

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078810.D
 Acq On : 29 Apr 2015 13:43
 Operator : TP/IZ
 Sample : G2009-02DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 29 14:36:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

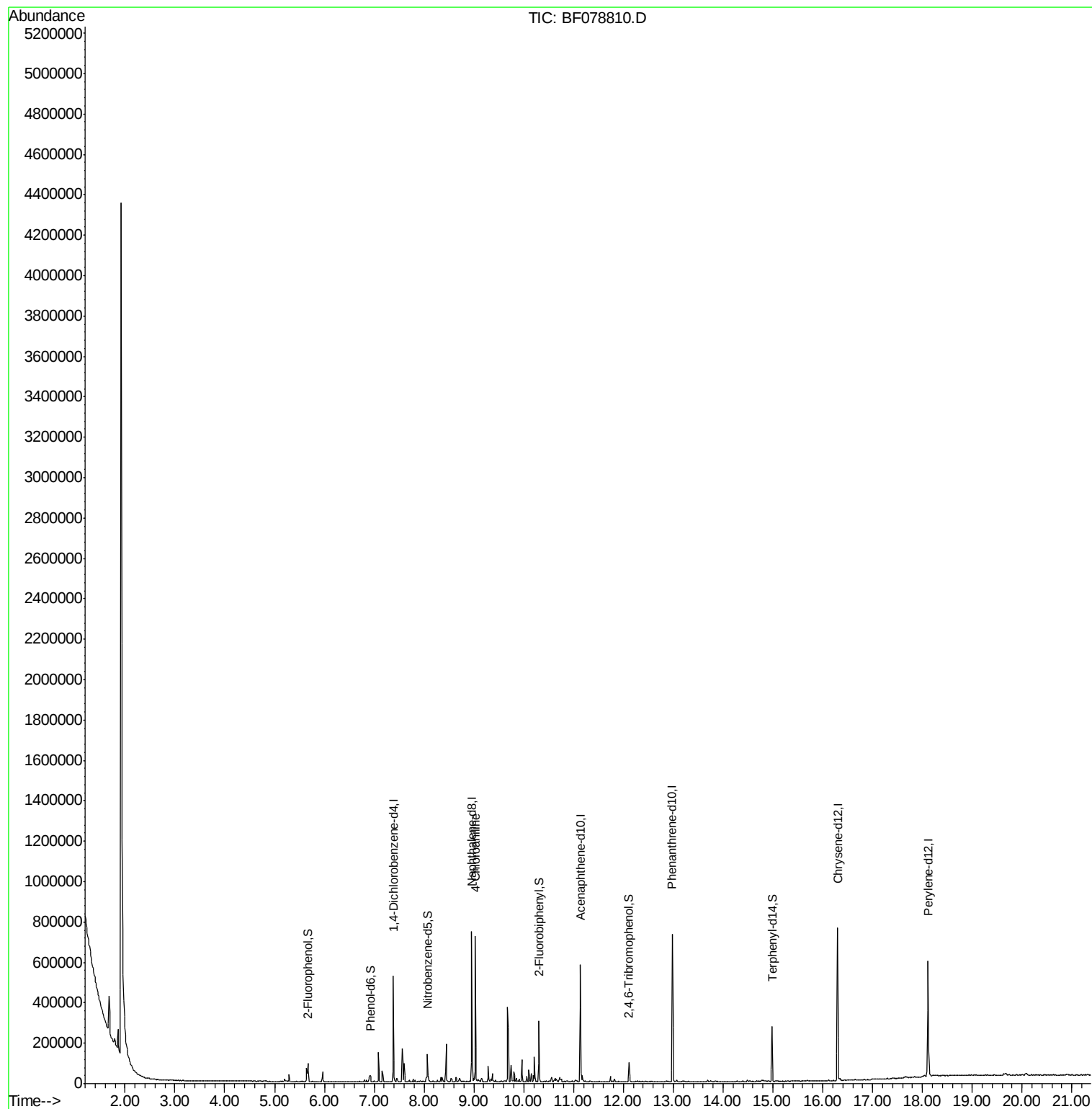
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	74729	20.00	ng	-0.01
21) Naphthalene-d8	8.96	136	317061	20.00	ng	-0.01
38) Acenaphthene-d10	11.14	164	142626	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	286185	20.00	ng	-0.01
75) Chrysene-d12	16.30	240	284800	20.00	ng	-0.01
86) Perylene-d12	18.11	264	279145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	18780	4.62	ng	-0.01
7) Phenol-d6	6.92	99	14685	2.70	ng	-0.01
23) Nitrobenzene-d5	8.07	82	38326	8.70	ng	-0.01
41) 2,4,6-Tribromophenol	12.11	330	12634	13.81	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	95507	9.17	ng	-0.01
78) Terphenyl-d14	14.98	244	92506	7.74	ng	-0.01
Target Compounds						
33) 4-Chloroaniline	9.03	127	192285	30.36	ng	Qvalue 97

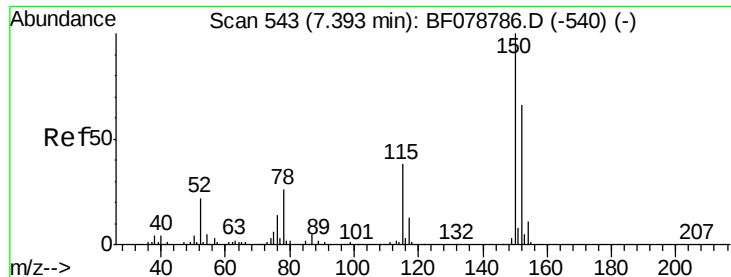
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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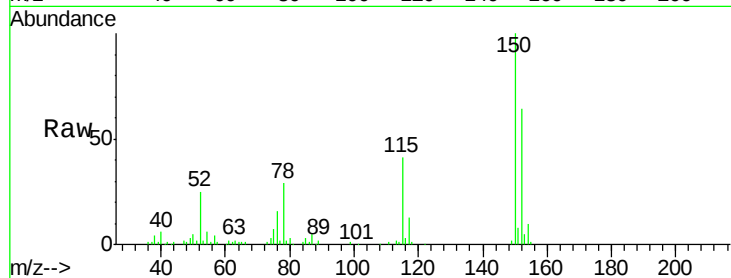


#1

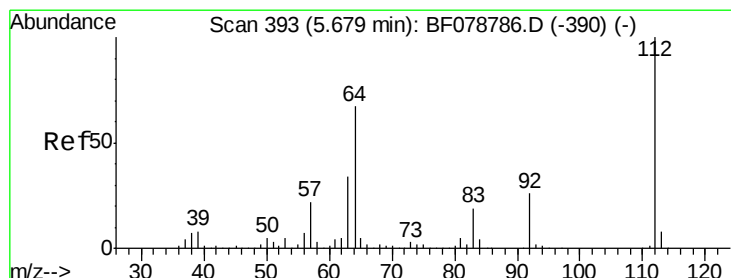
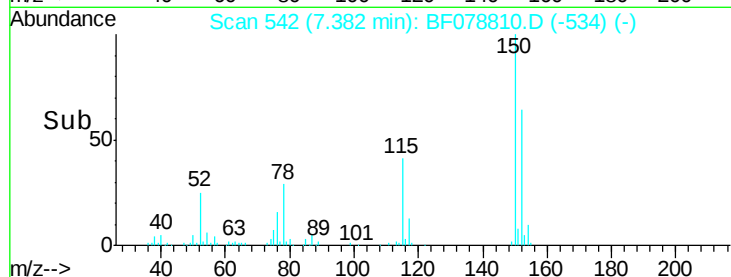
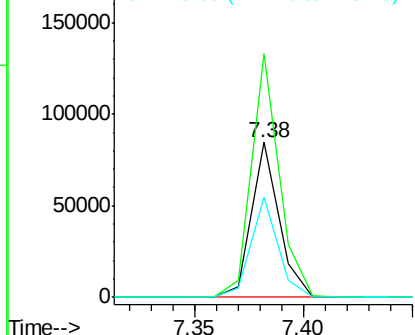
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF078810.D
Acq: 29 Apr 2015 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74729
Ion Ratio Lower Upper
152 100
150 157.3 122.0 183.0
115 64.6 46.3 69.5



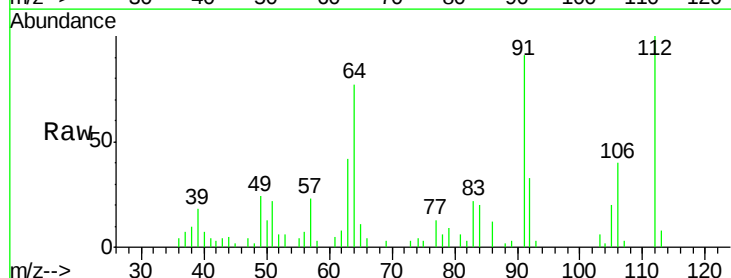
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



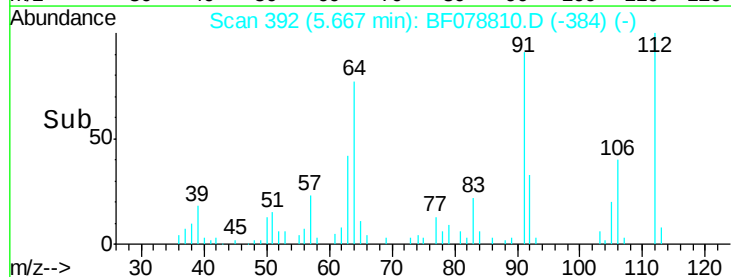
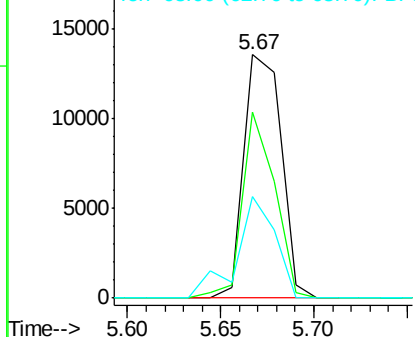
#5

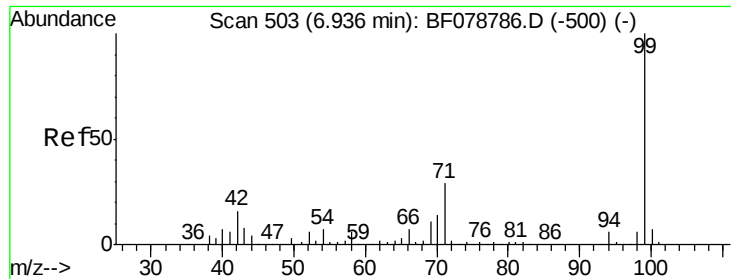
2-Fluorophenol
Concen: 4.62 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF078810.D
Acq: 29 Apr 2015 13:43

Tgt Ion:112 Resp: 18780
Ion Ratio Lower Upper
112 100
64 76.6 53.5 80.3
63 42.0 27.5 41.3#



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: 2.70 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078810.D

Acq: 29 Apr 2015 13:43

Instrument :

BNA_F

ClientSampled :

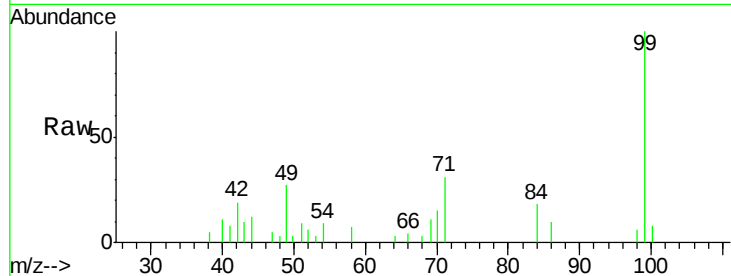
Tot Ion: 99 Resp: 14685

Ion Ratio Lower Upper

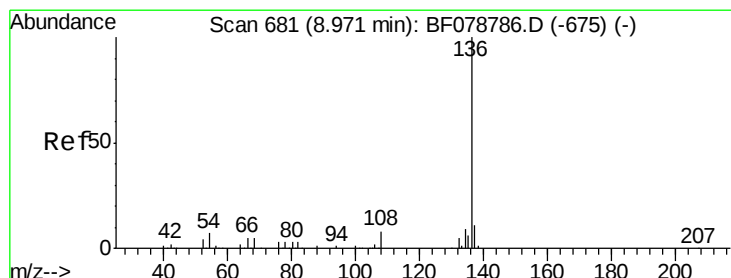
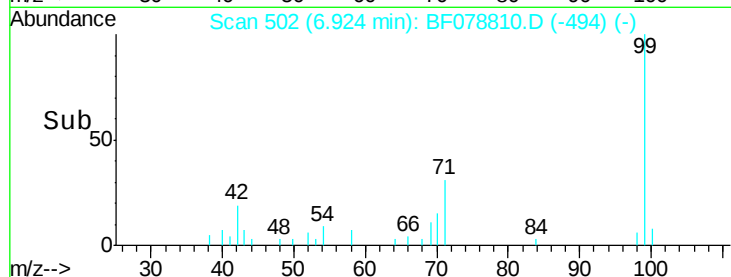
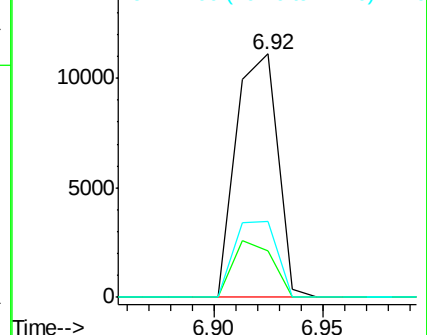
99 100

42 19.2 12.8 19.2#

71 31.1 23.4 35.2



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: 8.96 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF078810.D

Acq: 29 Apr 2015 13:43

Tgt Ion: 136 Resp: 317061

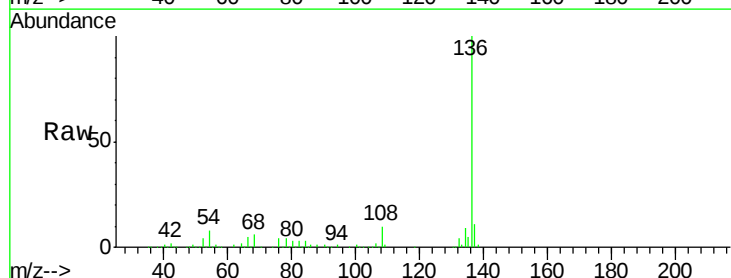
Ion Ratio Lower Upper

136 100

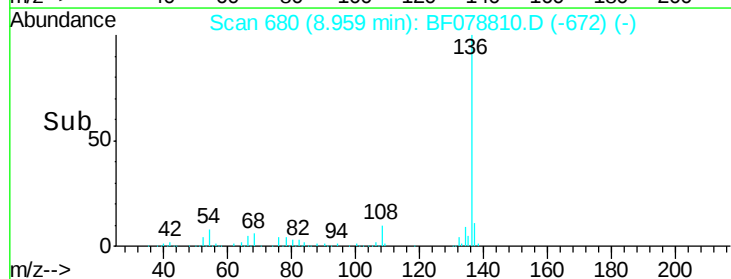
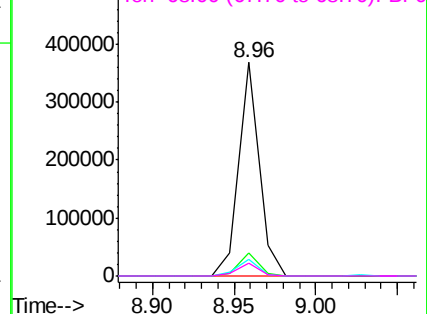
137 10.8 8.7 13.1

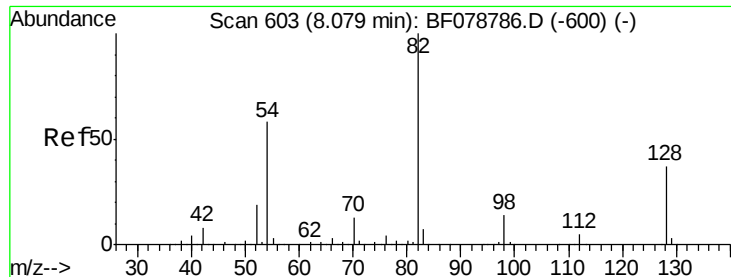
54 8.1 5.8 8.8

68 5.8 4.2 6.4



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

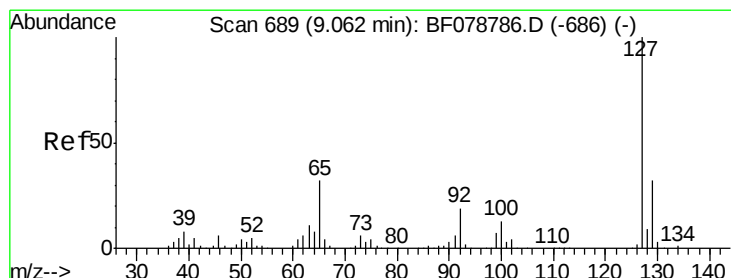
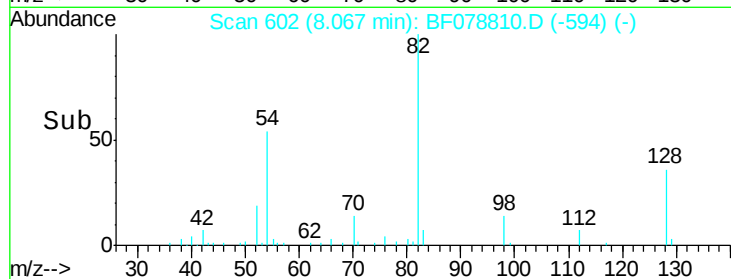
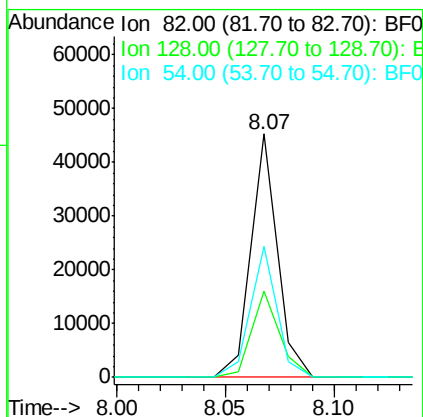
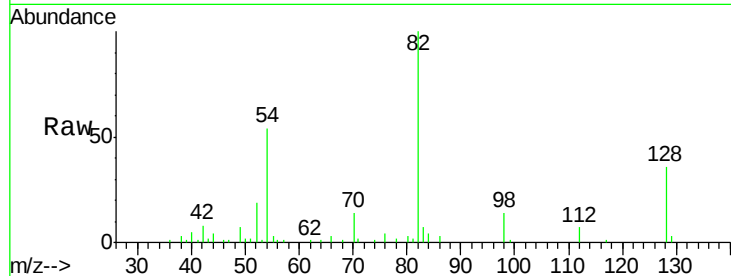




#23
Nitrobenzene-d5
Concen: 8.70 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078810.D
Acq: 29 Apr 2015 13:43

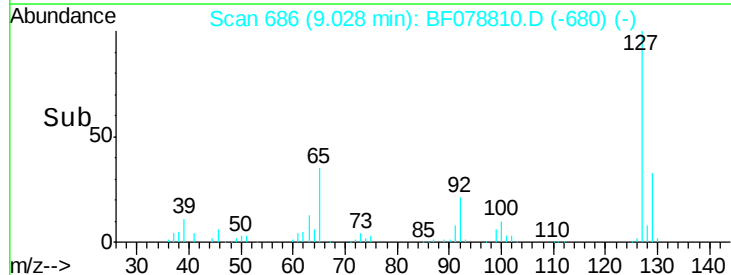
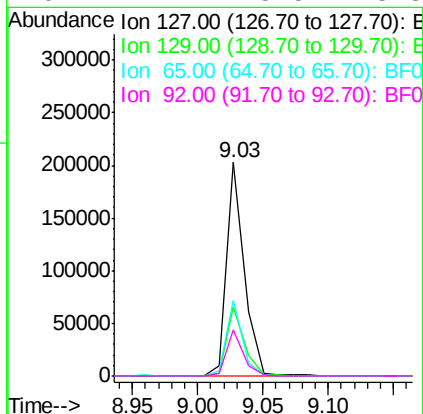
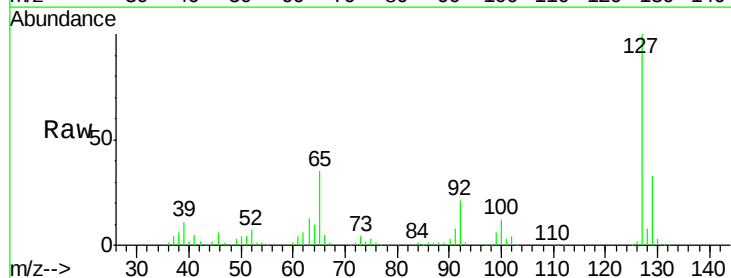
Instrument :
BNA_F
ClientSampled :

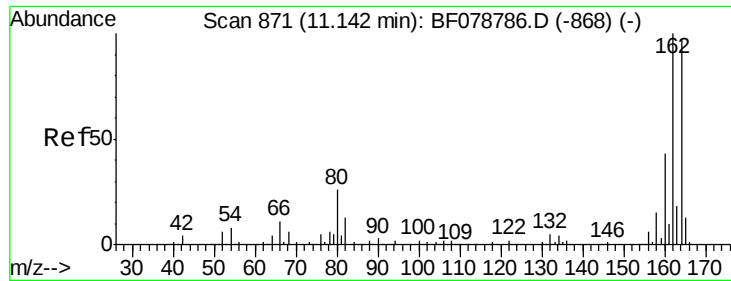
Tot Ion	82	Resp	38326
Ion Ratio	Lower	Upper	
82	100		
128	35.5	30.0	45.0
54	53.7	46.4	69.6



#33
4-Chloroaniline
Concen: 30.36 ng
RT: 9.03 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF078810.D
Acq: 29 Apr 2015 13:43

Tgt Ion	127	Resp	192285
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.8
65	35.4	25.8	38.6
92	21.4	15.5	23.3

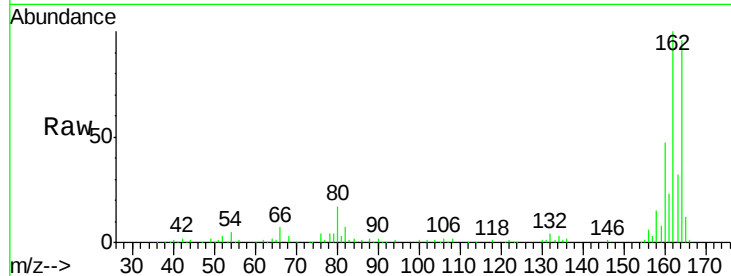




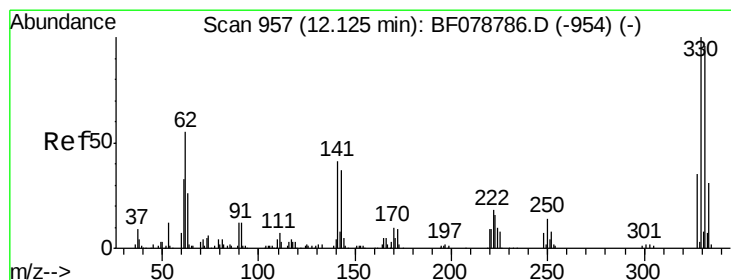
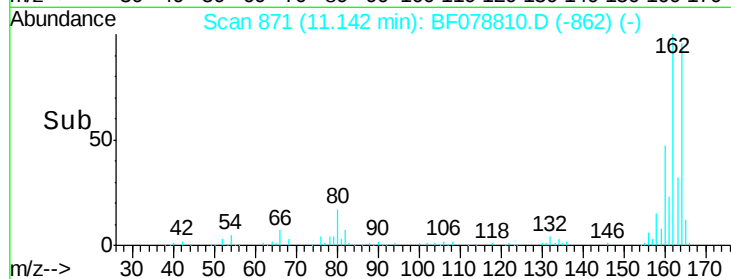
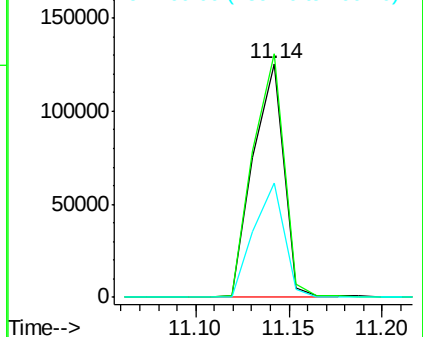
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078810.D
 Acq: 29 Apr 2015 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 142626
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.7 124.1
 160 49.1 35.8 53.8

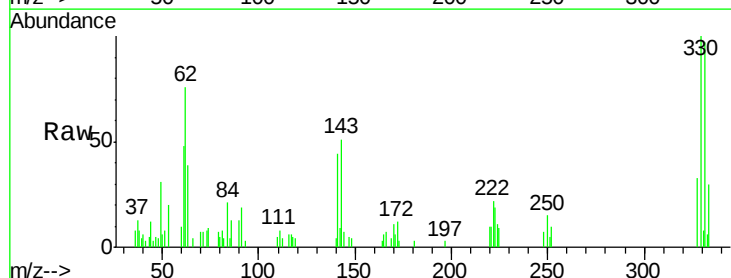


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

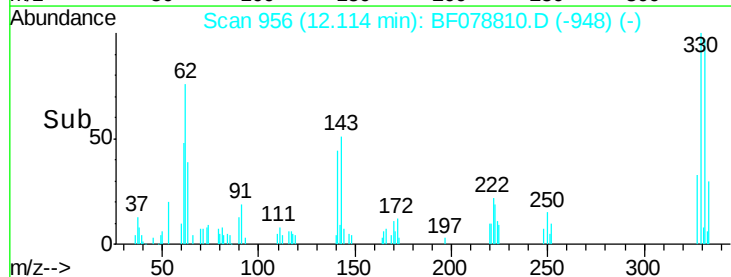
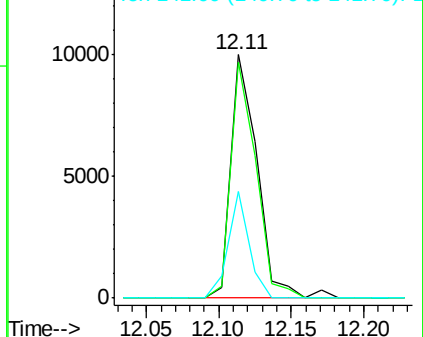


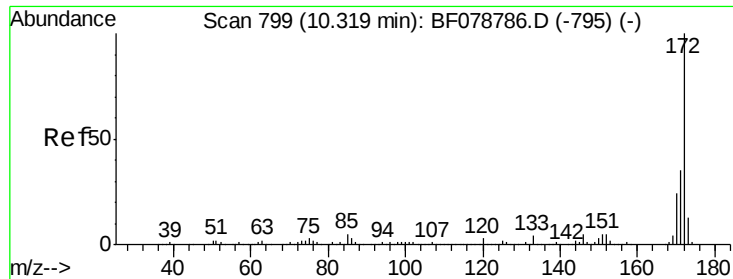
#41
 2,4,6-Tribromophenol
 Concen: 13.81 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078810.D
 Acq: 29 Apr 2015 13:43

Tgt Ion:330 Resp: 12634
 Ion Ratio Lower Upper
 330 100
 332 92.4 0.0 0.0#
 141 34.4 0.0 0.0#



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

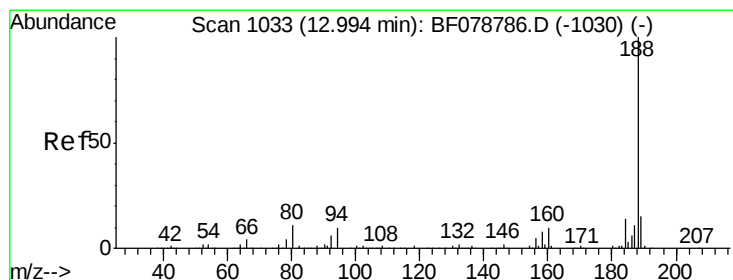
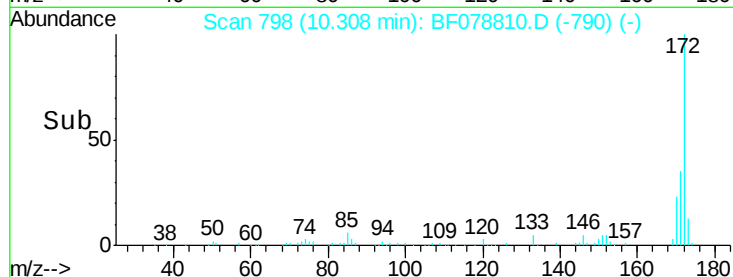
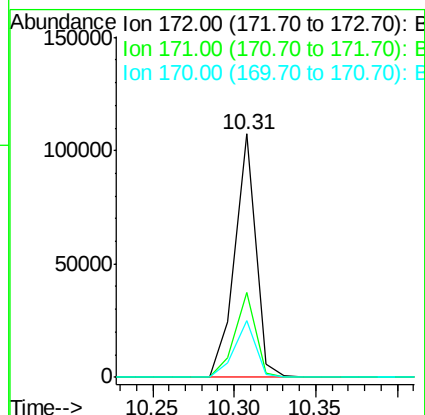
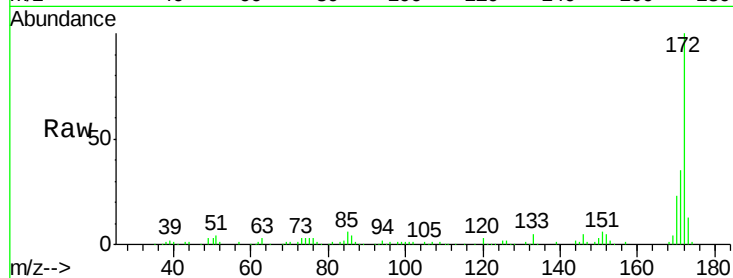




#44
 2-Fluorobiphenyl
 Concen: 9.17 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF078810.D
 Acq: 29 Apr 2015 13:43

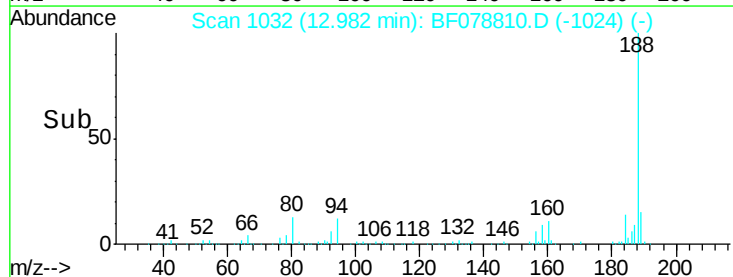
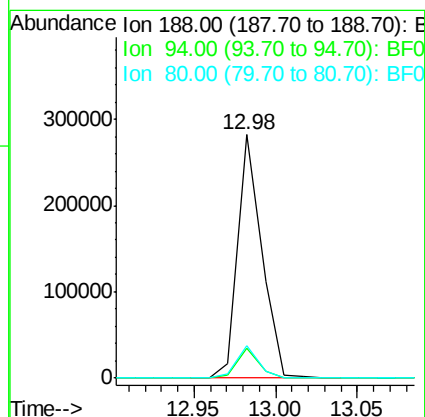
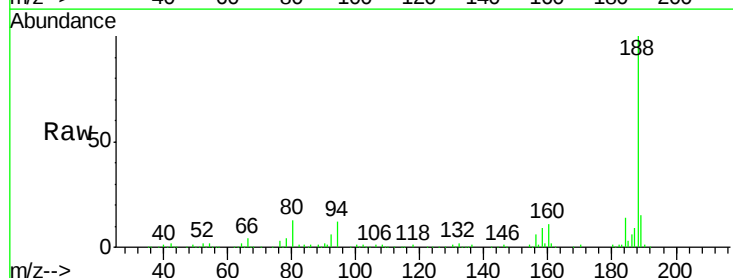
Instrument :
 BNA_F
 ClientSampleID :

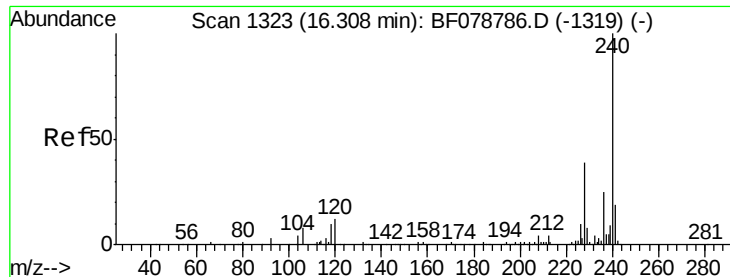
Tot Ion:172 Resp: 95507
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.9 41.9
 170 23.4 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF078810.D
 Acq: 29 Apr 2015 13:43

Tgt Ion:188 Resp: 286185
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.2 12.2
 80 13.4 8.9 13.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078810.D

Acq: 29 Apr 2015 13:43

Instrument :

BNA_F

ClientSampleId :

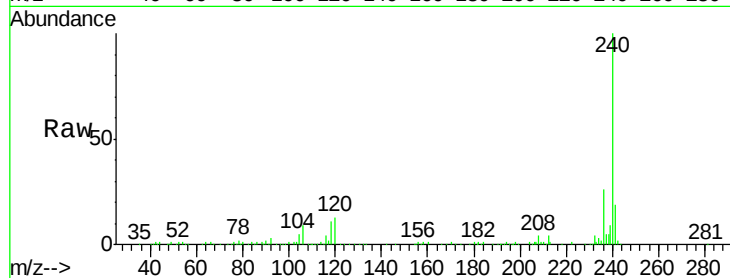
Tot Ion:240 Resp: 284800

Ion Ratio Lower Upper

240 100

120 13.1 9.7 14.5

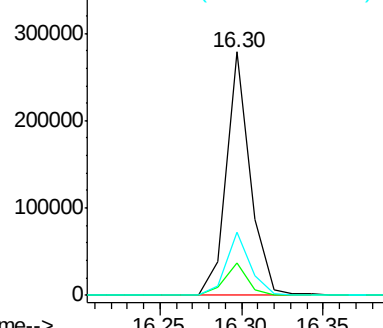
236 25.9 20.2 30.4



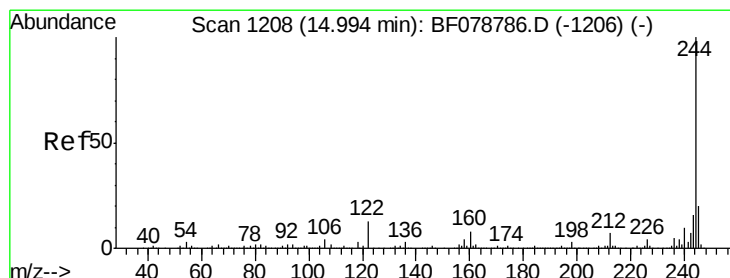
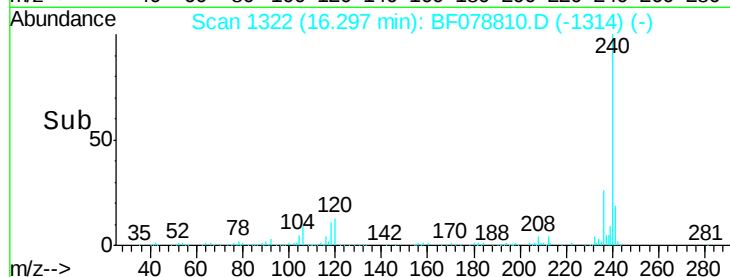
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 7.74 ng

RT: 14.98 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF078810.D

Acq: 29 Apr 2015 13:43

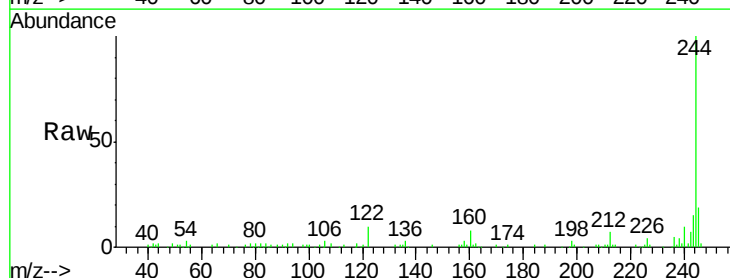
Tgt Ion:244 Resp: 92506

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

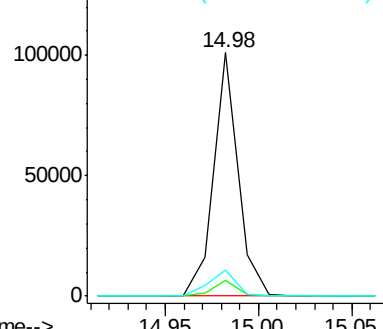
122 10.5 10.3 15.5



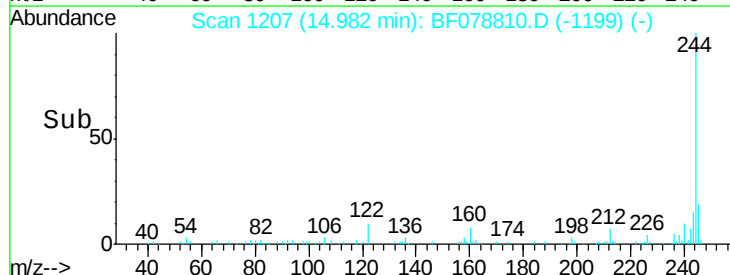
Abundance Ion 244.00 (243.70 to 244.70): E

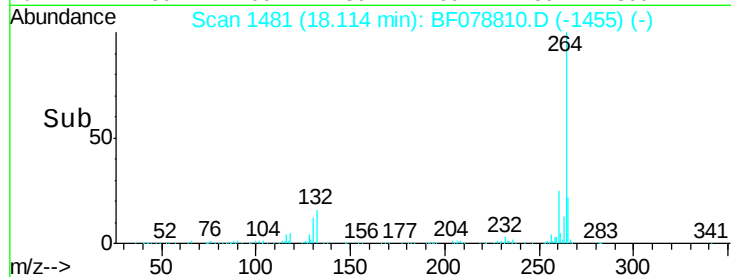
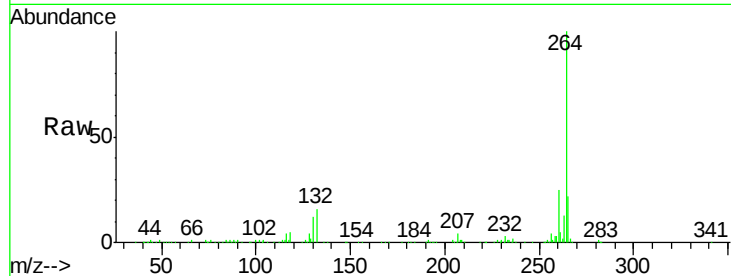
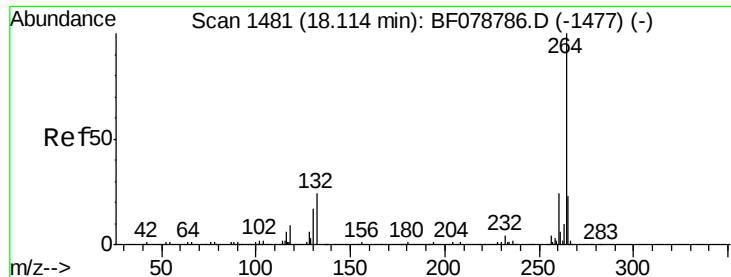
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.11 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF078810.D
Acq: 29 Apr 2015 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.2	18.3	27.5

