

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085978.D
 Acq On : 1 Apr 2016 23:12
 Operator : UM/SJ
 Sample : PB89315BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89315BL

Quant Time: Apr 01 23:37:53 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	105524	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	414016	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	191657	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	383899	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	339919	20.00	ng	0.00
86) Perylene-d12	15.33	264	291412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	777708	125.97	ng	0.01
7) Phenol-d6	6.42	99	1010630	128.88	ng	0.00
23) Nitrobenzene-d5	7.34	82	612380	87.23	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	272772	151.63	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1081699	93.84	ng	0.00
78) Terphenyl-d14	12.88	244	1077778	74.53	ng	0.00

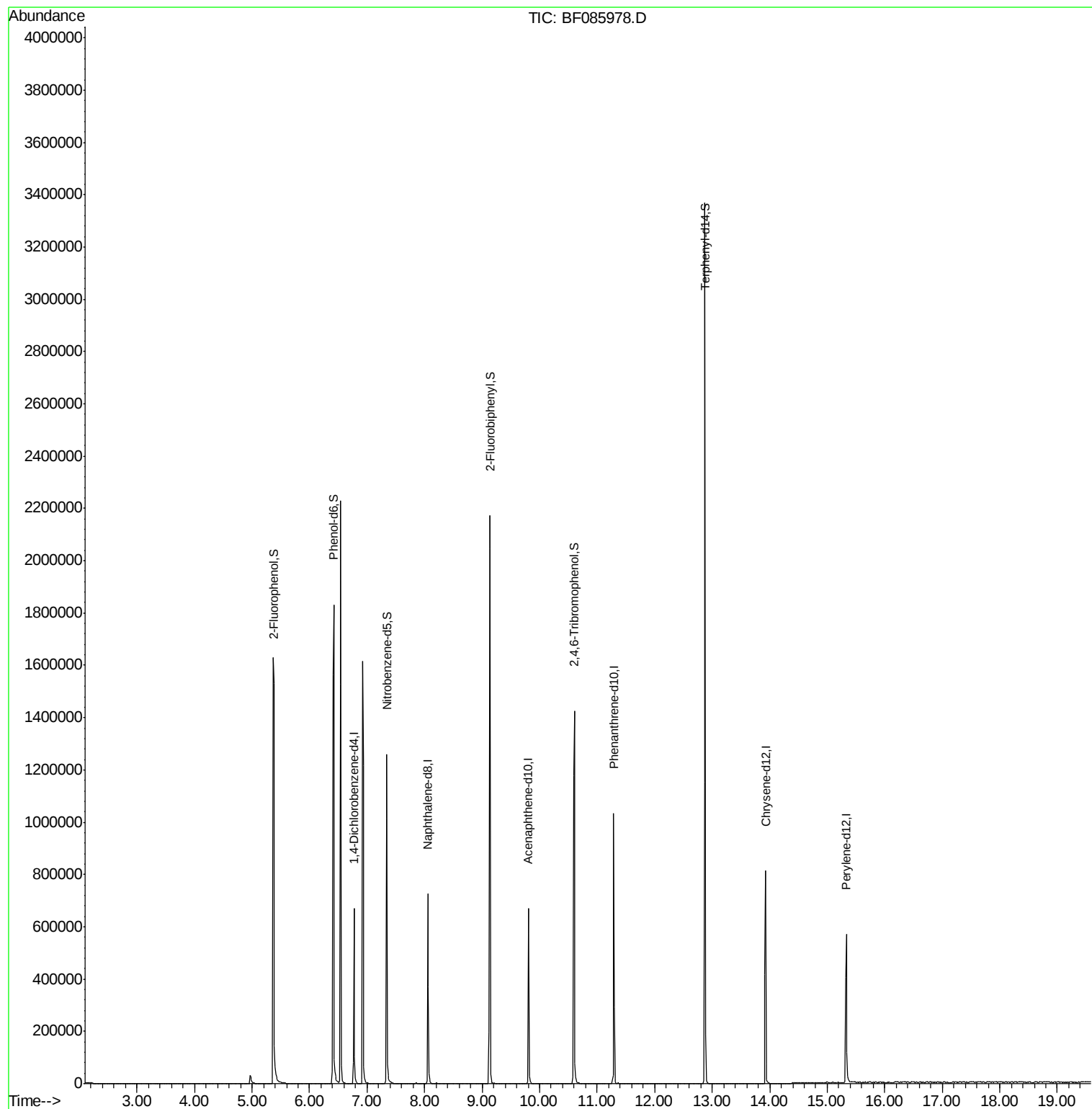
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085978.D
Acq On : 1 Apr 2016 23:12
Operator : UM/SJ
Sample : PB89315BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89315BL

Quant Time: Apr 01 23:37:53 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



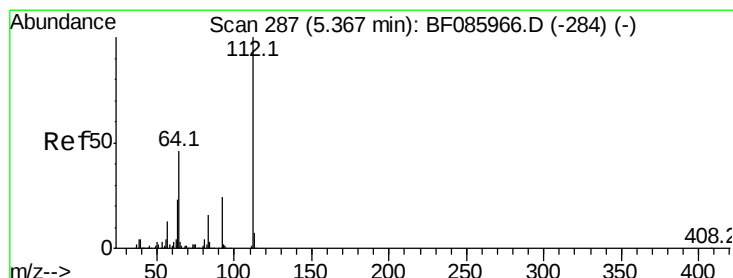
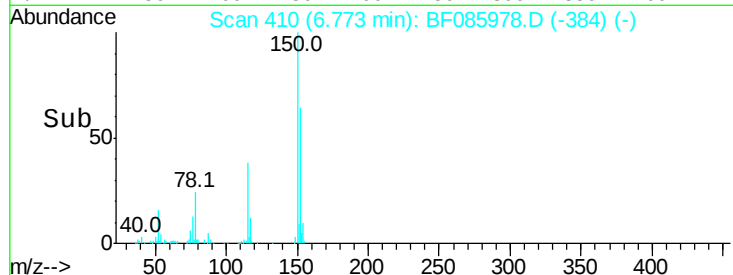
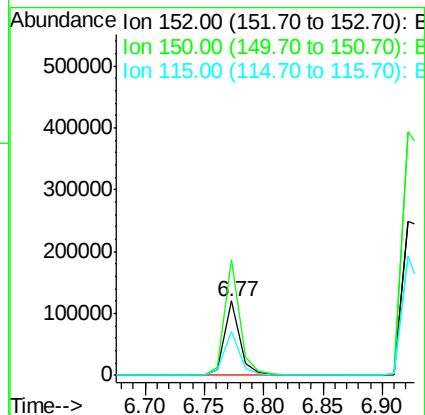
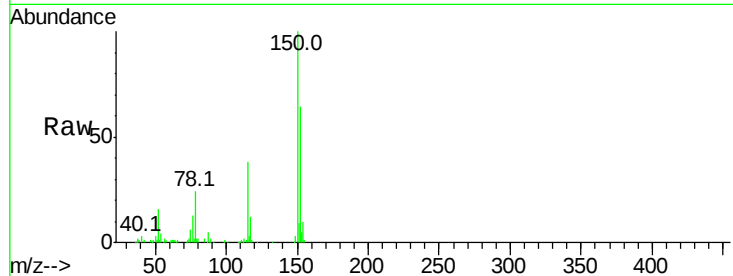


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085978.D
Acq: 1 Apr 2016 23:12

Instrument :
BNA_F
ClientSampleId :
PB89315BL

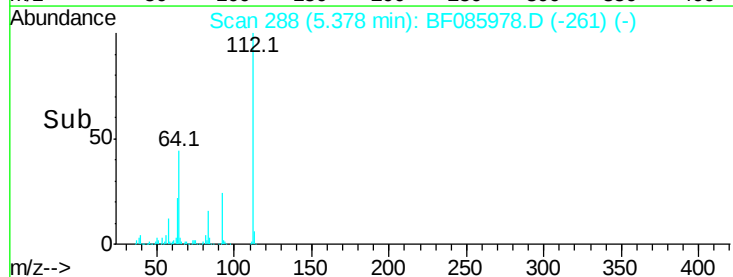
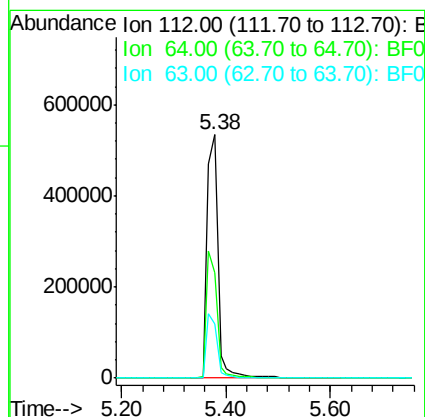
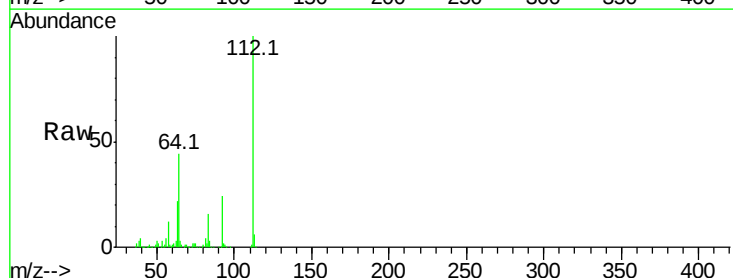
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	59.9	47.0	70.6



#5

2-Fluorophenol
Concen: 125.97 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF085978.D
Acq: 1 Apr 2016 23:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.5	39.9	59.9
63	22.4	20.2	30.2





#7

Phenol-d6

Concen: 128.88 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF085978.D

Acq: 1 Apr 2016 23:12

Instrument :

BNA_F

ClientSampleId :

PB89315BL

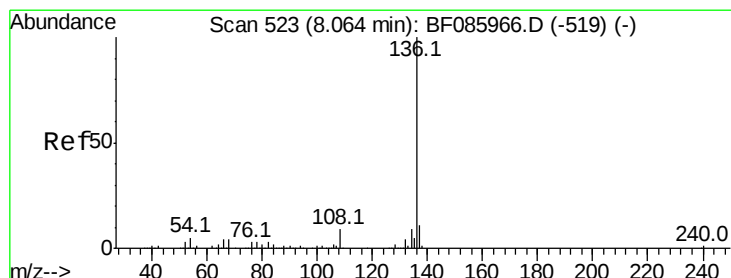
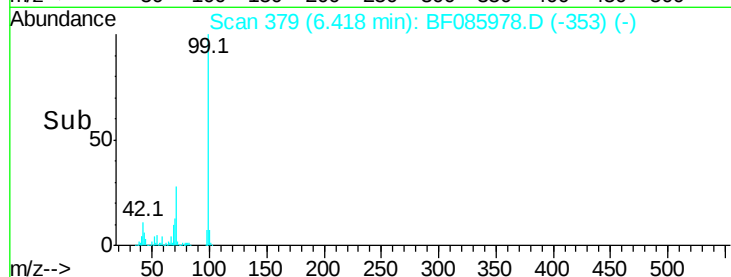
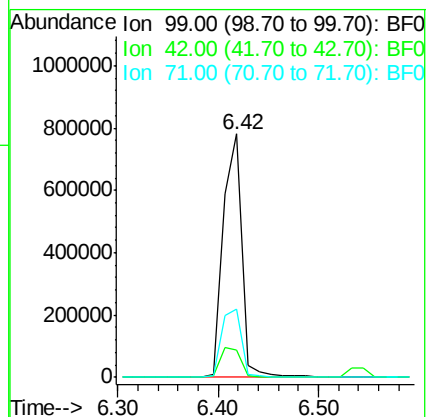
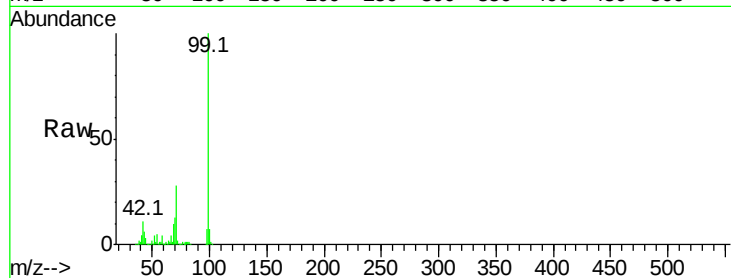
Tot Ion: 99 Resp: 1010630

Ion Ratio Lower Upper

99 100

42 11.4 11.1 16.7

71 28.1 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085978.D

Acq: 1 Apr 2016 23:12

Tgt Ion: 136 Resp: 414016

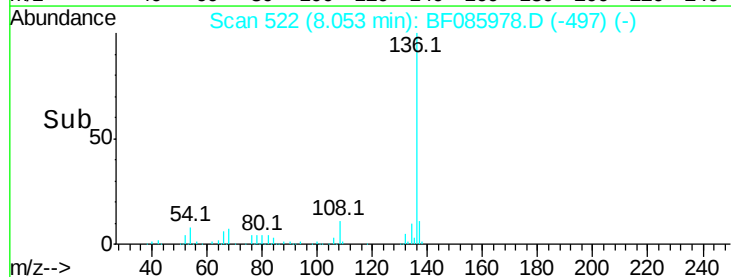
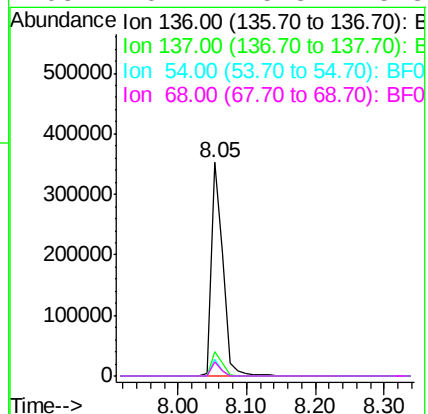
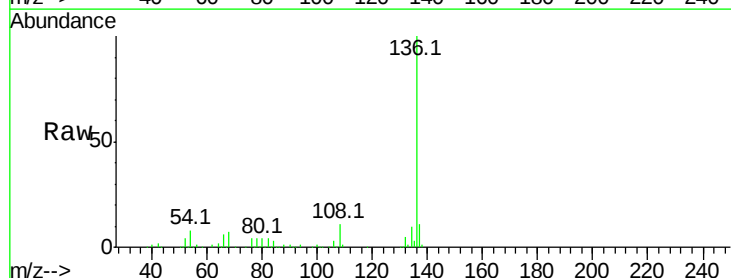
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 7.4 11.0

68 6.7 5.8 8.8

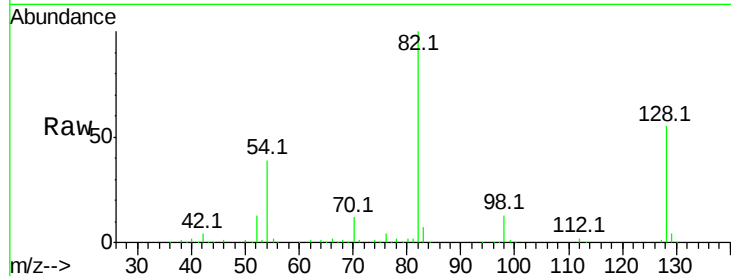




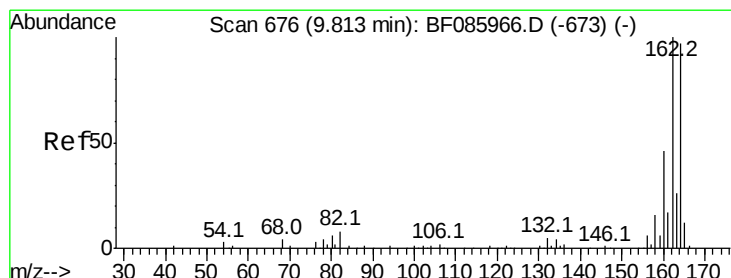
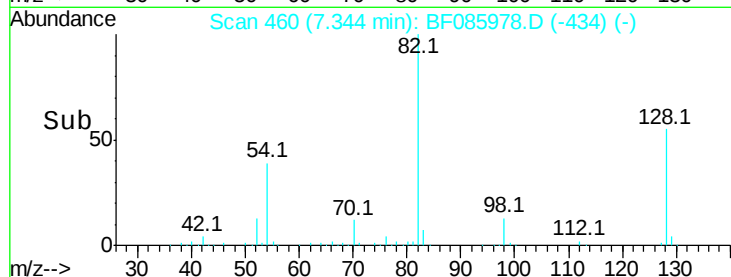
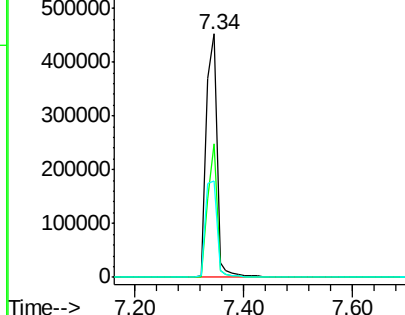
#23
 Nitrobenzene-d5
 Concen: 87.23 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF085978.D
 Acq: 1 Apr 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89315BL

Tot Ion: 82 Resp: 612380
 Ion Ratio Lower Upper
 82 100
 128 54.7 41.8 62.8
 54 39.4 33.4 50.0

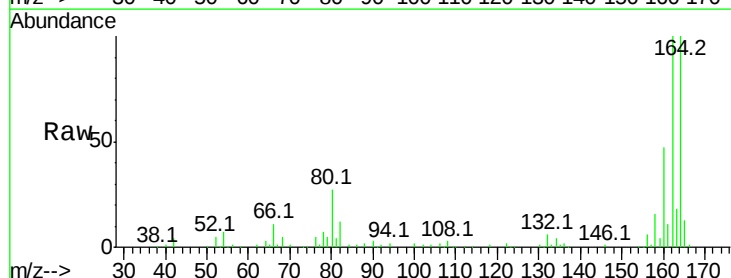


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

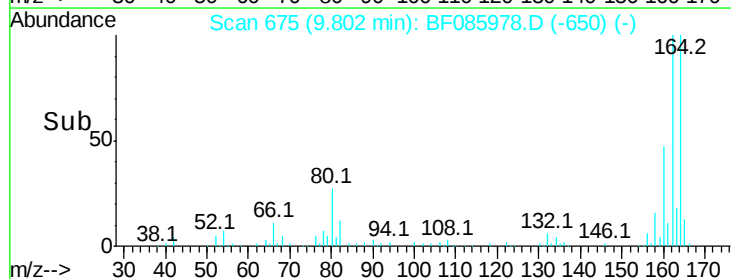
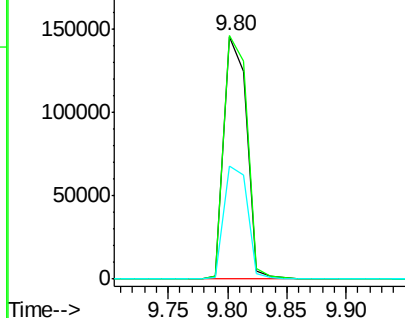


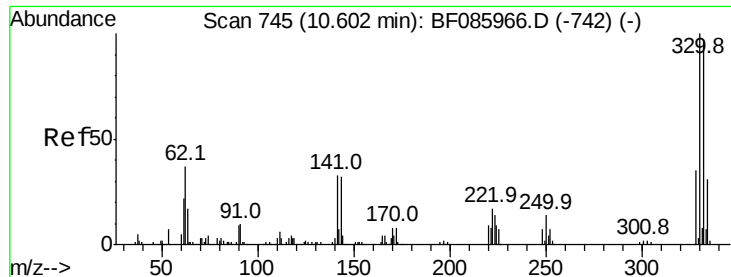
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF085978.D
 Acq: 1 Apr 2016 23:12

Tgt Ion:164 Resp: 191657
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.1 123.1
 160 46.6 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

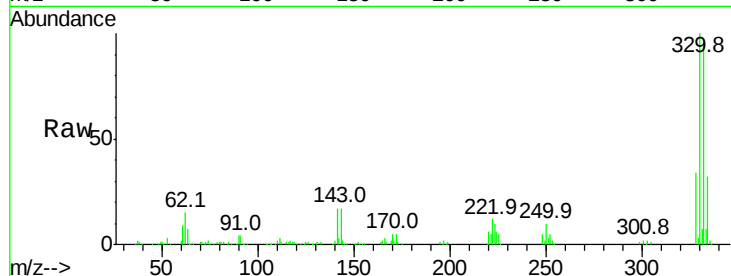




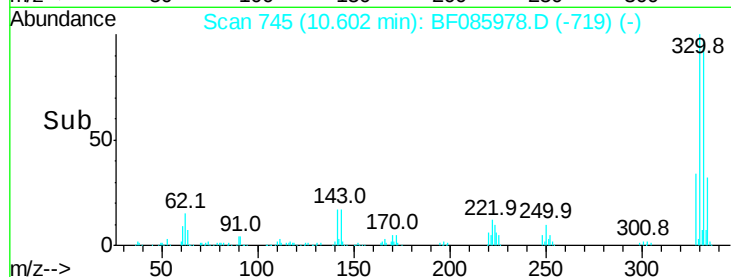
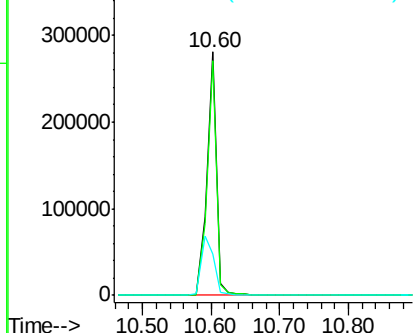
#41
 2,4,6-Tribromophenol
 Concen: 151.63 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF085978.D
 Acq: 1 Apr 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89315BL

Tot Ion:330 Resp: 272772
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.2 117.2
 141 31.8 31.5 47.3

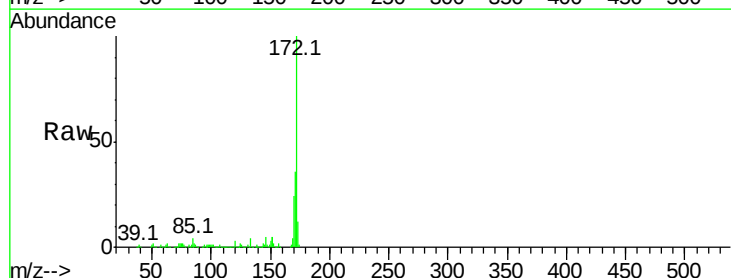


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

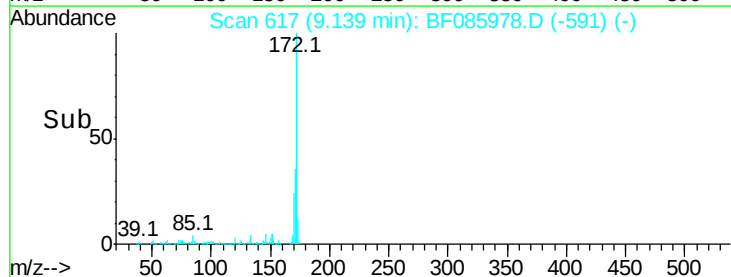
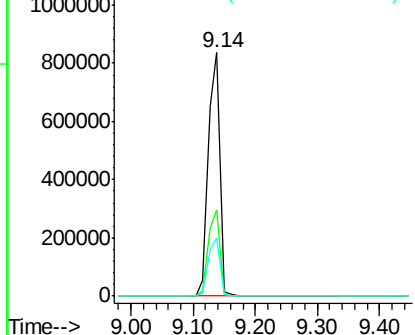


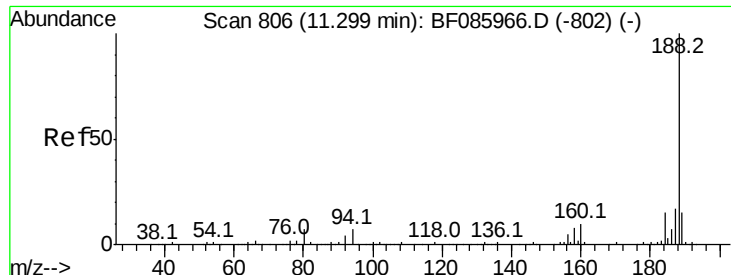
#44
 2-Fluorobiphenyl
 Concen: 93.84 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF085978.D
 Acq: 1 Apr 2016 23:12

Tgt Ion:172 Resp: 1081699
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.2
 170 23.6 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

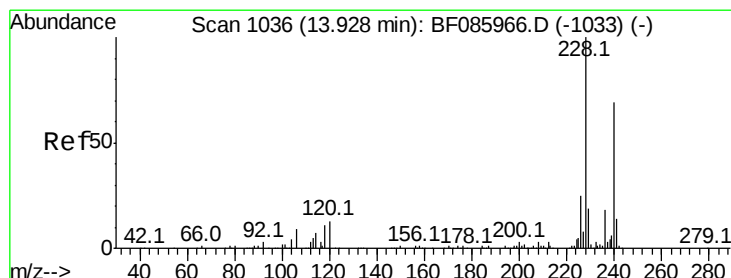
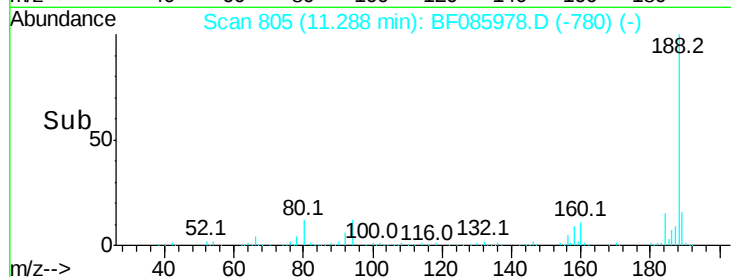
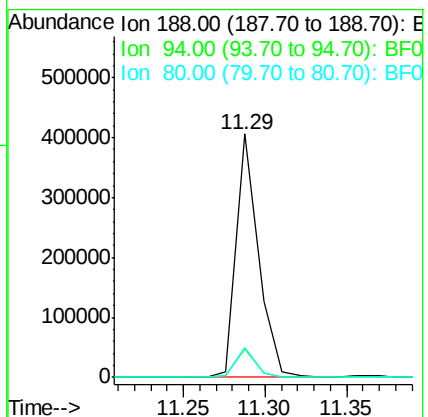
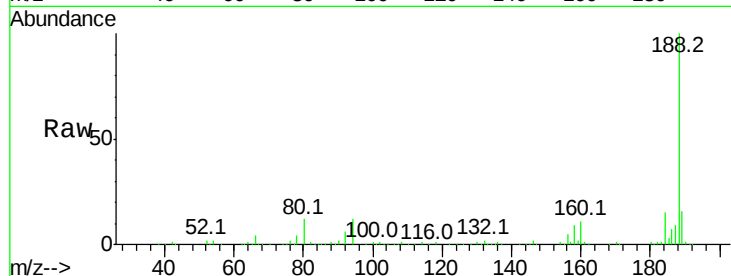




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085978.D
Acq: 1 Apr 2016 23:12

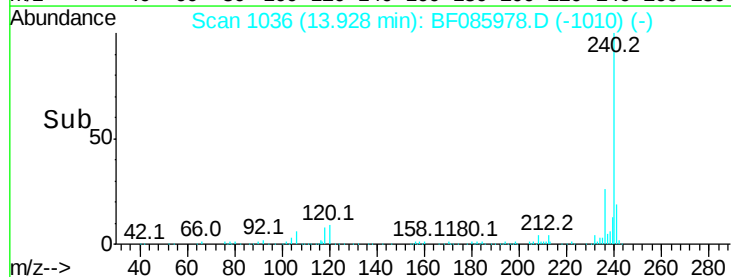
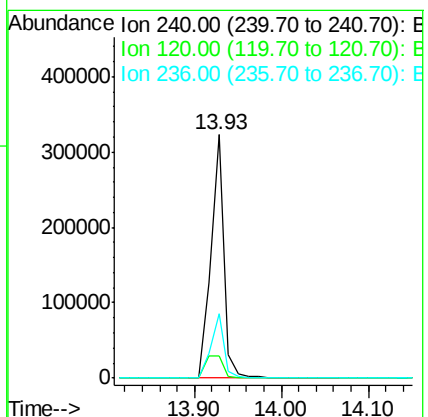
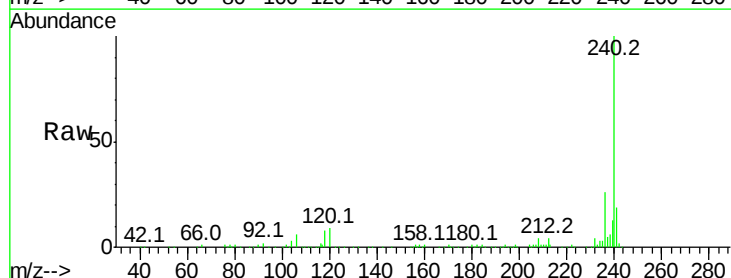
Instrument :
BNA_F
ClientSampleID :
PB89315BL

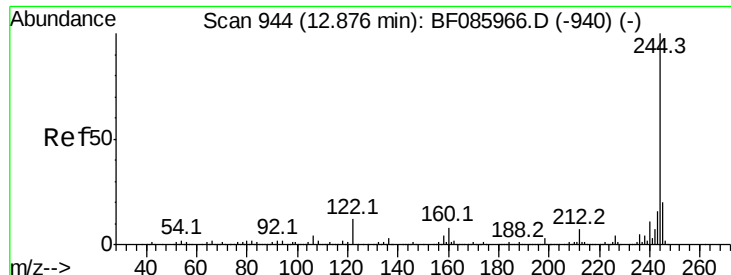
Tot Ion:188 Resp: 383899
Ion Ratio Lower Upper
188 100
94 11.9 5.4 8.0#
80 12.2 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF085978.D
Acq: 1 Apr 2016 23:12

Tgt Ion:240 Resp: 339919
Ion Ratio Lower Upper
240 100
120 9.2 13.8 20.8#
236 26.3 20.6 30.8





#78

Terphenyl-d14

Concen: 74.53 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF085978.D

Acq: 1 Apr 2016 23:12

Instrument :

BNA_F

ClientSampleId :

PB89315BL

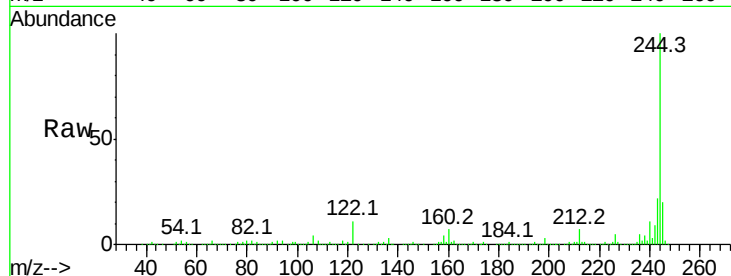
Tot Ion:244 Resp: 1077778

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

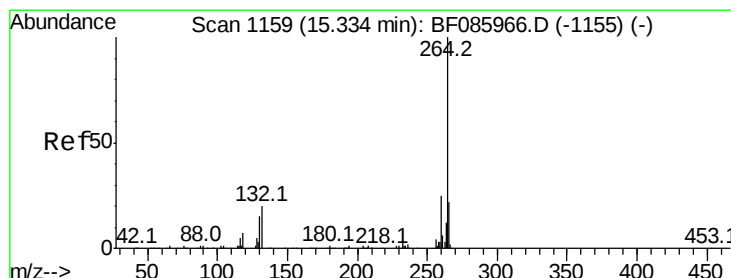
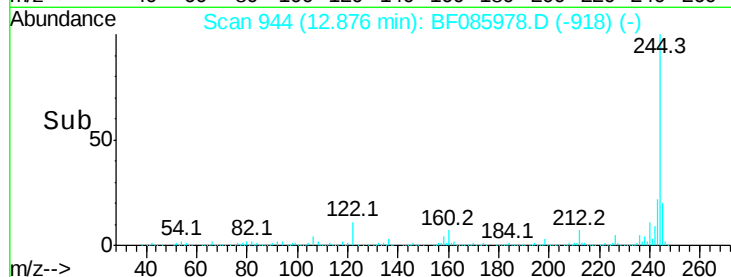
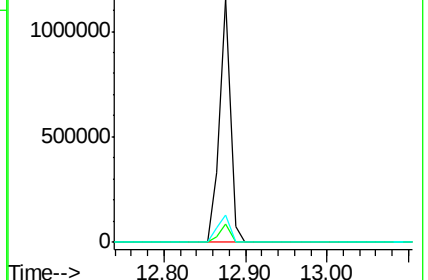
122 11.2 10.2 15.4



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: 15.33 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF085978.D

Acq: 1 Apr 2016 23:12

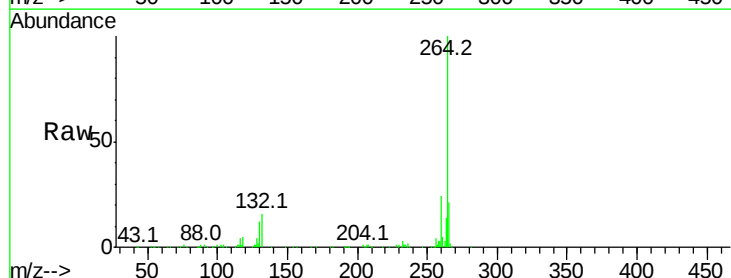
Tgt Ion:264 Resp: 291412

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.2 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

