

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079067.D
 Acq On : 9 May 2015 7:07
 Operator : TP/IZ
 Sample : G2152-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-12-2.5

Quant Time: May 11 01:26:56 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 00:37:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	78225	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	326386	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	164537	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	324605	20.00	ng	0.00
75) Chrysene-d12	16.22	240	307170	20.00	ng	0.00
86) Perylene-d12	18.00	264	308053	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	307361	67.64	ng	0.00
7) Phenol-d6	6.88	99	432213	71.95	ng	0.00
23) Nitrobenzene-d5	8.01	82	232534	40.95	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	113902	63.99	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	446975	37.85	ng	0.00
78) Terphenyl-d14	14.91	244	512348	39.93	ng	0.00

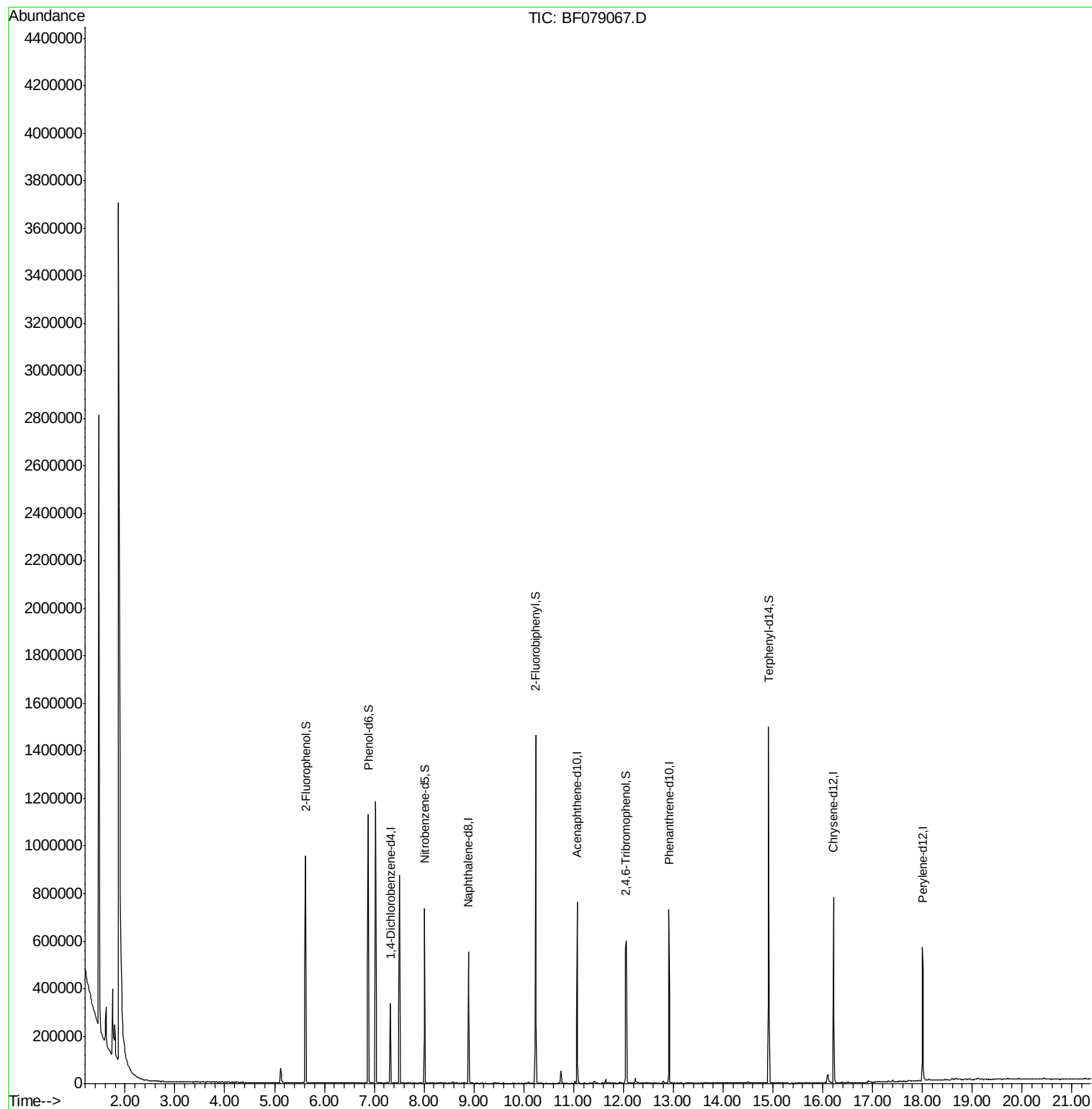
Target Compounds Qvalue

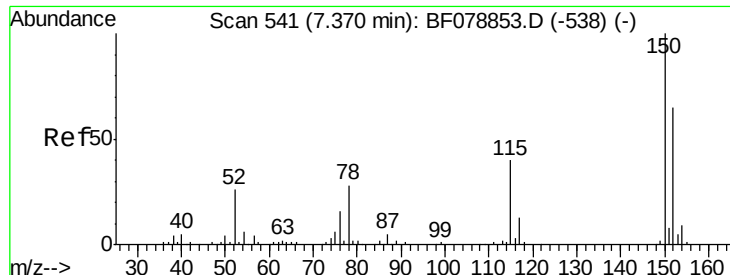
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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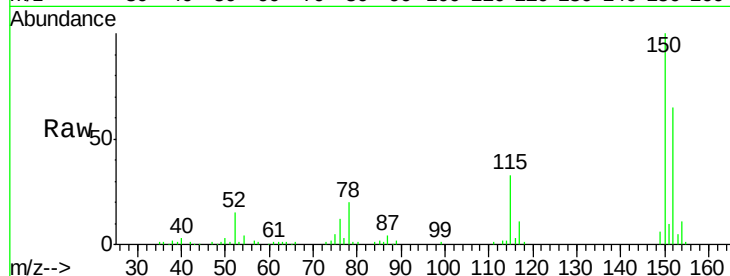


#1

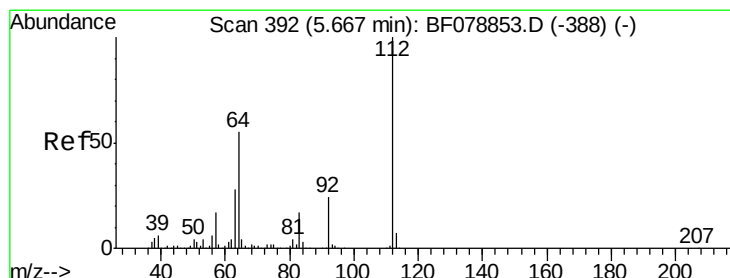
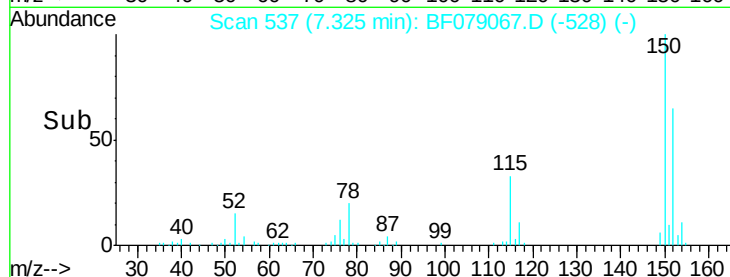
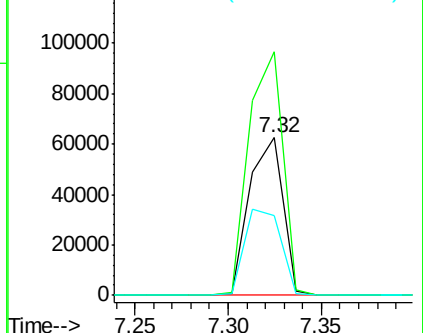
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079067.D
Acq: 9 May 2015 7:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-12-2.5

Tot Ion:152 Resp: 78225
Ion Ratio Lower Upper
152 100
150 154.3 122.0 183.0
115 50.5 46.3 69.5



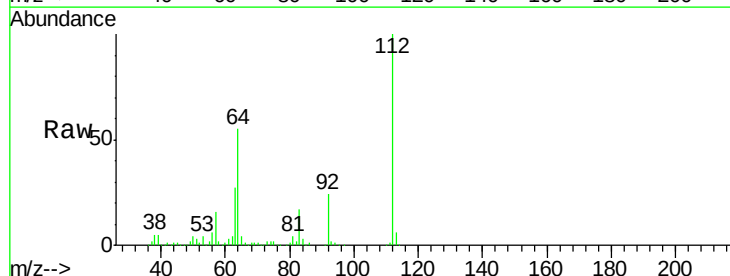
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



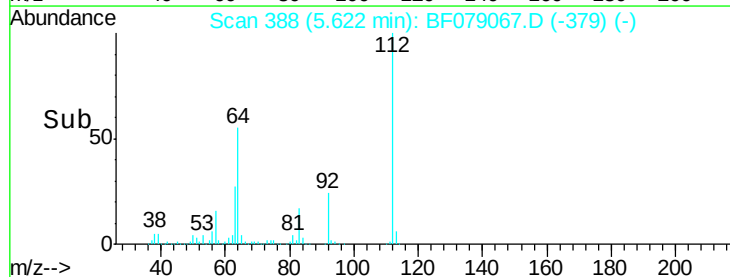
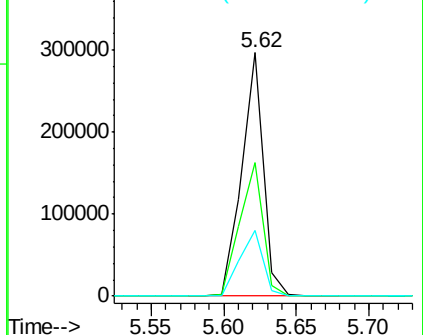
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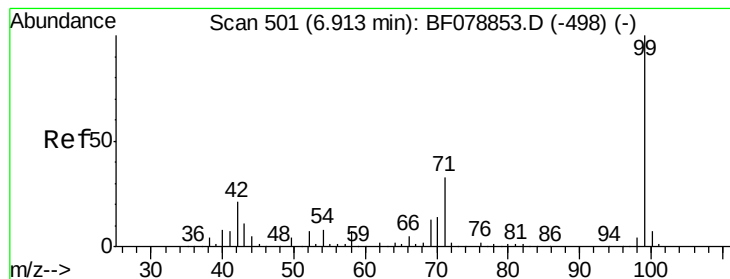
2-Fluorophenol
Concen: 67.64 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079067.D
Acq: 9 May 2015 7:07

Tgt Ion:112 Resp: 307361
Ion Ratio Lower Upper
112 100
64 54.8 53.5 80.3
63 27.2 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: 71.95 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079067.D

Acq: 9 May 2015 7:07

Instrument :

BNA_F

ClientSampleId :

TU021-SB-12-2.5

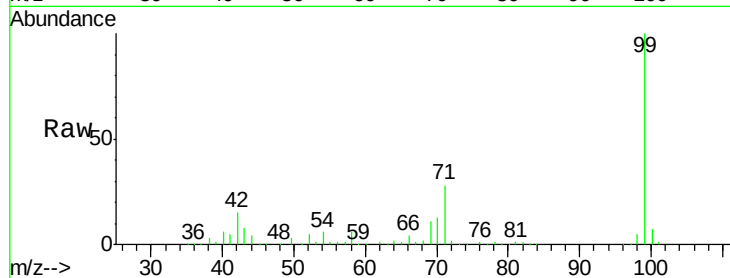
Tot Ion: 99 Resp: 432213

Ion Ratio Lower Upper

99 100

42 15.4 12.8 19.2

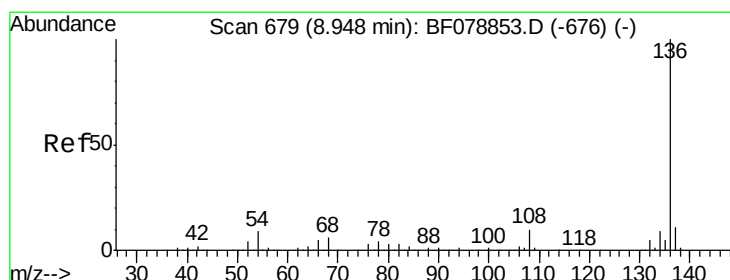
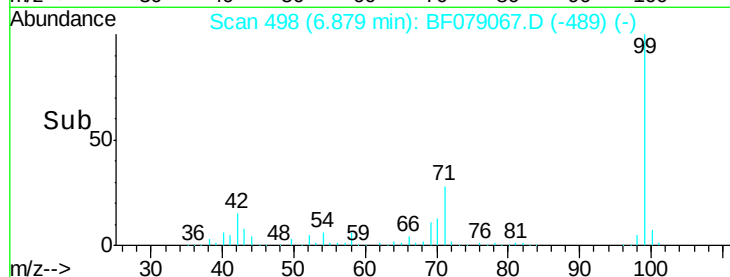
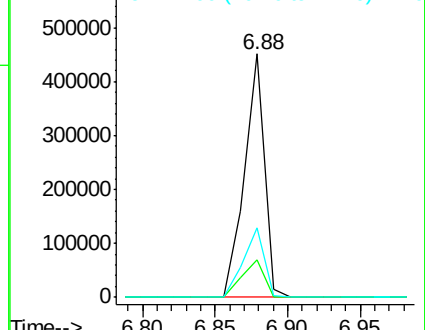
71 28.4 23.4 35.2



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: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079067.D

Acq: 9 May 2015 7:07

Tgt Ion: 136 Resp: 326386

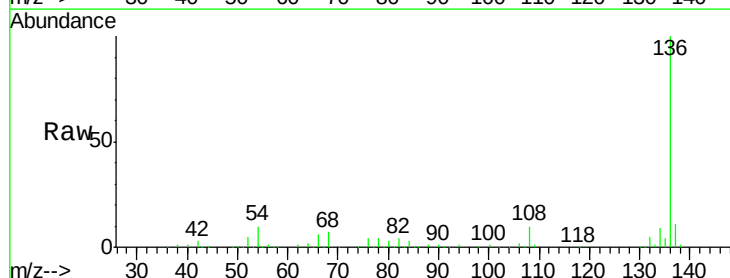
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.9 5.8 8.8#

68 7.4 4.2 6.4#

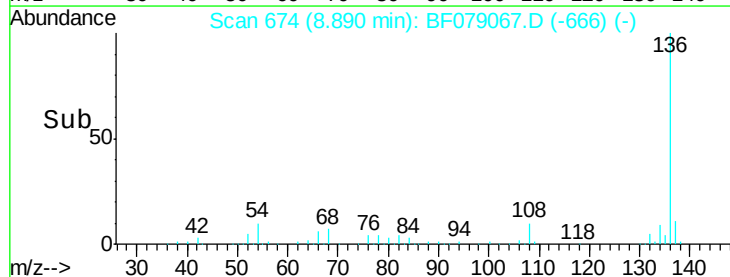
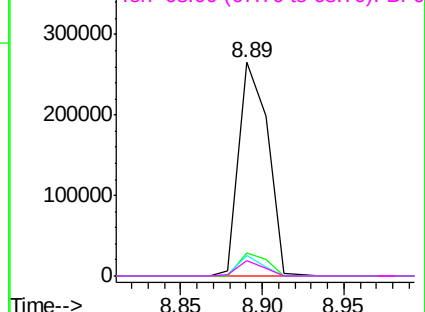


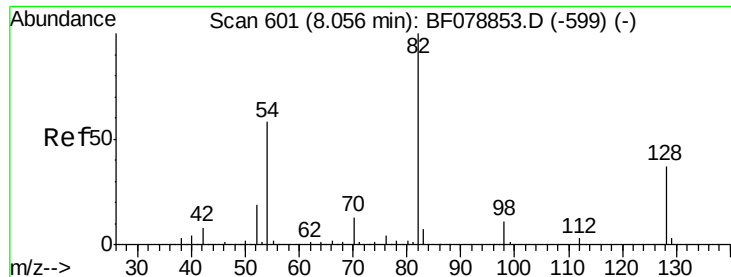
Abundance Ion 136.00 (135.70 to 136.70): E

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

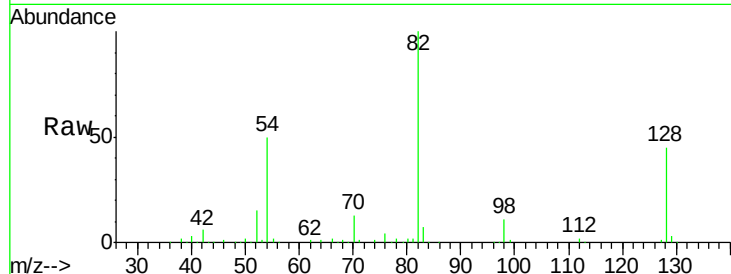




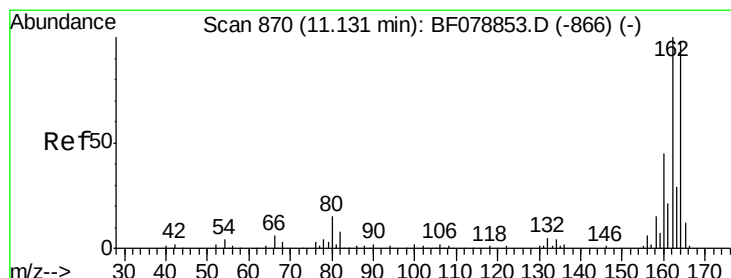
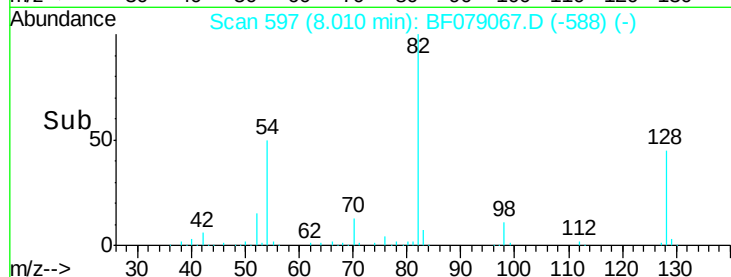
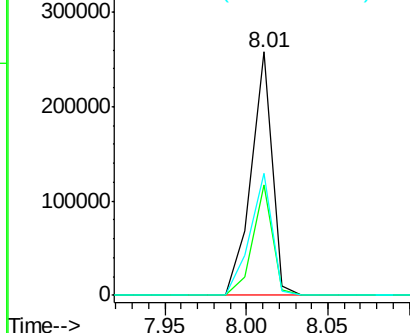
#23
 Nitrobenzene-d5
 Concen: 40.95 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079067.D
 Acq: 9 May 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-12-2.5

Tot Ion: 82 Resp: 232534
 Ion Ratio Lower Upper
 82 100
 128 45.5 30.0 45.0#
 54 49.9 46.4 69.6

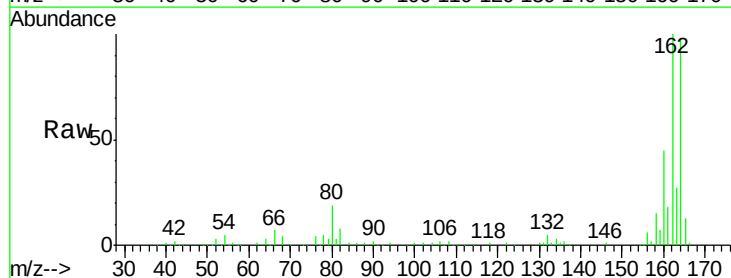


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

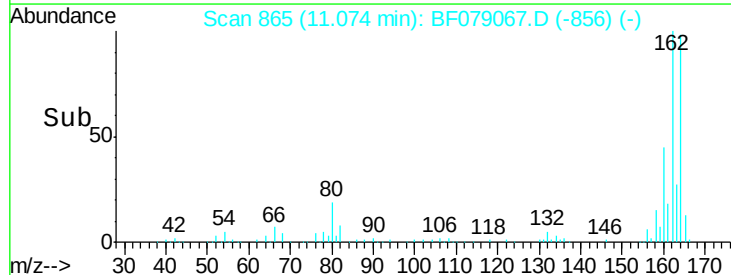
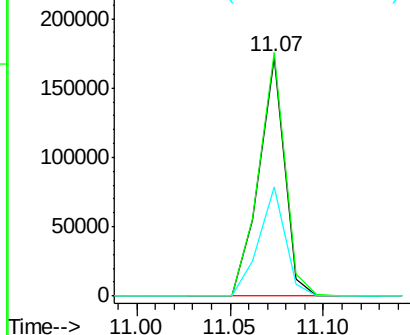


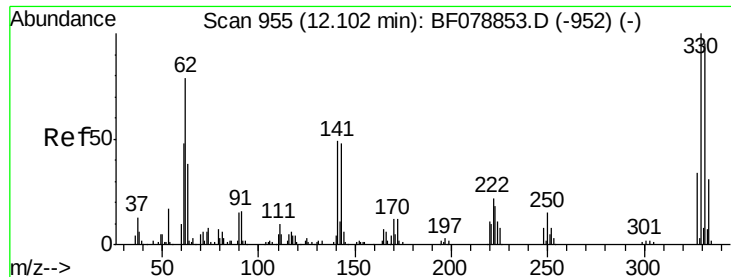
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079067.D
 Acq: 9 May 2015 7:07

Tgt Ion:164 Resp: 164537
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.7 124.1
 160 45.6 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

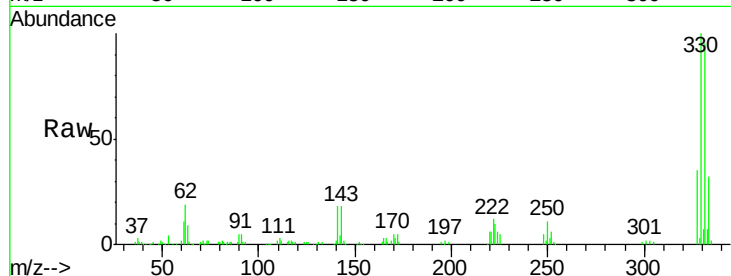




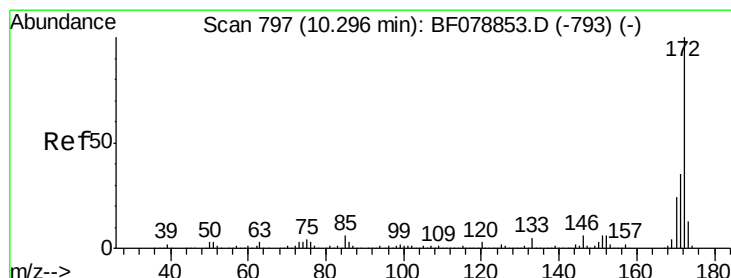
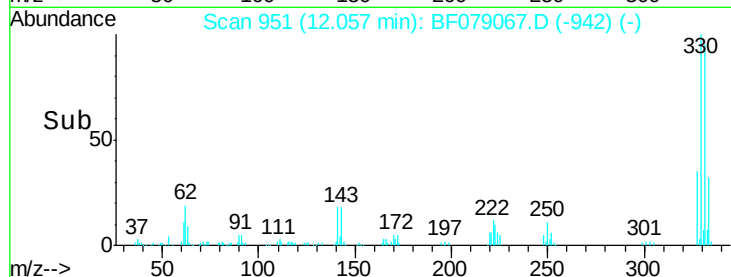
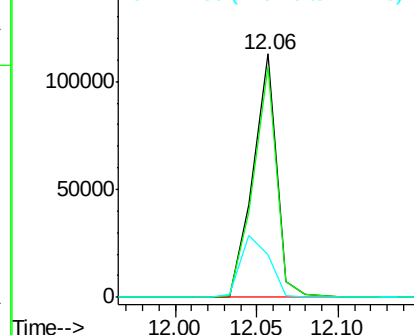
#41
 2,4,6-Tribromophenol
 Concen: 63.99 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079067.D
 Acq: 9 May 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-12-2.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	31.0	0.0	0.0#

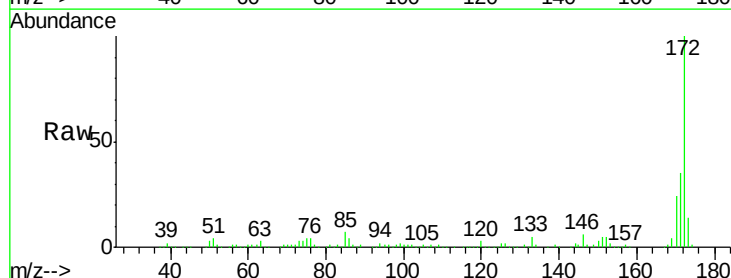


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

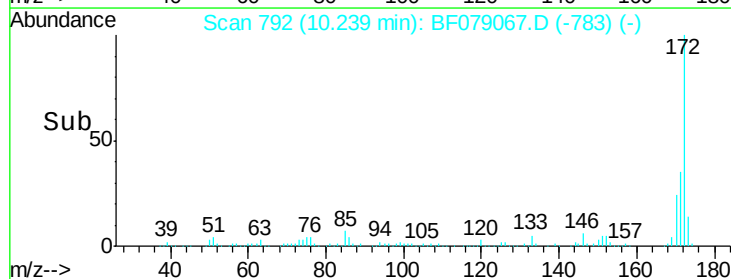
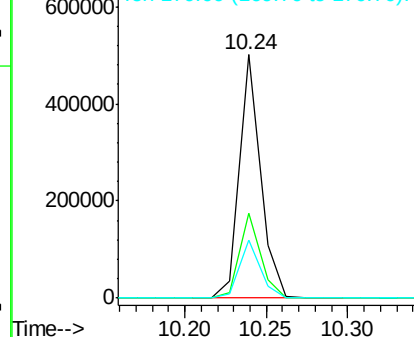


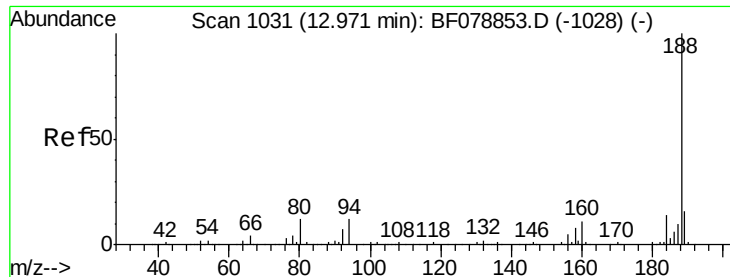
#44
 2-Fluorobiphenyl
 Concen: 37.85 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079067.D
 Acq: 9 May 2015 7:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.6	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

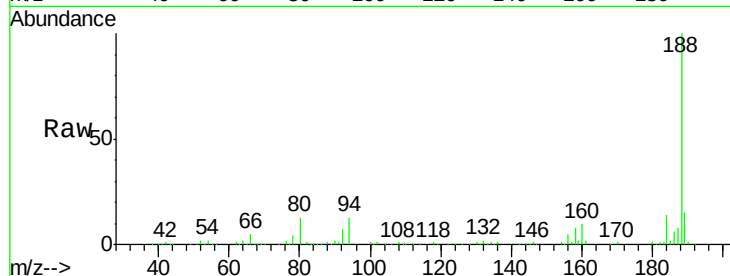




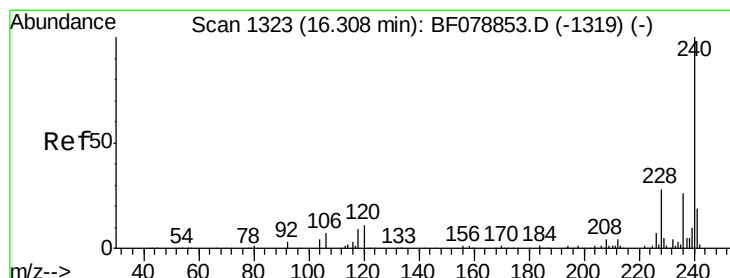
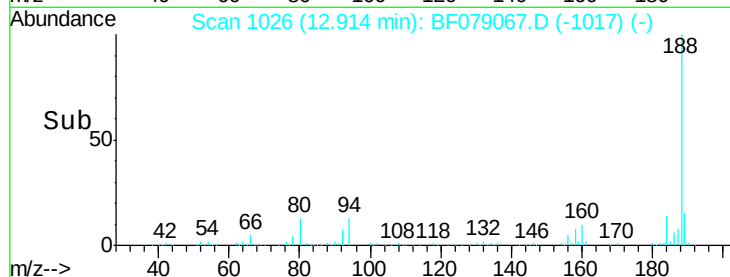
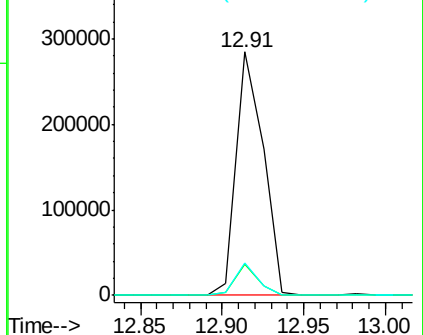
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079067.D
Acq: 9 May 2015 7:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-12-2.5

Tot Ion:188 Resp: 324605
Ion Ratio Lower Upper
188 100
94 13.0 8.2 12.2#
80 13.4 8.9 13.3#

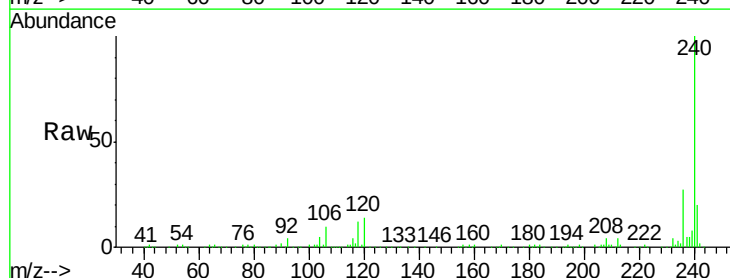


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

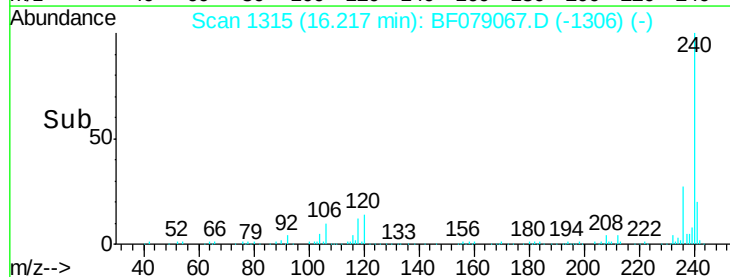
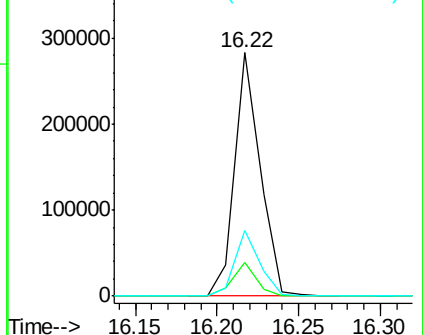


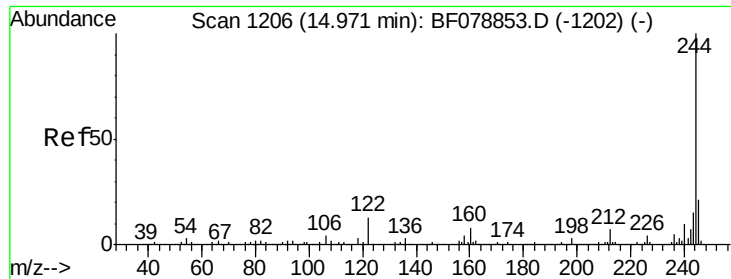
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF079067.D
Acq: 9 May 2015 7:07

Tgt Ion:240 Resp: 307170
Ion Ratio Lower Upper
240 100
120 13.6 9.7 14.5
236 26.8 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

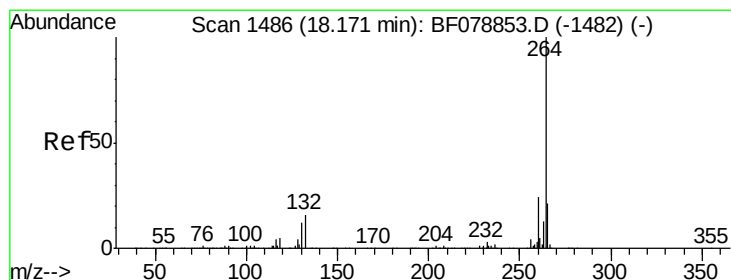
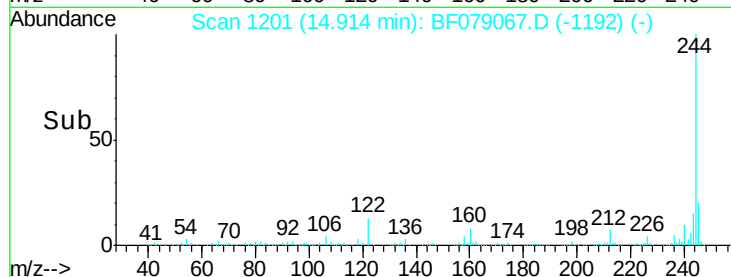
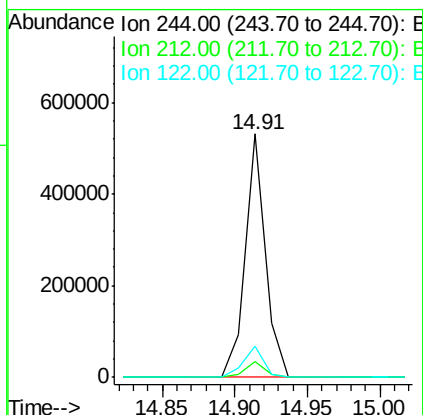
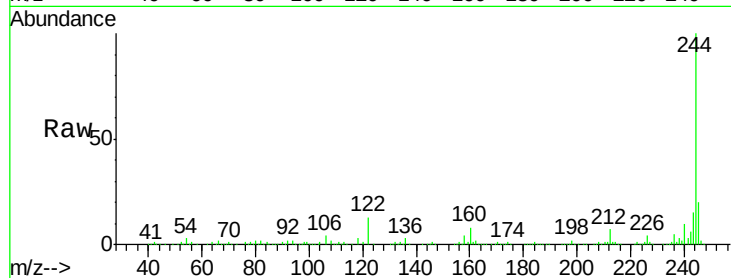




#78
 Terphenyl-d14
 Concen: 39.93 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079067.D
 Acq: 9 May 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-12-2.5

Tot Ion:244 Resp: 512348
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 12.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1471
 Delta R.T. 0.07 min
 Lab File: BF079067.D
 Acq: 9 May 2015 7:07

Tgt Ion:264 Resp: 308053
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.2 18.3 27.5

