

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085234.D
 Acq On : 5 Mar 2016 5:53
 Operator : SJ/IZ
 Sample : H1686-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(9-11)

Quant Time: Mar 07 12:08:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

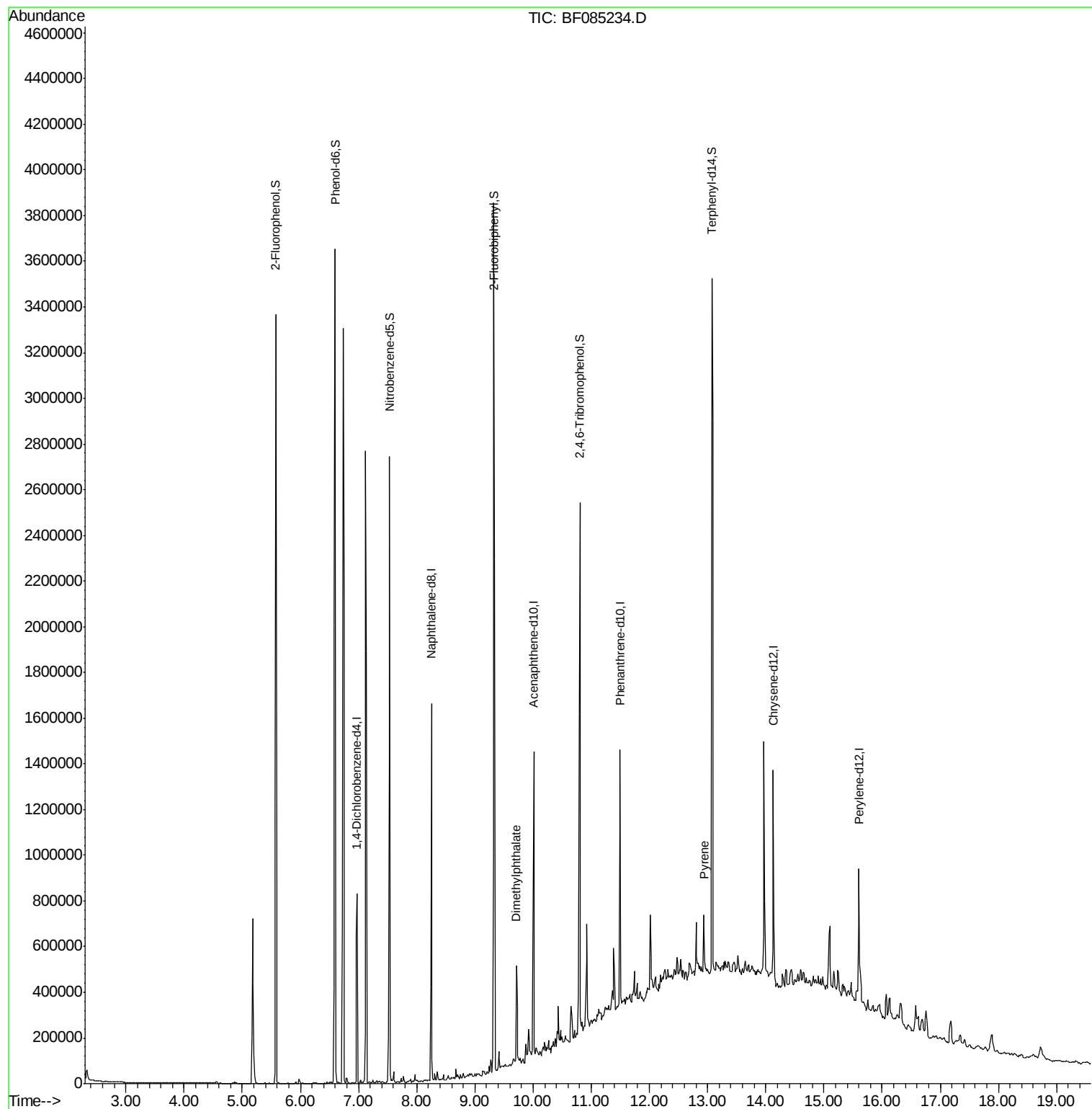
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172701	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	732532	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	310425	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	537653	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	313210	20.00	ng	-0.02
86) Perylene-d12	15.60	264	284478	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1159524	112.62	ng	0.00
7) Phenol-d6	6.60	99	1566323	116.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1070470	78.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	367561	138.38	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1667911	81.71	ng	-0.02
78) Terphenyl-d14	13.08	244	1369602	101.51	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	136958	5.75	ng	98
77) Pyrene	12.94	202	152465	6.47	ng	98

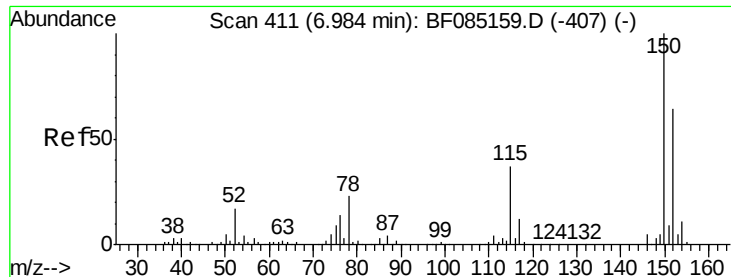
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

Instrument :

BNA_F

ClientSampleId :

SB-45(9-11)

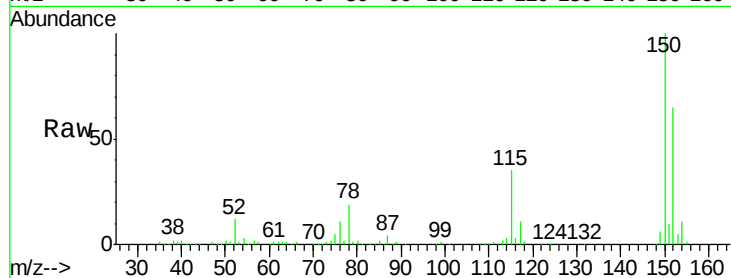
Tot Ion:152 Resp: 172701

Ion Ratio Lower Upper

152 100

150 153.6 124.6 186.8

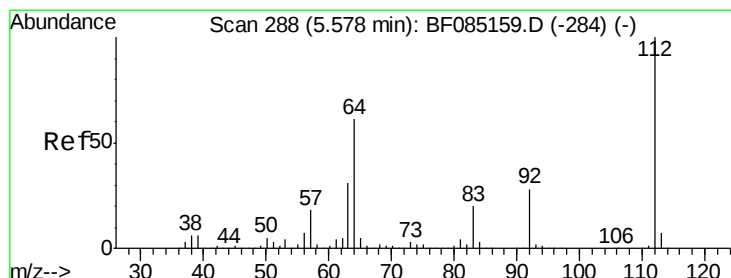
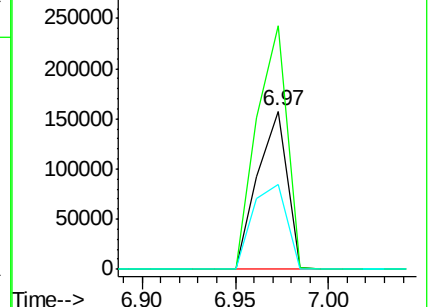
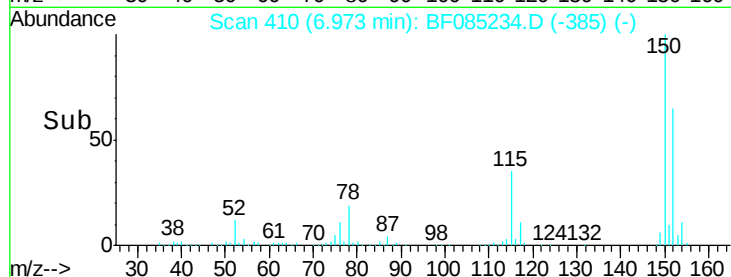
115 53.9 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 112.62 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

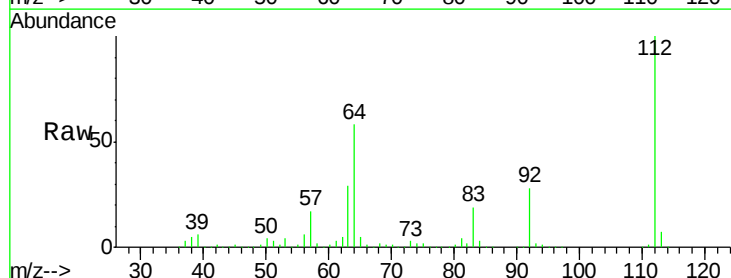
Tgt Ion:112 Resp: 1159524

Ion Ratio Lower Upper

112 100

64 58.3 49.0 73.4

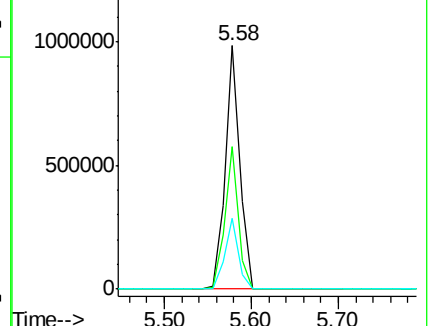
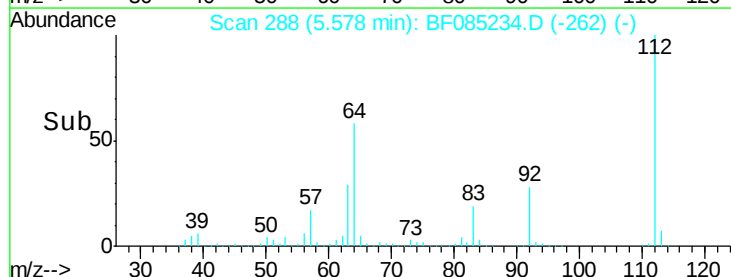
63 29.3 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.12 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

Instrument :

BNA_F

ClientSampleId :

SB-45(9-11)

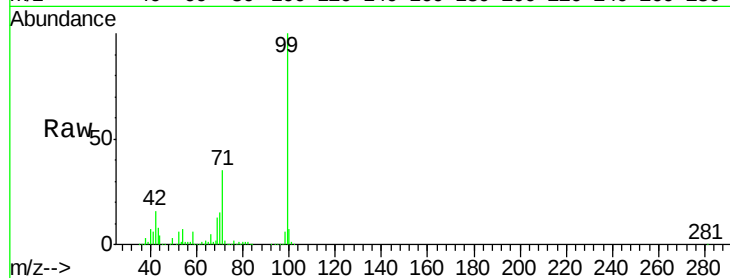
Tot Ion: 99 Resp: 1566323

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

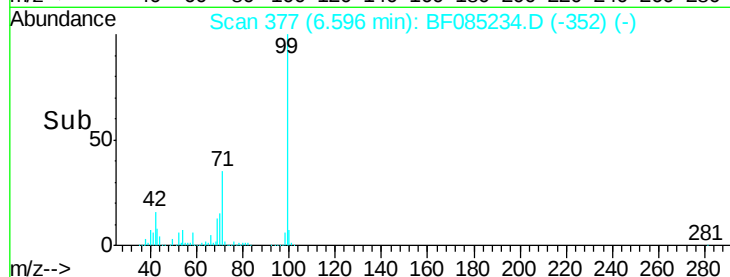
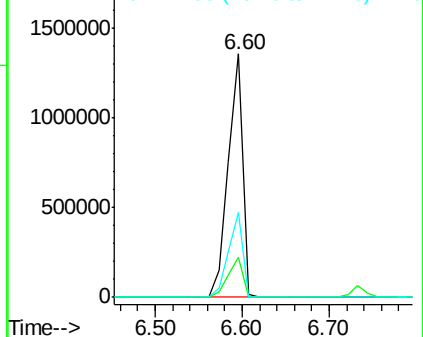
71 34.9 26.7 40.1



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: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

Tgt Ion: 136 Resp: 732532

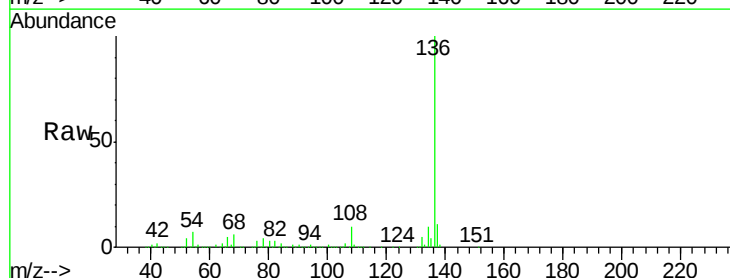
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.2 7.4 11.2#

68 6.2 6.0 9.0

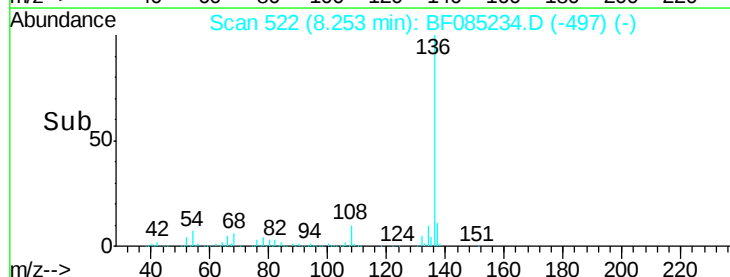
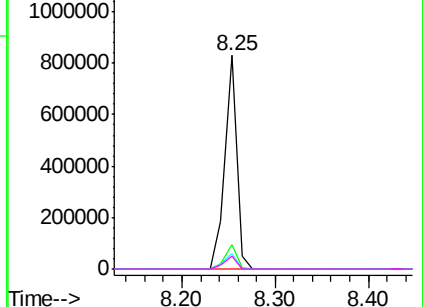


Abundance Ion 136.00 (135.70 to 136.70): E

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

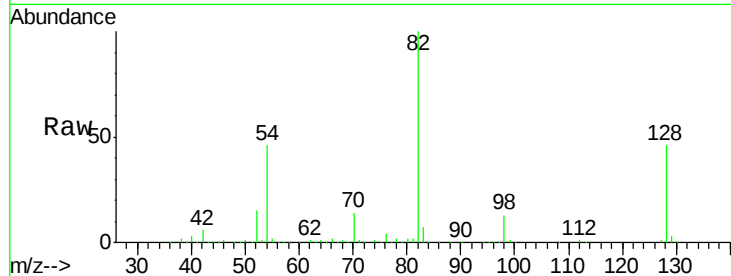




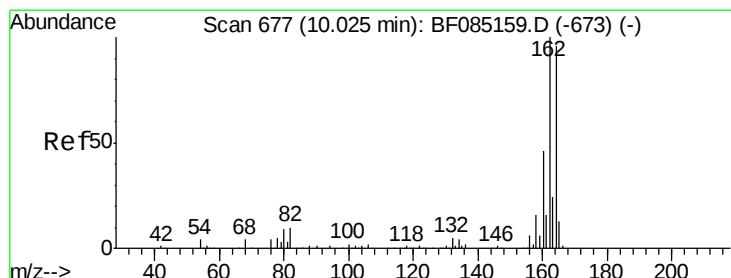
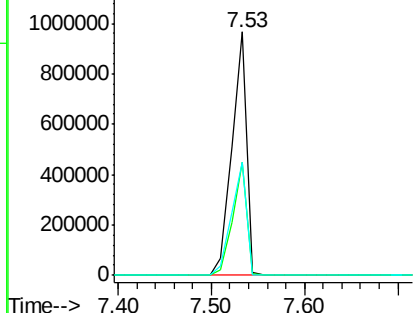
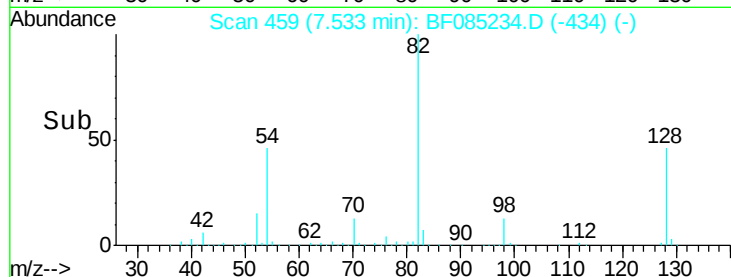
#23
 Nitrobenzene-d5
 Concen: 78.20 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(9-11)

Tot Ion: 82 Resp: 1070470
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.5 51.7
 54 46.5 39.3 58.9

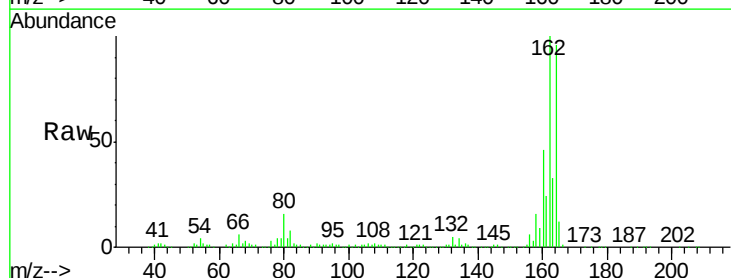


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

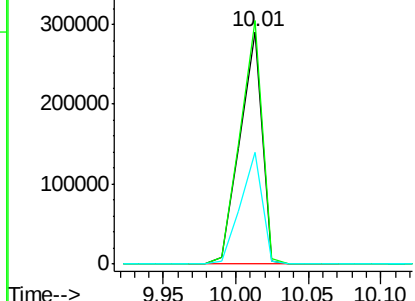
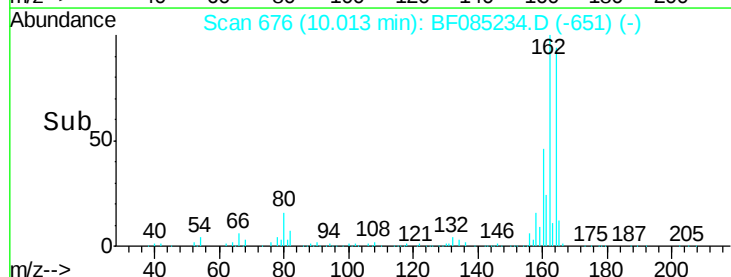


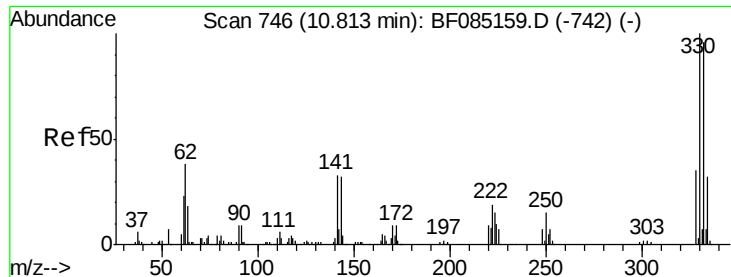
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

Tgt Ion:164 Resp: 310425
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.3 124.9
 160 47.8 37.9 56.9



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

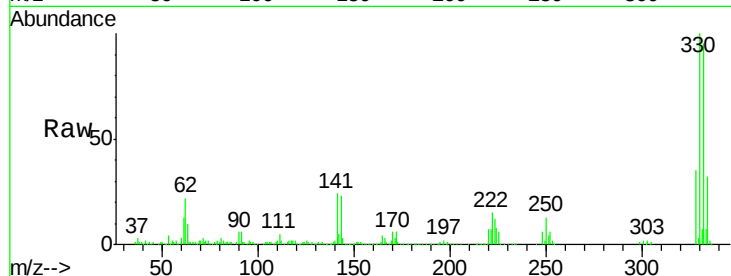




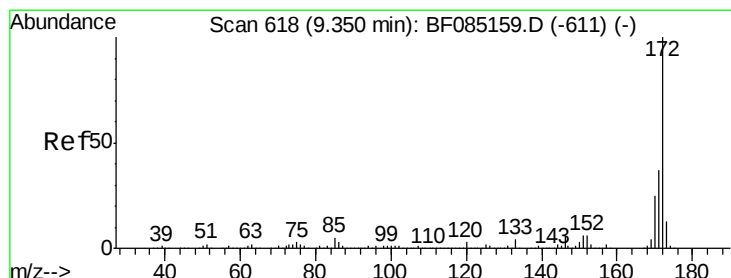
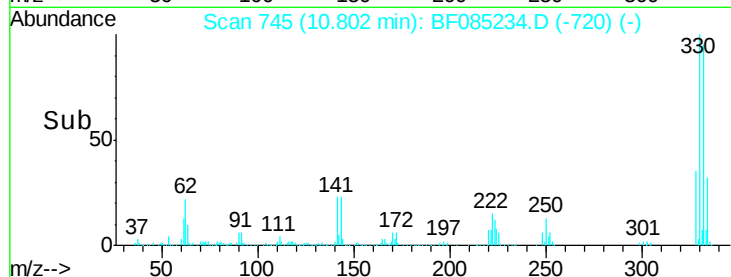
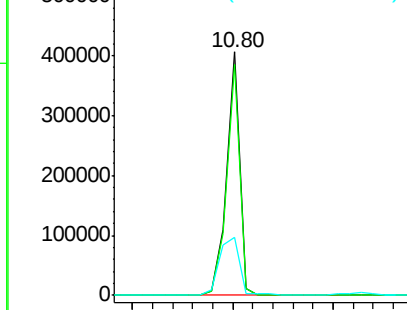
#41
 2,4,6-Tribromophenol
 Concen: 138.38 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

Instrument :
 BNA_F
 ClientSampled :
 SB-45(9-11)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	36.0	35.0	52.6

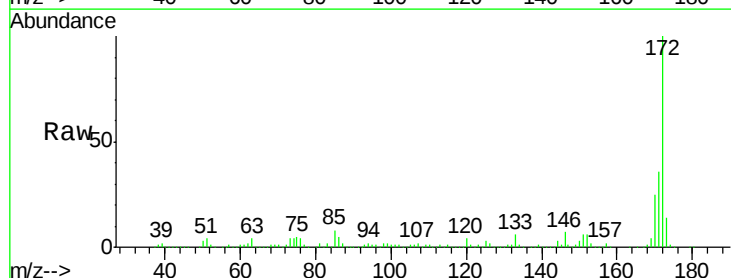


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

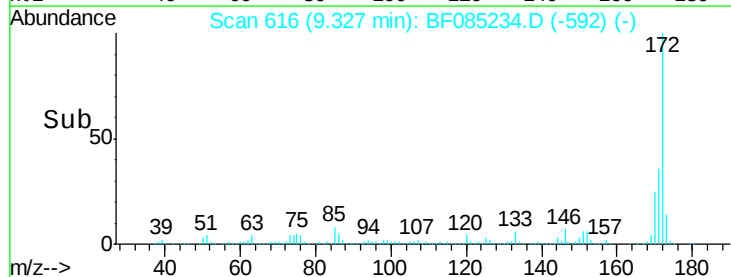
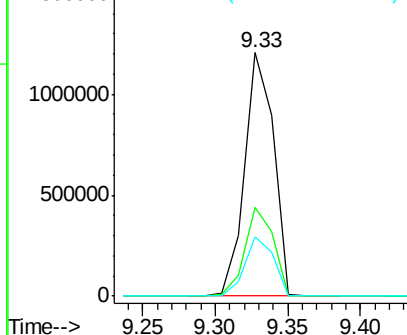


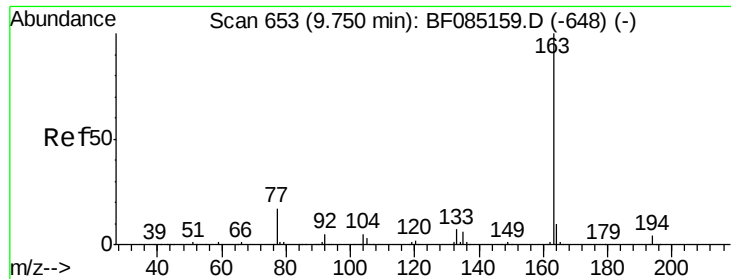
#44
 2-Fluorobiphenyl
 Concen: 81.71 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085234.D
 Acq: 5 Mar 2016 5:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.6	20.0	30.0



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

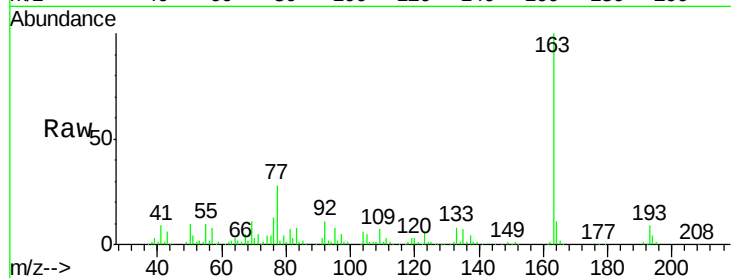




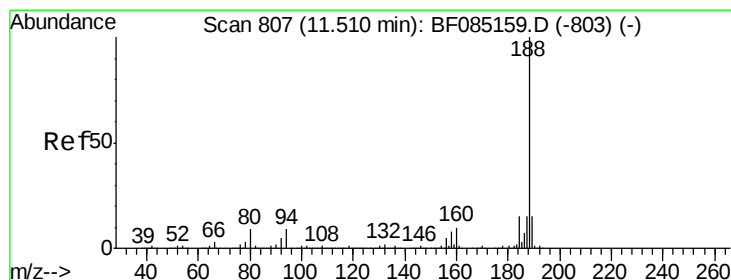
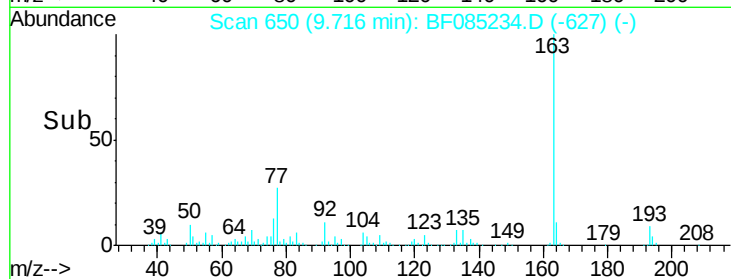
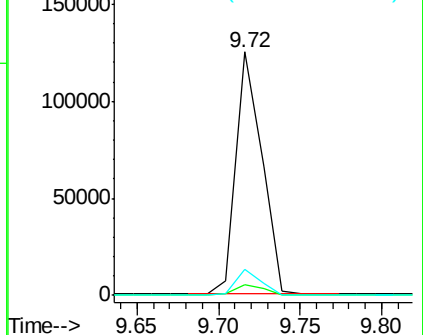
#49
Dimethylphthalate
Concen: 5.75 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085234.D
Acq: 5 Mar 2016 5:53

Instrument :
BNA_F
ClientSampleId :
SB-45(9-11)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.9	8.2	12.4

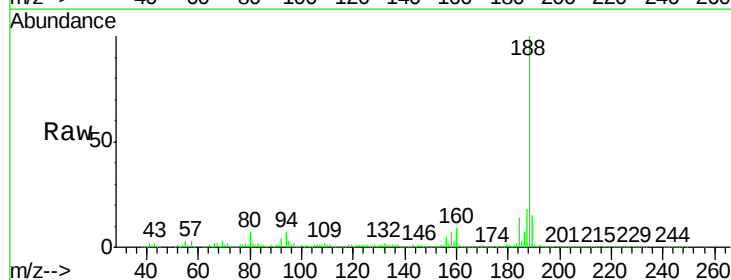


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

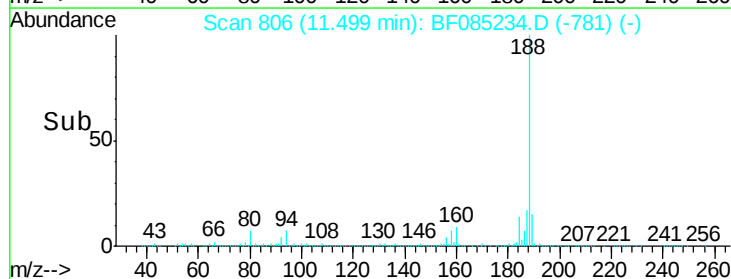
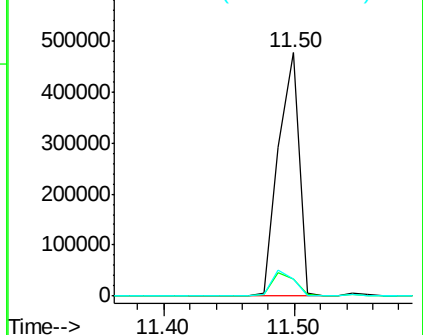


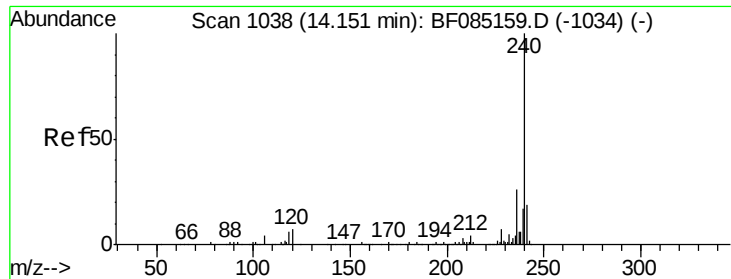
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085234.D
Acq: 5 Mar 2016 5:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.0	10.6#
80	7.0	7.4	11.0#



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

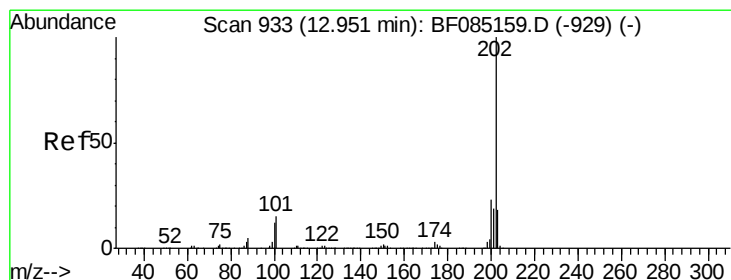
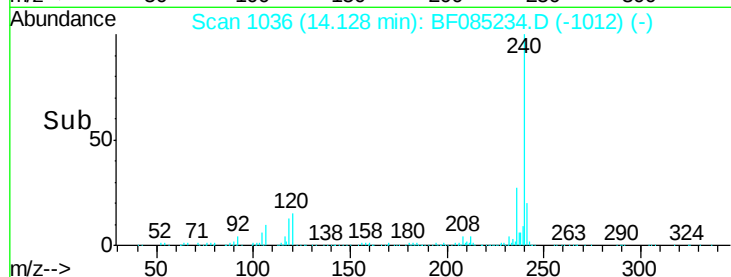
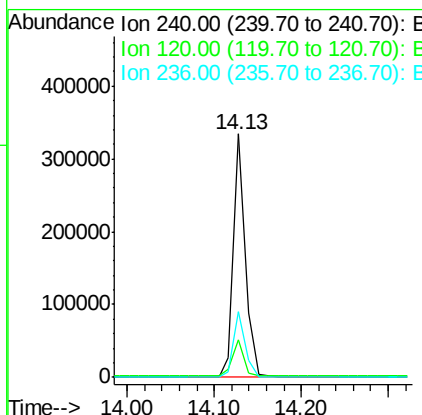
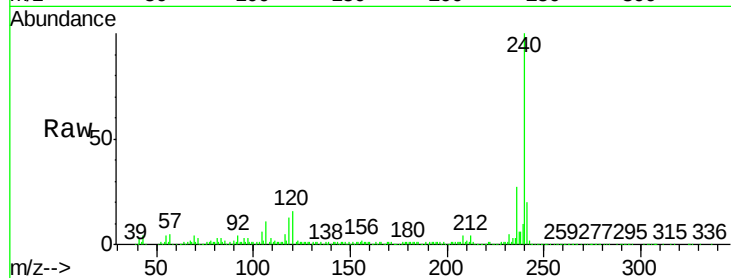




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085234.D
Acq: 5 Mar 2016 5:53

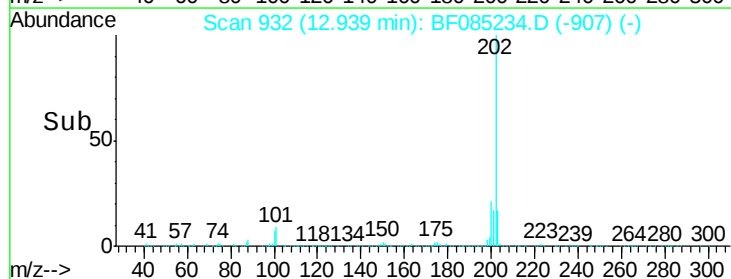
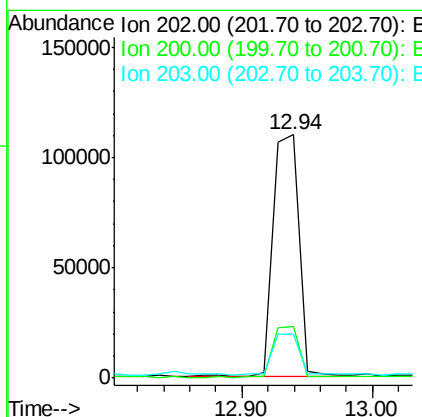
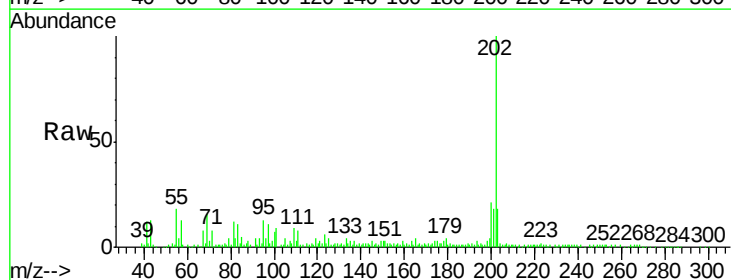
Instrument :
BNA_F
ClientSampleId :
SB-45(9-11)

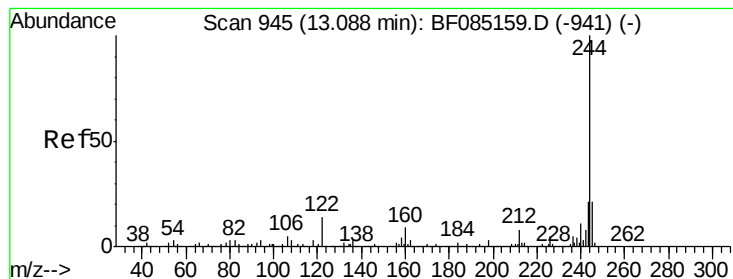
Tot Ion:240 Resp: 313210
Ion Ratio Lower Upper
240 100
120 15.7 5.3 7.9#
236 26.9 20.7 31.1



#77
Pyrene
Concen: 6.47 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085234.D
Acq: 5 Mar 2016 5:53

Tgt Ion:202 Resp: 152465
Ion Ratio Lower Upper
202 100
200 21.2 18.2 27.4
203 17.9 14.7 22.1





#78

Terphenyl-d14

Concen: 101.51 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

Instrument :

BNA_F

ClientSampleId :

SB-45(9-11)

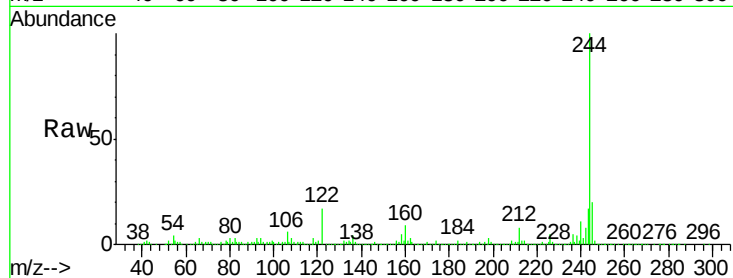
Tot Ion:244 Resp: 1369602

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

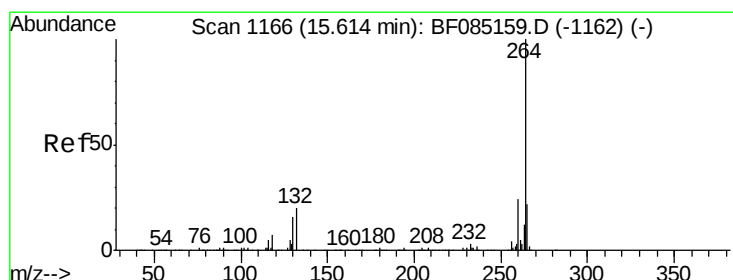
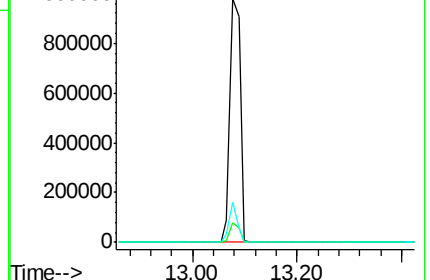
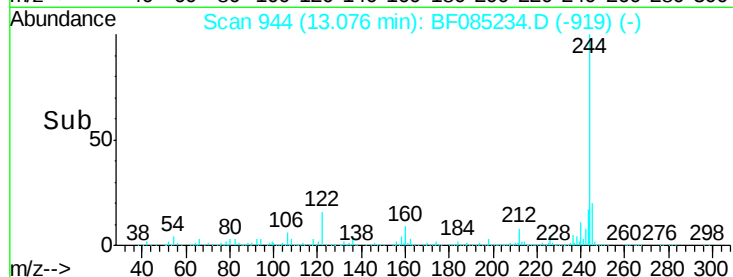
122 16.6 11.4 17.2



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: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085234.D

Acq: 5 Mar 2016 5:53

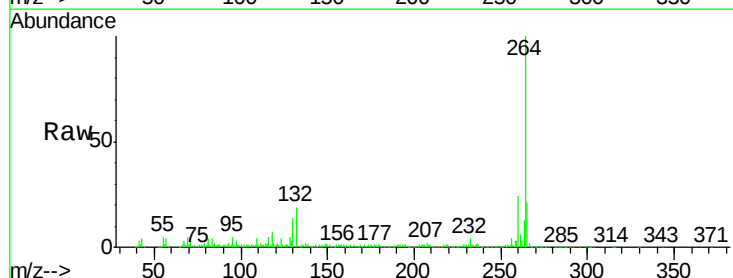
Tgt Ion:264 Resp: 284478

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 17.3 25.9



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

