

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086072.D
 Acq On : 5 Apr 2016 8:49
 Operator : UM/SJ
 Sample : PB89469TB
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89469TB

Quant Time: Apr 05 11:40:39 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	6.76	152	108153	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	395008	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	165195	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	256190	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	194954	20.00	ng	-0.01
86) Perylene-d12	15.32	264	145685	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	702896	111.09	ng	0.00
7) Phenol-d6	6.41	99	800187	99.56	ng	-0.01
23) Nitrobenzene-d5	7.33	82	536698	80.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	142166	91.69	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	890161	89.59	ng	-0.01
78) Terphenyl-d14	12.87	244	635960	76.68	ng	-0.01

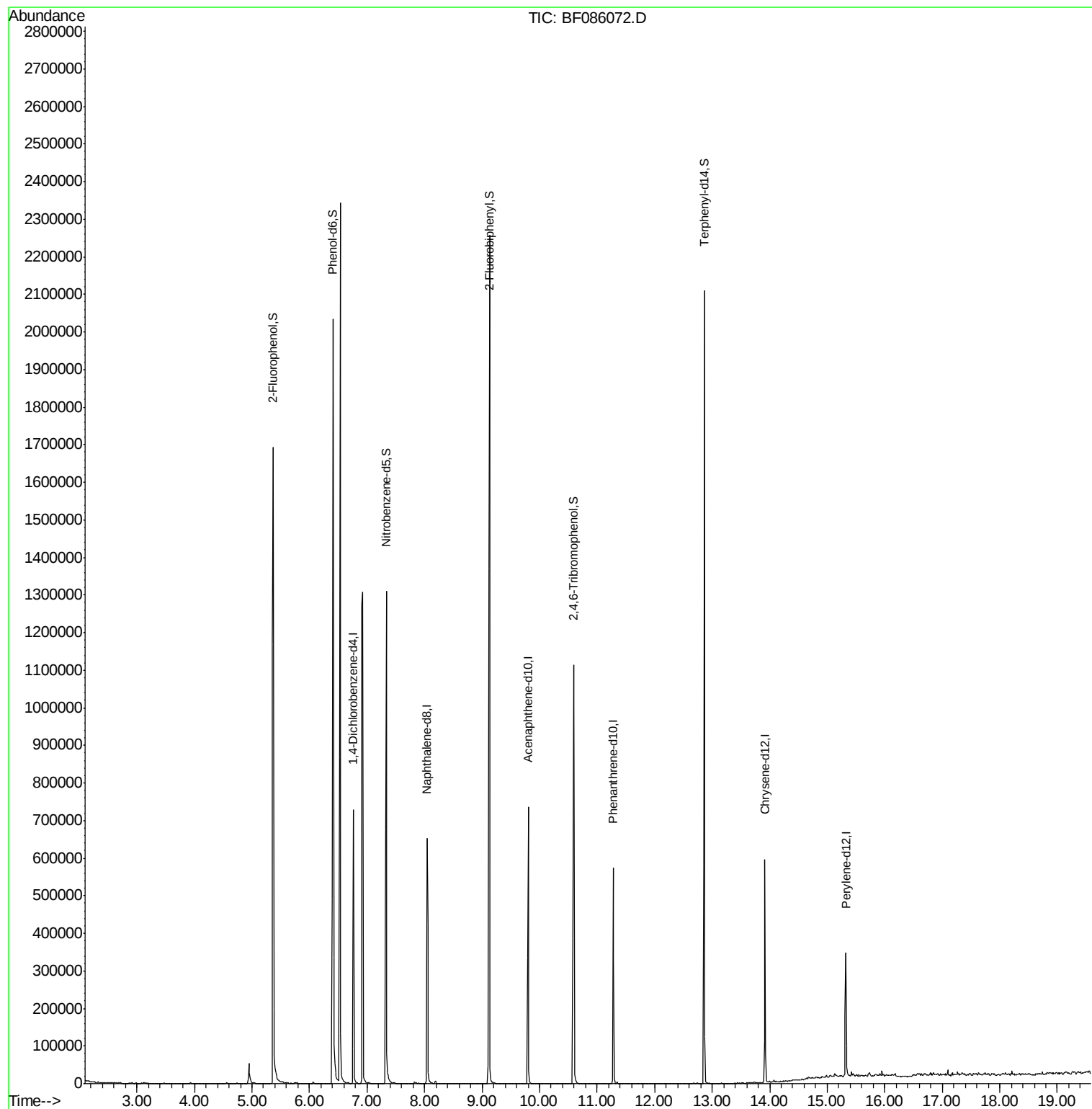
Target Compounds Qvalue

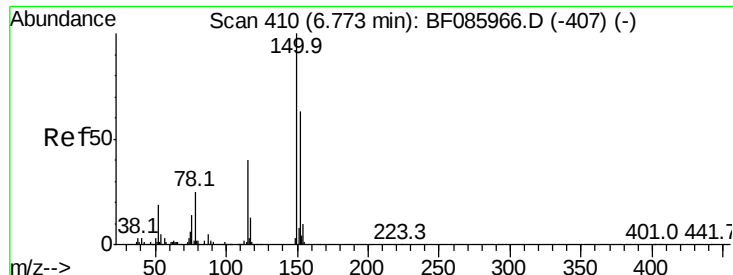
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086072.D

Acq: 5 Apr 2016 8:49

Instrument :

BNA_F

ClientSampleId :

PB89469TB

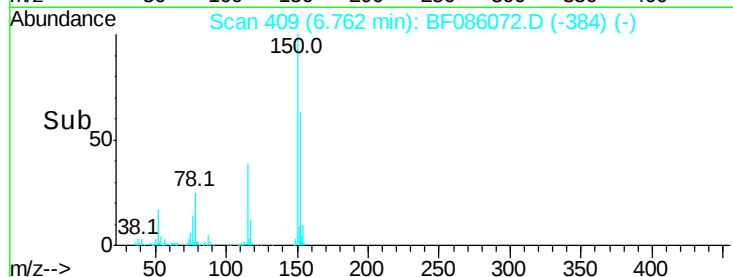
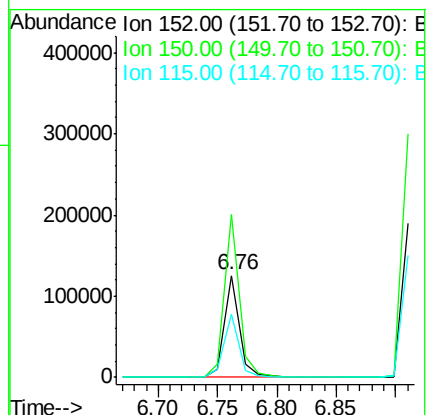
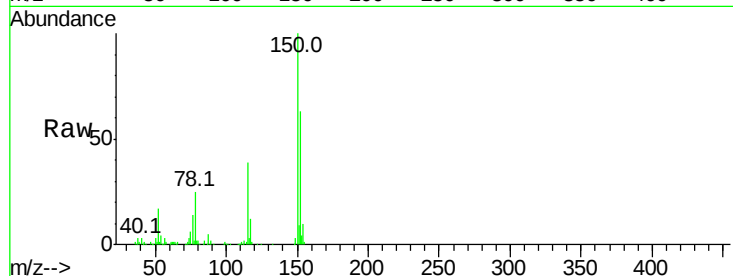
Tot Ion:152 Resp: 108153

Ion Ratio Lower Upper

152 100

150 159.6 124.2 186.2

115 62.6 47.0 70.6



#5

2-Fluorophenol

Concen: 111.09 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086072.D

Acq: 5 Apr 2016 8:49

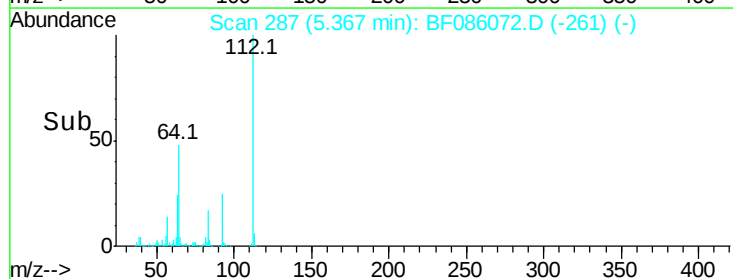
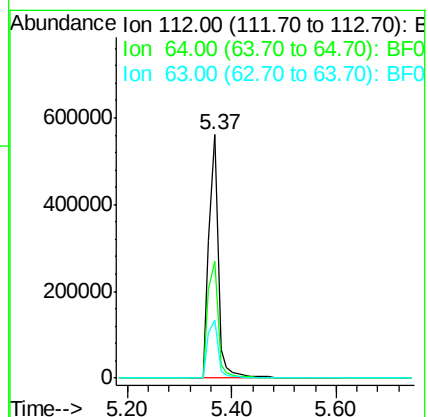
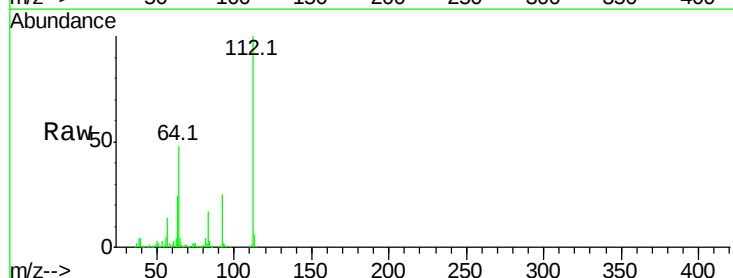
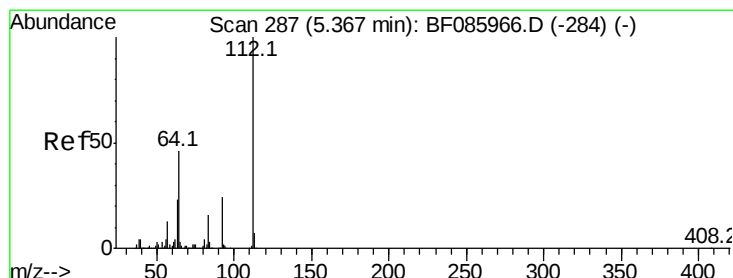
Tgt Ion:112 Resp: 702896

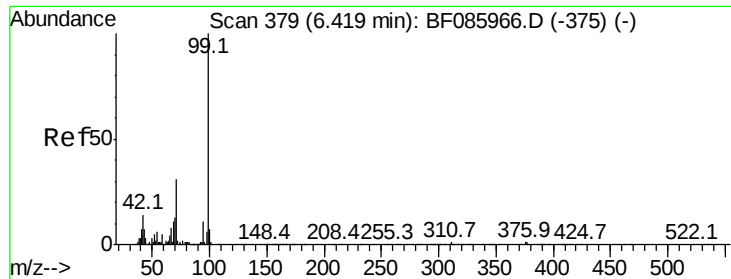
Ion Ratio Lower Upper

112 100

64 48.0 39.9 59.9

63 23.8 20.2 30.2





#7

Phenol-d6

Concen: 99.56 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086072.D

Acq: 5 Apr 2016 8:49

Instrument :

BNA_F

ClientSampleId :

PB89469TB

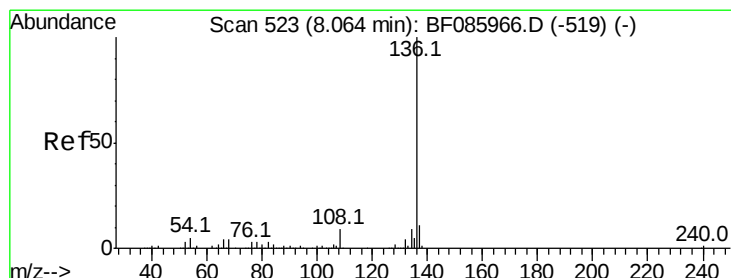
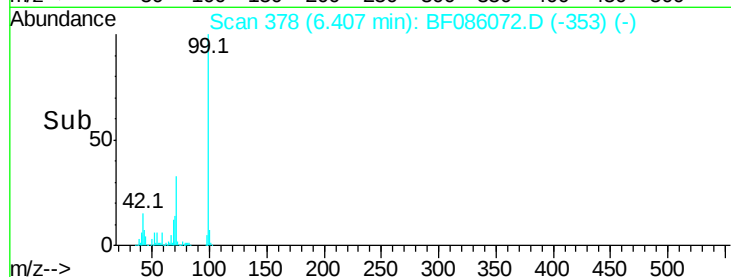
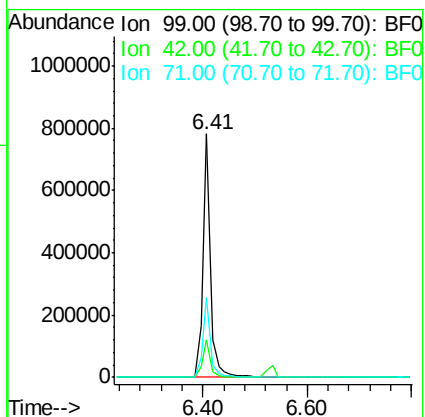
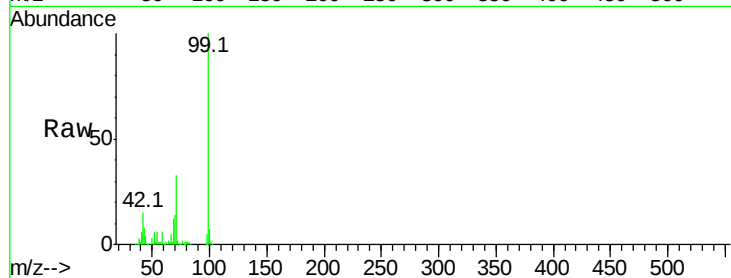
Tot Ion: 99 Resp: 800187

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

71 33.0 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086072.D

Acq: 5 Apr 2016 8:49

Tgt Ion: 136 Resp: 395008

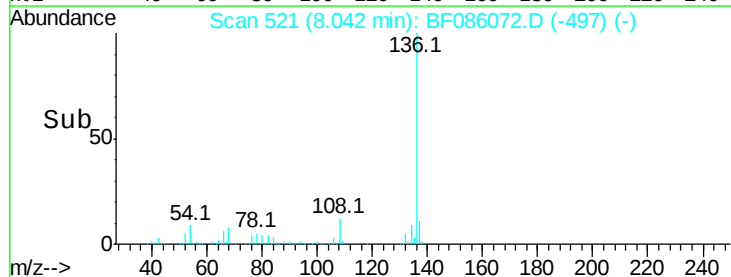
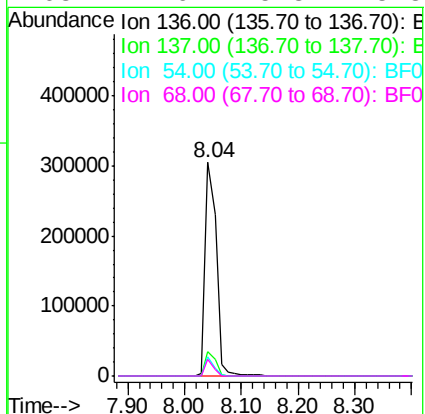
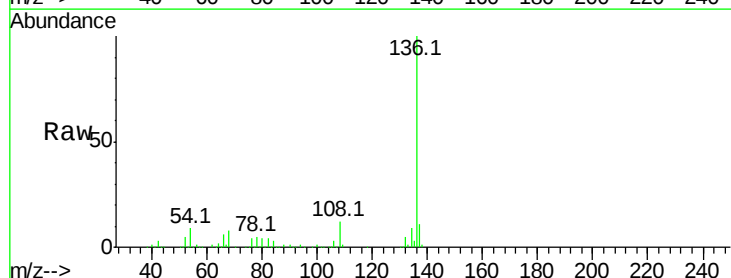
Ion Ratio Lower Upper

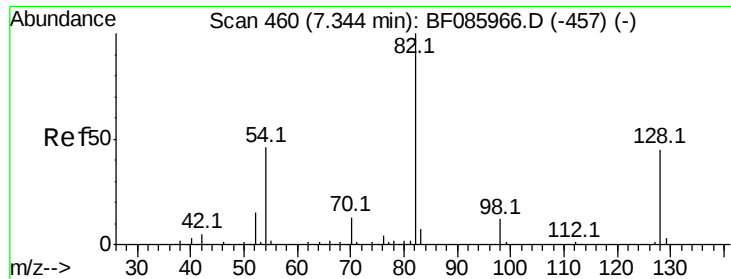
136 100

137 11.3 9.1 13.7

54 9.2 7.4 11.0

68 7.6 5.8 8.8

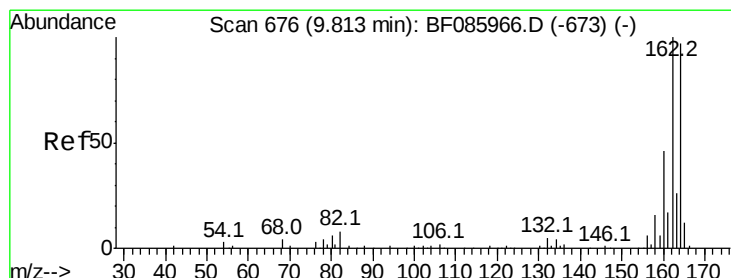
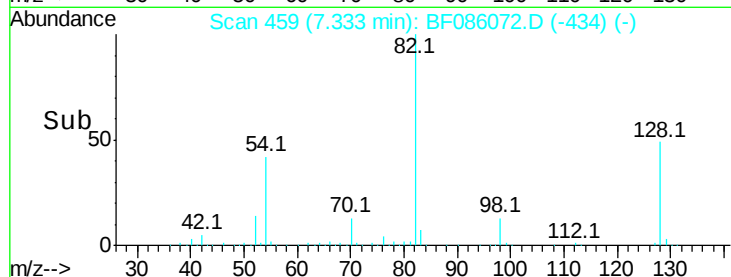
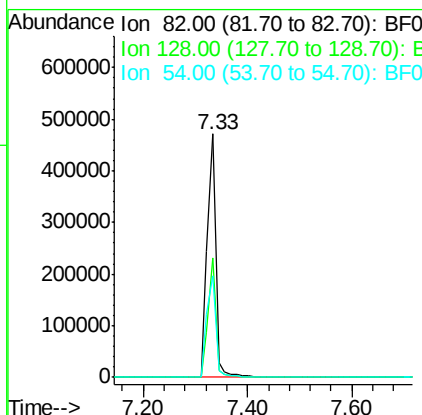
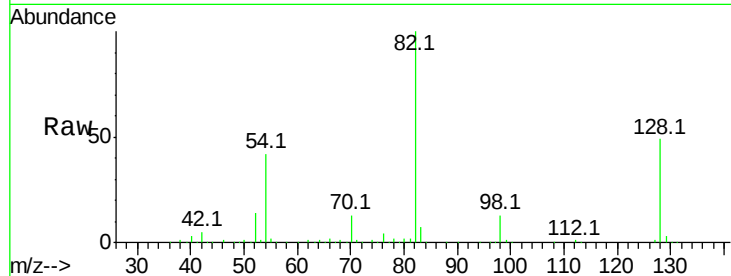




#23
 Nitrobenzene-d5
 Concen: 80.13 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086072.D
 Acq: 5 Apr 2016 8:49

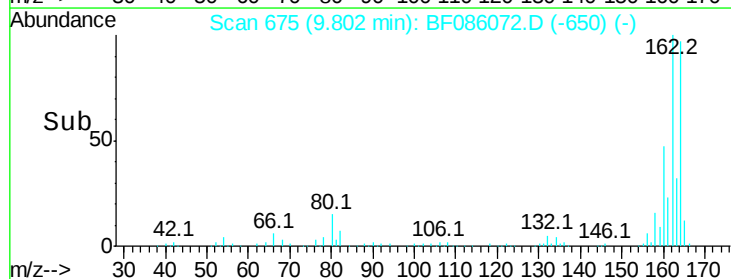
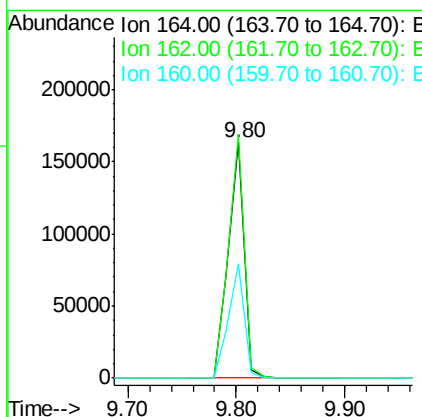
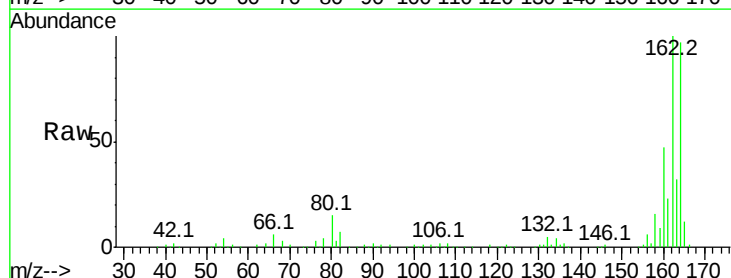
Instrument :
 BNA_F
 ClientSampleID :
 PB89469TB

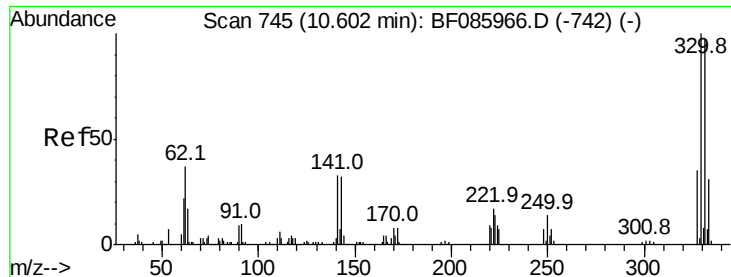
Tot Ion	82	Resp	536698
Ion Ratio	Lower	Upper	
82	100		
128	49.3	41.8	62.8
54	41.7	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086072.D
 Acq: 5 Apr 2016 8:49

Tgt Ion	164	Resp	165195
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.1	123.1
160	48.4	37.4	56.2

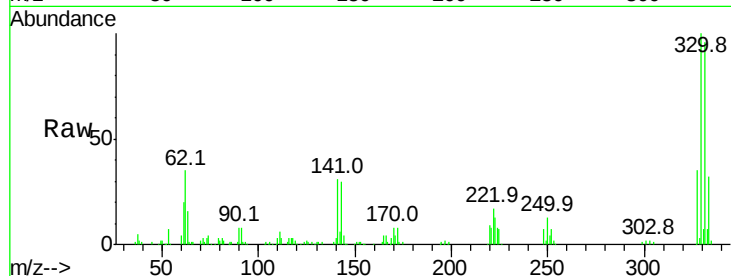




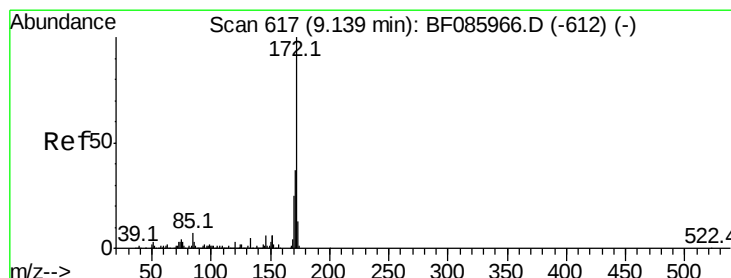
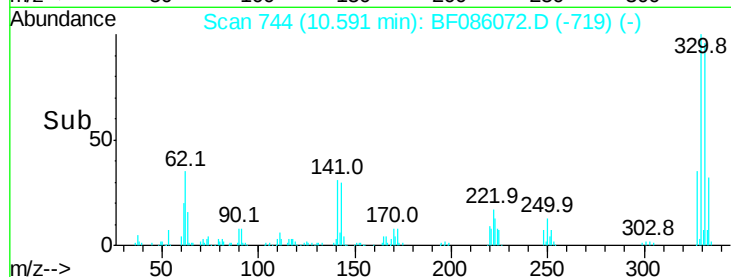
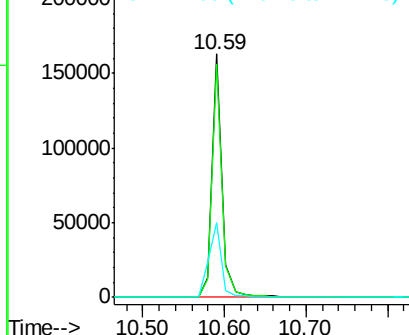
#41
 2,4,6-Tribromophenol
 Concen: 91.69 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086072.D
 Acq: 5 Apr 2016 8:49

Instrument :
 BNA_F
 ClientSampleId :
 PB89469TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.2	117.2
141	39.1	31.5	47.3

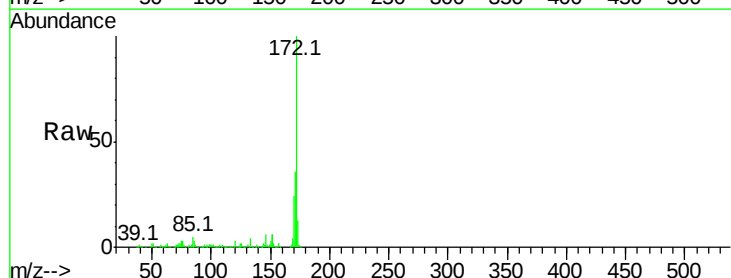


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

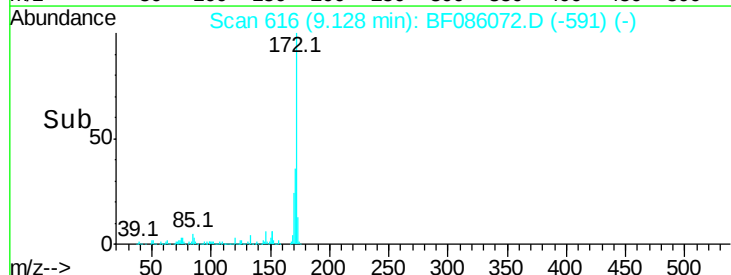
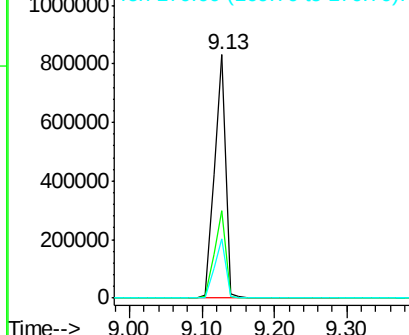


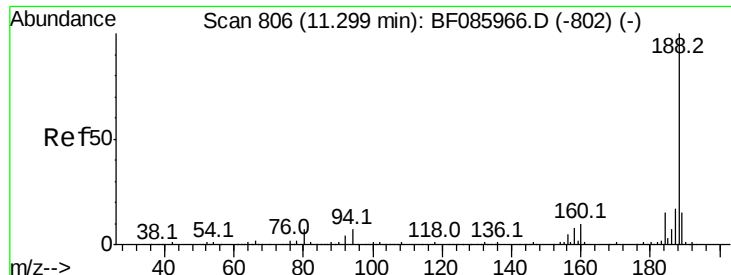
#44
 2-Fluorobiphenyl
 Concen: 89.59 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086072.D
 Acq: 5 Apr 2016 8:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	24.3	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

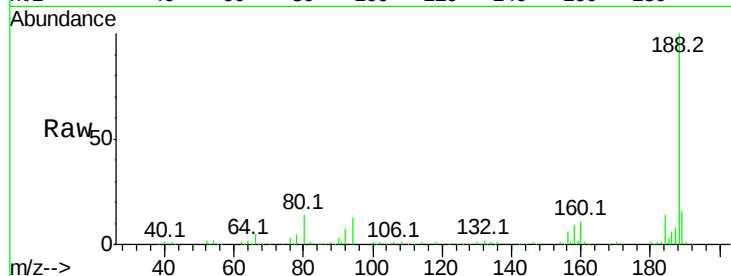




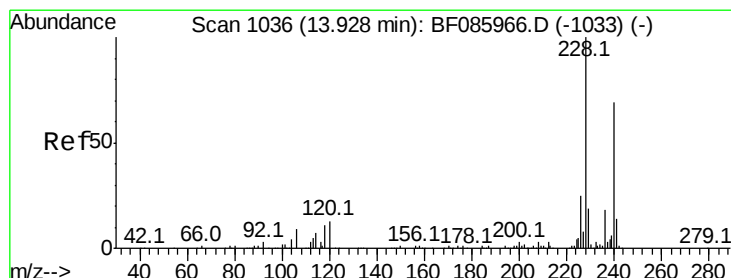
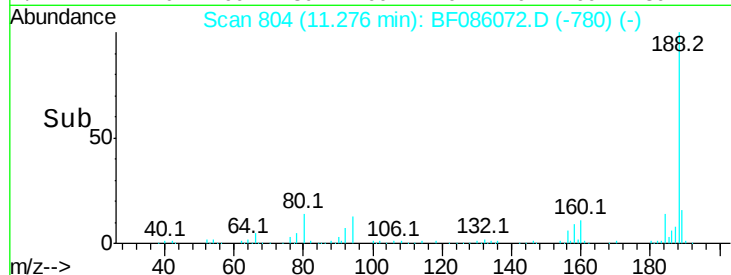
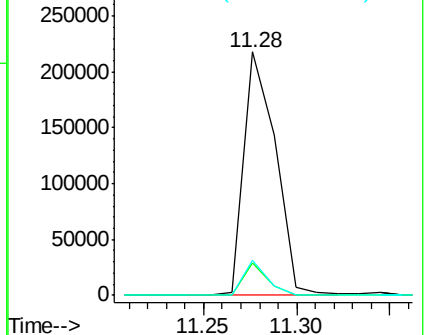
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF086072.D
 Acq: 5 Apr 2016 8:49

Instrument :
 BNA_F
 ClientSampleId :
 PB89469TB

Tot Ion:188 Resp: 256190
 Ion Ratio Lower Upper
 188 100
 94 13.2 5.4 8.0#
 80 14.3 5.5 8.3#

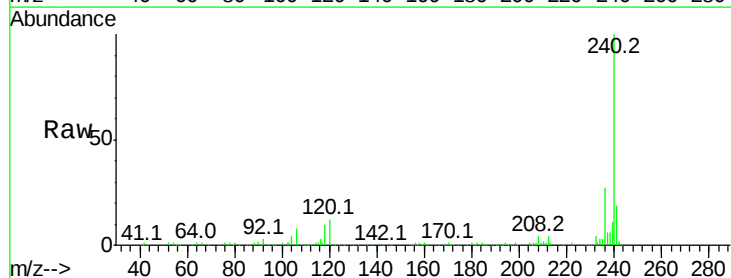


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

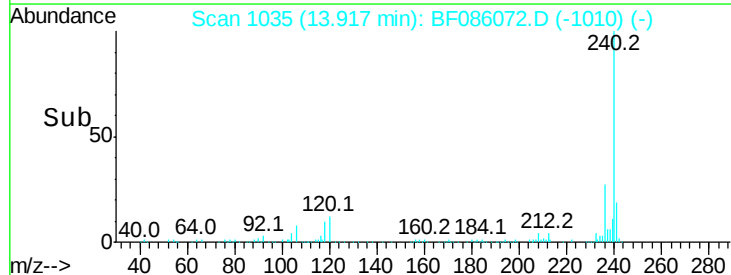
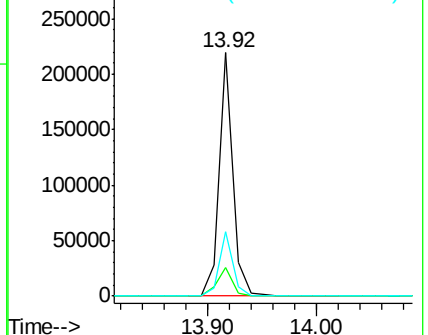


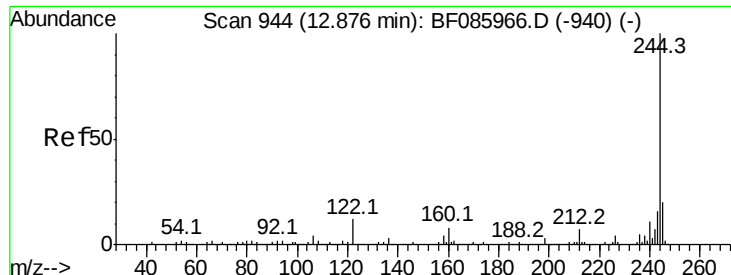
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF086072.D
 Acq: 5 Apr 2016 8:49

Tgt Ion:240 Resp: 194954
 Ion Ratio Lower Upper
 240 100
 120 11.7 13.8 20.8#
 236 26.5 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: 76.68 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086072.D

Acq: 5 Apr 2016 8:49

Instrument :

BNA_F

ClientSampleId :

PB89469TB

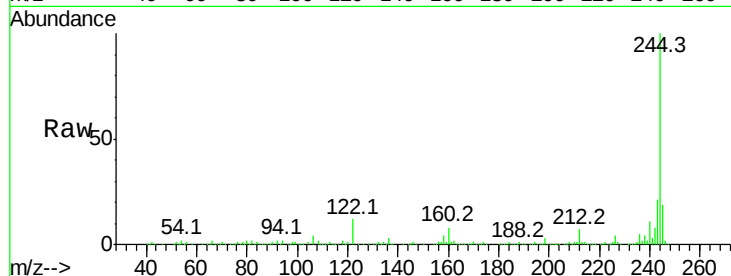
Tot Ion:244 Resp: 635960

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

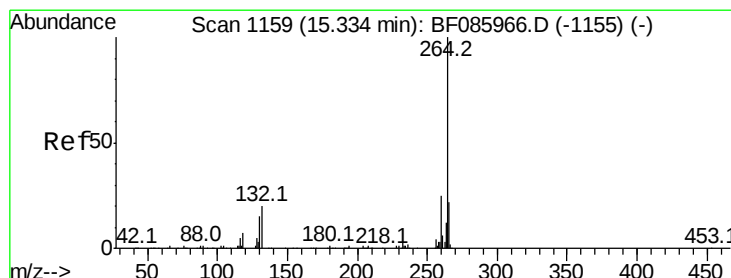
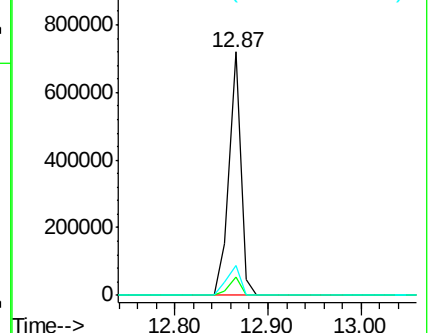
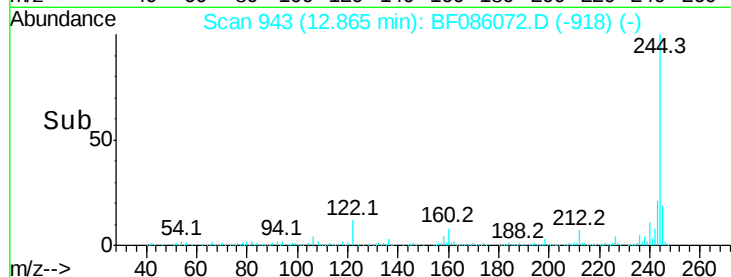
122 12.0 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF086072.D

Acq: 5 Apr 2016 8:49

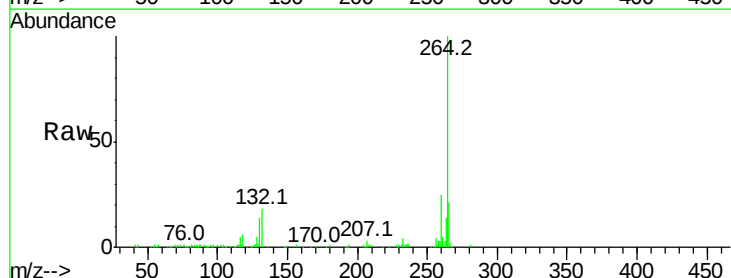
Tgt Ion:264 Resp: 145685

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

