

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079182.D
 Acq On : 13 May 2015 4:51
 Operator : TP/IZ
 Sample : G2174-18 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-COMP

Quant Time: May 13 05:34:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 04:45:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	52473	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	216070	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	100555	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	201761	20.00	ng	0.00
75) Chrysene-d12	16.17	240	217381	20.00	ng	0.00
86) Perylene-d12	17.91	264	215667	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	197093	64.66	ng	-0.01
7) Phenol-d6	6.84	99	274001	68.00	ng	0.00
23) Nitrobenzene-d5	7.98	82	147386	39.20	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	69061	63.49	ng	-0.01
44) 2-Fluorobiphenyl	10.20	172	309645	42.90	ng	0.00
78) Terphenyl-d14	14.87	244	354596	39.05	ng	-0.01

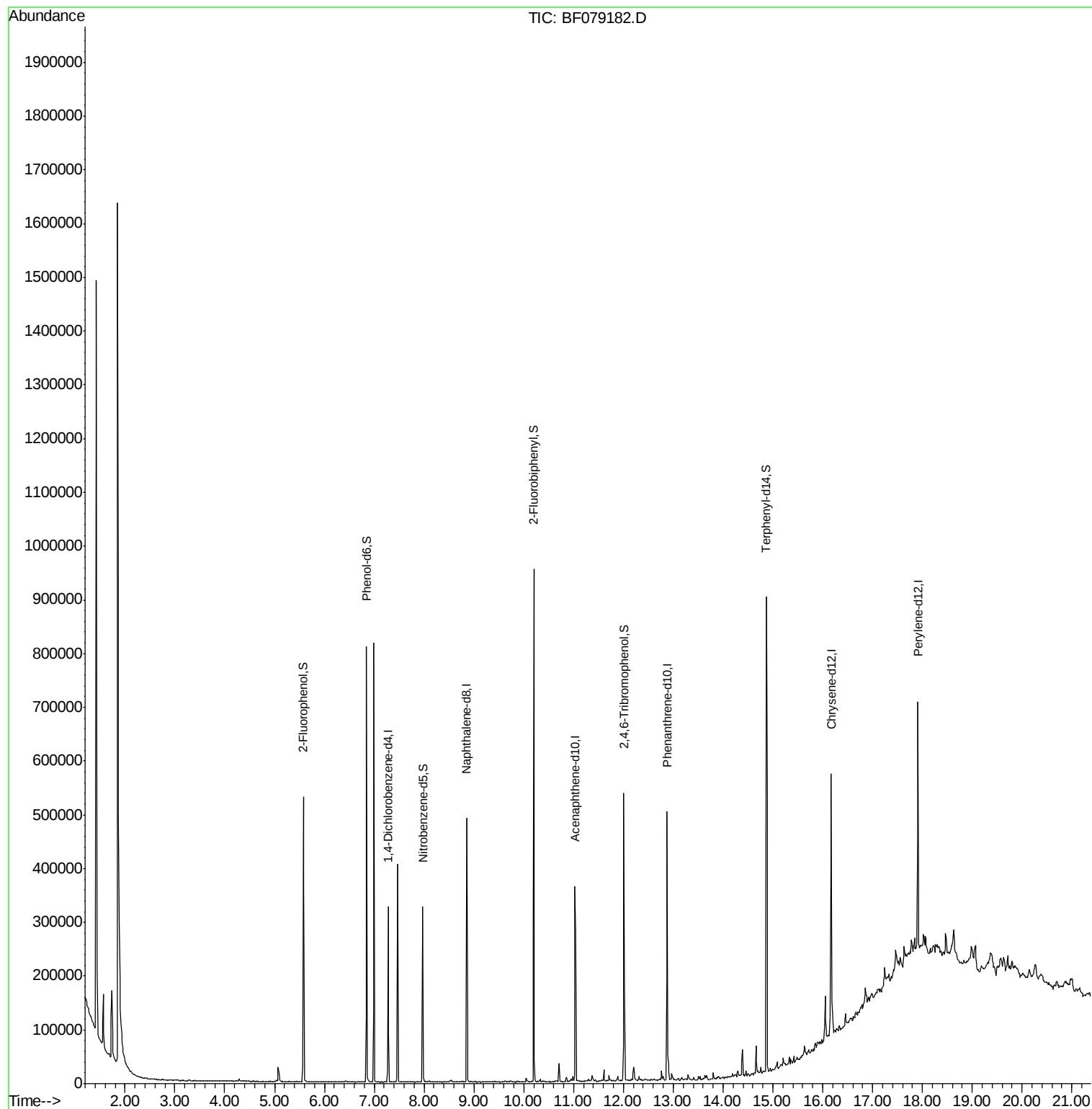
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

Instrument :

BNA_F

ClientSampled :

D-COMP

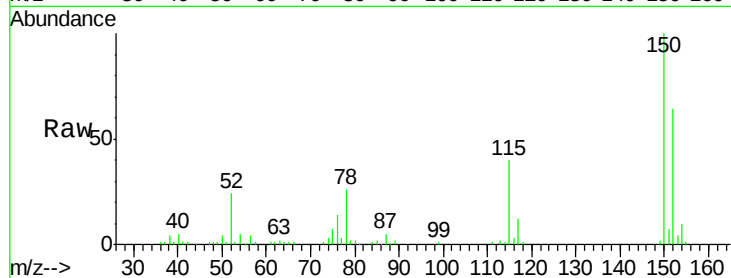
Tot Ion:152 Resp: 52473

Ion Ratio Lower Upper

152 100

150 155.9 122.0 183.0

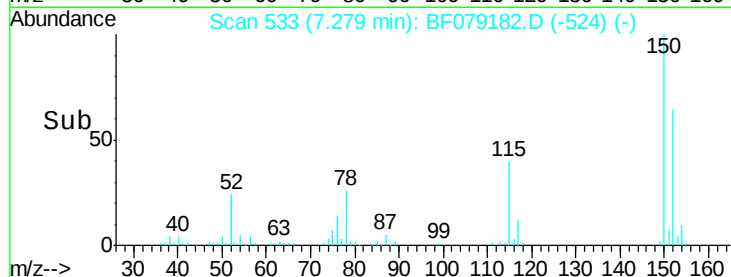
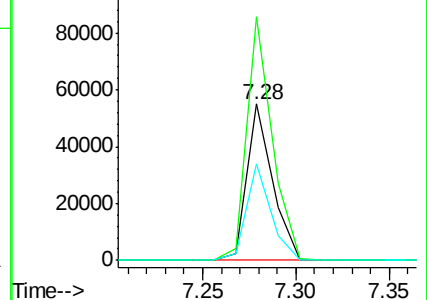
115 61.8 46.3 69.5



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: 64.66 ng

RT: 5.58 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

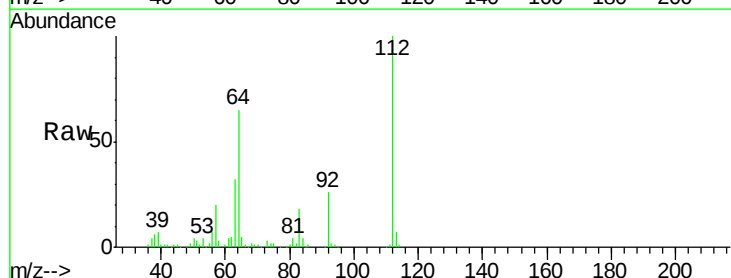
Tgt Ion:112 Resp: 197093

Ion Ratio Lower Upper

112 100

64 64.7 53.5 80.3

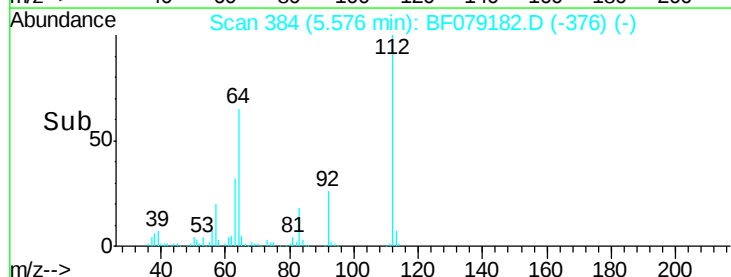
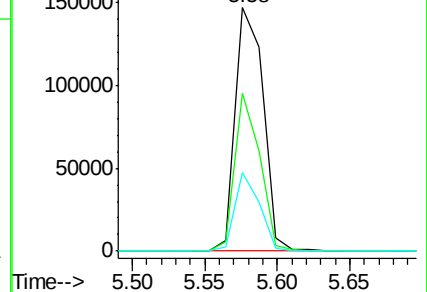
63 32.0 27.5 41.3



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: 68.00 ng

RT: 6.84 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

Instrument :

BNA_F

ClientSampleId :

D-COMP

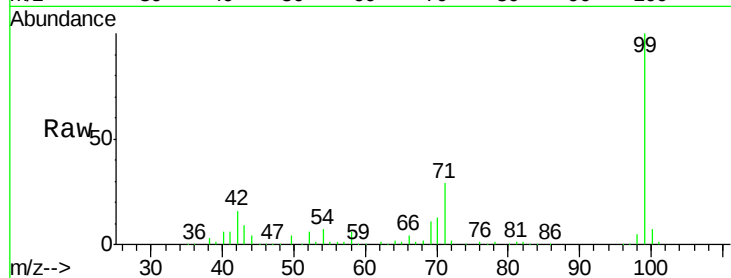
Tot Ion: 99 Resp: 274001

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

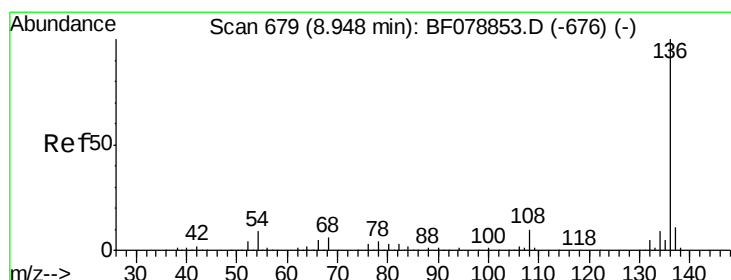
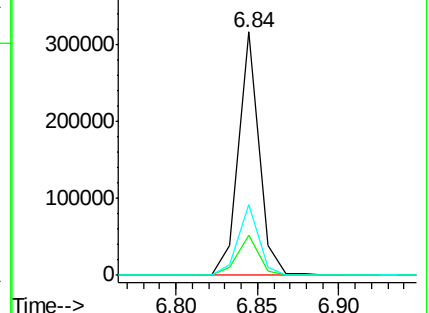
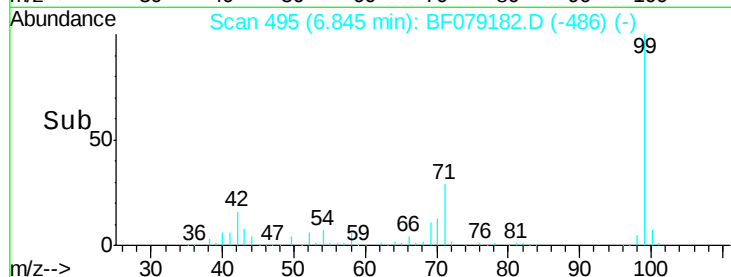
71 29.1 23.4 35.2



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: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

Tgt Ion: 136 Resp: 216070

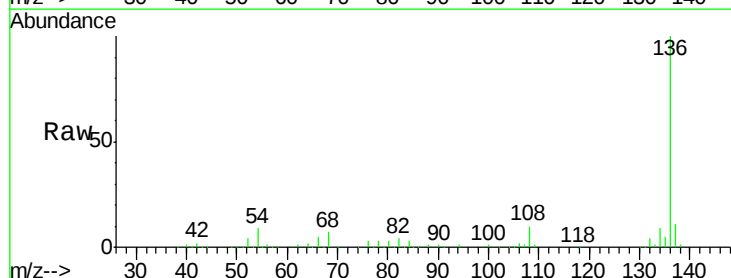
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 5.8 8.8

68 6.7 4.2 6.4#

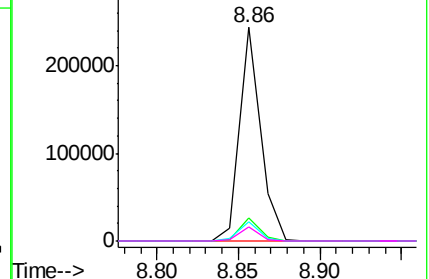
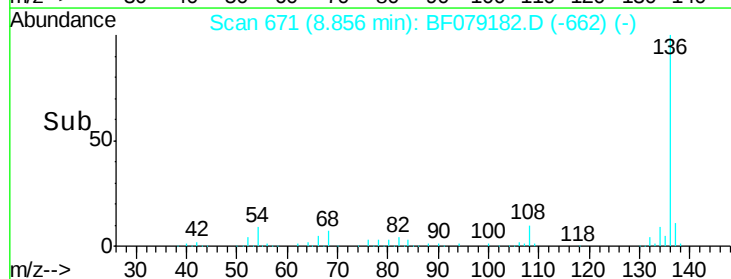


Abundance Ion 136.00 (135.70 to 136.70): E

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

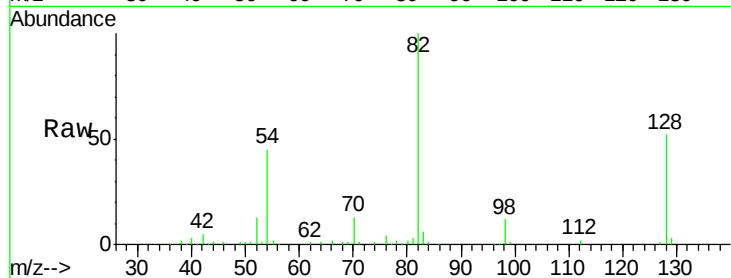




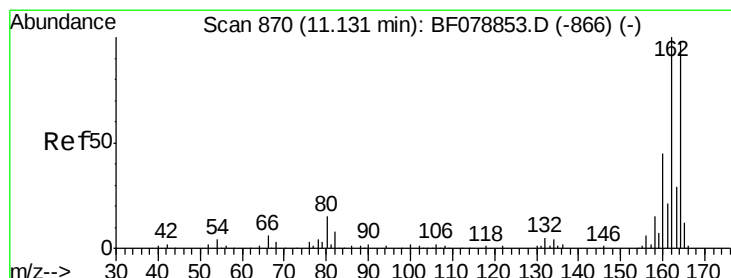
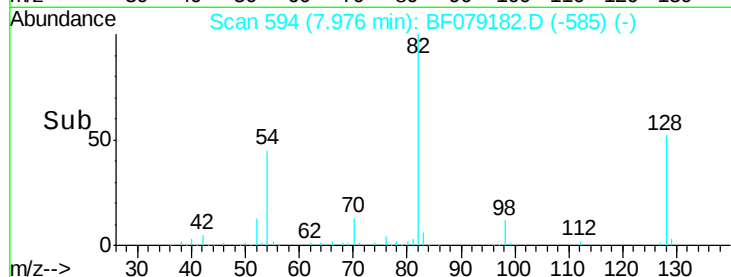
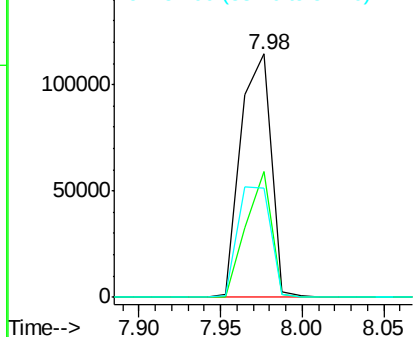
#23
 Nitrobenzene-d5
 Concen: 39.20 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079182.D
 Acq: 13 May 2015 4:51

Instrument :
 BNA_F
 ClientSampleId :
 D-COMP

Tot Ion: 82 Resp: 147386
 Ion Ratio Lower Upper
 82 100
 128 51.8 30.0 45.0#
 54 44.8 46.4 69.6#

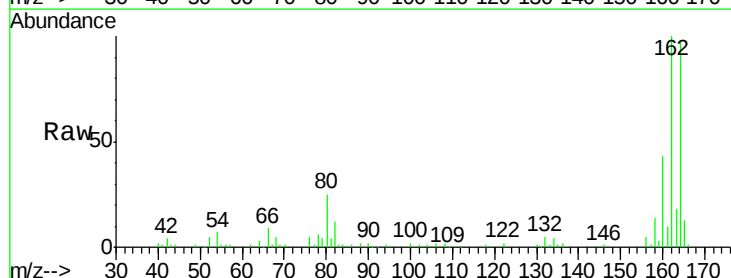


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

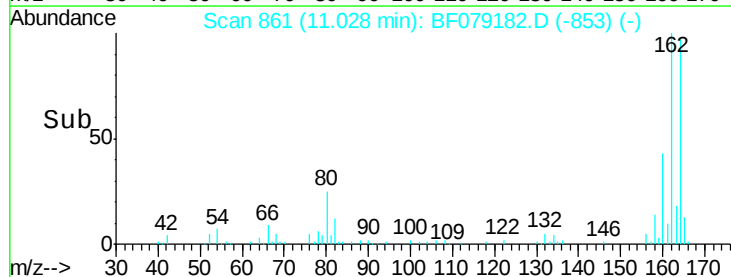
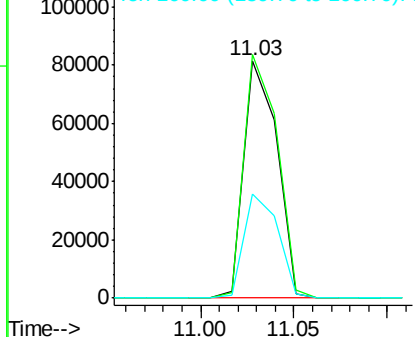


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF079182.D
 Acq: 13 May 2015 4:51

Tgt Ion:164 Resp: 100555
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.7 124.1
 160 43.8 35.8 53.8



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

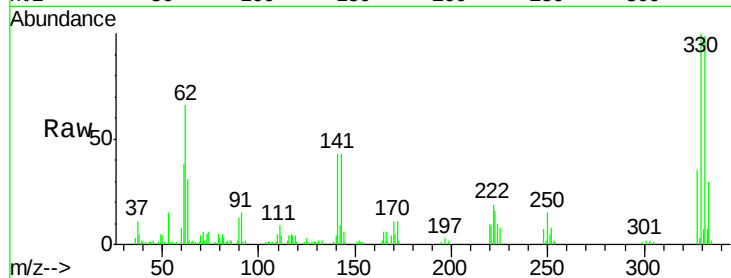




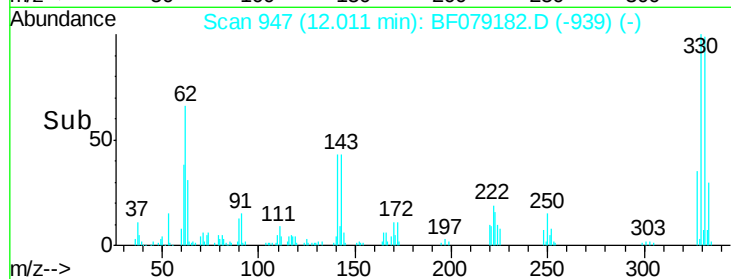
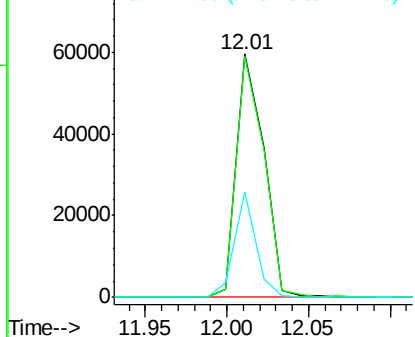
#41
 2,4,6-Tribromophenol
 Concen: 63.49 ng
 RT: 12.01 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF079182.D
 Acq: 13 May 2015 4:51

Instrument :
 BNA_F
 ClientSampleId :
 D-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	34.3	0.0	0.0#

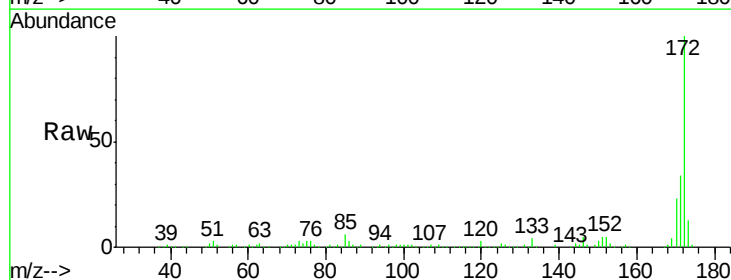


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

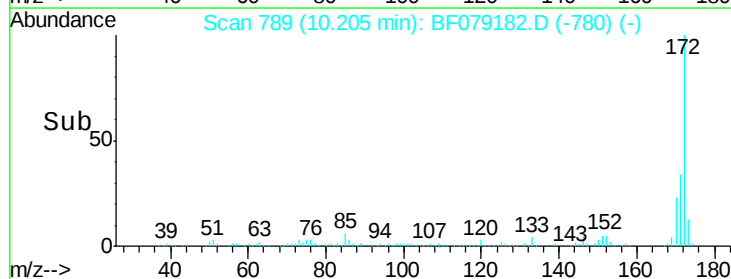
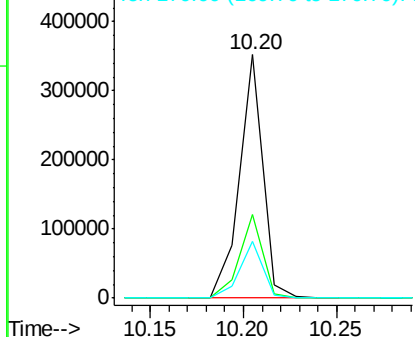


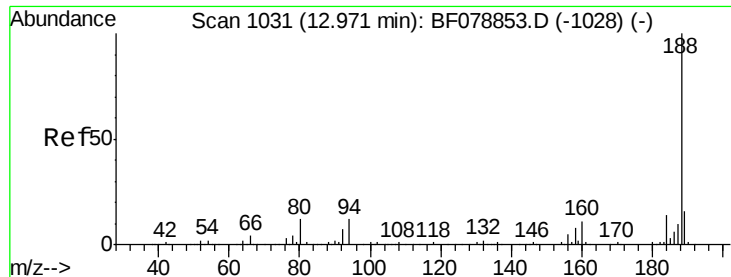
#44
 2-Fluorobiphenyl
 Concen: 42.90 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF079182.D
 Acq: 13 May 2015 4:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	23.2	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

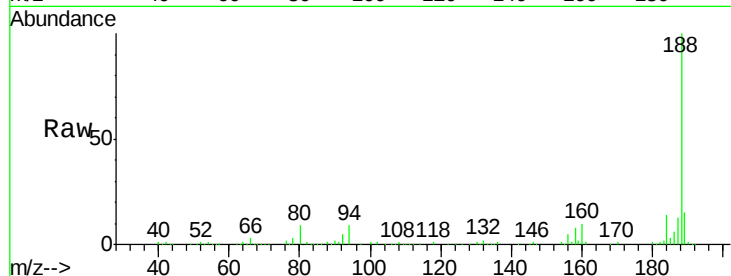




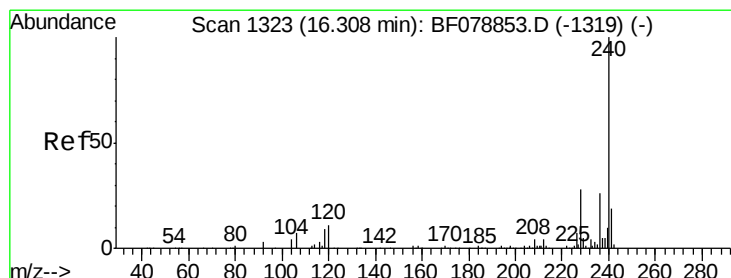
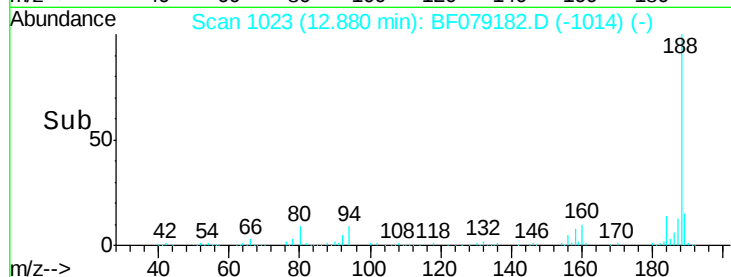
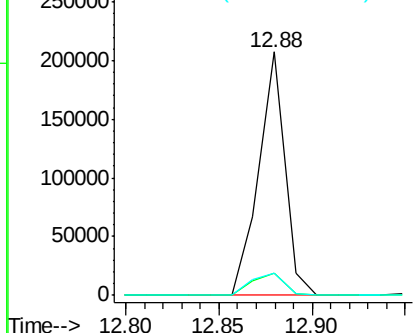
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079182.D
Acq: 13 May 2015 4:51

Instrument :
BNA_F
ClientSampled :
D-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.3	8.9	13.3

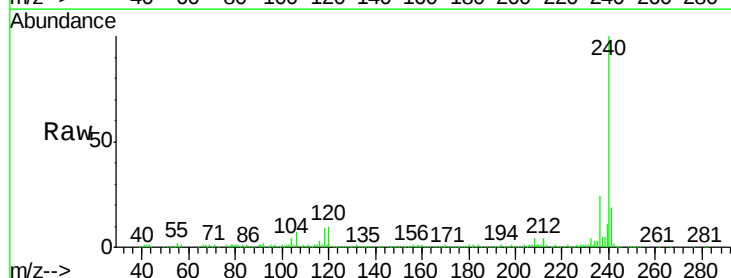


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

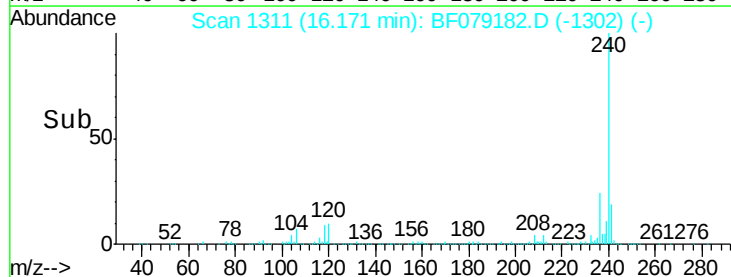
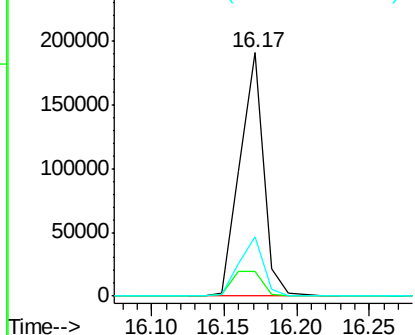


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF079182.D
Acq: 13 May 2015 4:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.7	14.5
236	24.4	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: 39.05 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

Instrument :

BNA_F

ClientSampleId :

D-COMP

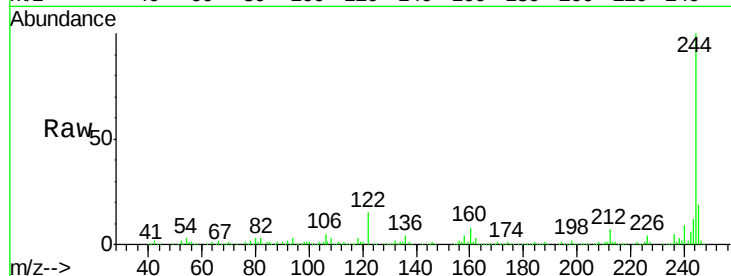
Tot Ion:244 Resp: 354596

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

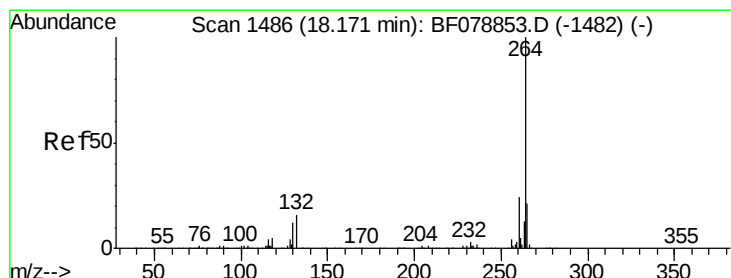
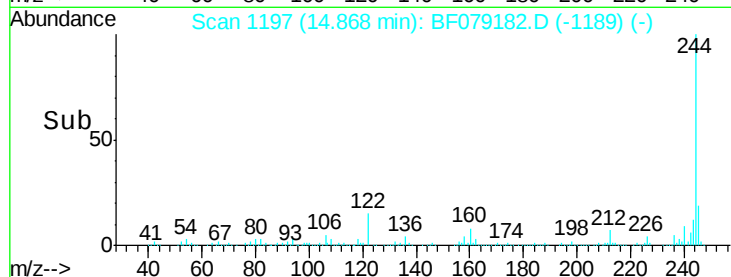
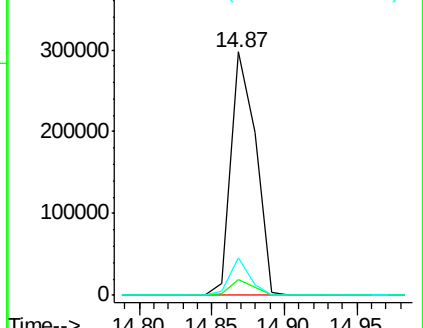
122 15.2 10.3 15.5



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: 17.91 min Scan# 1463

Delta R.T. 0.03 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

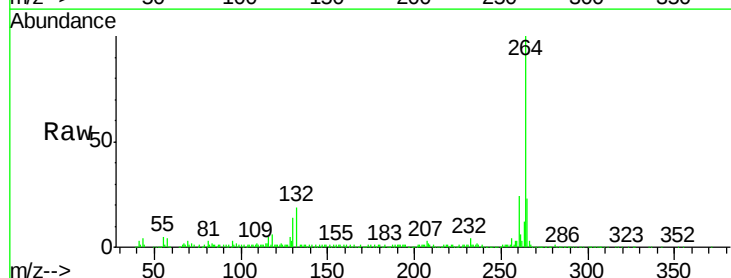
Tgt Ion:264 Resp: 215667

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.6 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

