

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085973.D
 Acq On : 1 Apr 2016 20:46
 Operator : UM/SJ
 Sample : PB89334BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BL

Quant Time: Apr 01 23:24:27 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	6.77	152	111259	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	426469	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	192849	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	393725	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	356176	20.00	ng	0.00
86) Perylene-d12	15.33	264	300281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	758051	116.46	ng	0.00
7) Phenol-d6	6.42	99	1052737	127.33	ng	0.00
23) Nitrobenzene-d5	7.34	82	629384	87.03	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	276005	152.48	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1098455	94.71	ng	0.00
78) Terphenyl-d14	12.88	244	1063852	70.21	ng	0.00

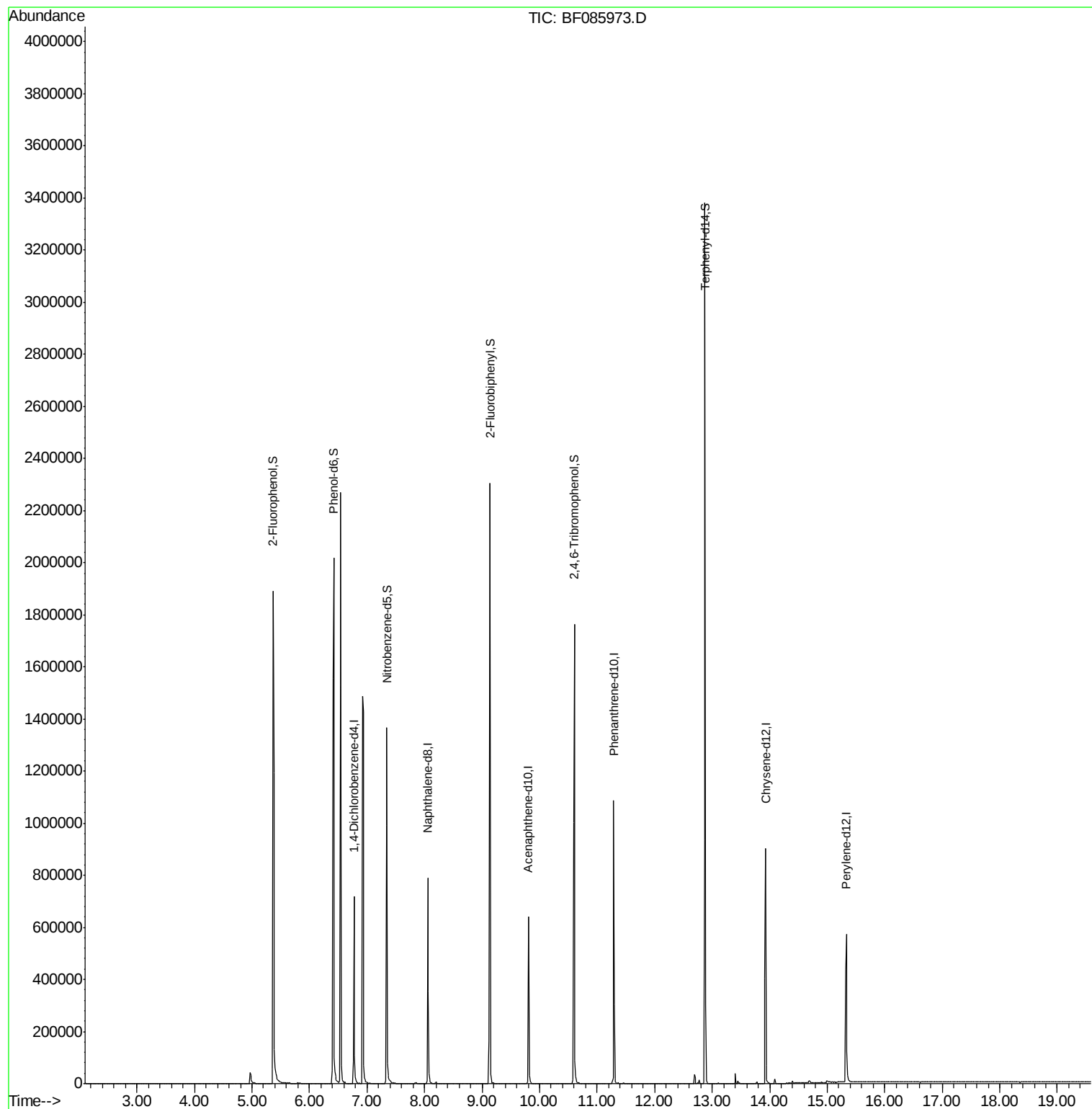
Target Compounds Qvalue

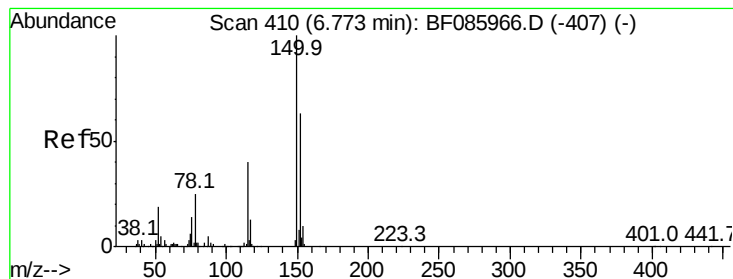
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampled :

PB89334BL

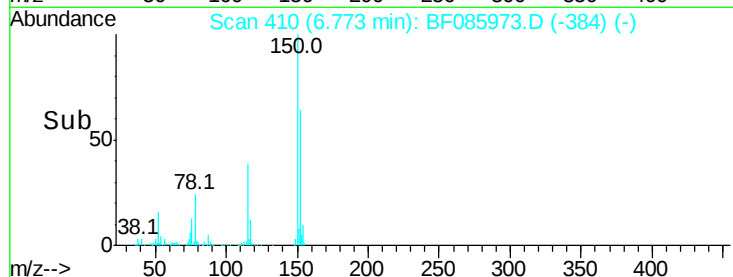
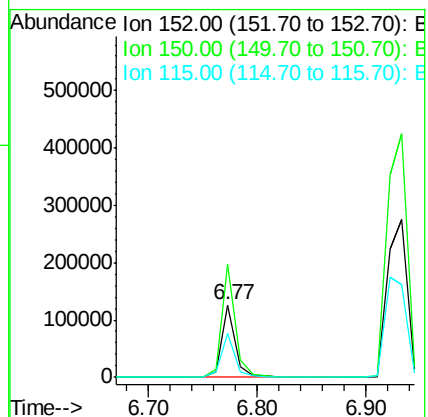
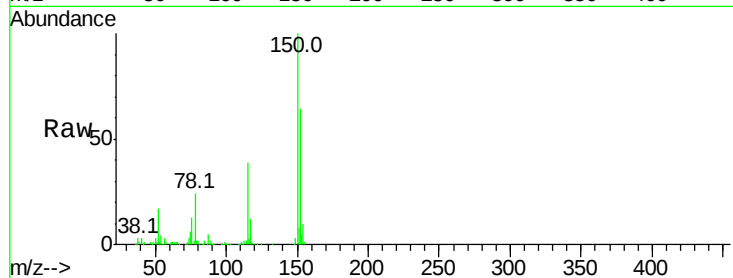
Tot Ion:152 Resp: 111259

Ion Ratio Lower Upper

152 100

150 155.7 124.2 186.2

115 60.3 47.0 70.6



#5

2-Fluorophenol

Concen: 116.46 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

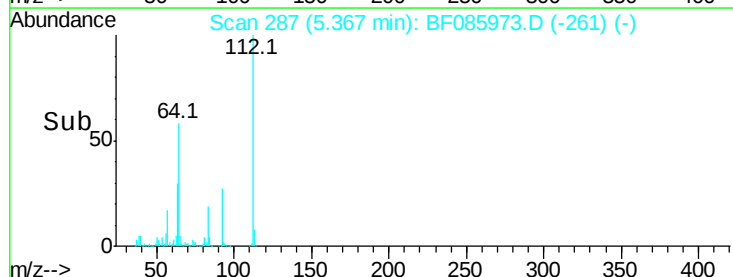
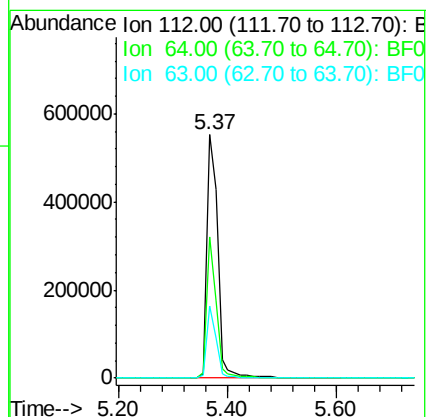
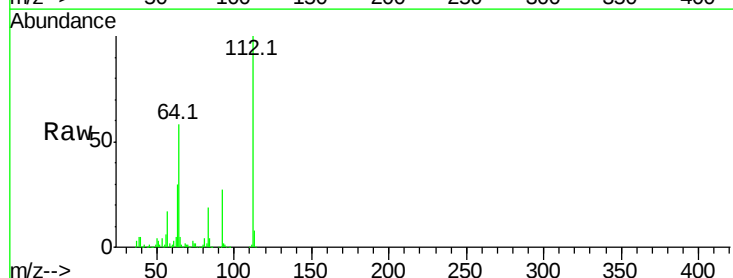
Tgt Ion:112 Resp: 758051

Ion Ratio Lower Upper

112 100

64 58.1 39.9 59.9

63 29.6 20.2 30.2





#7

Phenol-d6

Concen: 127.33 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

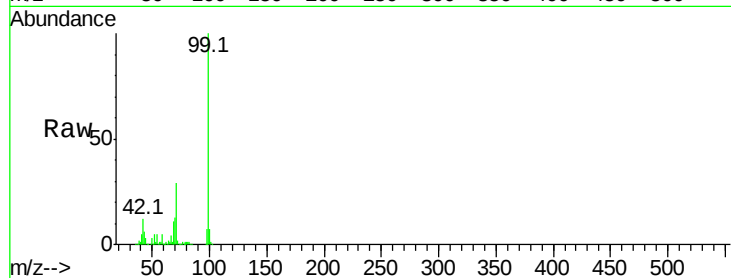
BNA_F

ClientSampled :

PB89334BL

Tot Ion: 99 Resp: 1052737

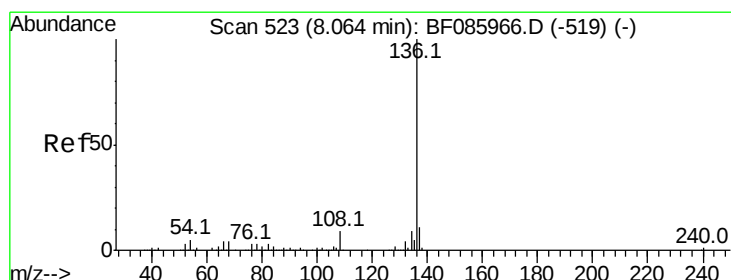
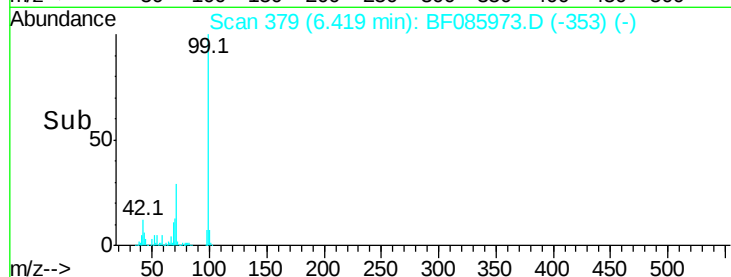
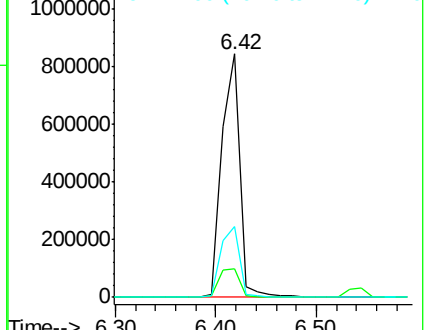
Ion	Ratio	Lower	Upper
99	100		
42	11.9	11.1	16.7
71	29.3	24.9	37.3



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: 8.05 min Scan# 522

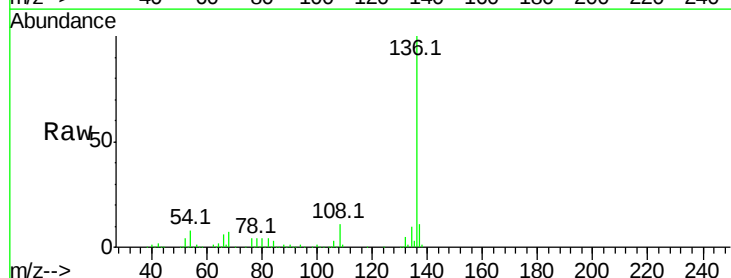
Delta R.T. -0.01 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Tgt Ion: 136 Resp: 426469

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.0	7.4	11.0
68	6.7	5.8	8.8

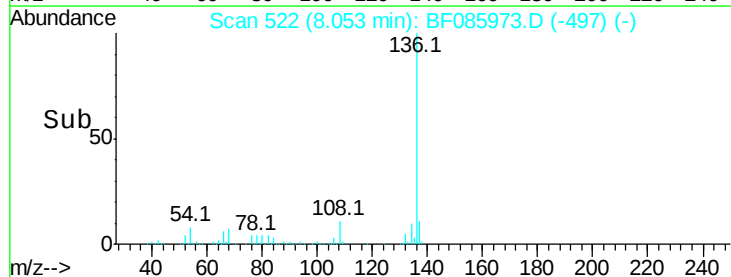
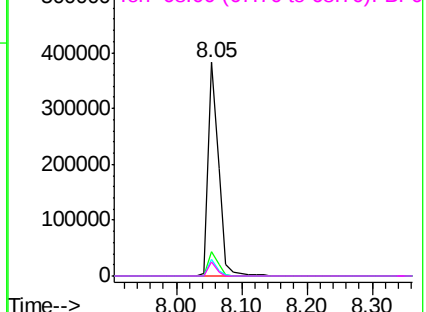


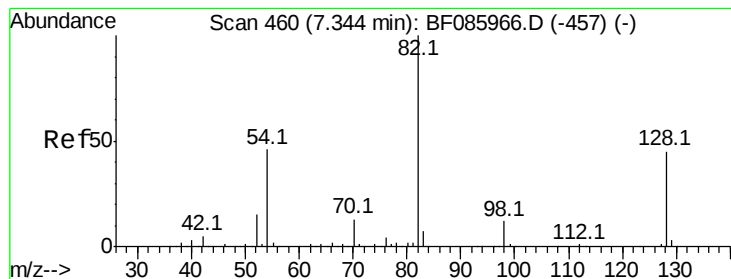
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.03 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

Instrument :

BNA_F

ClientSampleId :

PB89334BL

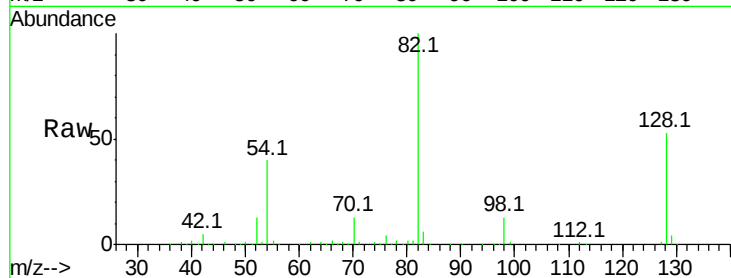
Tot Ion: 82 Resp: 629384

Ion Ratio Lower Upper

82 100

128 53.0 41.8 62.8

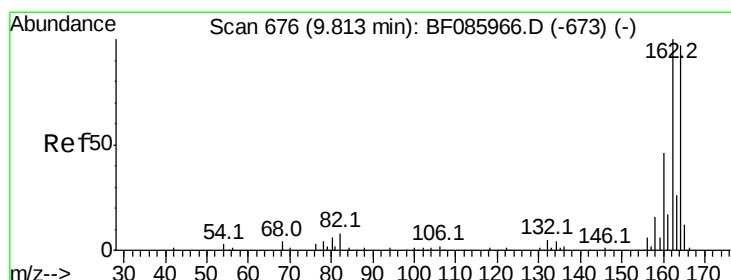
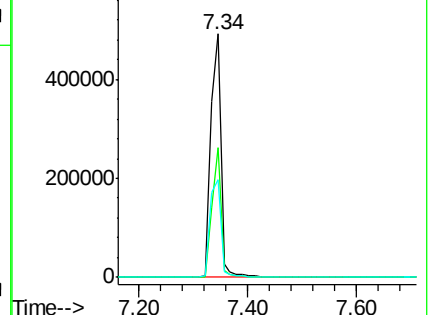
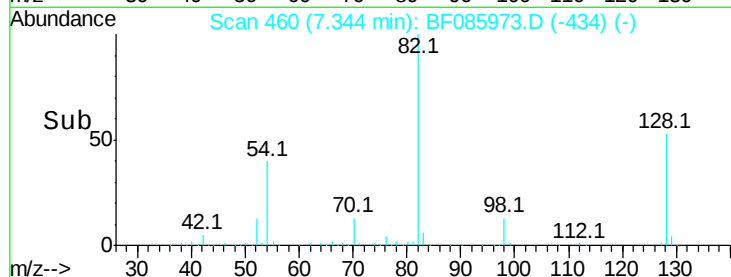
54 39.9 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085973.D

Acq: 1 Apr 2016 20:46

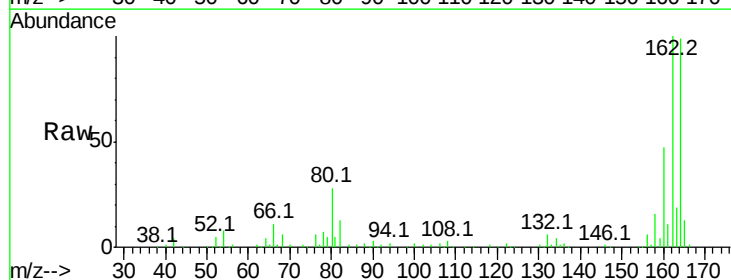
Tgt Ion:164 Resp: 192849

Ion Ratio Lower Upper

164 100

162 101.0 82.1 123.1

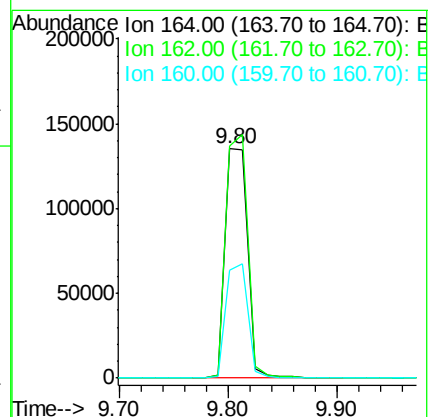
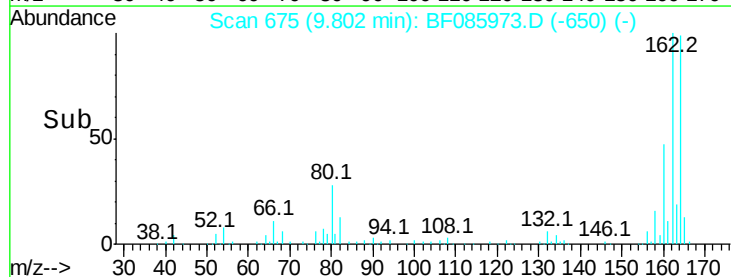
160 47.1 37.4 56.2

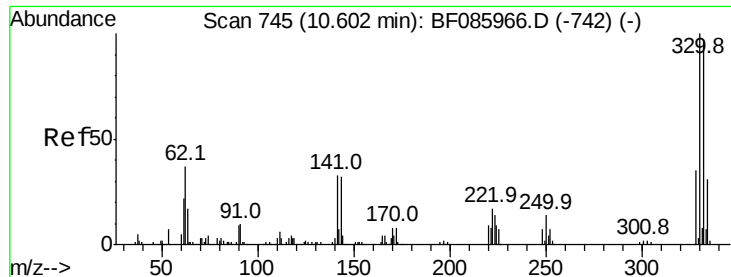


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

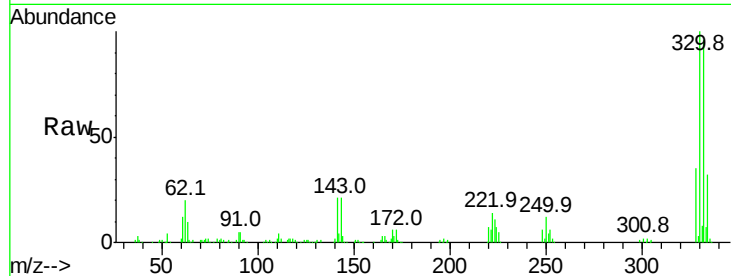




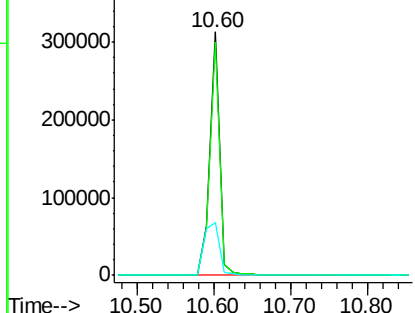
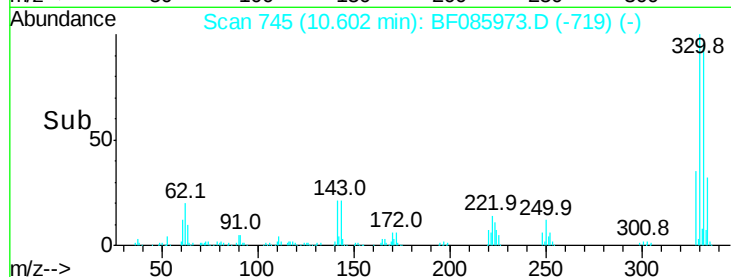
#41
 2,4,6-Tribromophenol
 Concen: 152.48 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BL

Tot Ion:330 Resp: 276005
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.2 117.2
 141 33.8 31.5 47.3

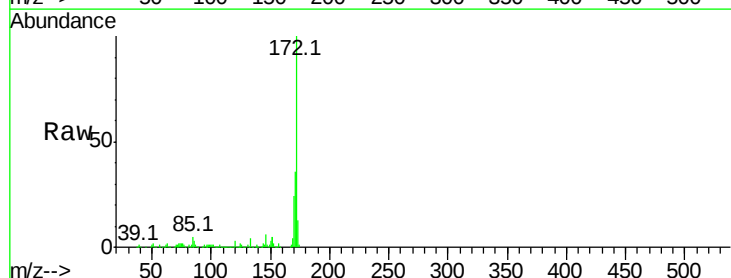


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

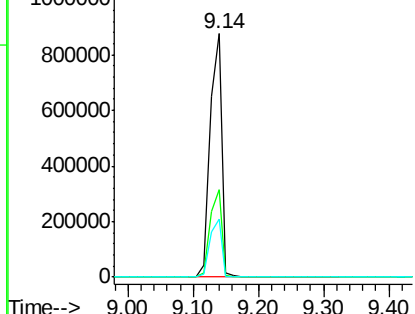
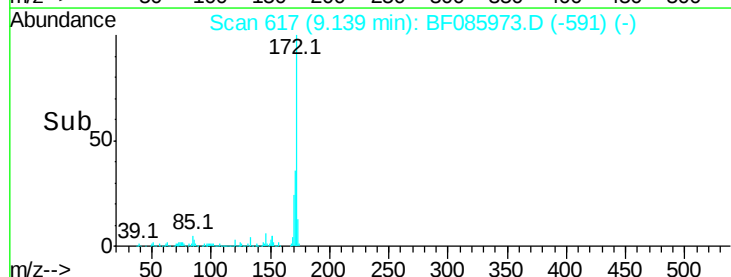


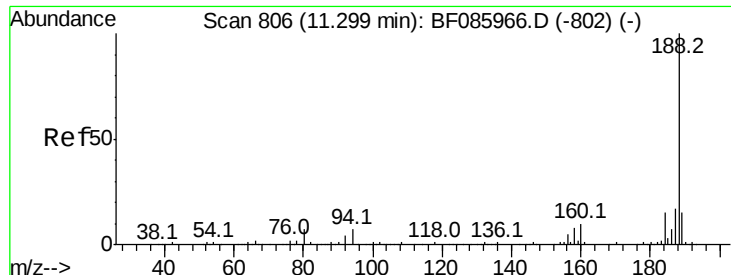
#44
 2-Fluorobiphenyl
 Concen: 94.71 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

Tgt Ion:172 Resp: 1098455
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 23.9 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

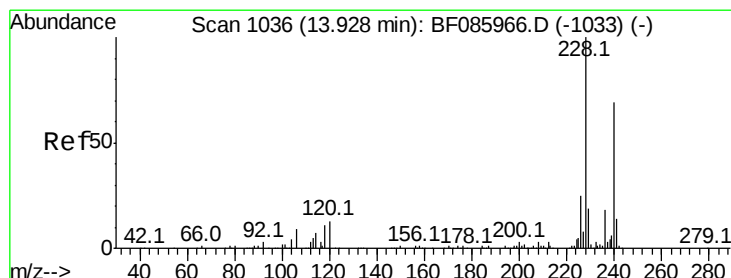
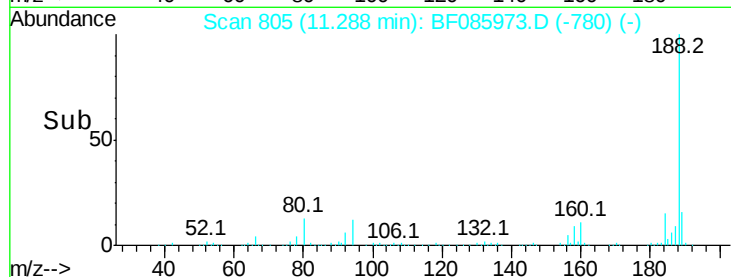
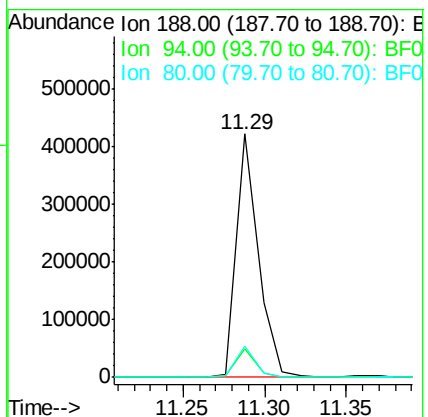
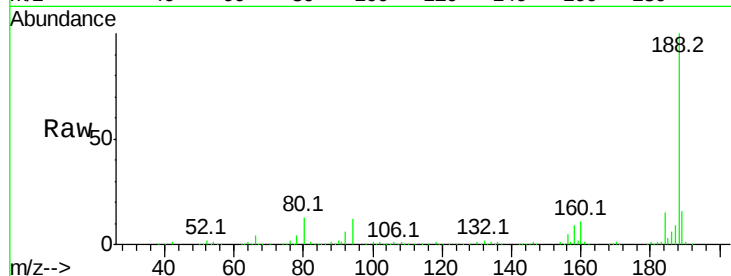




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

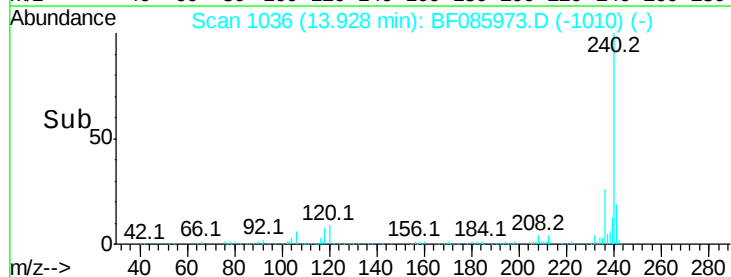
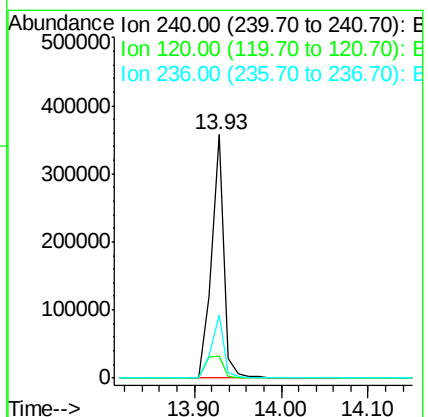
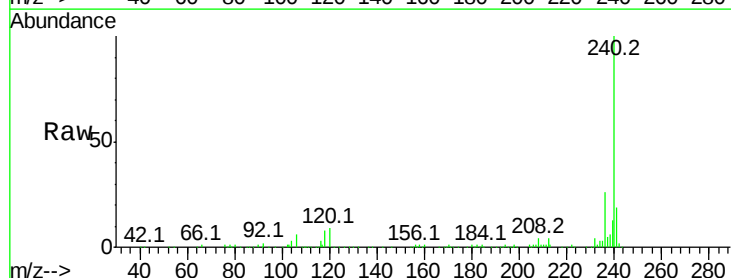
Instrument :
BNA_F
ClientSampled :
PB89334BL

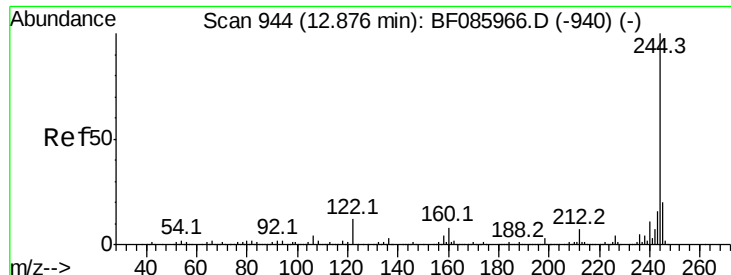
Tot Ion:188 Resp: 393725
Ion Ratio Lower Upper
188 100
94 11.9 5.4 8.0#
80 12.9 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:240 Resp: 356176
Ion Ratio Lower Upper
240 100
120 9.4 13.8 20.8#
236 25.9 20.6 30.8

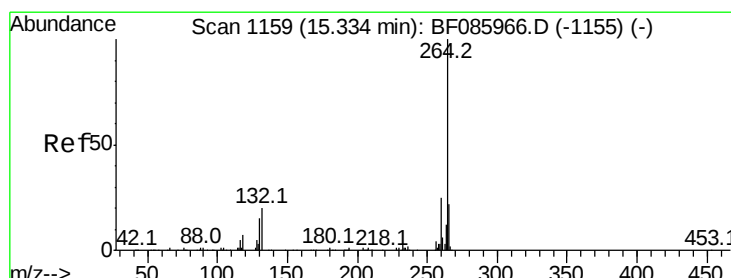
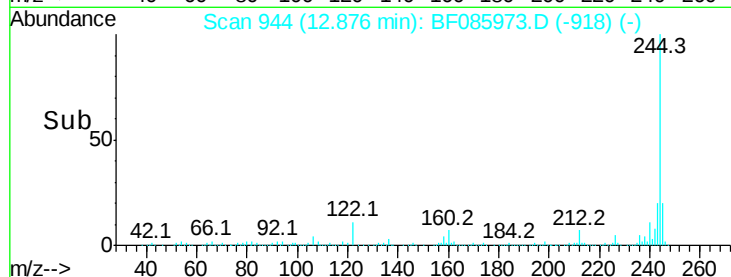
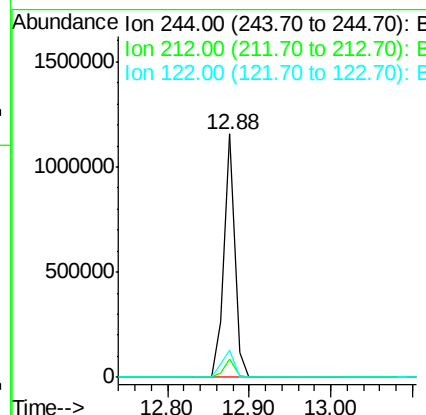
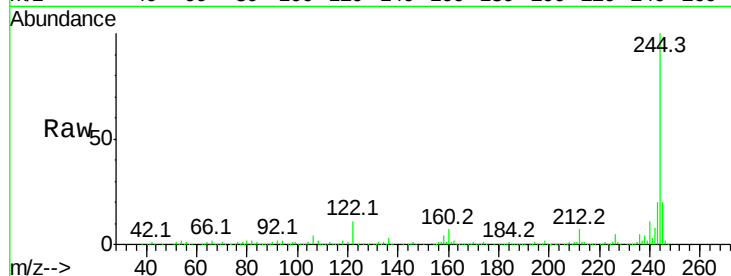




#78
 Terphenyl-d14
 Concen: 70.21 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89334BL

Tot Ion:244 Resp: 1063852
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.3 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF085973.D
 Acq: 1 Apr 2016 20:46

Tgt Ion:264 Resp: 300281
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.2
 265 21.5 17.2 25.8

