

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086095.D
 Acq On : 6 Apr 2016 13:38
 Operator : UM/SJ
 Sample : PB89567BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BL

Quant Time: Apr 07 01:36:38 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	6.74	152	156943	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	650704	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	297668	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	595648	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	442209	20.00	ng	-0.03
86) Perylene-d12	15.30	264	351531	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	758695	82.63	ng	-0.02
7) Phenol-d6	6.38	99	972800	83.41	ng	-0.03
23) Nitrobenzene-d5	7.31	82	581591	52.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	227922	81.58	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	976595	54.55	ng	-0.03
78) Terphenyl-d14	12.85	244	1099905	58.47	ng	-0.02

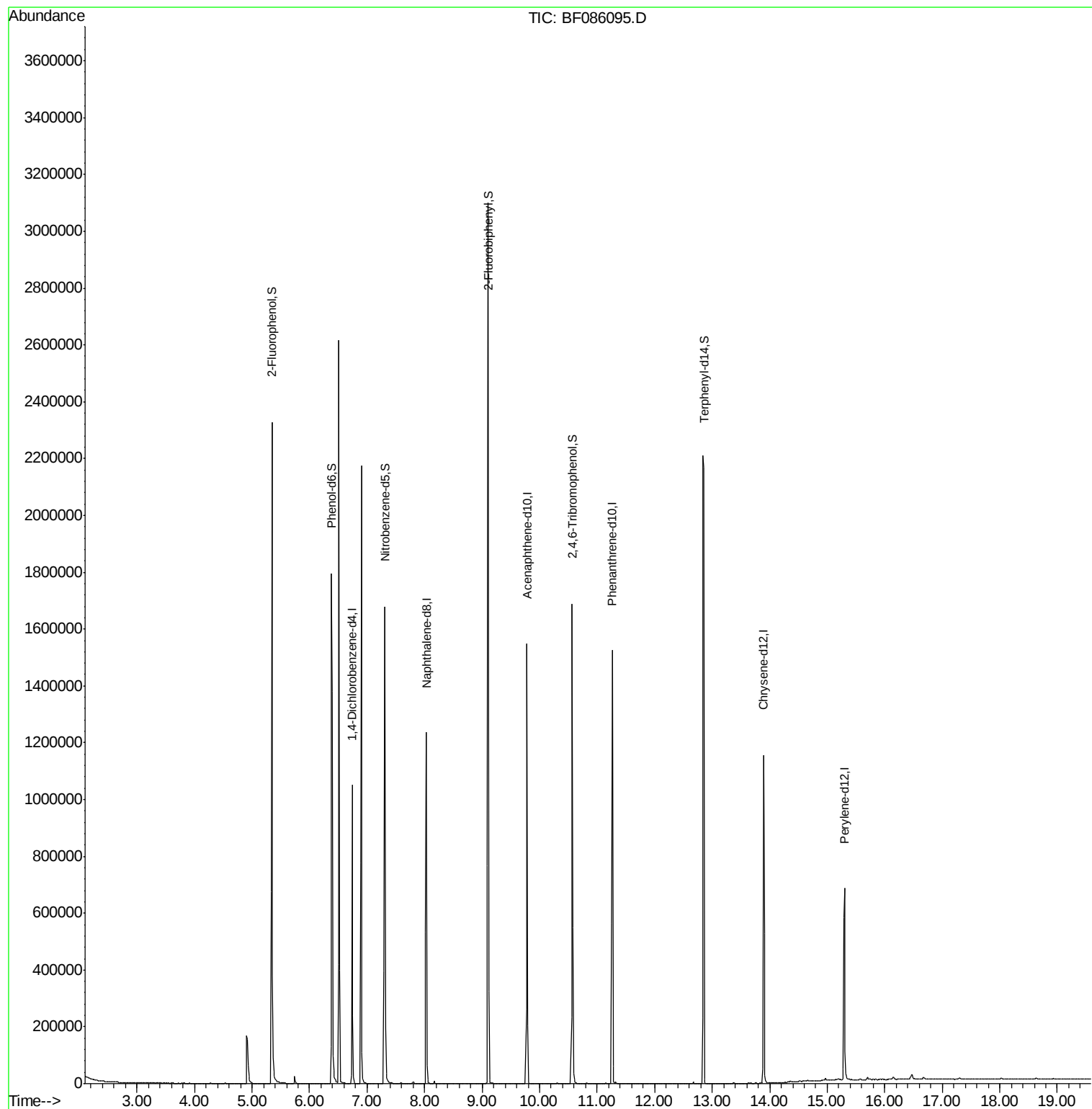
Target Compounds Qvalue

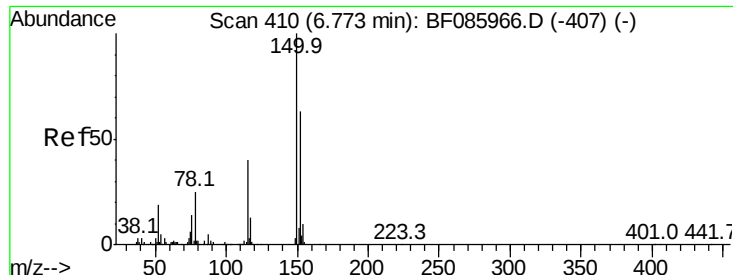
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Instrument :

BNA_F

ClientSampleId :

PB89567BL

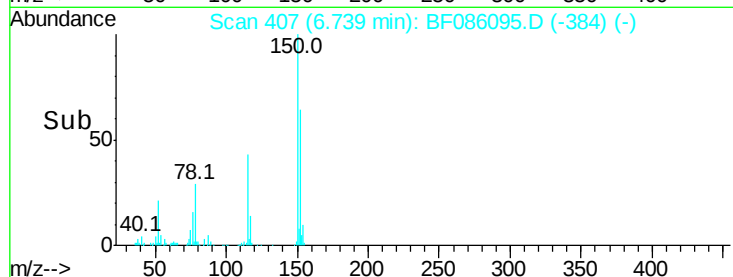
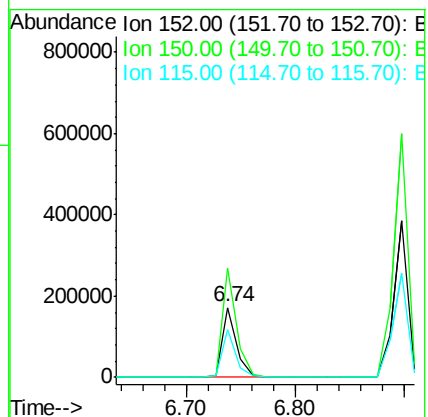
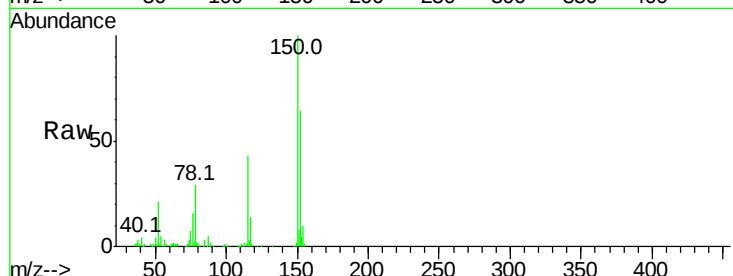
Tot Ion:152 Resp: 156943

Ion Ratio Lower Upper

152 100

150 156.4 124.2 186.2

115 67.4 47.0 70.6



#5

2-Fluorophenol

Concen: 82.63 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

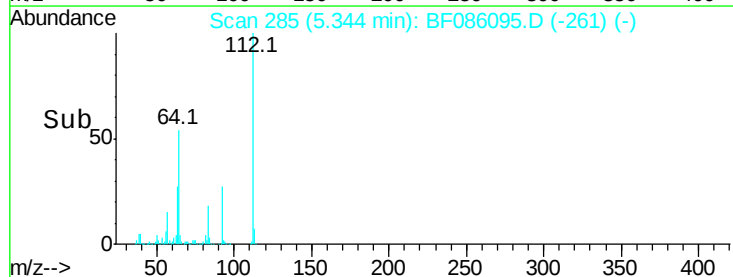
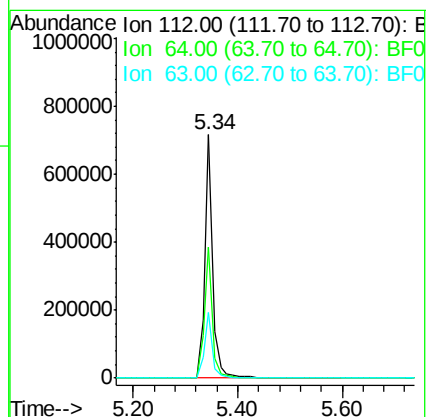
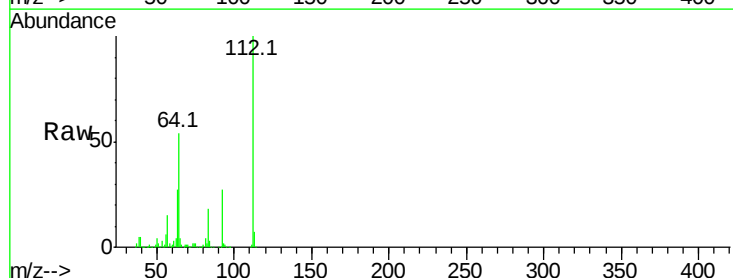
Tgt Ion:112 Resp: 758695

Ion Ratio Lower Upper

112 100

64 54.0 39.9 59.9

63 27.2 20.2 30.2





#7

Phenol-d6

Concen: 83.41 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Instrument :

BNA_F

ClientSampleId :

PB89567BL

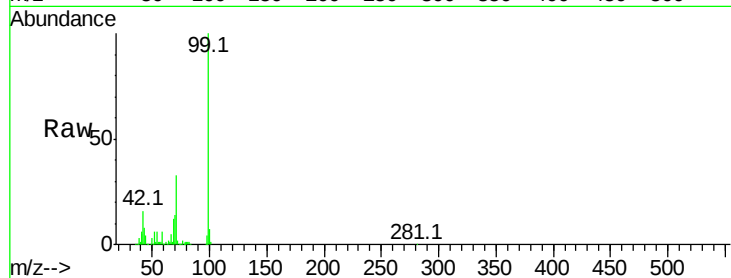
Tot Ion: 99 Resp: 972800

Ion Ratio Lower Upper

99 100

42 15.9 11.1 16.7

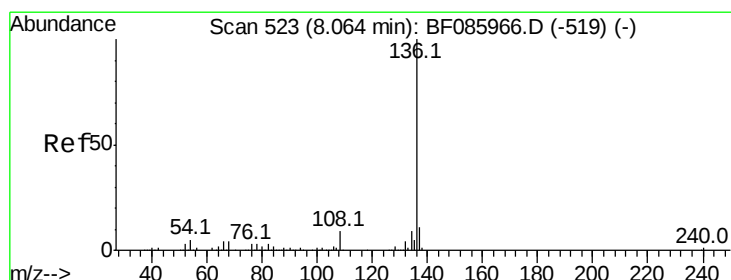
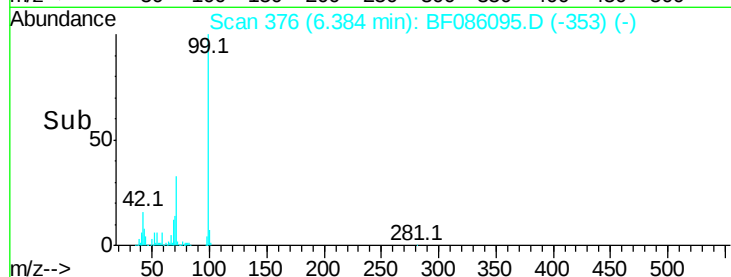
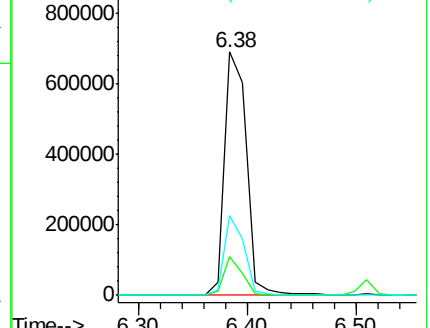
71 33.0 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Tgt Ion: 136 Resp: 650704

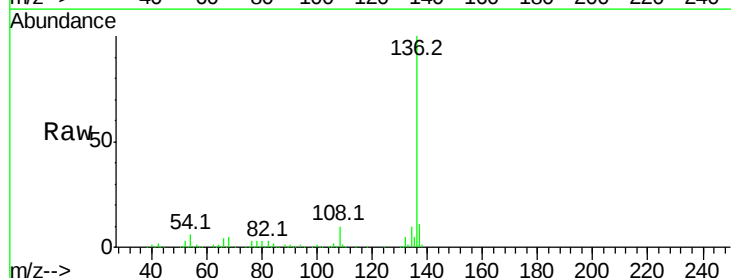
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.6 7.4 11.0#

68 4.9 5.8 8.8#

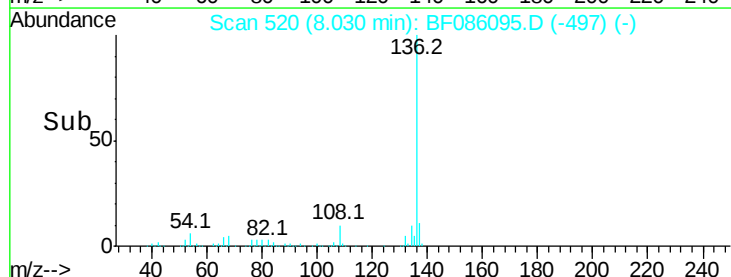
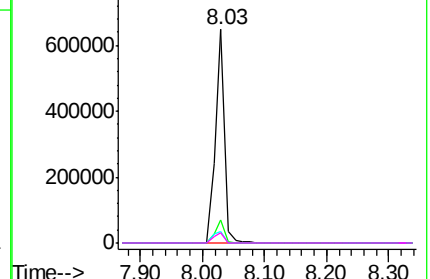


Abundance Ion 136.00 (135.70 to 136.70): E

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

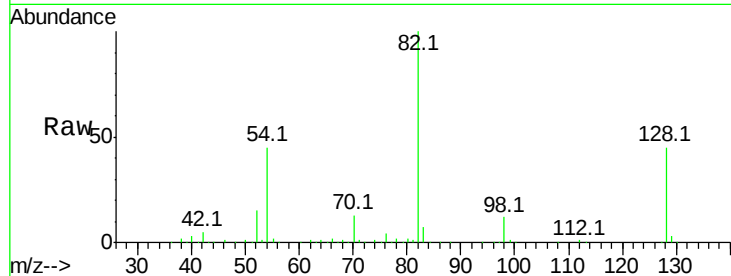




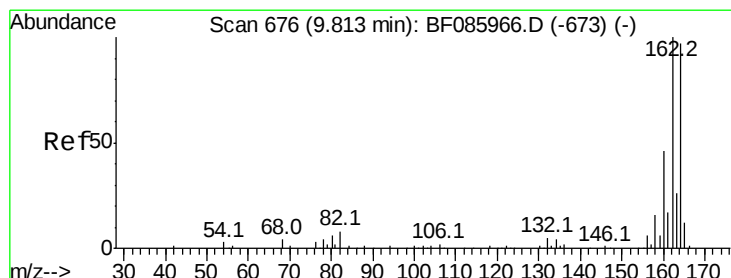
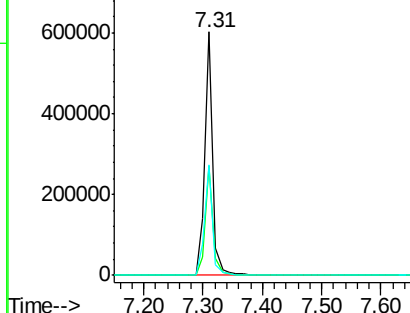
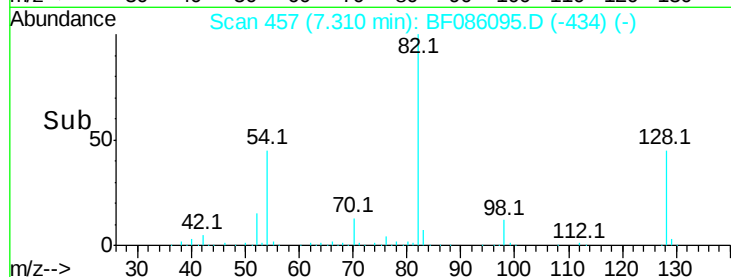
#23
 Nitrobenzene-d5
 Concen: 52.71 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086095.D
 Acq: 6 Apr 2016 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BL

Tot Ion	82	Resp	581591
Ion Ratio	100	Lower	Upper
128	45.0	41.8	62.8
54	45.5	33.4	50.0

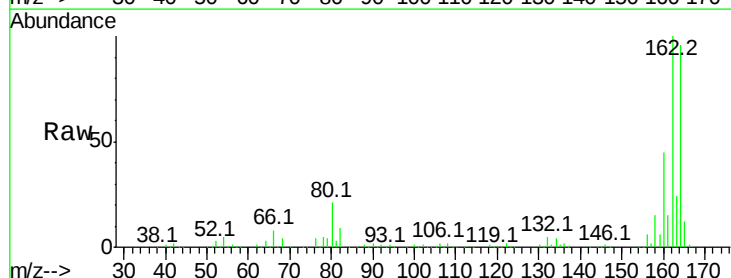


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

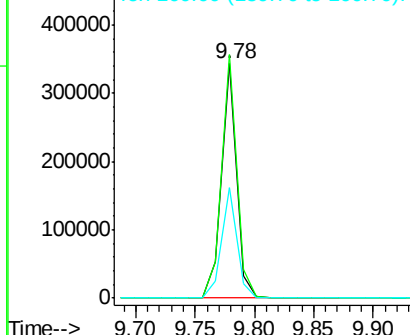
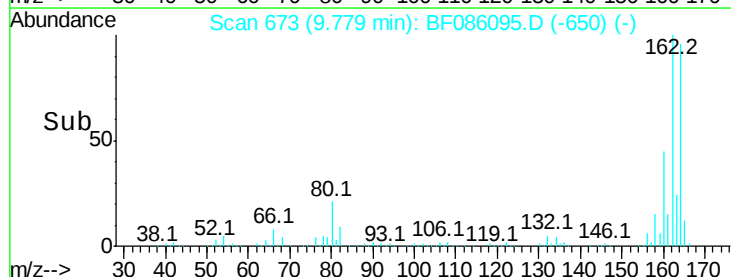


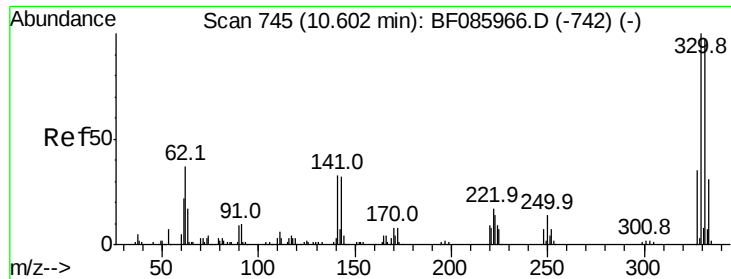
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086095.D
 Acq: 6 Apr 2016 13:38

Tgt Ion	164	Resp	297668
Ion Ratio	100	Lower	Upper
162	104.0	82.1	123.1
160	47.3	37.4	56.2



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

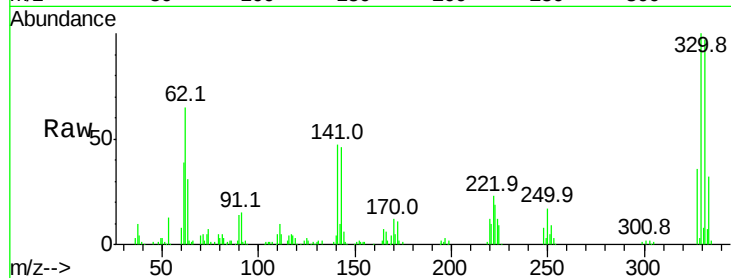




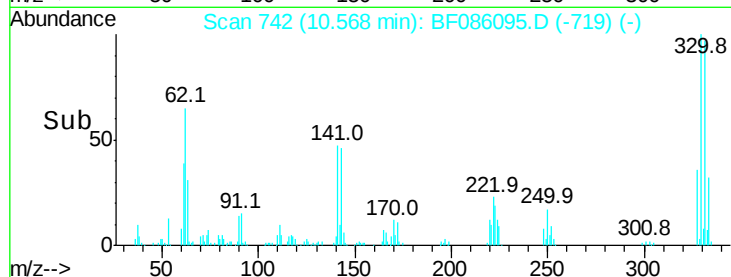
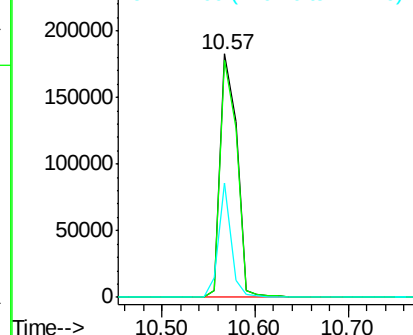
#41
 2,4,6-Tribromophenol
 Concen: 81.58 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086095.D
 Acq: 6 Apr 2016 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	35.4	31.5	47.3

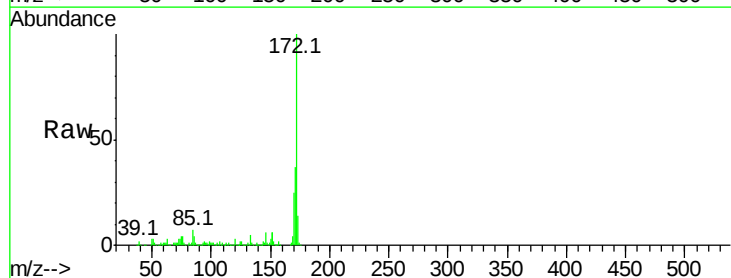


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

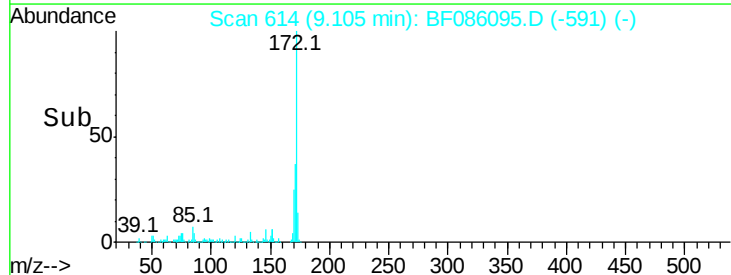
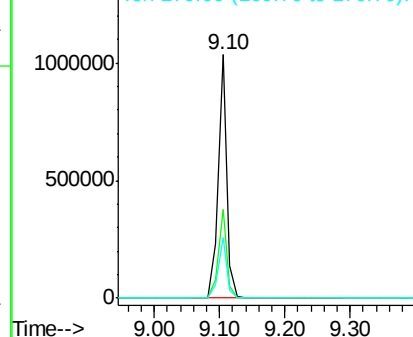


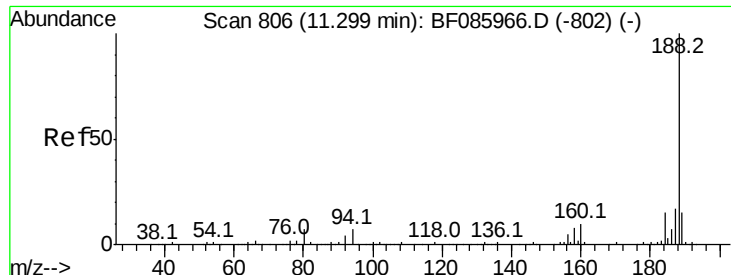
#44
 2-Fluorobiphenyl
 Concen: 54.55 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086095.D
 Acq: 6 Apr 2016 13:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	25.0	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

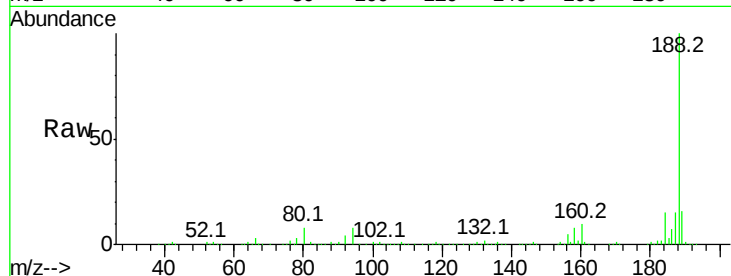




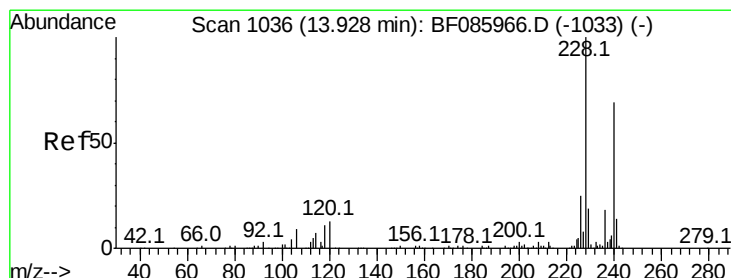
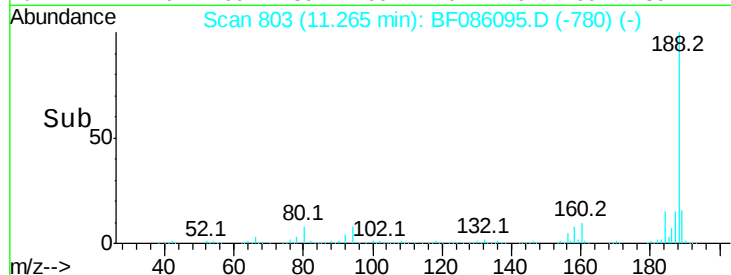
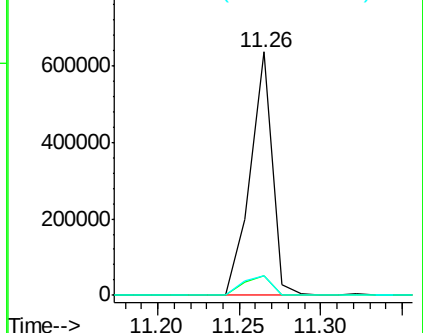
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Tot Ion:188 Resp: 595648
Ion Ratio Lower Upper
188 100
94 8.3 5.4 8.0#
80 8.3 5.5 8.3#

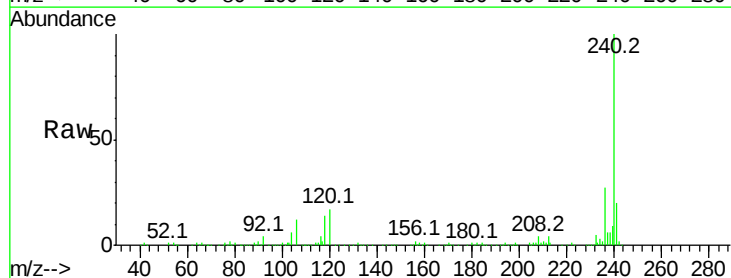


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

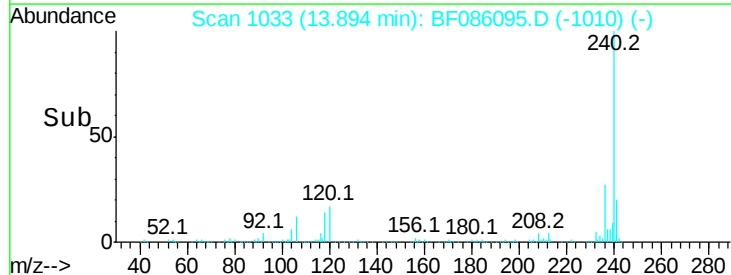
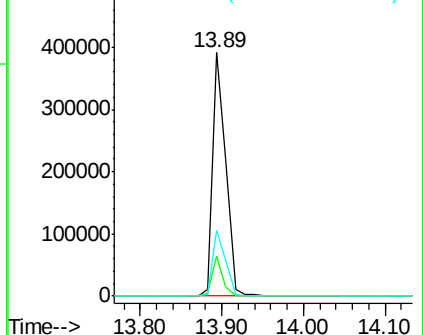


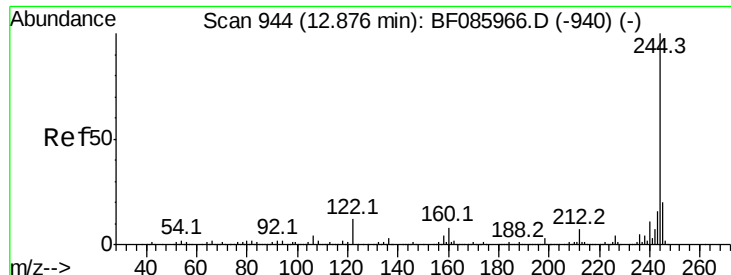
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion:240 Resp: 442209
Ion Ratio Lower Upper
240 100
120 16.6 13.8 20.8
236 27.1 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: 58.47 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Instrument :

BNA_F

ClientSampleId :

PB89567BL

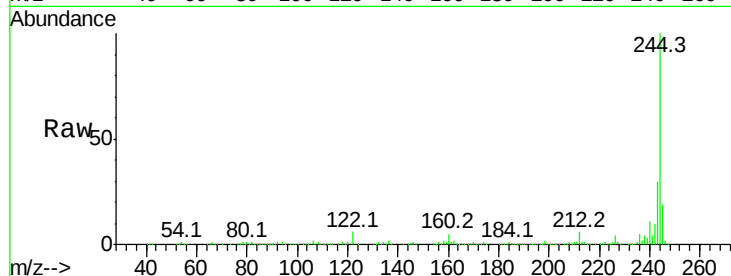
Tot Ion:244 Resp: 1099905

Ion Ratio Lower Upper

244 100

212 6.2 6.1 9.1

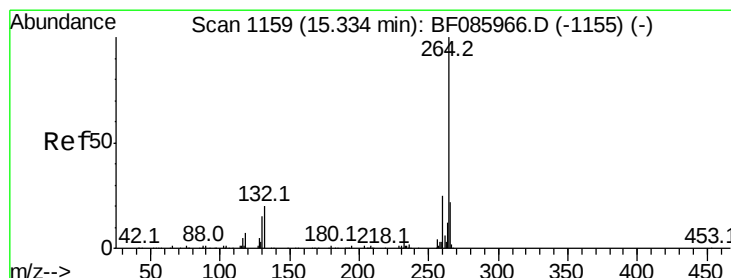
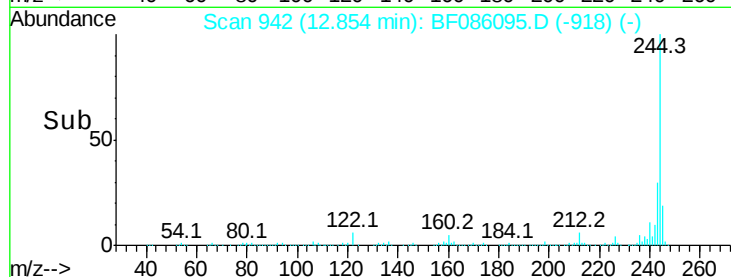
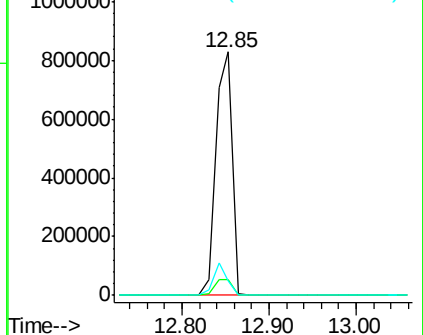
122 6.1 10.2 15.4#



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: 15.30 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

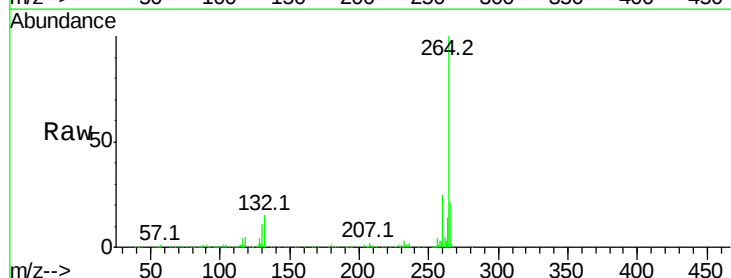
Tgt Ion:264 Resp: 351531

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.3 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

