

Data Path : Z:\HPCHEM1\BNA F\Data\BF020915\
 Data File : BF077227.D
 Acq On : 9 Feb 2015 16:39
 Operator : TP/IZ
 Sample : PB81646BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 10 00:48:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 00:37:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	28188	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	119509	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	67381	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	117916	20.00	ng	0.00
75) Chrysene-d12	21.01	240	115003	20.00	ng	0.00
86) Perylene-d12	22.66	264	98386	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.60	112	174777	101.94	ng	0.00
7) Phenol-d6	7.00	99	219394	101.44	ng	-0.01
23) Nitrobenzene-d5	8.90	82	128845	59.73	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	48528	88.72	ng	0.00
44) 2-Fluorobiphenyl	13.15	172	283208	63.96	ng	-0.01
78) Terphenyl-d14	19.76	244	320343	64.13	ng	0.00

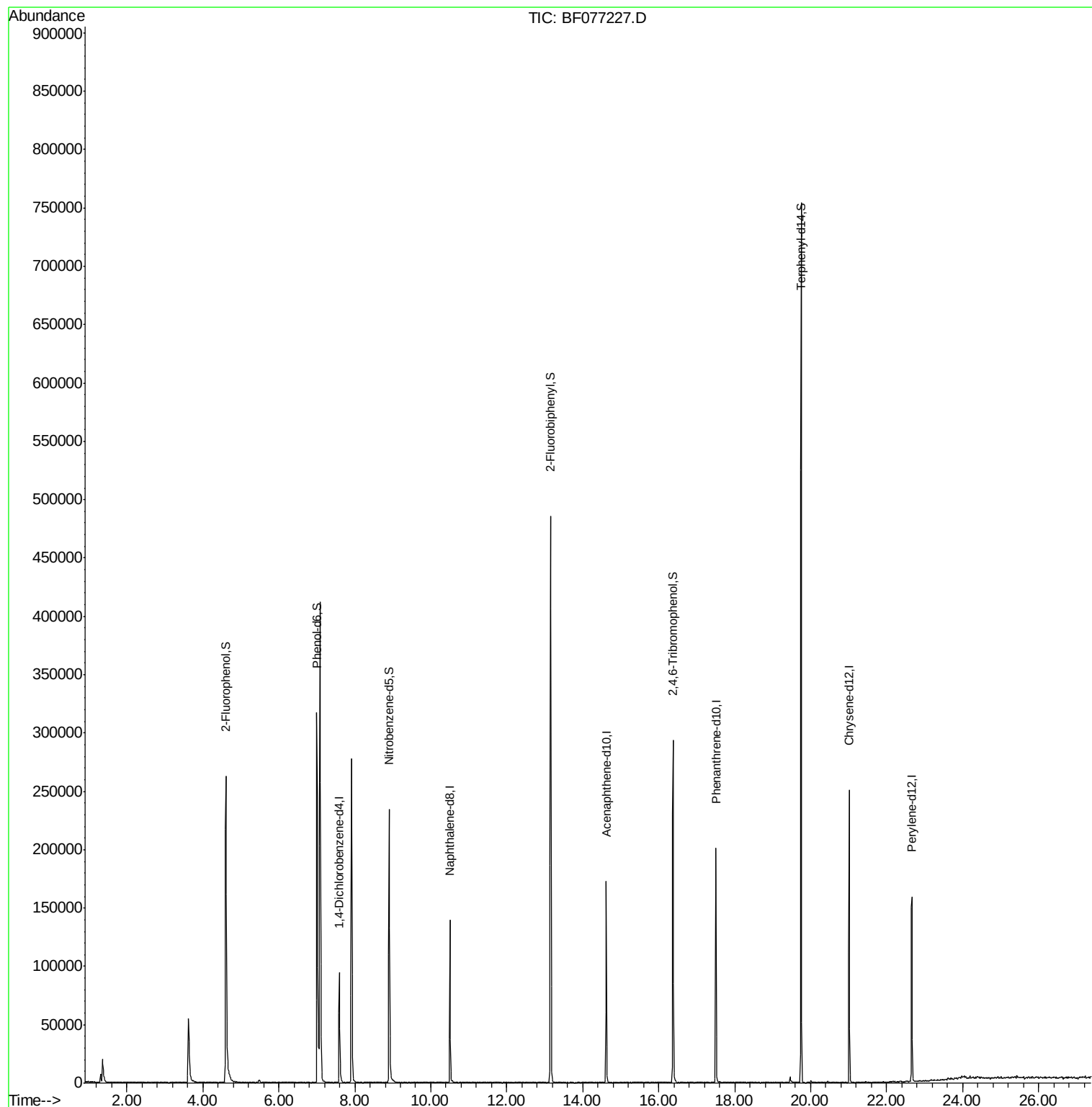
Target Compounds Qvalue

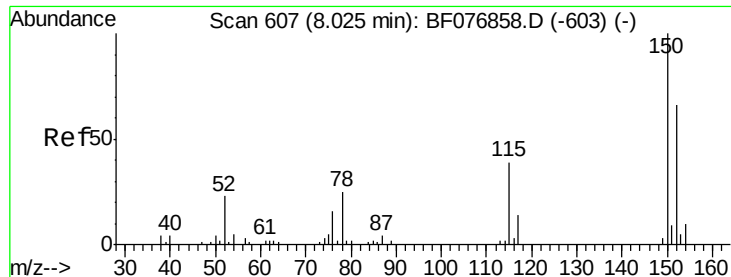
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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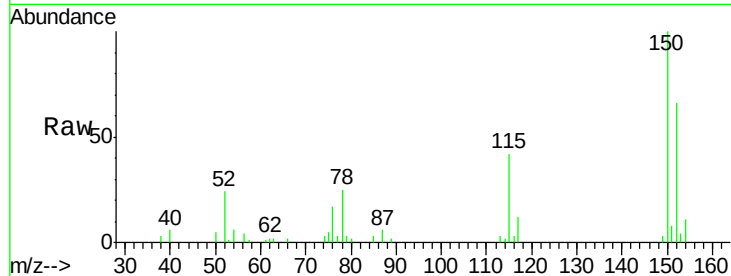


#1

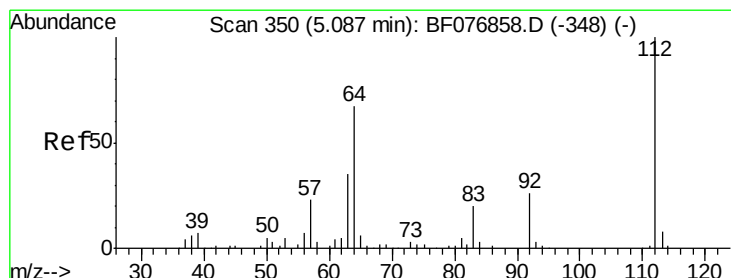
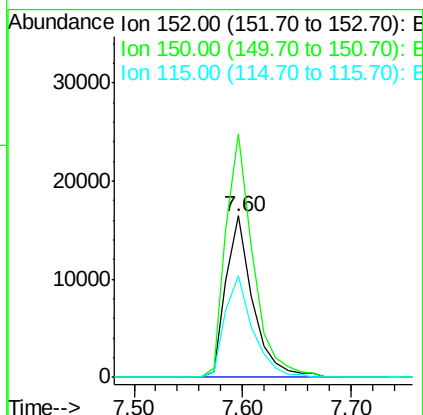
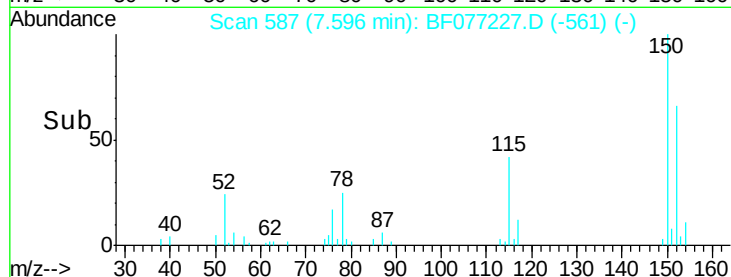
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF077227.D
Acq: 9 Feb 2015 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28188
Ion Ratio Lower Upper
152 100
150 151.0 121.7 182.5
115 62.9 47.0 70.6



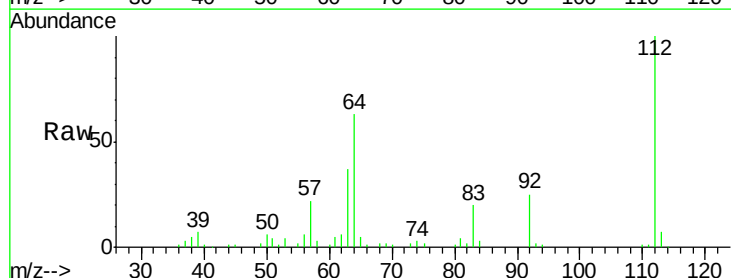
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



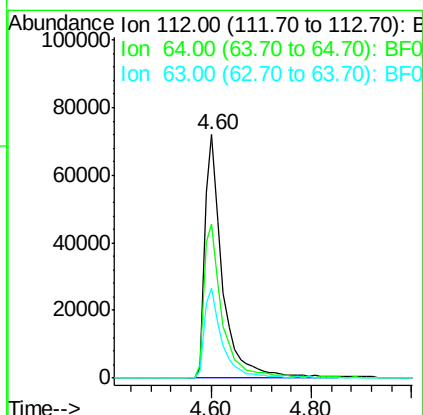
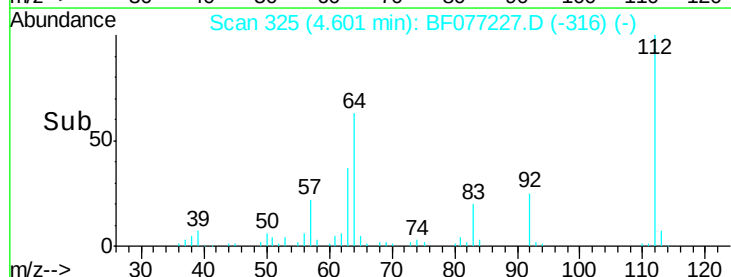
#5

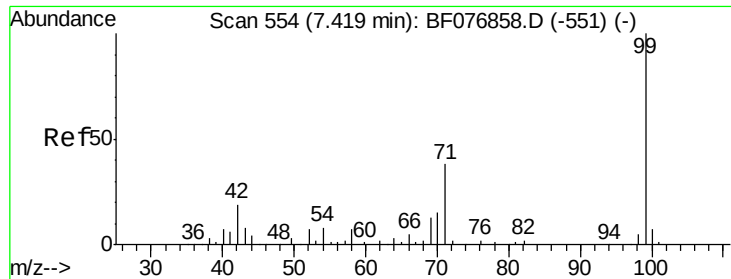
2-Fluorophenol
Concen: 101.94 ng
RT: 4.60 min Scan# 325
Delta R.T. -0.00 min
Lab File: BF077227.D
Acq: 9 Feb 2015 16:39

Tgt Ion:112 Resp: 174777
Ion Ratio Lower Upper
112 100
64 63.5 54.2 81.4
63 36.8 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: 101.44 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF077227.D

Acq: 9 Feb 2015 16:39

Instrument :

BNA_F

ClientSampled :

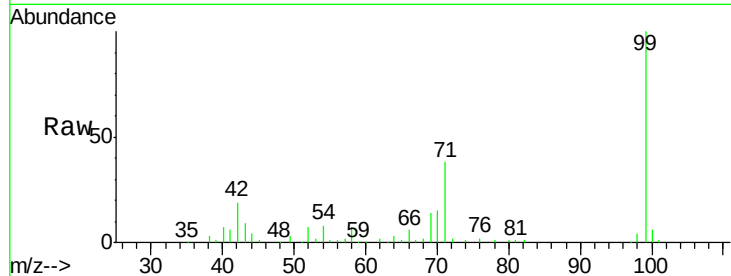
Tot Ion: 99 Resp: 219394

Ion Ratio Lower Upper

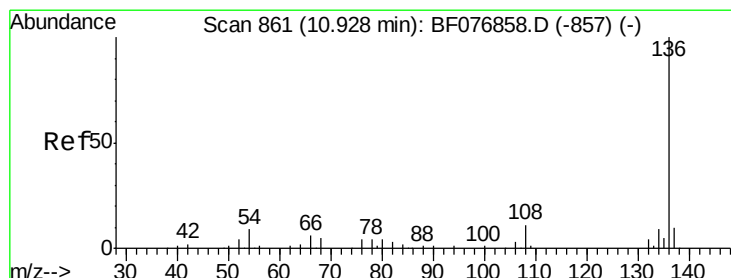
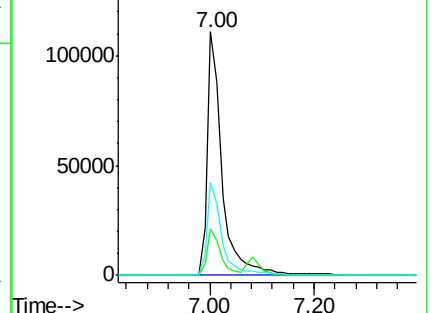
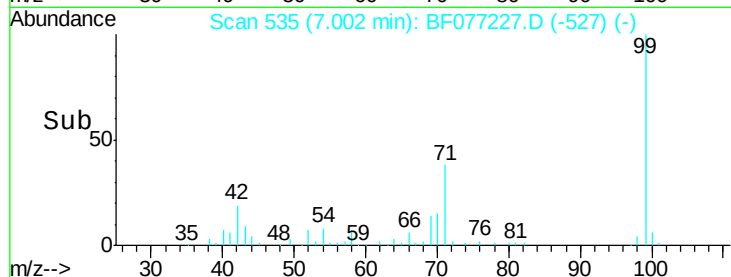
99 100

42 19.0 15.0 22.4

71 38.2 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. -0.00 min

Lab File: BF077227.D

Acq: 9 Feb 2015 16:39

Tgt Ion: 136 Resp: 119509

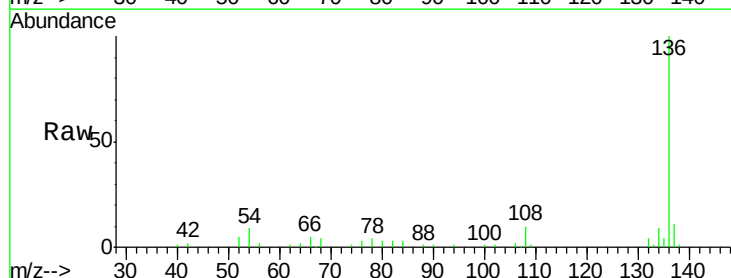
Ion Ratio Lower Upper

136 100

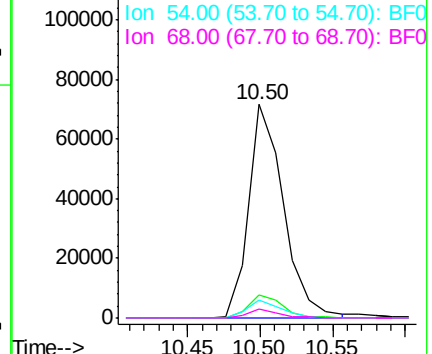
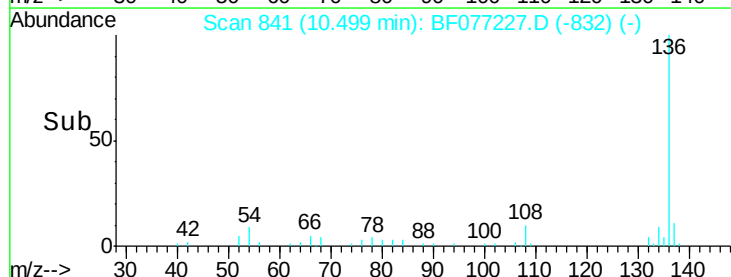
137 10.9 8.1 12.1

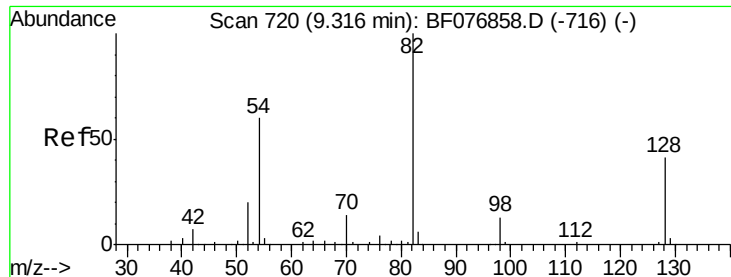
54 8.5 7.0 10.4

68 4.1 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

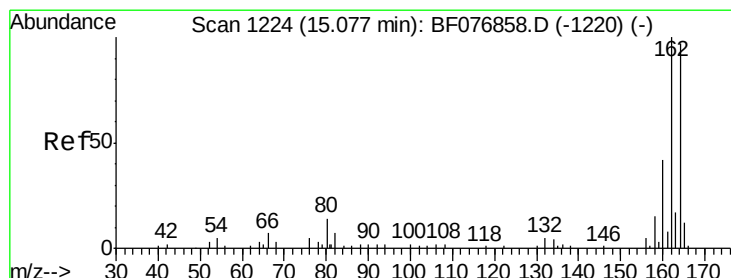
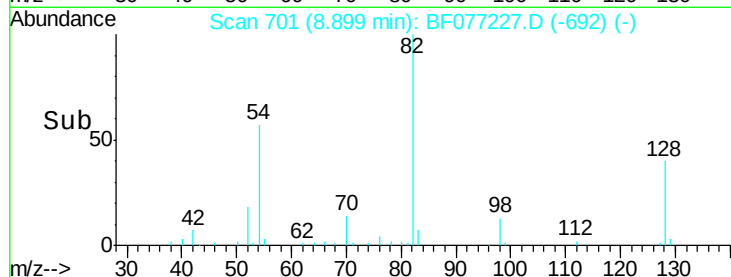
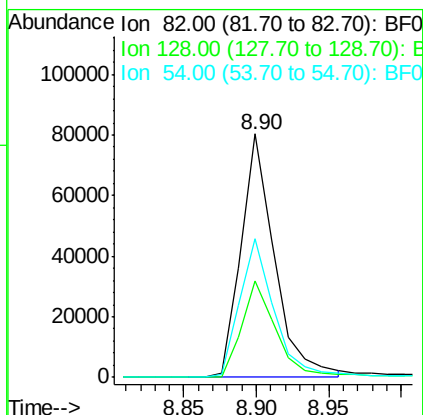
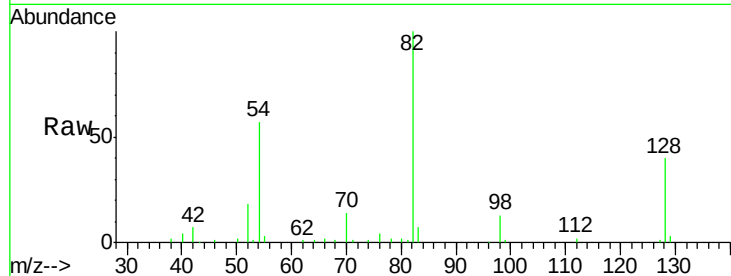




#23
 Nitrobenzene-d5
 Concen: 59.73 ng
 RT: 8.90 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF077227.D
 Acq: 9 Feb 2015 16:39

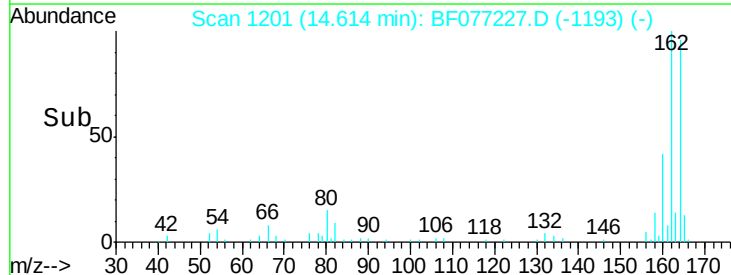
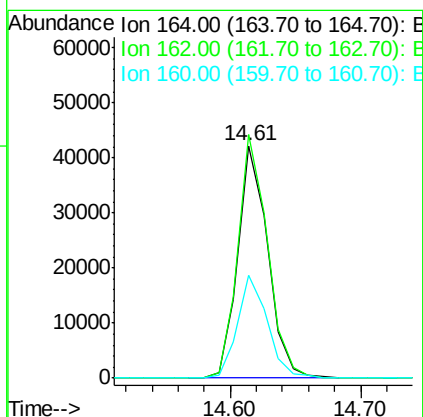
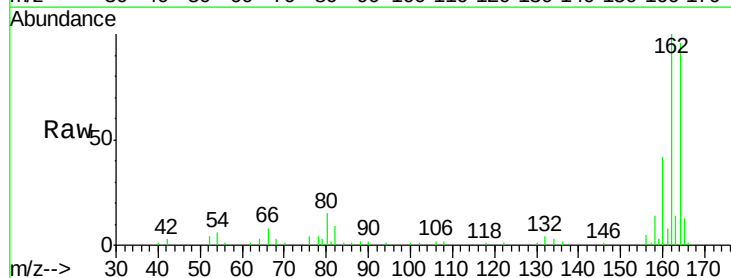
Instrument :
 BNA_F
 ClientSampled :

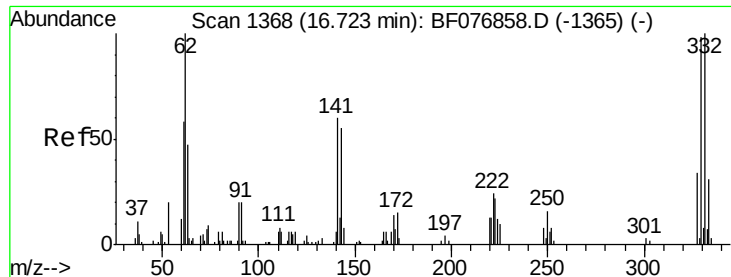
Tot Ion	82	Resp	128	Ratio	Lower	Upper
82	100					
128	39.6			33.1	49.7	
54	56.9			48.3	72.5	



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF077227.D
 Acq: 9 Feb 2015 16:39

Tgt Ion	164	Resp	67381	Ratio	Lower	Upper
164	100					
162	104.6			82.4	123.6	
160	44.0			34.8	52.2	





#41

2,4,6-Tribromophenol

Concen: 88.72 ng

RT: 16.37 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF077227.D

Acq: 9 Feb 2015 16:39

Instrument :

BNA_F

ClientSampleId :

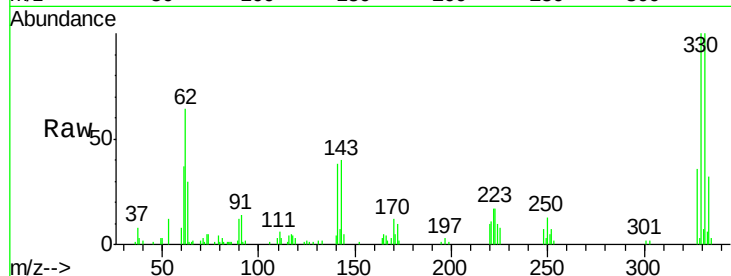
Tot Ion:330 Resp: 48528

Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.6

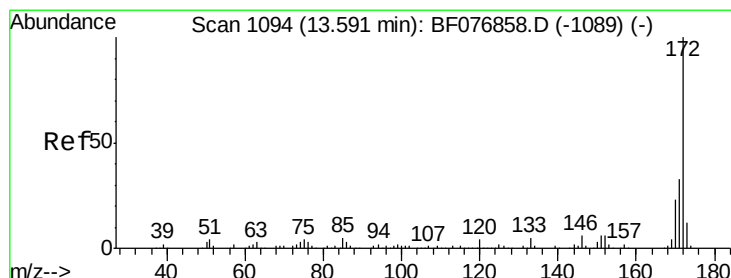
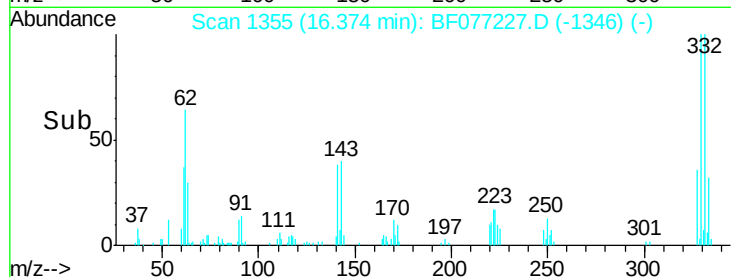
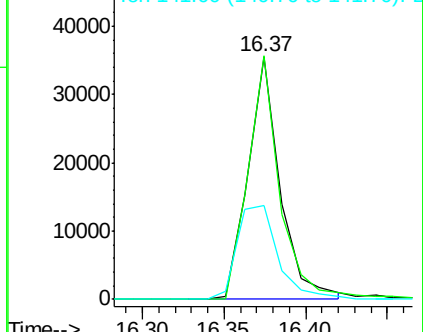
141 49.1 38.5 57.7



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: 63.96 ng

RT: 13.15 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF077227.D

Acq: 9 Feb 2015 16:39

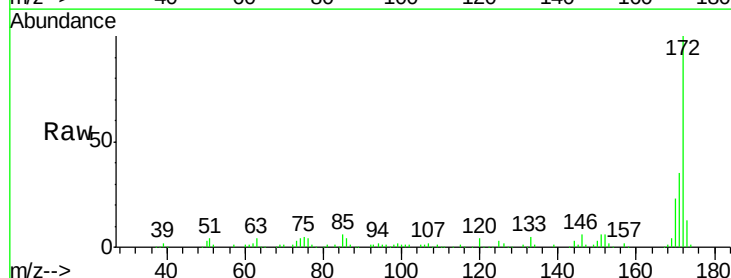
Tgt Ion:172 Resp: 283208

Ion Ratio Lower Upper

172 100

171 35.1 26.6 40.0

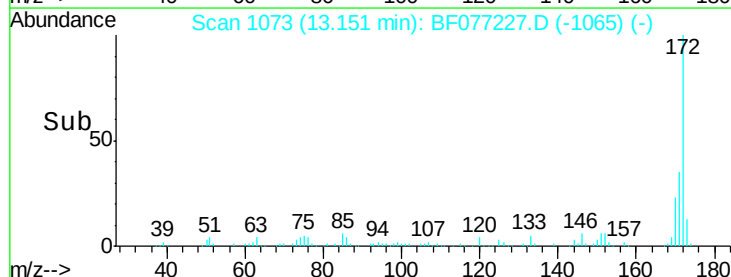
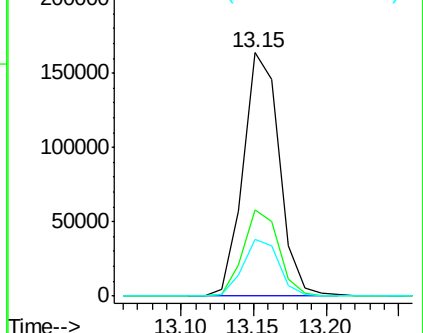
170 23.3 18.0 27.0

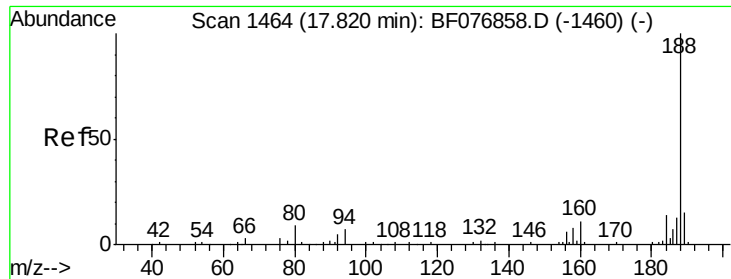


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF077227.D

Acq: 9 Feb 2015 16:39

Instrument :

BNA_F

ClientSampleId :

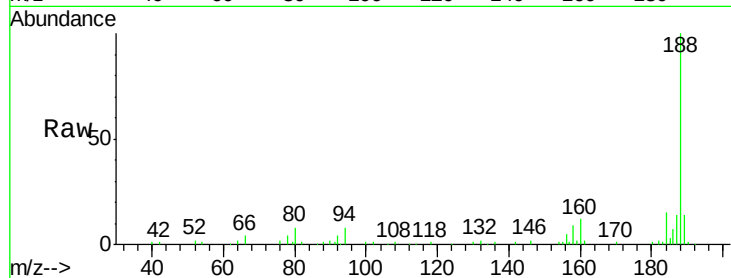
Tot Ion:188 Resp: 117916

Ion Ratio Lower Upper

188 100

94 8.3 6.0 9.0

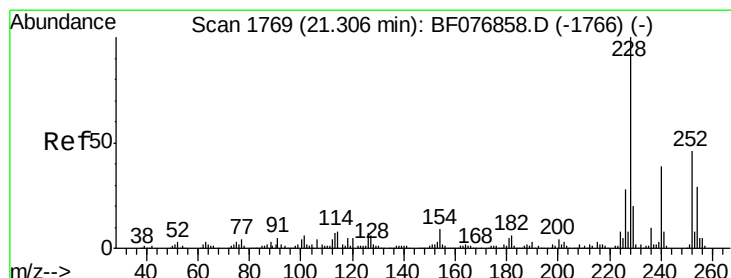
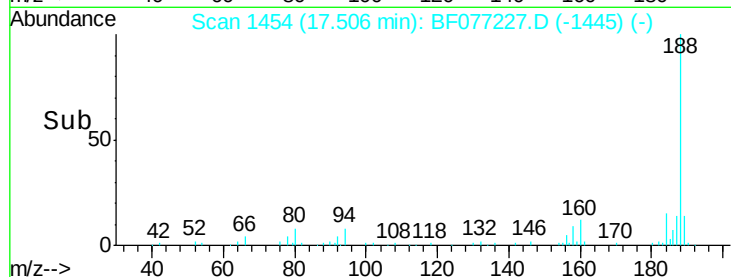
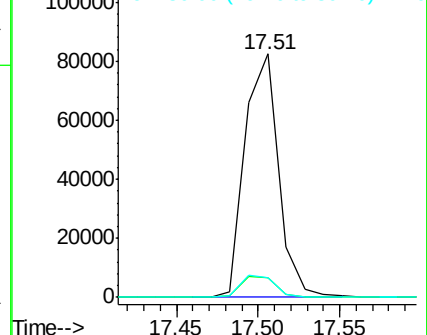
80 8.0 6.9 10.3



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: BF077227.D

Acq: 9 Feb 2015 16:39

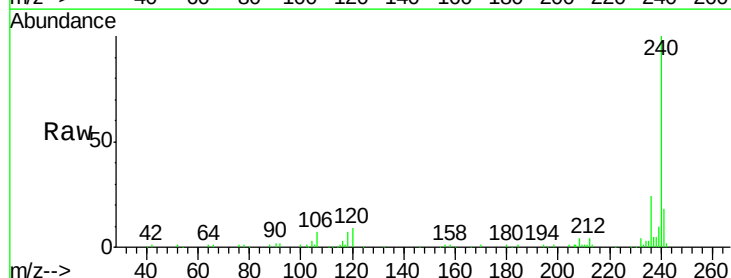
Tgt Ion:240 Resp: 115003

Ion Ratio Lower Upper

240 100

120 9.2 10.4 15.6#

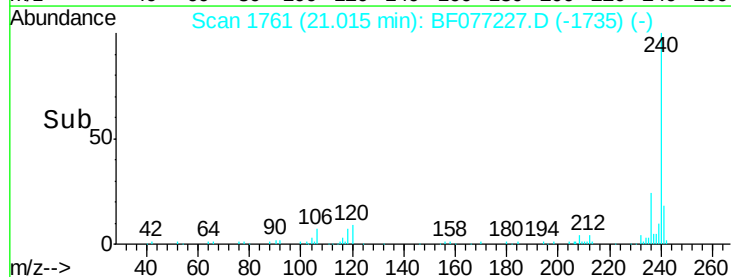
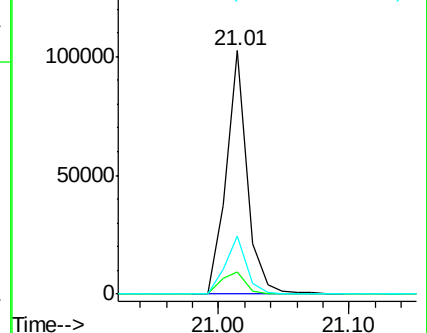
236 23.9 20.2 30.2

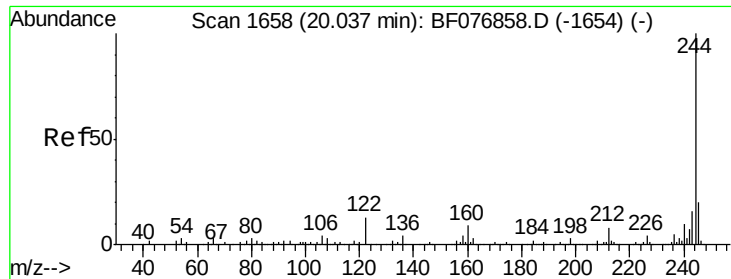


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

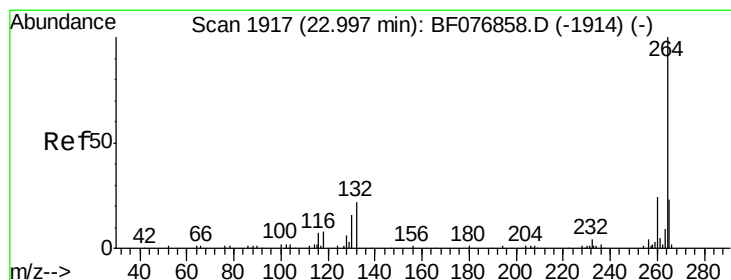
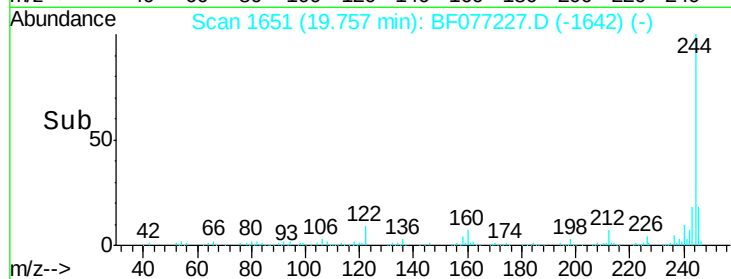
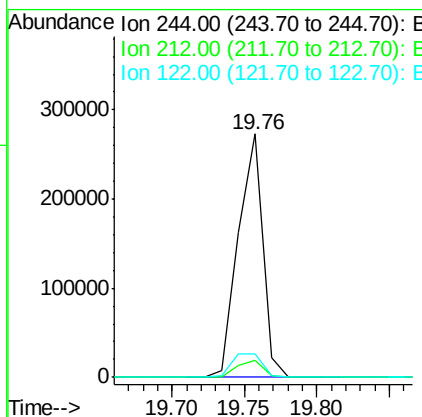
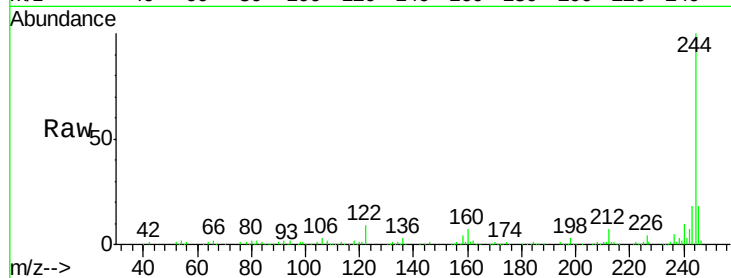




#78
 Terphenyl-d14
 Concen: 64.13 ng
 RT: 19.76 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BF077227.D
 Acq: 9 Feb 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 320343
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 9.4 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.66 min Scan# 1905
 Delta R.T. -0.03 min
 Lab File: BF077227.D
 Acq: 9 Feb 2015 16:39

Tgt Ion:264 Resp: 98386
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.4
 265 20.1 18.1 27.1

