

Data Path : Z:\HPCHEM1\BNA F\Data\BF020915\
 Data File : BF077224.D
 Acq On : 9 Feb 2015 14:54
 Operator : TP/IZ
 Sample : G1245-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 10 00:29:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 09 15:41:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	36005	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	151305	20.00	ng	-0.01
38) Acenaphthene-d10	14.61	164	75497	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	141302	20.00	ng	0.00
75) Chrysene-d12	21.01	240	133730	20.00	ng	0.00
86) Perylene-d12	22.69	264	123734	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.60	112	77940	35.59	ng	0.00
7) Phenol-d6	7.02	99	59303	21.47	ng	0.01
23) Nitrobenzene-d5	8.90	82	244241	89.43	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	64645	105.49	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	528371	106.50	ng	0.00
78) Terphenyl-d14	19.76	244	478324	82.34	ng	0.00

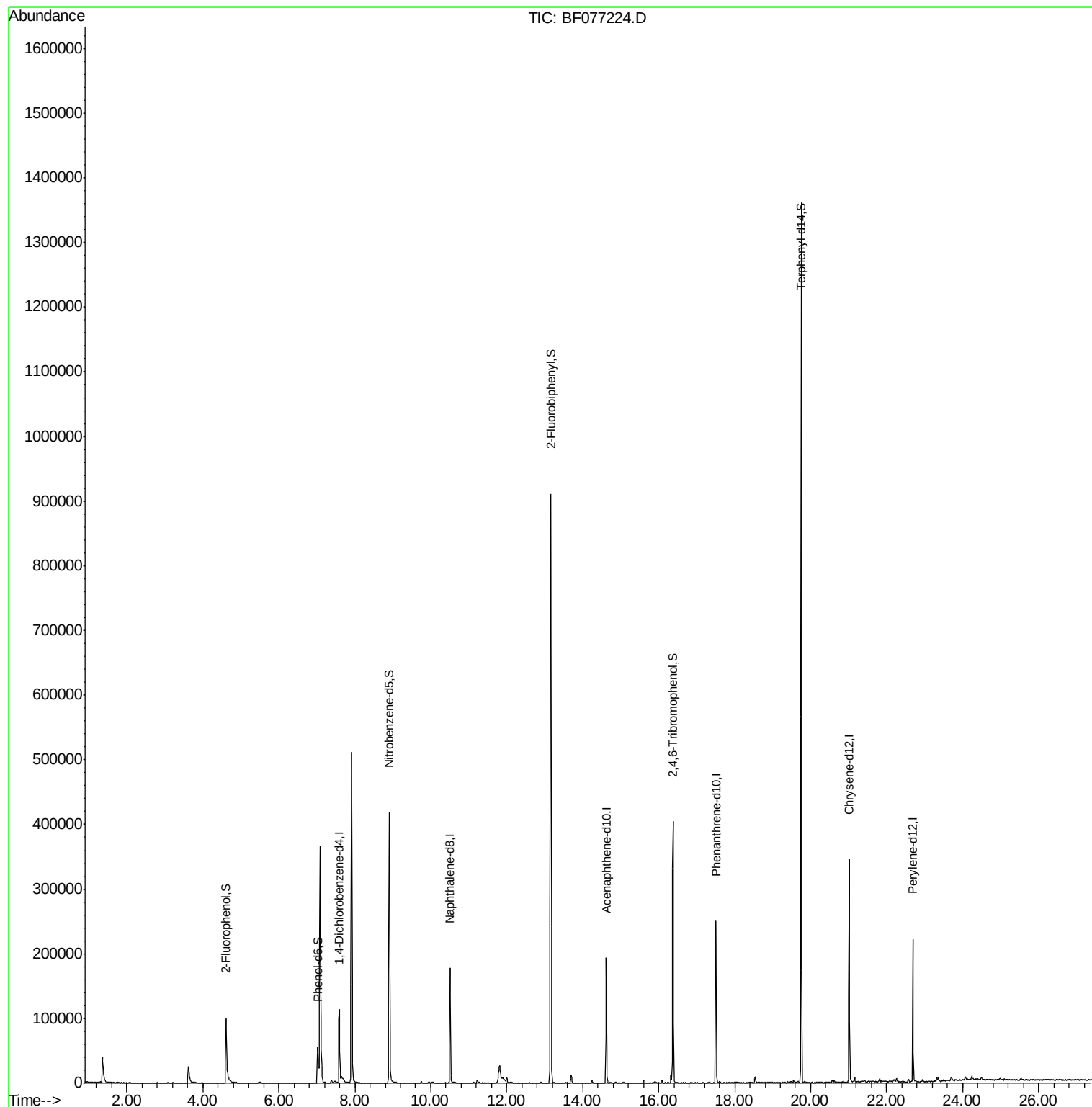
Target Compounds Qvalue

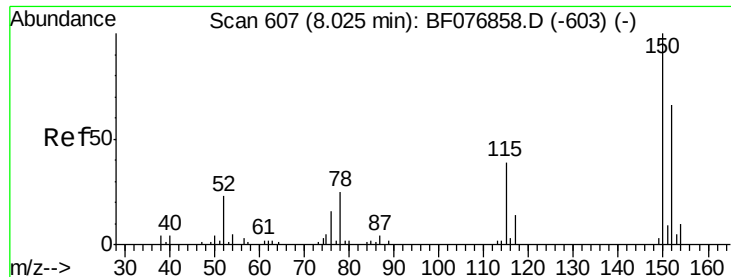
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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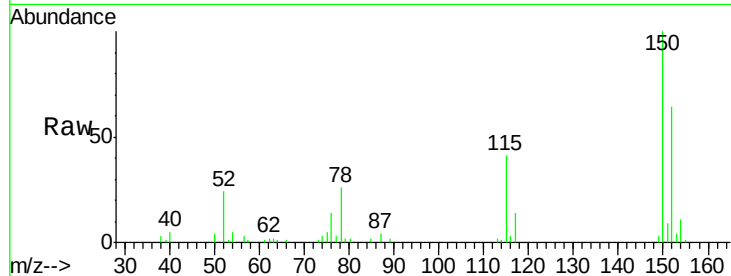


#1

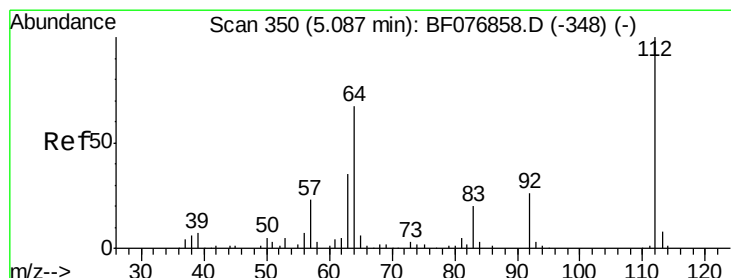
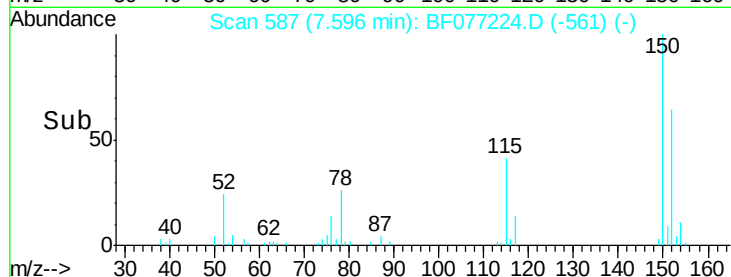
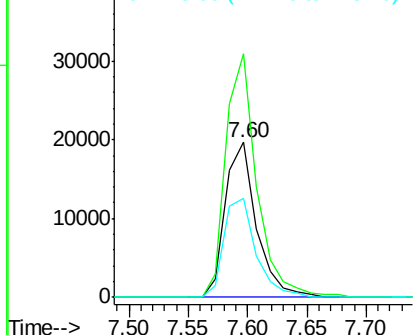
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077224.D
Acq: 9 Feb 2015 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 36005
Ion Ratio Lower Upper
152 100
150 157.4 121.7 182.5
115 63.8 47.0 70.6



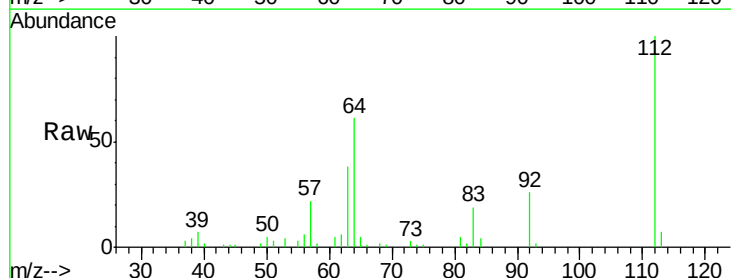
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



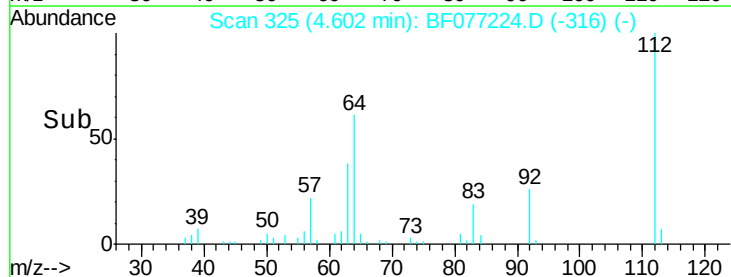
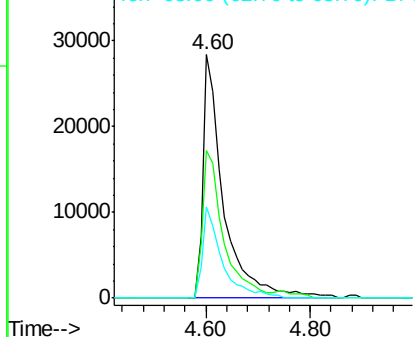
#5

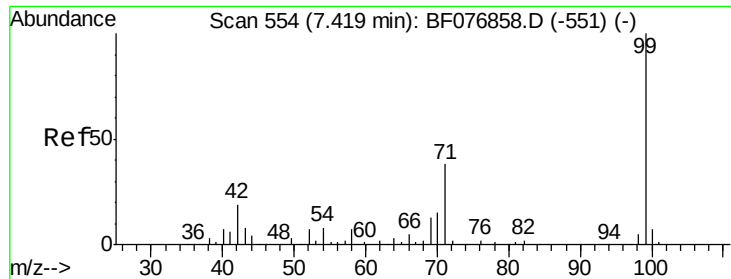
2-Fluorophenol
Concen: 35.59 ng
RT: 4.60 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF077224.D
Acq: 9 Feb 2015 14:54

Tgt Ion:112 Resp: 77940
Ion Ratio Lower Upper
112 100
64 60.5 54.2 81.4
63 37.5 28.4 42.6



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: 21.47 ng

RT: 7.02 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF077224.D

Acq: 9 Feb 2015 14:54

Instrument :

BNA_F

ClientSampleId :

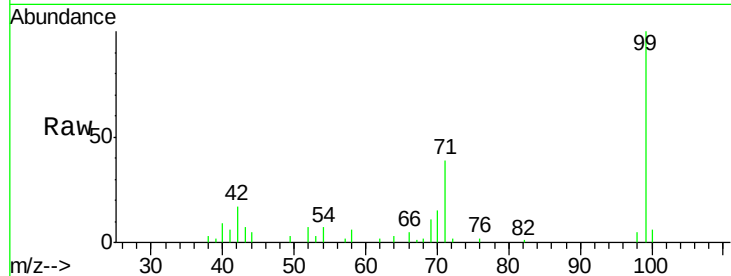
Tot Ion: 99 Resp: 59303

Ion Ratio Lower Upper

99 100

42 16.9 15.0 22.4

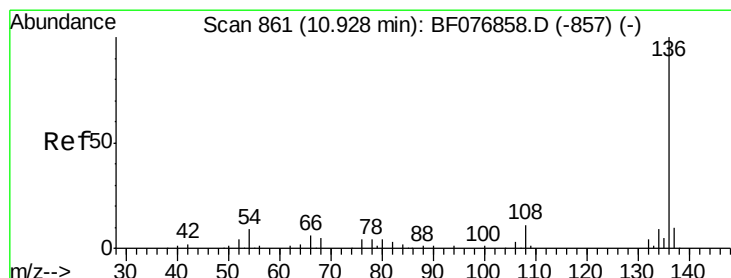
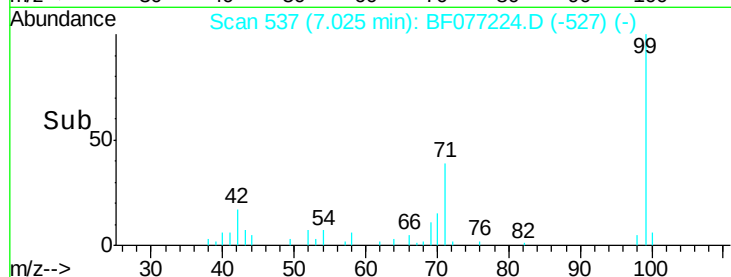
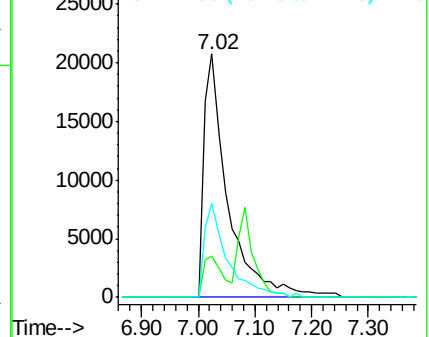
71 38.5 30.5 45.7



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: 10.50 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF077224.D

Acq: 9 Feb 2015 14:54

Tgt Ion: 136 Resp: 151305

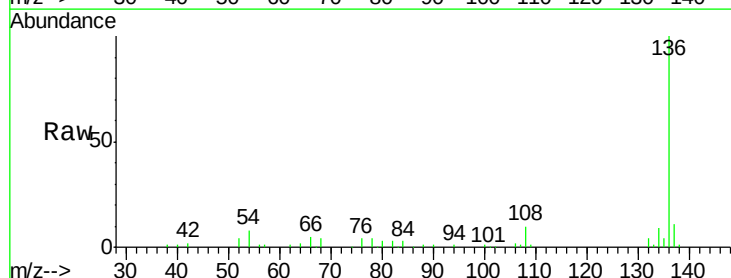
Ion Ratio Lower Upper

136 100

137 11.2 8.1 12.1

54 8.4 7.0 10.4

68 4.2 3.7 5.5

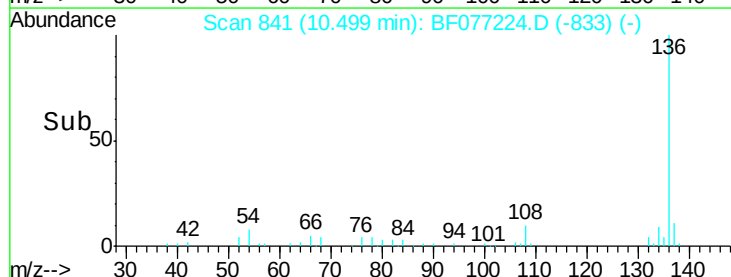
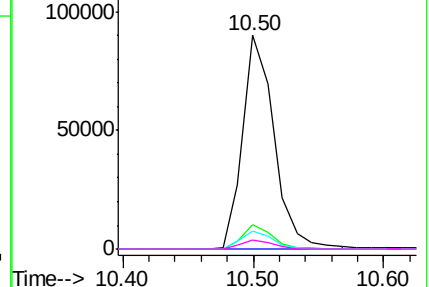


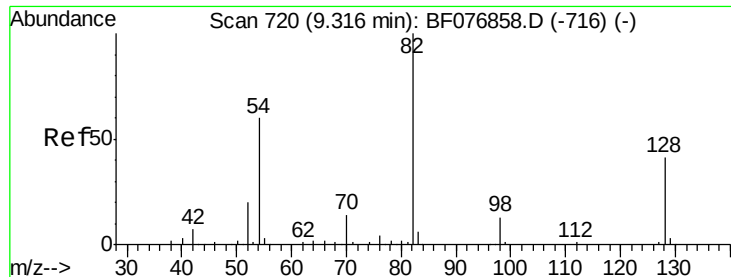
Abundance Ion 136.00 (135.70 to 136.70): E

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

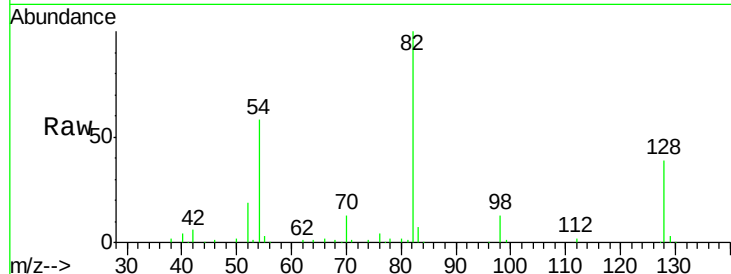




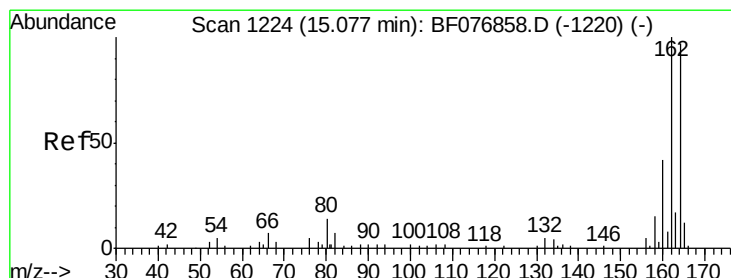
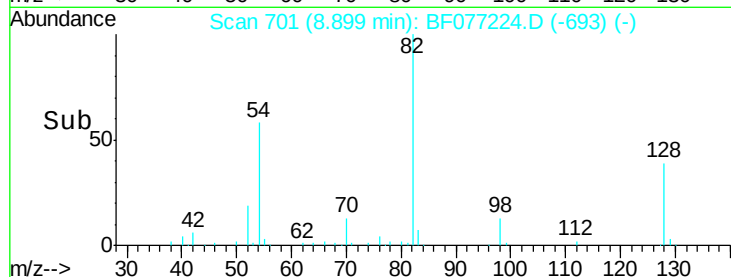
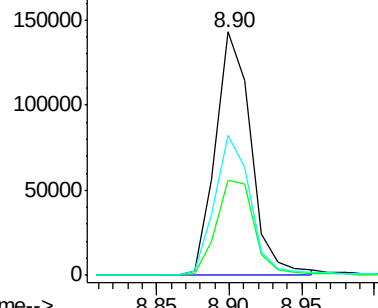
#23
Nitrobenzene-d5
Concen: 89.43 ng
RT: 8.90 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF077224.D
Acq: 9 Feb 2015 14:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	244241
Ion Ratio	100	Lower	Upper
128	39.2	33.1	49.7
54	57.5	48.3	72.5

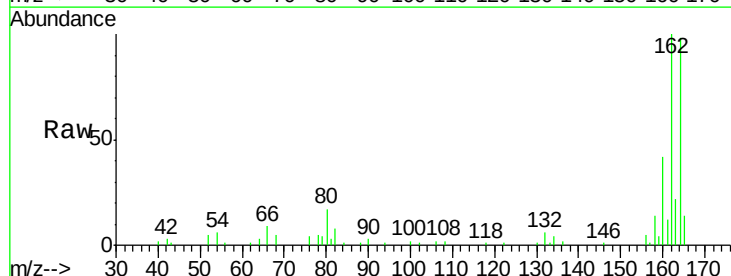


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

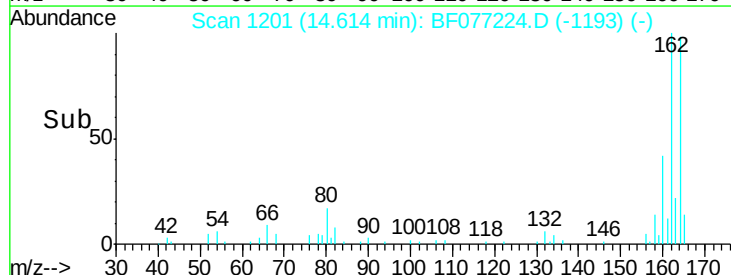
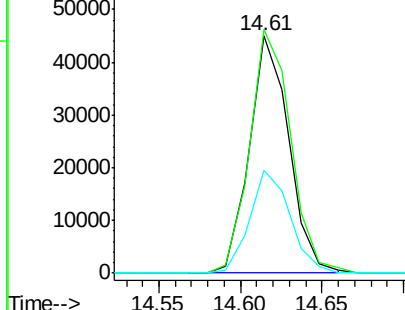


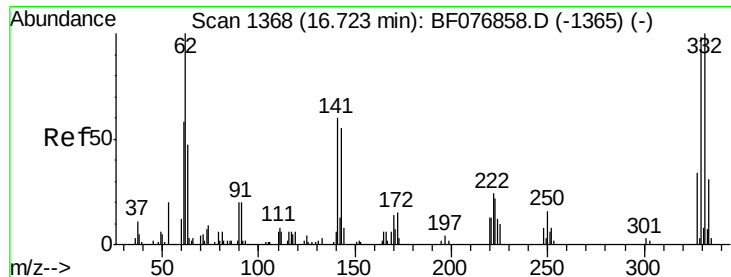
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF077224.D
Acq: 9 Feb 2015 14:54

Tgt Ion	164	Resp	75497
Ion Ratio	100	Lower	Upper
162	102.4	82.4	123.6
160	43.2	34.8	52.2



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

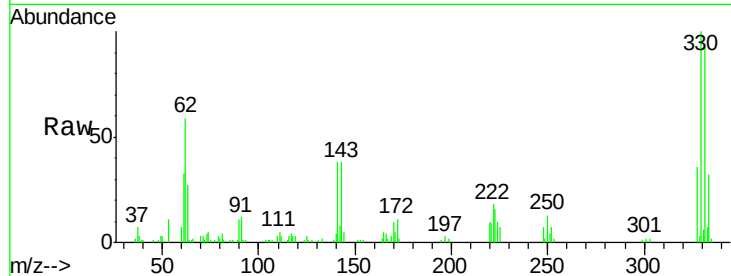




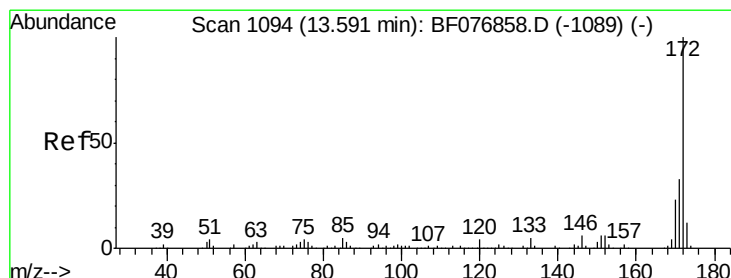
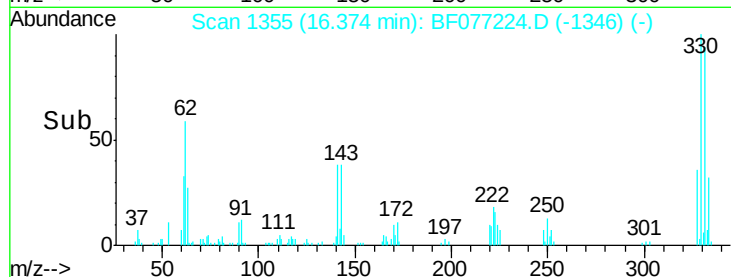
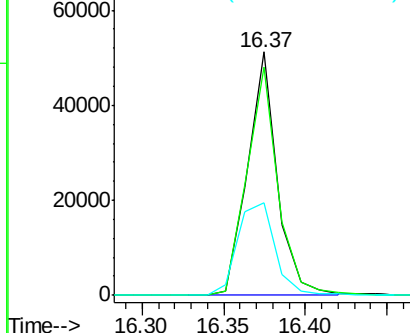
#41
 2,4,6-Tribromophenol
 Concen: 105.49 ng
 RT: 16.37 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF077224.D
 Acq: 9 Feb 2015 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.8	116.6
141	48.1	38.5	57.7

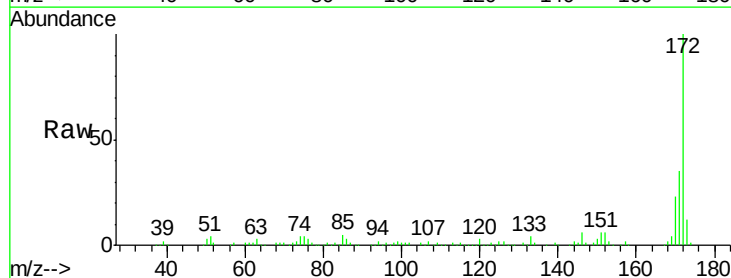


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

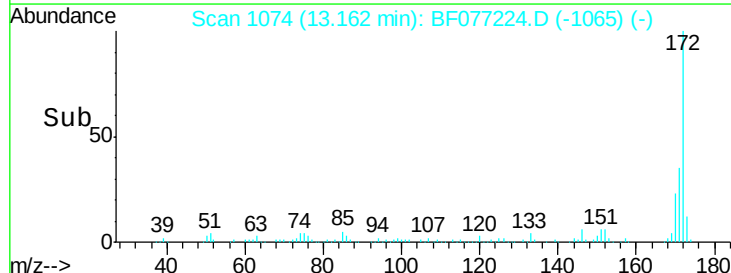
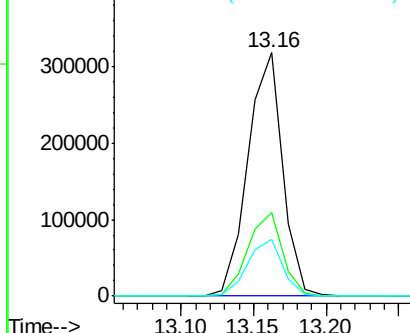


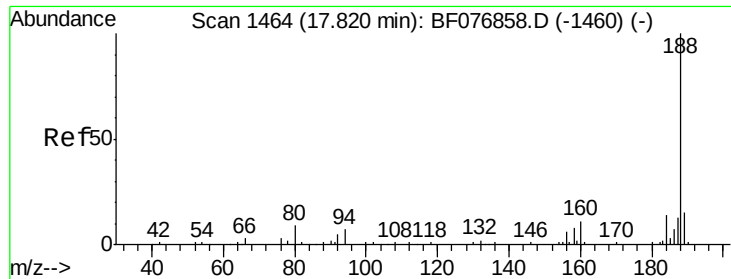
#44
 2-Fluorobiphenyl
 Concen: 106.50 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077224.D
 Acq: 9 Feb 2015 14:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.6	40.0
170	23.3	18.0	27.0



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

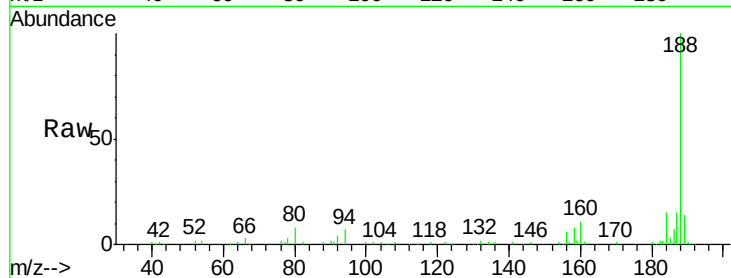




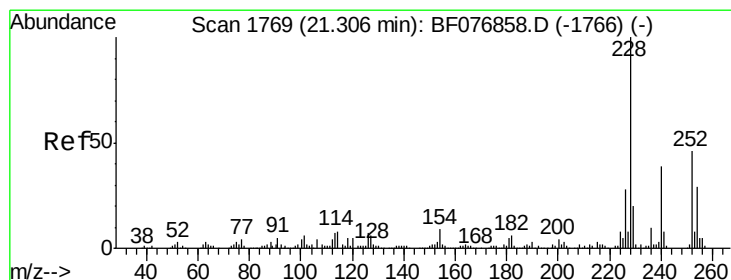
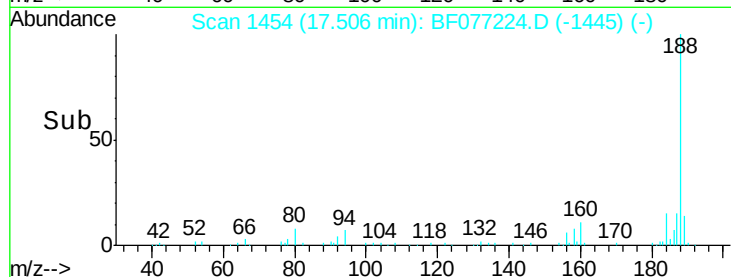
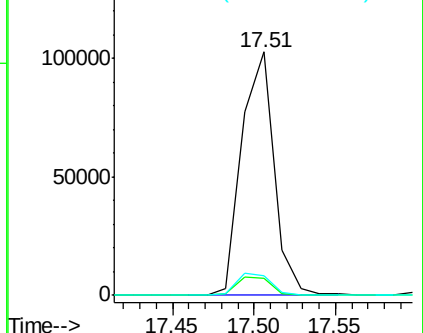
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF077224.D
Acq: 9 Feb 2015 14:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 141302
Ion Ratio Lower Upper
188 100
94 7.1 6.0 9.0
80 8.1 6.9 10.3

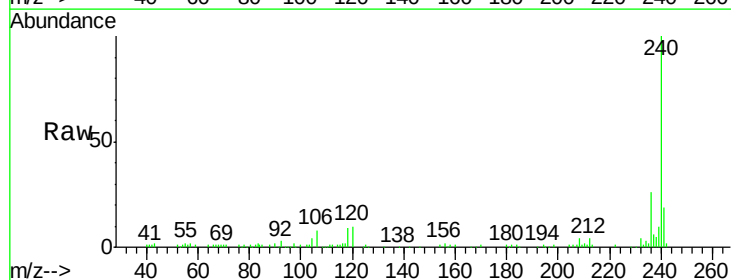


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

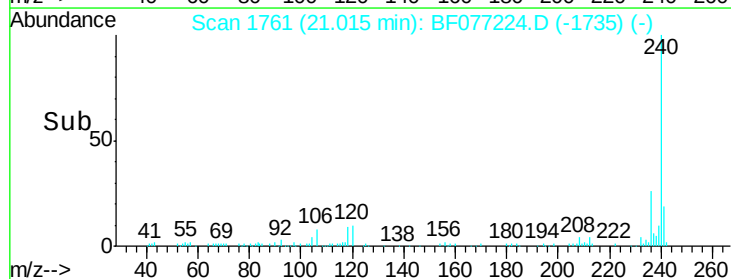
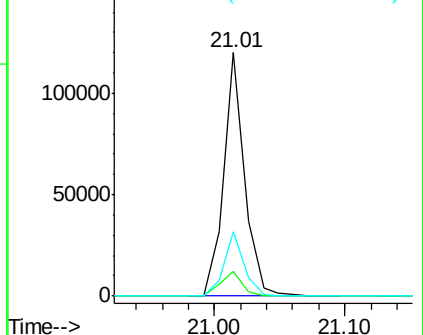


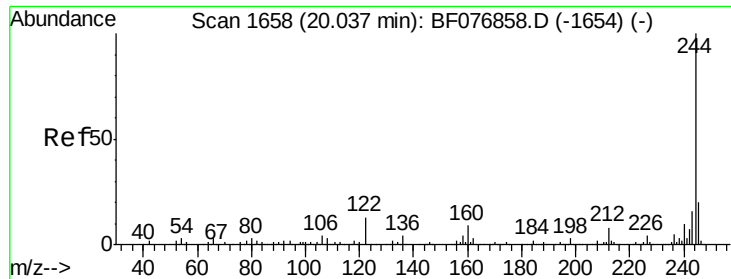
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077224.D
Acq: 9 Feb 2015 14:54

Tgt Ion:240 Resp: 133730
Ion Ratio Lower Upper
240 100
120 10.3 10.4 15.6#
236 26.5 20.2 30.2



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

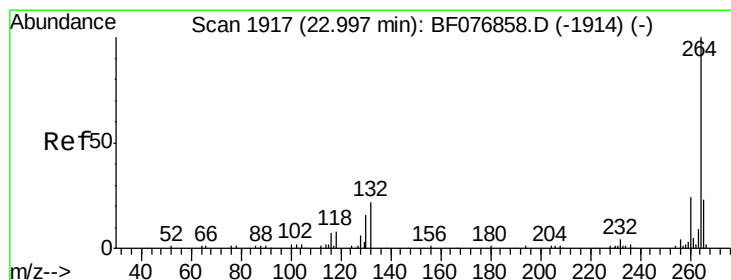
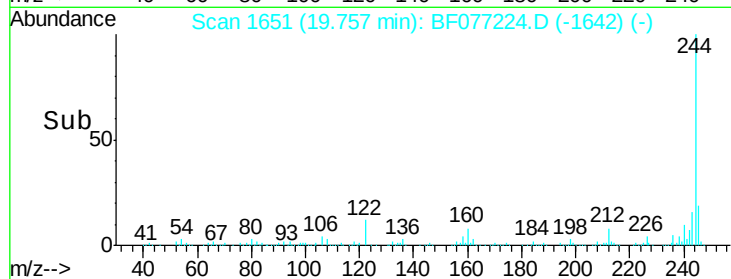
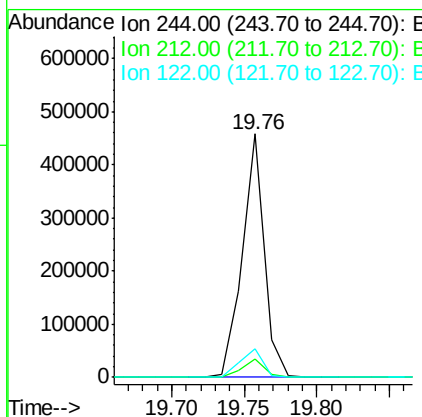
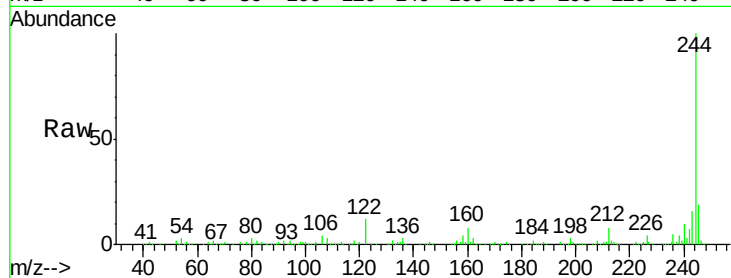




#78
 Terphenyl-d14
 Concen: 82.34 ng
 RT: 19.76 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF077224.D
 Acq: 9 Feb 2015 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 478324
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 11.8 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.69 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF077224.D
 Acq: 9 Feb 2015 14:54

Tgt Ion:264 Resp: 123734
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.0 28.4
 265 19.0 18.1 27.1

