

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078926.D
 Acq On : 4 May 2015 18:50
 Operator : TP/IZ
 Sample : G2021-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 05 11:16:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	60831	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	247737	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	118507	20.00	ng	-0.01
63) Phenanthrene-d10	12.95	188	235197	20.00	ng	-0.01
75) Chrysene-d12	16.24	240	243108m	20.00	ng	-0.08
86) Perylene-d12	17.95	264	241390	20.00	ng	-0.29
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	501575	141.93	ng	0.01
7) Phenol-d6	6.90	99	574225	122.93	ng	0.00
23) Nitrobenzene-d5	8.04	82	408172	94.69	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	190640	148.70	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	791836	93.09	ng	-0.01
78) Terphenyl-d14	14.95	244	1014520m	99.91	ng	-0.01

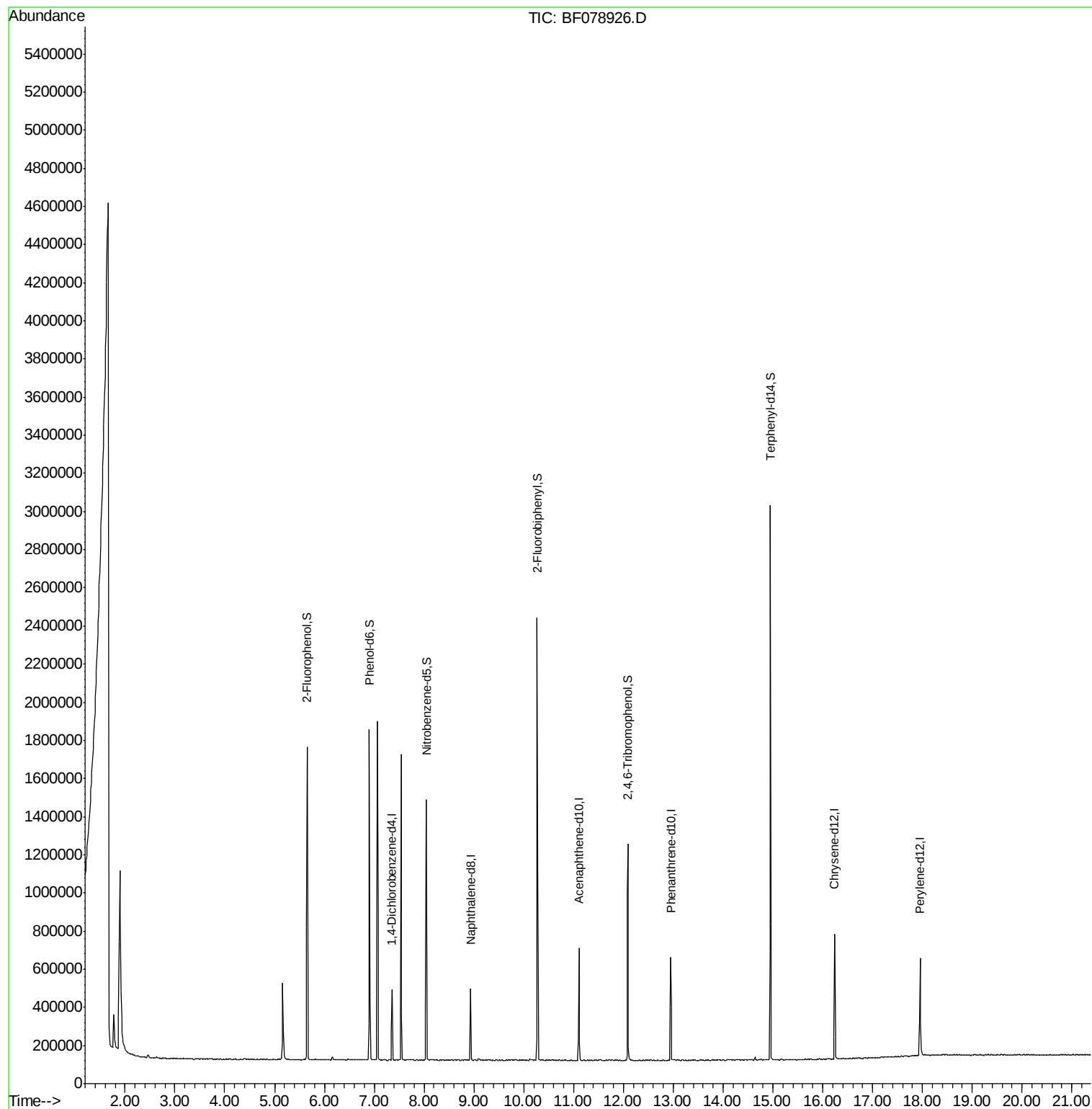
Target Compounds Qvalue

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

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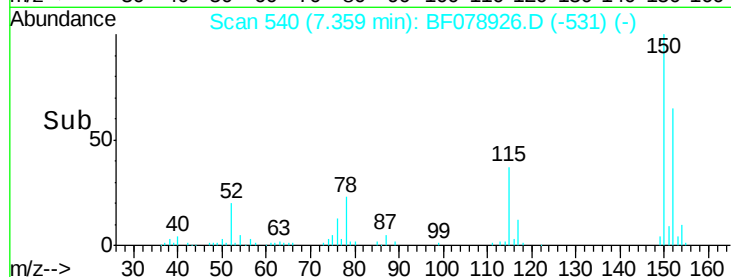
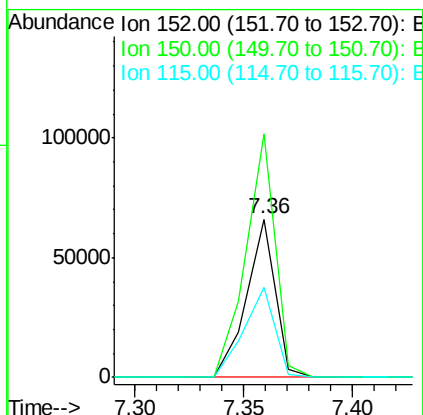
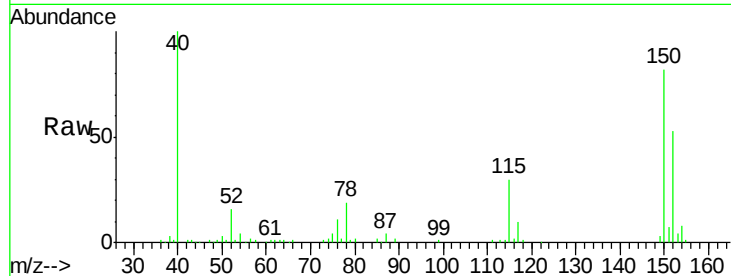


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078926.D
Acq: 4 May 2015 18:50

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

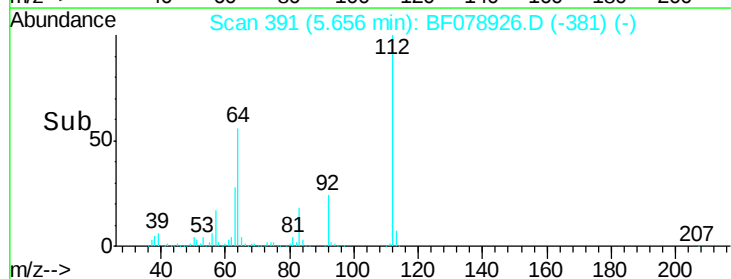
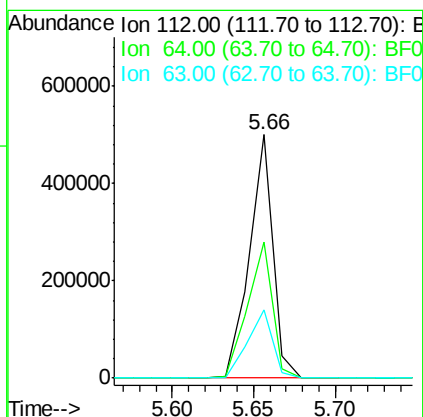
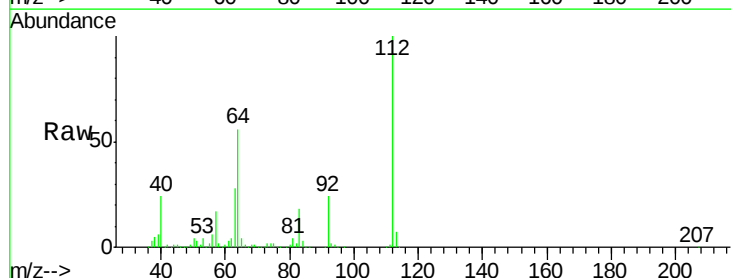
Tot Ion:152 Resp: 60831
Ion Ratio Lower Upper
152 100
150 153.8 122.0 183.0
115 57.1 46.3 69.5

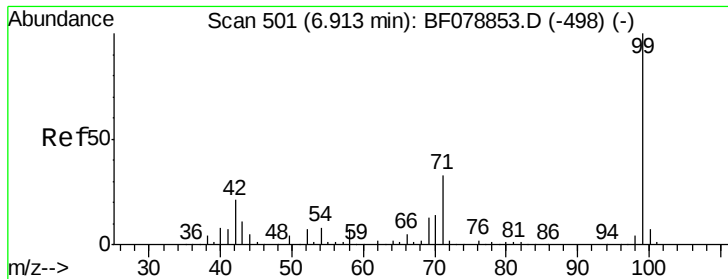


#5

2-Fluorophenol
Concen: 141.93 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078926.D
Acq: 4 May 2015 18:50

Tgt Ion:112 Resp: 501575
Ion Ratio Lower Upper
112 100
64 55.7 53.5 80.3
63 28.2 27.5 41.3





#7

Phenol-d6

Concen: 122.93 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078926.D

Acq: 4 May 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PS-25-0-25

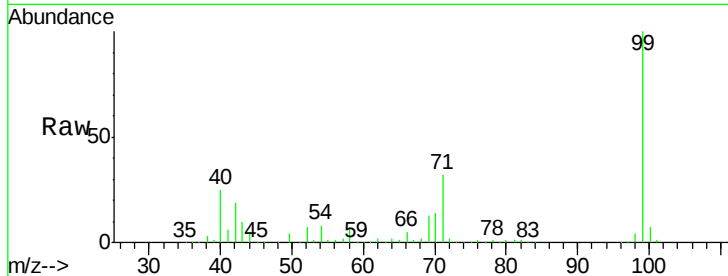
Tot Ion: 99 Resp: 574225

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

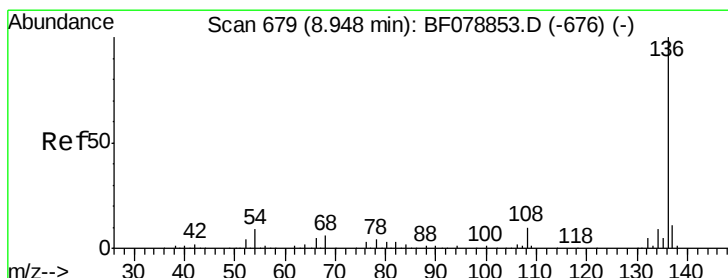
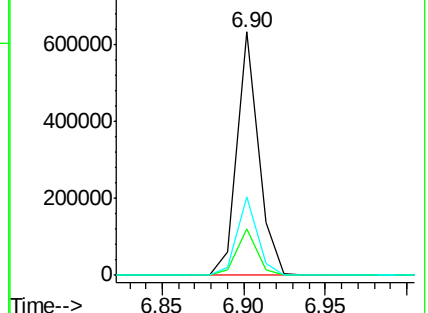
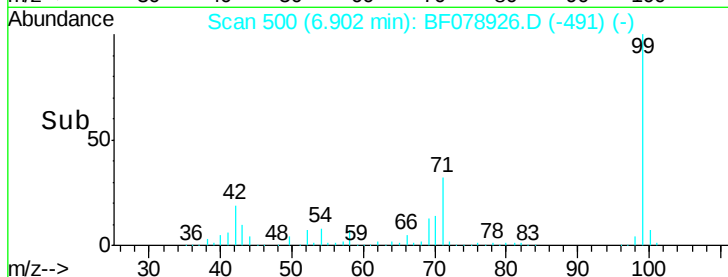
71 32.0 23.4 35.2



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: 8.94 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF078926.D

Acq: 4 May 2015 18:50

Tgt Ion: 136 Resp: 247737

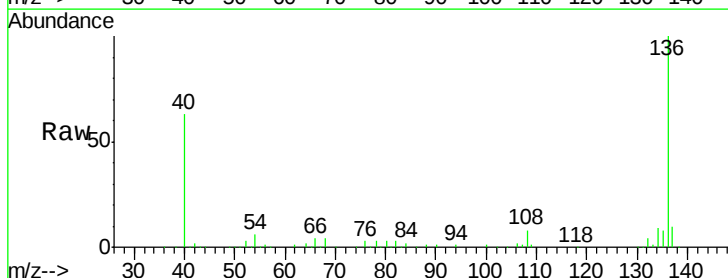
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.1 5.8 8.8

68 4.4 4.2 6.4

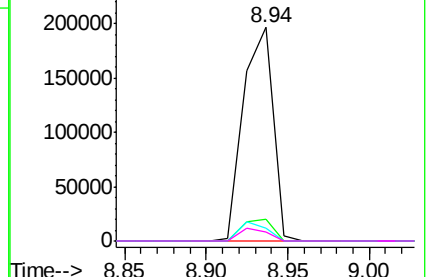
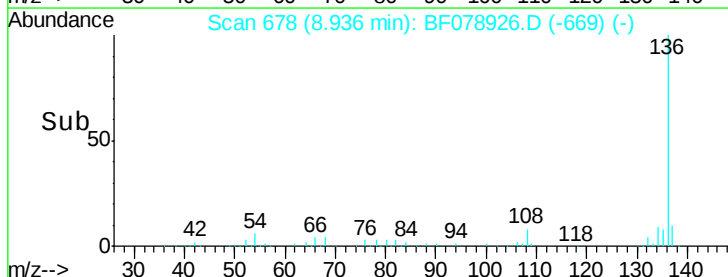


Abundance Ion 136.00 (135.70 to 136.70): E

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

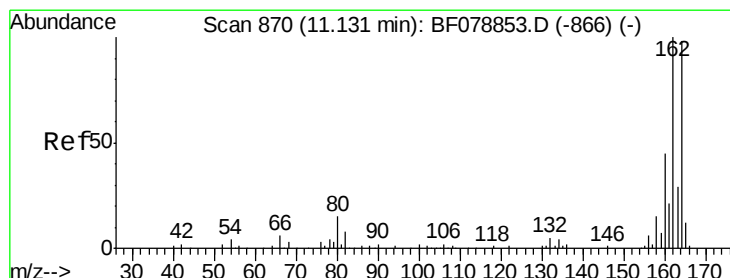
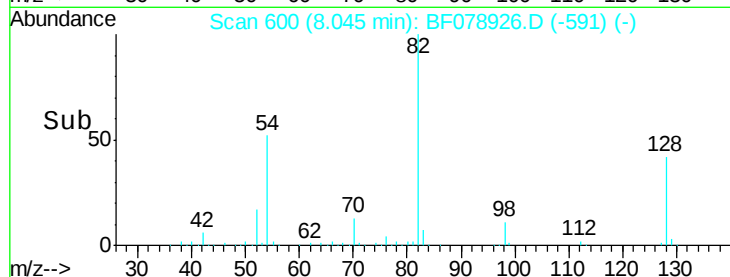
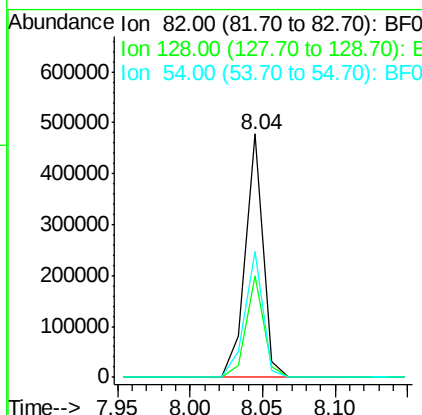
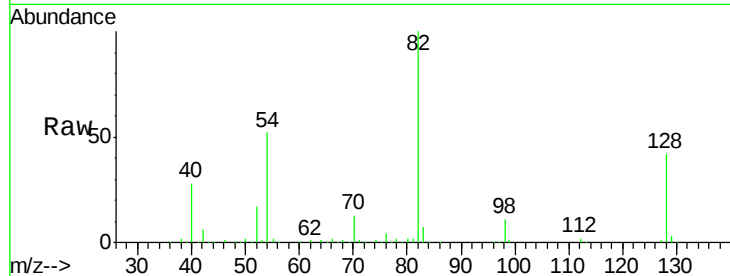




#23
 Nitrobenzene-d5
 Concen: 94.69 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078926.D
 Acq: 4 May 2015 18:50

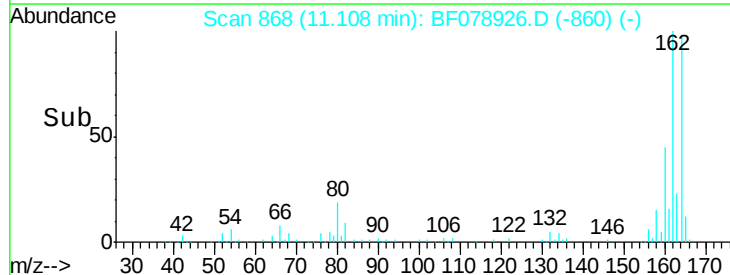
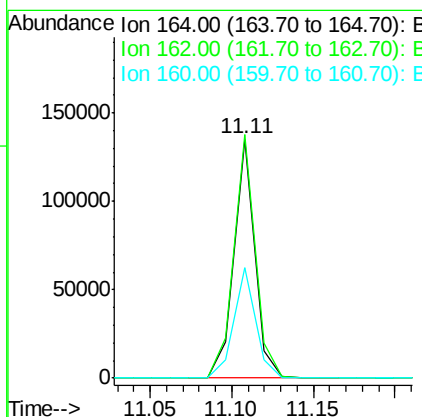
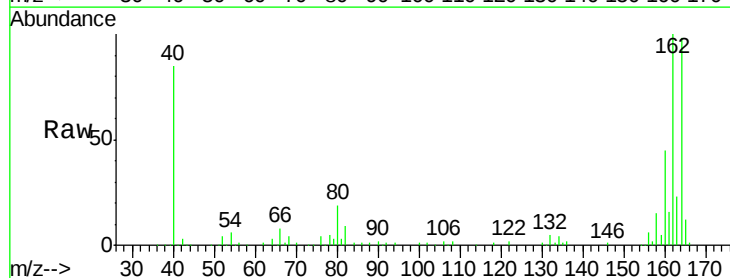
Instrument :
 BNA_F
 ClientSampleId :
 PS-25-0-25

Tot Ion: 82 Resp: 408172
 Ion Ratio Lower Upper
 82 100
 128 41.8 30.0 45.0
 54 51.7 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078926.D
 Acq: 4 May 2015 18:50

Tgt Ion: 164 Resp: 118507
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.7 124.1
 160 46.1 35.8 53.8

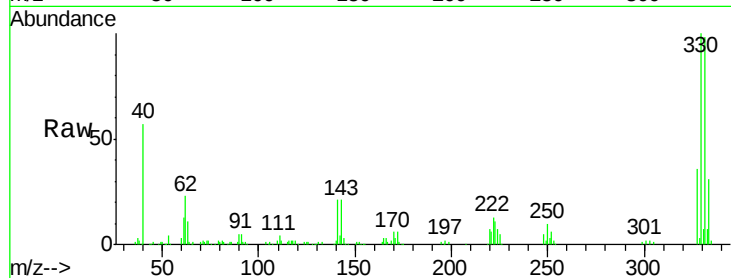




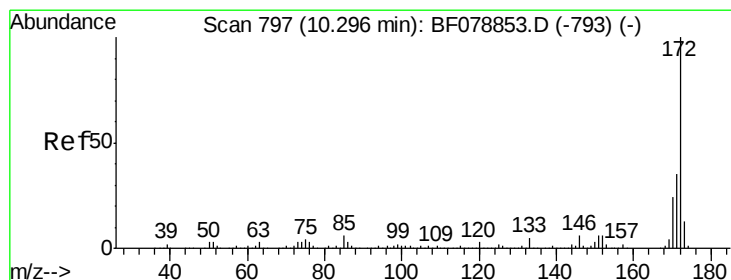
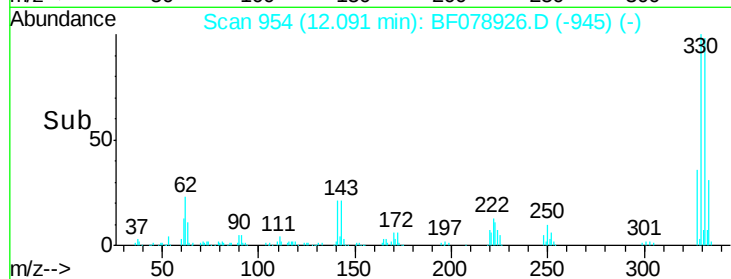
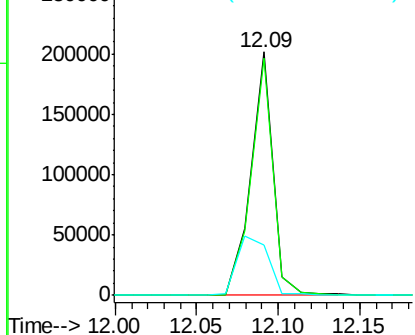
#41
 2,4,6-Tribromophenol
 Concen: 148.70 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078926.D
 Acq: 4 May 2015 18:50

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

Tot Ion:330 Resp: 190640
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 34.4 0.0 0.0#

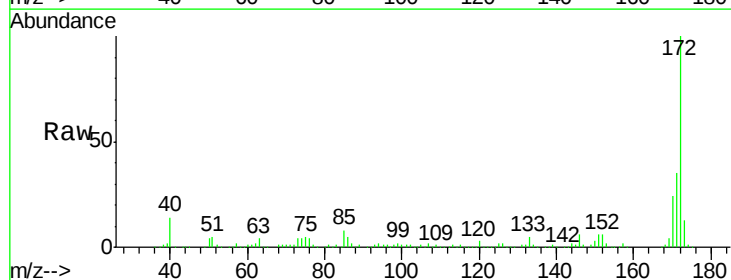


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

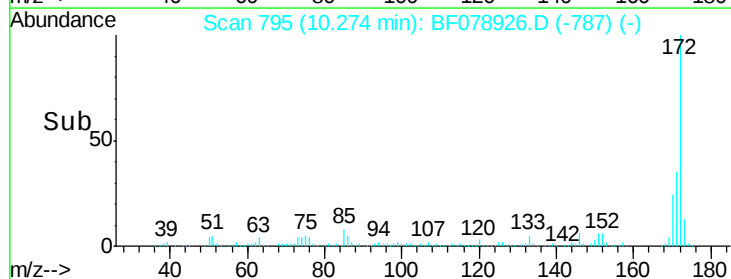
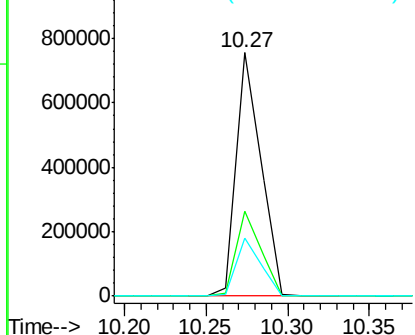


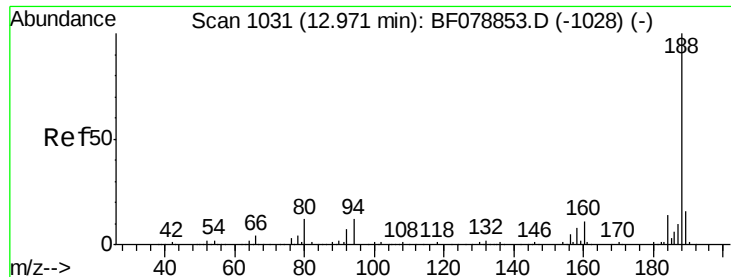
#44
 2-Fluorobiphenyl
 Concen: 93.09 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078926.D
 Acq: 4 May 2015 18:50

Tgt Ion:172 Resp: 791836
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.9 41.9
 170 23.9 19.4 29.0



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

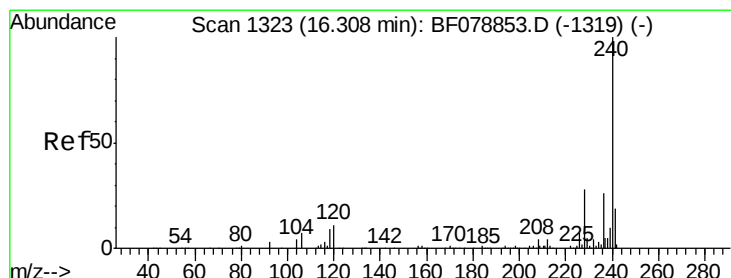
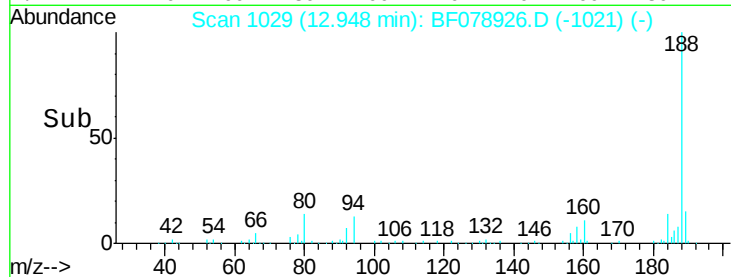
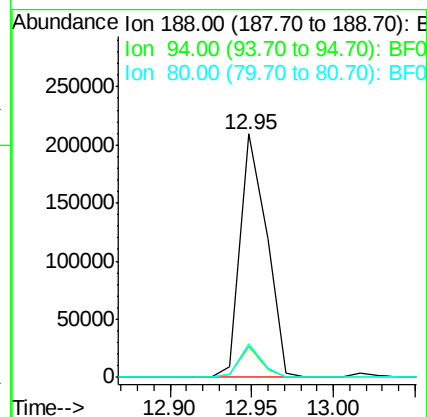
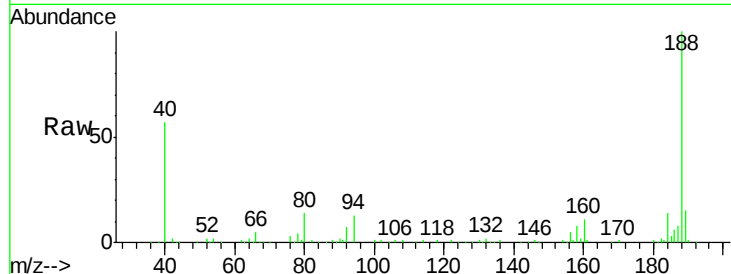




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078926.D
Acq: 4 May 2015 18:50

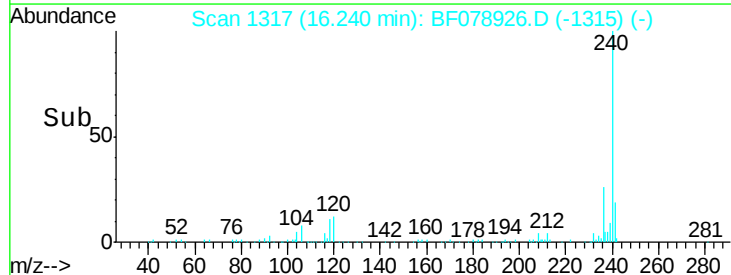
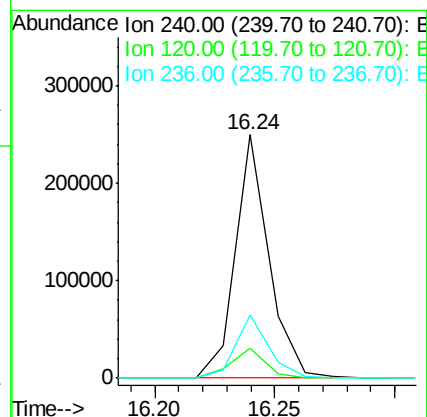
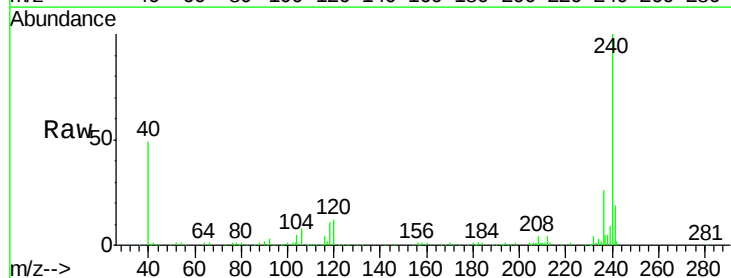
Instrument :
BNA_F
ClientSampled :
PS-25-0-25

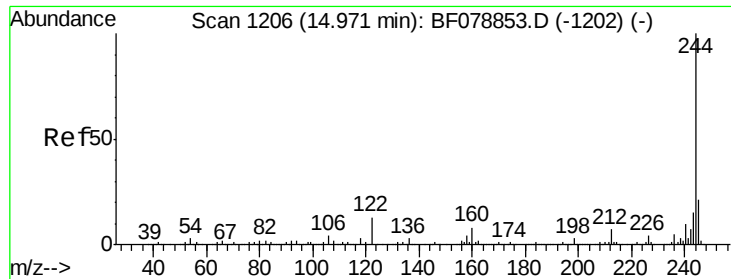
Tot Ion:188 Resp: 235197
Ion Ratio Lower Upper
188 100
94 12.7 8.2 12.2#
80 13.6 8.9 13.3#



#75
Chrysene-d12
Concen: 20.00 ng m
RT: 16.24 min Scan# 1317
Delta R.T. -0.08 min
Lab File: BF078926.D
Acq: 4 May 2015 18:50

Tgt Ion:240 Resp: 243108
Ion Ratio Lower Upper
240 100
120 12.4 9.7 14.5
236 25.8 20.2 30.4

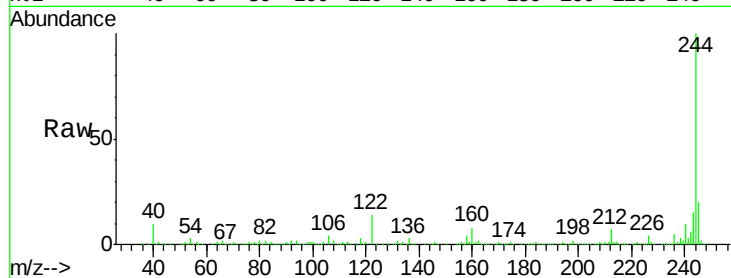




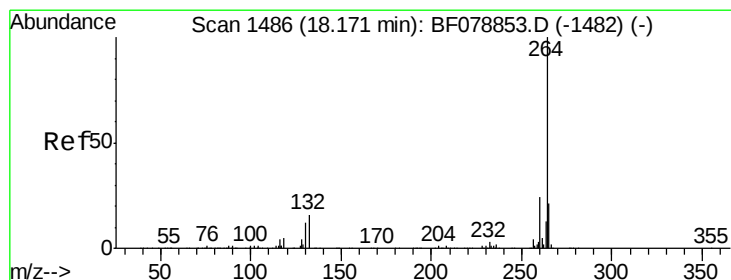
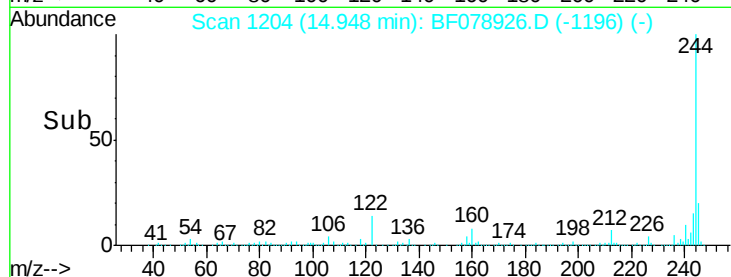
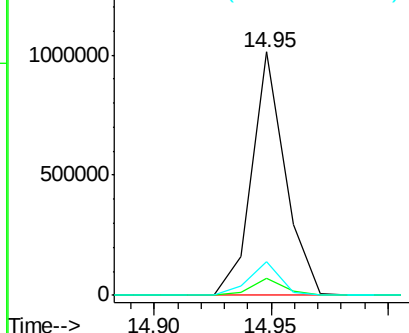
#78
 Terphenyl-d14
 Concen: 99.91 ng/mL
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF078926.D
 Acq: 4 May 2015 18:50

Instrument :
 BNA_F
 ClientSampleID :
 PS-25-0-25

Tot Ion:244 Resp: 1014520
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 13.6 10.3 15.5

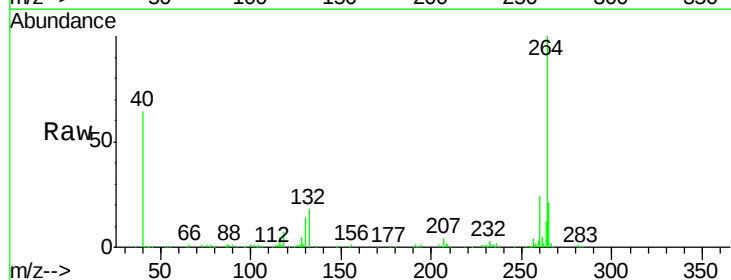


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1467
 Delta R.T. -0.29 min
 Lab File: BF078926.D
 Acq: 4 May 2015 18:50

Tgt Ion:264 Resp: 241390
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.4 18.3 27.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

