

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076932.D
 Acq On : 19 Jan 2015 16:32
 Operator : IZ / TP
 Sample : G1101-15
 Misc : W
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 00:50:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	31790	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	134713	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	70182	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	120845	20.00	ng	0.00
75) Chrysene-d12	21.27	240	118664	20.00	ng	0.00
86) Perylene-d12	22.92	264	105738	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	108047	55.88	ng	0.00
7) Phenol-d6	7.37	99	79137	32.44	ng	0.00
23) Nitrobenzene-d5	9.27	82	206053	84.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	75264	132.11	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	401669	87.10	ng	0.00
78) Terphenyl-d14	20.00	244	372818	72.33	ng	0.00

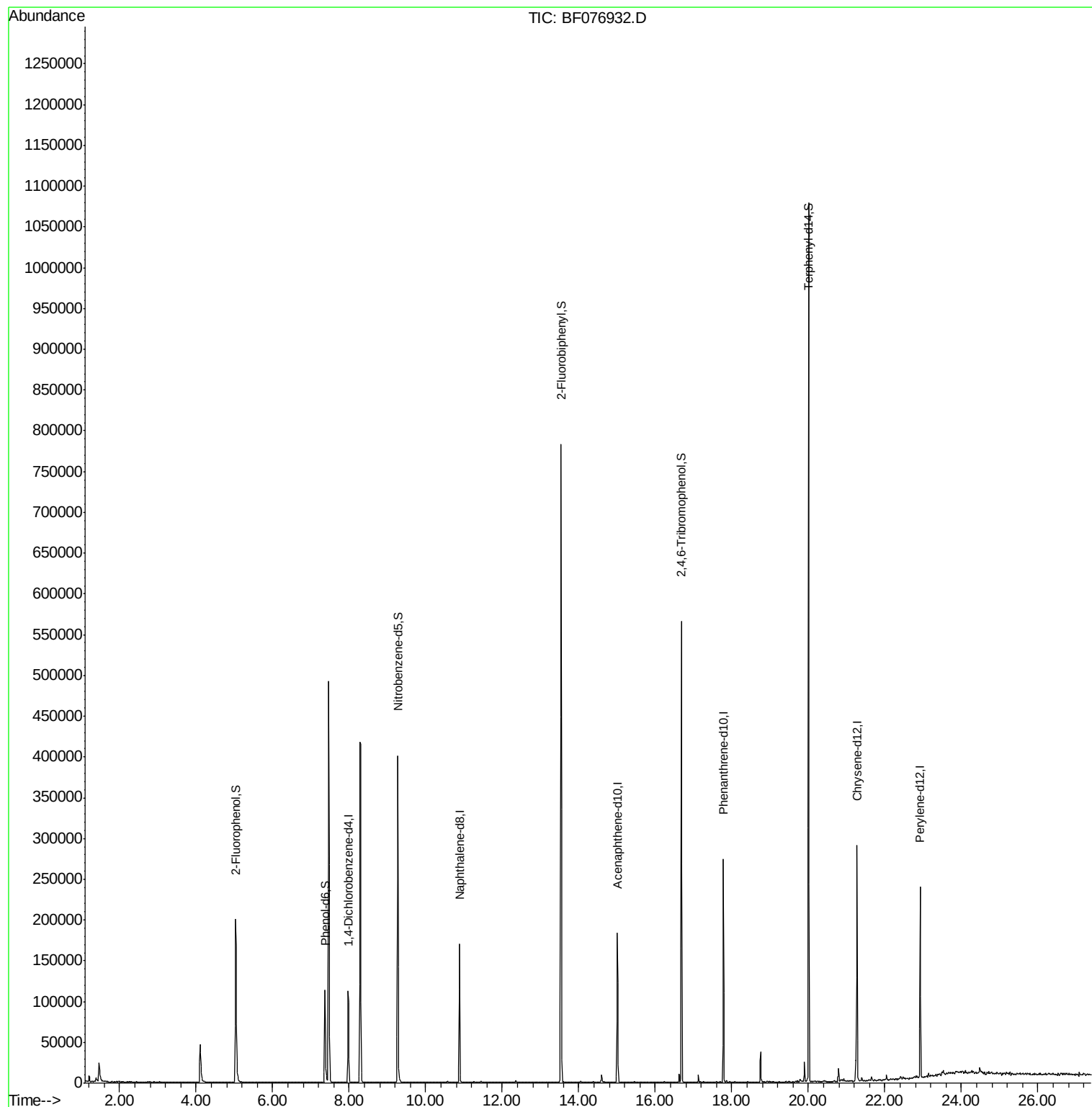
Target Compounds Qvalue

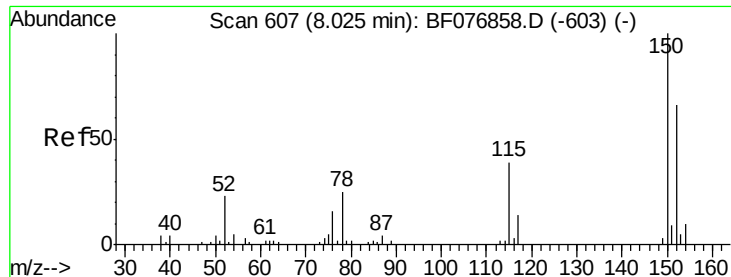
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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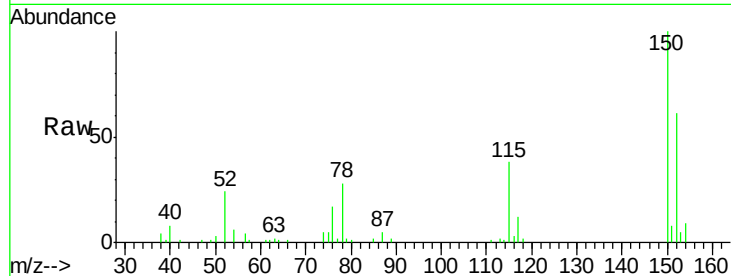


#1

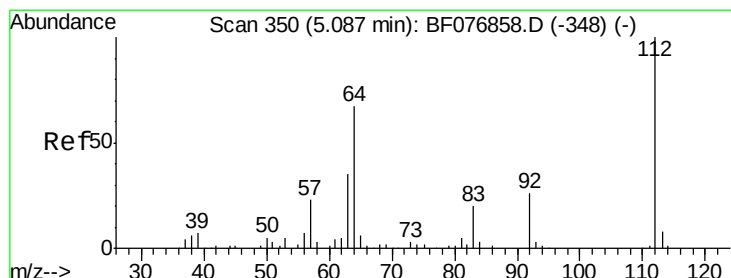
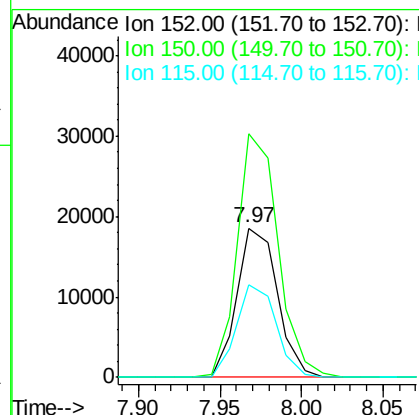
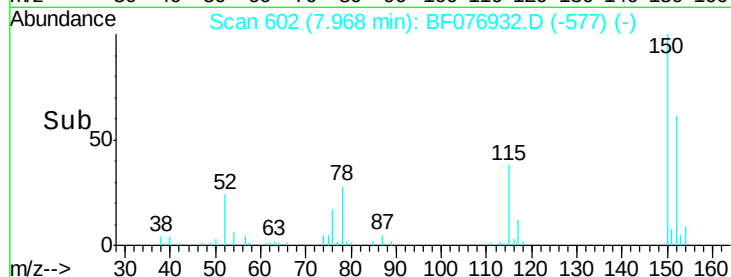
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076932.D
Acq: 19 Jan 2015 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31790
Ion Ratio Lower Upper
152 100
150 163.1 121.7 182.5
115 62.2 47.0 70.6



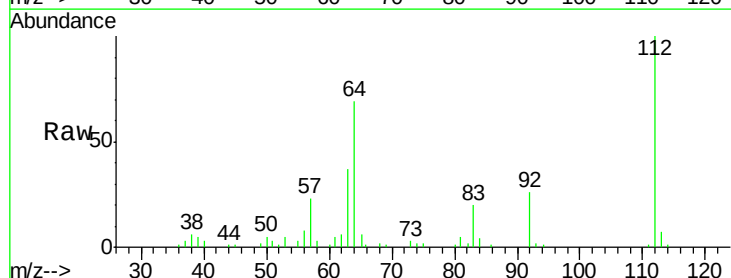
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



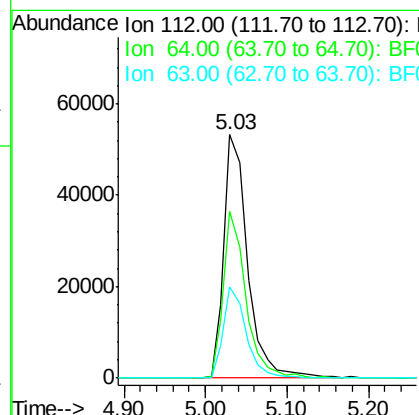
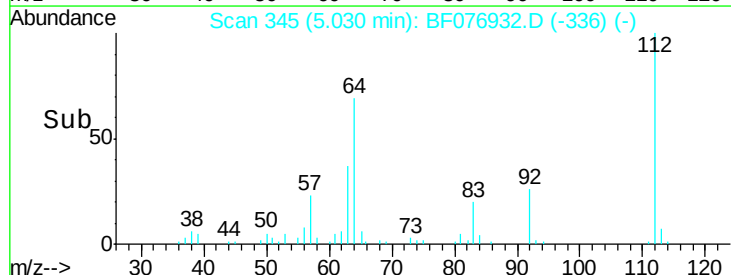
#5

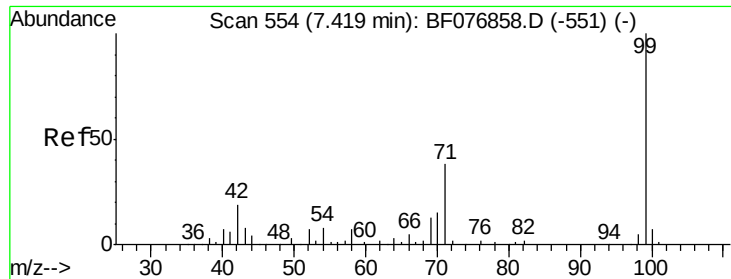
2-Fluorophenol
Concen: 55.88 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076932.D
Acq: 19 Jan 2015 16:32

Tgt Ion:112 Resp: 108047
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 37.3 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: 32.44 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076932.D

Acq: 19 Jan 2015 16:32

Instrument :

BNA_F

ClientSampled :

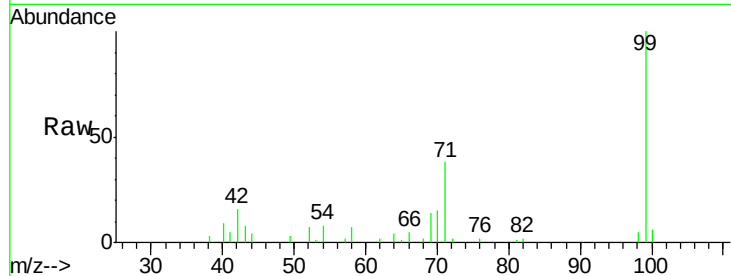
Tot Ion: 99 Resp: 79137

Ion Ratio Lower Upper

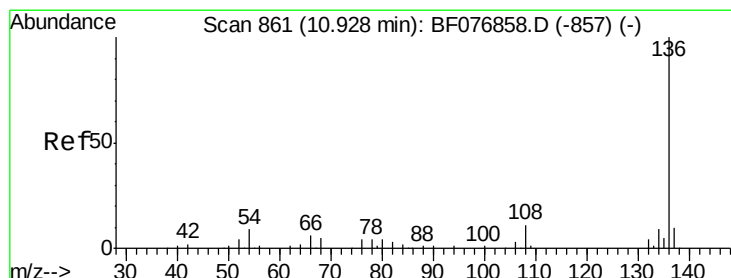
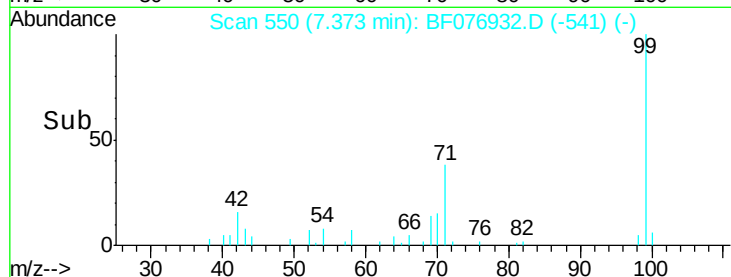
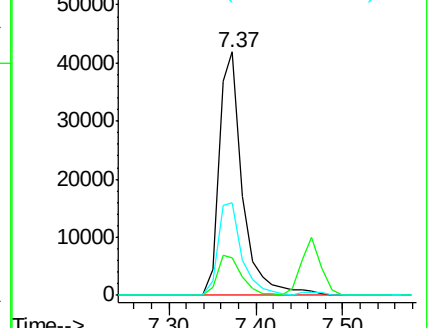
99 100

42 15.5 15.0 22.4

71 38.1 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: BF076932.D

Acq: 19 Jan 2015 16:32

Tgt Ion: 136 Resp: 134713

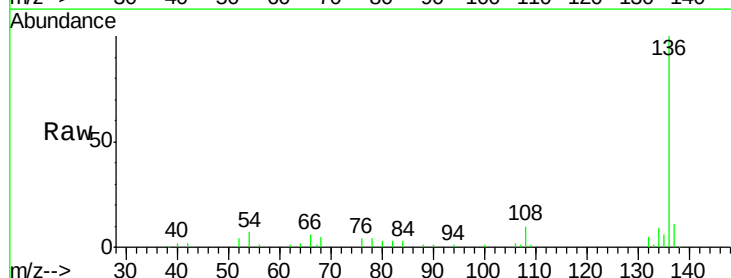
Ion Ratio Lower Upper

136 100

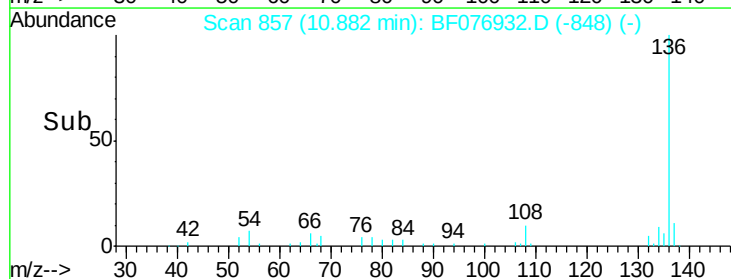
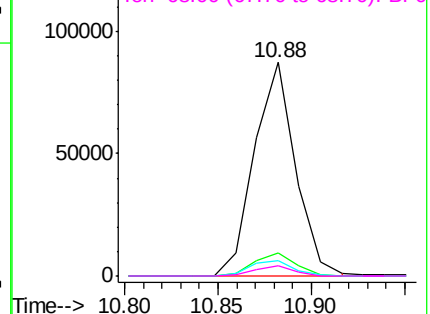
137 10.7 8.1 12.1

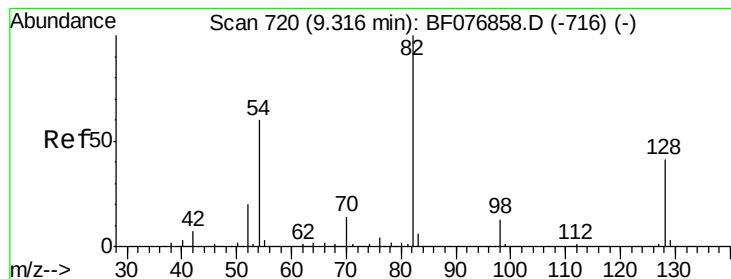
54 7.0 7.0 10.4

68 4.9 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: 84.74 ng

RT: 9.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF076932.D

Acq: 19 Jan 2015 16:32

Instrument :

BNA_F

ClientSampleId :

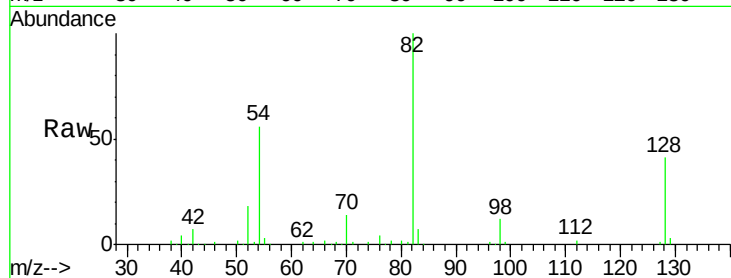
Tot Ion: 82 Resp: 206053

Ion Ratio Lower Upper

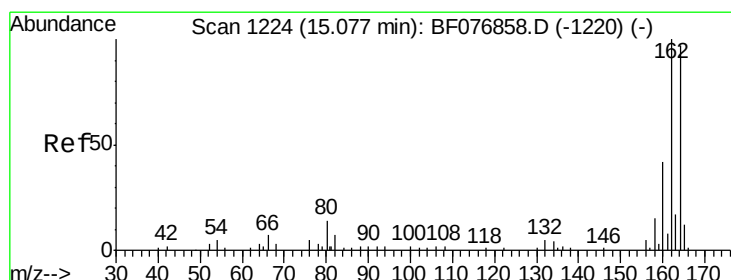
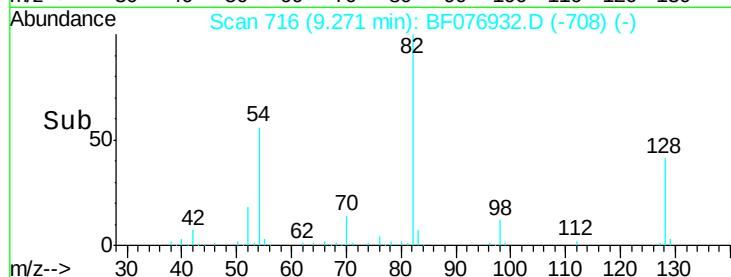
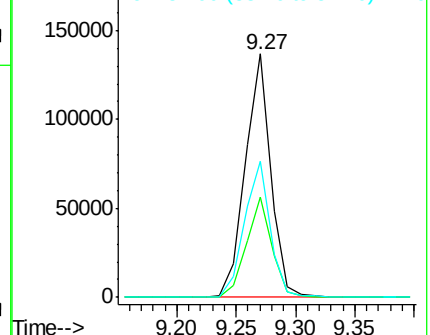
82 100

128 41.3 33.1 49.7

54 55.8 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: BF076932.D

Acq: 19 Jan 2015 16:32

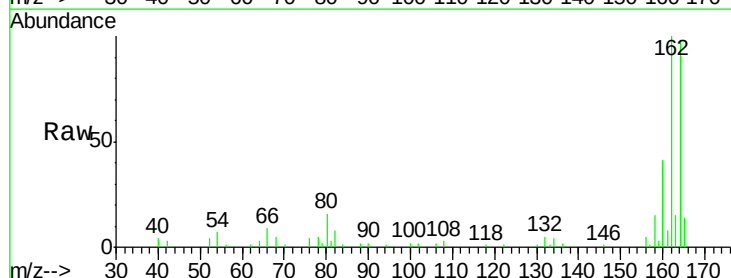
Tgt Ion: 164 Resp: 70182

Ion Ratio Lower Upper

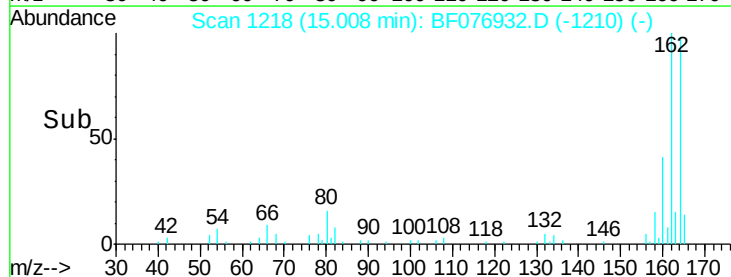
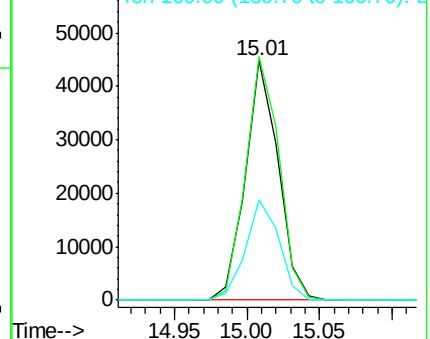
164 100

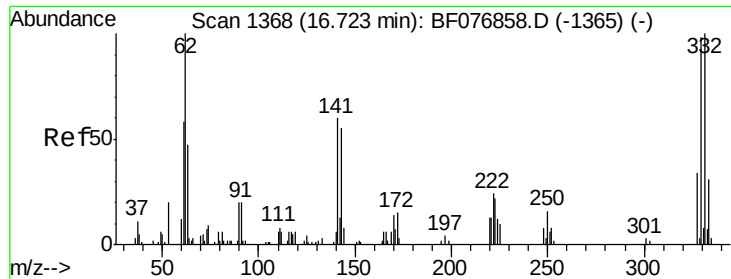
162 101.8 82.4 123.6

160 42.1 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

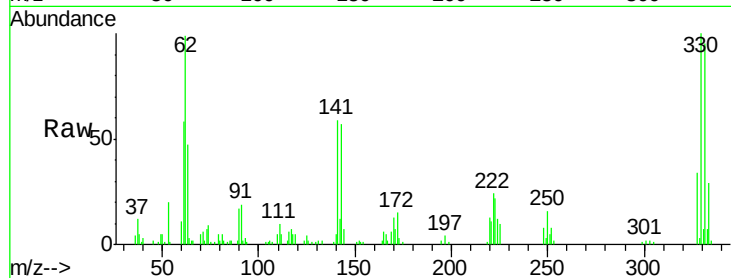




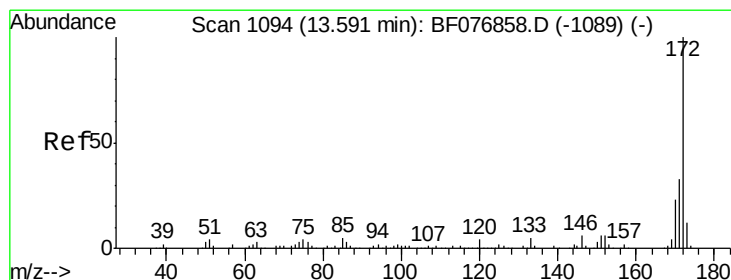
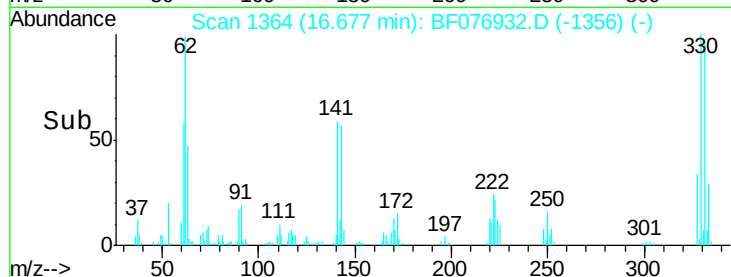
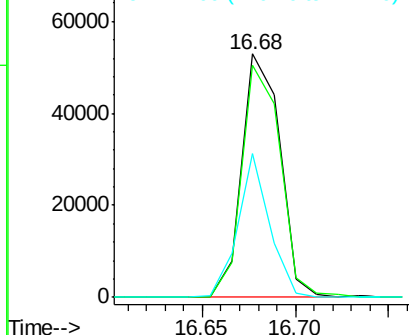
#41
2,4,6-Tribromophenol
Concen: 132.11 ng
RT: 16.68 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF076932.D
Acq: 19 Jan 2015 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	49.0	38.5	57.7

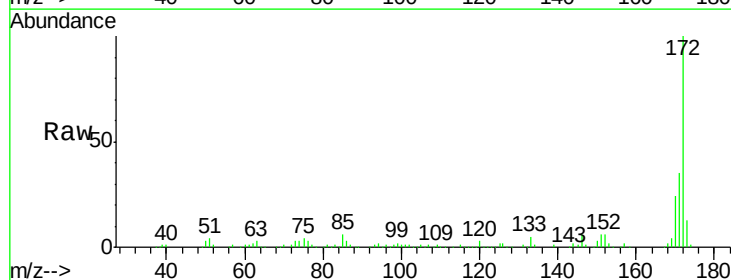


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

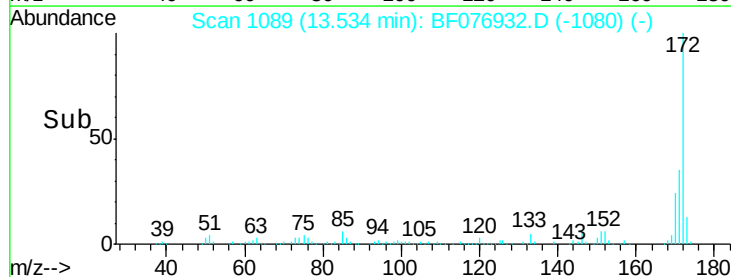
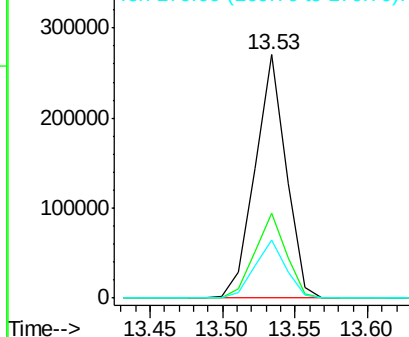


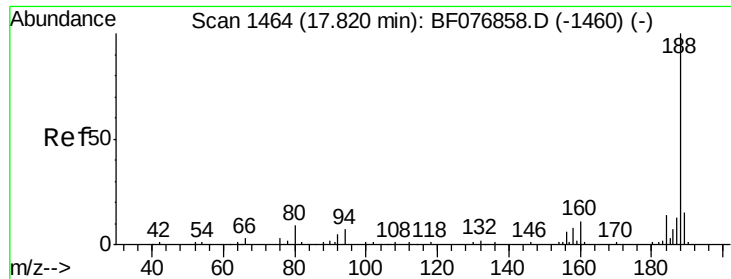
#44
2-Fluorobiphenyl
Concen: 87.10 ng
RT: 13.53 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BF076932.D
Acq: 19 Jan 2015 16:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.6	40.0
170	23.9	18.0	27.0



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

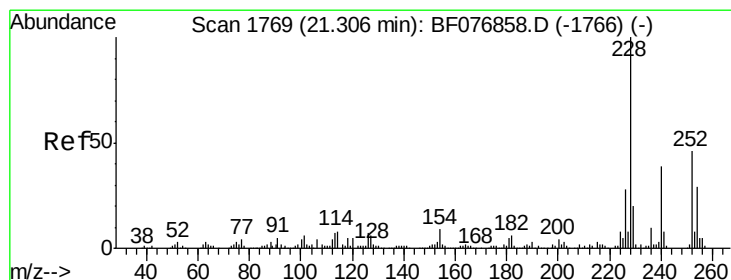
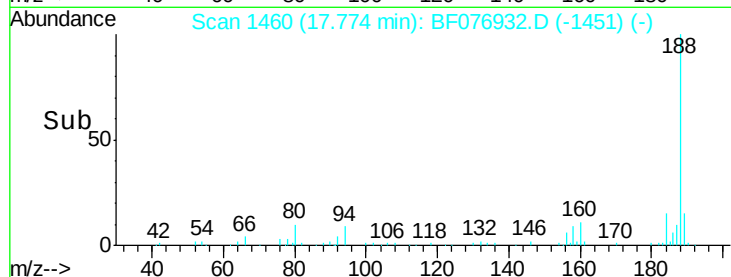
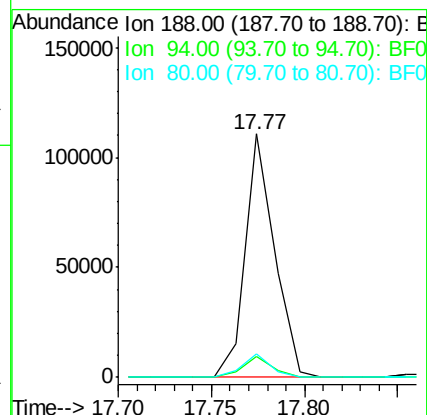
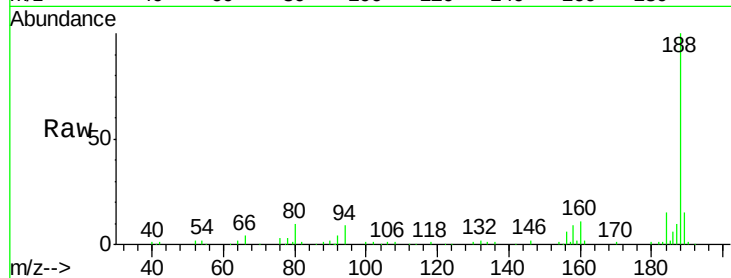




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076932.D
 Acq: 19 Jan 2015 16:32

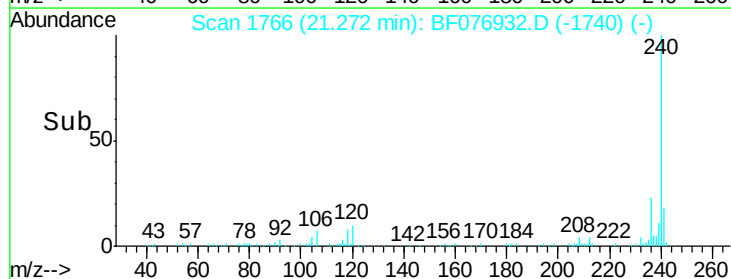
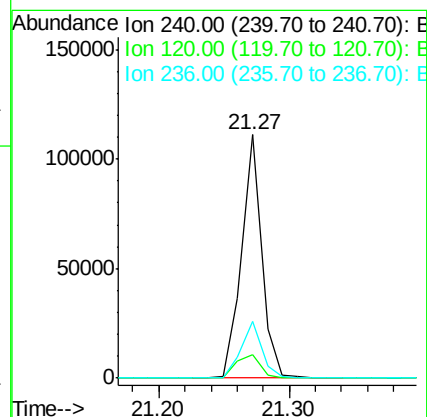
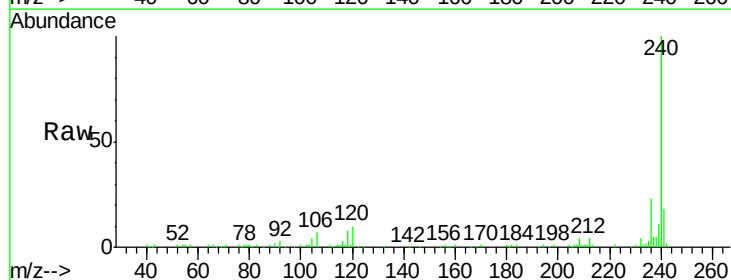
Instrument :
 BNA_F
 ClientSampleId :

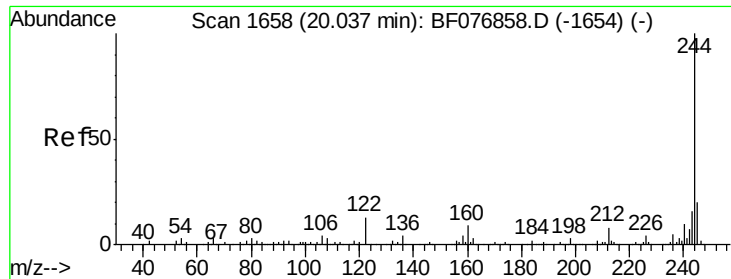
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.0	9.0
80	9.7	6.9	10.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076932.D
 Acq: 19 Jan 2015 16:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	10.4	15.6#
236	23.5	20.2	30.2

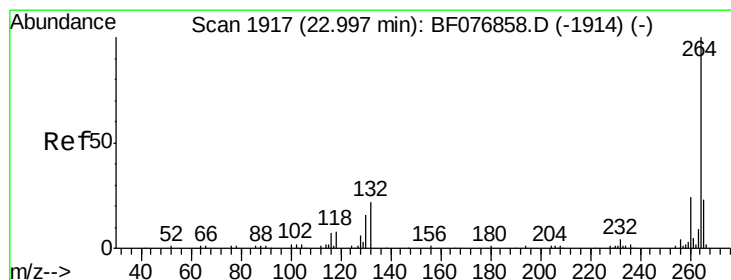
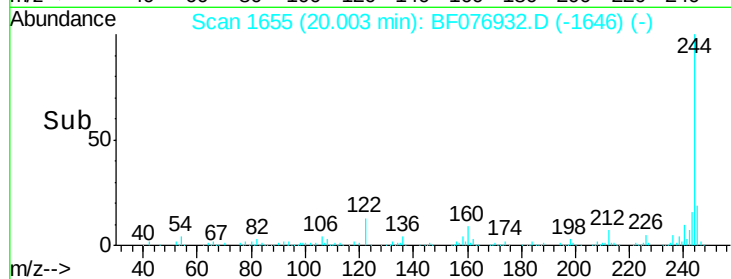
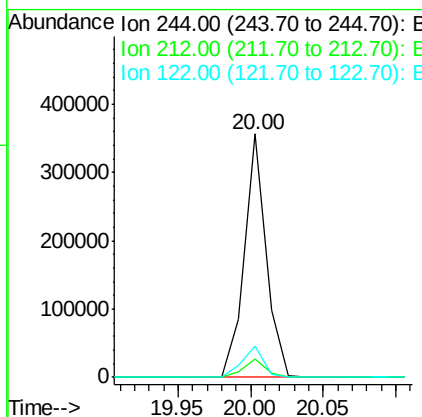
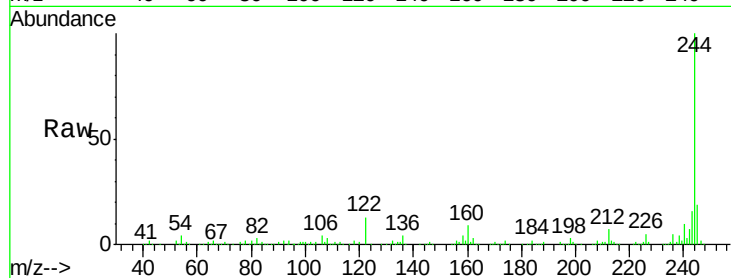




#78
 Terphenyl-d14
 Concen: 72.33 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076932.D
 Acq: 19 Jan 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 372818
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 12.5 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.92 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF076932.D
 Acq: 19 Jan 2015 16:32

Tgt Ion:264 Resp: 105738
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 20.8 18.1 27.1

