

Data Path : Z:\HPCHEM1\BNA F\Data\BF013015\
 Data File : BF077153.D
 Acq On : 30 Jan 2015 18:41
 Operator : TP/IZ
 Sample : G1178-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 02:47:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 31 02:15:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	31320	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	130060	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	71586	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	121898	20.00	ng	-0.01
75) Chrysene-d12	21.07	240	127161	20.00	ng	-0.01
86) Perylene-d12	22.76	264	115016	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	105839	55.56	ng	0.00
7) Phenol-d6	7.09	99	132935	55.32	ng	0.00
23) Nitrobenzene-d5	8.99	82	79764	33.98	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	27645	47.57	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	153633	32.66	ng	0.00
78) Terphenyl-d14	19.81	244	172208	31.18	ng	0.00

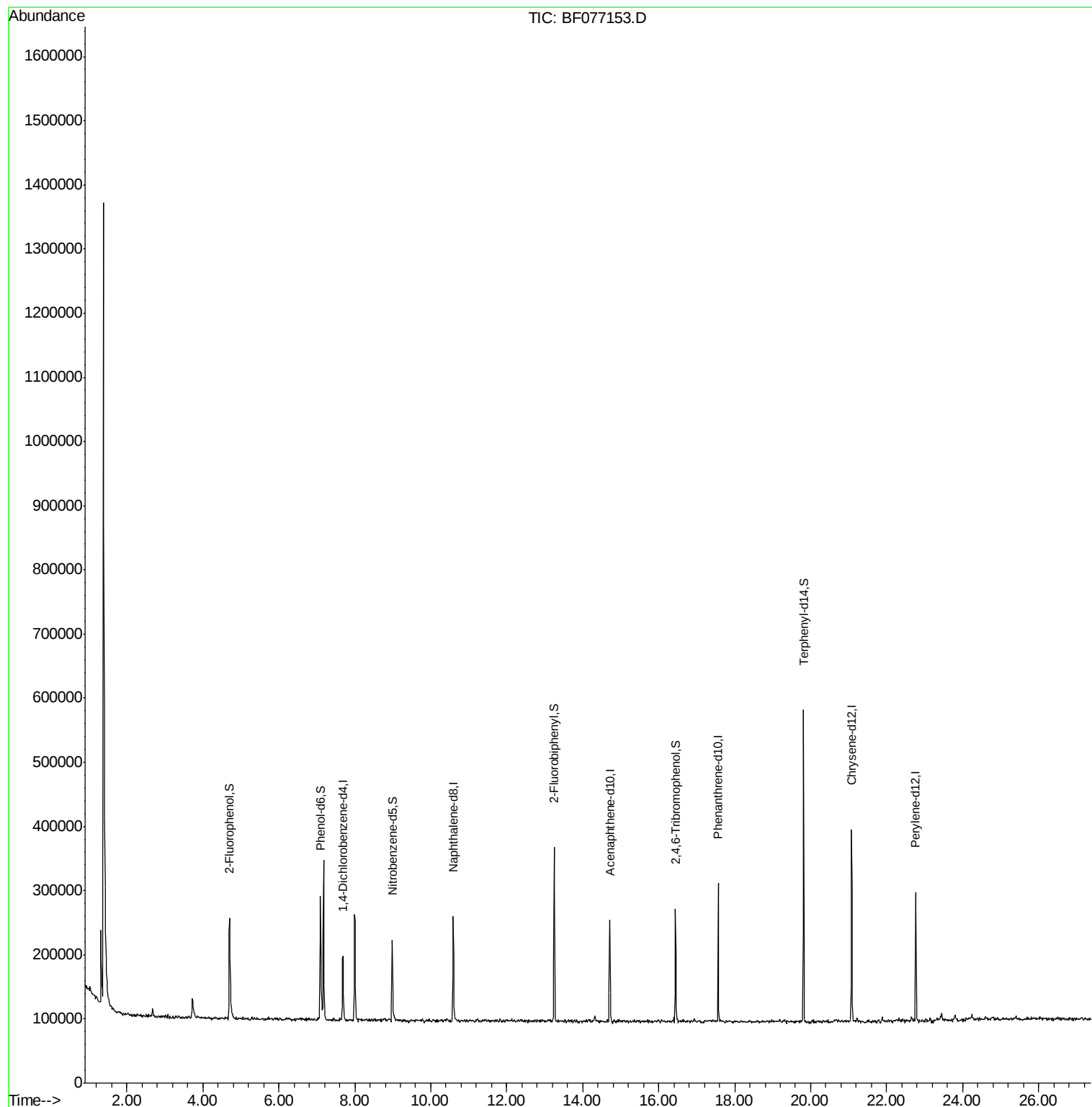
Target Compounds Qvalue

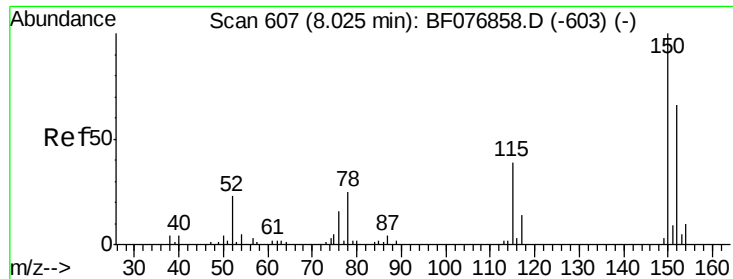
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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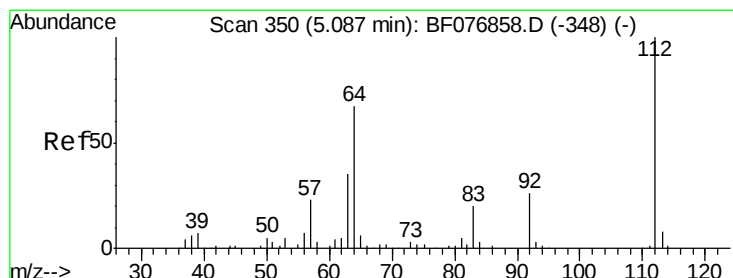
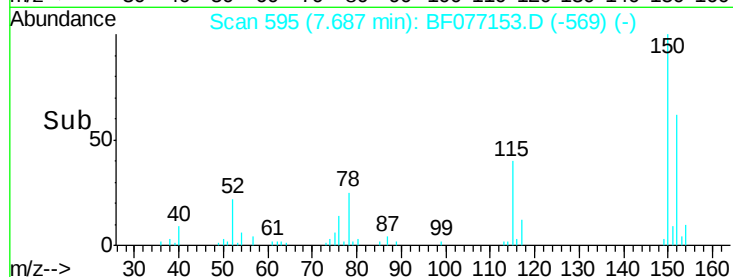
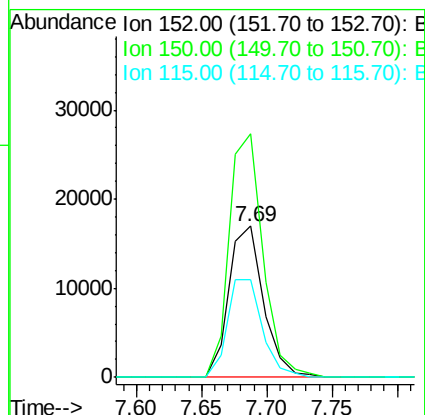
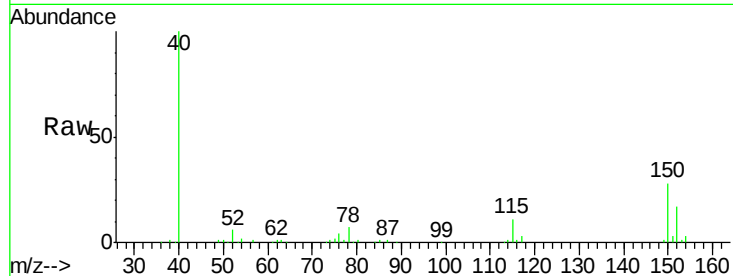


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077153.D
Acq: 30 Jan 2015 18:41

Instrument :
BNA_F
ClientSampleId :

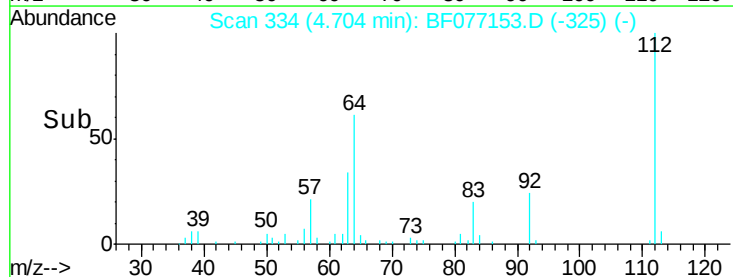
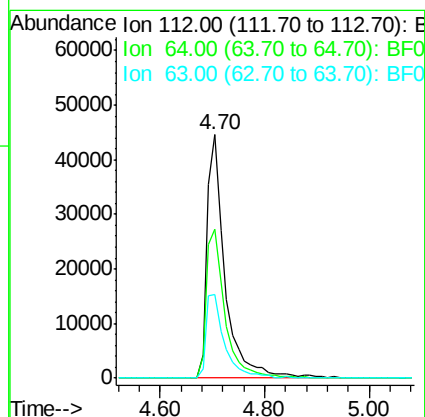
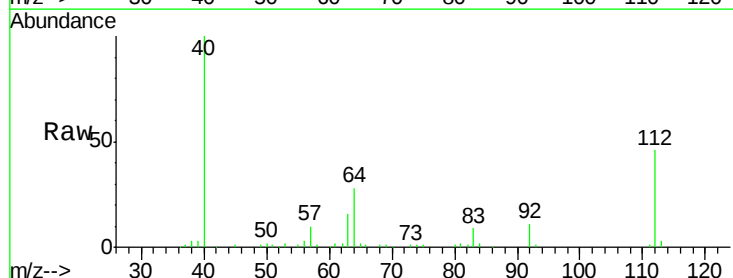
Tot Ion:152 Resp: 31320
Ion Ratio Lower Upper
152 100
150 161.4 121.7 182.5
115 65.0 47.0 70.6



#5

2-Fluorophenol
Concen: 55.56 ng
RT: 4.70 min Scan# 334
Delta R.T. -0.00 min
Lab File: BF077153.D
Acq: 30 Jan 2015 18:41

Tgt Ion:112 Resp: 105839
Ion Ratio Lower Upper
112 100
64 61.1 54.2 81.4
63 34.1 28.4 42.6





#7

Phenol-d6

Concen: 55.32 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077153.D

Acq: 30 Jan 2015 18:41

Instrument :

BNA_F

ClientSampleId :

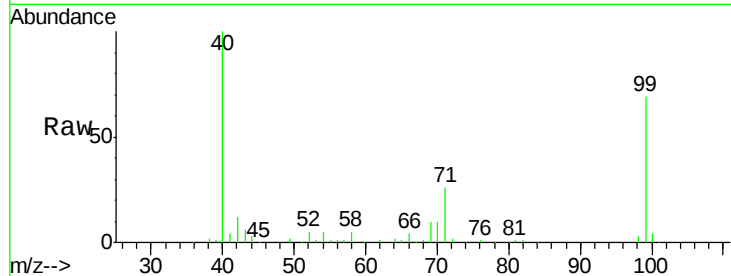
Tot Ion: 99 Resp: 132935

Ion Ratio Lower Upper

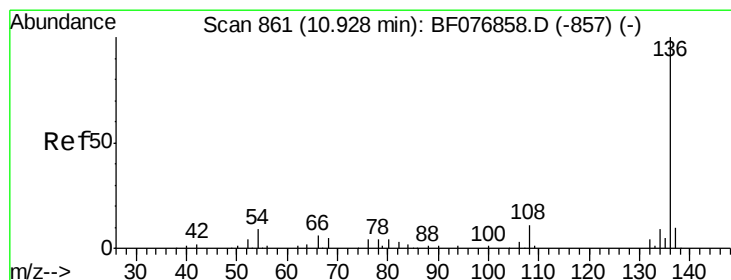
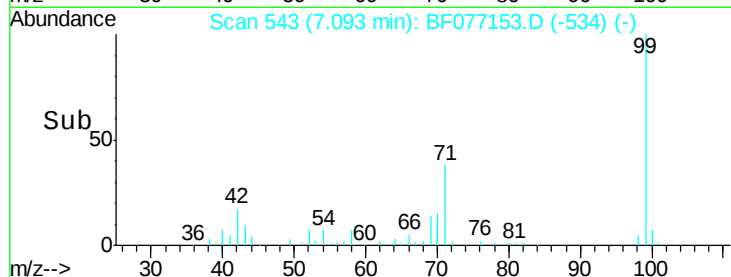
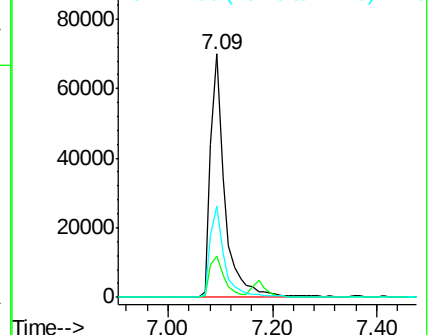
99 100

42 16.9 15.0 22.4

71 37.7 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: BF077153.D

Acq: 30 Jan 2015 18:41

Tgt Ion: 136 Resp: 130060

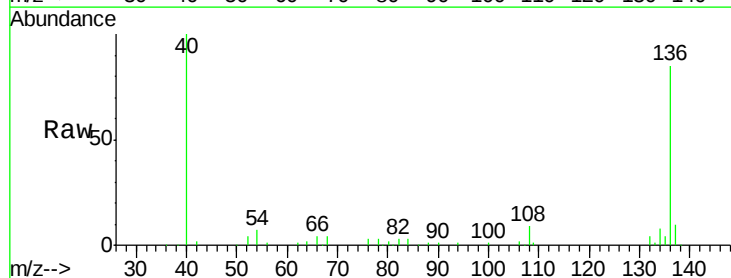
Ion Ratio Lower Upper

136 100

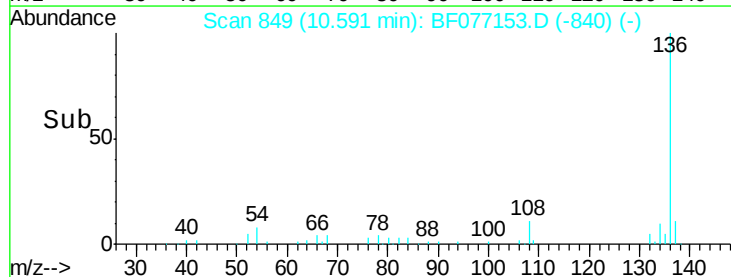
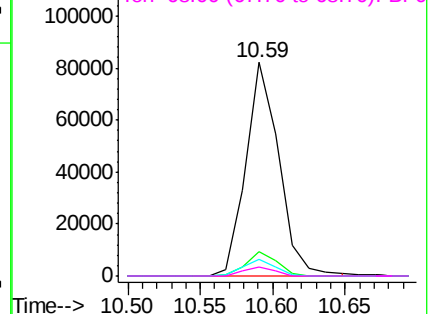
137 11.3 8.1 12.1

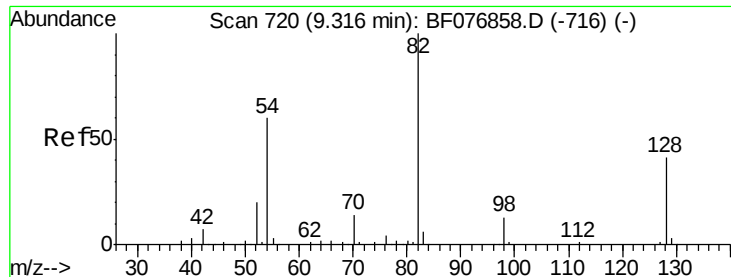
54 7.9 7.0 10.4

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

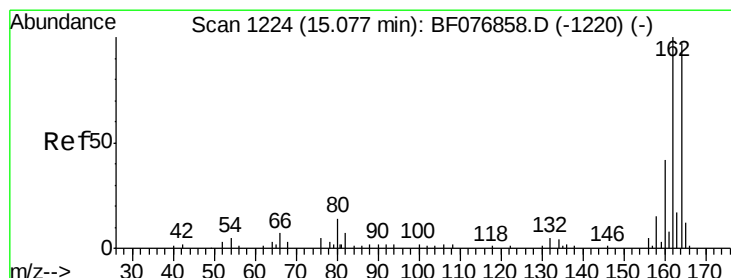
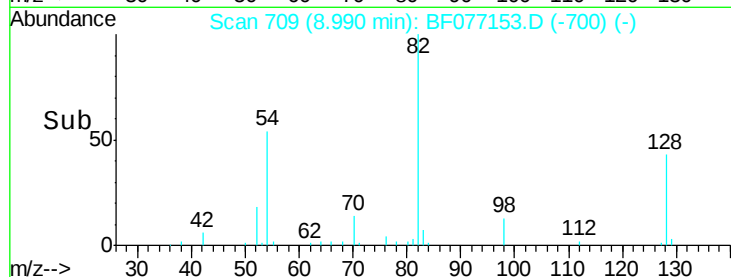
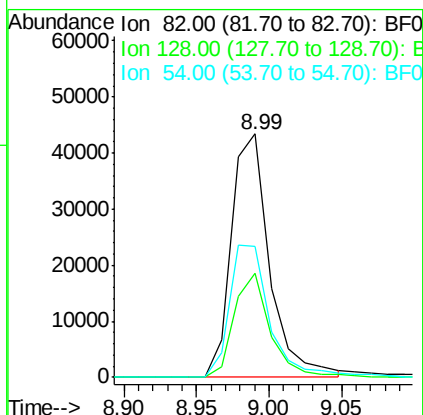
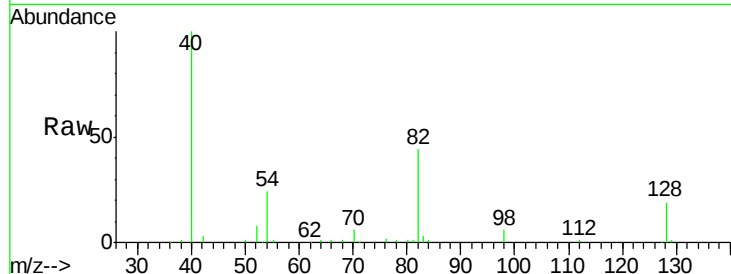




#23
 Nitrobenzene-d5
 Concen: 33.98 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF077153.D
 Acq: 30 Jan 2015 18:41

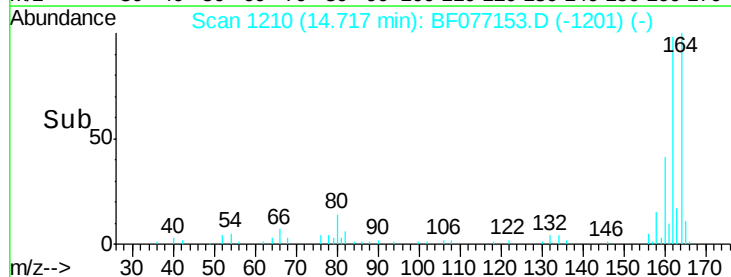
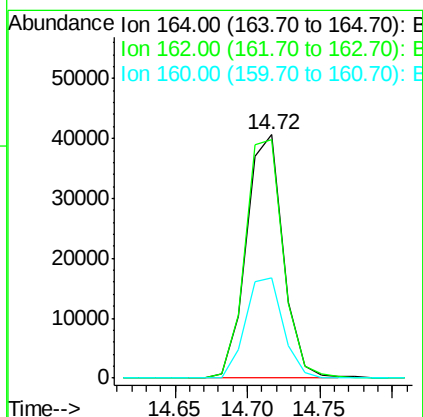
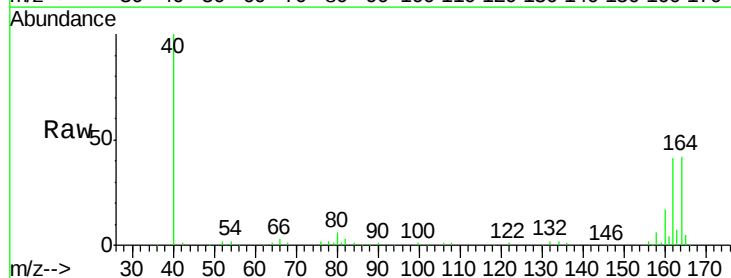
Instrument :
 BNA_F
 ClientSampleID :

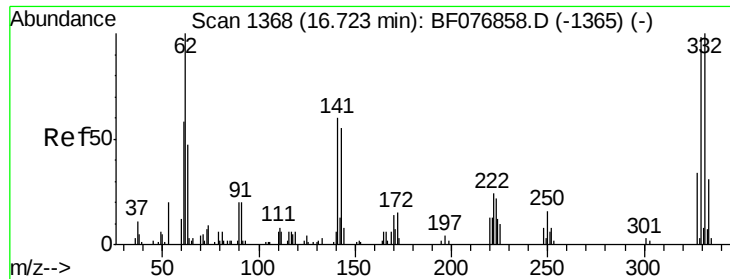
Tot Ion: 82 Resp: 79764
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.1 49.7
 54 54.0 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF077153.D
 Acq: 30 Jan 2015 18:41

Tgt Ion: 164 Resp: 71586
 Ion Ratio Lower Upper
 164 100
 162 97.8 82.4 123.6
 160 41.2 34.8 52.2

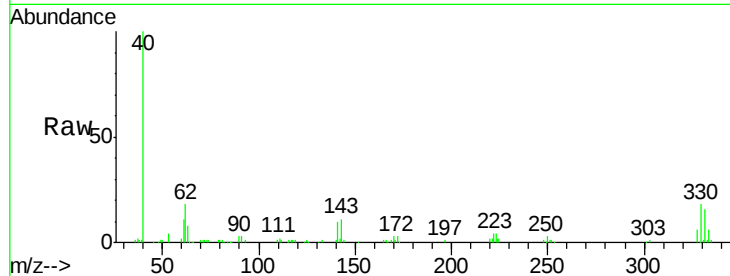




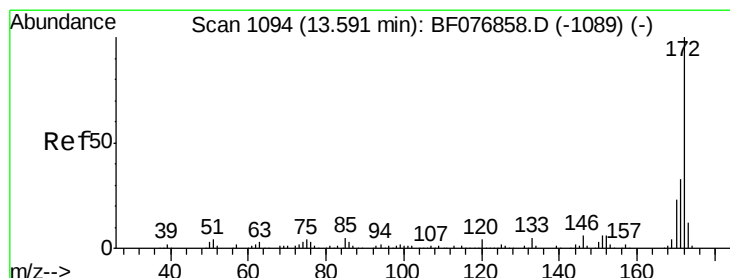
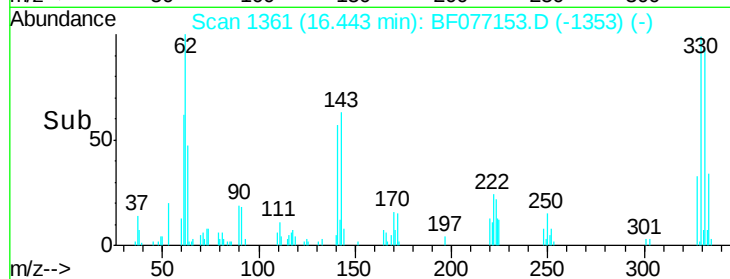
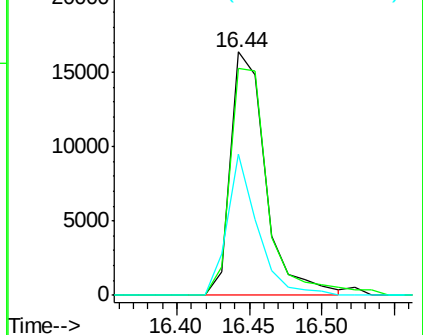
#41
 2,4,6-Tribromophenol
 Concen: 47.57 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF077153.D
 Acq: 30 Jan 2015 18:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 27645
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 50.2 38.5 57.7

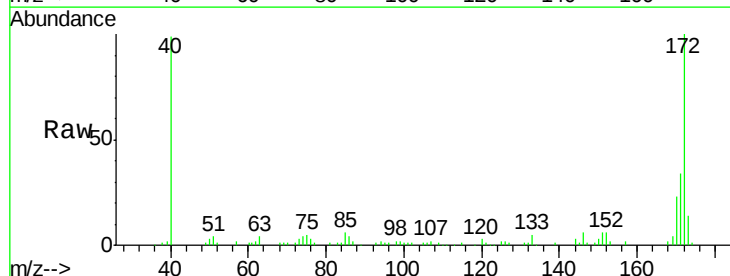


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

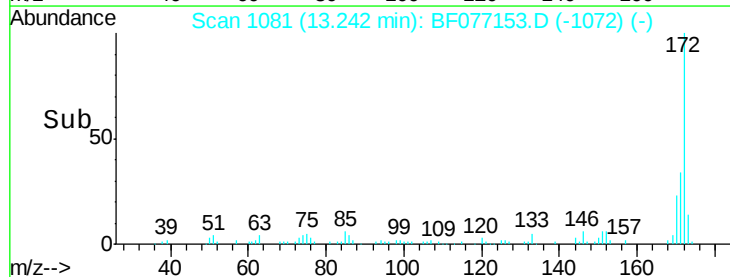
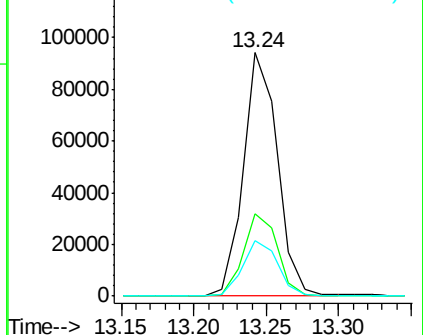


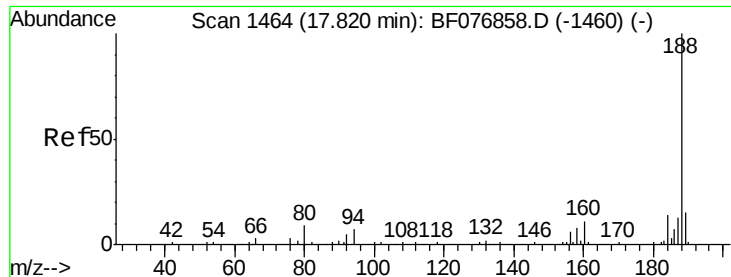
#44
 2-Fluorobiphenyl
 Concen: 32.66 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF077153.D
 Acq: 30 Jan 2015 18:41

Tgt Ion:172 Resp: 153633
 Ion Ratio Lower Upper
 172 100
 171 33.8 26.6 40.0
 170 22.9 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: 17.56 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF077153.D

Acq: 30 Jan 2015 18:41

Instrument :

BNA_F

ClientSampleId :

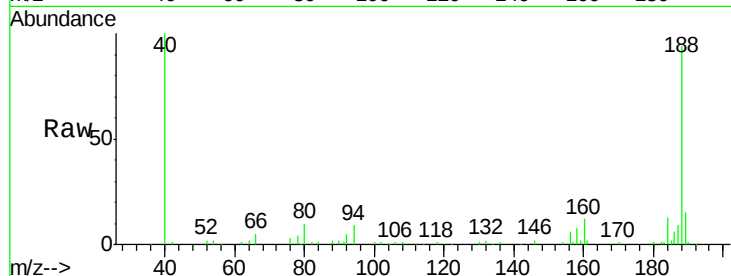
Tot Ion:188 Resp: 121898

Ion Ratio Lower Upper

188 100

94 9.8 6.0 9.0#

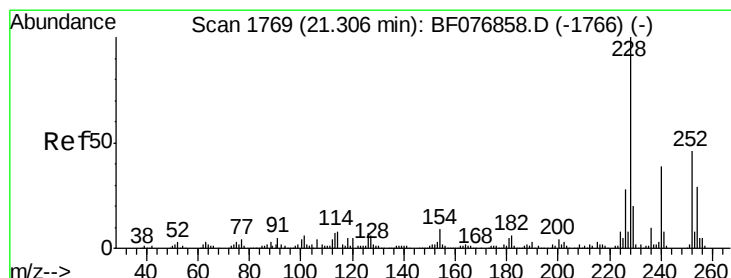
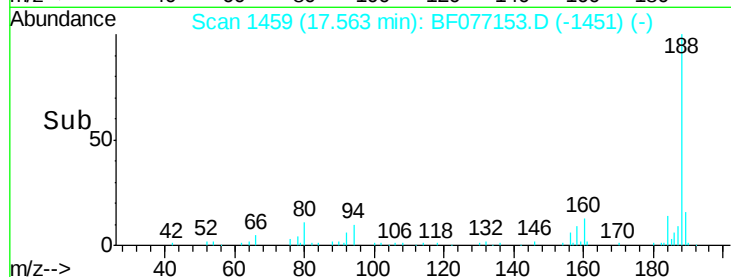
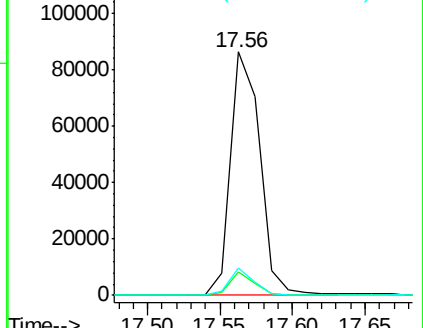
80 11.2 6.9 10.3#



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: BF077153.D

Acq: 30 Jan 2015 18:41

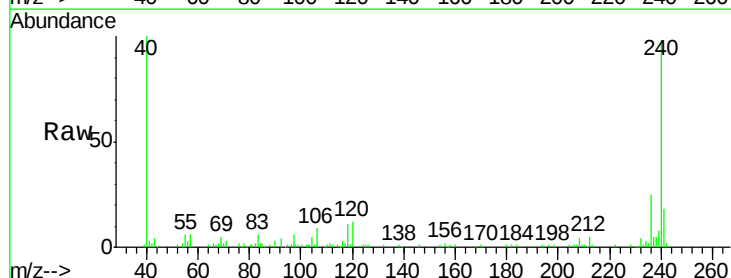
Tgt Ion:240 Resp: 127161

Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

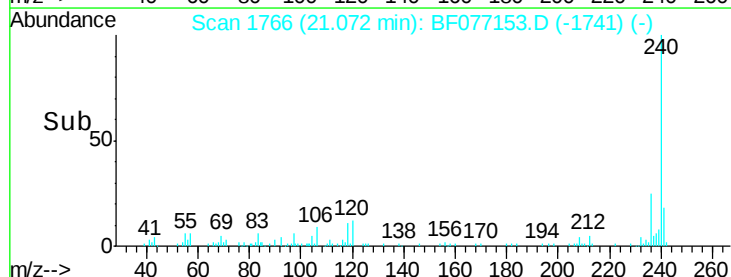
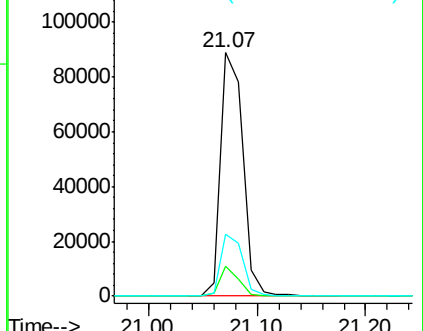
236 25.2 20.2 30.2

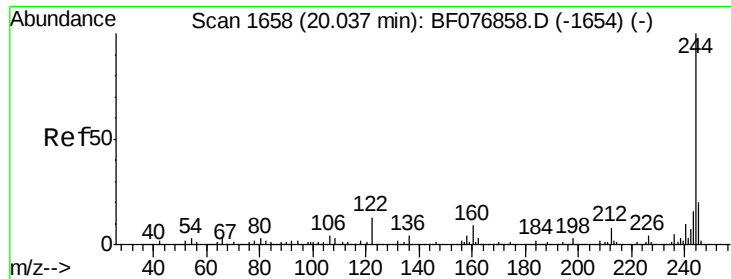


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

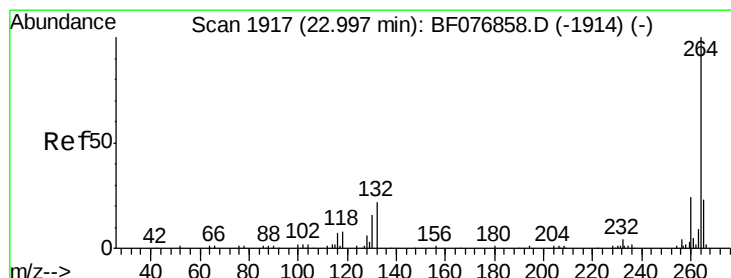
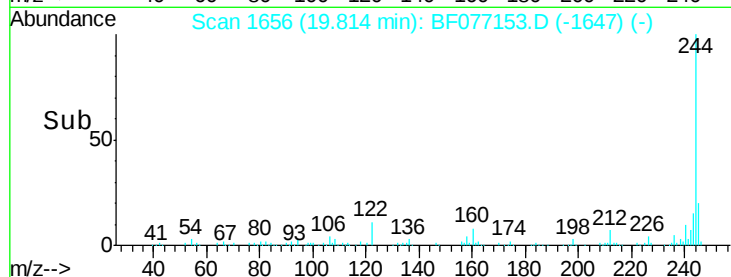
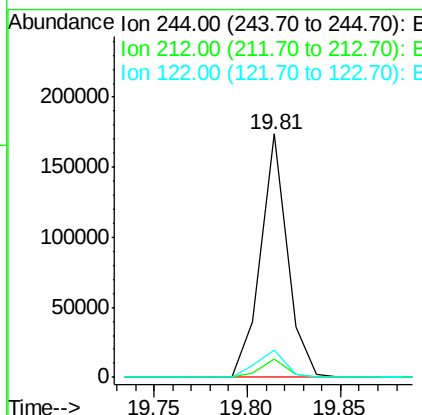
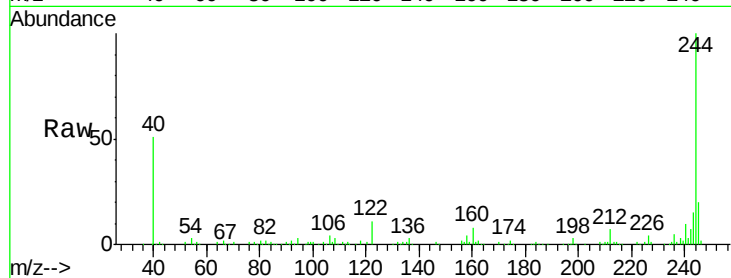




#78
 Terphenyl-d14
 Concen: 31.18 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF077153.D
 Acq: 30 Jan 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 172208
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 11.0 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.76 min Scan# 1914
 Delta R.T. -0.09 min
 Lab File: BF077153.D
 Acq: 30 Jan 2015 18:41

Tgt Ion:264 Resp: 115016
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.9 18.1 27.1

