

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
 Data File : BF077239.D
 Acq On : 10 Feb 2015 17:32
 Operator : TP/IZ
 Sample : G1254-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB9A

Quant Time: Feb 11 03:50:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	47605	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	212289	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	111601	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	182118	20.00	ng	0.00
75) Chrysene-d12	21.05	240	172448	20.00	ng	0.03
86) Perylene-d12	22.74	264	157809	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.60	112	147203	50.84	ng	0.01
7) Phenol-d6	7.01	99	187041	51.21	ng	0.00
23) Nitrobenzene-d5	8.90	82	114039	29.76	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	41057	45.32	ng	0.00
44) 2-Fluorobiphenyl	13.15	172	225847	30.80	ng	-0.01
78) Terphenyl-d14	19.77	244	232123	30.99	ng	0.01

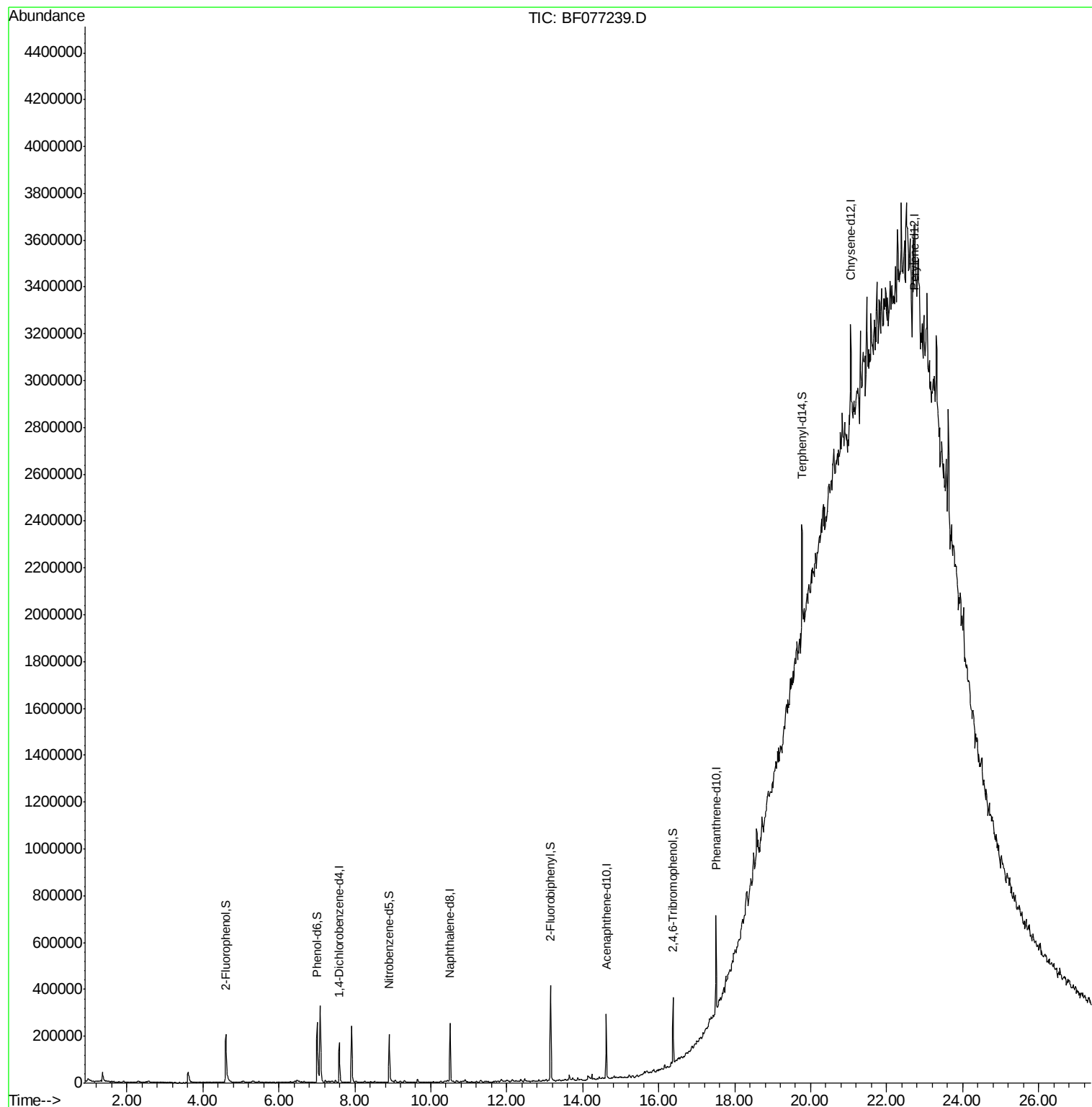
Target Compounds Qvalue

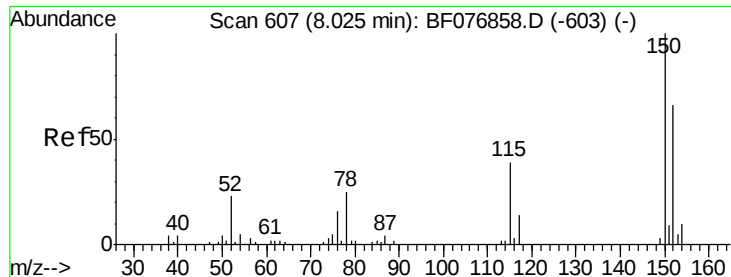
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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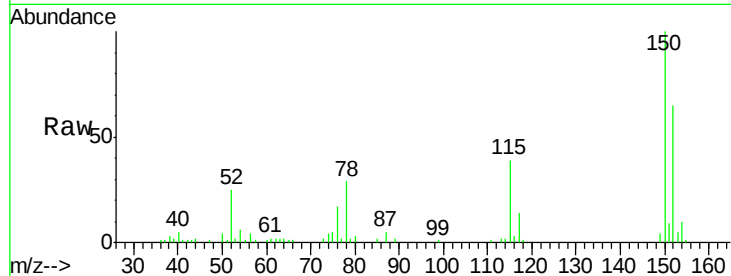


#1

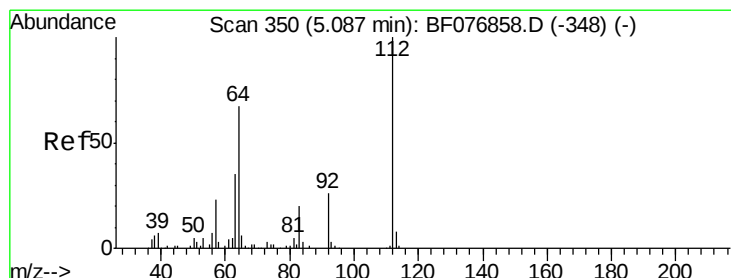
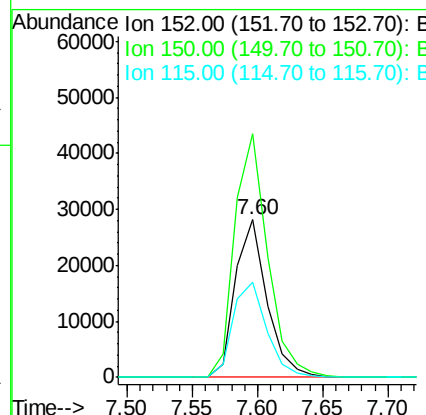
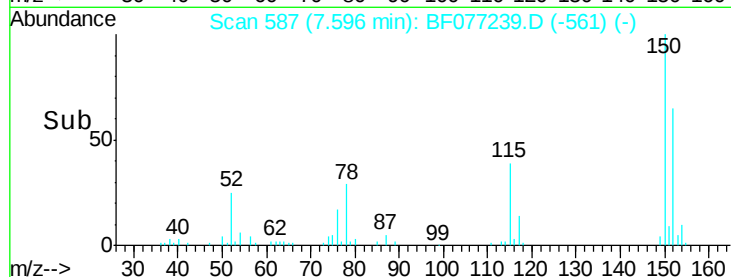
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077239.D
Acq: 10 Feb 2015 17:32

Instrument :
BNA_F
ClientSampleId :
UB9A

Tot Ion:152 Resp: 47605
Ion Ratio Lower Upper
152 100
150 154.8 121.7 182.5
115 60.6 47.0 70.6



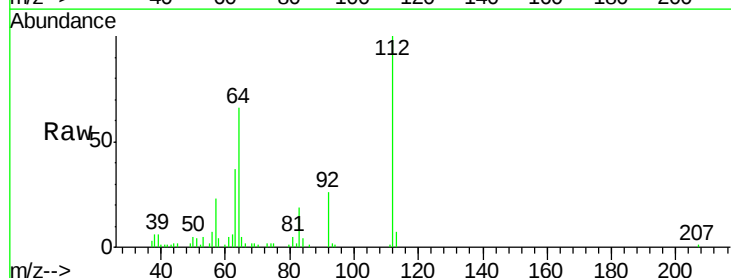
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



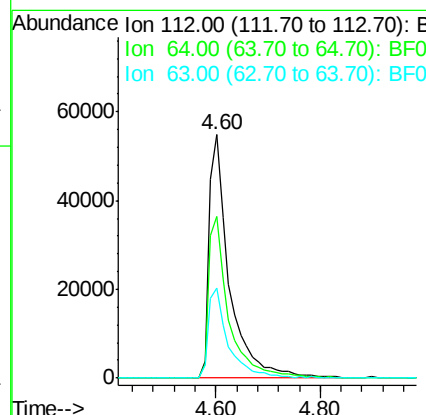
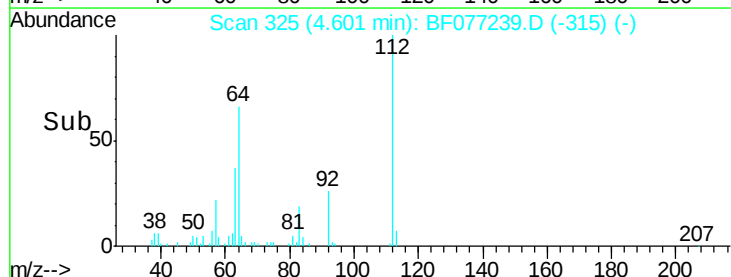
#5

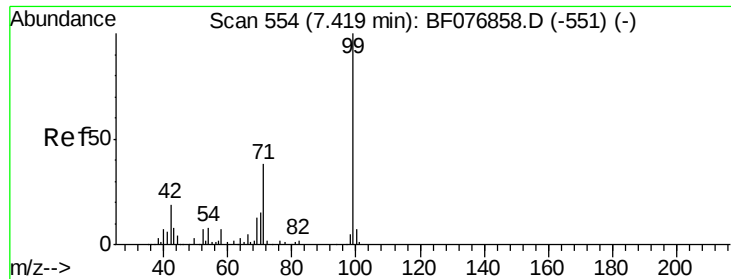
2-Fluorophenol
Concen: 50.84 ng
RT: 4.60 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF077239.D
Acq: 10 Feb 2015 17:32

Tgt Ion:112 Resp: 147203
Ion Ratio Lower Upper
112 100
64 66.2 54.2 81.4
63 37.0 28.4 42.6



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: 51.21 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077239.D

Acq: 10 Feb 2015 17:32

Instrument :

BNA_F

ClientSampleId :

UB9A

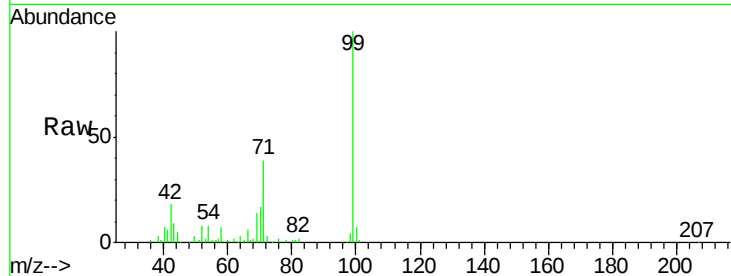
Tot Ion: 99 Resp: 187041

Ion Ratio Lower Upper

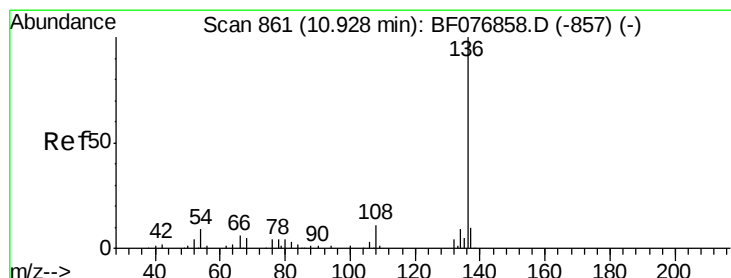
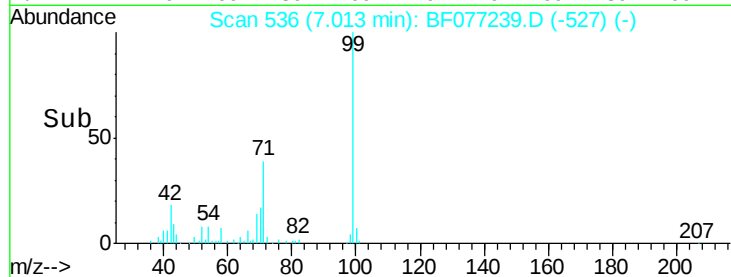
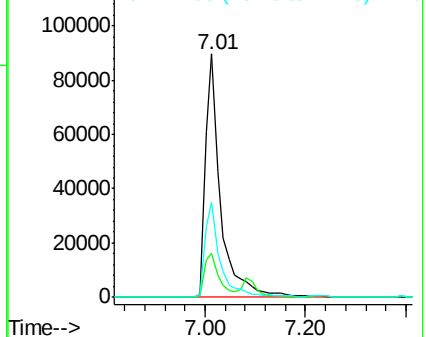
99 100

42 18.1 15.0 22.4

71 39.3 30.5 45.7



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: 10.50 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF077239.D

Acq: 10 Feb 2015 17:32

Tgt Ion: 136 Resp: 212289

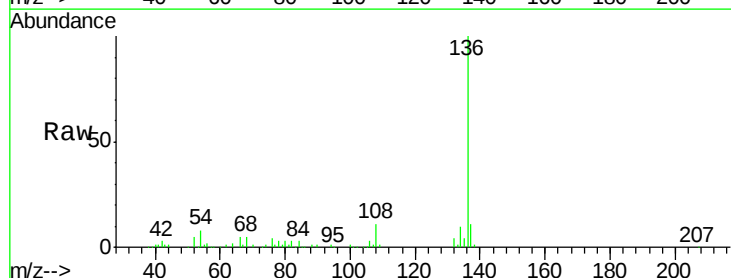
Ion Ratio Lower Upper

136 100

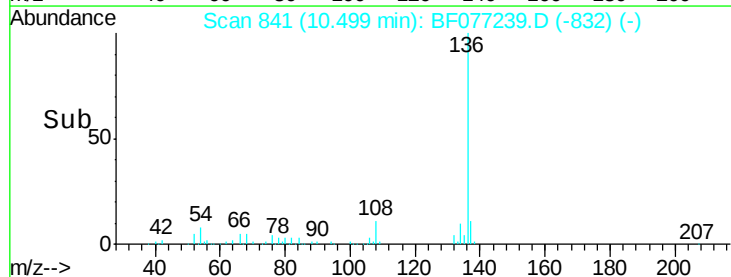
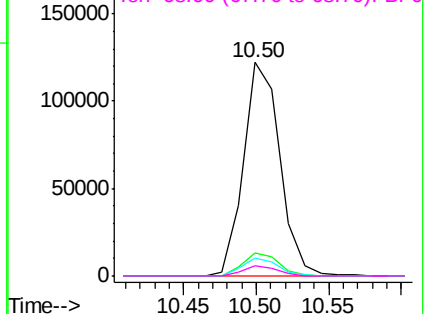
137 10.9 8.1 12.1

54 8.3 7.0 10.4

68 4.6 3.7 5.5



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

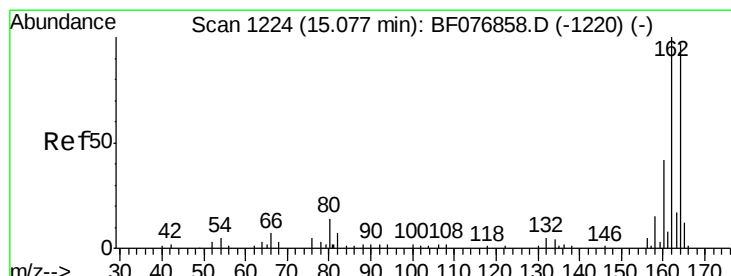
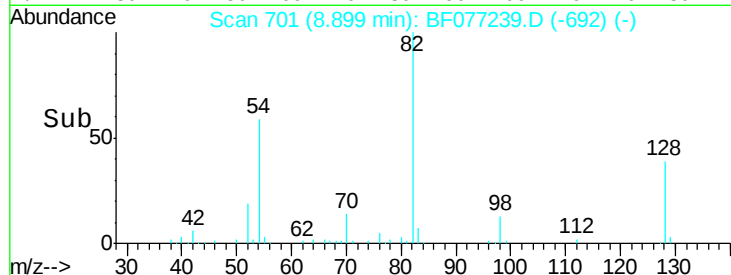
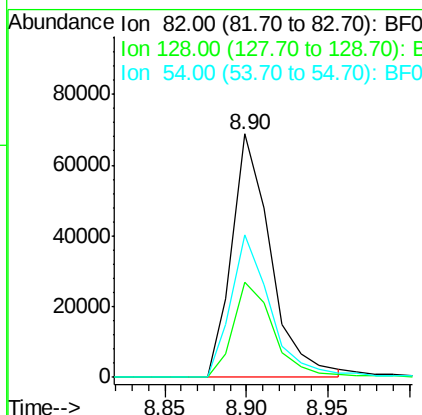
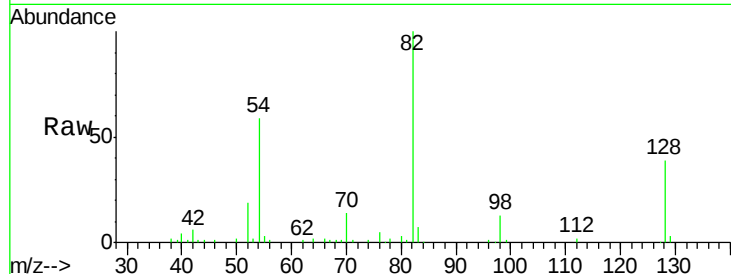




#23
 Nitrobenzene-d5
 Concen: 29.76 ng
 RT: 8.90 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF077239.D
 Acq: 10 Feb 2015 17:32

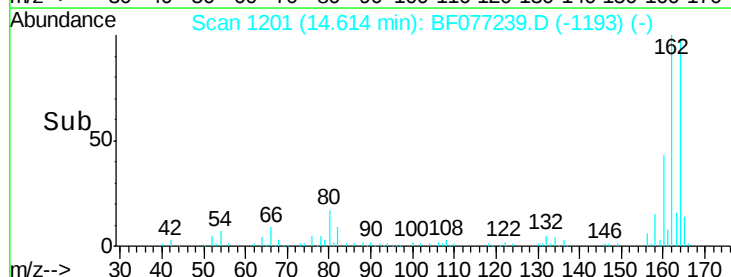
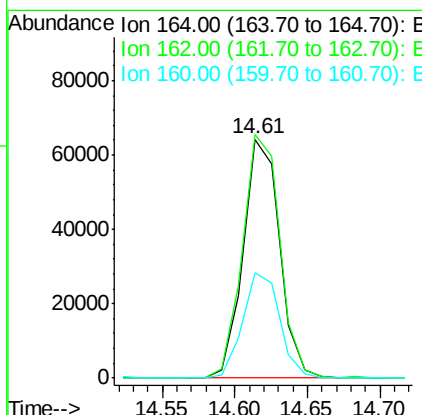
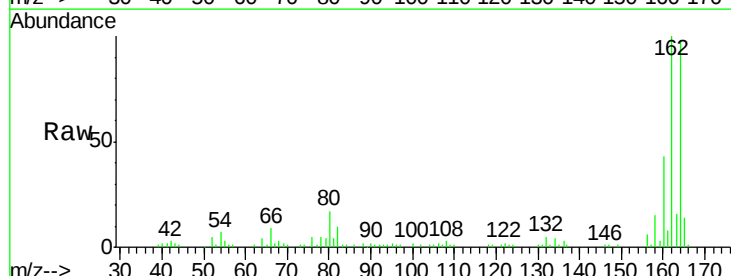
Instrument :
 BNA_F
 ClientSampleId :
 UB9A

Tot Ion	82	Resp	114039
Ion Ratio	Lower	Upper	
82	100		
128	39.2	33.1	49.7
54	58.6	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF077239.D
 Acq: 10 Feb 2015 17:32

Tgt Ion	164	Resp	111601
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.4	123.6
160	44.2	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 45.32 ng

RT: 16.37 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF077239.D

Acq: 10 Feb 2015 17:32

Instrument :

BNA_F

ClientSampleId :

UB9A

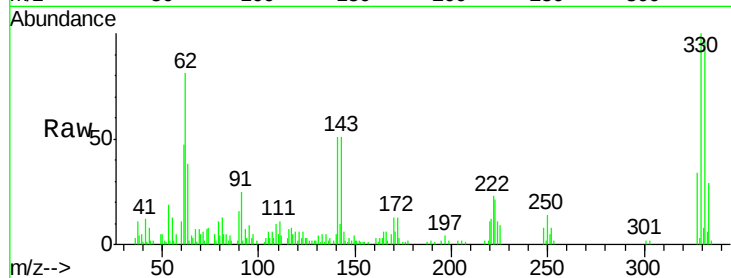
Tot Ion:330 Resp: 41057

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

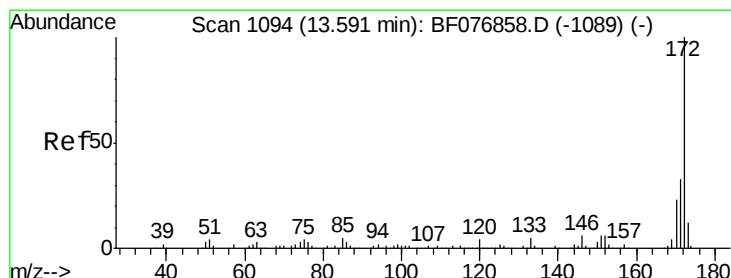
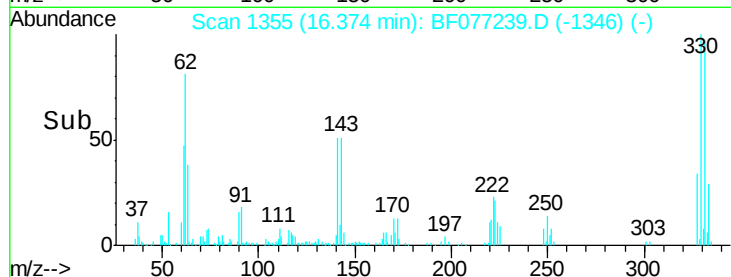
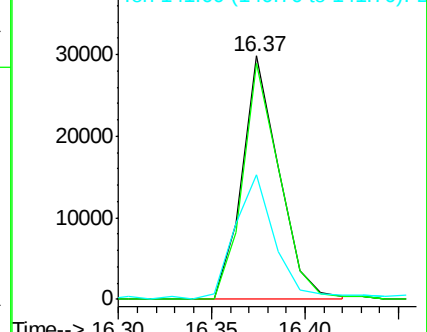
141 56.4 38.5 57.7



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: 30.80 ng

RT: 13.15 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF077239.D

Acq: 10 Feb 2015 17:32

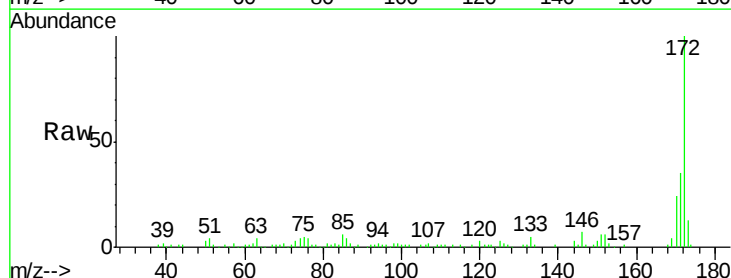
Tgt Ion:172 Resp: 225847

Ion Ratio Lower Upper

172 100

171 34.8 26.6 40.0

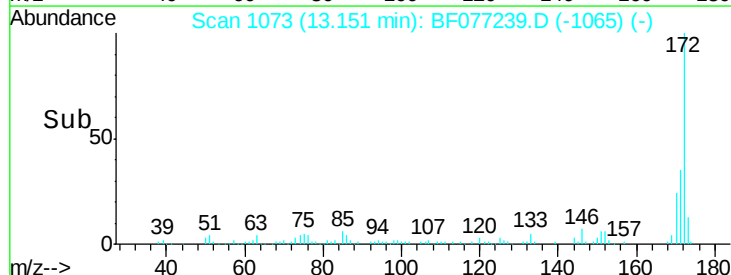
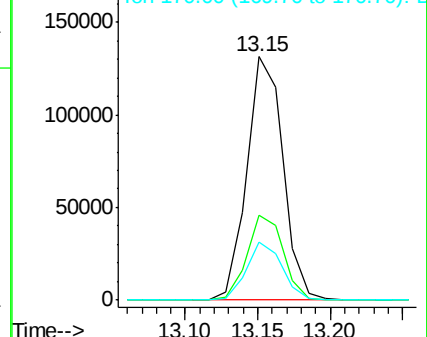
170 23.7 18.0 27.0

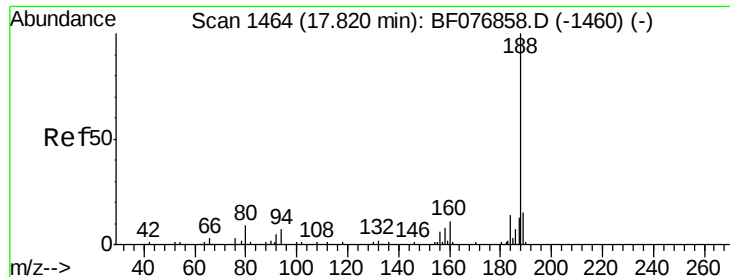


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.51 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF077239.D

Acq: 10 Feb 2015 17:32

Instrument :

BNA_F

ClientSampleId :

UB9A

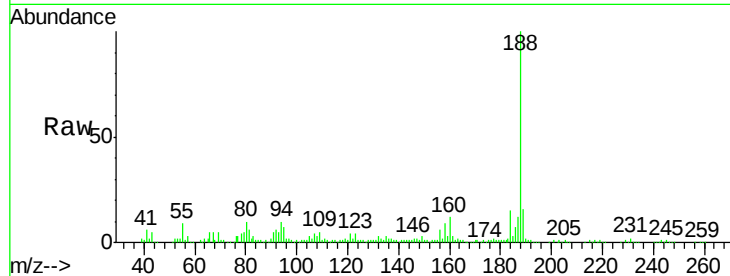
Tot Ion:188 Resp: 182118

Ion Ratio Lower Upper

188 100

94 9.9 6.0 9.0#

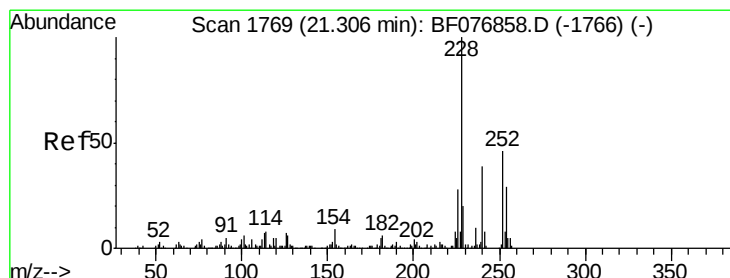
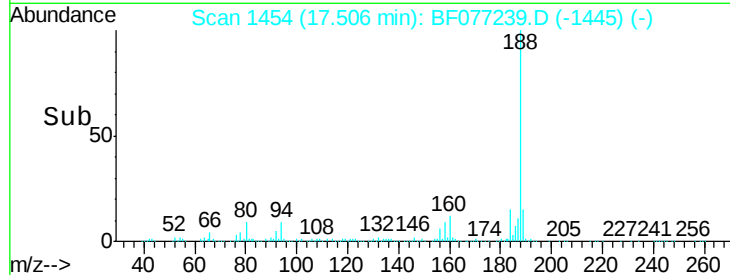
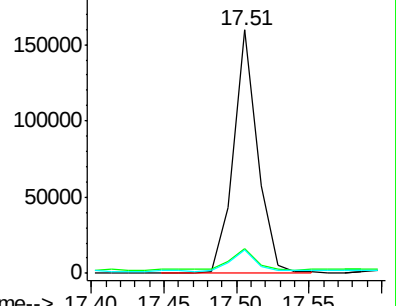
80 9.8 6.9 10.3



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: 21.05 min Scan# 1764

Delta R.T. 0.03 min

Lab File: BF077239.D

Acq: 10 Feb 2015 17:32

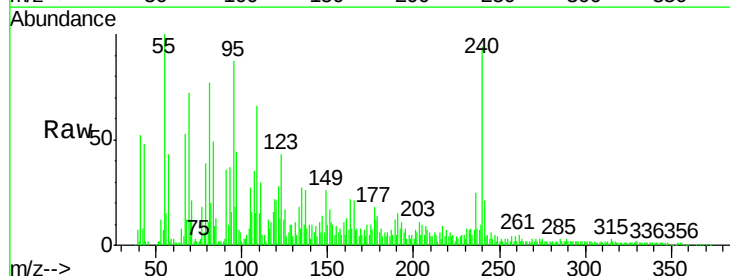
Tgt Ion:240 Resp: 172448

Ion Ratio Lower Upper

240 100

120 22.0 10.4 15.6#

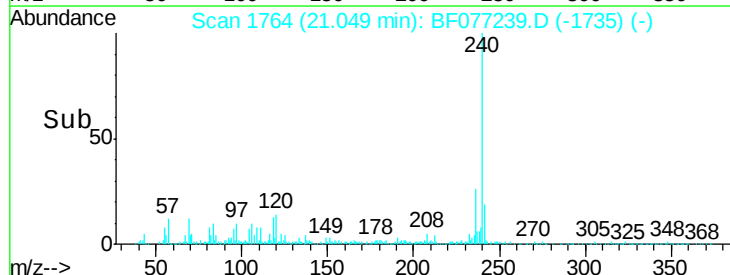
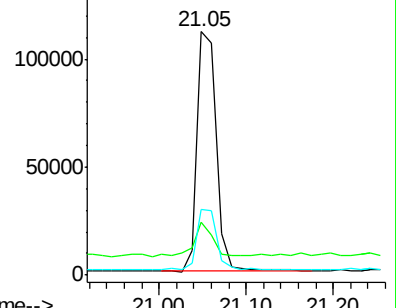
236 26.8 20.2 30.2

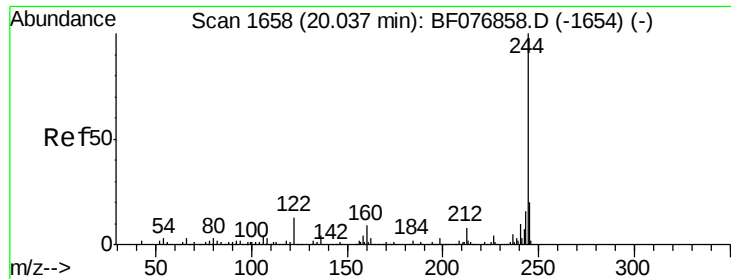


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 30.99 ng

RT: 19.77 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF077239.D

Acq: 10 Feb 2015 17:32

Instrument :

BNA_F

ClientSampleId :

UB9A

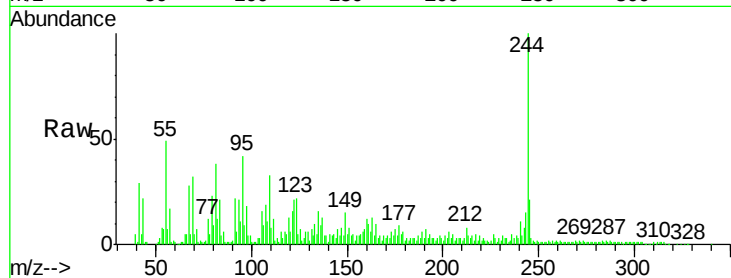
Tot Ion:244 Resp: 232123

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

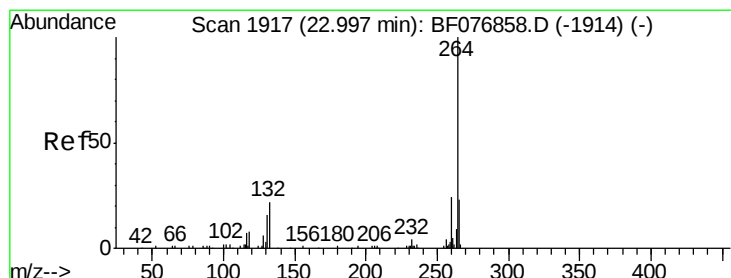
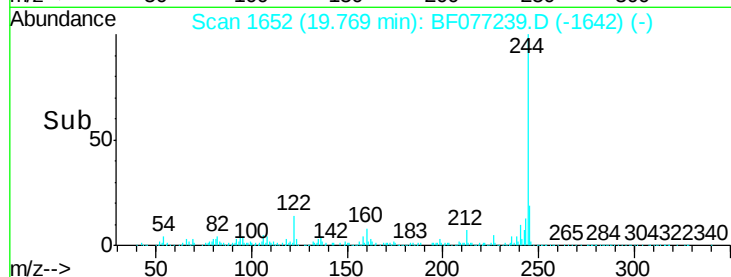
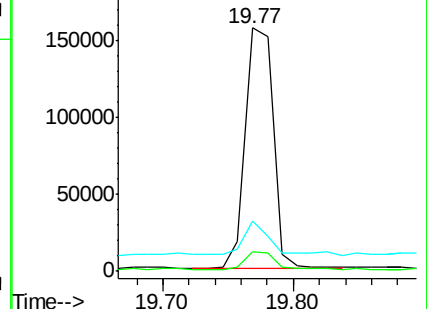
122 20.9 10.1 15.1#



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: 22.74 min Scan# 1912

Delta R.T. 0.08 min

Lab File: BF077239.D

Acq: 10 Feb 2015 17:32

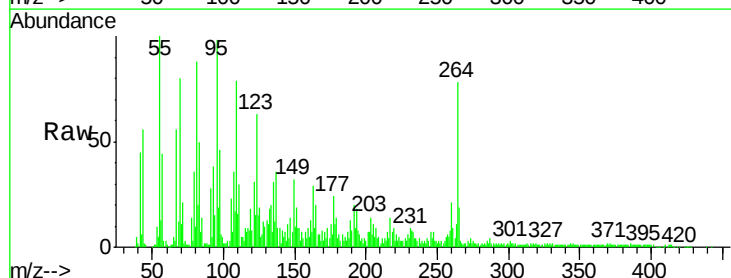
Tgt Ion:264 Resp: 157809

Ion Ratio Lower Upper

264 100

260 26.5 19.0 28.4

265 24.1 18.1 27.1



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

