

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077464.D
 Acq On : 26 Feb 2015 14:46
 Operator : TP/IZ
 Sample : G1348-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41A-SW-022515

Quant Time: Feb 26 17:32:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 17:14:46 2015
 Response via : Initial Calibration

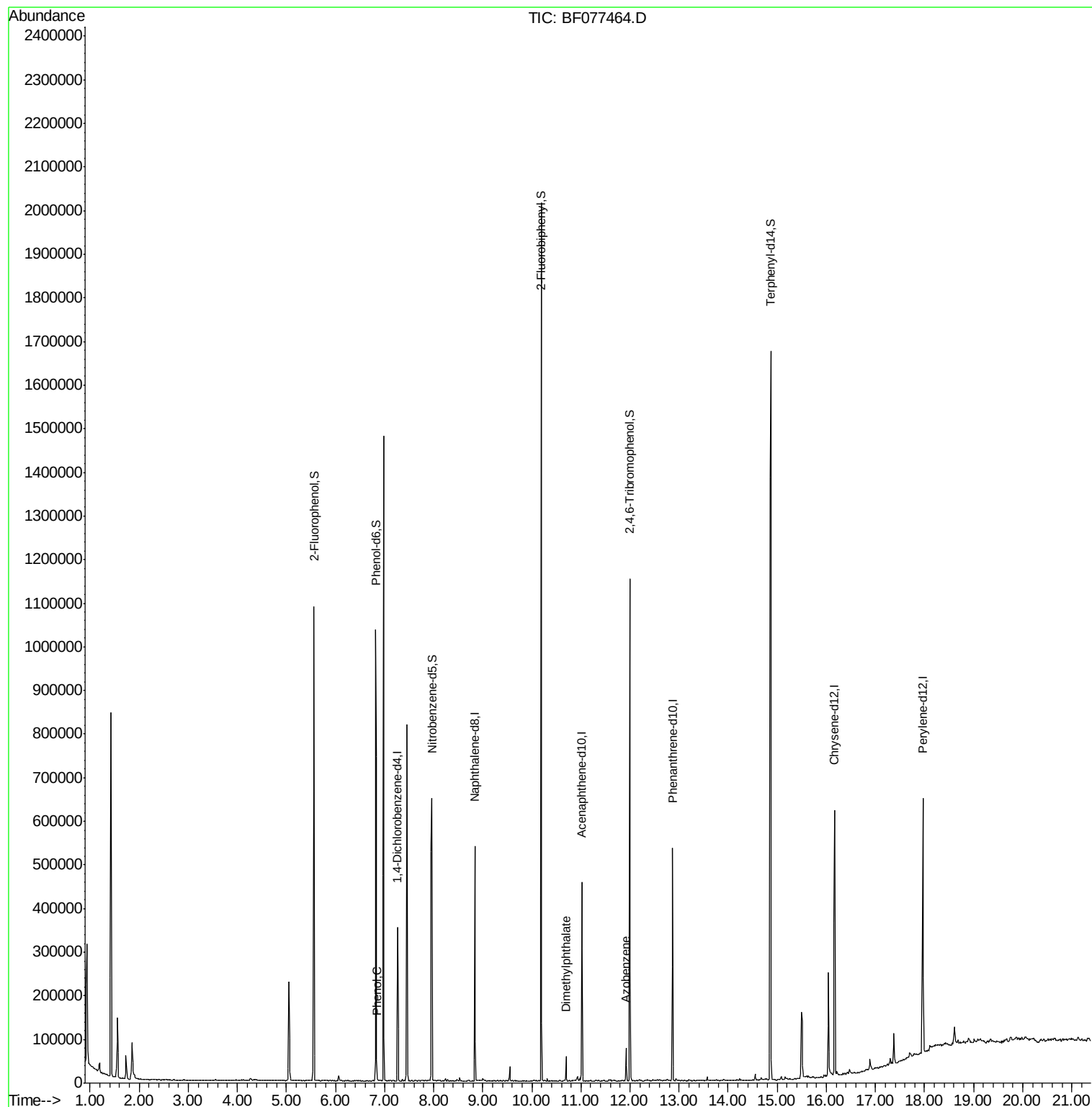
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	58235	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	232719	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	117099	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	233683	20.00	ng	0.00
75) Chrysene-d12	16.17	240	274794	20.00	ng	-0.01
86) Perylene-d12	17.96	264	263712	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	377319	108.17	ng	0.00
7) Phenol-d6	6.82	99	473386	105.55	ng	-0.01
23) Nitrobenzene-d5	7.96	82	280623	74.99	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	138803	123.11	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	625737	83.32	ng	0.00
78) Terphenyl-d14	14.87	244	788610	67.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.84	94	13817	2.60	ng	97
49) Dimethylphthalate	10.69	163	22388	2.72	ng	98
62) Azobenzene	11.92	77	16768	2.18	ng	# 1

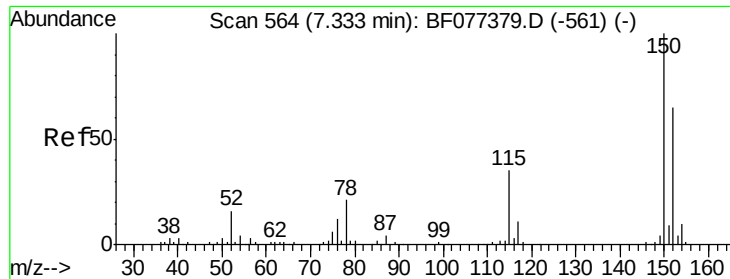
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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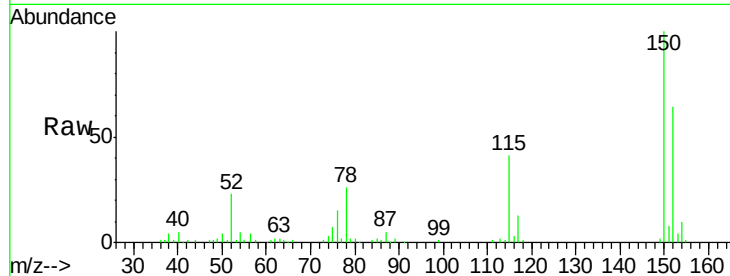


#1

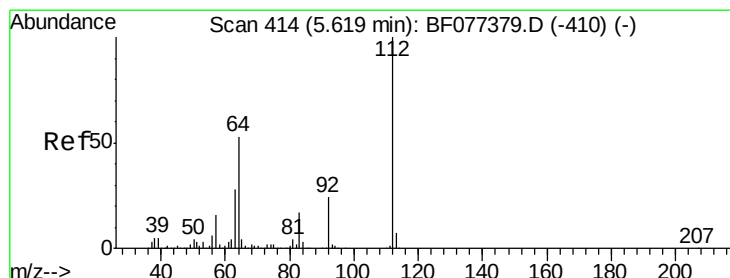
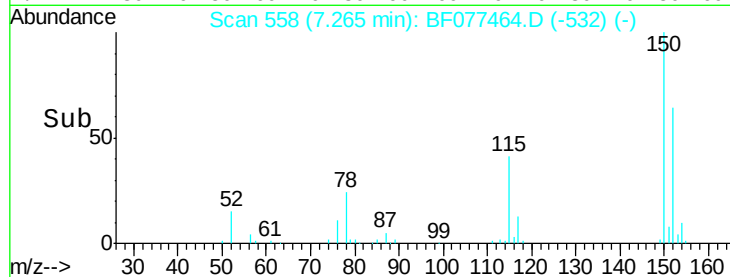
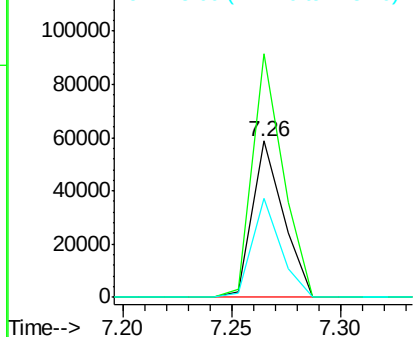
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077464.D
Acq: 26 Feb 2015 14:46

Instrument :
BNA_F
ClientSampleId :
41A-SW-022515

Tgt Ion:152 Resp: 58235
Ion Ratio Lower Upper
152 100
150 155.8 124.0 186.0
115 63.3 49.4 74.2



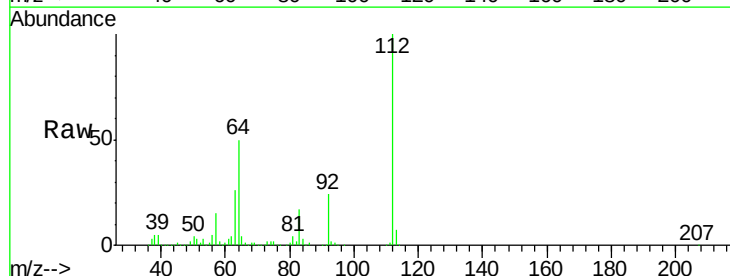
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



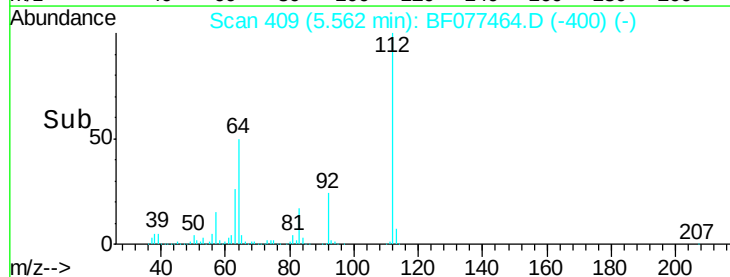
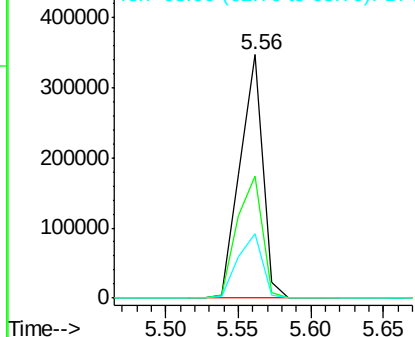
#5

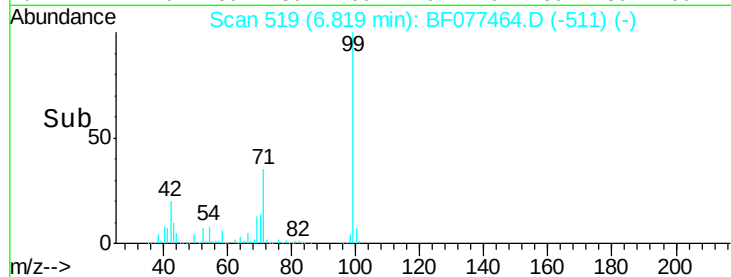
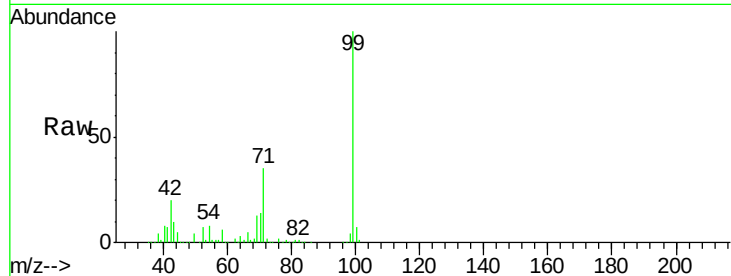
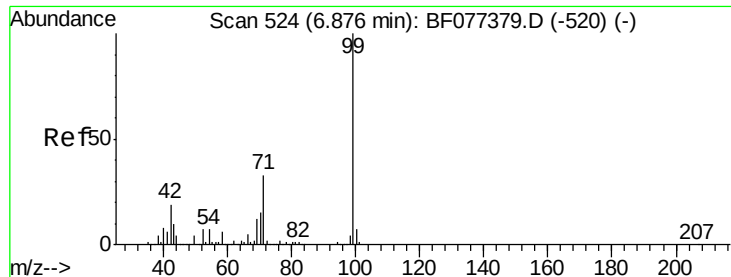
2-Fluorophenol
Concen: 108.17 ng
RT: 5.56 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF077464.D
Acq: 26 Feb 2015 14:46

Tgt Ion:112 Resp: 377319
Ion Ratio Lower Upper
112 100
64 50.1 48.5 72.7
63 26.5 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: 105.55 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF077464.D

Acq: 26 Feb 2015 14:46

Instrument :

BNA_F

ClientSampleId :

41A-SW-022515

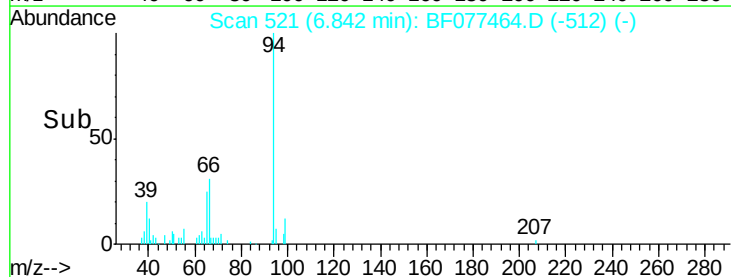
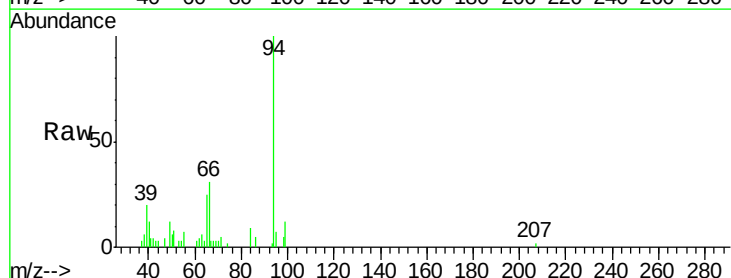
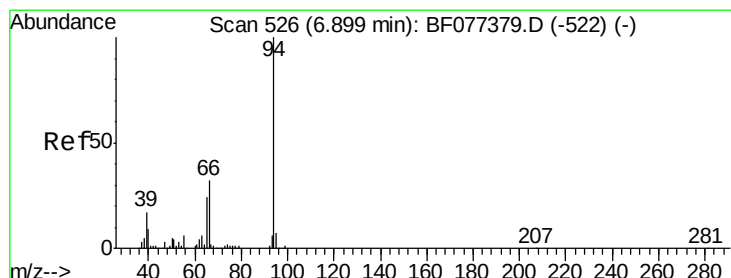
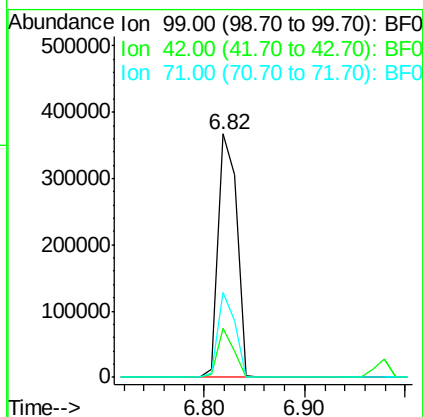
Tgt Ion: 99 Resp: 473386

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.4

71 35.0 26.7 40.1



#10

Phenol

Concen: 2.60 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077464.D

Acq: 26 Feb 2015 14:46

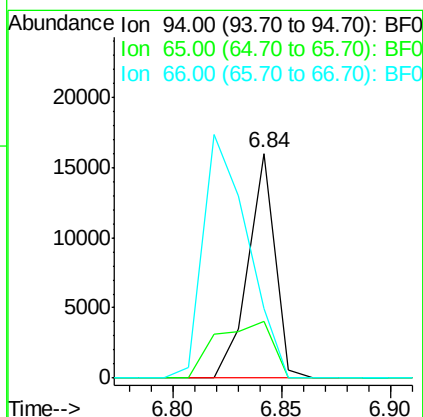
Tgt Ion: 94 Resp: 13817

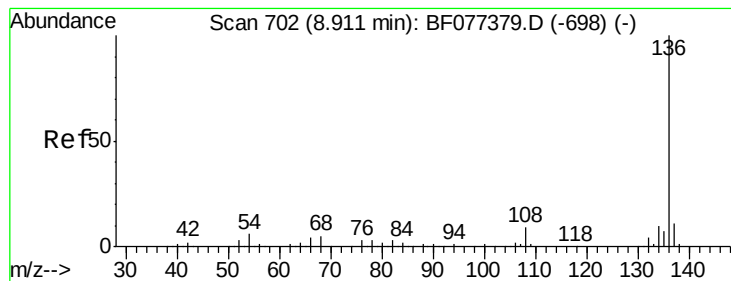
Ion Ratio Lower Upper

94 100

65 25.1 5.7 45.7

66 30.9 13.6 53.6

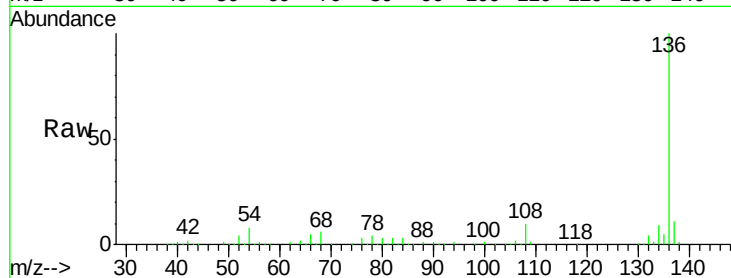




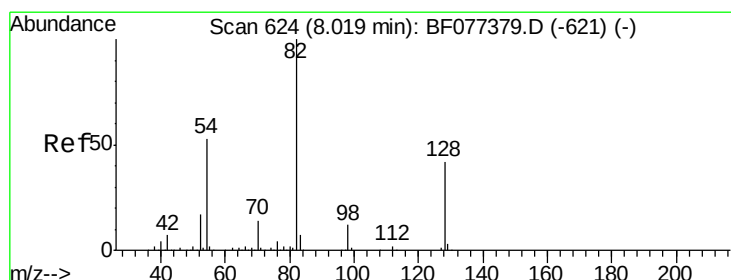
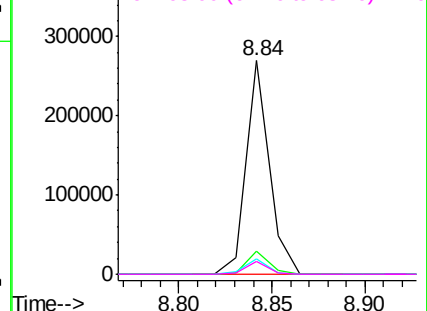
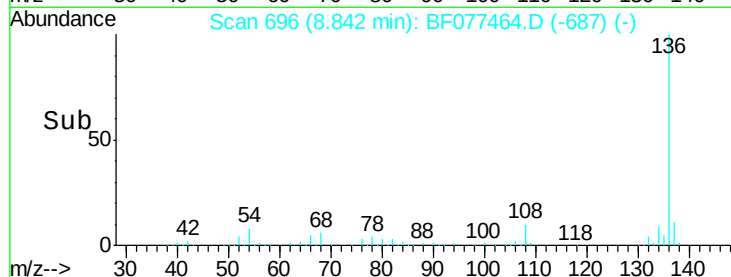
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077464.D
Acq: 26 Feb 2015 14:46

Instrument :
BNA_F
ClientSampleId :
41A-SW-022515

Tgt Ion:	136	Resp:	232719
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.5	6.2	9.4
68	6.1	5.0	7.6

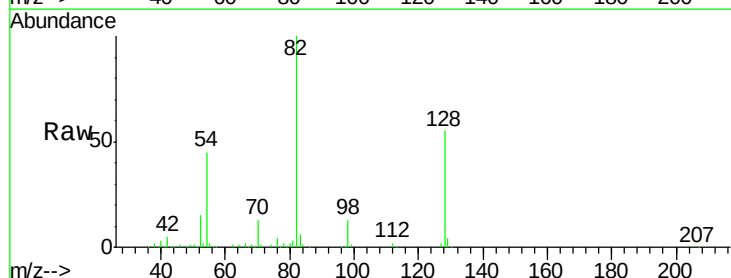


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

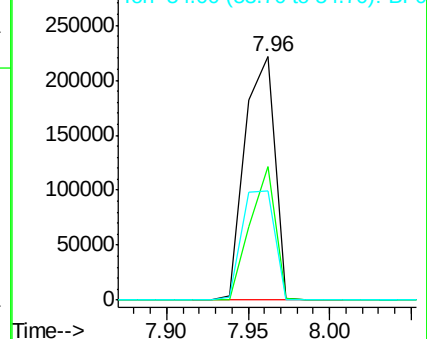
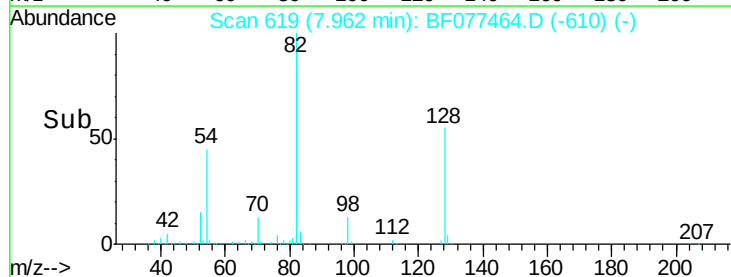


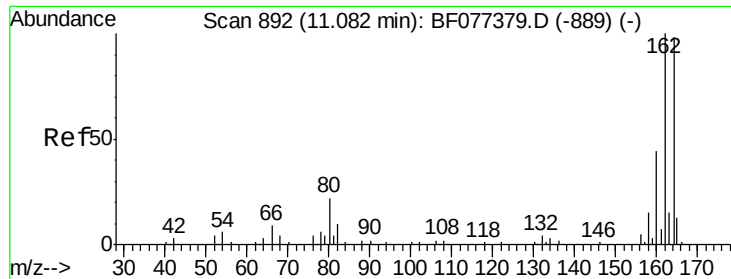
#23
Nitrobenzene-d5
Concen: 74.99 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077464.D
Acq: 26 Feb 2015 14:46

Tgt Ion:	82	Resp:	280623
Ion	Ratio	Lower	Upper
82	100		
128	54.6	43.8	65.8
54	45.1	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

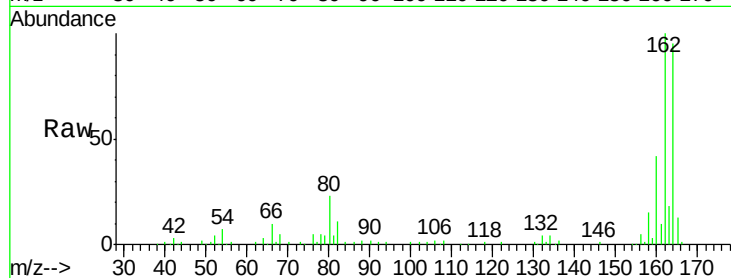




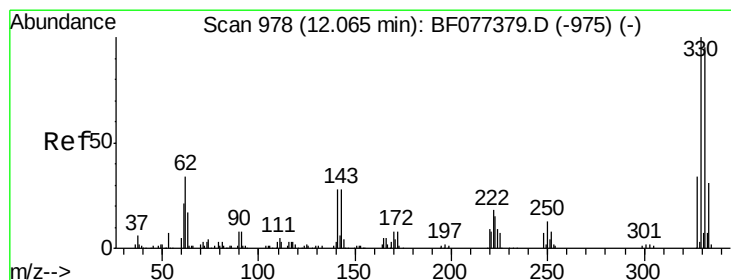
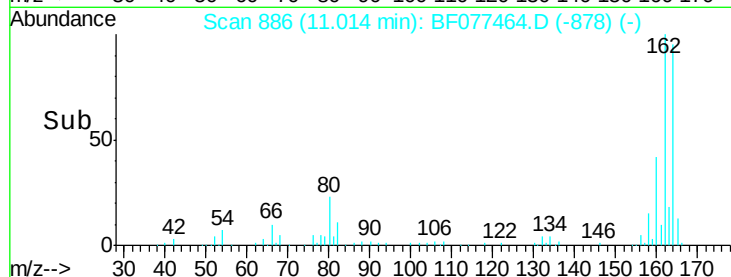
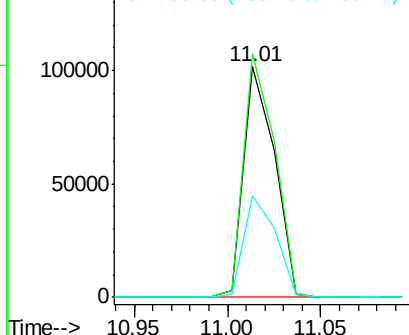
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF077464.D
 Acq: 26 Feb 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 41A-SW-022515

Tgt Ion:164 Resp: 117099
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.2 124.8
 160 44.1 34.6 52.0

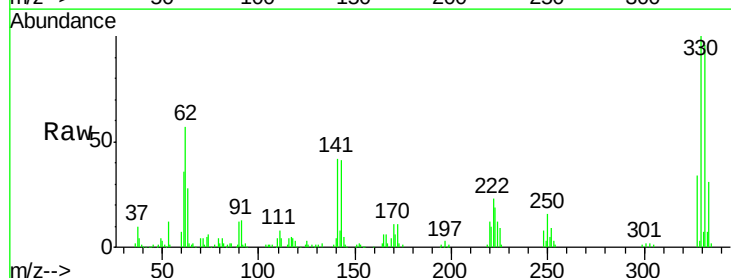


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

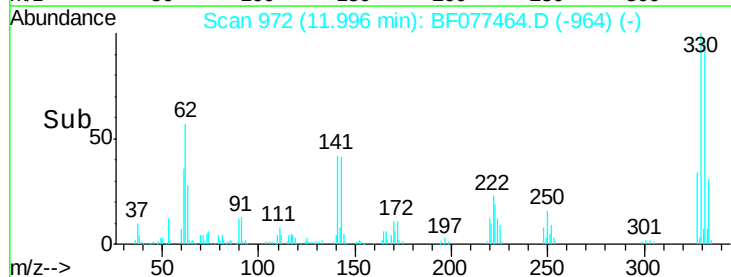
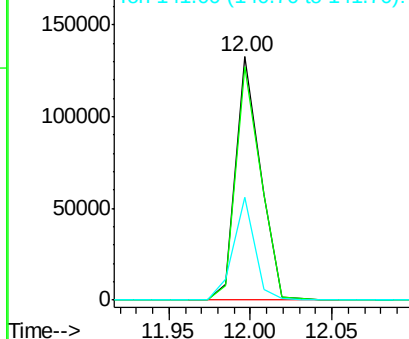


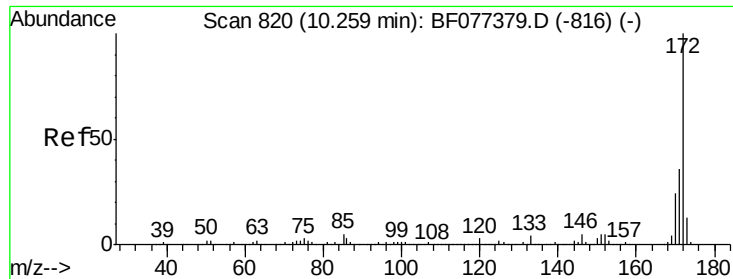
#41
 2,4,6-Tribromophenol
 Concen: 123.11 ng
 RT: 12.00 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF077464.D
 Acq: 26 Feb 2015 14:46

Tgt Ion:330 Resp: 138803
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 36.4 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

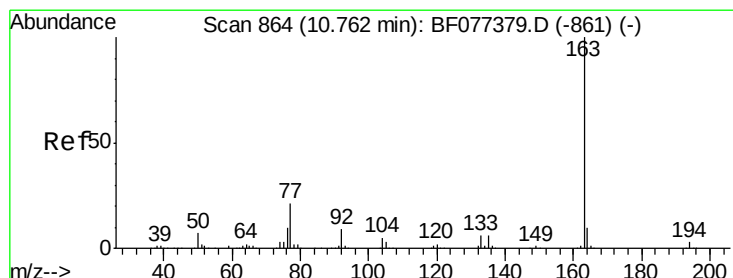
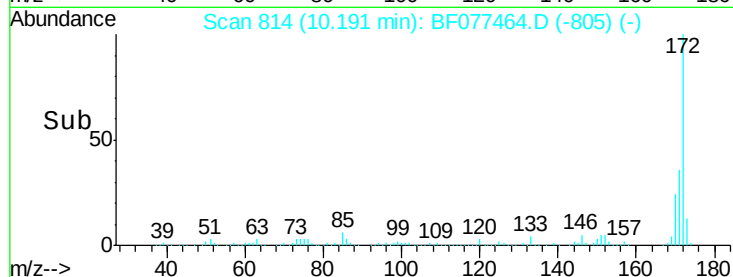
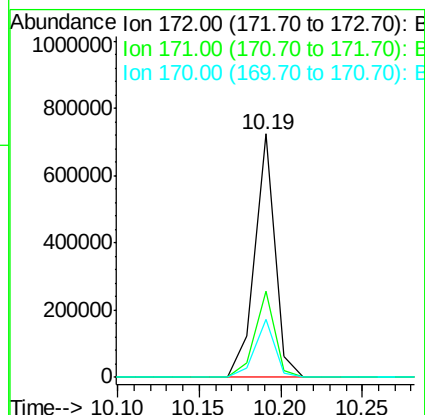
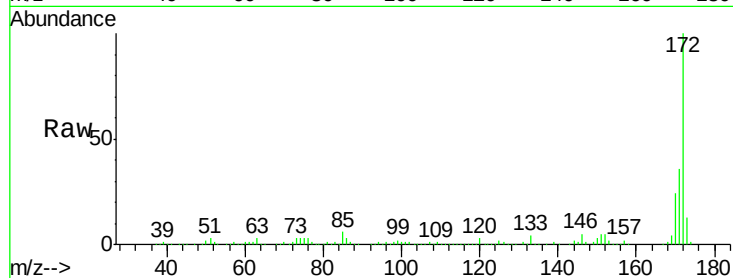




#44
2-Fluorobiphenyl
Concen: 83.32 ng
RT: 10.19 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF077464.D
Acq: 26 Feb 2015 14:46

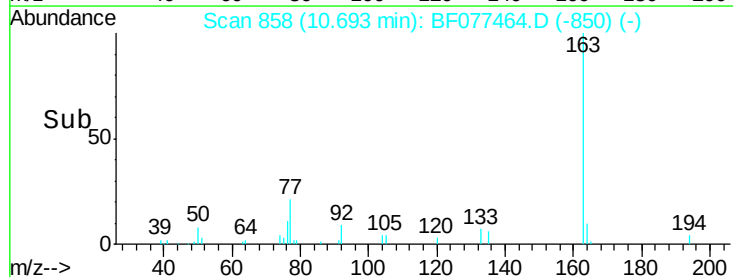
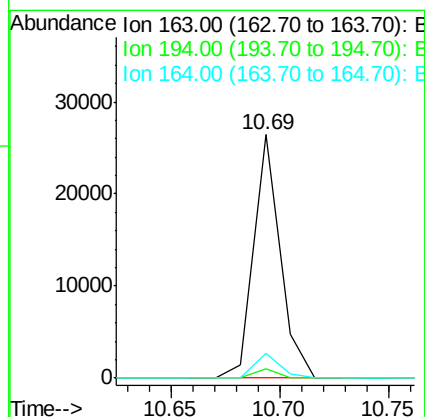
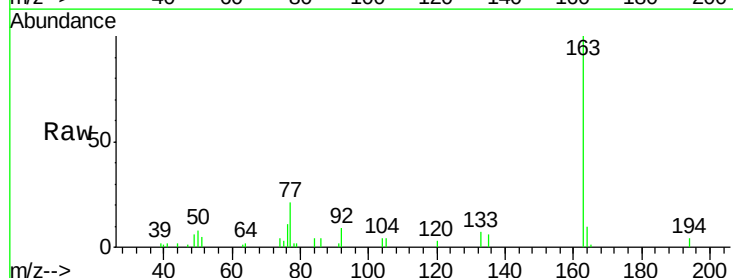
Instrument :
BNA_F
ClientSampleId :
41A-SW-022515

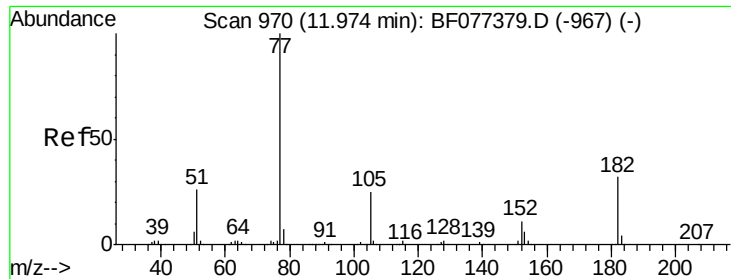
Tgt Ion:172 Resp: 625737
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.7 19.4 29.2



#49
Dimethylphthalate
Concen: 2.72 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077464.D
Acq: 26 Feb 2015 14:46

Tgt Ion:163 Resp: 22388
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.2 8.6 13.0





#62

Azobenzene

Concen: 2.18 ng

RT: 11.92 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF077464.D

Acq: 26 Feb 2015 14:46

Instrument :

BNA_F

ClientSampleId :

41A-SW-022515

Tgt Ion: 77 Resp: 16768

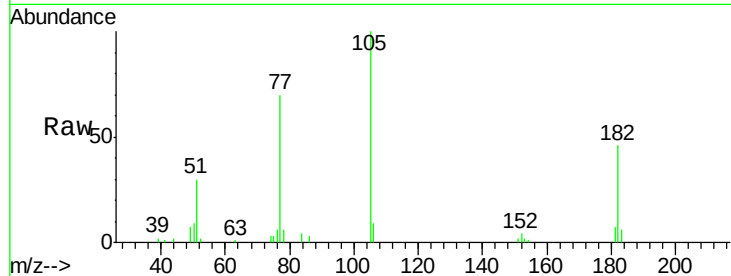
Ion Ratio Lower Upper

77 100

182 65.5 4.9 44.9#

105 142.3 3.3 43.3#

51 42.6 8.9 48.9

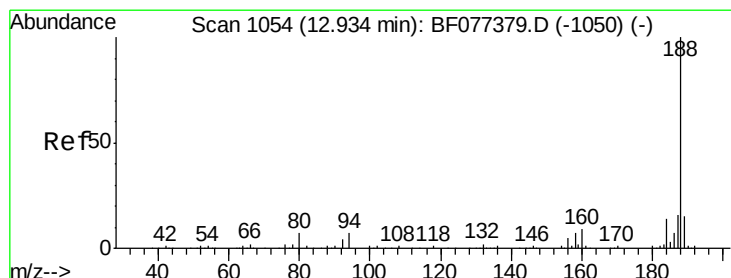
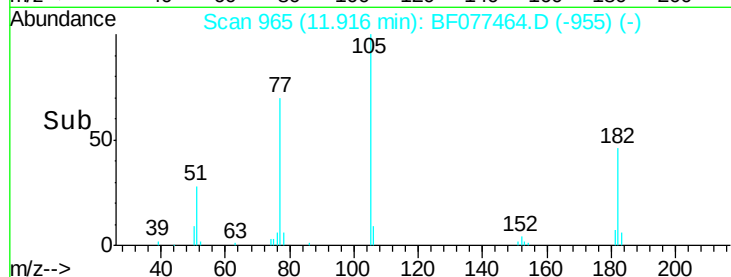
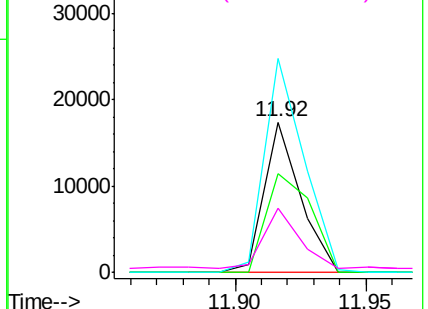


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.87 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF077464.D

Acq: 26 Feb 2015 14:46

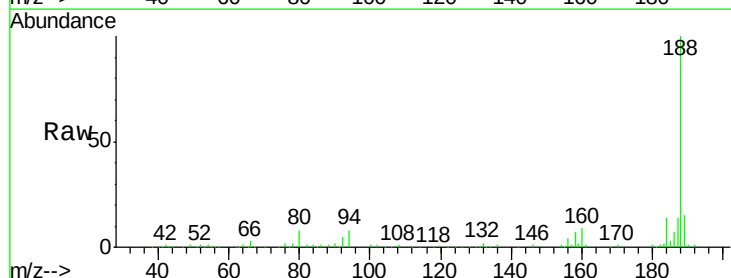
Tgt Ion: 188 Resp: 233683

Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.2

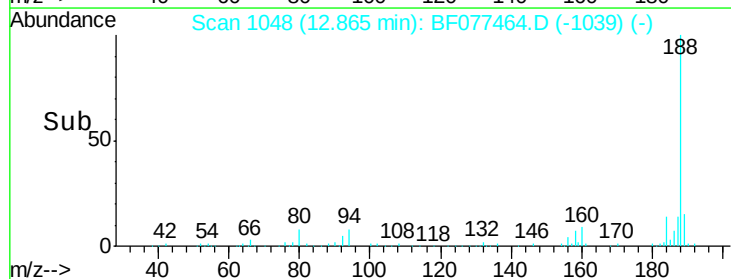
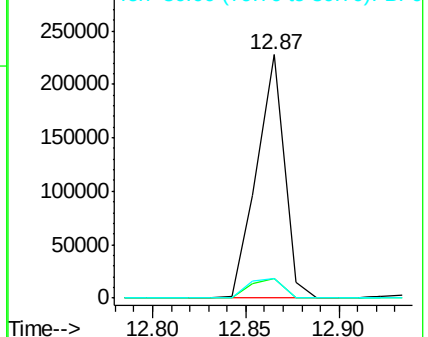
80 8.3 8.0 12.0

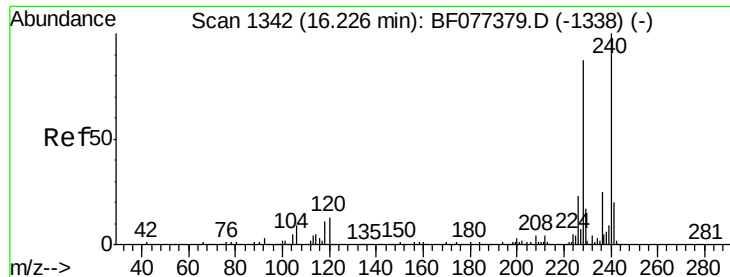


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF077464.D

Acq: 26 Feb 2015 14:46

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41A-SW-022515

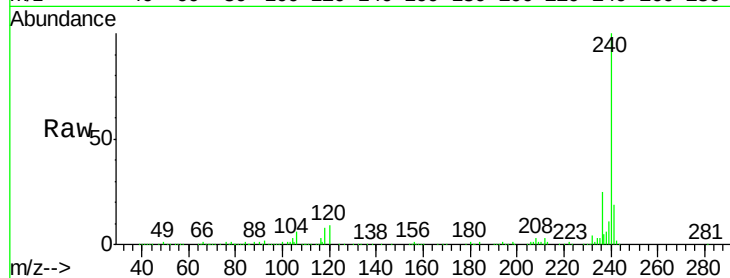
Tgt Ion:240 Resp: 274794

Ion Ratio Lower Upper

240 100

120 8.9 8.8 13.2

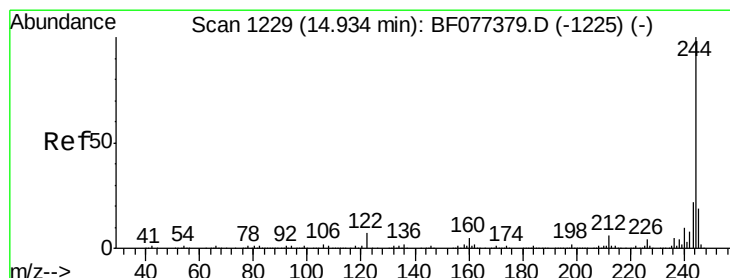
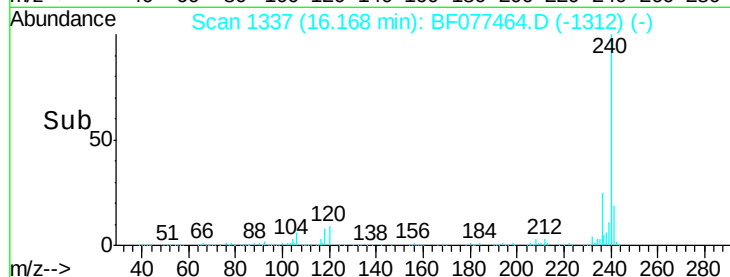
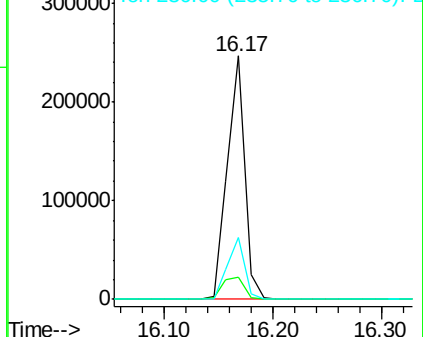
236 25.2 20.7 31.1



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: 67.09 ng

RT: 14.87 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF077464.D

Acq: 26 Feb 2015 14:46

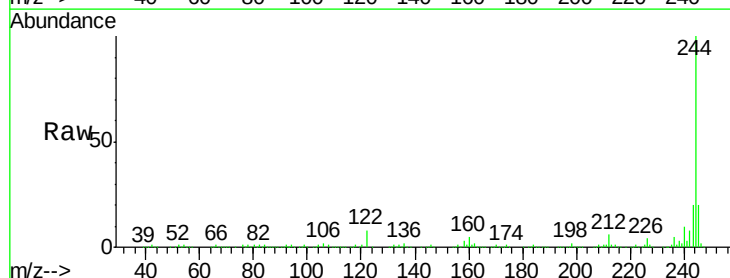
Tgt Ion:244 Resp: 788610

Ion Ratio Lower Upper

244 100

212 6.0 5.2 7.8

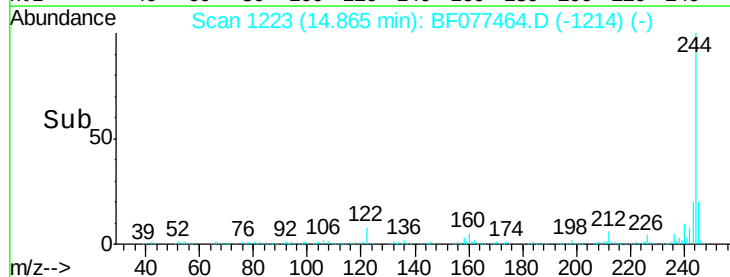
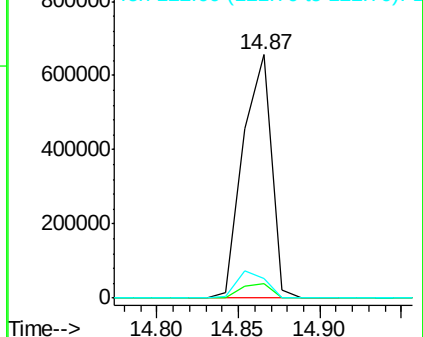
122 7.8 7.8 11.8#

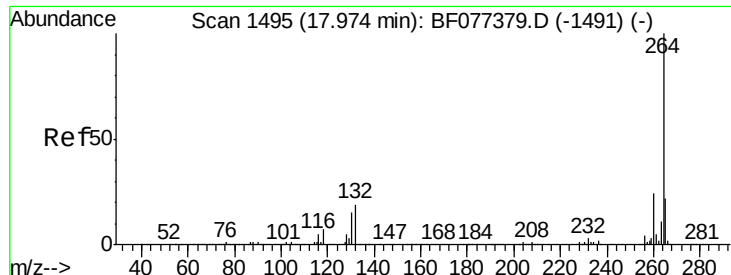


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.96 min Scan# 1494
Delta R.T. -0.05 min
Lab File: BF077464.D
Acq: 26 Feb 2015 14:46

Instrument :
BNA_F
ClientSampleId :
41A-SW-022515

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.4	16.8	25.2

