

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079051.D
 Acq On : 8 May 2015 21:37
 Operator : TP/IZ
 Sample : G2087-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4GW

Quant Time: May 08 23:06:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	105250	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	433298	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	220044	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	422752	20.00	ng	-0.01
75) Chrysene-d12	16.23	240	416986	20.00	ng	-0.02
86) Perylene-d12	18.02	264	399624	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	238496	39.01	ng	0.00
7) Phenol-d6	6.88	99	207760	25.71	ng	-0.01
23) Nitrobenzene-d5	8.01	82	468611	62.16	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	189542	79.62	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	948239	60.04	ng	-0.01
78) Terphenyl-d14	14.91	244	1126005	64.65	ng	-0.01

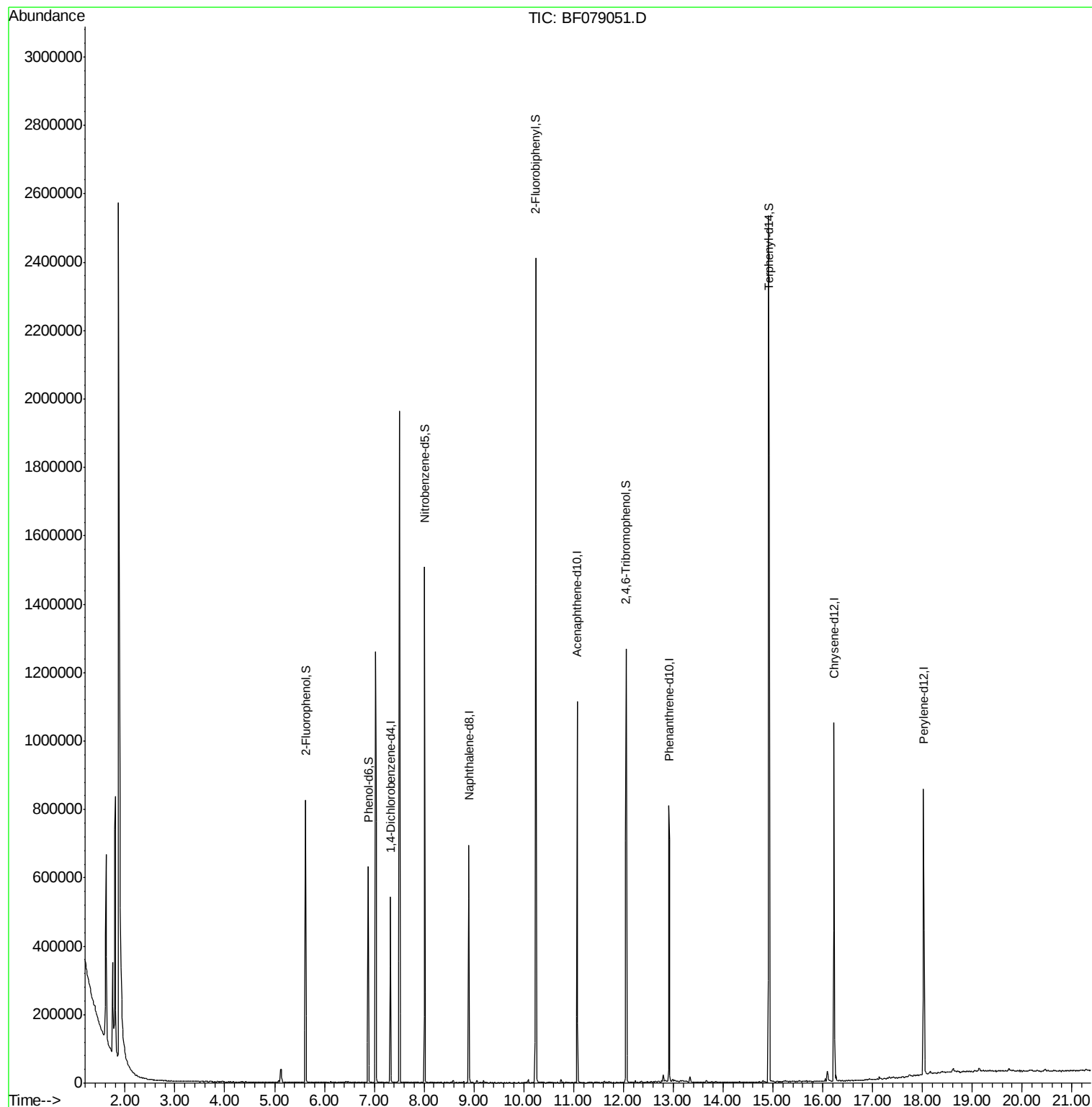
Target Compounds Qvalue

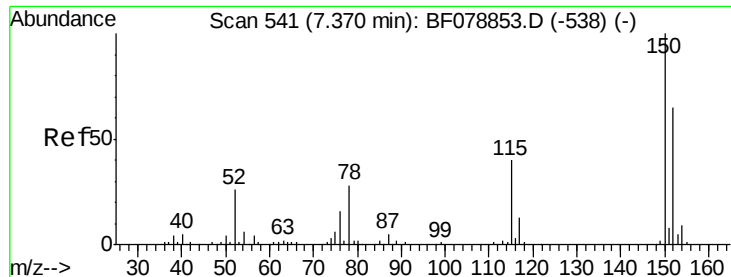
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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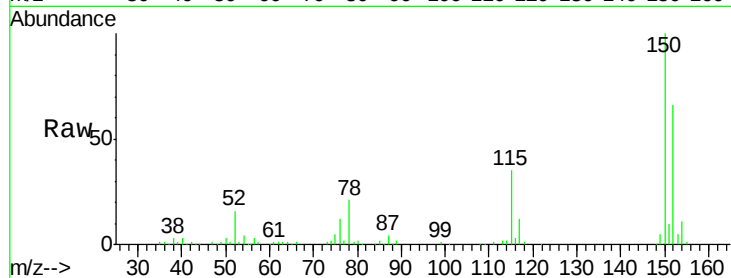


#1

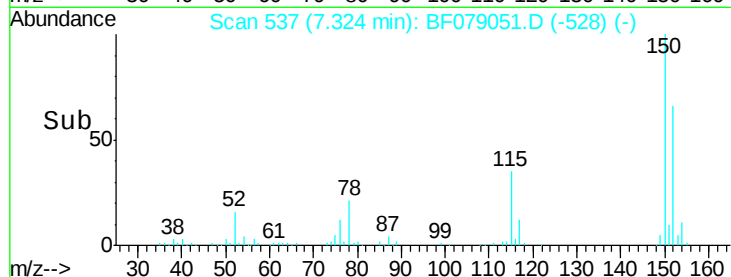
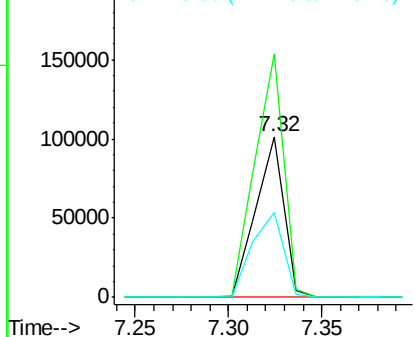
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079051.D
Acq: 8 May 2015 21:37

Instrument :
BNA_F
ClientSampleId :
B4GW

Tot Ion:152 Resp: 105250
Ion Ratio Lower Upper
152 100
150 151.2 122.0 183.0
115 52.8 46.3 69.5



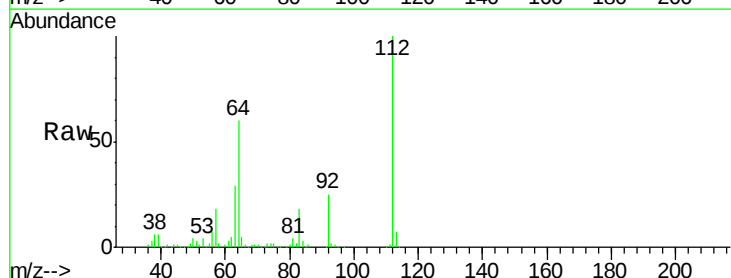
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



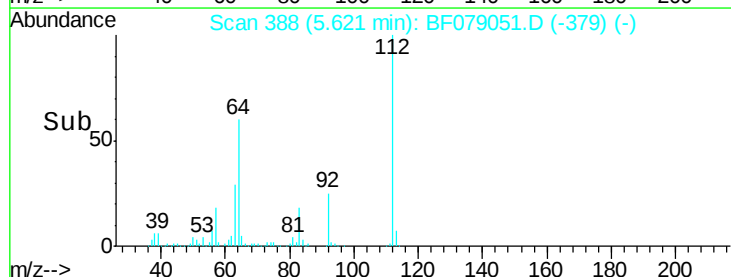
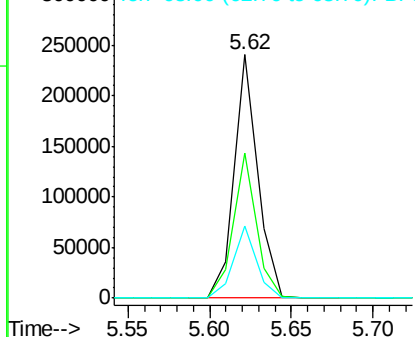
#5

2-Fluorophenol
Concen: 39.01 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079051.D
Acq: 8 May 2015 21:37

Tgt Ion:112 Resp: 238496
Ion Ratio Lower Upper
112 100
64 59.7 53.5 80.3
63 29.4 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: 25.71 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079051.D

Acq: 8 May 2015 21:37

Instrument :

BNA_F

ClientSampleId :

B4GW

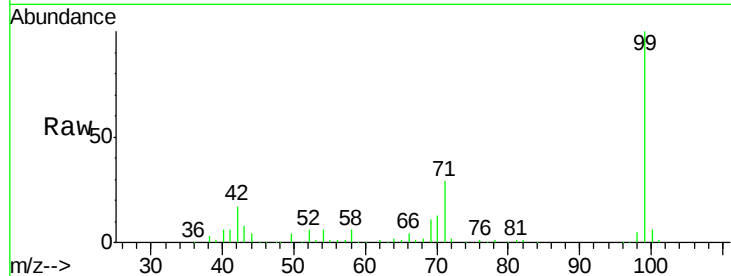
Tot Ion: 99 Resp: 207760

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

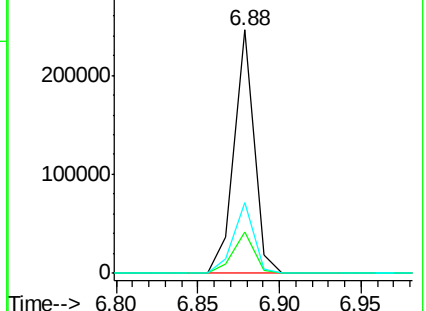
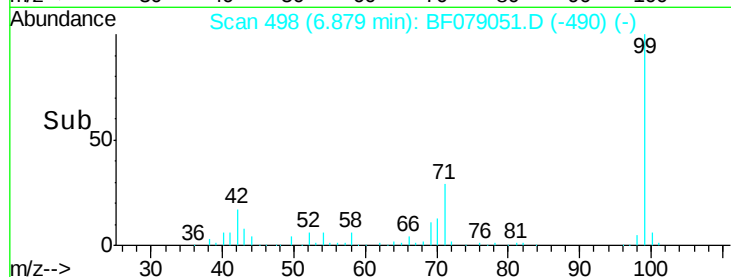
71 29.3 23.4 35.2



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. -0.00 min

Lab File: BF079051.D

Acq: 8 May 2015 21:37

Tgt Ion: 136 Resp: 433298

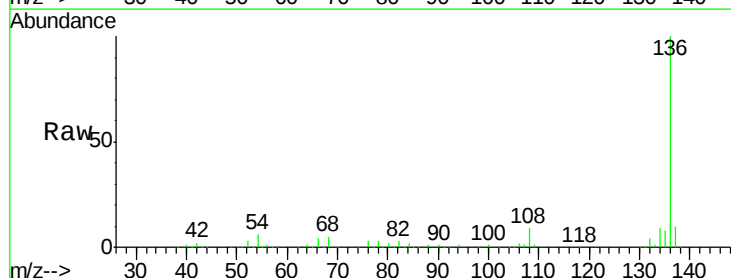
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.8 5.8 8.8#

68 4.6 4.2 6.4

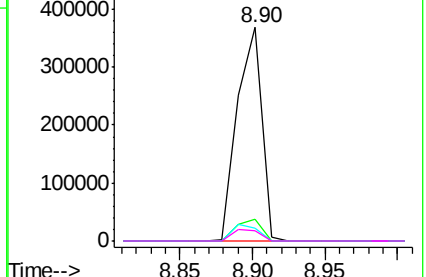
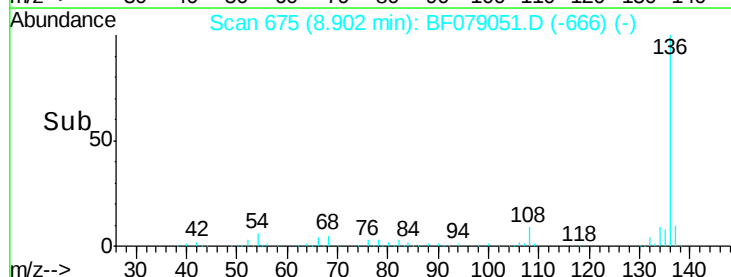


Abundance Ion 136.00 (135.70 to 136.70): E

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

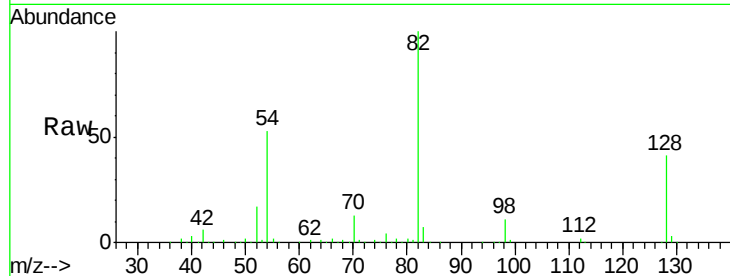




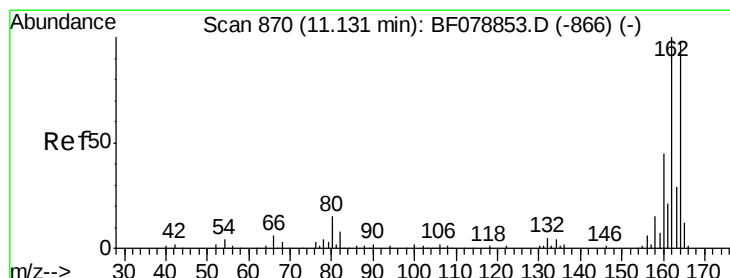
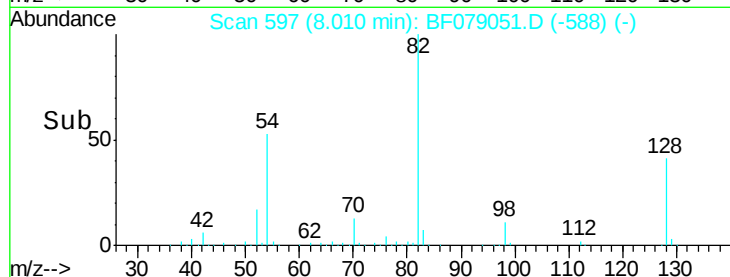
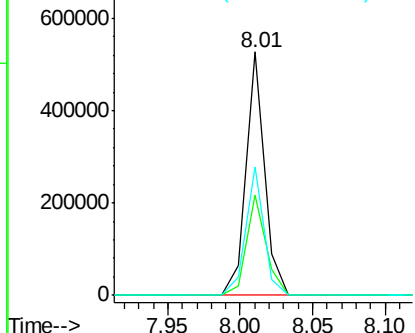
#23
Nitrobenzene-d5
Concen: 62.16 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF079051.D
Acq: 8 May 2015 21:37

Instrument :
BNA_F
ClientSampleId :
B4GW

Tot Ion: 82 Resp: 468611
Ion Ratio Lower Upper
82 100
128 41.3 30.0 45.0
54 52.8 46.4 69.6

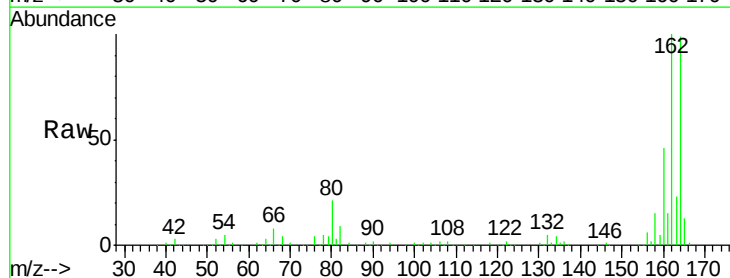


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

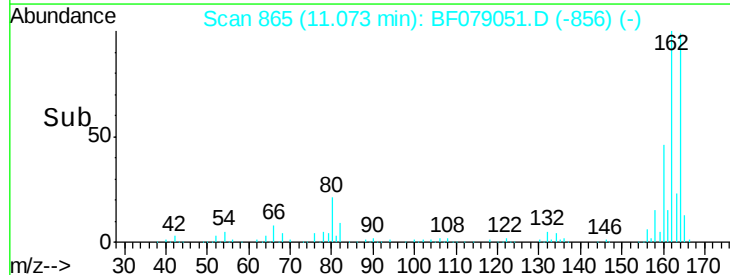
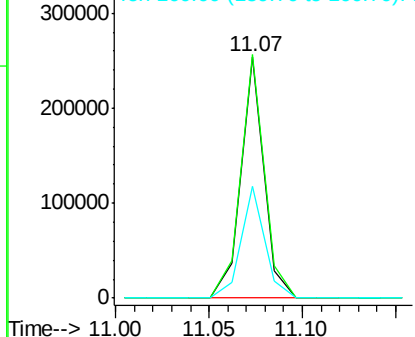


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF079051.D
Acq: 8 May 2015 21:37

Tgt Ion:164 Resp: 220044
Ion Ratio Lower Upper
164 100
162 100.8 82.7 124.1
160 46.2 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

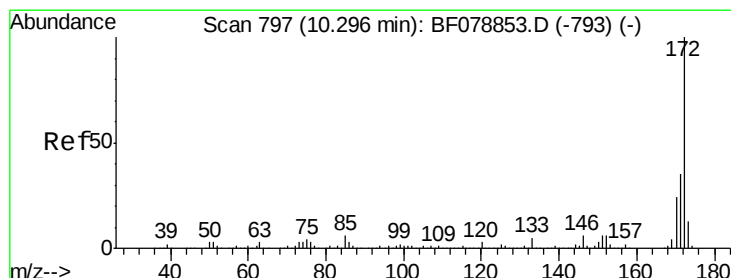
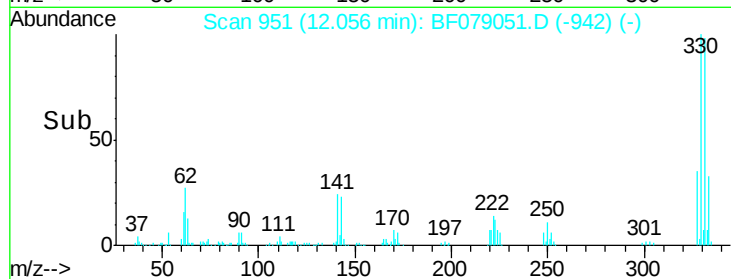
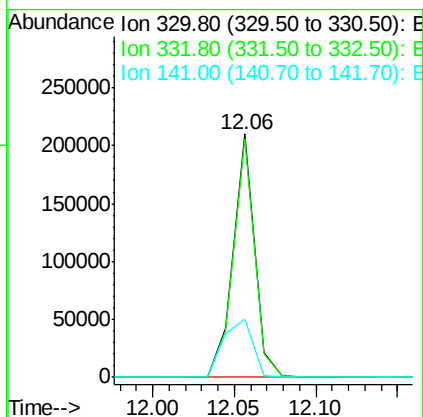
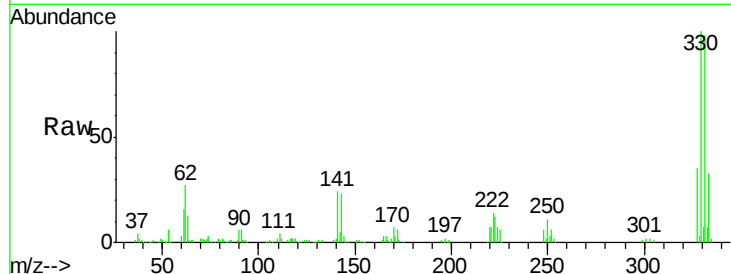




#41
 2,4,6-Tribromophenol
 Concen: 79.62 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079051.D
 Acq: 8 May 2015 21:37

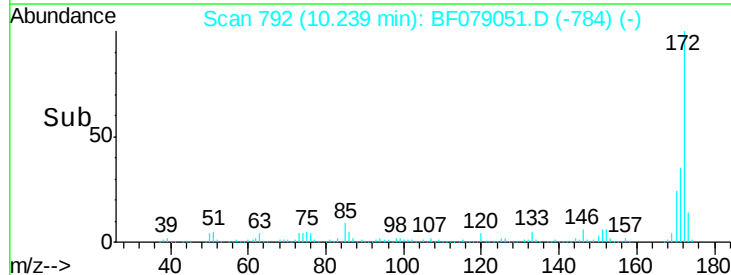
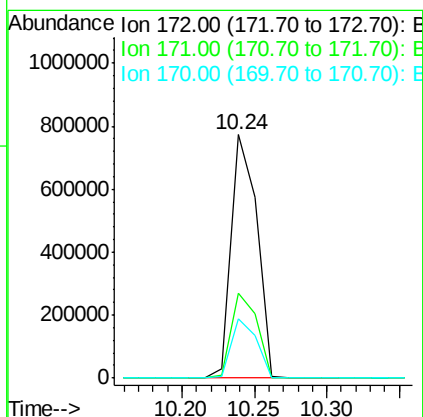
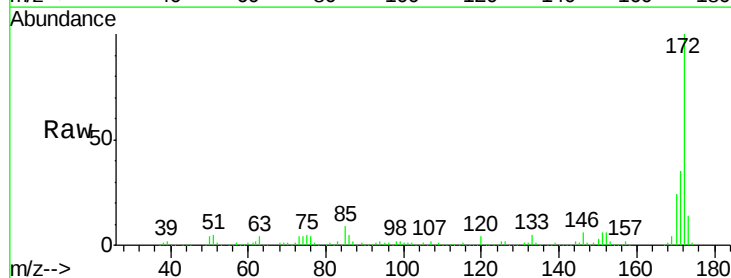
Instrument :
 BNA_F
 ClientSampled :
 B4GW

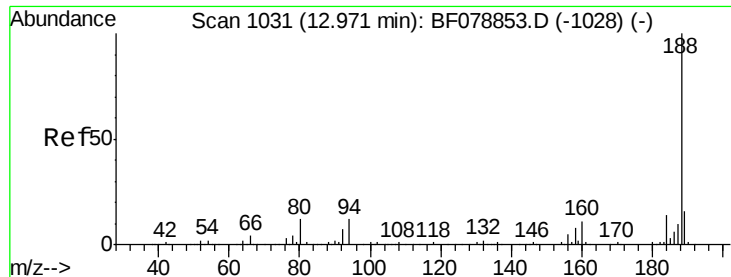
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	32.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 60.04 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079051.D
 Acq: 8 May 2015 21:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	24.1	19.4	29.0

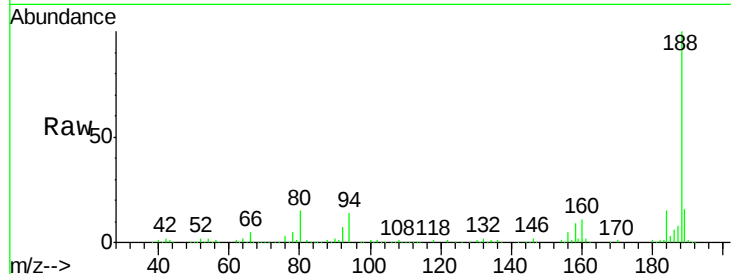




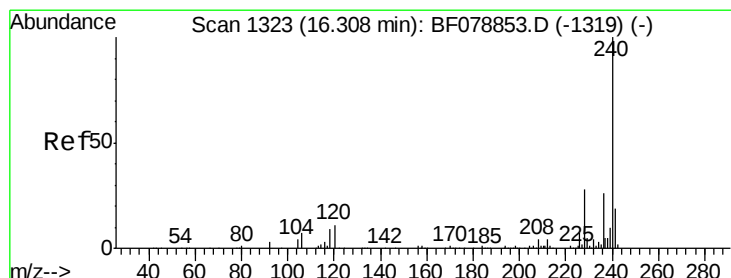
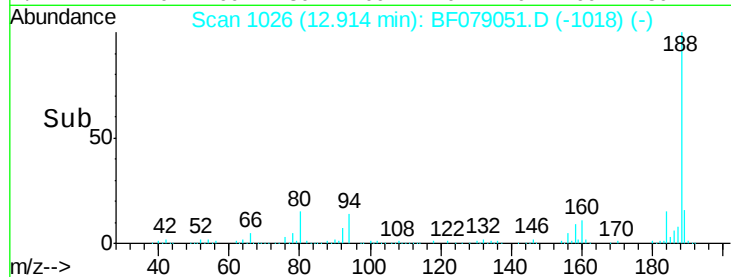
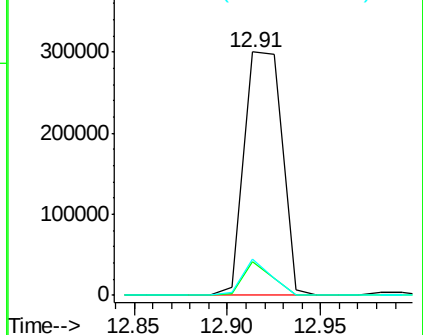
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF079051.D
Acq: 8 May 2015 21:37

Instrument :
BNA_F
ClientSampleId :
B4GW

Tot Ion:188 Resp: 422752
Ion Ratio Lower Upper
188 100
94 13.7 8.2 12.2#
80 15.0 8.9 13.3#

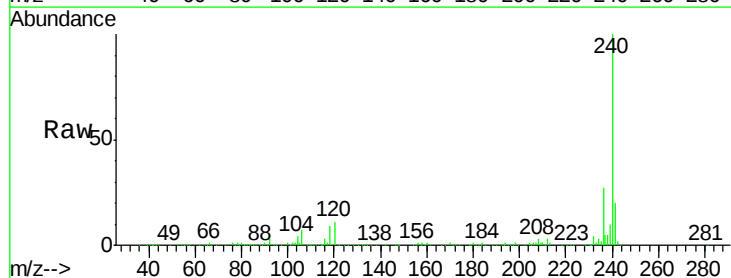


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

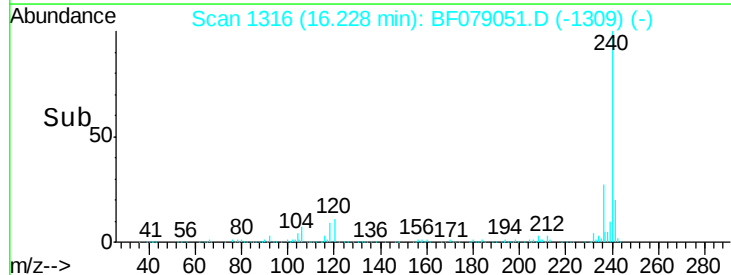
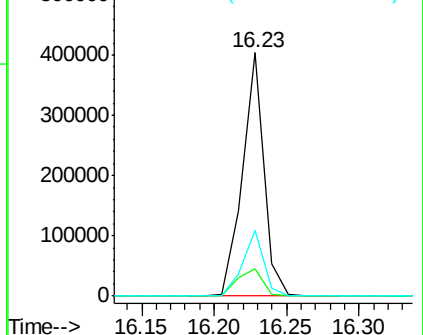


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF079051.D
Acq: 8 May 2015 21:37

Tgt Ion:240 Resp: 416986
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 26.7 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

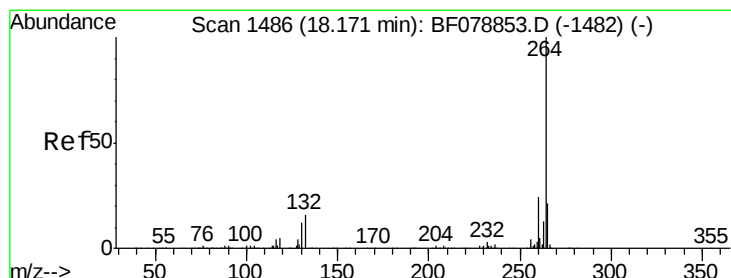
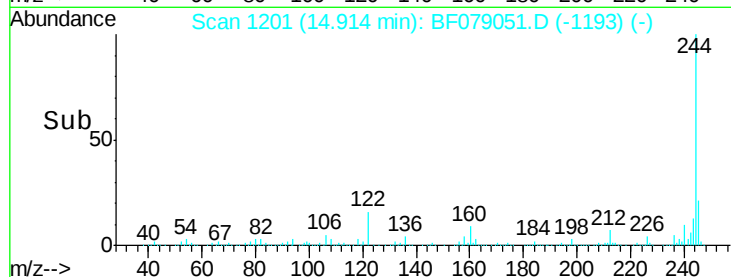
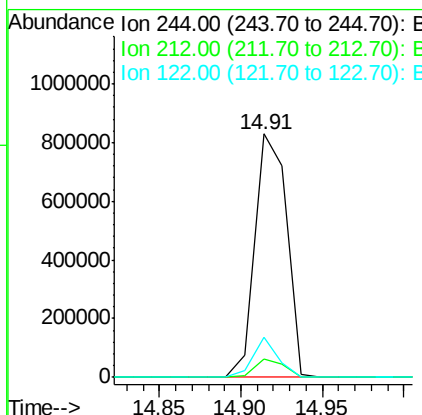
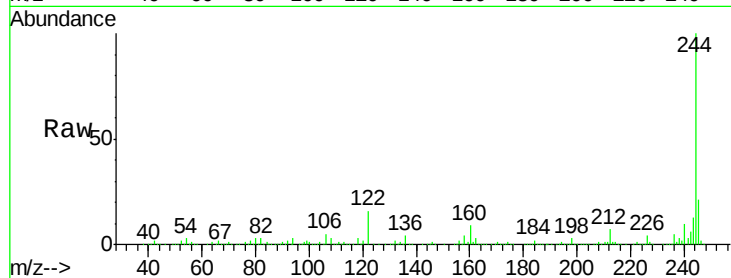




#78
 Terphenyl-d14
 Concen: 64.65 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF079051.D
 Acq: 8 May 2015 21:37

Instrument :
 BNA_F
 ClientSampled :
 B4GW

Tot Ion:244 Resp: 1126005
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 16.5 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. -0.06 min
 Lab File: BF079051.D
 Acq: 8 May 2015 21:37

Tgt Ion:264 Resp: 399624
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.4 18.3 27.5

