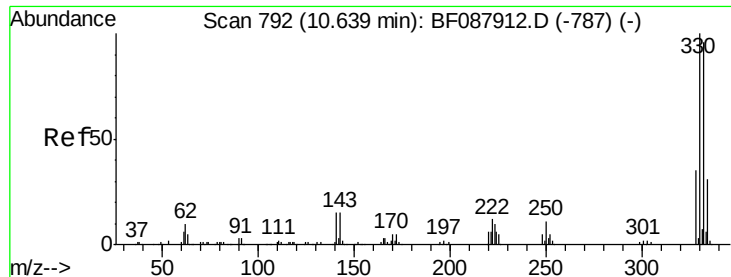
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087911.D
 Acq: 11 Jun 2016 19:34

Tgt Ion:164 Resp: 173555
 Ion Ratio Lower Upper
 164 100
 162 102.3 85.4 128.2
 160 45.8 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

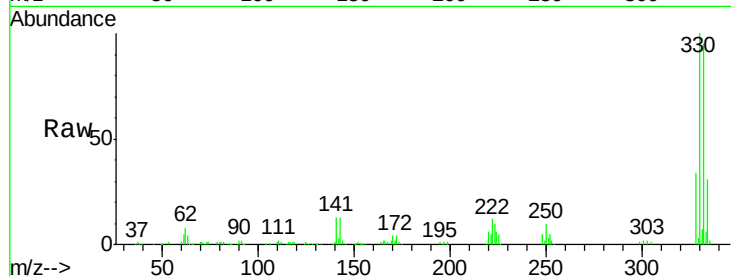




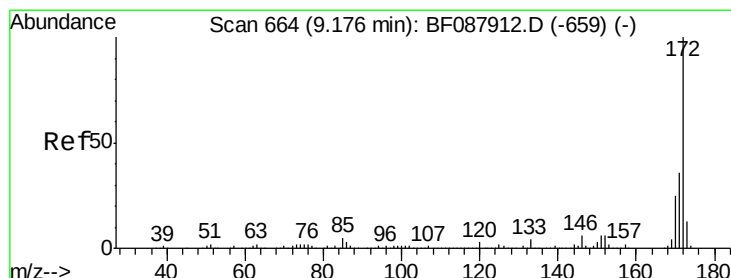
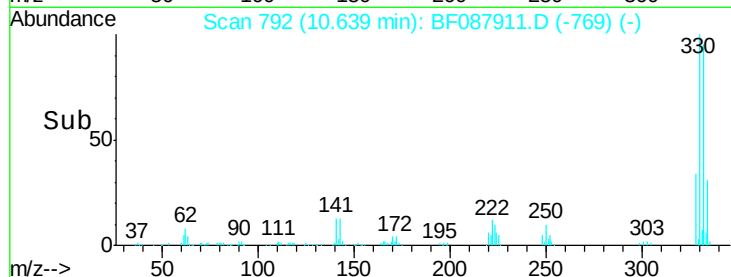
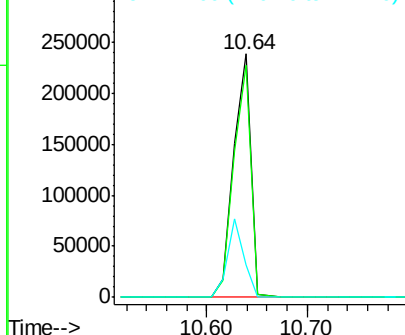
#41
 2,4,6-Tribromophenol
 Concen: 155.31 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087911.D
 Acq: 11 Jun 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW4-9007

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	31.1	0.0	0.0#

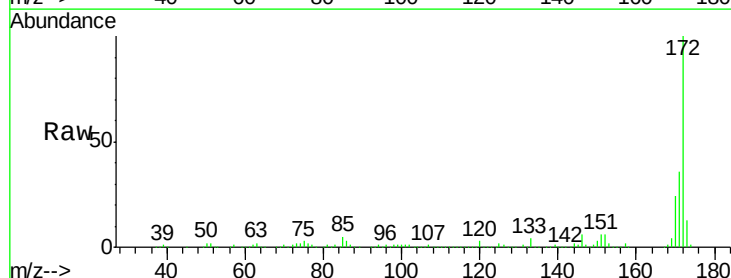


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

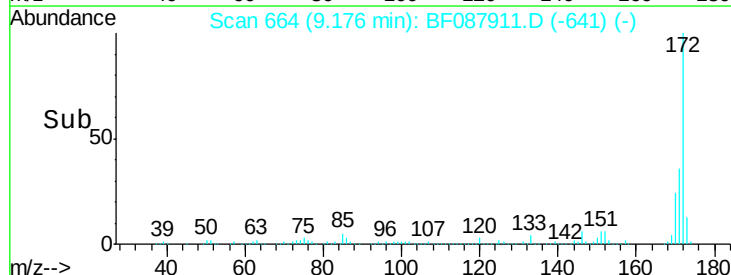
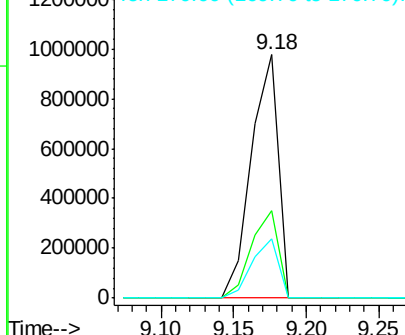


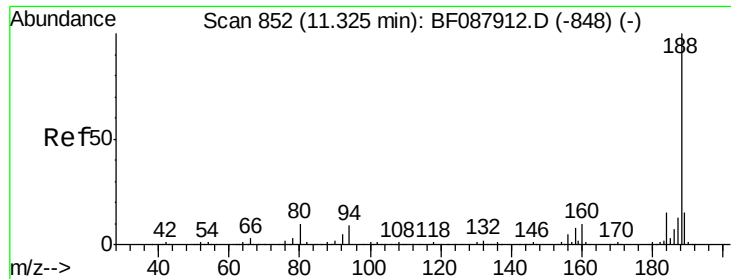
#44
 2-Fluorobiphenyl
 Concen: 116.02 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087911.D
 Acq: 11 Jun 2016 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

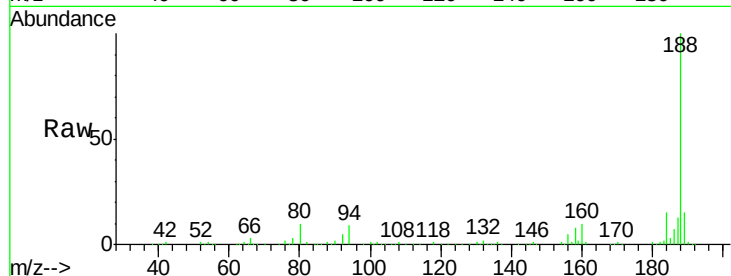




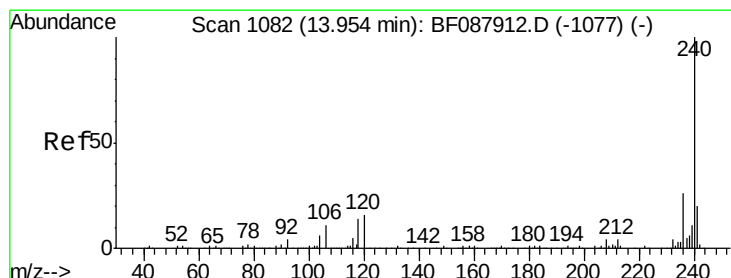
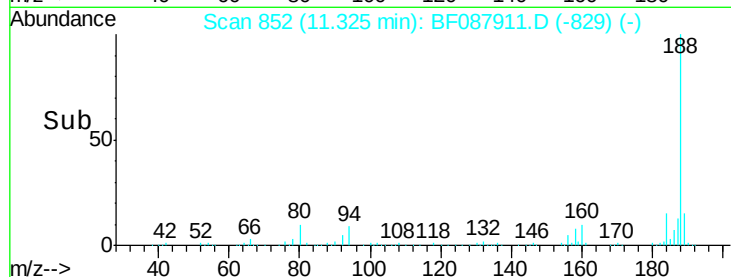
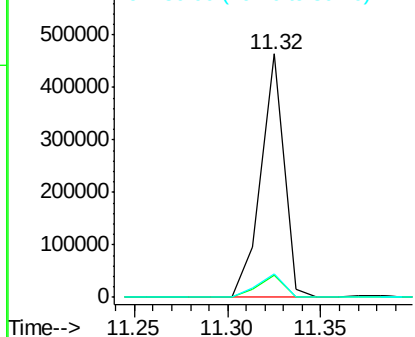
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087911.D
Acq: 11 Jun 2016 19:34

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4-9007

Tot Ion:188 Resp: 396374
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.6
80 9.7 10.0 15.0#

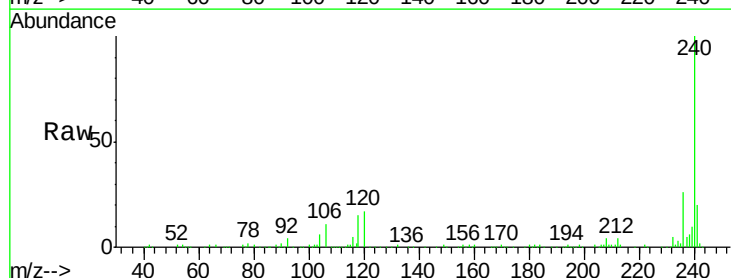


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

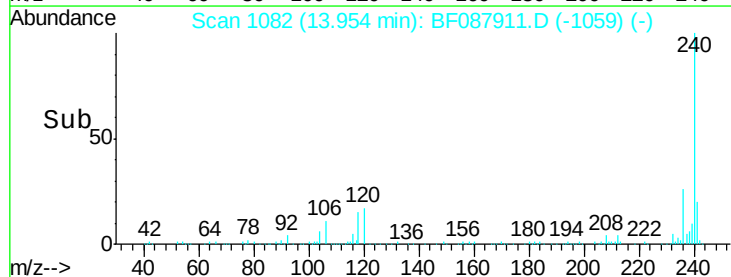
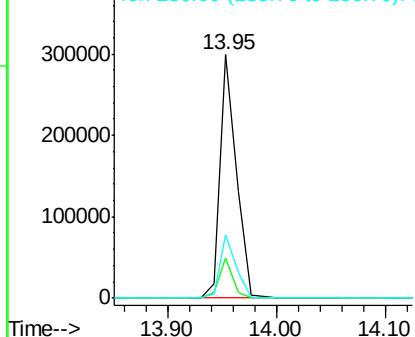


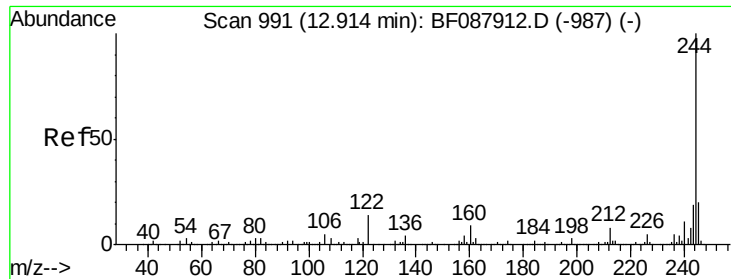
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087911.D
Acq: 11 Jun 2016 19:34

Tgt Ion:240 Resp: 312646
Ion Ratio Lower Upper
240 100
120 16.5 6.8 10.2#
236 25.9 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

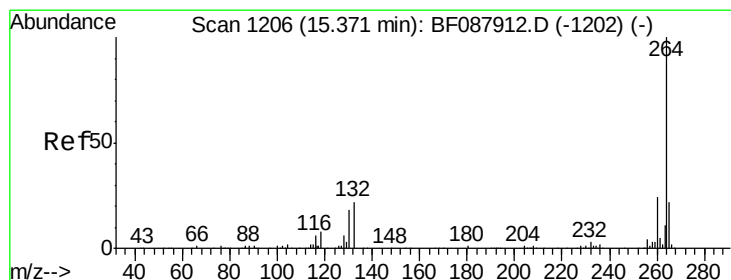
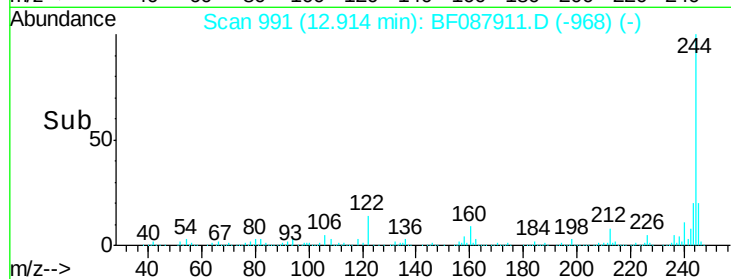
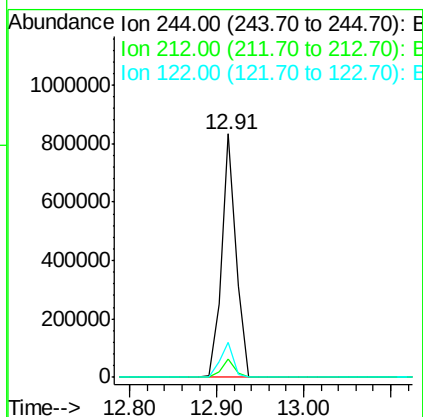
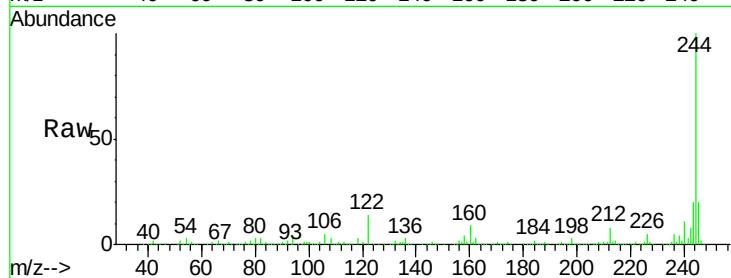




#78
 Terphenyl-d14
 Concen: 70.41 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087911.D
 Acq: 11 Jun 2016 19:34

Instrument :
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 ClientSampleId :
 SP16-LF2MW4-9007

Tot Ion:244 Resp: 967356
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 14.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087911.D
 Acq: 11 Jun 2016 19:34

Tgt Ion:264 Resp: 269656
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.6 16.9 25.3

