

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079038.D
 Acq On : 8 May 2015 15:24
 Operator : TP/IZ
 Sample : PB83243BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BL

Quant Time: May 08 23:01:30 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	68203	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	287234	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	132716	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	258758	20.00	ng	0.00
75) Chrysene-d12	16.26	240	260340	20.00	ng	0.01
86) Perylene-d12	18.15	264	254362	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	577231	145.69	ng	0.01
7) Phenol-d6	6.89	99	733693	140.09	ng	0.00
23) Nitrobenzene-d5	8.01	82	399296	79.89	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	197113	137.29	ng	0.00
44) 2-Fluorobiphenyl	10.25	172	828514	86.97	ng	0.00
78) Terphenyl-d14	14.93	244	968322	89.05	ng	0.00

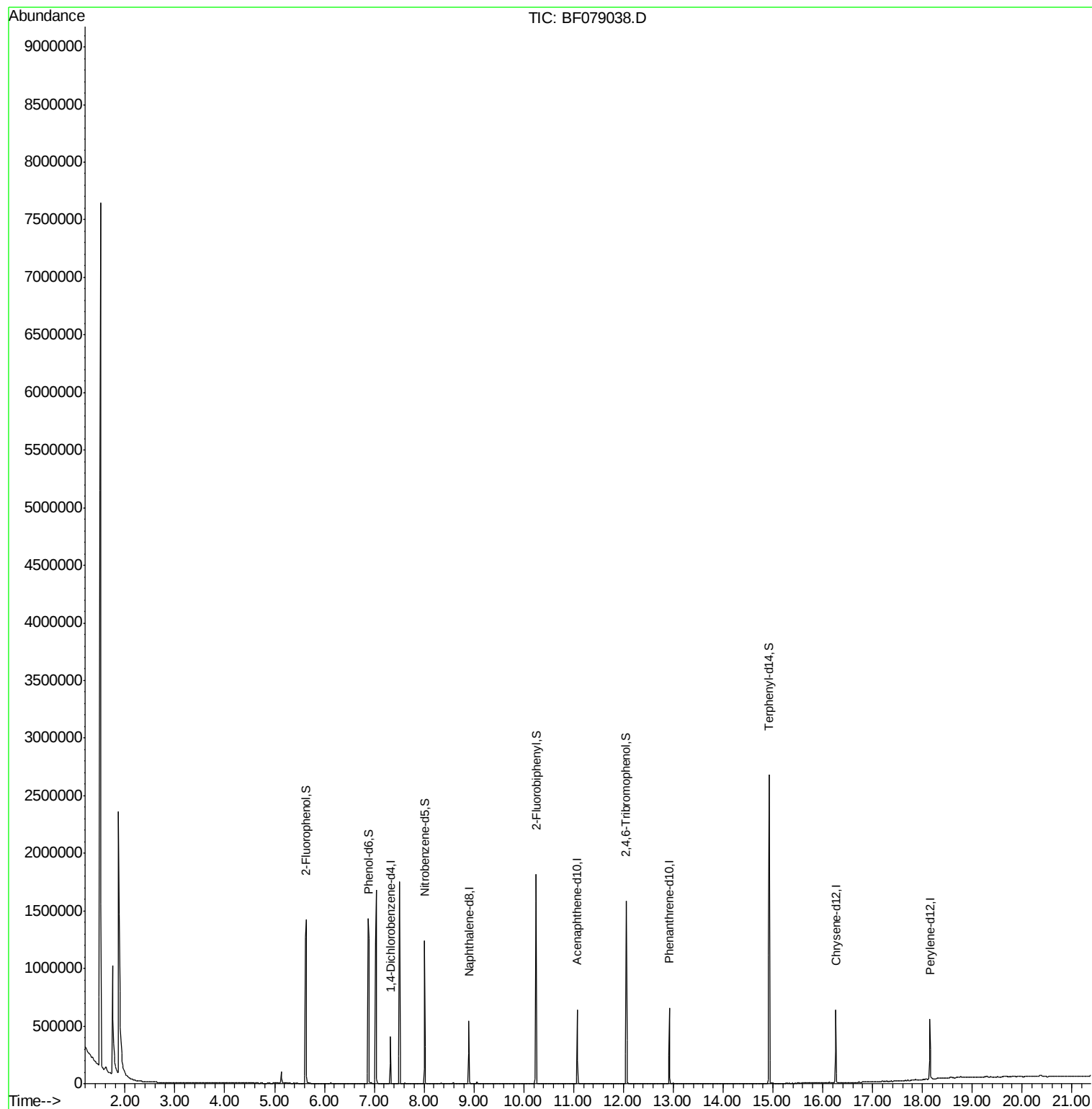
Target Compounds Qvalue

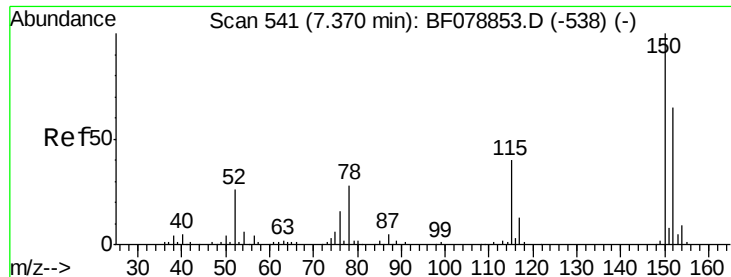
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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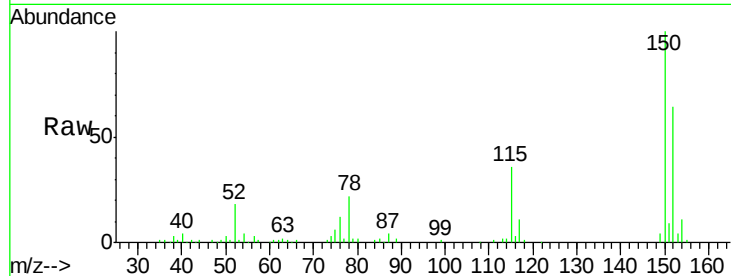


#1

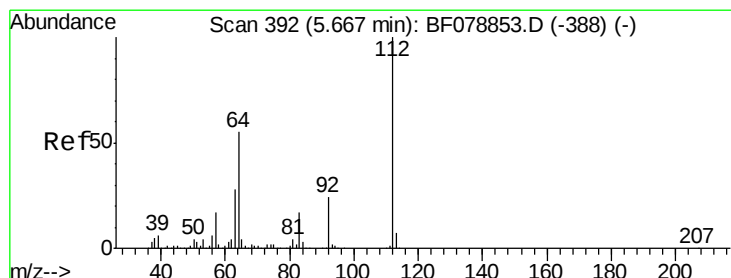
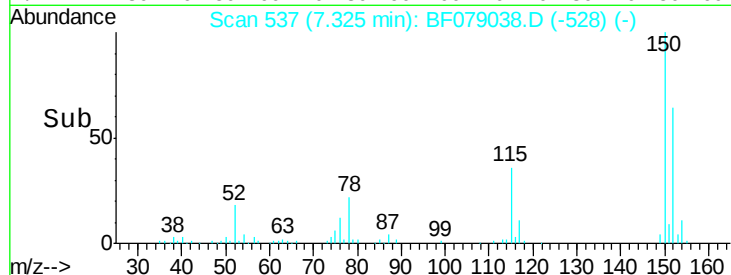
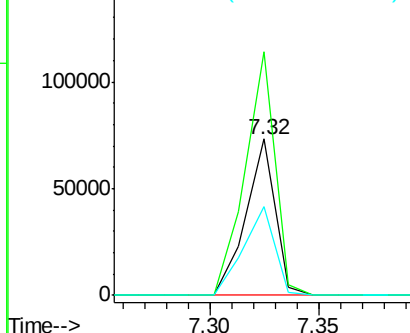
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079038.D
Acq: 8 May 2015 15:24

Instrument :
BNA_F
ClientSampled :
PB83243BL

Tot Ion:152 Resp: 68203
Ion Ratio Lower Upper
152 100
150 155.7 122.0 183.0
115 56.5 46.3 69.5



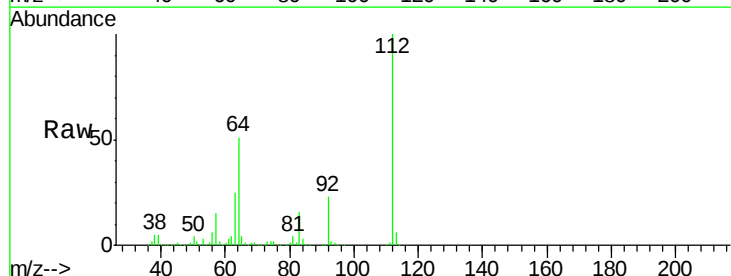
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



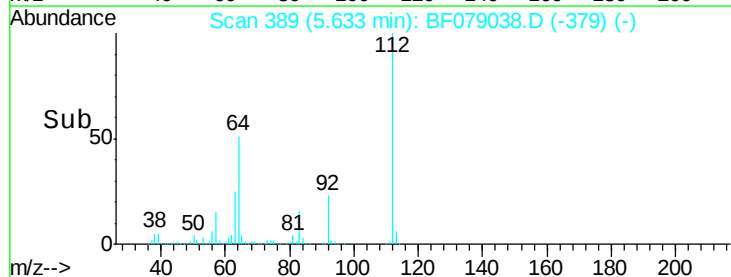
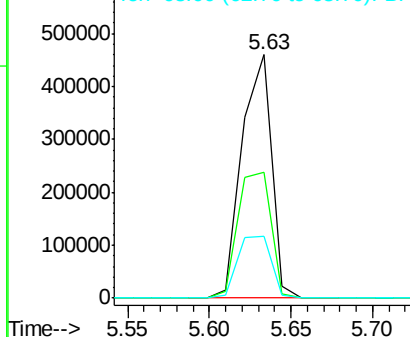
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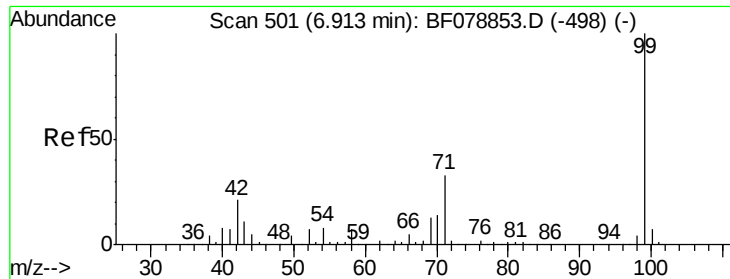
2-Fluorophenol
Concen: 145.69 ng
RT: 5.63 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF079038.D
Acq: 8 May 2015 15:24

Tgt Ion:112 Resp: 577231
Ion Ratio Lower Upper
112 100
64 51.5 53.5 80.3#
63 25.2 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: 140.09 ng

RT: 6.89 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF079038.D

Acq: 8 May 2015 15:24

Instrument :

BNA_F

ClientSampleId :

PB83243BL

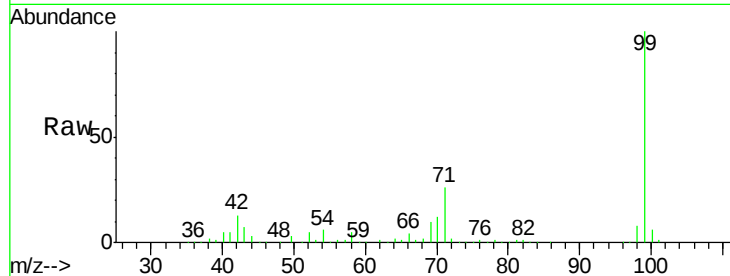
Tot Ion: 99 Resp: 733693

Ion Ratio Lower Upper

99 100

42 13.3 12.8 19.2

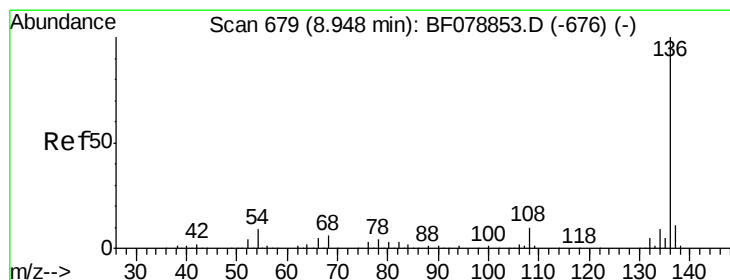
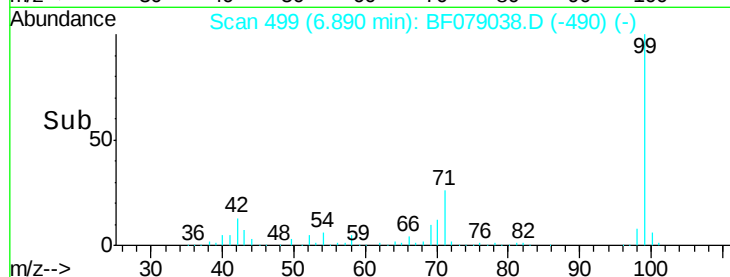
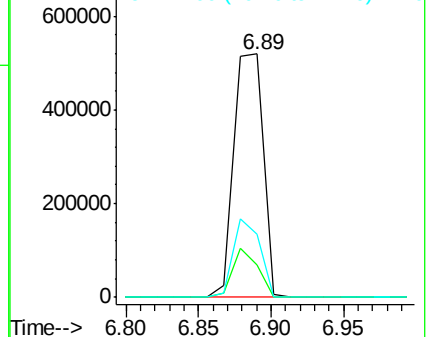
71 26.1 23.4 35.2



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: 8.90 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF079038.D

Acq: 8 May 2015 15:24

Tgt Ion: 136 Resp: 287234

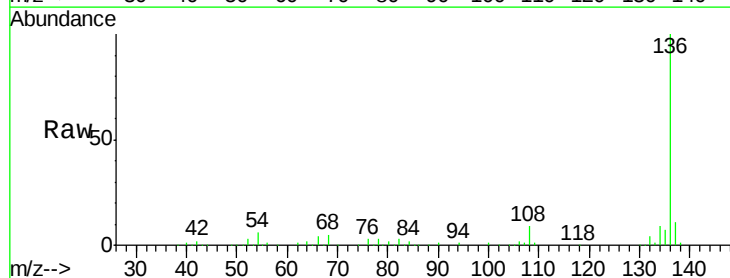
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.4 5.8 8.8

68 4.9 4.2 6.4

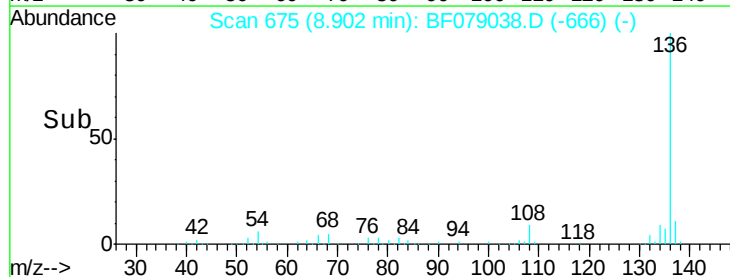
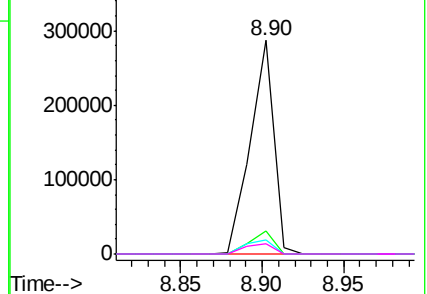


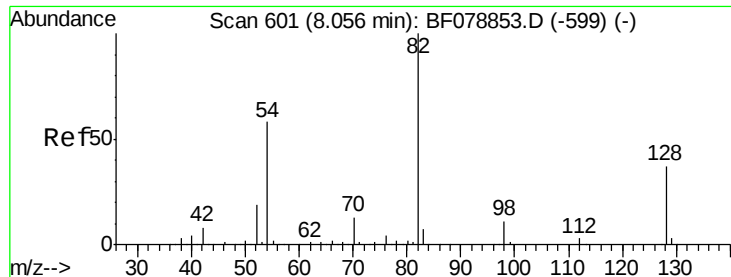
Abundance Ion 136.00 (135.70 to 136.70): E

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

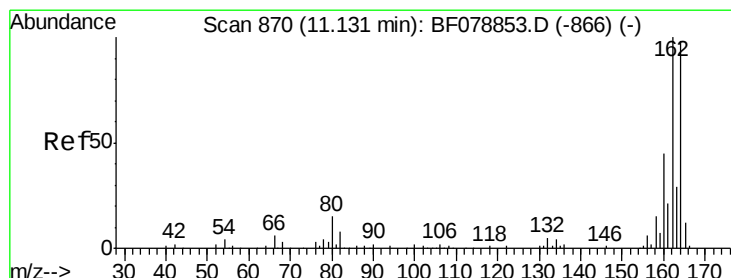
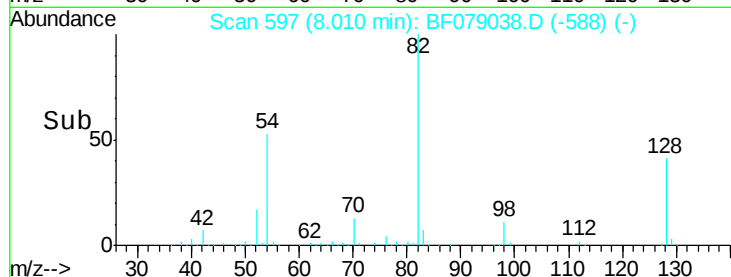
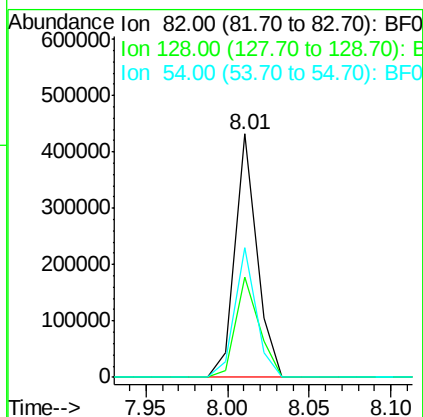
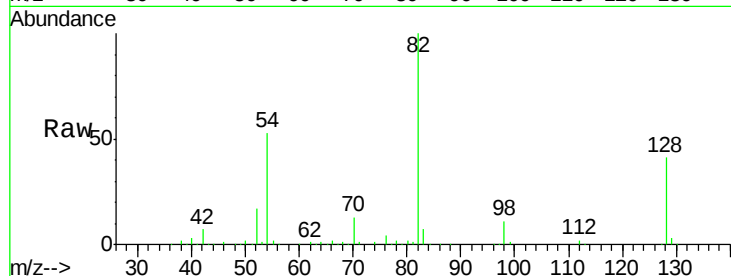




#23
 Nitrobenzene-d5
 Concen: 79.89 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079038.D
 Acq: 8 May 2015 15:24

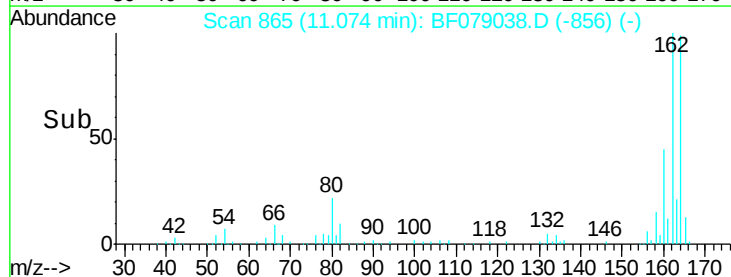
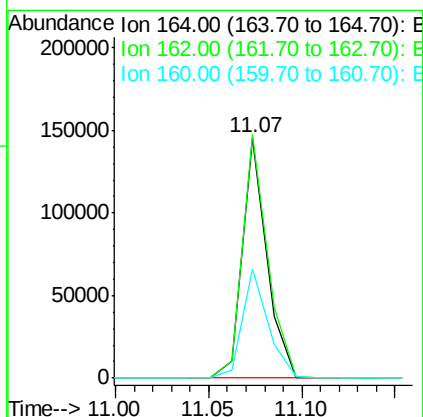
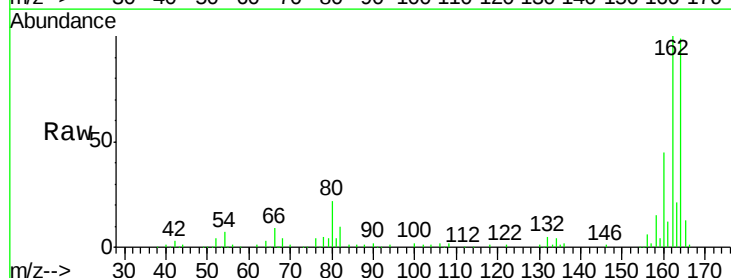
Instrument :
 BNA_F
 ClientSampleId :
 PB83243BL

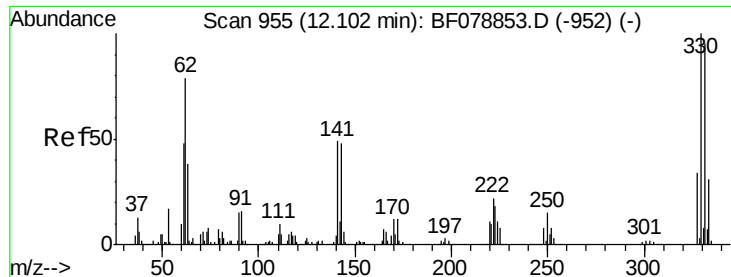
Tot Ion	82	Resp	399296
Ion Ratio	100	Lower	Upper
128	41.0	30.0	45.0
54	53.1	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079038.D
 Acq: 8 May 2015 15:24

Tgt Ion	164	Resp	132716
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.5	82.7	124.1
160	45.5	35.8	53.8

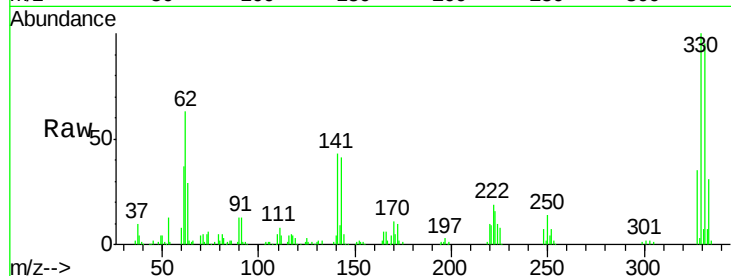




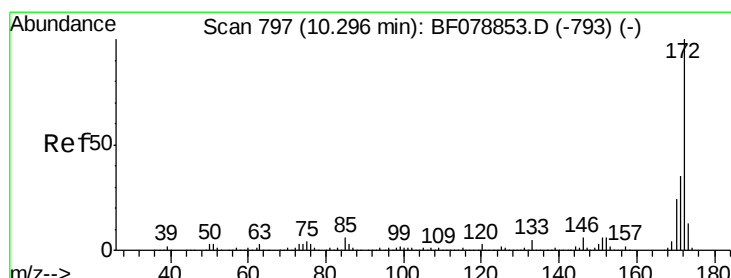
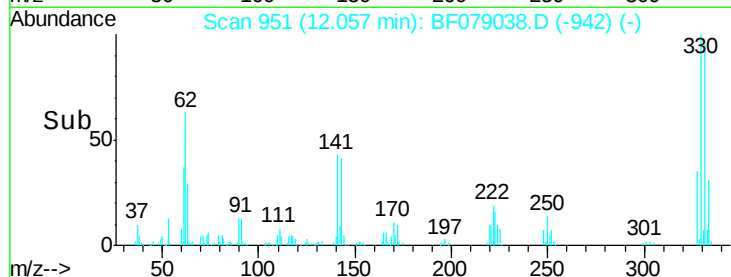
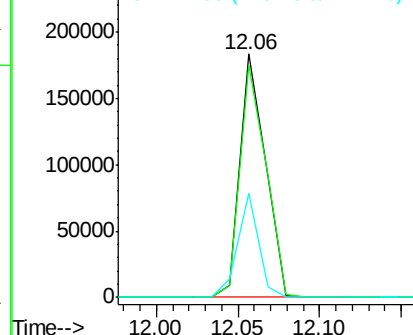
#41
 2,4,6-Tribromophenol
 Concen: 137.29 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079038.D
 Acq: 8 May 2015 15:24

Instrument :
 BNA_F
 ClientSampleID :
 PB83243BL

Tot Ion:330 Resp: 197113
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 34.7 0.0 0.0#

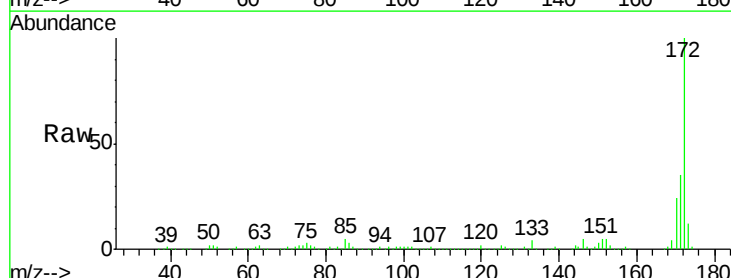


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

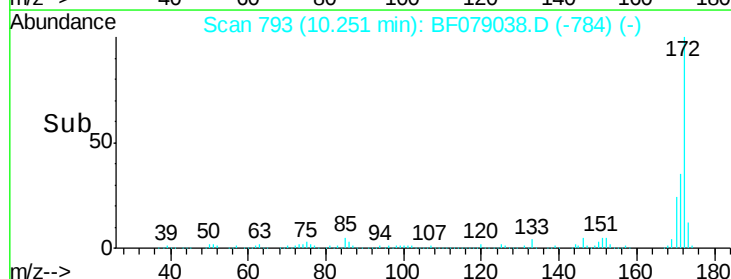
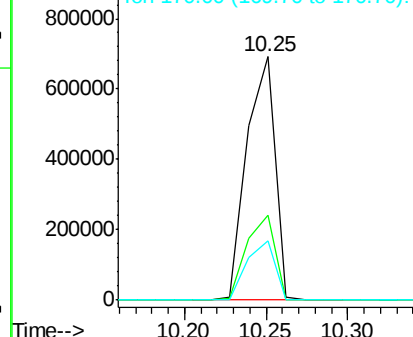


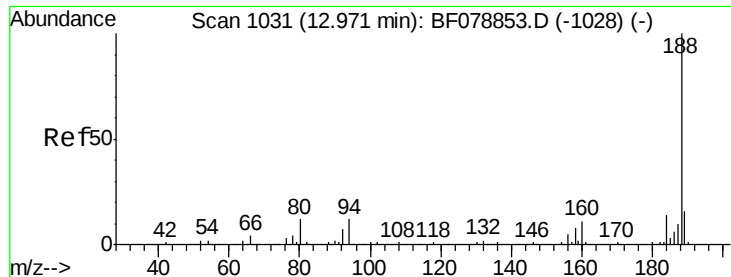
#44
 2-Fluorobiphenyl
 Concen: 86.97 ng
 RT: 10.25 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF079038.D
 Acq: 8 May 2015 15:24

Tgt Ion:172 Resp: 828514
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 24.2 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

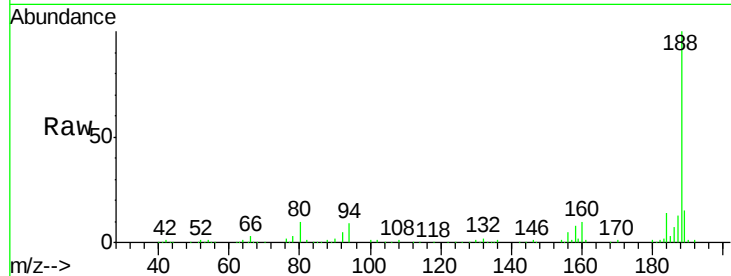




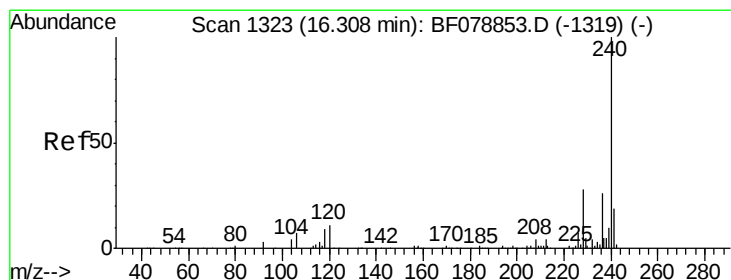
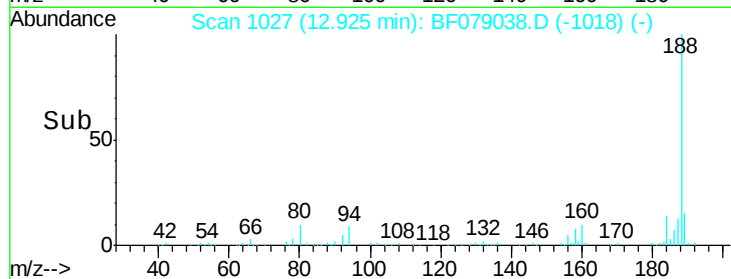
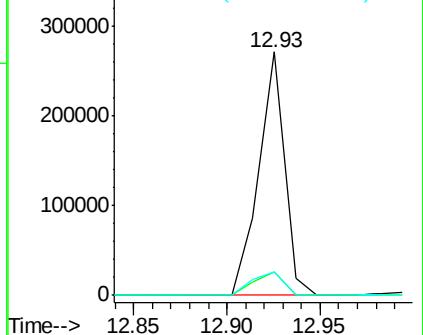
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF079038.D
Acq: 8 May 2015 15:24

Instrument :
BNA_F
ClientSampleId :
PB83243BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.7	8.9	13.3

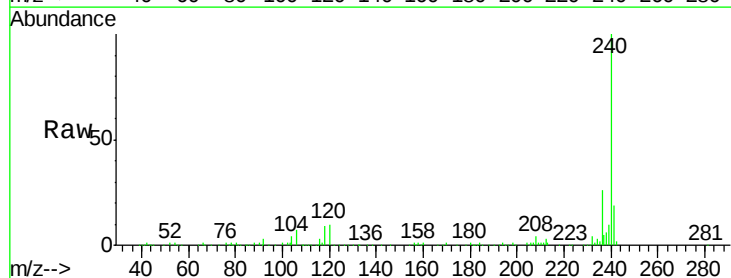


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

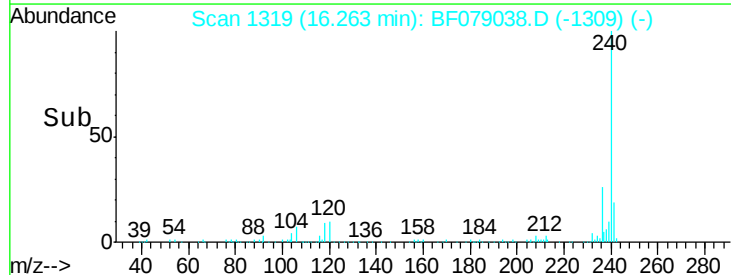
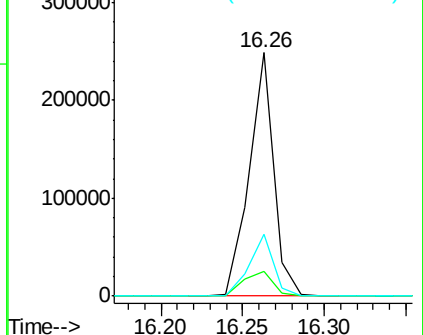


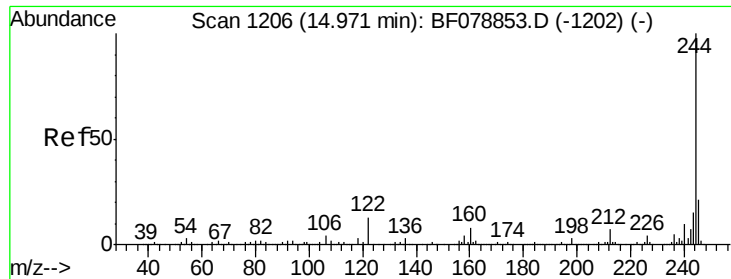
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF079038.D
Acq: 8 May 2015 15:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.7	14.5
236	25.7	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

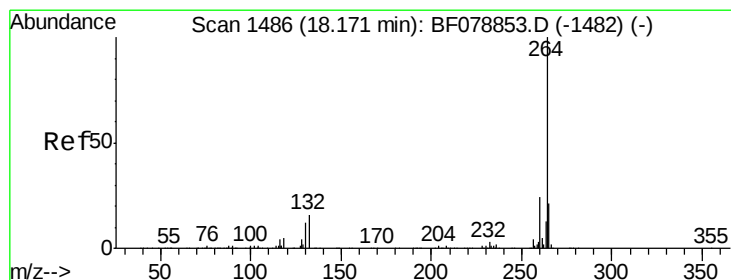
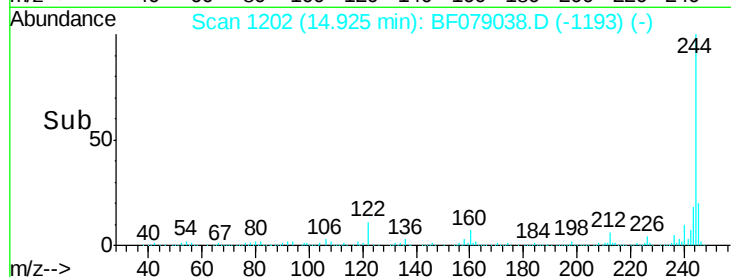
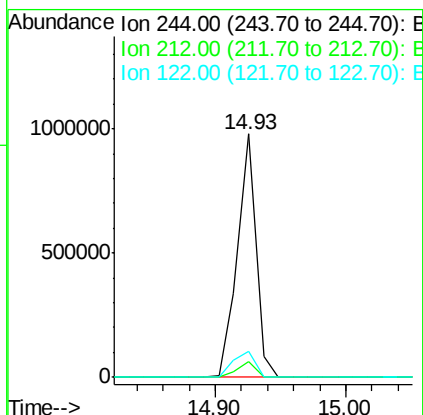
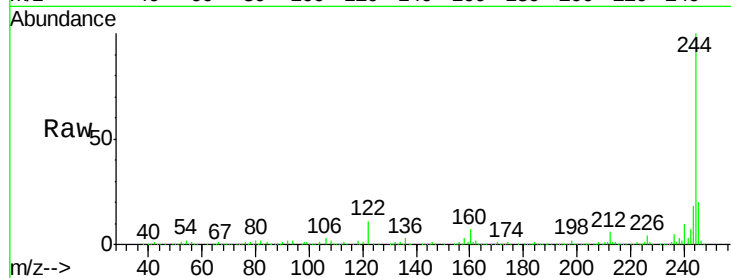




#78
 Terphenyl-d14
 Concen: 89.05 ng
 RT: 14.93 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF079038.D
 Acq: 8 May 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB83243BL

Tot Ion:244 Resp: 968322
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.15 min Scan# 1484
 Delta R.T. 0.07 min
 Lab File: BF079038.D
 Acq: 8 May 2015 15:24

Tgt Ion:264 Resp: 254362
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.7 18.3 27.5

