

Data Path : Z:\HPCHEM1\BNA F\Data\BF011615\
 Data File : BF076920.D
 Acq On : 16 Jan 2015 21:56
 Operator : IZ / TP
 Sample : G1080-02
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 16 21:57:04 2015
 Response via : Initial Calibration

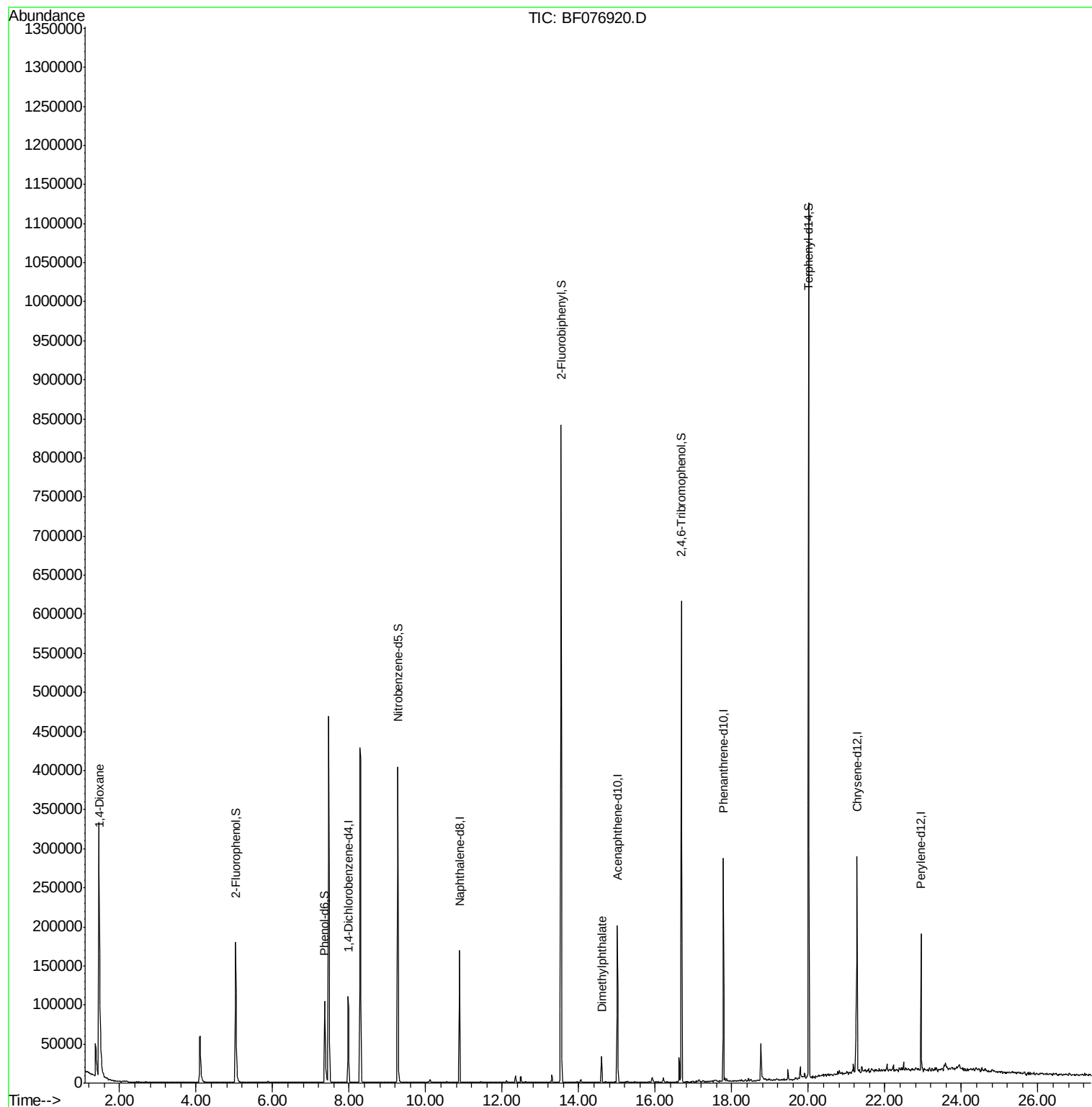
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	30283	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	129769	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	73784	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	122870	20.00	ng	0.00
75) Chrysene-d12	21.27	240	112084	20.00	ng	0.00
86) Perylene-d12	22.94	264	93413	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	93332	50.67	ng	-0.01
7) Phenol-d6	7.36	99	69211	29.79	ng	-0.01
23) Nitrobenzene-d5	9.27	82	209841	89.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	83134	138.81	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	433289	89.37	ng	0.00
78) Terphenyl-d14	20.00	244	391805	80.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.46	88	16794	21.29	ng	# 12
49) Dimethylphthalate	14.60	163	25576	4.89	ng	# 94

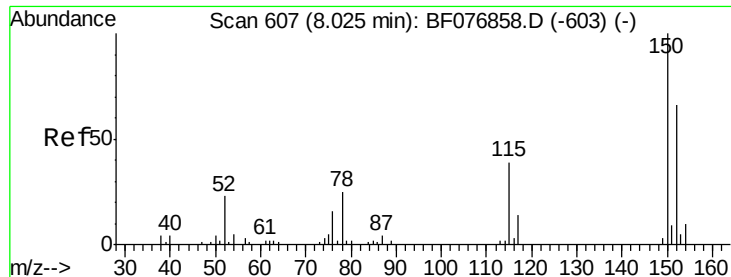
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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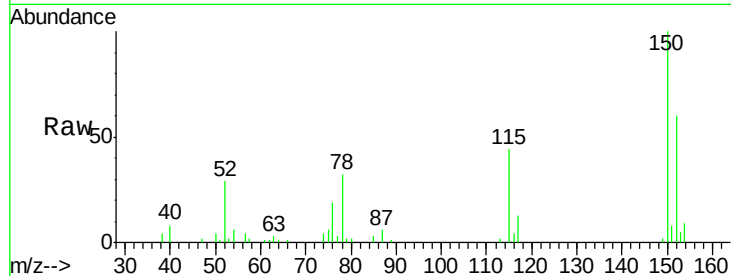


#1

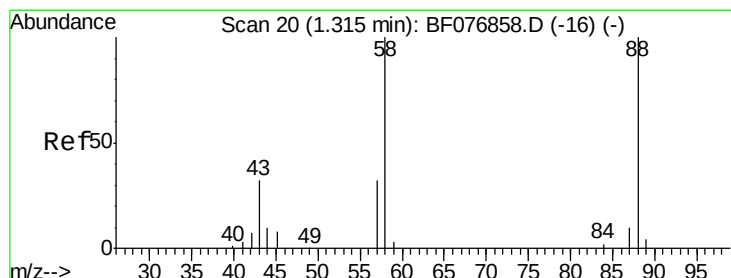
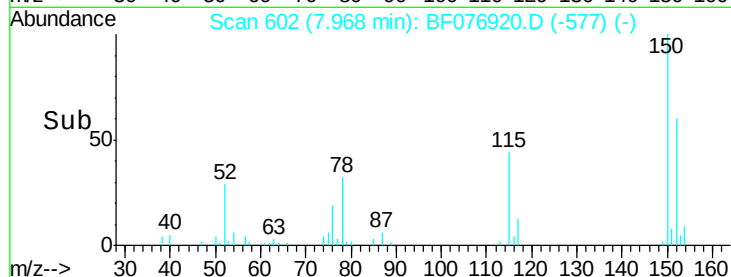
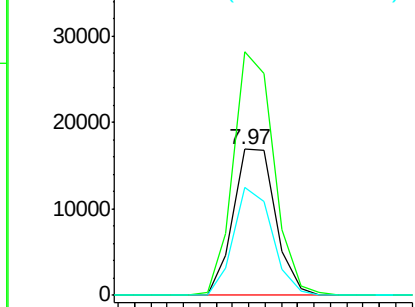
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076920.D
Acq: 16 Jan 2015 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30283
Ion Ratio Lower Upper
152 100
150 166.5 121.7 182.5
115 73.6 47.0 70.6#



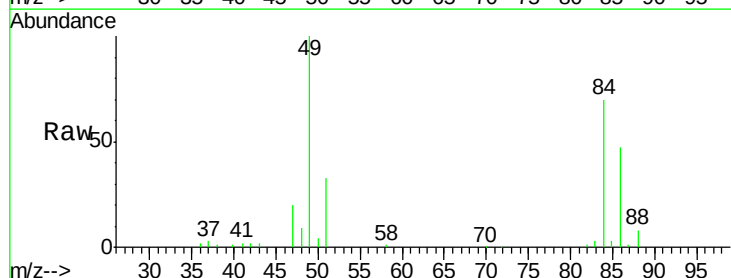
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



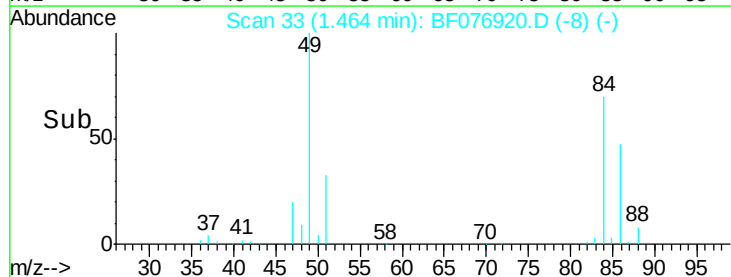
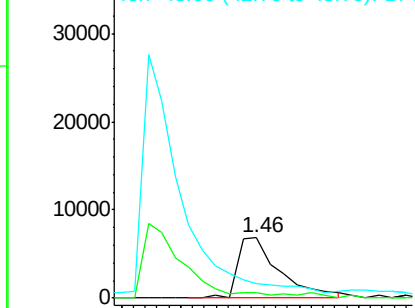
#2

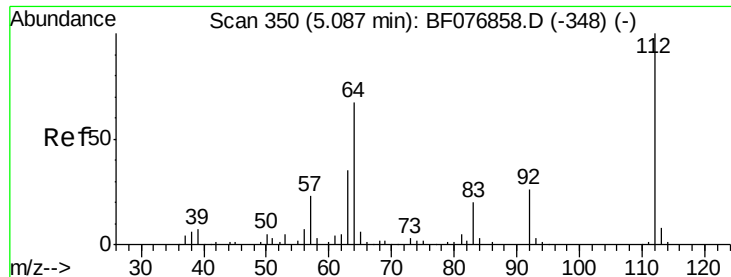
1,4-Dioxane
Concen: 21.29 ng
RT: 1.46 min Scan# 33
Delta R.T. 0.18 min
Lab File: BF076920.D
Acq: 16 Jan 2015 21:56

Tgt Ion: 88 Resp: 16794
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 50.67 ng

RT: 5.03 min Scan# 345

Delta R.T. -0.01 min

Lab File: BF076920.D

Acq: 16 Jan 2015 21:56

Instrument :

BNA_F

ClientSampled :

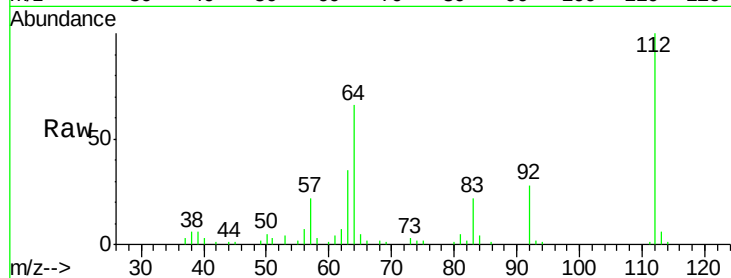
Tot Ion: 112 Resp: 93332

Ion Ratio Lower Upper

112 100

64 66.3 54.2 81.4

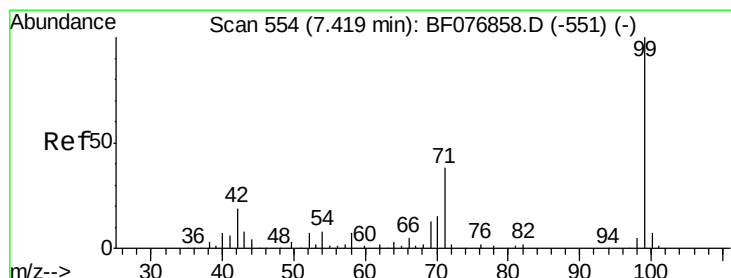
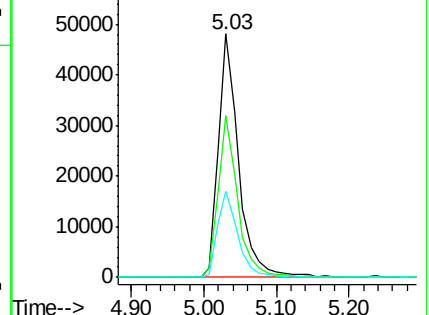
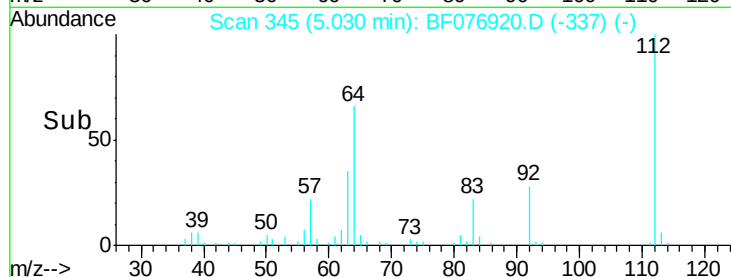
63 35.4 28.4 42.6



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: 29.79 ng

RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076920.D

Acq: 16 Jan 2015 21:56

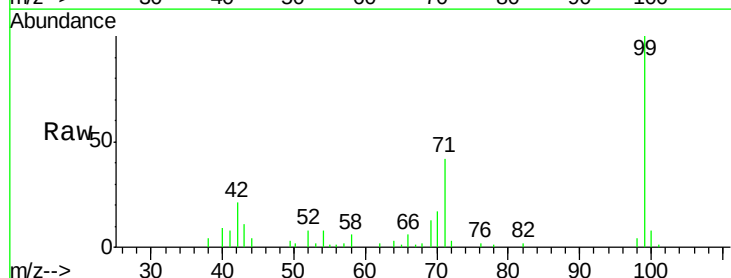
Tgt Ion: 99 Resp: 69211

Ion Ratio Lower Upper

99 100

42 21.0 15.0 22.4

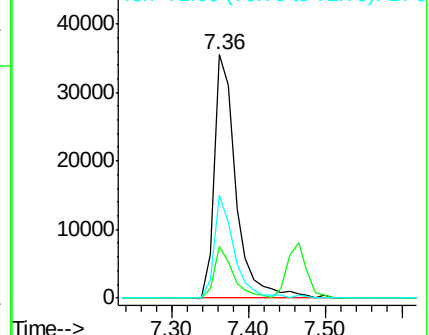
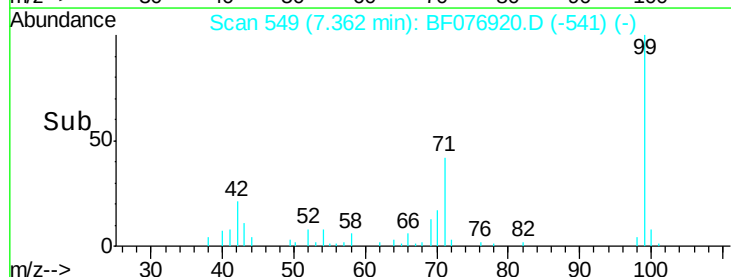
71 42.2 30.5 45.7

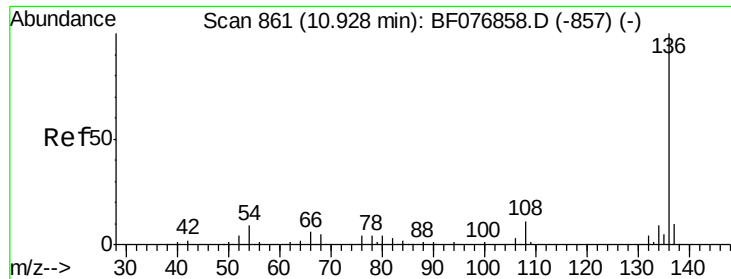


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

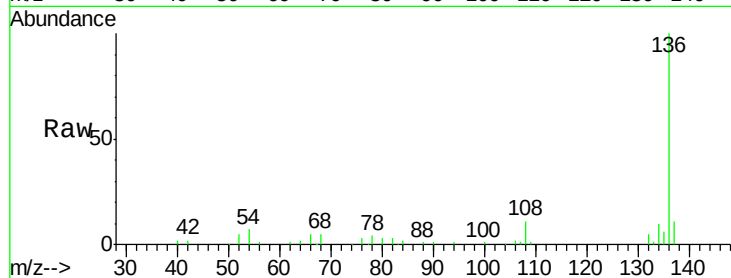




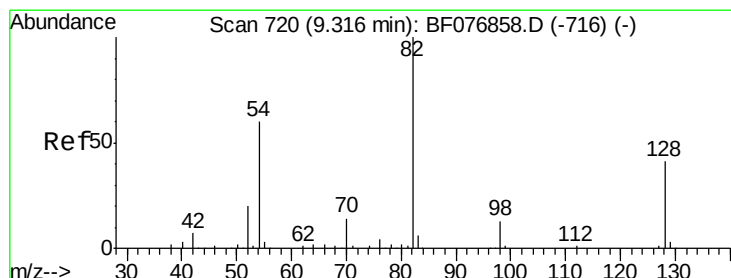
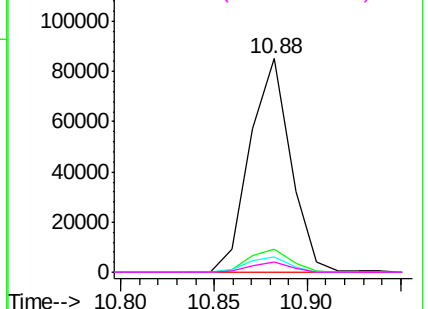
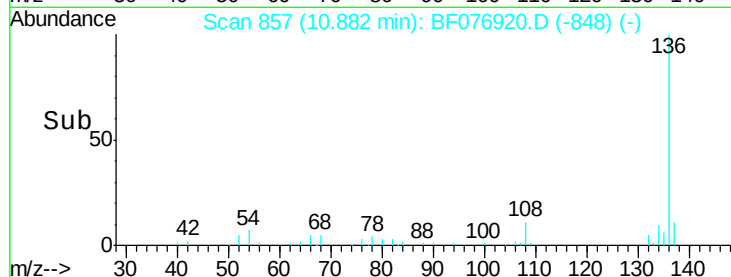
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076920.D
Acq: 16 Jan 2015 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	129769
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.1	12.1
54	7.4	7.0	10.4
68	4.6	3.7	5.5

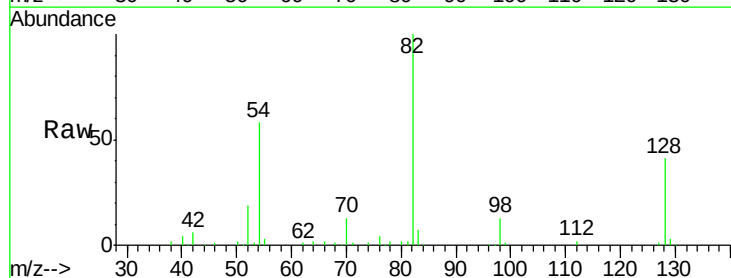


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

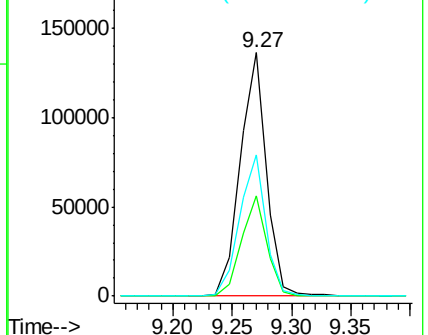
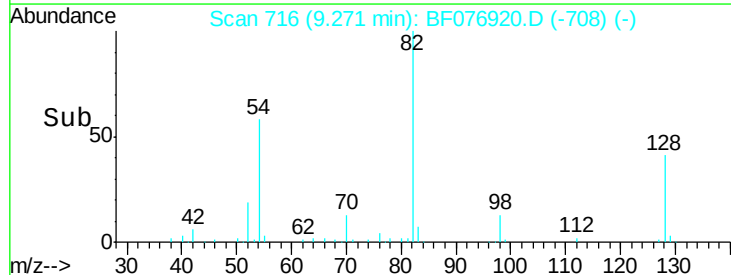


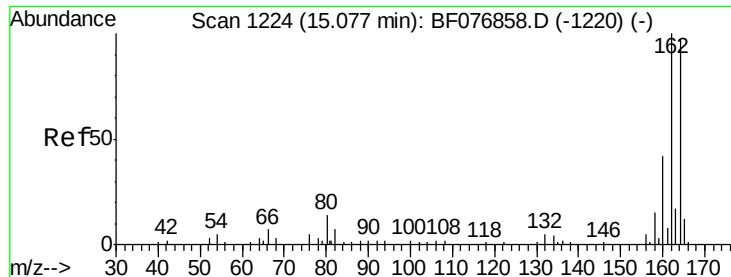
#23
Nitrobenzene-d5
Concen: 89.59 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076920.D
Acq: 16 Jan 2015 21:56

Tgt Ion:	82	Resp:	209841
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.1	49.7
54	57.7	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: 15.01 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF076920.D

Acq: 16 Jan 2015 21:56

Instrument :

BNA_F

ClientSampleId :

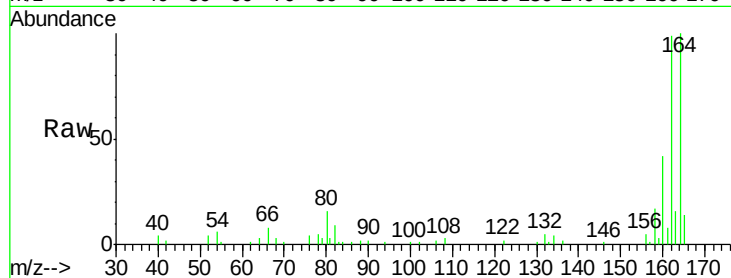
Tot Ion:164 Resp: 73784

Ion Ratio Lower Upper

164 100

162 99.3 82.4 123.6

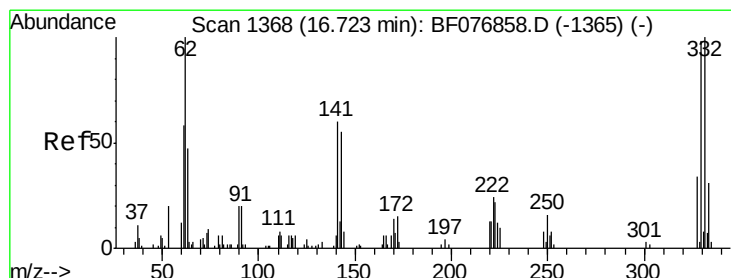
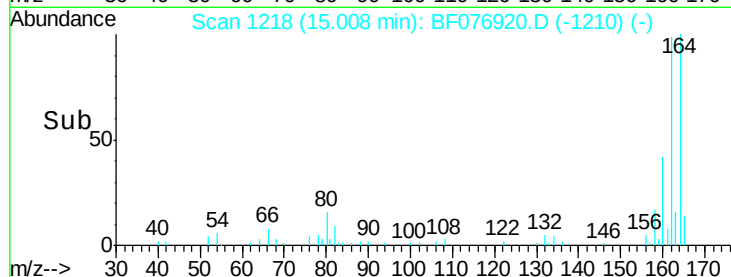
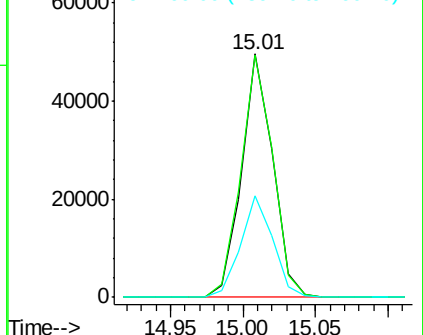
160 41.9 34.8 52.2



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: 138.81 ng

RT: 16.68 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF076920.D

Acq: 16 Jan 2015 21:56

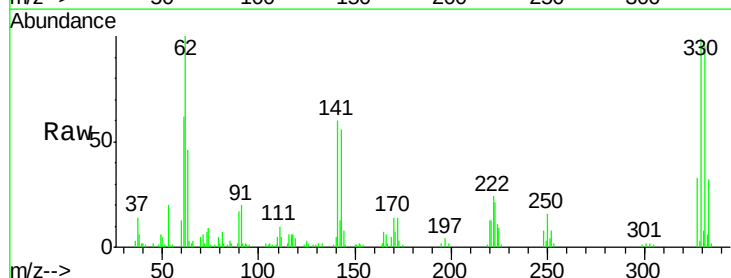
Tgt Ion:330 Resp: 83134

Ion Ratio Lower Upper

330 100

332 98.5 77.8 116.6

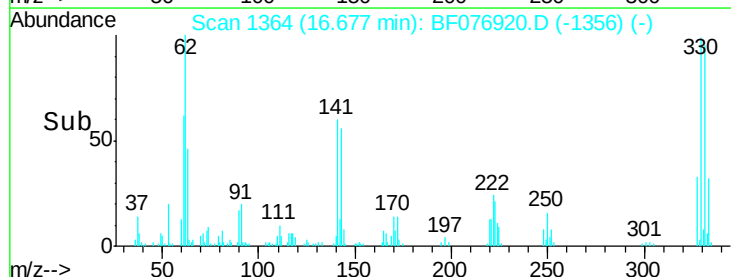
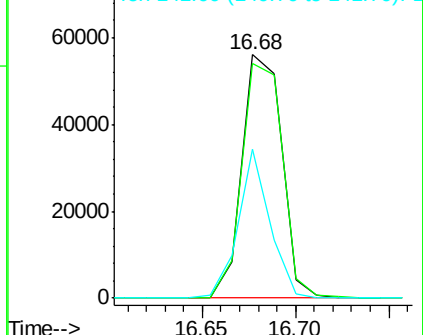
141 48.7 38.5 57.7

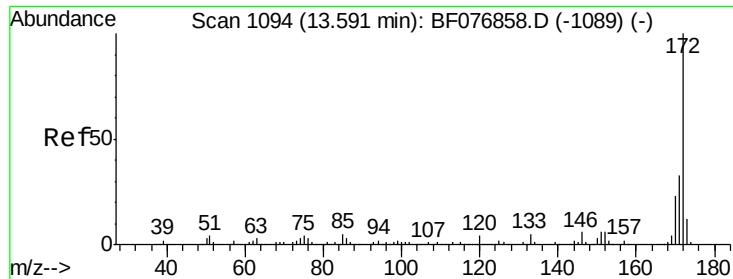


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

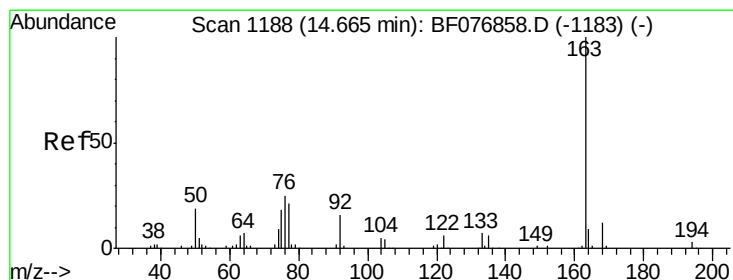
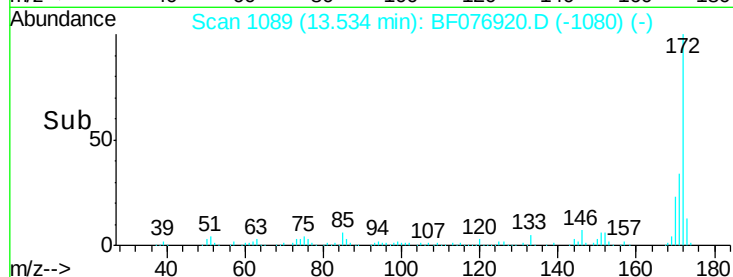
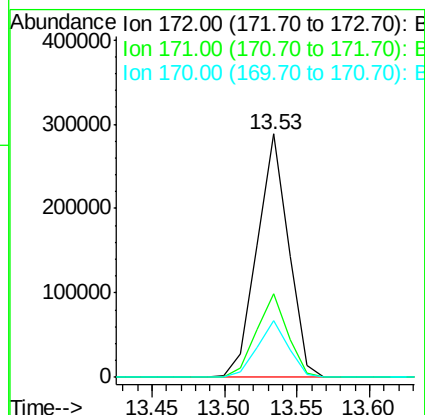
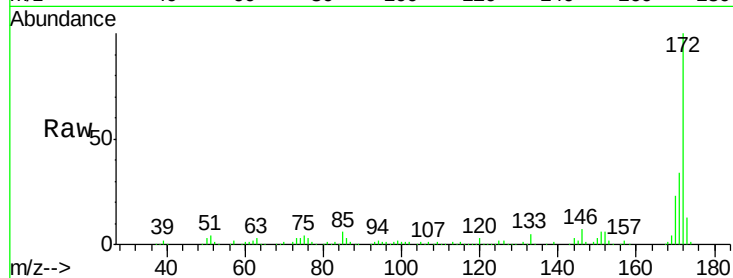




#44
2-Fluorobiphenyl
Concen: 89.37 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF076920.D
Acq: 16 Jan 2015 21:56

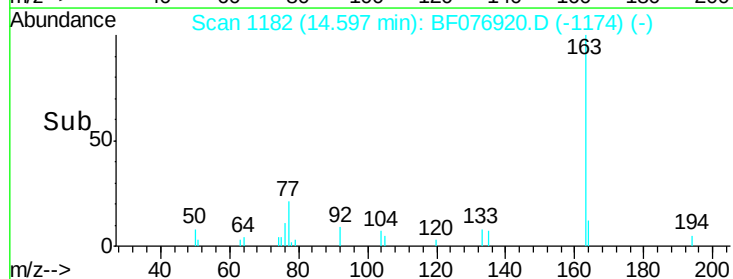
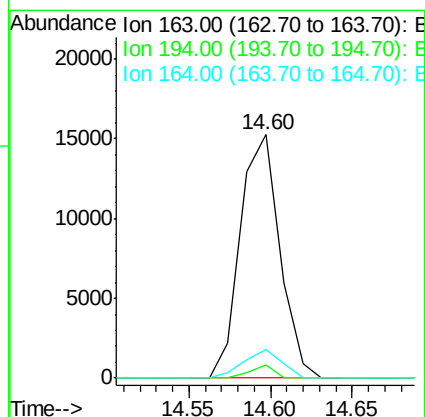
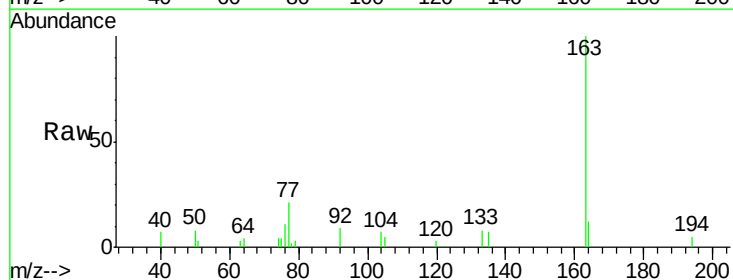
Instrument :
BNA_F
ClientSampleId :

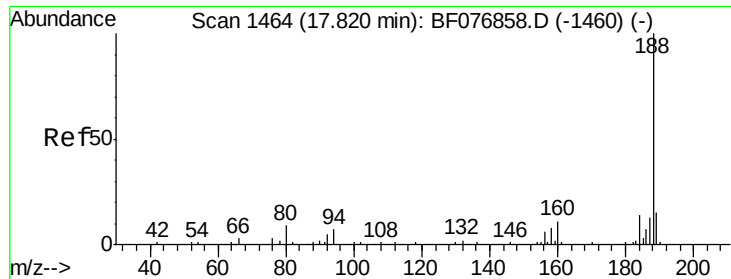
Tot Ion:172 Resp: 433289
Ion Ratio Lower Upper
172 100
171 34.4 26.6 40.0
170 23.2 18.0 27.0



#49
Dimethylphthalate
Concen: 4.89 ng
RT: 14.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF076920.D
Acq: 16 Jan 2015 21:56

Tgt Ion:163 Resp: 25576
Ion Ratio Lower Upper
163 100
194 5.3 2.6 4.0#
164 11.6 7.5 11.3#

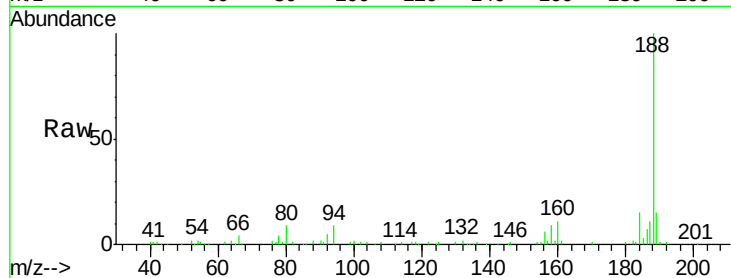




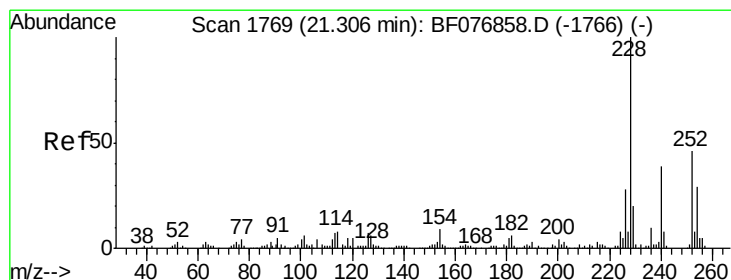
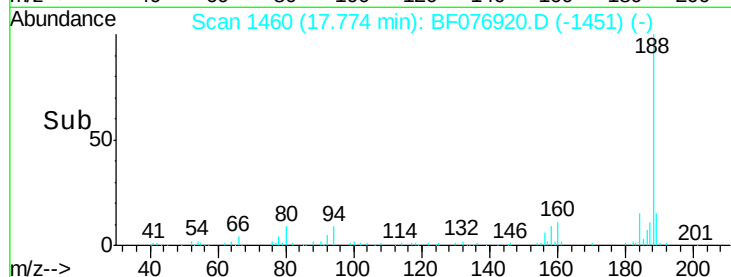
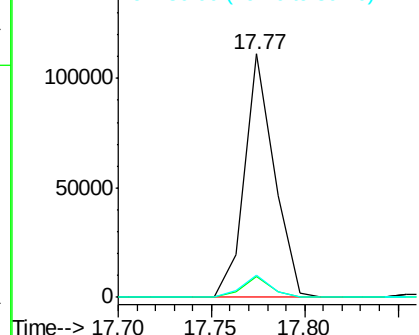
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076920.D
Acq: 16 Jan 2015 21:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 122870
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 9.1 6.9 10.3

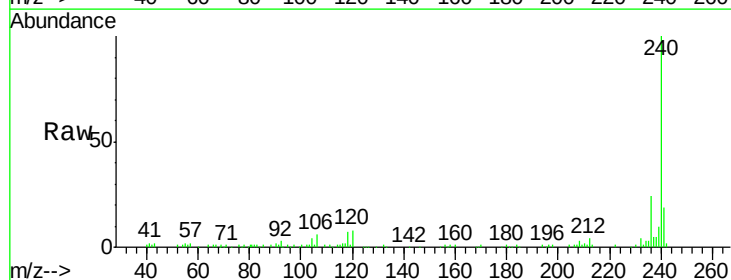


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

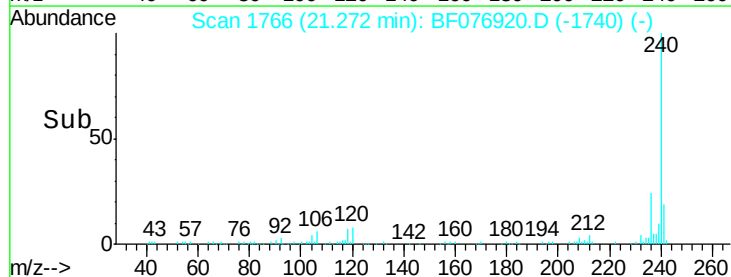
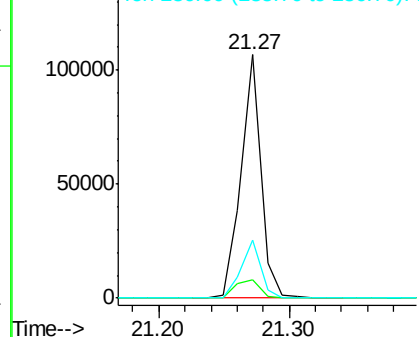


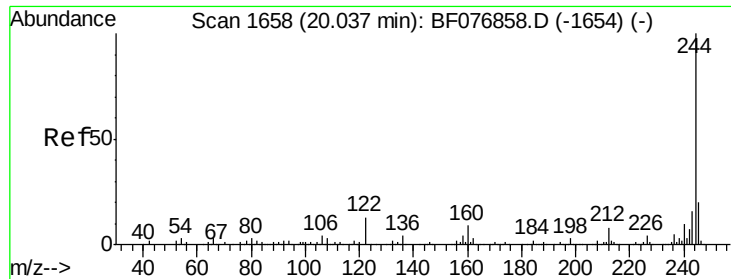
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076920.D
Acq: 16 Jan 2015 21:56

Tgt Ion:240 Resp: 112084
Ion Ratio Lower Upper
240 100
120 7.7 10.4 15.6#
236 23.6 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

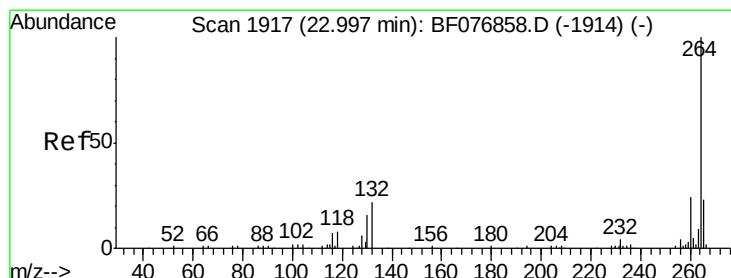
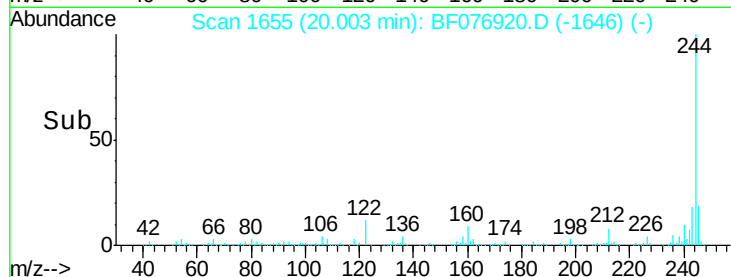
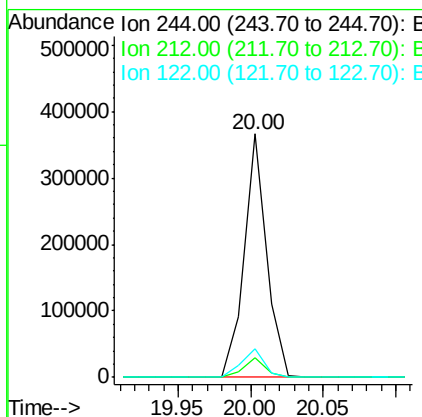
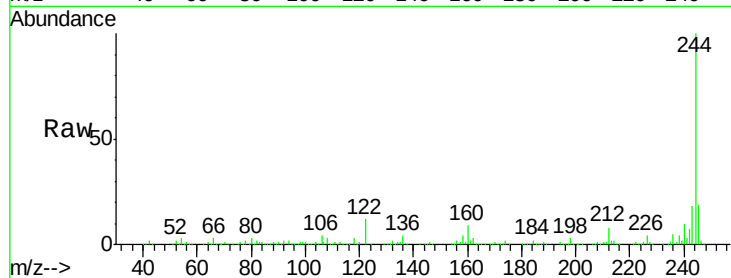




#78
 Terphenyl-d14
 Concen: 80.48 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF076920.D
 Acq: 16 Jan 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 391805
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 11.6 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.94 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF076920.D
 Acq: 16 Jan 2015 21:56

Tgt Ion:264 Resp: 93413
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 20.6 18.1 27.1

