

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078837.D
 Acq On : 30 Apr 2015 4:41
 Operator : TP/IZ
 Sample : G2021-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-0-2

Quant Time: Apr 30 06:15:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 01:56:50 2015
 Response via : Initial Calibration

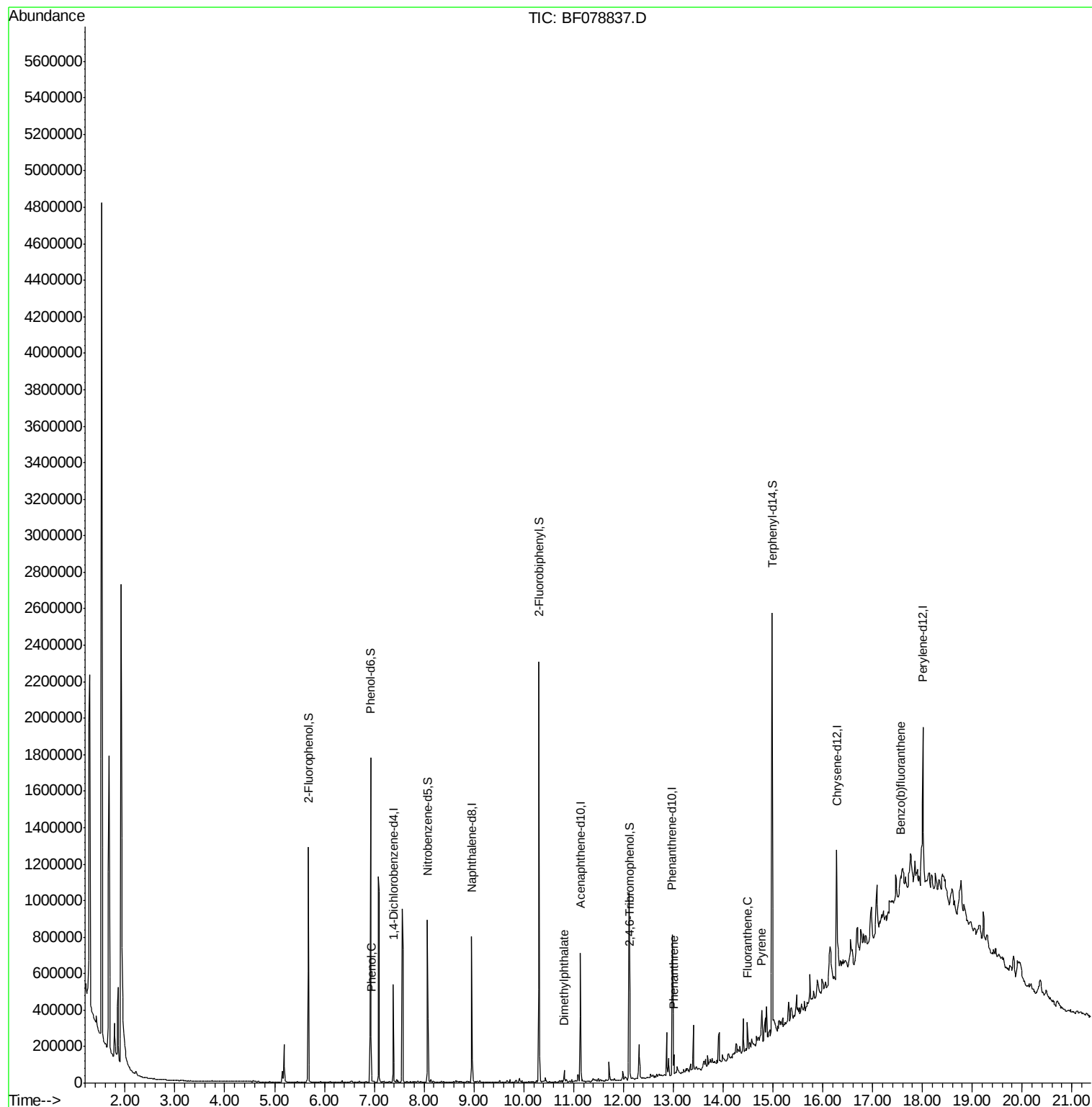
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76847	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	329766	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	162553	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	307372	20.00	ng	0.00
75) Chrysene-d12	16.29	240	345169	20.00	ng	0.00
86) Perylene-d12	18.01	264	368050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	396691	94.81	ng	0.01
7) Phenol-d6	6.92	99	550997	98.60	ng	0.00
23) Nitrobenzene-d5	8.07	82	294672	64.34	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	138850	87.70	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	695351	58.58	ng	0.00
78) Terphenyl-d14	14.98	244	799434	55.16	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.94	94	19425	2.94	ng	78
49) Dimethylphthalate	10.81	163	24011	2.08	ng	99
70) Phenanthrene	13.02	178	47465	2.85	ng	98
74) Fluoranthene	14.49	202	70675	4.26	ng	99
77) Pyrene	14.78	202	66232	3.28	ng	97
87) Benzo(b)fluoranthene	17.55	252	41872m	2.10	ng	

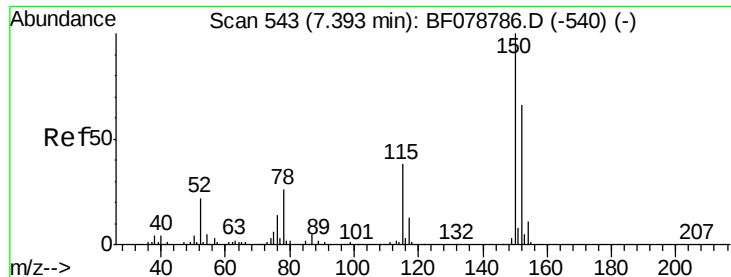
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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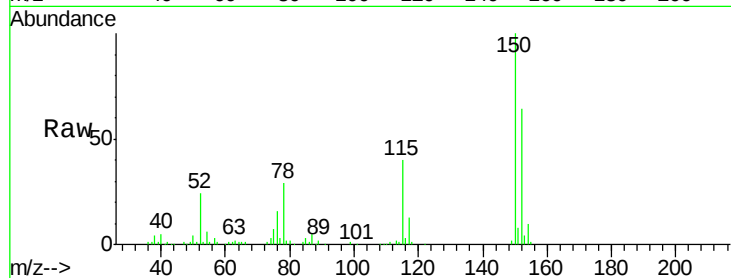




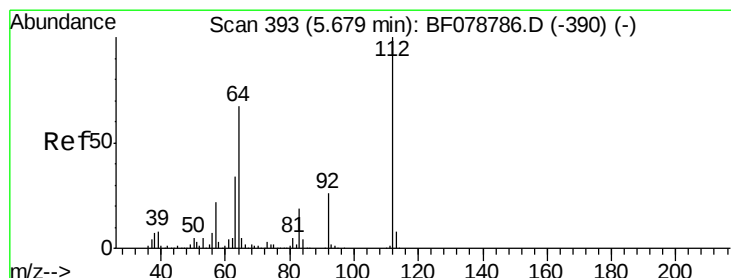
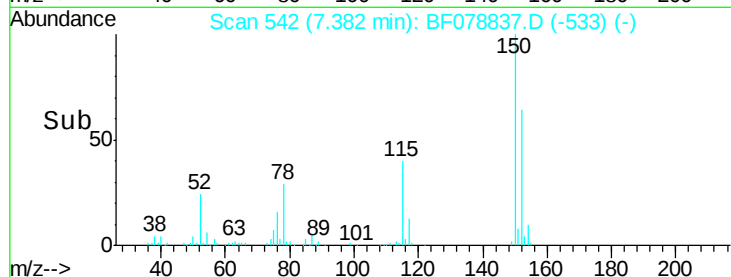
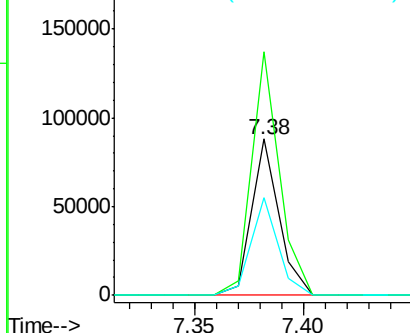
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF078837.D
 Acq: 30 Apr 2015 4:41

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-0-2

Tot Ion:152 Resp: 76847
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.0 183.0
 115 62.4 46.3 69.5

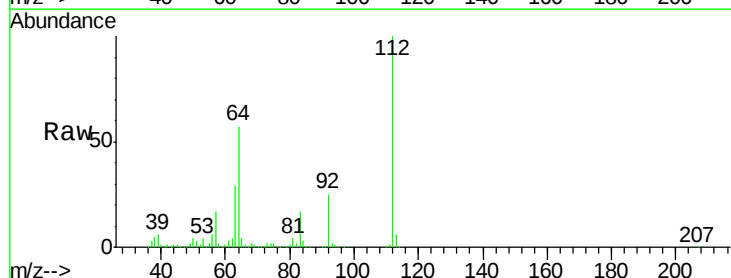


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

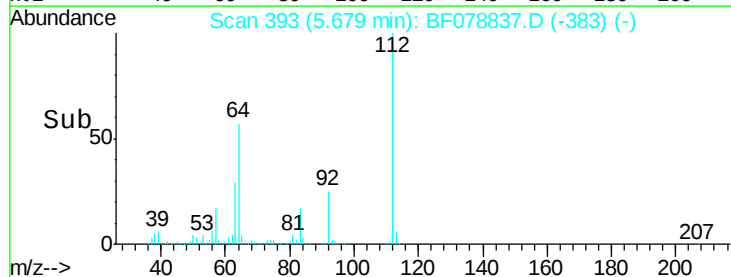
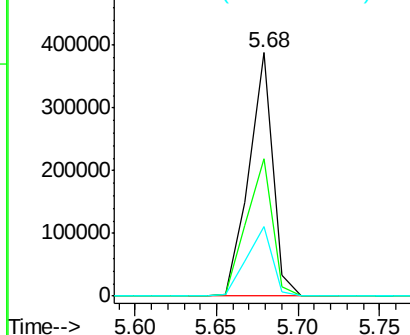


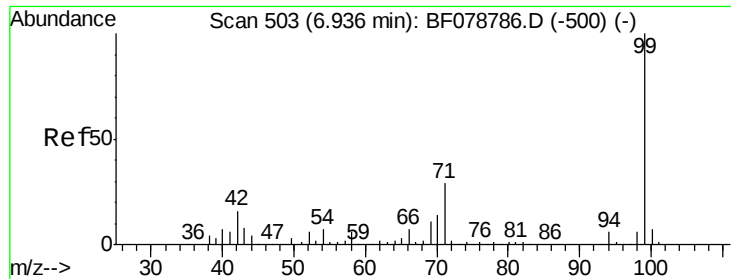
#5
 2-Fluorophenol
 Concen: 94.81 ng
 RT: 5.68 min Scan# 393
 Delta R.T. 0.01 min
 Lab File: BF078837.D
 Acq: 30 Apr 2015 4:41

Tgt Ion:112 Resp: 396691
 Ion Ratio Lower Upper
 112 100
 64 56.7 53.5 80.3
 63 28.5 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: 98.60 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

Instrument :

BNA_F

ClientSampleId :

PS-25-0-2

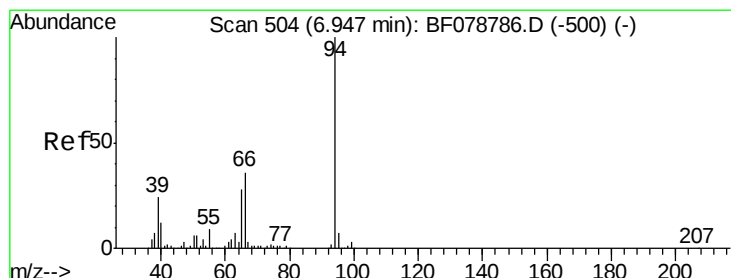
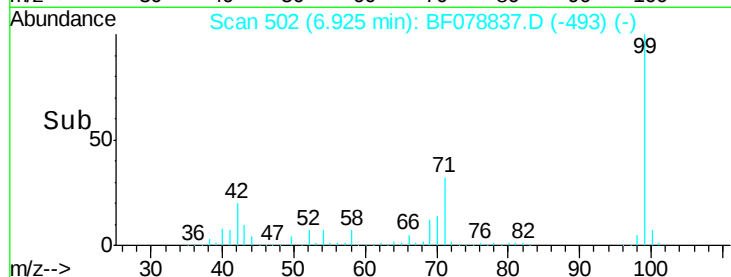
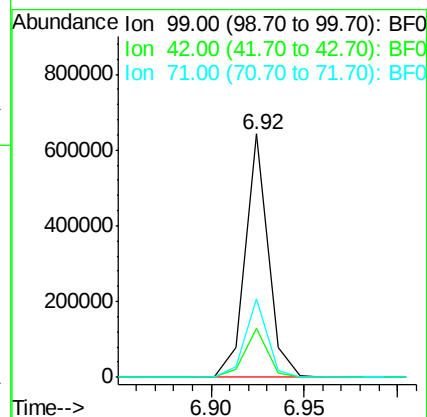
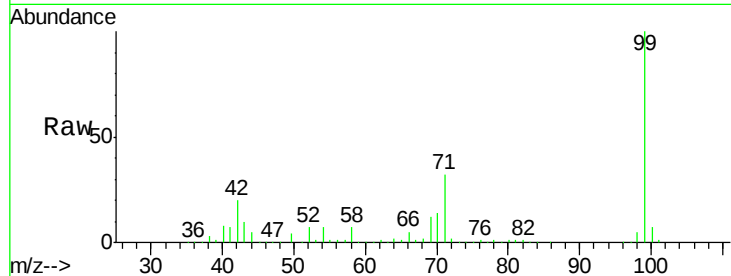
Tot Ion: 99 Resp: 550997

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

71 32.2 23.4 35.2



#10

Phenol

Concen: 2.94 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

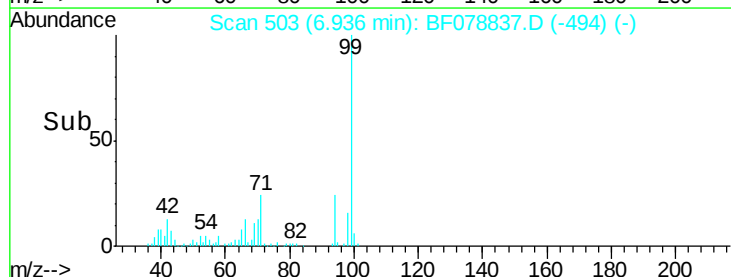
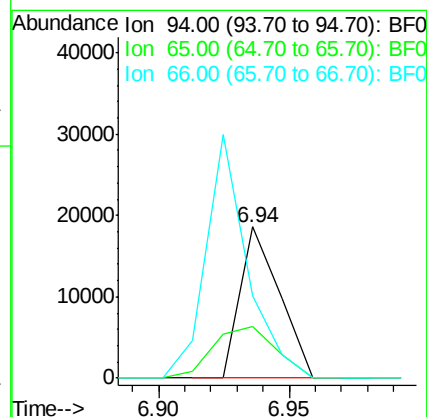
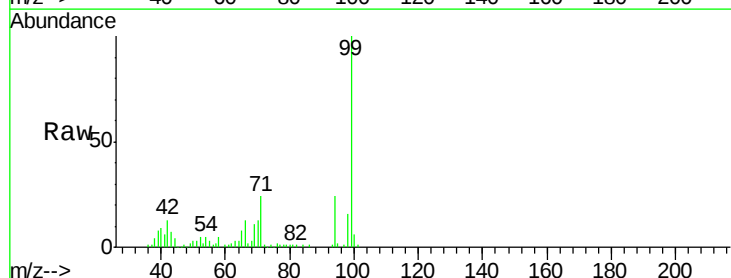
Tgt Ion: 94 Resp: 19425

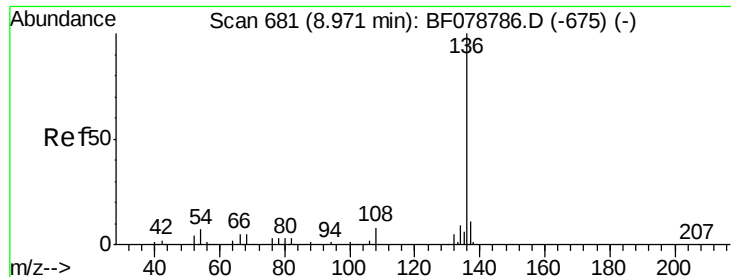
Ion Ratio Lower Upper

94 100

65 33.9 8.5 48.5

66 54.3 16.0 56.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

Instrument :

BNA_F

ClientSampleId :

PS-25-0-2

Tot Ion:136 Resp: 329766

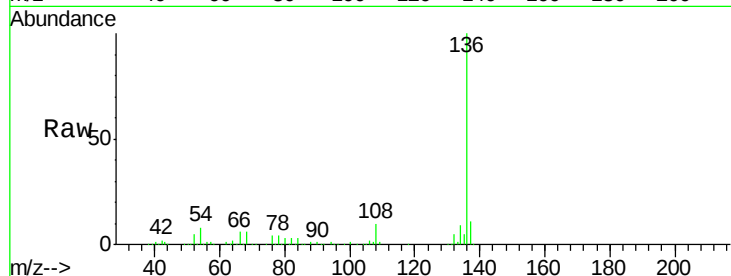
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.4 5.8 8.8

68 6.2 4.2 6.4

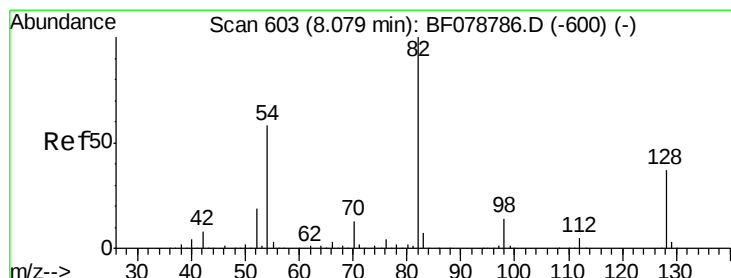
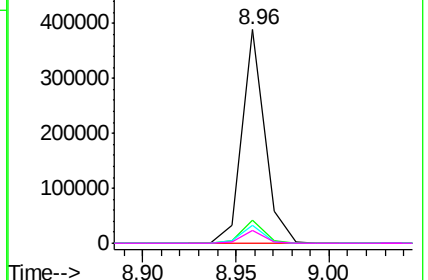
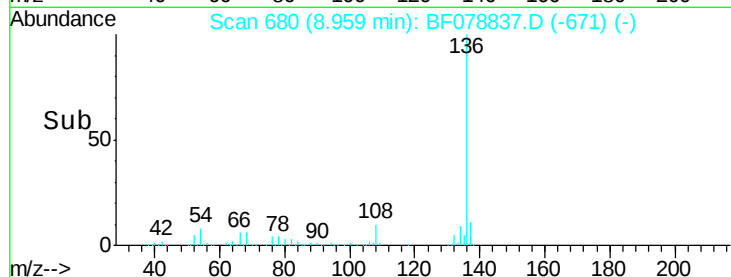


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.34 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

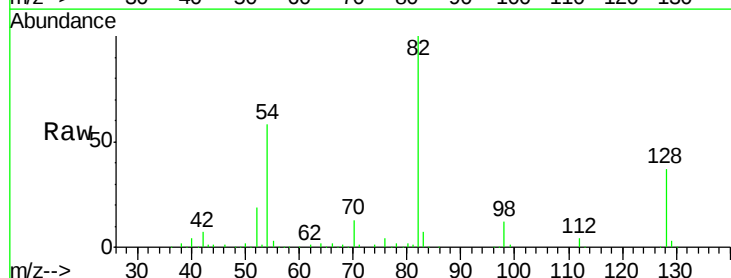
Tgt Ion: 82 Resp: 294672

Ion Ratio Lower Upper

82 100

128 37.3 30.0 45.0

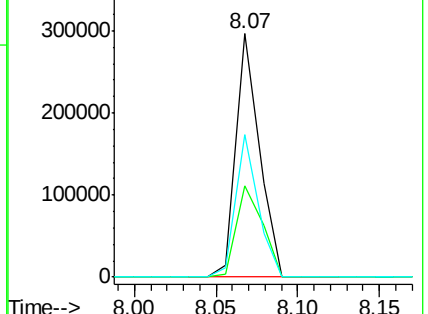
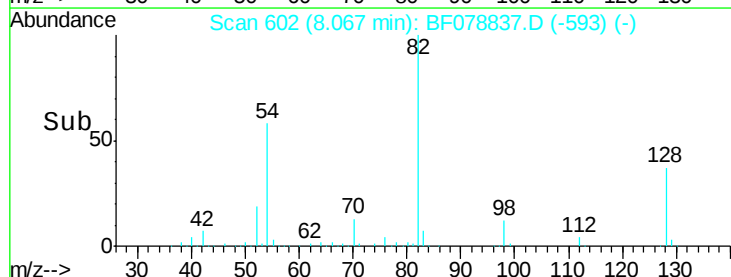
54 58.3 46.4 69.6

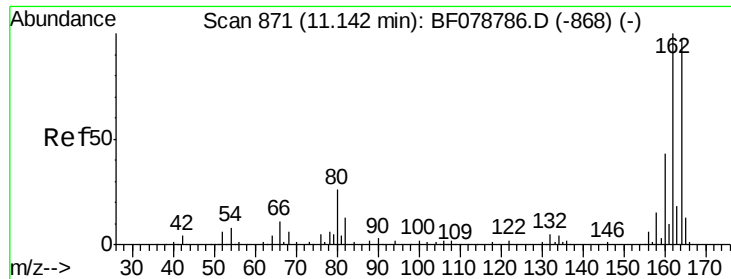


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

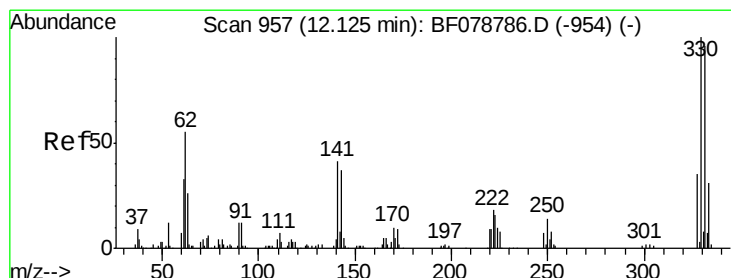
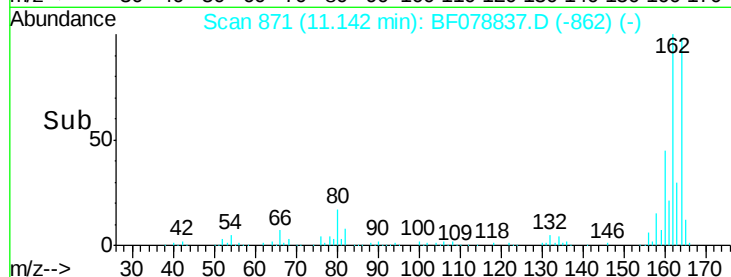
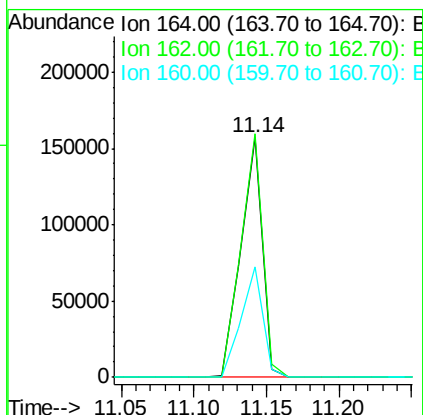
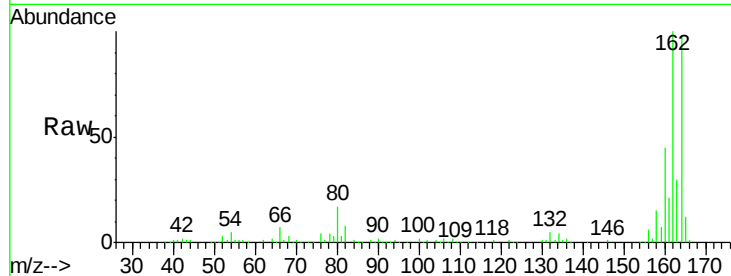




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

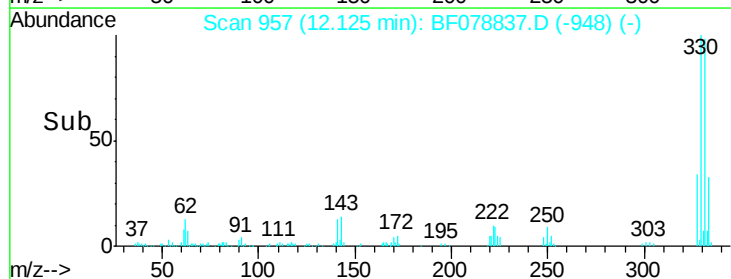
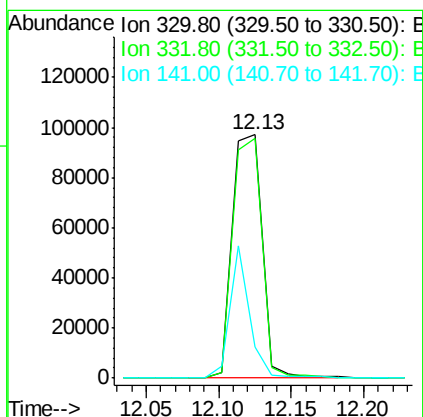
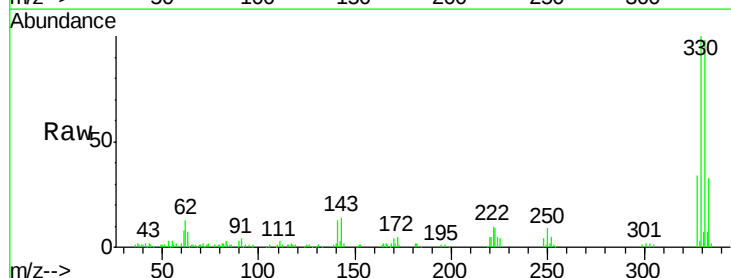
Instrument :
BNA_F
ClientSampleId :
PS-25-0-2

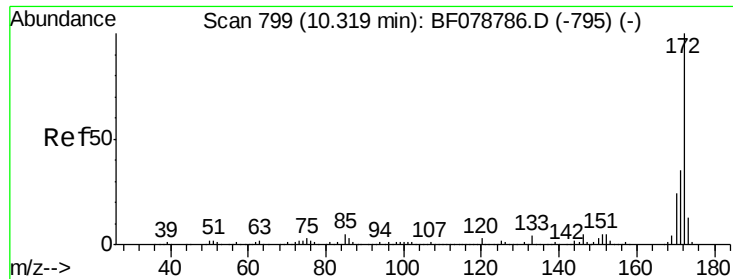
Tot Ion:164 Resp: 162553
Ion Ratio Lower Upper
164 100
162 101.8 82.7 124.1
160 46.0 35.8 53.8



#41
2,4,6-Tribromophenol
Concen: 87.70 ng
RT: 12.13 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Tgt Ion:330 Resp: 138850
Ion Ratio Lower Upper
330 100
332 97.1 0.0 0.0#
141 36.0 0.0 0.0#

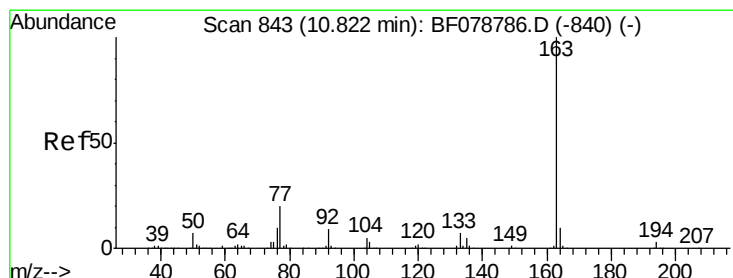
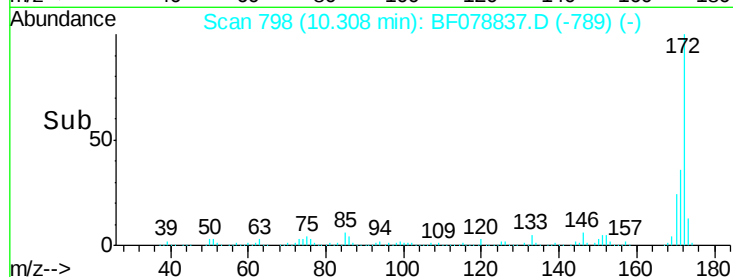
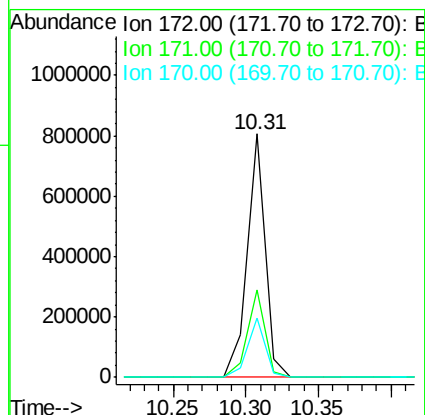
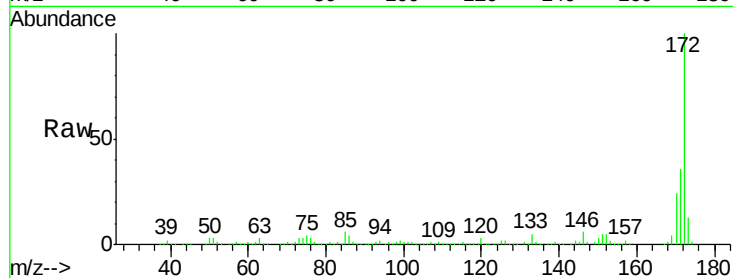




#44
2-Fluorobiphenyl
Concen: 58.58 ng
RT: 10.31 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

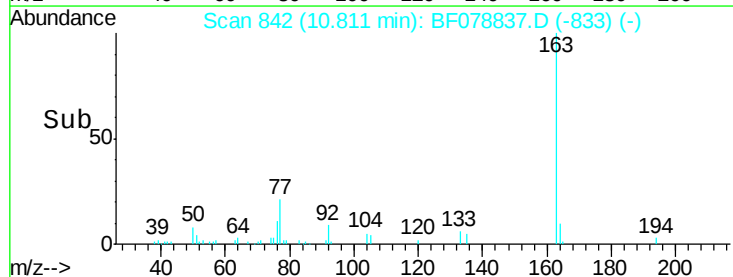
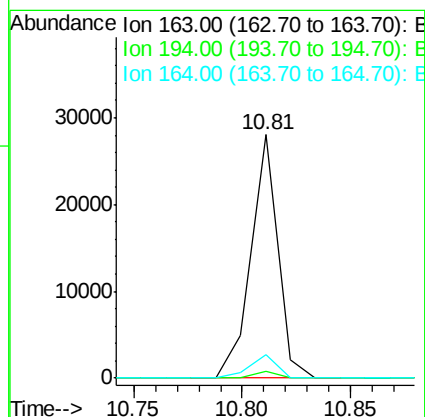
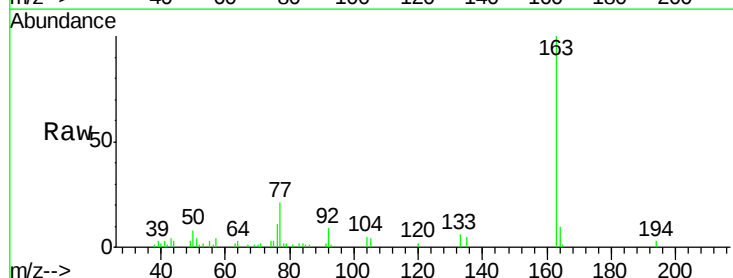
Instrument :
BNA_F
ClientSampleId :
PS-25-0-2

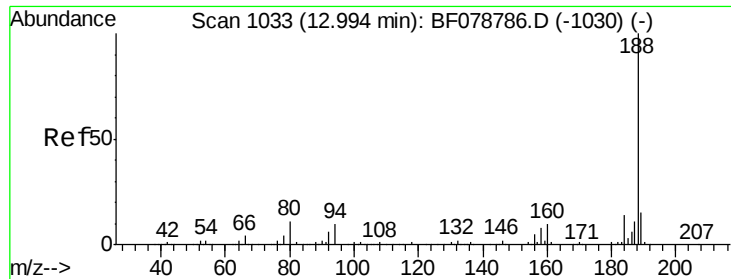
Tot Ion:172 Resp: 695351
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 24.1 19.4 29.0



#49
Dimethylphthalate
Concen: 2.08 ng
RT: 10.81 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Tgt Ion:163 Resp: 24011
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.6 8.1 12.1

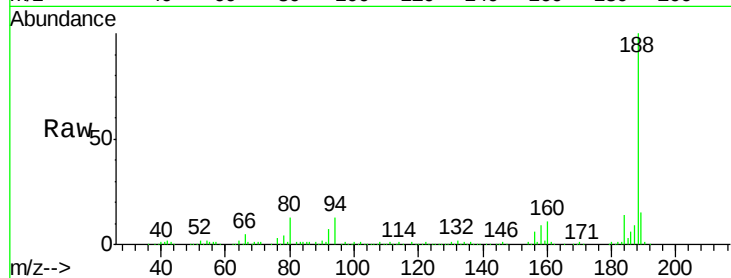




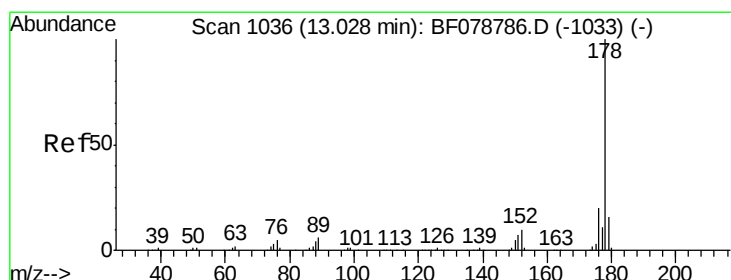
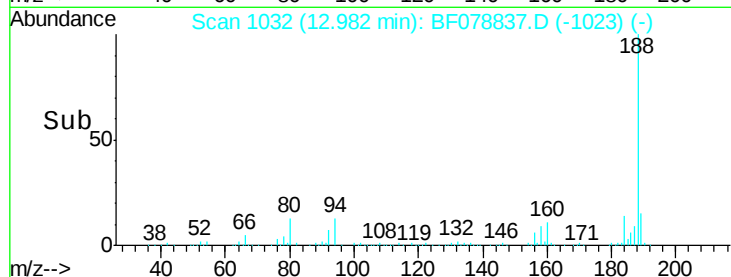
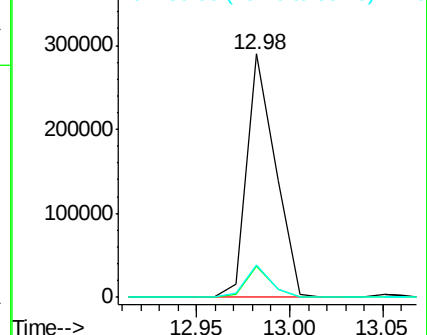
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF078837.D
 Acq: 30 Apr 2015 4:41

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-0-2

Tot Ion:188 Resp: 307372
 Ion Ratio Lower Upper
 188 100
 94 12.7 8.2 12.2#
 80 13.4 8.9 13.3#

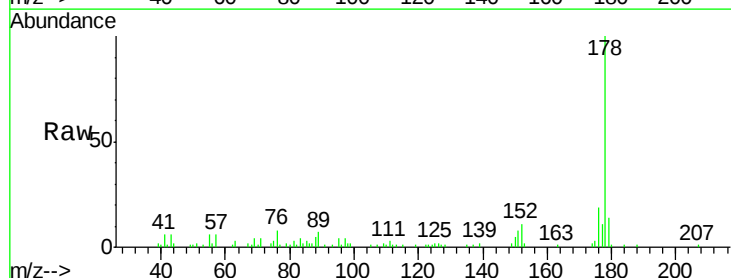


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

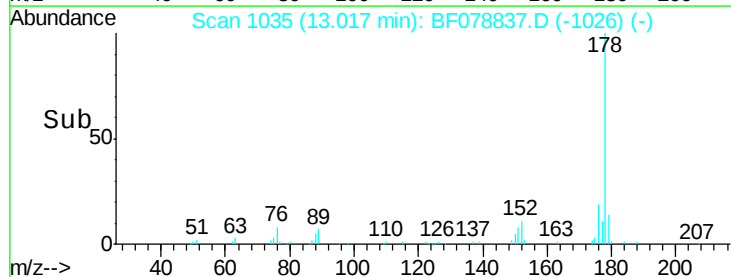
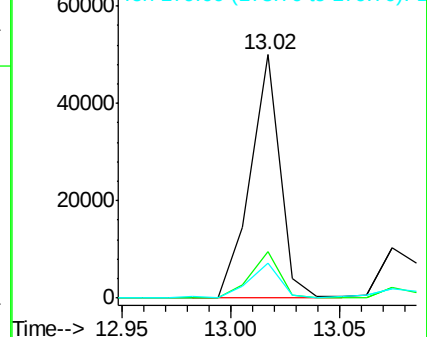


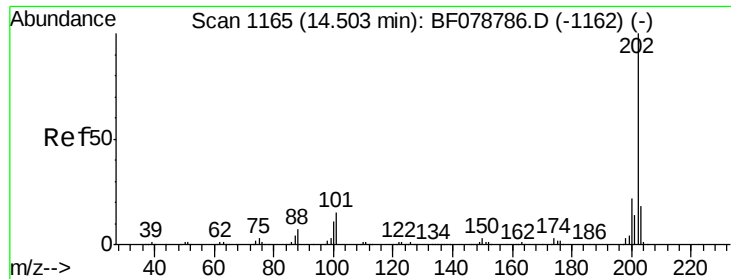
#70
 Phenanthrene
 Concen: 2.85 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF078837.D
 Acq: 30 Apr 2015 4:41

Tgt Ion:178 Resp: 47465
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 14.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

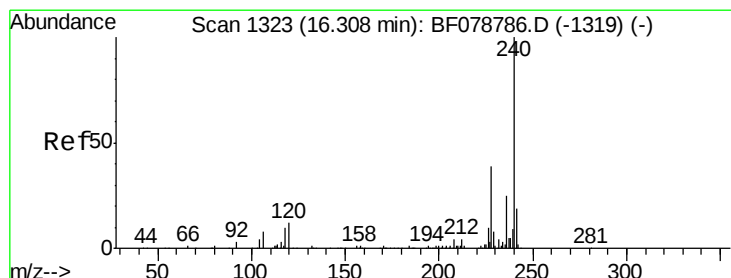
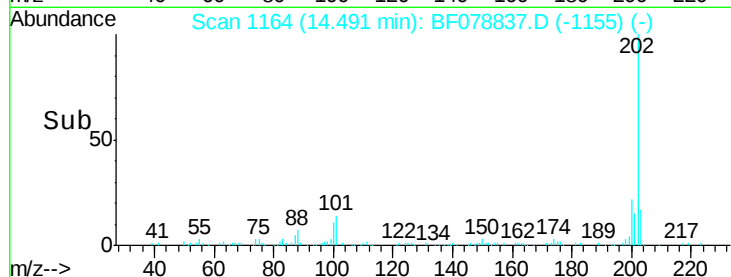
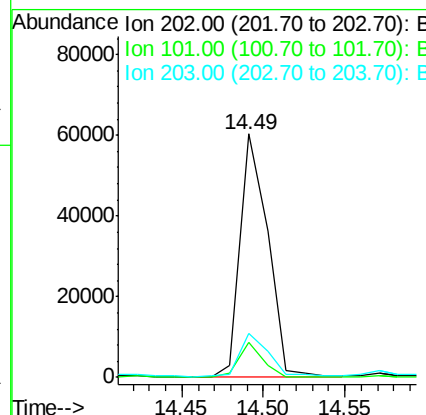
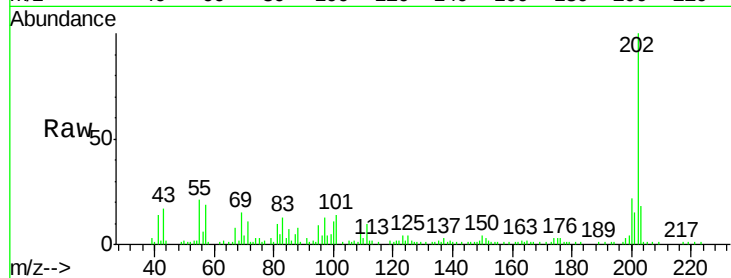




#74
Fluoranthene
Concen: 4.26 ng
RT: 14.49 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

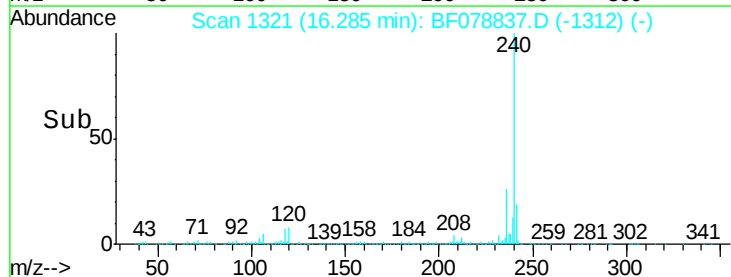
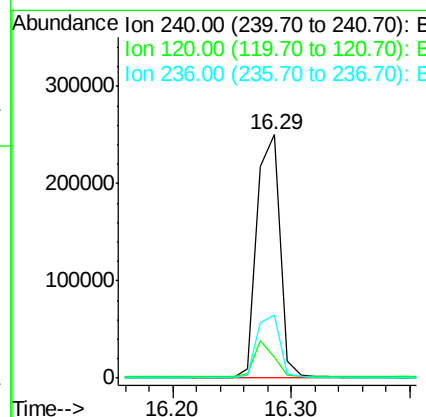
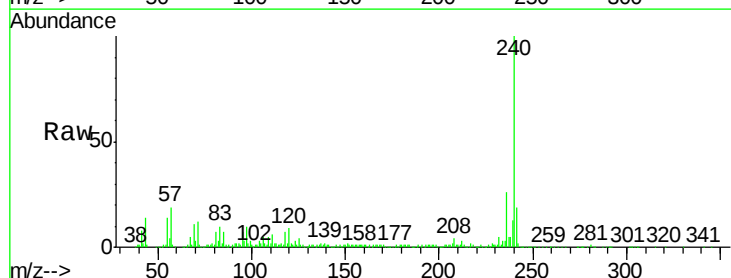
Instrument :
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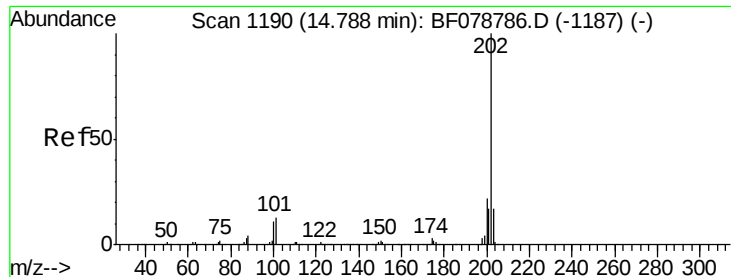
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.6
203	17.9	0.0	38.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.7	14.5#
236	25.9	20.2	30.4

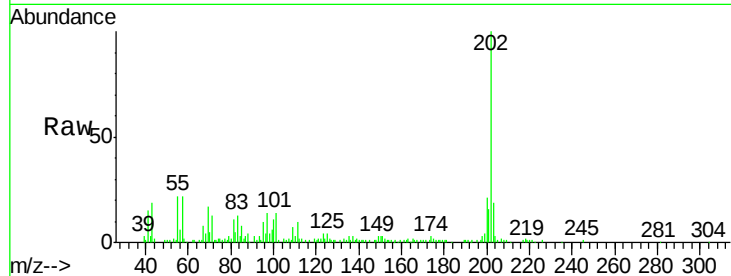




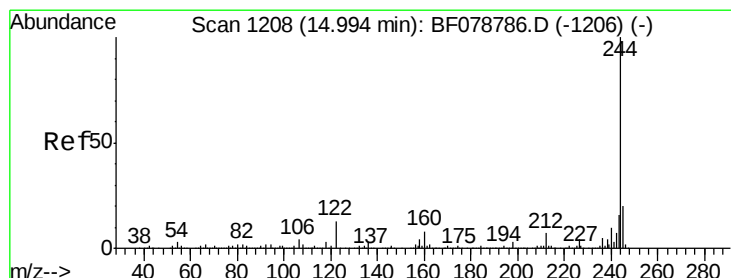
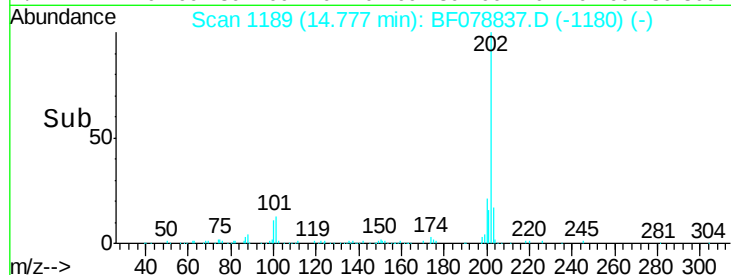
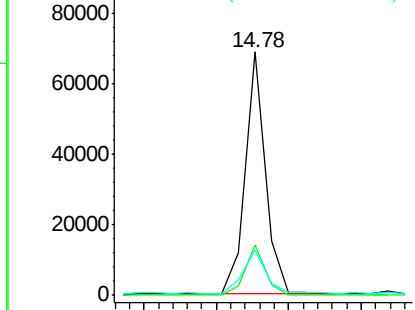
#77
Pvrene
Concen: 3.28 ng
RT: 14.78 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
PS-25-0-2

Tot Ion:202 Resp: 66232
Ion Ratio Lower Upper
202 100
200 20.7 17.5 26.3
203 18.6 13.9 20.9

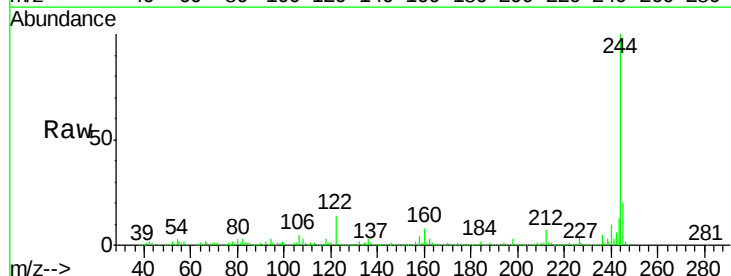


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

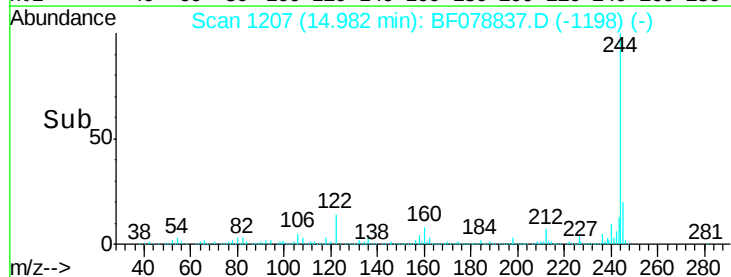
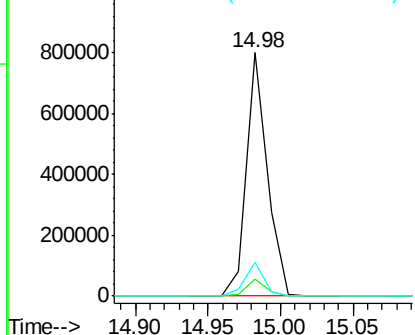


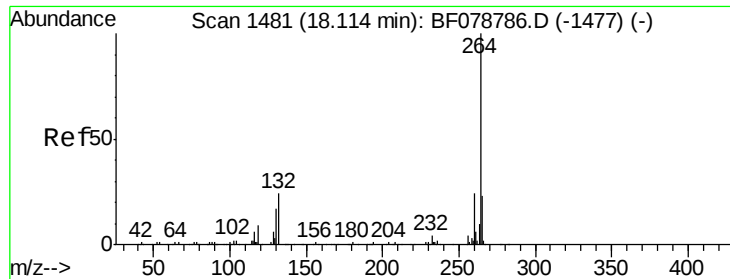
#78
Terphenyl-d14
Concen: 55.16 ng
RT: 14.98 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Tgt Ion:244 Resp: 799434
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 14.1 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

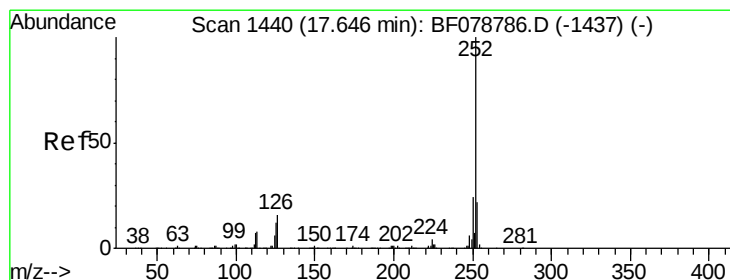
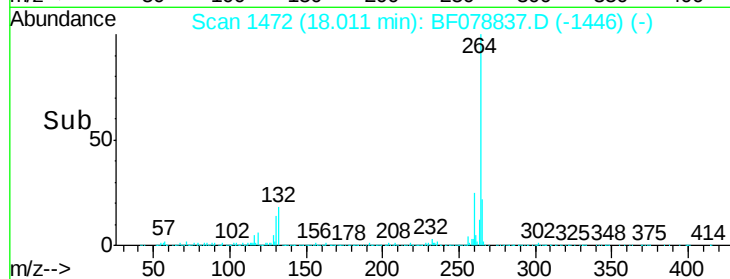
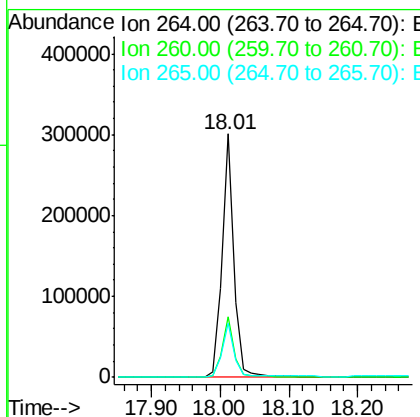
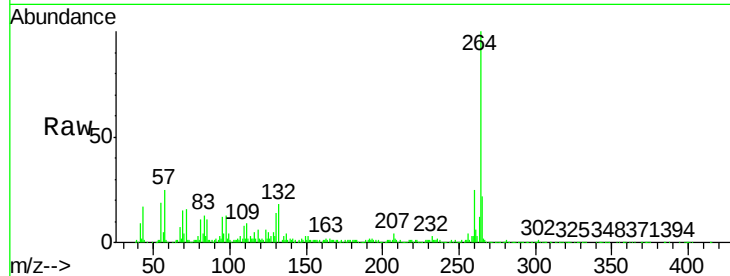




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
PS-25-0-2

Tot Ion:264 Resp: 368050
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 22.3 18.3 27.5



#87
Benzo(b)fluoranthene
Concen: 2.10 ng m
RT: 17.55 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Tgt Ion:252 Resp: 41872
Ion Ratio Lower Upper
252 100
253 27.5 17.7 26.5#
125 64.5 9.5 14.3#

