

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087970.D
 Acq On : 13 Jun 2016 1:52
 Operator : UM/SJ
 Sample : H3473-13
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1120-(0-4)

Quant Time: Jun 13 06:51:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110077	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	447510	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	221452	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	408261	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	273393	20.00	ng	-0.01
86) Perylene-d12	15.36	264	165826	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	604720	93.92	ng	0.02
7) Phenol-d6	6.43	99	581266	74.49	ng	-0.01
23) Nitrobenzene-d5	7.37	82	666408	86.96	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	195918	83.79	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1084425	76.36	ng	-0.01
78) Terphenyl-d14	12.91	244	1024737	85.29	ng	0.00

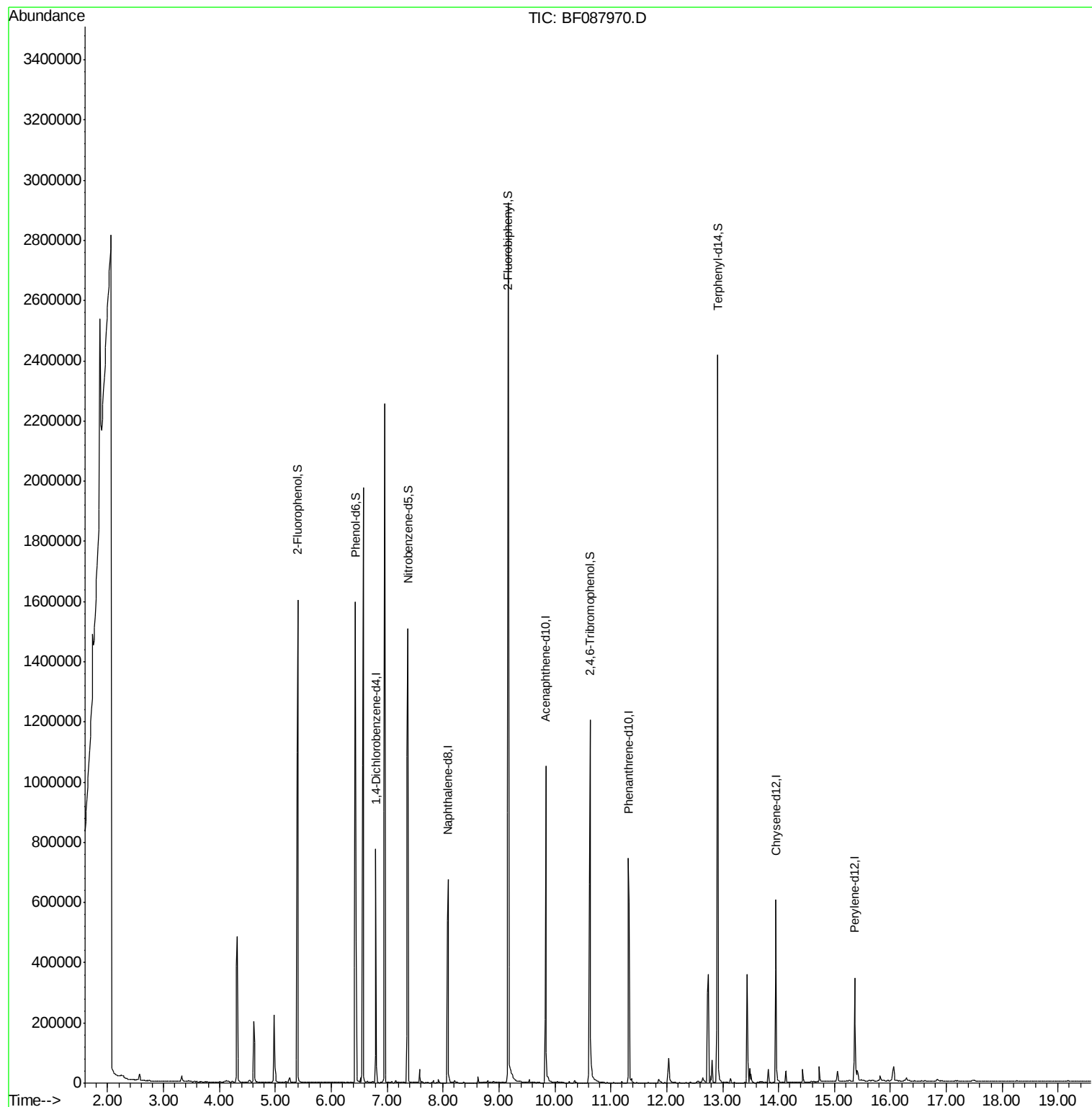
Target Compounds Qvalue

(#) = 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. -0.00 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

Instrument :

BNA_F

ClientSampleId :

STA-1120-(0-4)

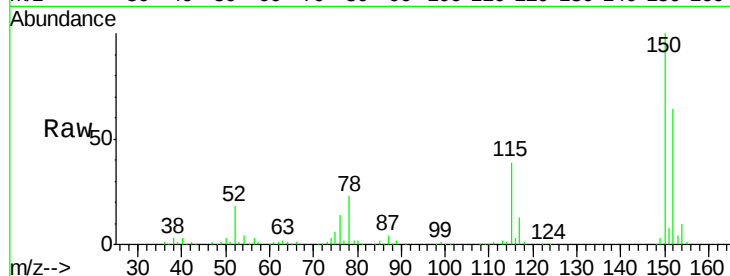
Tot Ion:152 Resp: 110077

Ion Ratio Lower Upper

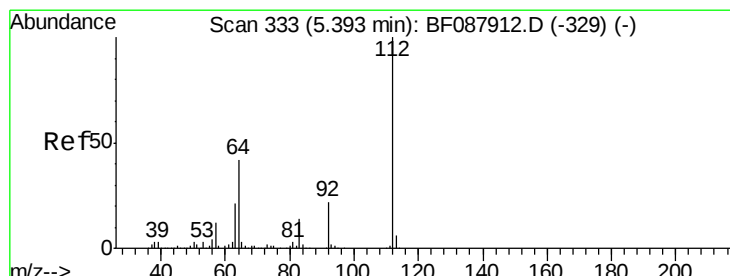
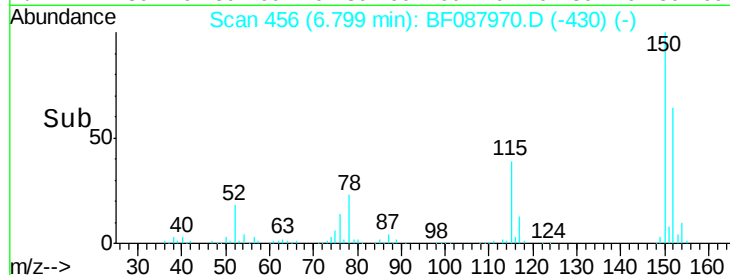
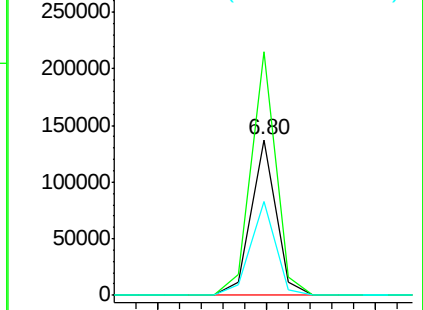
152 100

150 156.3 123.8 185.6

115 60.3 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: 93.92 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.02 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

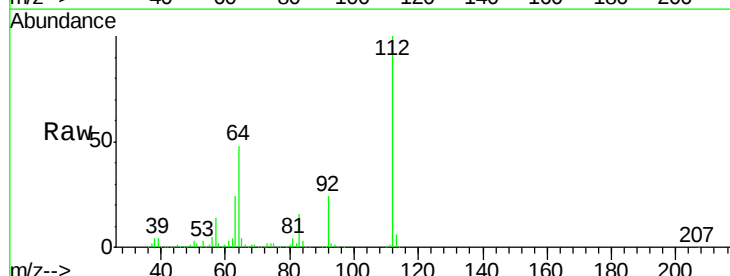
Tgt Ion:112 Resp: 604720

Ion Ratio Lower Upper

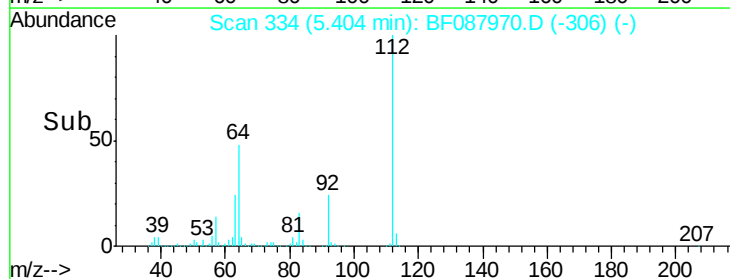
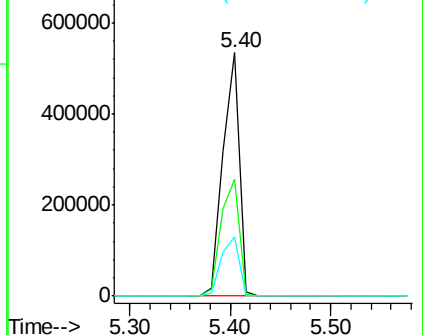
112 100

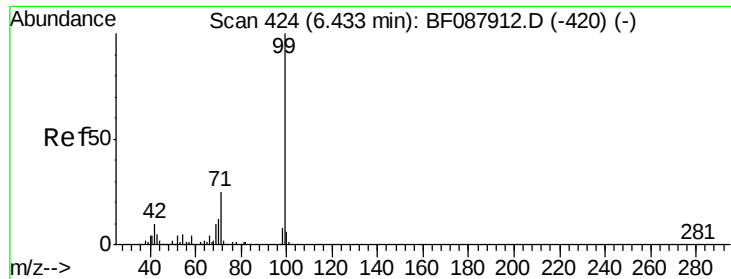
64 47.9 42.2 63.2

63 24.3 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: 74.49 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

Instrument :

BNA_F

ClientSampleId :

STA-1120-(0-4)

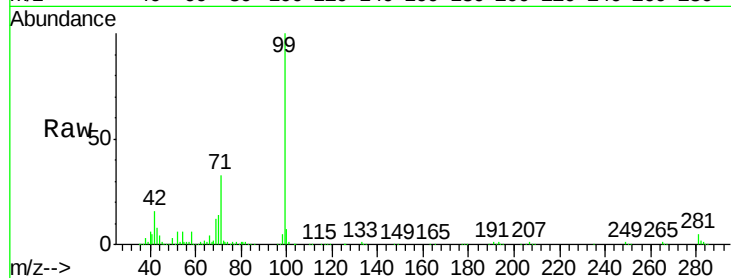
Tot Ion: 99 Resp: 581266

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.2

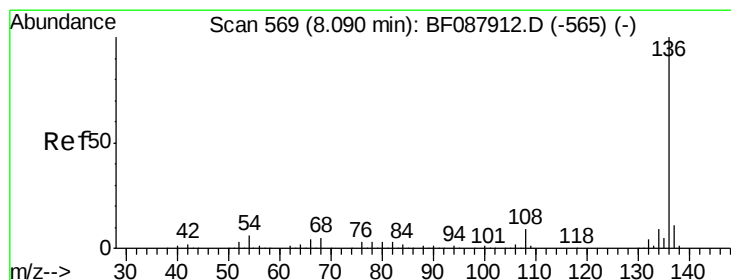
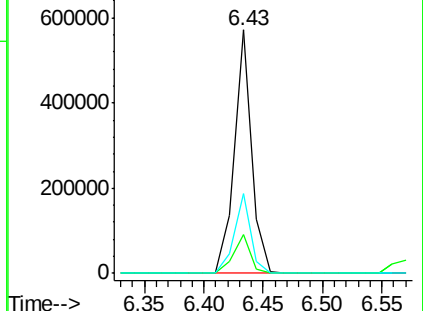
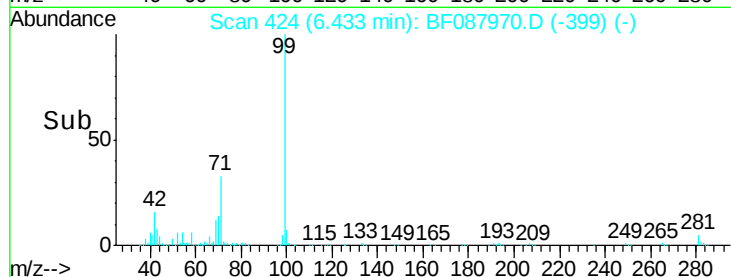
71 32.6 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

Tgt Ion: 136 Resp: 447510

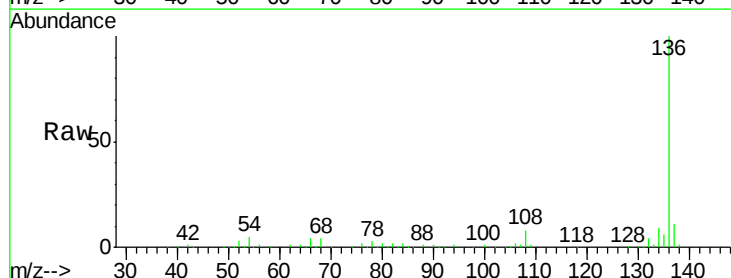
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.1 6.6 10.0#

68 4.5 5.1 7.7#

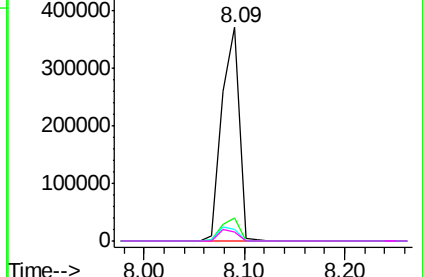
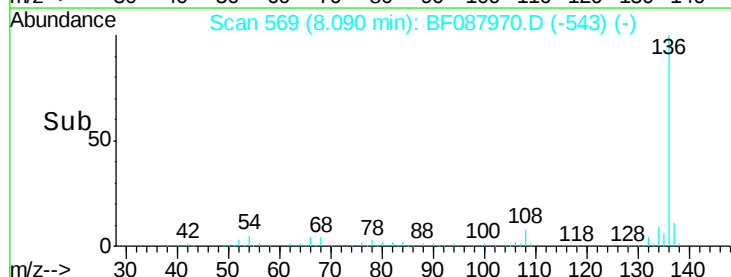


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

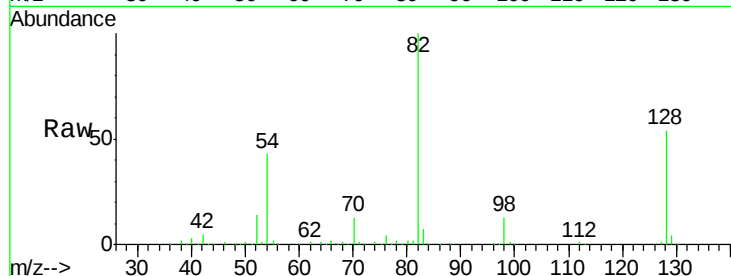




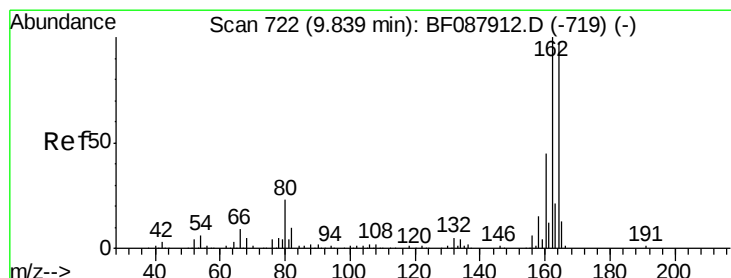
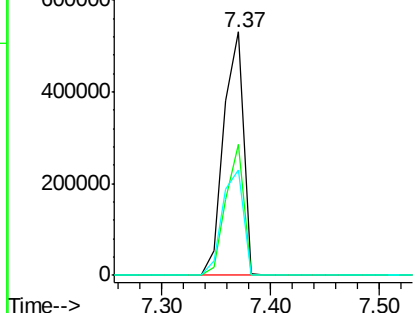
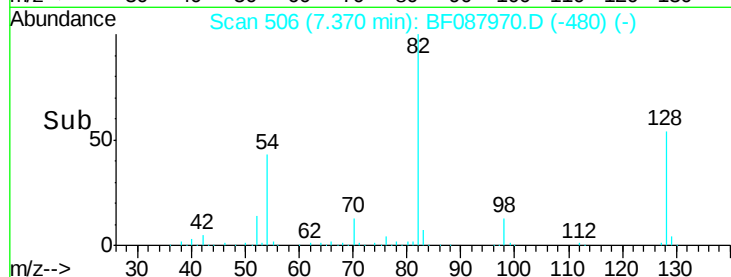
#23
 Nitrobenzene-d5
 Concen: 86.96 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 STA-1120-(0-4)

Tot Ion	82	Resp	666408
Ion Ratio	100	Lower	Upper
128	53.7	35.9	53.9
54	43.4	40.9	61.3

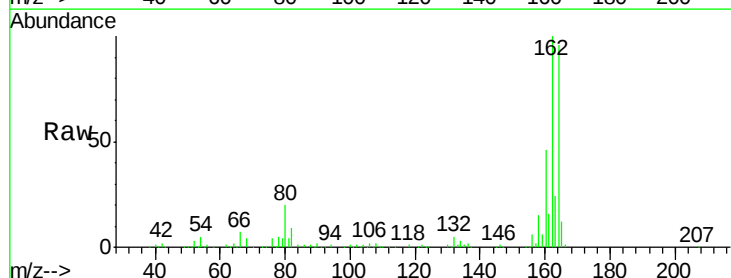


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

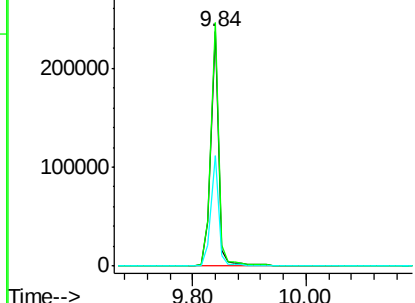
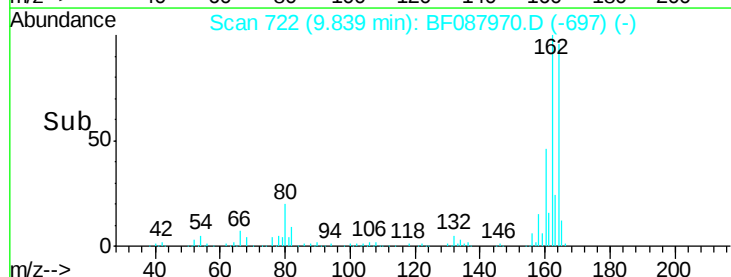


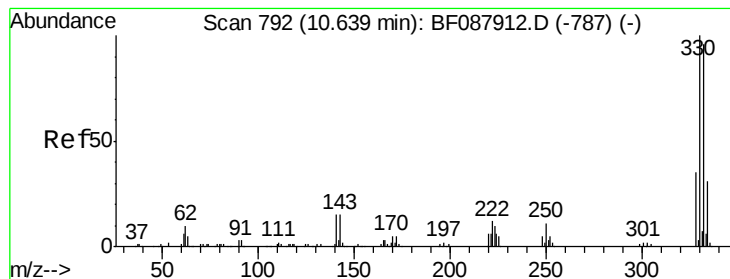
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Tgt Ion	164	Resp	221452
Ion Ratio	100	Lower	Upper
162	103.8	85.4	128.2
160	47.2	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

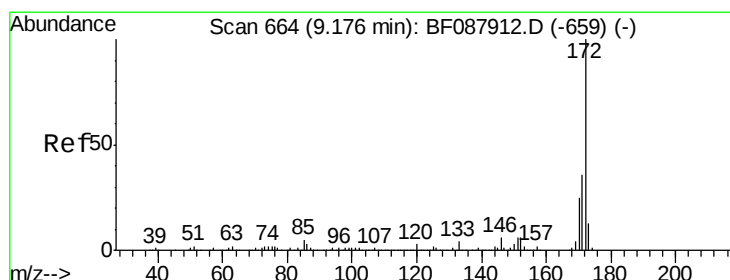
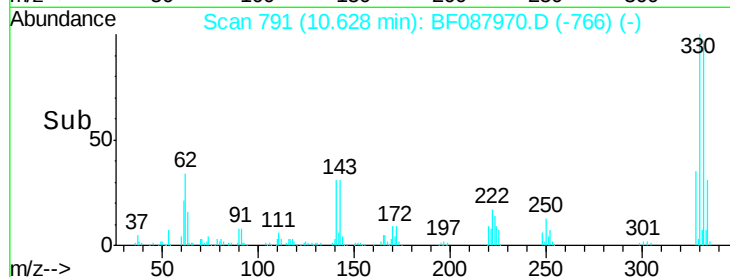
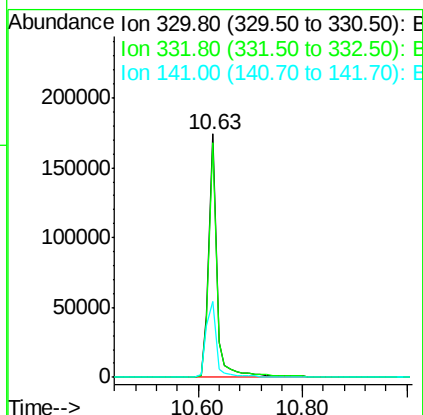
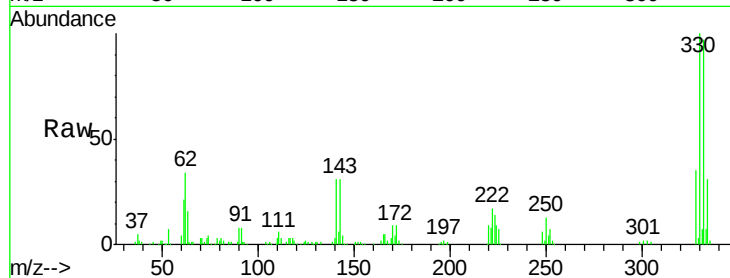




#41
 2,4,6-Tribromophenol
 Concen: 83.79 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

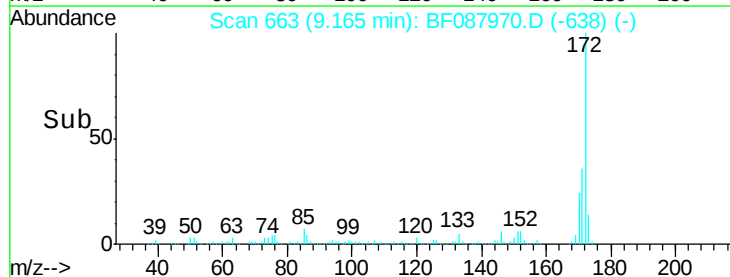
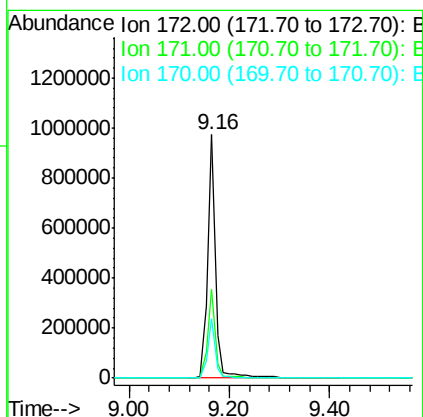
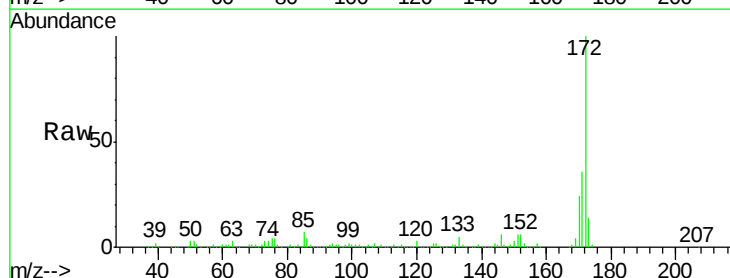
Instrument :
 BNA_F
 ClientSampleId :
 STA-1120-(0-4)

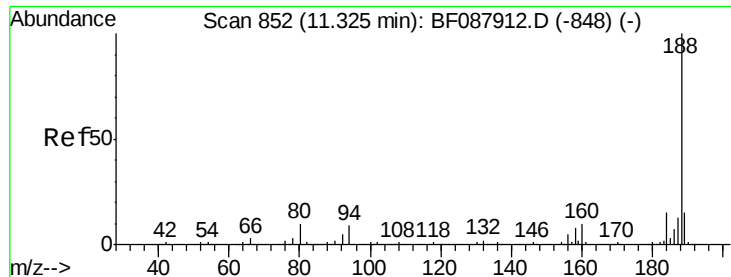
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	39.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 76.36 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.4	19.2	28.8

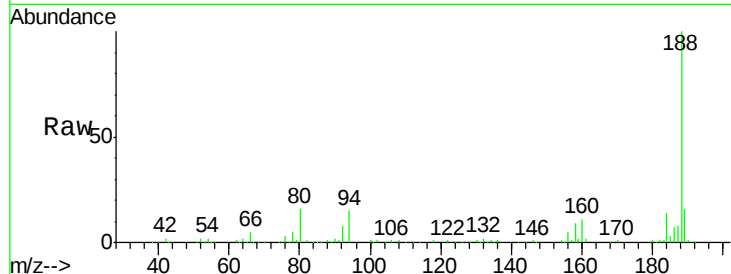




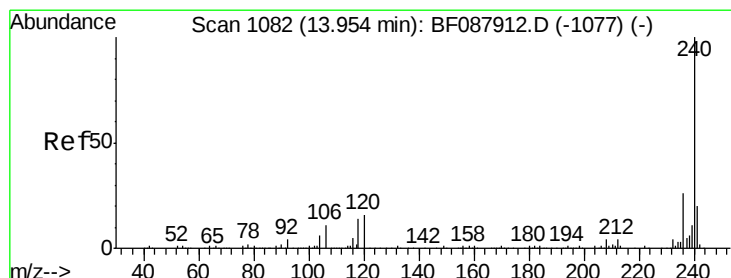
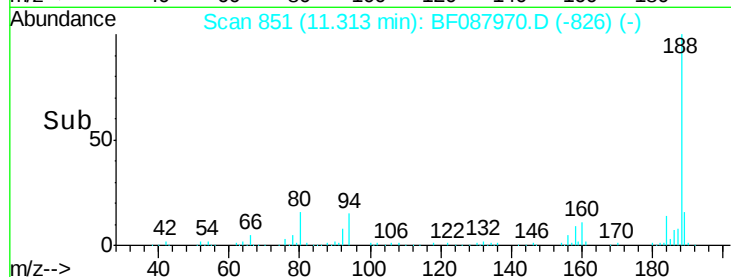
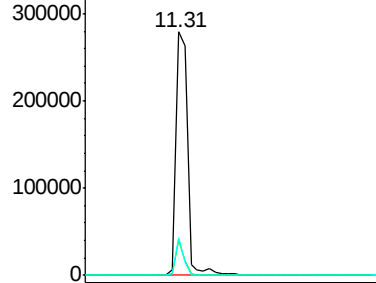
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF087970.D
Acq: 13 Jun 2016 1:52

Instrument :
BNA_F
ClientSampleId :
STA-1120-(0-4)

Tot Ion:188 Resp: 408261
Ion Ratio Lower Upper
188 100
94 14.6 9.0 13.6#
80 15.5 10.0 15.0#

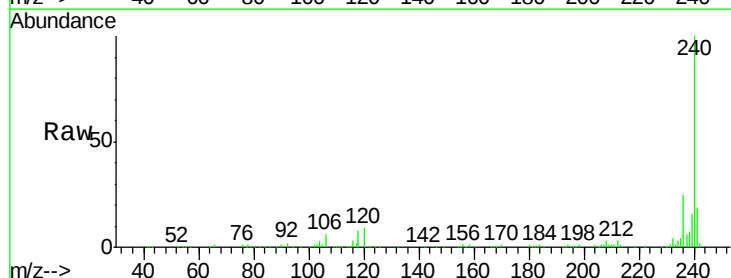


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

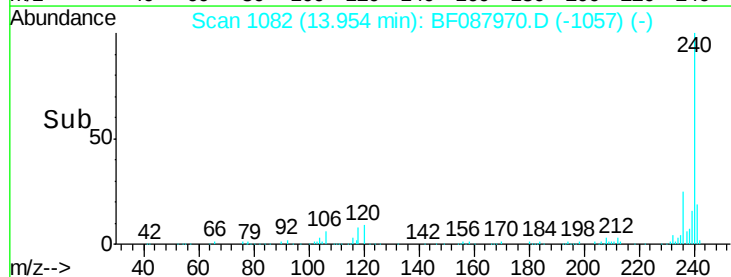
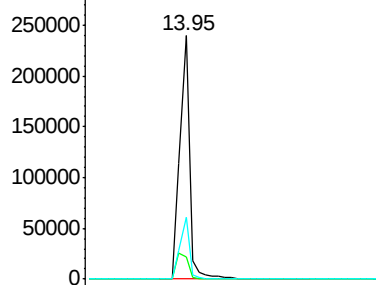


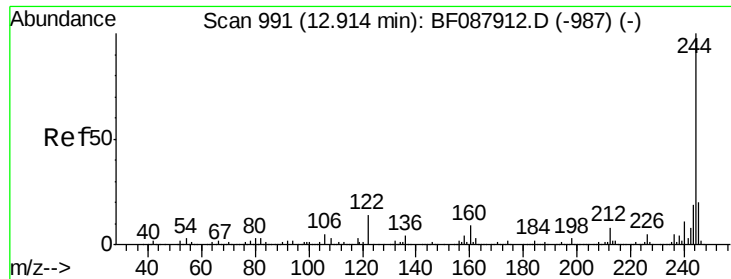
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087970.D
Acq: 13 Jun 2016 1:52

Tgt Ion:240 Resp: 273393
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 25.5 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

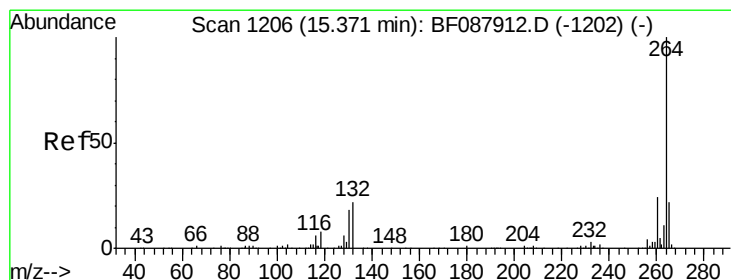
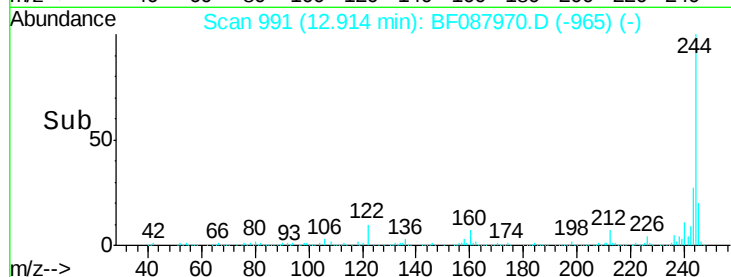
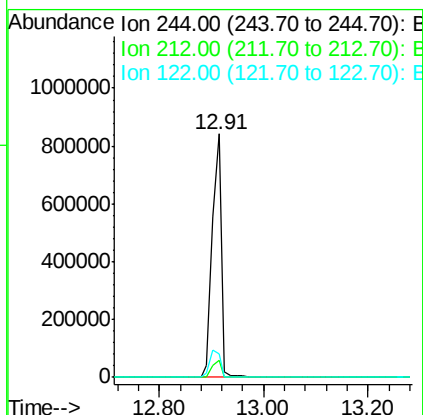
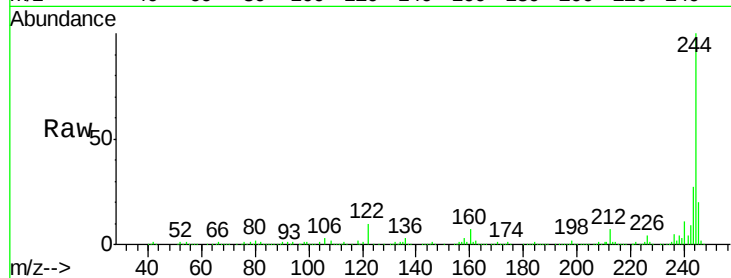




#78
 Terphenyl-d14
 Concen: 85.29 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Instrument :
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 ClientSampleId :
 STA-1120-(0-4)

Tot Ion:244 Resp: 1024737
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.9 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Tgt Ion:264 Resp: 165826
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 16.9 25.3

