

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052115\
 Data File : BF079403.D
 Acq On : 21 May 2015 14:54
 Operator : TP/IZ
 Sample : PB83467TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:29:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 01:11:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	67082	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	276535	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	133546	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	260488	20.00	ng	0.00
75) Chrysene-d12	15.99	240	280497	20.00	ng	0.02
86) Perylene-d12	17.86	264	285384	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.65	99	554272	107.60	ng	0.00
23) Nitrobenzene-d5	7.77	82	308158	64.04	ng	0.00
41) 2,4,6-Tribromophenol	11.79	330	156315	108.20	ng	-0.01
44) 2-Fluorobiphenyl	10.00	172	651124	67.93	ng	0.00
78) Terphenyl-d14	14.65	244	754848	64.43	ng	0.00

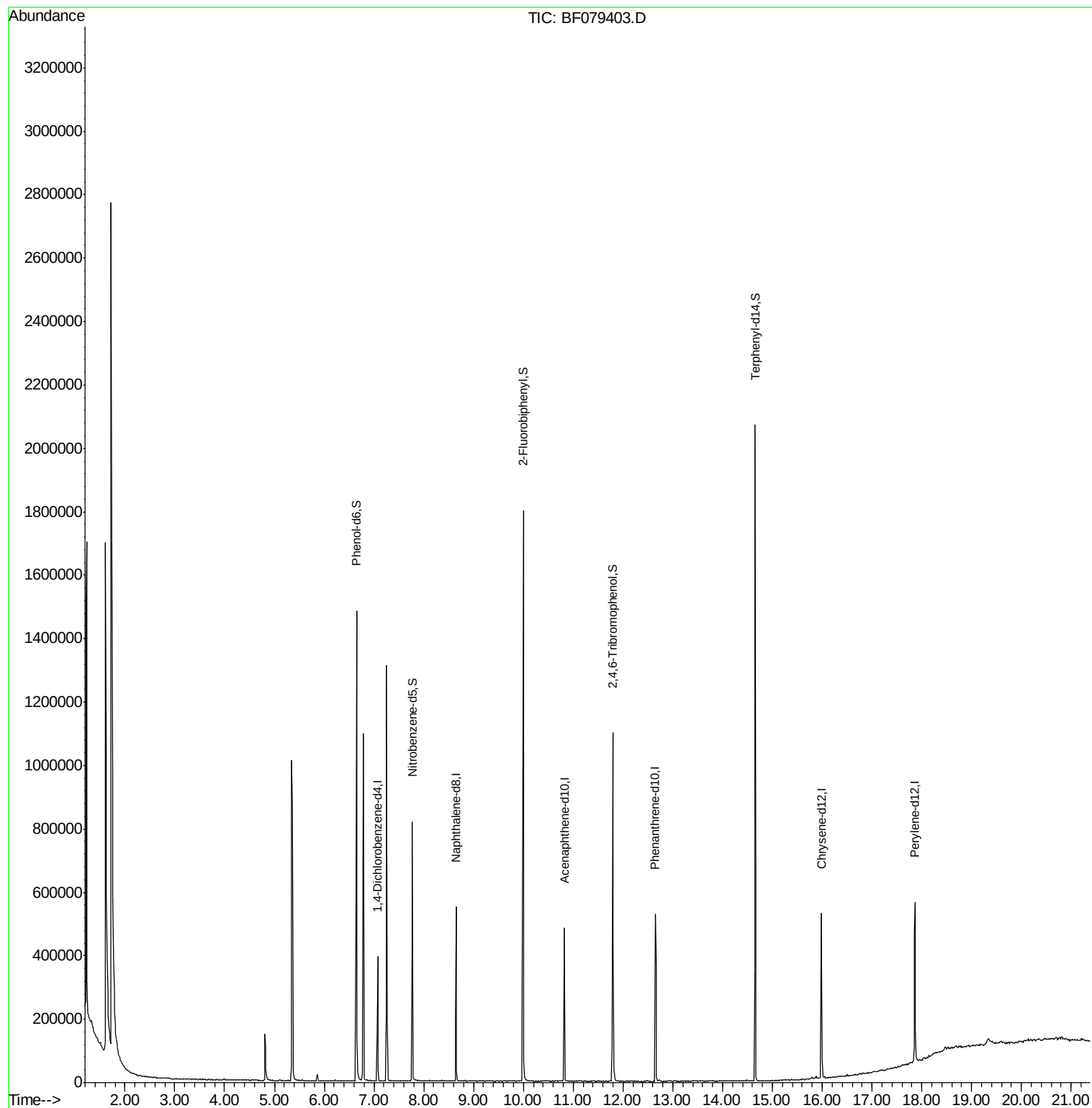
Target Compounds Qvalue

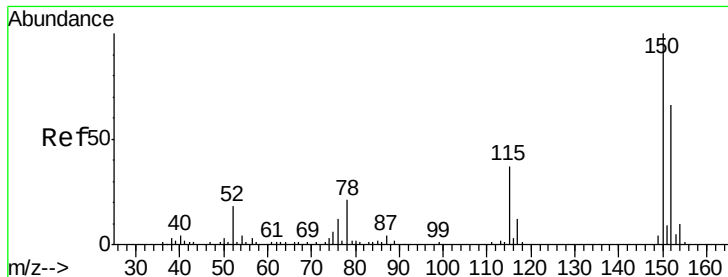
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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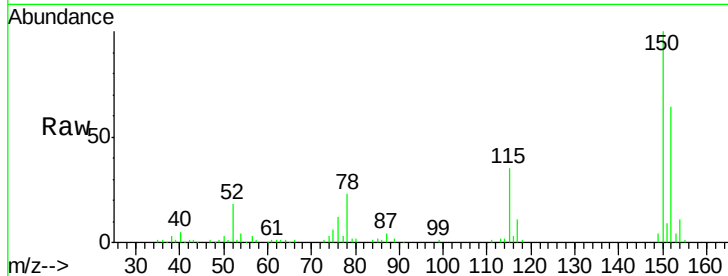




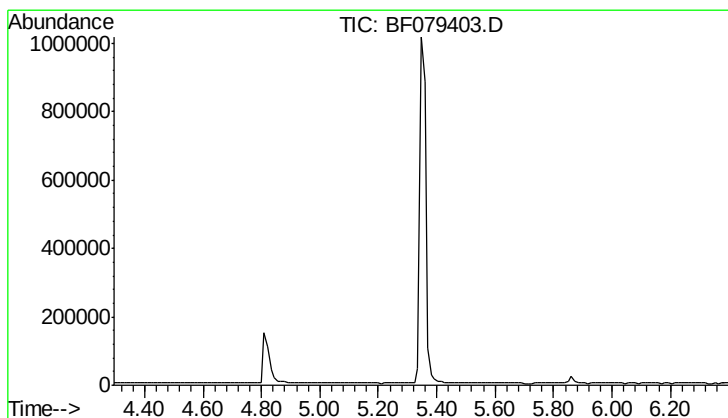
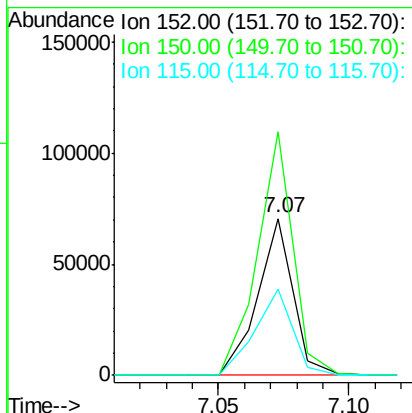
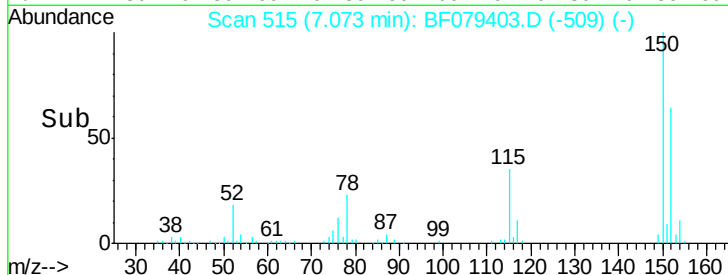
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF079403.D
 Acq: 21 May 2015 14:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
150	155.1	123.8	185.8	
115	54.8	49.4	74.0	

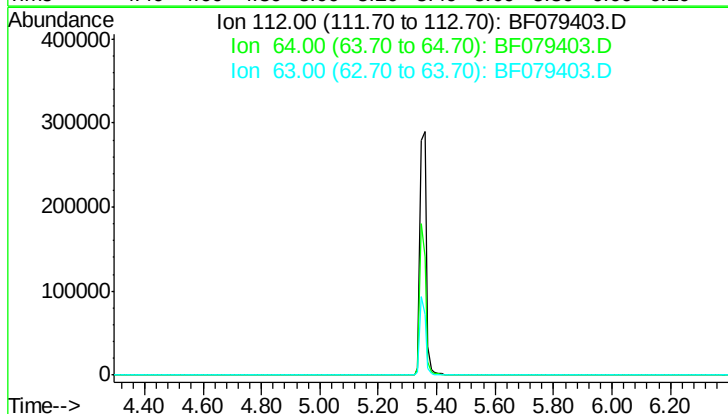


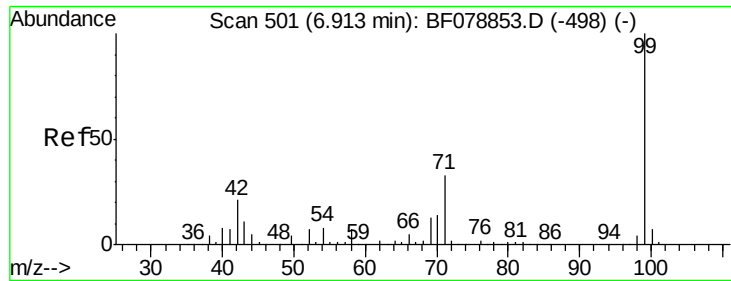
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.35 min
 Lab File: BF079403.D
 Acq: 21 May 2015 14:54

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#7

Phenol-d6

Concen: 107.60 ng

RT: 6.65 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF079403.D

Acq: 21 May 2015 14:54

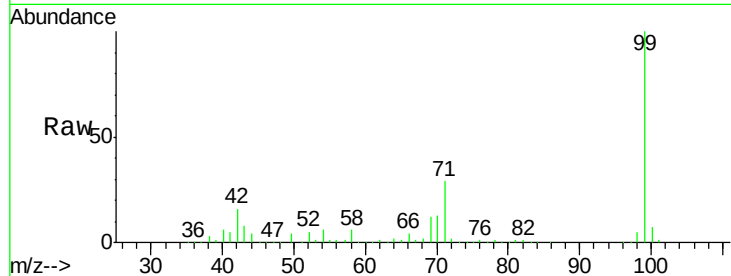
Instrument :

BNA_F

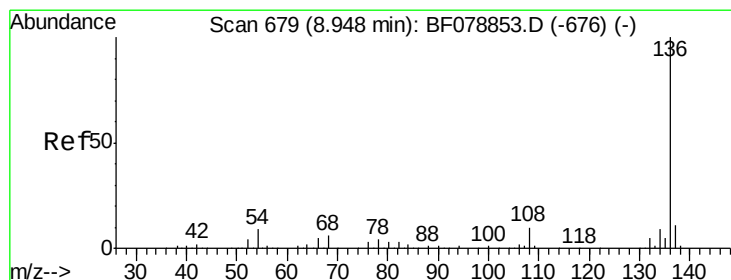
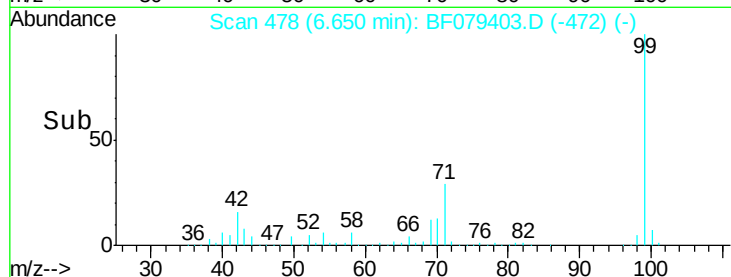
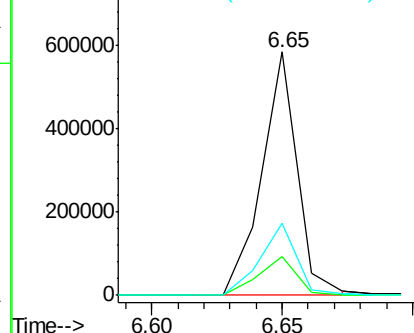
ClientSampleId :

Tot Ion: 99 Resp: 554272

Ion	Ratio	Lower	Upper
99	100		
42	16.0	17.1	25.7#
71	29.4	26.3	39.5



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: 8.65 min Scan# 653

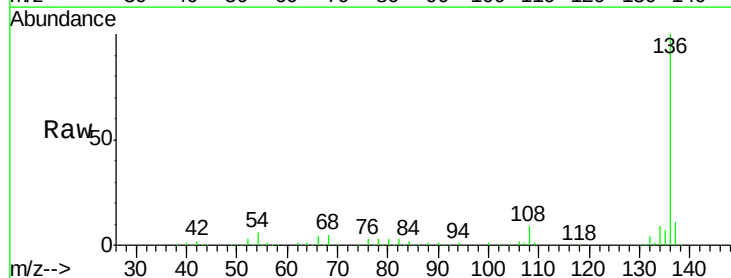
Delta R.T. -0.00 min

Lab File: BF079403.D

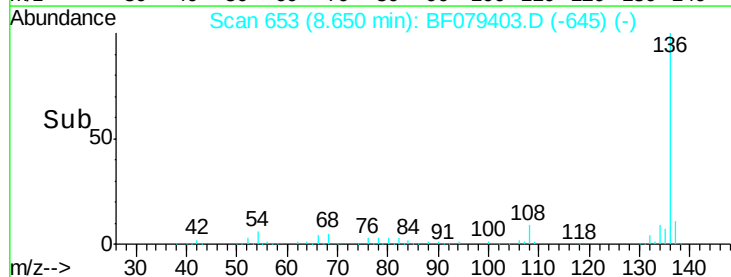
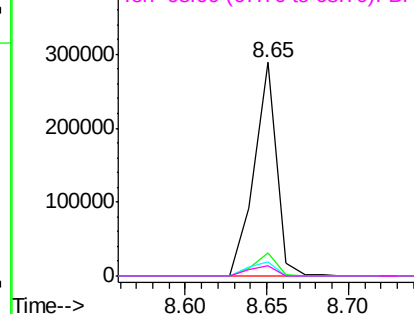
Acq: 21 May 2015 14:54

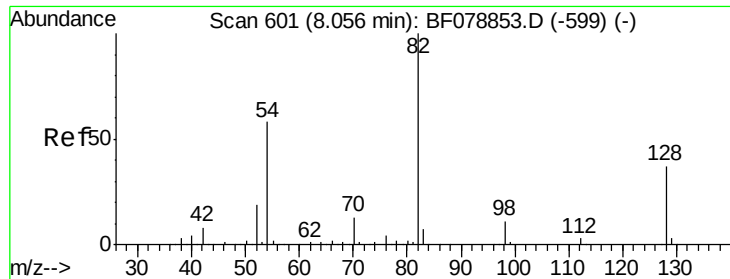
Tgt Ion: 136 Resp: 276535

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.5	6.9	10.3#
68	4.9	4.9	7.3



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

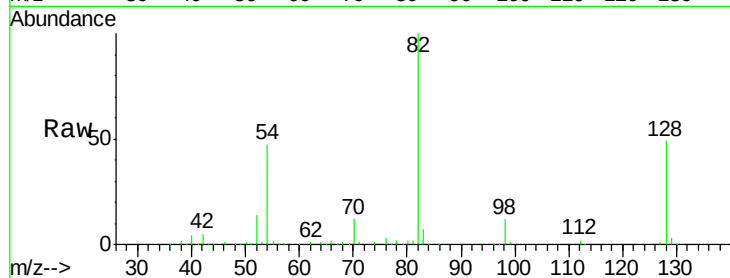




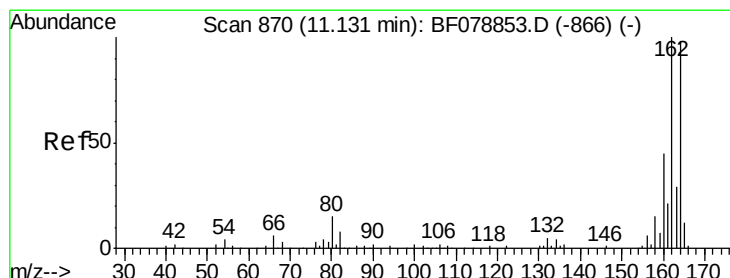
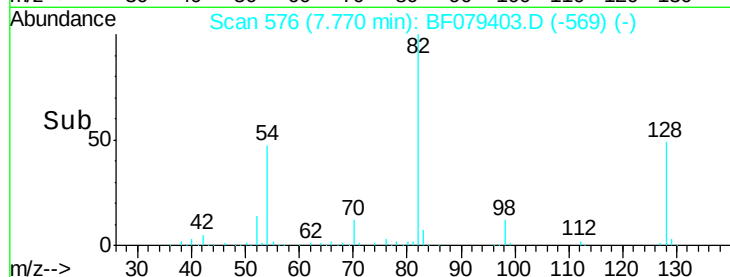
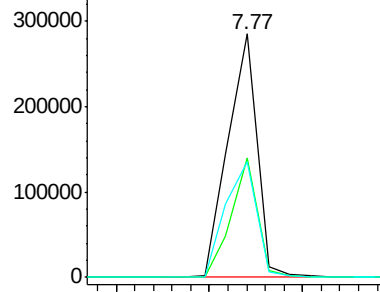
#23
Nitrobenzene-d5
Concen: 64.04 ng
RT: 7.77 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF079403.D
Acq: 21 May 2015 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 308158
Ion Ratio Lower Upper
82 100
128 49.0 29.7 44.5#
54 47.5 46.2 69.4

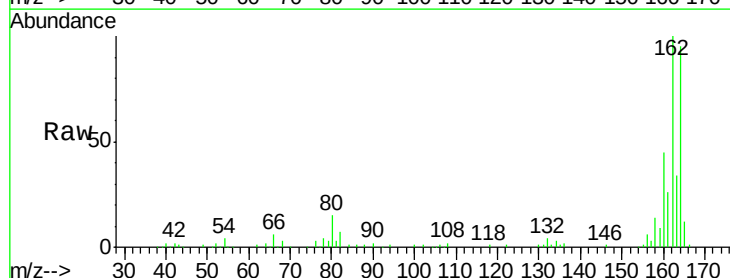


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

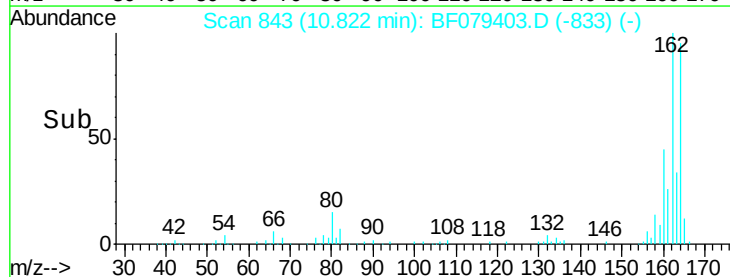
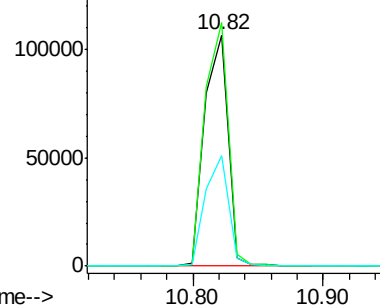


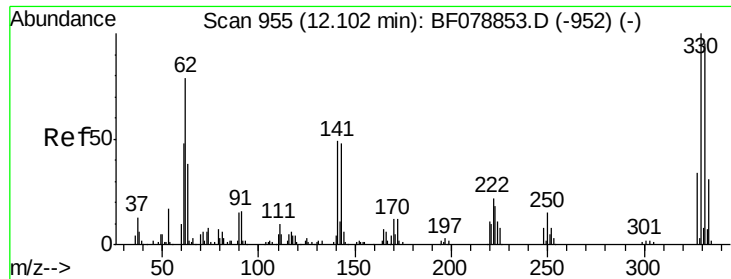
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF079403.D
Acq: 21 May 2015 14:54

Tgt Ion: 164 Resp: 133546
Ion Ratio Lower Upper
164 100
162 105.4 81.4 122.0
160 47.8 36.6 54.8



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

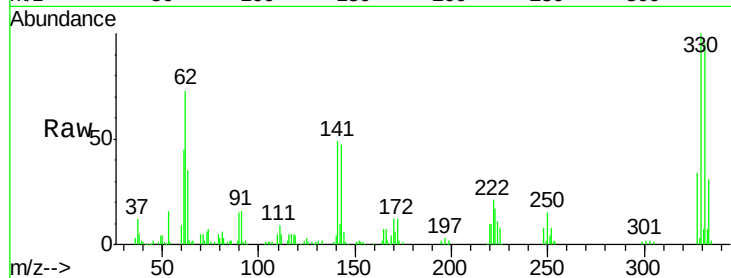




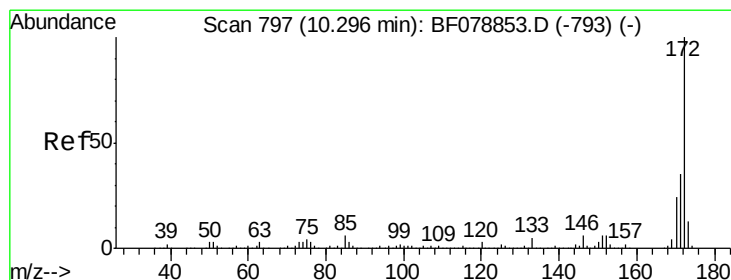
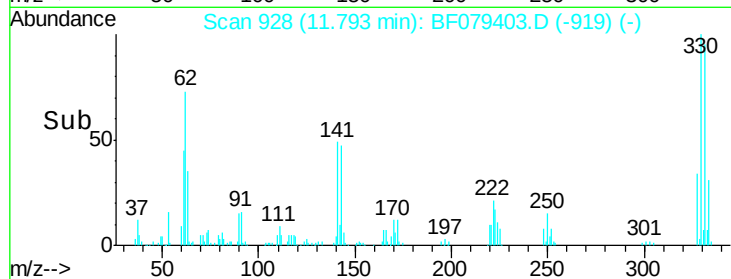
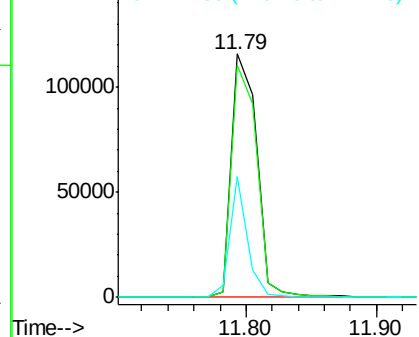
#41
 2,4,6-Tribromophenol
 Concen: 108.20 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF079403.D
 Acq: 21 May 2015 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	34.6	27.8	41.8

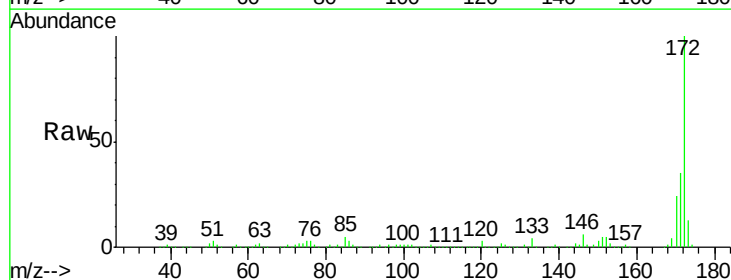


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

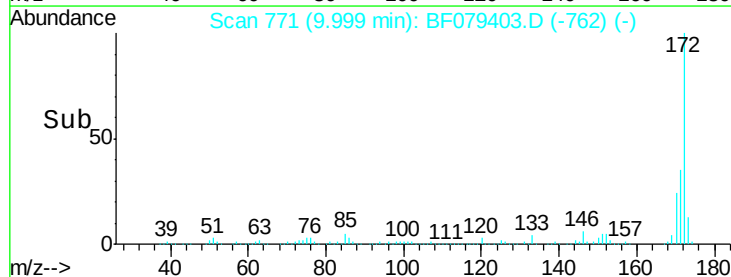
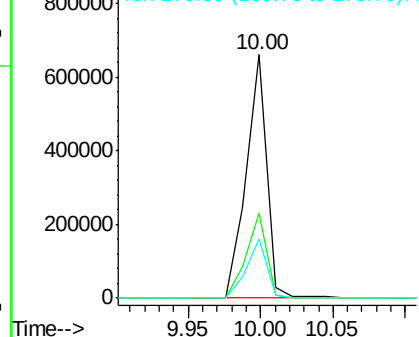


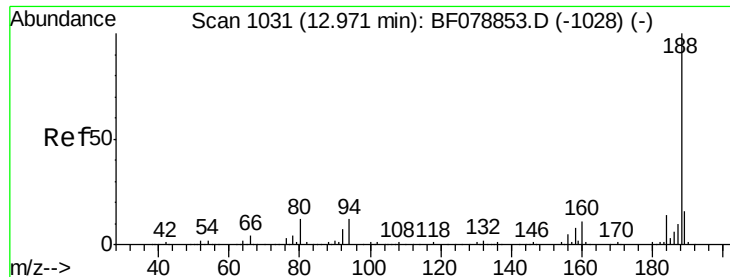
#44
 2-Fluorobiphenyl
 Concen: 67.93 ng
 RT: 10.00 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF079403.D
 Acq: 21 May 2015 14:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	24.3	19.4	29.2



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

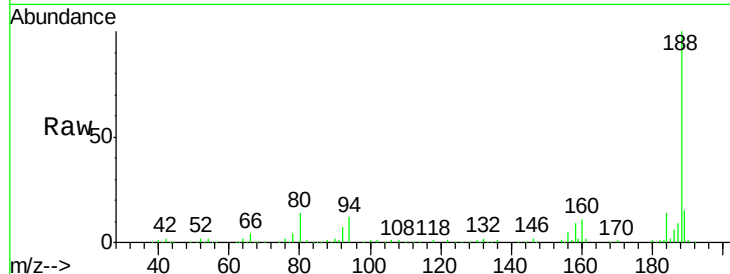




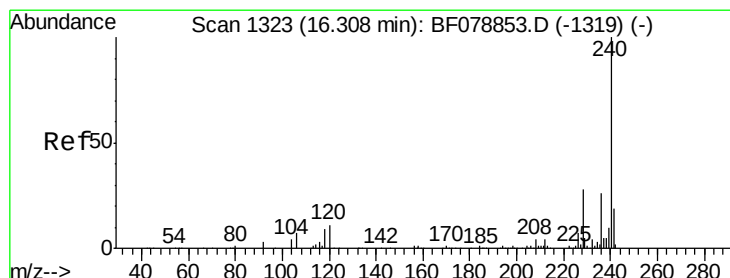
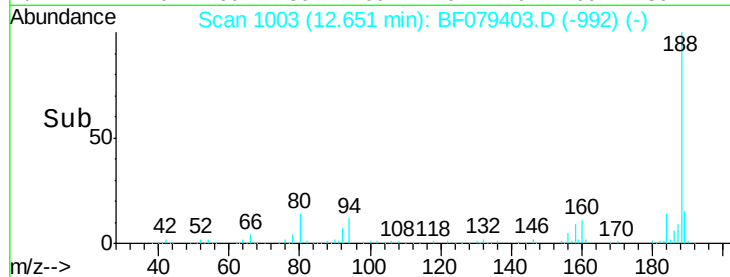
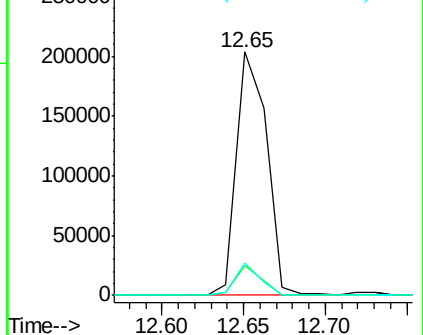
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.65 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF079403.D
 Acq: 21 May 2015 14:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 260488
 Ion Ratio Lower Upper
 188 100
 94 12.5 9.4 14.0
 80 13.5 9.8 14.6

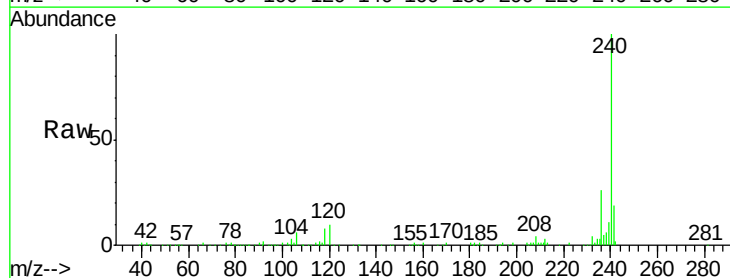


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

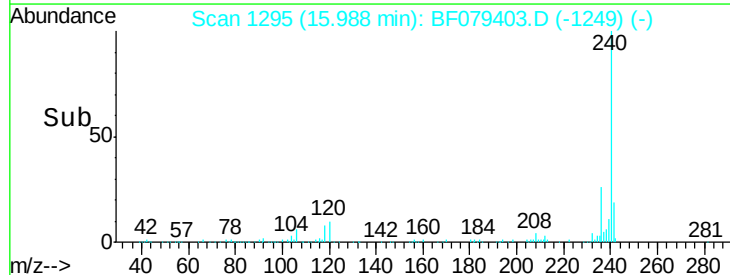
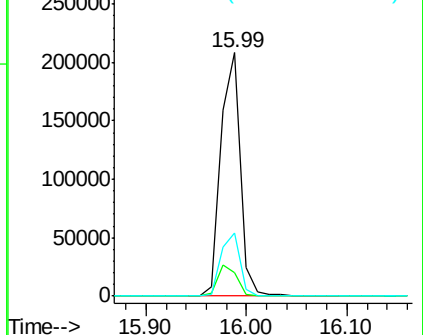


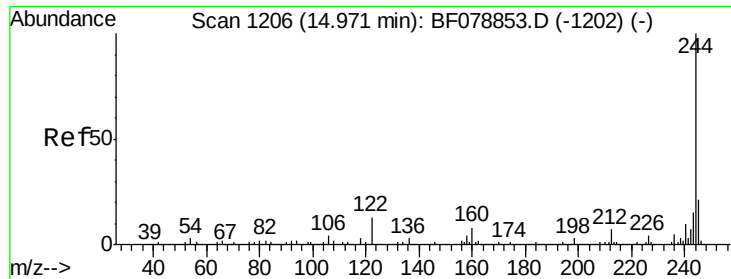
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.99 min Scan# 1295
 Delta R.T. 0.02 min
 Lab File: BF079403.D
 Acq: 21 May 2015 14:54

Tgt Ion:240 Resp: 280497
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.6 12.8
 236 25.8 21.0 31.6



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

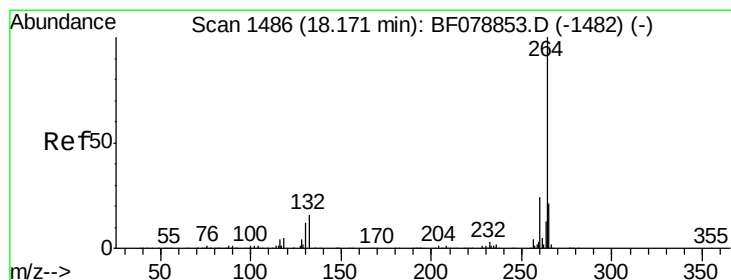
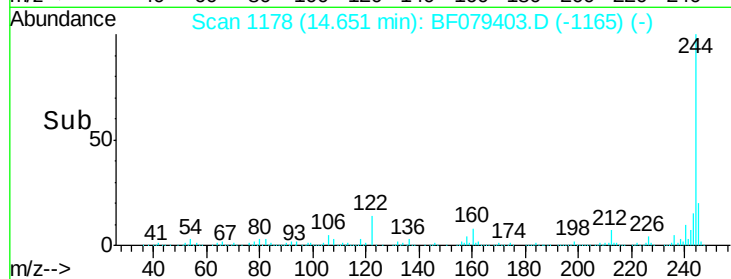
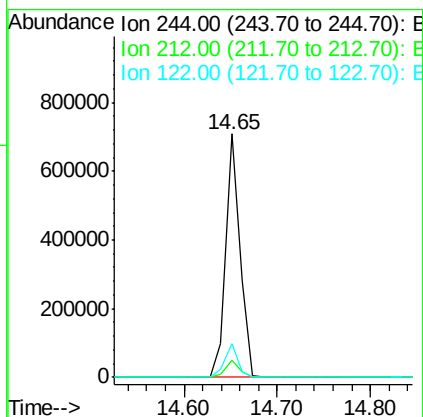
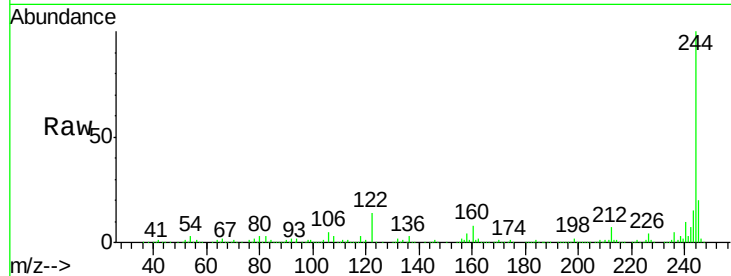




#78
 Terphenyl-d14
 Concen: 64.43 ng
 RT: 14.65 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF079403.D
 Acq: 21 May 2015 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 754848
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 14.0 10.5 15.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.86 min Scan# 1459
 Delta R.T. 0.07 min
 Lab File: BF079403.D
 Acq: 21 May 2015 14:54

Tgt Ion:264 Resp: 285384
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.4 17.2 25.8

