

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079083.D
 Acq On : 9 May 2015 14:43
 Operator : TP/IZ
 Sample : G2104-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2015-04-30

Quant Time: May 11 01:03:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 00:37:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	72419	20.00	ng	-0.01
21) Naphthalene-d8	8.89	136	294689	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	145148	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	281066	20.00	ng	0.00
75) Chrysene-d12	16.23	240	256580	20.00	ng	0.01
86) Perylene-d12	18.02	264	248253	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	249006	59.19	ng	0.00
7) Phenol-d6	6.87	99	193078	34.72	ng	-0.01
23) Nitrobenzene-d5	8.01	82	499612	97.44	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	244343	155.61	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	956426	91.80	ng	0.00
78) Terphenyl-d14	14.91	244	1134625	105.87	ng	0.00

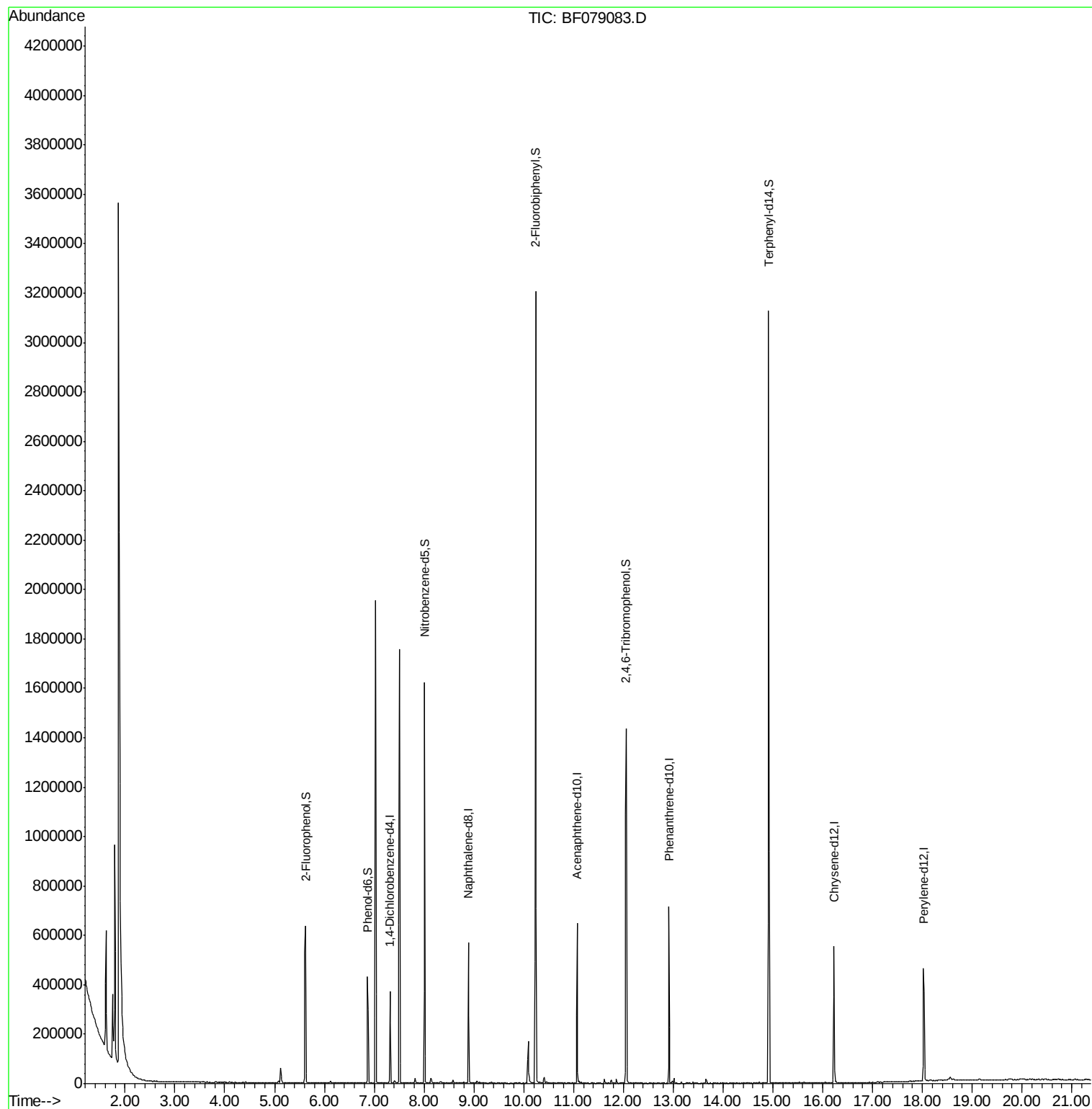
Target Compounds	Qvalue
------------------	--------

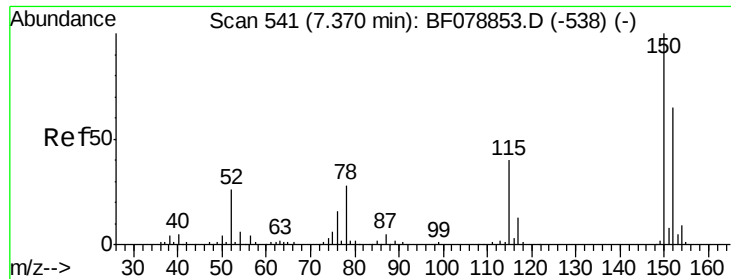
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079083.D
Acq On : 9 May 2015 14:43
Operator : TP/IZ
Sample : G2104-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2015-04-30

Quant Time: May 11 01:03:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 00:37:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF079083.D

Acq: 9 May 2015 14:43

Instrument :

BNA_F

ClientSampleId :

EB-2015-04-30

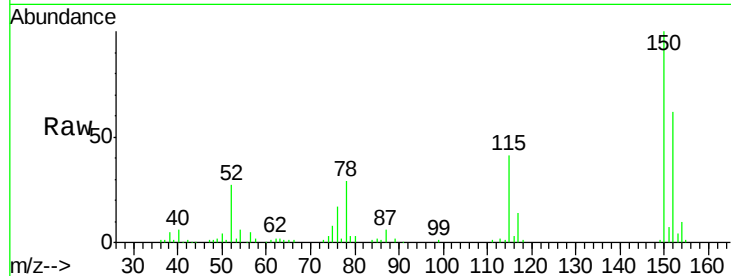
Tgt Ion:152 Resp: 72419

Ion Ratio Lower Upper

152 100

150 161.8 122.0 183.0

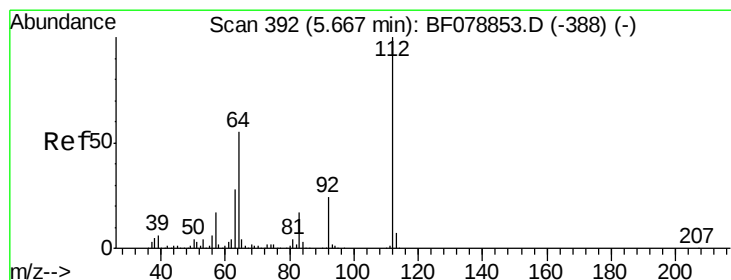
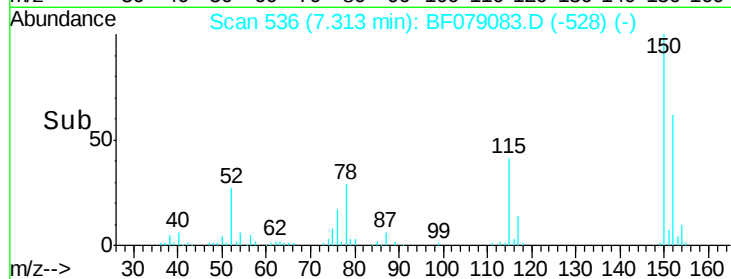
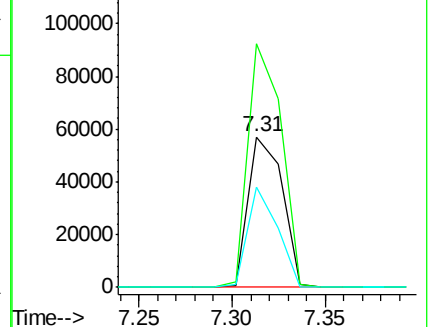
115 66.6 46.3 69.5



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: 59.19 ng

RT: 5.62 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF079083.D

Acq: 9 May 2015 14:43

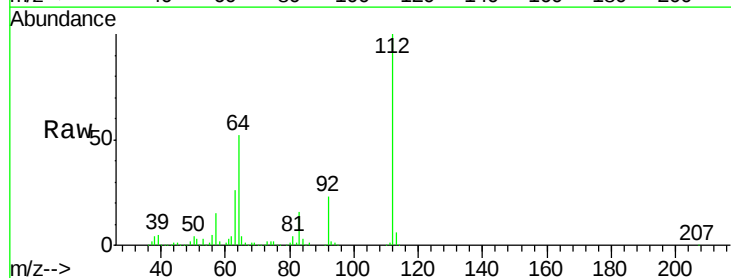
Tgt Ion:112 Resp: 249006

Ion Ratio Lower Upper

112 100

64 51.7 53.5 80.3#

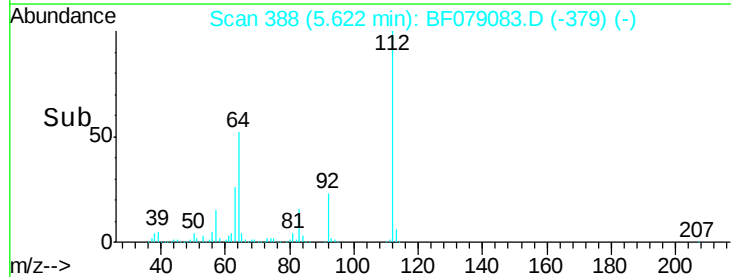
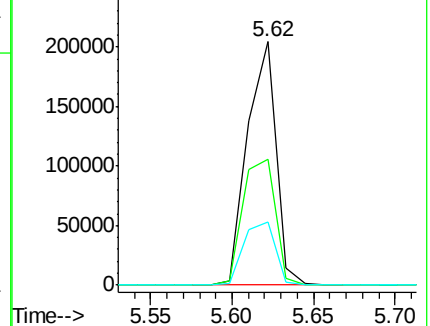
63 25.8 27.5 41.3#

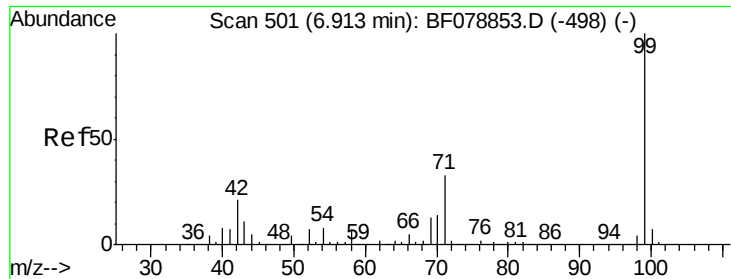


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.72 ng

RT: 6.87 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF079083.D

Acq: 9 May 2015 14:43

Instrument :

BNA_F

ClientSampleId :

EB-2015-04-30

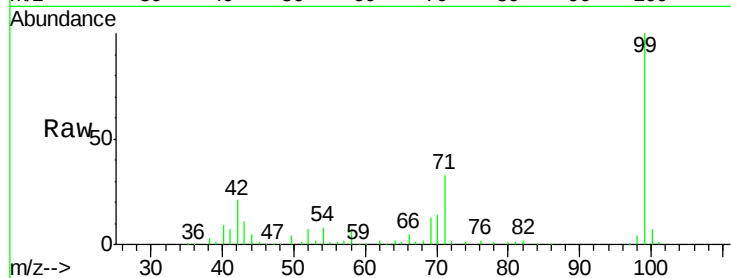
Tgt Ion: 99 Resp: 193078

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

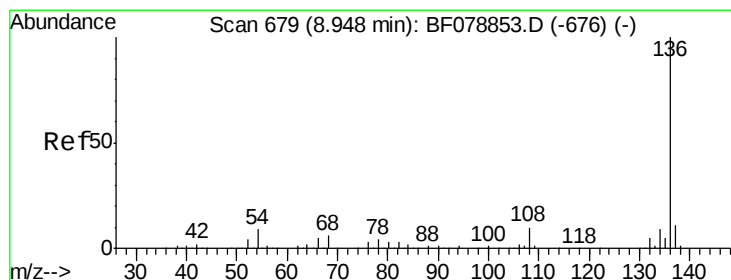
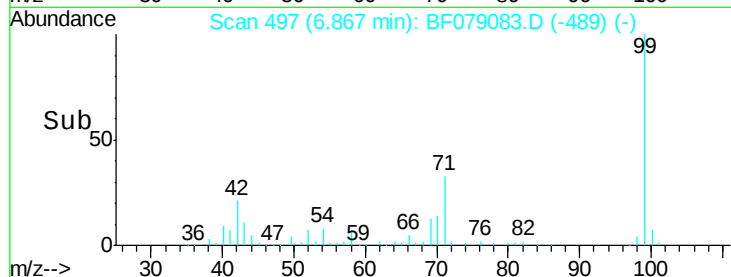
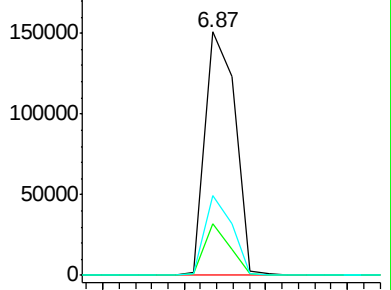
71 33.0 23.4 35.2



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: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079083.D

Acq: 9 May 2015 14:43

Tgt Ion: 136 Resp: 294689

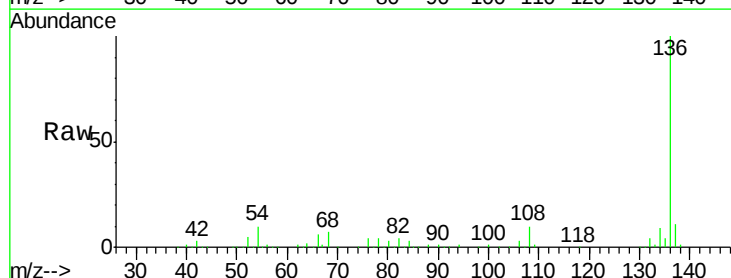
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.5 5.8 8.8#

68 6.8 4.2 6.4#

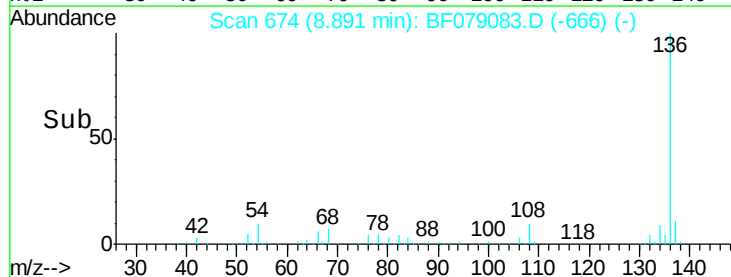
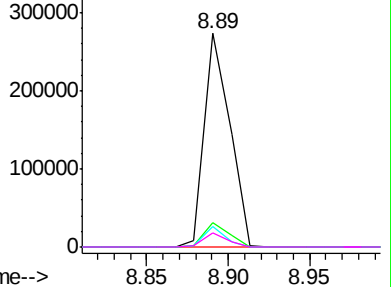


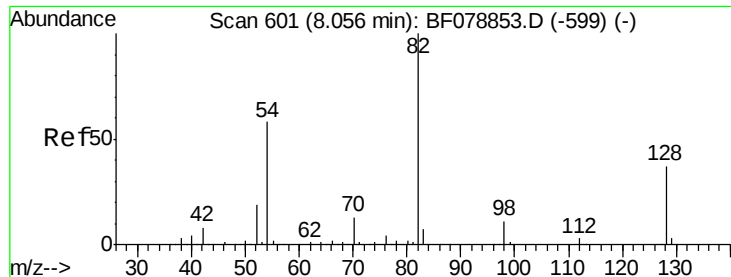
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.44 ng

RT: 8.01 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF079083.D

Acq: 9 May 2015 14:43

Instrument :

BNA_F

ClientSampleId :

EB-2015-04-30

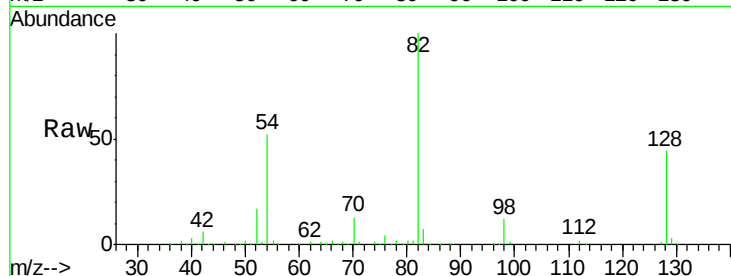
Tgt Ion: 82 Resp: 499612

Ion Ratio Lower Upper

82 100

128 44.4 30.0 45.0

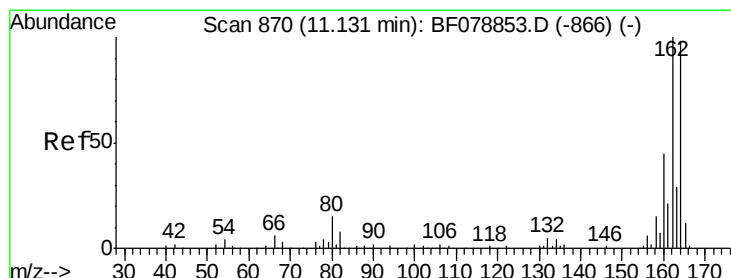
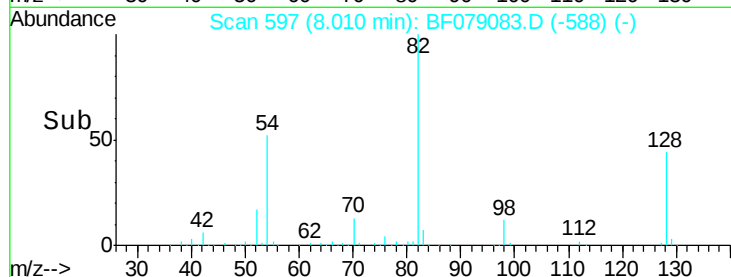
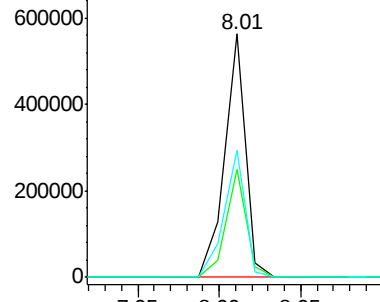
54 52.1 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF079083.D (-597) (-)

Ion 128.00 (127.70 to 128.70): BF079083.D (-597) (-)

Ion 54.00 (53.70 to 54.70): BF079083.D (-597) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF079083.D

Acq: 9 May 2015 14:43

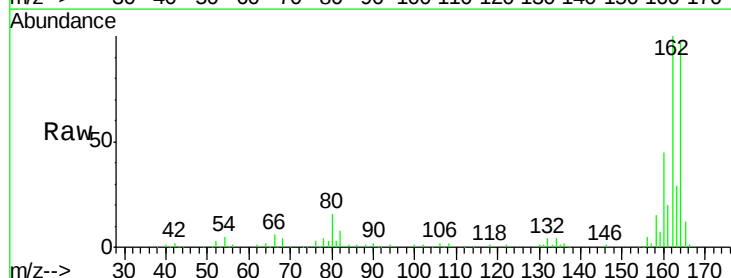
Tgt Ion: 164 Resp: 145148

Ion Ratio Lower Upper

164 100

162 103.0 82.7 124.1

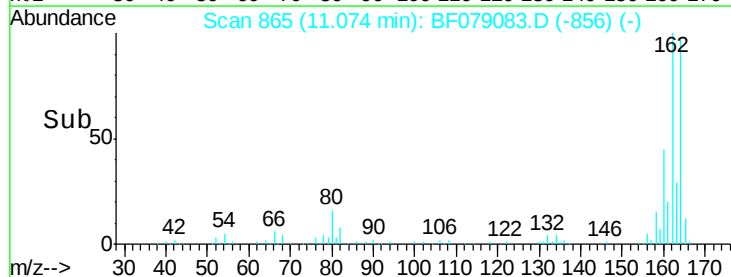
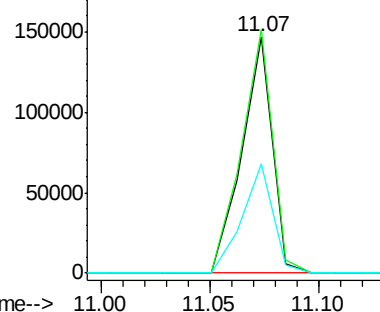
160 46.3 35.8 53.8

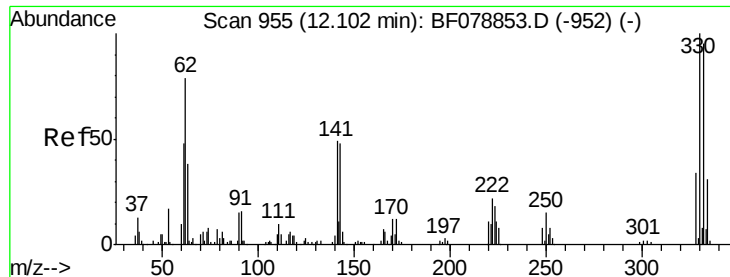


Abundance Ion 164.00 (163.70 to 164.70): BF079083.D (-865) (-)

Ion 162.00 (161.70 to 162.70): BF079083.D (-865) (-)

Ion 160.00 (159.70 to 160.70): BF079083.D (-865) (-)

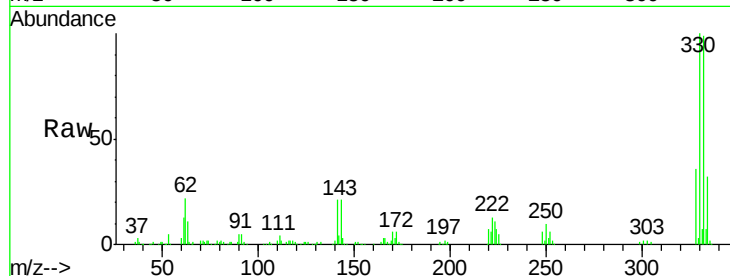




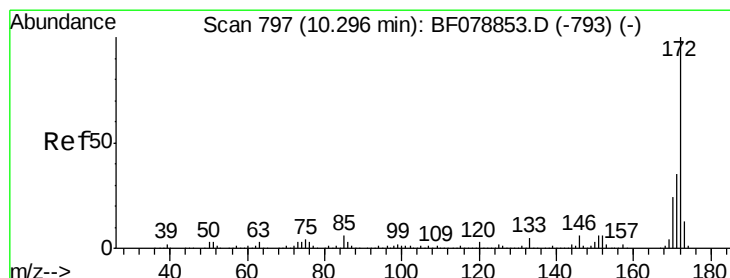
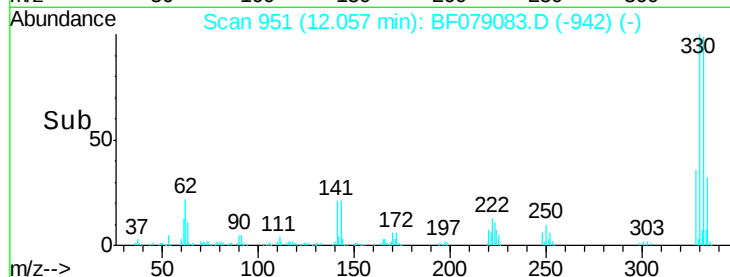
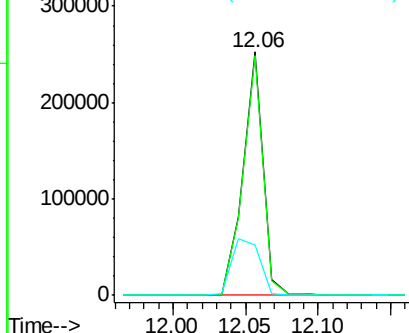
#41
 2,4,6-Tribromophenol
 Concen: 155.61 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079083.D
 Acq: 9 May 2015 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EB-2015-04-30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	32.7	0.0	0.0#

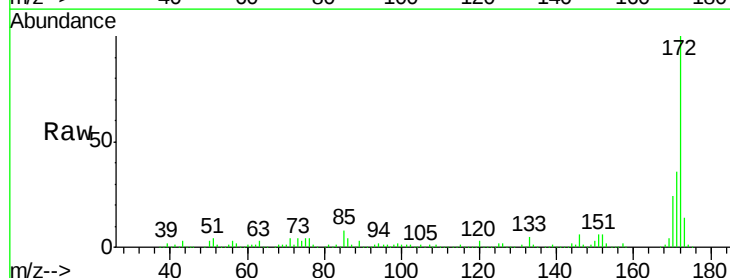


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

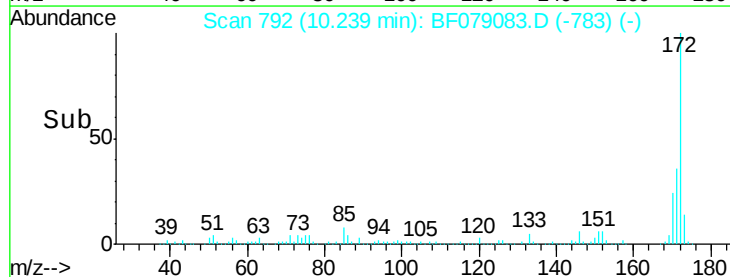
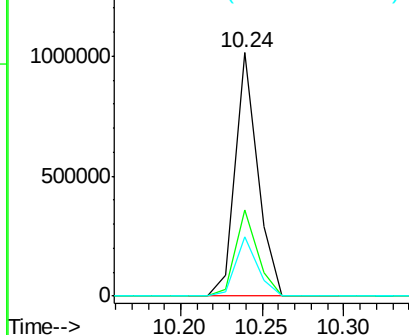


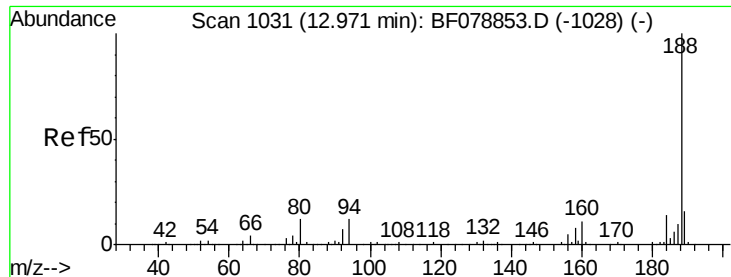
#44
 2-Fluorobiphenyl
 Concen: 91.80 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079083.D
 Acq: 9 May 2015 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.2	19.4	29.0



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

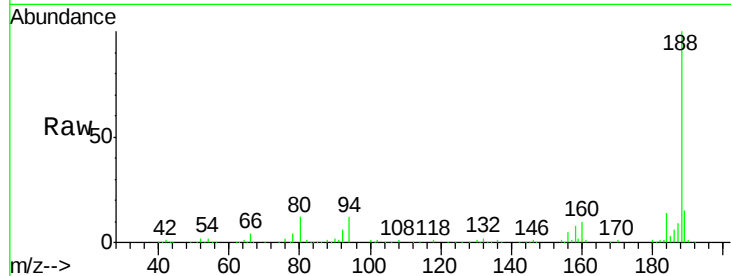




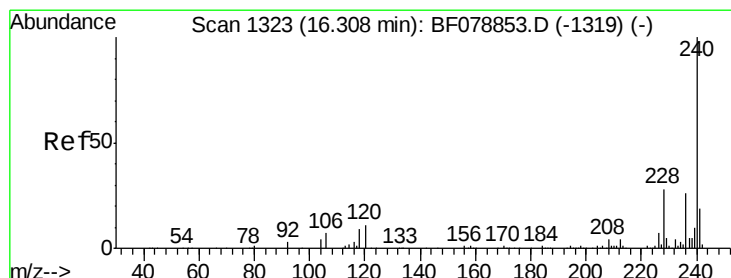
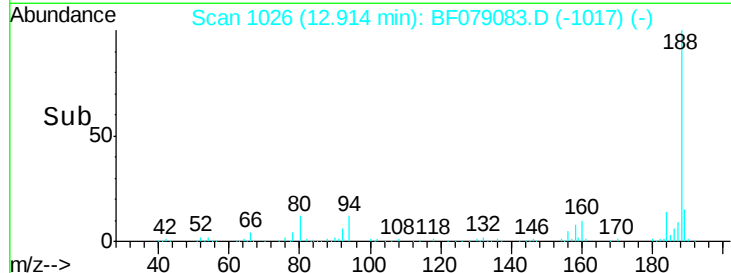
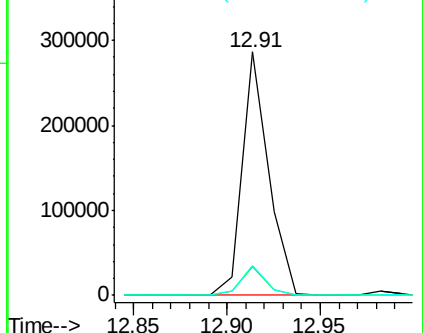
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079083.D
Acq: 9 May 2015 14:43

Instrument :
BNA_F
ClientSampleId :
EB-2015-04-30

Tgt Ion:188 Resp: 281066
Ion Ratio Lower Upper
188 100
94 11.6 8.2 12.2
80 12.2 8.9 13.3

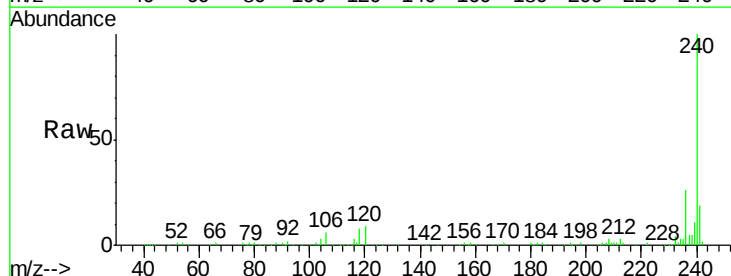


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

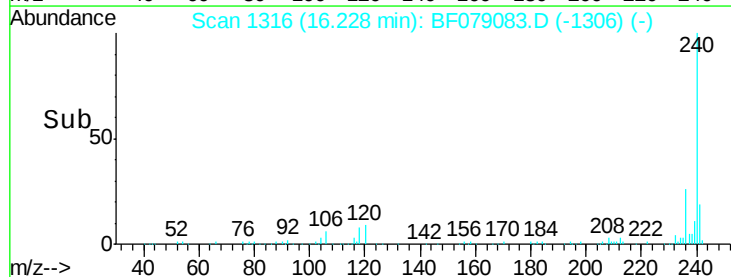
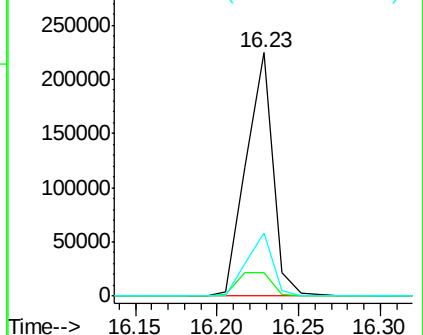


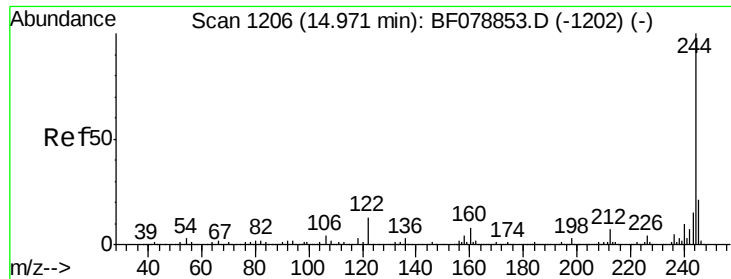
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF079083.D
Acq: 9 May 2015 14:43

Tgt Ion:240 Resp: 256580
Ion Ratio Lower Upper
240 100
120 9.5 9.7 14.5#
236 25.9 20.2 30.4



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

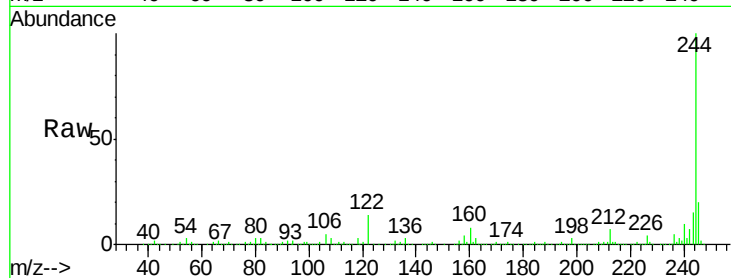




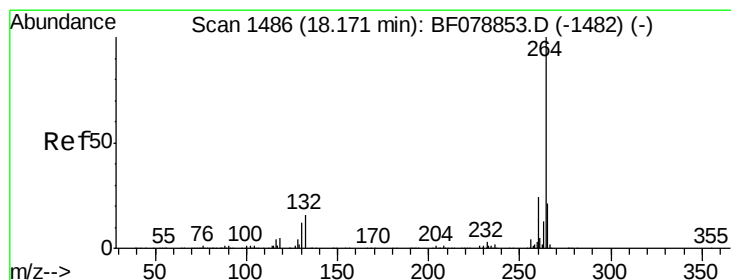
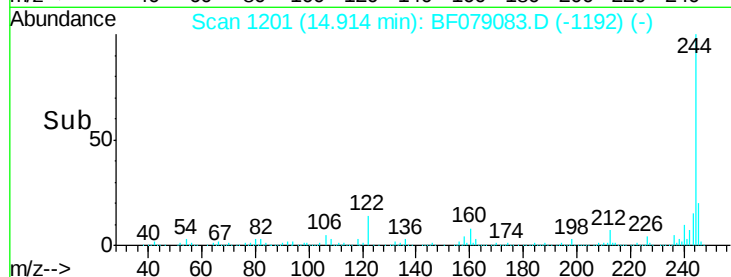
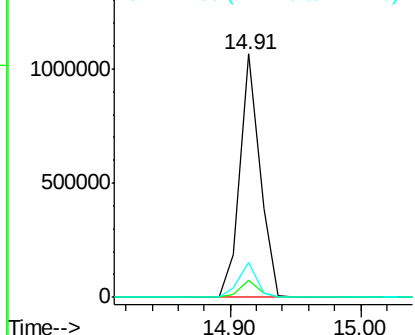
#78
 Terphenyl-d14
 Concen: 105.87 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079083.D
 Acq: 9 May 2015 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EB-2015-04-30

Tgt Ion:244 Resp: 1134625
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 14.2 10.3 15.5

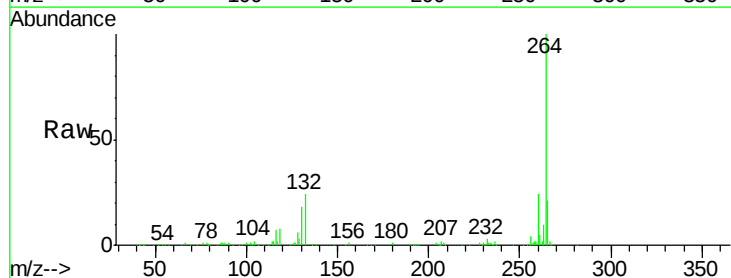


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. 0.09 min
 Lab File: BF079083.D
 Acq: 9 May 2015 14:43

Tgt Ion:264 Resp: 248253
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 20.7 18.3 27.5



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

