

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
 Data File : BF077401.D
 Acq On : 23 Feb 2015 13:19
 Operator : TP/IZ
 Sample : G1332-11 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-4

Quant Time: Feb 24 00:08:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 23 23:58:25 2015
 Response via : Initial Calibration

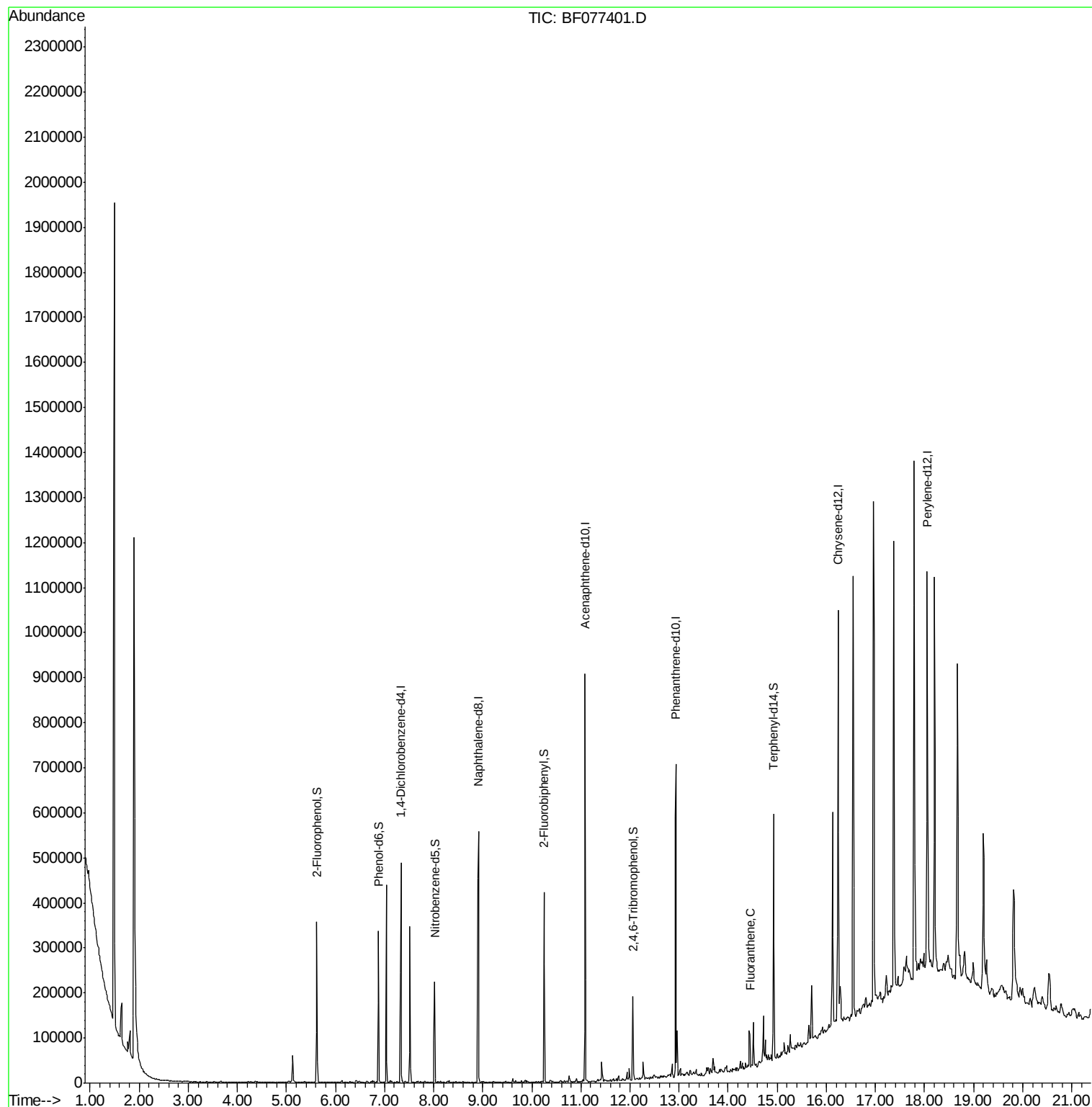
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	90270	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	354101	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	182833	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	365666	20.00	ng	0.00
75) Chrysene-d12	16.24	240	392680	20.00	ng	-0.02
86) Perylene-d12	18.05	264	400682	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	105475	19.51	ng	0.00
7) Phenol-d6	6.88	99	135805	19.53	ng	-0.01
23) Nitrobenzene-d5	8.02	82	74274	13.04	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	31165	17.70	ng	0.00
44) 2-Fluorobiphenyl	10.25	172	171897	14.66	ng	-0.01
78) Terphenyl-d14	14.92	244	210341	12.52	ng	-0.01
Target Compounds						
74) Fluoranthene	14.44	202	49994	2.16	ng	Qvalue 97

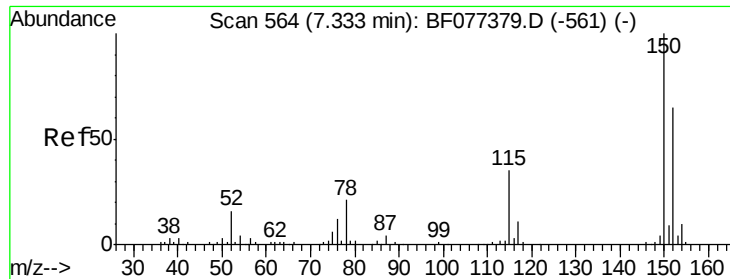
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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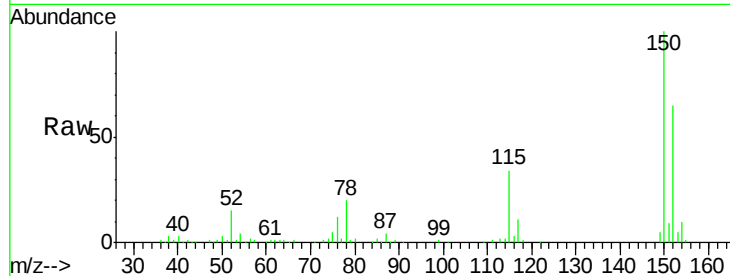


#1

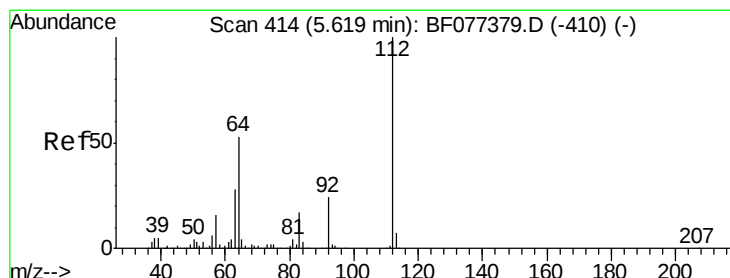
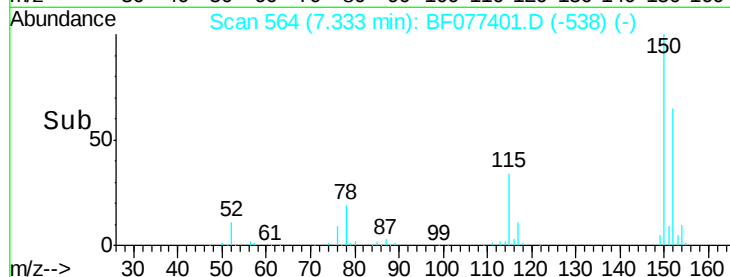
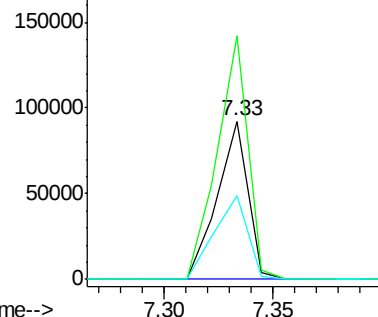
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077401.D
Acq: 23 Feb 2015 13:19

Instrument :
BNA_F
ClientSampleId :
HF-4

Tot Ion:152 Resp: 90270
Ion Ratio Lower Upper
152 100
150 153.8 124.0 186.0
115 52.4 49.4 74.2



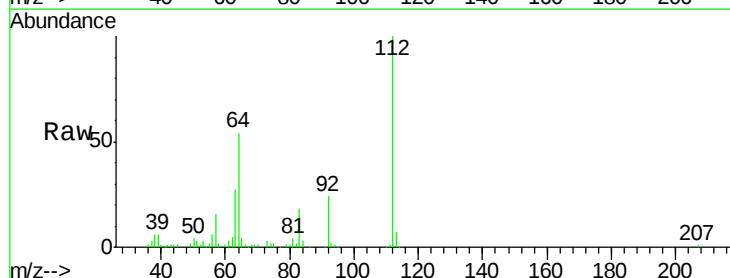
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



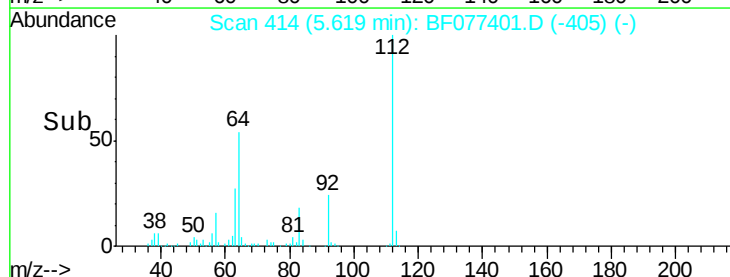
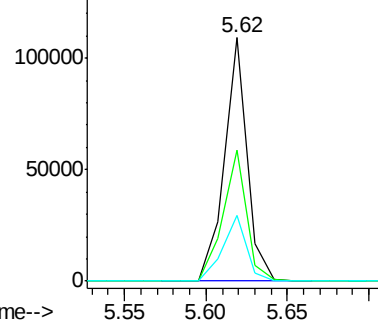
#5

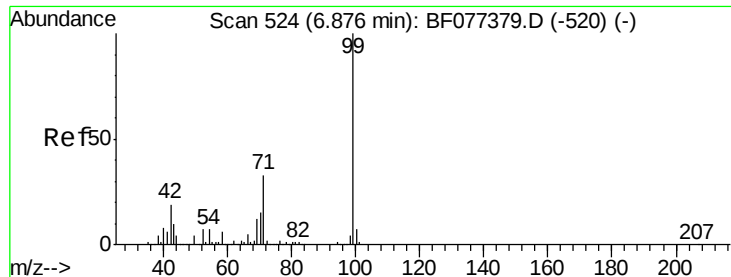
2-Fluorophenol
Concen: 19.51 ng
RT: 5.62 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF077401.D
Acq: 23 Feb 2015 13:19

Tgt Ion:112 Resp: 105475
Ion Ratio Lower Upper
112 100
64 54.0 48.5 72.7
63 26.7 25.0 37.4



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: 19.53 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF077401.D

Acq: 23 Feb 2015 13:19

Instrument :

BNA_F

ClientSampleId :

HF-4

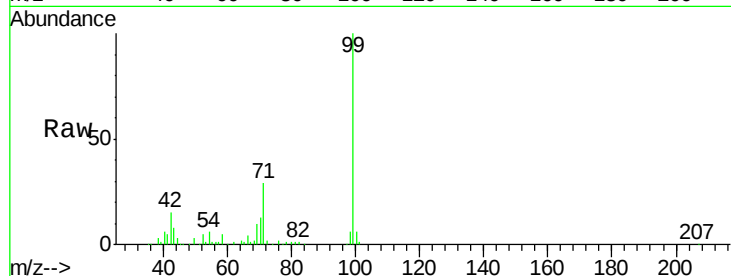
Tot Ion: 99 Resp: 135805

Ion Ratio Lower Upper

99 100

42 14.5 16.2 24.4#

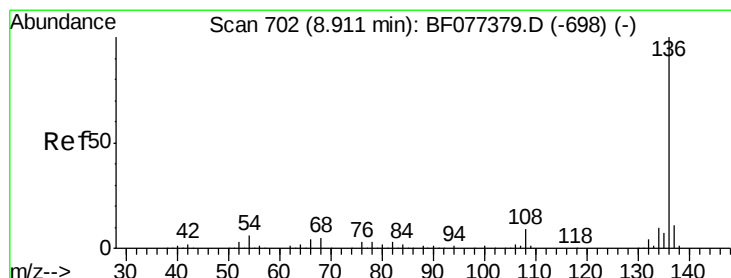
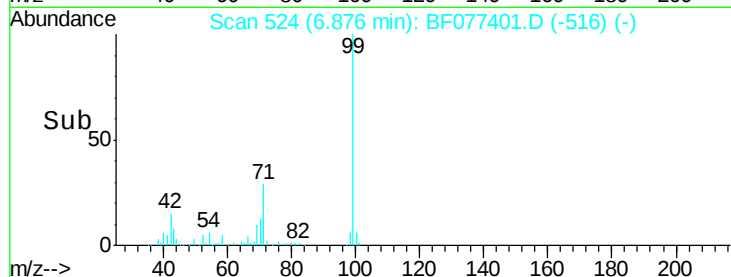
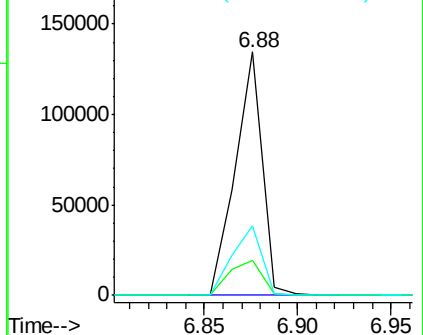
71 28.7 26.7 40.1



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: 8.91 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF077401.D

Acq: 23 Feb 2015 13:19

Tgt Ion:136 Resp: 354101

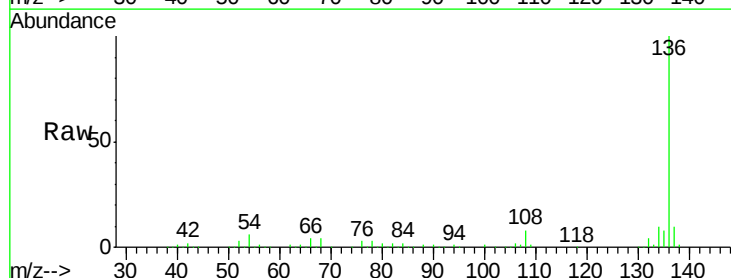
Ion Ratio Lower Upper

136 100

137 10.1 8.6 13.0

54 5.7 6.2 9.4#

68 4.4 5.0 7.6#

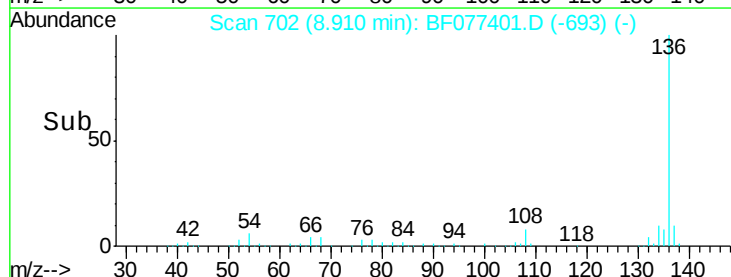
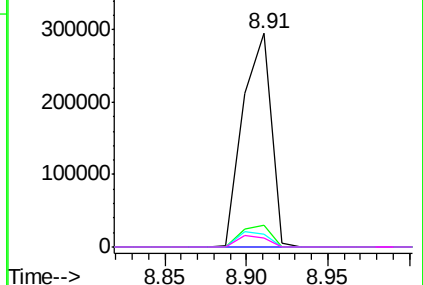


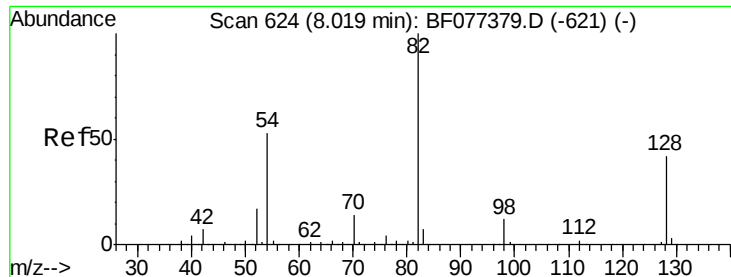
Abundance Ion 136.00 (135.70 to 136.70): E

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

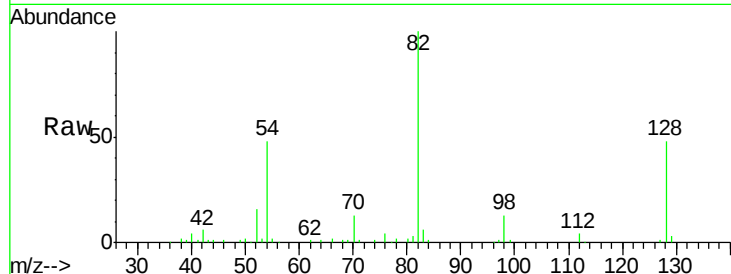




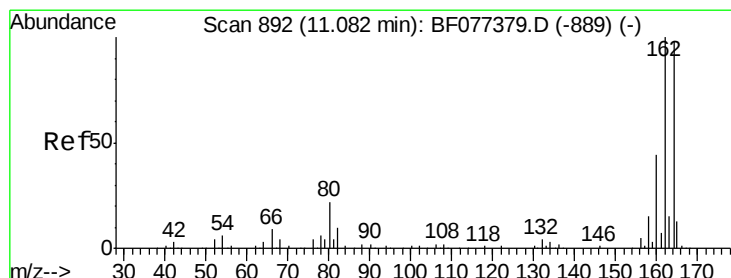
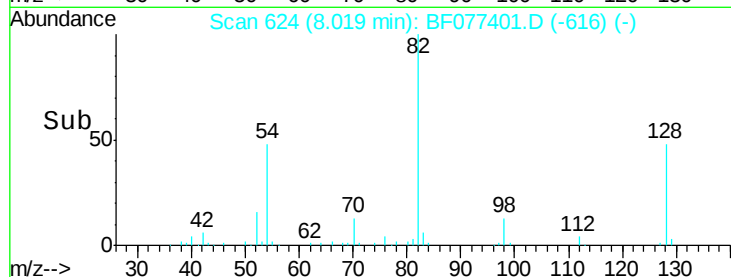
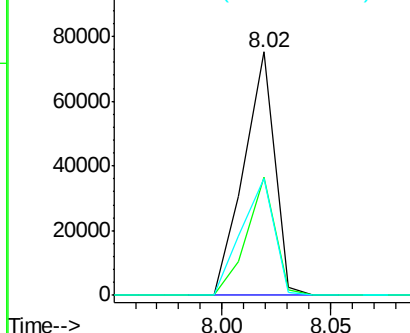
#23
Nitrobenzene-d5
Concen: 13.04 ng
RT: 8.02 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF077401.D
Acq: 23 Feb 2015 13:19

Instrument :
BNA_F
ClientSampled :
HF-4

Tot Ion: 82 Resp: 74274
Ion Ratio Lower Upper
82 100
128 48.4 43.8 65.8
54 48.1 36.7 55.1

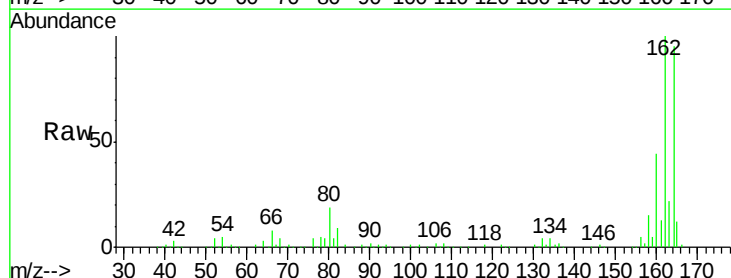


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

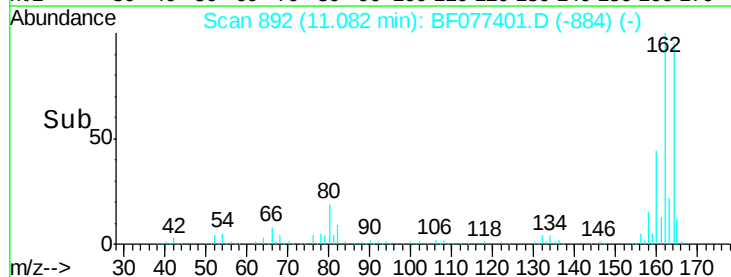
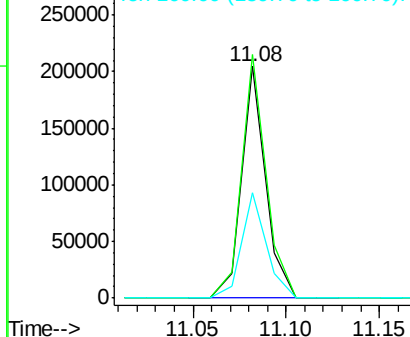


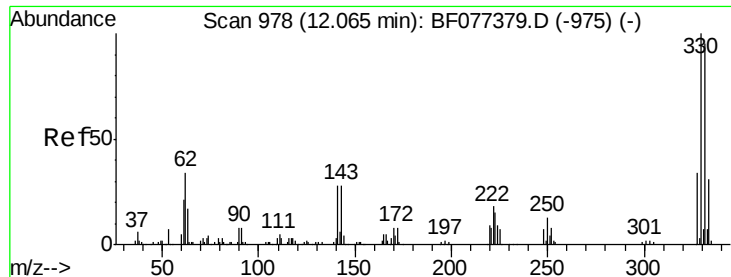
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF077401.D
Acq: 23 Feb 2015 13:19

Tgt Ion: 164 Resp: 182833
Ion Ratio Lower Upper
164 100
162 105.2 83.2 124.8
160 45.8 34.6 52.0



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

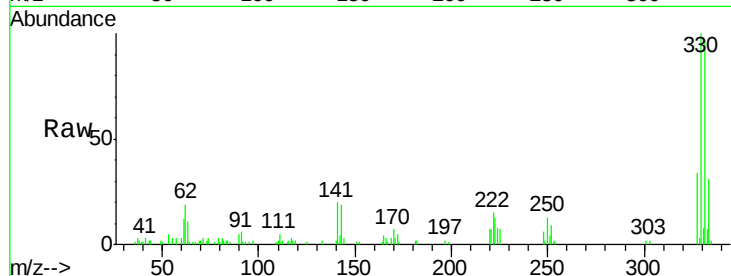




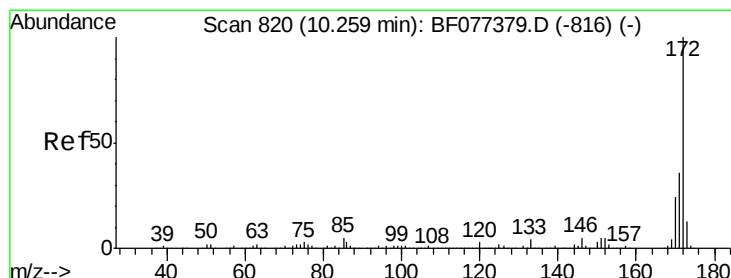
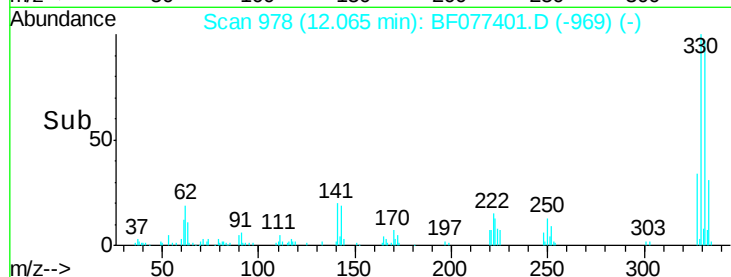
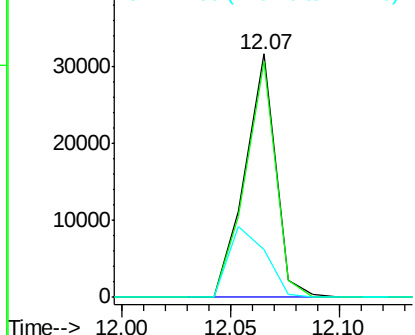
#41
 2,4,6-Tribromophenol
 Concen: 17.70 ng
 RT: 12.07 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF077401.D
 Acq: 23 Feb 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 HF-4

Tot Ion:330 Resp: 31165
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 34.8 28.8 43.2

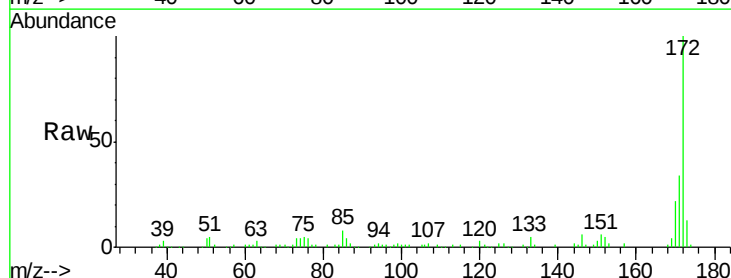


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

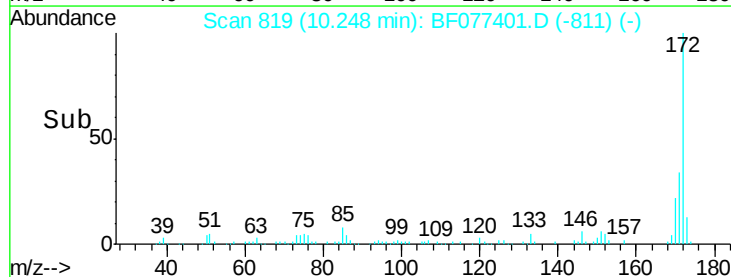
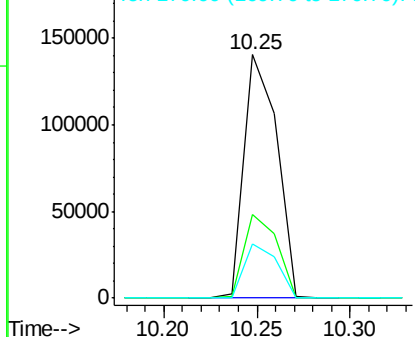


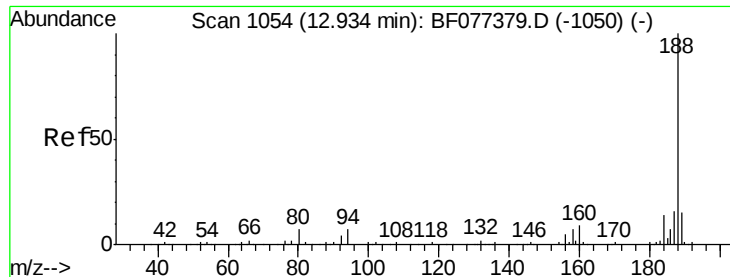
#44
 2-Fluorobiphenyl
 Concen: 14.66 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF077401.D
 Acq: 23 Feb 2015 13:19

Tgt Ion:172 Resp: 171897
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.9 43.3
 170 22.5 19.4 29.2



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

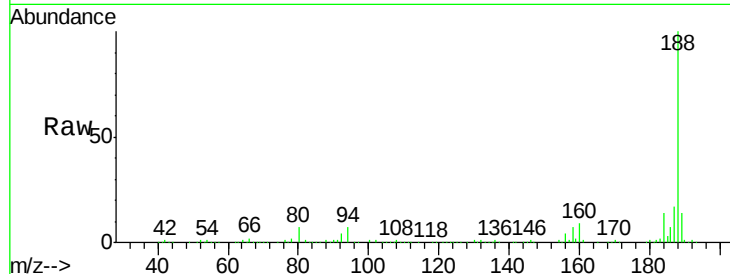




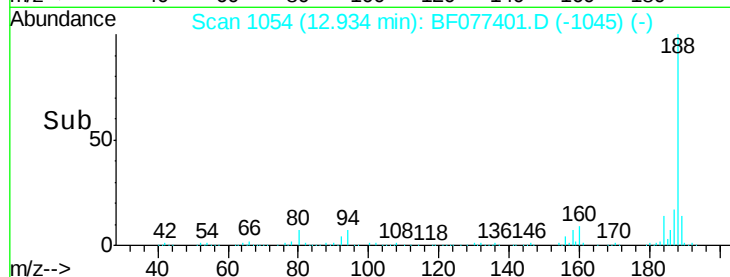
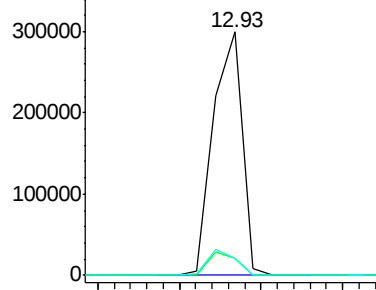
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF077401.D
Acq: 23 Feb 2015 13:19

Instrument :
BNA_F
ClientSampleId :
HF-4

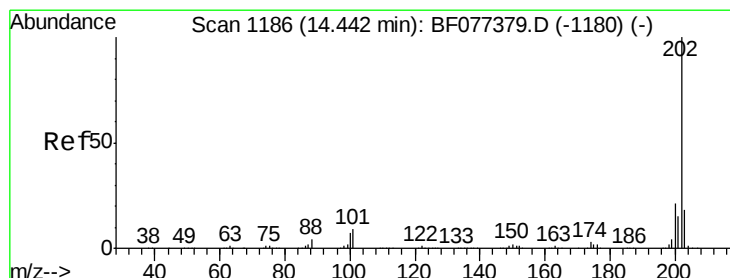
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.4	11.2#
80	7.0	8.0	12.0#



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

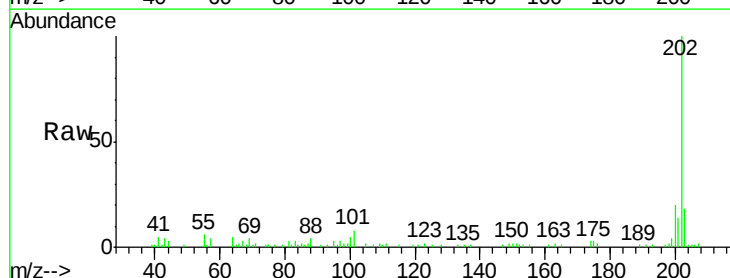


Time--> 12.85 12.90 12.95 13.00

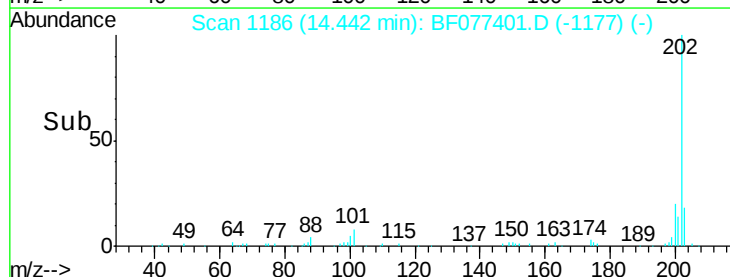
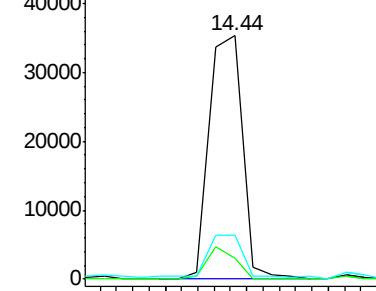


#74
Fluoranthene
Concen: 2.16 ng
RT: 14.44 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF077401.D
Acq: 23 Feb 2015 13:19

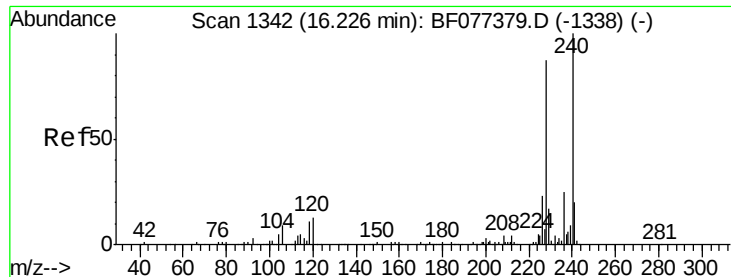
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.8
203	18.1	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 14.40 14.45 14.50



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.24 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BF077401.D

Acq: 23 Feb 2015 13:19

Instrument :

BNA_F

ClientSampleId :

HF-4

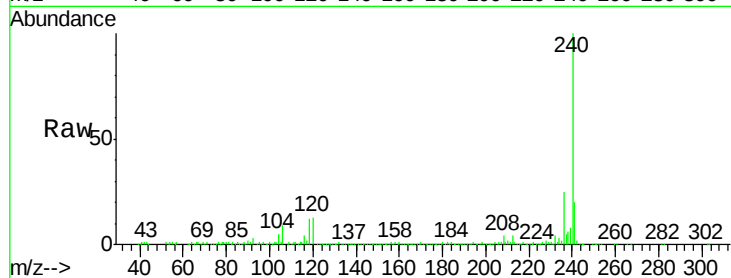
Tot Ion:240 Resp: 392680

Ion Ratio Lower Upper

240 100

120 13.3 8.8 13.2#

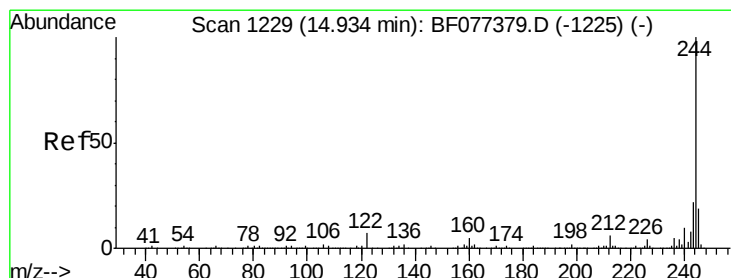
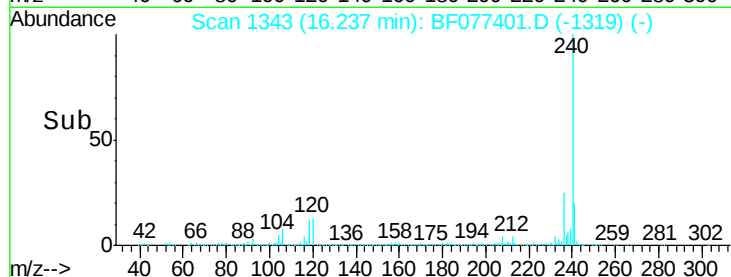
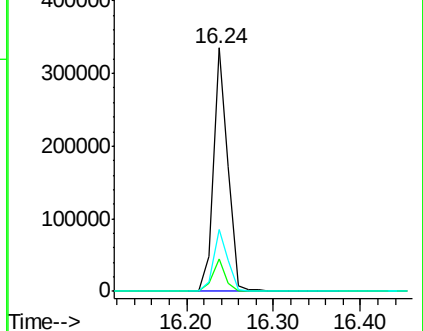
236 25.5 20.7 31.1



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



#78

Terphenyl-d14

Concen: 12.52 ng

RT: 14.92 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF077401.D

Acq: 23 Feb 2015 13:19

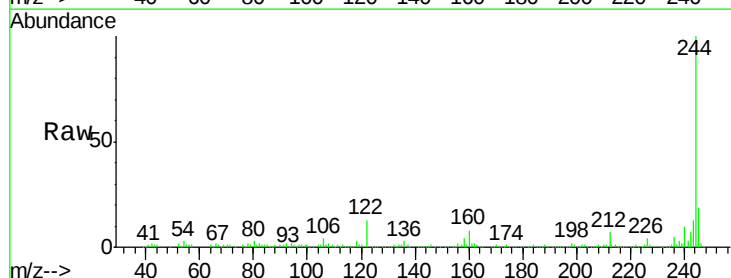
Tgt Ion:244 Resp: 210341

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

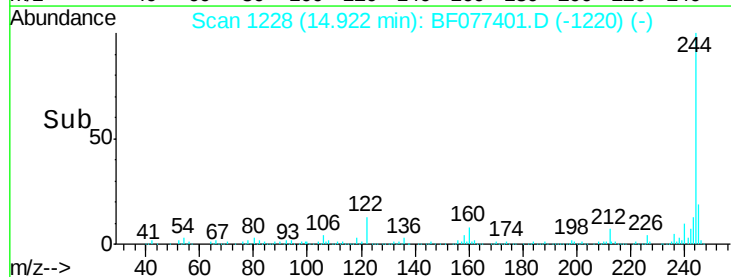
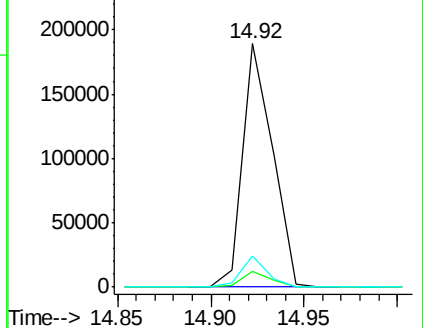
122 12.7 7.8 11.8#

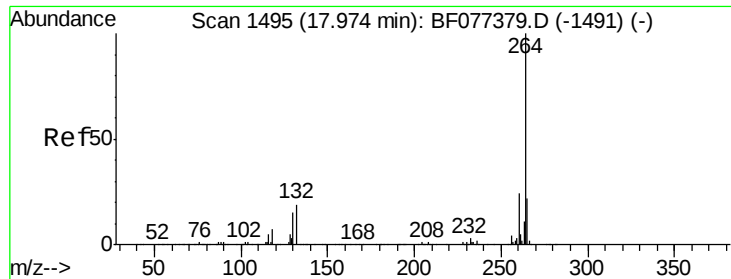


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.05 min Scan# 1502
Delta R.T. -0.05 min
Lab File: BF077401.D
Acq: 23 Feb 2015 13:19

Instrument :
BNA_F
ClientSampleId :
HF-4

Tot Ion: 264 Resp: 400682

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	22.5	16.8	25.2

