

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
 Data File : BF076996.D
 Acq On : 21 Jan 2015 13:59
 Operator : TP/IZ
 Sample : PB81390BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81390BL

Quant Time: Jan 22 00:17:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 14:45:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	29340	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	121479	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	65399	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	102444	20.00	ng	0.00
75) Chrysene-d12	21.20	240	104893	20.00	ng	0.00
86) Perylene-d12	22.93	264	94931	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	228678	128.15	ng	0.00
7) Phenol-d6	7.27	99	283832	126.08	ng	0.00
23) Nitrobenzene-d5	9.16	82	174567	79.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	64849	122.16	ng	-0.01
44) 2-Fluorobiphenyl	13.42	172	353588	82.28	ng	0.00
78) Terphenyl-d14	19.93	244	386027	84.72	ng	0.00

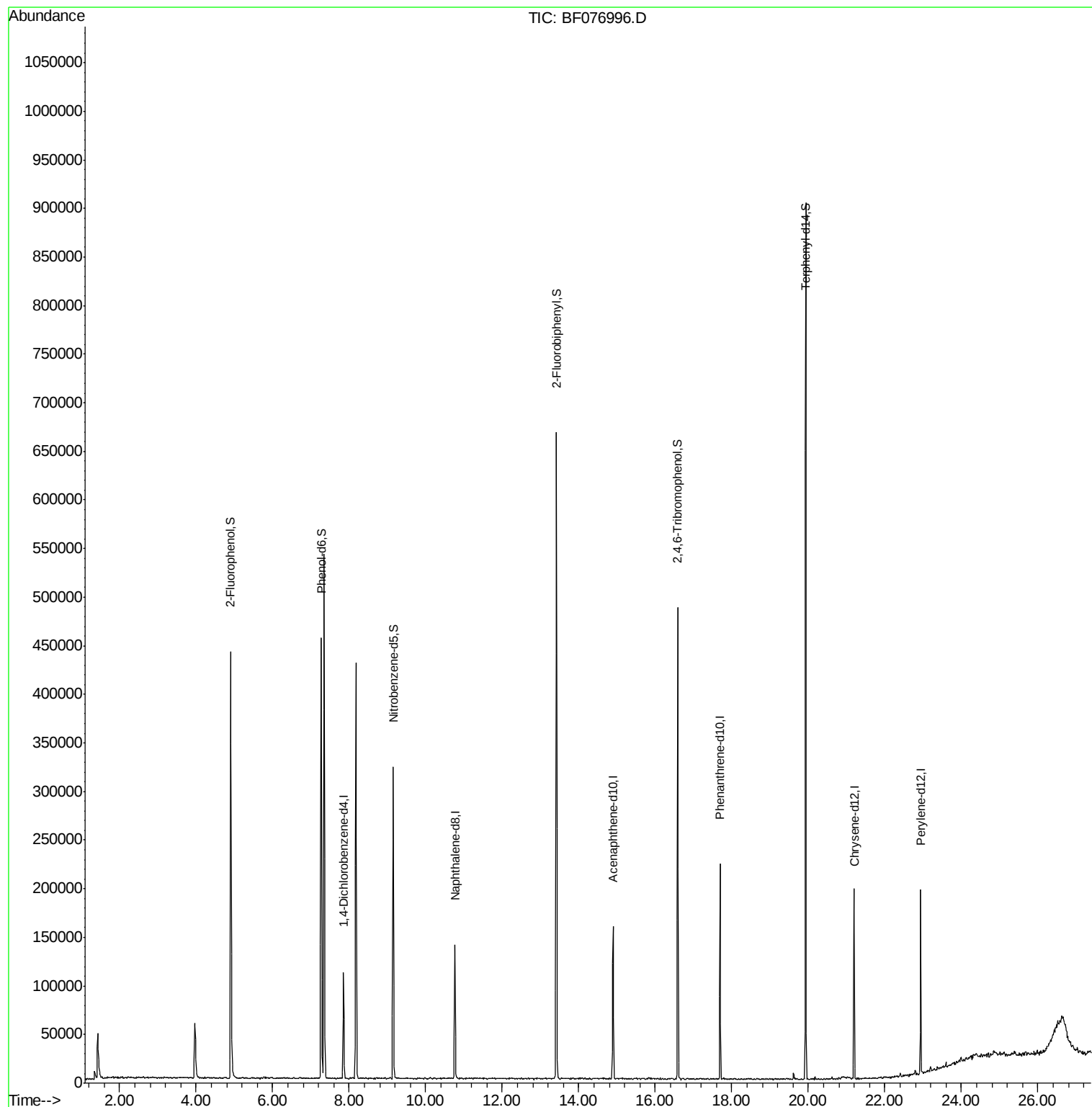
Target Compounds Qvalue

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

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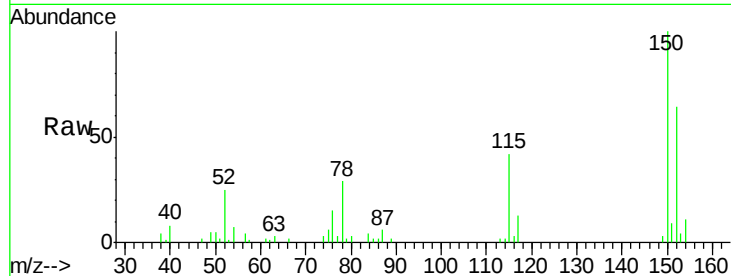


#1

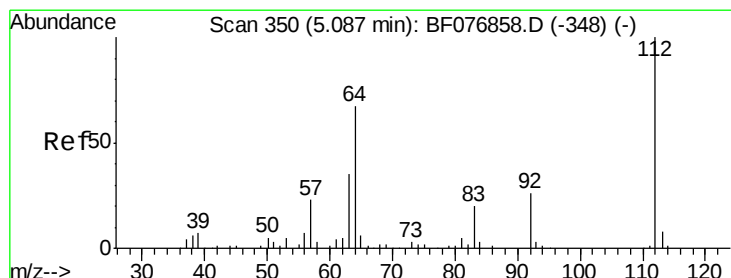
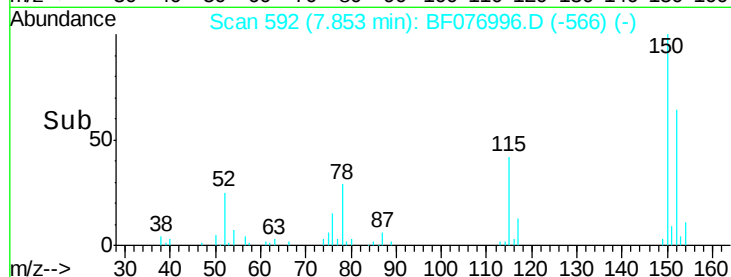
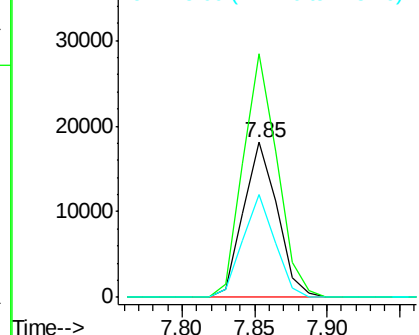
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF076996.D
Acq: 21 Jan 2015 13:59

Instrument :
BNA_F
ClientSampleId :
PB81390BL

Tot Ion:152 Resp: 29340
Ion Ratio Lower Upper
152 100
150 157.1 121.7 182.5
115 66.4 47.0 70.6



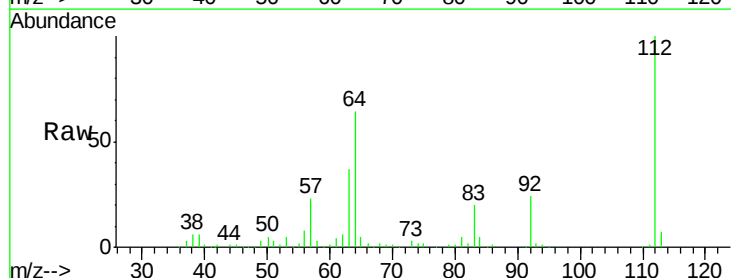
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



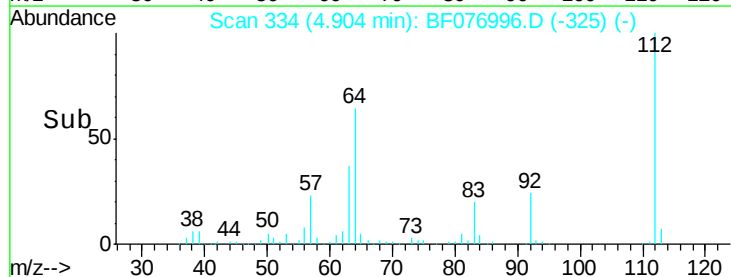
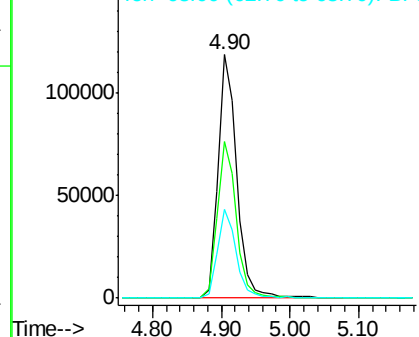
#5

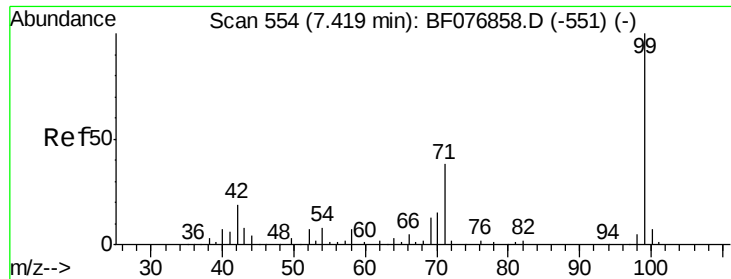
2-Fluorophenol
Concen: 128.15 ng
RT: 4.90 min Scan# 334
Delta R.T. -0.00 min
Lab File: BF076996.D
Acq: 21 Jan 2015 13:59

Tgt Ion:112 Resp: 228678
Ion Ratio Lower Upper
112 100
64 64.2 54.2 81.4
63 36.6 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: 126.08 ng

RT: 7.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF076996.D

Acq: 21 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB81390BL

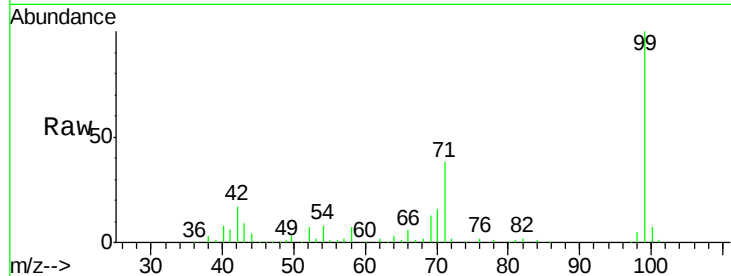
Tot Ion: 99 Resp: 283832

Ion Ratio Lower Upper

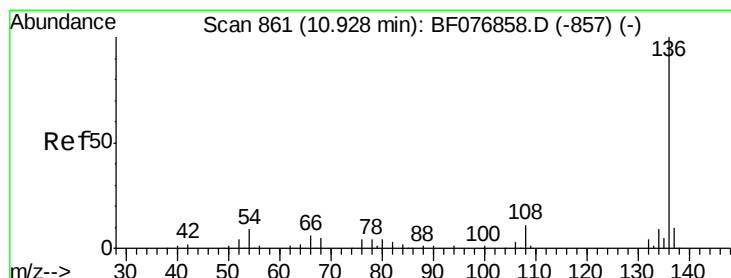
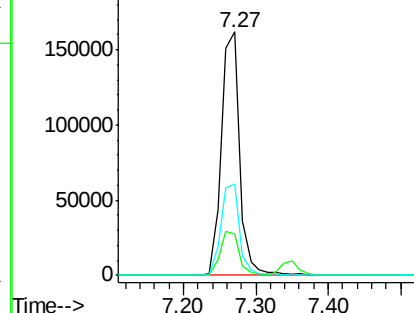
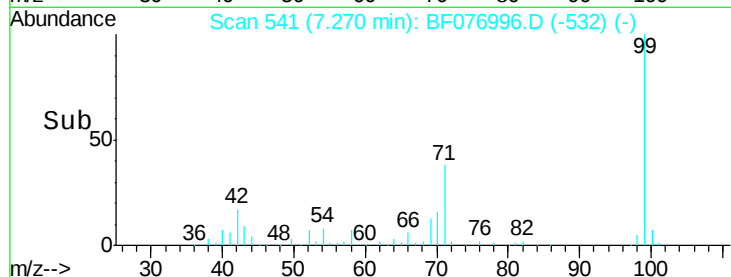
99 100

42 17.1 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: 10.77 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF076996.D

Acq: 21 Jan 2015 13:59

Tgt Ion: 136 Resp: 121479

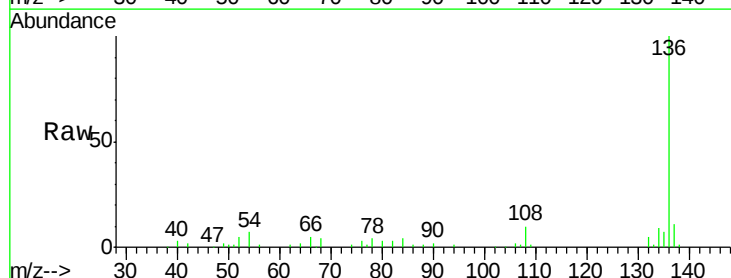
Ion Ratio Lower Upper

136 100

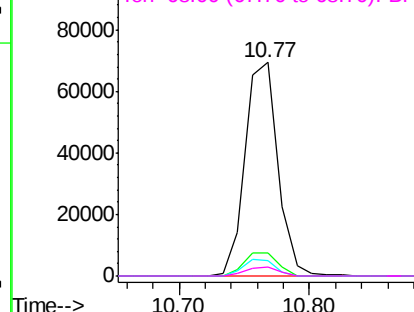
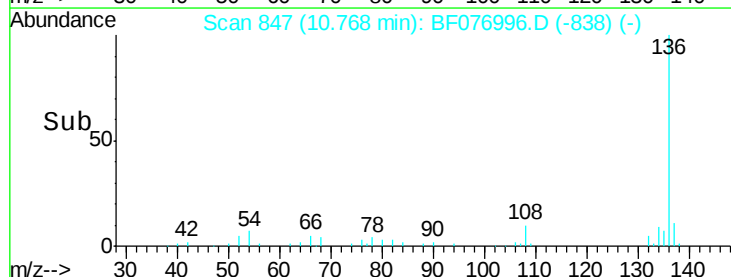
137 10.8 8.1 12.1

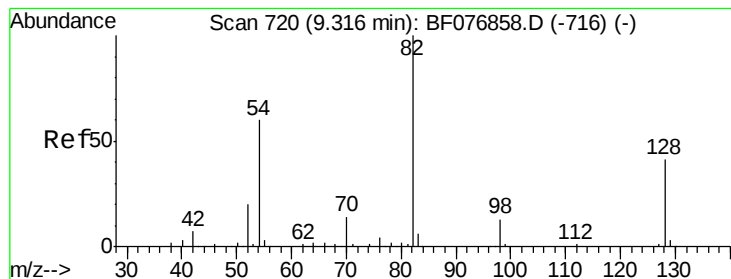
54 7.5 7.0 10.4

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: 79.61 ng

RT: 9.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF076996.D

Acq: 21 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB81390BL

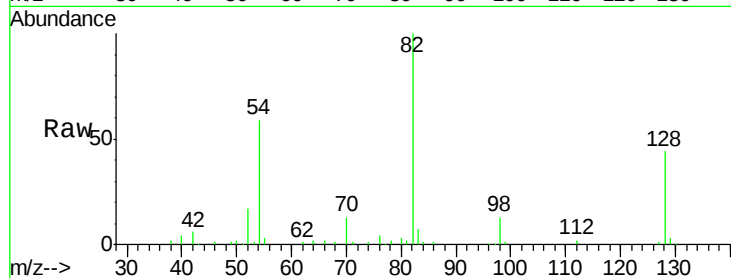
Tot Ion: 82 Resp: 174567

Ion Ratio Lower Upper

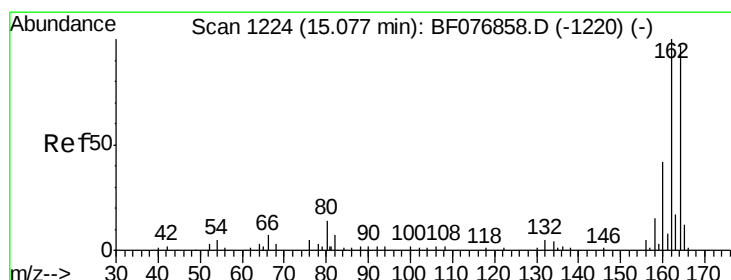
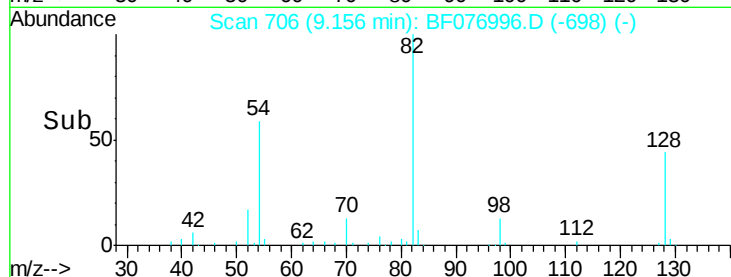
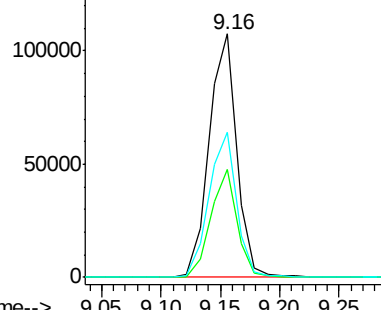
82 100

128 44.2 33.1 49.7

54 59.4 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: 14.89 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF076996.D

Acq: 21 Jan 2015 13:59

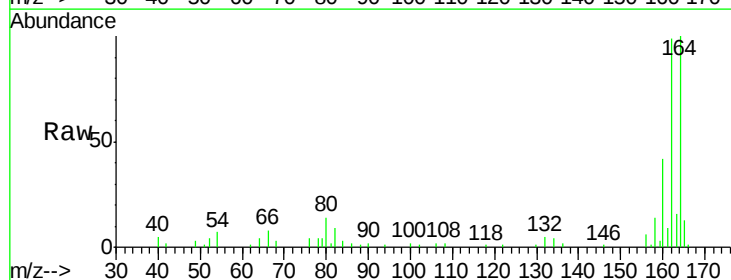
Tgt Ion:164 Resp: 65399

Ion Ratio Lower Upper

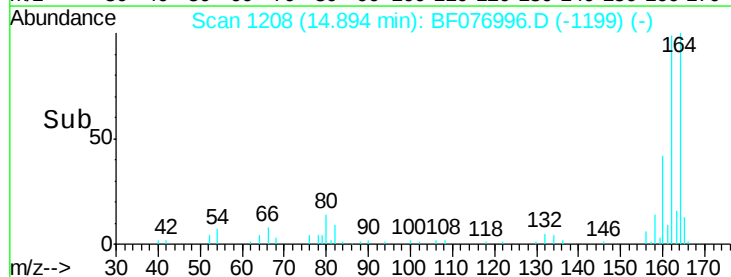
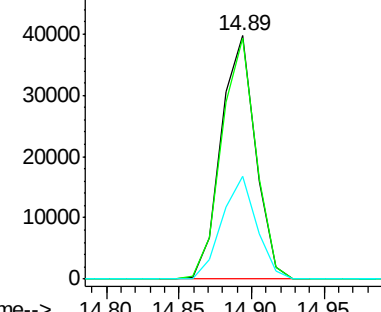
164 100

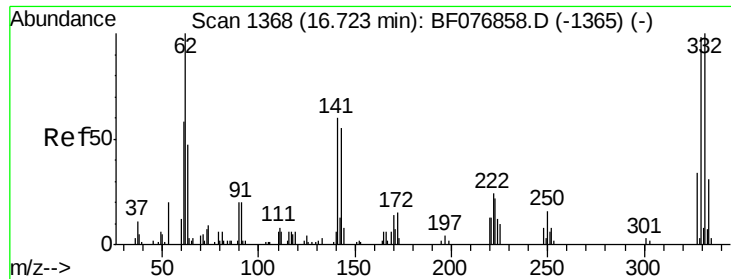
162 98.8 82.4 123.6

160 42.3 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

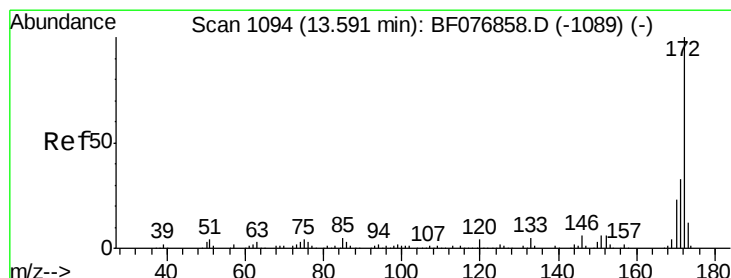
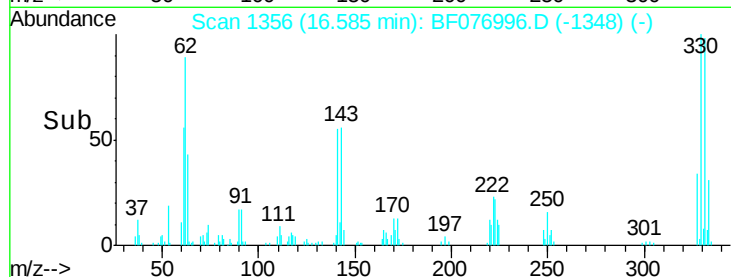
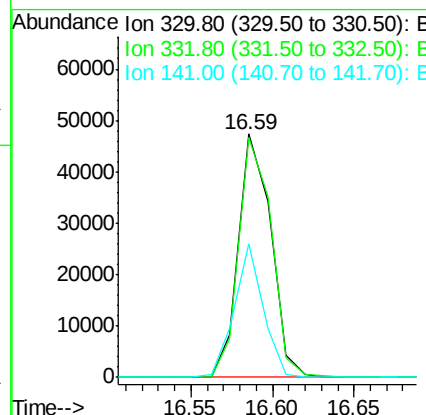
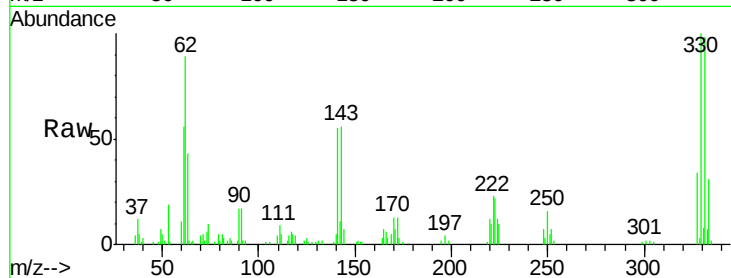




#41
 2,4,6-Tribromophenol
 Concen: 122.16 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF076996.D
 Acq: 21 Jan 2015 13:59

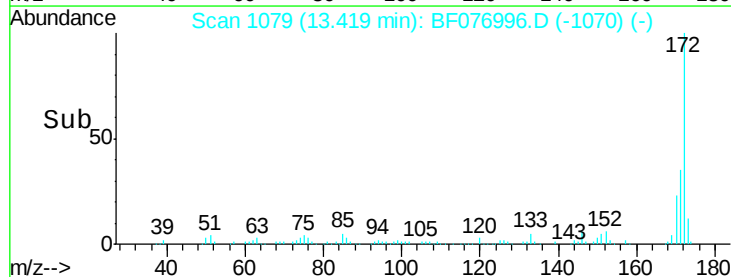
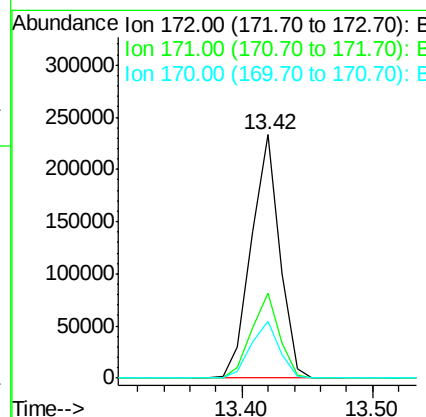
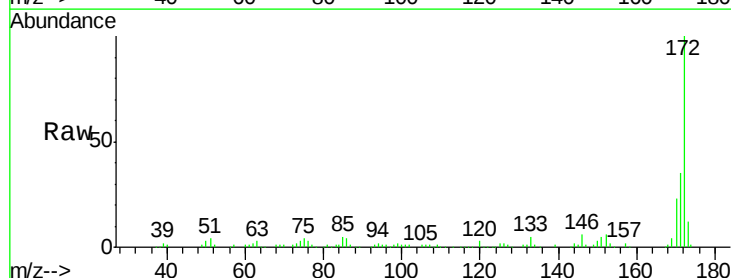
Instrument :
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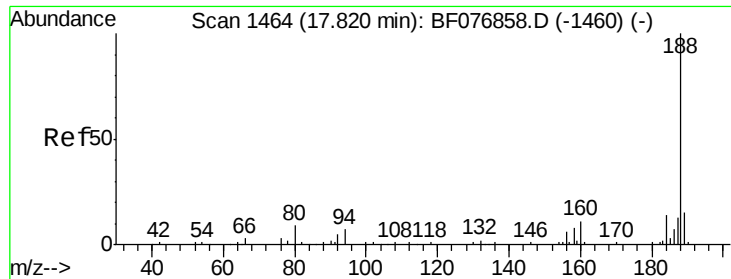
Tot Ion:330 Resp: 64849
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.8 116.6
 141 48.9 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 82.28 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF076996.D
 Acq: 21 Jan 2015 13:59

Tgt Ion:172 Resp: 353588
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 23.4 18.0 27.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.69 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF076996.D

Acq: 21 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

PB81390BL

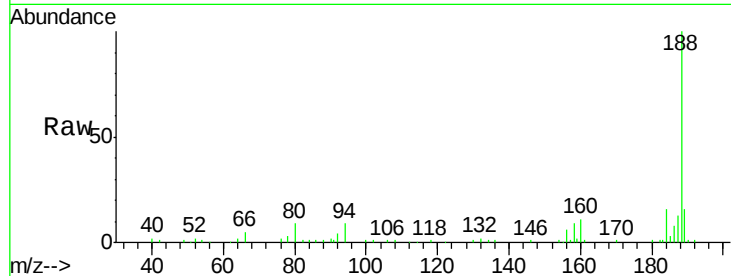
Tot Ion:188 Resp: 102444

Ion Ratio Lower Upper

188 100

94 8.7 6.0 9.0

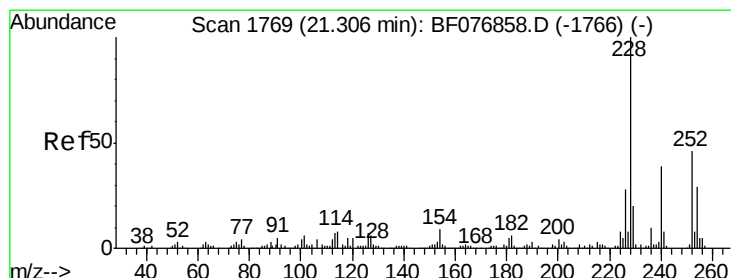
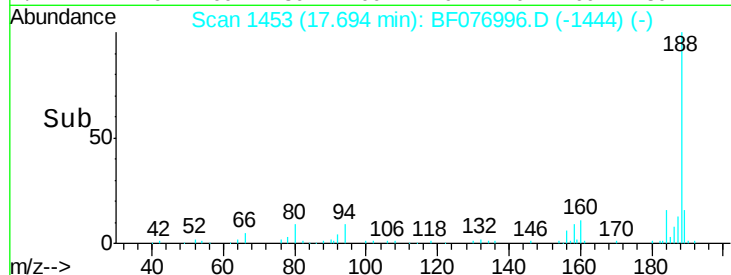
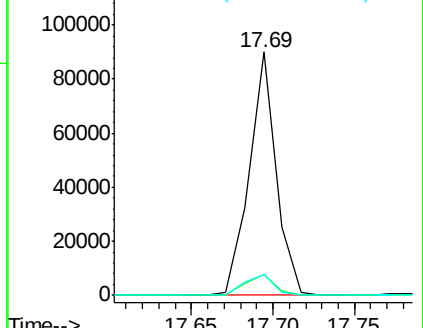
80 8.8 6.9 10.3



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: 21.20 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF076996.D

Acq: 21 Jan 2015 13:59

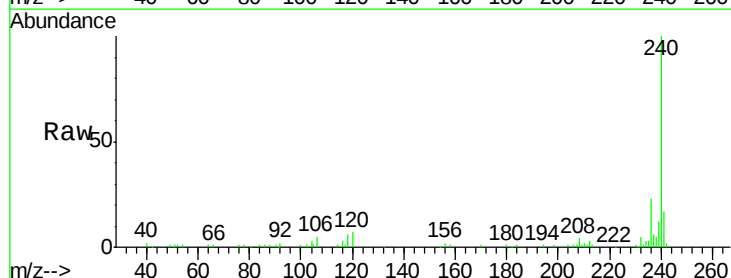
Tgt Ion:240 Resp: 104893

Ion Ratio Lower Upper

240 100

120 7.4 10.4 15.6#

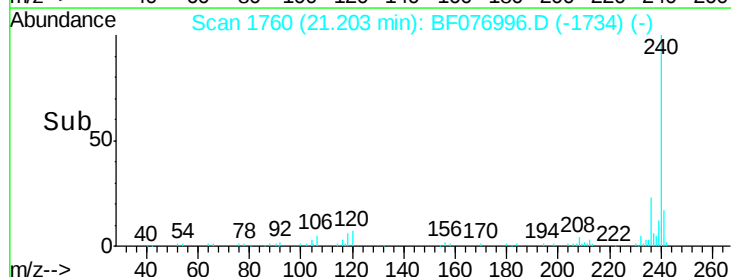
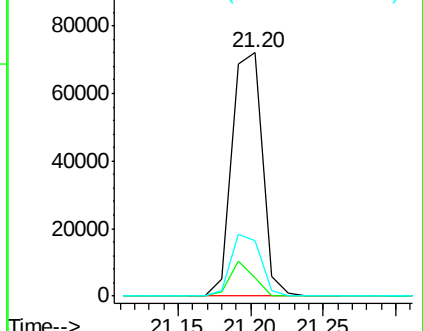
236 22.7 20.2 30.2

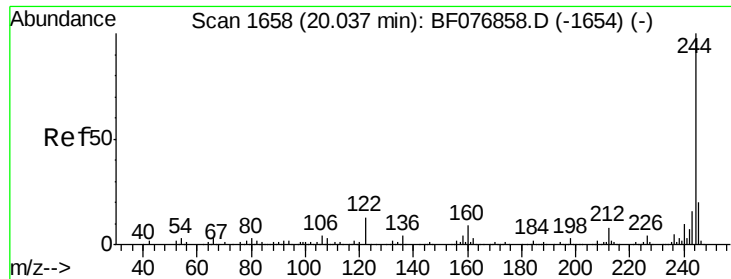


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

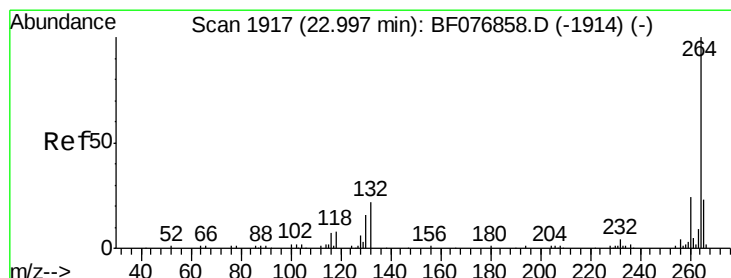
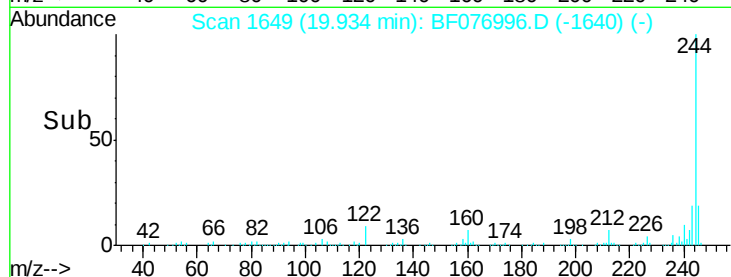
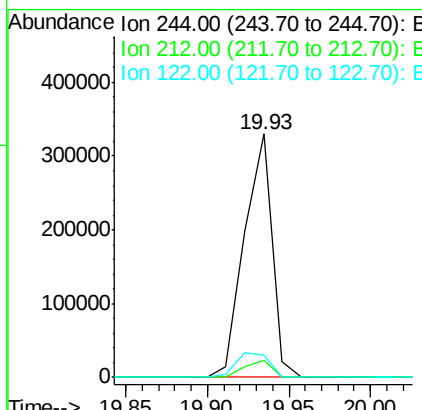
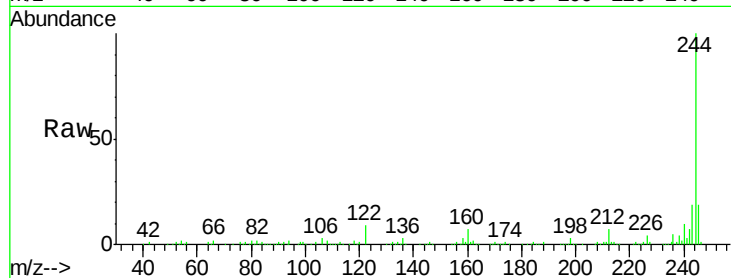




#78
 Terphenyl-d14
 Concen: 84.72 ng
 RT: 19.93 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BF076996.D
 Acq: 21 Jan 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81390BL

Tot Ion:244 Resp: 386027
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 8.9 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.93 min Scan# 1911
 Delta R.T. 0.07 min
 Lab File: BF076996.D
 Acq: 21 Jan 2015 13:59

Tgt Ion:264 Resp: 94931
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.0 28.4
 265 20.4 18.1 27.1

