

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
 Data File : BF077398.D
 Acq On : 23 Feb 2015 11:50
 Operator : TP/IZ
 Sample : G1332-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-1

Quant Time: Feb 24 00:07:33 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

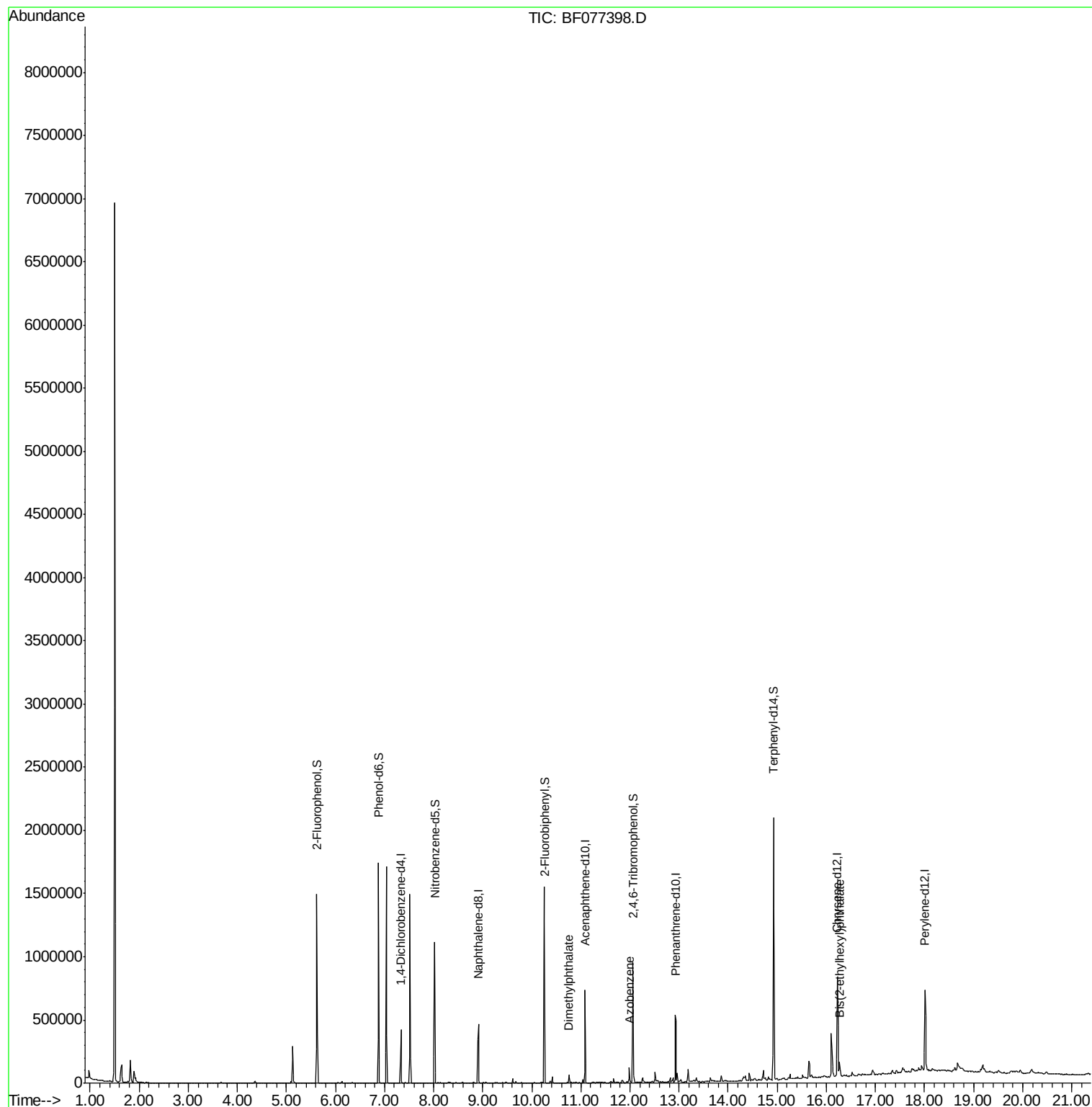
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	72873	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	283223	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	144113	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	294775	20.00	ng	0.00
75) Chrysene-d12	16.23	240	328470	20.00	ng	-0.03
86) Perylene-d12	18.01	264	324453	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	444196	101.76	ng	0.00
7) Phenol-d6	6.88	99	558328	99.48	ng	-0.01
23) Nitrobenzene-d5	8.02	82	327490	71.90	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	147115	106.02	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	706431	76.43	ng	0.00
78) Terphenyl-d14	14.92	244	905304	64.43	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.75	163	34871	3.44	ng	Qvalue 98
62) Azobenzene	11.99	77	20874	2.20	ng	# 1
83) Bis(2-ethylhexyl)phthalate	16.27	149	33386	2.52	ng	# 97

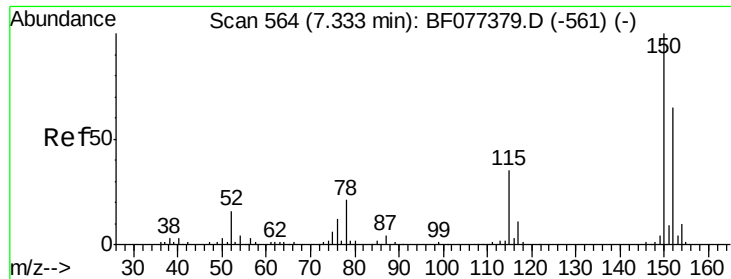
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077398.D

Acq: 23 Feb 2015 11:50

Instrument :

BNA_F

ClientSampleId :

HF-1

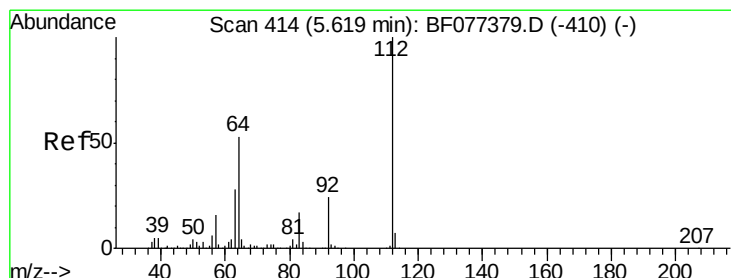
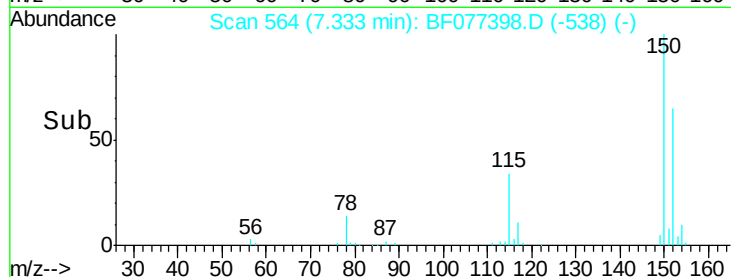
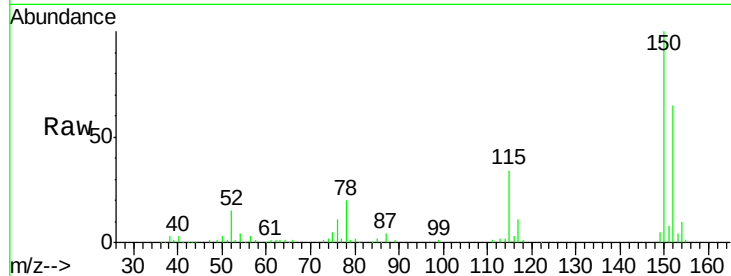
Tgt Ion:152 Resp: 72873

Ion Ratio Lower Upper

152 100

150 153.4 124.0 186.0

115 52.5 49.4 74.2



#5

2-Fluorophenol

Concen: 101.76 ng

RT: 5.62 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF077398.D

Acq: 23 Feb 2015 11:50

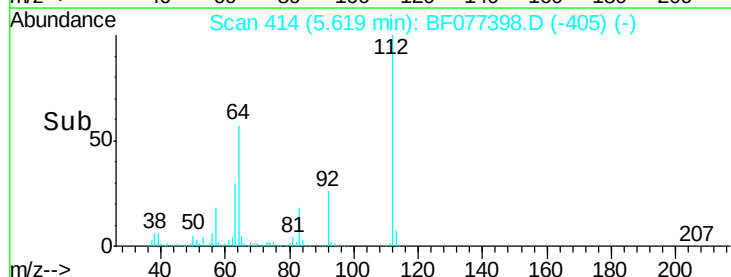
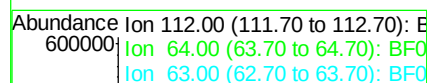
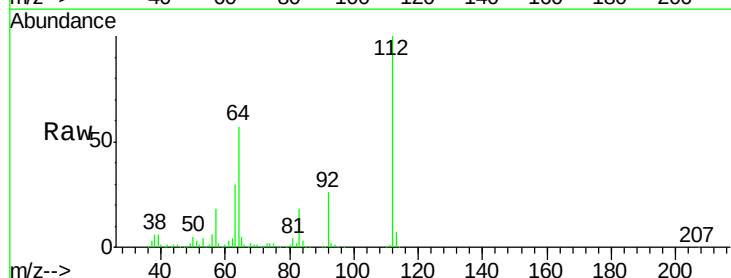
Tgt Ion:112 Resp: 444196

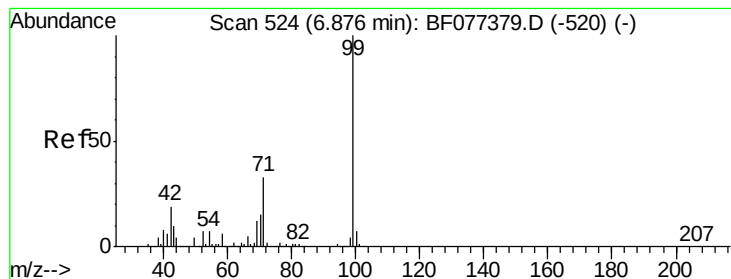
Ion Ratio Lower Upper

112 100

64 57.4 48.5 72.7

63 29.9 25.0 37.4





#7

Phenol-d6

Concen: 99.48 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF077398.D

Acq: 23 Feb 2015 11:50

Instrument :

BNA_F

ClientSampleId :

HF-1

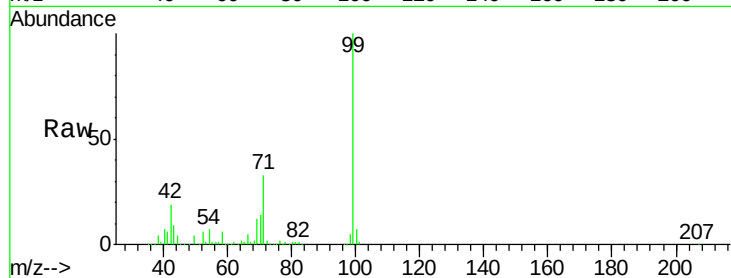
Tgt Ion: 99 Resp: 558328

Ion Ratio Lower Upper

99 100

42 18.6 16.2 24.4

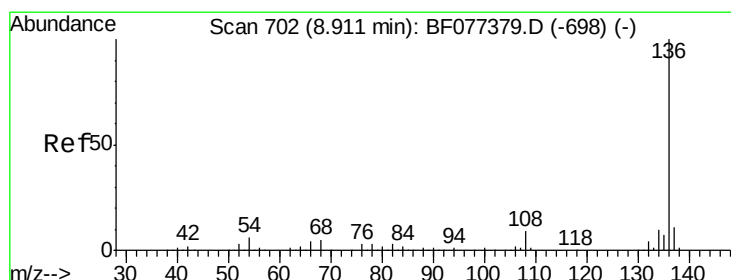
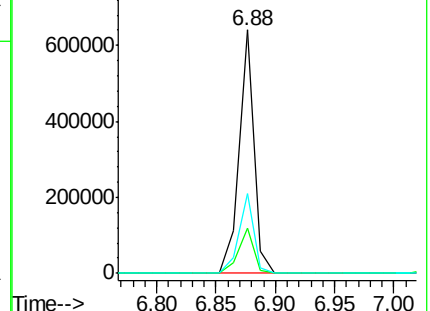
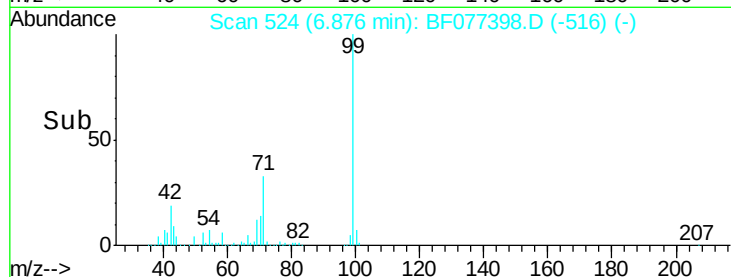
71 32.7 26.7 40.1



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: BF077398.D

Acq: 23 Feb 2015 11:50

Tgt Ion: 136 Resp: 283223

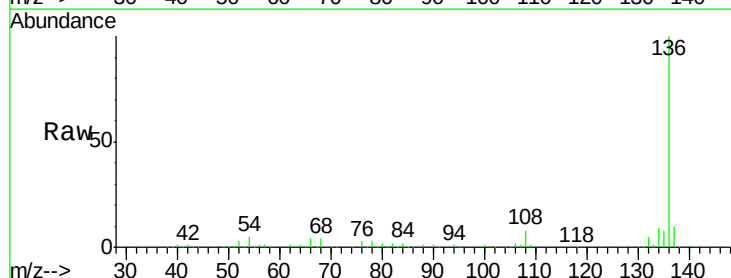
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.3 6.2 9.4#

68 4.3 5.0 7.6#

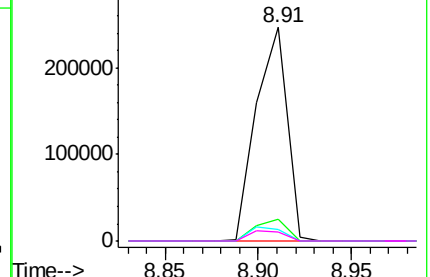
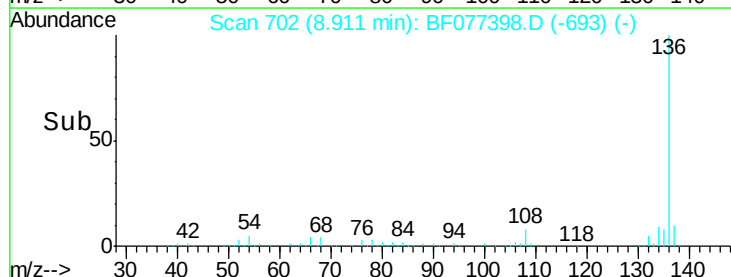


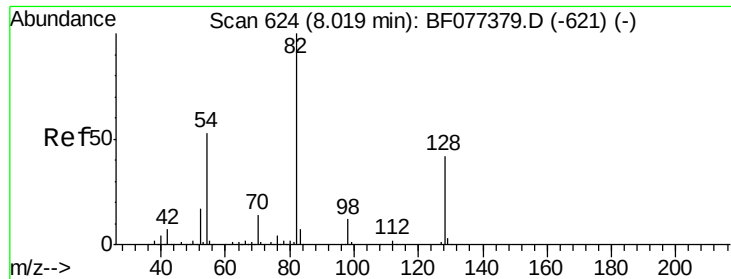
Abundance Ion 136.00 (135.70 to 136.70): E

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

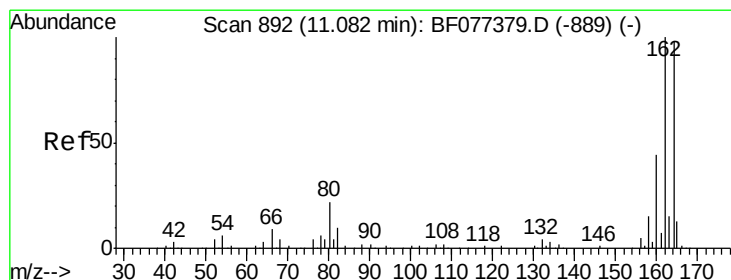
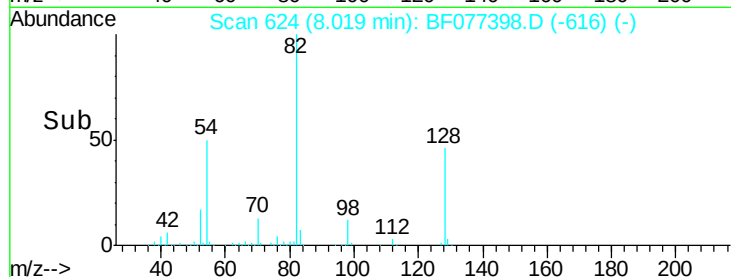
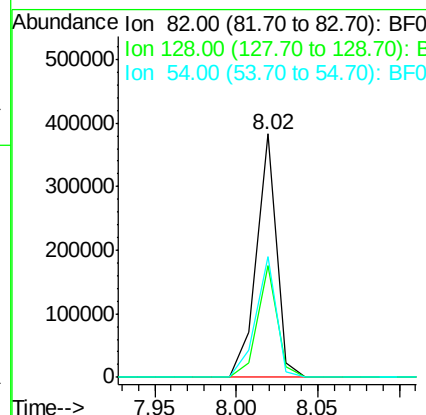
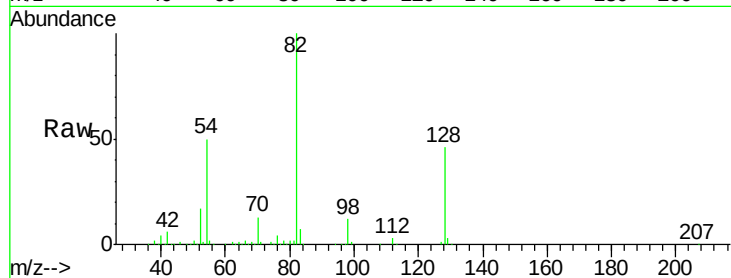




#23
 Nitrobenzene-d5
 Concen: 71.90 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF077398.D
 Acq: 23 Feb 2015 11:50

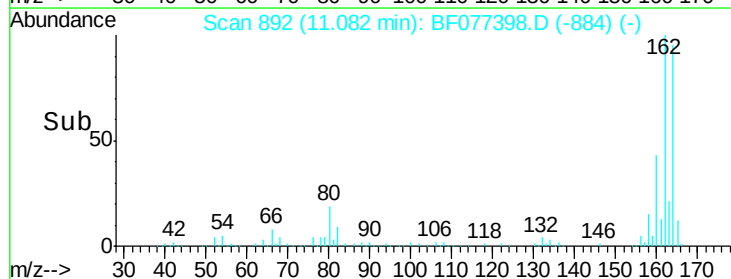
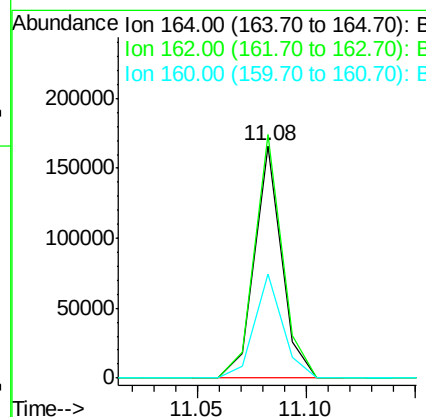
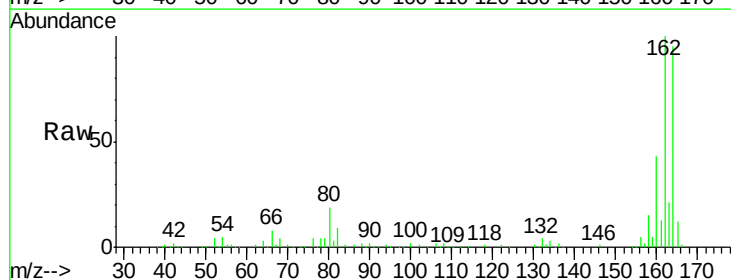
Instrument :
 BNA_F
 ClientSampled :
 HF-1

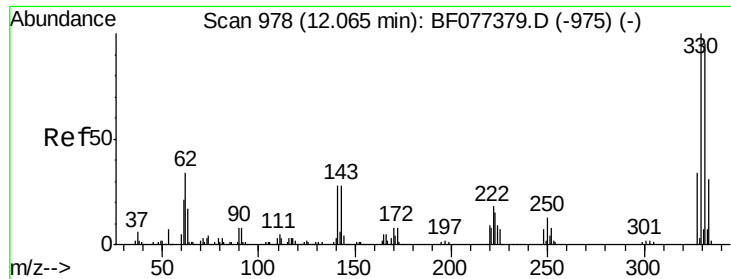
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	43.8	65.8
54	49.6	36.7	55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF077398.D
 Acq: 23 Feb 2015 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.2	124.8
160	44.8	34.6	52.0

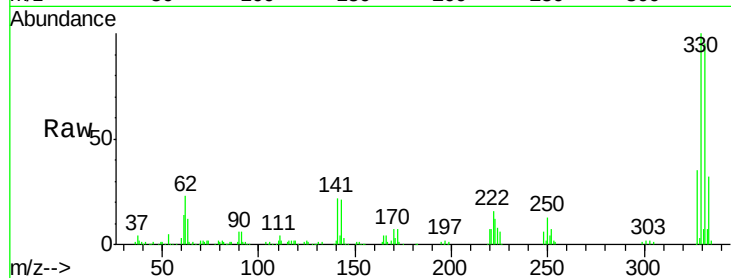




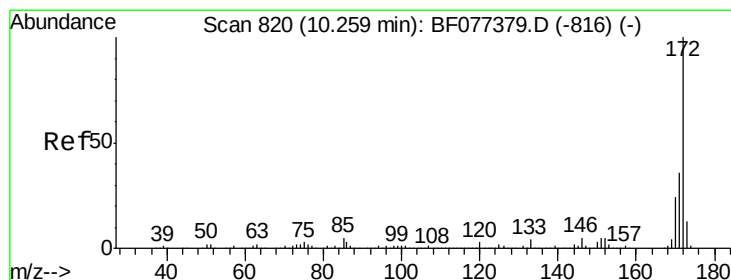
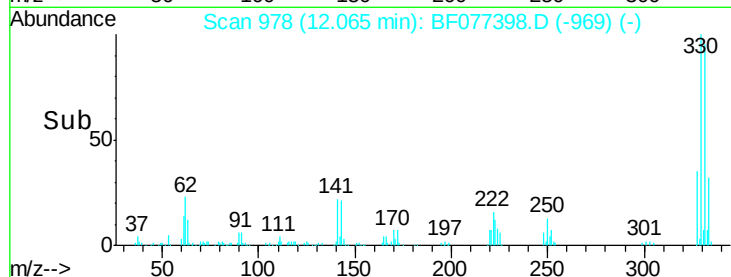
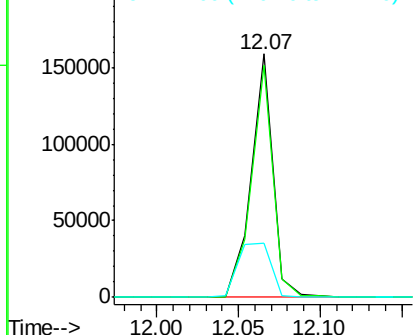
#41
 2,4,6-Tribromophenol
 Concen: 106.02 ng
 RT: 12.07 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF077398.D
 Acq: 23 Feb 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :
 HF-1

Tgt Ion:330 Resp: 147115
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 34.0 28.8 43.2

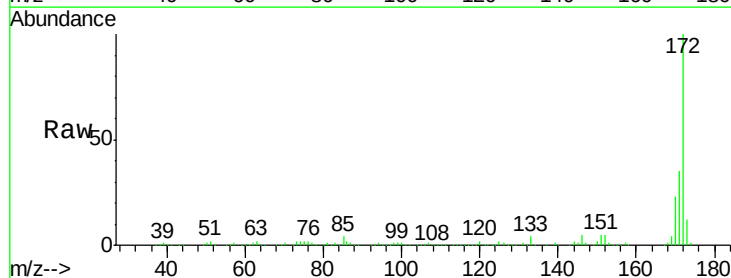


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

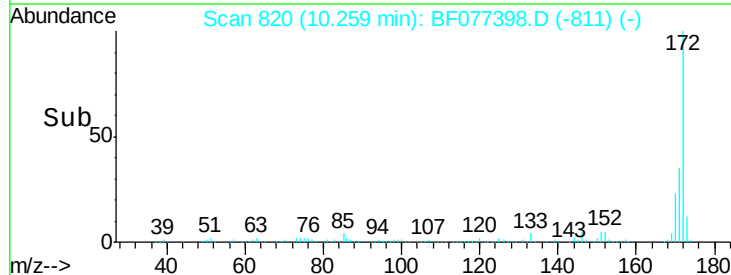
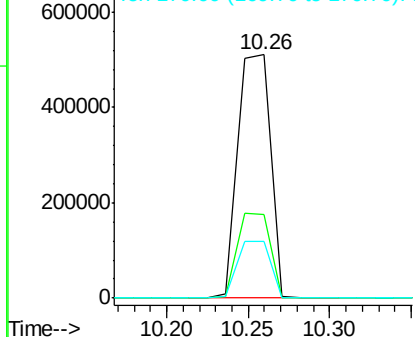


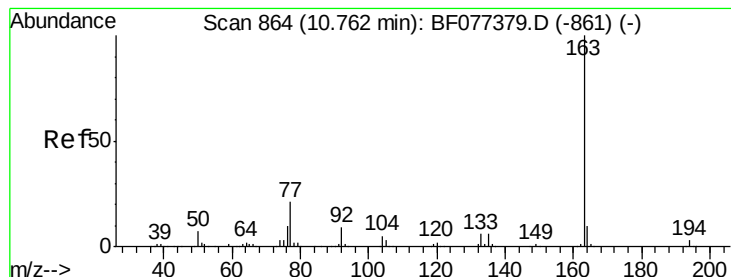
#44
 2-Fluorobiphenyl
 Concen: 76.43 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077398.D
 Acq: 23 Feb 2015 11:50

Tgt Ion:172 Resp: 706431
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.9 43.3
 170 23.1 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





#49

Dimethylphthalate

Concen: 3.44 ng

RT: 10.75 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF077398.D

Acq: 23 Feb 2015 11:50

Instrument :

BNA_F

ClientSampleId :

HF-1

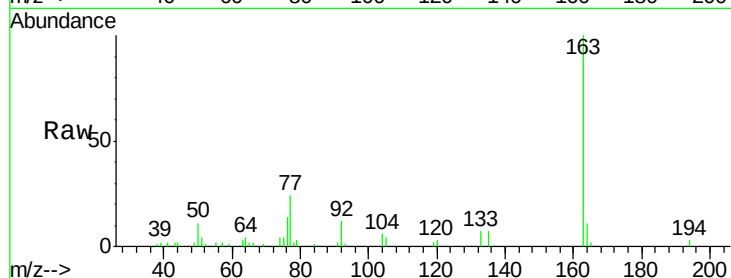
Tgt Ion: 163 Resp: 34871

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

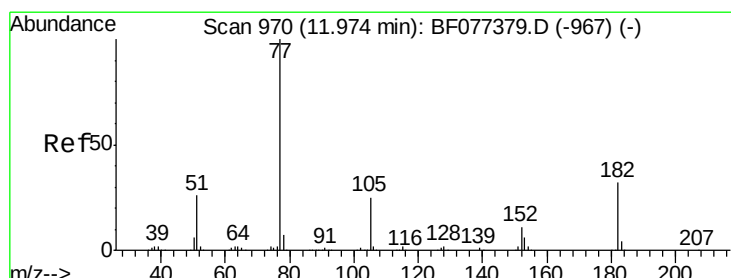
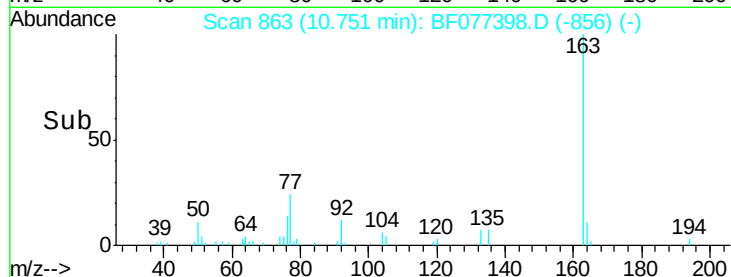
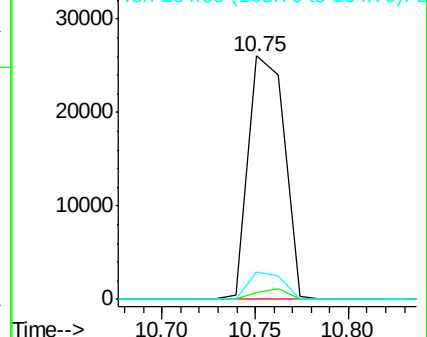
164 11.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 2.20 ng

RT: 11.99 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF077398.D

Acq: 23 Feb 2015 11:50

Tgt Ion: 77 Resp: 20874

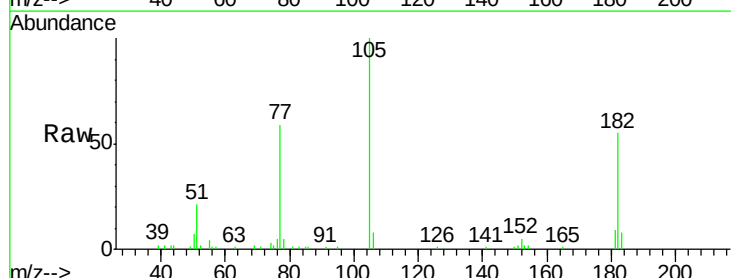
Ion Ratio Lower Upper

77 100

182 94.1 4.9 44.9#

105 170.9 3.3 43.3#

51 36.7 8.9 48.9

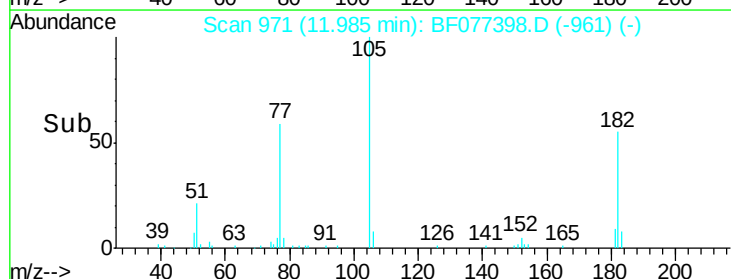
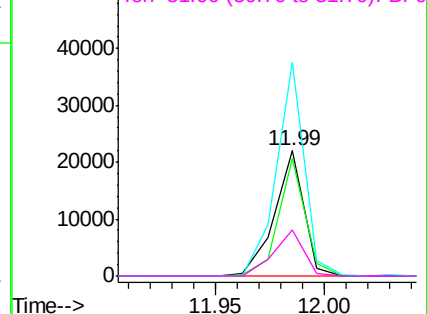


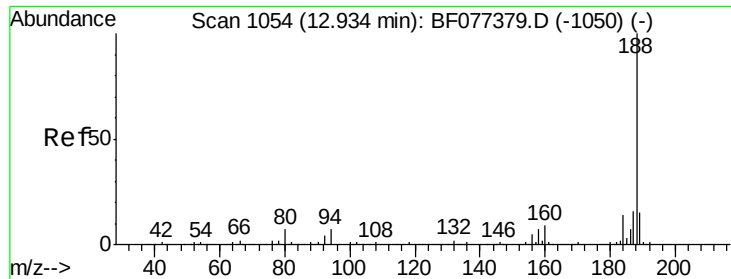
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

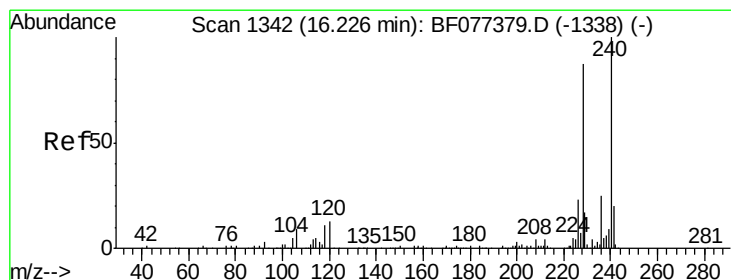
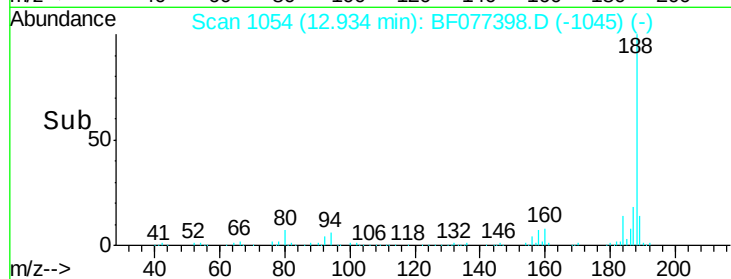
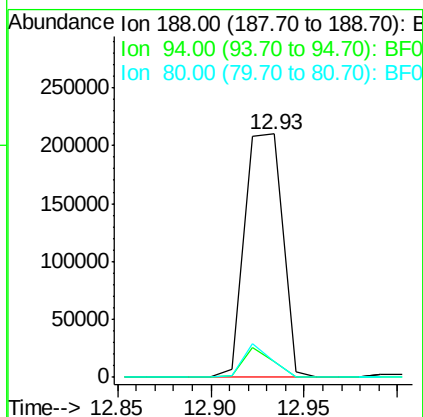
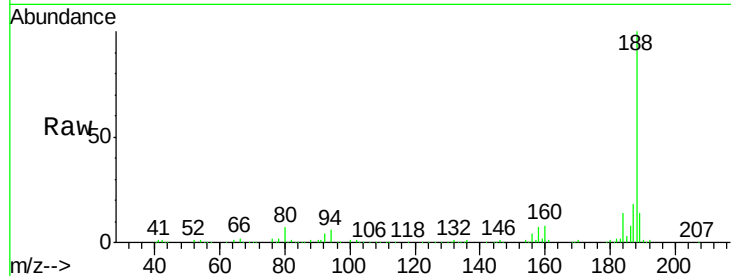




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF077398.D
Acq: 23 Feb 2015 11:50

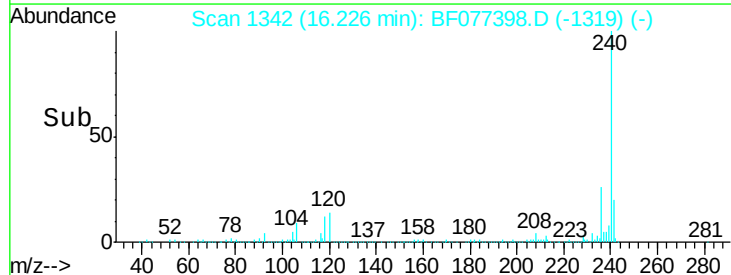
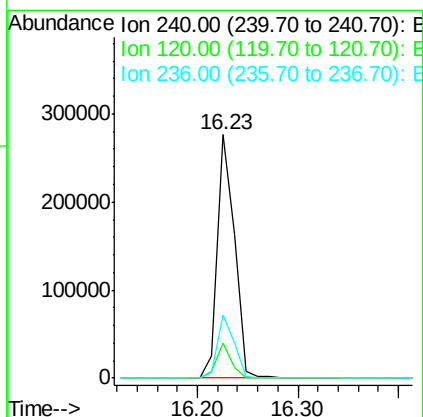
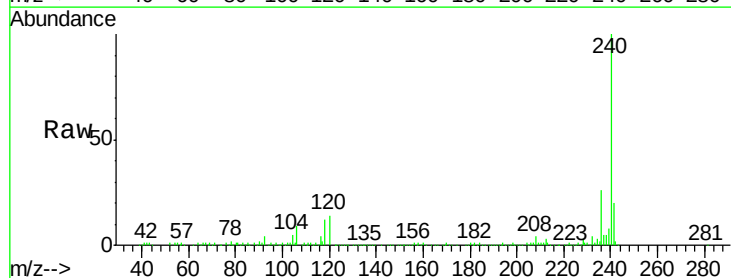
Instrument :
BNA_F
ClientSampled :
HF-1

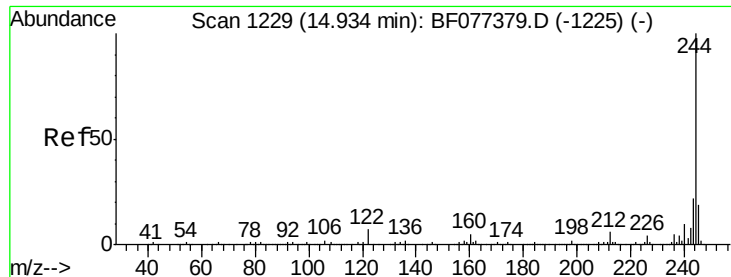
Tgt Ion:188 Resp: 294775
Ion Ratio Lower Upper
188 100
94 6.5 7.4 11.2#
80 6.7 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BF077398.D
Acq: 23 Feb 2015 11:50

Tgt Ion:240 Resp: 328470
Ion Ratio Lower Upper
240 100
120 14.3 8.8 13.2#
236 25.7 20.7 31.1

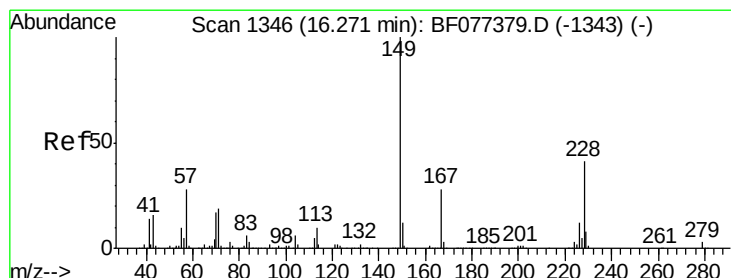
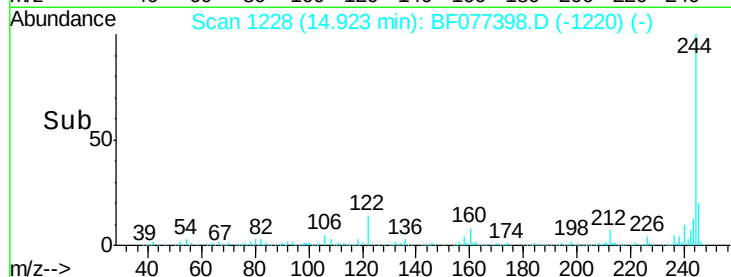
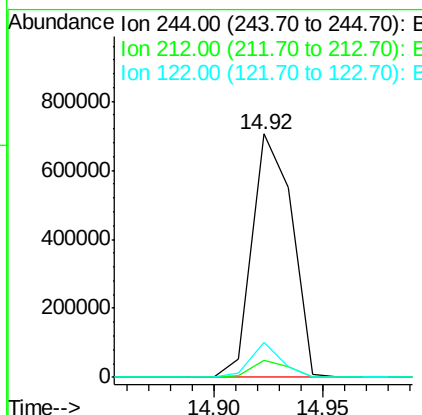
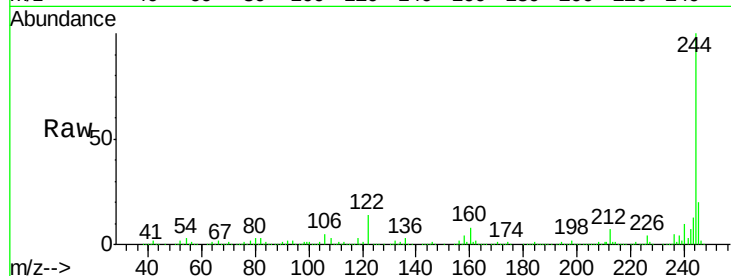




#78
 Terphenyl-d14
 Concen: 64.43 ng
 RT: 14.92 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF077398.D
 Acq: 23 Feb 2015 11:50

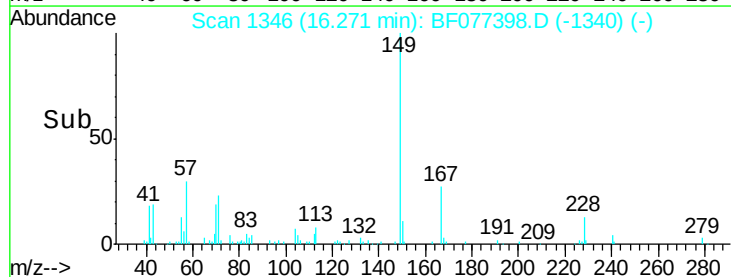
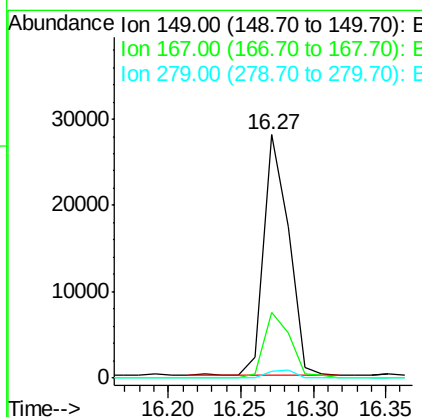
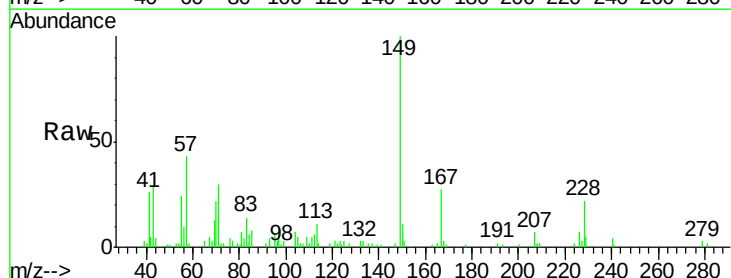
Instrument :
 BNA_F
 ClientSampleId :
 HF-1

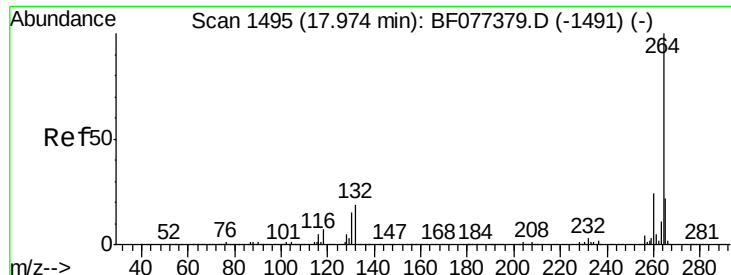
Tgt Ion: 244 Resp: 905304
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 14.3 7.8 11.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.52 ng
 RT: 16.27 min Scan# 1346
 Delta R.T. -0.03 min
 Lab File: BF077398.D
 Acq: 23 Feb 2015 11:50

Tgt Ion: 149 Resp: 33386
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.8 34.2
 279 2.7 3.8 5.6#

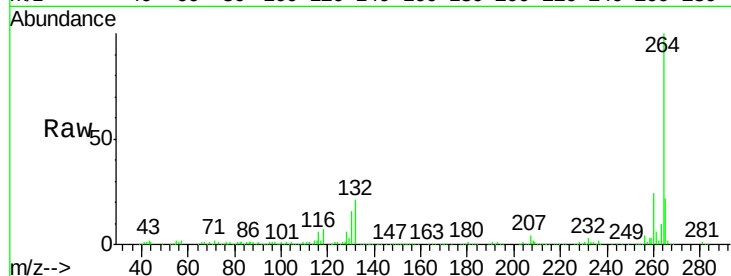




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1498
Delta R.T. -0.09 min
Lab File: BF077398.D
Acq: 23 Feb 2015 11:50

Instrument :
BNA_F
ClientSampleId :
HF-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.1	16.8	25.2



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

