

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077213.D
 Acq On : 6 Feb 2015 21:29
 Operator : TP/IZ
 Sample : G1212-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4A

Quant Time: Feb 07 00:17:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:01:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29276	20.00	ng	-0.05
21) Naphthalene-d8	10.56	136	124084	20.00	ng	-0.05
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.67
63) Phenanthrene-d10	17.54	188	121074	20.00	ng	0.00
75) Chrysene-d12	21.05	240	119621	20.00	ng	0.00
86) Perylene-d12	22.68	264	106494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.64	99	213	0.09	ng	0.06
23) Nitrobenzene-d5	8.94	82	99874	44.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.42	330	41545	0.00	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	212273	0.00	ng	0.00
78) Terphenyl-d14	19.79	244	227318	43.75	ng	0.00

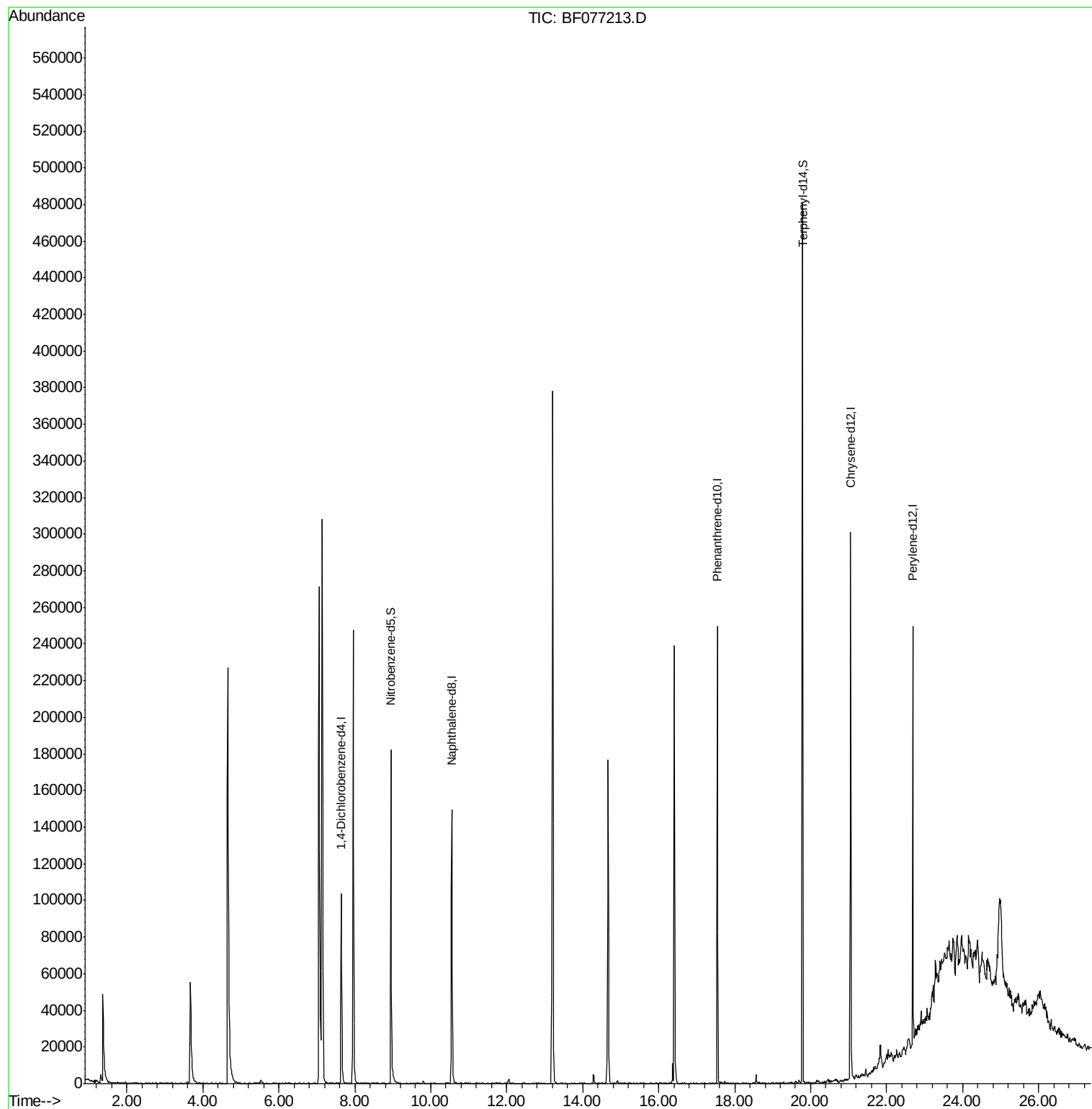
Target Compounds Qvalue

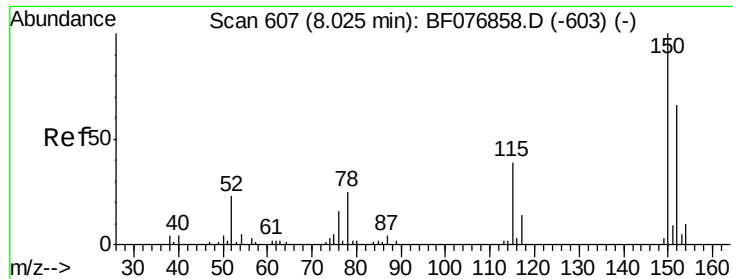
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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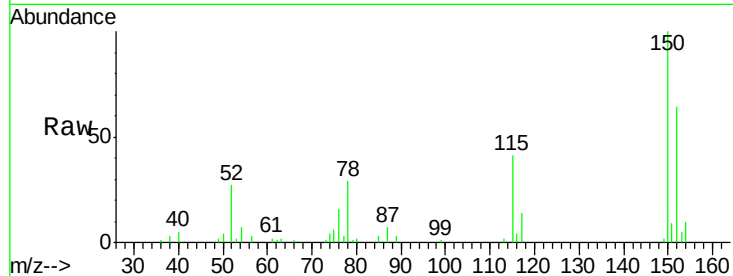


#1

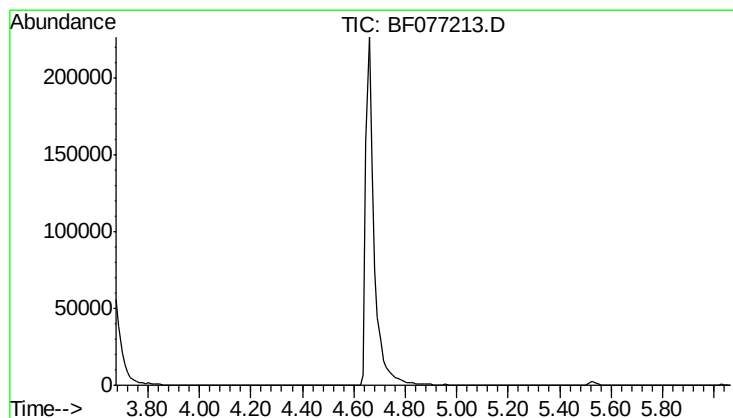
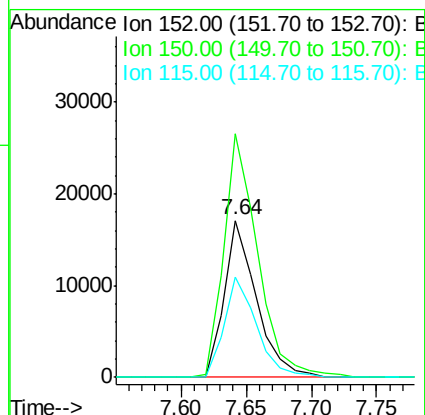
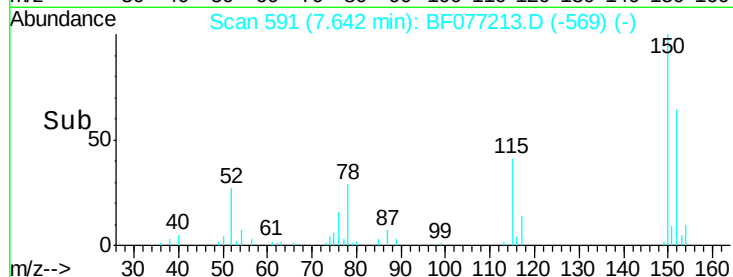
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF077213.D
Acq: 6 Feb 2015 21:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4A

Tot Ion:152 Resp: 29276
Ion Ratio Lower Upper
152 100
150 155.2 121.7 182.5
115 63.7 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

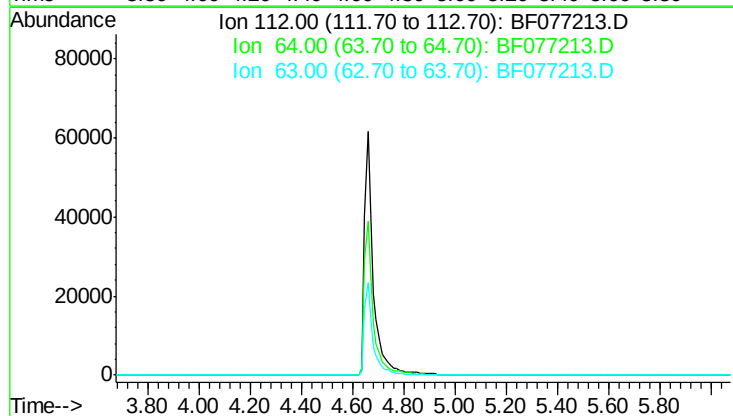


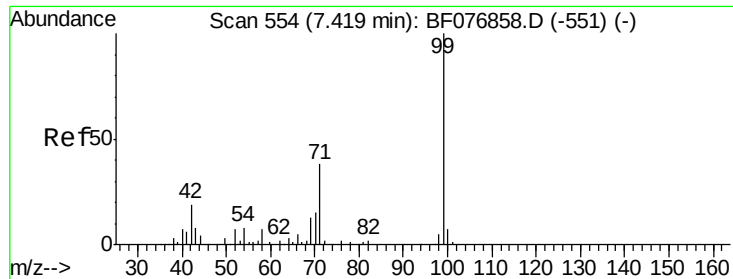
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 4.77 min

Lab File: BF077213.D
Acq: 6 Feb 2015 21:29

Tgt Ion: 112
Sig Exp Ratio
112 100
64 67.8
63 35.5





#7

Phenol-d6

Concen: 0.09 ng

RT: 7.64 min Scan# 591

Delta R.T. 0.06 min

Lab File: BF077213.D

Acq: 6 Feb 2015 21:29

Instrument :

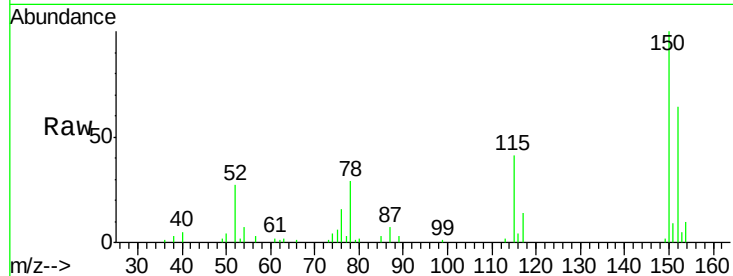
BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4A

Tot Ion: 99 Resp: 213

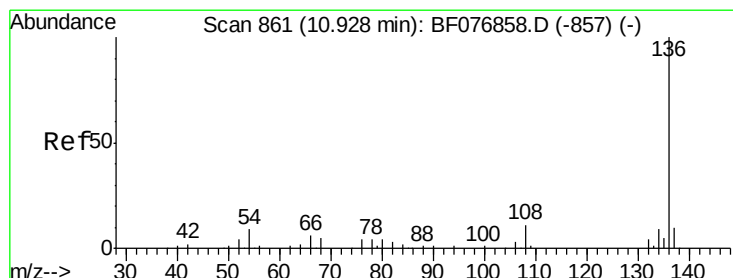
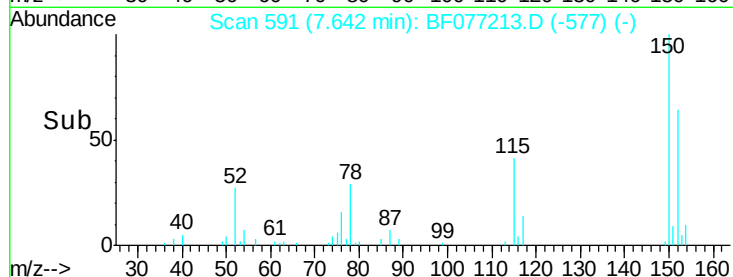
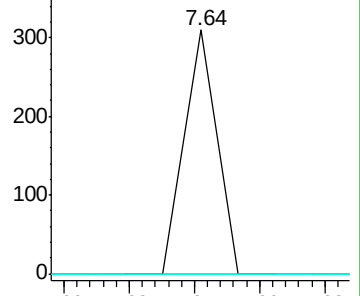
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.0	22.4#
71	0.0	30.5	45.7#



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: 10.56 min Scan# 846

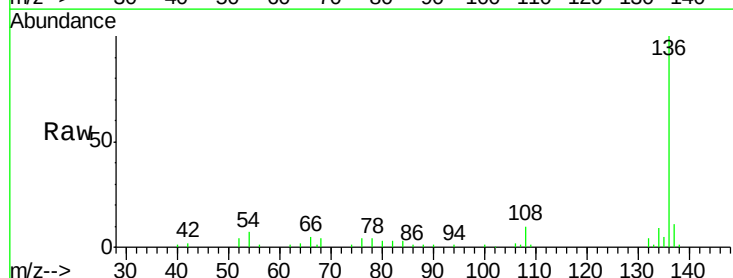
Delta R.T. -0.05 min

Lab File: BF077213.D

Acq: 6 Feb 2015 21:29

Tgt Ion: 136 Resp: 124084

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.1	12.1
54	7.5	7.0	10.4
68	3.9	3.7	5.5

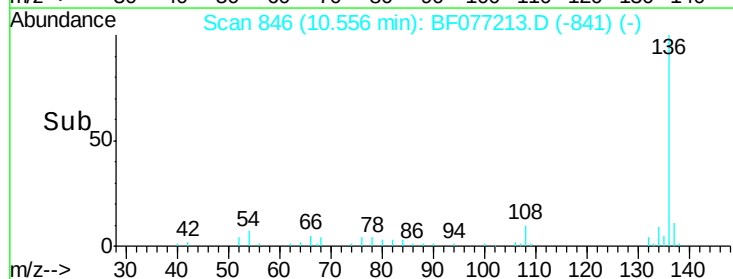
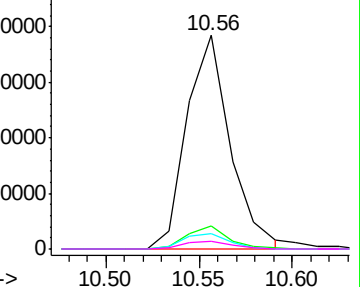


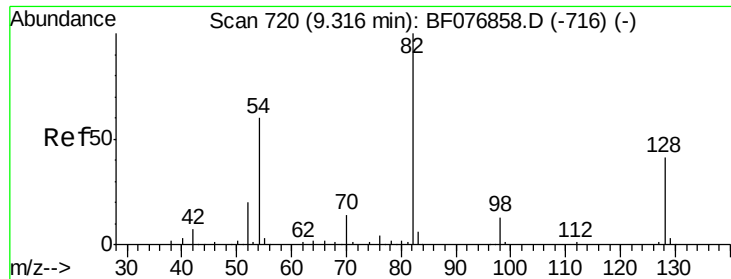
Abundance Ion 136.00 (135.70 to 136.70): E

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

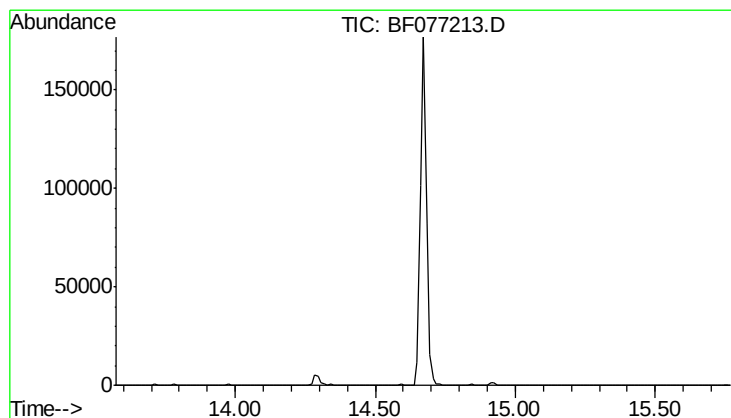
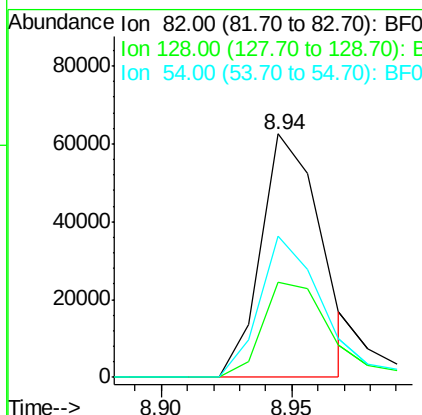
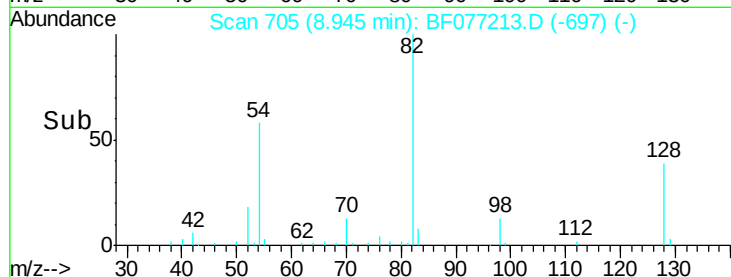
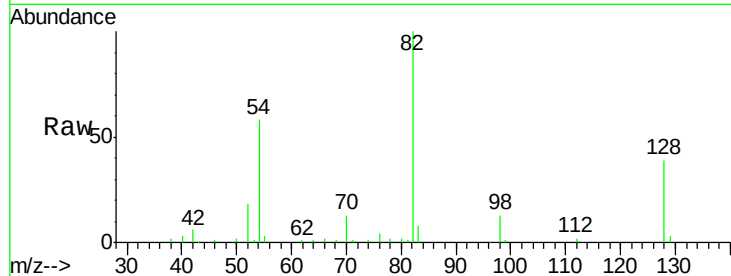




#23
 Nitrobenzene-d5
 Concen: 44.59 ng
 RT: 8.94 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4A

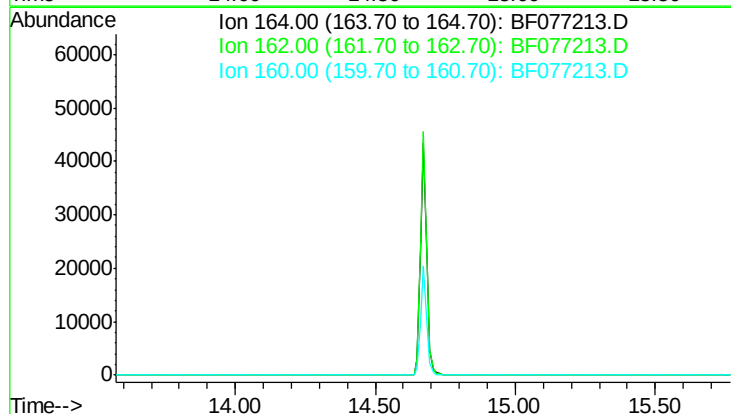
Tot Ion: 82 Resp: 99874
 Ion Ratio Lower Upper
 82 100
 128 39.0 33.1 49.7
 54 58.1 48.3 72.5

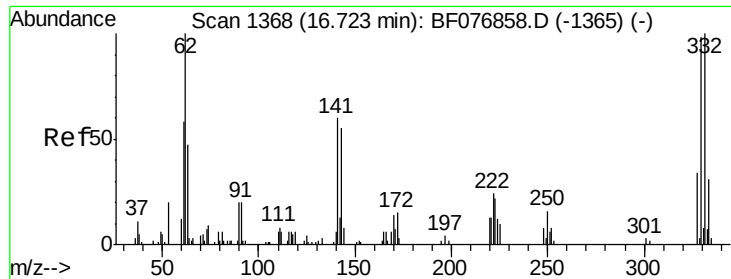


#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 14.67 min

Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 103.0
 160 43.5





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

RT: 16.42 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF077213.D

Acq: 6 Feb 2015 21:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4A

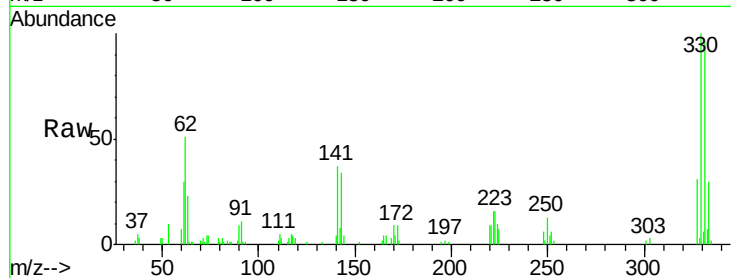
Tot Ion:330 Resp: 41545

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

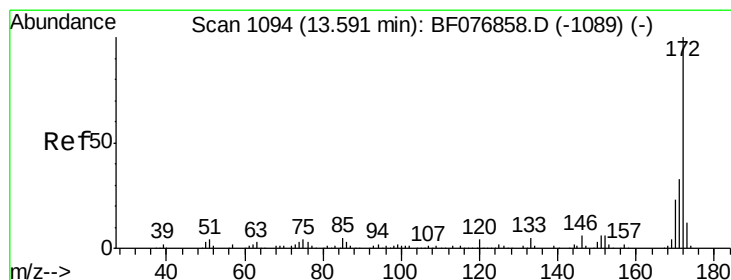
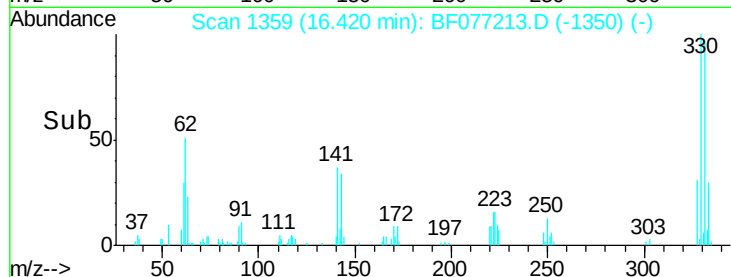
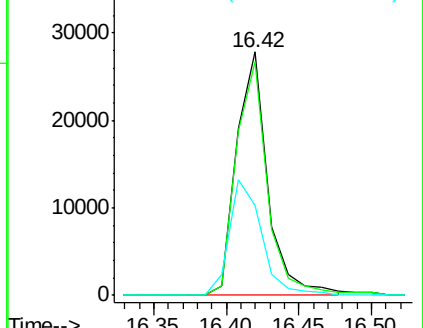
141 49.3 38.5 57.7



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: 0.00 ng

RT: 13.21 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF077213.D

Acq: 6 Feb 2015 21:29

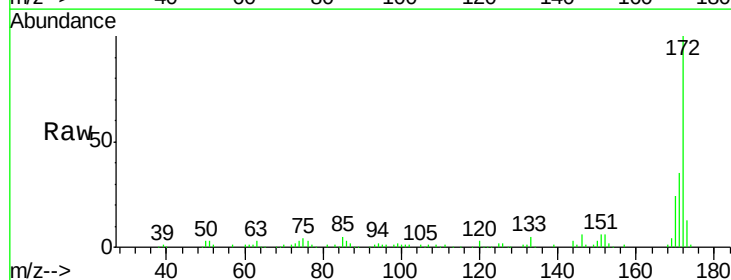
Tgt Ion:172 Resp: 212273

Ion Ratio Lower Upper

172 100

171 34.7 26.6 40.0

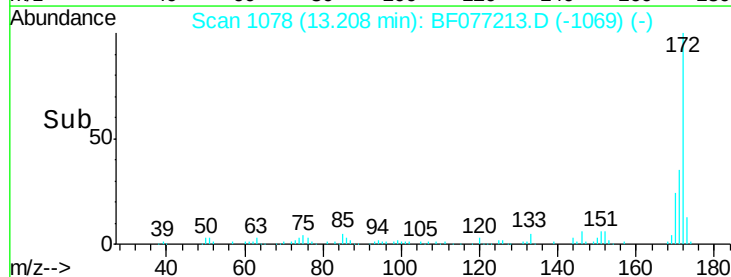
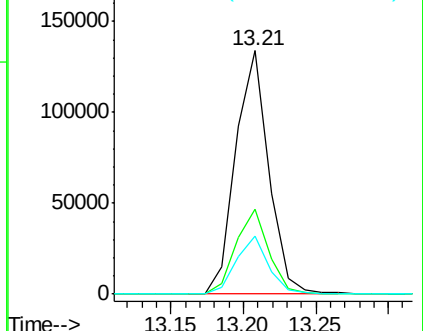
170 23.6 18.0 27.0

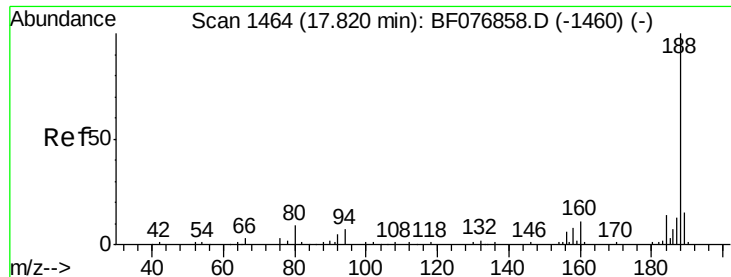


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

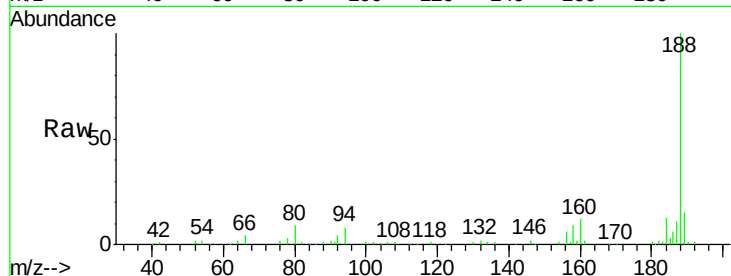




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF077213.D
Acq: 6 Feb 2015 21:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4A

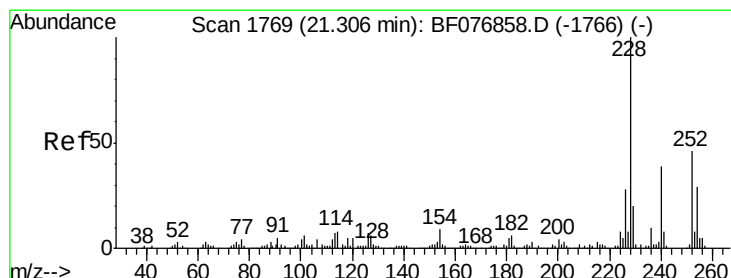
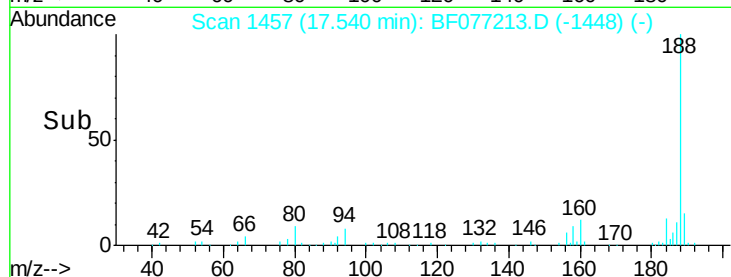
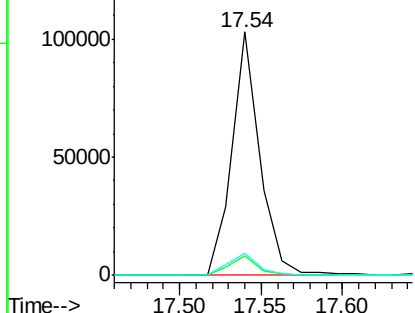
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.0	9.0
80	8.9	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): E

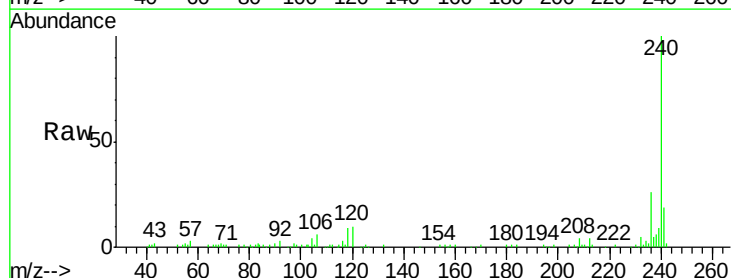
Ion 94.00 (93.70 to 94.70): BF0

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. -0.00 min
Lab File: BF077213.D
Acq: 6 Feb 2015 21:29

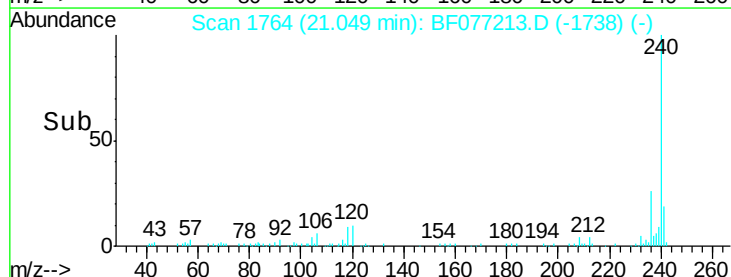
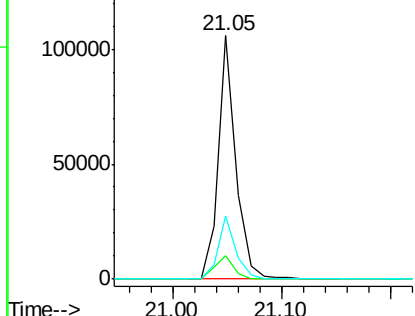
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.4	15.6#
236	25.7	20.2	30.2

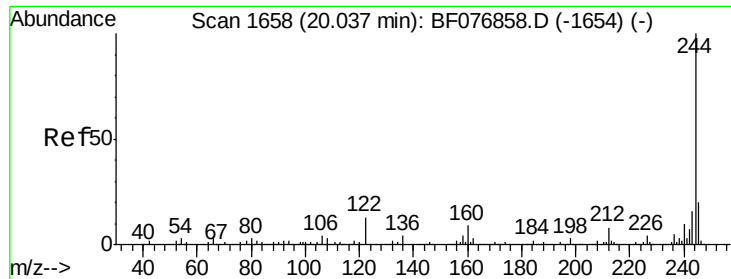


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

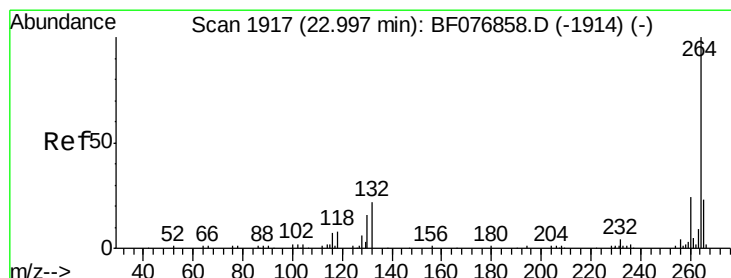
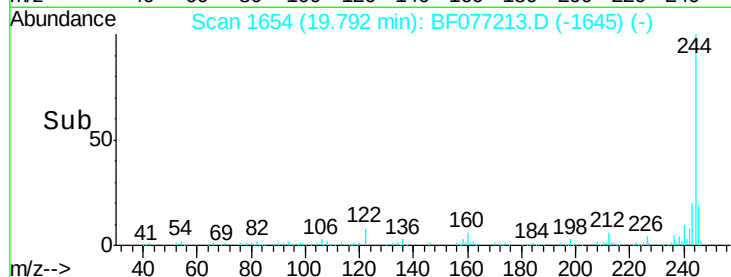
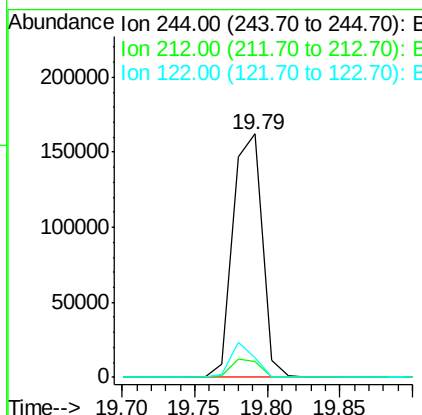
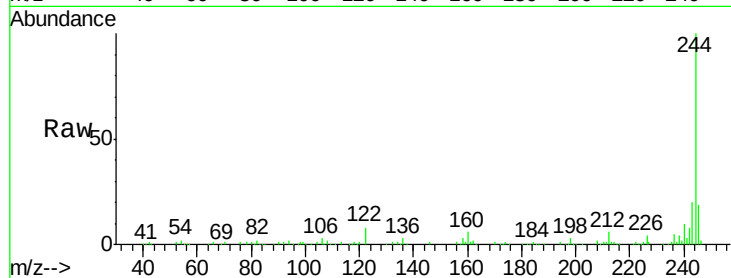




#78
 Terphenyl-d14
 Concen: 43.75 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4A

Tot Ion:244 Resp: 227318
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.3 9.5
 122 8.3 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.68 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

Tgt Ion:264 Resp: 106494
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 21.3 18.1 27.1

