

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077206.D
 Acq On : 6 Feb 2015 17:27
 Operator : TP/IZ
 Sample : G1238-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Quant Time: Feb 06 23:07:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 22:52:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29213	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	118932	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	57528	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	112262	20.00	ng	0.00
75) Chrysene-d12	21.05	240	107994	20.00	ng	0.00
86) Perylene-d12	22.69	264	99048	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	94018	52.91	ng	0.00
7) Phenol-d6	7.06	99	71418	31.86	ng	0.00
23) Nitrobenzene-d5	8.94	82	172376	80.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.42	330	66437	142.27	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	368748	97.55	ng	0.00
78) Terphenyl-d14	19.79	244	392006	83.57	ng	0.00

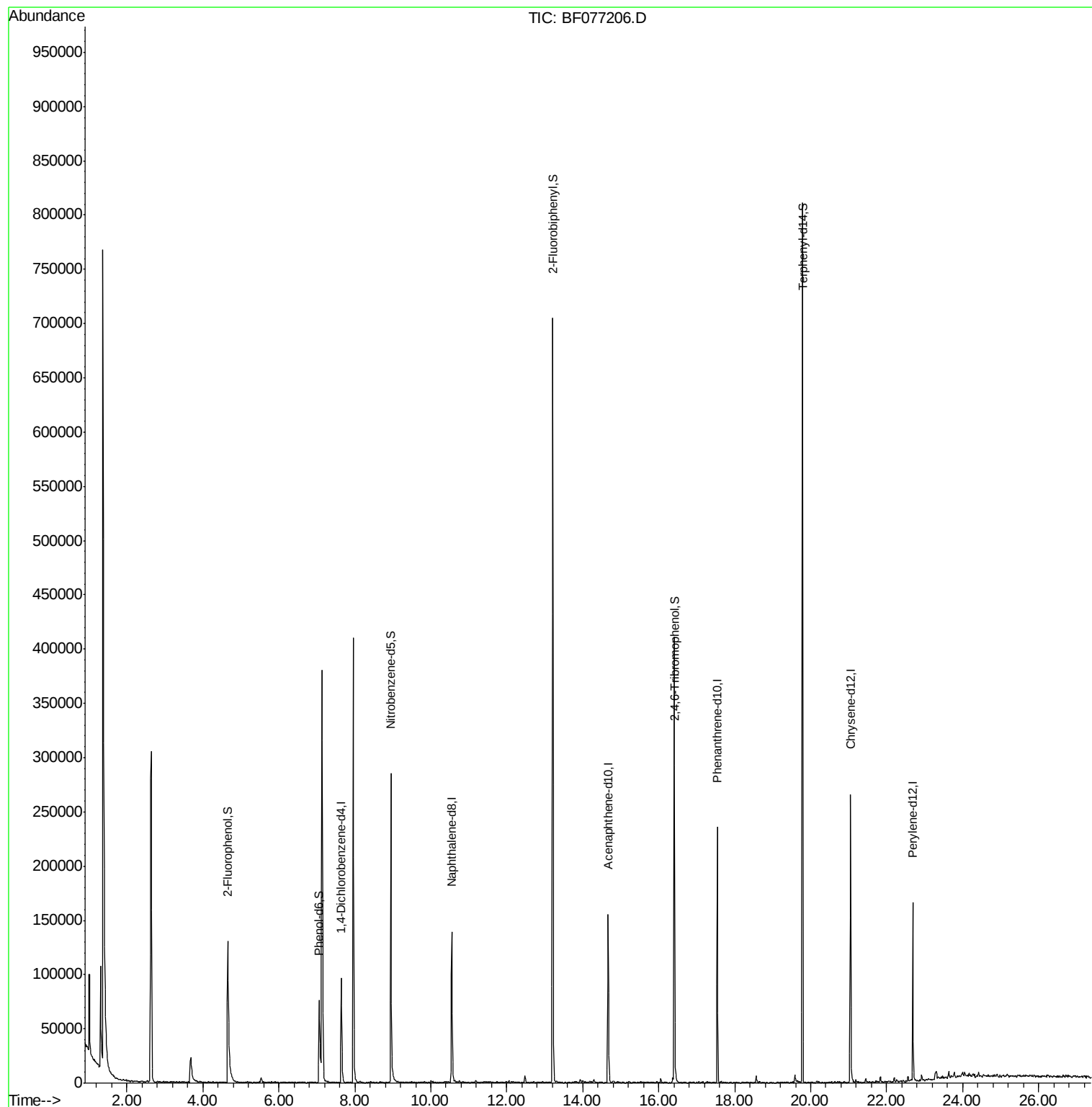
Target Compounds Qvalue

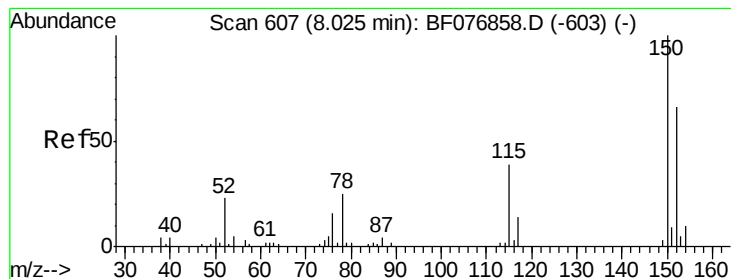
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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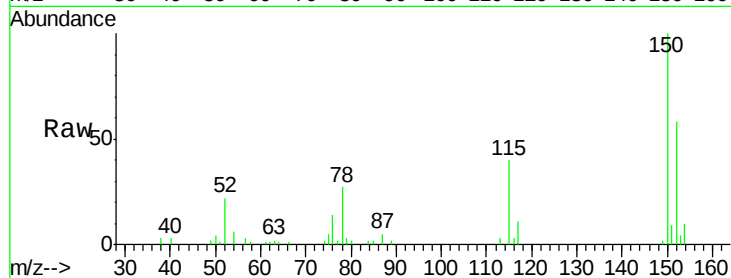


#1

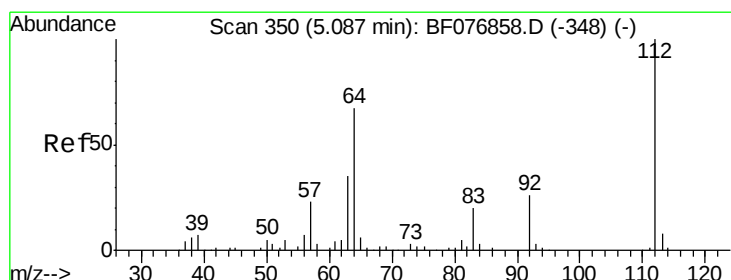
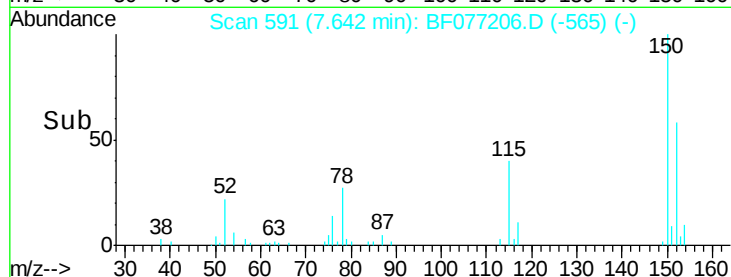
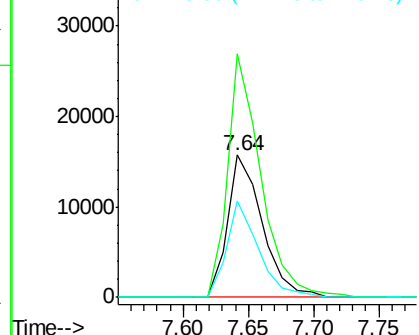
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077206.D
Acq: 6 Feb 2015 17:27

Instrument :
BNA_F
ClientSampleId :
MW1

Tot Ion:152 Resp: 29213
Ion Ratio Lower Upper
152 100
150 171.1 121.7 182.5
115 68.1 47.0 70.6



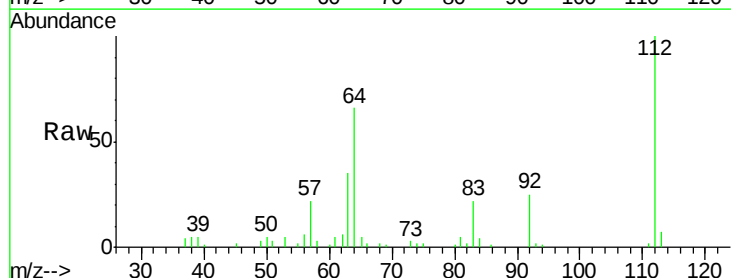
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



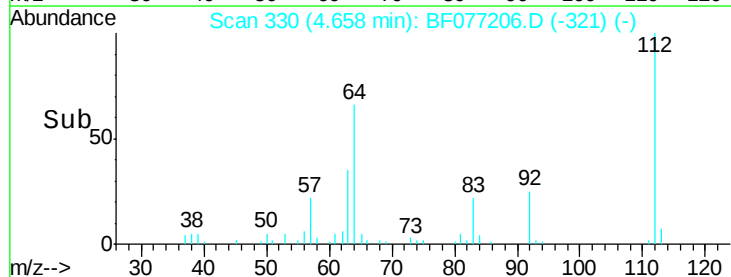
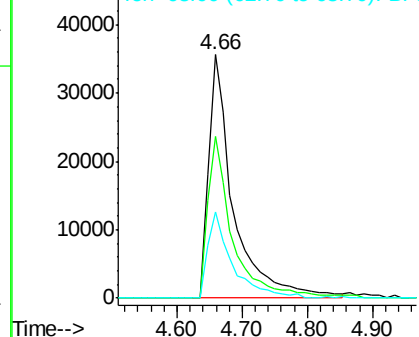
#5

2-Fluorophenol
Concen: 52.91 ng
RT: 4.66 min Scan# 330
Delta R.T. -0.00 min
Lab File: BF077206.D
Acq: 6 Feb 2015 17:27

Tgt Ion:112 Resp: 94018
Ion Ratio Lower Upper
112 100
64 66.5 54.2 81.4
63 35.4 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: 31.86 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077206.D

Acq: 6 Feb 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW1

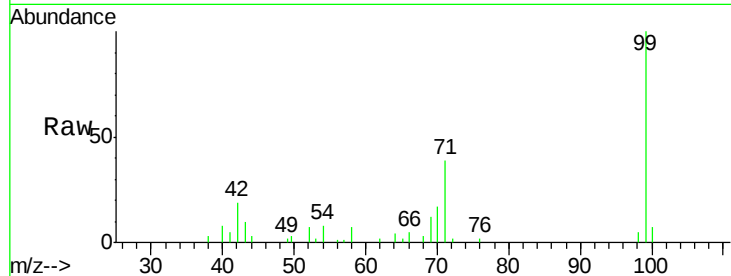
Tot Ion: 99 Resp: 71418

Ion Ratio Lower Upper

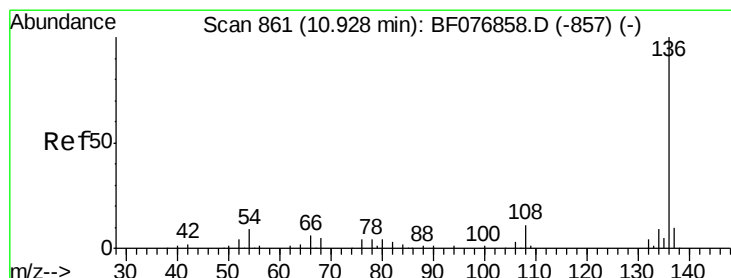
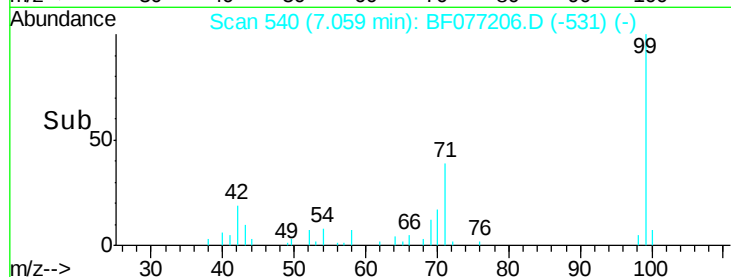
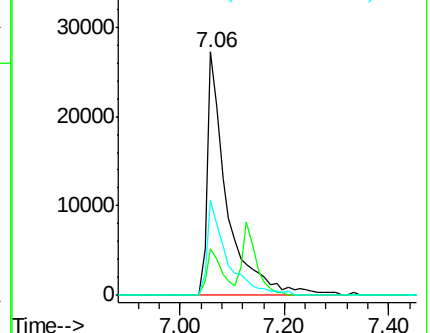
99 100

42 19.1 15.0 22.4

71 39.2 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. -0.00 min

Lab File: BF077206.D

Acq: 6 Feb 2015 17:27

Tgt Ion: 136 Resp: 118932

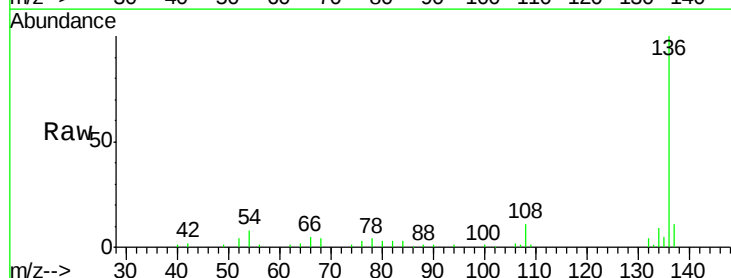
Ion Ratio Lower Upper

136 100

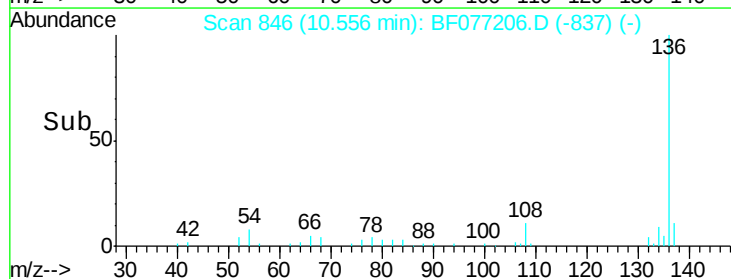
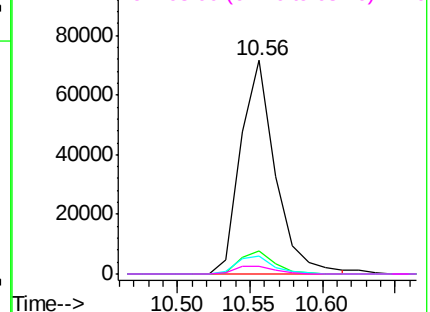
137 10.7 8.1 12.1

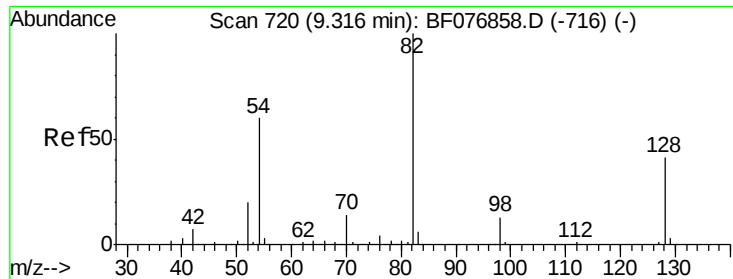
54 8.4 7.0 10.4

68 3.6 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

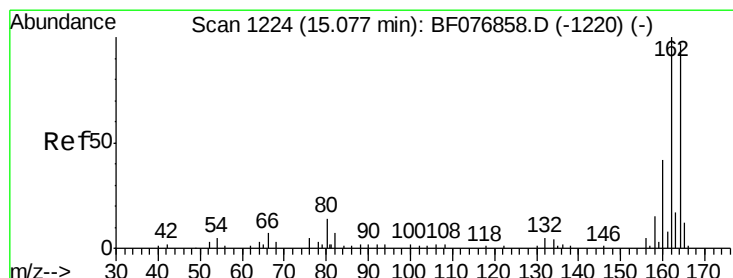
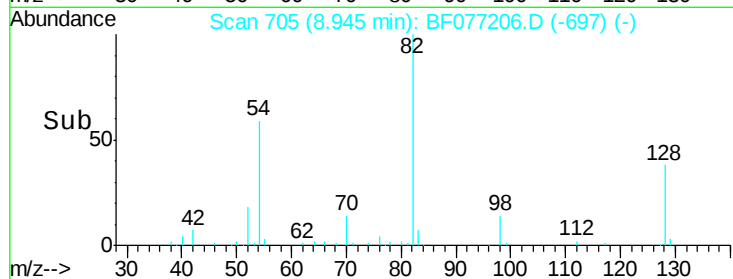
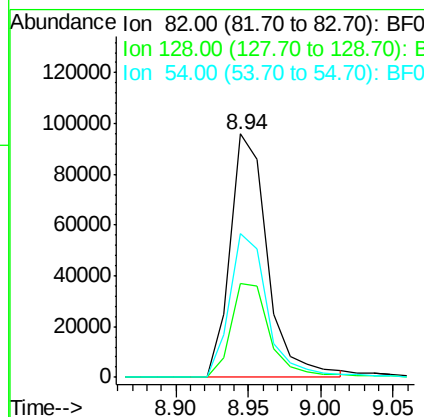
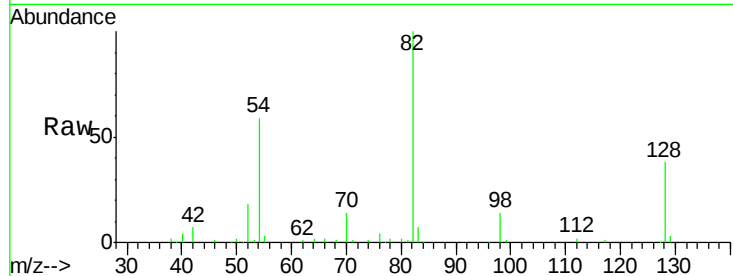




#23
 Nitrobenzene-d5
 Concen: 80.30 ng
 RT: 8.94 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077206.D
 Acq: 6 Feb 2015 17:27

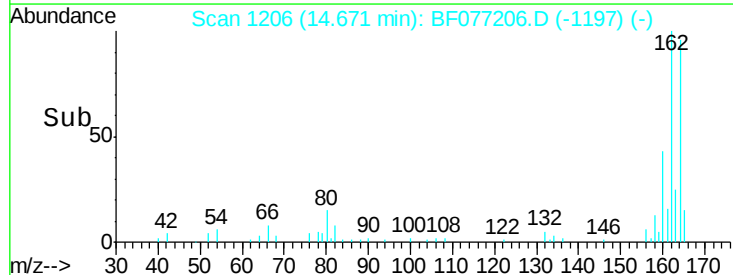
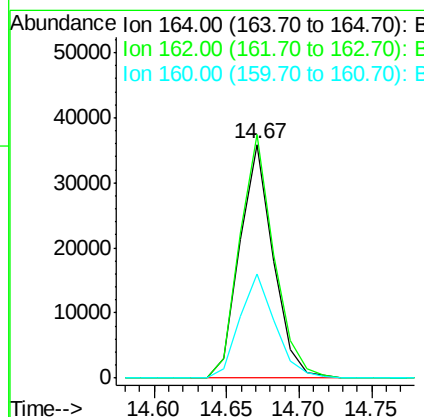
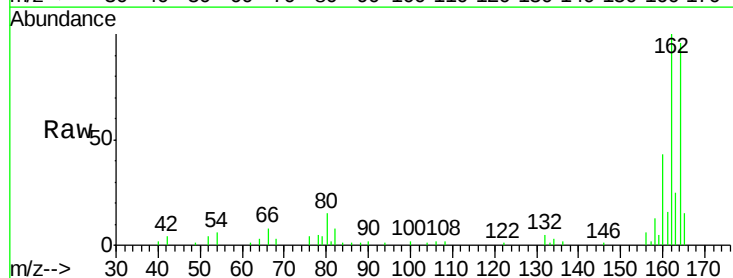
Instrument :
 BNA_F
 ClientSampleId :
 MW1

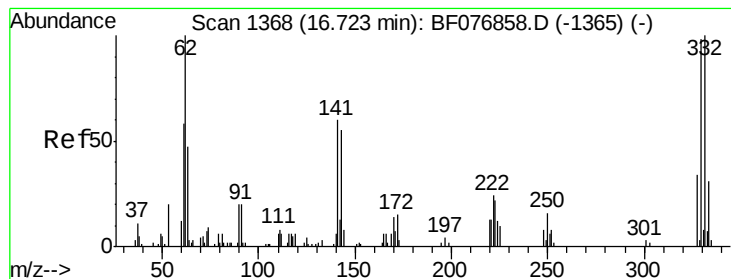
Tot Ion: 82 Resp: 172376
 Ion Ratio Lower Upper
 82 100
 128 38.4 33.1 49.7
 54 59.3 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077206.D
 Acq: 6 Feb 2015 17:27

Tgt Ion:164 Resp: 57528
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.4 123.6
 160 44.8 34.8 52.2





#41

2,4,6-Tribromophenol

Concen: 142.27 ng

RT: 16.42 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF077206.D

Acq: 6 Feb 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW1

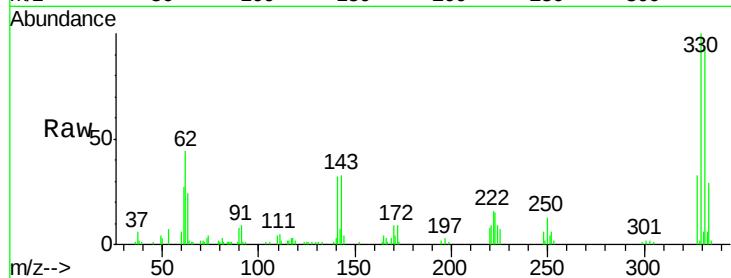
Tot Ion:330 Resp: 66437

Ion Ratio Lower Upper

330 100

332 94.7 77.8 116.6

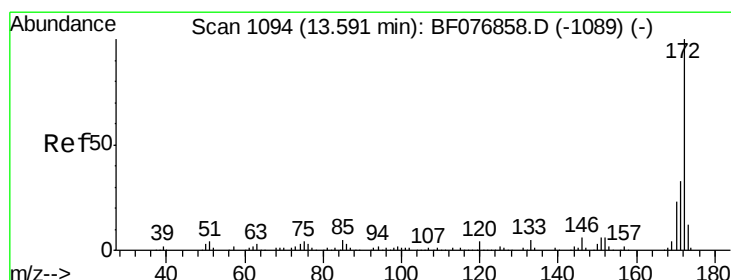
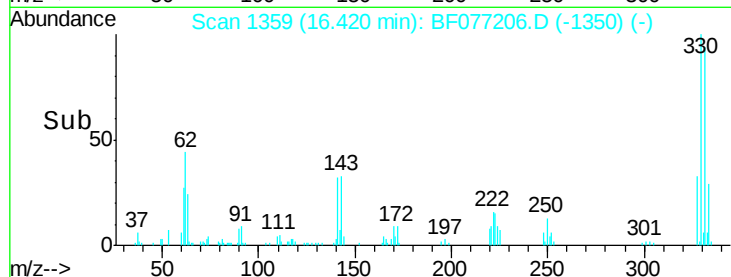
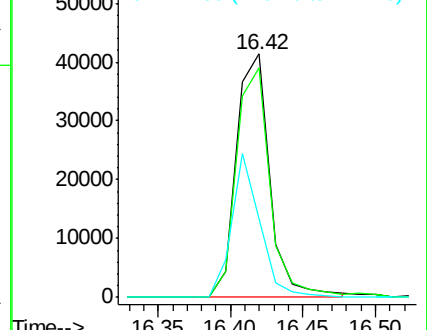
141 50.2 38.5 57.7



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: 97.55 ng

RT: 13.21 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF077206.D

Acq: 6 Feb 2015 17:27

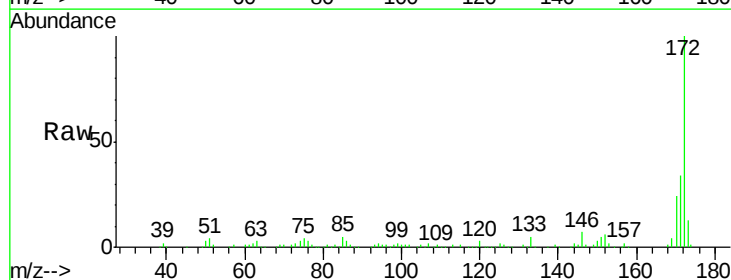
Tgt Ion:172 Resp: 368748

Ion Ratio Lower Upper

172 100

171 33.7 26.6 40.0

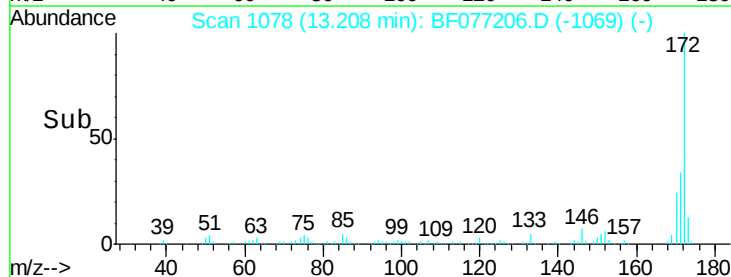
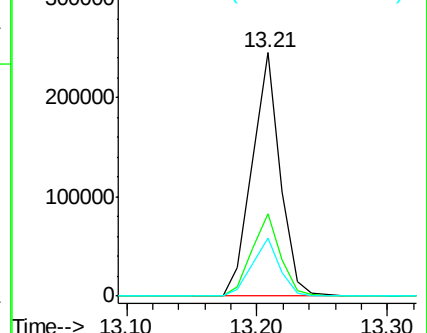
170 23.7 18.0 27.0



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

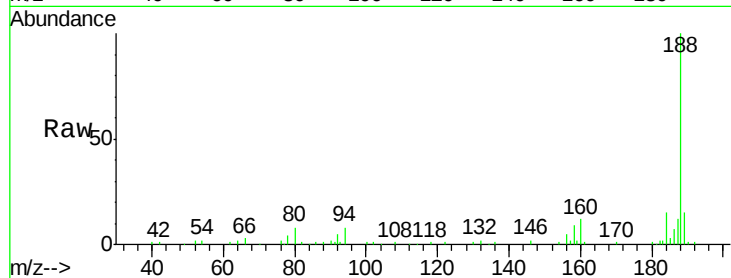




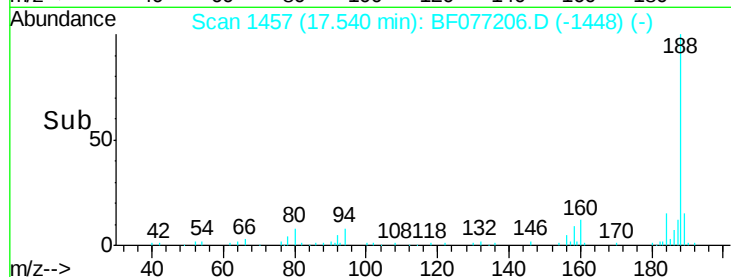
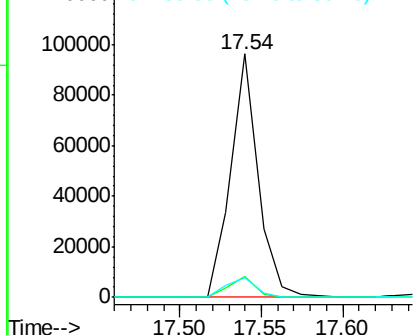
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF077206.D
Acq: 6 Feb 2015 17:27

Instrument :
BNA_F
ClientSampleId :
MW1

Tot Ion:188 Resp: 112262
Ion Ratio Lower Upper
188 100
94 8.5 6.0 9.0
80 8.0 6.9 10.3

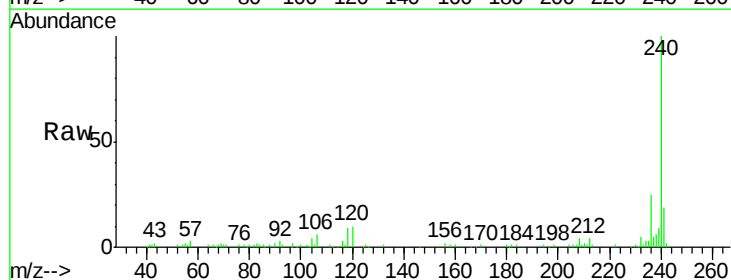


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

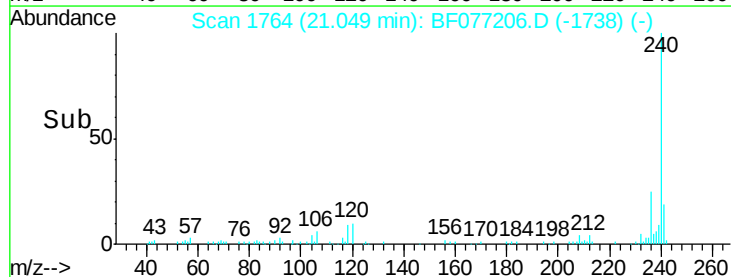
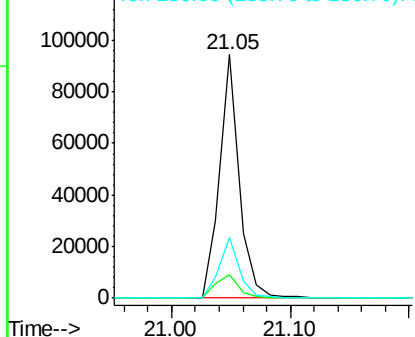


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF077206.D
Acq: 6 Feb 2015 17:27

Tgt Ion:240 Resp: 107994
Ion Ratio Lower Upper
240 100
120 9.9 10.4 15.6#
236 24.8 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

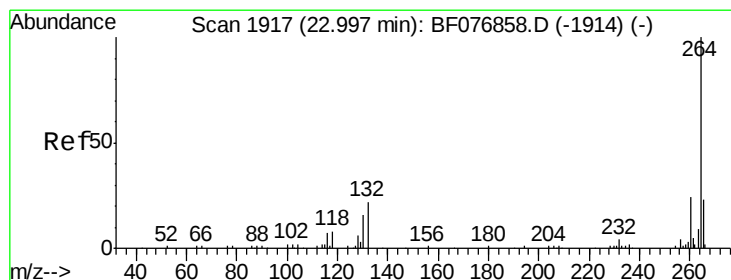
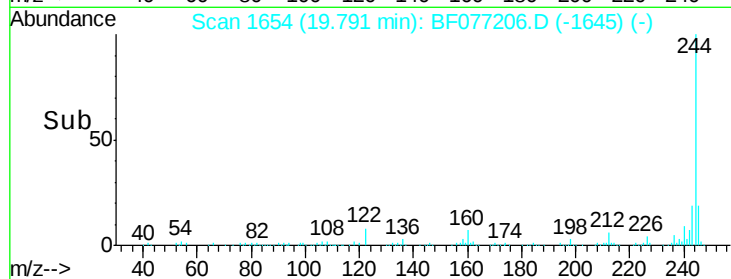
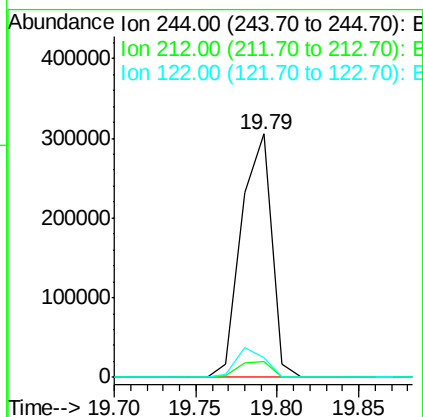
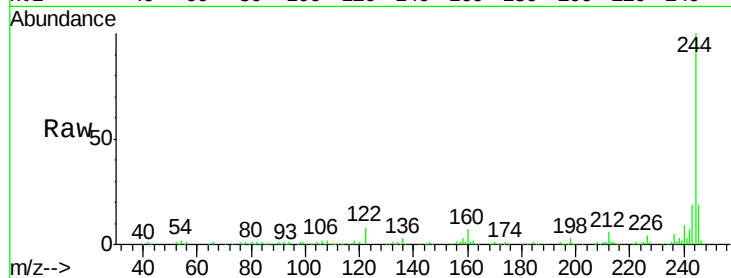




#78
 Terphenyl-d14
 Concen: 83.57 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BF077206.D
 Acq: 6 Feb 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tot Ion:244 Resp: 392006
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.3 9.5
 122 8.1 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.69 min Scan# 1908
 Delta R.T. -0.05 min
 Lab File: BF077206.D
 Acq: 6 Feb 2015 17:27

Tgt Ion:264 Resp: 99048
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 20.3 18.1 27.1

