

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
 Data File : BF076760.D
 Acq On : 6 Jan 2015 15:57
 Operator : IZ / TP
 Sample : G1011-01
 Misc : W
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Quant Time: Jan 07 02:25:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 07 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	44897	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	192128	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	103051	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	174136	20.00	ng	0.00
75) Chrysene-d12	15.50	240	158617	20.00	ng	-0.02
86) Perylene-d12	17.20	264	146498	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	146572	55.35	ng	0.01
7) Phenol-d6	6.32	99	115533	35.72	ng	0.01
23) Nitrobenzene-d5	7.42	82	261155	80.84	ng	-0.01
41) 2,4,6-Tribromophenol	11.42	330	115153	132.21	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	558317	84.31	ng	-0.01
78) Terphenyl-d14	14.25	244	529205	73.59	ng	-0.01

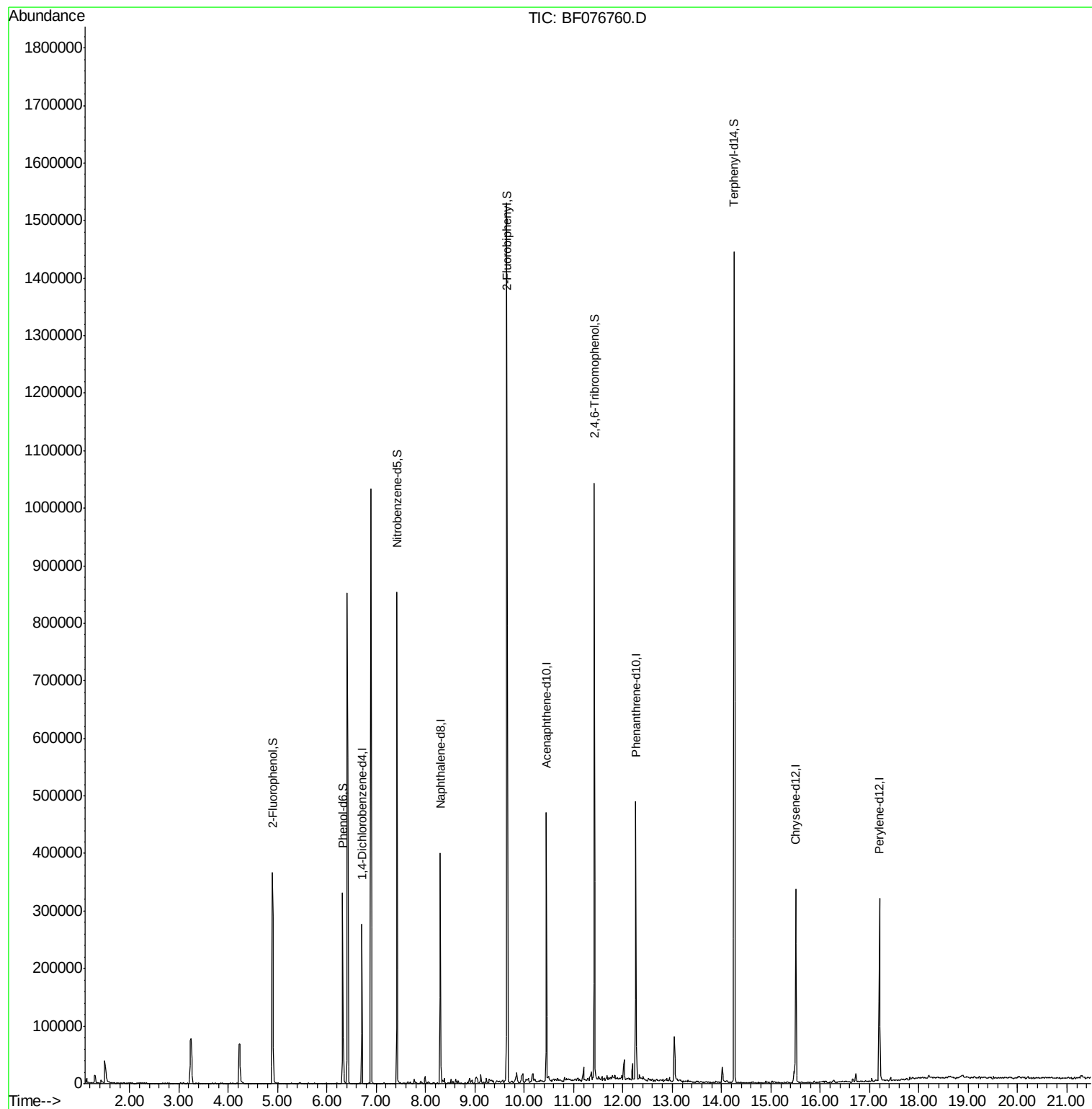
Target Compounds Qvalue

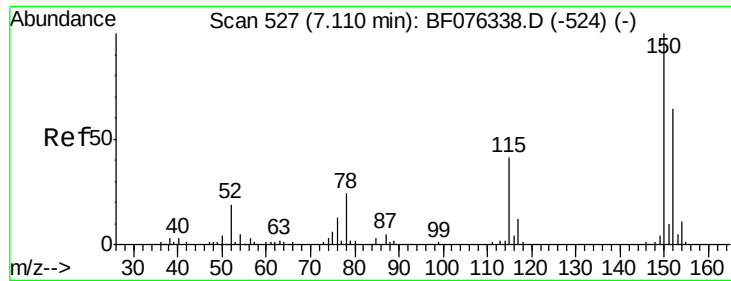
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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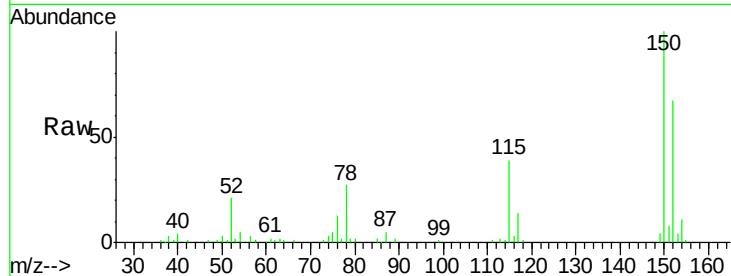


#1

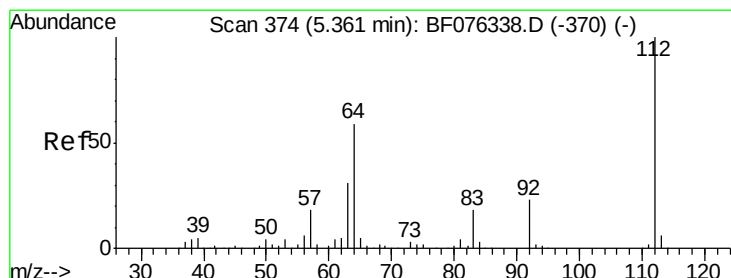
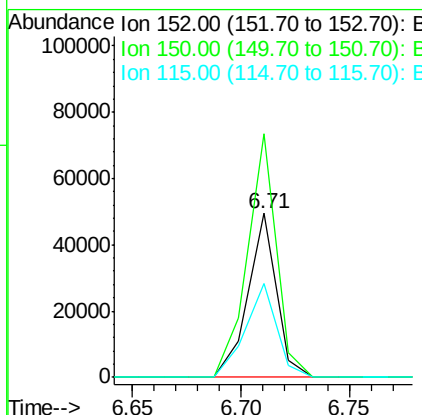
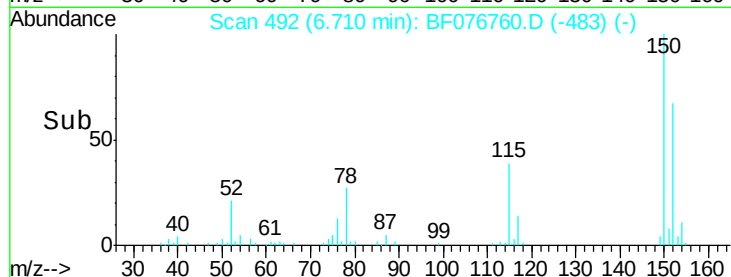
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF076760.D
Acq: 6 Jan 2015 15:57

Instrument :
BNA_F
ClientSampleId :
MW1

Tot Ion:152 Resp: 44897
Ion Ratio Lower Upper
152 100
150 148.4 125.2 187.8
115 57.5 51.4 77.0



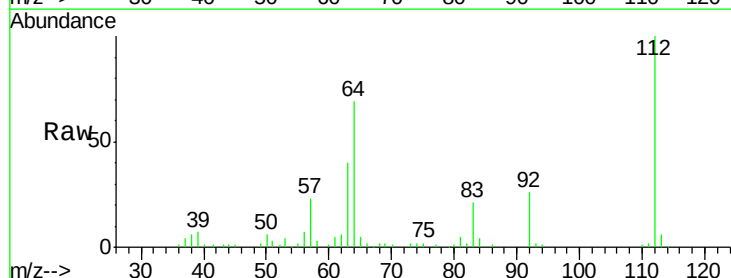
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



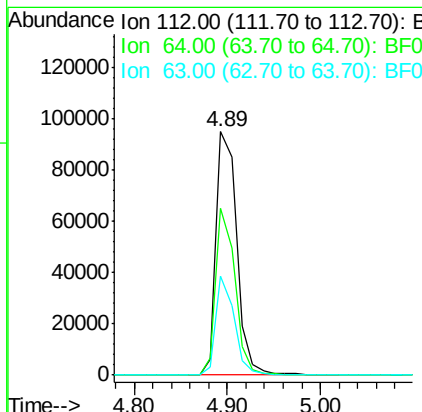
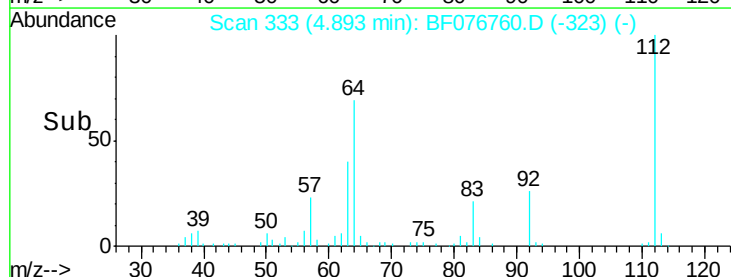
#5

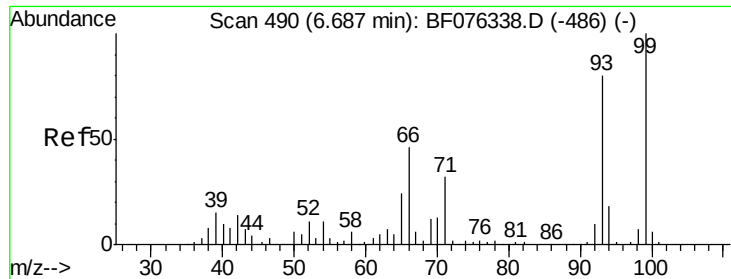
2-Fluorophenol
Concen: 55.35 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF076760.D
Acq: 6 Jan 2015 15:57

Tgt Ion:112 Resp: 146572
Ion Ratio Lower Upper
112 100
64 68.7 47.4 71.0
63 40.4 25.0 37.4#



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: 35.72 ng

RT: 6.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF076760.D

Acq: 6 Jan 2015 15:57

Instrument :

BNA_F

ClientSampleId :

MW1

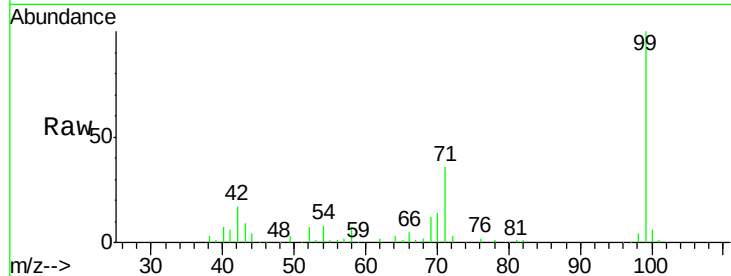
Tot Ion: 99 Resp: 115533

Ion Ratio Lower Upper

99 100

42 16.7 11.6 17.4

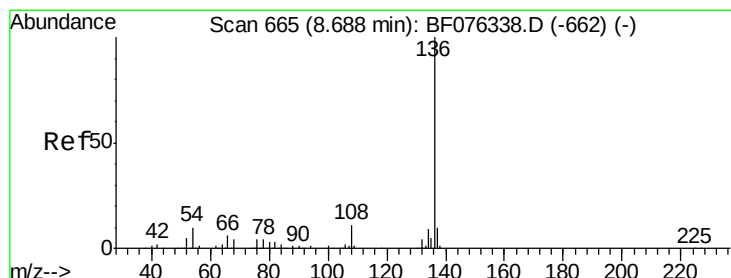
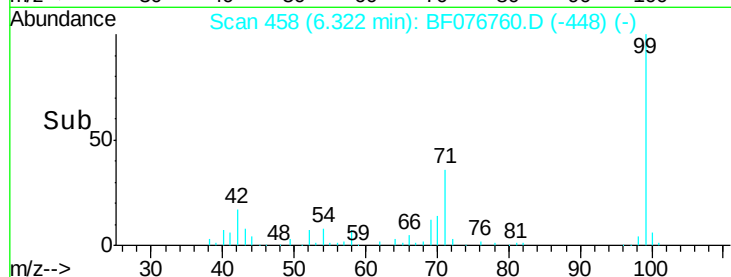
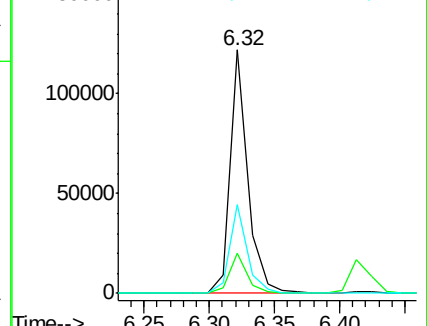
71 36.3 25.9 38.9



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: 8.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF076760.D

Acq: 6 Jan 2015 15:57

Tgt Ion: 136 Resp: 192128

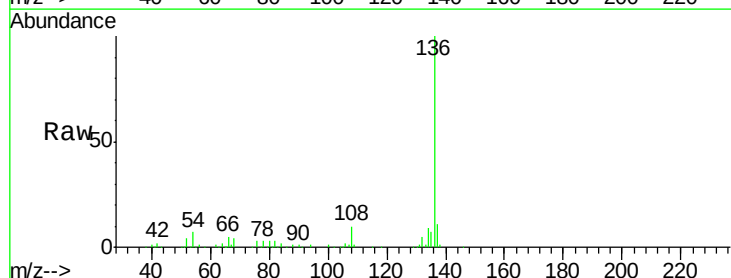
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 6.8 7.8 11.6#

68 3.7 3.4 5.2

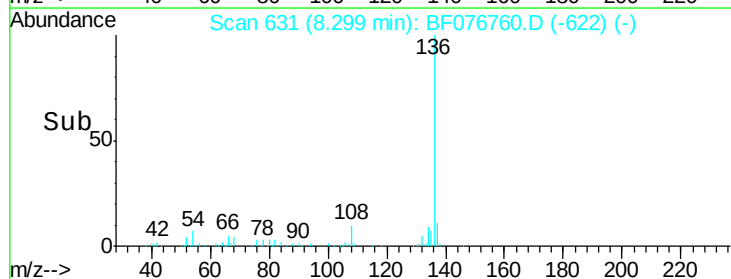
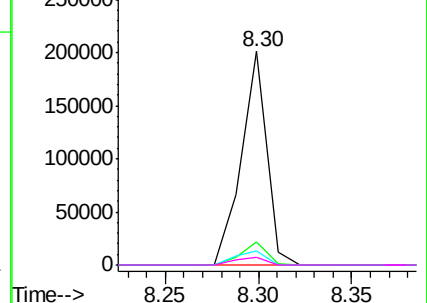


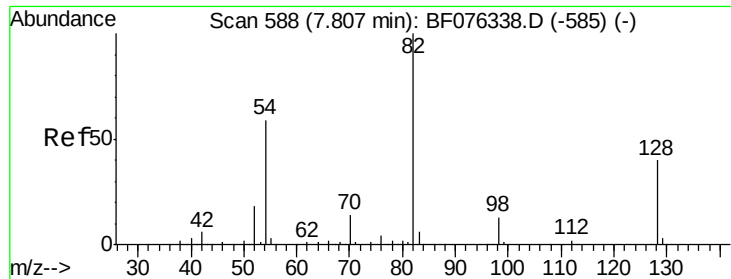
Abundance Ion 136.00 (135.70 to 136.70): E

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

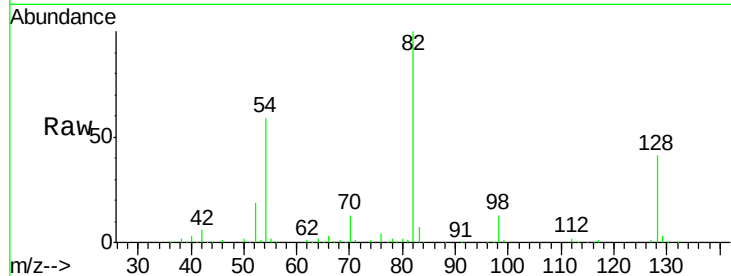




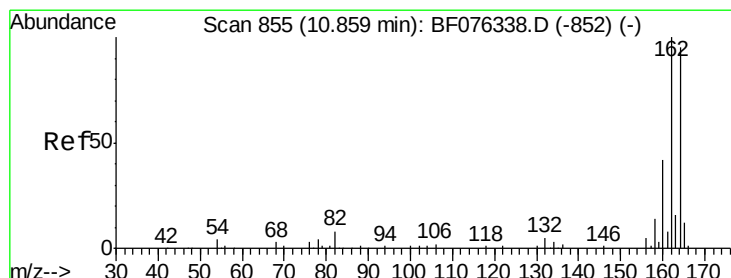
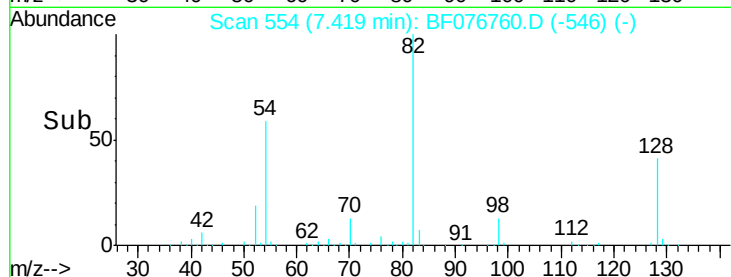
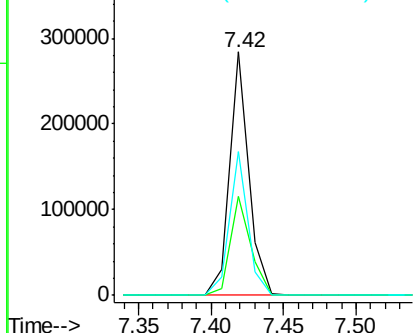
#23
 Nitrobenzene-d5
 Concen: 80.84 ng
 RT: 7.42 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF076760.D
 Acq: 6 Jan 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tot Ion: 82 Resp: 261155
 Ion Ratio Lower Upper
 82 100
 128 40.5 31.9 47.9
 54 58.8 47.2 70.8

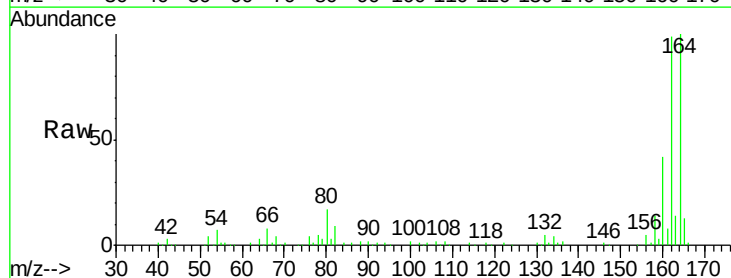


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

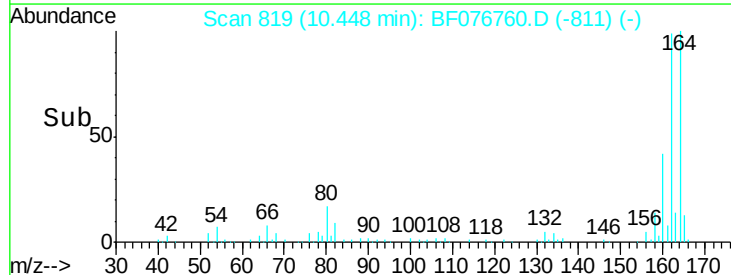
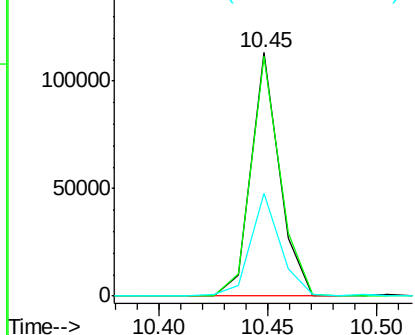


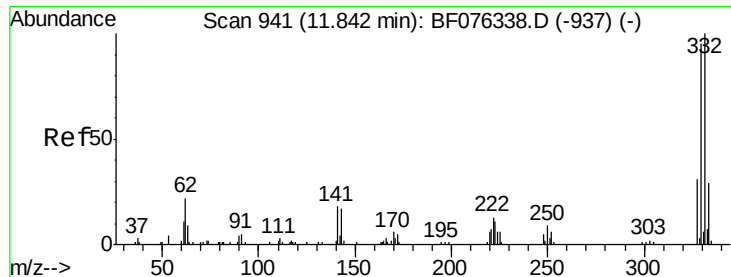
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF076760.D
 Acq: 6 Jan 2015 15:57

Tgt Ion:164 Resp: 103051
 Ion Ratio Lower Upper
 164 100
 162 98.6 84.2 126.2
 160 42.2 35.5 53.3



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: 132.21 ng

RT: 11.42 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF076760.D

Acq: 6 Jan 2015 15:57

Instrument :

BNA_F

ClientSampleId :

MW1

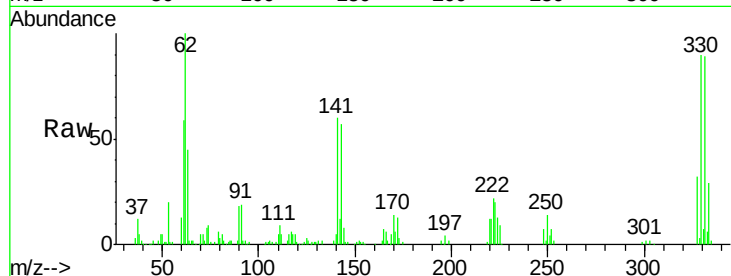
Tot Ion:330 Resp: 115153

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

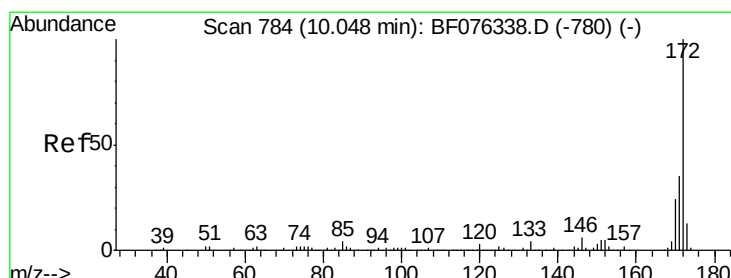
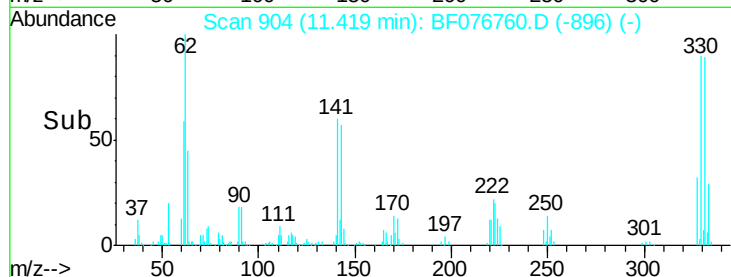
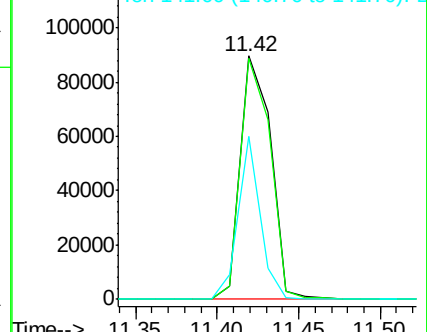
141 48.7 0.0 0.0#



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: 84.31 ng

RT: 9.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF076760.D

Acq: 6 Jan 2015 15:57

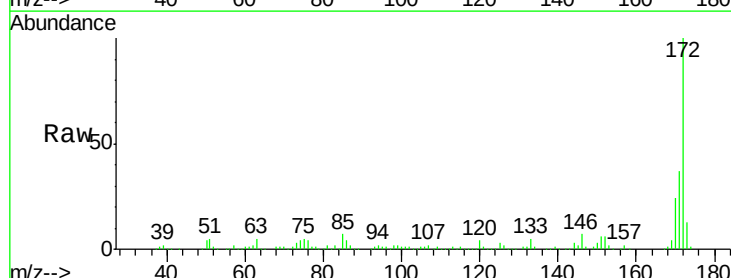
Tgt Ion:172 Resp: 558317

Ion Ratio Lower Upper

172 100

171 36.6 27.8 41.8

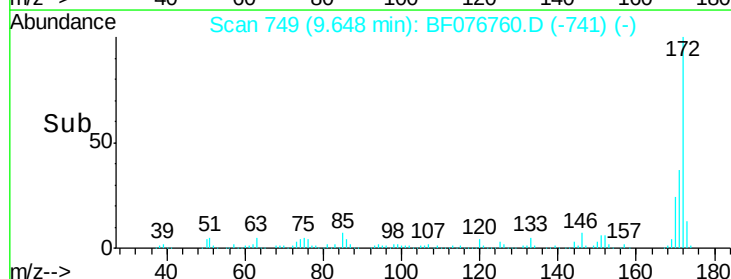
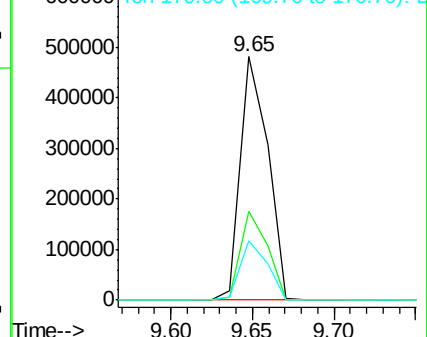
170 24.2 19.0 28.4

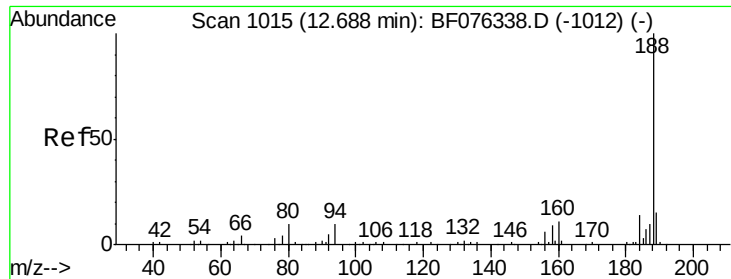


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

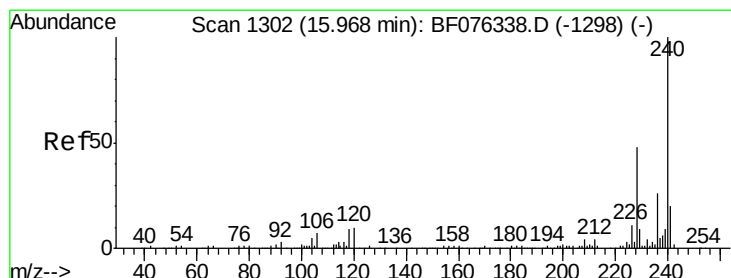
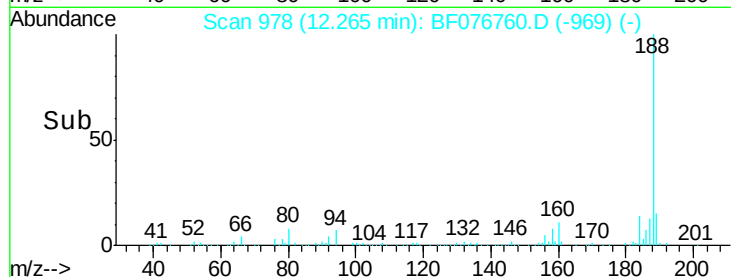
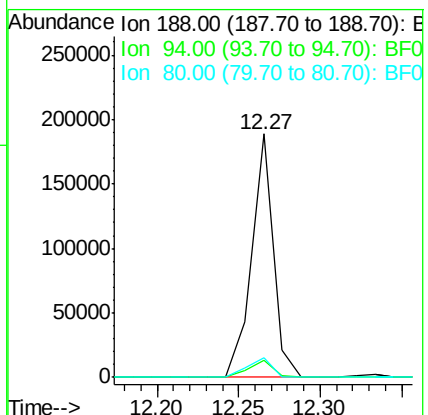
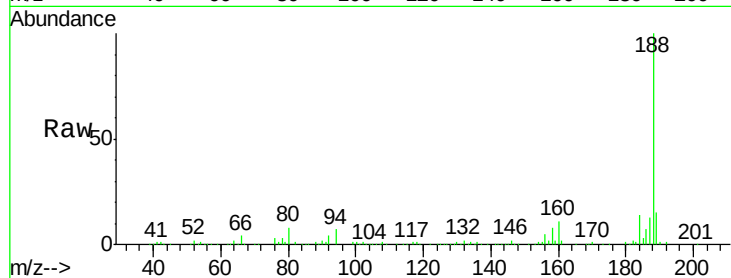




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF076760.D
Acq: 6 Jan 2015 15:57

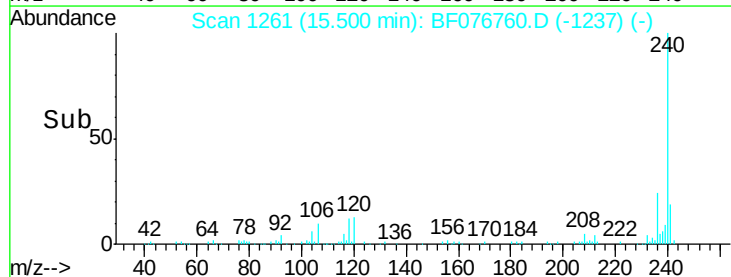
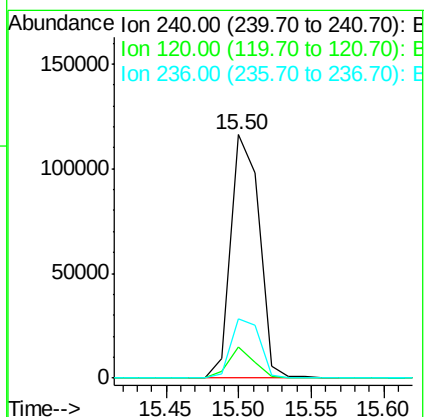
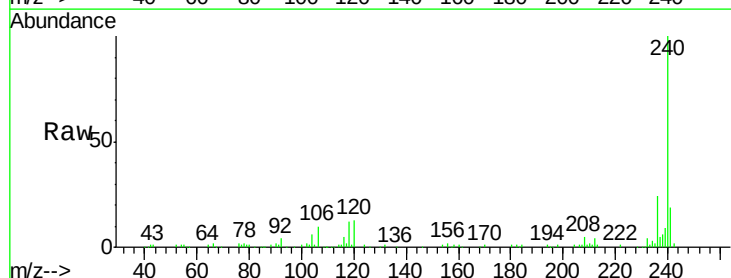
Instrument :
BNA_F
ClientSampleID :
MW1

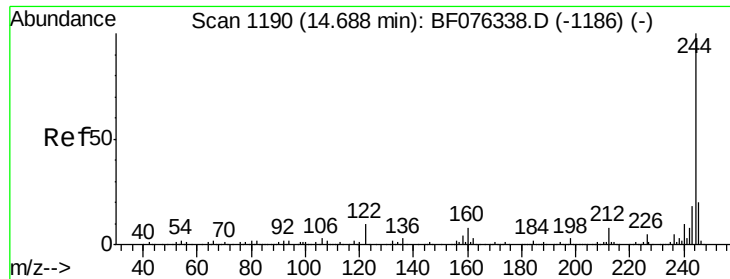
Tot Ion:188 Resp: 174136
Ion Ratio Lower Upper
188 100
94 7.1 7.9 11.9#
80 7.8 8.2 12.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF076760.D
Acq: 6 Jan 2015 15:57

Tgt Ion:240 Resp: 158617
Ion Ratio Lower Upper
240 100
120 12.9 8.0 12.0#
236 24.4 20.6 30.8

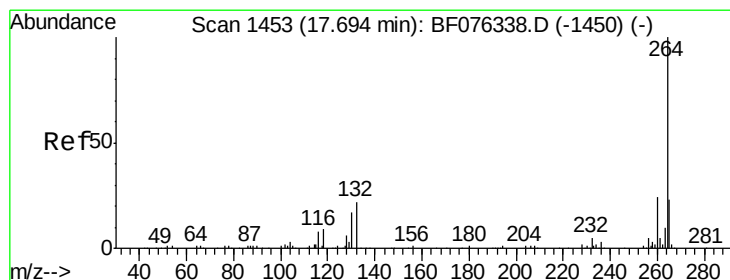
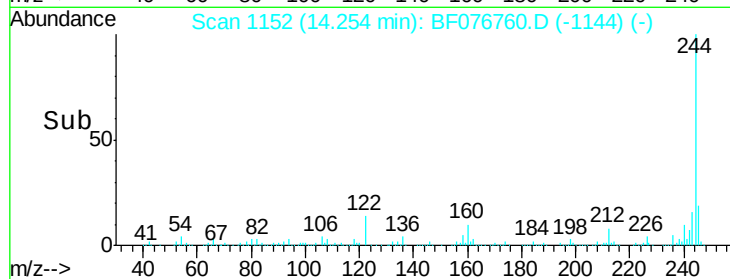
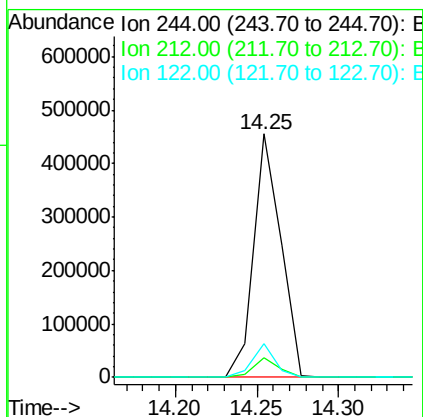
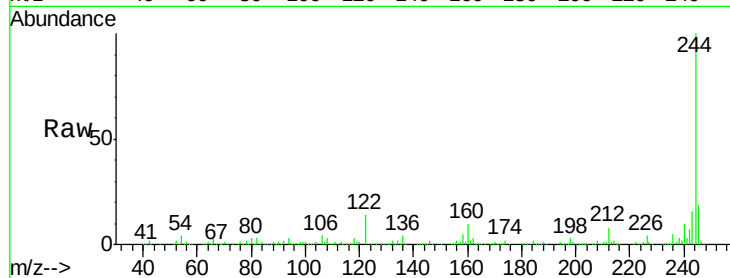




#78
 Terphenyl-d14
 Concen: 73.59 ng
 RT: 14.25 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF076760.D
 Acq: 6 Jan 2015 15:57

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tot Ion:244 Resp: 529205
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.8 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.20 min Scan# 1410
 Delta R.T. -0.05 min
 Lab File: BF076760.D
 Acq: 6 Jan 2015 15:57

Tgt Ion:264 Resp: 146498
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 20.4 18.1 27.1

