

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088055.D
 Acq On : 16 Jun 2016 1:30
 Operator : UM/SJ
 Sample : PB91233BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91233BL

Quant Time: Jun 16 04:15:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	114737	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	437188	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	201517	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	307485	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	224520	20.00	ng	-0.01
86) Perylene-d12	15.29	264	226344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	740345	110.31	ng	0.02
7) Phenol-d6	6.39	99	876732	107.79	ng	0.00
23) Nitrobenzene-d5	7.31	82	584212	78.03	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	175936	82.68	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	872095	66.80	ng	-0.01
78) Terphenyl-d14	12.85	244	611765	62.00	ng	0.00

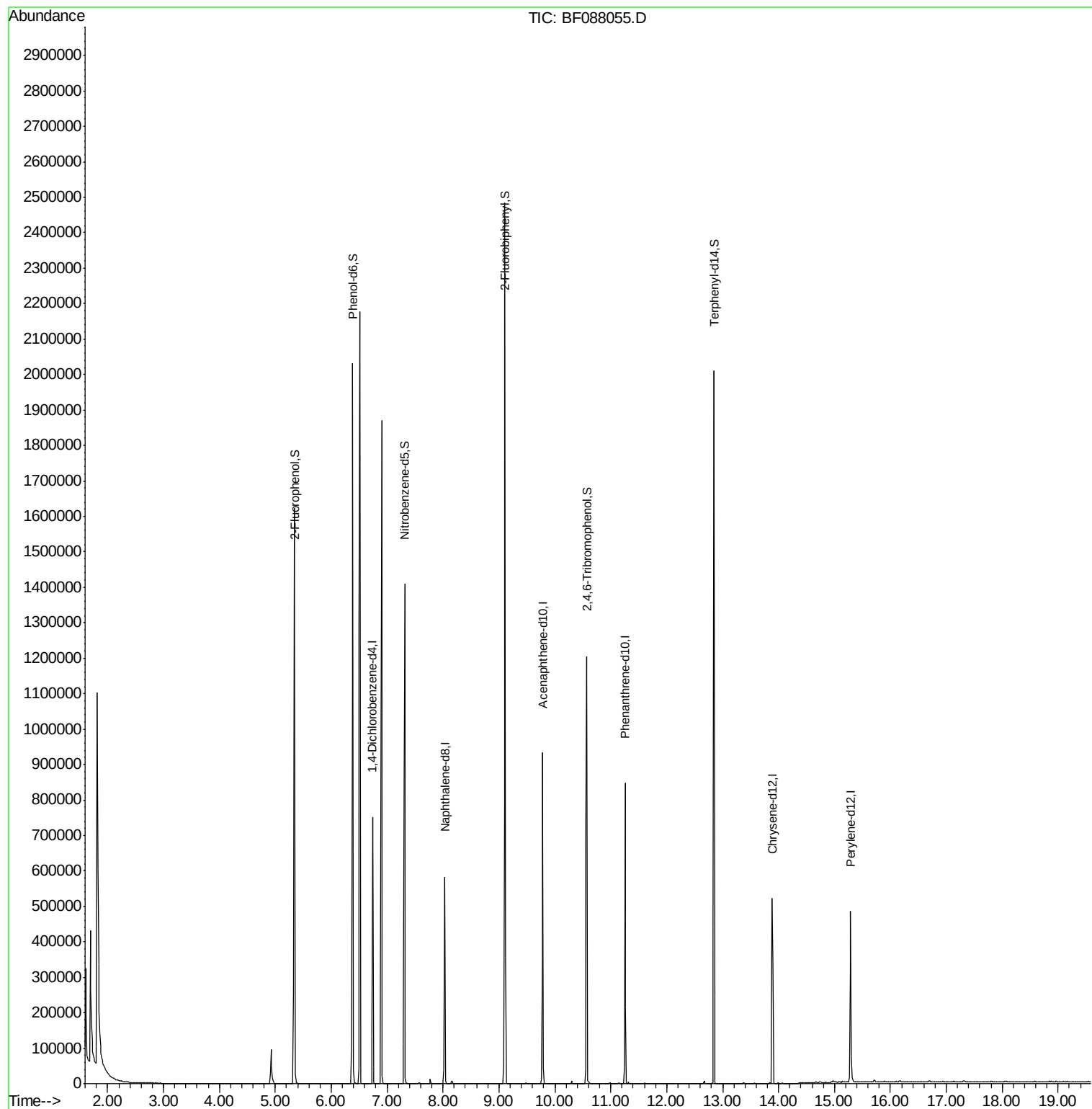
Target Compounds Qvalue

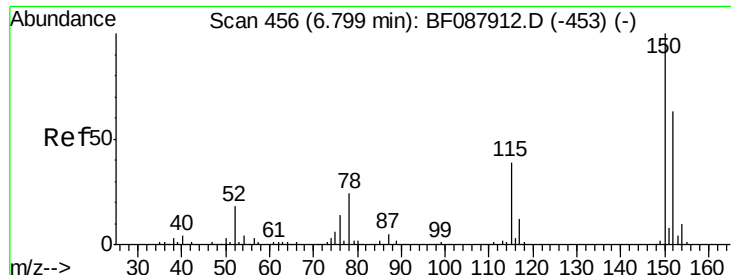
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088055.D
Acq On : 16 Jun 2016 1:30
Operator : UM/SJ
Sample : PB91233BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91233BL

Quant Time: Jun 16 04:15:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 03:20:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088055.D

Acq: 16 Jun 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB91233BL

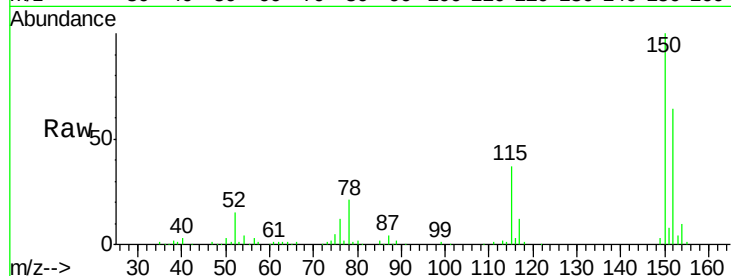
Tot Ion:152 Resp: 114737

Ion Ratio Lower Upper

152 100

150 155.9 123.8 185.6

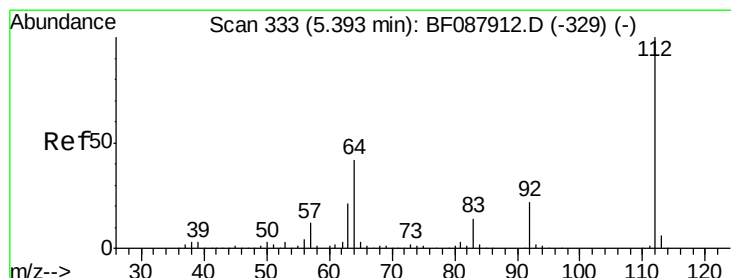
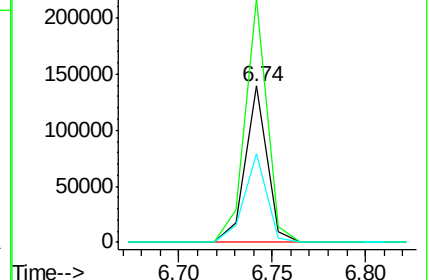
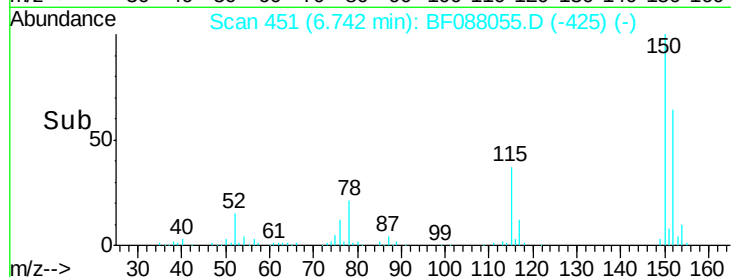
115 57.1 39.6 59.4



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: 110.31 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.02 min

Lab File: BF088055.D

Acq: 16 Jun 2016 1:30

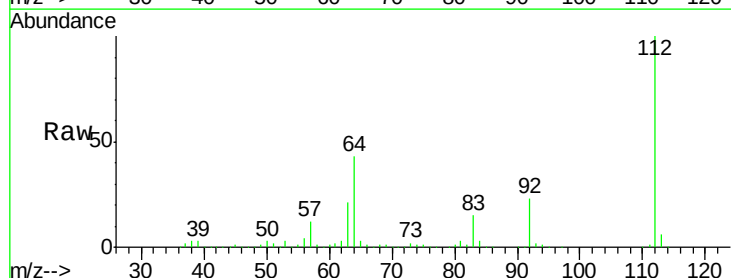
Tgt Ion:112 Resp: 740345

Ion Ratio Lower Upper

112 100

64 42.7 42.2 63.2

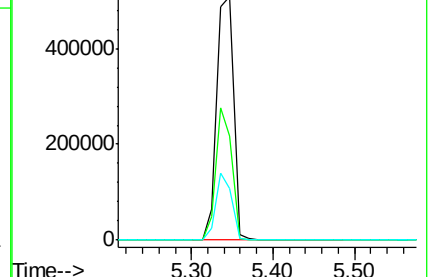
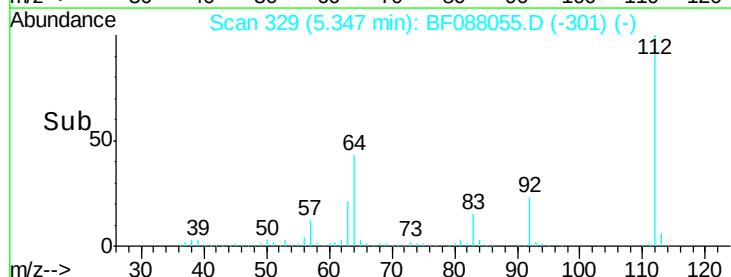
63 21.2 21.8 32.8#

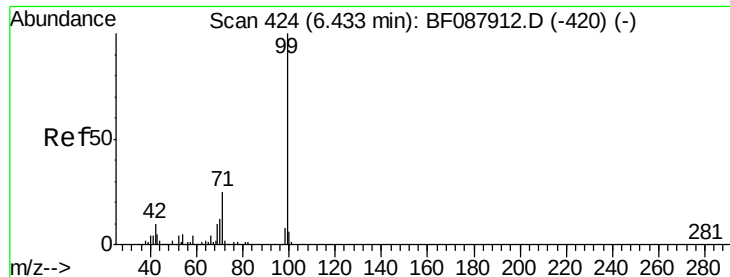


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.79 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088055.D

Acq: 16 Jun 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB91233BL

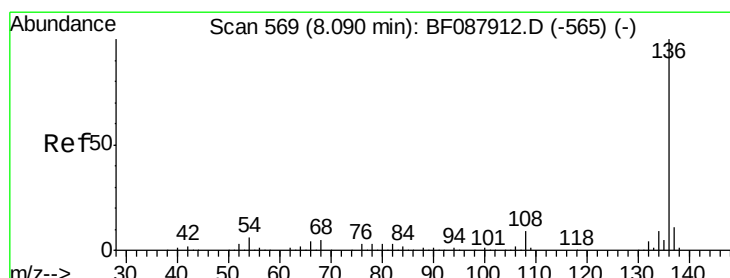
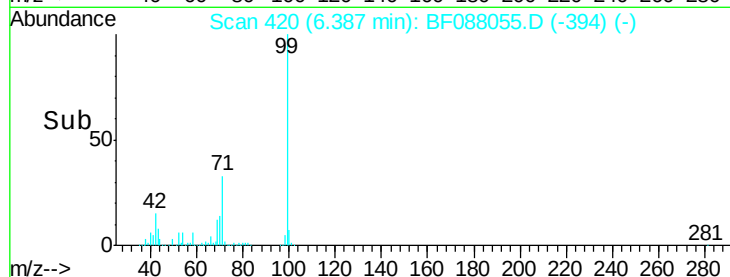
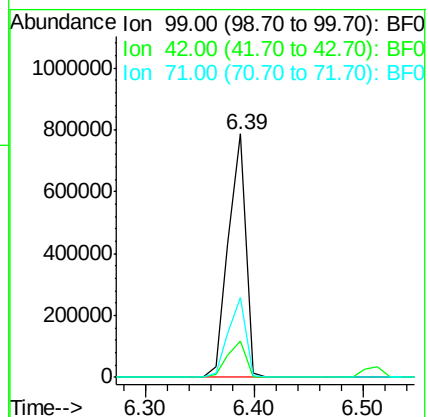
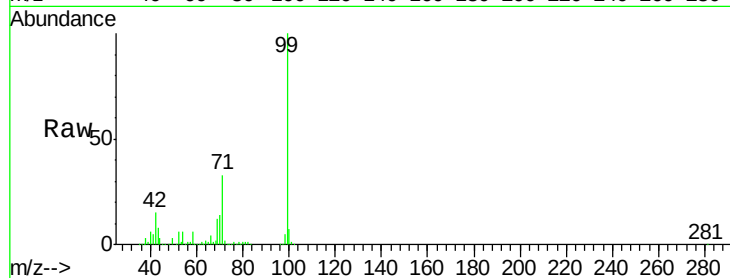
Tot Ion: 99 Resp: 876732

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 32.6 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088055.D

Acq: 16 Jun 2016 1:30

Tgt Ion: 136 Resp: 437188

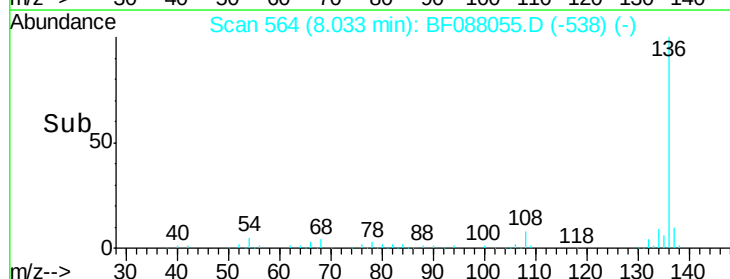
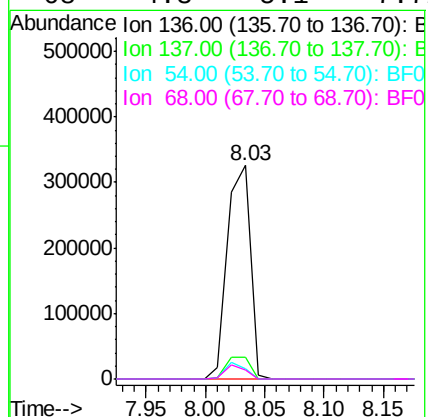
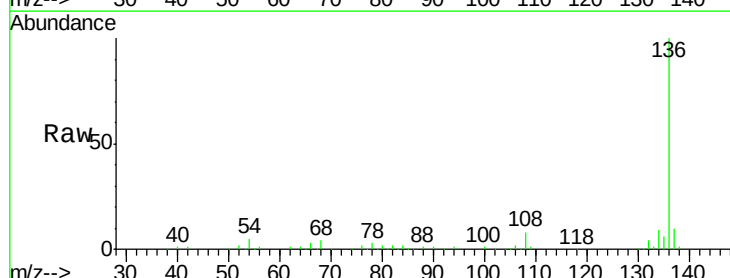
Ion Ratio Lower Upper

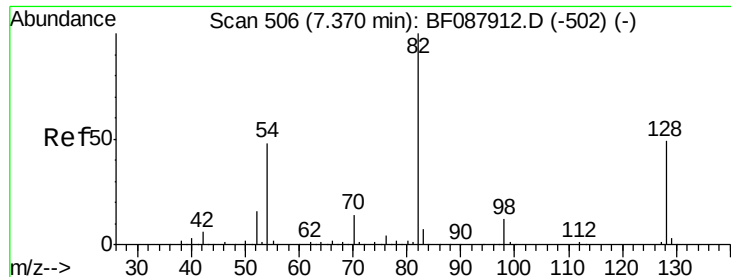
136 100

137 10.3 9.1 13.7

54 4.8 6.6 10.0#

68 4.3 5.1 7.7#

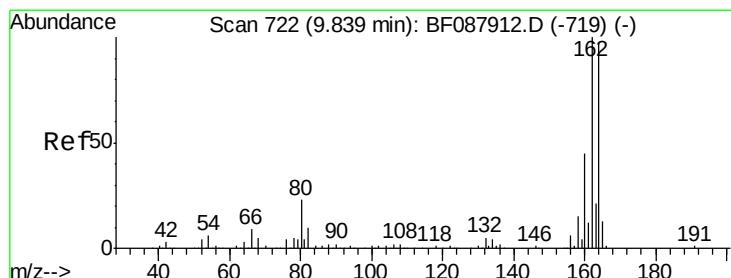
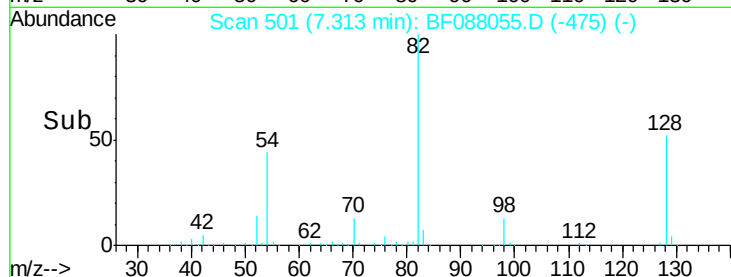
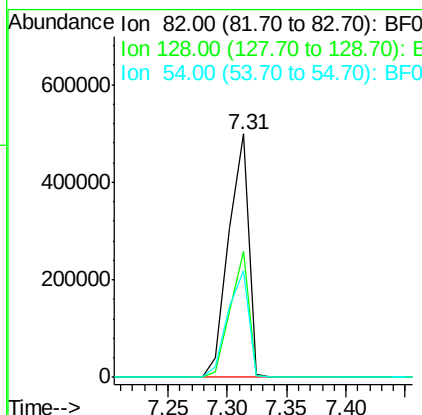
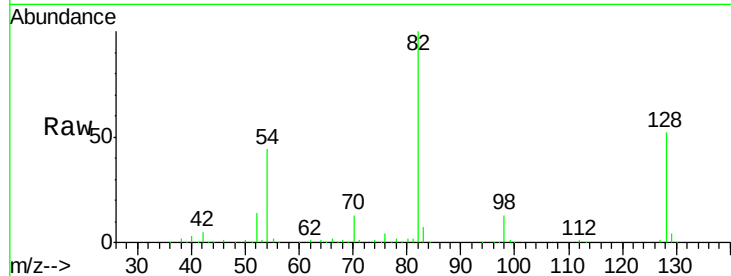




#23
 Nitrobenzene-d5
 Concen: 78.03 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF088055.D
 Acq: 16 Jun 2016 1:30

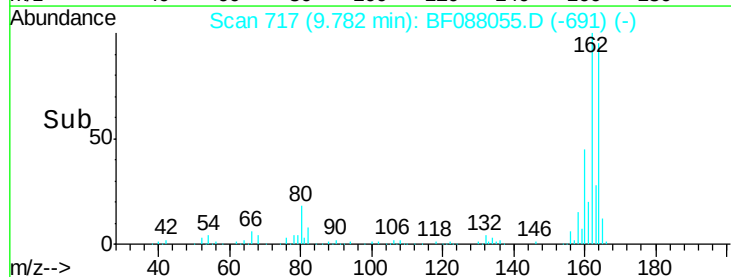
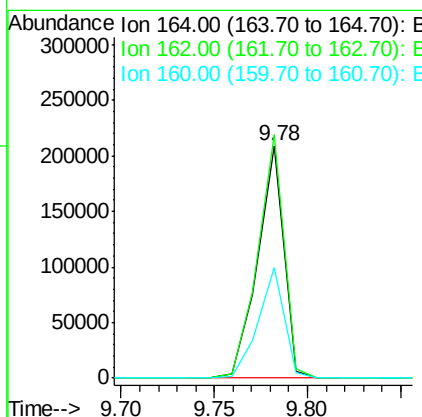
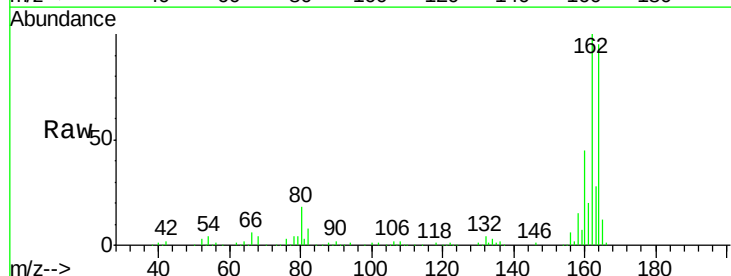
Instrument :
 BNA_F
 ClientSampleID :
 PB91233BL

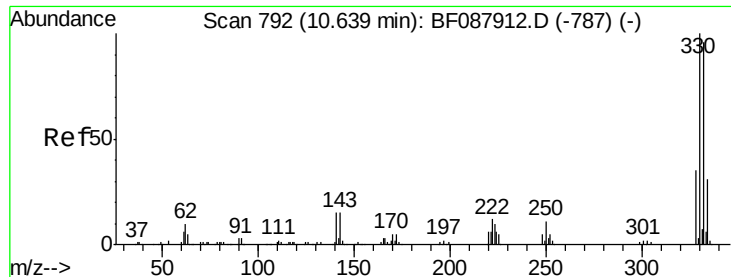
Tot Ion: 82 Resp: 584212
 Ion Ratio Lower Upper
 82 100
 128 51.9 35.9 53.9
 54 44.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088055.D
 Acq: 16 Jun 2016 1:30

Tgt Ion:164 Resp: 201517
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.4 128.2
 160 47.6 39.5 59.3

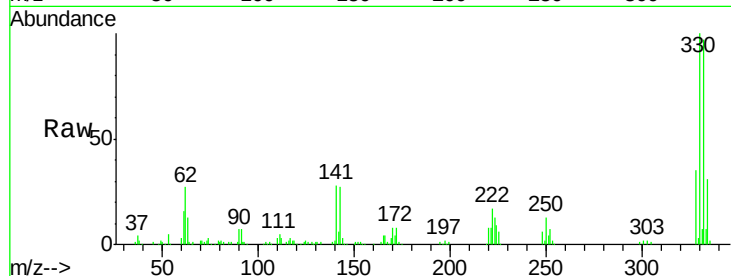




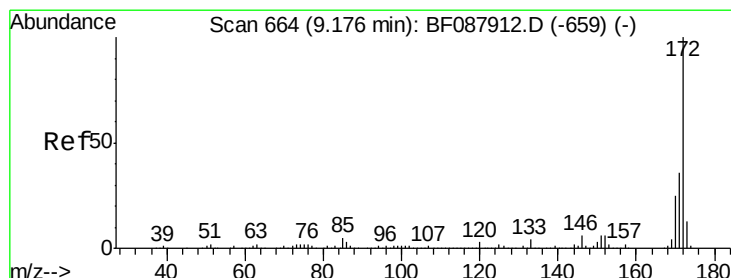
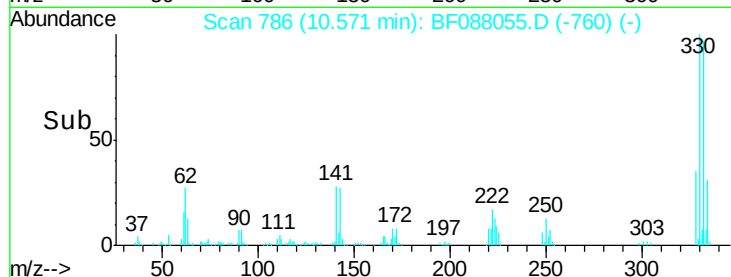
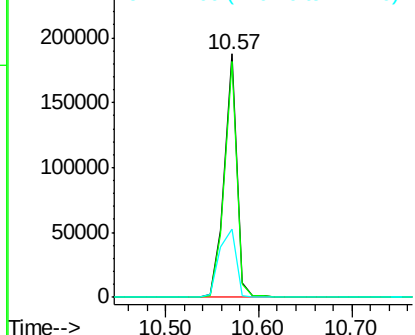
#41
 2,4,6-Tribromophenol
 Concen: 82.68 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088055.D
 Acq: 16 Jun 2016 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91233BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	37.4	0.0	0.0#

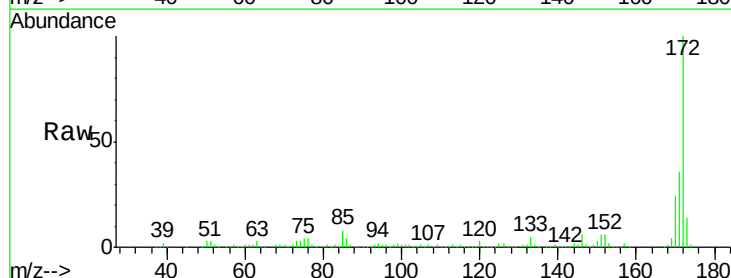


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

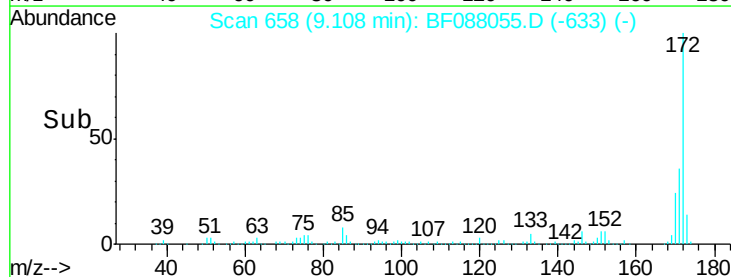
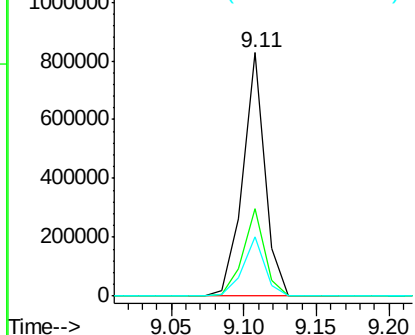


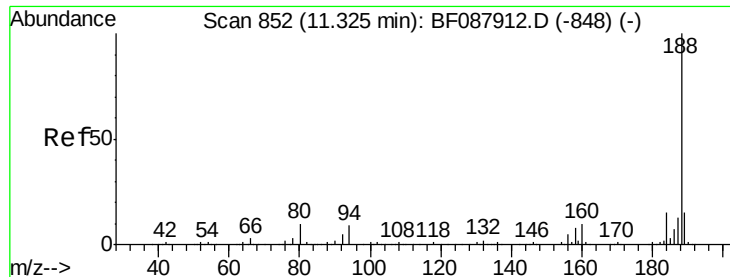
#44
 2-Fluorobiphenyl
 Concen: 66.80 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088055.D
 Acq: 16 Jun 2016 1:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	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

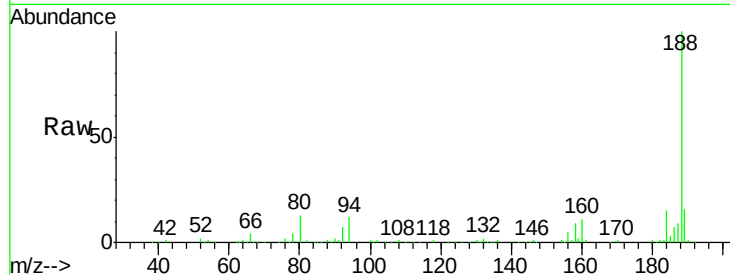




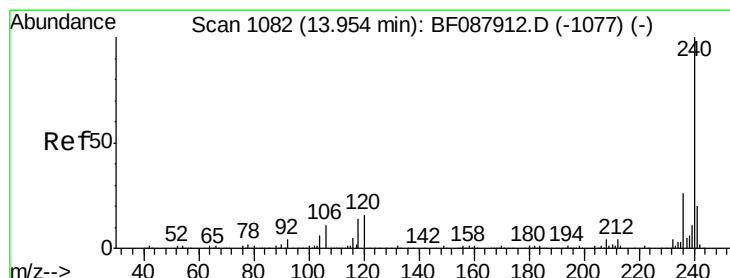
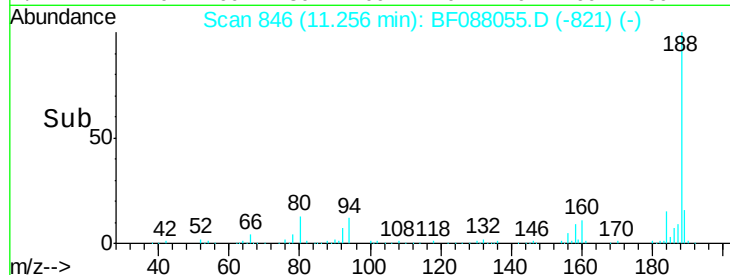
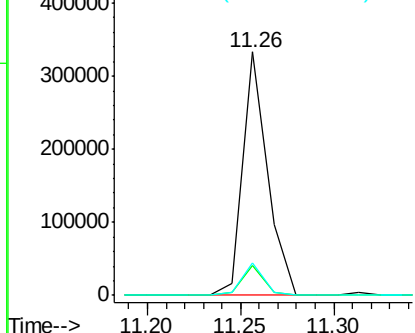
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF088055.D
Acq: 16 Jun 2016 1:30

Instrument :
BNA_F
ClientSampleId :
PB91233BL

Tot Ion:188 Resp: 307485
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.6
80 13.1 10.0 15.0

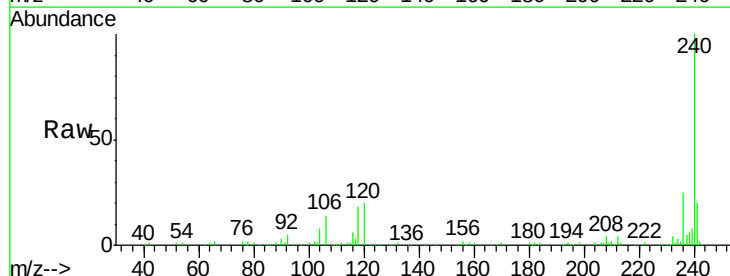


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

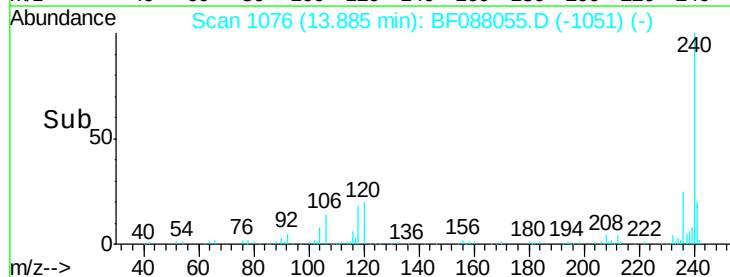
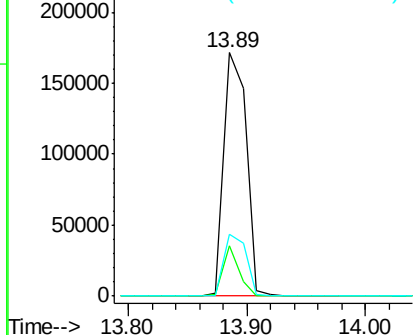


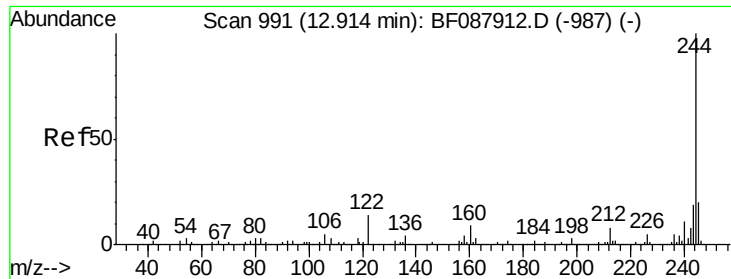
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF088055.D
Acq: 16 Jun 2016 1:30

Tgt Ion:240 Resp: 224520
Ion Ratio Lower Upper
240 100
120 20.5 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

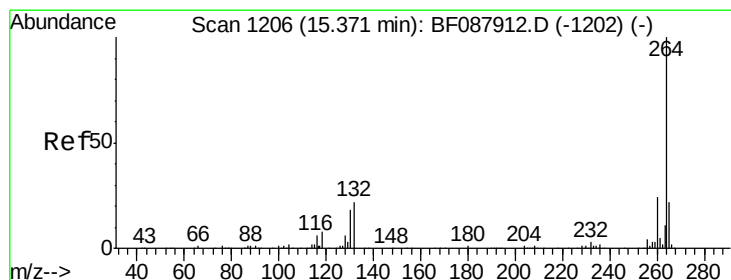
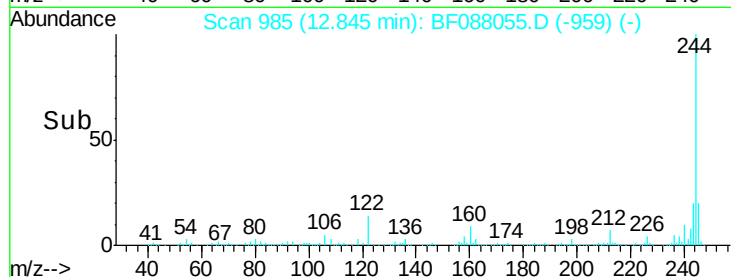
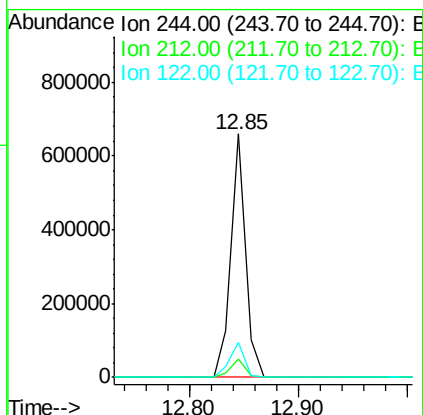
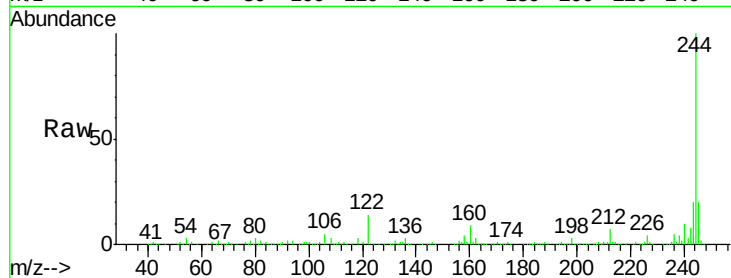




#78
 Terphenyl-d14
 Concen: 62.00 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088055.D
 Acq: 16 Jun 2016 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91233BL

Tot Ion:244 Resp: 611765
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF088055.D
 Acq: 16 Jun 2016 1:30

Tgt Ion:264 Resp: 226344
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.6 16.9 25.3

