

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076969.D
 Acq On : 20 Jan 2015 19:03
 Operator : IZ / TP
 Sample : G1110-06
 Misc : W
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Quant Time: Jan 21 01:03:00 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 00:34:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	28575	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	127849	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	68308	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	118422	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	115937	20.00	ng	-0.01
86) Perylene-d12	22.89	264	96979	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	105925	60.95	ng	0.00
7) Phenol-d6	7.30	99	75587	34.48	ng	-0.01
23) Nitrobenzene-d5	9.20	82	214858	93.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	82821	149.37	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	435707	97.07	ng	0.00
78) Terphenyl-d14	19.97	244	434501	86.28	ng	0.00

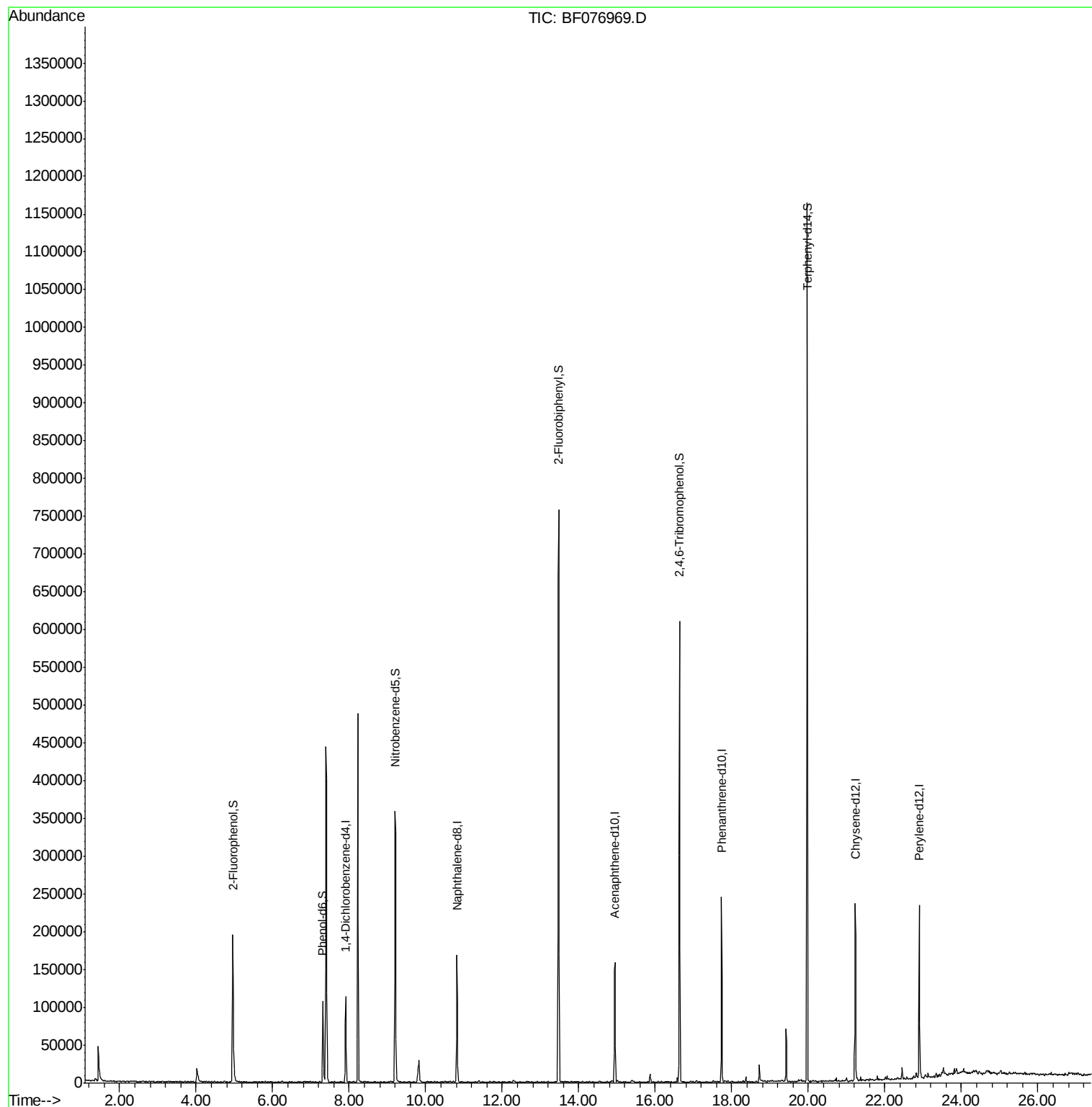
Target Compounds Qvalue

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

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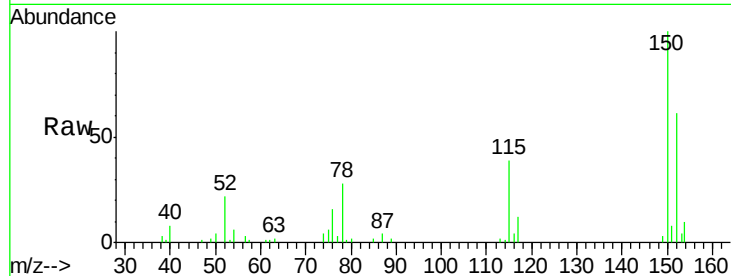


#1

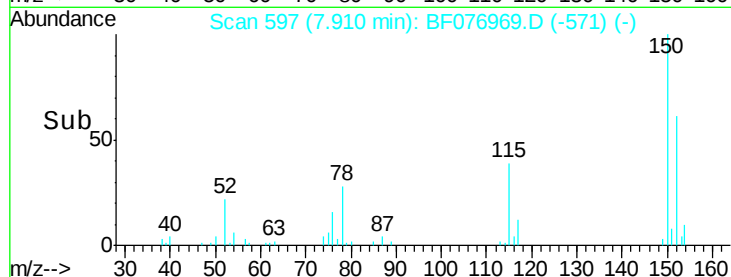
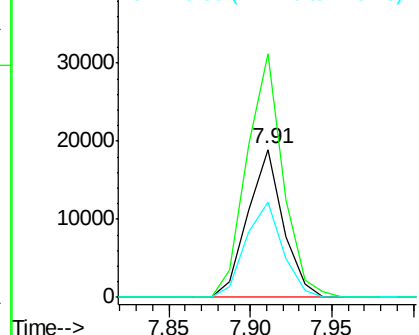
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF076969.D
Acq: 20 Jan 2015 19:03

Instrument :
BNA_F
ClientSampleId :
MW-48

Tot Ion:152 Resp: 28575
Ion Ratio Lower Upper
152 100
150 164.9 121.7 182.5
115 64.0 47.0 70.6



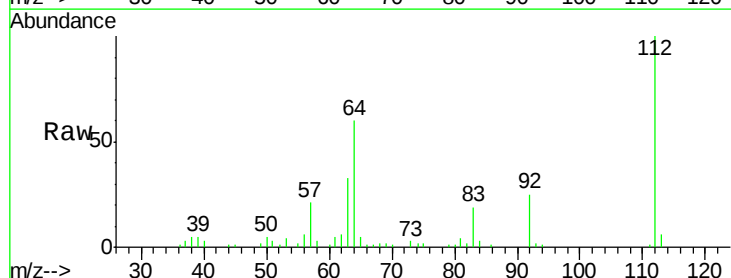
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



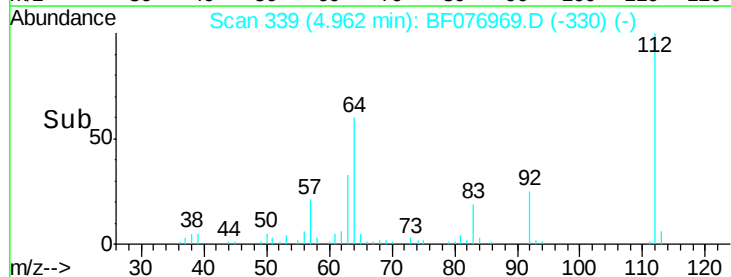
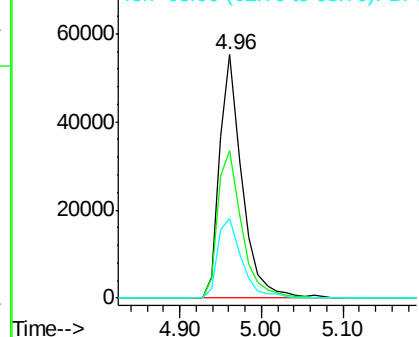
#5

2-Fluorophenol
Concen: 60.95 ng
RT: 4.96 min Scan# 339
Delta R.T. 0.00 min
Lab File: BF076969.D
Acq: 20 Jan 2015 19:03

Tgt Ion:112 Resp: 105925
Ion Ratio Lower Upper
112 100
64 60.5 54.2 81.4
63 33.0 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: 34.48 ng

RT: 7.30 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF076969.D

Acq: 20 Jan 2015 19:03

Instrument :

BNA_F

ClientSampled :

MW-48

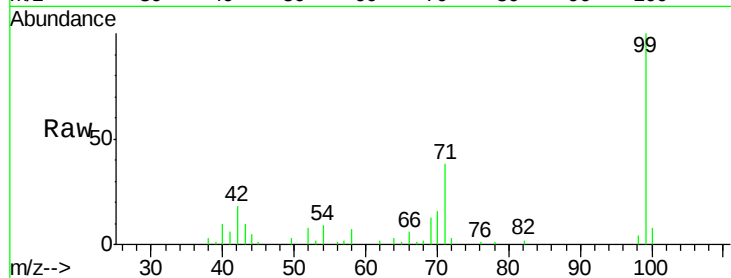
Tot Ion: 99 Resp: 75587

Ion Ratio Lower Upper

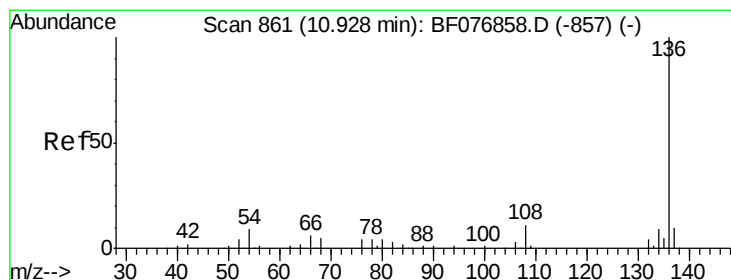
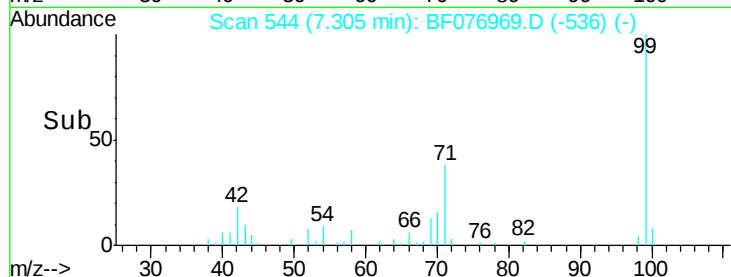
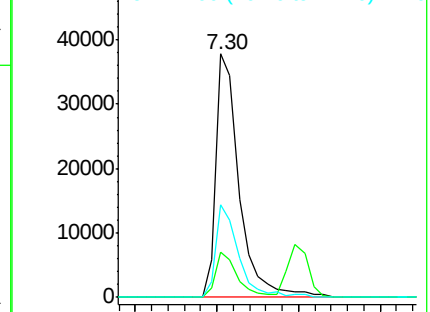
99 100

42 18.4 15.0 22.4

71 38.3 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: 10.81 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF076969.D

Acq: 20 Jan 2015 19:03

Tgt Ion: 136 Resp: 127849

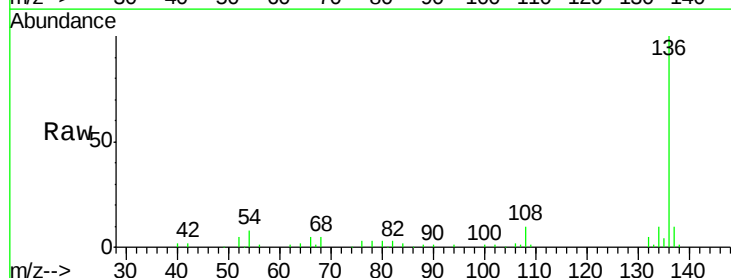
Ion Ratio Lower Upper

136 100

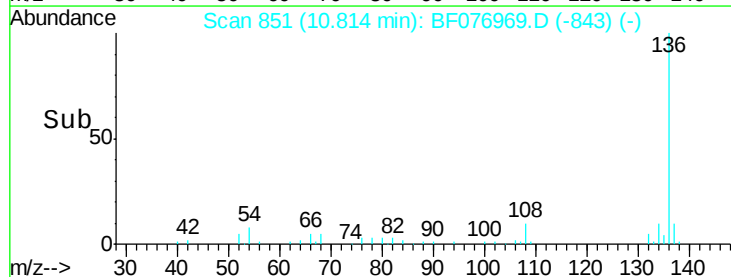
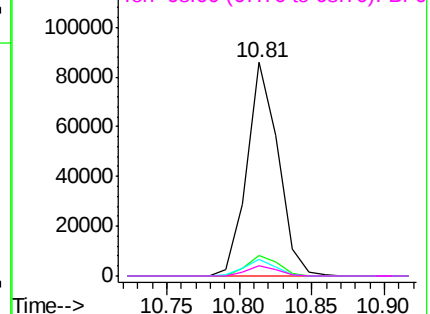
137 9.7 8.1 12.1

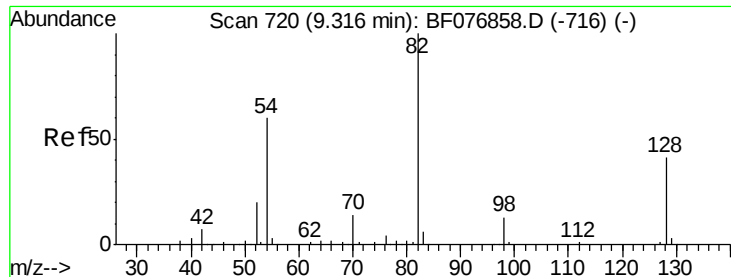
54 8.0 7.0 10.4

68 4.6 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

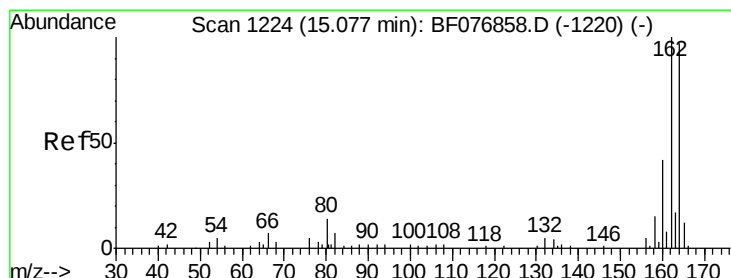
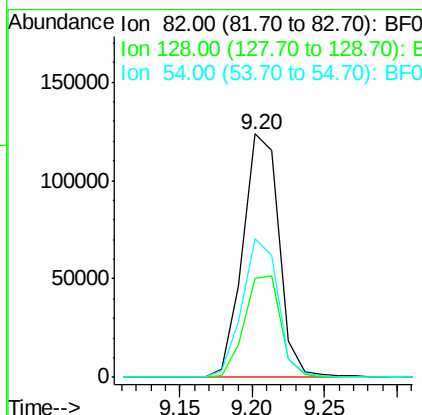
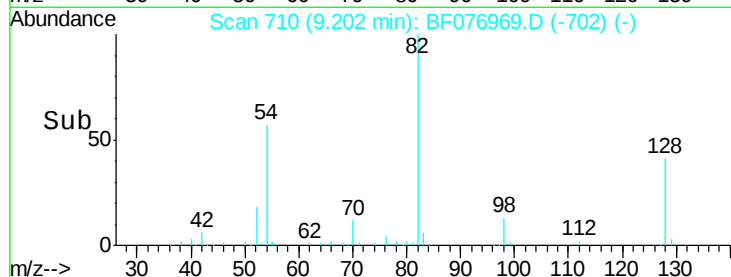
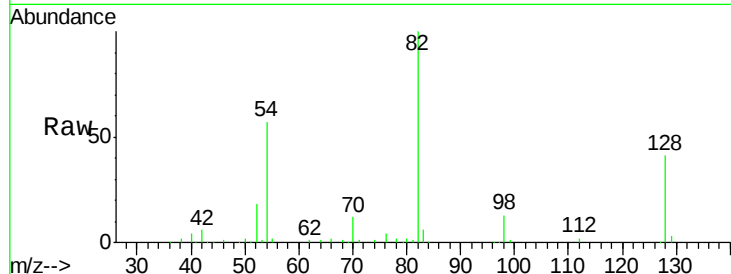




#23
Nitrobenzene-d5
Concen: 93.11 ng
RT: 9.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF076969.D
Acq: 20 Jan 2015 19:03

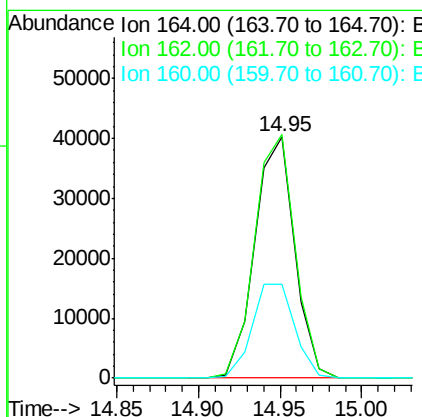
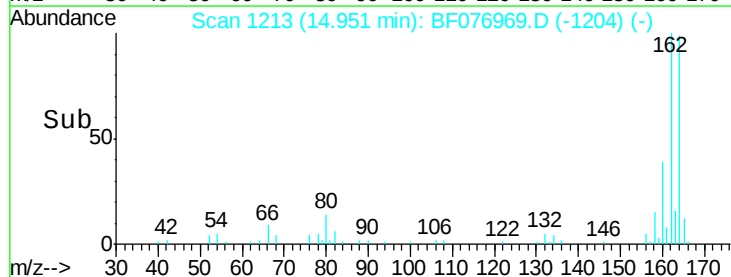
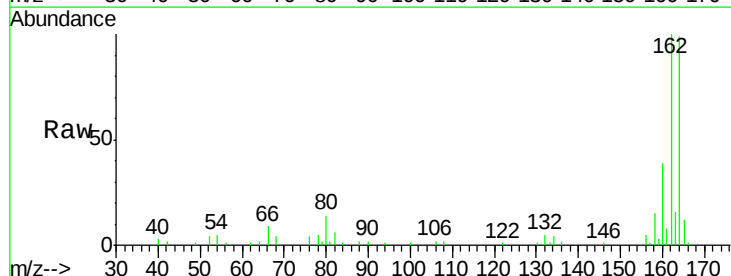
Instrument :
BNA_F
ClientSampleId :
MW-48

Tot Ion: 82 Resp: 214858
Ion Ratio Lower Upper
82 100
128 40.5 33.1 49.7
54 56.8 48.3 72.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF076969.D
Acq: 20 Jan 2015 19:03

Tgt Ion:164 Resp: 68308
Ion Ratio Lower Upper
164 100
162 101.0 82.4 123.6
160 39.1 34.8 52.2

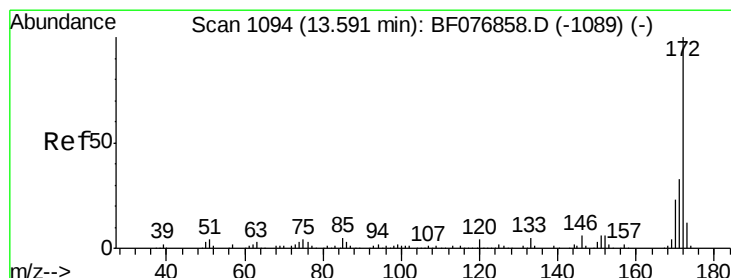
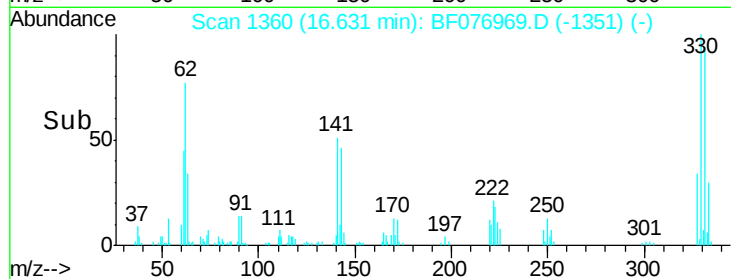
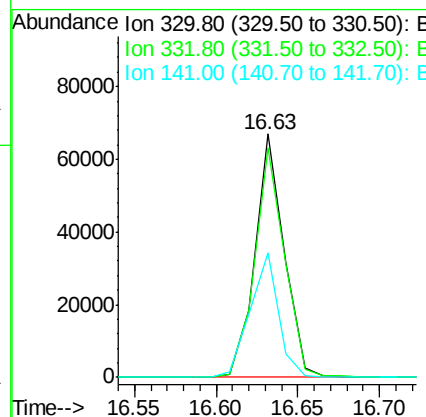
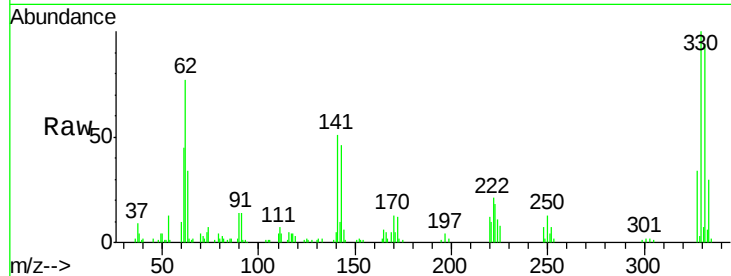




#41
 2,4,6-Tribromophenol
 Concen: 149.37 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF076969.D
 Acq: 20 Jan 2015 19:03

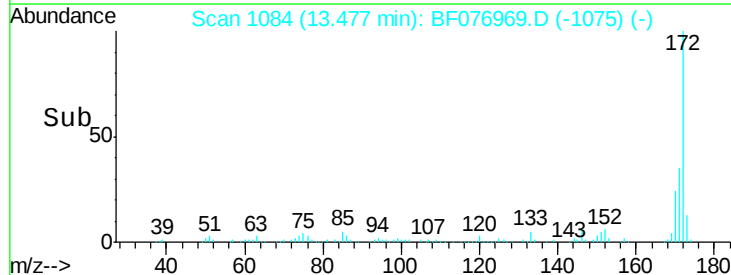
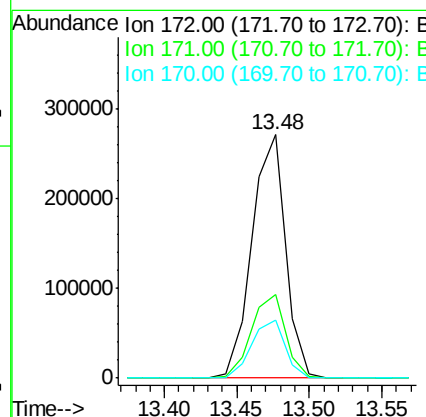
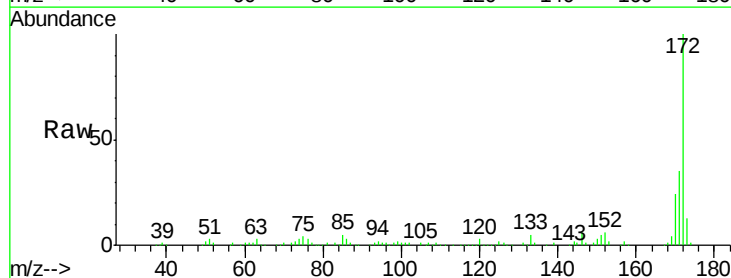
Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Tot Ion:330 Resp: 82821
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.8 116.6
 141 49.9 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 97.07 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF076969.D
 Acq: 20 Jan 2015 19:03

Tgt Ion:172 Resp: 435707
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 23.6 18.0 27.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.73 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF076969.D

Acq: 20 Jan 2015 19:03

Instrument :

BNA_F

ClientSampleId :

MW-48

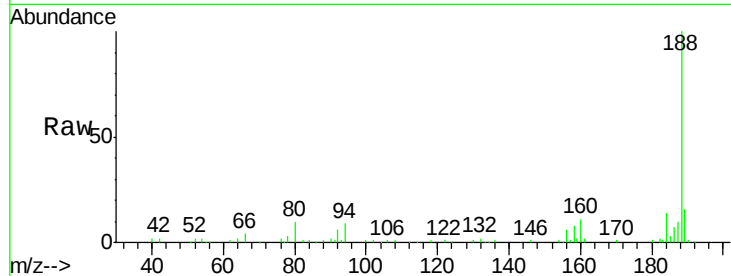
Tot Ion:188 Resp: 118422

Ion Ratio Lower Upper

188 100

94 9.1 6.0 9.0#

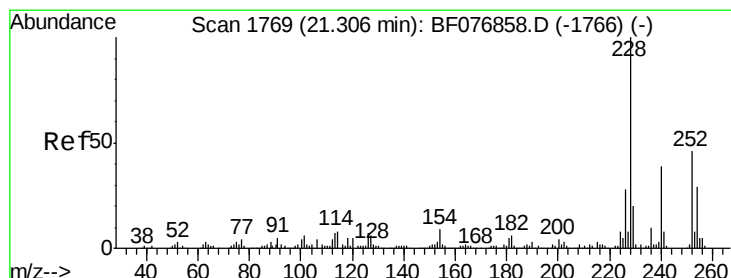
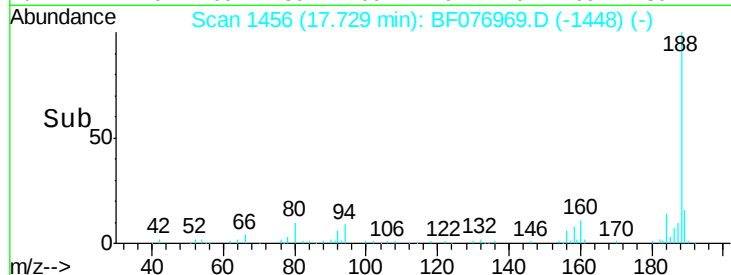
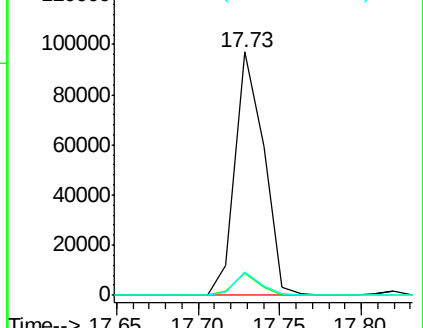
80 9.9 6.9 10.3



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: 21.23 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF076969.D

Acq: 20 Jan 2015 19:03

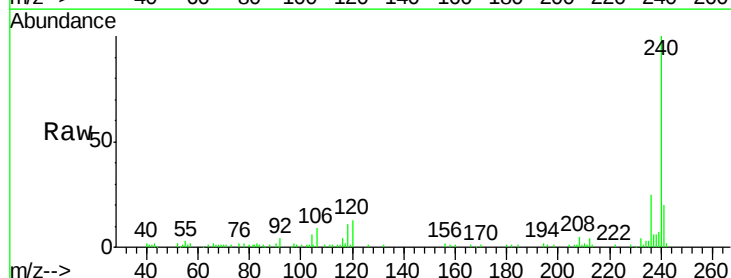
Tgt Ion:240 Resp: 115937

Ion Ratio Lower Upper

240 100

120 13.3 10.4 15.6

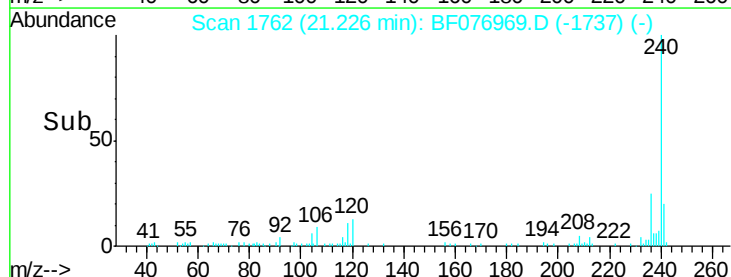
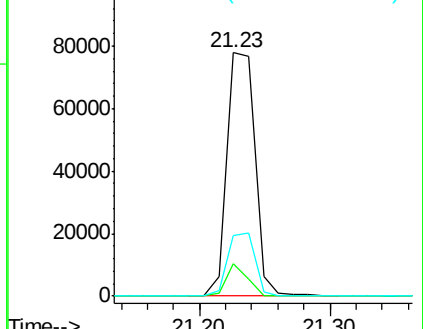
236 25.1 20.2 30.2



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

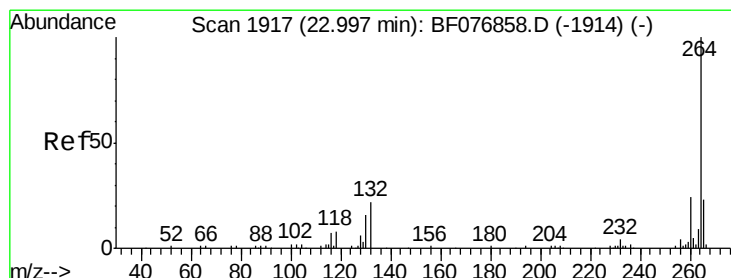
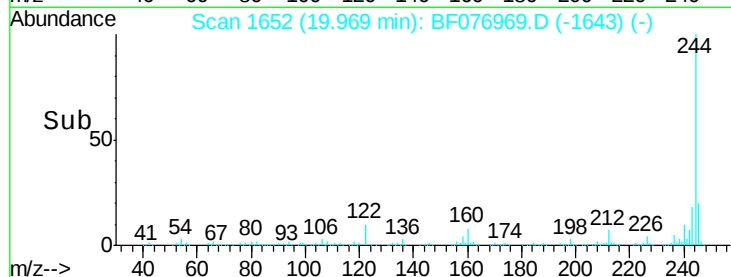
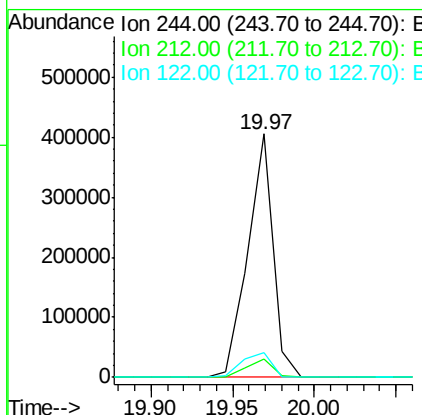
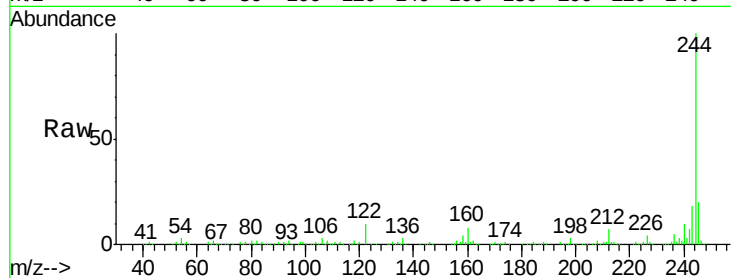




#78
 Terphenyl-d14
 Concen: 86.28 ng
 RT: 19.97 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF076969.D
 Acq: 20 Jan 2015 19:03

Instrument :
 BNA_F
 ClientSampled :
 MW-48

Tot Ion:244 Resp: 434501
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 10.3 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.89 min Scan# 1908
 Delta R.T. -0.03 min
 Lab File: BF076969.D
 Acq: 20 Jan 2015 19:03

Tgt Ion:264 Resp: 96979
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.9 18.1 27.1

