

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078067.D
 Acq On : 28 Mar 2015 7:54
 Operator : TP/IZ
 Sample : G1667-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-2(7.5-8.0)

Quant Time: Mar 30 00:13:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

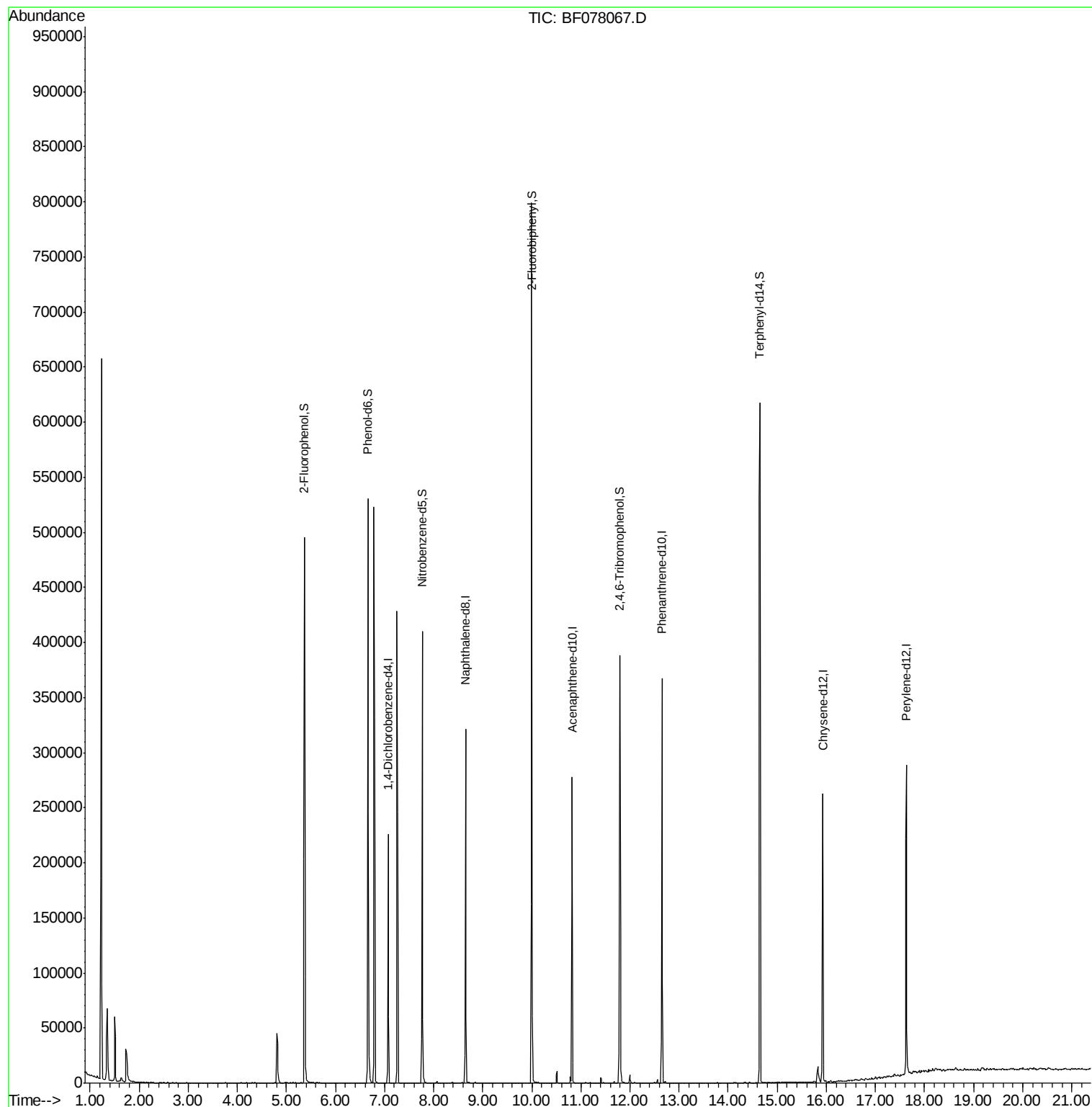
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	36603	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	147156	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	72626	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	147163	20.00	ng	0.00
75) Chrysene-d12	15.93	240	150126	20.00	ng	0.00
86) Perylene-d12	17.63	264	147240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	175857	83.86	ng	0.00
7) Phenol-d6	6.66	99	222182	85.76	ng	-0.01
23) Nitrobenzene-d5	7.77	82	126287	56.26	ng	-0.01
41) 2,4,6-Tribromophenol	11.79	330	48148	69.29	ng	-0.01
44) 2-Fluorobiphenyl	10.00	172	261102	52.83	ng	0.00
78) Terphenyl-d14	14.65	244	299300	48.70	ng	0.00
Target Compounds						
76) Benzidine	14.35	184	751	Below Cal	Qvalue #	68

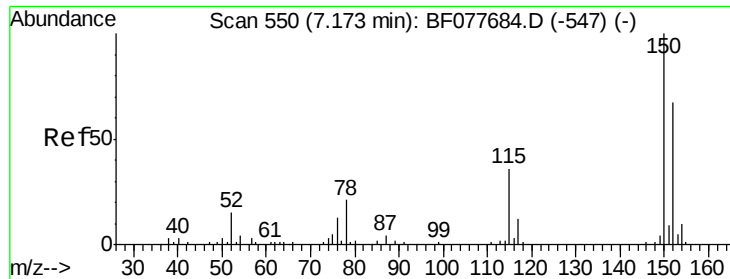
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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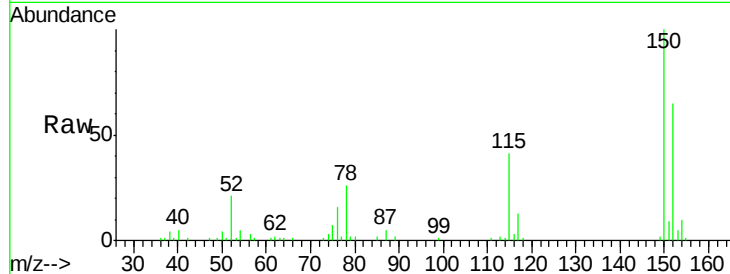


#1

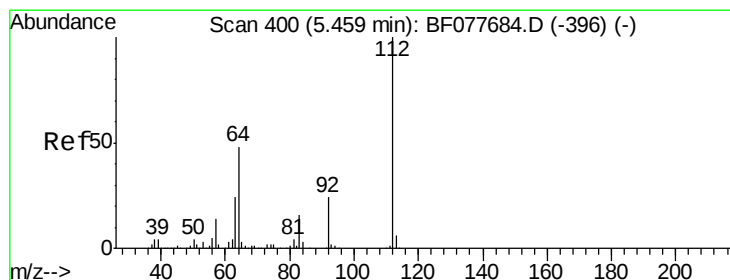
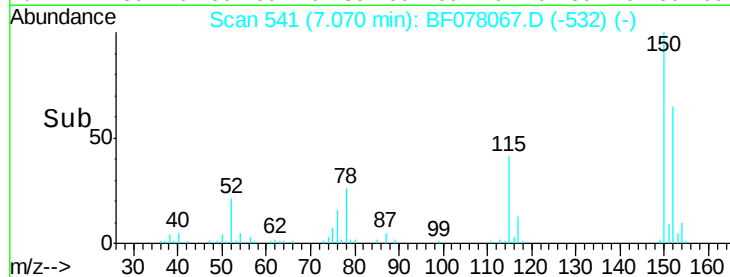
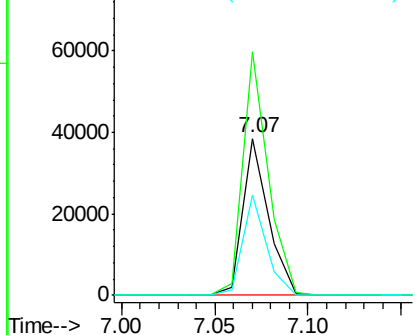
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078067.D
Acq: 28 Mar 2015 7:54

Instrument :
BNA_F
ClientSampleId :
REC-7-1-2(7.5-8.0)

Tgt Ion:152 Resp: 36603
Ion Ratio Lower Upper
152 100
150 154.9 119.5 179.3
115 63.4 43.0 64.4



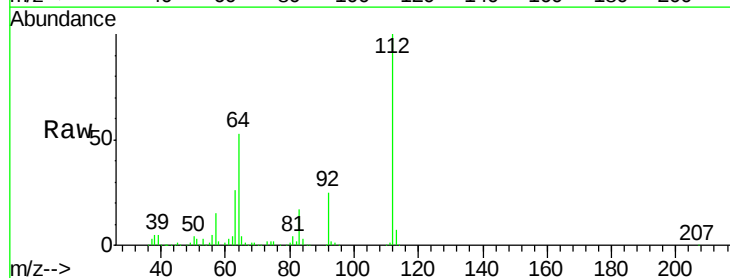
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



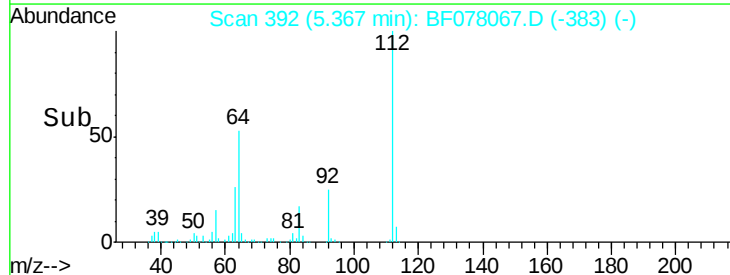
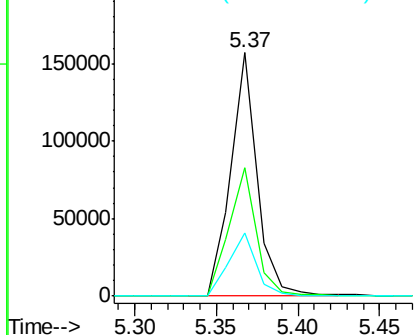
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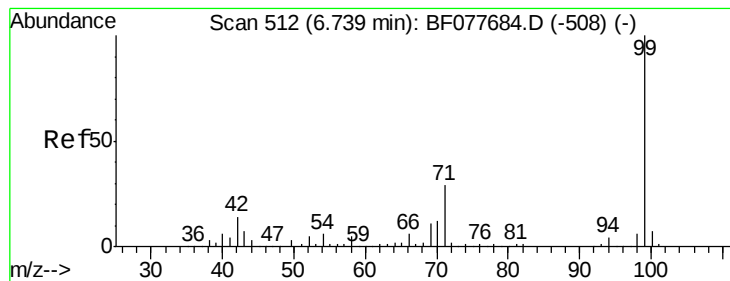
2-Fluorophenol
Concen: 83.86 ng
RT: 5.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078067.D
Acq: 28 Mar 2015 7:54

Tgt Ion:112 Resp: 175857
Ion Ratio Lower Upper
112 100
64 52.5 38.6 57.8
63 25.7 19.3 28.9



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: 85.76 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078067.D

Acq: 28 Mar 2015 7:54

Instrument :

BNA_F

ClientSampleId :

REC-7-1-2(7.5-8.0)

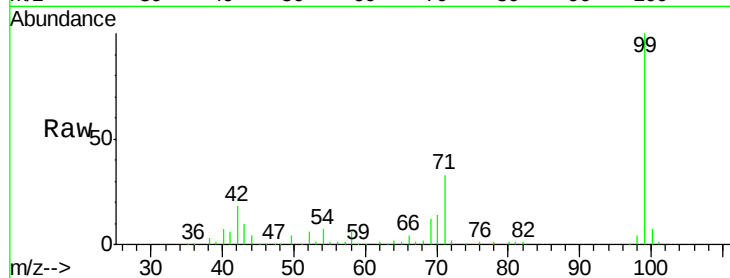
Tgt Ion: 99 Resp: 222182

Ion Ratio Lower Upper

99 100

42 18.2 11.0 16.4#

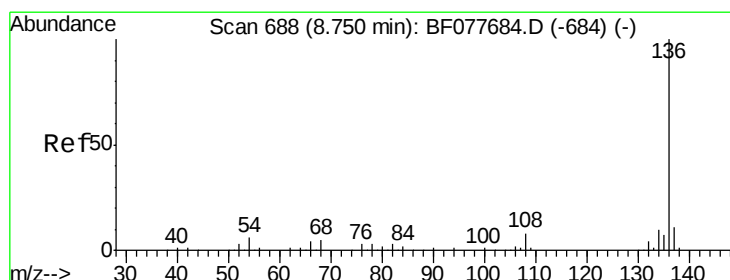
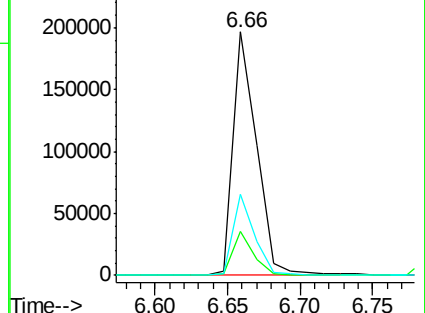
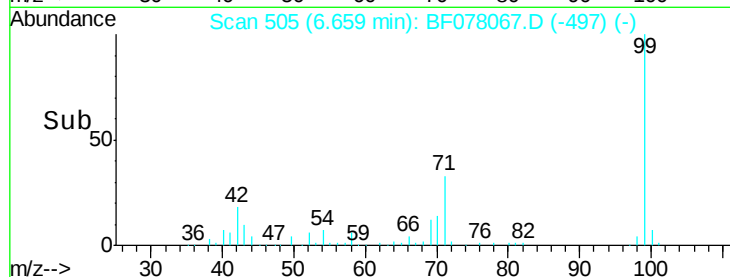
71 33.1 23.4 35.2



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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078067.D

Acq: 28 Mar 2015 7:54

Tgt Ion: 136 Resp: 147156

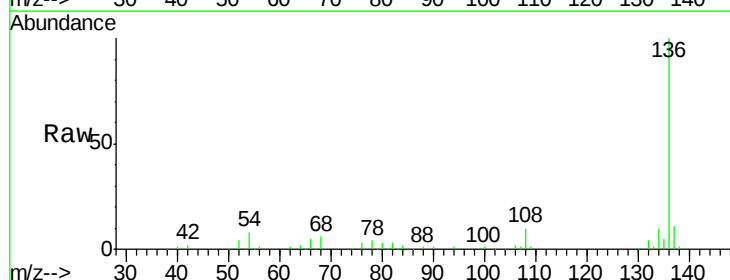
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.6 4.6 6.8#

68 5.6 3.7 5.5#

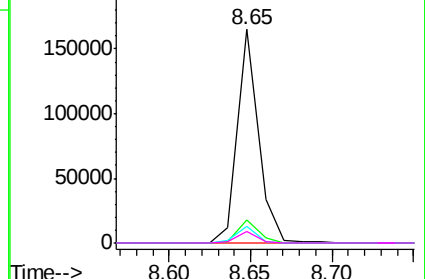
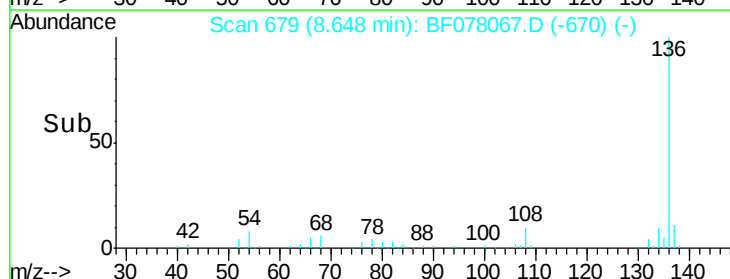


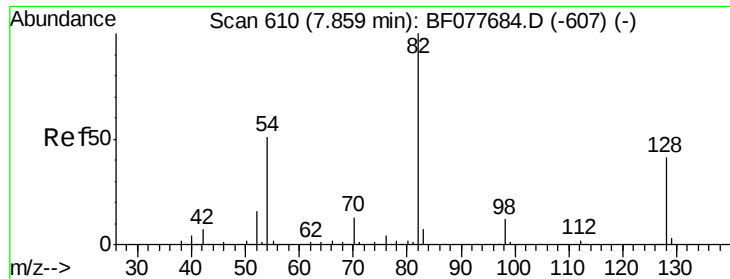
Abundance Ion 136.00 (135.70 to 136.70): E

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

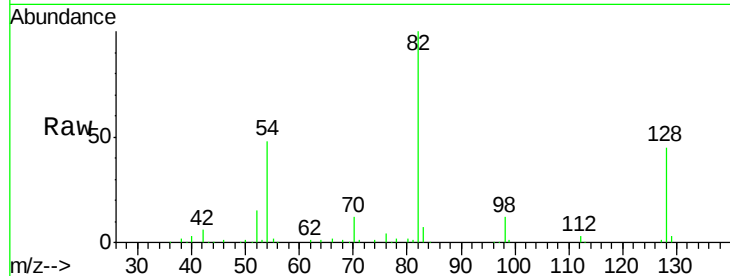




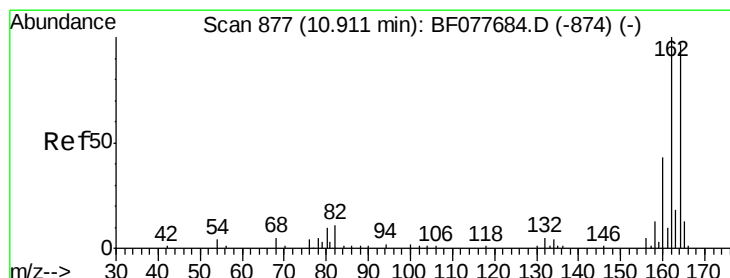
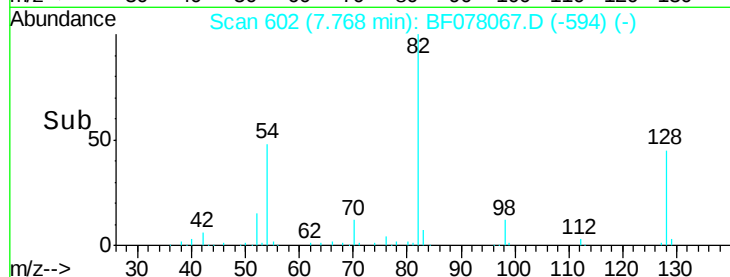
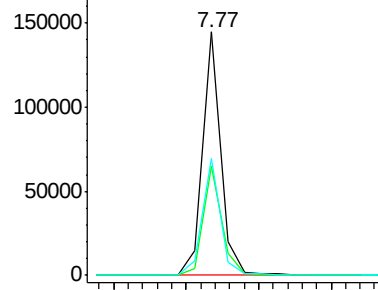
#23
Nitrobenzene-d5
Concen: 56.26 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078067.D
Acq: 28 Mar 2015 7:54

Instrument :
BNA_F
ClientSampleId :
REC-7-1-2(7.5-8.0)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.8	49.2
54	48.0	40.6	60.8

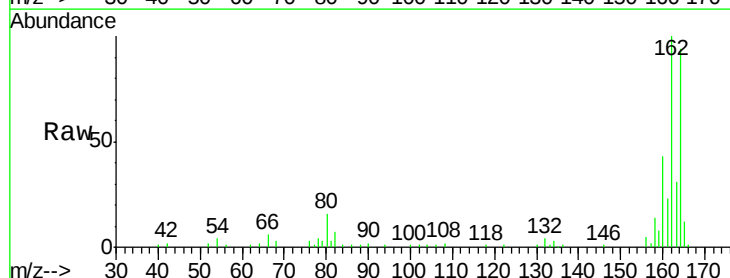


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

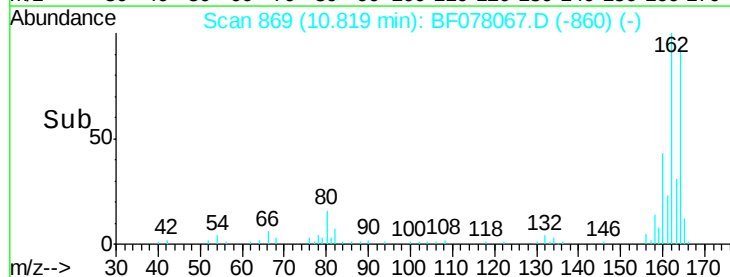
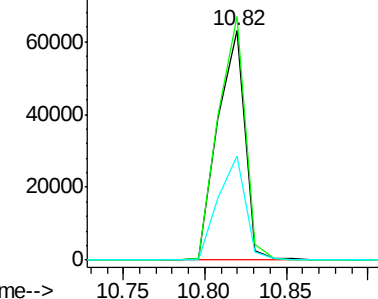


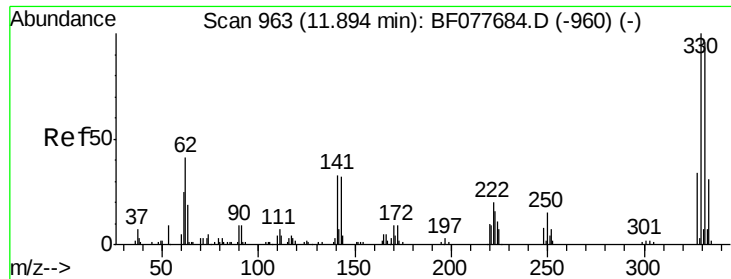
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF078067.D
Acq: 28 Mar 2015 7:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	45.4	35.8	53.6



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

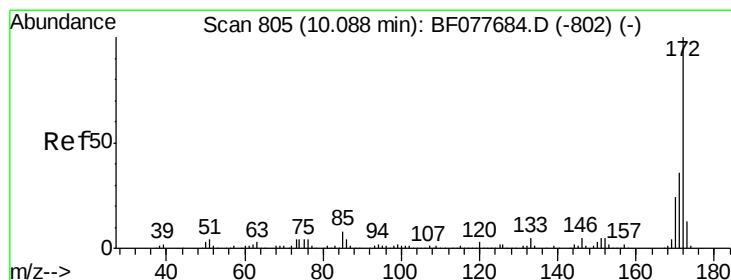
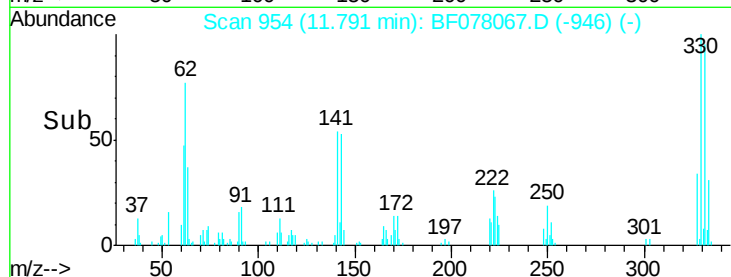
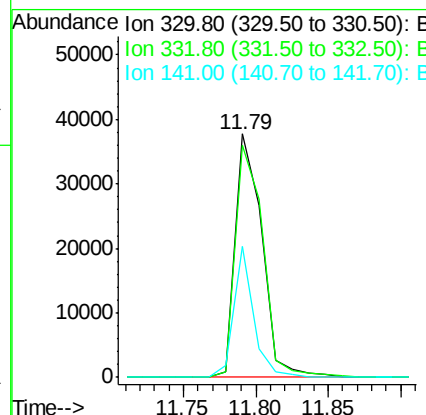
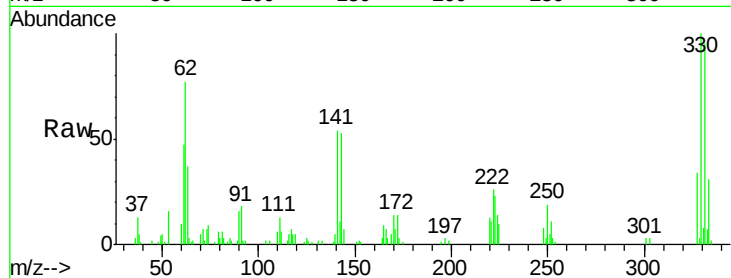




#41
 2,4,6-Tribromophenol
 Concen: 69.29 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

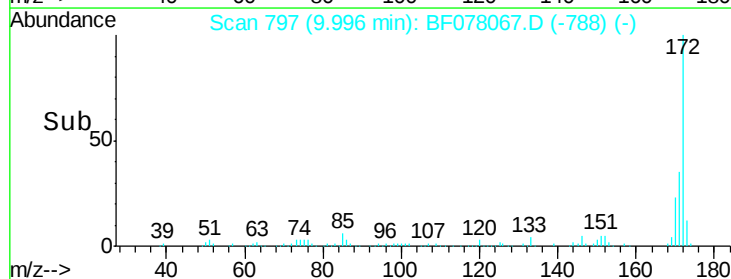
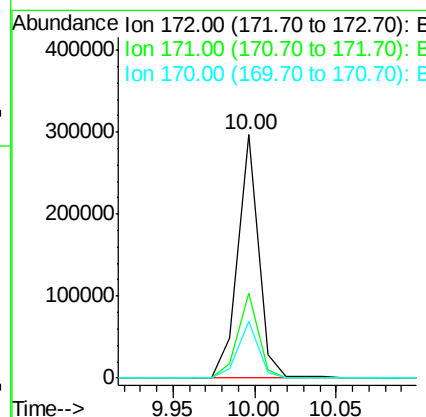
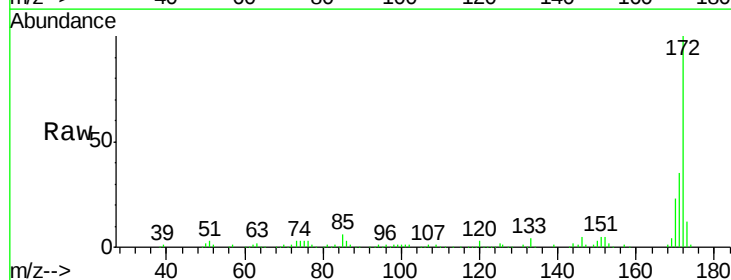
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-2(7.5-8.0)

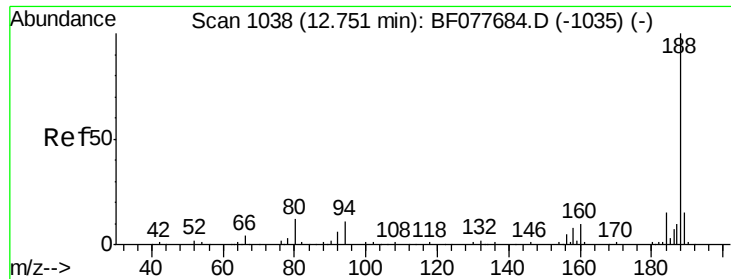
Tgt Ion:330 Resp: 48148
 Ion Ratio Lower Upper
 330 100
 332 99.3 0.0 0.0#
 141 39.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 52.83 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

Tgt Ion:172 Resp: 261102
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.1 18.8 28.2

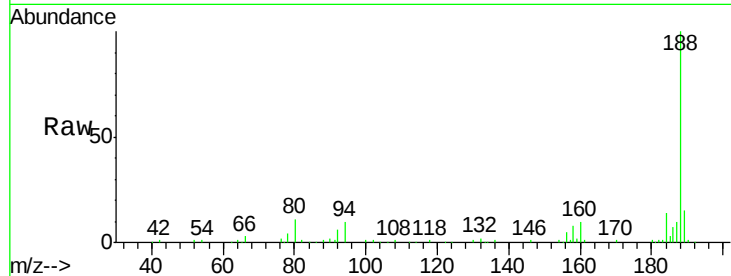




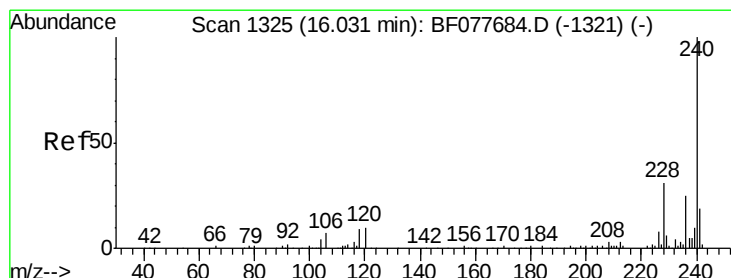
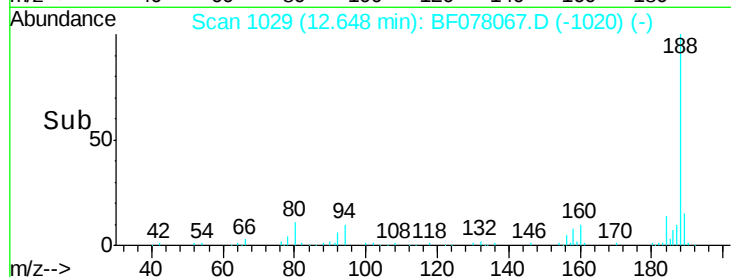
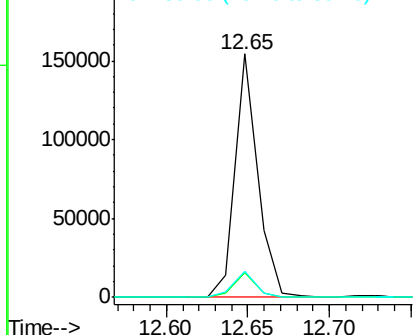
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078067.D
Acq: 28 Mar 2015 7:54

Instrument :
BNA_F
ClientSampleId :
REC-7-1-2(7.5-8.0)

Tgt Ion:188 Resp: 147163
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 10.6 9.3 13.9

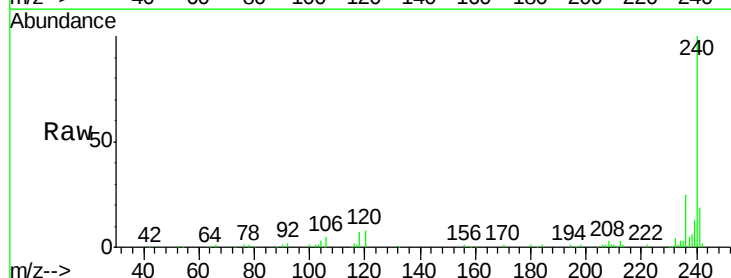


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

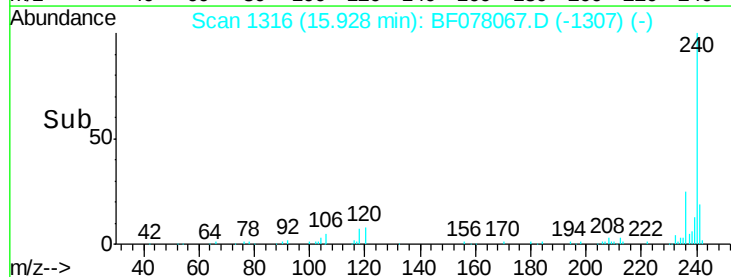
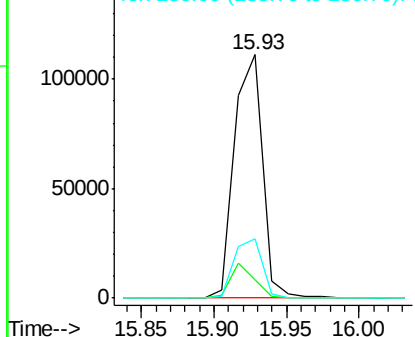


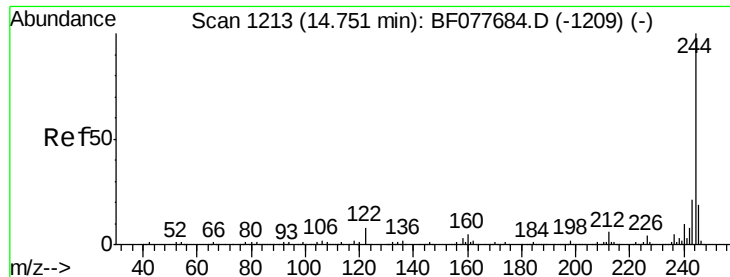
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078067.D
Acq: 28 Mar 2015 7:54

Tgt Ion:240 Resp: 150126
Ion Ratio Lower Upper
240 100
120 7.8 8.2 12.2#
236 24.6 20.0 30.0



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

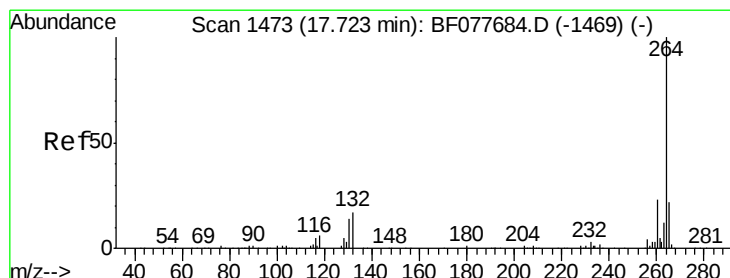
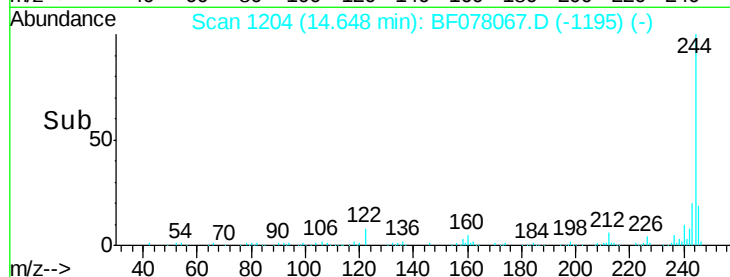
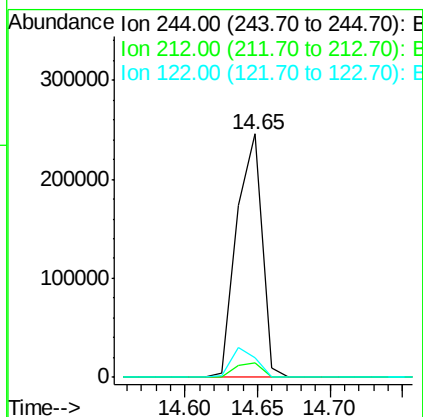
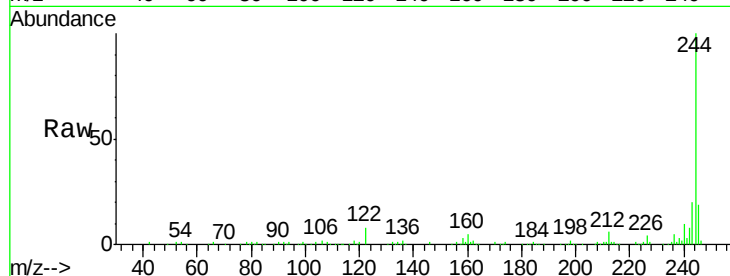




#78
 Terphenyl-d14
 Concen: 48.70 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-2(7.5-8.0)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	7.8	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.63 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	20.9	17.3	25.9

