

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079107.D
 Acq On : 10 May 2015 4:02
 Operator : TP/IZ
 Sample : G2118-02 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-020

Quant Time: May 11 02:12:37 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 01:50:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	81755	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	325103	20.00	ng	0.01
38) Acenaphthene-d10	11.07	164	154334	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	280431	20.00	ng	0.01
75) Chrysene-d12	16.22	240	282257	20.00	ng	0.01
86) Perylene-d12	17.94	264	293479	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	108441	22.83	ng	0.00
7) Phenol-d6	6.88	99	150015	23.90	ng	0.00
23) Nitrobenzene-d5	8.01	82	81267	14.37	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	33568	20.11	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	163888	14.79	ng	0.00
78) Terphenyl-d14	14.91	244	174301	14.78	ng	0.00

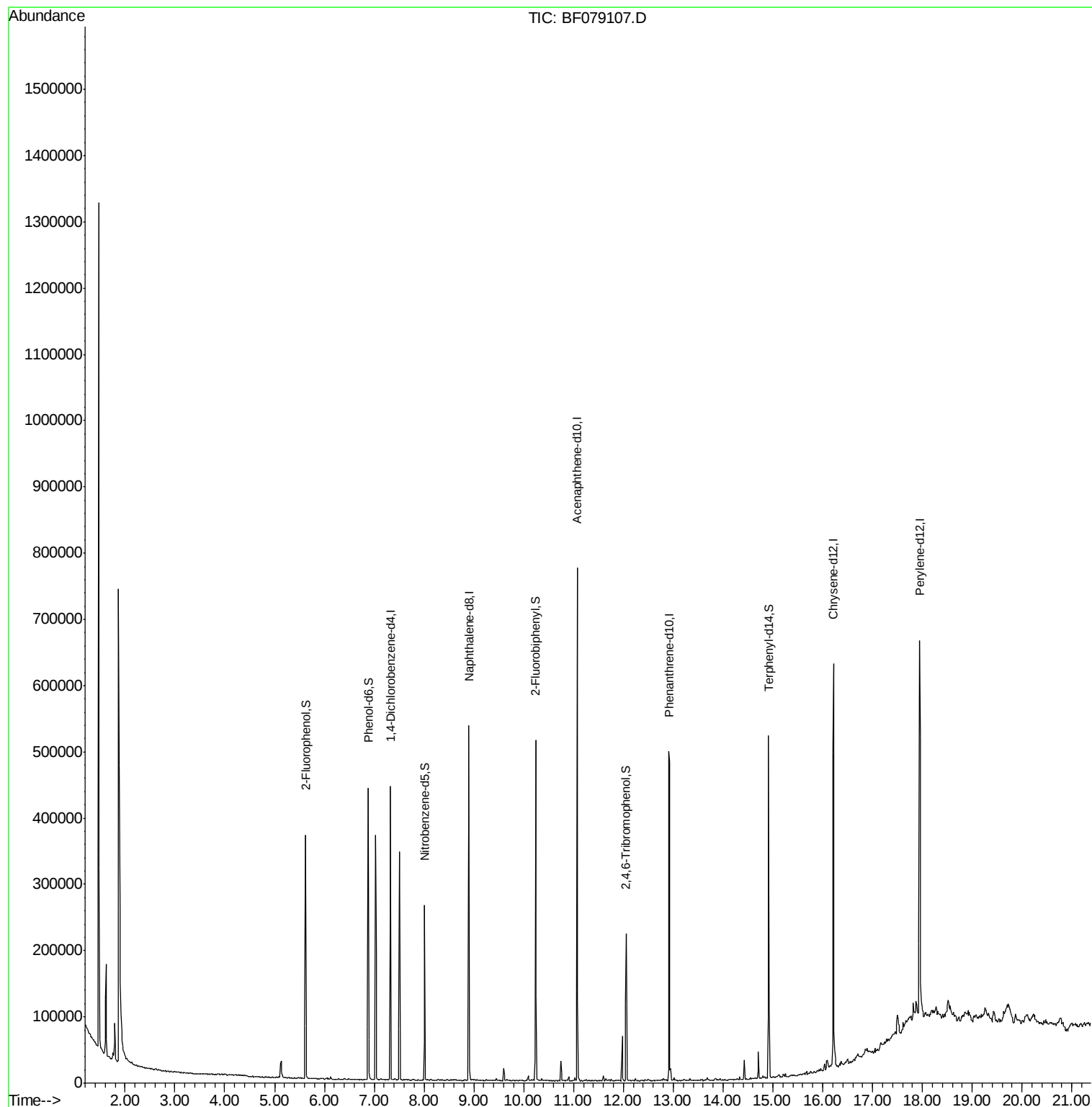
Target Compounds Qvalue

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

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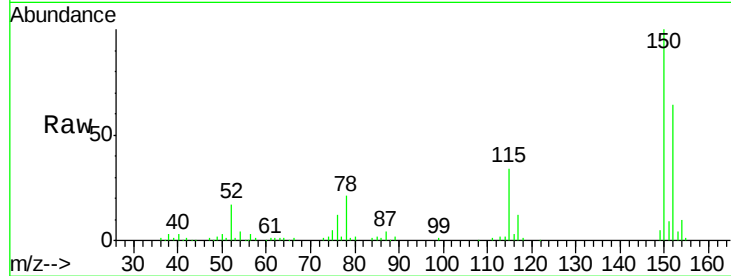


#1

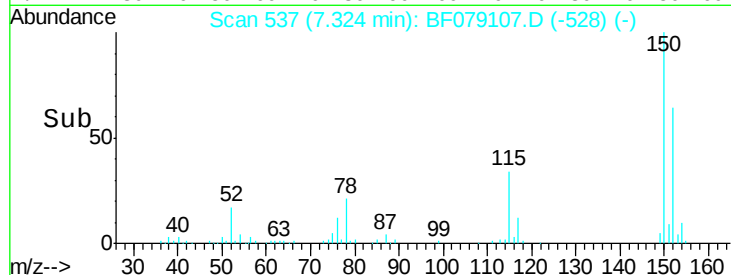
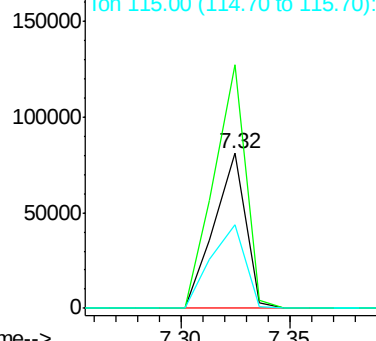
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079107.D
Acq: 10 May 2015 4:02

Instrument :
BNA_F
ClientSampleId :
SW-020

Tot Ion:152 Resp: 81755
Ion Ratio Lower Upper
152 100
150 157.4 122.0 183.0
115 54.2 46.3 69.5



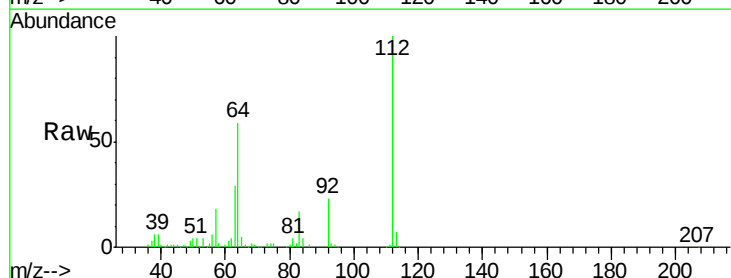
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



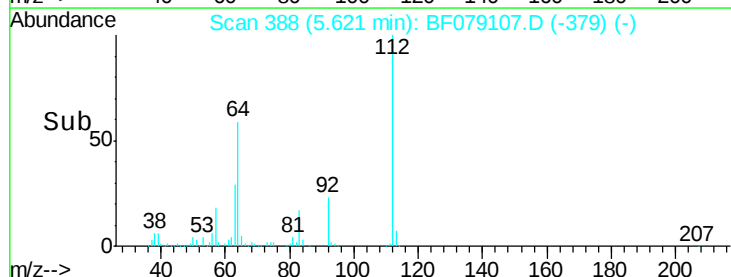
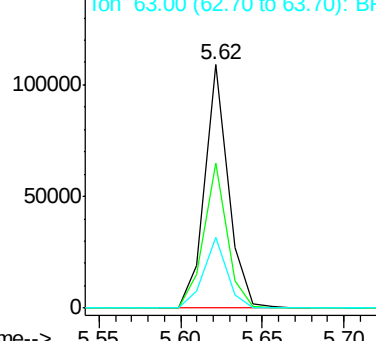
#5

2-Fluorophenol
Concen: 22.83 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079107.D
Acq: 10 May 2015 4:02

Tgt Ion:112 Resp: 108441
Ion Ratio Lower Upper
112 100
64 59.4 53.5 80.3
63 28.9 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: 23.90 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079107.D

Acq: 10 May 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SW-020

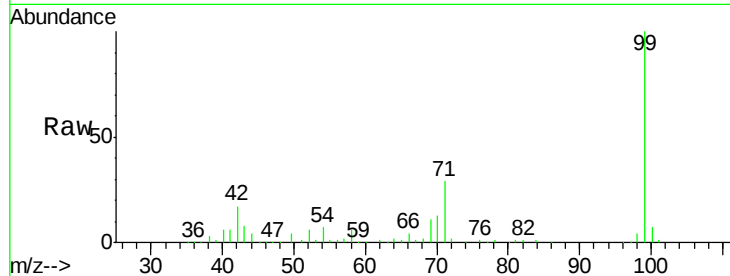
Tot Ion: 99 Resp: 150015

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

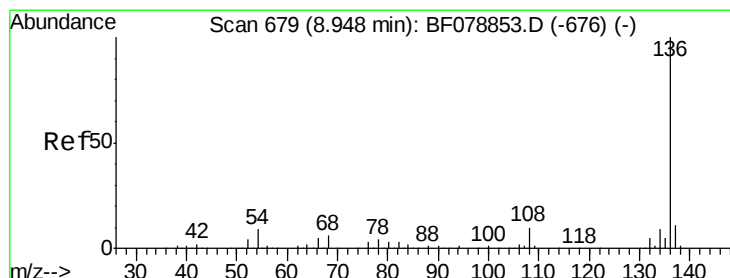
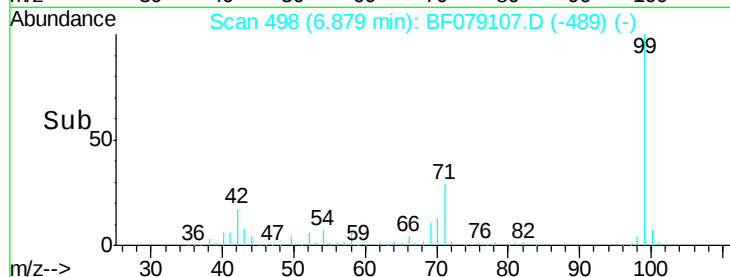
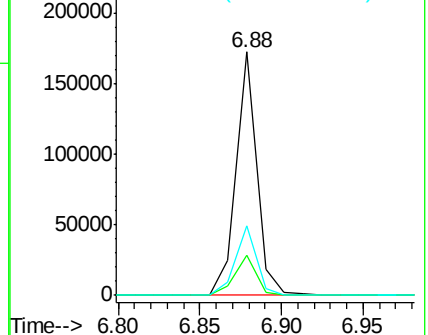
71 28.7 23.4 35.2



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: 8.90 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF079107.D

Acq: 10 May 2015 4:02

Tgt Ion: 136 Resp: 325103

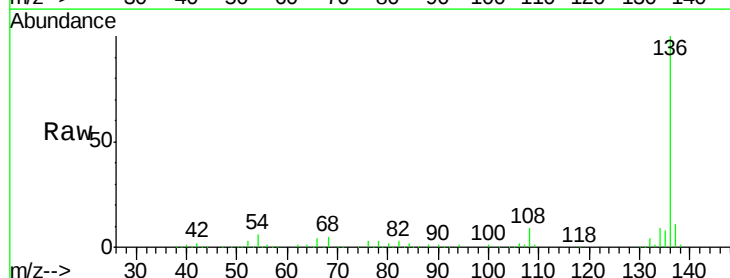
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.8 5.8 8.8#

68 4.7 4.2 6.4

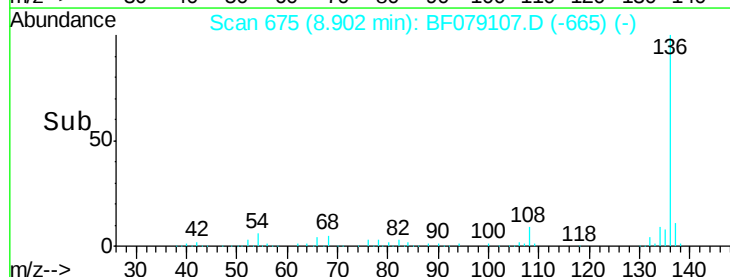
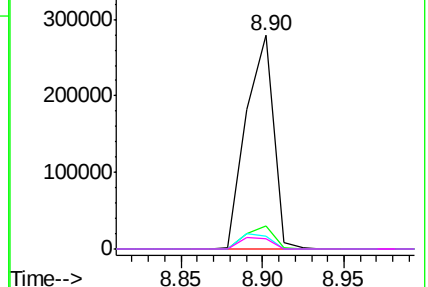


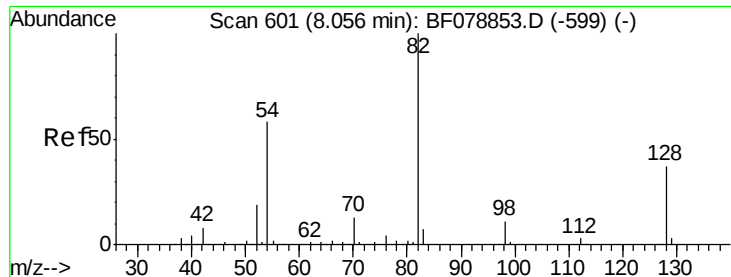
Abundance Ion 136.00 (135.70 to 136.70): E

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

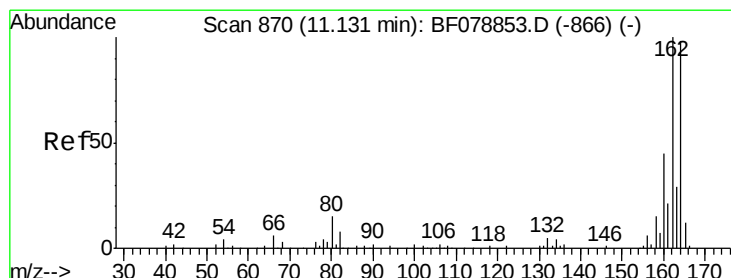
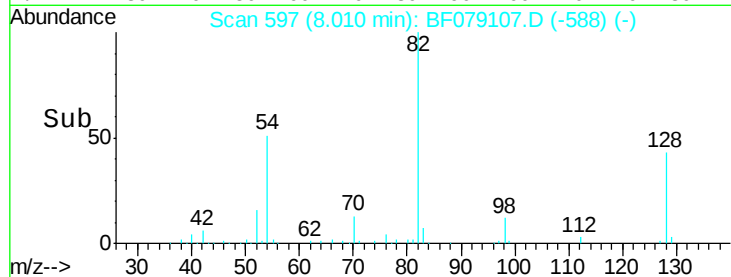
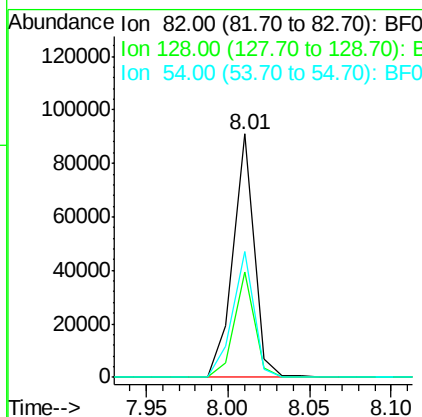
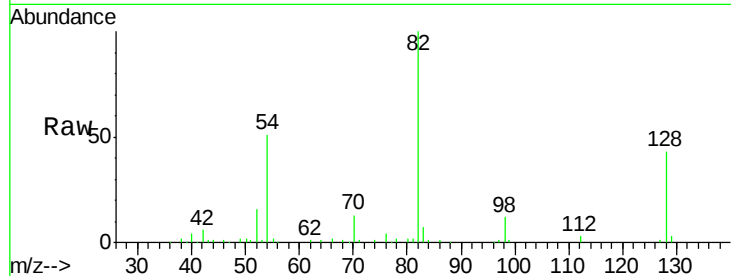




#23
 Nitrobenzene-d5
 Concen: 14.37 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079107.D
 Acq: 10 May 2015 4:02

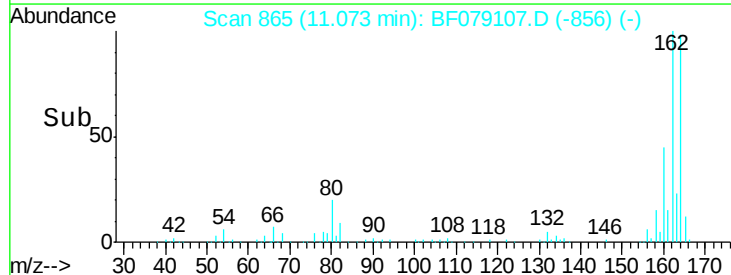
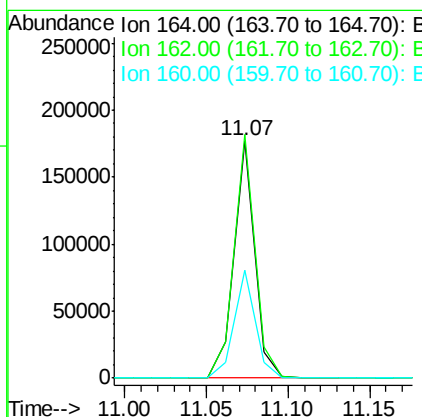
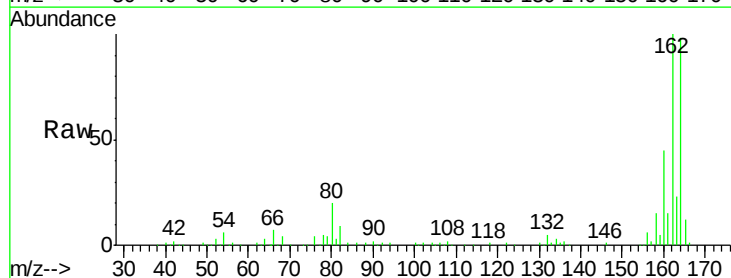
Instrument :
 BNA_F
 ClientSampled :
 SW-020

Tot Ion	82	Resp	81267
Ion Ratio	Lower	Upper	
82	100		
128	43.5	30.0	45.0
54	51.4	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079107.D
 Acq: 10 May 2015 4:02

Tgt Ion	164	Resp	154334
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.7	124.1
160	45.6	35.8	53.8

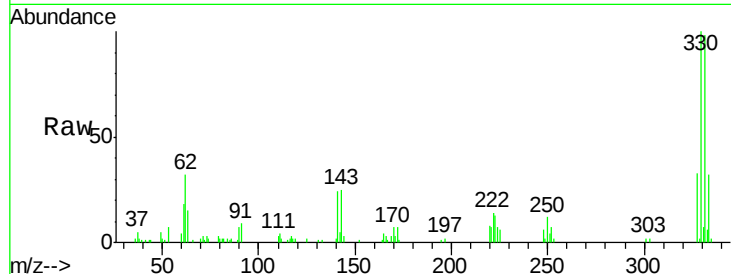




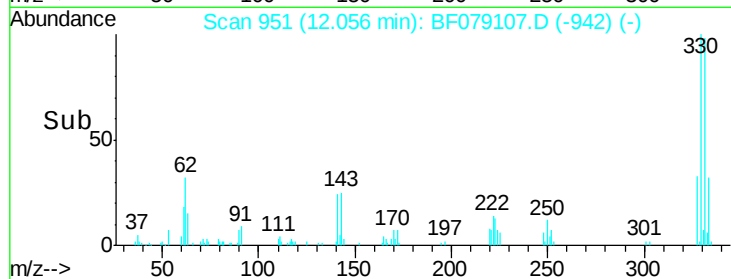
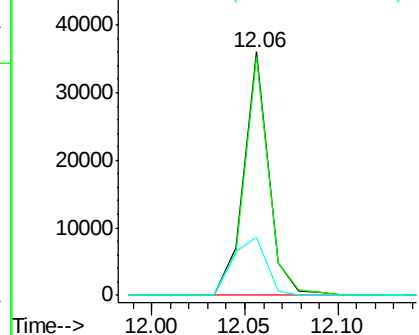
#41
 2,4,6-Tribromophenol
 Concen: 20.11 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079107.D
 Acq: 10 May 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SW-020

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	32.0	0.0	0.0#

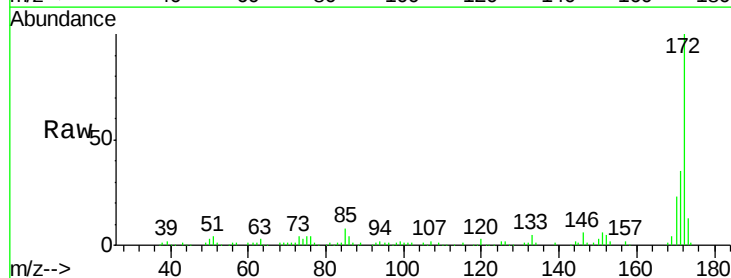


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

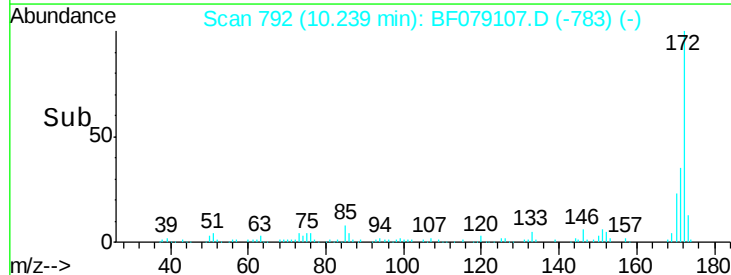
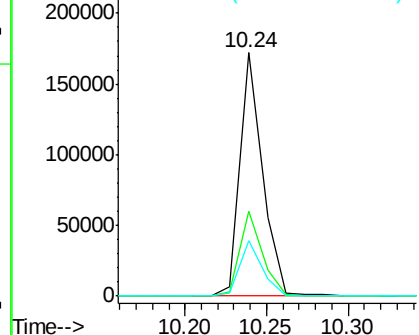


#44
 2-Fluorobiphenyl
 Concen: 14.79 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079107.D
 Acq: 10 May 2015 4:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.0	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

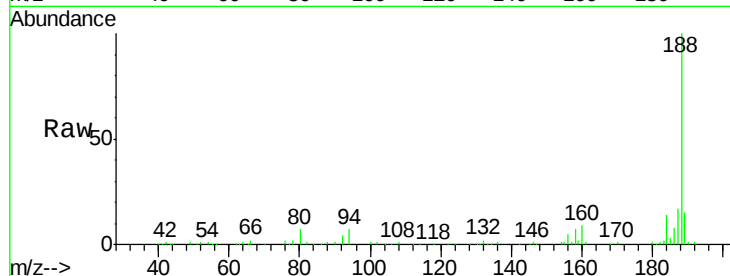




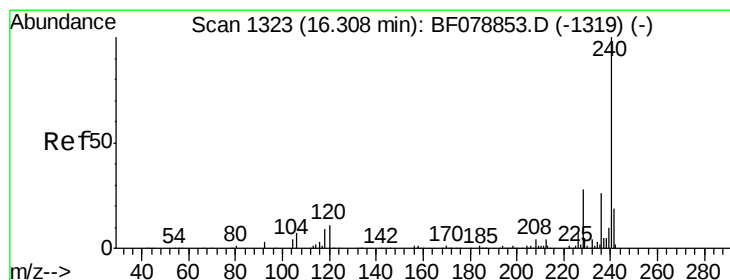
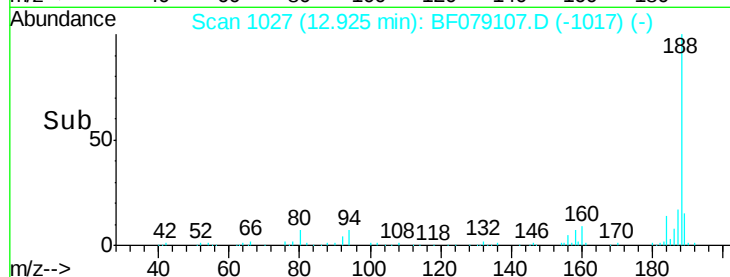
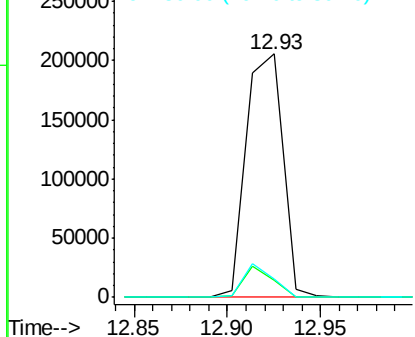
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF079107.D
Acq: 10 May 2015 4:02

Instrument :
BNA_F
ClientSampled :
SW-020

Tot Ion	188	Ratio	Lower	Upper
188	100			
94	7.2	8.2	12.2	
80	7.4	8.9	13.3	

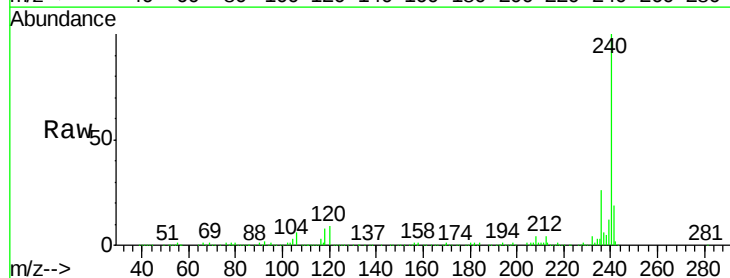


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

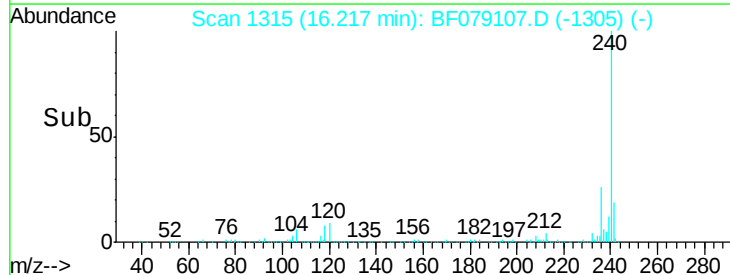
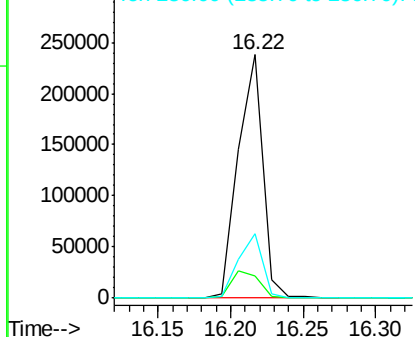


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF079107.D
Acq: 10 May 2015 4:02

Tgt Ion	240	Ratio	Lower	Upper
240	100			
120	9.3	9.7	14.5	
236	26.2	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

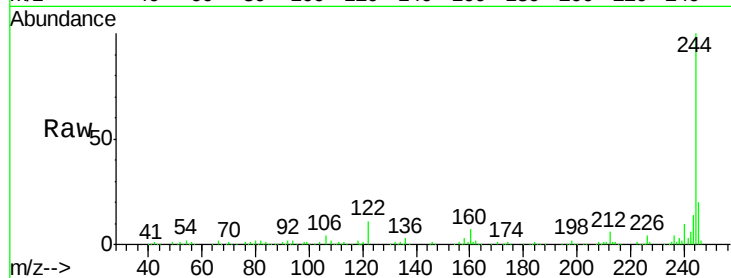




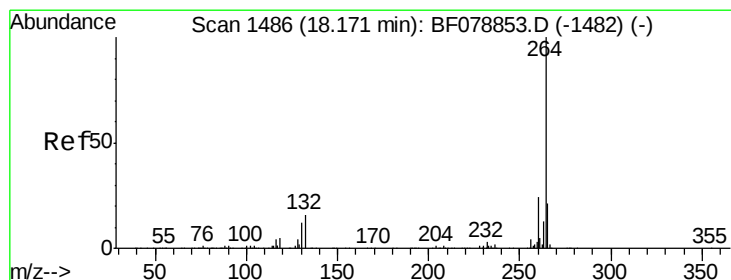
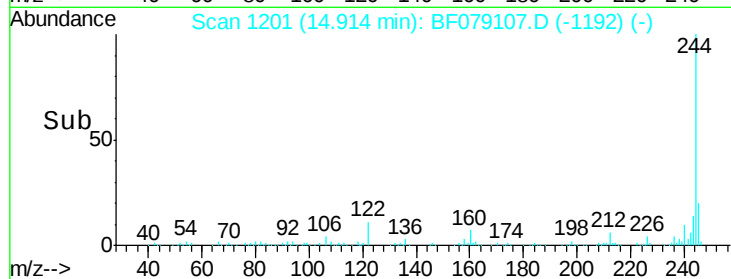
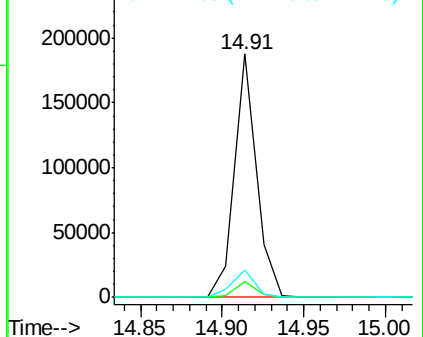
#78
 Terphenyl-d14
 Concen: 14.78 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079107.D
 Acq: 10 May 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SW-020

Tot Ion:244 Resp: 174301
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.4 10.3 15.5

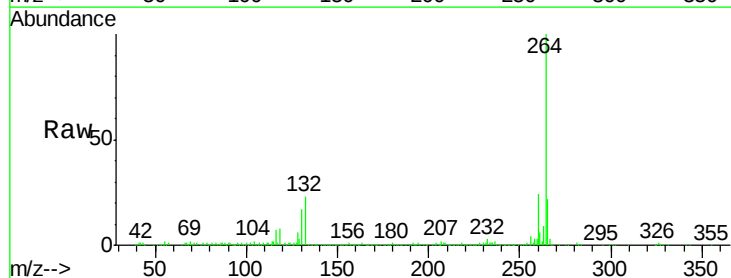


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.94 min Scan# 1466
 Delta R.T. 0.02 min
 Lab File: BF079107.D
 Acq: 10 May 2015 4:02

Tgt Ion:264 Resp: 293479
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.6 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

