

Data Path : Z:\HPCHEM1\BNA F\Data\BF011615\
 Data File : BF076911.D
 Acq On : 16 Jan 2015 16:30
 Operator : IZ / TP
 Sample : PB81350BL
 Misc : W
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 22:26:18 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

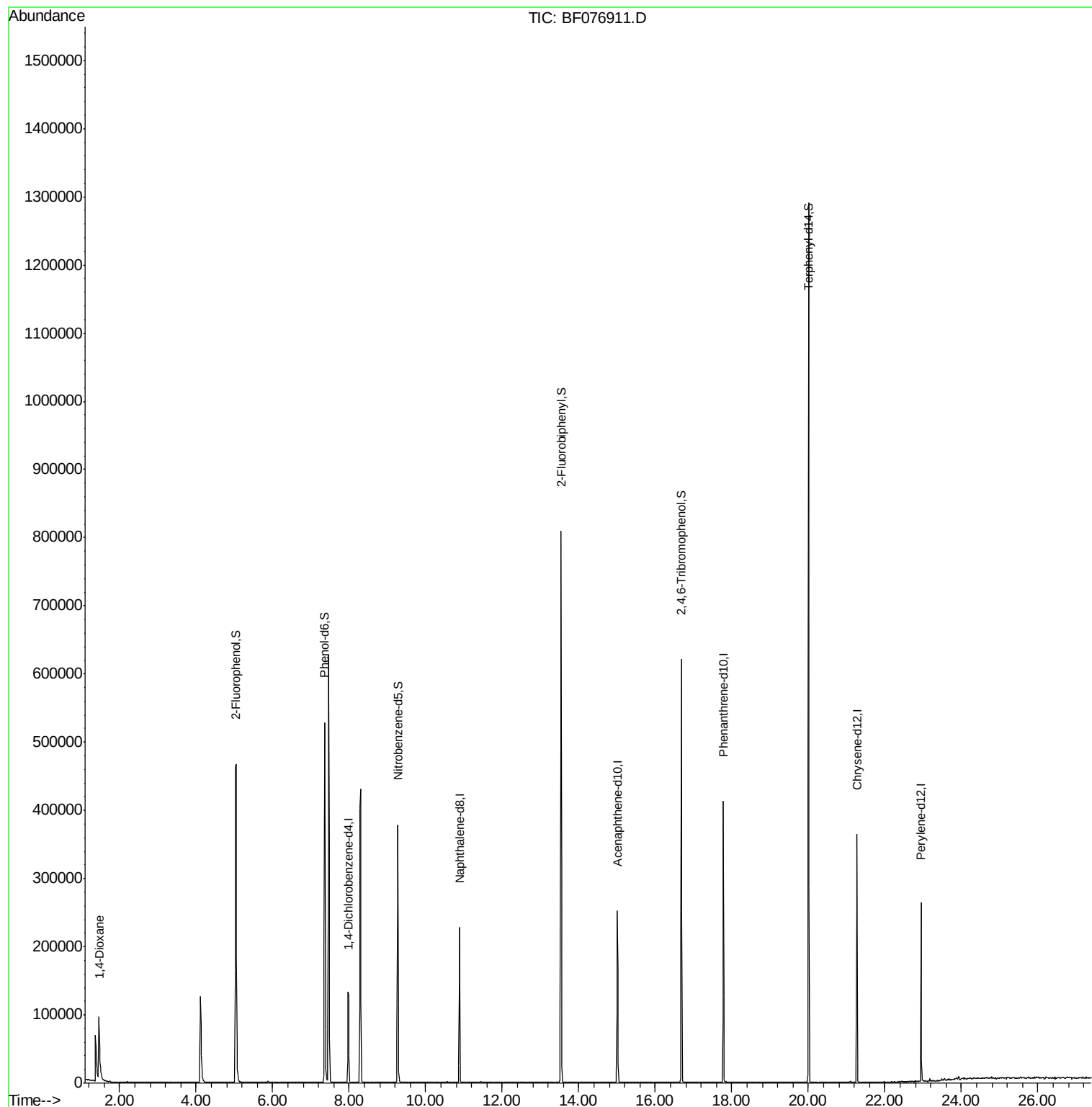
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	39621	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	174443	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	96333	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	177438	20.00	ng	0.00
75) Chrysene-d12	21.27	240	175605	20.00	ng	0.00
86) Perylene-d12	22.95	264	153874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	263306	109.26	ng	0.00
7) Phenol-d6	7.36	99	323831	106.52	ng	-0.01
23) Nitrobenzene-d5	9.27	82	197810	62.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	82765	105.84	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	412228	65.12	ng	0.00
78) Terphenyl-d14	20.00	244	464124	60.85	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.46	88	4311	4.18	ng	Qvalue # 12

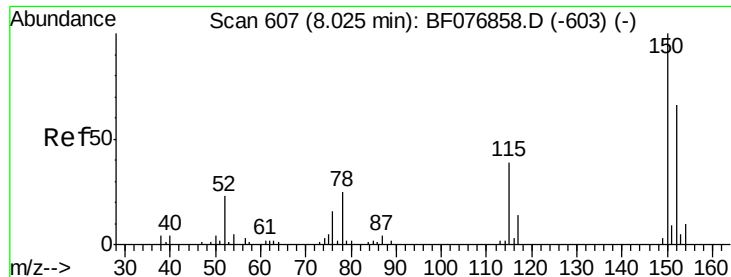
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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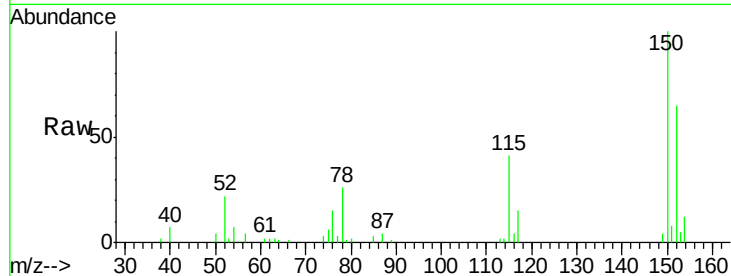


#1

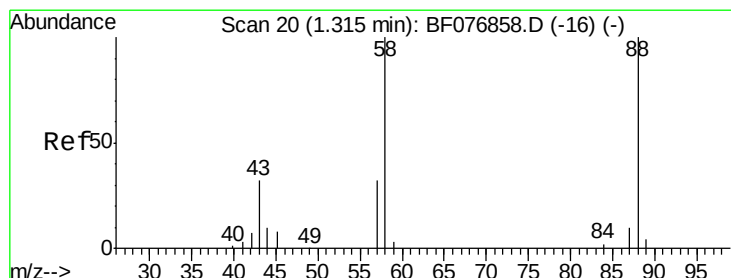
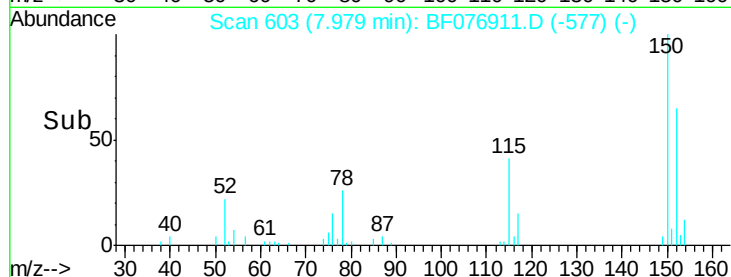
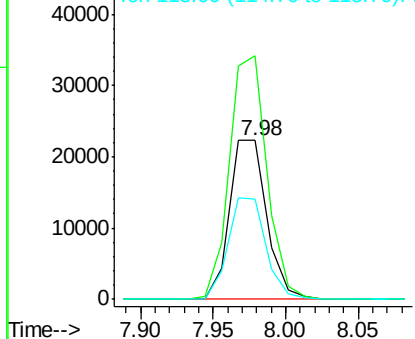
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF076911.D
Acq: 16 Jan 2015 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 39621
Ion Ratio Lower Upper
152 100
150 153.5 121.7 182.5
115 63.5 47.0 70.6



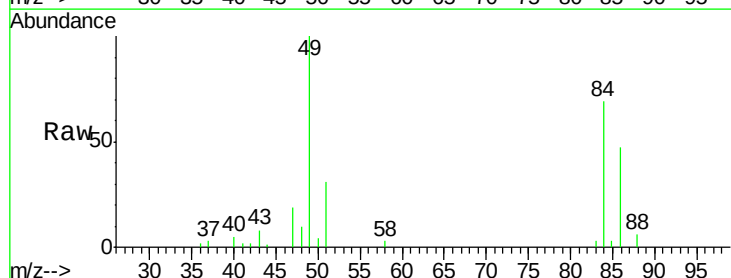
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



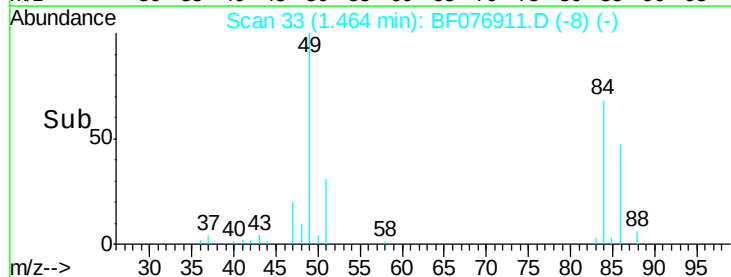
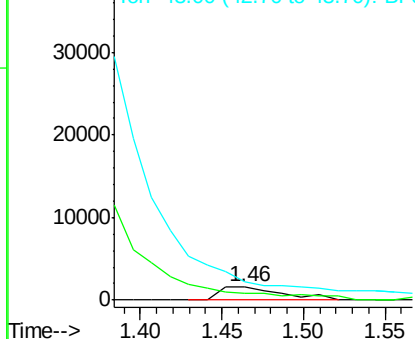
#2

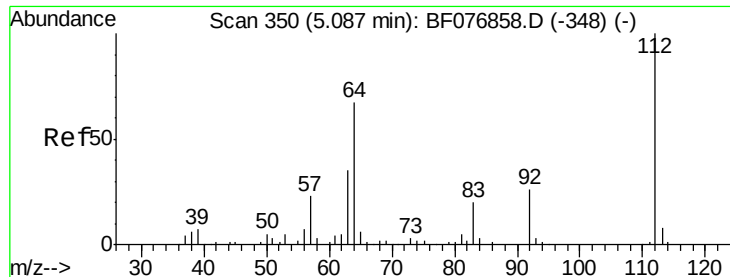
1,4-Dioxane
Concen: 4.18 ng
RT: 1.46 min Scan# 33
Delta R.T. 0.18 min
Lab File: BF076911.D
Acq: 16 Jan 2015 16:30

Tgt Ion: 88 Resp: 4311
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: 109.26 ng

RT: 5.04 min Scan# 346

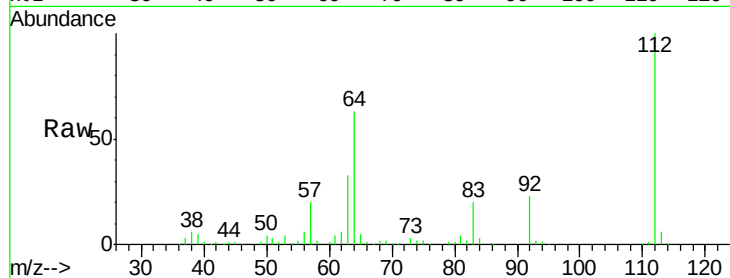
Delta R.T. 0.00 min

Lab File: BF076911.D

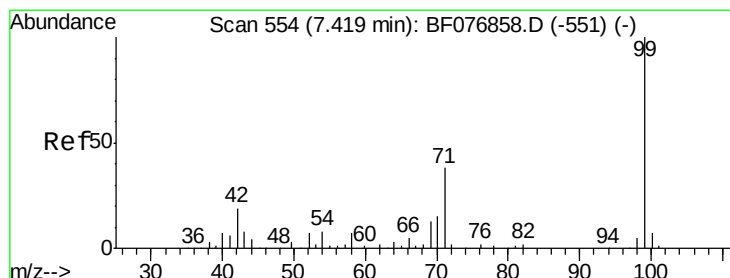
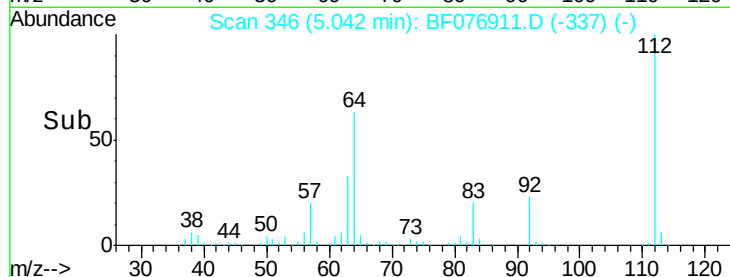
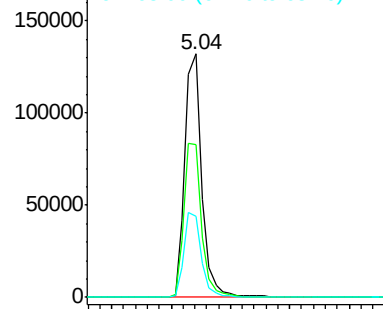
Acq: 16 Jan 2015 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	263306
Ion	Ratio	Lower	Upper
112	100		
64	62.7	54.2	81.4
63	33.3	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 106.52 ng

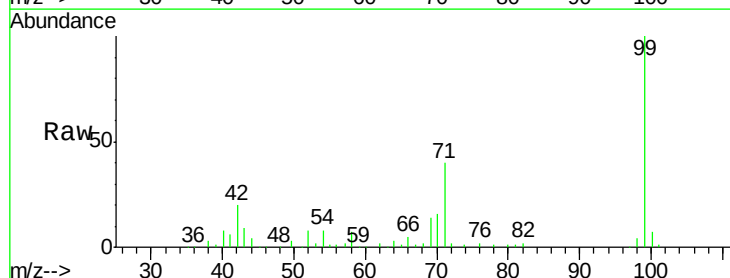
RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

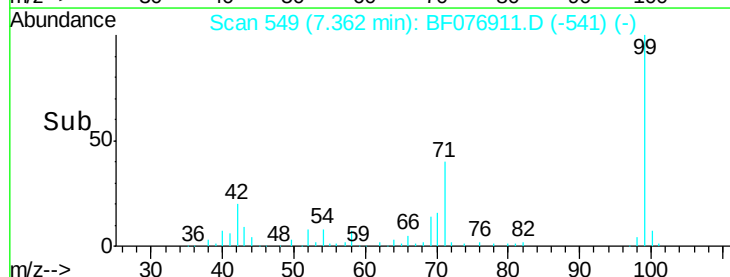
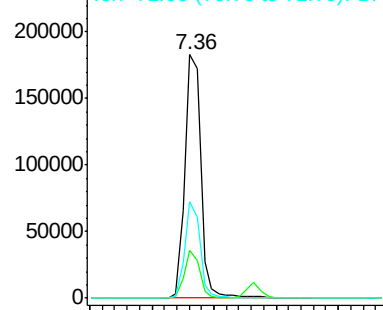
Lab File: BF076911.D

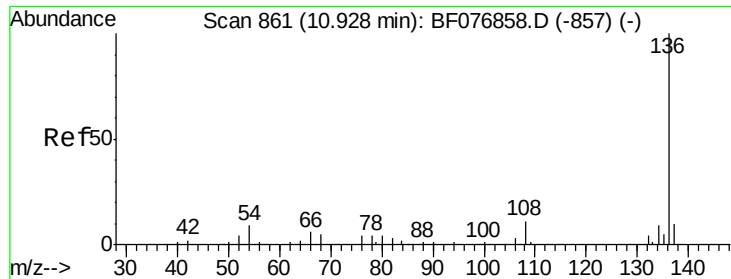
Acq: 16 Jan 2015 16:30

Tgt Ion:	99	Resp:	323831
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.0	22.4
71	39.5	30.5	45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

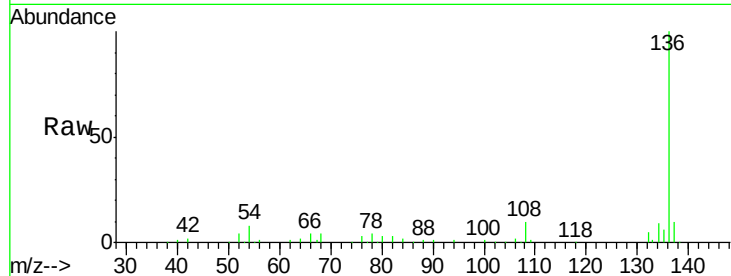




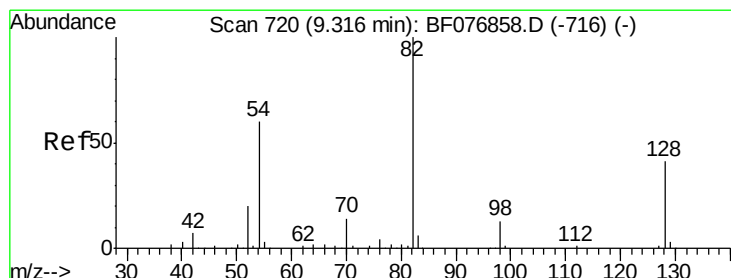
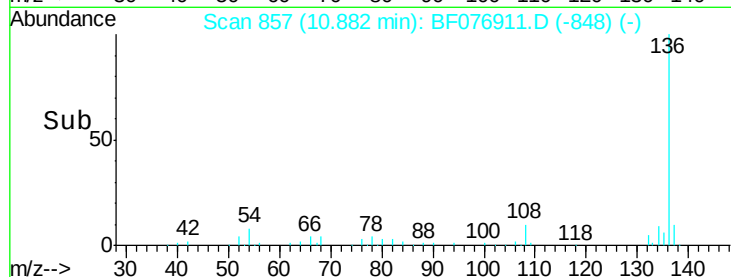
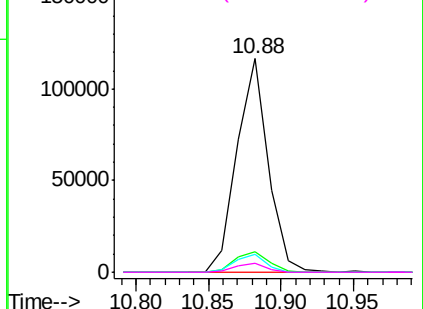
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076911.D
Acq: 16 Jan 2015 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	174443
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.1	12.1
54	8.4	7.0	10.4
68	4.3	3.7	5.5

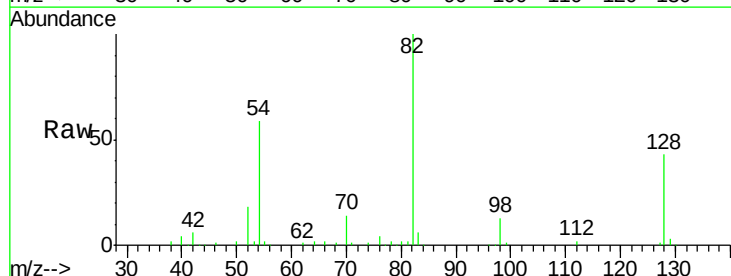


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

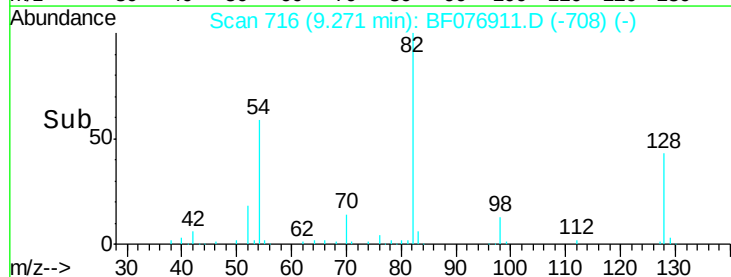
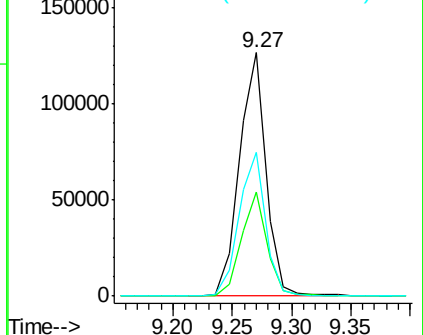


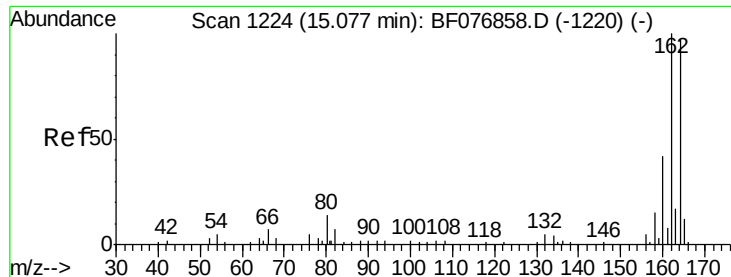
#23
Nitrobenzene-d5
Concen: 62.82 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076911.D
Acq: 16 Jan 2015 16:30

Tgt Ion:	82	Resp:	197810
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.1	49.7
54	59.2	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: BF076911.D

Acq: 16 Jan 2015 16:30

Instrument :

BNA_F

ClientSampleId :

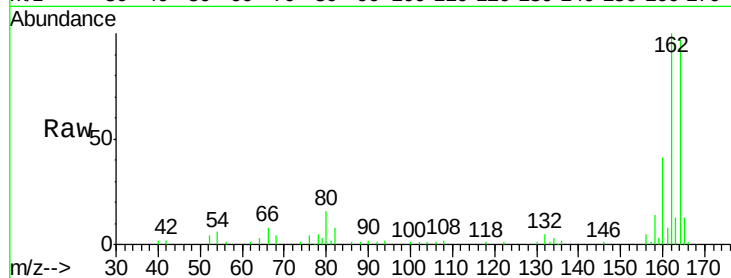
Tot Ion:164 Resp: 96333

Ion Ratio Lower Upper

164 100

162 102.7 82.4 123.6

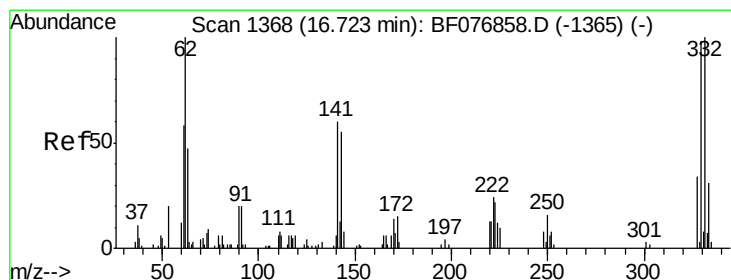
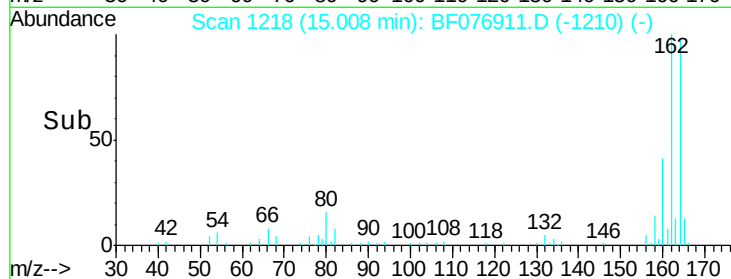
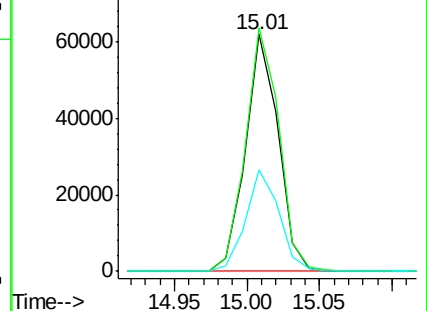
160 42.6 34.8 52.2



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: 105.84 ng

RT: 16.68 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF076911.D

Acq: 16 Jan 2015 16:30

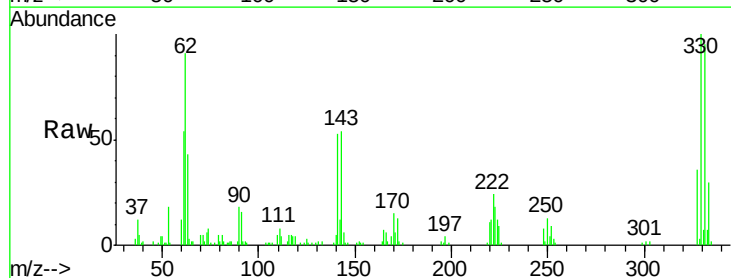
Tgt Ion:330 Resp: 82765

Ion Ratio Lower Upper

330 100

332 95.3 77.8 116.6

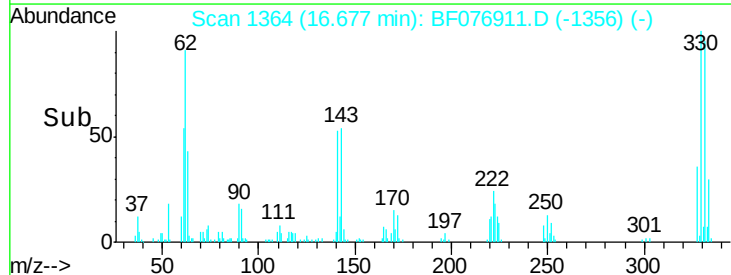
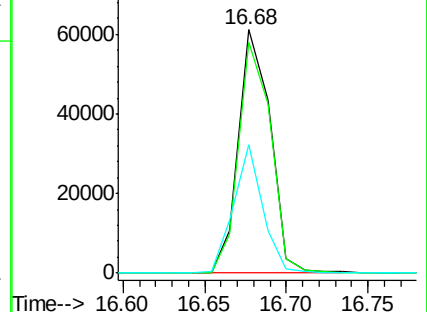
141 48.2 38.5 57.7

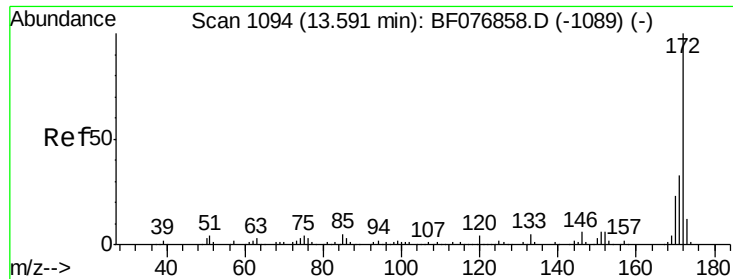


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

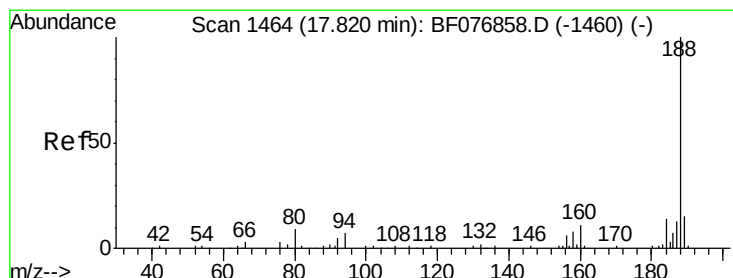
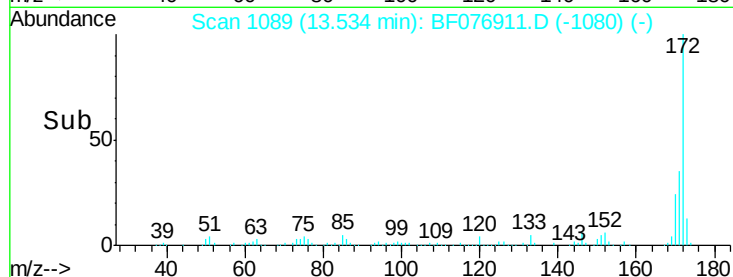
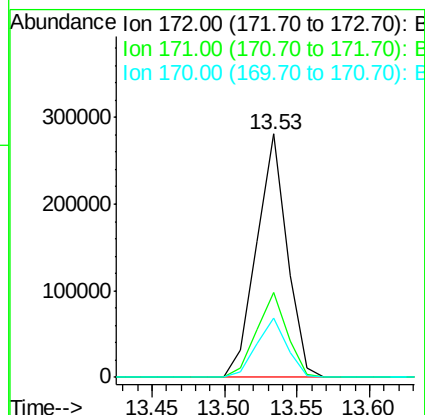
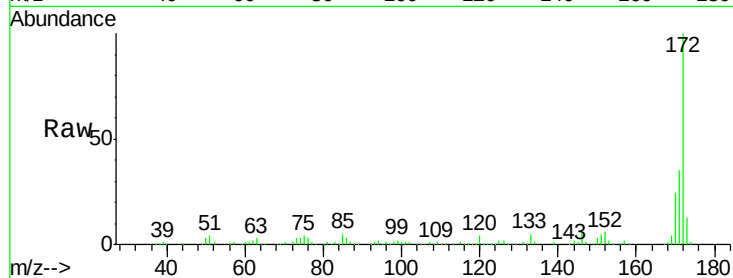




#44
 2-Fluorobiphenyl
 Concen: 65.12 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

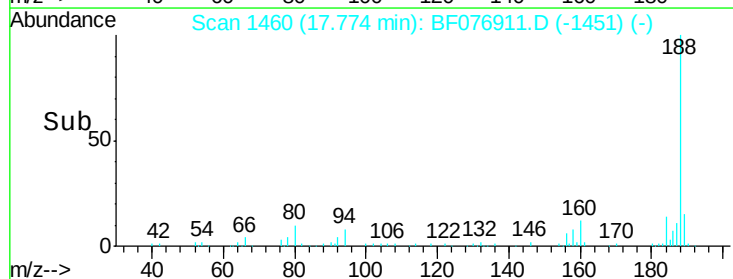
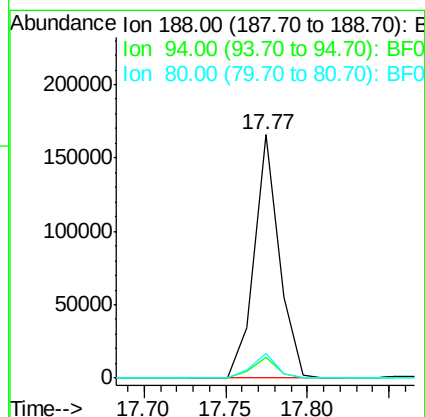
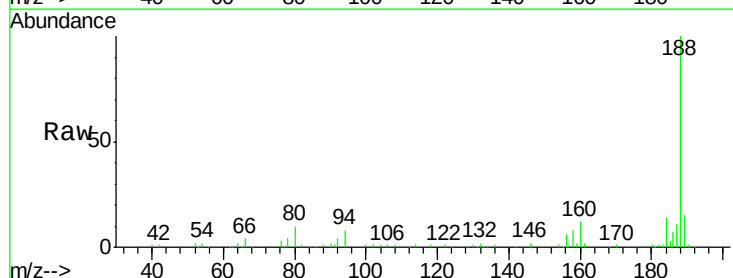
Instrument :
 BNA_F
 ClientSampleId :

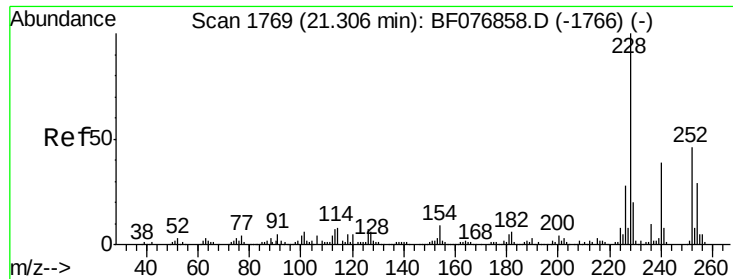
Tot Ion:172 Resp: 412228
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.6 40.0
 170 24.1 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

Tgt Ion:188 Resp: 177438
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.0 9.0
 80 10.3 6.9 10.3#

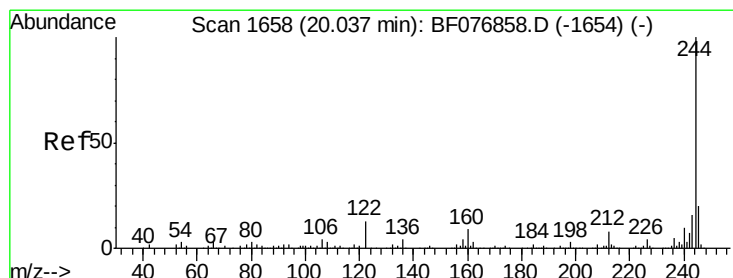
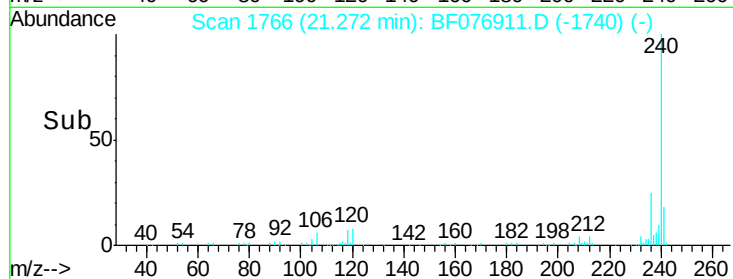
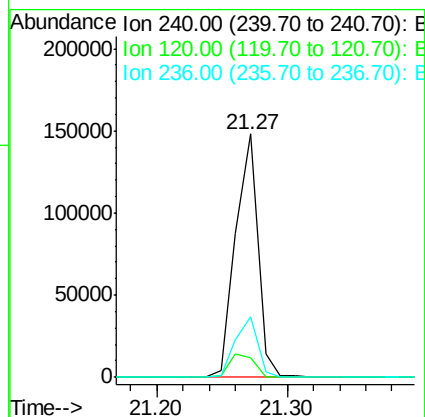
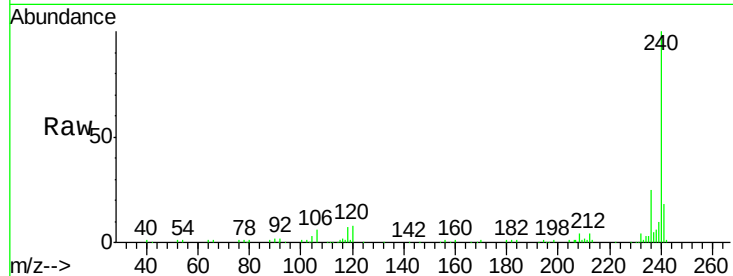




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

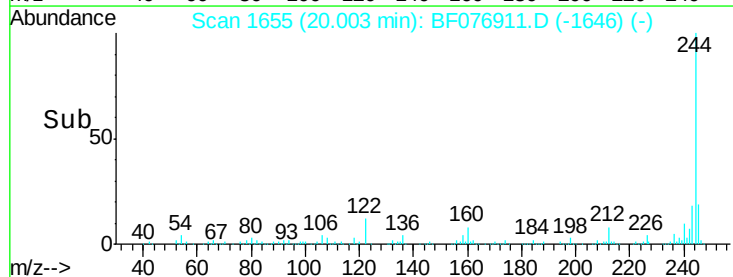
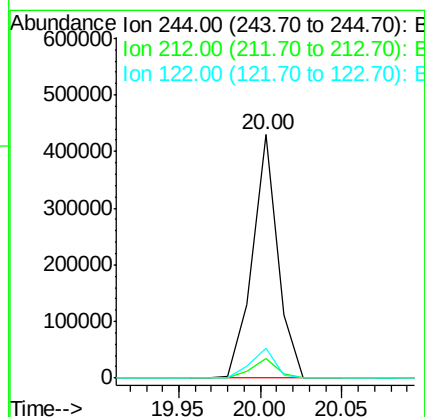
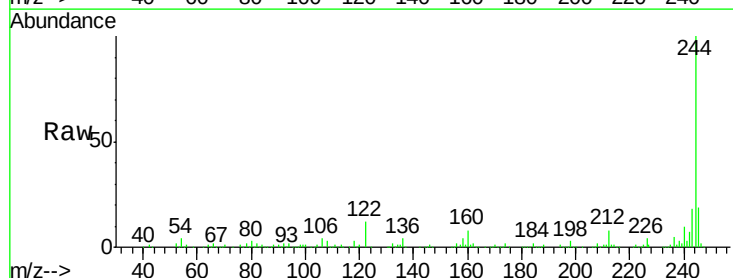
Instrument :
 BNA_F
 ClientSampleId :

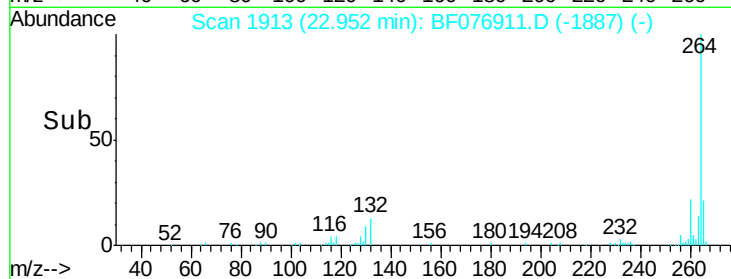
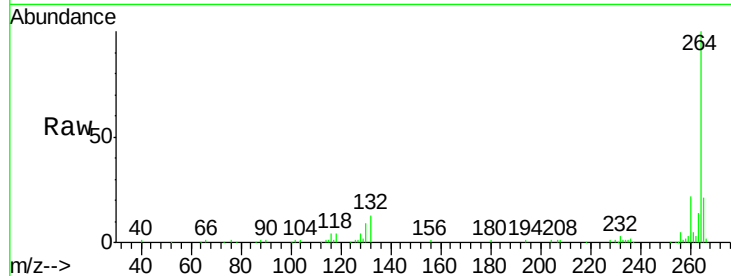
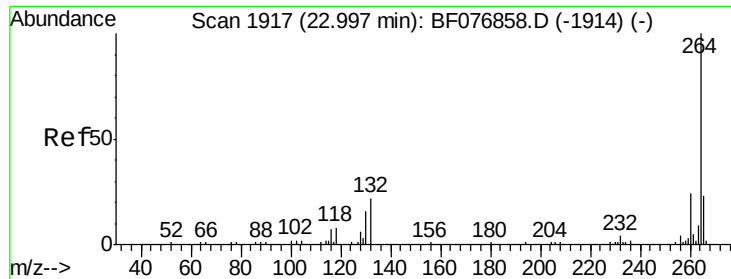
Tot Ion:240 Resp: 175605
 Ion Ratio Lower Upper
 240 100
 120 8.1 10.4 15.6#
 236 24.6 20.2 30.2



#78
 Terphenyl-d14
 Concen: 60.85 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

Tgt Ion:244 Resp: 464124
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 12.1 10.1 15.1





#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.95 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BF076911.D
Acq: 16 Jan 2015 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.0	28.4
265	20.7	18.1	27.1

