

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
 Data File : BF077244.D
 Acq On : 10 Feb 2015 20:24
 Operator : TP/IZ
 Sample : G1254-05DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB11A

Quant Time: Feb 11 03:00:57 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	55058	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	240094	20.00	ng	0.01
38) Acenaphthene-d10	14.63	164	119153	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	210569	20.00	ng	0.00
75) Chrysene-d12	21.03	240	196306	20.00	ng	0.01
86) Perylene-d12	22.67	264	169338	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.65	112	16873	5.04	ng	0.06
7) Phenol-d6	7.05	99	28306	6.70	ng	0.03
23) Nitrobenzene-d5	8.91	82	11353	2.62	ng	0.01
41) 2,4,6-Tribromophenol	16.39	330	2072	2.14	ng	0.01
44) 2-Fluorobiphenyl	13.16	172	37803	4.83	ng	0.00
78) Terphenyl-d14	19.76	244	39250	4.60	ng	0.00

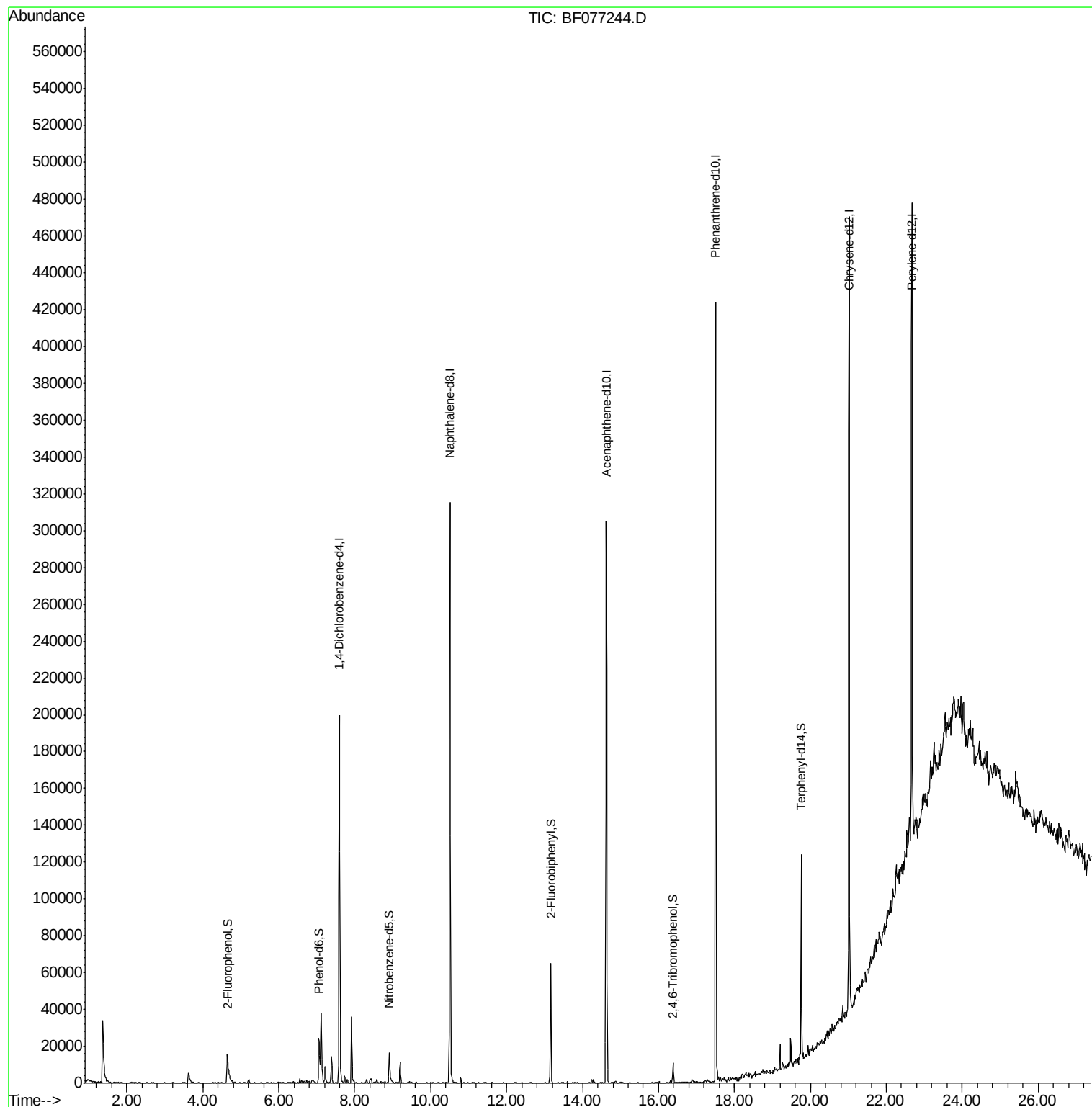
Target Compounds Qvalue

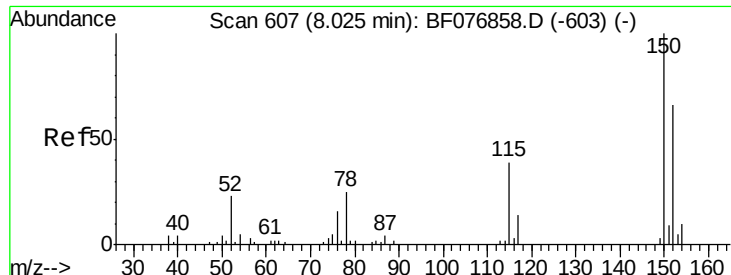
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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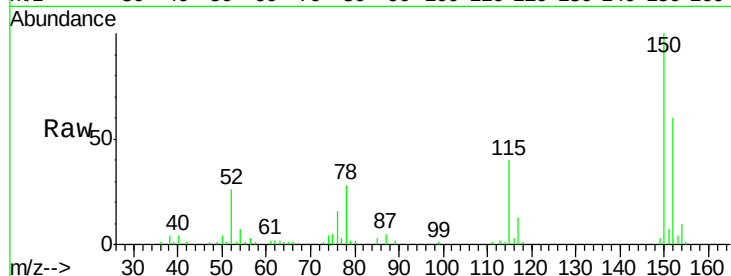


#1

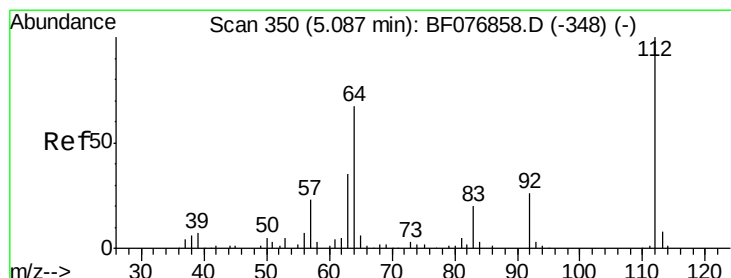
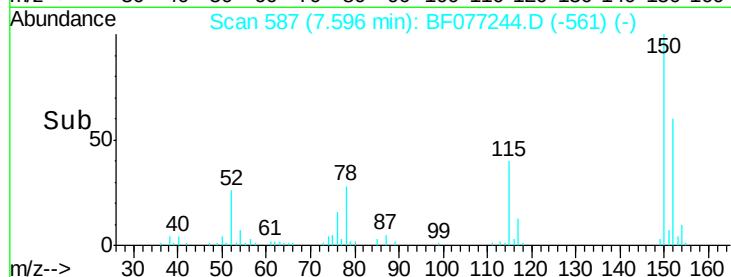
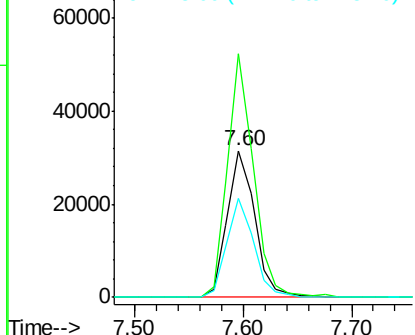
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077244.D
Acq: 10 Feb 2015 20:24

Instrument :
BNA_F
ClientSampleId :
UB11A

Tot Ion:152 Resp: 55058
Ion Ratio Lower Upper
152 100
150 165.8 121.7 182.5
115 67.1 47.0 70.6



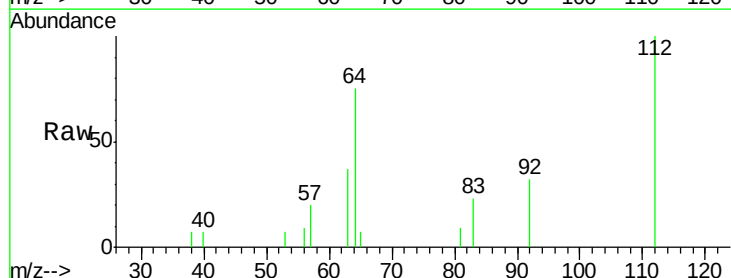
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



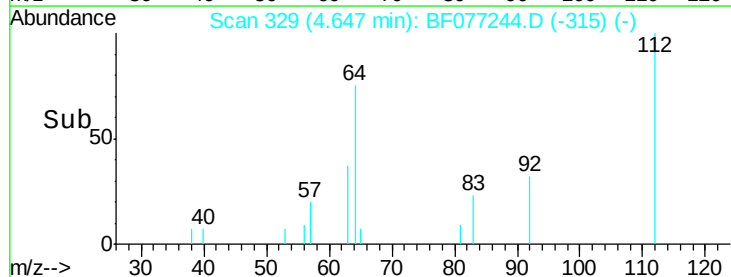
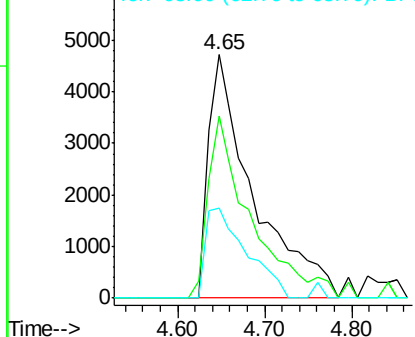
#5

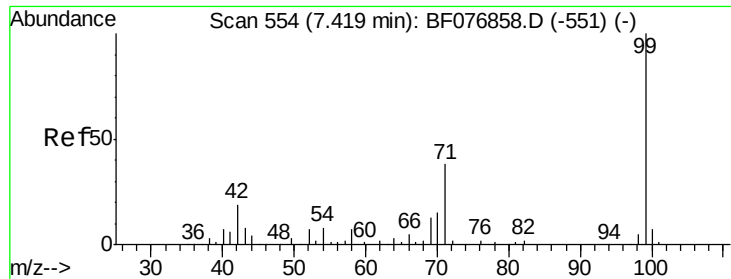
2-Fluorophenol
Concen: 5.04 ng
RT: 4.65 min Scan# 329
Delta R.T. 0.06 min
Lab File: BF077244.D
Acq: 10 Feb 2015 20:24

Tgt Ion:112 Resp: 16873
Ion Ratio Lower Upper
112 100
64 75.1 54.2 81.4
63 37.2 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: 6.70 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.03 min

Lab File: BF077244.D

Acq: 10 Feb 2015 20:24

Instrument :

BNA_F

ClientSampleId :

UB11A

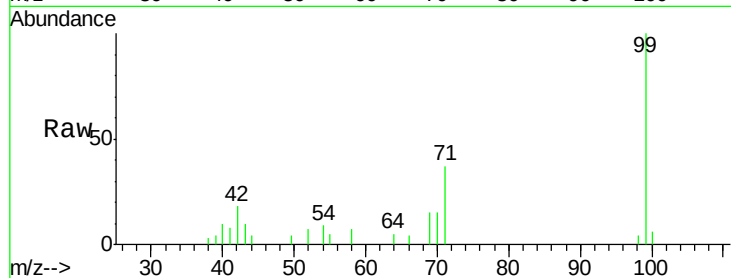
Tot Ion: 99 Resp: 28306

Ion Ratio Lower Upper

99 100

42 18.1 15.0 22.4

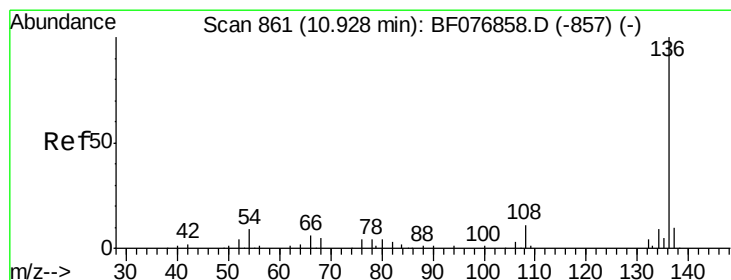
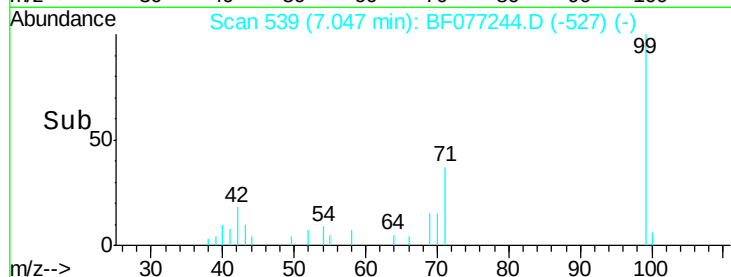
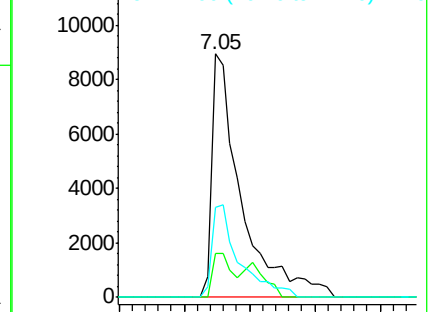
71 37.1 30.5 45.7



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: 10.51 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF077244.D

Acq: 10 Feb 2015 20:24

Tgt Ion: 136 Resp: 240094

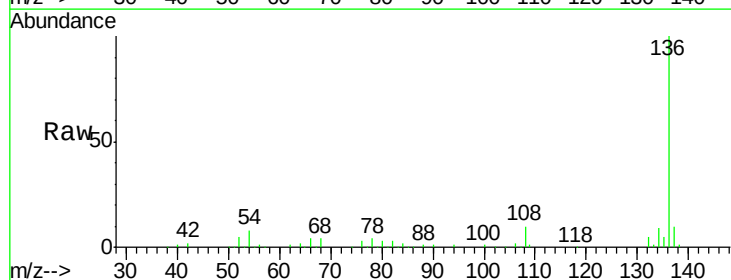
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 8.1 7.0 10.4

68 4.5 3.7 5.5

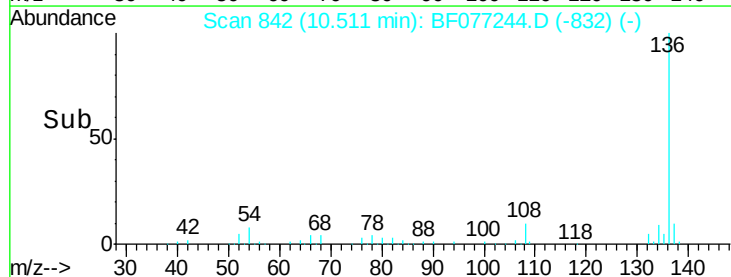
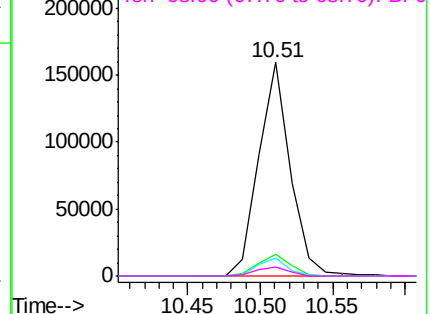


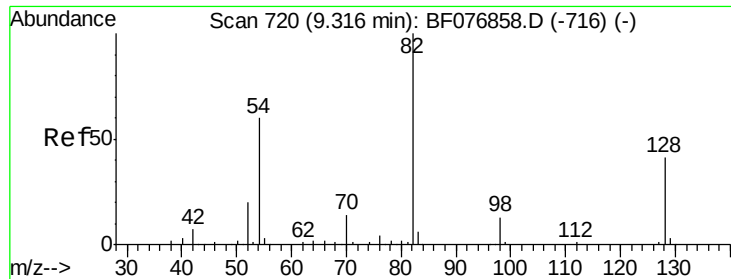
Abundance Ion 136.00 (135.70 to 136.70): E

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

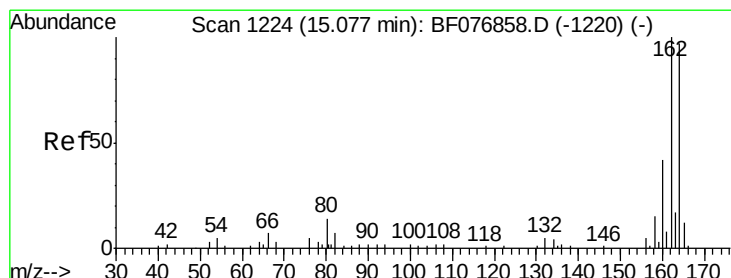
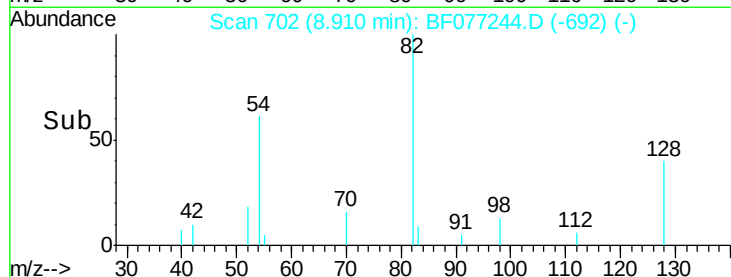
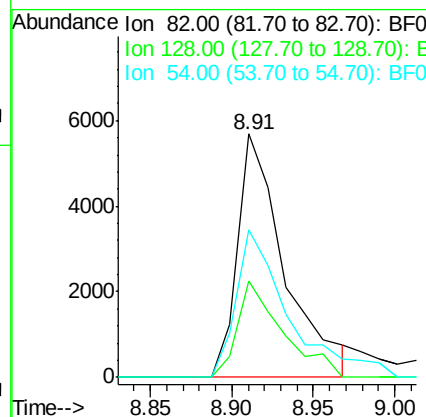
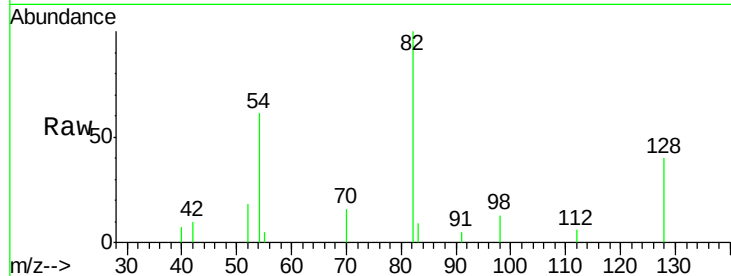




#23
 Nitrobenzene-d5
 Concen: 2.62 ng
 RT: 8.91 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BF077244.D
 Acq: 10 Feb 2015 20:24

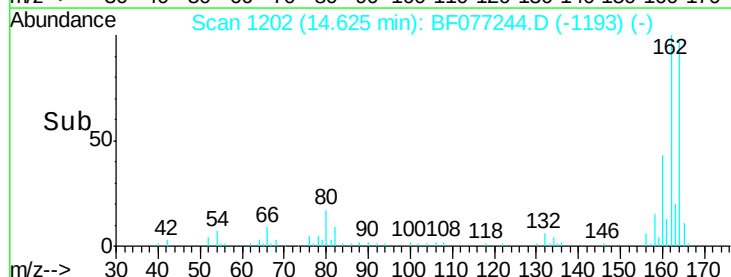
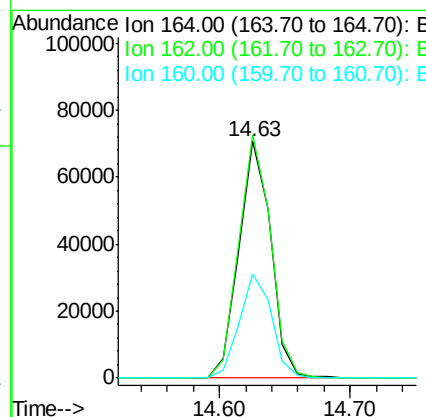
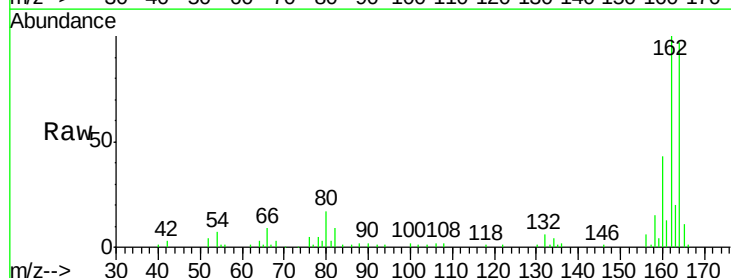
Instrument :
 BNA_F
 ClientSampleId :
 UB11A

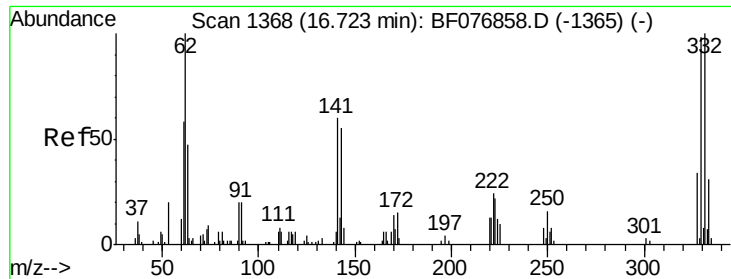
Tot Ion	82	Resp	11353
Ion Ratio	Lower	Upper	
82	100		
128	39.8	33.1	49.7
54	60.6	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF077244.D
 Acq: 10 Feb 2015 20:24

Tgt Ion	164	Resp	119153
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.4	123.6
160	44.0	34.8	52.2

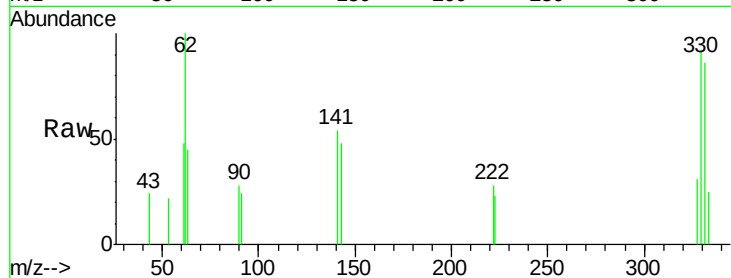




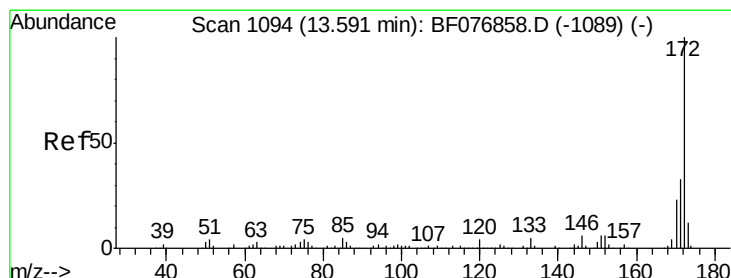
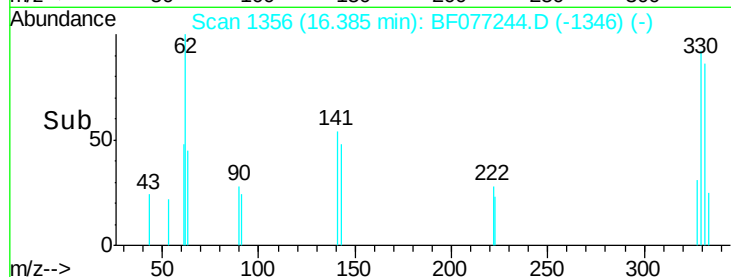
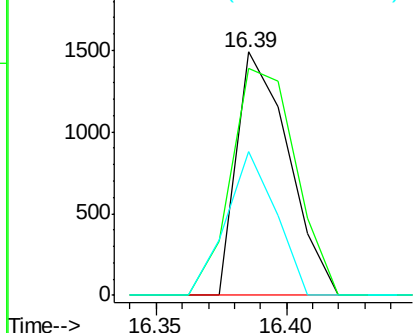
#41
 2,4,6-Tribromophenol
 Concen: 2.14 ng
 RT: 16.39 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF077244.D
 Acq: 10 Feb 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 UB11A

Tot Ion:330 Resp: 2072
 Ion Ratio Lower Upper
 330 100
 332 115.9 77.8 116.6
 141 56.5 38.5 57.7

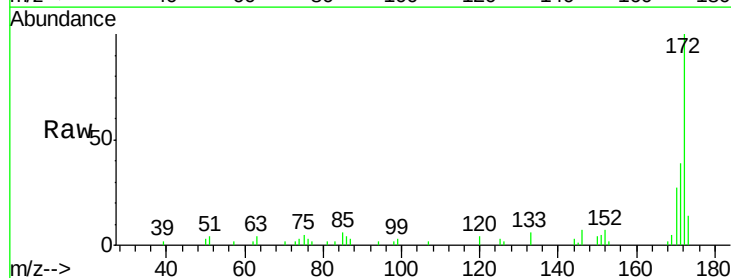


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

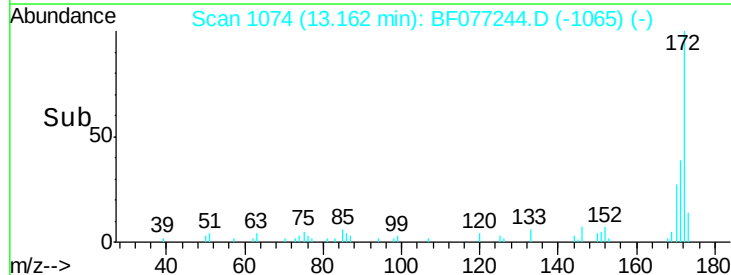
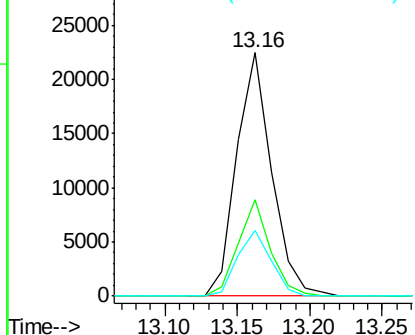


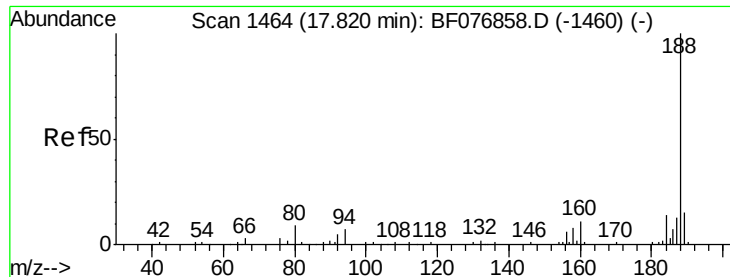
#44
 2-Fluorobiphenyl
 Concen: 4.83 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077244.D
 Acq: 10 Feb 2015 20:24

Tgt Ion:172 Resp: 37803
 Ion Ratio Lower Upper
 172 100
 171 39.4 26.6 40.0
 170 27.0 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: BF077244.D

Acq: 10 Feb 2015 20:24

Instrument :

BNA_F

ClientSampleId :

UB11A

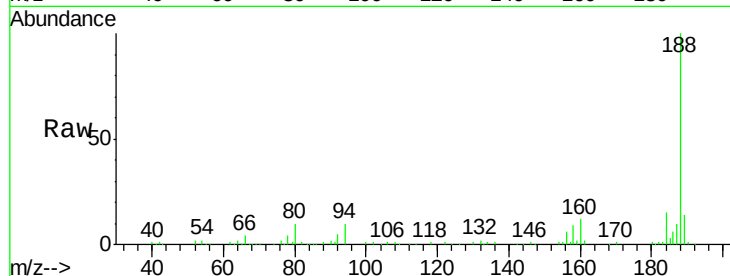
Tot Ion:188 Resp: 210569

Ion Ratio Lower Upper

188 100

94 9.9 6.0 9.0#

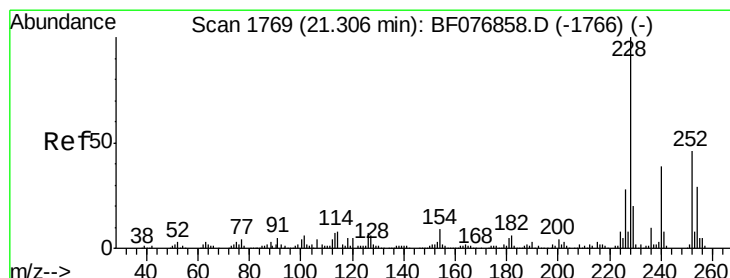
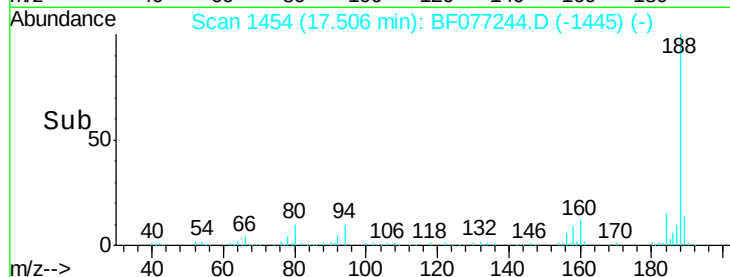
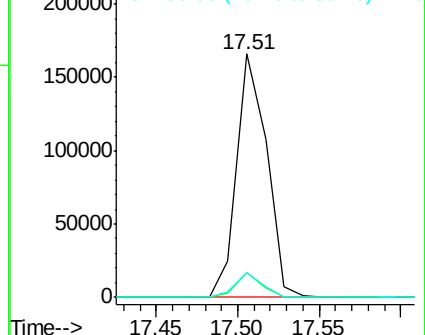
80 10.0 6.9 10.3



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: 21.03 min Scan# 1762

Delta R.T. 0.01 min

Lab File: BF077244.D

Acq: 10 Feb 2015 20:24

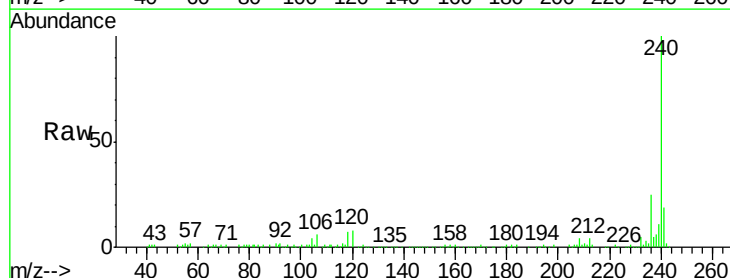
Tgt Ion:240 Resp: 196306

Ion Ratio Lower Upper

240 100

120 7.7 10.4 15.6#

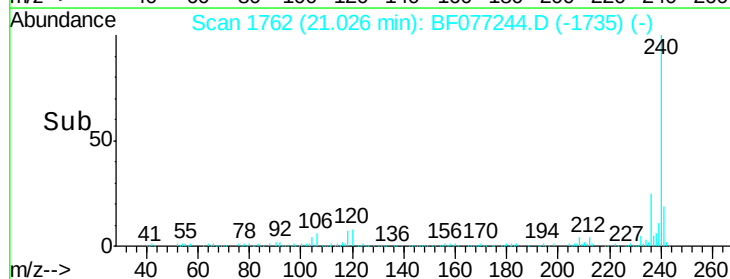
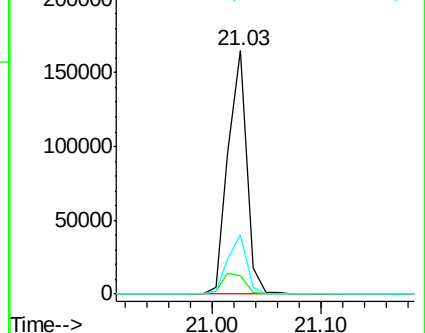
236 24.6 20.2 30.2

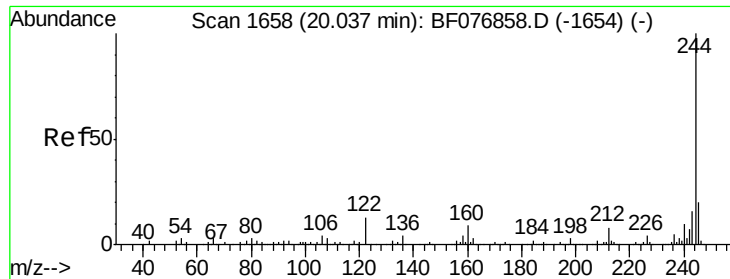


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 4.60 ng

RT: 19.76 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF077244.D

Acq: 10 Feb 2015 20:24

Instrument :

BNA_F

ClientSampleId :

UB11A

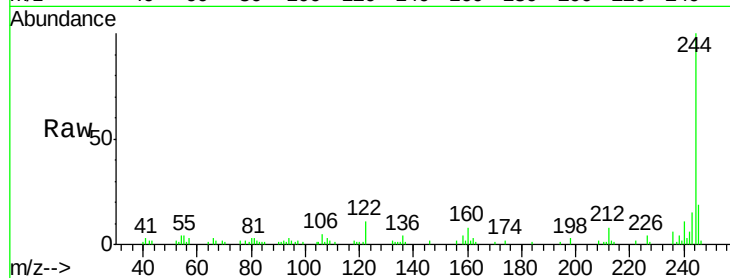
Tot Ion:244 Resp: 39250

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

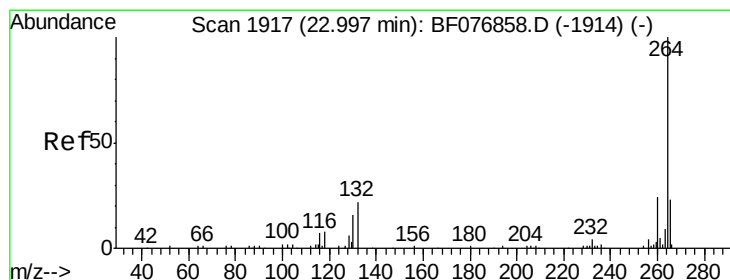
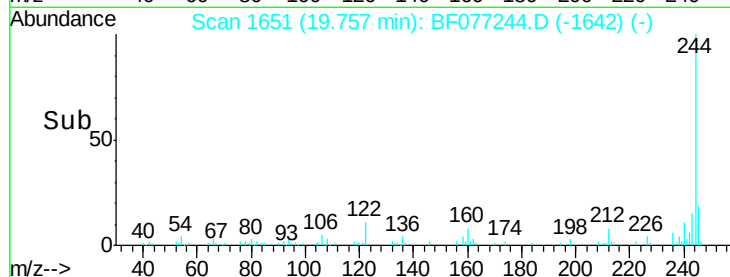
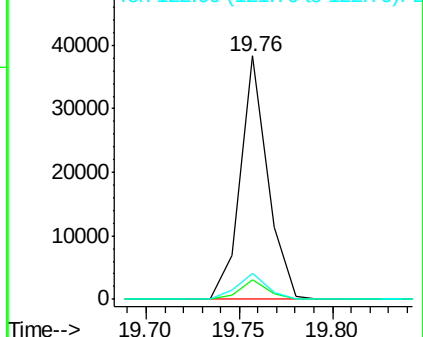
122 10.6 10.1 15.1



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: 22.67 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BF077244.D

Acq: 10 Feb 2015 20:24

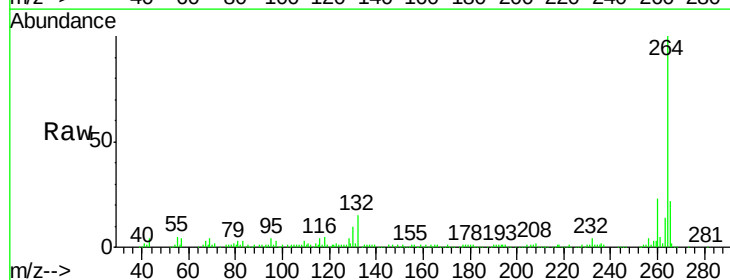
Tgt Ion:264 Resp: 169338

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.0 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

