

Data Path : Z:\HPCHEM1\BNA F\Data\BF020215\
 Data File : BF077159.D
 Acq On : 2 Feb 2015 16:14
 Operator : TP/IZ
 Sample : G1189-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 00:38:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 03 00:23:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	32346	20.00	ng	-0.01
21) Naphthalene-d8	10.59	136	136606	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	78984	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	132351	20.00	ng	-0.01
75) Chrysene-d12	21.07	240	135195	20.00	ng	-0.01
86) Perylene-d12	22.73	264	119407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	40834	20.76	ng	0.01
7) Phenol-d6	7.09	99	66905	26.96	ng	0.00
23) Nitrobenzene-d5	8.99	82	50413	20.45	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	7888	12.30	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	121673	23.44	ng	-0.01
78) Terphenyl-d14	19.81	244	149689	25.49	ng	0.00

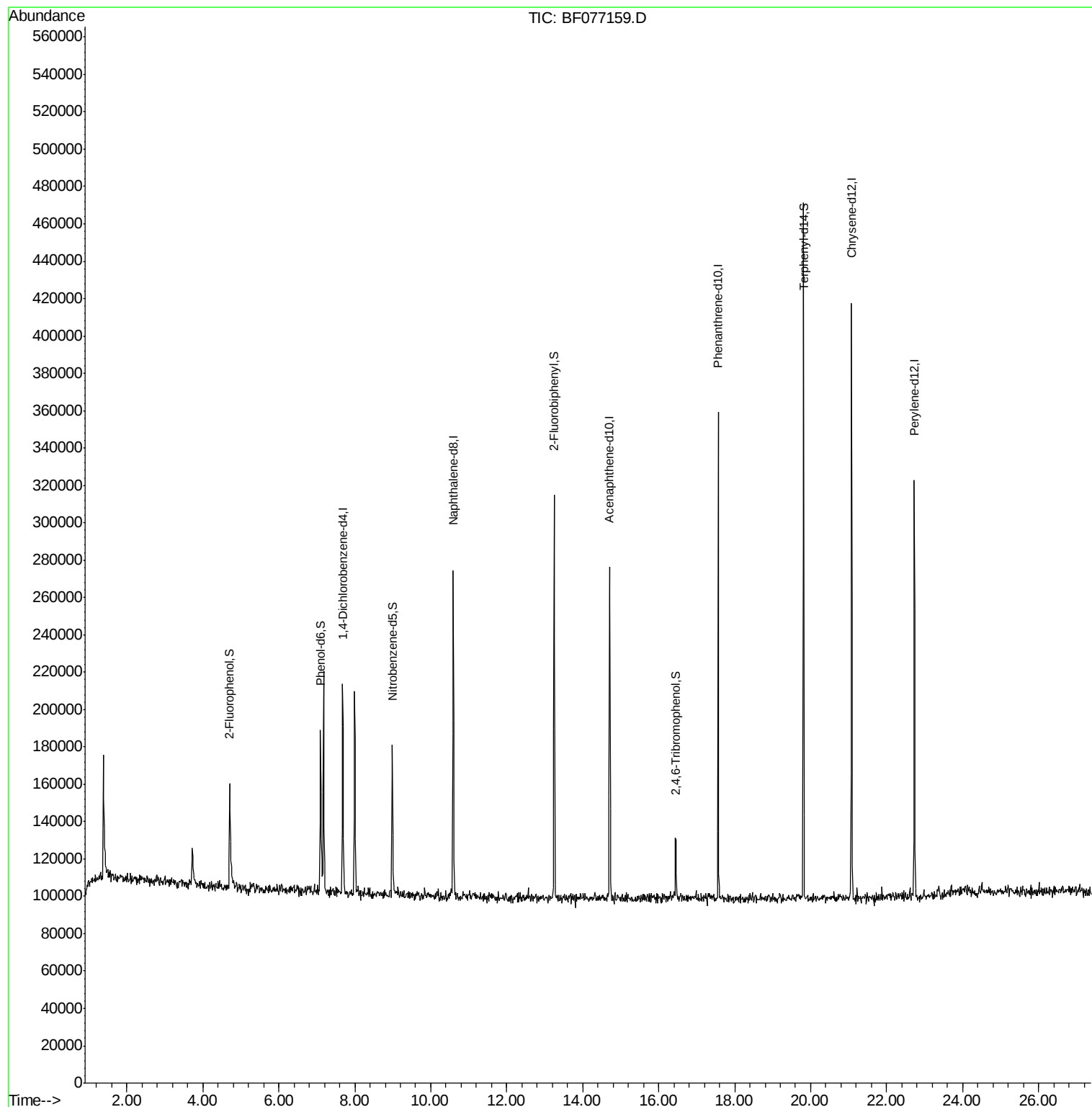
Target Compounds Qvalue

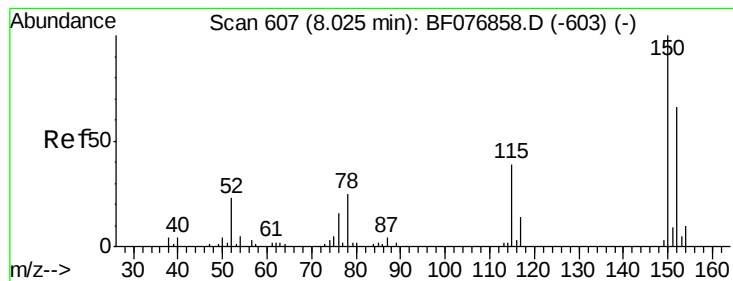
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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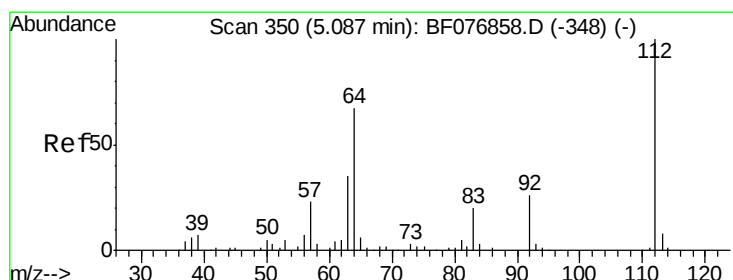
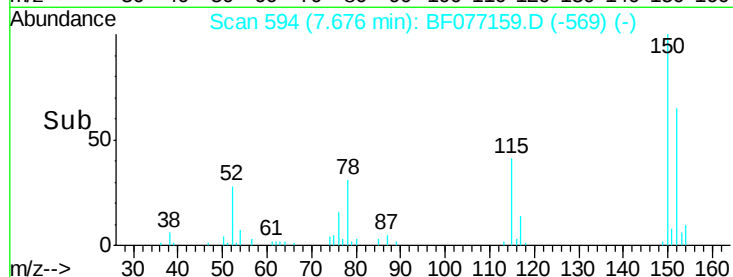
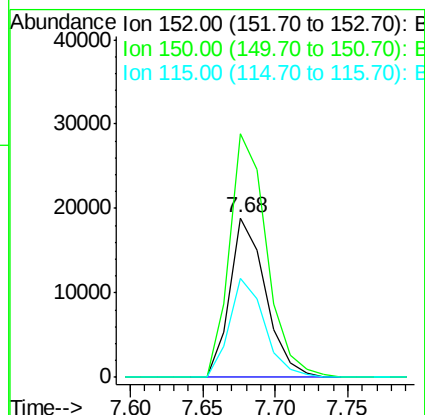
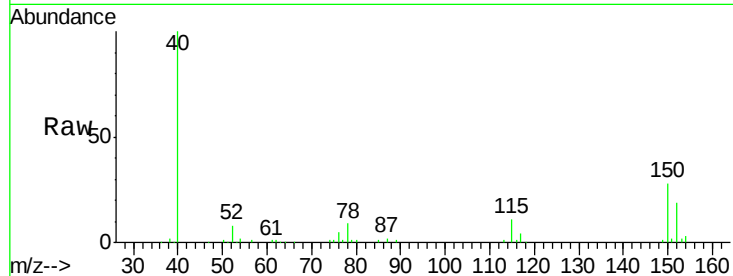


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077159.D
Acq: 2 Feb 2015 16:14

Instrument :
BNA_F
ClientSampleId :

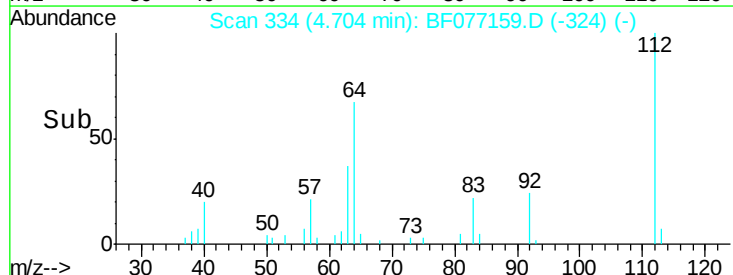
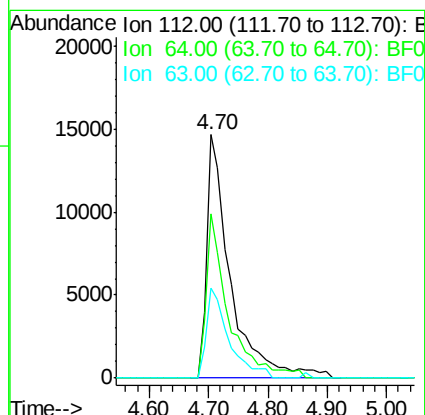
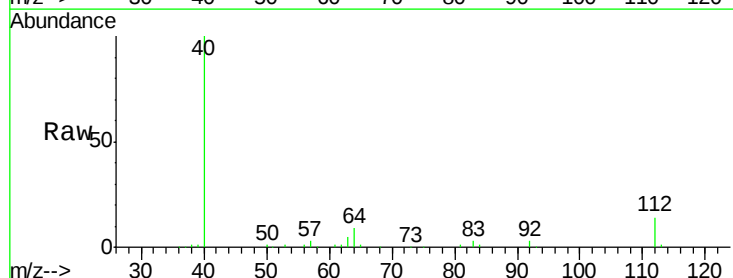
Tot Ion:152 Resp: 32346
Ion Ratio Lower Upper
152 100
150 152.8 121.7 182.5
115 62.0 47.0 70.6



#5

2-Fluorophenol
Concen: 20.76 ng
RT: 4.70 min Scan# 334
Delta R.T. 0.01 min
Lab File: BF077159.D
Acq: 2 Feb 2015 16:14

Tgt Ion:112 Resp: 40834
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 36.9 28.4 42.6





#7

Phenol-d6

Concen: 26.96 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077159.D

Acq: 2 Feb 2015 16:14

Instrument :

BNA_F

ClientSampleId :

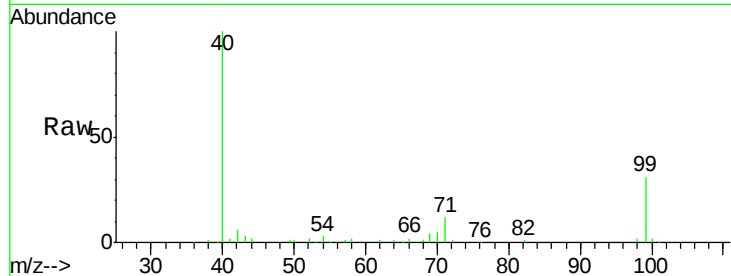
Tot Ion: 99 Resp: 66905

Ion Ratio Lower Upper

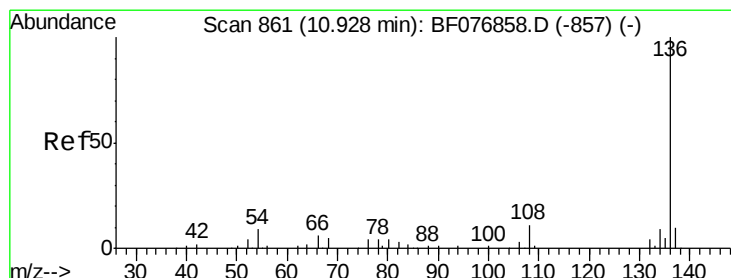
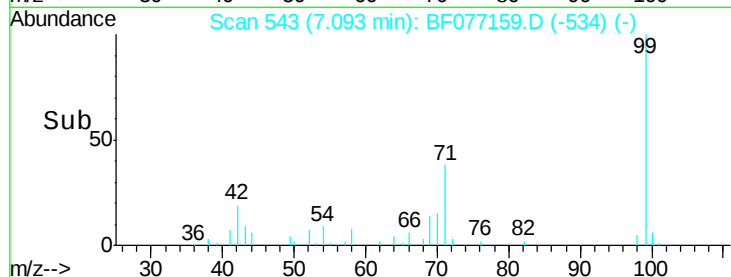
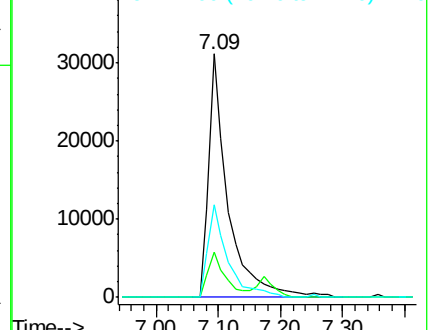
99 100

42 18.7 15.0 22.4

71 38.0 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: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF077159.D

Acq: 2 Feb 2015 16:14

Tgt Ion: 136 Resp: 136606

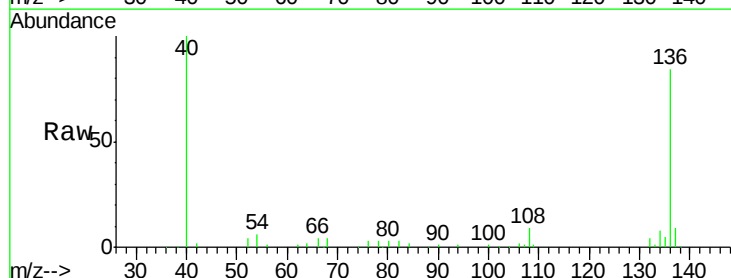
Ion Ratio Lower Upper

136 100

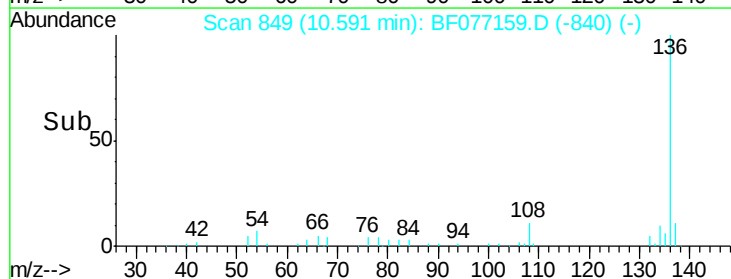
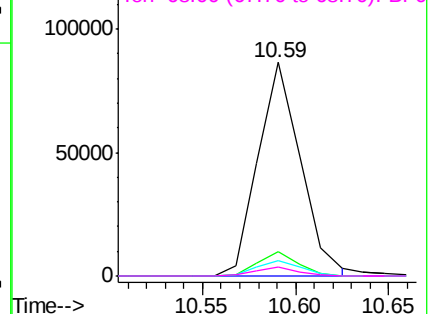
137 11.3 8.1 12.1

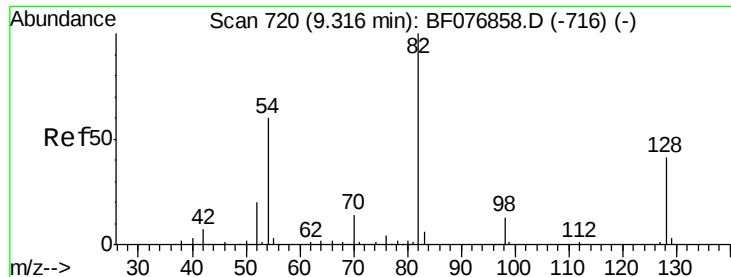
54 7.1 7.0 10.4

68 4.4 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

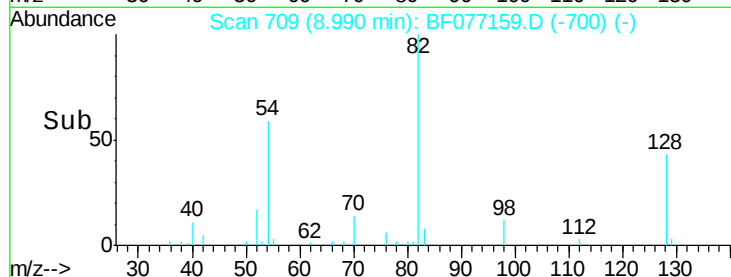
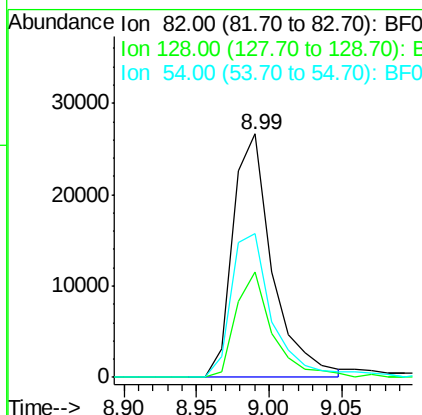
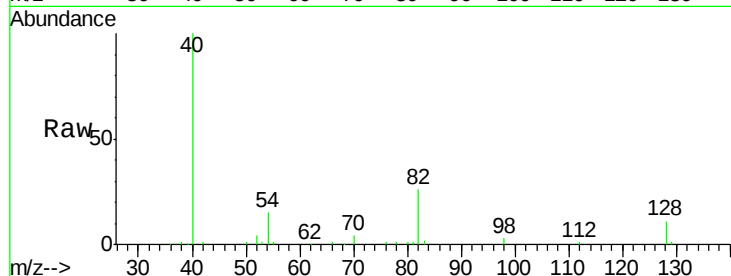




#23
 Nitrobenzene-d5
 Concen: 20.45 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF077159.D
 Acq: 2 Feb 2015 16:14

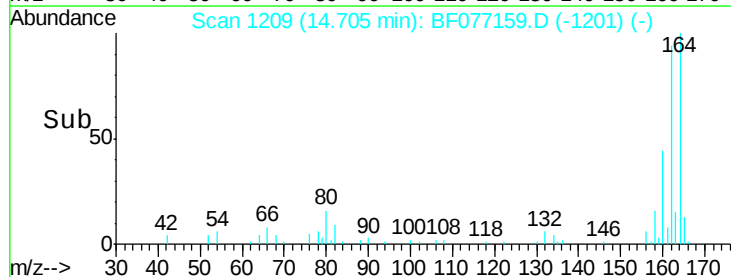
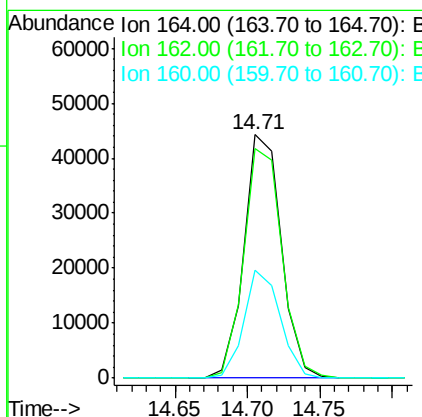
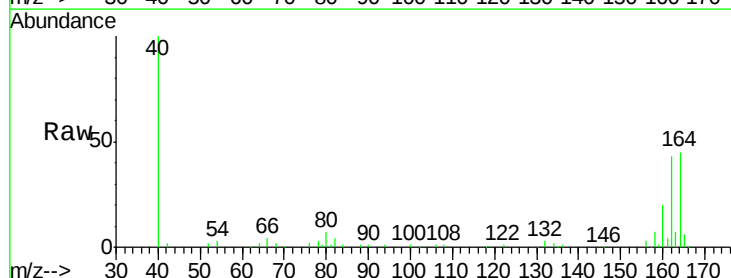
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	50413
Ion Ratio	Lower	Upper	
82	100		
128	43.1	33.1	49.7
54	59.0	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077159.D
 Acq: 2 Feb 2015 16:14

Tgt Ion	164	Resp	78984
Ion Ratio	Lower	Upper	
164	100		
162	94.3	82.4	123.6
160	44.1	34.8	52.2

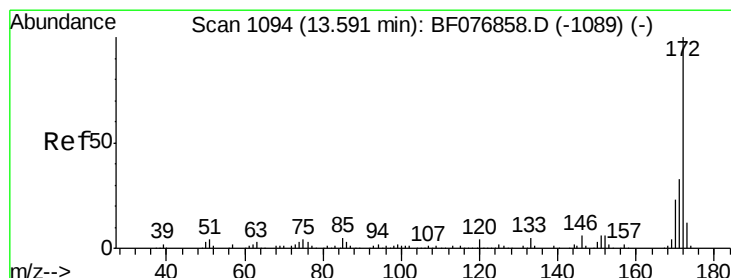
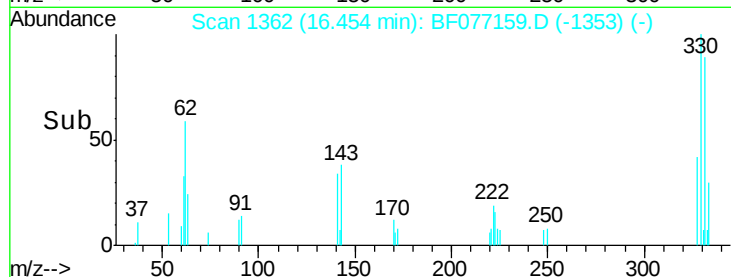
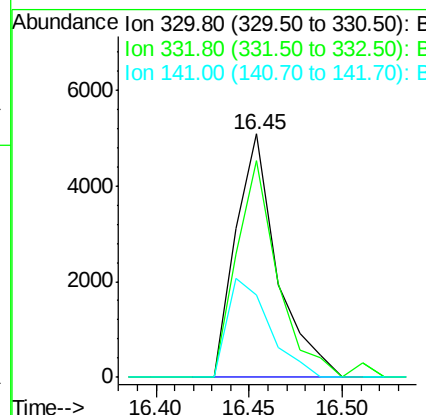
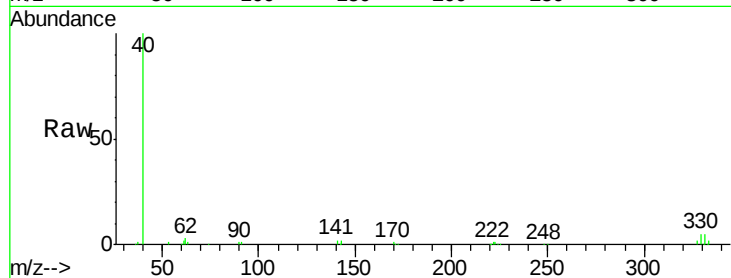




#41
 2,4,6-Tribromophenol
 Concen: 12.30 ng
 RT: 16.45 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF077159.D
 Acq: 2 Feb 2015 16:14

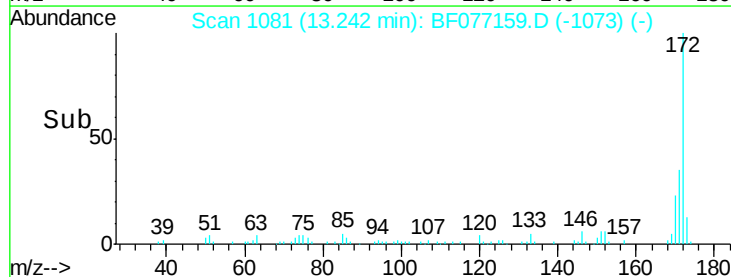
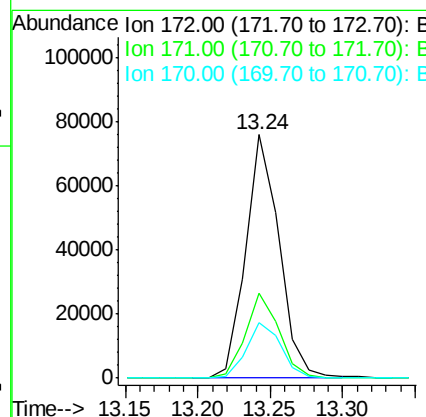
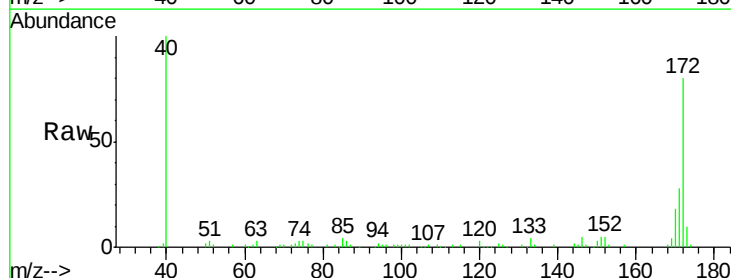
Instrument :
 BNA_F
 ClientSampleId :

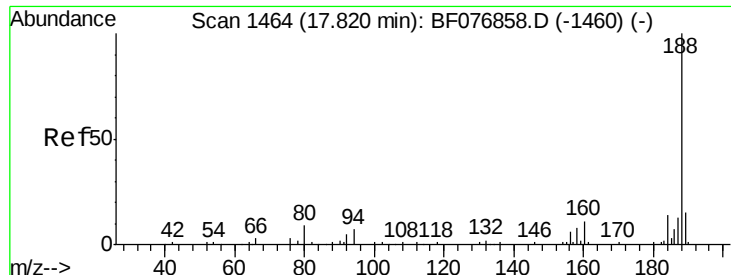
Tot Ion:330 Resp: 7888
 Ion Ratio Lower Upper
 330 100
 332 87.3 77.8 116.6
 141 41.3 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 23.44 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF077159.D
 Acq: 2 Feb 2015 16:14

Tgt Ion:172 Resp: 121673
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 22.7 18.0 27.0

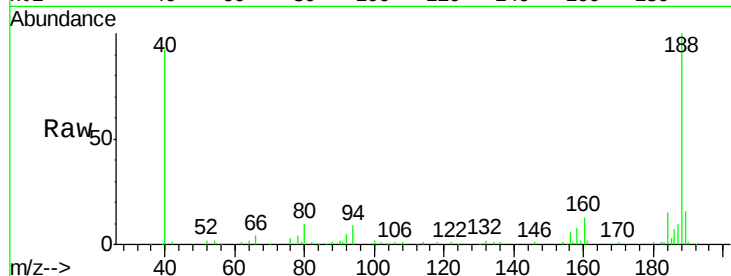




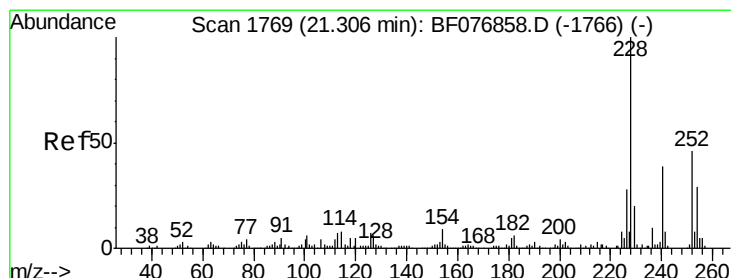
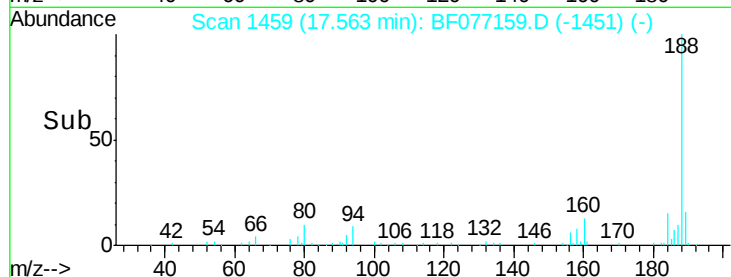
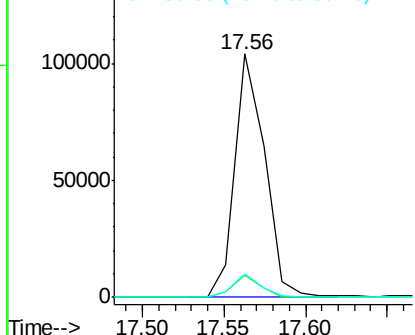
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF077159.D
Acq: 2 Feb 2015 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 132351
Ion Ratio Lower Upper
188 100
94 9.2 6.0 9.0#
80 9.8 6.9 10.3

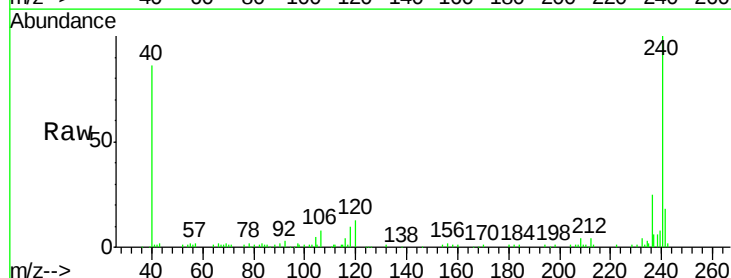


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

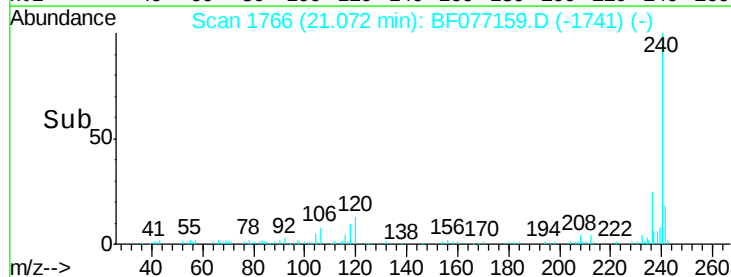
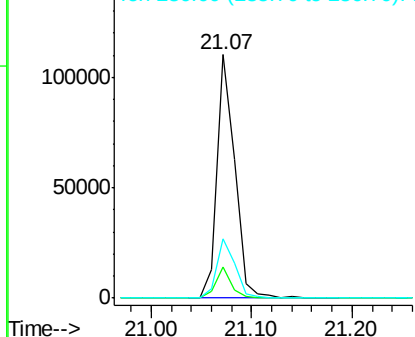


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF077159.D
Acq: 2 Feb 2015 16:14

Tgt Ion:240 Resp: 135195
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 24.6 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: 25.49 ng

RT: 19.81 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BF077159.D

Acq: 2 Feb 2015 16:14

Instrument :

BNA_F

ClientSampleId :

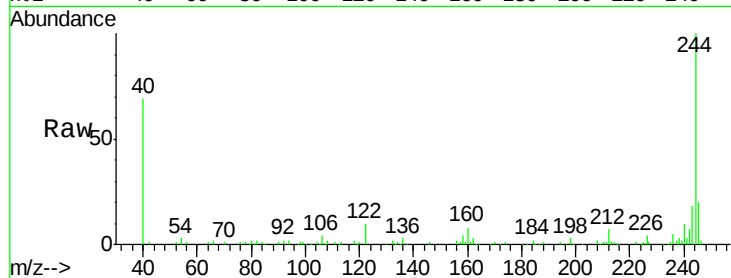
Tot Ion:244 Resp: 149689

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

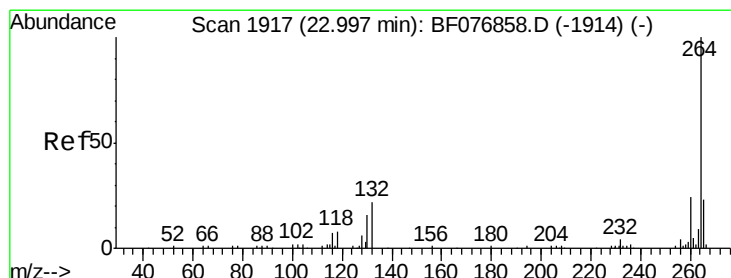
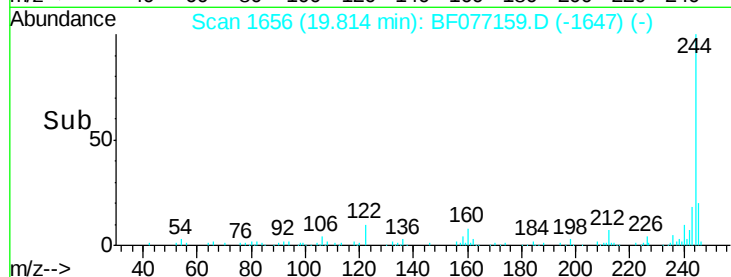
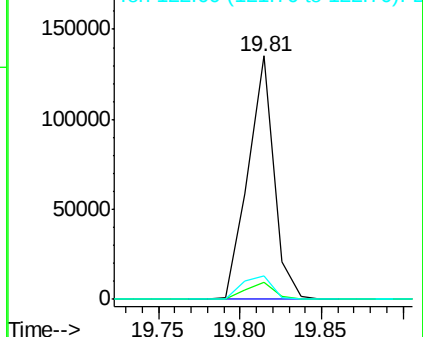
122 9.7 10.1 15.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.73 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF077159.D

Acq: 2 Feb 2015 16:14

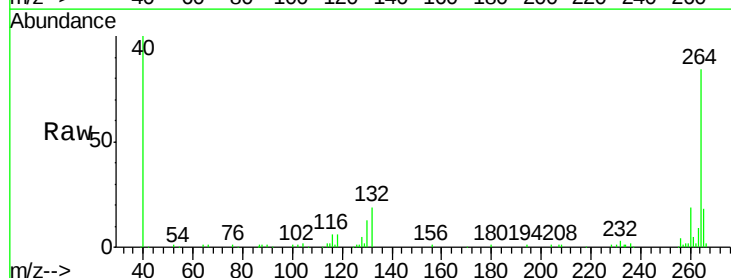
Tgt Ion:264 Resp: 119407

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.9 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

