

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077466.D
 Acq On : 26 Feb 2015 15:43
 Operator : TP/IZ
 Sample : G1348-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41A-B-022515

Quant Time: Feb 26 17:32:32 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

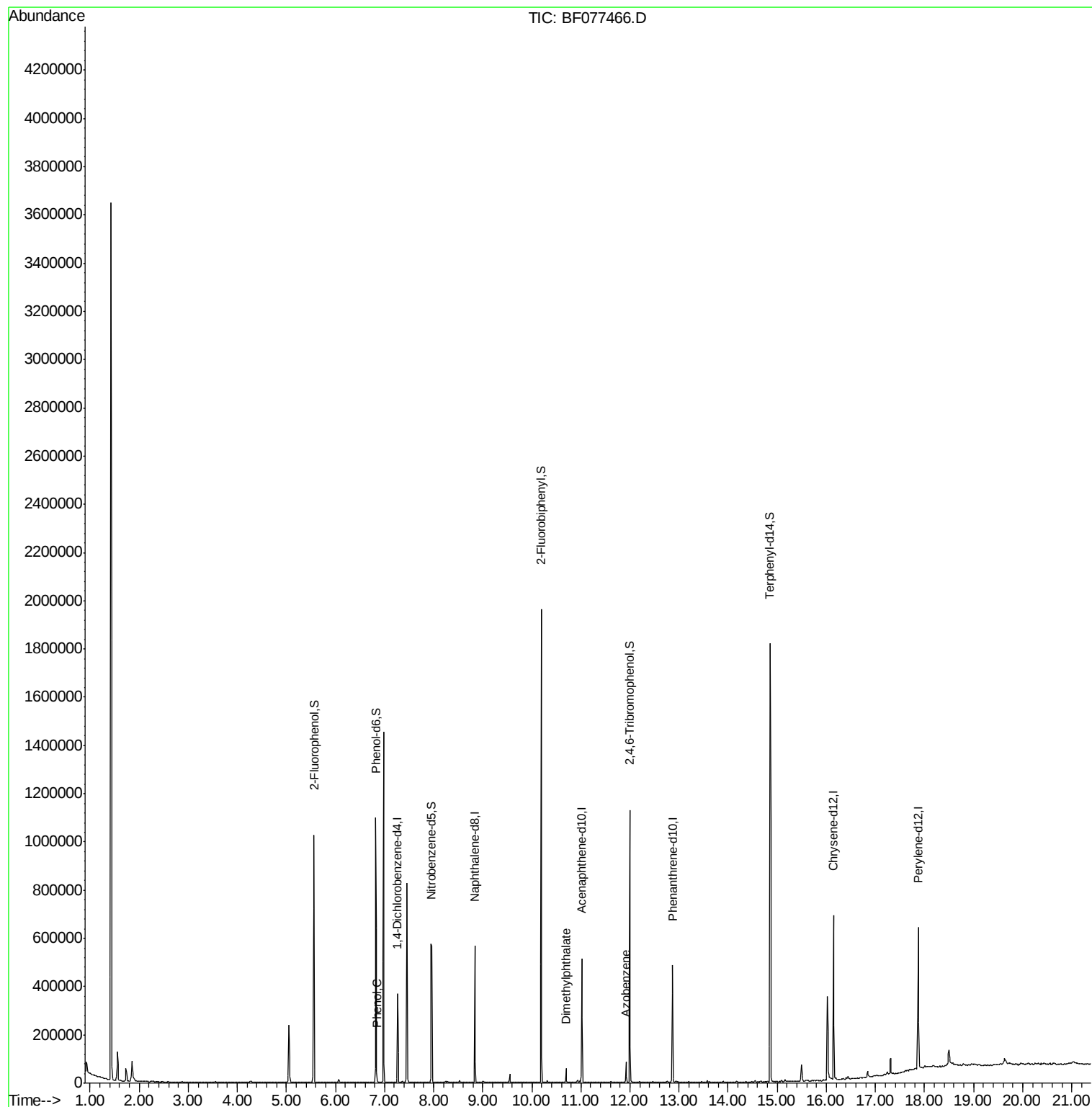
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	60375	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	241644	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	123079	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	250084	20.00	ng	0.00
75) Chrysene-d12	16.15	240	272450	20.00	ng	-0.03
86) Perylene-d12	17.87	264	261462	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	375757	103.90	ng	0.00
7) Phenol-d6	6.82	99	464035	99.79	ng	-0.01
23) Nitrobenzene-d5	7.95	82	272504	70.13	ng	-0.01
41) 2,4,6-Tribromophenol	12.00	330	132758	112.02	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	625698	79.27	ng	0.00
78) Terphenyl-d14	14.85	244	763408	65.50	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.84	94	12842	2.33	ng	97
49) Dimethylphthalate	10.69	163	23818	2.75	ng	# 98
62) Azobenzene	11.92	77	16973	2.10	ng	# 1

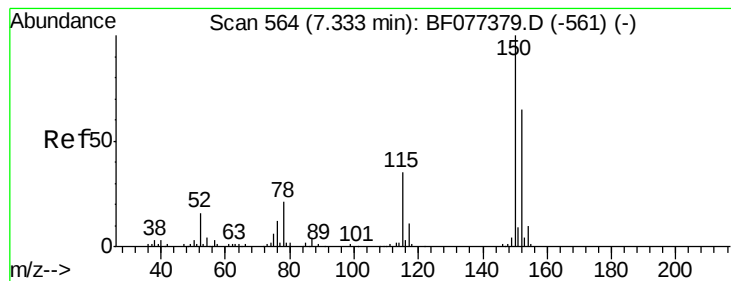
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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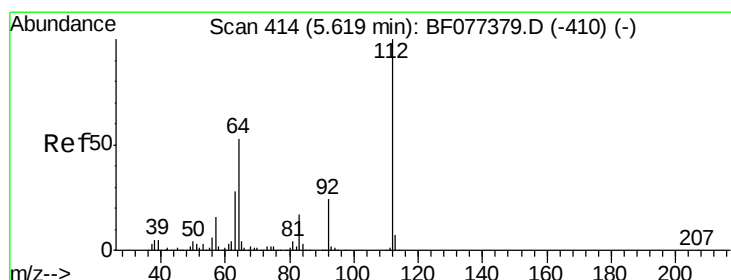
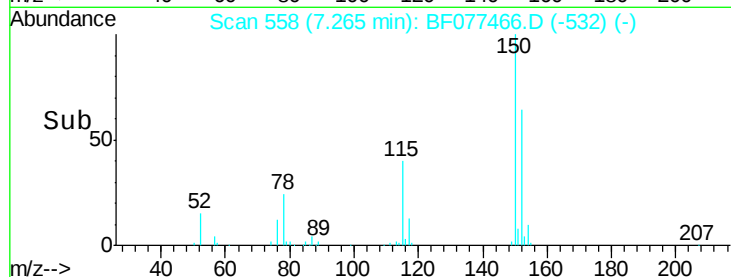
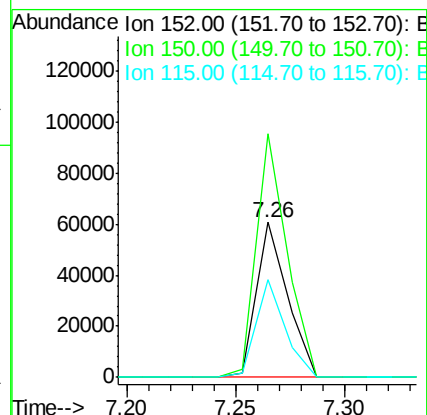
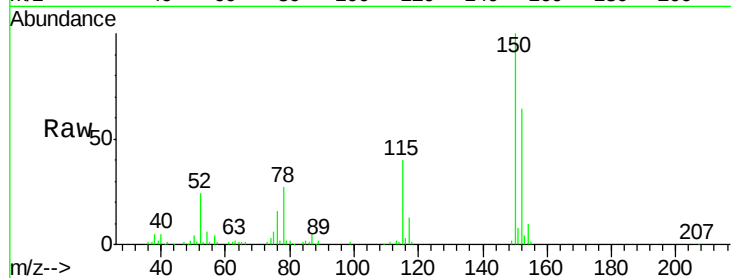




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF077466.D
 Acq: 26 Feb 2015 15:43

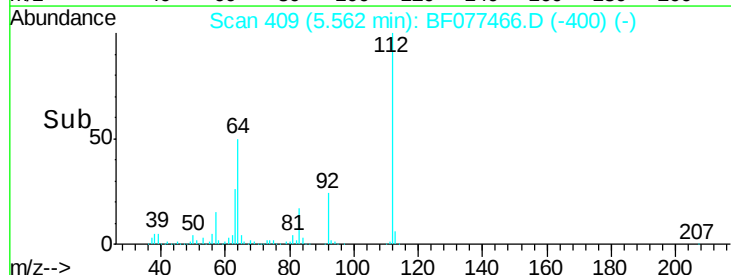
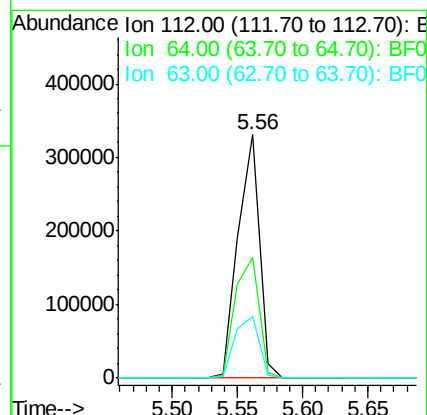
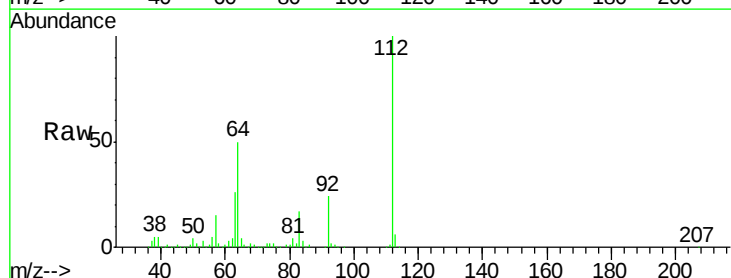
Instrument :
 BNA_F
 ClientSampleId :
 41A-B-022515

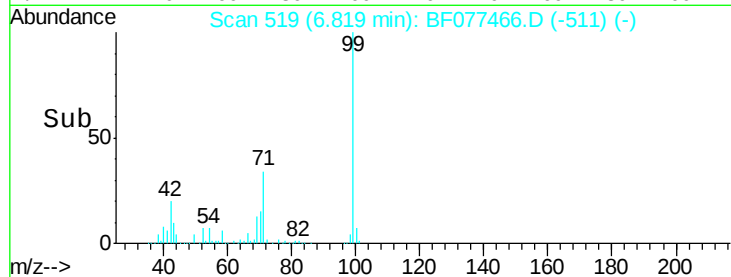
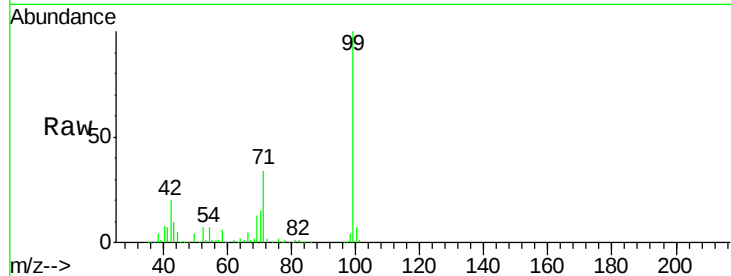
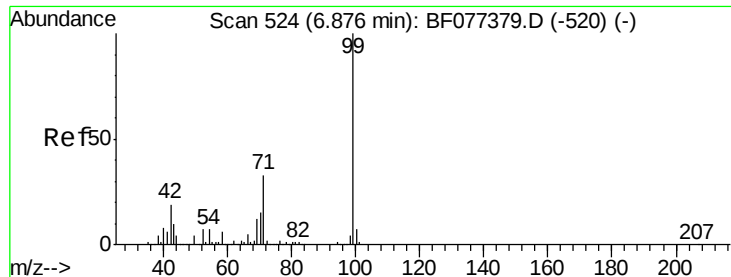
Tgt Ion:152 Resp: 60375
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.0 186.0
 115 63.1 49.4 74.2



#5
 2-Fluorophenol
 Concen: 103.90 ng
 RT: 5.56 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF077466.D
 Acq: 26 Feb 2015 15:43

Tgt Ion:112 Resp: 375757
 Ion Ratio Lower Upper
 112 100
 64 49.7 48.5 72.7
 63 25.6 25.0 37.4





#7

Phenol-d6

Concen: 99.79 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF077466.D

Acq: 26 Feb 2015 15:43

Instrument :

BNA_F

ClientSampleId :

41A-B-022515

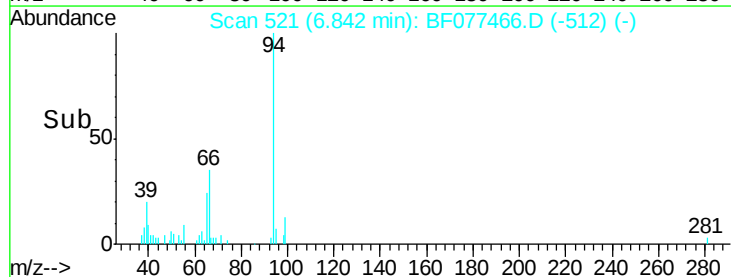
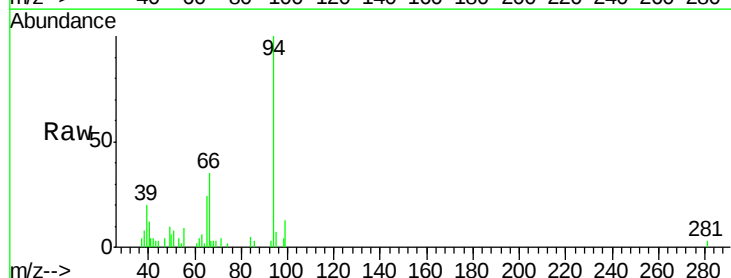
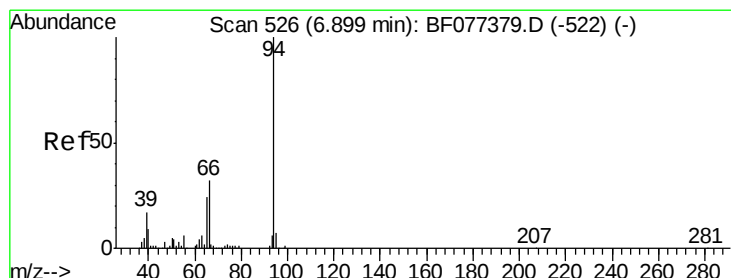
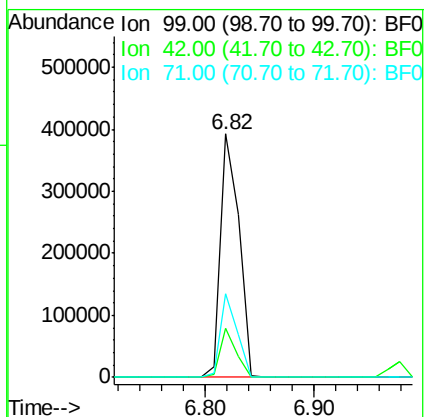
Tgt Ion: 99 Resp: 464035

Ion Ratio Lower Upper

99 100

42 19.9 16.2 24.4

71 34.4 26.7 40.1



#10

Phenol

Concen: 2.33 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077466.D

Acq: 26 Feb 2015 15:43

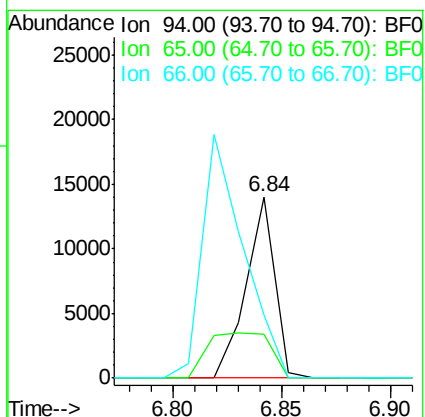
Tgt Ion: 94 Resp: 12842

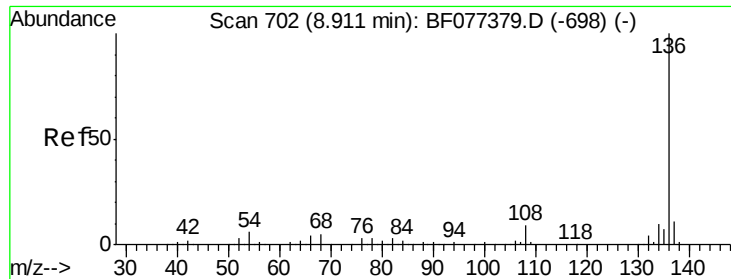
Ion Ratio Lower Upper

94 100

65 24.4 5.7 45.7

66 35.0 13.6 53.6

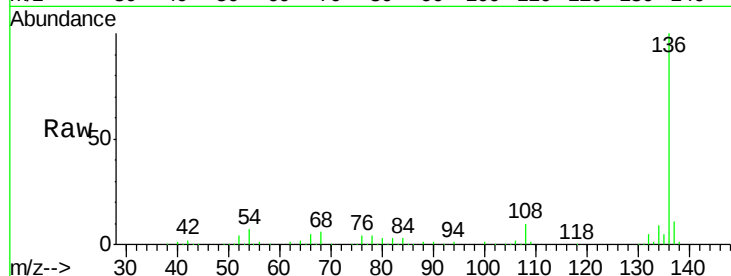




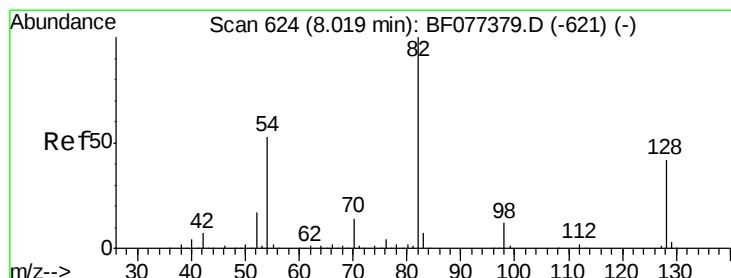
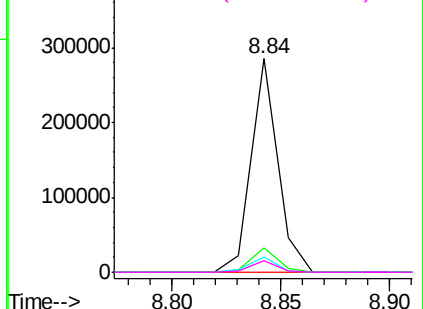
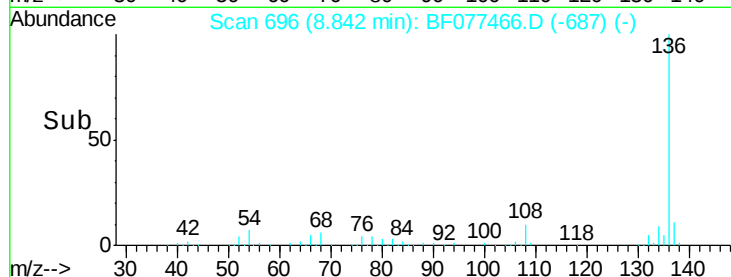
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077466.D
Acq: 26 Feb 2015 15:43

Instrument :
BNA_F
ClientSampleId :
41A-B-022515

Tgt Ion:	136	Resp:	241644
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.3	6.2	9.4
68	5.6	5.0	7.6

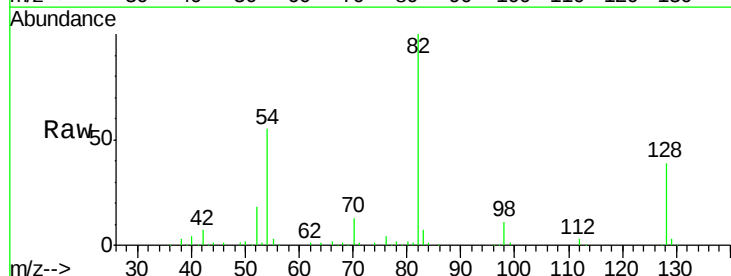


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

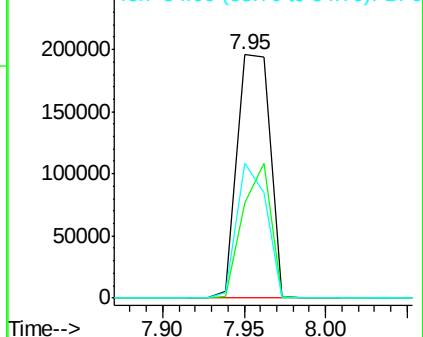
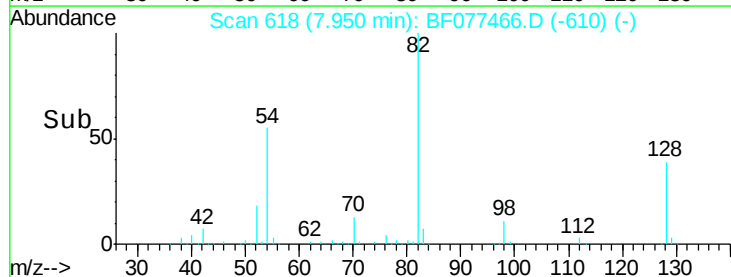


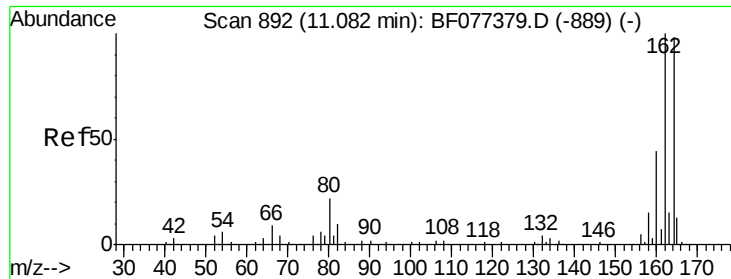
#23
Nitrobenzene-d5
Concen: 70.13 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF077466.D
Acq: 26 Feb 2015 15:43

Tgt Ion:	82	Resp:	272504
Ion	Ratio	Lower	Upper
82	100		
128	39.0	43.8	65.8#
54	55.4	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

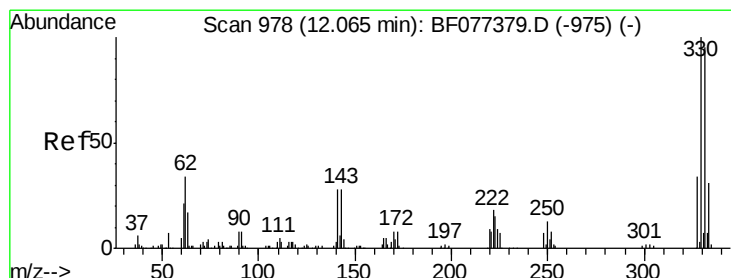
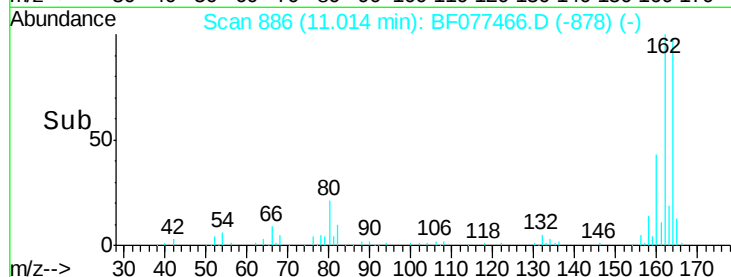
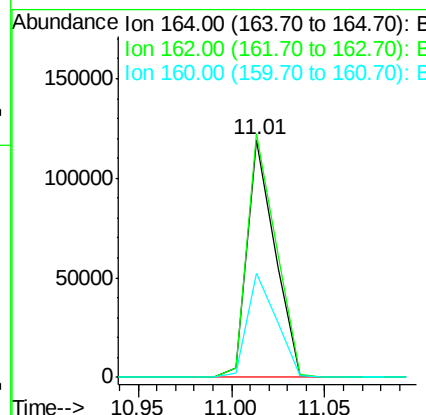
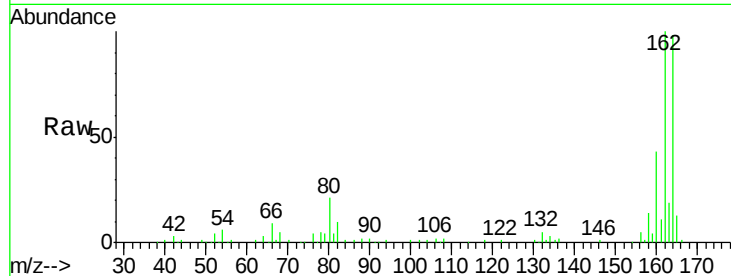




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF077466.D
 Acq: 26 Feb 2015 15:43

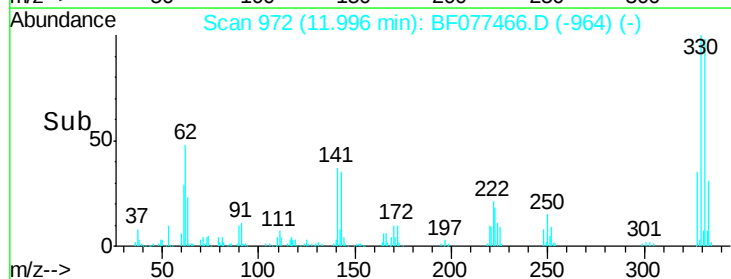
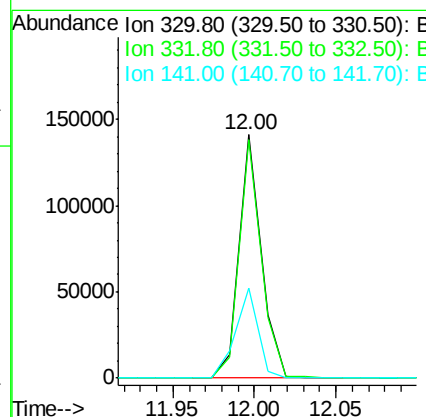
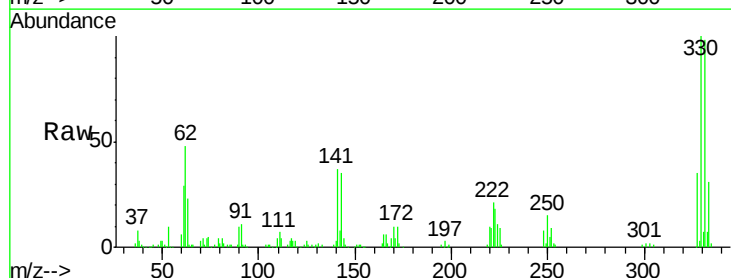
Instrument :
 BNA_F
 ClientSampleId :
 41A-B-022515

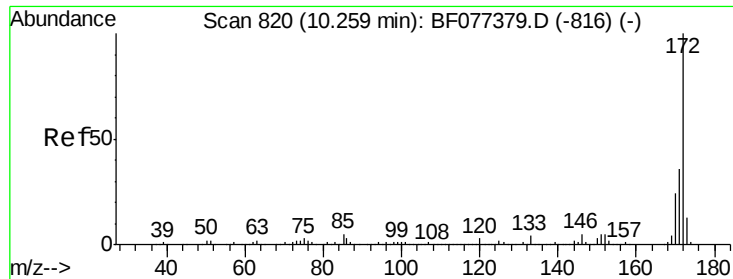
Tgt Ion:164 Resp: 123079
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.2 124.8
 160 43.7 34.6 52.0



#41
 2,4,6-Tribromophenol
 Concen: 112.02 ng
 RT: 12.00 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF077466.D
 Acq: 26 Feb 2015 15:43

Tgt Ion:330 Resp: 132758
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 37.5 28.8 43.2

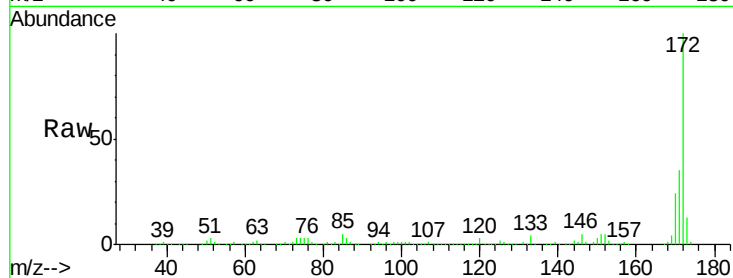




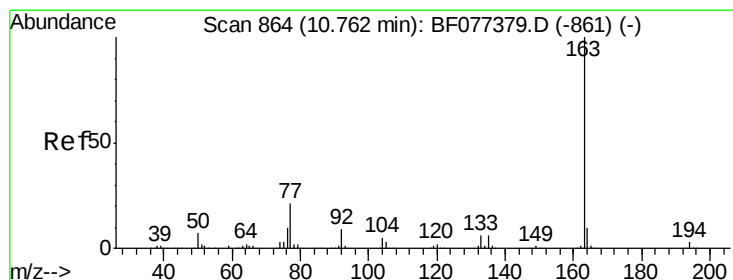
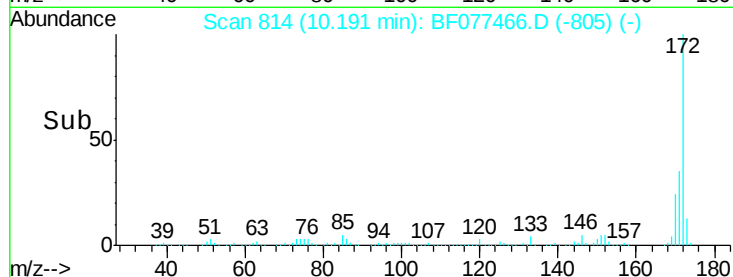
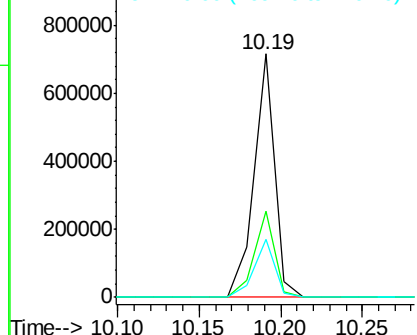
#44
2-Fluorobiphenyl
Concen: 79.27 ng
RT: 10.19 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF077466.D
Acq: 26 Feb 2015 15:43

Instrument :
BNA_F
ClientSampleId :
41A-B-022515

Tgt Ion:172 Resp: 625698
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.8 19.4 29.2

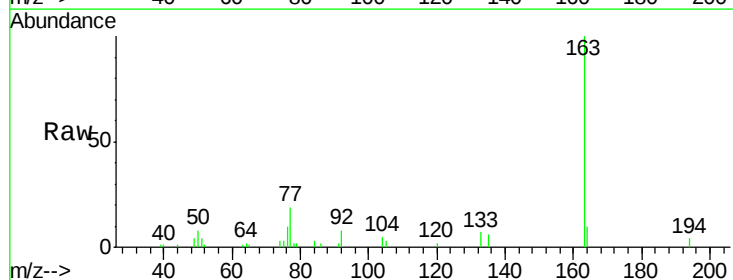


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

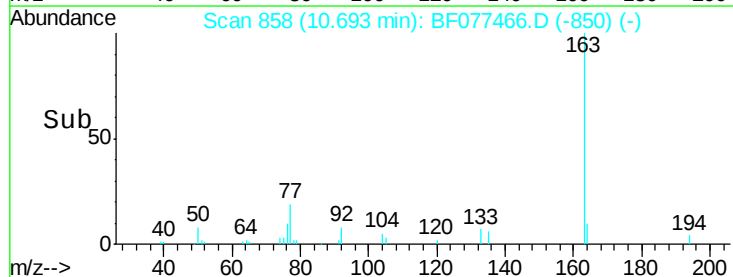
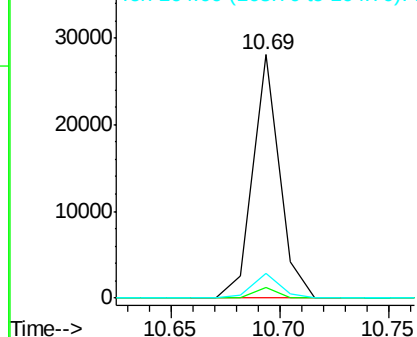


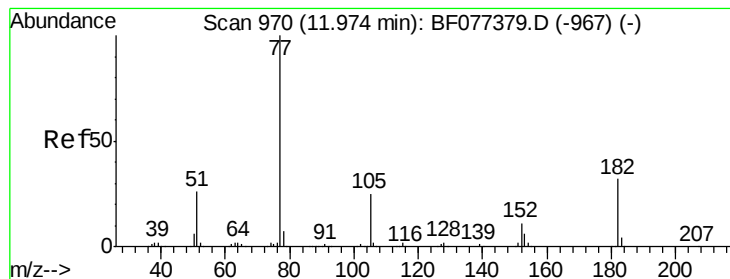
#49
Dimethylphthalate
Concen: 2.75 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077466.D
Acq: 26 Feb 2015 15:43

Tgt Ion:163 Resp: 23818
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 9.9 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: 2.10 ng

RT: 11.92 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF077466.D

Acq: 26 Feb 2015 15:43

Instrument :

BNA_F

ClientSampleId :

41A-B-022515

Tgt Ion: 77 Resp: 16973

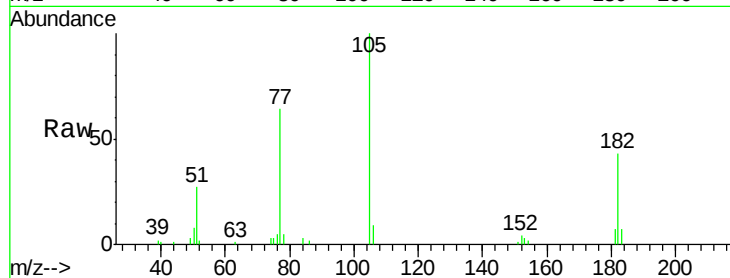
Ion Ratio Lower Upper

77 100

182 67.0 4.9 44.9#

105 156.5 3.3 43.3#

51 42.6 8.9 48.9

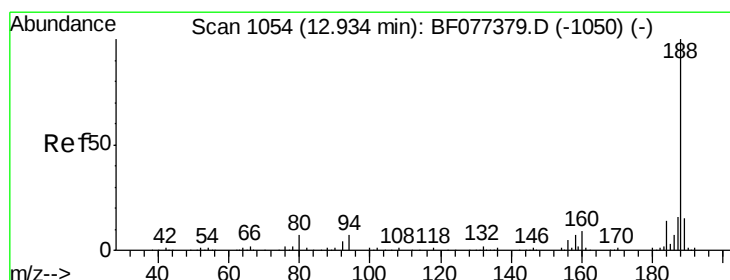
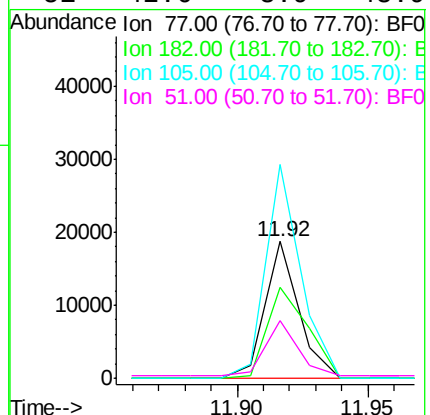
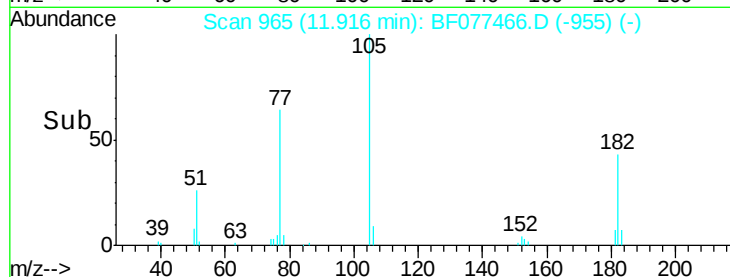


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF077466.D

Acq: 26 Feb 2015 15:43

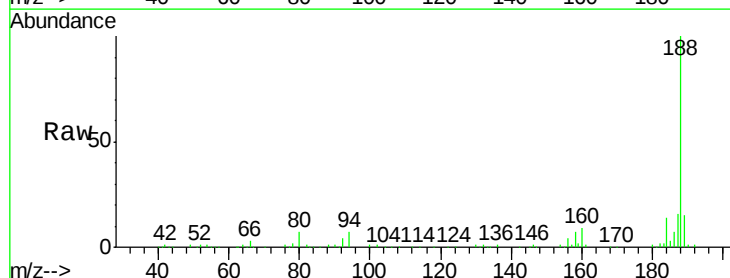
Tgt Ion: 188 Resp: 250084

Ion Ratio Lower Upper

188 100

94 7.3 7.4 11.2#

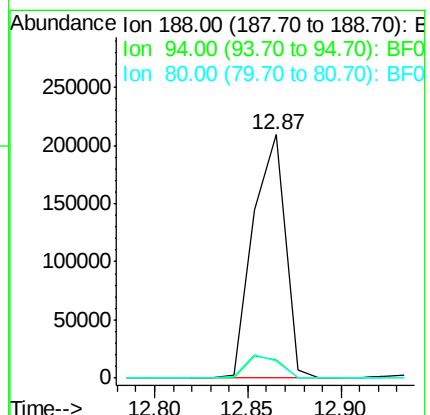
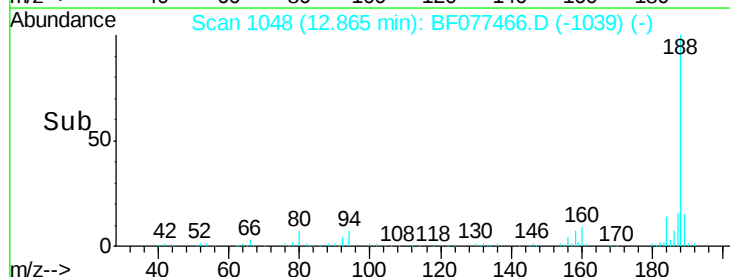
80 6.9 8.0 12.0#

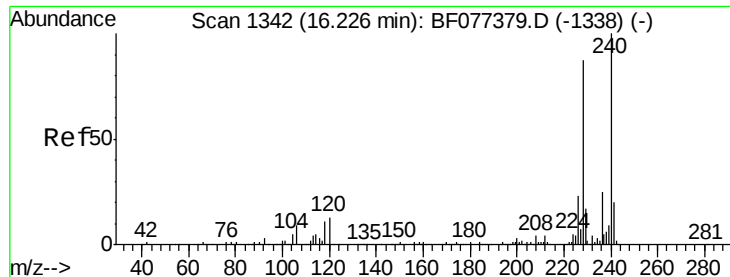


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.15 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF077466.D

Acq: 26 Feb 2015 15:43

Instrument :

BNA_F

ClientSampleId :

41A-B-022515

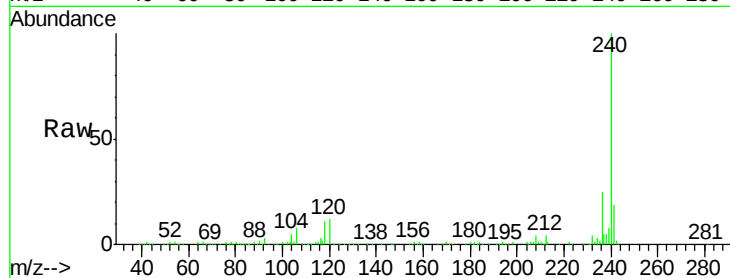
Tgt Ion:240 Resp: 272450

Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

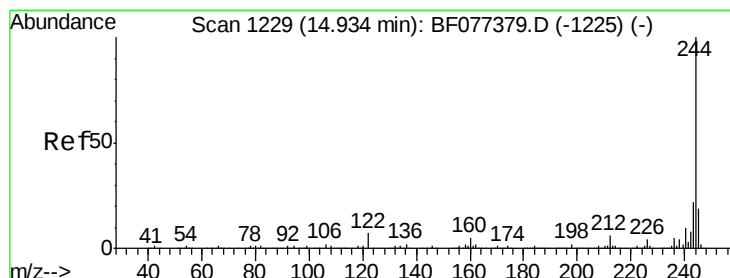
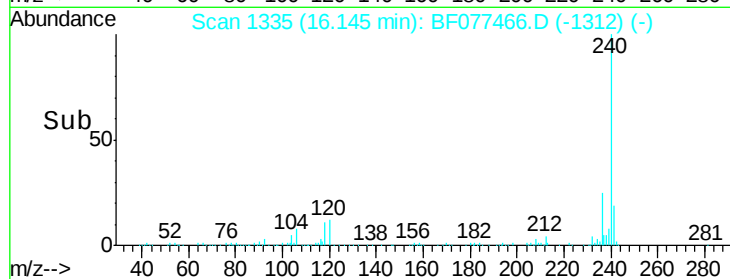
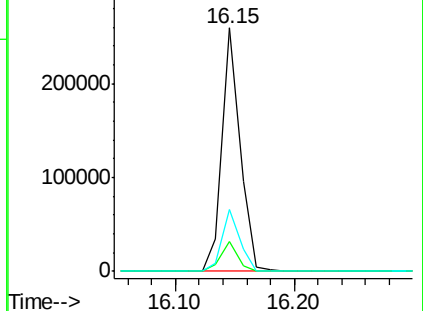
236 25.4 20.7 31.1



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: 65.50 ng

RT: 14.85 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF077466.D

Acq: 26 Feb 2015 15:43

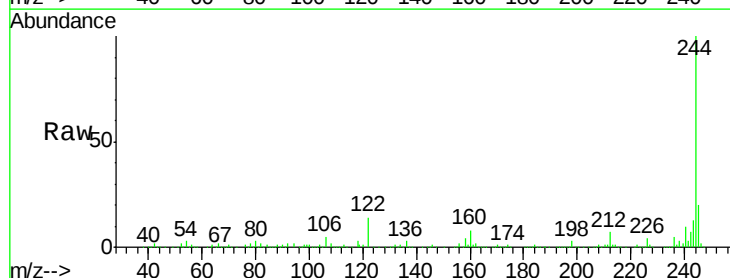
Tgt Ion:244 Resp: 763408

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

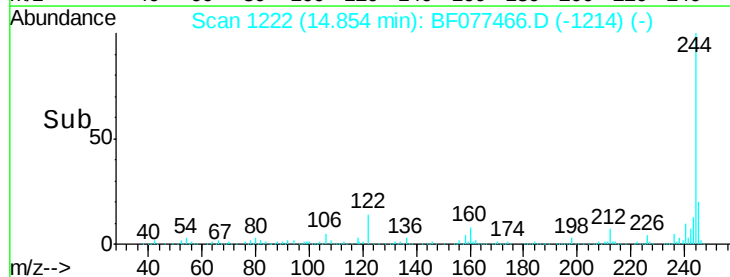
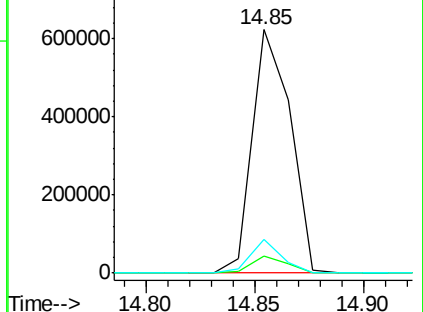
122 14.0 7.8 11.8#

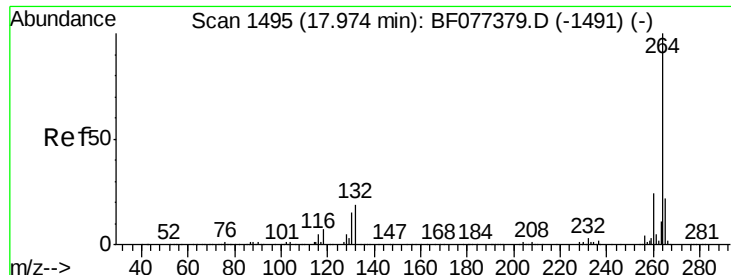


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.87 min Scan# 1486
Delta R.T. -0.14 min
Lab File: BF077466.D
Acq: 26 Feb 2015 15:43

Instrument :
BNA_F
ClientSampleId :
41A-B-022515

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.1	16.8	25.2

