

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076929.D
 Acq On : 19 Jan 2015 14:48
 Operator : IZ / TP
 Sample : G1101-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 00:35:32 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

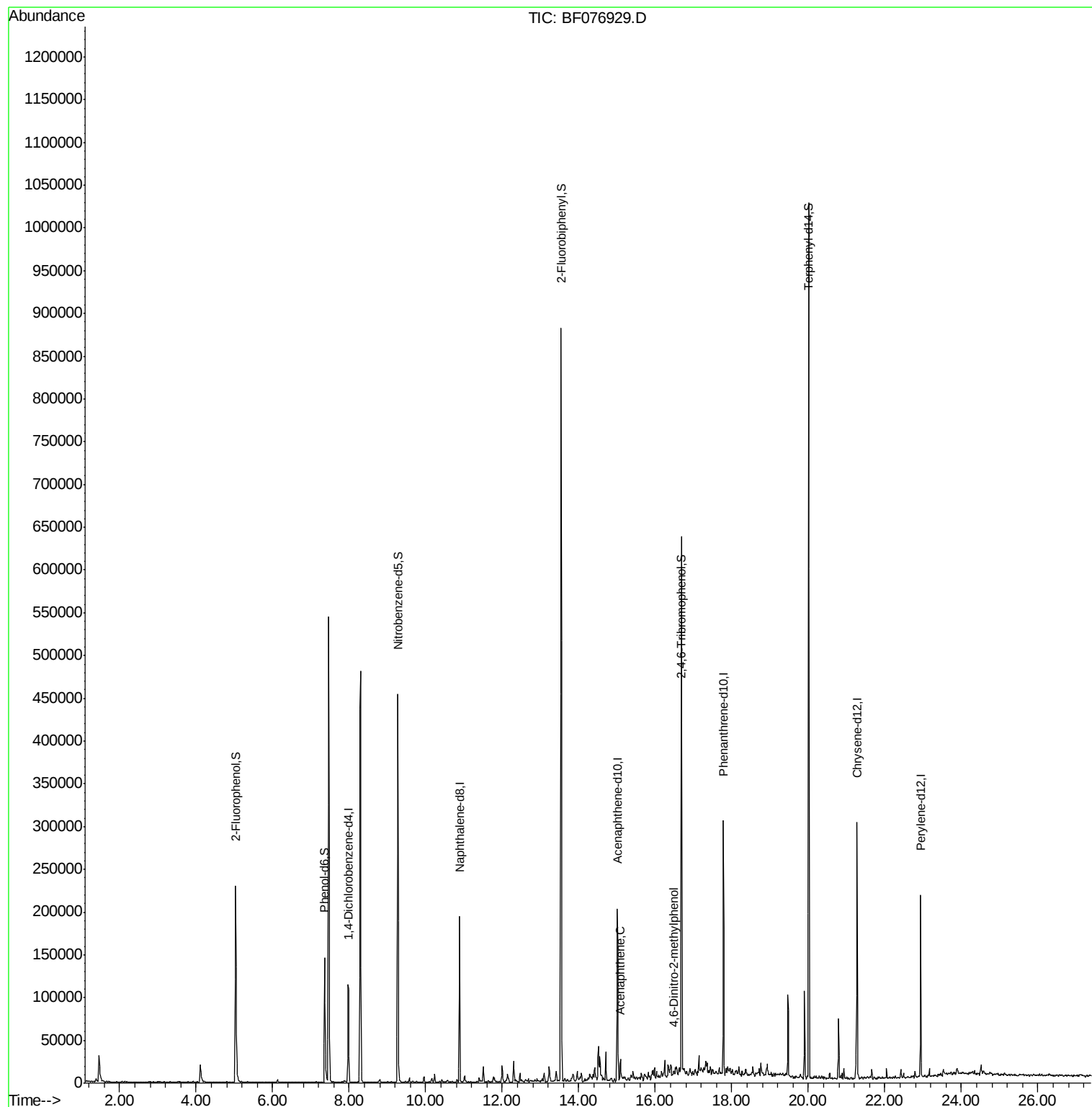
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	32844	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	142528	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	79029	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	132389	20.00	ng	0.00
75) Chrysene-d12	21.27	240	118010	20.00	ng	0.00
86) Perylene-d12	22.93	264	107002	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	117809	58.97	ng	0.00
7) Phenol-d6	7.36	99	84833	33.66	ng	-0.01
23) Nitrobenzene-d5	9.27	82	228594	88.86	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	85818	133.78	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	465187	89.58	ng	0.00
78) Terphenyl-d14	20.00	244	408989	79.79	ng	0.00
Target Compounds						
51) Acenaphthene	15.09	154	9447	2.05	ng	Qvalue 88
64) 4,6-Dinitro-2-methylphenol	16.48	198	778	4.16	ng	# 32

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

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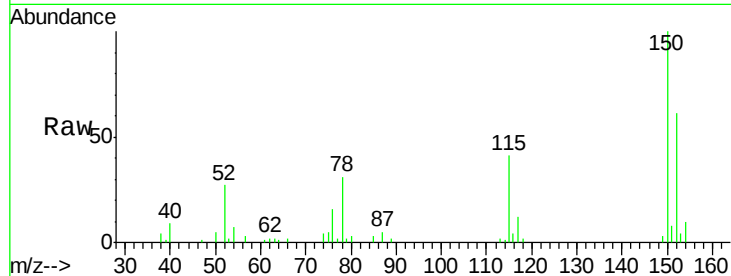


#1

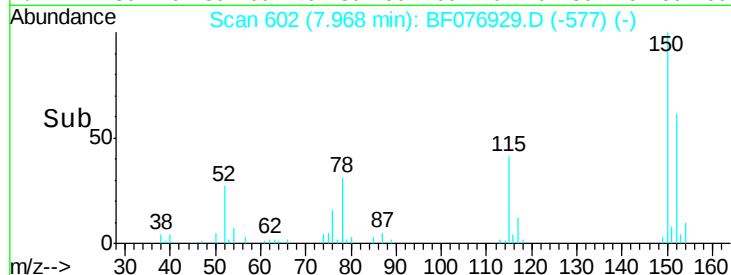
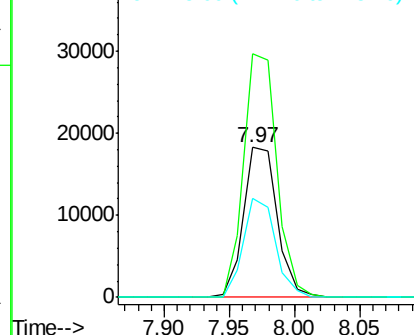
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076929.D
Acq: 19 Jan 2015 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 32844
Ion Ratio Lower Upper
152 100
150 162.7 121.7 182.5
115 66.3 47.0 70.6



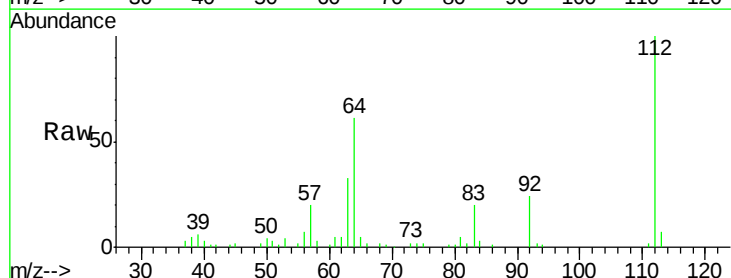
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



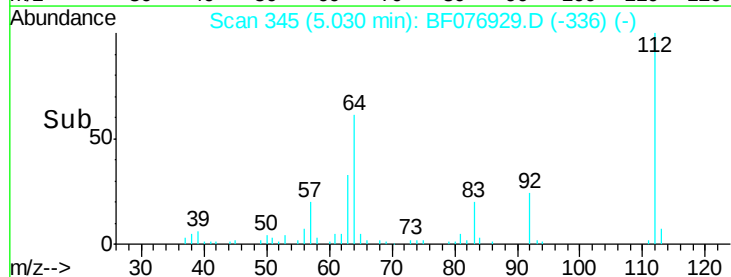
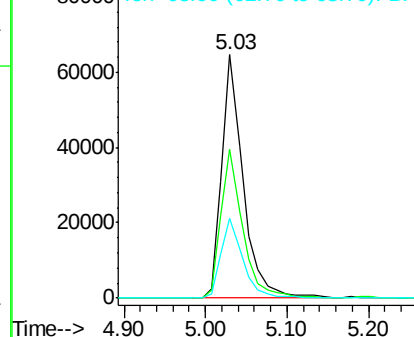
#5

2-Fluorophenol
Concen: 58.97 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076929.D
Acq: 19 Jan 2015 14:48

Tgt Ion:112 Resp: 117809
Ion Ratio Lower Upper
112 100
64 61.1 54.2 81.4
63 32.6 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: 33.66 ng

RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076929.D

Acq: 19 Jan 2015 14:48

Instrument :

BNA_F

ClientSampleId :

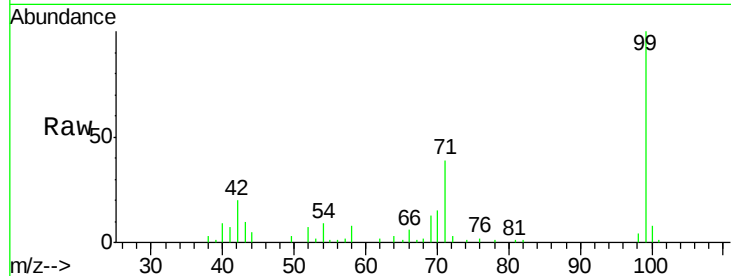
Tot Ion: 99 Resp: 84833

Ion Ratio Lower Upper

99 100

42 20.0 15.0 22.4

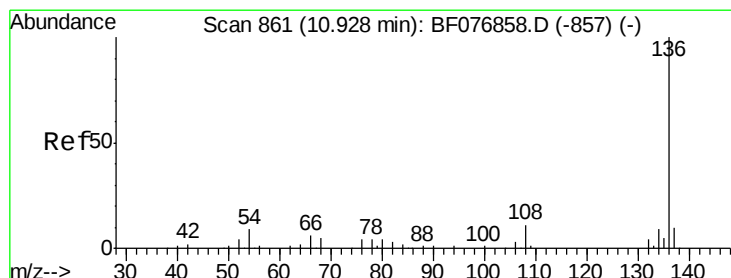
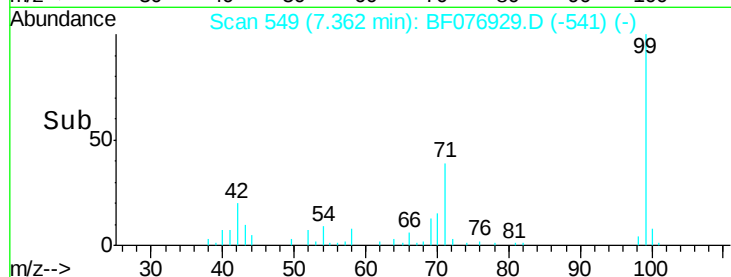
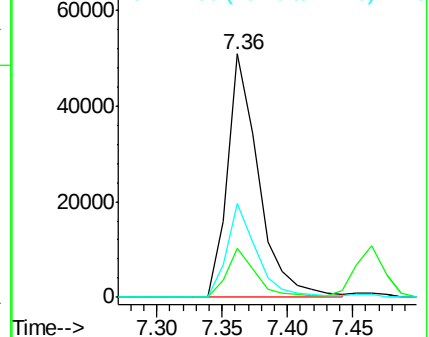
71 38.6 30.5 45.7



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: BF076929.D

Acq: 19 Jan 2015 14:48

Tgt Ion: 136 Resp: 142528

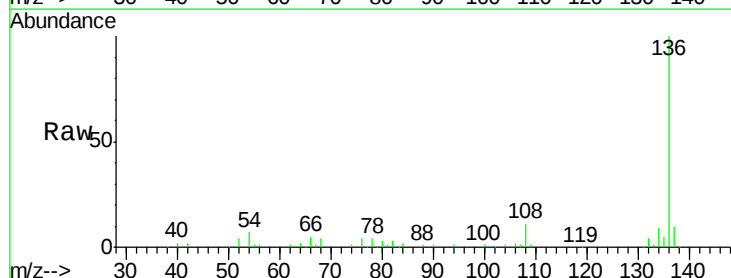
Ion Ratio Lower Upper

136 100

137 9.8 8.1 12.1

54 7.0 7.0 10.4

68 4.1 3.7 5.5

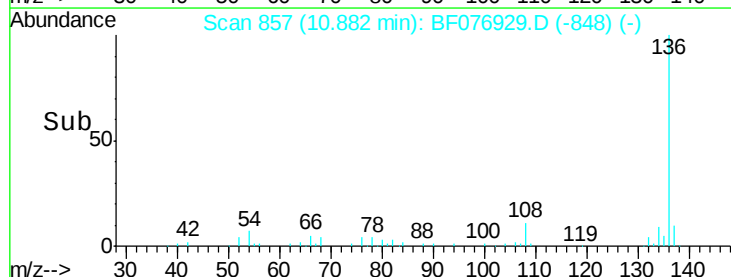
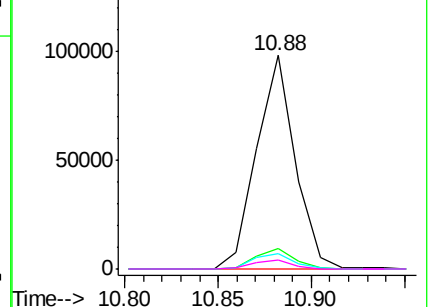


Abundance Ion 136.00 (135.70 to 136.70): E

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

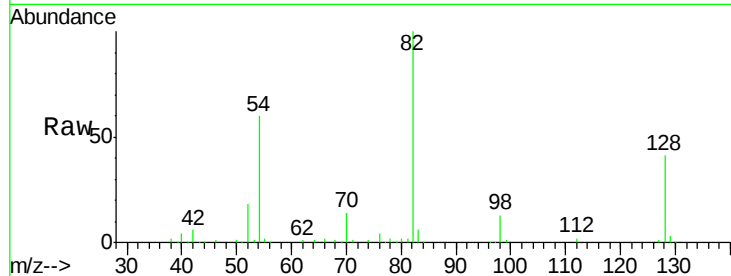




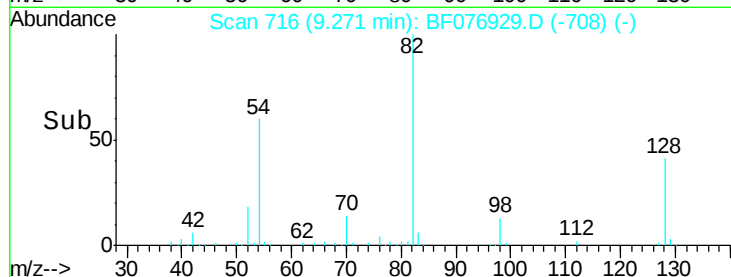
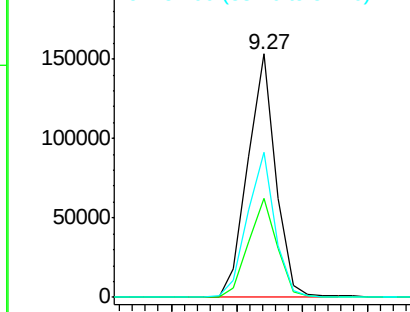
#23
 Nitrobenzene-d5
 Concen: 88.86 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076929.D
 Acq: 19 Jan 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	228594
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.1	49.7
54	59.7	48.3	72.5

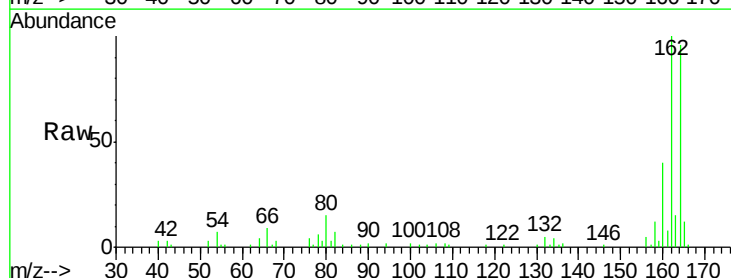


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

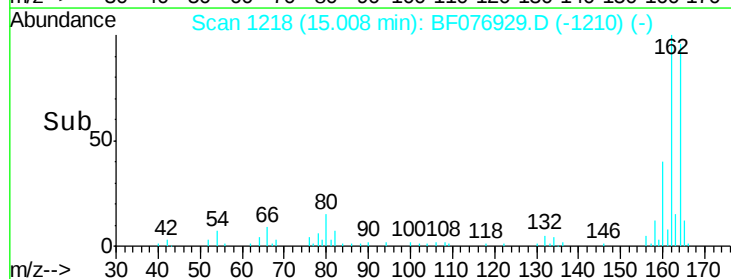
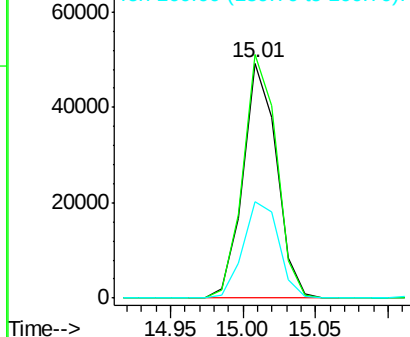


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF076929.D
 Acq: 19 Jan 2015 14:48

Tgt Ion	164	Resp	79029
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.4	123.6
160	41.2	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

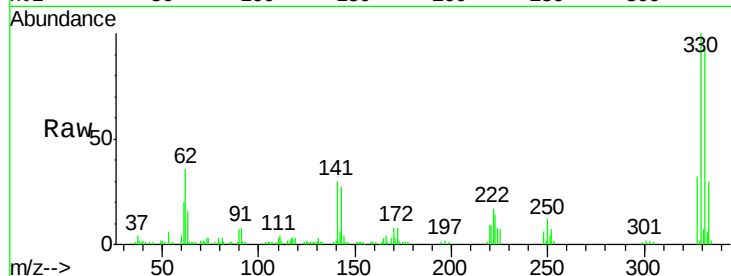




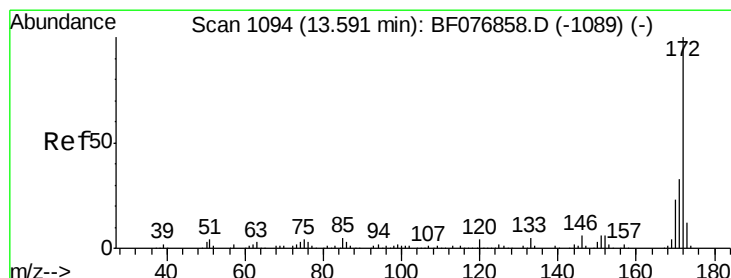
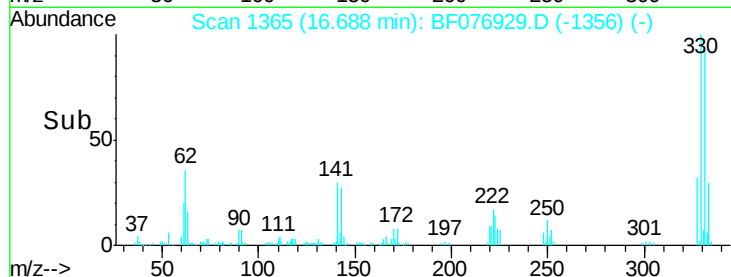
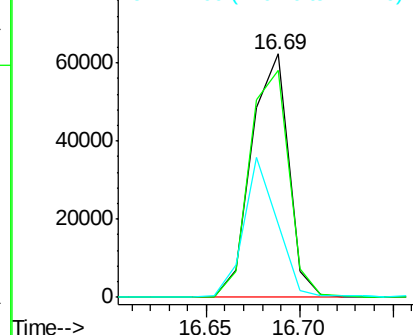
#41
 2,4,6-Tribromophenol
 Concen: 133.78 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF076929.D
 Acq: 19 Jan 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.8	116.6
141	52.4	38.5	57.7

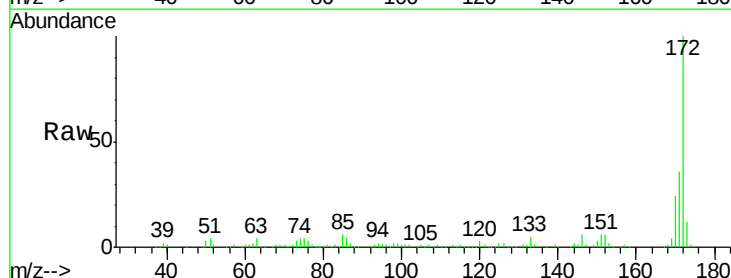


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

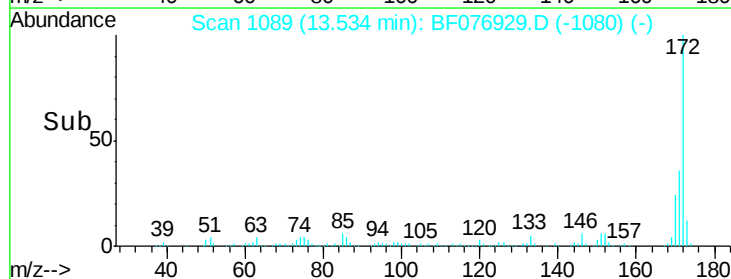
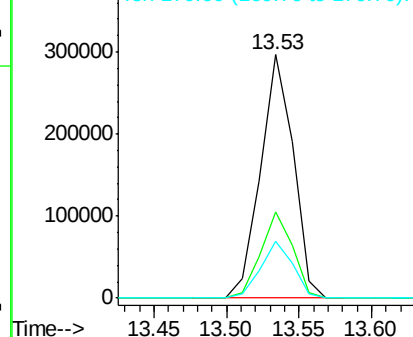


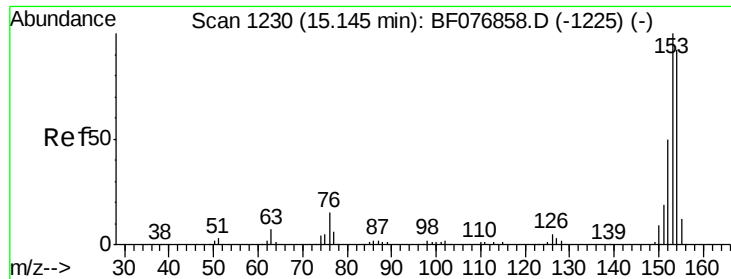
#44
 2-Fluorobiphenyl
 Concen: 89.58 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076929.D
 Acq: 19 Jan 2015 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.6	40.0
170	23.5	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





#51

Acenaphthene

Concen: 2.05 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF076929.D

Acq: 19 Jan 2015 14:48

Instrument :

BNA_F

ClientSampleId :

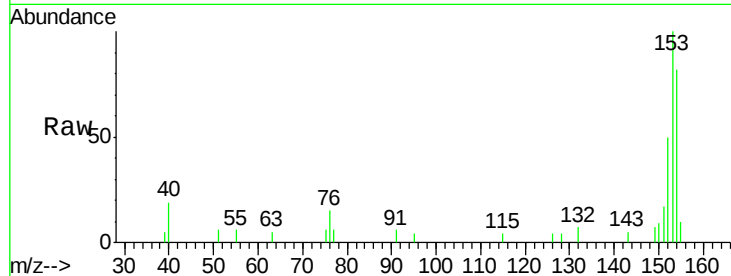
Tot Ion:154 Resp: 9447

Ion Ratio Lower Upper

154 100

153 122.3 87.0 130.6

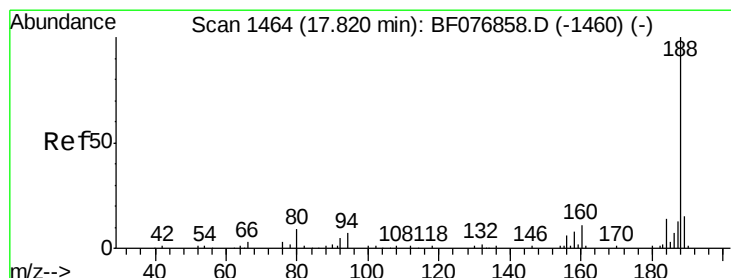
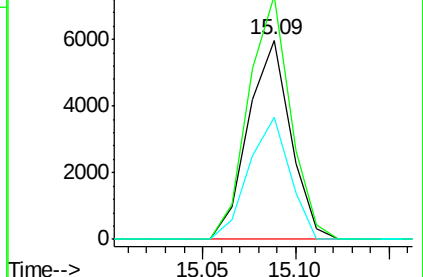
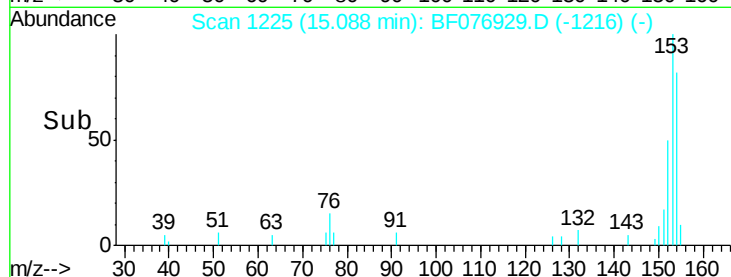
152 61.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.77 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF076929.D

Acq: 19 Jan 2015 14:48

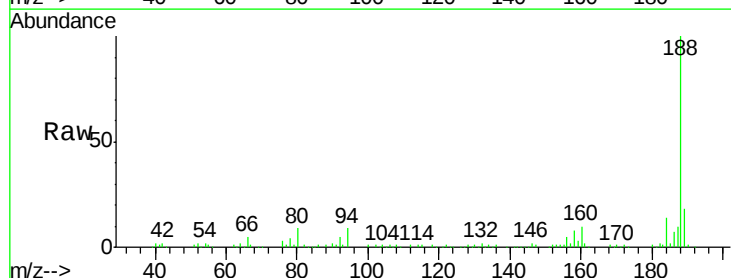
Tgt Ion:188 Resp: 132389

Ion Ratio Lower Upper

188 100

94 9.3 6.0 9.0#

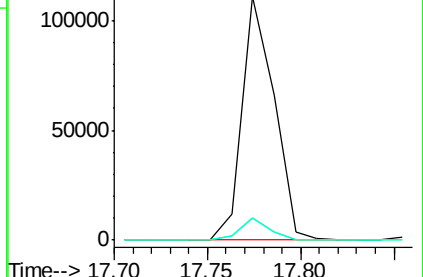
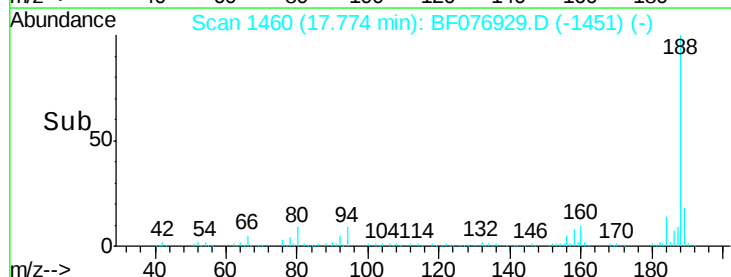
80 9.4 6.9 10.3

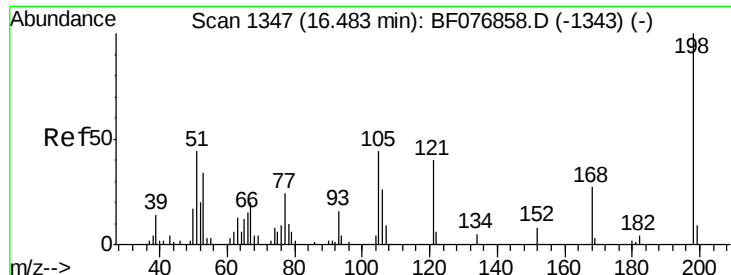


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

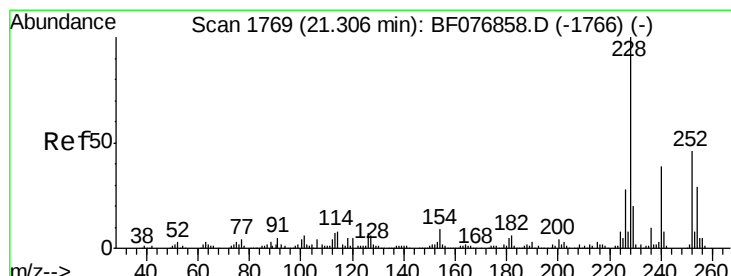
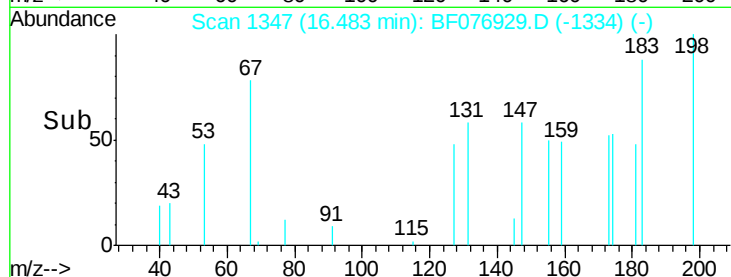
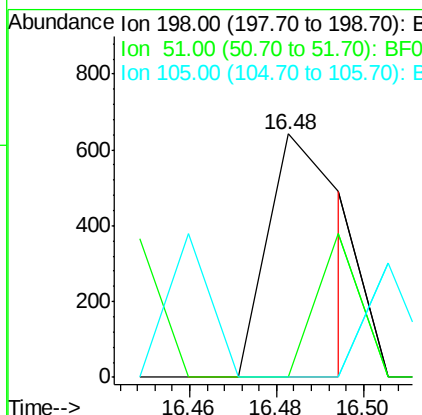
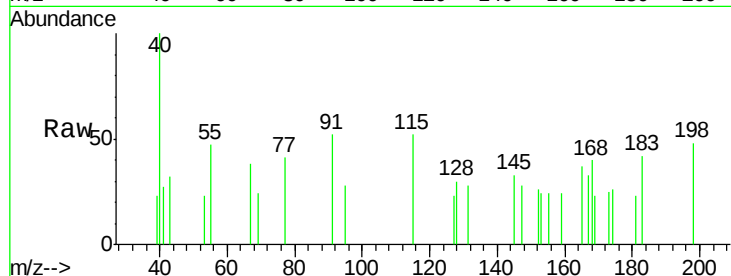




#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.16 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.05 min
 Lab File: BF076929.D
 Acq: 19 Jan 2015 14:48

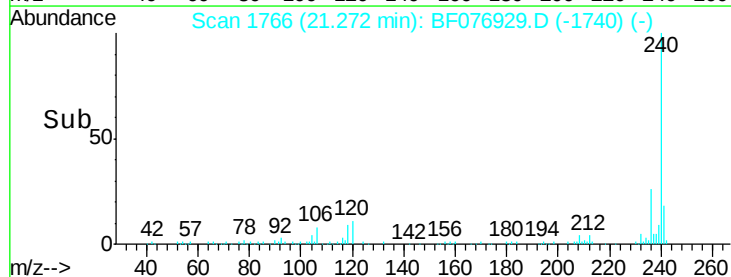
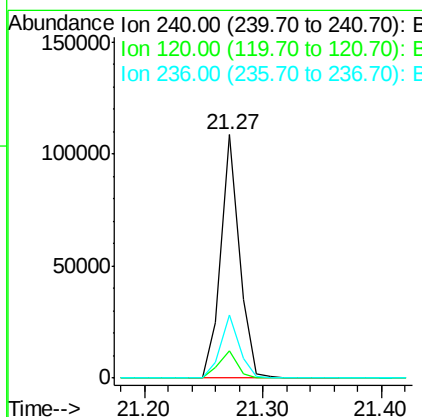
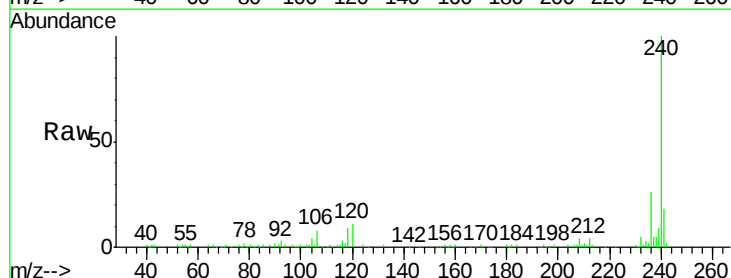
Instrument :
 BNA_F
 ClientSampled :

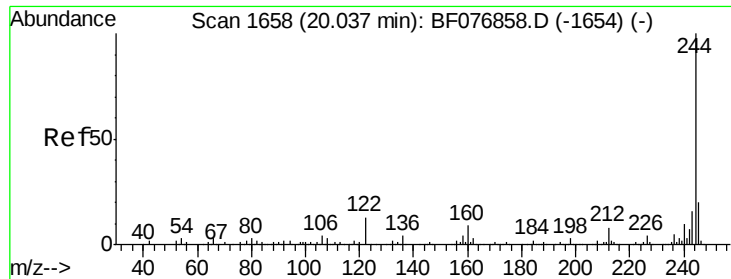
Tot Ion:198 Resp: 778
 Ion Ratio Lower Upper
 198 100
 51 0.0 24.2 64.2#
 105 0.0 24.0 64.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076929.D
 Acq: 19 Jan 2015 14:48

Tgt Ion:240 Resp: 118010
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.4 15.6
 236 26.1 20.2 30.2

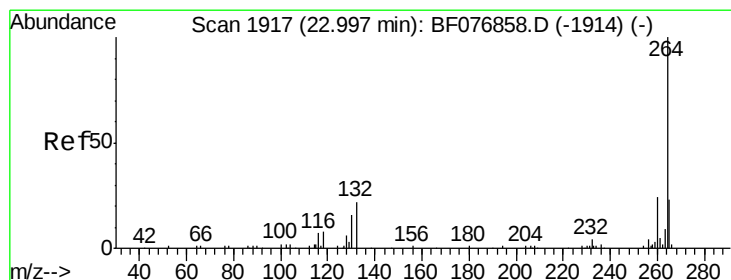
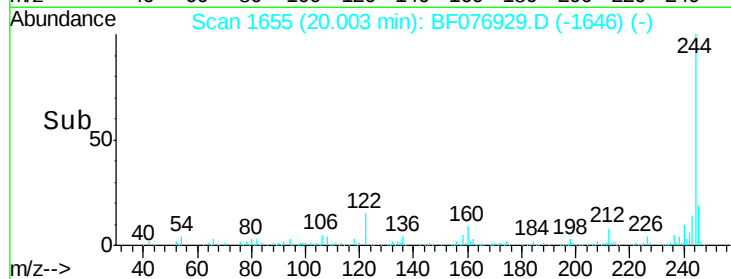
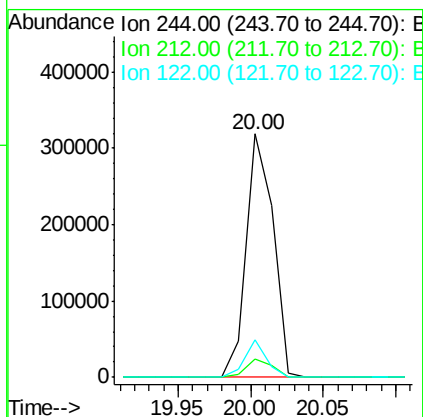
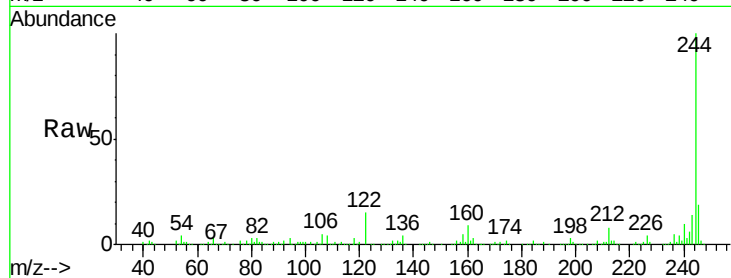




#78
 Terphenyl-d14
 Concen: 79.79 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076929.D
 Acq: 19 Jan 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 408989
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 15.2 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.93 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF076929.D
 Acq: 19 Jan 2015 14:48

Tgt Ion:264 Resp: 107002
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.4 18.1 27.1

