

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079229.D
 Acq On : 14 May 2015 9:10
 Operator : TP/IZ
 Sample : G2176-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 15:37:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 15:23:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	63673	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	258486	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	116407	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	219025	20.00	ng	-0.01
75) Chrysene-d12	16.15	240	227640	20.00	ng	0.02
86) Perylene-d12	18.01	264	241425	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	438560	118.56	ng	0.00
7) Phenol-d6	6.80	99	518319	106.01	ng	0.00
23) Nitrobenzene-d5	7.93	82	352365	78.35	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	163452	129.80	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	667352	79.87	ng	0.00
78) Terphenyl-d14	14.82	244	755412	79.45	ng	0.00

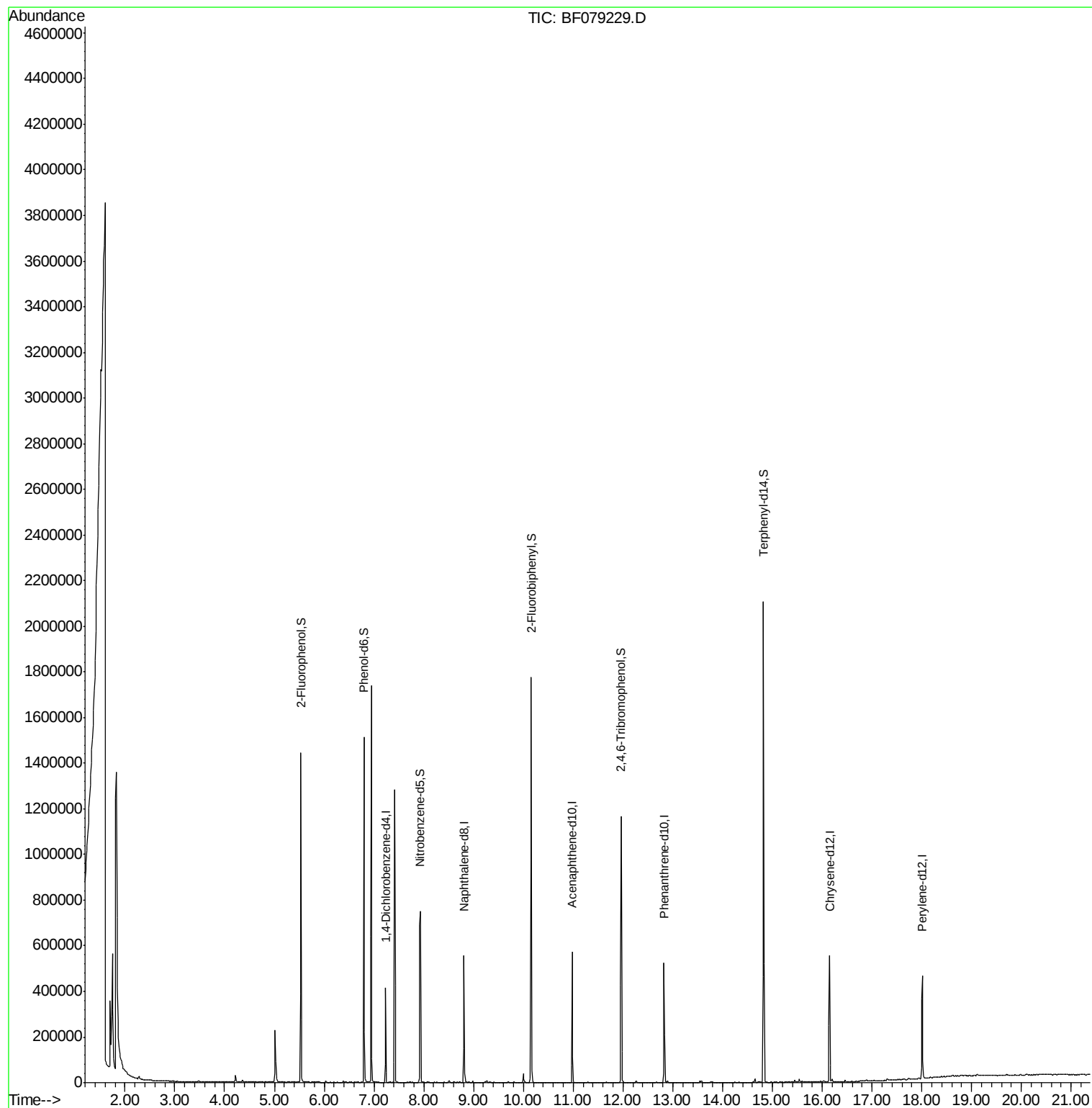
Target Compounds Qvalue

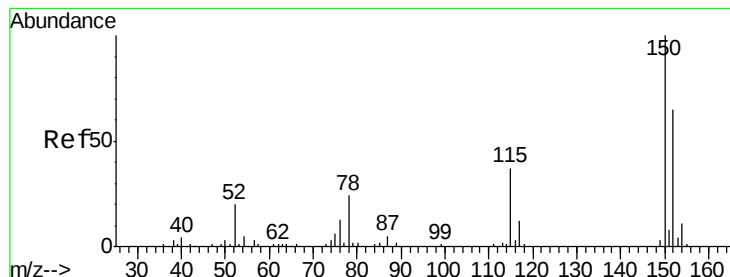
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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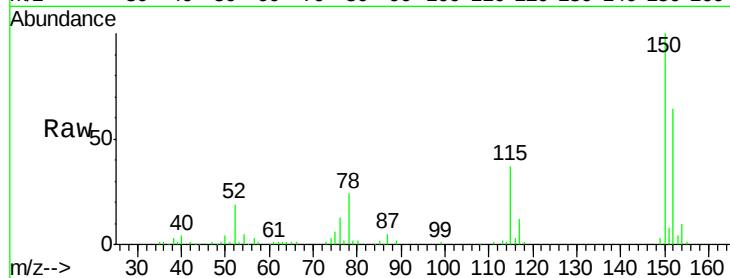




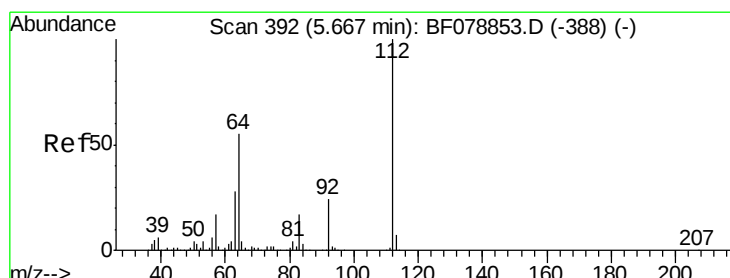
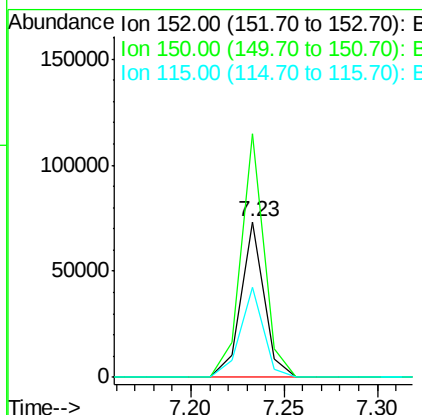
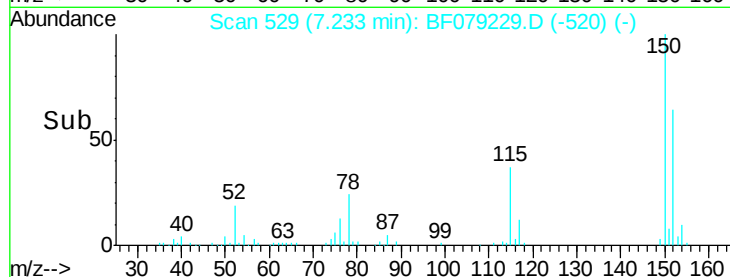
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079229.D
 Acq: 14 May 2015 9:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.0	183.0
115	58.3	46.3	69.5

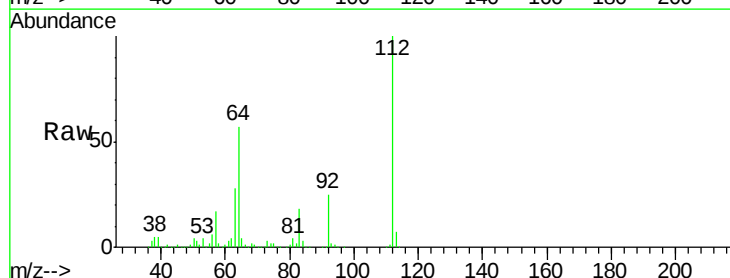


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

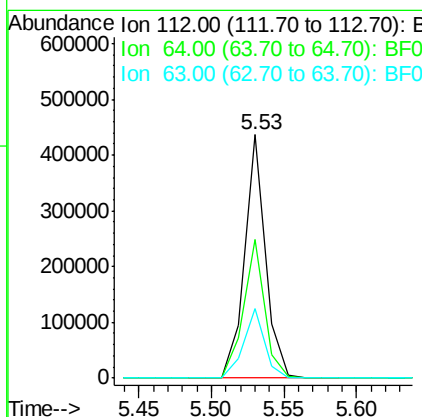
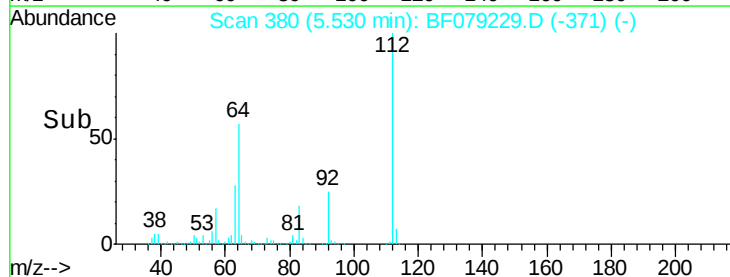


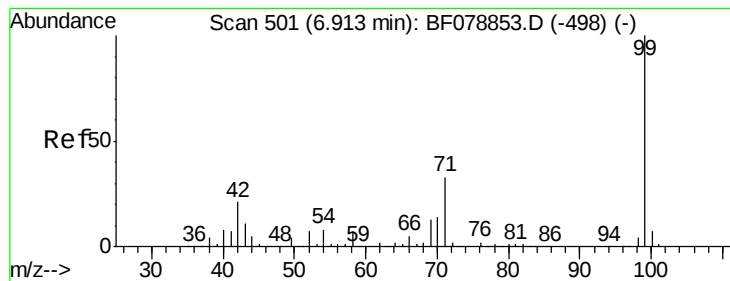
#5
 2-Fluorophenol
 Concen: 118.56 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079229.D
 Acq: 14 May 2015 9:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	53.5	80.3
63	28.3	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: 106.01 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079229.D

Acq: 14 May 2015 9:10

Instrument :

BNA_F

ClientSampleId :

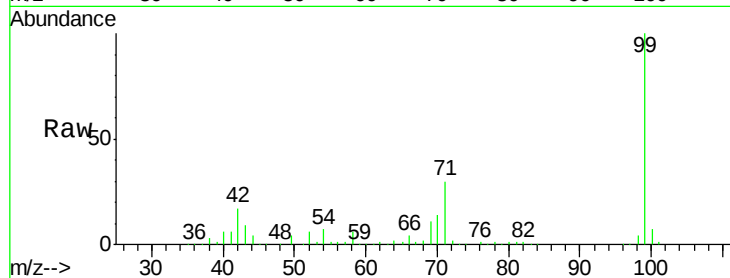
Tot Ion: 99 Resp: 518319

Ion Ratio Lower Upper

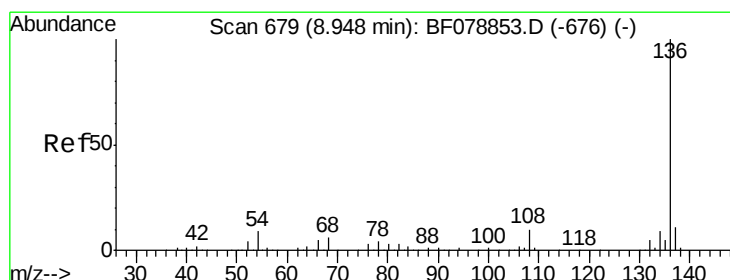
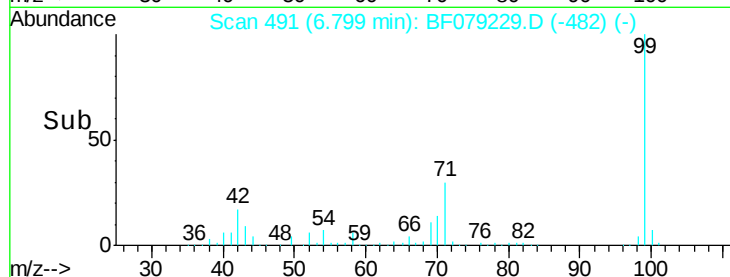
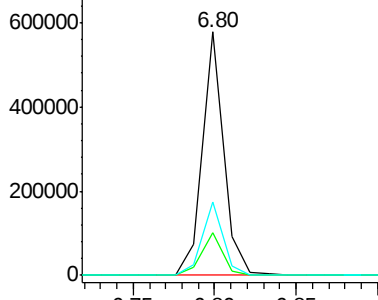
99 100

42 17.4 12.8 19.2

71 30.1 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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079229.D

Acq: 14 May 2015 9:10

Tgt Ion: 136 Resp: 258486

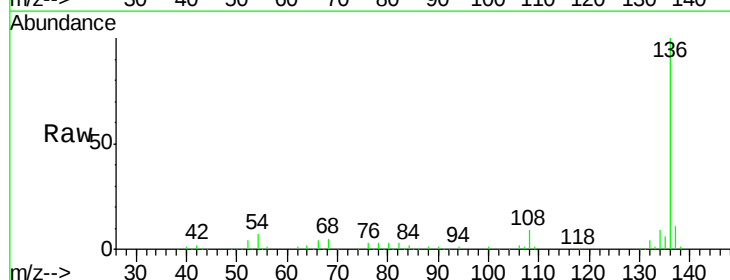
Ion Ratio Lower Upper

136 100

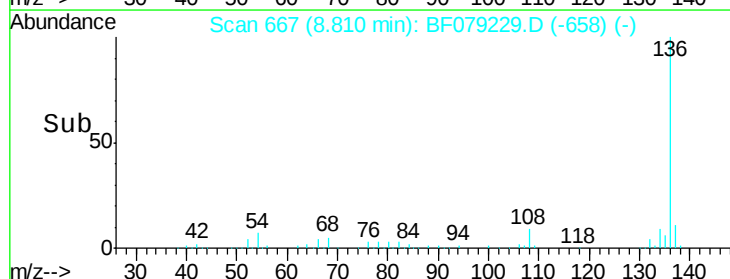
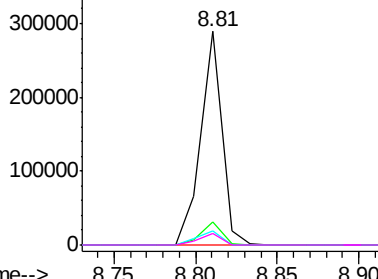
137 10.7 8.7 13.1

54 6.9 5.8 8.8

68 5.3 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

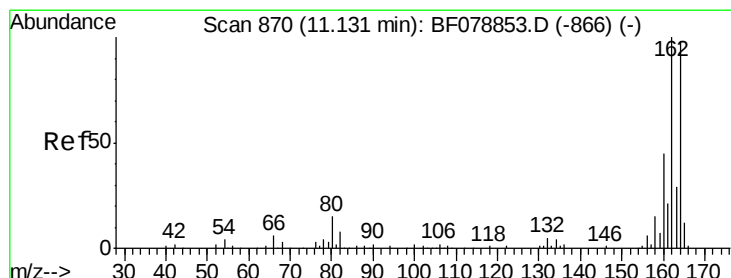
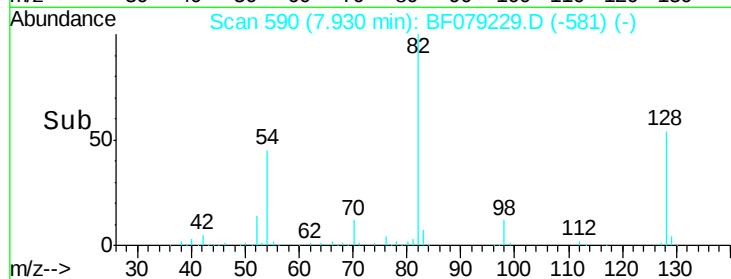
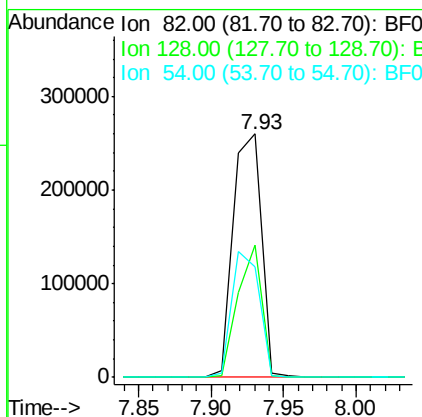
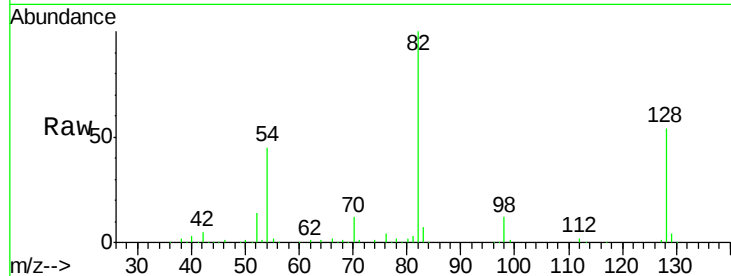




#23
 Nitrobenzene-d5
 Concen: 78.35 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079229.D
 Acq: 14 May 2015 9:10

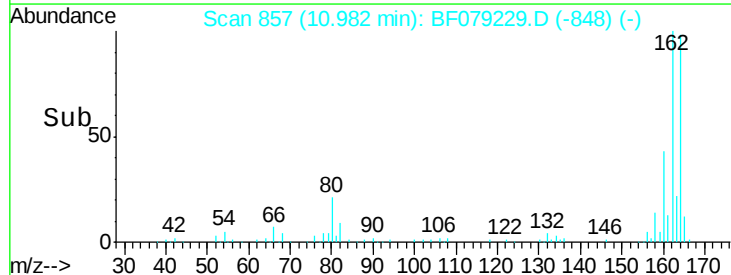
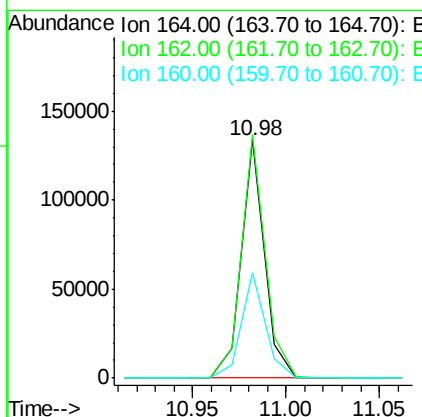
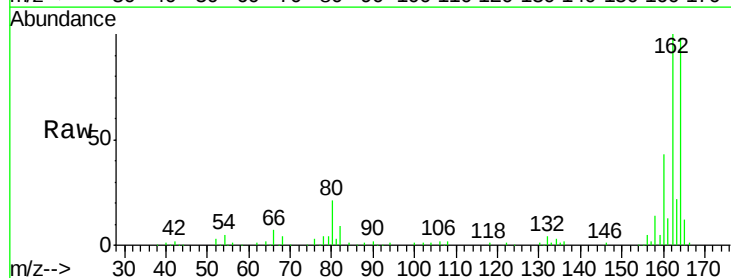
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 352365
 Ion Ratio Lower Upper
 82 100
 128 54.4 30.0 45.0#
 54 45.3 46.4 69.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079229.D
 Acq: 14 May 2015 9:10

Tgt Ion:164 Resp: 116407
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.7 124.1
 160 44.0 35.8 53.8

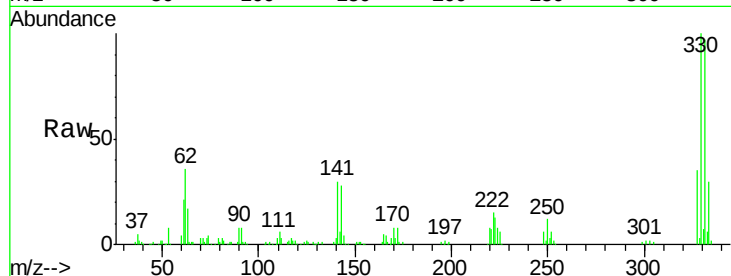




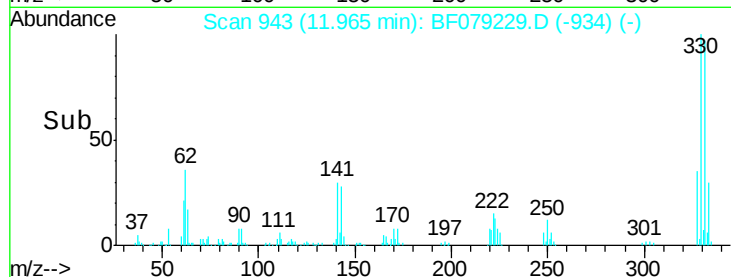
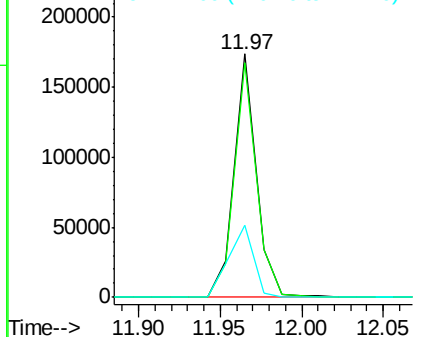
#41
 2,4,6-Tribromophenol
 Concen: 129.80 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079229.D
 Acq: 14 May 2015 9:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	33.7	0.0	0.0#

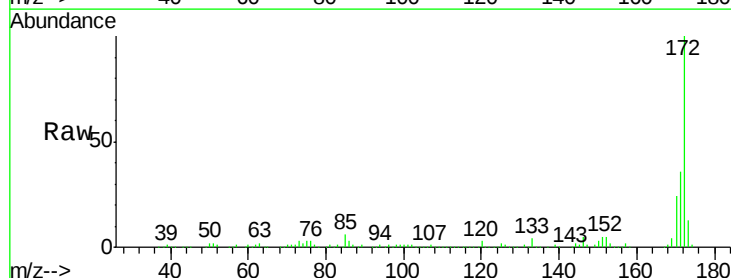


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

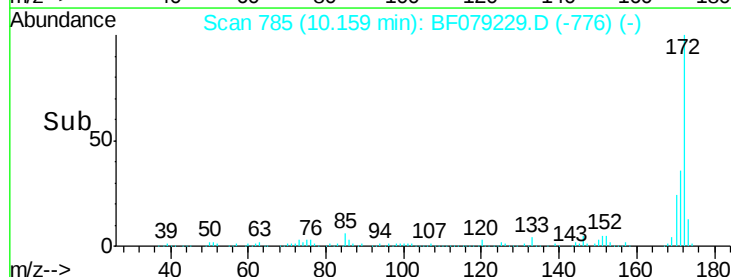
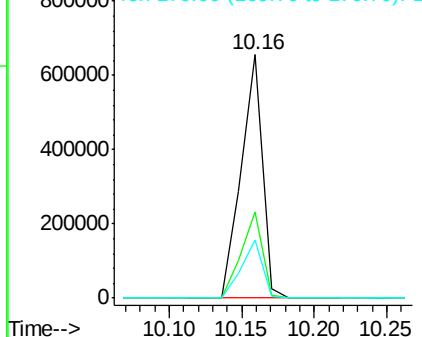


#44
 2-Fluorobiphenyl
 Concen: 79.87 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079229.D
 Acq: 14 May 2015 9:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.8	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

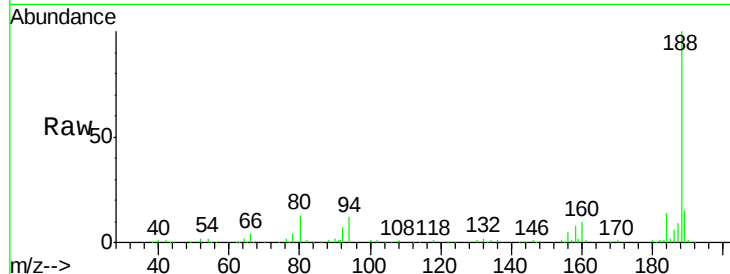




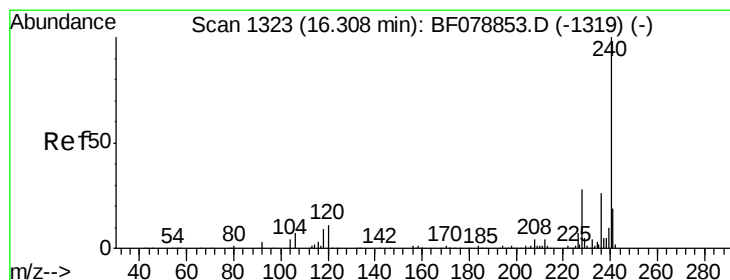
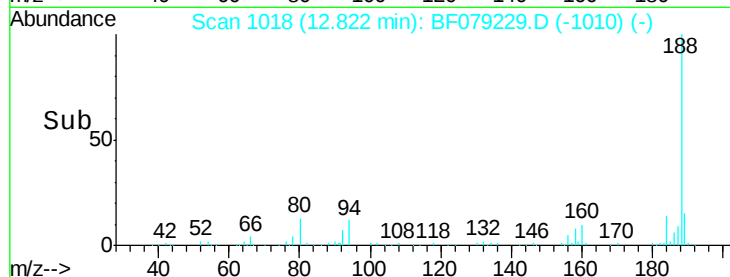
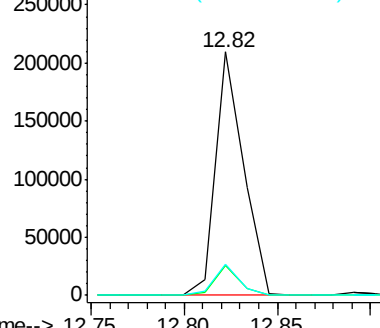
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079229.D
Acq: 14 May 2015 9:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.2	12.2
80	13.0	8.9	13.3

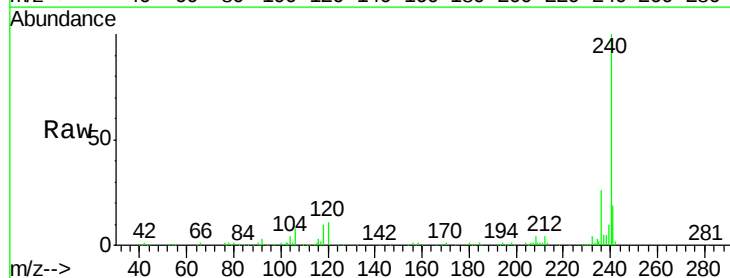


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

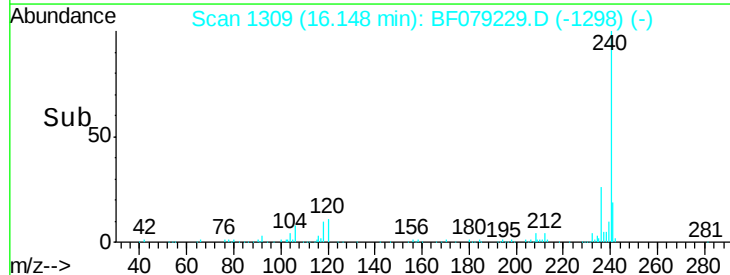
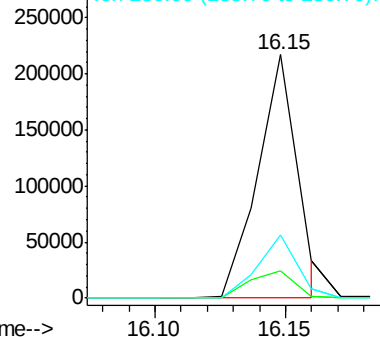


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1309
Delta R.T. 0.02 min
Lab File: BF079229.D
Acq: 14 May 2015 9:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	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: 79.45 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079229.D

Acq: 14 May 2015 9:10

Instrument :

BNA_F

ClientSampleId :

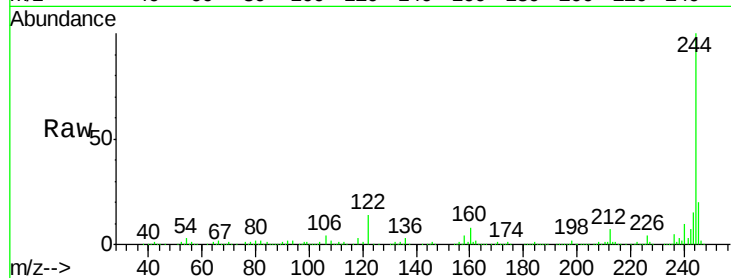
Tot Ion:244 Resp: 755412

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

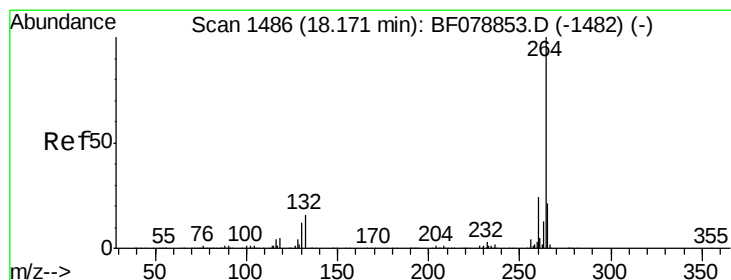
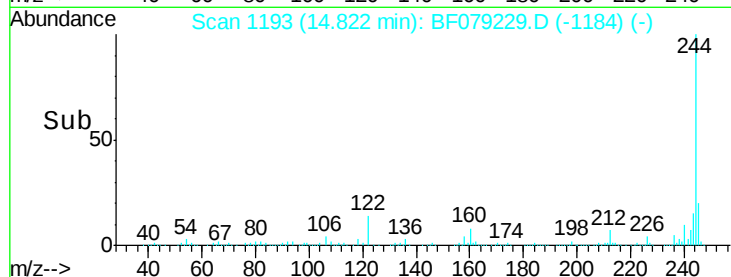
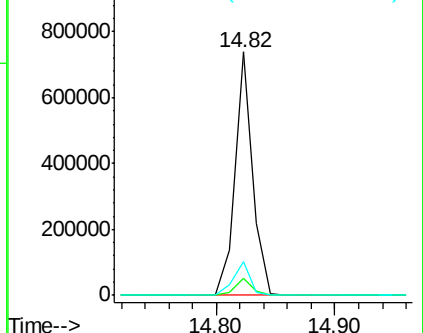
122 13.6 10.3 15.5



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: 18.01 min Scan# 1472

Delta R.T. 0.16 min

Lab File: BF079229.D

Acq: 14 May 2015 9:10

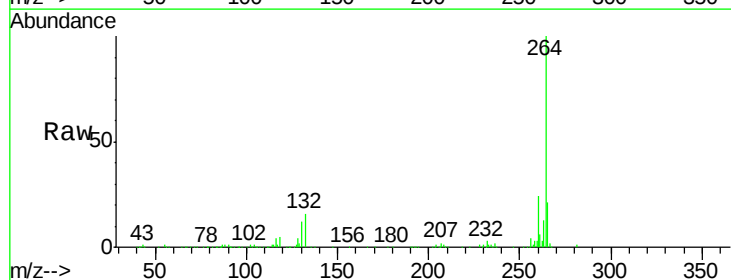
Tgt Ion:264 Resp: 241425

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.4 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

