

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
 Data File : BF077043.D
 Acq On : 23 Jan 2015 18:20
 Operator : TP/IZ
 Sample : G1150-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jan 23 22:57:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 22:30:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	20875	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	92459	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	48179	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	82343	20.00	ng	0.00
75) Chrysene-d12	21.15	240	81586	20.00	ng	0.00
86) Perylene-d12	22.78	264	69725	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.79	112	57162	45.02	ng	0.00
7) Phenol-d6	7.17	99	49986	31.21	ng	0.00
23) Nitrobenzene-d5	9.06	82	154844	92.78	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	38048	97.29	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	319124	100.80	ng	-0.01
78) Terphenyl-d14	19.88	244	325252	91.78	ng	0.00

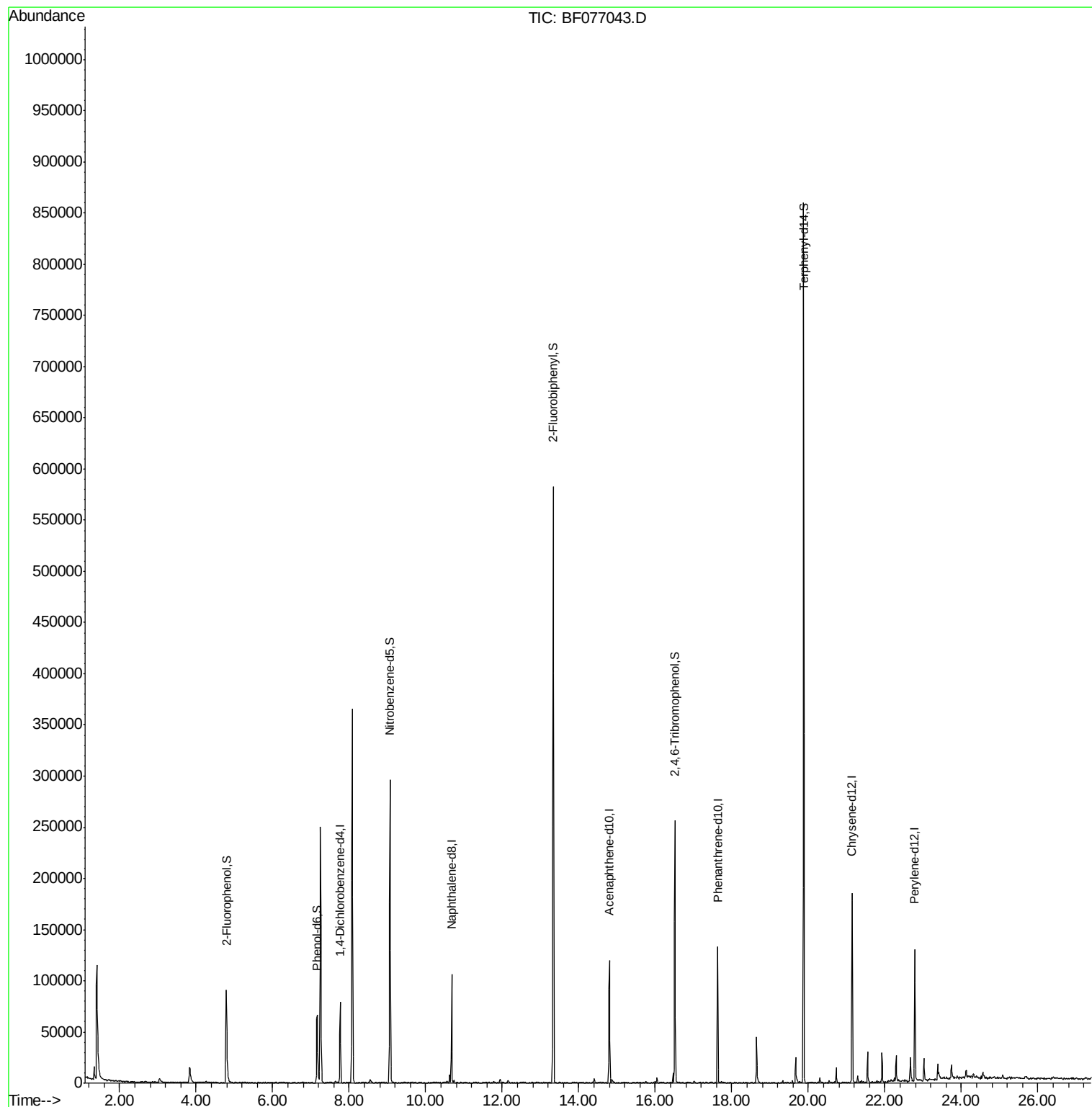
Target Compounds	Qvalue
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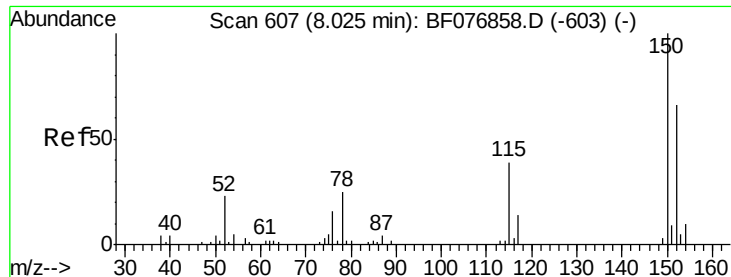
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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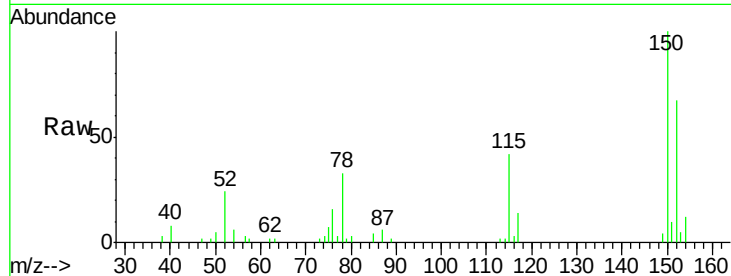


#1

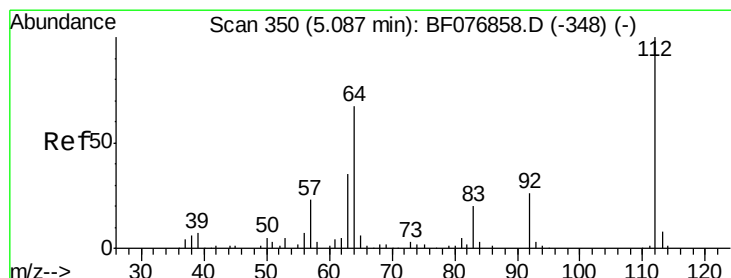
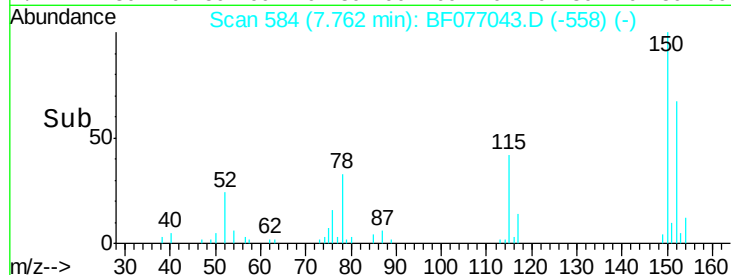
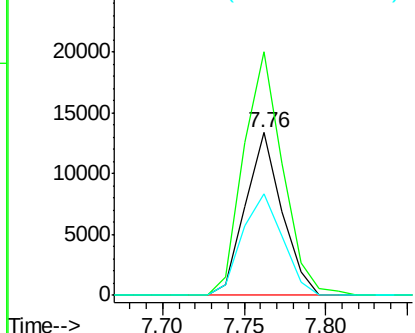
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077043.D
Acq: 23 Jan 2015 18:20

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 20875
Ion Ratio Lower Upper
152 100
150 149.8 121.7 182.5
115 62.8 47.0 70.6



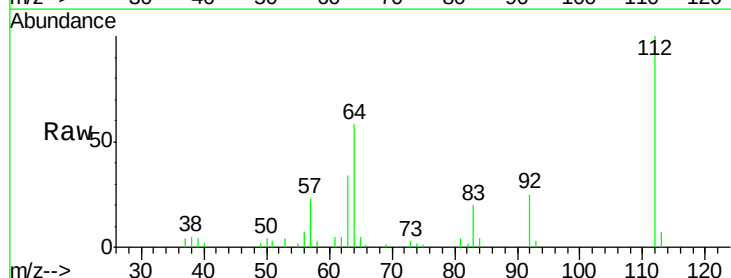
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



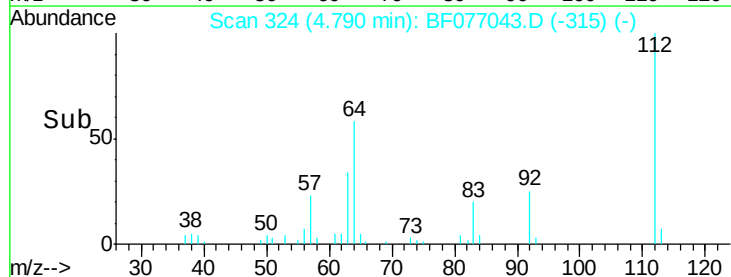
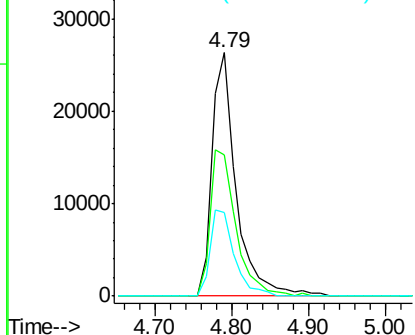
#5

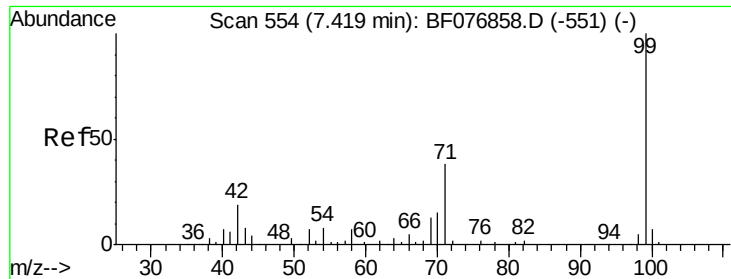
2-Fluorophenol
Concen: 45.02 ng
RT: 4.79 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF077043.D
Acq: 23 Jan 2015 18:20

Tgt Ion:112 Resp: 57162
Ion Ratio Lower Upper
112 100
64 58.2 54.2 81.4
63 34.1 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: 31.21 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077043.D

Acq: 23 Jan 2015 18:20

Instrument :

BNA_F

ClientSampleId :

MW-2

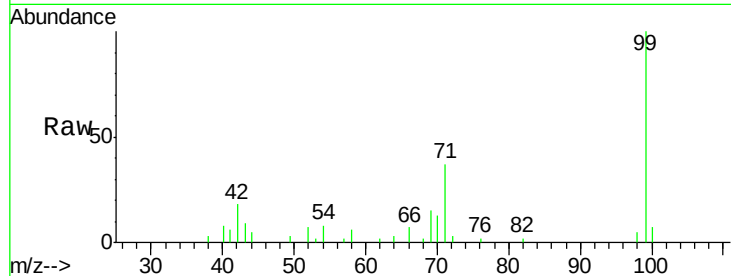
Tgt Ion: 99 Resp: 49986

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

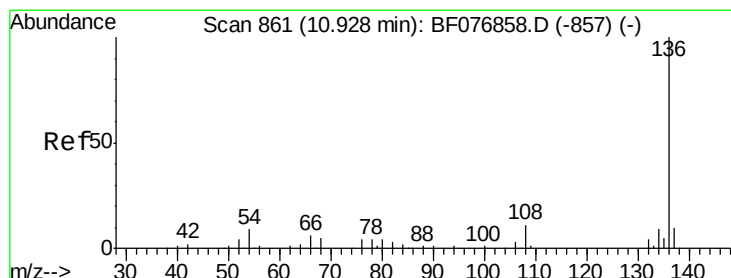
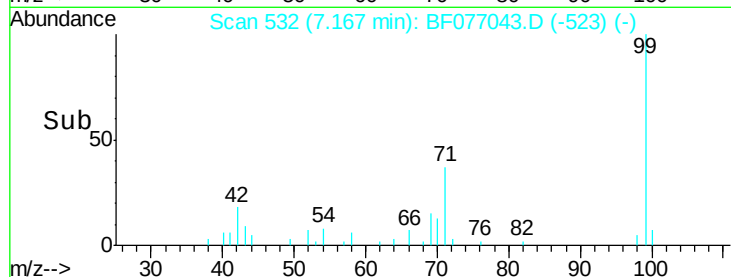
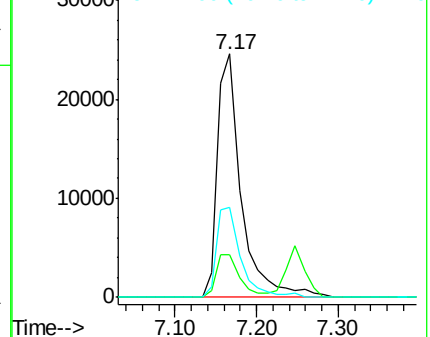
71 36.9 30.5 45.7



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: 10.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF077043.D

Acq: 23 Jan 2015 18:20

Tgt Ion: 136 Resp: 92459

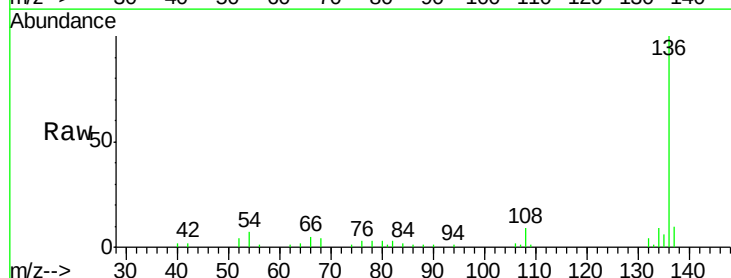
Ion Ratio Lower Upper

136 100

137 9.7 8.1 12.1

54 6.6 7.0 10.4#

68 4.1 3.7 5.5

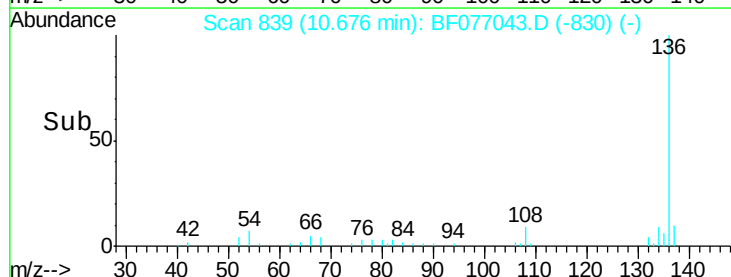
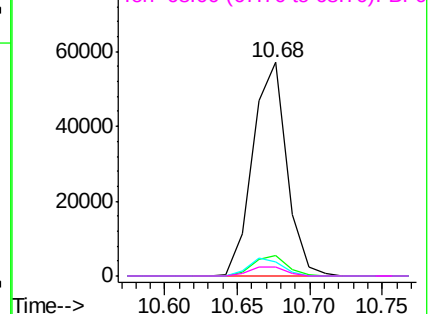


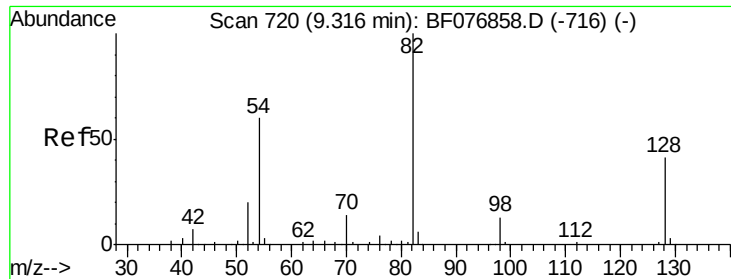
Abundance Ion 136.00 (135.70 to 136.70): E

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

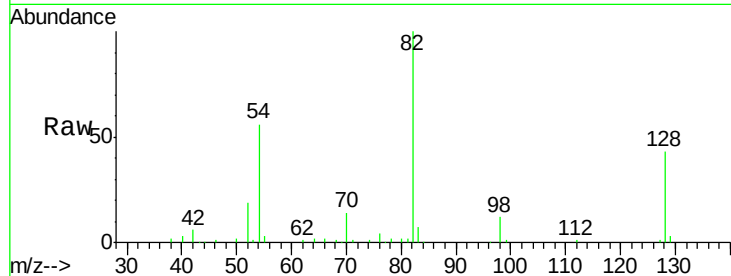




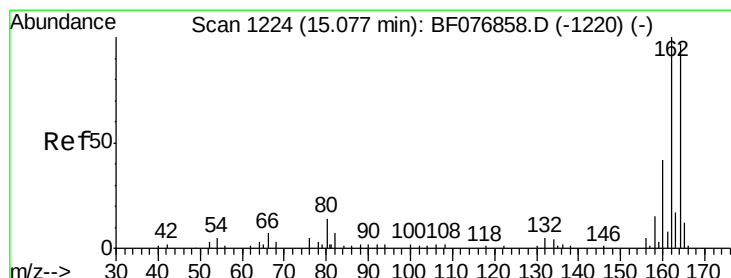
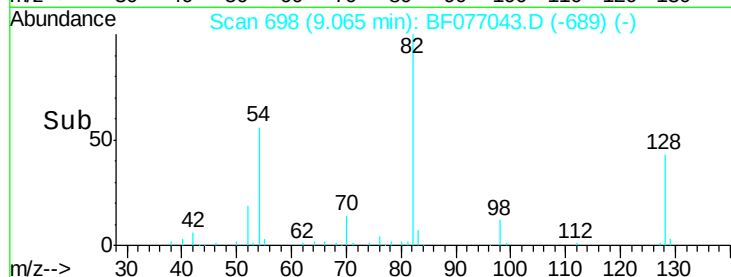
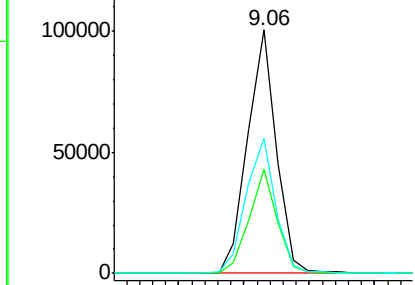
#23
 Nitrobenzene-d5
 Concen: 92.78 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077043.D
 Acq: 23 Jan 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion: 82 Resp: 154844
 Ion Ratio Lower Upper
 82 100
 128 42.7 33.1 49.7
 54 55.5 48.3 72.5

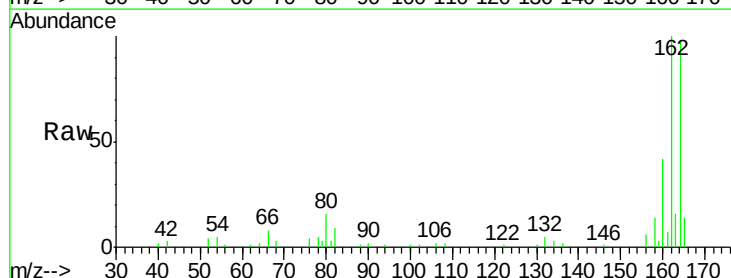


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

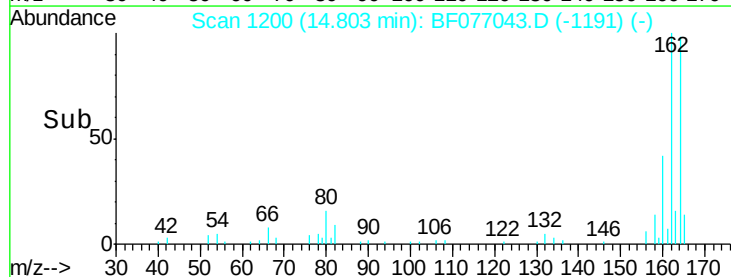
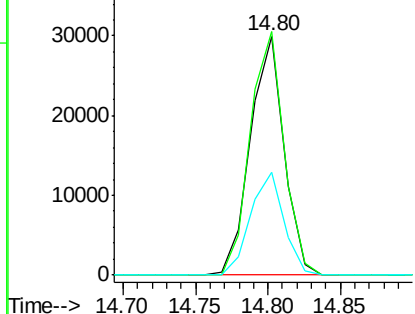


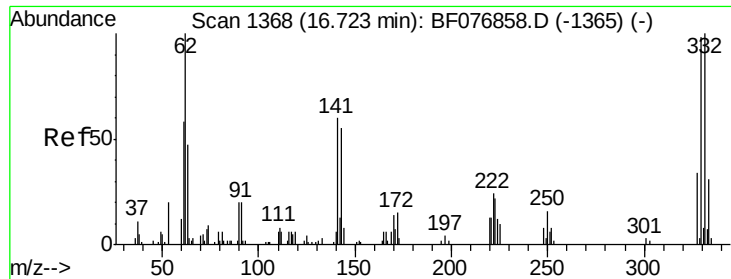
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF077043.D
 Acq: 23 Jan 2015 18:20

Tgt Ion: 164 Resp: 48179
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.4 123.6
 160 43.1 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 97.29 ng

RT: 16.52 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF077043.D

Acq: 23 Jan 2015 18:20

Instrument :

BNA_F

ClientSampleId :

MW-2

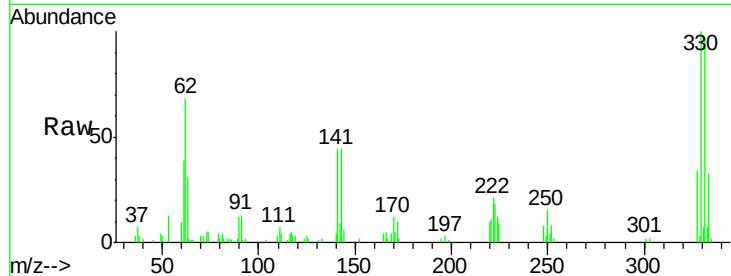
Tgt Ion:330 Resp: 38048

Ion Ratio Lower Upper

330 100

332 95.5 77.8 116.6

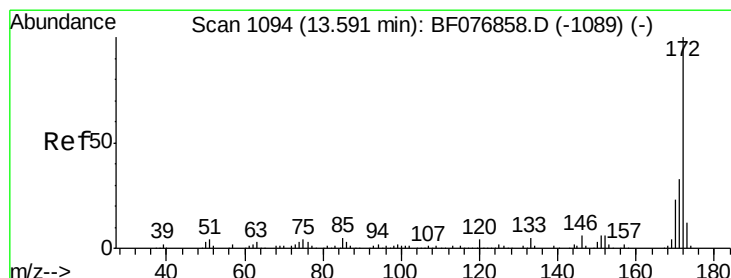
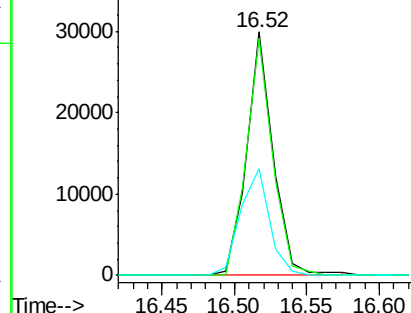
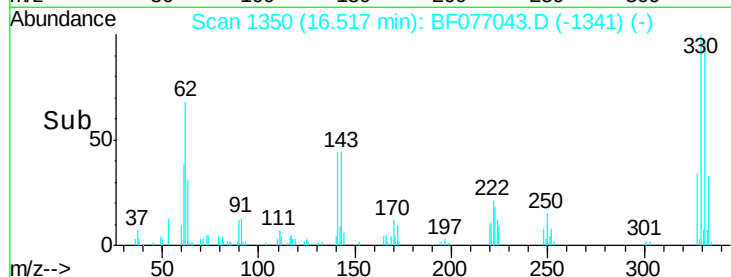
141 47.8 38.5 57.7



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: 100.80 ng

RT: 13.33 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF077043.D

Acq: 23 Jan 2015 18:20

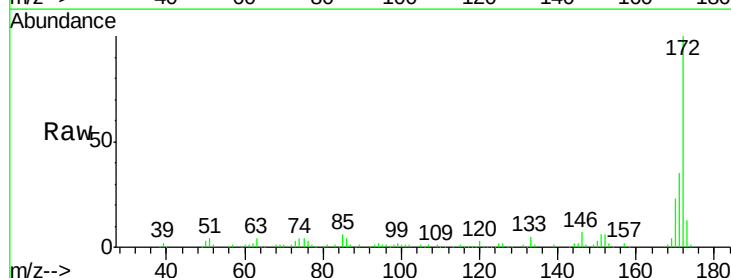
Tgt Ion:172 Resp: 319124

Ion Ratio Lower Upper

172 100

171 34.9 26.6 40.0

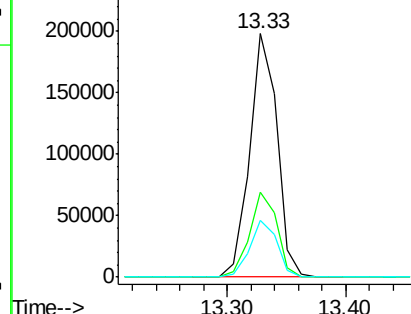
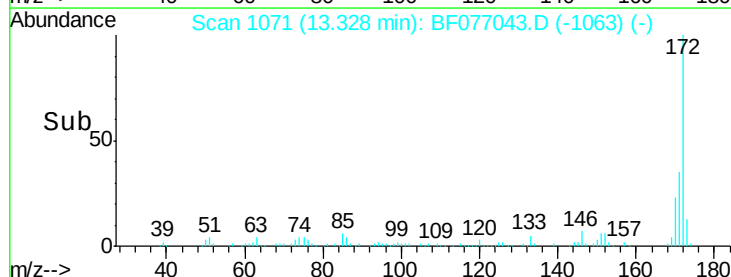
170 23.5 18.0 27.0

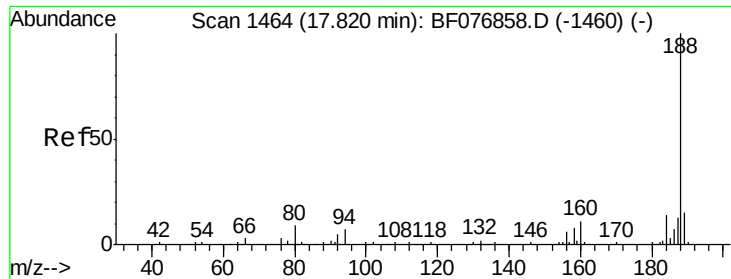


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

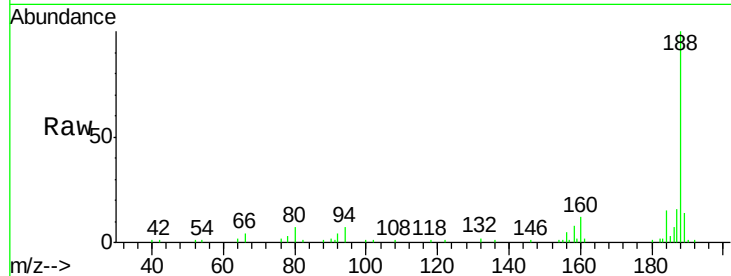




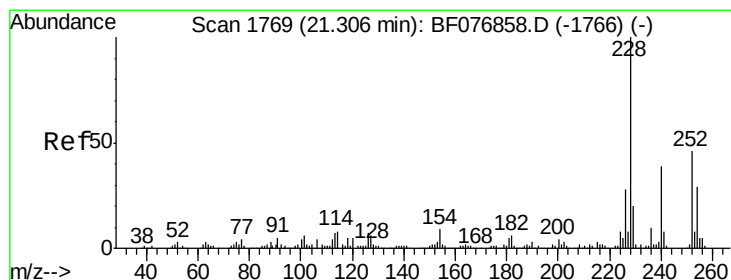
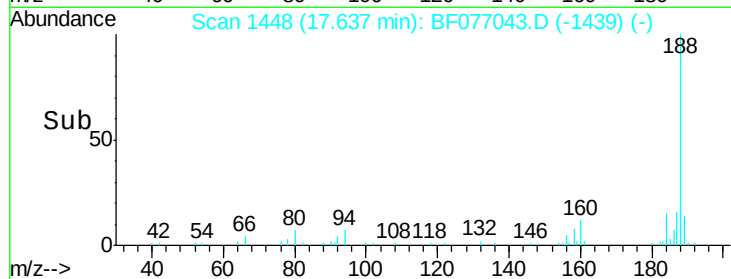
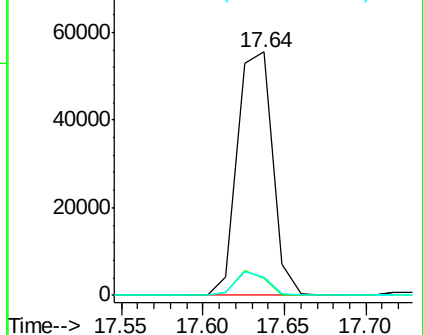
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077043.D
Acq: 23 Jan 2015 18:20

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 82343
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 7.4 6.9 10.3

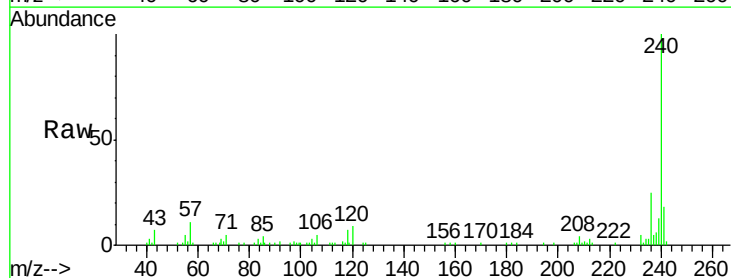


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

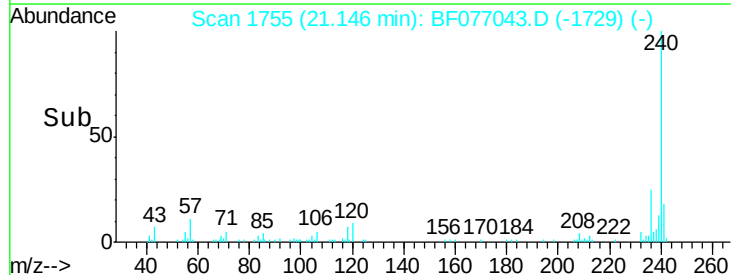
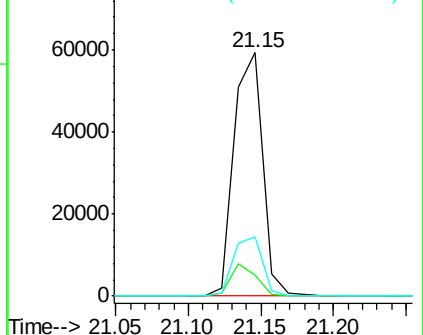


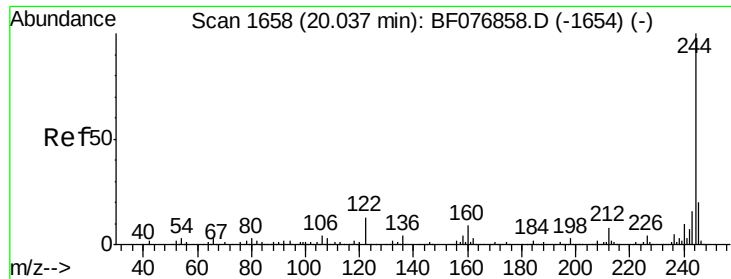
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF077043.D
Acq: 23 Jan 2015 18:20

Tgt Ion:240 Resp: 81586
Ion Ratio Lower Upper
240 100
120 8.6 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

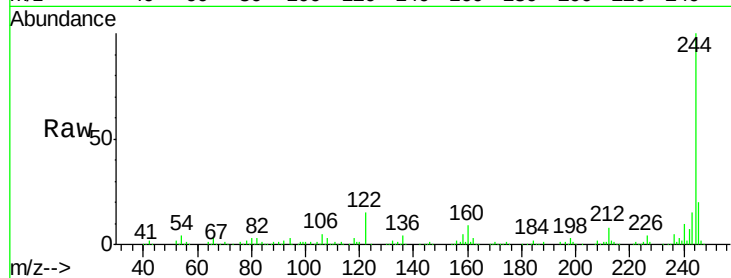




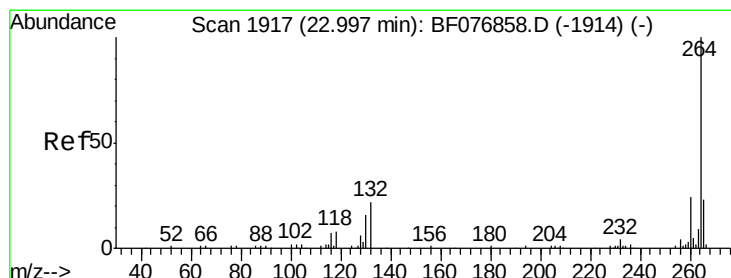
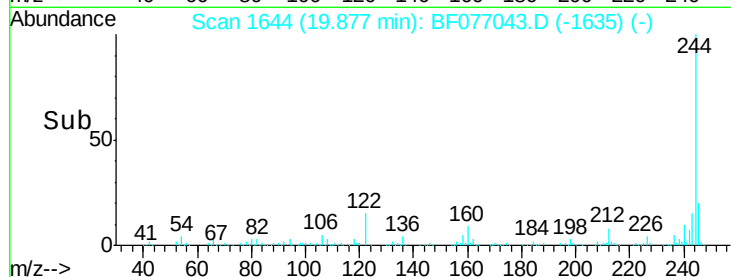
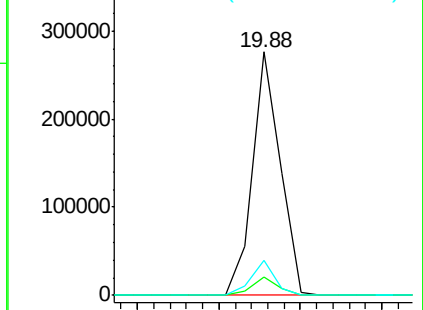
#78
 Terphenyl-d14
 Concen: 91.78 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077043.D
 Acq: 23 Jan 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 325252
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 14.6 10.1 15.1

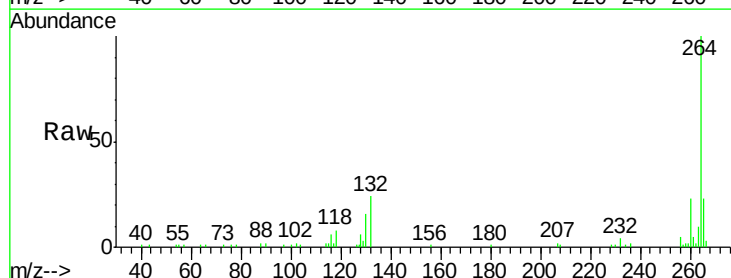


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.78 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BF077043.D
 Acq: 23 Jan 2015 18:20

Tgt Ion:264 Resp: 69725
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 22.9 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

