

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077203.D
 Acq On : 6 Feb 2015 15:44
 Operator : TP/IZ
 Sample : PB81636BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BL

Quant Time: Feb 06 22:53:20 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 22:20:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	25808	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	108015	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	52616	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	102311	20.00	ng	0.00
75) Chrysene-d12	21.05	240	98792	20.00	ng	0.00
86) Perylene-d12	22.74	264	90019	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	172625	109.97	ng	0.00
7) Phenol-d6	7.05	99	218448	110.32	ng	-0.01
23) Nitrobenzene-d5	8.94	82	129329	66.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.42	330	50264	117.69	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	276649	80.01	ng	0.00
78) Terphenyl-d14	19.79	244	328749	76.61	ng	0.00

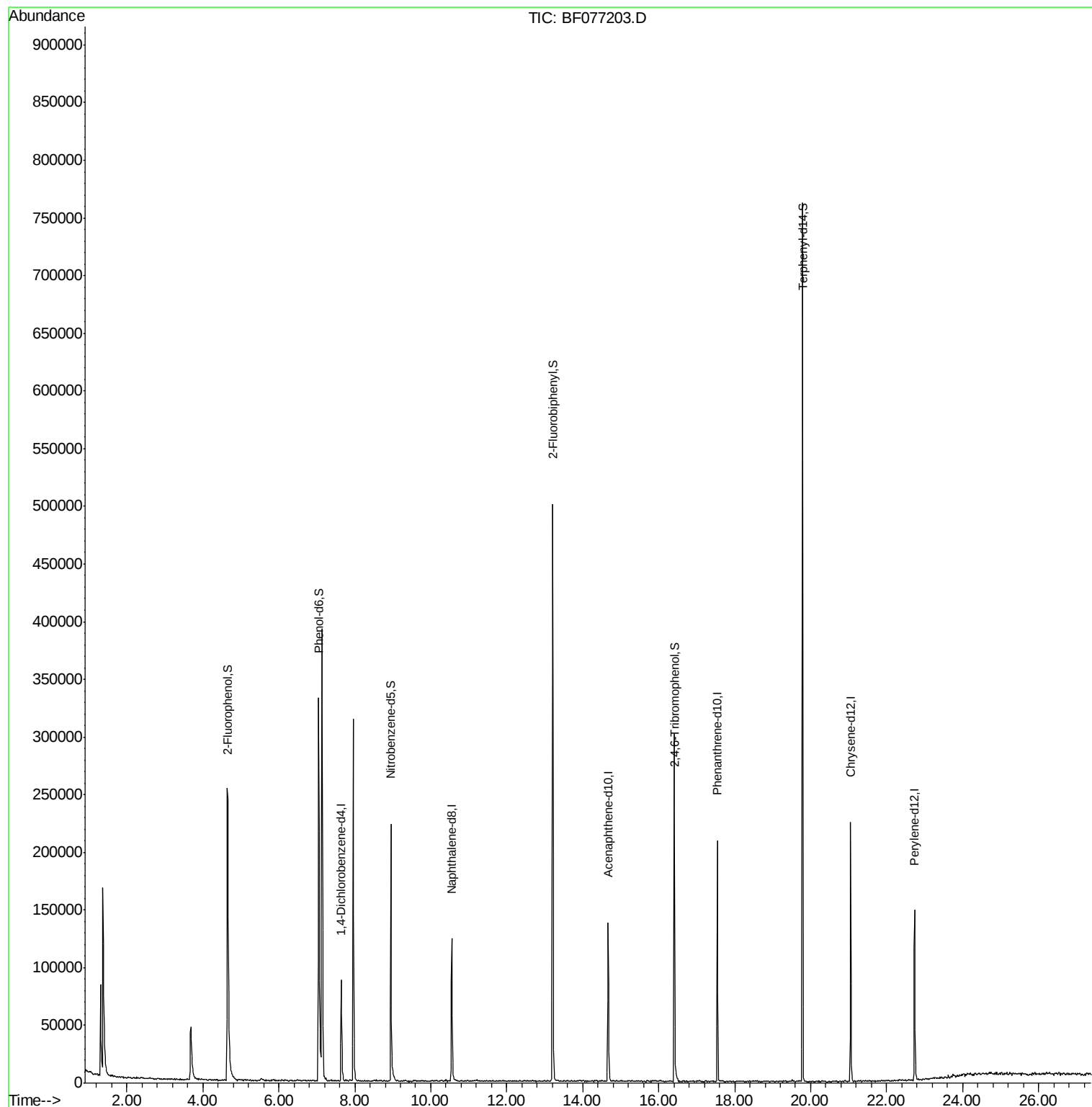
Target Compounds Qvalue

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

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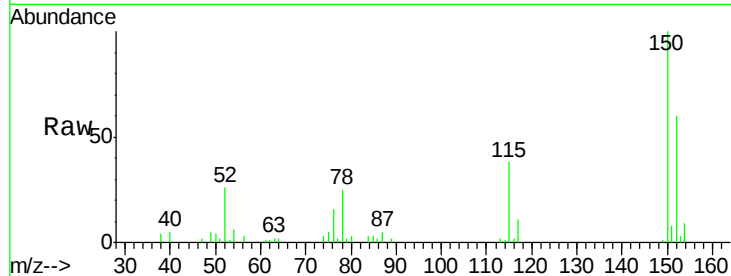


#1

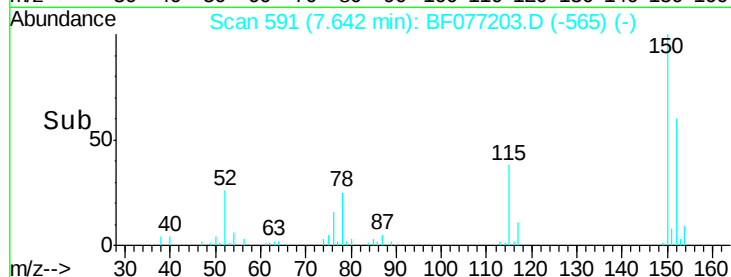
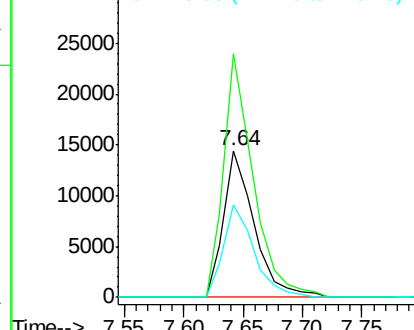
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077203.D
Acq: 6 Feb 2015 15:44

Instrument :
BNA_F
ClientSampleId :
PB81636BL

Tot Ion:152 Resp: 25808
Ion Ratio Lower Upper
152 100
150 165.7 121.7 182.5
115 62.8 47.0 70.6



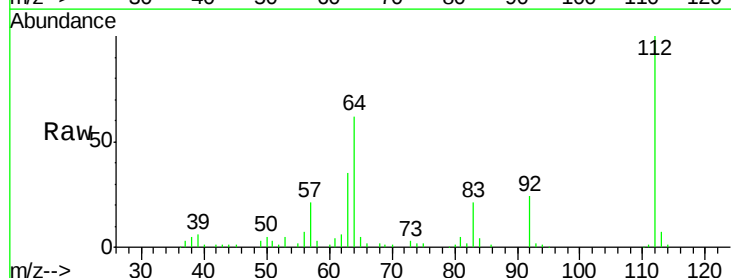
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



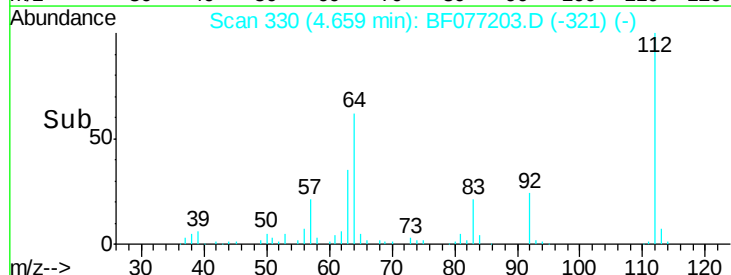
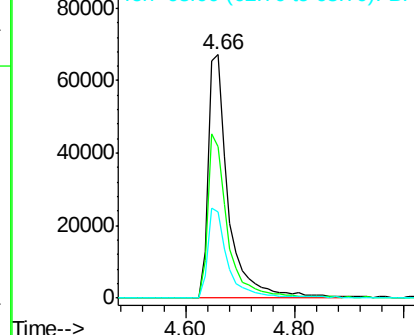
#5

2-Fluorophenol
Concen: 109.97 ng
RT: 4.66 min Scan# 330
Delta R.T. 0.00 min
Lab File: BF077203.D
Acq: 6 Feb 2015 15:44

Tgt Ion:112 Resp: 172625
Ion Ratio Lower Upper
112 100
64 62.2 54.2 81.4
63 35.2 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: 110.32 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

Instrument :

BNA_F

ClientSampleId :

PB81636BL

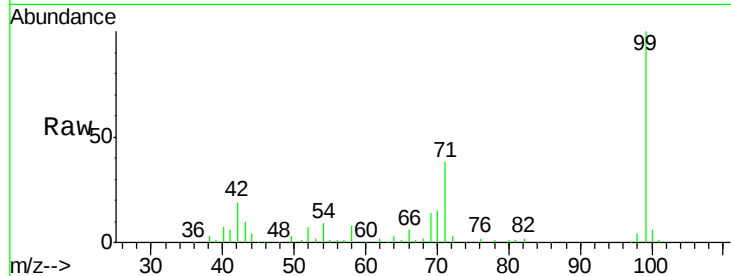
Tot Ion: 99 Resp: 218448

Ion Ratio Lower Upper

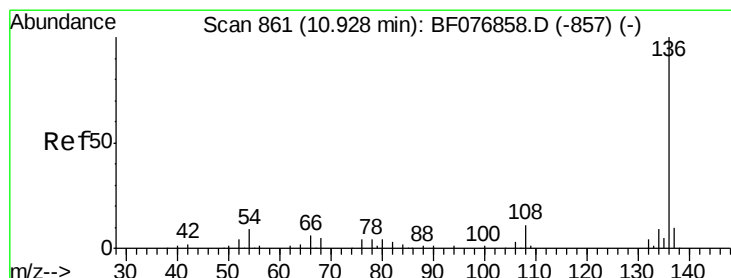
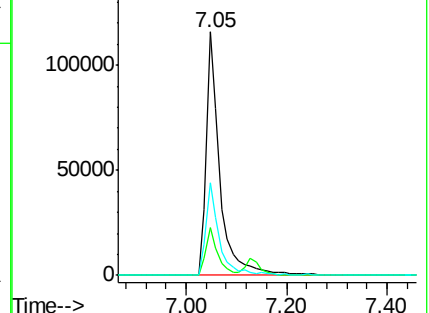
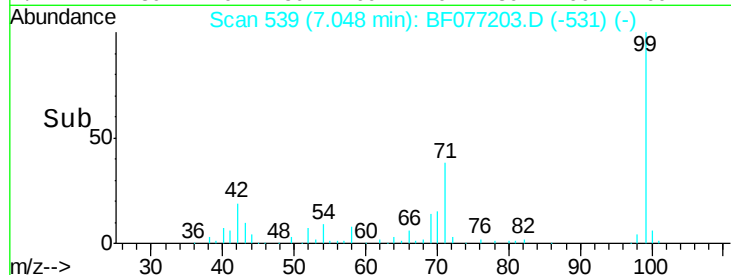
99 100

42 19.4 15.0 22.4

71 37.8 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: BF077203.D

Acq: 6 Feb 2015 15:44

Tgt Ion: 136 Resp: 108015

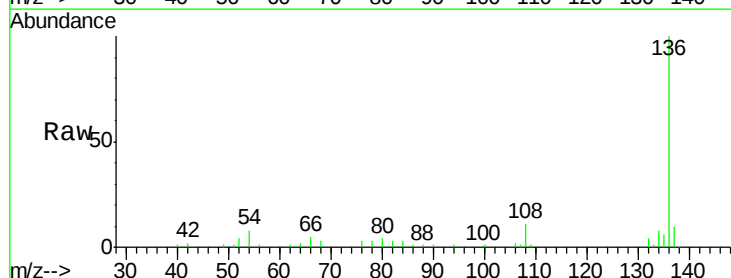
Ion Ratio Lower Upper

136 100

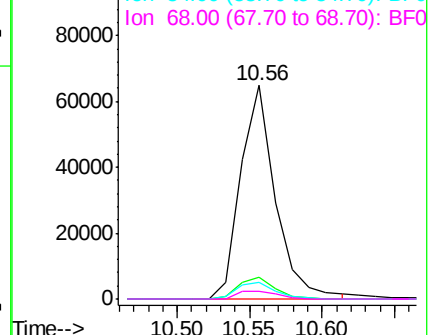
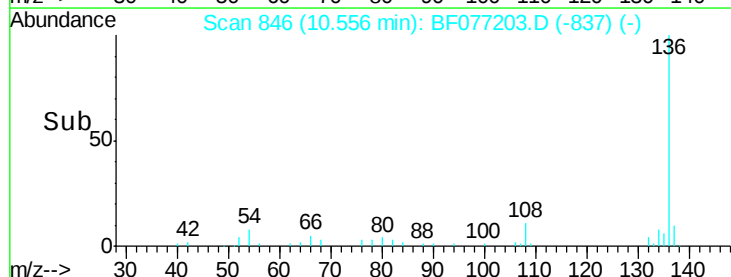
137 10.0 8.1 12.1

54 7.9 7.0 10.4

68 3.5 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

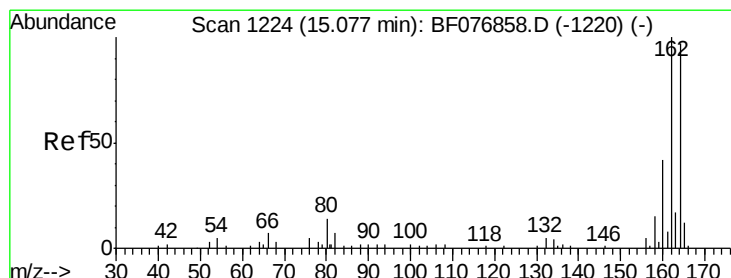
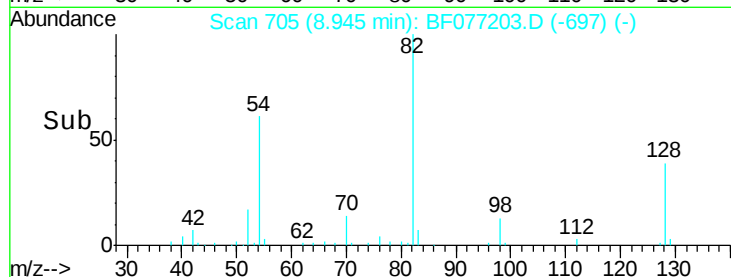
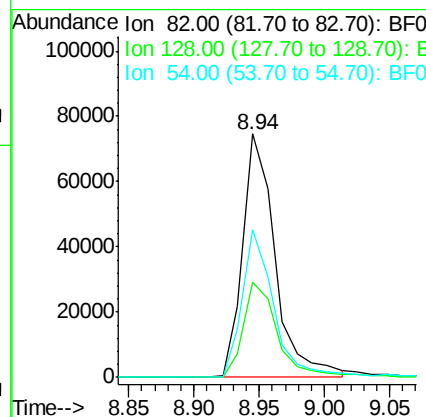
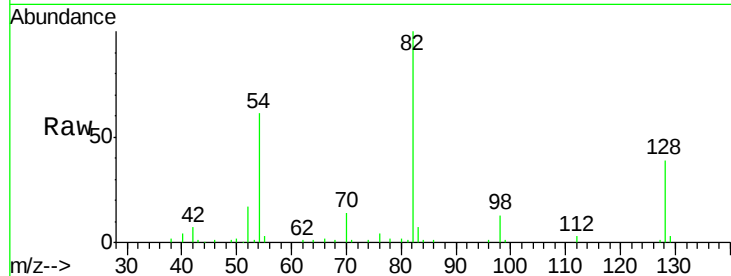




#23
 Nitrobenzene-d5
 Concen: 66.33 ng
 RT: 8.94 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077203.D
 Acq: 6 Feb 2015 15:44

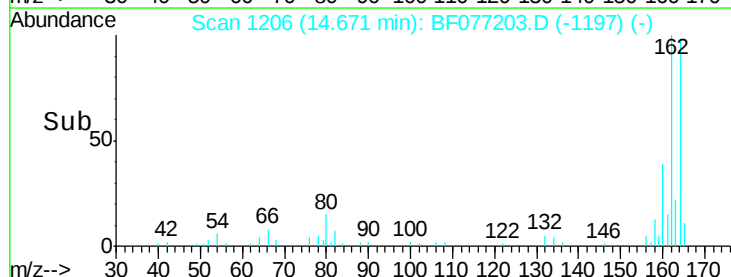
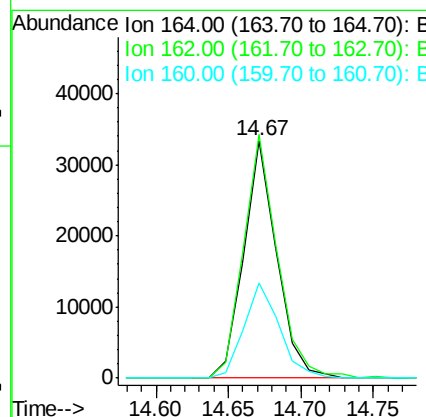
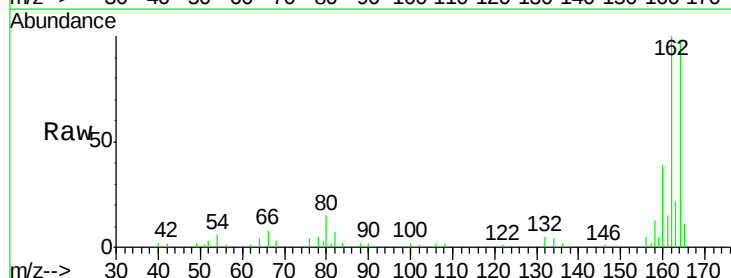
Instrument :
 BNA_F
 ClientSampleID :
 PB81636BL

Tot Ion	82	Resp	129329
Ion Ratio	Lower	Upper	
82	100		
128	39.0	33.1	49.7
54	60.7	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: BF077203.D
 Acq: 6 Feb 2015 15:44

Tgt Ion	164	Resp	52616
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.4	123.6
160	40.1	34.8	52.2

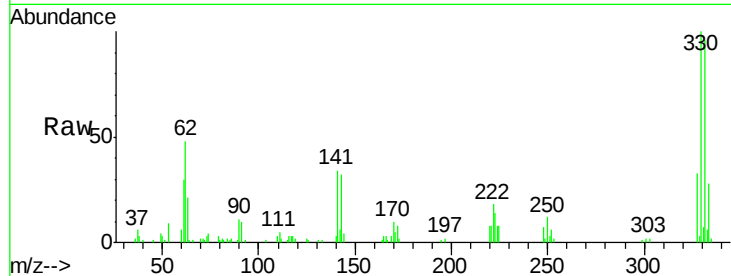




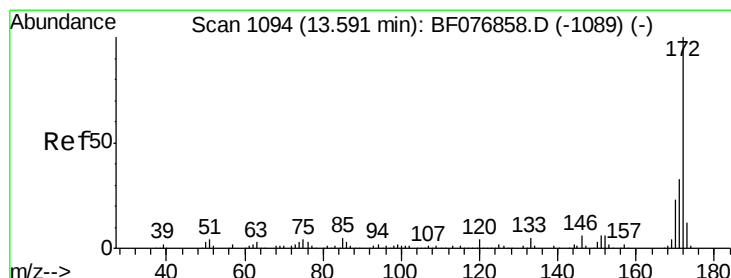
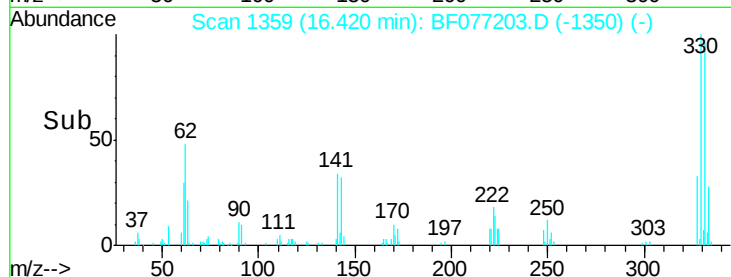
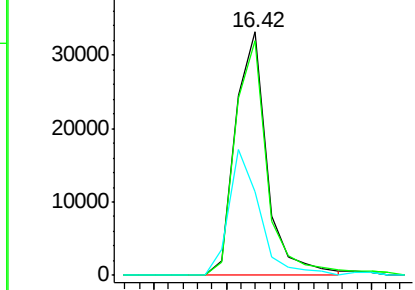
#41
 2,4,6-Tribromophenol
 Concen: 117.69 ng
 RT: 16.42 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF077203.D
 Acq: 6 Feb 2015 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BL

Tot Ion:330 Resp: 50264
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.8 116.6
 141 50.6 38.5 57.7

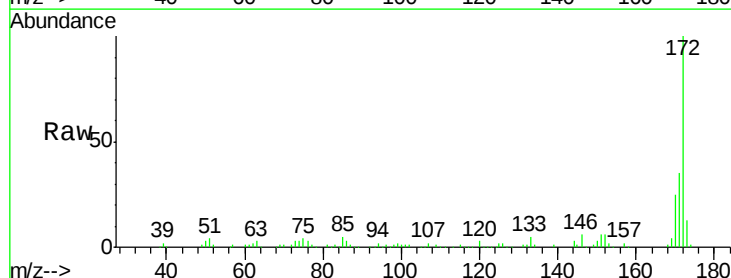


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

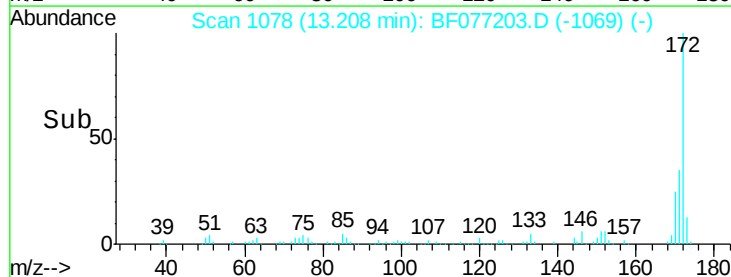
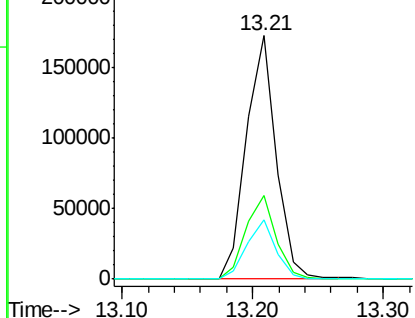


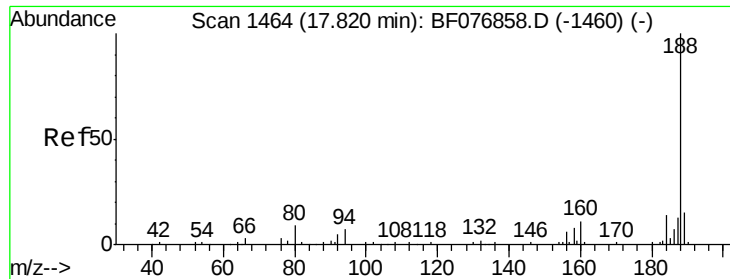
#44
 2-Fluorobiphenyl
 Concen: 80.01 ng
 RT: 13.21 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF077203.D
 Acq: 6 Feb 2015 15:44

Tgt Ion:172 Resp: 276649
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 24.5 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

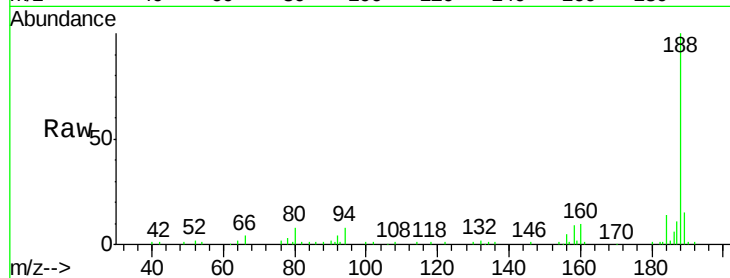




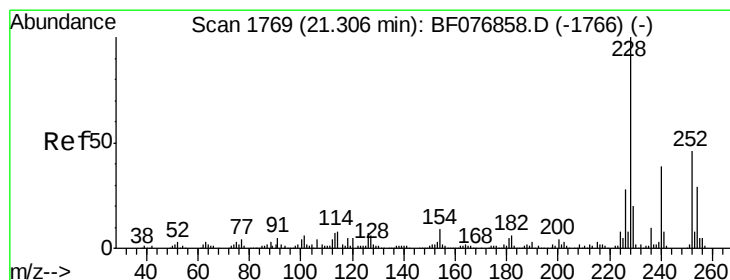
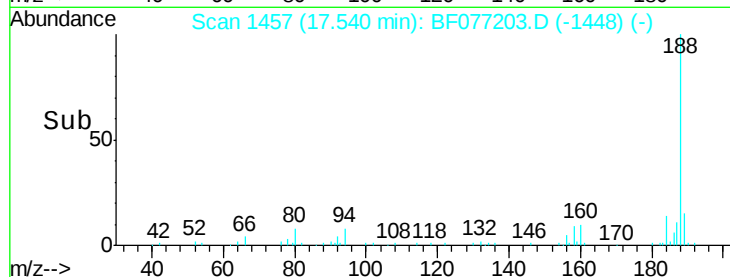
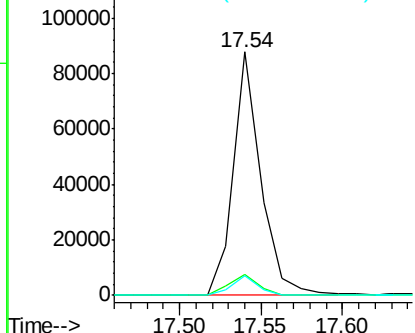
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF077203.D
Acq: 6 Feb 2015 15:44

Instrument :
BNA_F
ClientSampleId :
PB81636BL

Tot Ion:188 Resp: 102311
Ion Ratio Lower Upper
188 100
94 8.4 6.0 9.0
80 8.0 6.9 10.3

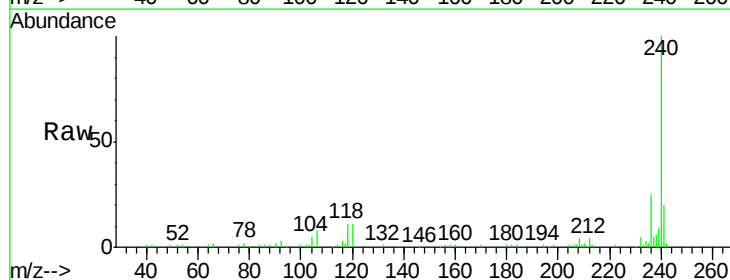


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

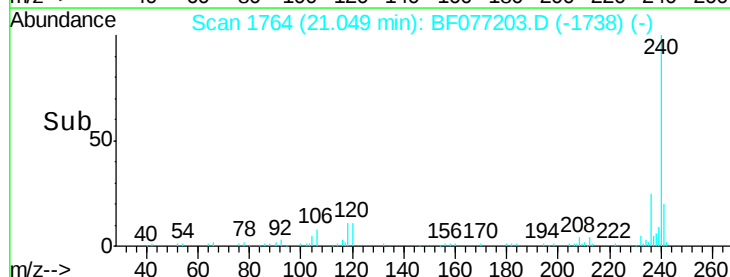
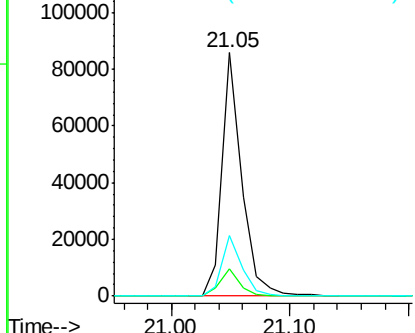


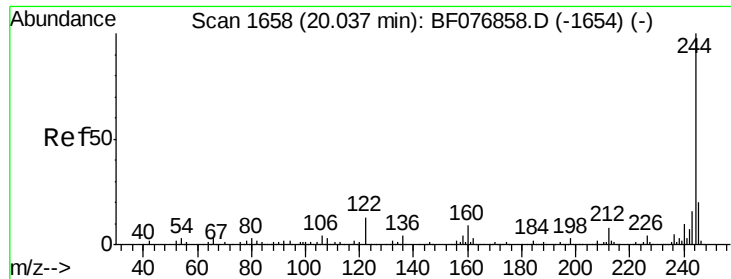
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF077203.D
Acq: 6 Feb 2015 15:44

Tgt Ion:240 Resp: 98792
Ion Ratio Lower Upper
240 100
120 11.1 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: 76.61 ng

RT: 19.79 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

Instrument :

BNA_F

ClientSampleId :

PB81636BL

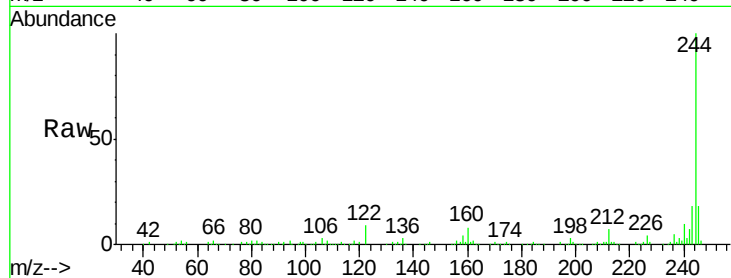
Tot Ion:244 Resp: 328749

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

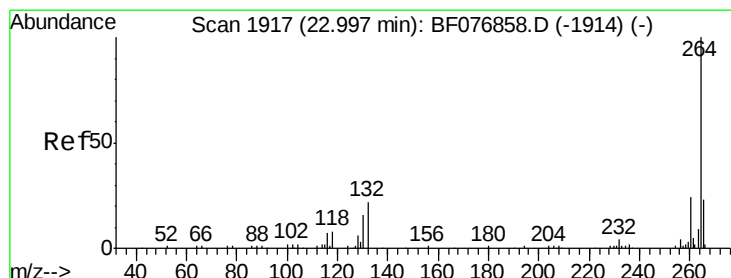
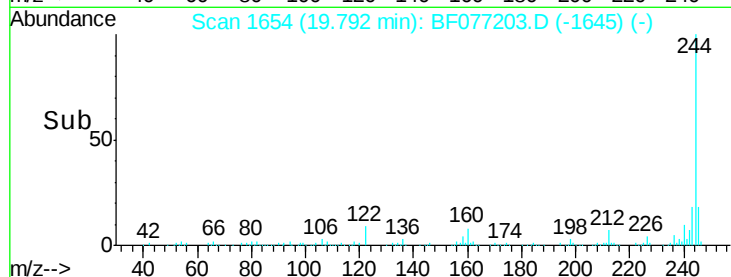
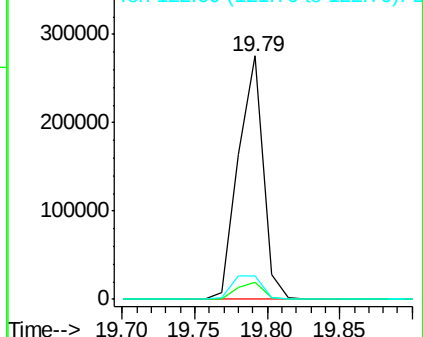
122 9.4 10.1 15.1#



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: 22.74 min Scan# 1912

Delta R.T. 0.03 min

Lab File: BF077203.D

Acq: 6 Feb 2015 15:44

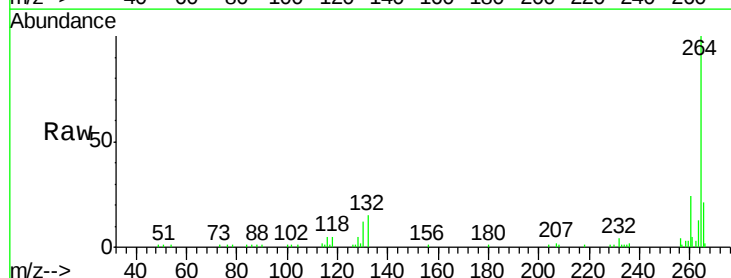
Tgt Ion:264 Resp: 90019

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.5 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

