

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079374.D
 Acq On : 20 May 2015 8:48
 Operator : TP/IZ
 Sample : G2272-23
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 12:34:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	44737	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	178039	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	86306	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	168619	20.00	ng	0.00
75) Chrysene-d12	16.02	240	187751	20.00	ng	0.00
86) Perylene-d12	17.82	264	203390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	338110	130.10	ng	0.00
7) Phenol-d6	6.71	99	419333	122.07	ng	0.00
23) Nitrobenzene-d5	7.83	82	292613	94.46	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	149711	160.35	ng	0.00
44) 2-Fluorobiphenyl	10.06	172	589802	95.21	ng	0.00
78) Terphenyl-d14	14.72	244	741907	94.61	ng	0.00

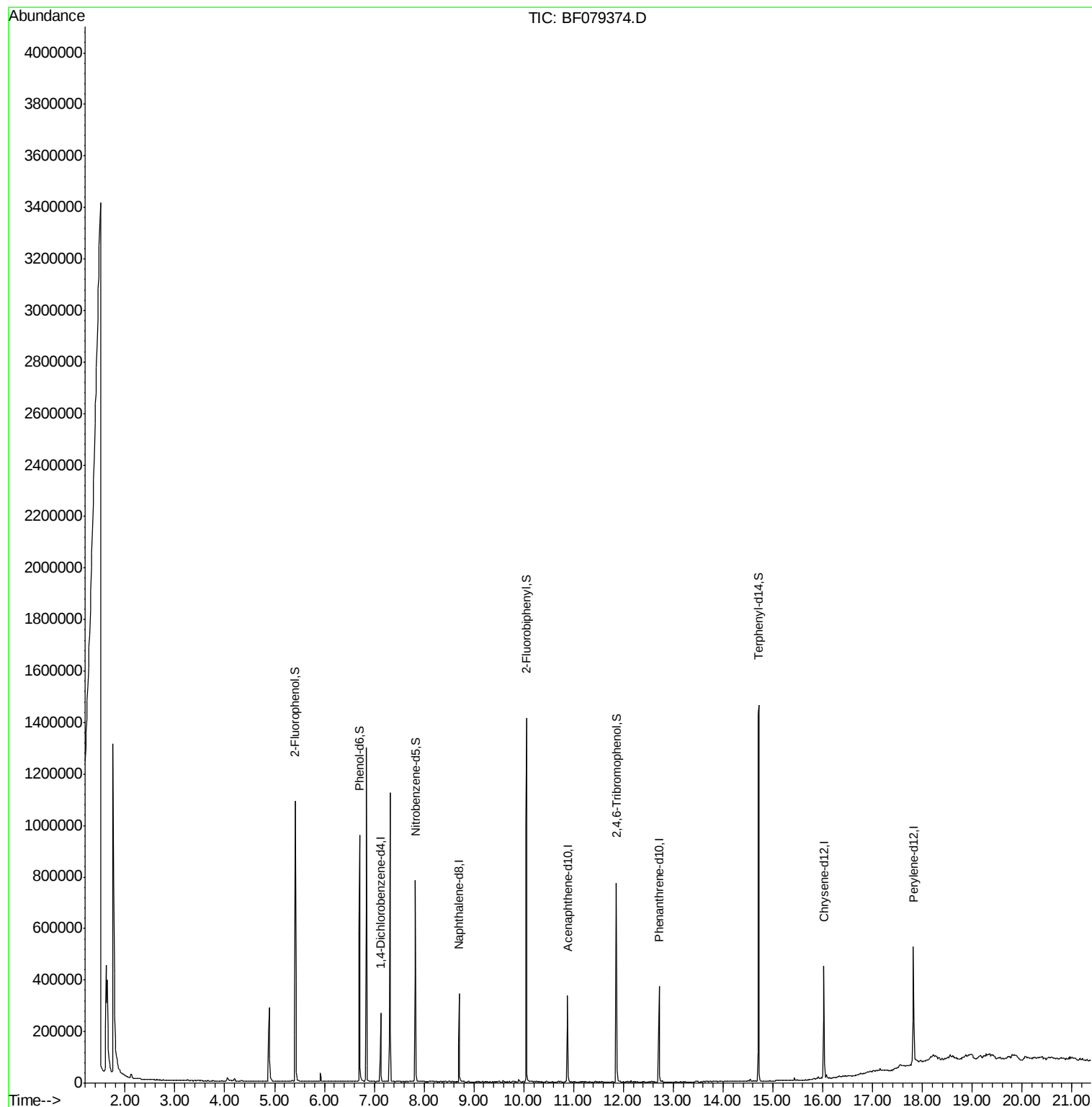
Target Compounds Qvalue

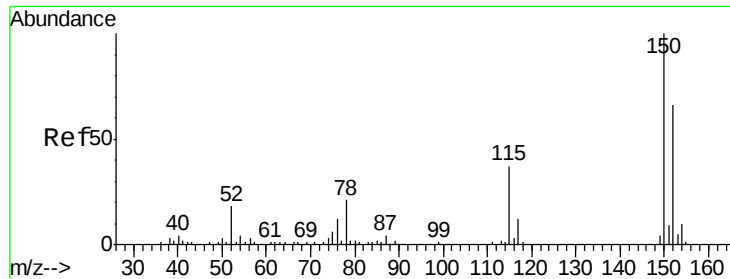
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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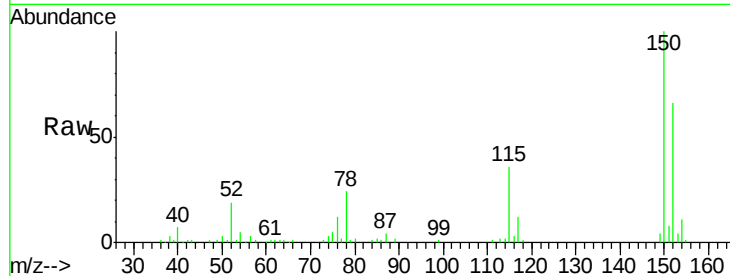




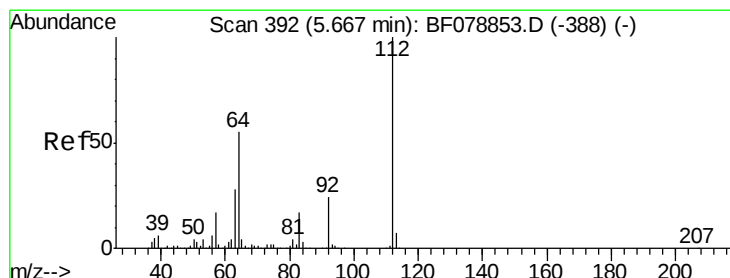
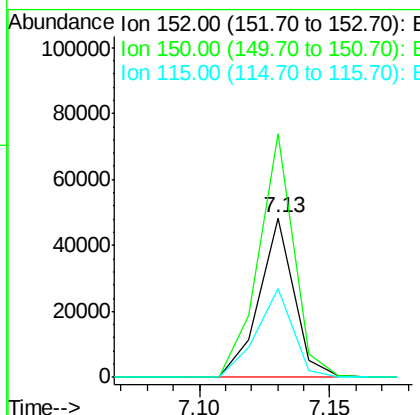
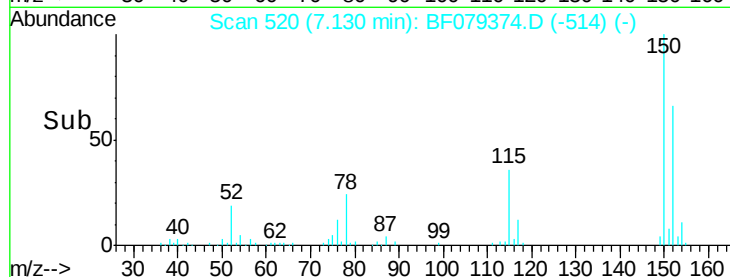
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079374.D
 Acq: 20 May 2015 8:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	152	Resp:	44737
Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.8	185.8
115	55.6	49.4	74.0

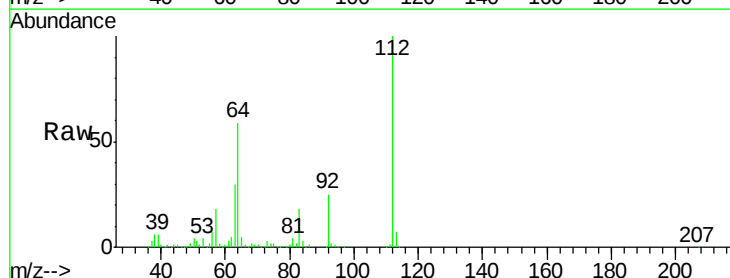


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

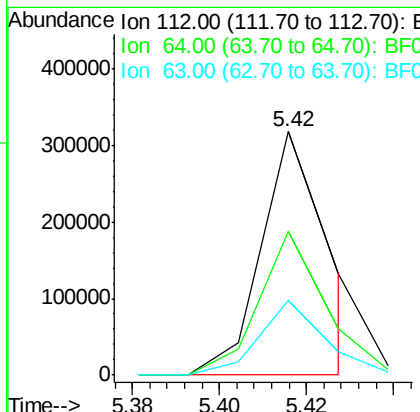
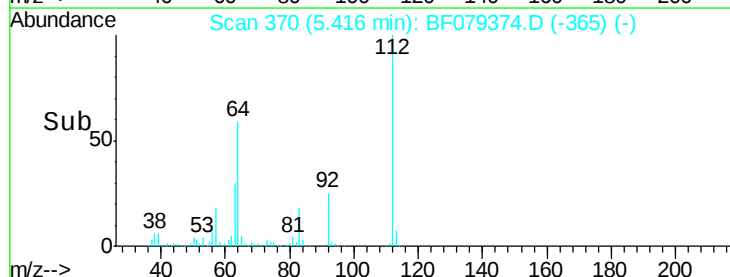


#5
 2-Fluorophenol
 Concen: 130.10 ng
 RT: 5.42 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF079374.D
 Acq: 20 May 2015 8:48

Tgt Ion:	112	Resp:	338110
Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.2	66.2
63	30.5	22.7	34.1



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: 122.07 ng

RT: 6.71 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF079374.D

Acq: 20 May 2015 8:48

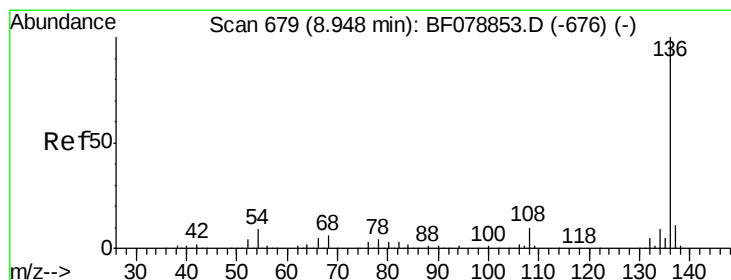
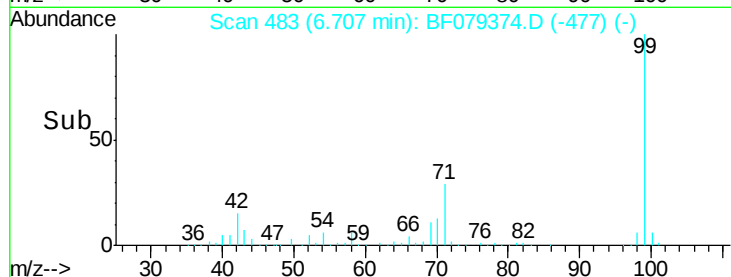
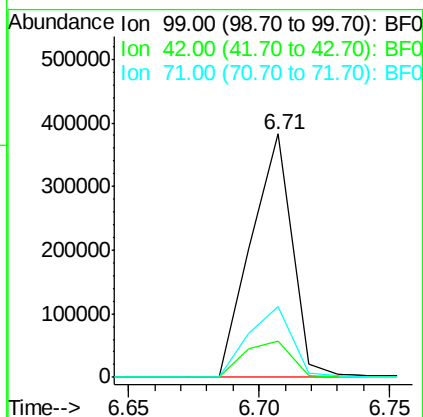
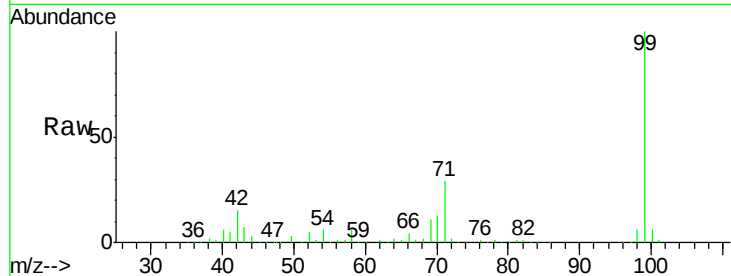
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 419333

Ion	Ratio	Lower	Upper
99	100		
42	15.0	17.1	25.7#
71	29.1	26.3	39.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

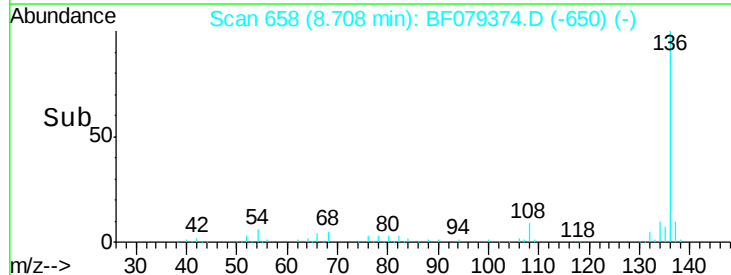
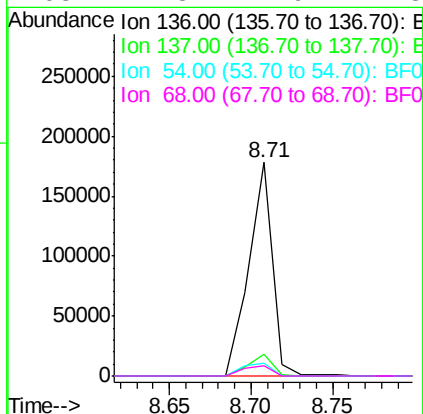
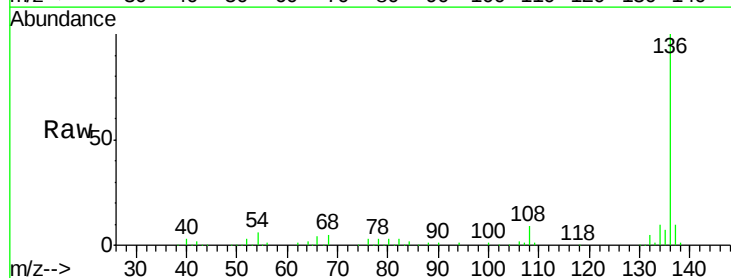
Delta R.T. 0.00 min

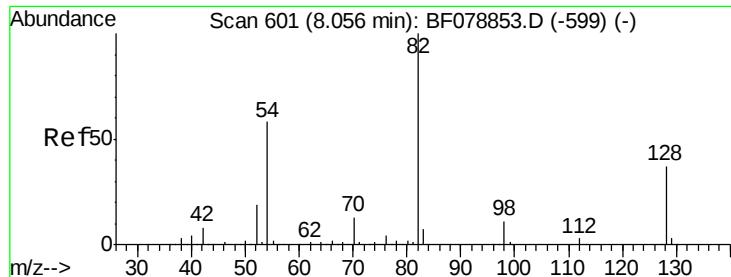
Lab File: BF079374.D

Acq: 20 May 2015 8:48

Tgt Ion: 136 Resp: 178039

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.3	6.9	10.3#
68	4.8	4.9	7.3#

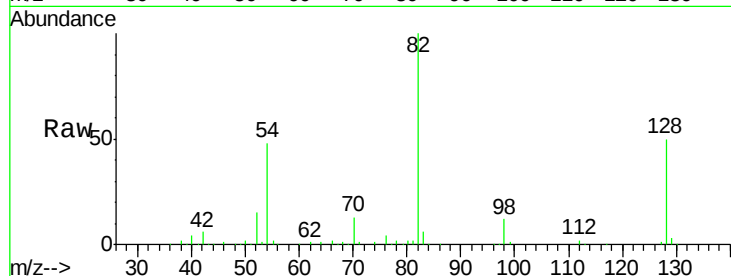




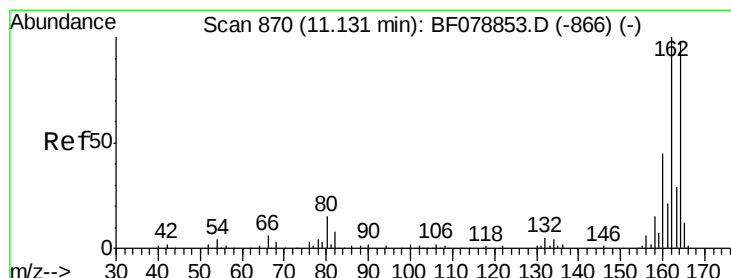
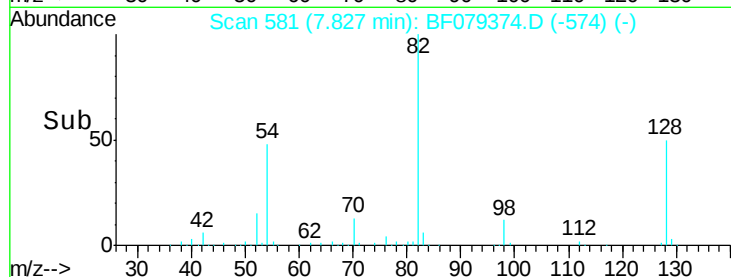
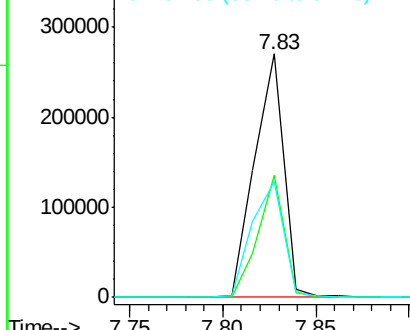
#23
 Nitrobenzene-d5
 Concen: 94.46 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF079374.D
 Acq: 20 May 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 292613
 Ion Ratio Lower Upper
 82 100
 128 50.1 29.7 44.5#
 54 47.7 46.2 69.4

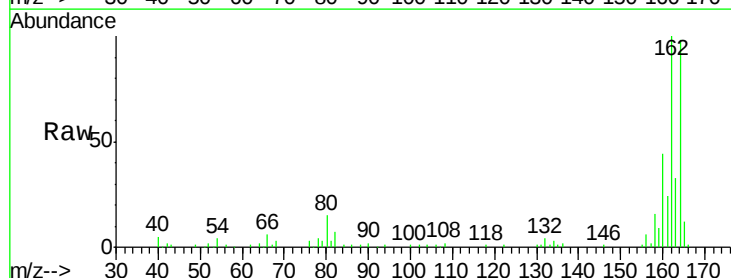


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

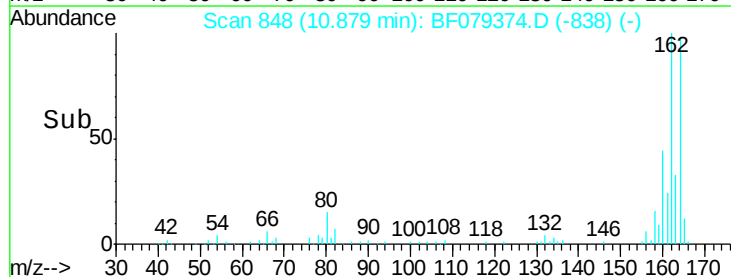
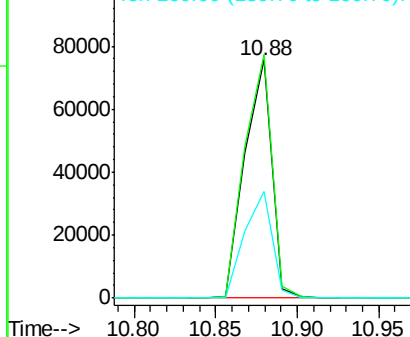


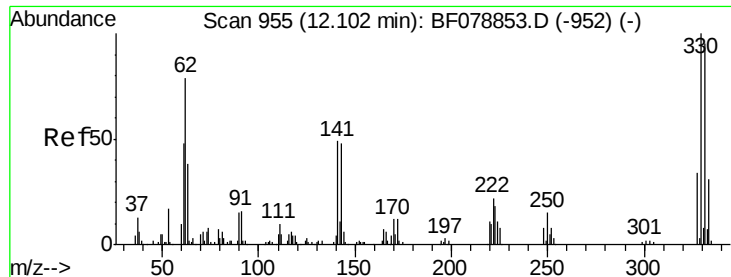
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF079374.D
 Acq: 20 May 2015 8:48

Tgt Ion:164 Resp: 86306
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.4 122.0
 160 45.0 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

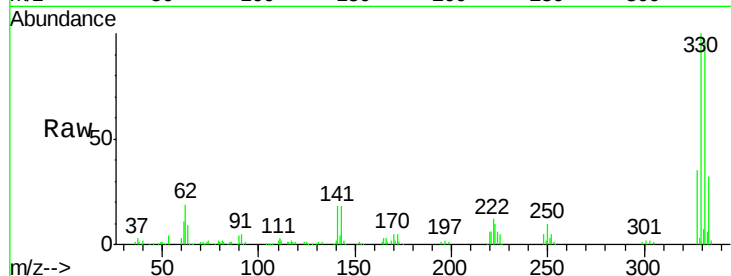




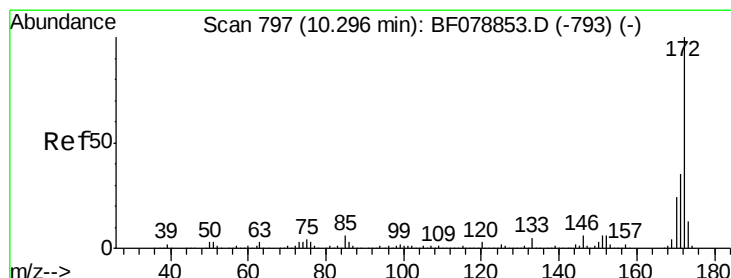
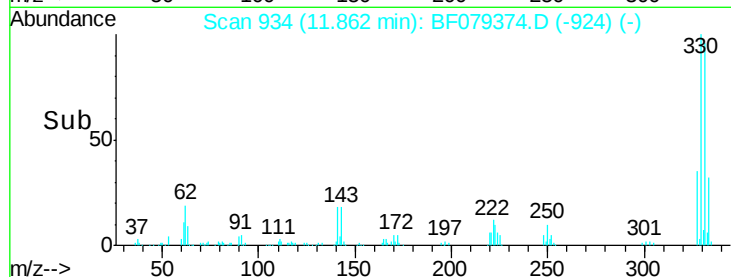
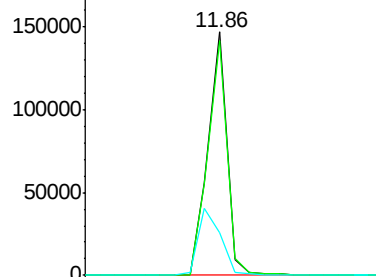
#41
 2,4,6-Tribromophenol
 Concen: 160.35 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF079374.D
 Acq: 20 May 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 149711
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 32.2 27.8 41.8

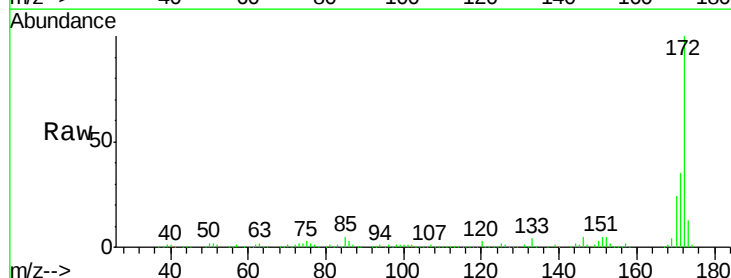


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

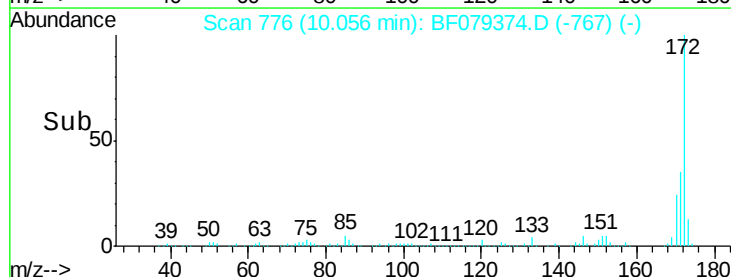
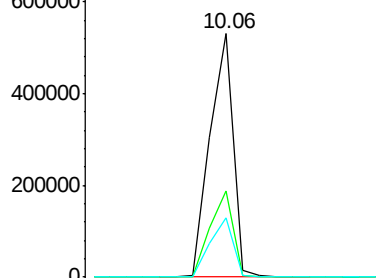


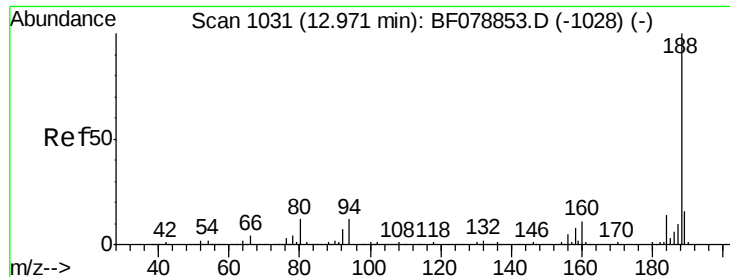
#44
 2-Fluorobiphenyl
 Concen: 95.21 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079374.D
 Acq: 20 May 2015 8:48

Tgt Ion:172 Resp: 589802
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 24.2 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

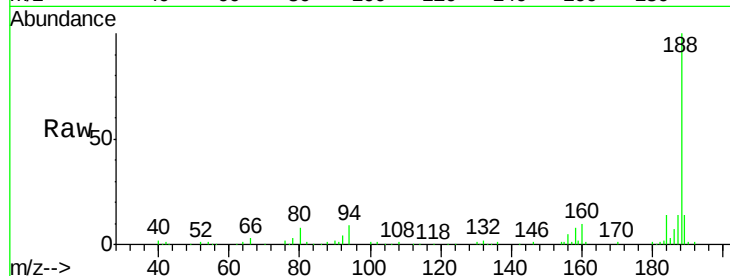




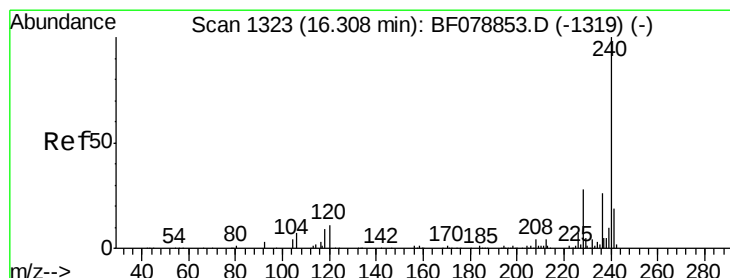
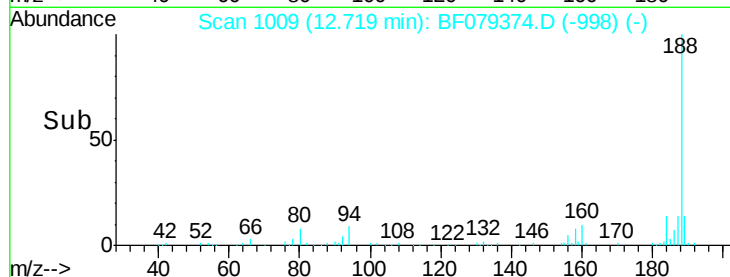
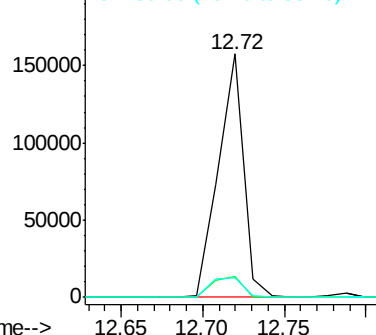
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF079374.D
Acq: 20 May 2015 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 168619
Ion Ratio Lower Upper
188 100
94 8.6 9.4 14.0#
80 8.3 9.8 14.6#

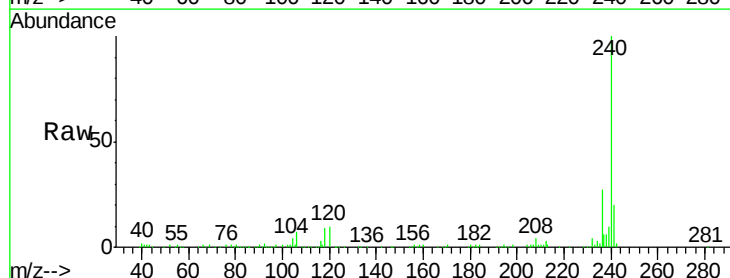


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

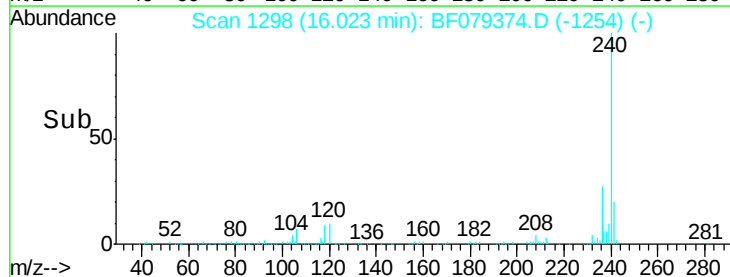
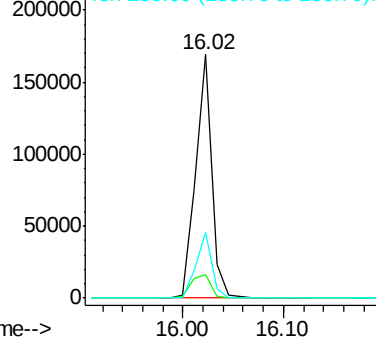


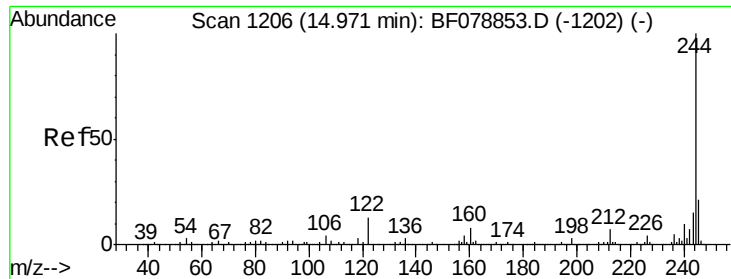
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF079374.D
Acq: 20 May 2015 8:48

Tgt Ion:240 Resp: 187751
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 26.9 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

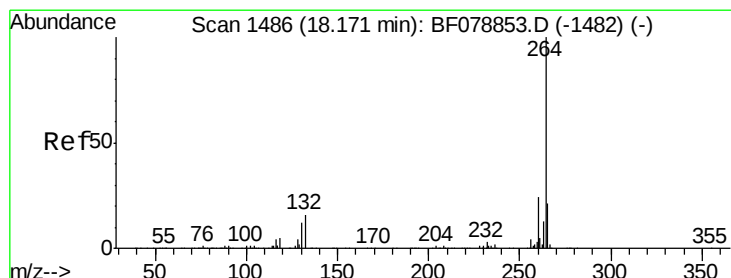
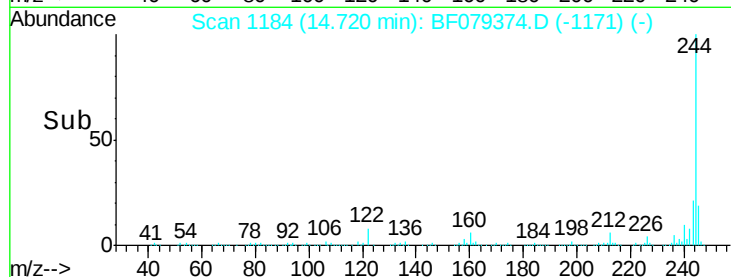
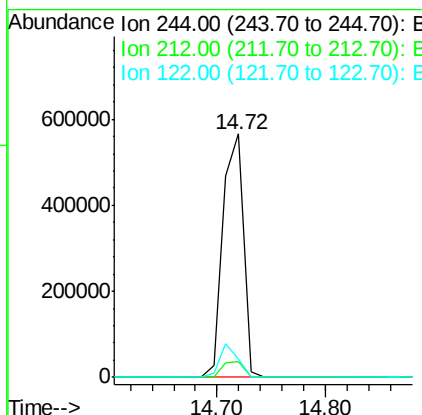
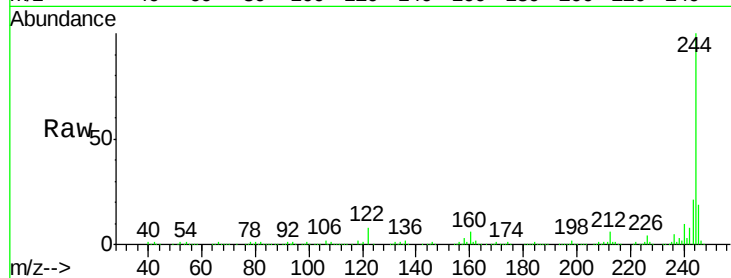




#78
 Terphenyl-d14
 Concen: 94.61 ng
 RT: 14.72 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF079374.D
 Acq: 20 May 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 741907
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 7.8 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF079374.D
 Acq: 20 May 2015 8:48

Tgt Ion:264 Resp: 203390
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.3 17.2 25.8

