

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086037.D
 Acq On : 4 Apr 2016 14:35
 Operator : UM/SJ
 Sample : PB89407BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BL

Quant Time: Apr 05 01:14:54 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	121184	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	472546	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	222178	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	446608	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	403720	20.00	ng	-0.01
86) Perylene-d12	15.31	264	339575	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	874460	123.34	ng	0.00
7) Phenol-d6	6.41	99	1079825	119.91	ng	-0.01
23) Nitrobenzene-d5	7.33	82	695465	86.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	295364	141.64	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1187449	88.86	ng	-0.01
78) Terphenyl-d14	12.87	244	1166551	67.92	ng	-0.01

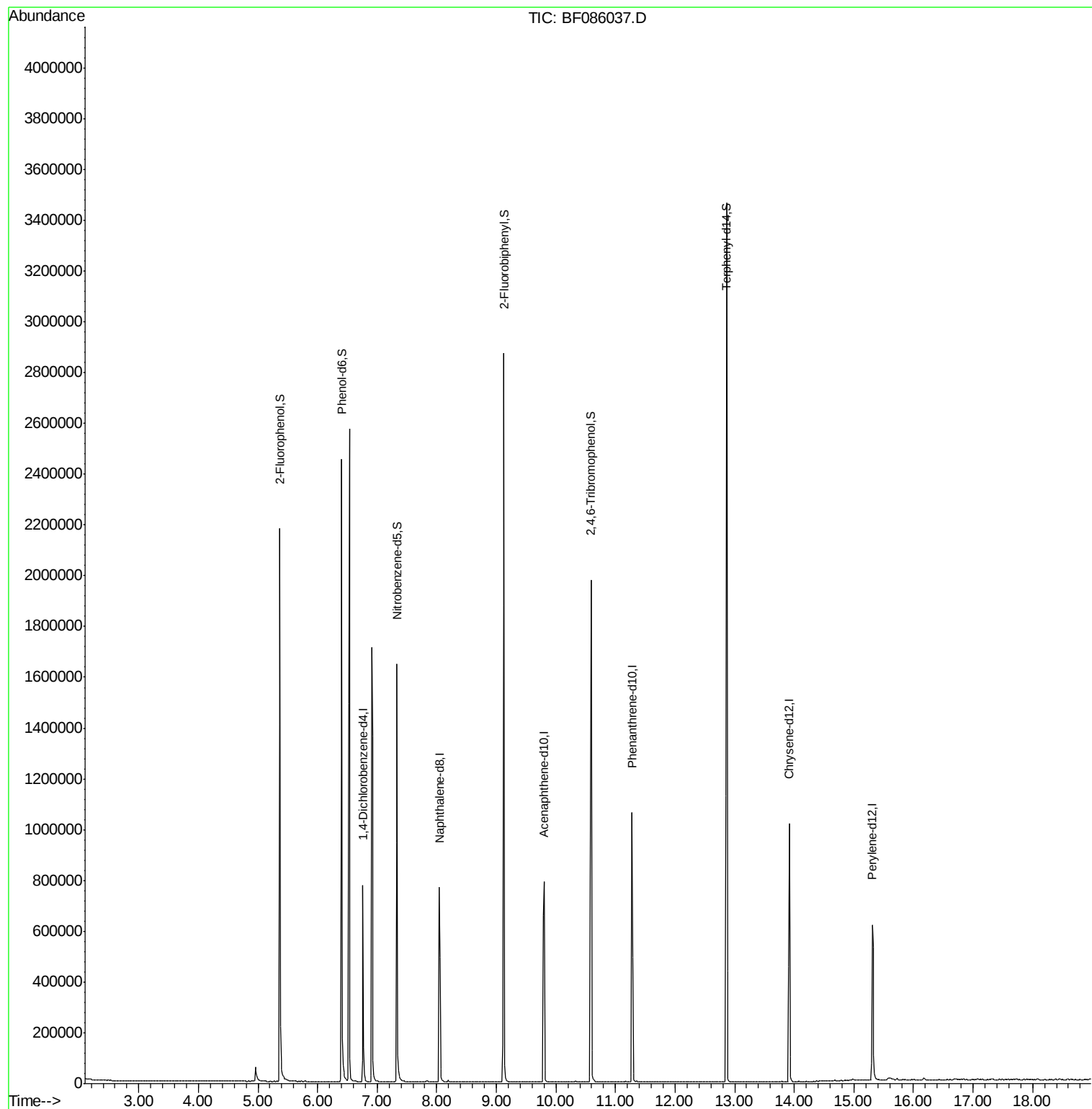
Target Compounds Qvalue

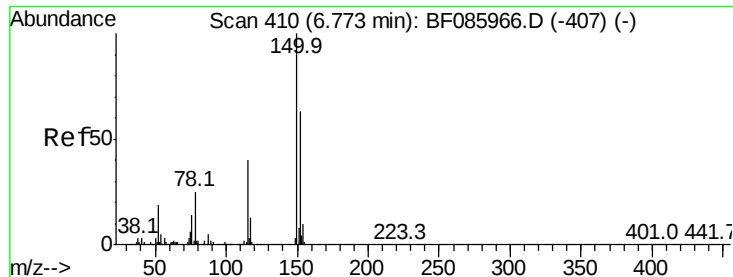
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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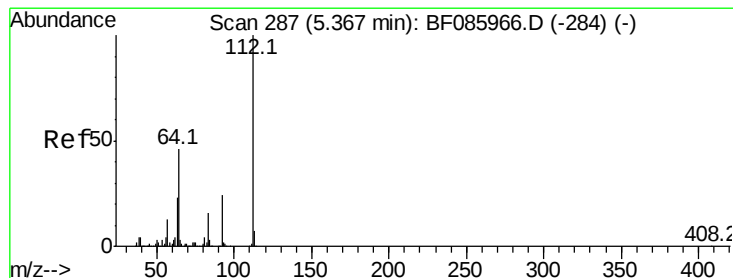
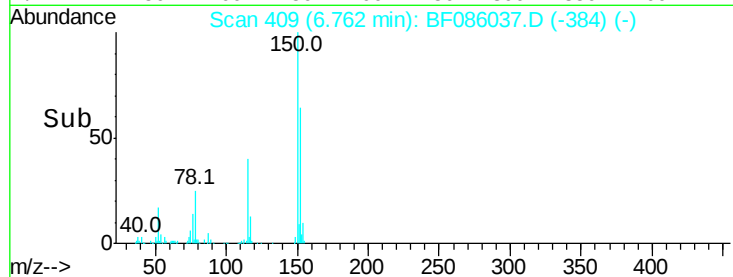
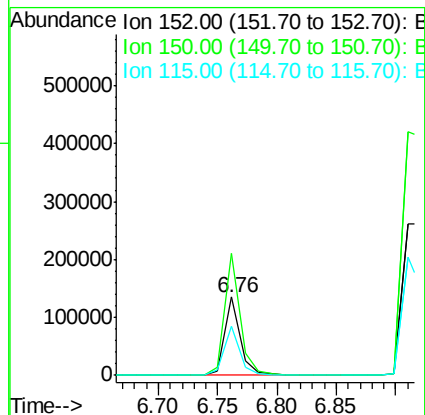
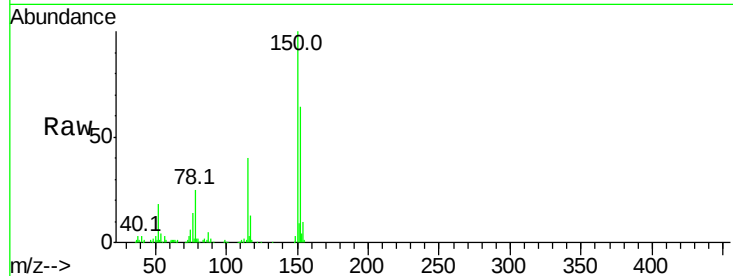


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086037.D
Acq: 4 Apr 2016 14:35

Instrument :
BNA_F
ClientSampleId :
PB89407BL

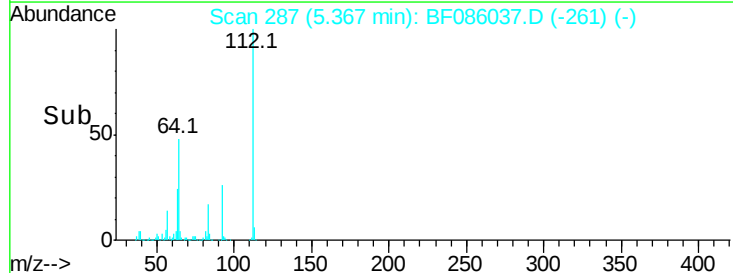
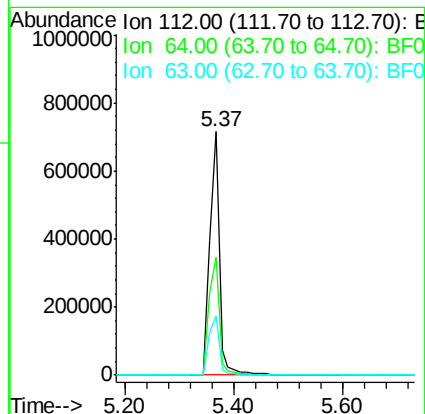
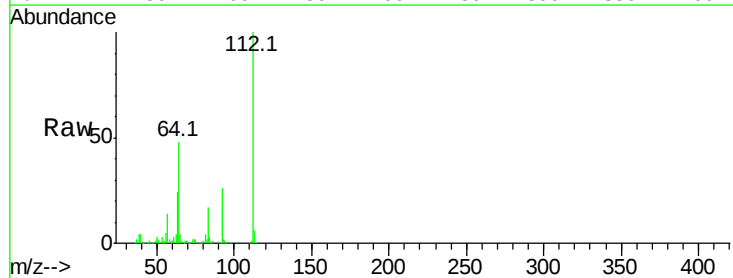
Tot Ion:152 Resp: 121184
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 63.2 47.0 70.6

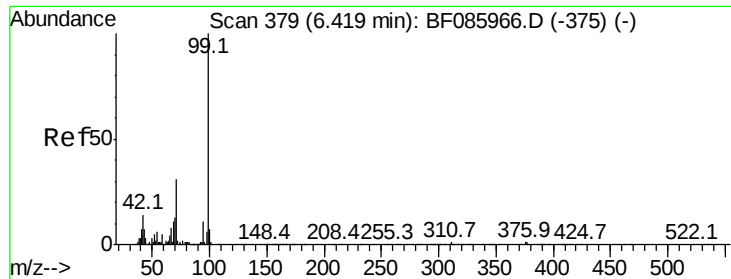


#5

2-Fluorophenol
Concen: 123.34 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF086037.D
Acq: 4 Apr 2016 14:35

Tgt Ion:112 Resp: 874460
Ion Ratio Lower Upper
112 100
64 48.5 39.9 59.9
63 24.4 20.2 30.2





#7

Phenol-d6

Concen: 119.91 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB89407BL

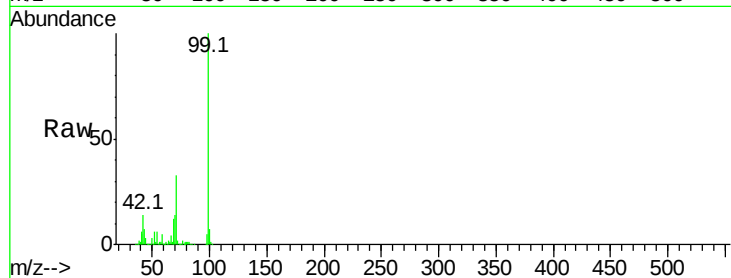
Tot Ion: 99 Resp: 1079825

Ion Ratio Lower Upper

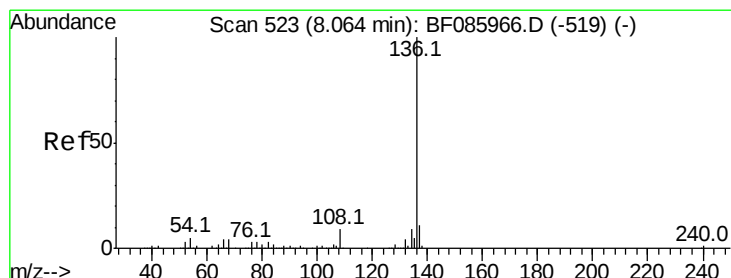
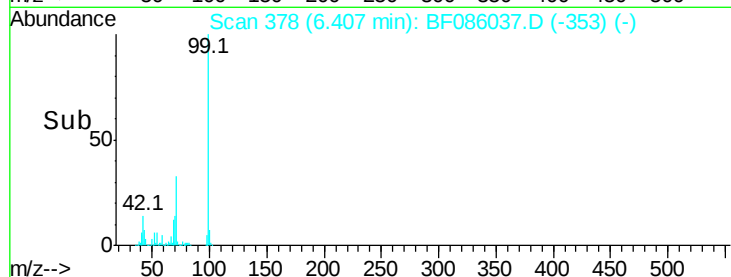
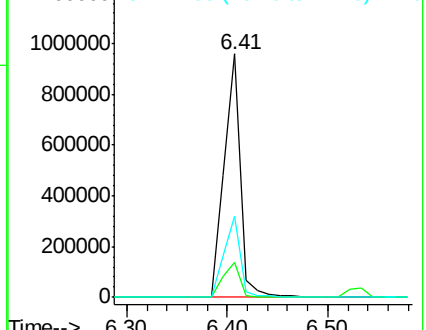
99 100

42 14.5 11.1 16.7

71 33.1 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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Tgt Ion: 136 Resp: 472546

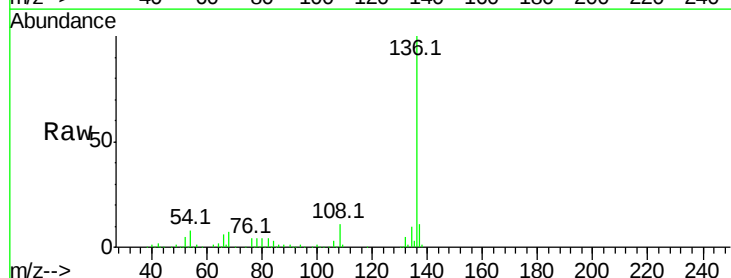
Ion Ratio Lower Upper

136 100

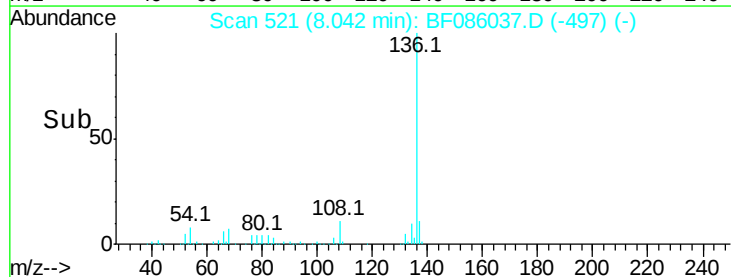
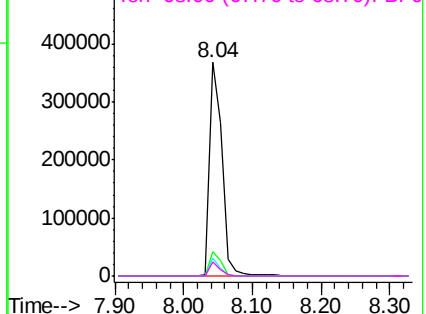
137 11.2 9.1 13.7

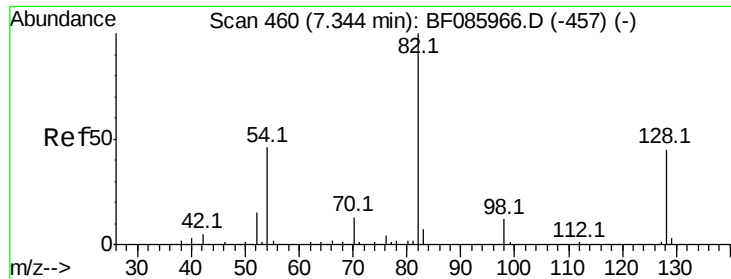
54 8.4 7.4 11.0

68 6.9 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

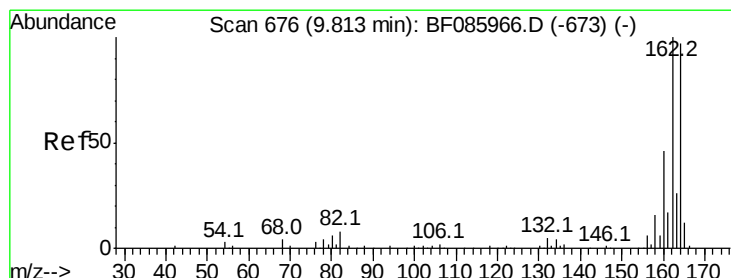
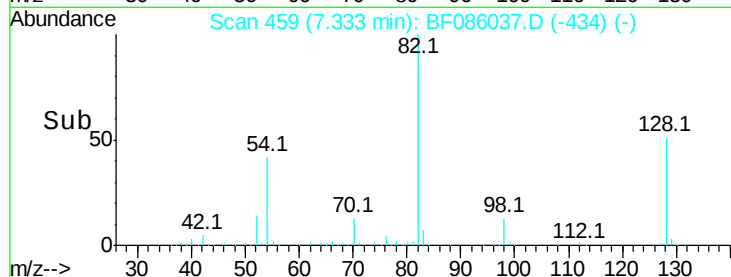
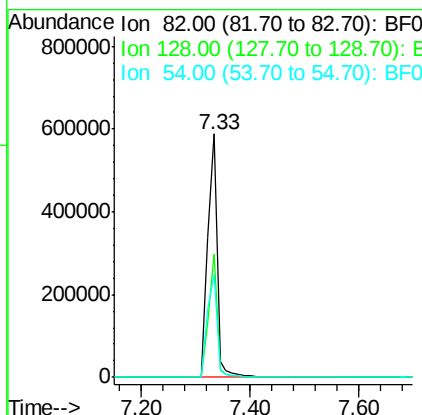
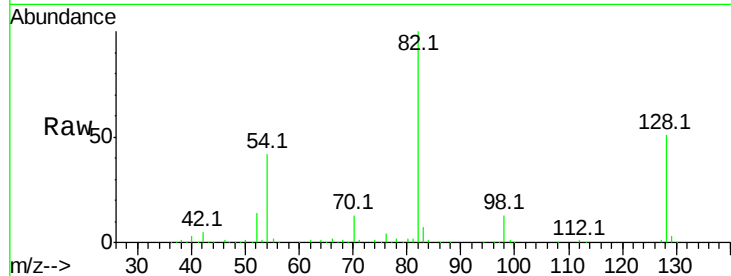




#23
 Nitrobenzene-d5
 Concen: 86.79 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086037.D
 Acq: 4 Apr 2016 14:35

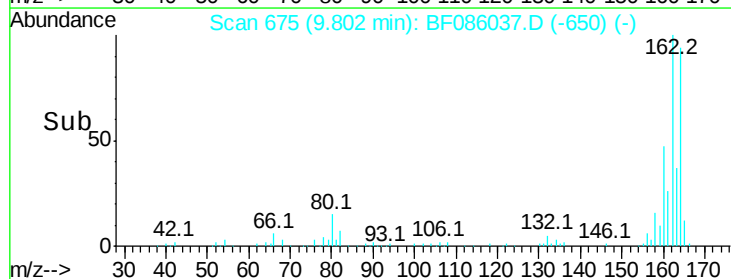
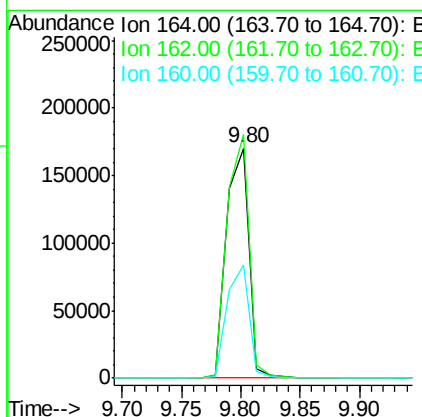
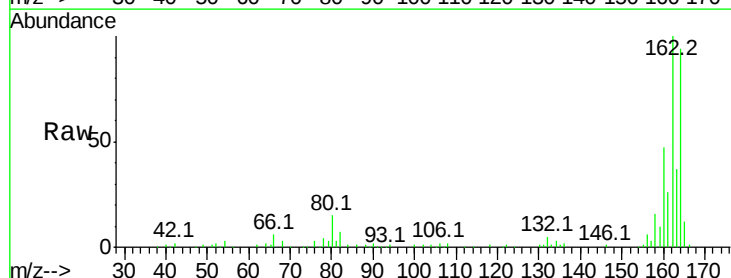
Instrument :
 BNA_F
 ClientSampleID :
 PB89407BL

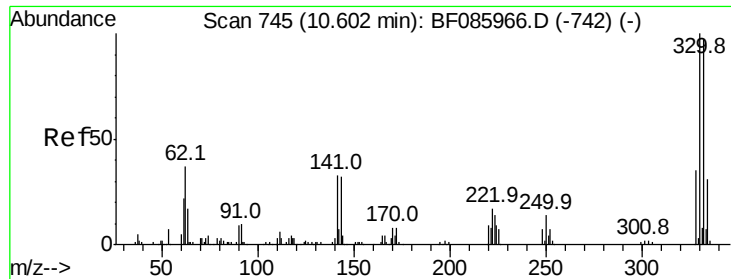
Tot Ion	82	Resp	695465
Ion Ratio	100		
Lower	41.8		
Upper	62.8		
54	42.0	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086037.D
 Acq: 4 Apr 2016 14:35

Tgt Ion	164	Resp	222178
Ion Ratio	100		
Lower	82.1		
Upper	123.1		
162	106.1	37.4	56.2
160	49.5		

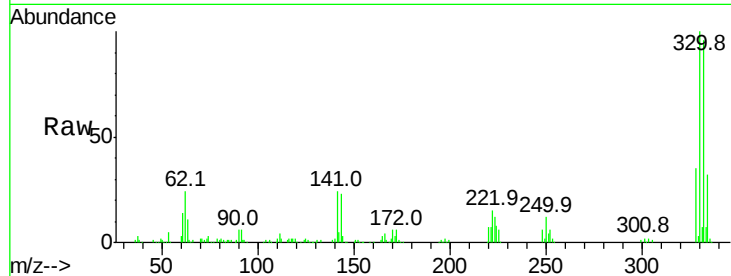




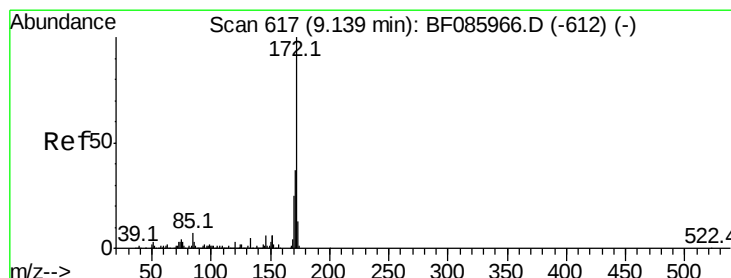
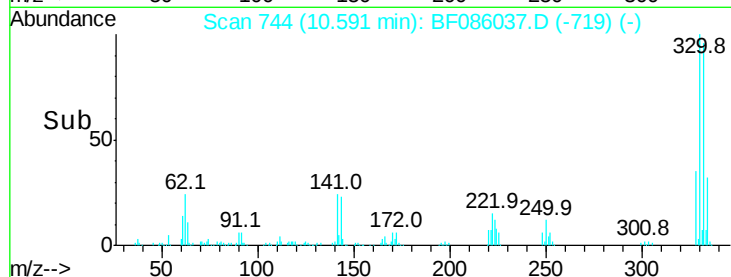
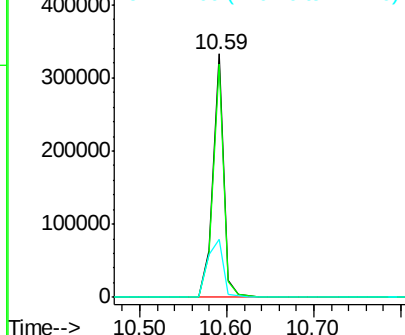
#41
 2,4,6-Tribromophenol
 Concen: 141.64 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086037.D
 Acq: 4 Apr 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BL

Tot Ion:330 Resp: 295364
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.2 117.2
 141 33.7 31.5 47.3

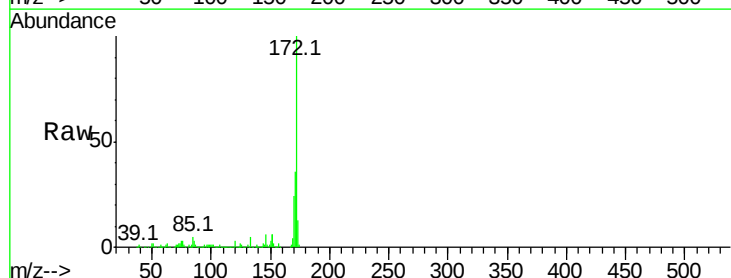


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

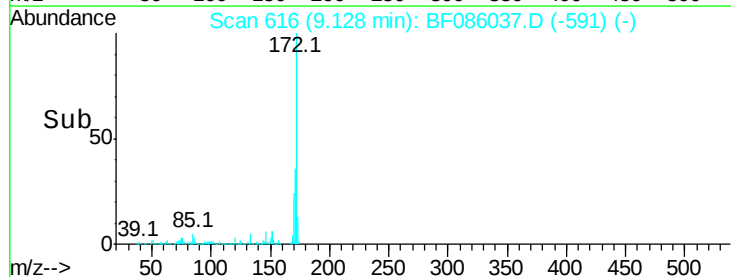
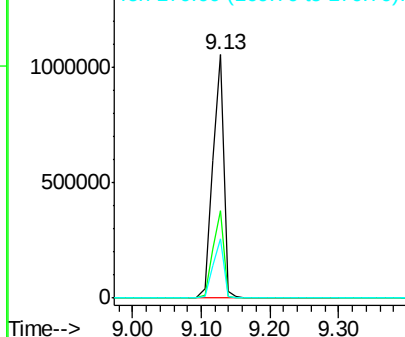


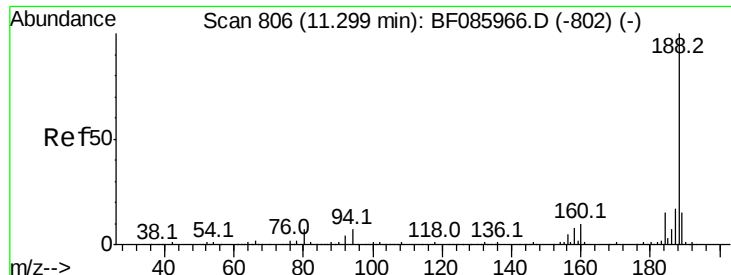
#44
 2-Fluorobiphenyl
 Concen: 88.86 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086037.D
 Acq: 4 Apr 2016 14:35

Tgt Ion:172 Resp: 1187449
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.1 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

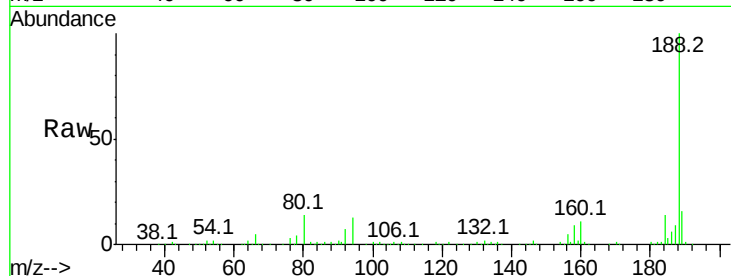




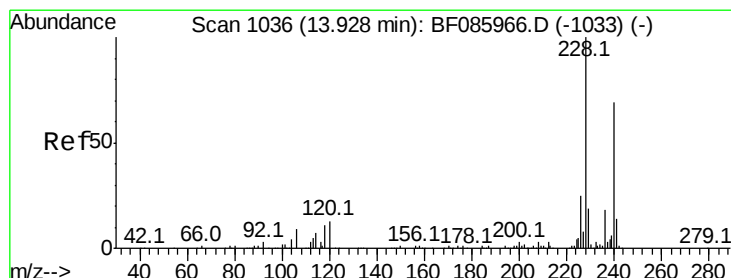
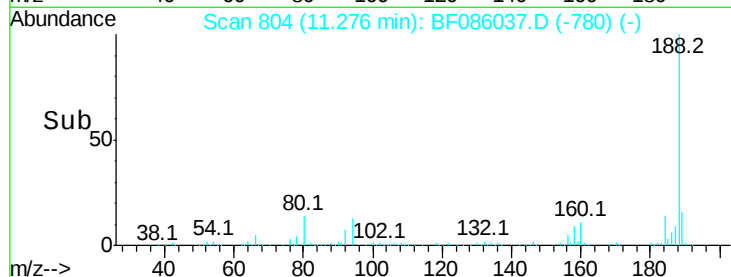
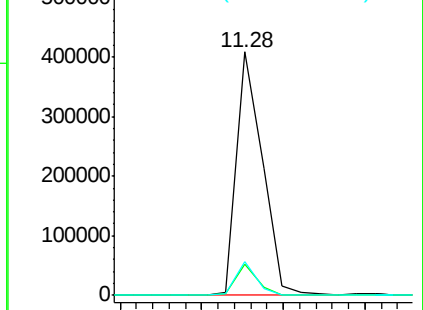
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086037.D
Acq: 4 Apr 2016 14:35

Instrument :
BNA_F
ClientSampled :
PB89407BL

Tot Ion:188 Resp: 446608
Ion Ratio Lower Upper
188 100
94 12.7 5.4 8.0#
80 13.8 5.5 8.3#

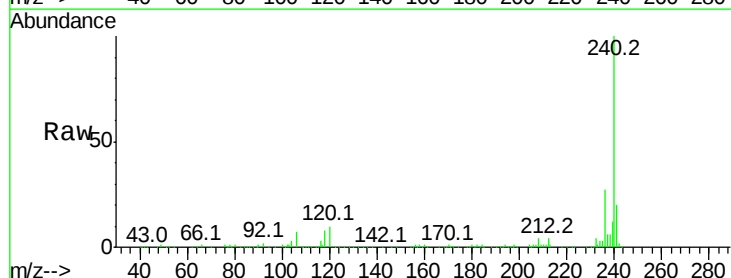


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

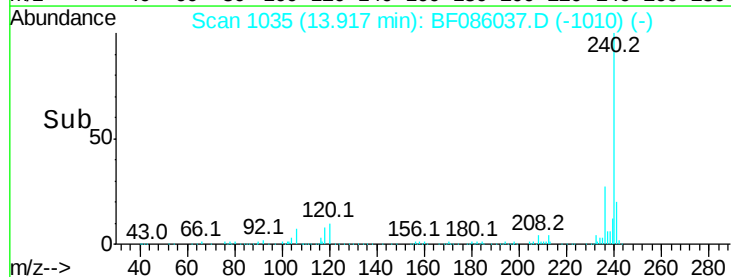
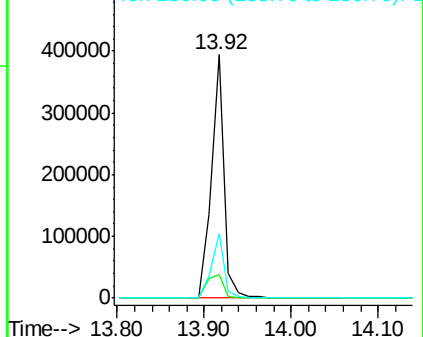


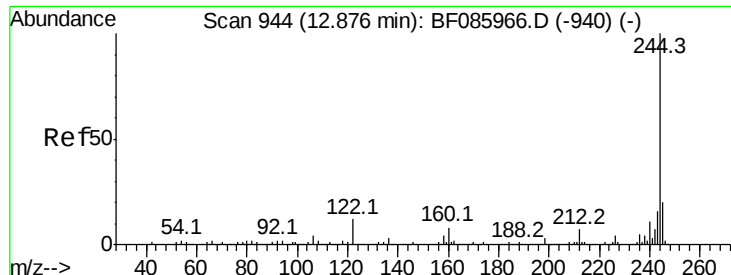
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF086037.D
Acq: 4 Apr 2016 14:35

Tgt Ion:240 Resp: 403720
Ion Ratio Lower Upper
240 100
120 9.9 13.8 20.8#
236 26.6 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: 67.92 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB89407BL

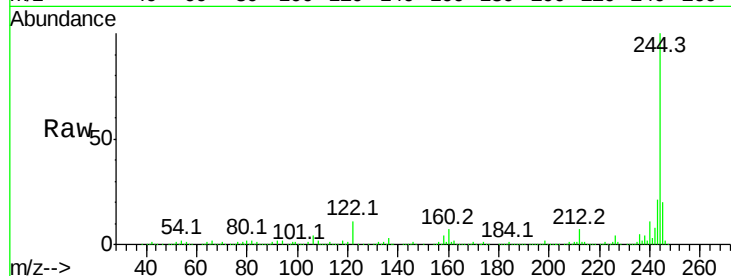
Tot Ion:244 Resp: 1166551

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

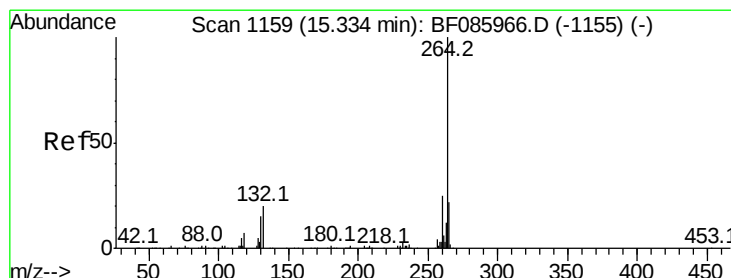
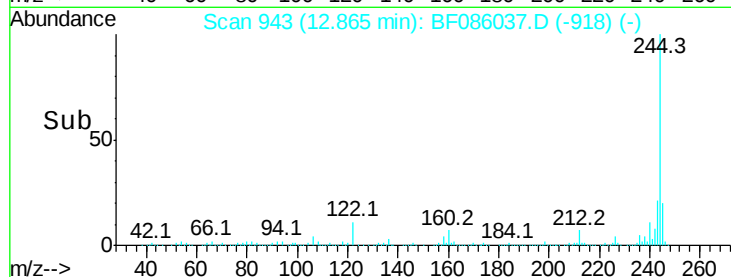
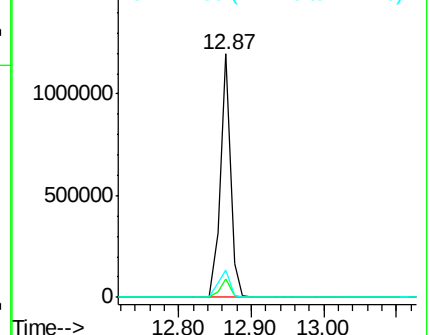
122 11.1 10.2 15.4



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: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF086037.D

Acq: 4 Apr 2016 14:35

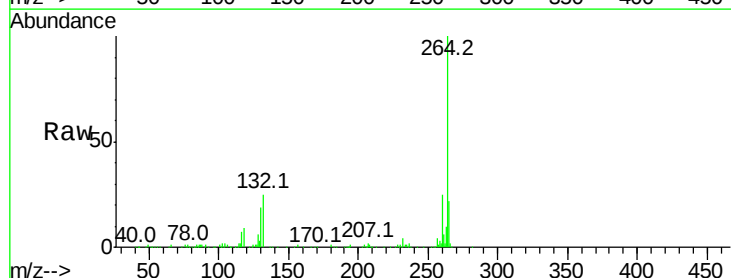
Tgt Ion:264 Resp: 339575

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.7 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

