

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077207.D
 Acq On : 6 Feb 2015 18:02
 Operator : TP/IZ
 Sample : G1238-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Quant Time: Feb 06 23:38:37 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	27673	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	114529	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	58026	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	107662	20.00	ng	0.00
75) Chrysene-d12	21.05	240	101273	20.00	ng	0.00
86) Perylene-d12	22.72	264	94945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	93950	55.82	ng	0.00
7) Phenol-d6	7.06	99	71181	33.52	ng	0.00
23) Nitrobenzene-d5	8.94	82	164864	79.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.42	330	65353	138.75	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	357012	93.63	ng	0.00
78) Terphenyl-d14	19.79	244	363457	82.62	ng	0.00

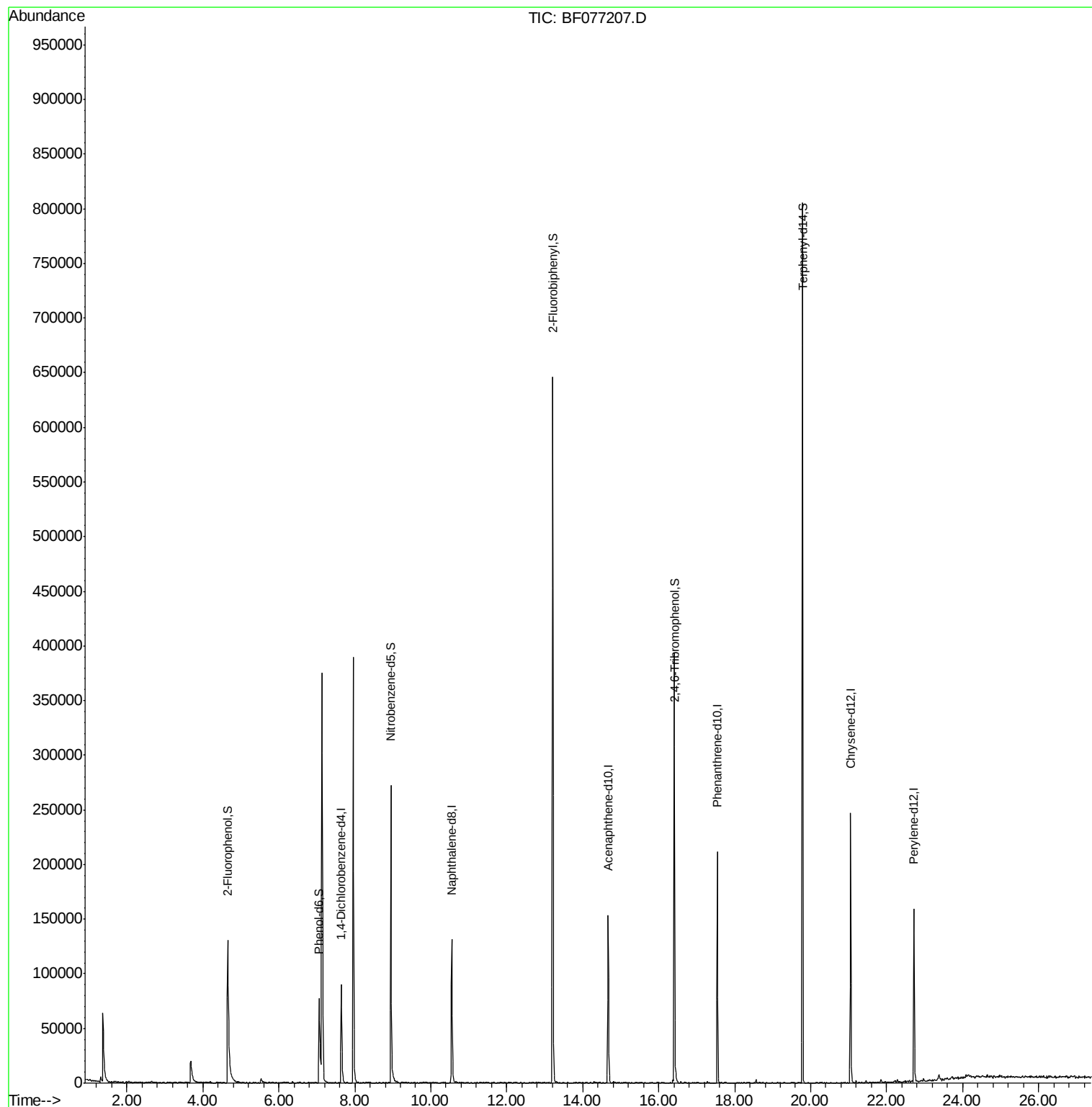
Target Compounds Qvalue

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

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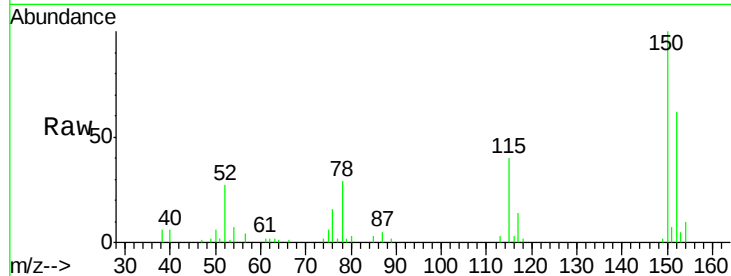


#1

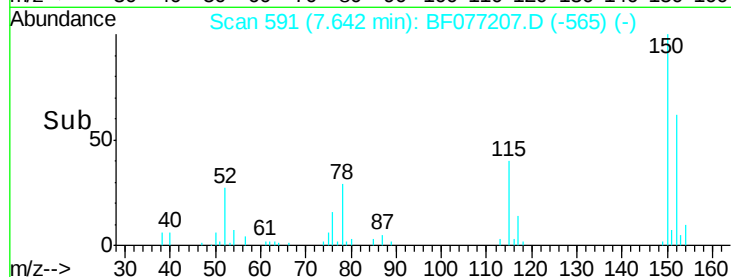
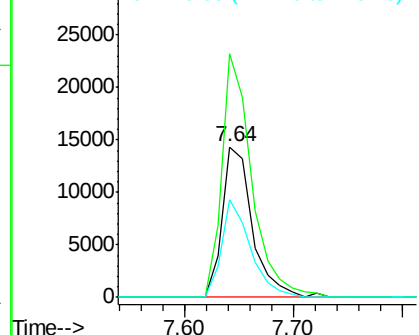
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077207.D
Acq: 6 Feb 2015 18:02

Instrument :
BNA_F
ClientSampleId :
MW2

Tot Ion:152 Resp: 27673
Ion Ratio Lower Upper
152 100
150 162.1 121.7 182.5
115 65.1 47.0 70.6



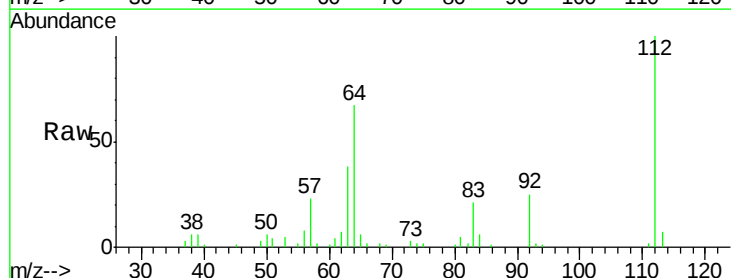
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



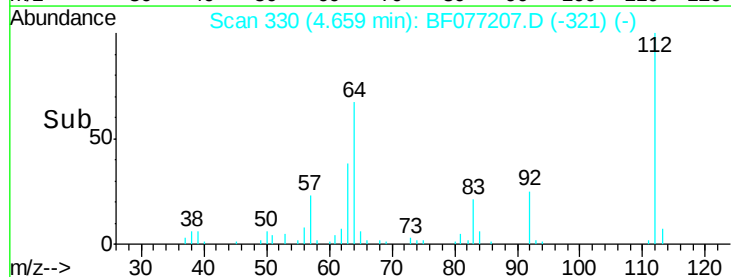
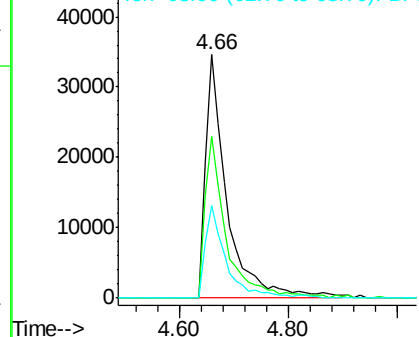
#5

2-Fluorophenol
Concen: 55.82 ng
RT: 4.66 min Scan# 330
Delta R.T. 0.00 min
Lab File: BF077207.D
Acq: 6 Feb 2015 18:02

Tgt Ion:112 Resp: 93950
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 37.8 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: 33.52 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077207.D

Acq: 6 Feb 2015 18:02

Instrument :

BNA_F

ClientSampleId :

MW2

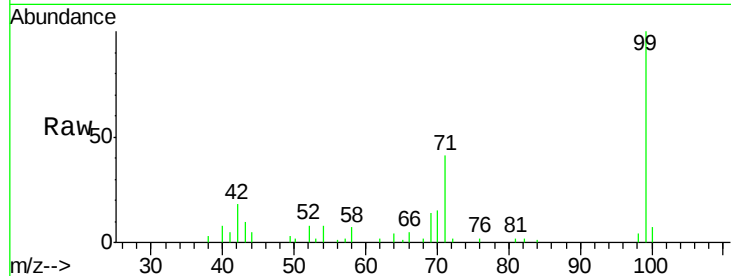
Tot Ion: 99 Resp: 71181

Ion Ratio Lower Upper

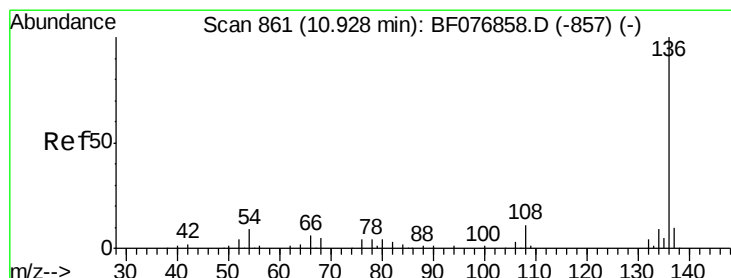
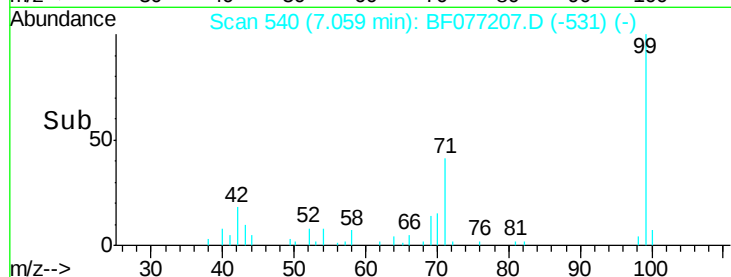
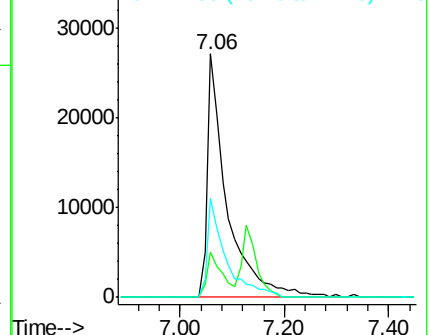
99 100

42 18.4 15.0 22.4

71 40.8 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: BF077207.D

Acq: 6 Feb 2015 18:02

Tgt Ion: 136 Resp: 114529

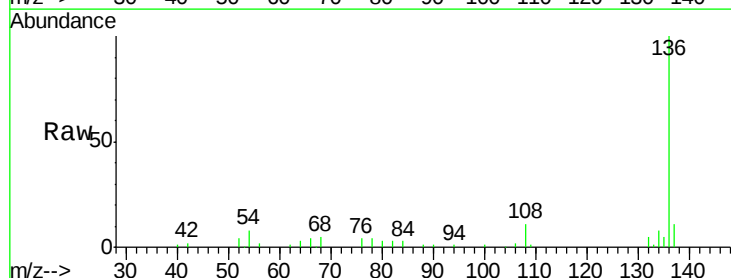
Ion Ratio Lower Upper

136 100

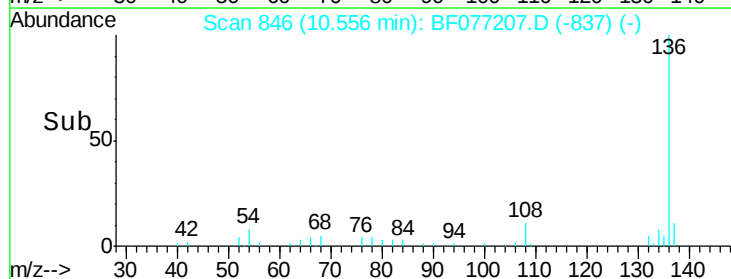
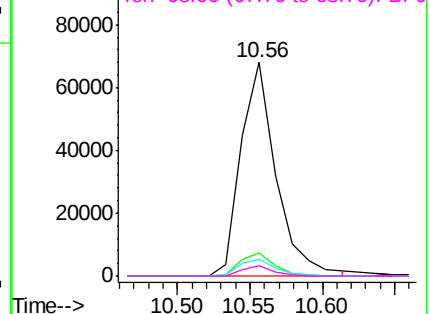
137 10.6 8.1 12.1

54 7.6 7.0 10.4

68 4.7 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

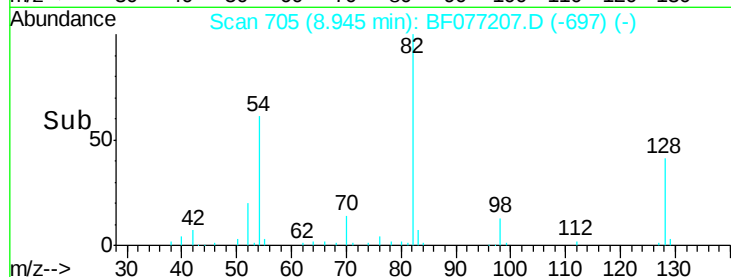
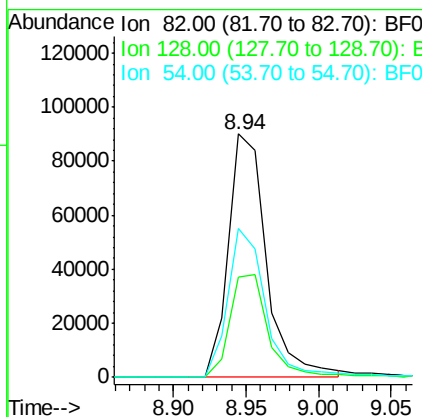
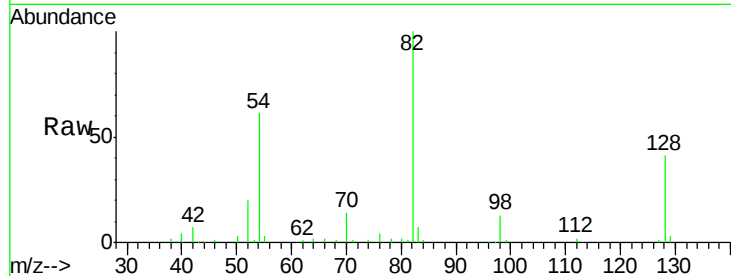




#23
 Nitrobenzene-d5
 Concen: 79.75 ng
 RT: 8.94 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077207.D
 Acq: 6 Feb 2015 18:02

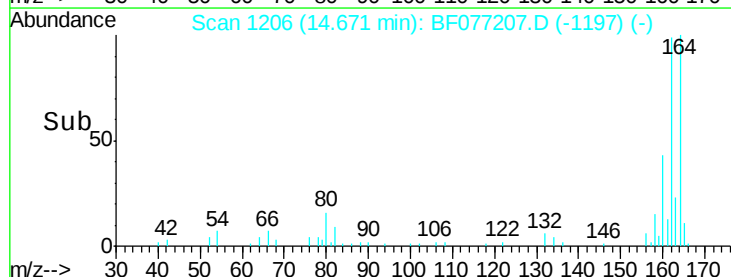
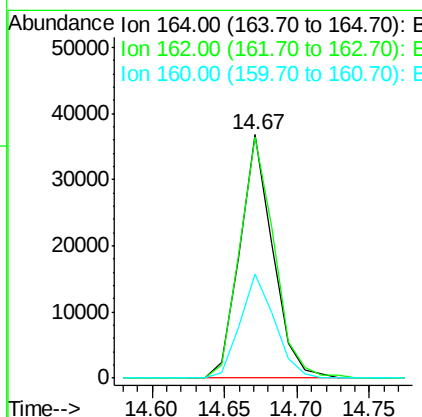
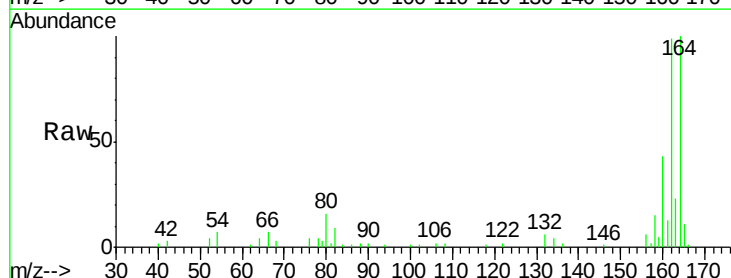
Instrument :
 BNA_F
 ClientSampleId :
 MW2

Tot Ion: 82 Resp: 164864
 Ion Ratio Lower Upper
 82 100
 128 40.9 33.1 49.7
 54 61.1 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: BF077207.D
 Acq: 6 Feb 2015 18:02

Tgt Ion: 164 Resp: 58026
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.4 123.6
 160 43.0 34.8 52.2

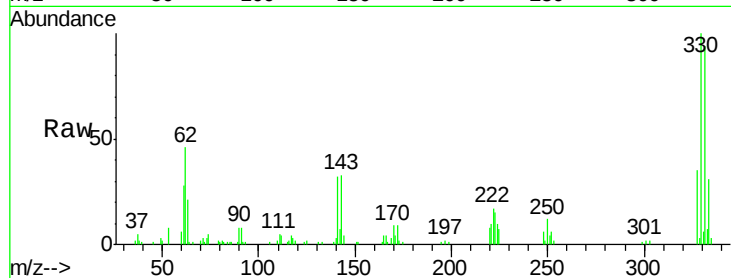




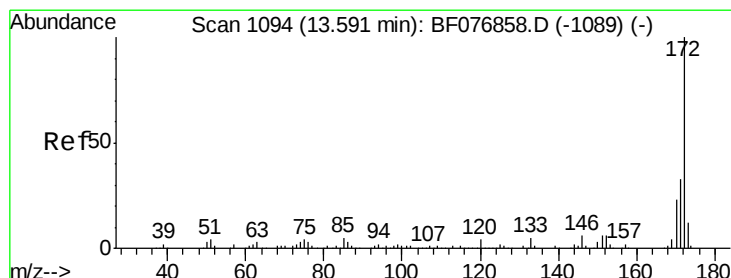
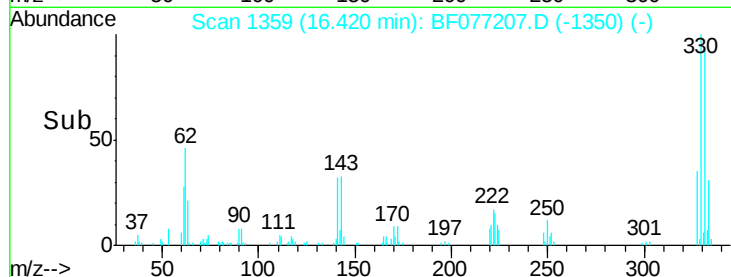
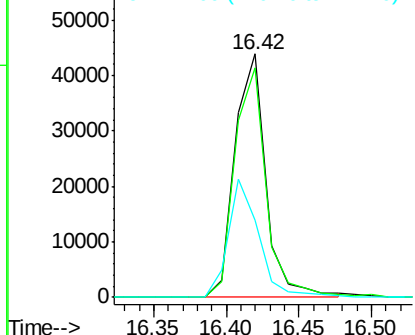
#41
 2,4,6-Tribromophenol
 Concen: 138.75 ng
 RT: 16.42 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF077207.D
 Acq: 6 Feb 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Tot Ion:330 Resp: 65353
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.8 116.6
 141 48.2 38.5 57.7

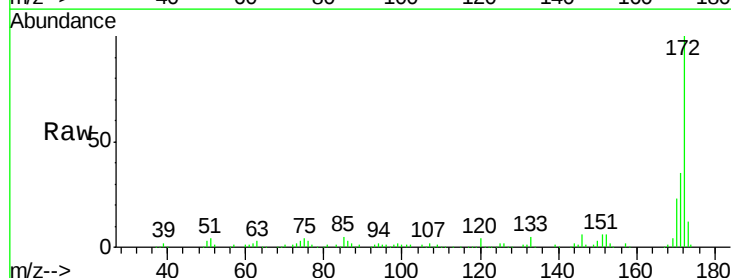


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

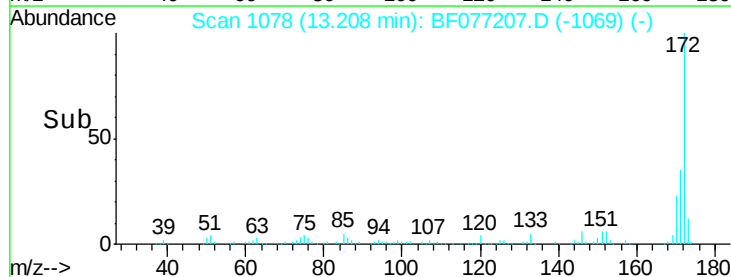
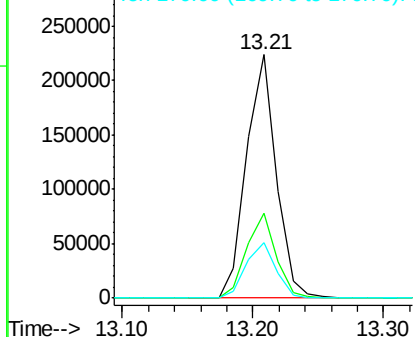


#44
 2-Fluorobiphenyl
 Concen: 93.63 ng
 RT: 13.21 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF077207.D
 Acq: 6 Feb 2015 18:02

Tgt Ion:172 Resp: 357012
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.6 40.0
 170 23.0 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

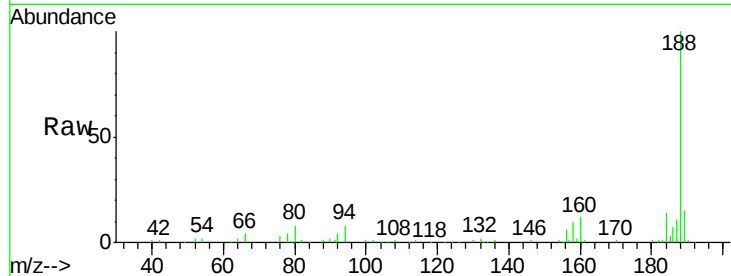




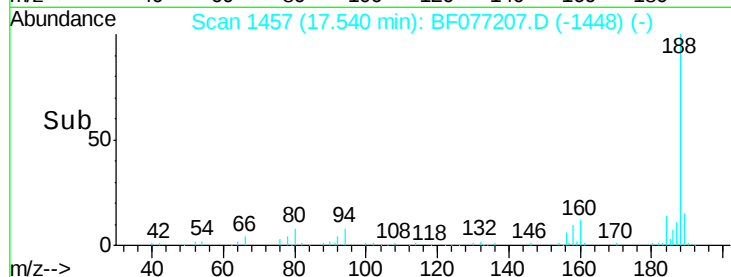
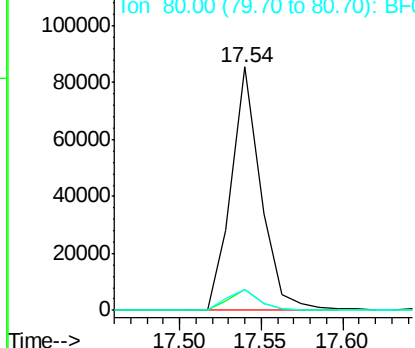
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF077207.D
Acq: 6 Feb 2015 18:02

Instrument :
BNA_F
ClientSampleId :
MW2

Tot Ion:188 Resp: 107662
Ion Ratio Lower Upper
188 100
94 8.5 6.0 9.0
80 8.3 6.9 10.3

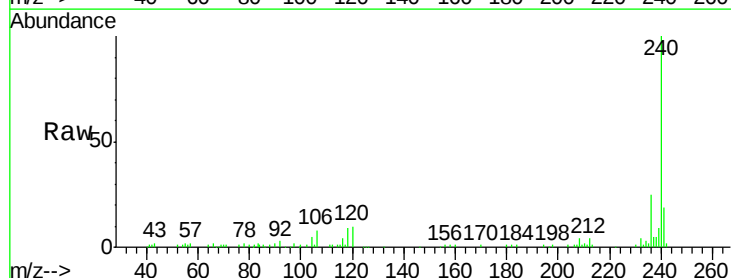


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

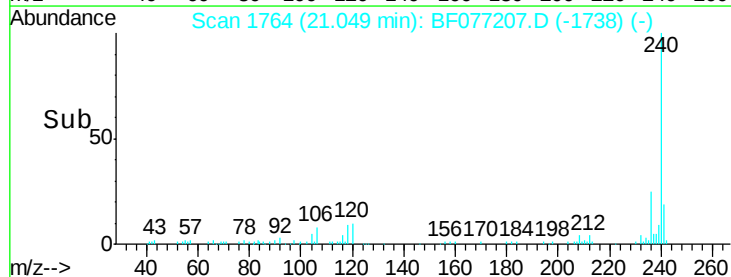
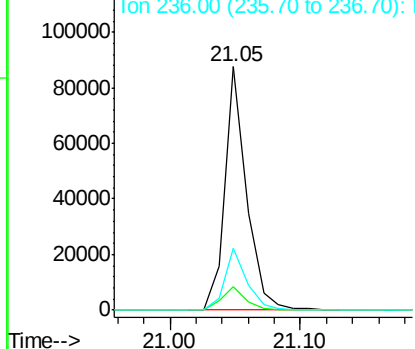


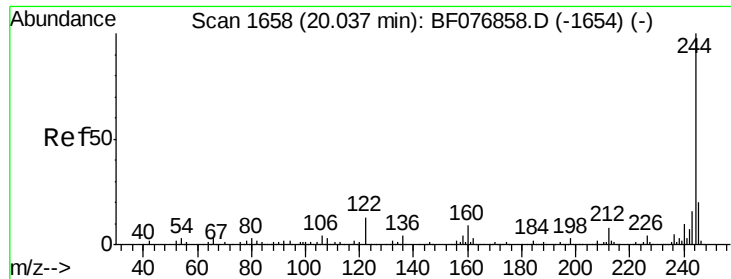
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF077207.D
Acq: 6 Feb 2015 18:02

Tgt Ion:240 Resp: 101273
Ion Ratio Lower Upper
240 100
120 9.8 10.4 15.6#
236 25.3 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: 82.62 ng

RT: 19.79 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF077207.D

Acq: 6 Feb 2015 18:02

Instrument :

BNA_F

ClientSampleId :

MW2

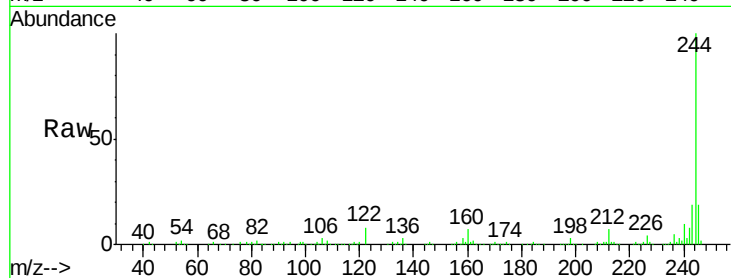
Tot Ion:244 Resp: 363457

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

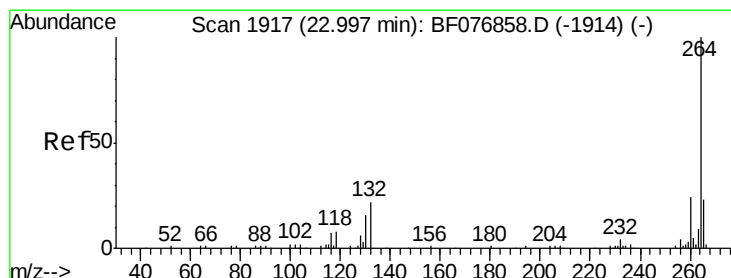
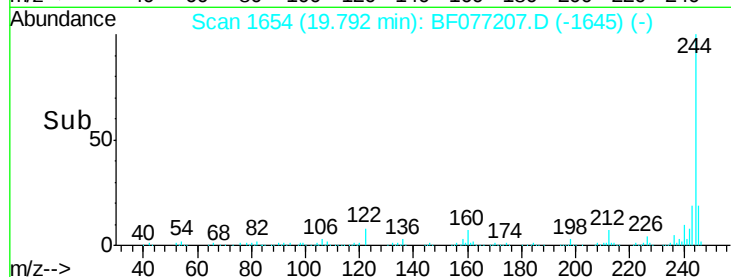
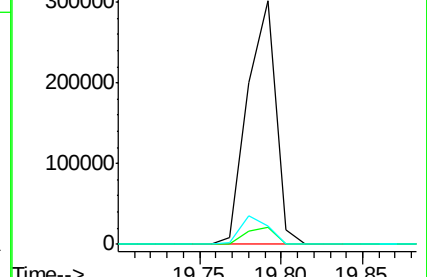
122 7.6 10.1 15.1#



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: 22.72 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF077207.D

Acq: 6 Feb 2015 18:02

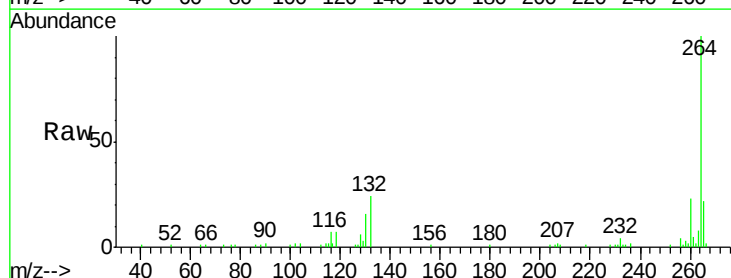
Tgt Ion:264 Resp: 94945

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 22.4 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

