

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078608.D
 Acq On : 17 Apr 2015 16:34
 Operator : TP/IZ
 Sample : PB82843BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BL

Quant Time: Apr 17 23:42:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 23:28:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	48555	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	198760	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	98857	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	206048	20.00	ng	0.00
75) Chrysene-d12	15.46	240	234888	20.00	ng	0.00
86) Perylene-d12	17.18	264	237171	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	318170	108.04	ng	0.00
7) Phenol-d6	6.28	99	419645	113.70	ng	0.00
23) Nitrobenzene-d5	7.38	82	243878	74.37	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	110029	134.20	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	485315	70.17	ng	0.00
78) Terphenyl-d14	14.21	244	667557	64.22	ng	0.00

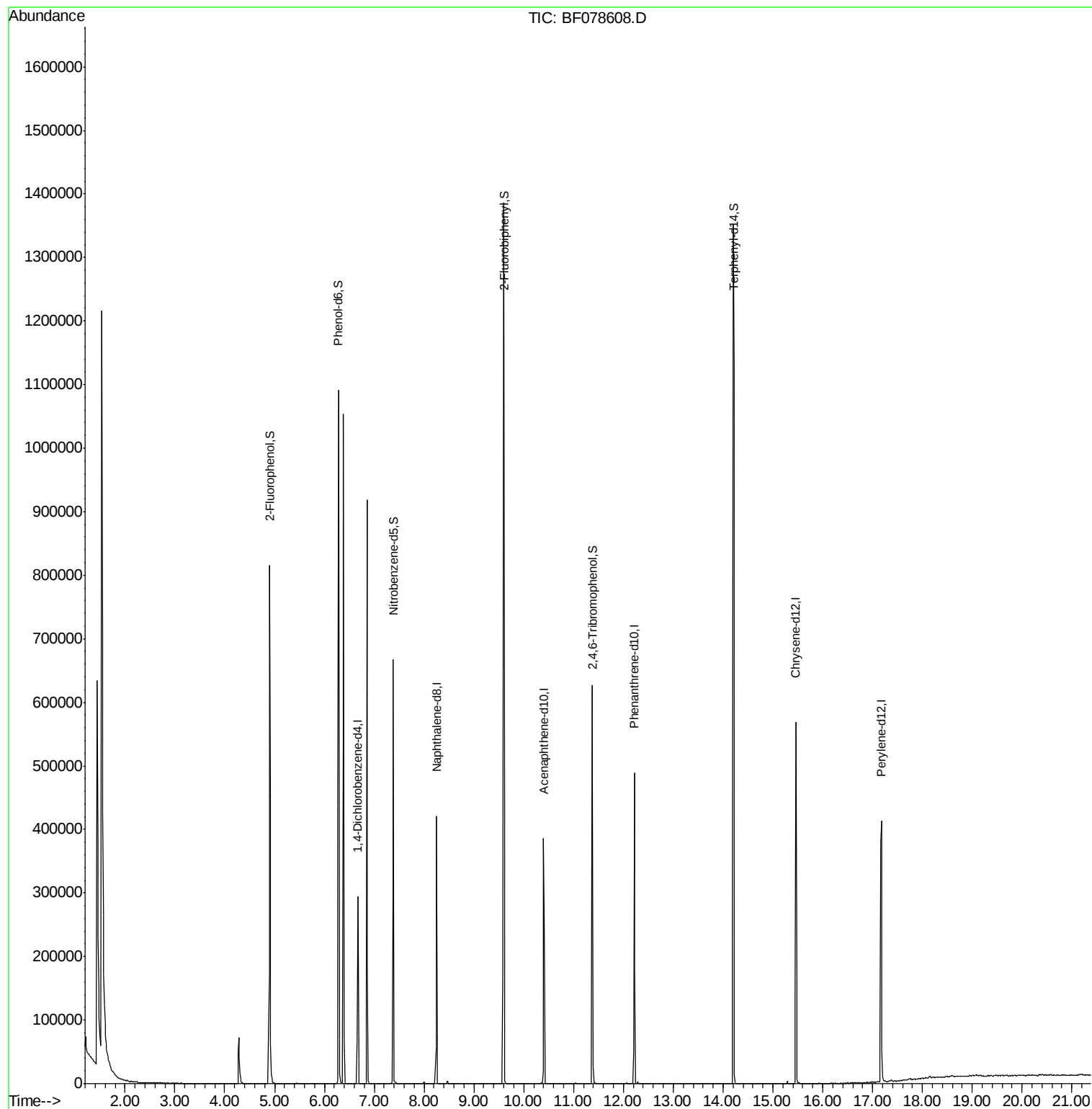
Target Compounds	Qvalue
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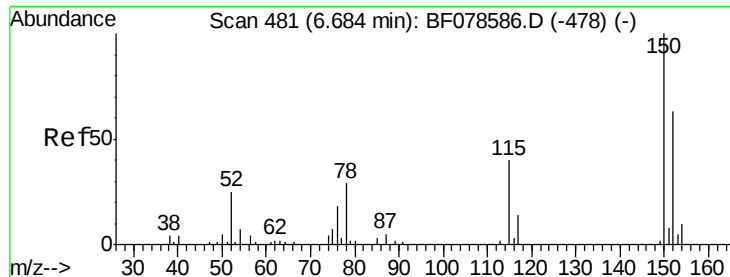
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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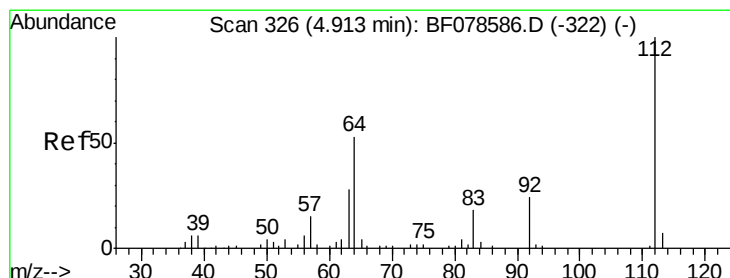
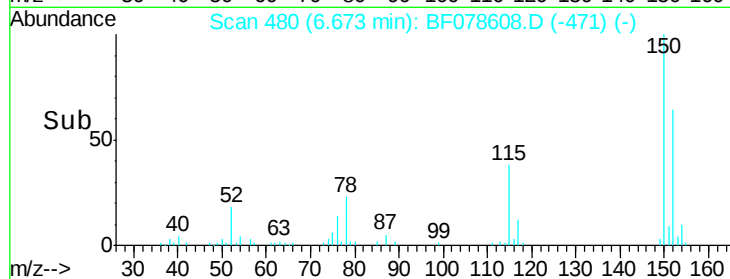
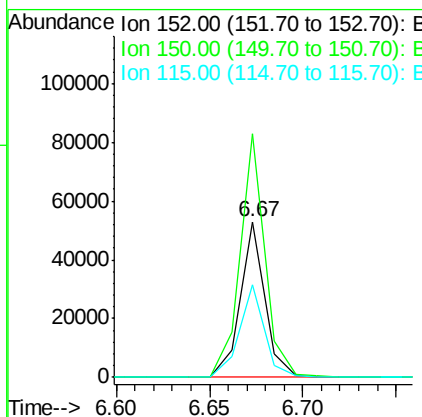
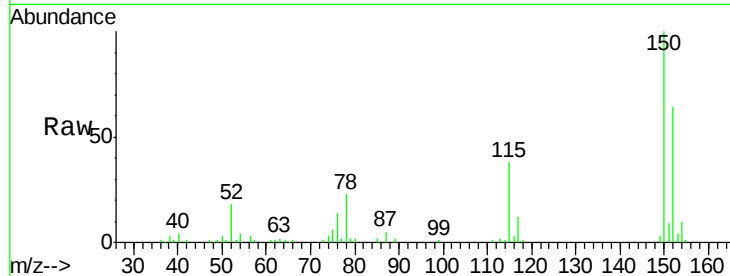




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF078608.D
 Acq: 17 Apr 2015 16:34

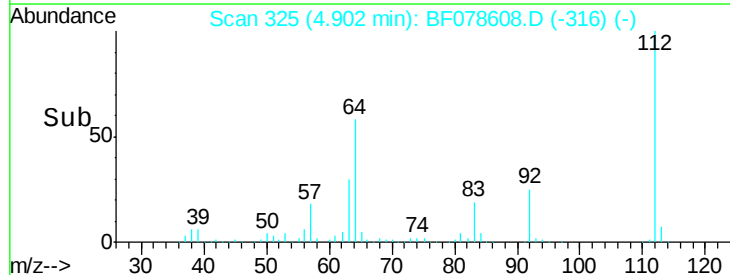
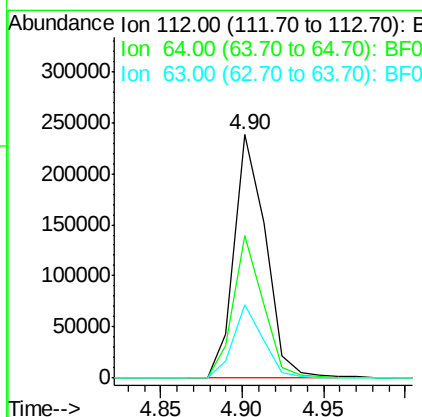
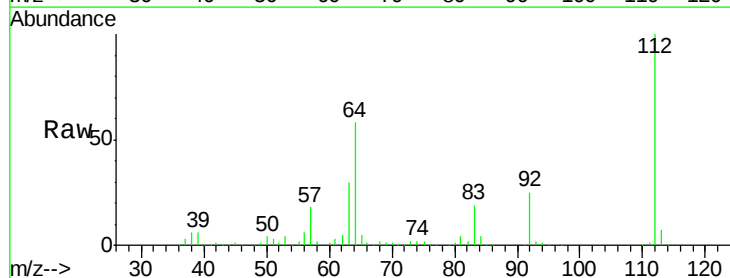
Instrument :
 BNA_F
 ClientSampleId :
 PB82843BL

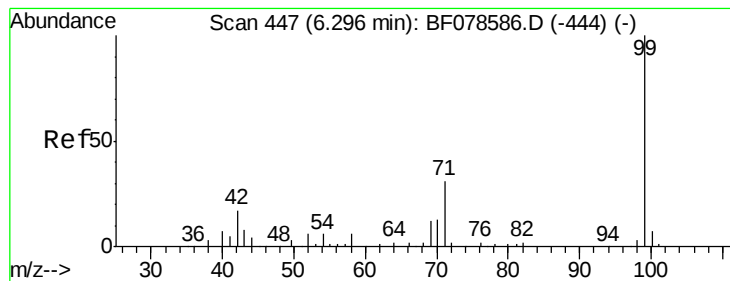
Tgt Ion:152 Resp: 48555
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.9 188.9
 115 59.3 52.7 79.1



#5
 2-Fluorophenol
 Concen: 108.04 ng
 RT: 4.90 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: BF078608.D
 Acq: 17 Apr 2015 16:34

Tgt Ion:112 Resp: 318170
 Ion Ratio Lower Upper
 112 100
 64 58.3 39.9 59.9
 63 30.2 20.2 30.4





#7

Phenol-d6

Concen: 113.70 ng

RT: 6.28 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF078608.D

Acq: 17 Apr 2015 16:34

Instrument :

BNA_F

ClientSampled :

PB82843BL

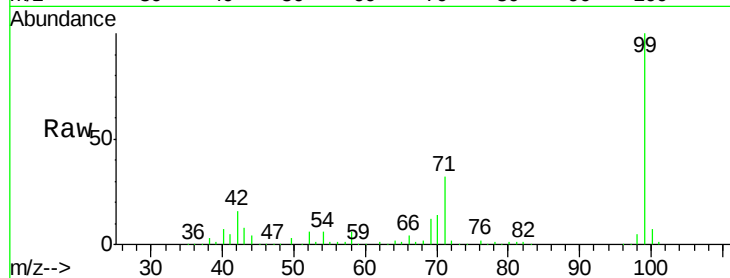
Tgt Ion: 99 Resp: 419645

Ion Ratio Lower Upper

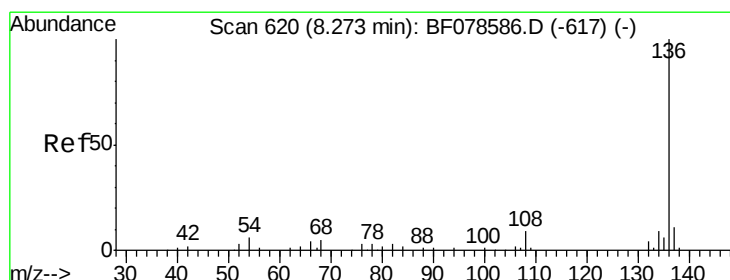
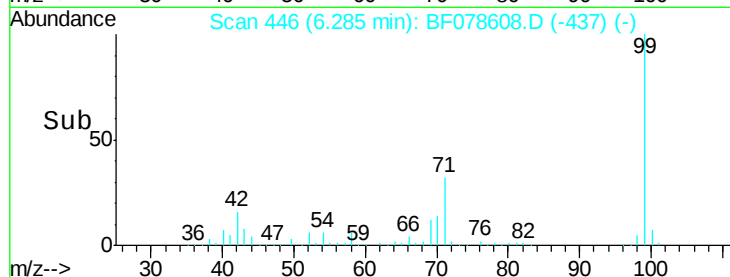
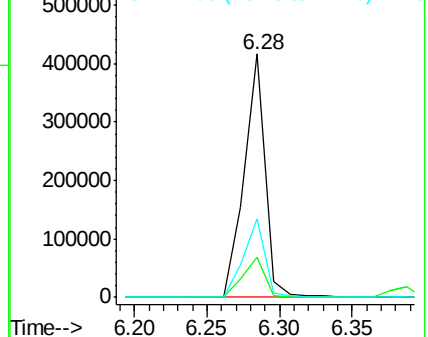
99 100

42 16.4 14.8 22.2

71 32.4 26.6 39.8



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: 8.25 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF078608.D

Acq: 17 Apr 2015 16:34

Tgt Ion: 136 Resp: 198760

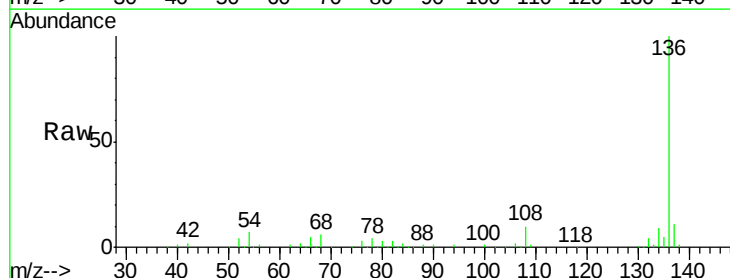
Ion Ratio Lower Upper

136 100

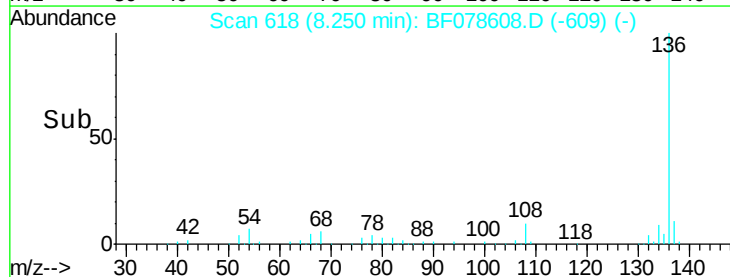
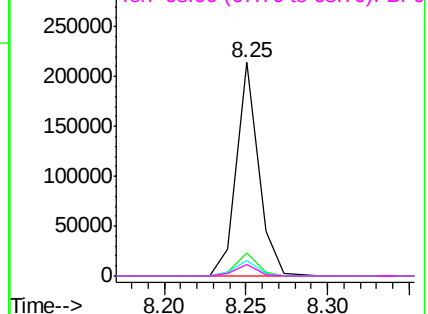
137 10.8 9.0 13.4

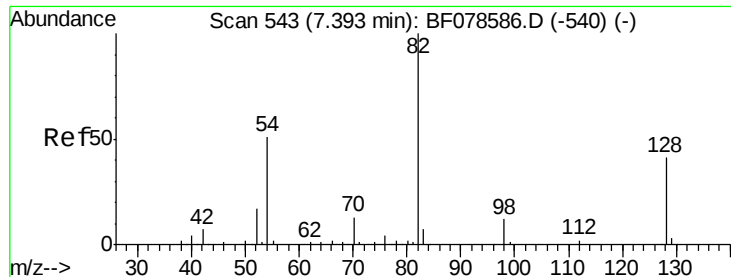
54 7.1 7.0 10.6

68 5.5 5.4 8.2



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: 74.37 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078608.D

Acq: 17 Apr 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB82843BL

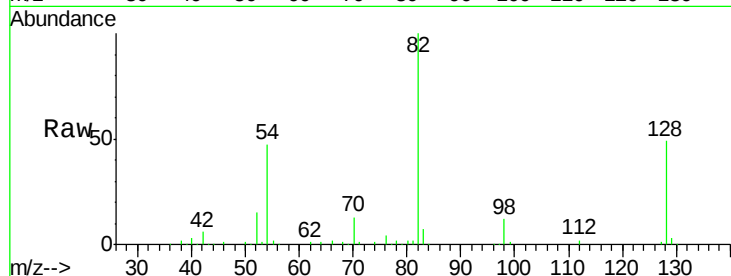
Tgt Ion: 82 Resp: 243878

Ion Ratio Lower Upper

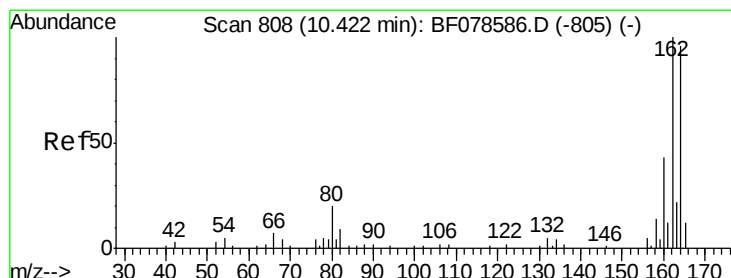
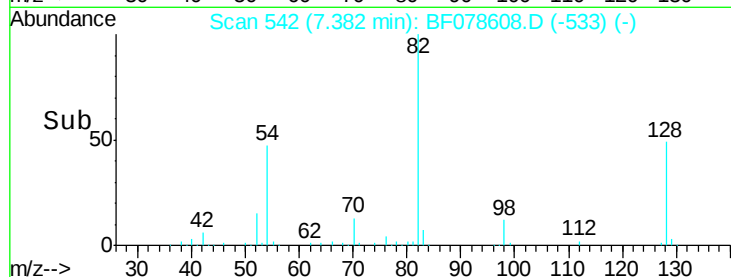
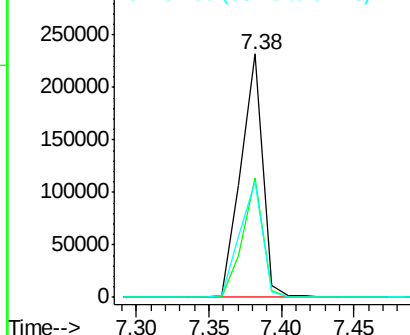
82 100

128 49.2 31.8 47.8#

54 47.5 41.5 62.3



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: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078608.D

Acq: 17 Apr 2015 16:34

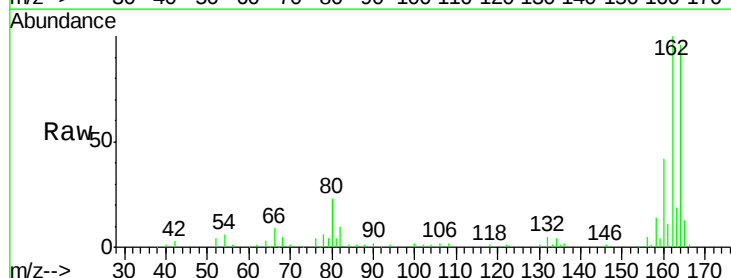
Tgt Ion: 164 Resp: 98857

Ion Ratio Lower Upper

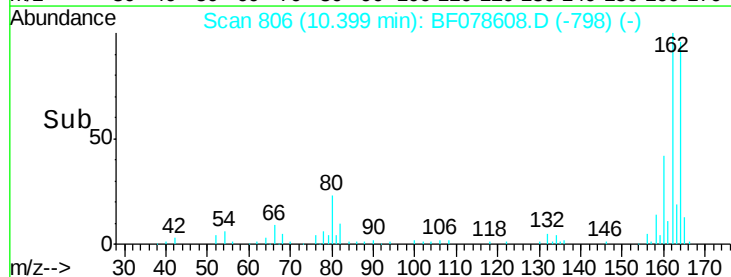
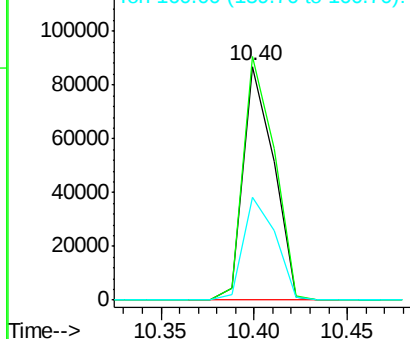
164 100

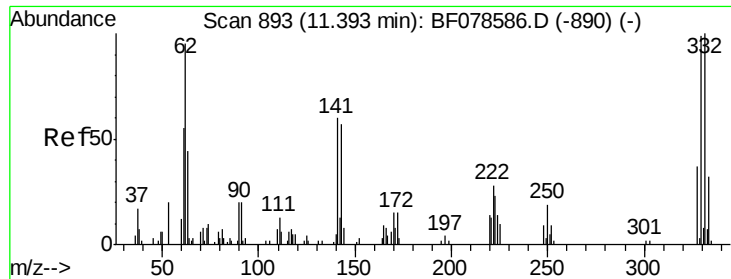
162 104.1 82.2 123.2

160 44.0 34.7 52.1



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

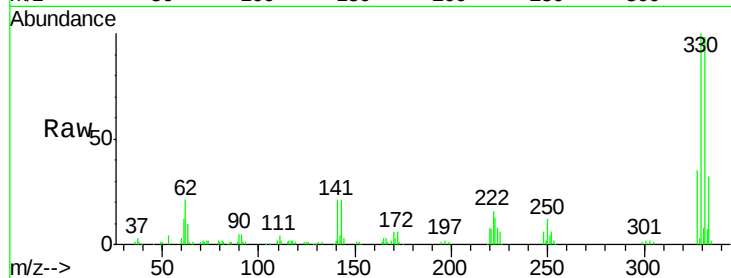




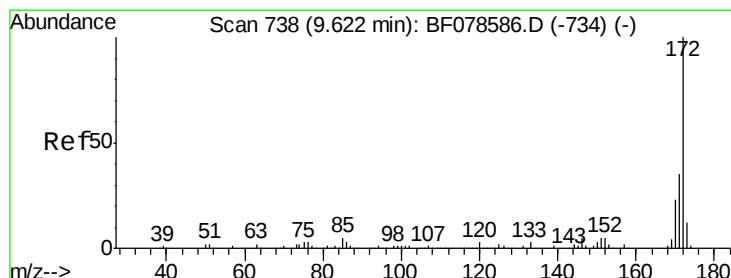
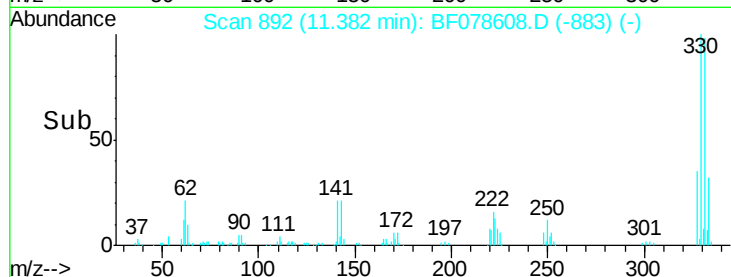
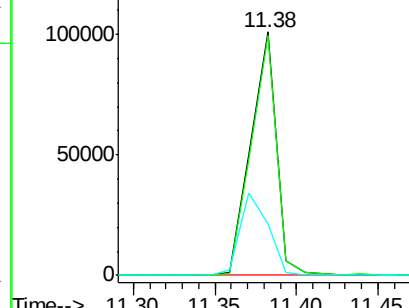
#41
 2,4,6-Tribromophenol
 Concen: 134.20 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078608.D
 Acq: 17 Apr 2015 16:34

Instrument :
 BNA_F
 ClientSampled :
 PB82843BL

Tgt Ion:330 Resp: 110029
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 117.8
 141 37.1 31.2 46.8

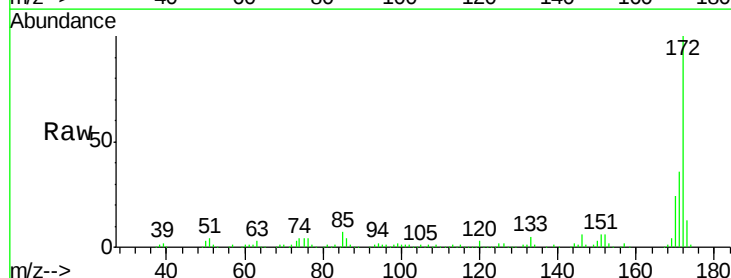


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

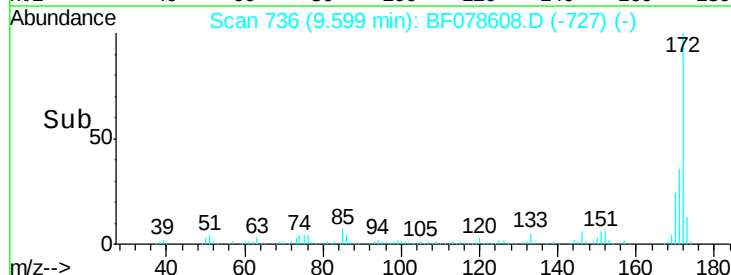
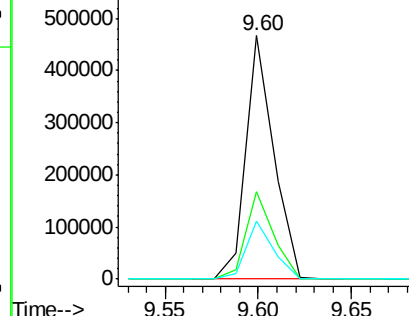


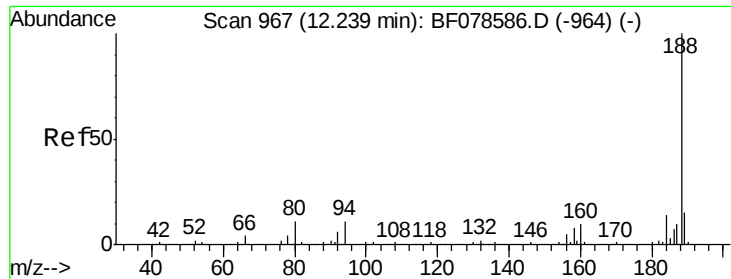
#44
 2-Fluorobiphenyl
 Concen: 70.17 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078608.D
 Acq: 17 Apr 2015 16:34

Tgt Ion:172 Resp: 485315
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.7 18.5 27.7



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

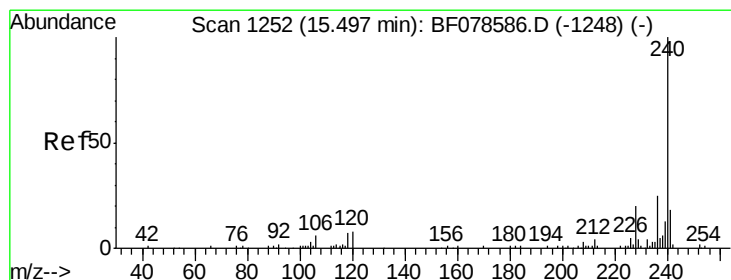
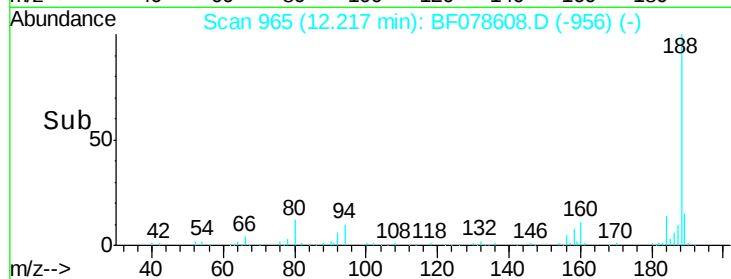
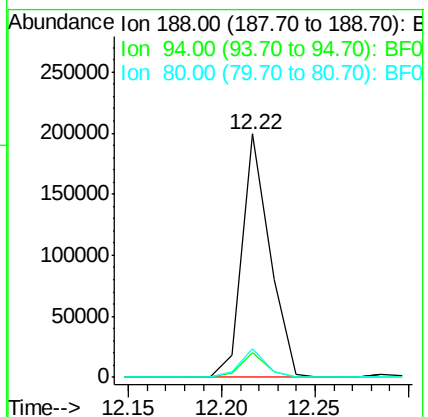
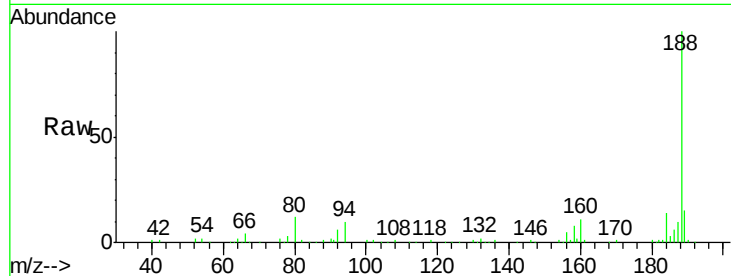




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078608.D
Acq: 17 Apr 2015 16:34

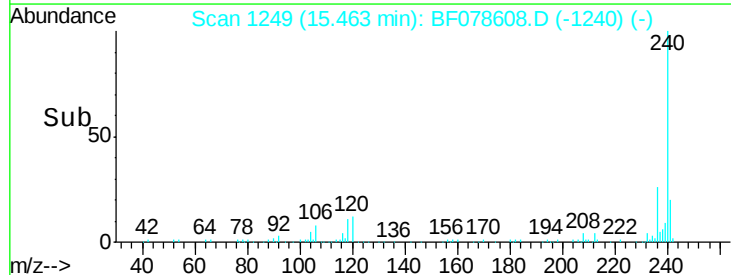
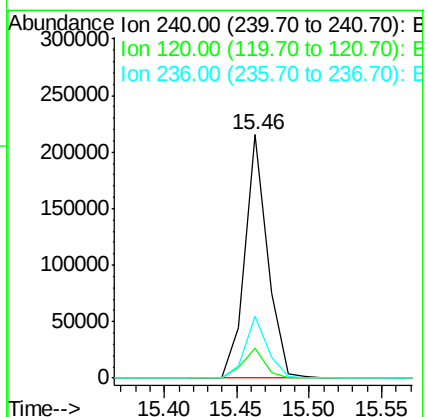
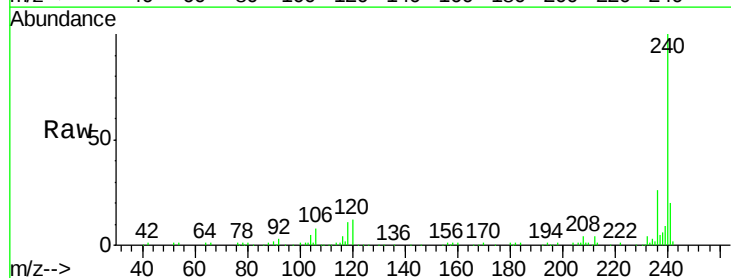
Instrument :
BNA_F
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PB82843BL

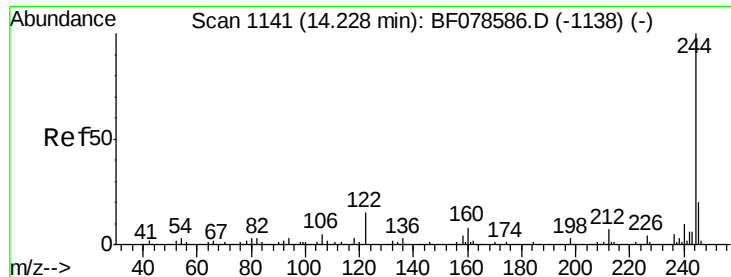
Tgt Ion:188 Resp: 206048
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 11.9 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF078608.D
Acq: 17 Apr 2015 16:34

Tgt Ion:240 Resp: 234888
Ion Ratio Lower Upper
240 100
120 12.1 7.1 10.7#
236 25.6 21.4 32.2

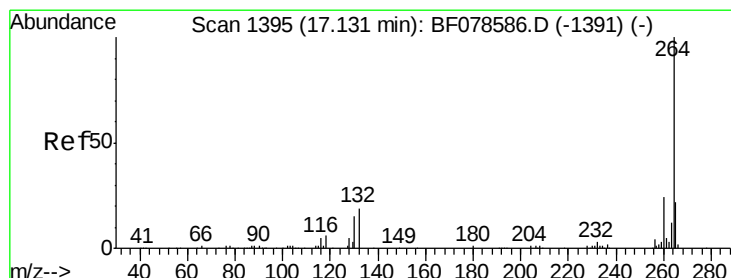
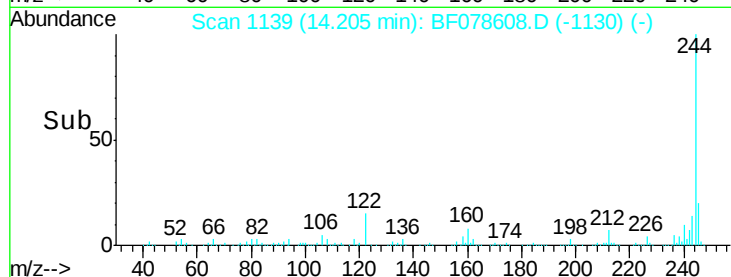
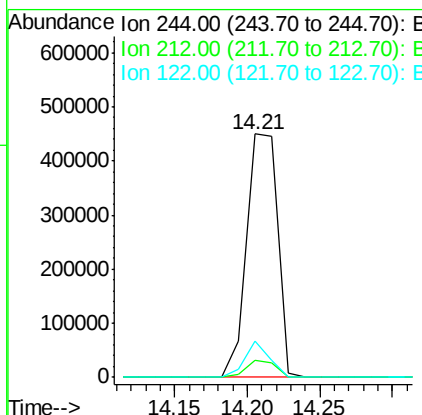
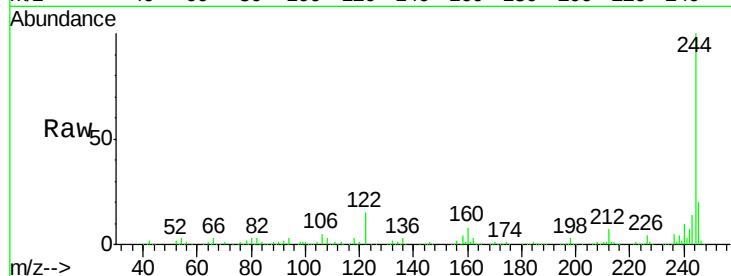




#78
 Terphenyl-d14
 Concen: 64.22 ng
 RT: 14.21 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF078608.D
 Acq: 17 Apr 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.0	7.4
122	15.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1399
 Delta R.T. 0.02 min
 Lab File: BF078608.D
 Acq: 17 Apr 2015 16:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.3	17.0	25.6

