

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040516\
 Data File : BF086085.D
 Acq On : 5 Apr 2016 20:32
 Operator : UM/SJ
 Sample : H2180-09RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20160401RE

Quant Time: Apr 06 01:14:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	116002	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	445999	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	218174	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	399416	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	284613	20.00	ng	-0.02
86) Perylene-d12	15.31	264	217575	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	514425	75.80	ng	-0.02
7) Phenol-d6	6.40	99	448357	52.01	ng	-0.02
23) Nitrobenzene-d5	7.32	82	654693	86.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	250663	122.41	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1074850	81.91	ng	-0.02
78) Terphenyl-d14	12.86	244	1128520	93.21	ng	-0.01

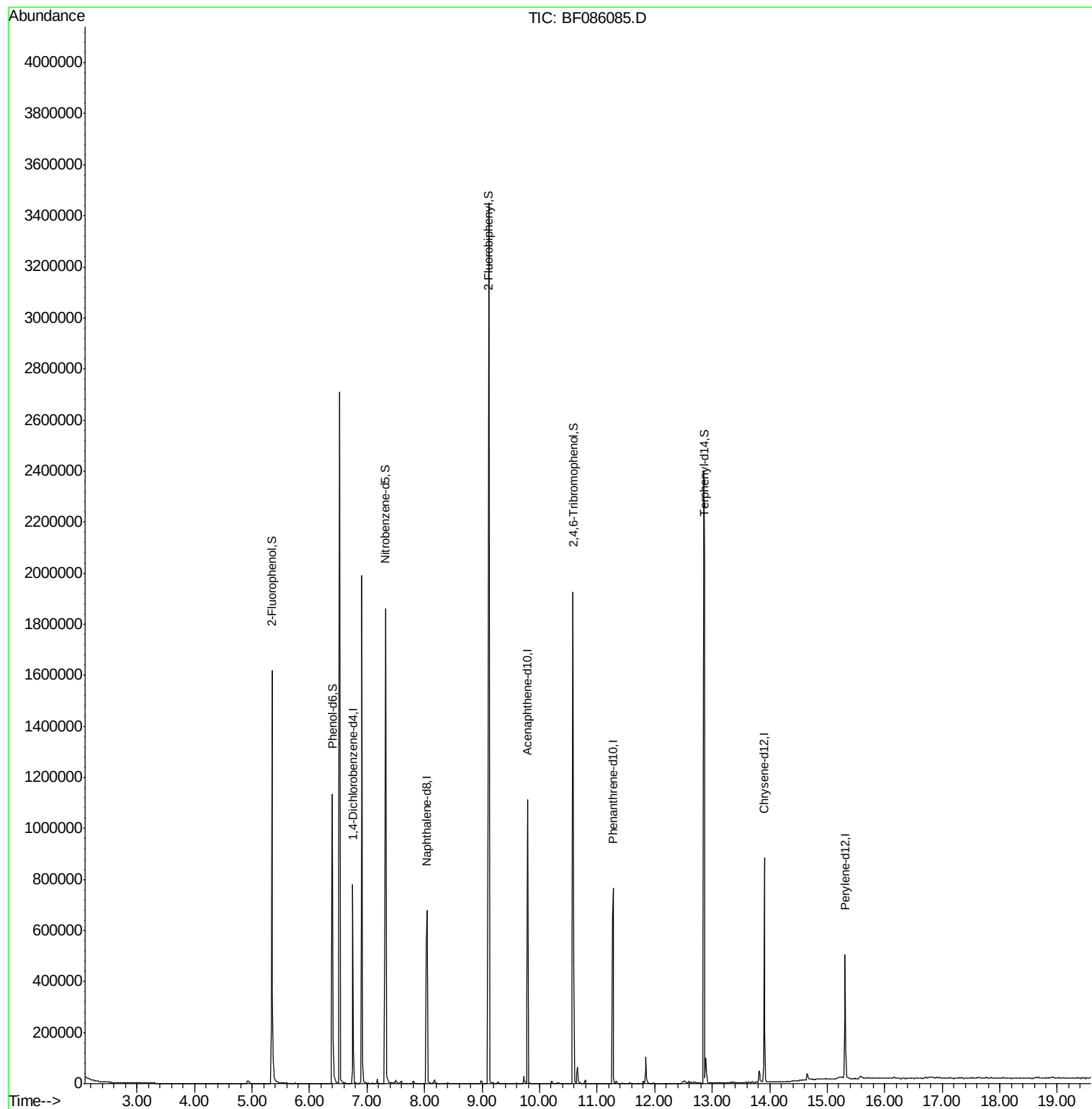
Target Compounds Qvalue

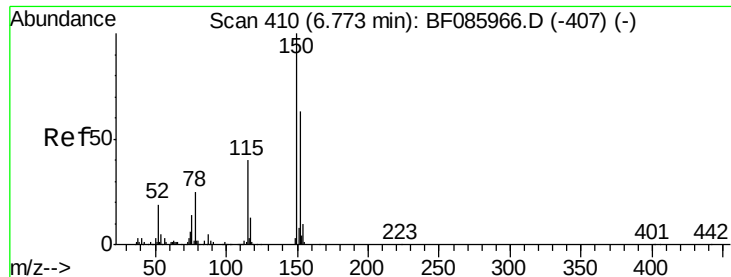
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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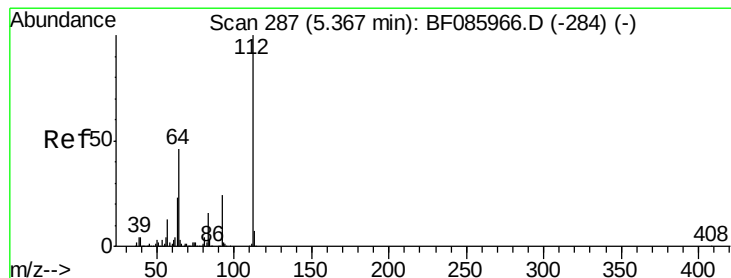
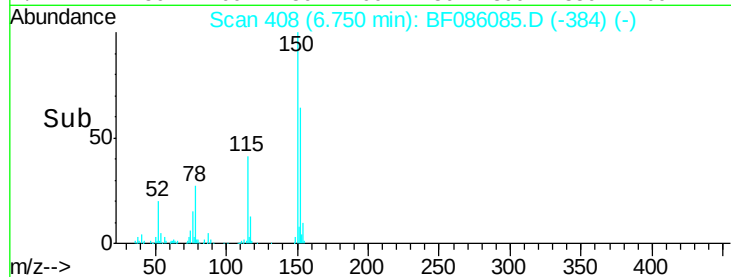
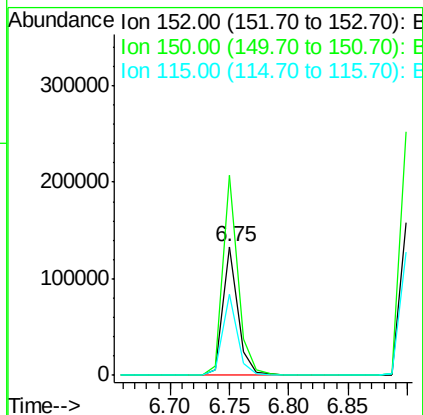
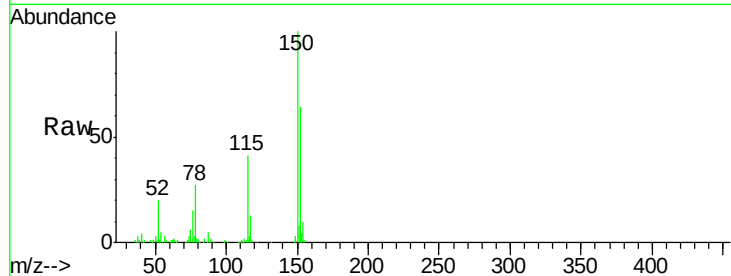


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF086085.D
Acq: 5 Apr 2016 20:32

Instrument :
BNA_F
ClientSampleId :
FB-20160401RE

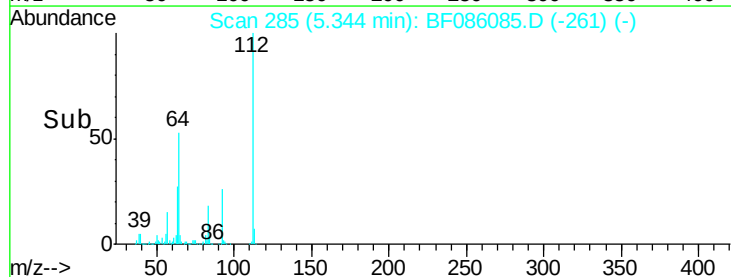
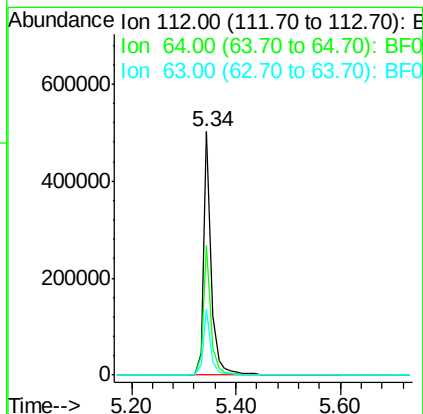
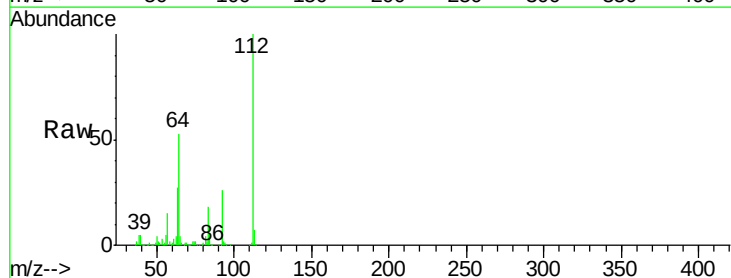
Tot Ion:152 Resp: 116002
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.2
115 63.1 47.0 70.6

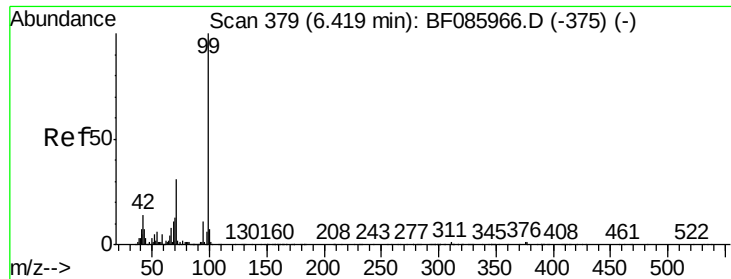


#5

2-Fluorophenol
Concen: 75.80 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086085.D
Acq: 5 Apr 2016 20:32

Tgt Ion:112 Resp: 514425
Ion Ratio Lower Upper
112 100
64 53.3 39.9 59.9
63 27.1 20.2 30.2





#7

Phenol-d6

Concen: 52.01 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086085.D

Acq: 5 Apr 2016 20:32

Instrument :

BNA_F

ClientSampleId :

FB-20160401RE

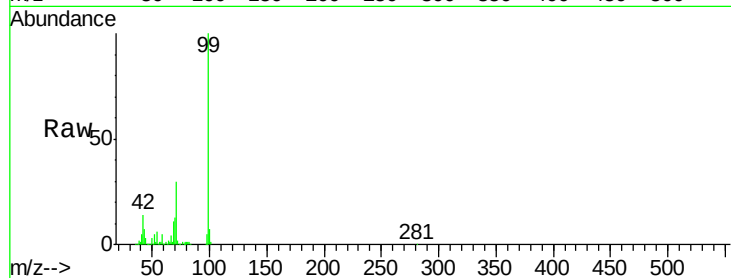
Tot Ion: 99 Resp: 448357

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.1	16.7
71	29.9	24.9	37.3

99 100

42 13.6 11.1 16.7

71 29.9 24.9 37.3



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

600000

500000

400000

300000

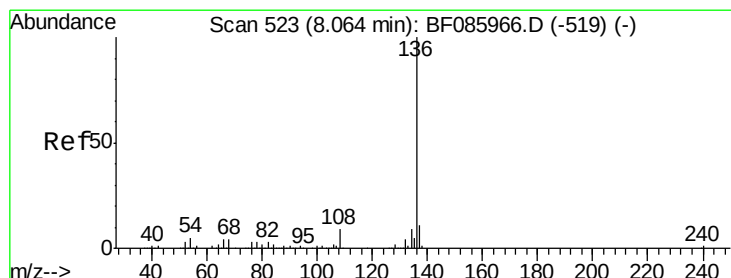
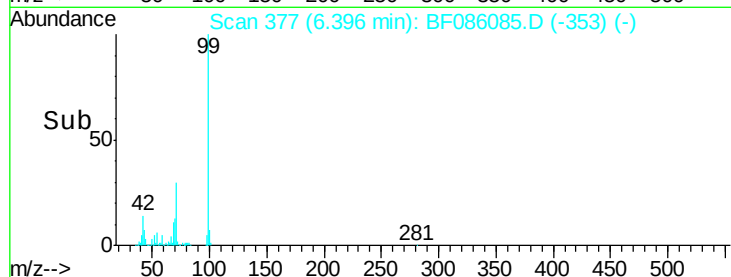
200000

100000

0

6.30 6.40 6.50

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086085.D

Acq: 5 Apr 2016 20:32

Tgt Ion: 136 Resp: 445999

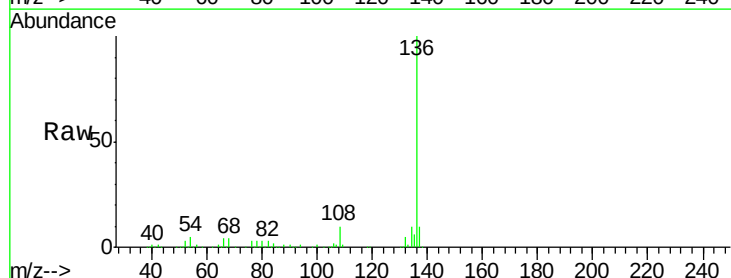
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	4.8	7.4	11.0#
68	4.3	5.8	8.8#

136 100

137 10.4 9.1 13.7

54 4.8 7.4 11.0#

68 4.3 5.8 8.8#



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

500000

400000

300000

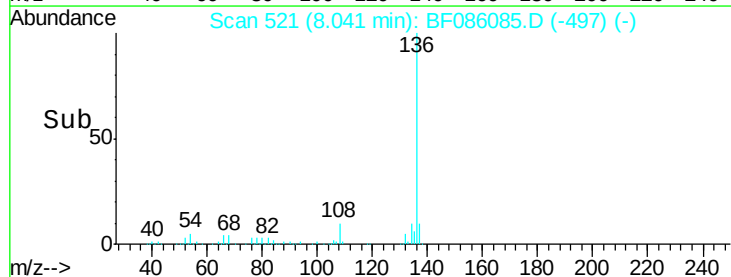
200000

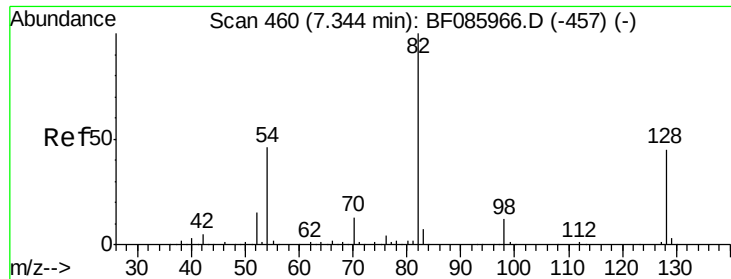
100000

0

7.90 8.00 8.10 8.20

Time-->

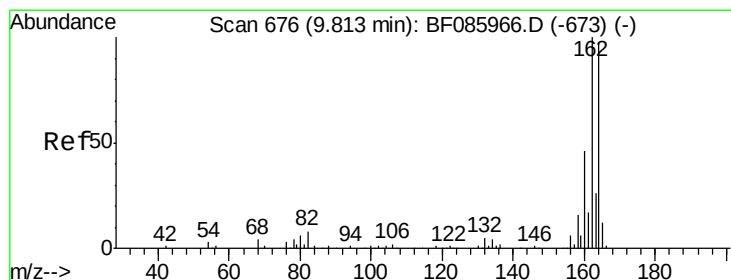
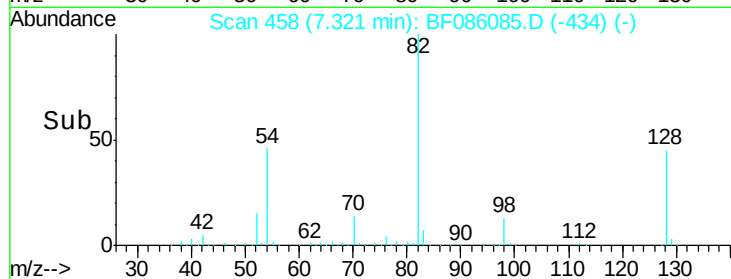
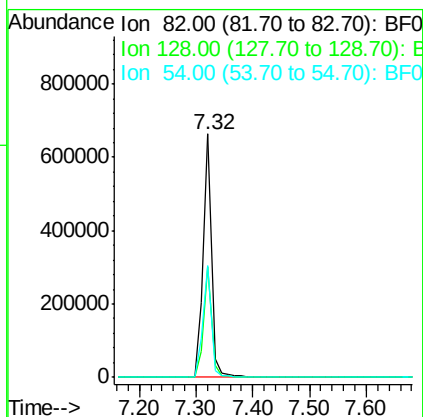
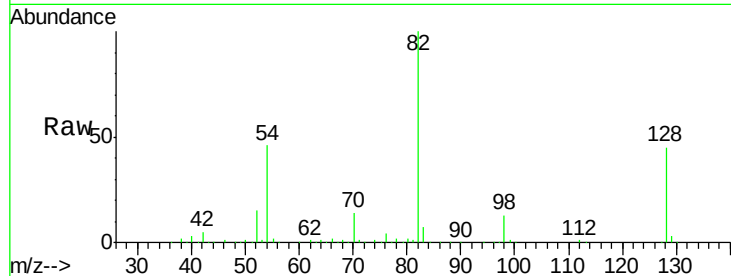




#23
Nitrobenzene-d5
Concen: 86.57 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF086085.D
Acq: 5 Apr 2016 20:32

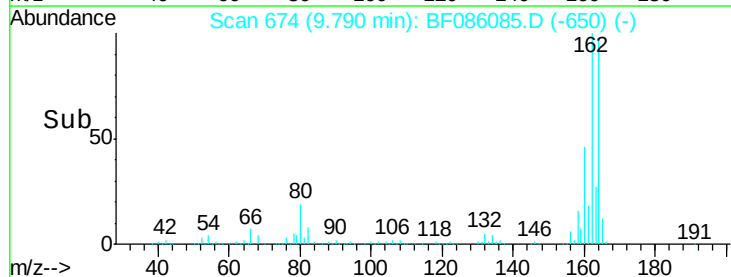
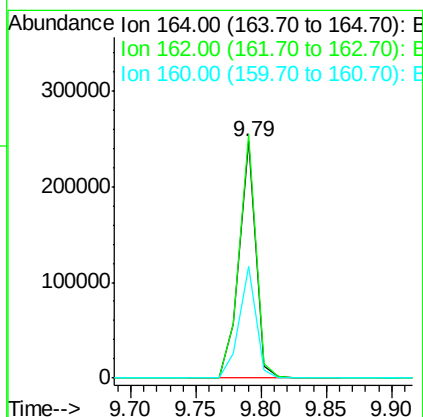
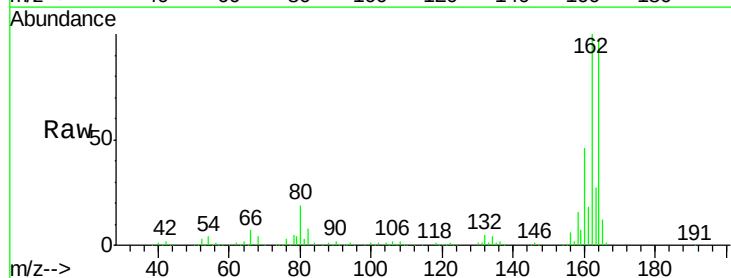
Instrument :
BNA_F
ClientSampleId :
FB-20160401RE

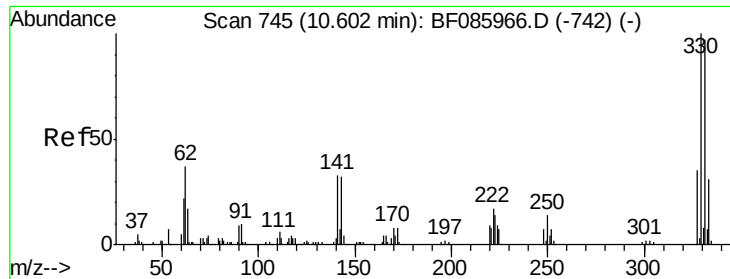
Tot Ion: 82 Resp: 654693
Ion Ratio Lower Upper
82 100
128 45.3 41.8 62.8
54 45.8 33.4 50.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF086085.D
Acq: 5 Apr 2016 20:32

Tgt Ion:164 Resp: 218174
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 47.3 37.4 56.2

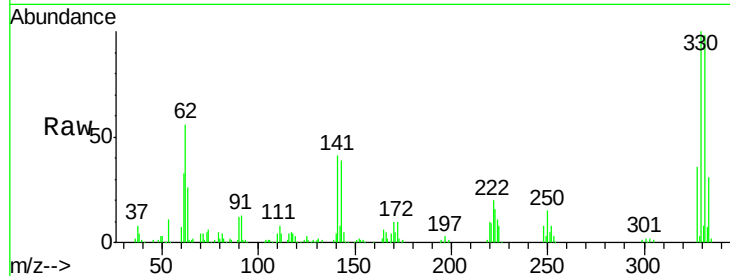




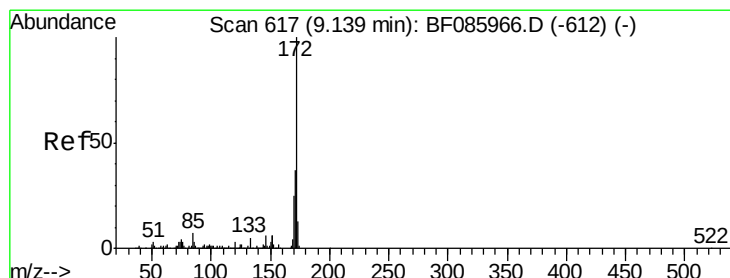
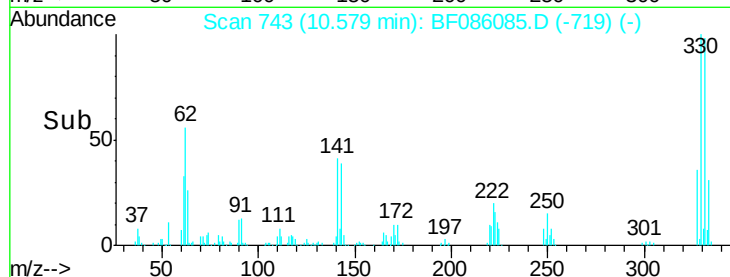
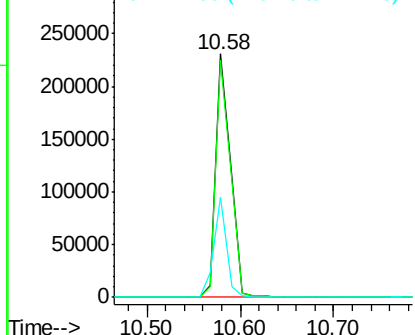
#41
 2,4,6-Tribromophenol
 Concen: 122.41 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086085.D
 Acq: 5 Apr 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 FB-20160401RE

Tot Ion:330 Resp: 250663
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 36.2 31.5 47.3

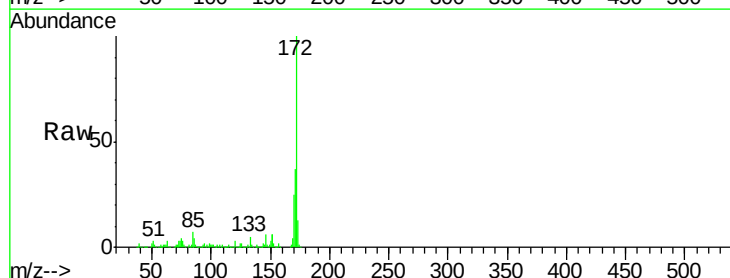


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

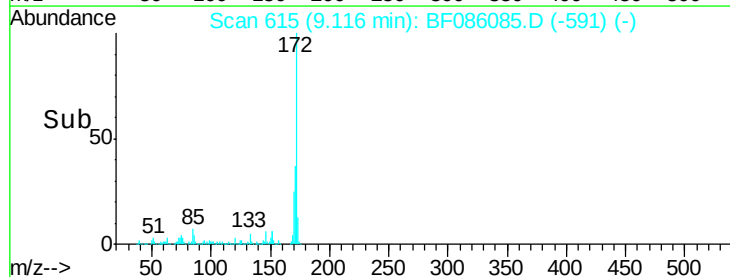
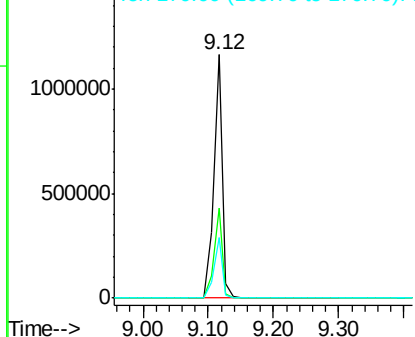


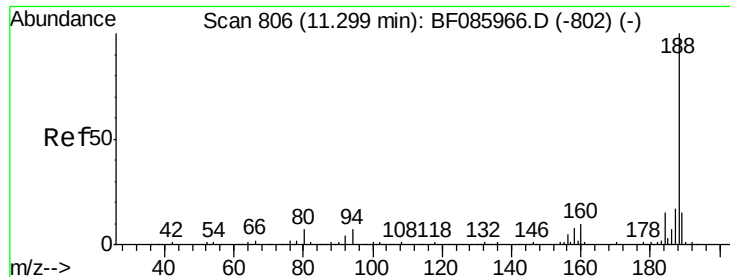
#44
 2-Fluorobiphenyl
 Concen: 81.91 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF086085.D
 Acq: 5 Apr 2016 20:32

Tgt Ion:172 Resp: 1074850
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.8 19.8 29.6



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

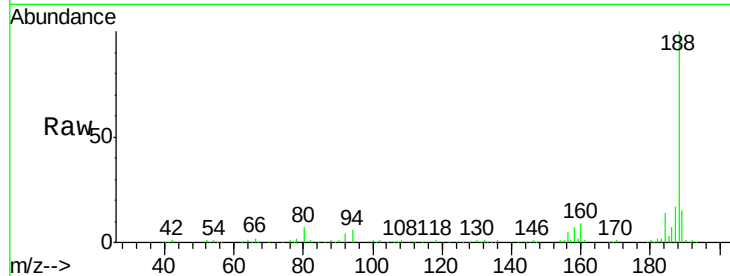




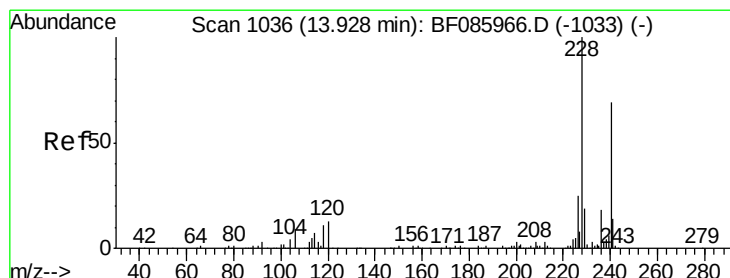
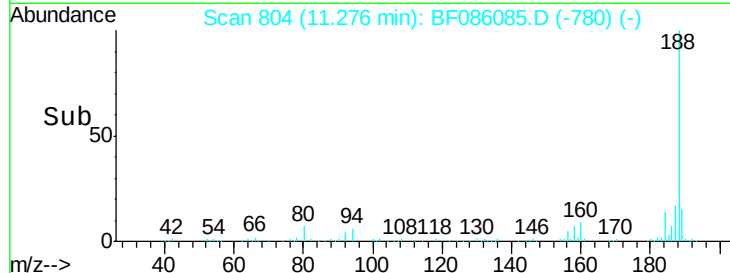
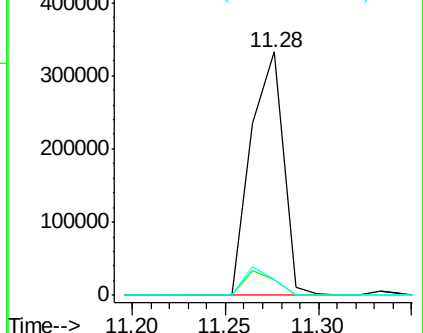
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086085.D
Acq: 5 Apr 2016 20:32

Instrument :
BNA_F
ClientSampleId :
FB-20160401RE

Tot Ion:188 Resp: 399416
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 6.7 5.5 8.3

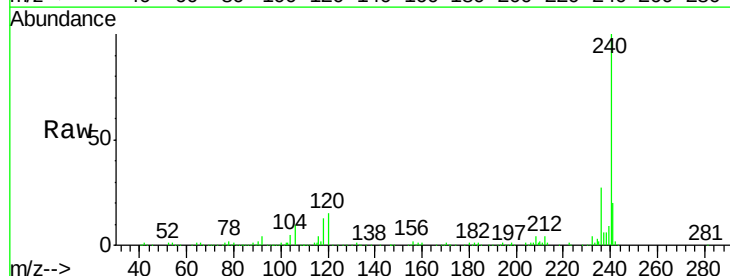


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

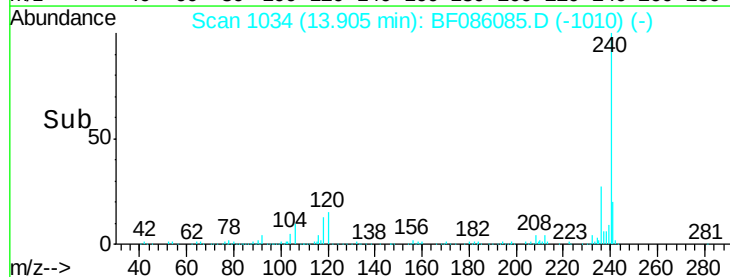
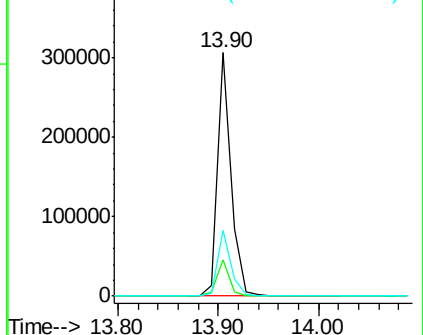


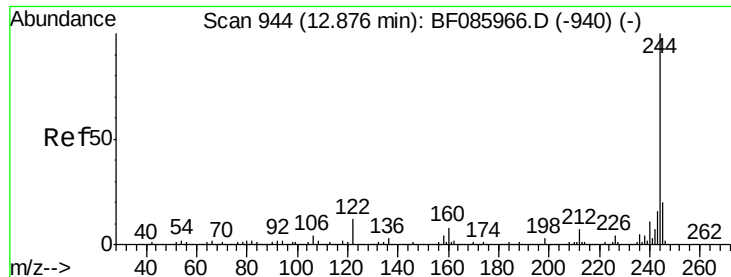
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086085.D
Acq: 5 Apr 2016 20:32

Tgt Ion:240 Resp: 284613
Ion Ratio Lower Upper
240 100
120 14.9 13.8 20.8
236 26.9 20.6 30.8



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: 93.21 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086085.D

Acq: 5 Apr 2016 20:32

Instrument :

BNA_F

ClientSampleId :

FB-20160401RE

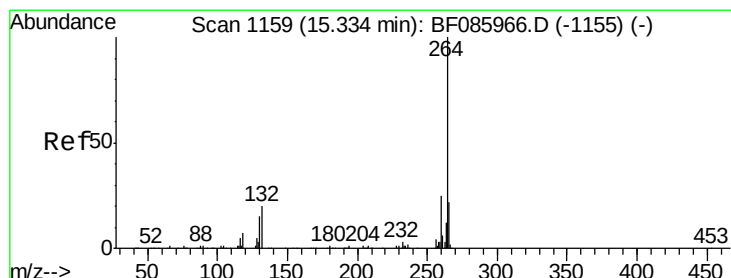
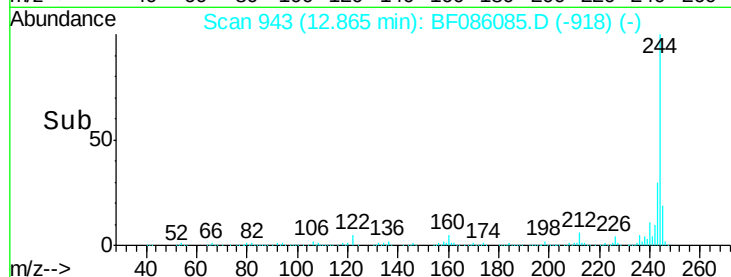
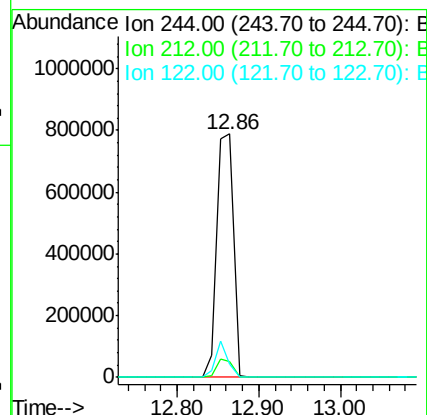
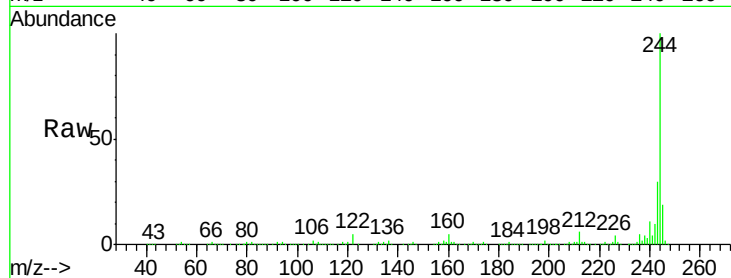
Tot Ion:244 Resp: 1128520

Ion Ratio Lower Upper

244 100

212 6.3 6.1 9.1

122 5.5 10.2 15.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF086085.D

Acq: 5 Apr 2016 20:32

Tgt Ion:264 Resp: 217575

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.4 17.2 25.8

